

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038298.D
 Acq On : 16 Oct 2023 12:50
 Operator : JC/MD
 Sample : VX1016WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2023
 Supervised By : Mahesh Dadoda 10/18/2023

Quant Time: Oct 17 01:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	148173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	261055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114165	47.903	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.800%		
35) Dibromofluoromethane	5.385	113	91832	48.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.640%		
50) Toluene-d8	8.647	98	339974	47.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.600%		
62) 4-Bromofluorobenzene	11.079	95	133418	48.960	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26043	18.209	ug/l	95
3) Chloromethane	1.301	50	27241	18.687	ug/l	100
4) Vinyl Chloride	1.374	62	33922	20.988	ug/l	96
5) Bromomethane	1.605	94	30956	13.969	ug/l	96
6) Chloroethane	1.685	64	22923	19.472	ug/l	94
7) Trichlorofluoromethane	1.886	101	64189	20.107	ug/l	97
8) Diethyl Ether	2.130	74	24078	20.223	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	29131	20.902	ug/l	99
10) Methyl Iodide	2.453	142	37721	18.811	ug/l	95
11) Tert butyl alcohol	2.953	59	48560	84.982	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	27710	20.440	ug/l	88
13) Acrolein	2.233	56	29422	86.840	ug/l	99
14) Allyl chloride	2.660	41	45972	18.959	ug/l	97
15) Acrylonitrile	3.062	53	109239	100.720	ug/l	98
16) Acetone	2.374	43	104209	104.769	ug/l #	88
17) Carbon Disulfide	2.514	76	62906	16.100	ug/l	99
18) Methyl Acetate	2.703	43	90038	21.109	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	106810	19.783	ug/l	100
20) Methylene Chloride	2.788	84	34606	18.497	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	31358	18.682	ug/l	93
22) Diisopropyl ether	3.764	45	97880	19.260	ug/l	86
23) Vinyl Acetate	3.721	43	356285	95.598	ug/l	98
24) 1,1-Dichloroethane	3.611	63	58135	18.849	ug/l	100
25) 2-Butanone	4.550	43	158210	98.582	ug/l	92
26) 2,2-Dichloropropane	4.477	77	43368	18.010	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	38264	19.141	ug/l	92
28) Bromochloromethane	4.898	49	27988	20.102	ug/l #	81
29) Tetrahydrofuran	5.001	42	101065	96.726	ug/l	88
30) Chloroform	5.093	83	67267	19.945	ug/l	99
31) Cyclohexane	5.471	56	44907	17.392	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	55835	19.328	ug/l	98
36) 1,1-Dichloropropene	5.696	75	46022	17.742	ug/l	99
37) Ethyl Acetate	4.708	43	57771	18.753	ug/l	97
38) Carbon Tetrachloride	5.678	117	47314	18.542	ug/l	99
39) Methylcyclohexane	7.379	83	53104	17.478	ug/l	92
40) Benzene	6.038	78	136512	18.816	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29270	19.099	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	54051	18.647	ug/l	99
43) Isopropyl Acetate	6.342	43	84868	18.454	ug/l	97
44) Trichloroethene	7.129	130	36755	19.369	ug/l	99
45) 1,2-Dichloropropane	7.434	63	35974	19.158	ug/l	97
46) Dibromomethane	7.580	93	28769	19.754	ug/l	98
47) Bromodichloromethane	7.824	83	50607	19.533	ug/l	95
48) Methyl methacrylate	7.696	41	41392	18.853	ug/l #	85
49) 1,4-Dioxane	7.659	88	22340	412.932	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	311976	98.348	ug/l	96
52) Toluene	8.720	92	90893	19.232	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	52229	18.781	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	55942	19.146	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	40055	19.815	ug/l	96
56) Ethyl methacrylate	9.116	69	58695	18.938	ug/l	92
57) 1,3-Dichloropropane	9.305	76	66072	20.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	138862	91.275	ug/l	99
59) 2-Hexanone	9.427	43	255475	100.179	ug/l	95
60) Dibromochloromethane	9.519	129	40208	20.323	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43096	19.714	ug/l	98
64) Tetrachloroethene	9.275	164	31828	19.135	ug/l	99
65) Chlorobenzene	10.079	112	102481	19.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36408	20.025	ug/l	99
67) Ethyl Benzene	10.195	91	180126	18.769	ug/l	98
68) m/p-Xylenes	10.299	106	138453	37.310	ug/l	99
69) o-Xylene	10.640	106	67285	18.578	ug/l	100
70) Styrene	10.653	104	113333	19.215	ug/l	97
71) Bromoform	10.799	173	28938	19.038	ug/l #	100
73) Isopropylbenzene	10.963	105	181515	19.227	ug/l	100
74) N-amyl acetate	10.842	43	74921	18.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	71998	20.783	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64418m	20.128	ug/l	
77) Bromobenzene	11.195	156	45102	19.568	ug/l	91
78) n-propylbenzene	11.305	91	216863	18.786	ug/l	99
79) 2-Chlorotoluene	11.366	91	127322	18.598	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	155233	19.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16709	18.049	ug/l	97
82) 4-Chlorotoluene	11.451	91	151478	18.698	ug/l	97
83) tert-Butylbenzene	11.713	119	151950	19.092	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	154450	19.019	ug/l	96
85) sec-Butylbenzene	11.890	105	196981	19.107	ug/l	100
86) p-Isopropyltoluene	12.012	119	162808	19.141	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	87805	18.966	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	89915	19.024	ug/l	99
89) n-Butylbenzene	12.335	91	153189	18.084	ug/l	97
90) Hexachloroethane	12.536	117	26732	18.955	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	86747	19.494	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16056	19.169	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	56794	19.028	ug/l	97
94) Hexachlorobutadiene	13.725	225	23339	19.428	ug/l	98
95) Naphthalene	13.774	128	196414	18.897	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55385	19.164	ug/l	98

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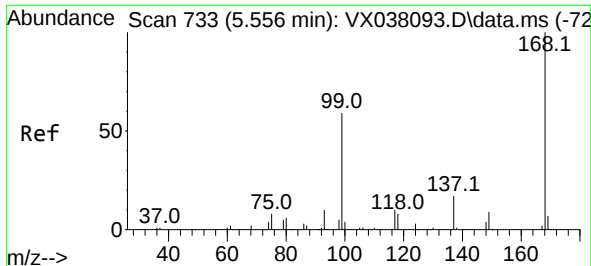
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

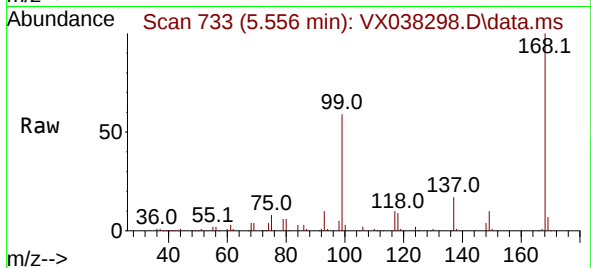
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

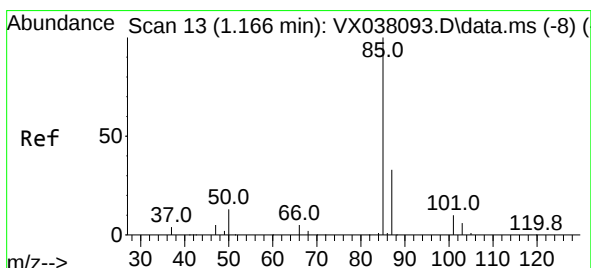
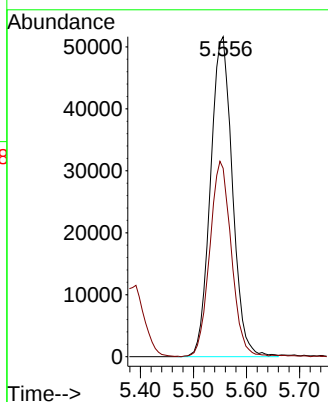
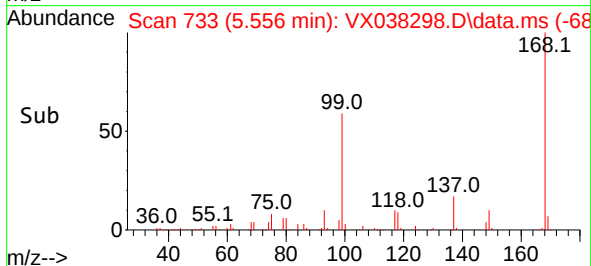
Instrument :
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Tgt Ion:168 Resp: 14817
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0

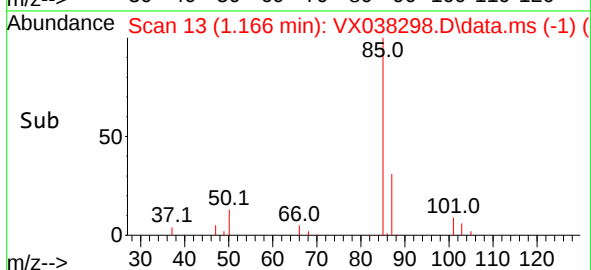
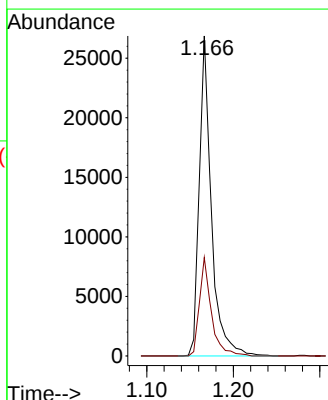
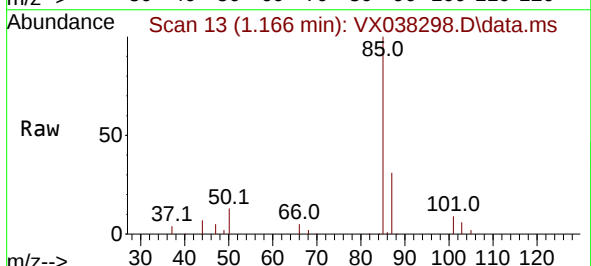
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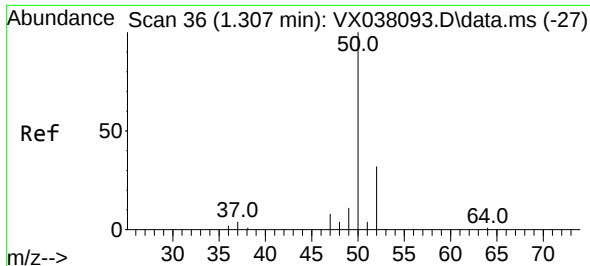
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#2
Dichlorodifluoromethane
Concen: 18.209 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 85 Resp: 26043
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





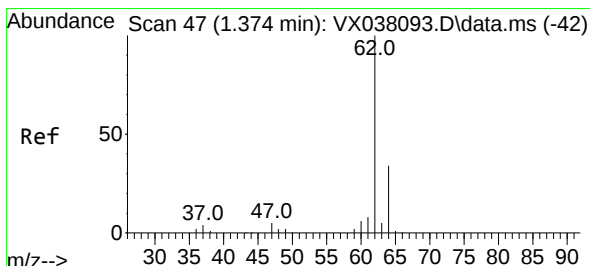
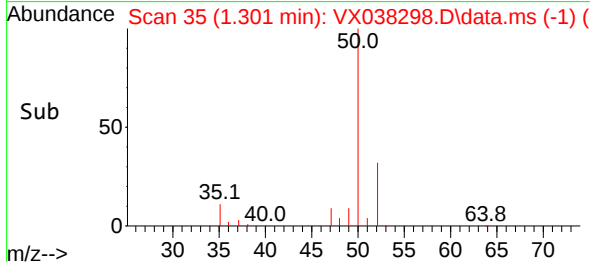
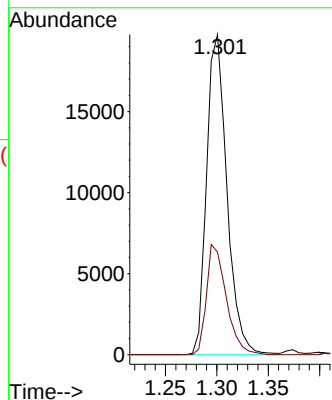
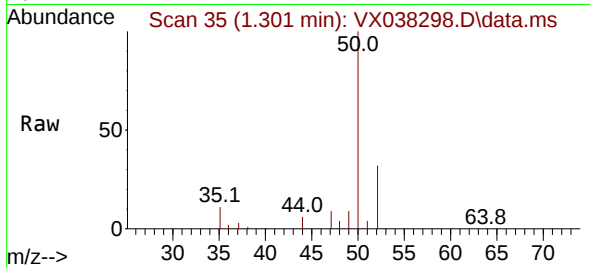
#3
Chloromethane
Concen: 18.687 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

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Tgt Ion: 50 Resp: 2724
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

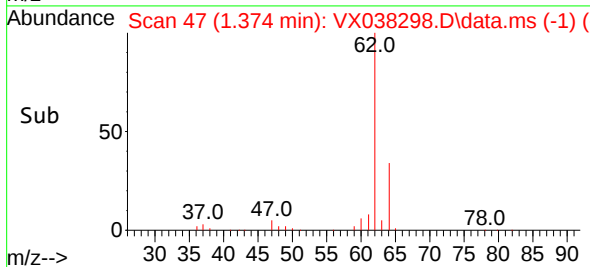
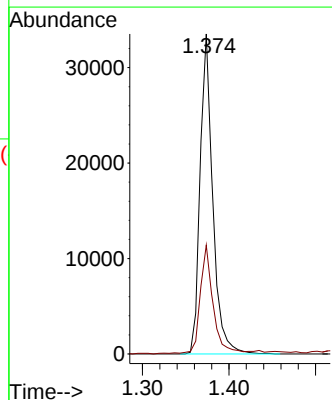
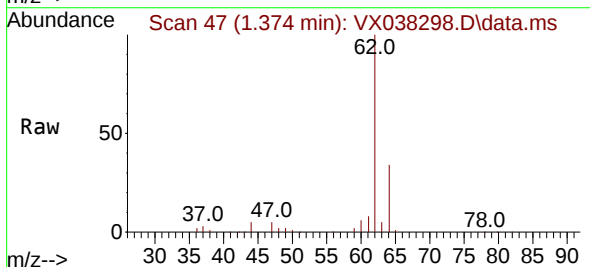
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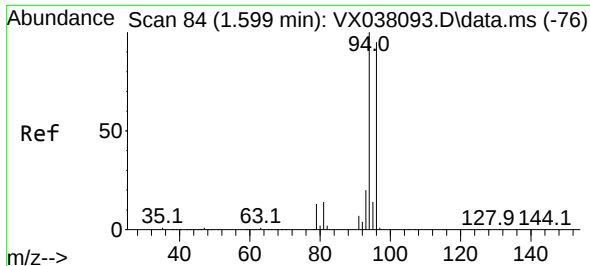
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#4
Vinyl Chloride
Concen: 20.988 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 62 Resp: 33922
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.0





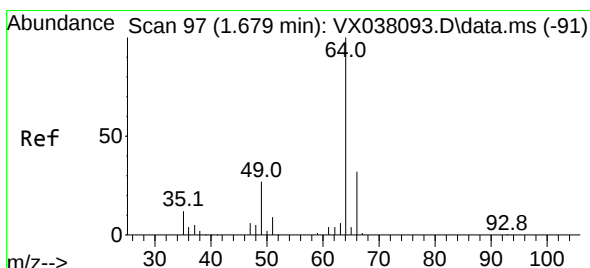
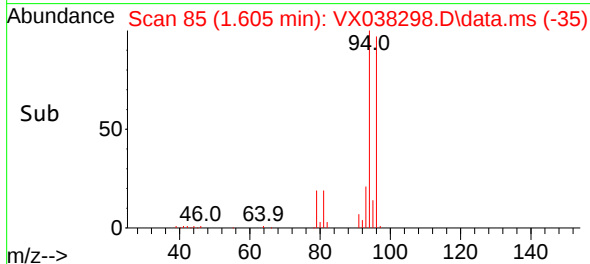
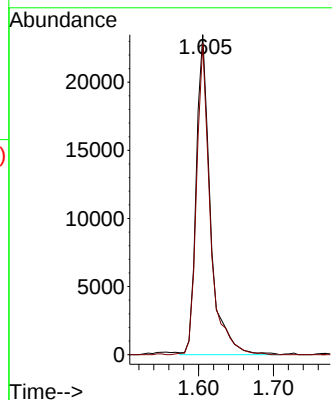
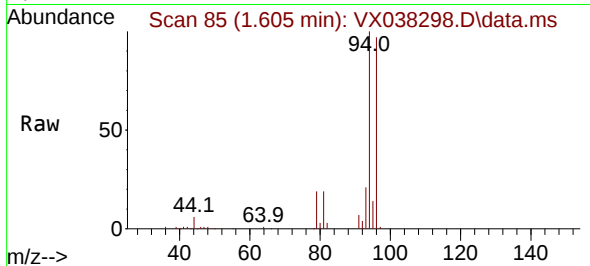
#5
Bromomethane
Concen: 13.969 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038298.D
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Instrument :
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Tgt Ion: 94 Resp: 30950
Ion Ratio Lower Upper
94 100
96 97.2 74.6 111.8

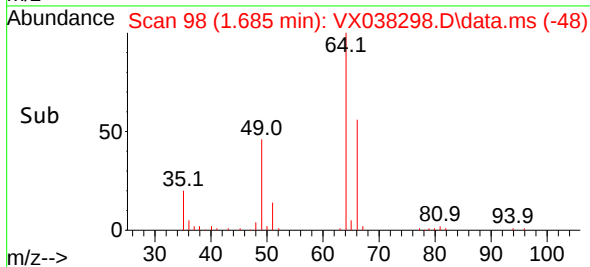
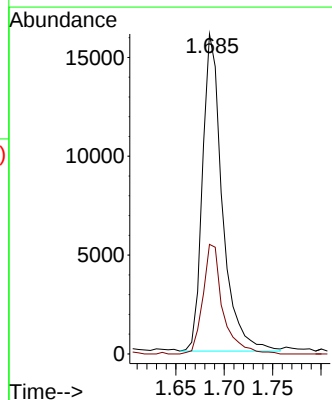
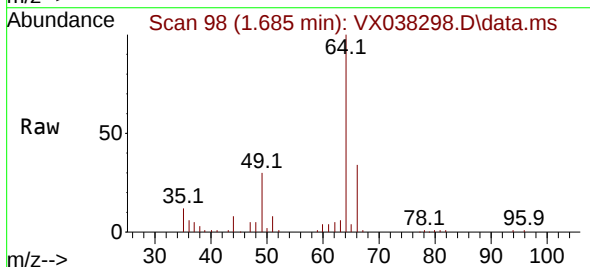
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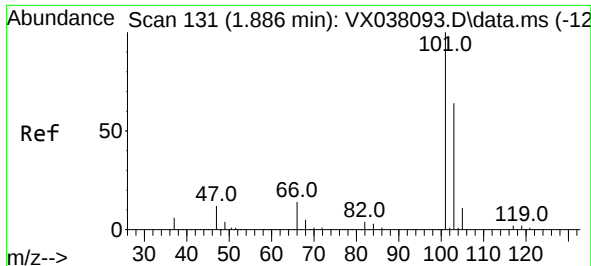
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#6
Chloroethane
Concen: 19.472 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

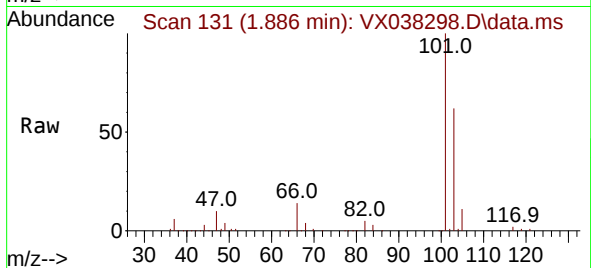
Tgt Ion: 64 Resp: 22923
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.107 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

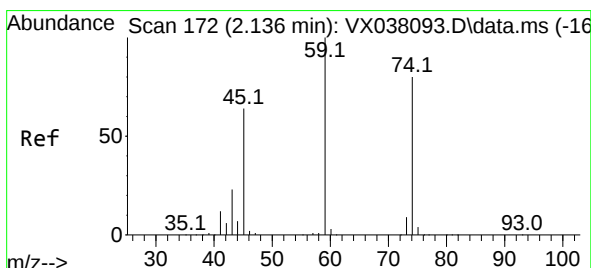
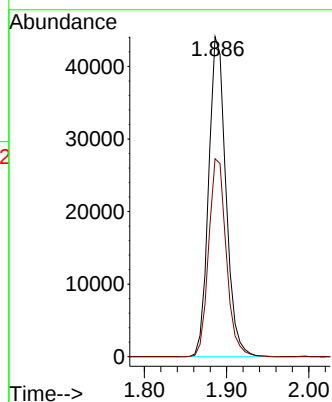
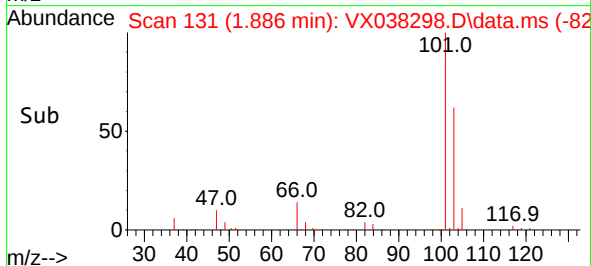
Instrument :
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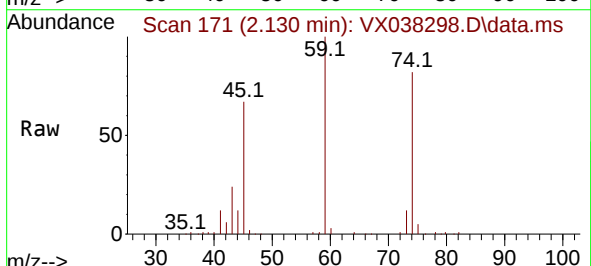
Tgt Ion:101 Resp: 64189
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.2

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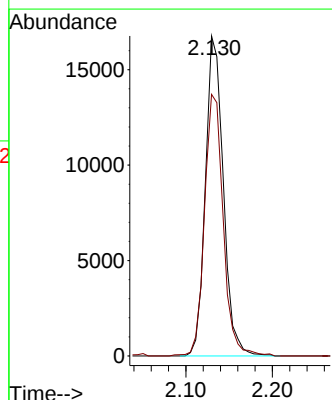
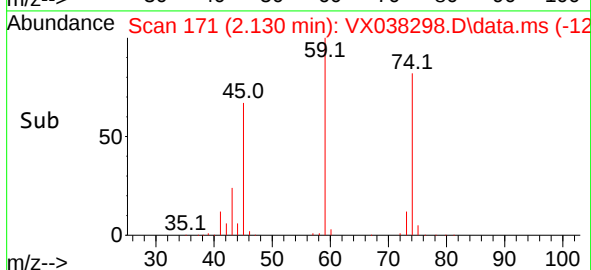
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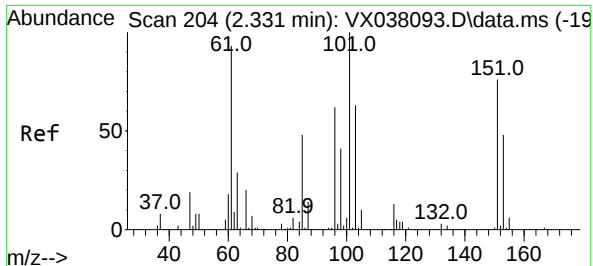


#8
Diethyl Ether
Concen: 20.223 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion: 74 Resp: 24078
Ion Ratio Lower Upper
74 100
45 85.5 53.3 159.8





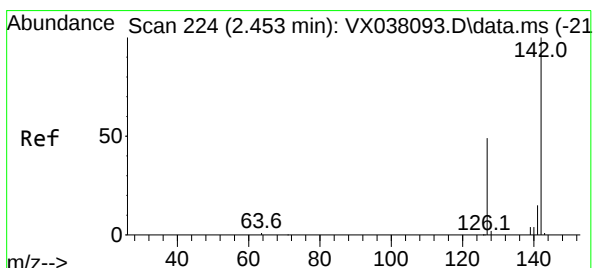
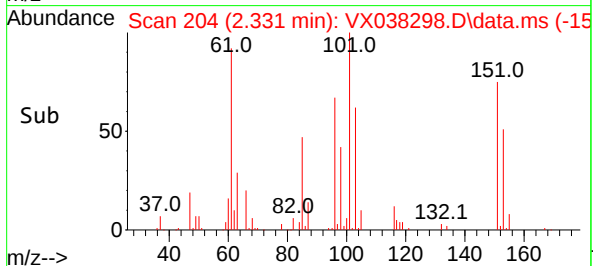
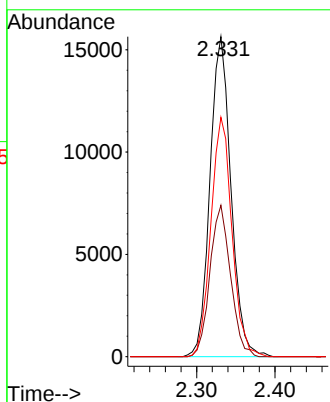
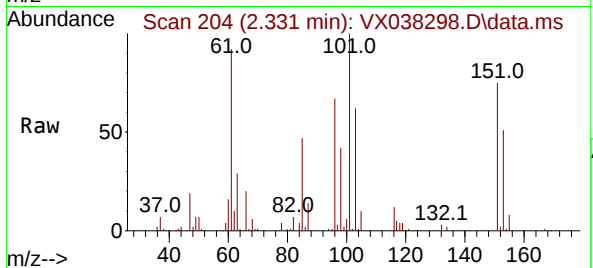
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.902 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion:101 Resp: 2913
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 75.2 58.6 87.8

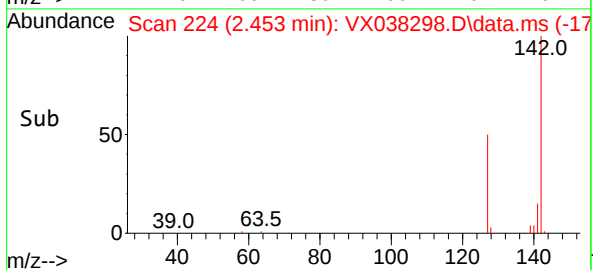
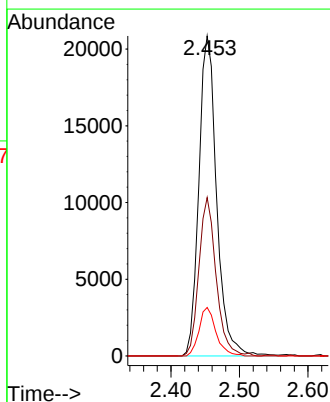
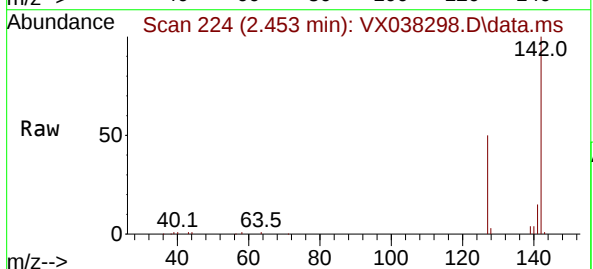
Manual Integrations
APPROVED

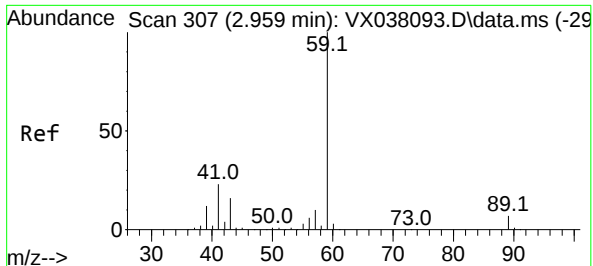
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#10
Methyl Iodide
Concen: 18.811 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion:142 Resp: 37721
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 84.982 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 59 Resp: 48560

Ion Ratio Lower Upper

59 100

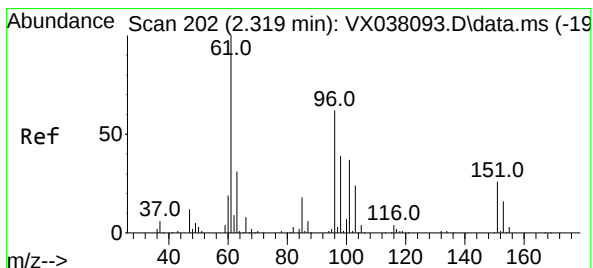
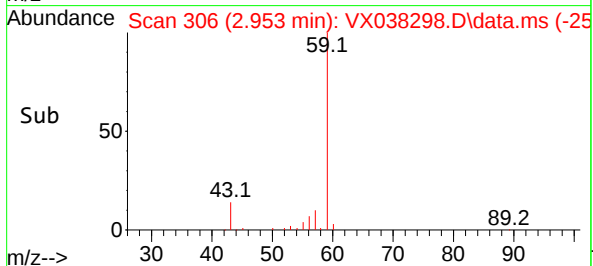
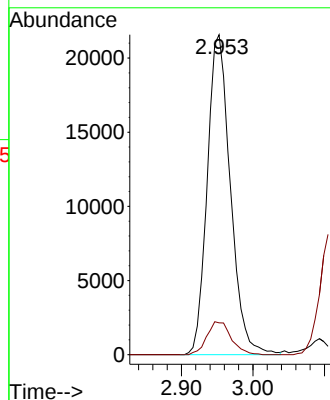
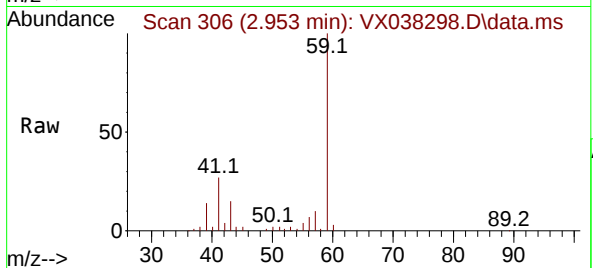
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#12

1,1-Dichloroethene

Concen: 20.440 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

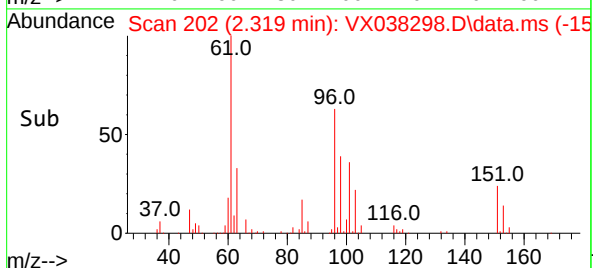
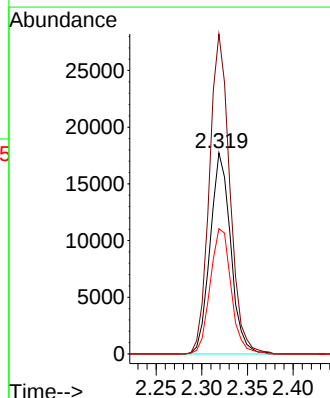
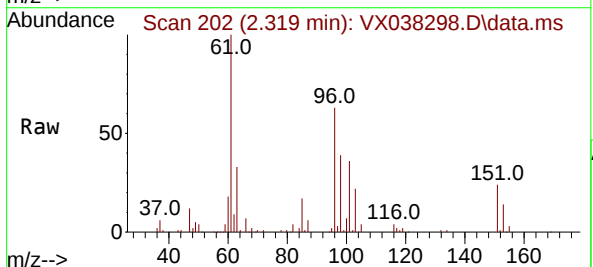
Tgt Ion: 96 Resp: 27710

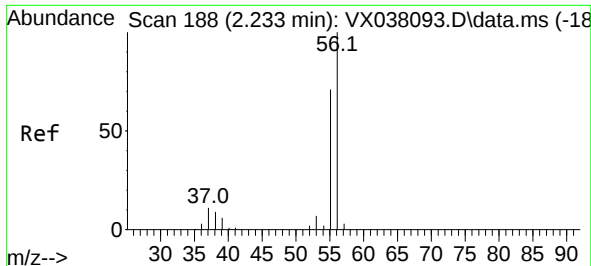
Ion Ratio Lower Upper

96 100

61 159.1 144.6 216.8

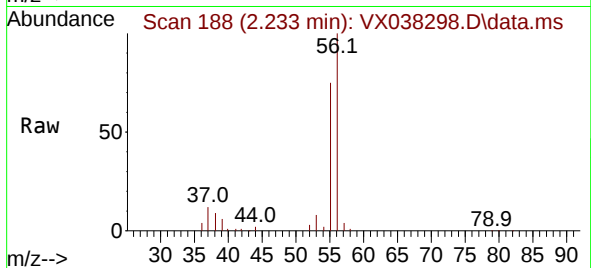
98 62.3 50.4 75.6





#13
Acrolein
Concen: 86.840 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

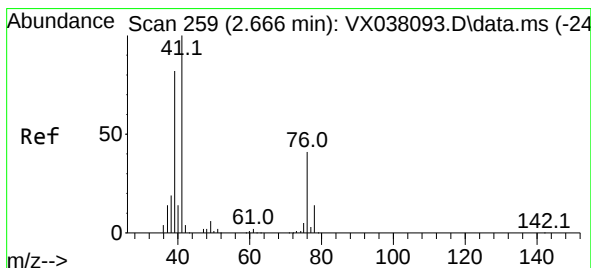
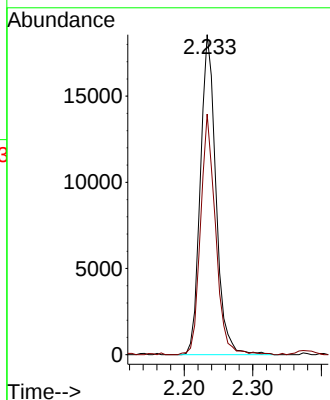
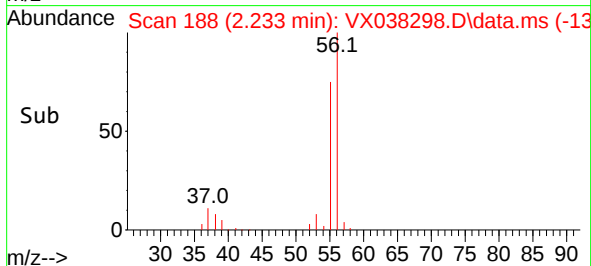
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion: 56 Resp: 2942
Ion Ratio Lower Upper
56 100
55 72.4 57.1 85.7

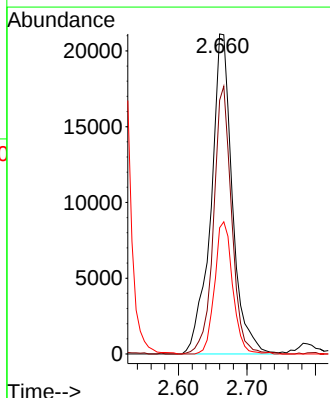
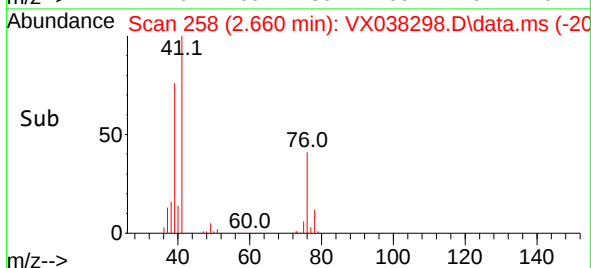
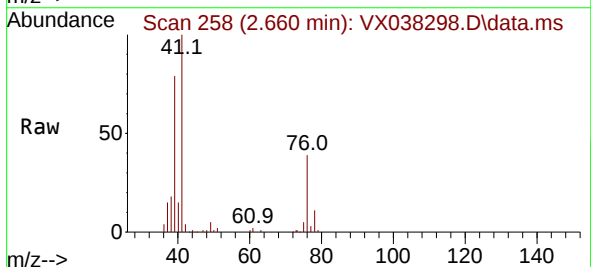
Manual Integrations
APPROVED

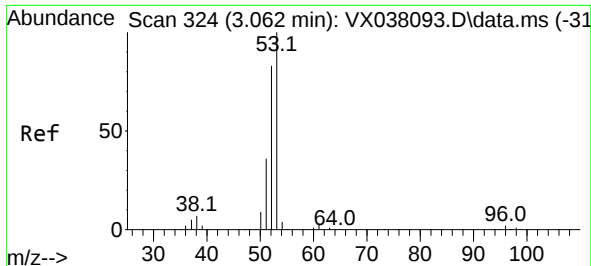
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#14
Allyl chloride
Concen: 18.959 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 41 Resp: 45972
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 34.6 24.3 36.5





#15

Acrylonitrile

Concen: 100.720 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 53 Resp: 109239

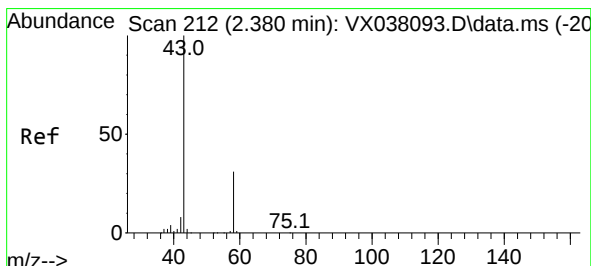
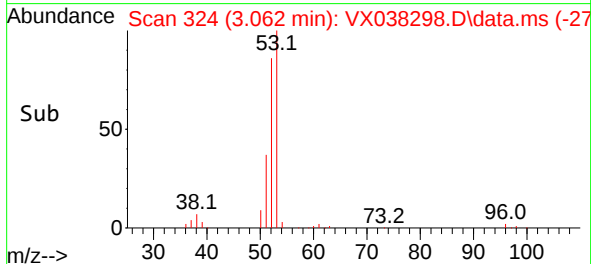
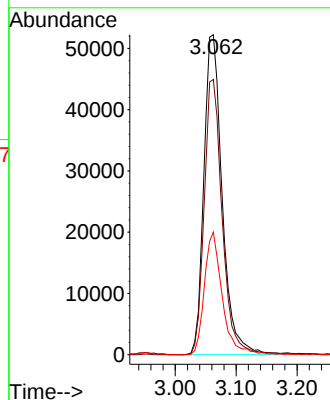
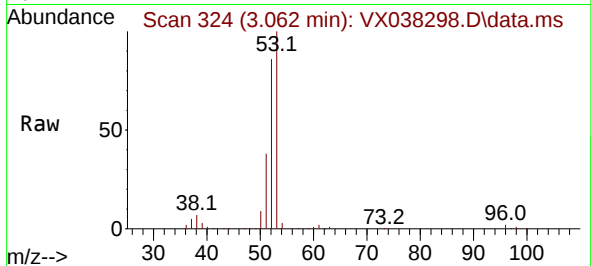
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.0	99.0
51	37.4	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#16

Acetone

Concen: 104.769 ug/l

RT: 2.374 min Scan# 211

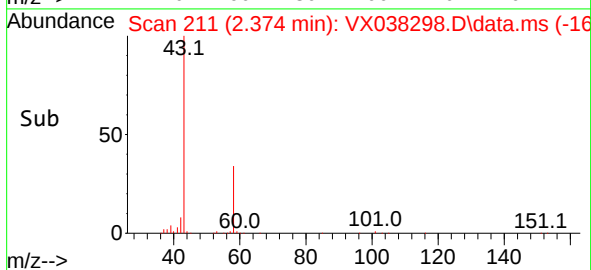
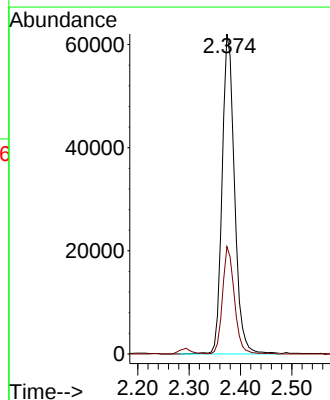
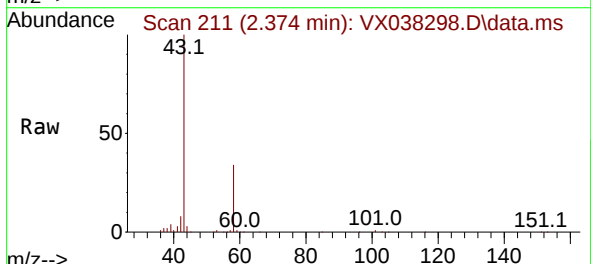
Delta R.T. -0.006 min

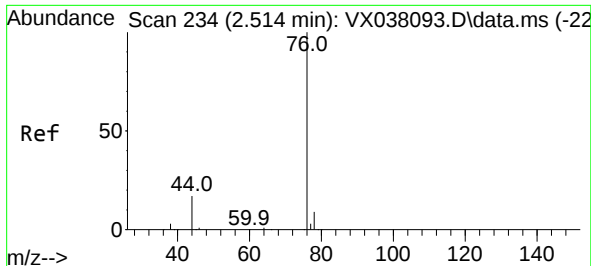
Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion: 43 Resp: 104209

Ion	Ratio	Lower	Upper
43	100		
58	33.5	21.9	32.9





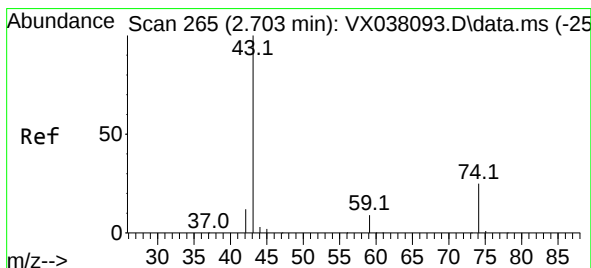
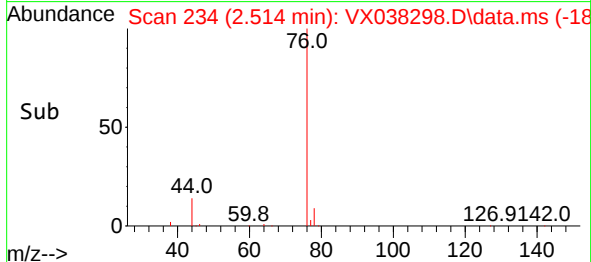
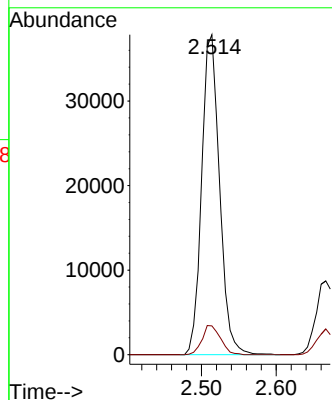
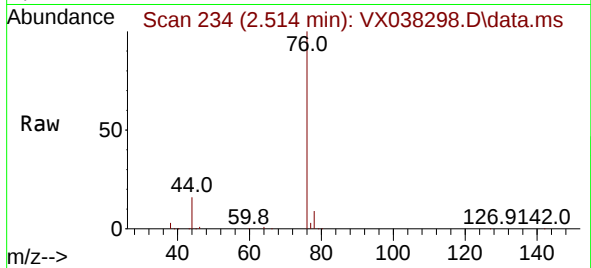
#17
Carbon Disulfide
Concen: 16.100 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 76 Resp: 62900
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

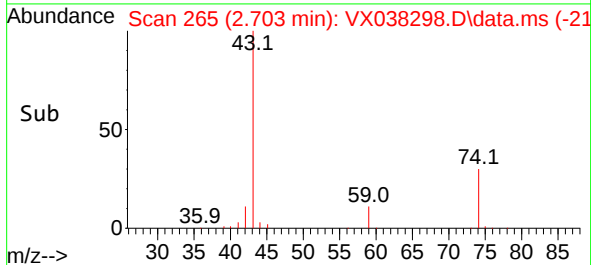
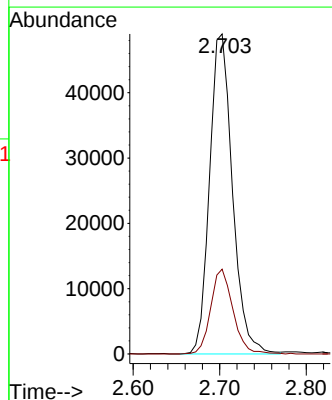
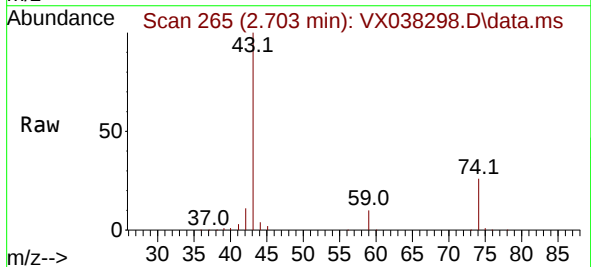
Manual Integrations
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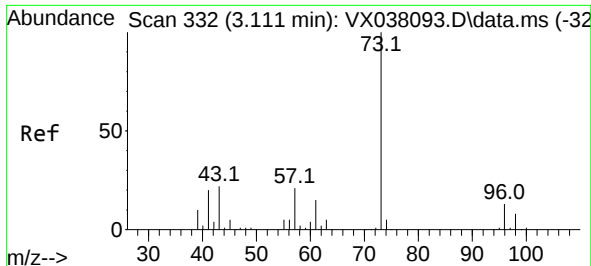
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#18
Methyl Acetate
Concen: 21.109 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 43 Resp: 90038
Ion Ratio Lower Upper
43 100
74 25.8 17.8 26.8





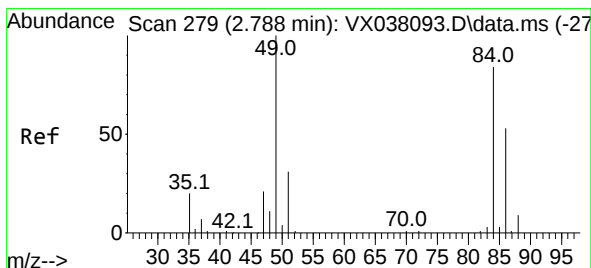
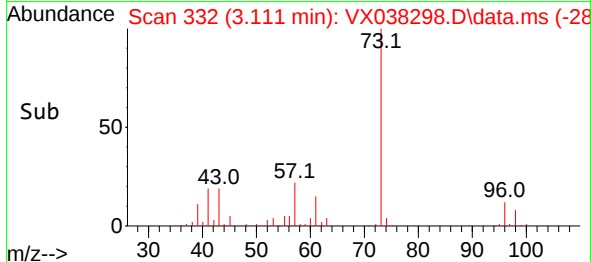
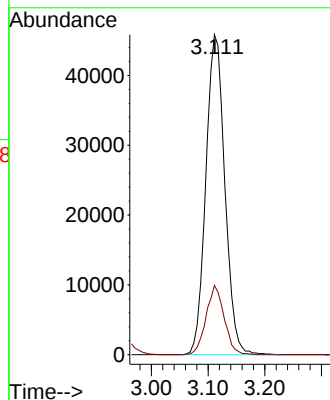
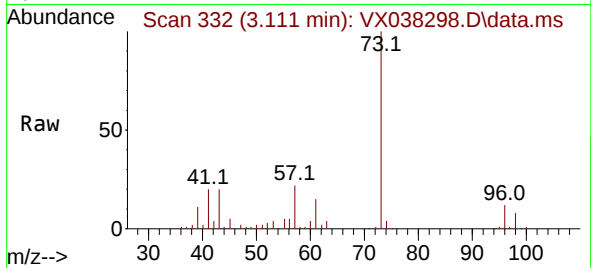
#19
Methyl tert-butyl Ether
Concen: 19.783 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 73 Resp: 106810
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

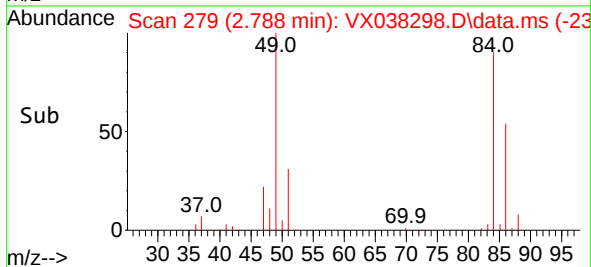
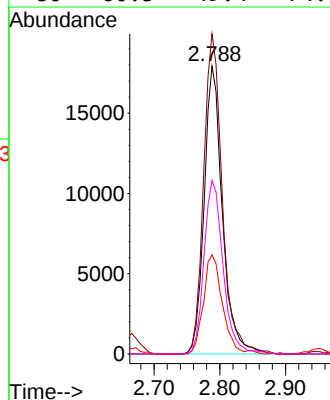
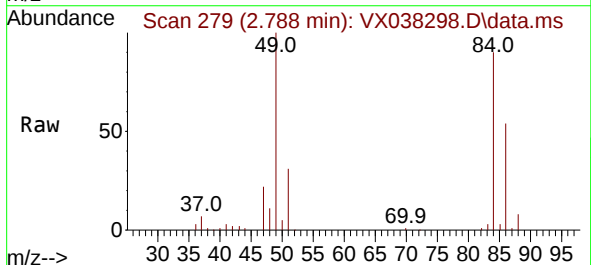
Manual Integrations
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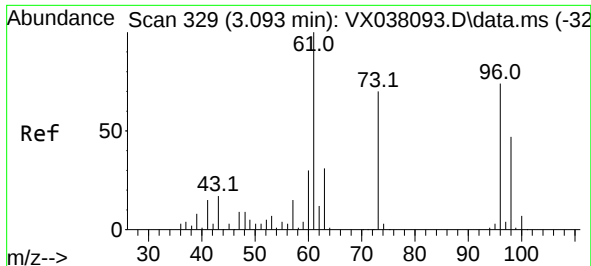
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#20
Methylene Chloride
Concen: 18.497 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

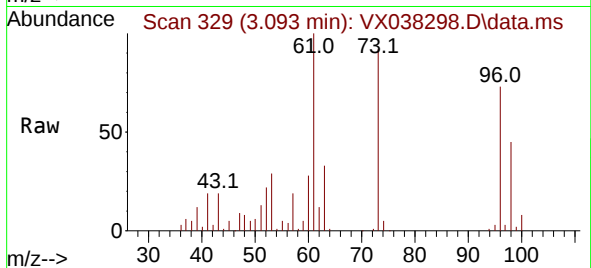
Tgt Ion: 84 Resp: 34606
Ion Ratio Lower Upper
84 100
49 111.3 103.6 155.4
51 34.4 33.8 50.6
86 60.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.682 ug/l
RT: 3.093 min Scan# 31358
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

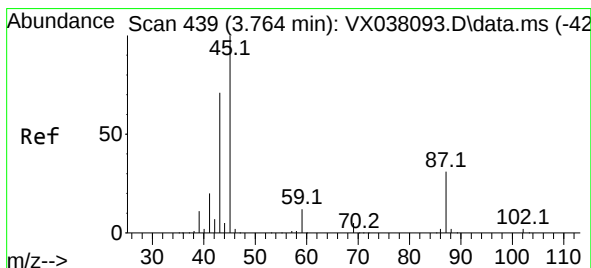
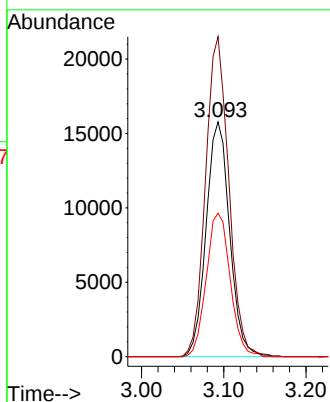
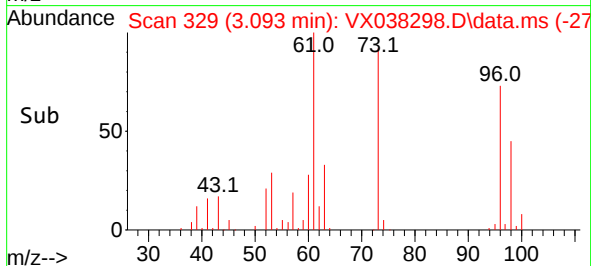
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



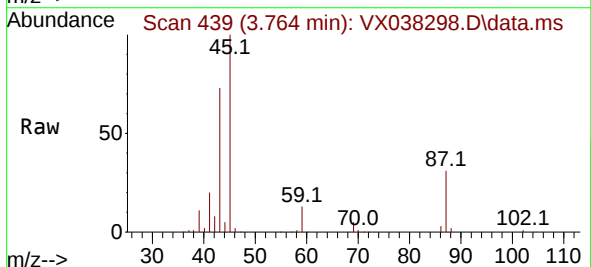
Tgt Ion: 96 Resp: 31358
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 61.1 48.7 73.1

Manual Integrations
APPROVED

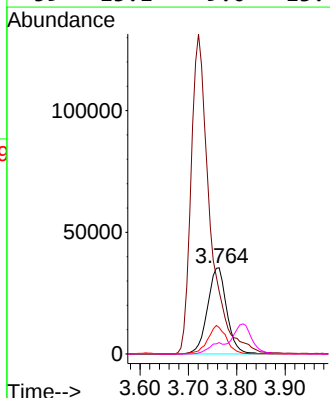
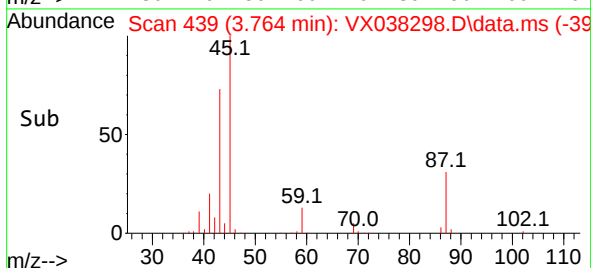
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

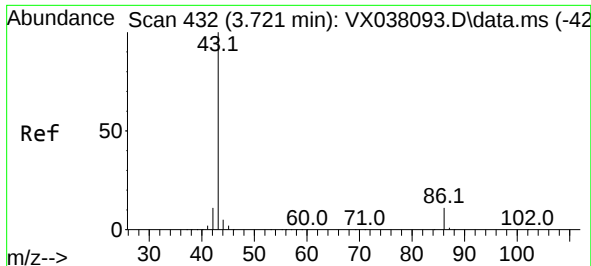


#22
Diisopropyl ether
Concen: 19.260 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion: 45 Resp: 97880
Ion Ratio Lower Upper
45 100
43 71.3 69.7 104.5
87 30.5 20.8 31.2
59 13.1 9.0 13.4





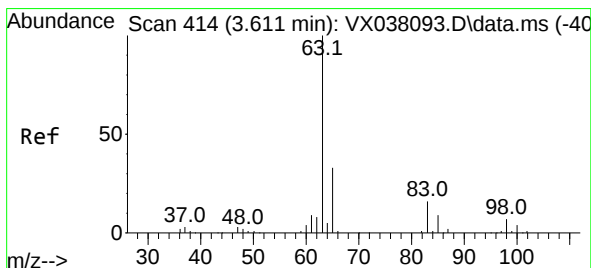
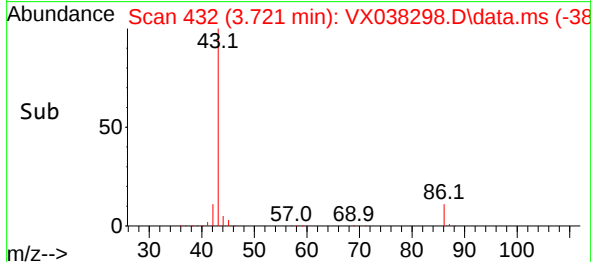
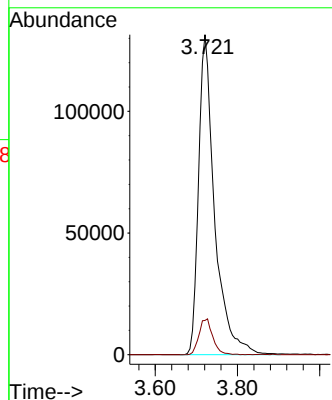
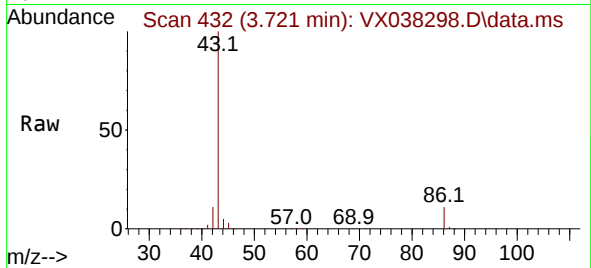
#23
 Vinyl Acetate
 Concen: 95.598 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038298.D
 Acq: 16 Oct 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Tgt Ion: 43 Resp: 35628
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

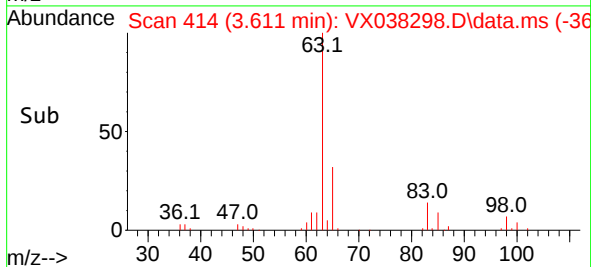
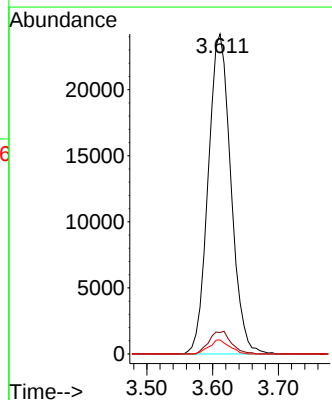
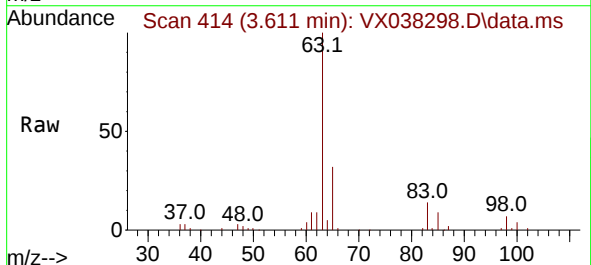
Manual Integrations
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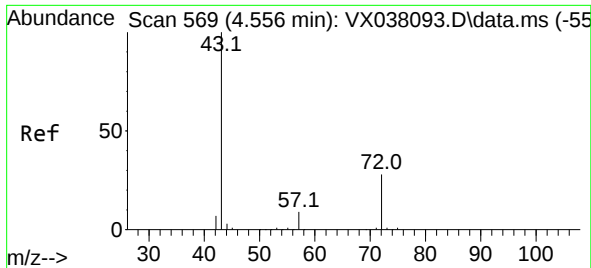
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.849 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038298.D
 Acq: 16 Oct 2023 12:50

Tgt Ion: 63 Resp: 58135
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 98.582 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 43 Resp: 158210

Ion Ratio Lower Upper

43 100

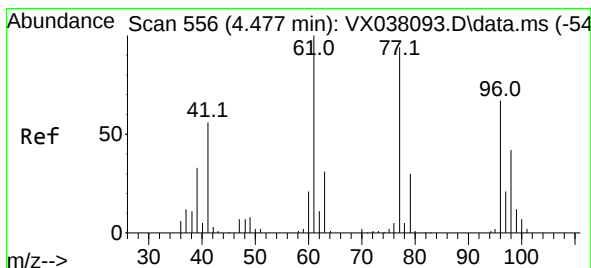
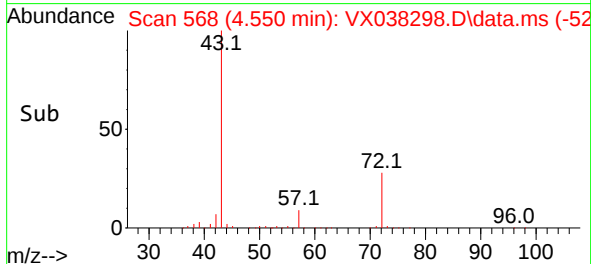
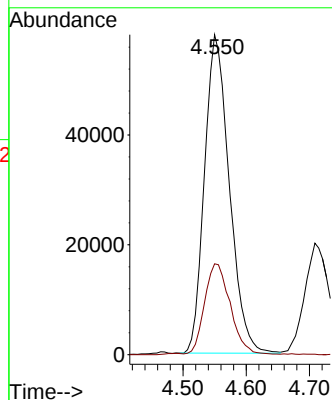
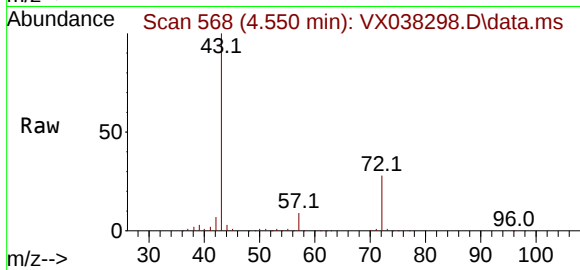
72 28.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#26

2,2-Dichloropropane

Concen: 18.010 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038298.D

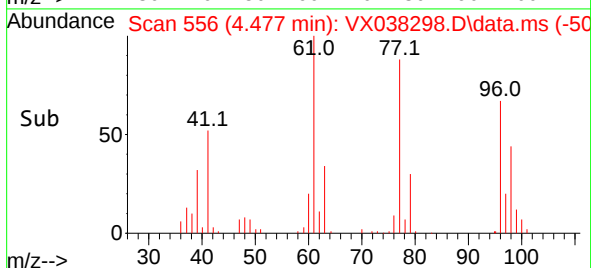
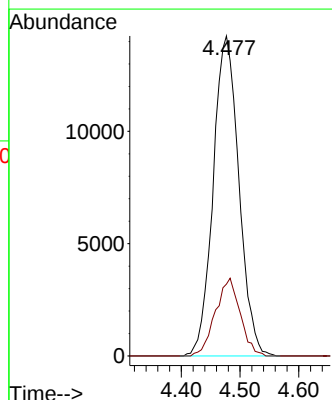
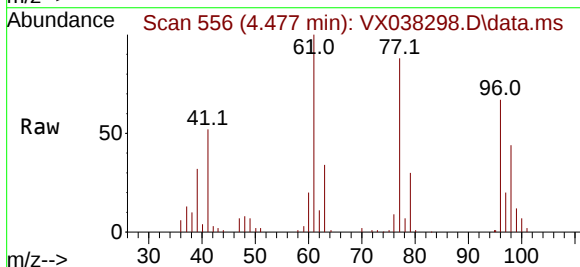
Acq: 16 Oct 2023 12:50

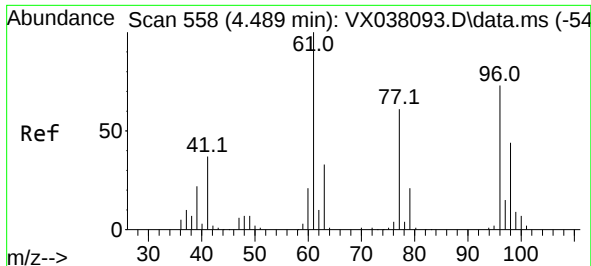
Tgt Ion: 77 Resp: 43368

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.141 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 96 Resp: 38264

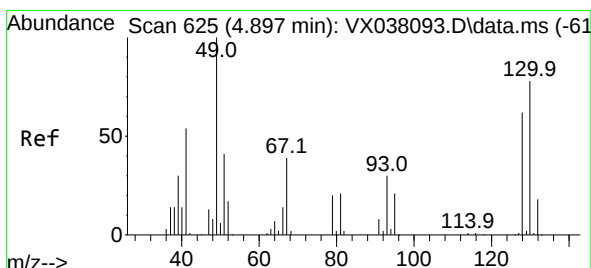
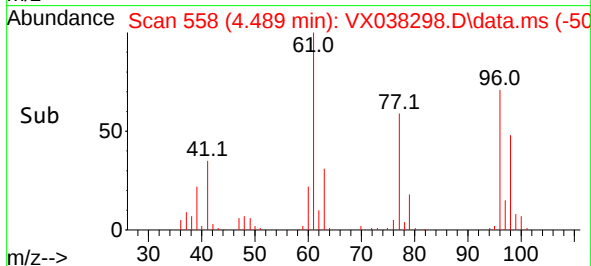
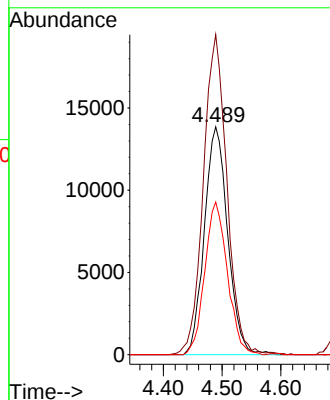
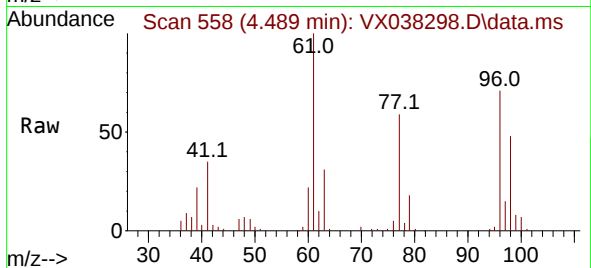
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	312.2
98	65.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#28

Bromochloromethane

Concen: 20.102 ug/l

RT: 4.898 min Scan# 625

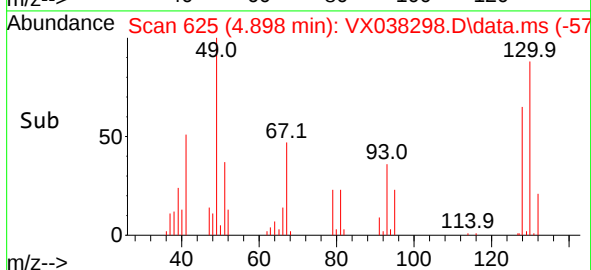
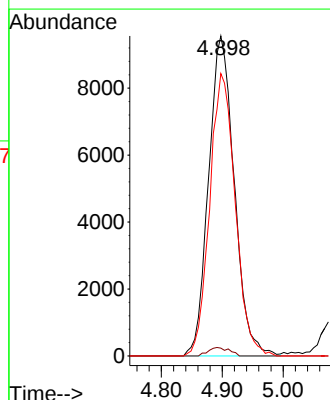
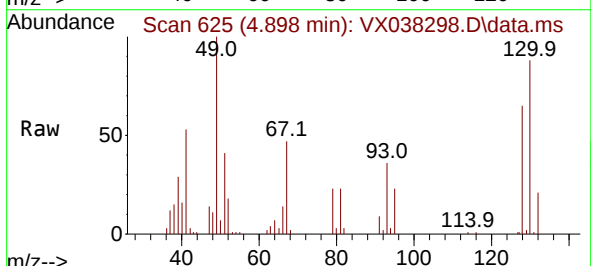
Delta R.T. 0.000 min

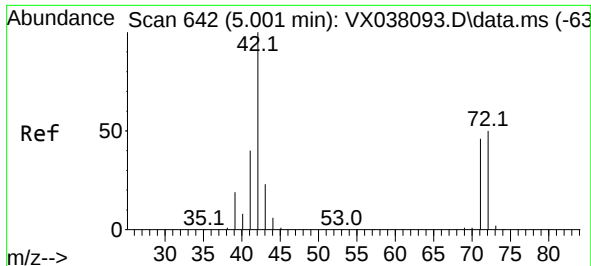
Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion: 49 Resp: 27988

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	87.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 96.726 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 42 Resp: 10106

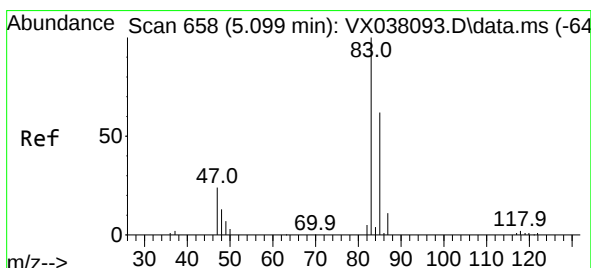
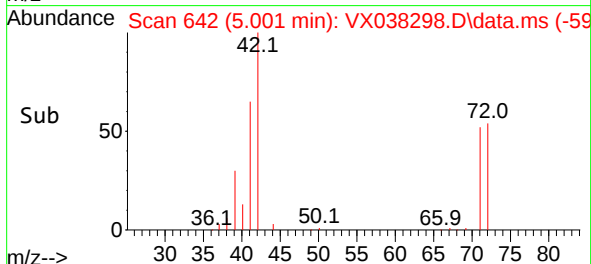
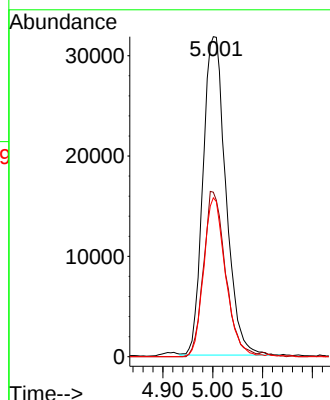
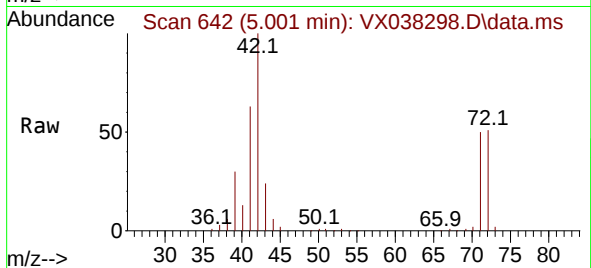
Ion	Ratio	Lower	Upper
42	100		
72	49.9	34.2	51.4
71	48.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#30

Chloroform

Concen: 19.945 ug/l

RT: 5.093 min Scan# 657

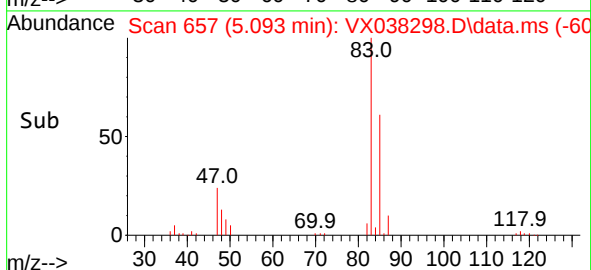
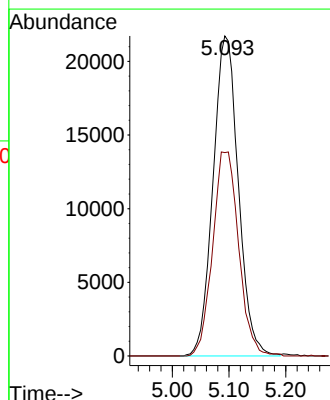
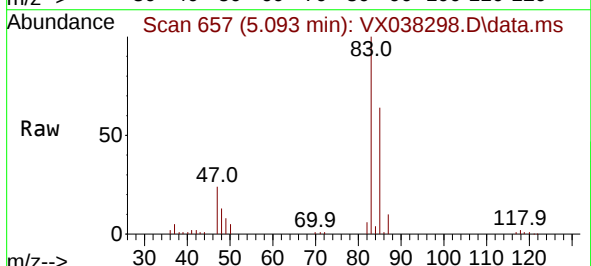
Delta R.T. -0.000 min

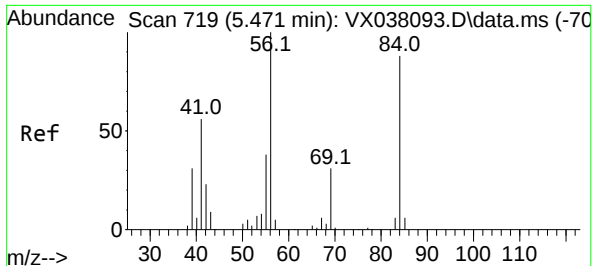
Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion: 83 Resp: 67267

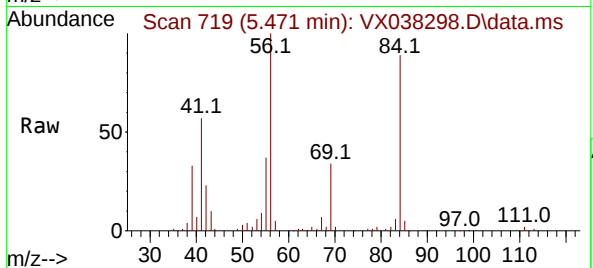
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.3	75.5





#31
Cyclohexane
Concen: 17.392 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

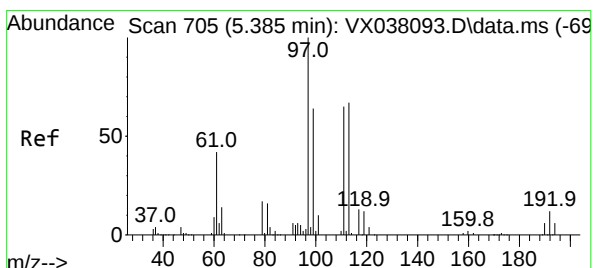
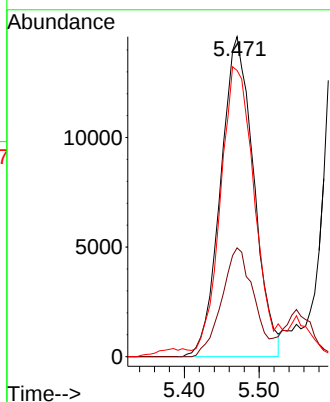
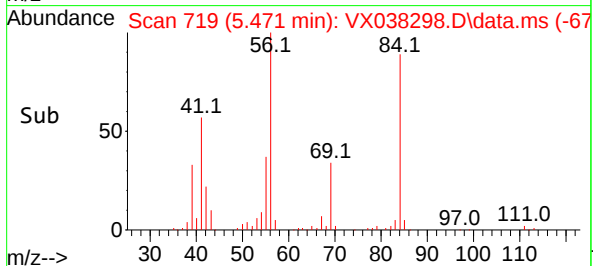
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



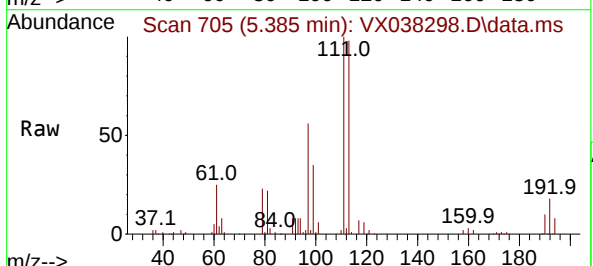
Tgt Ion: 56 Resp: 4490
Ion Ratio Lower Upper
56 100
69 34.0 23.4 35.2
84 87.5 65.9 98.9

Manual Integrations
APPROVED

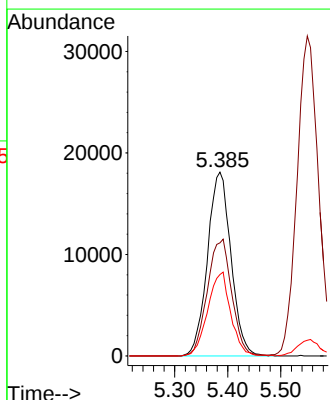
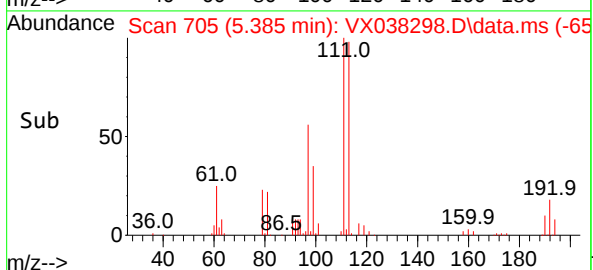
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

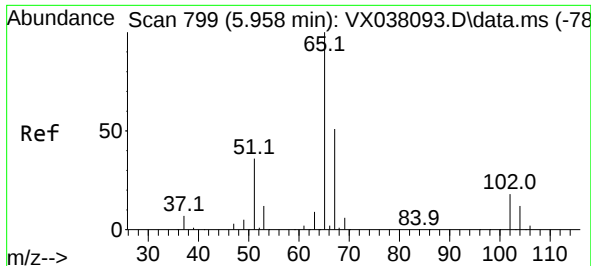


#32
1,1,1-Trichloroethane
Concen: 19.328 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



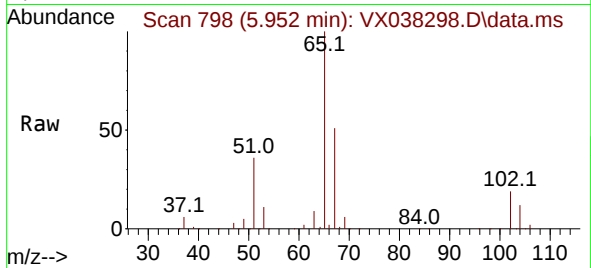
Tgt Ion: 97 Resp: 55835
Ion Ratio Lower Upper
97 100
99 65.8 51.1 76.7
61 44.3 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.903 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

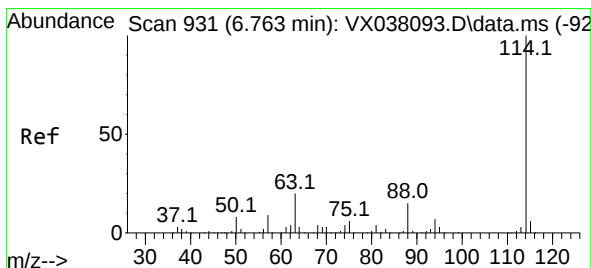
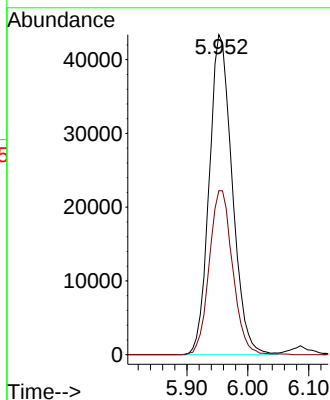
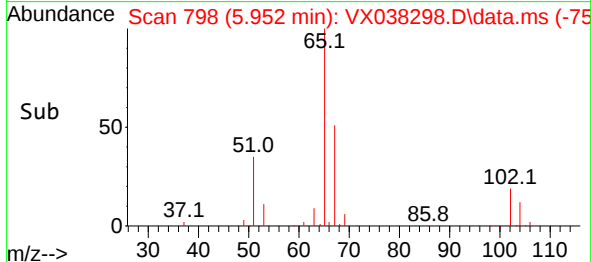
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



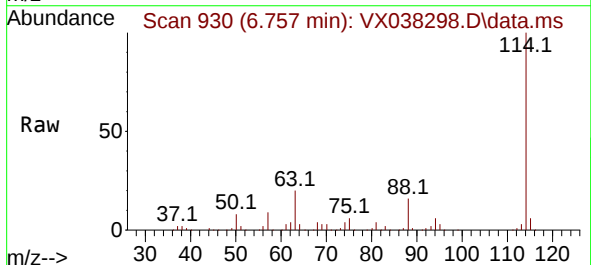
Tgt Ion: 65 Resp: 11416
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

Manual Integrations
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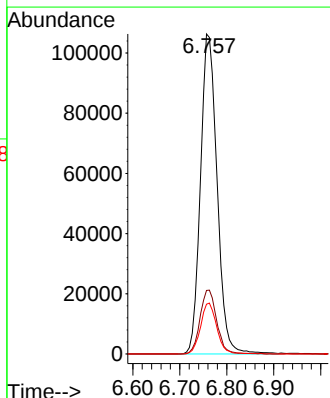
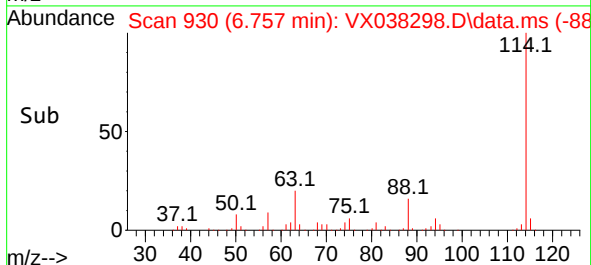
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

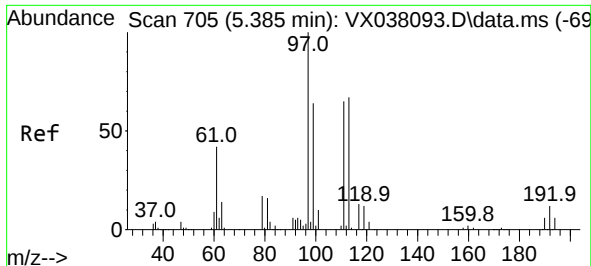


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



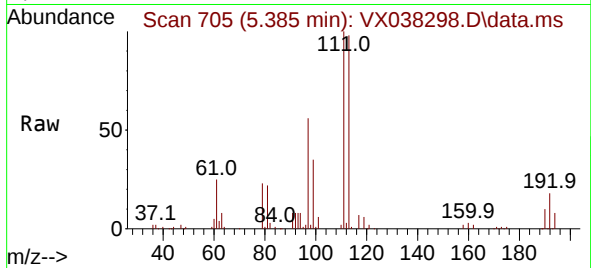
Tgt Ion:114 Resp: 261055
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

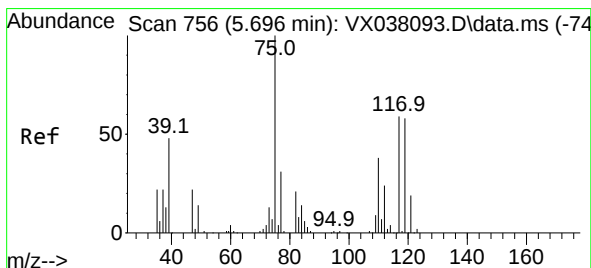
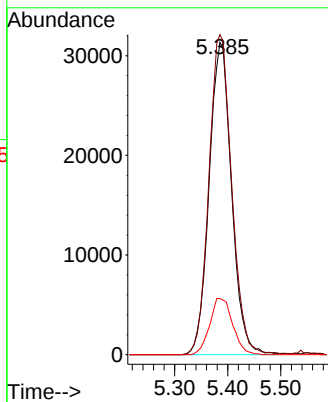
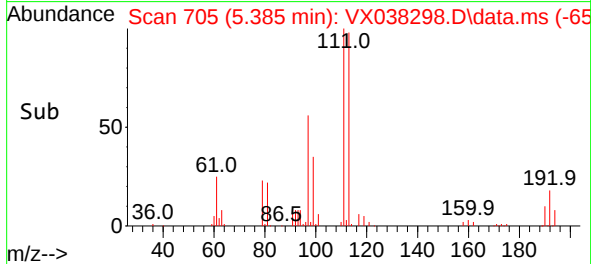
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion: 113 Resp: 91832
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.5 13.3 19.9

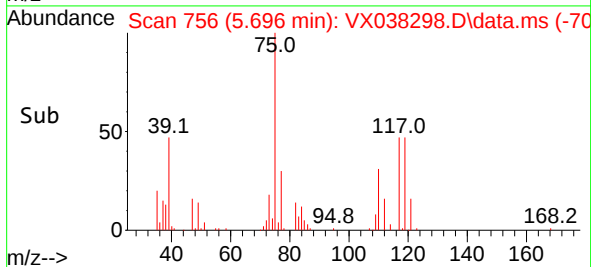
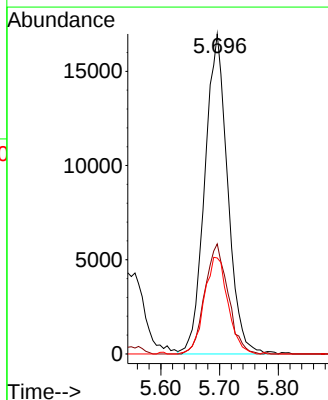
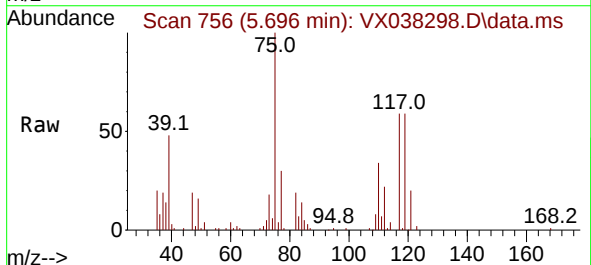
Manual Integrations
APPROVED

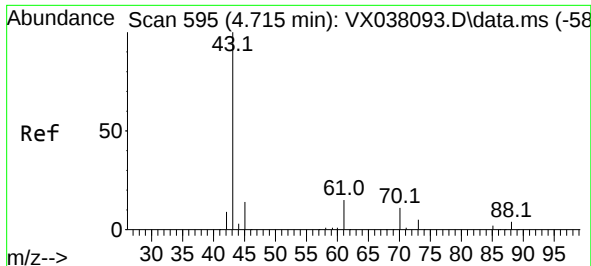
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#36
1,1-Dichloropropene
Concen: 17.742 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 75 Resp: 46022
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 18.753 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 43 Resp: 5777

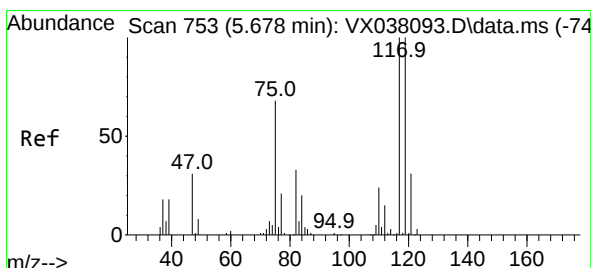
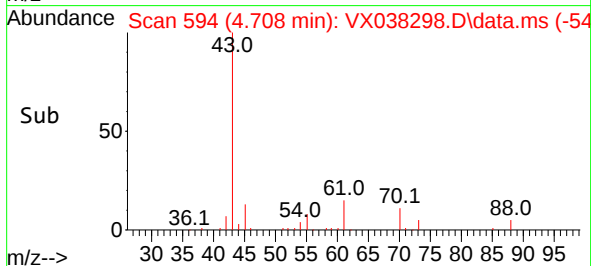
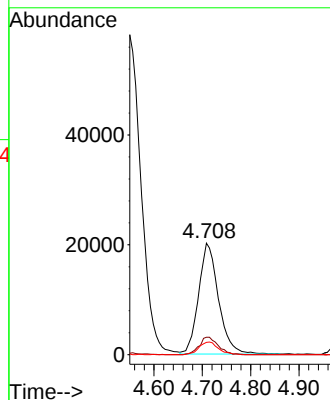
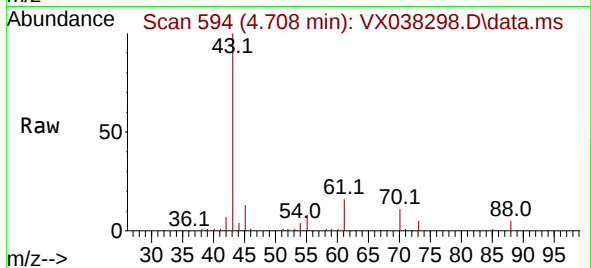
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	16.0
70	11.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#38

Carbon Tetrachloride

Concen: 18.542 ug/l

RT: 5.678 min Scan# 753

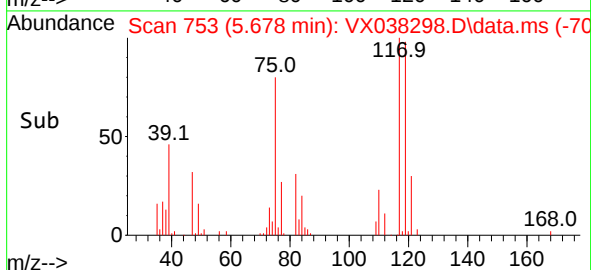
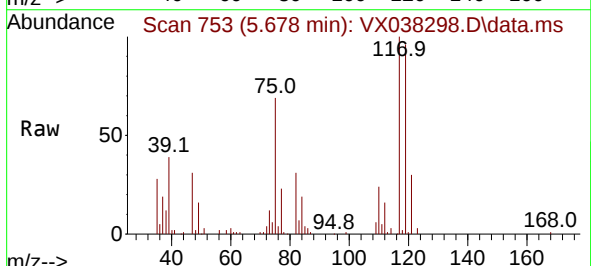
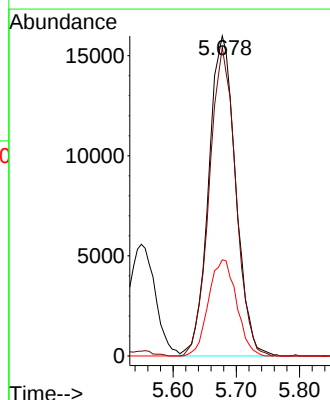
Delta R.T. -0.000 min

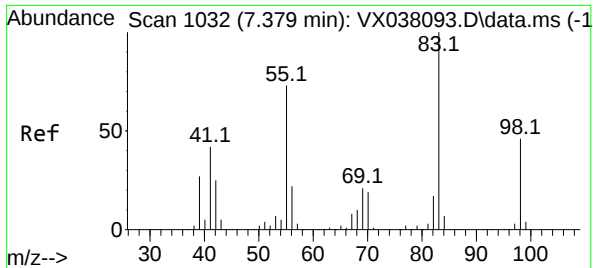
Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion:117 Resp: 47314

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
121	30.0	24.4	36.6





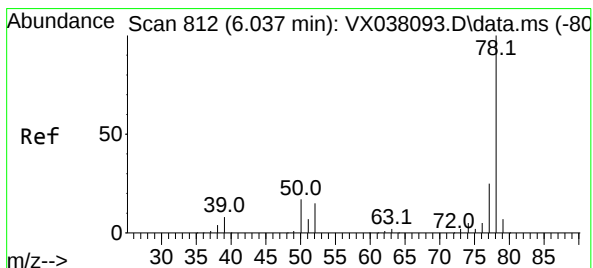
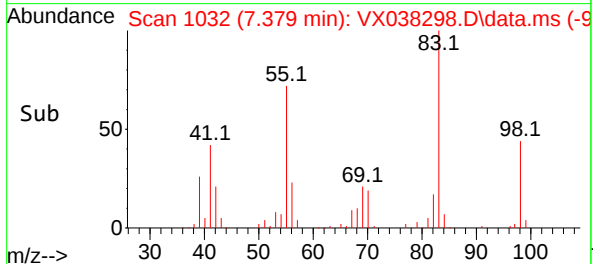
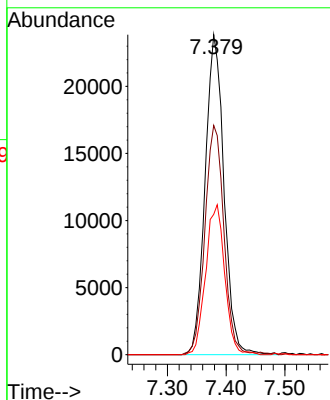
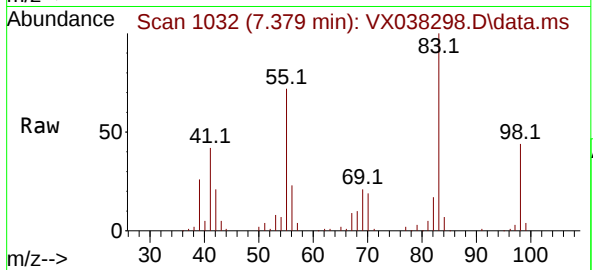
#39
Methylcyclohexane
Concen: 17.478 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 83 Resp: 53104
Ion Ratio Lower Upper
83 100
55 71.6 64.6 97.0
98 43.8 36.7 55.1

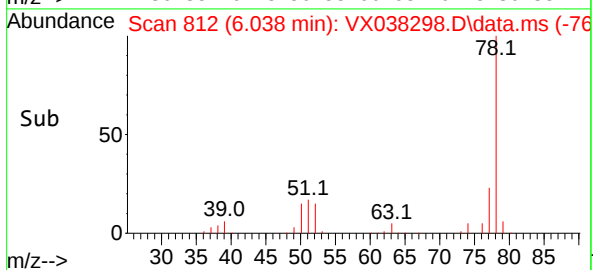
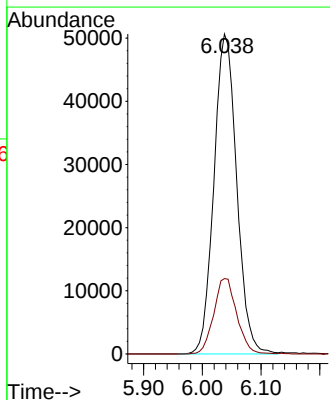
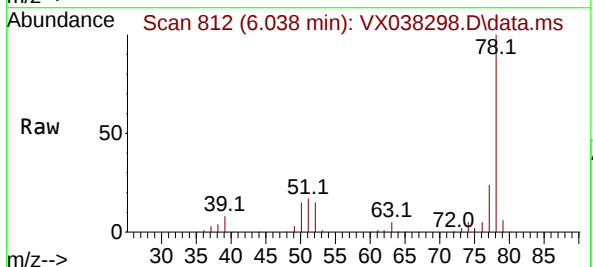
Manual Integrations
APPROVED

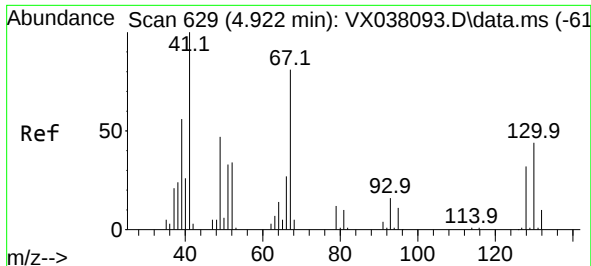
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#40
Benzene
Concen: 18.816 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

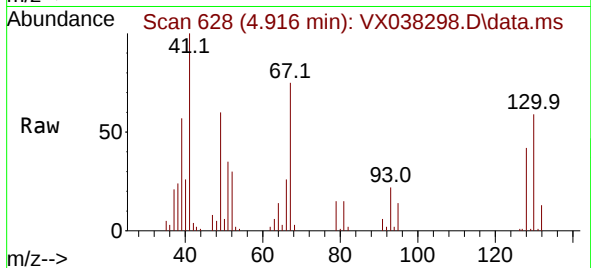
Tgt Ion: 78 Resp: 136512
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 19.099 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

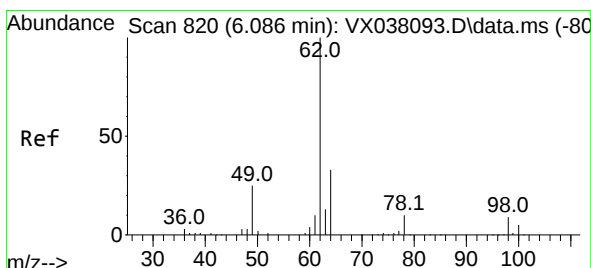
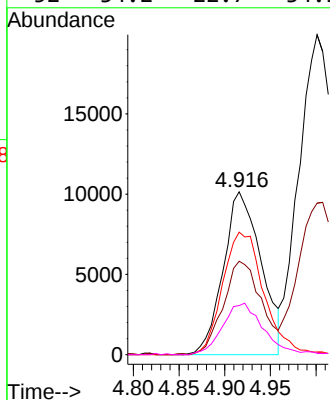
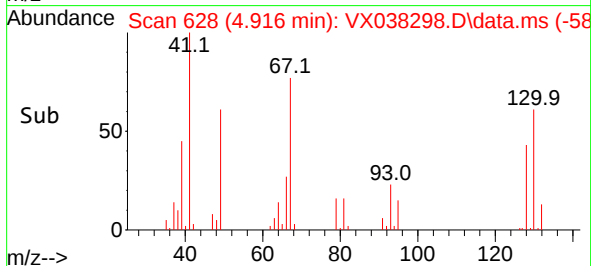
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion: 41 Resp: 29270
Ion Ratio Lower Upper
41 100
39 58.1 45.2 67.8
67 82.0 52.6 78.8
52 34.2 22.7 34.1#

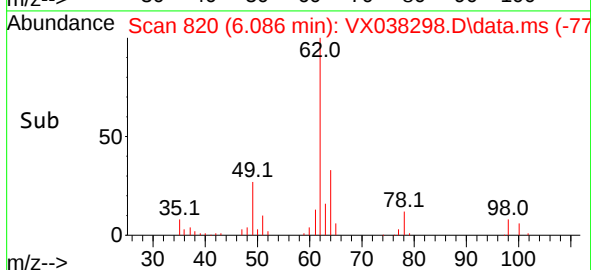
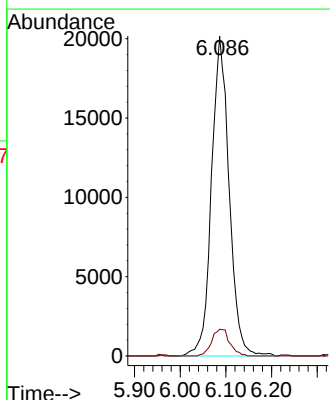
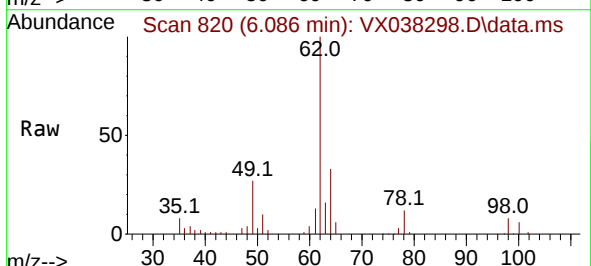
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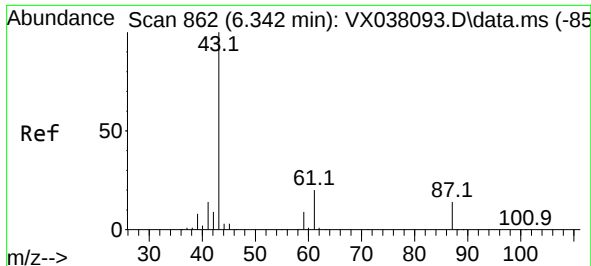
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#42
1,2-Dichloroethane
Concen: 18.647 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 62 Resp: 54051
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.454 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 43 Resp: 8486

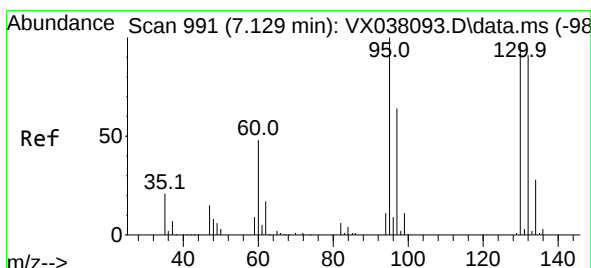
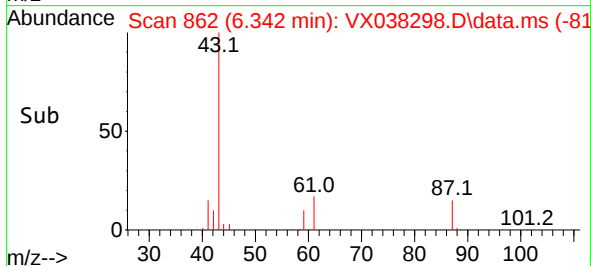
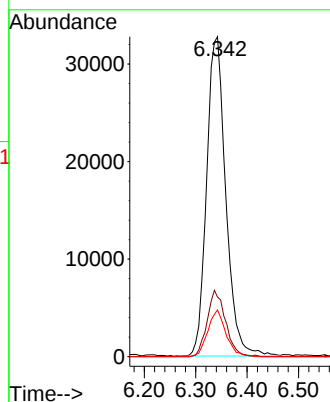
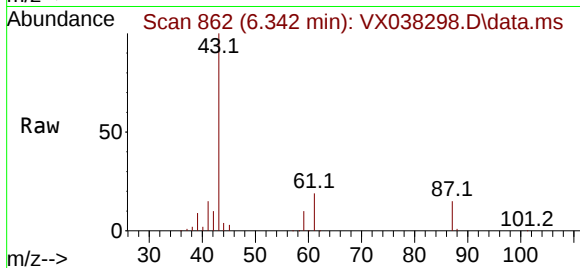
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.2	22.8
87	13.8	9.8	14.6

Manual Integrations

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Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#44

Trichloroethene

Concen: 19.369 ug/l

RT: 7.129 min Scan# 991

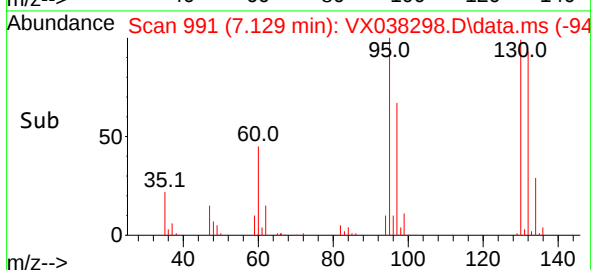
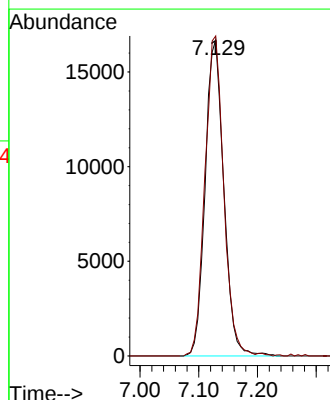
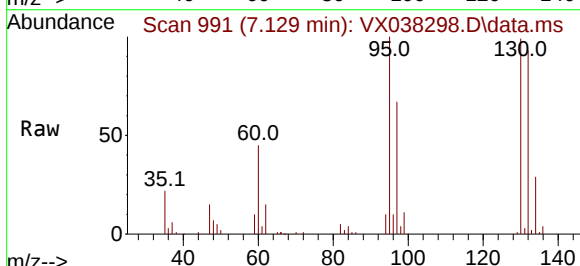
Delta R.T. -0.000 min

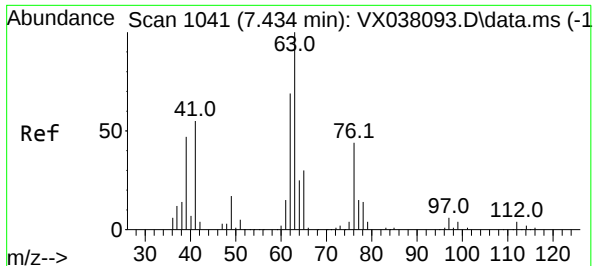
Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion:130 Resp: 36755

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.158 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 63 Resp: 35974

Ion Ratio Lower Upper

63 100

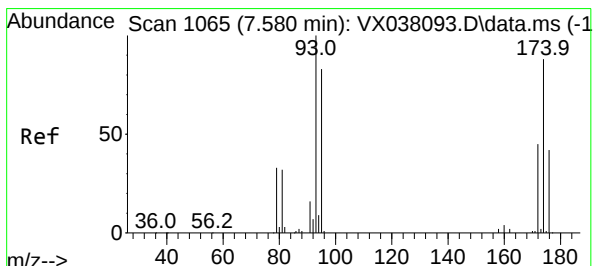
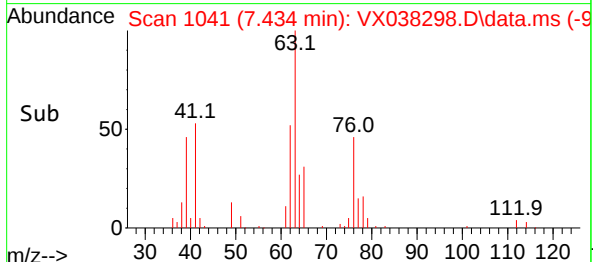
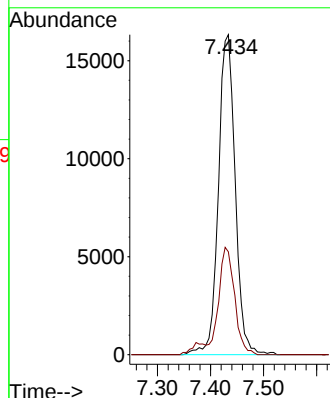
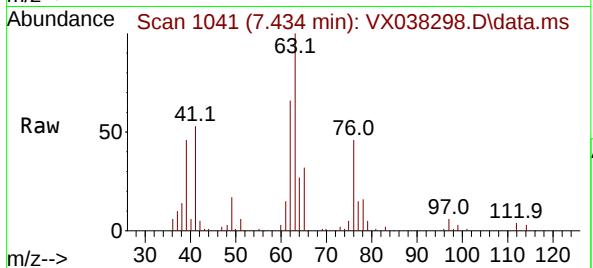
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#46

Dibromomethane

Concen: 19.754 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

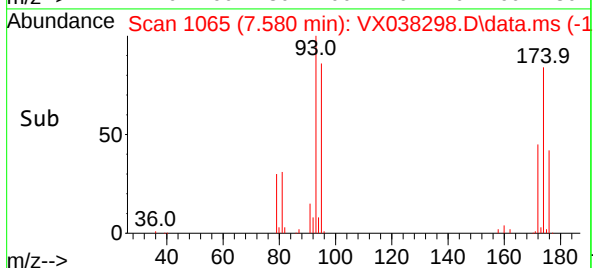
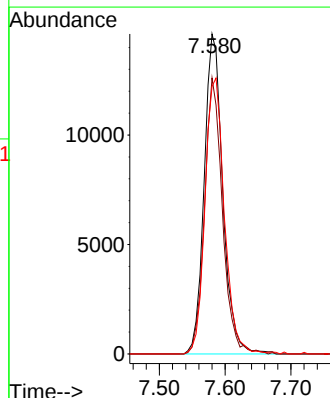
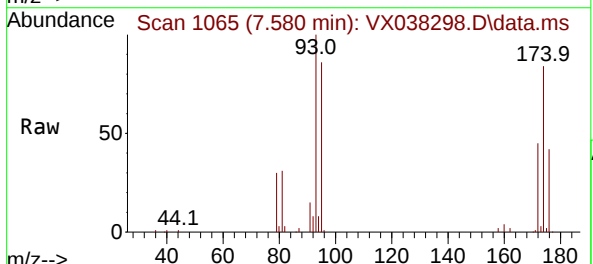
Tgt Ion: 93 Resp: 28769

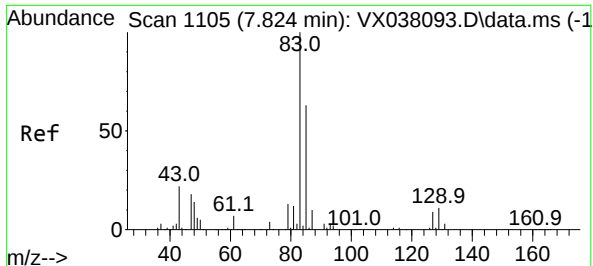
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 89.7 69.4 104.0





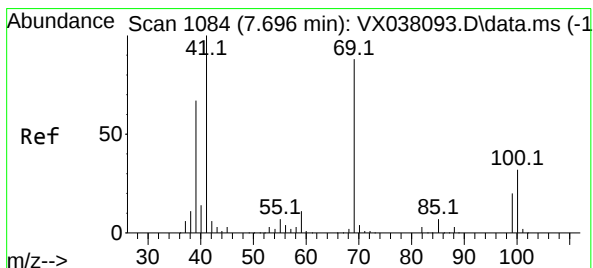
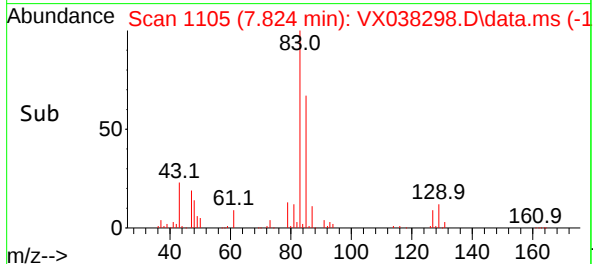
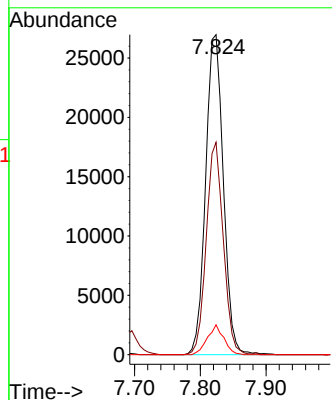
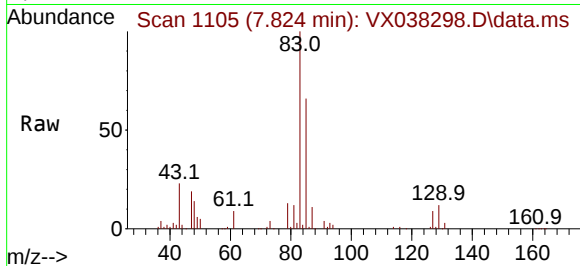
#47
Bromodichloromethane
Concen: 19.533 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 83 Resp: 5060
Ion Ratio Lower Upper
83 100
85 66.4 49.8 74.6
127 9.4 7.1 10.7

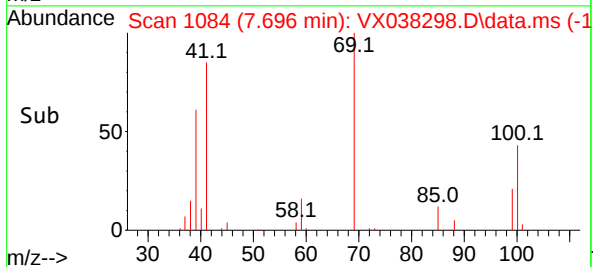
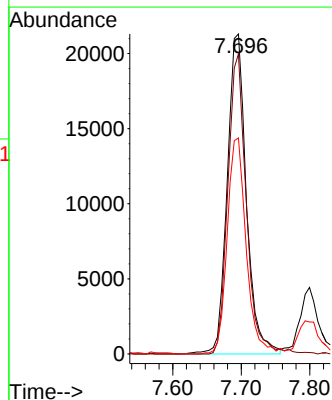
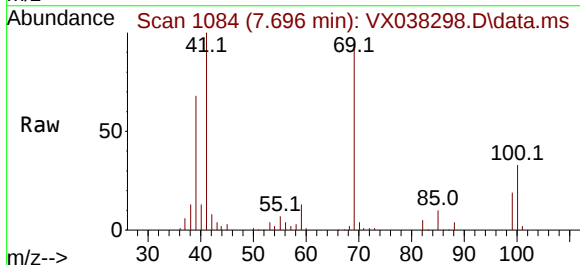
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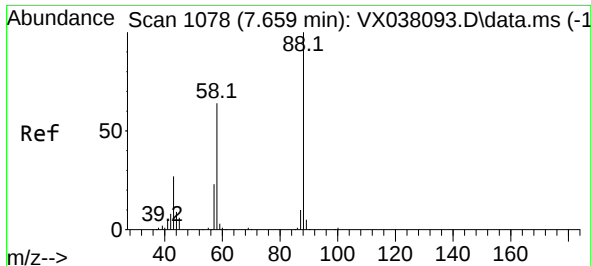
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#48
Methyl methacrylate
Concen: 18.853 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 41 Resp: 41392
Ion Ratio Lower Upper
41 100
69 90.4 59.2 88.8#
39 67.2 47.7 71.5





#49

1,4-Dioxane

Concen: 412.932 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

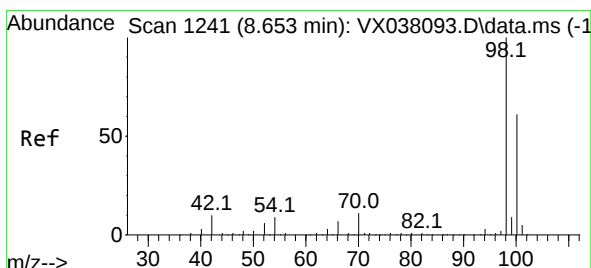
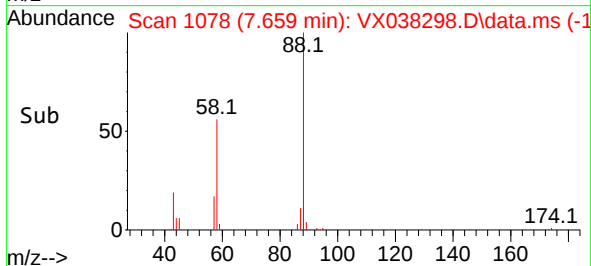
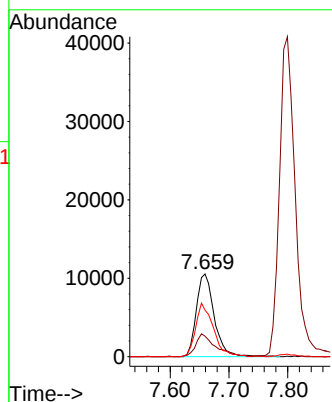
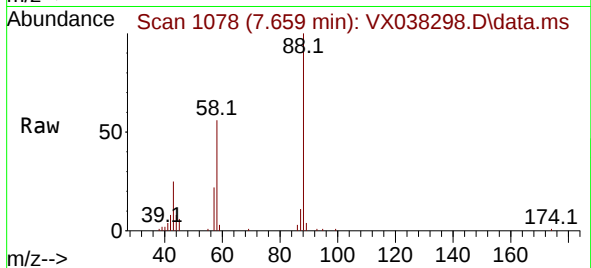
Tgt Ion: 88 Resp: 22340
 Ion Ratio Lower Upper
 88 100
 43 30.2 0.0 0.0
 58 63.8 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#50

Toluene-d8

Concen: 47.297 ug/l

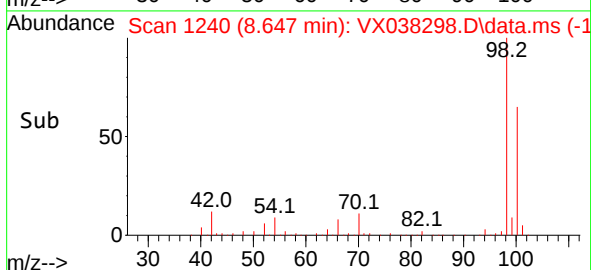
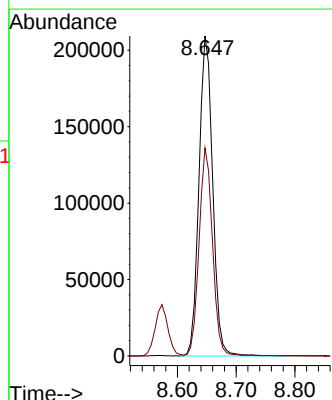
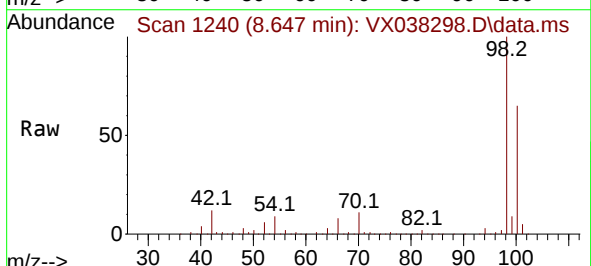
RT: 8.647 min Scan# 1240

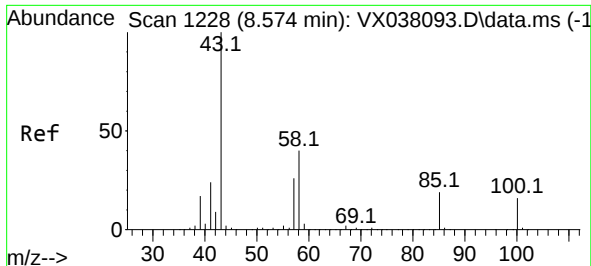
Delta R.T. -0.006 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion: 98 Resp: 339974
 Ion Ratio Lower Upper
 98 100
 100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 98.348 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 43 Resp: 311970

Ion Ratio Lower Upper

43 100

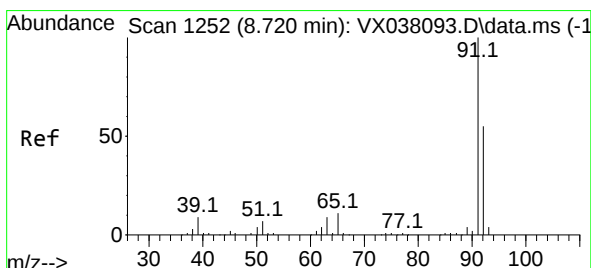
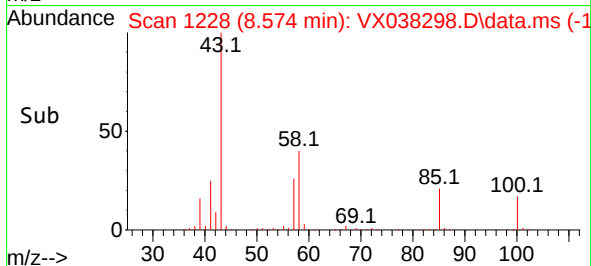
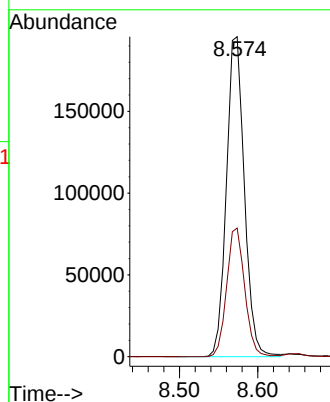
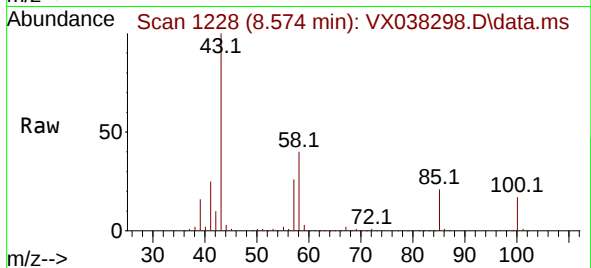
58 40.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#52

Toluene

Concen: 19.232 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038298.D

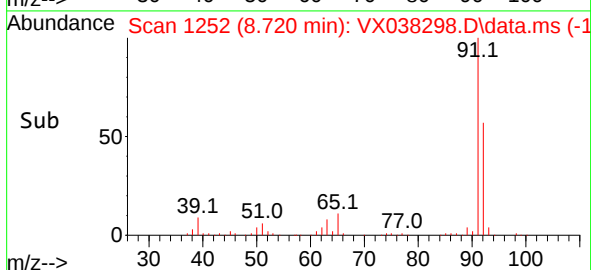
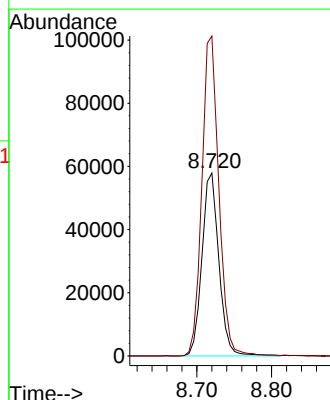
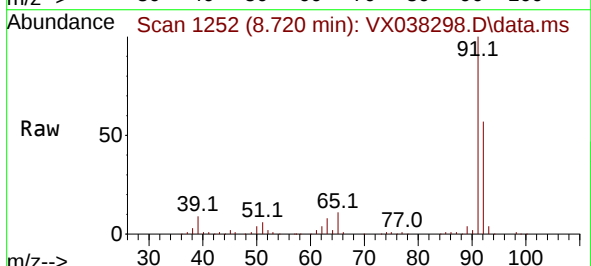
Acq: 16 Oct 2023 12:50

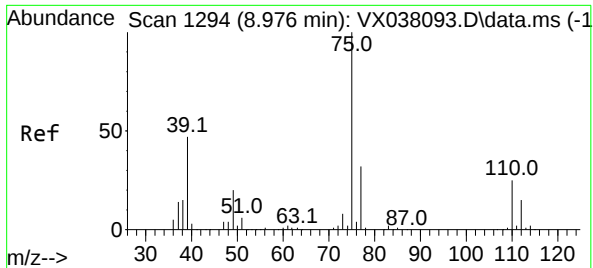
Tgt Ion: 92 Resp: 90893

Ion Ratio Lower Upper

92 100

91 176.3 134.2 201.2





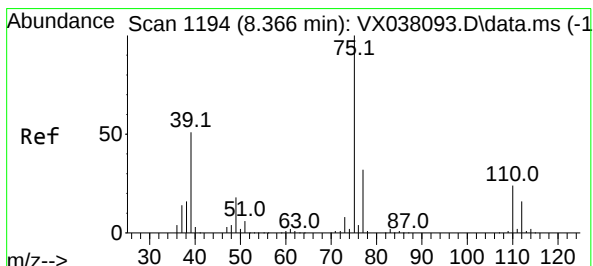
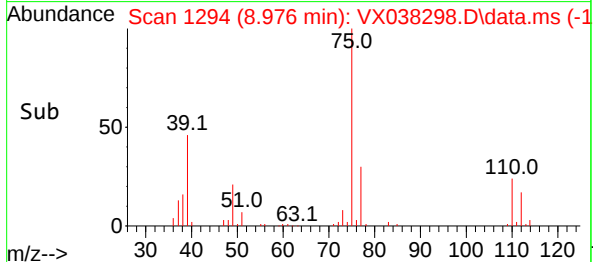
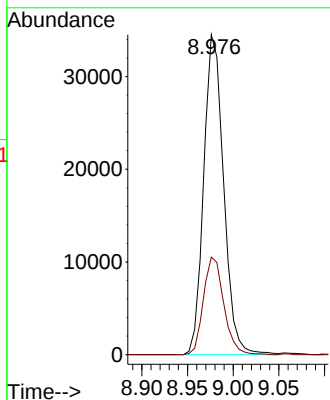
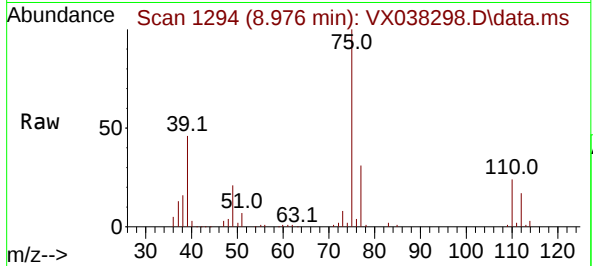
#53
t-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 75 Resp: 52229
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

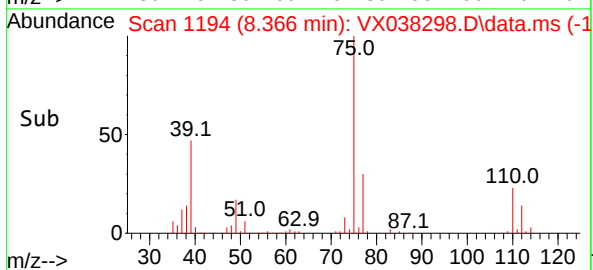
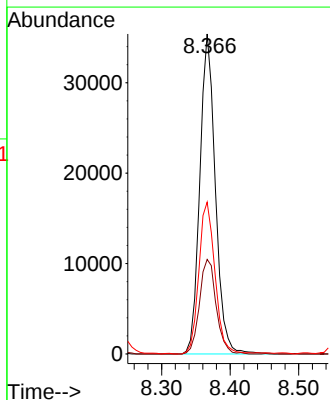
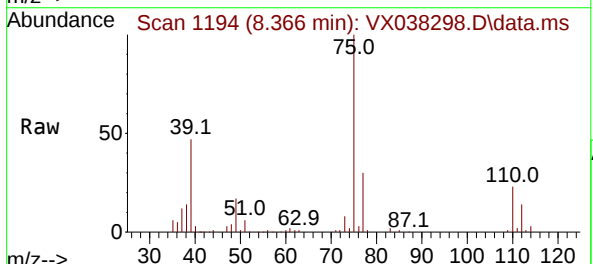
Manual Integrations
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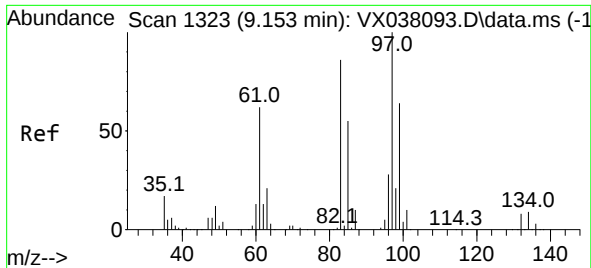
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.146 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

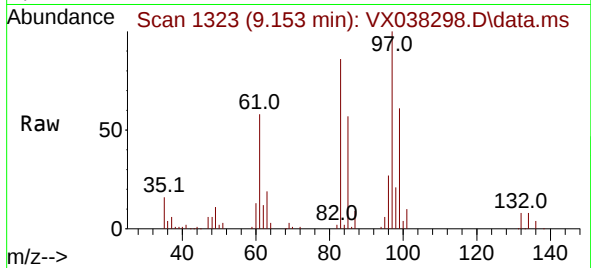
Tgt Ion: 75 Resp: 55942
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9
39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.815 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

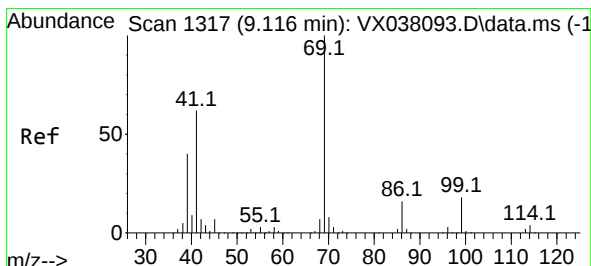
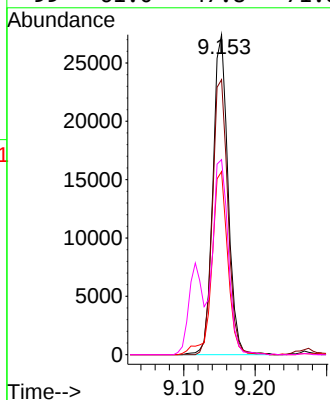
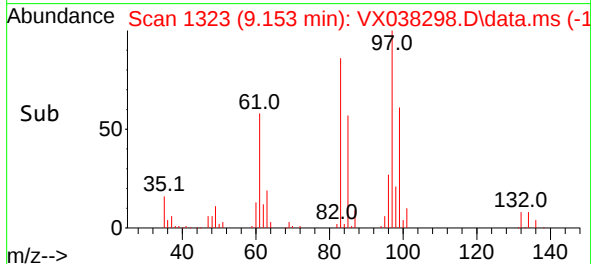
Instrument : MSVOA_X
ClientSampleId : VX1016WBSD01



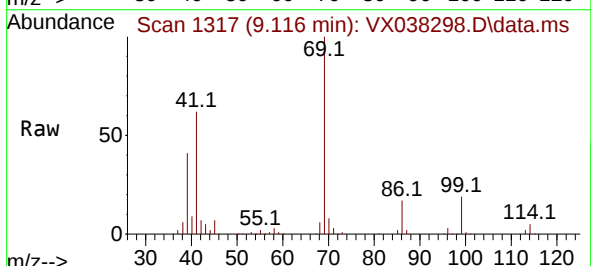
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.8
85	57.2	41.6	62.4
99	61.0	47.8	71.8

Manual Integrations
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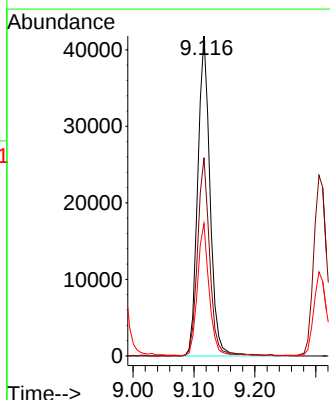
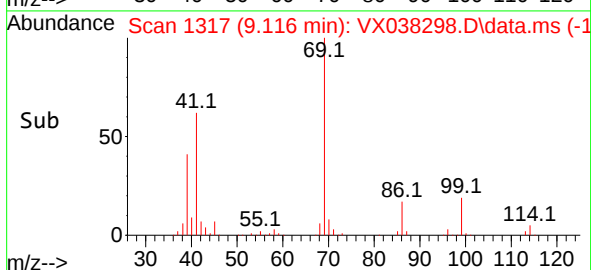
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

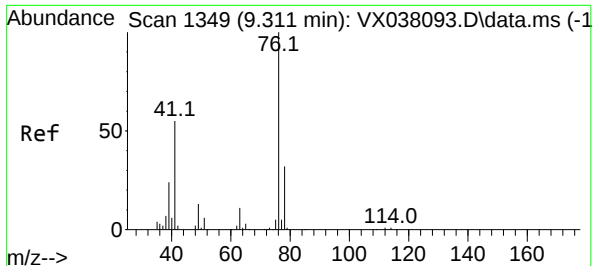


#56
Ethyl methacrylate
Concen: 18.938 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	56.8	85.2
39	38.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.209 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion: 76 Resp: 66072

Ion Ratio Lower Upper

76 100

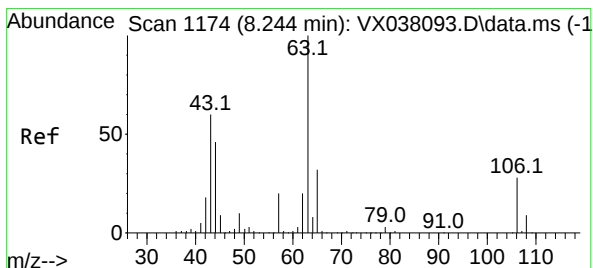
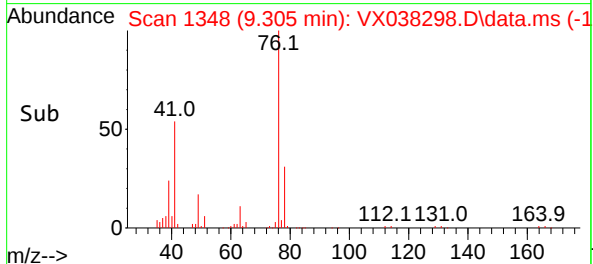
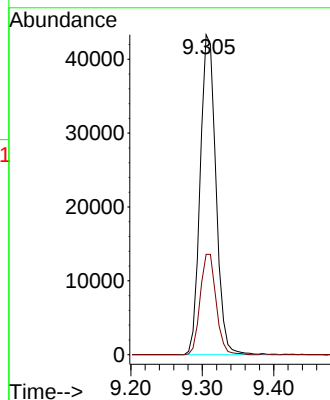
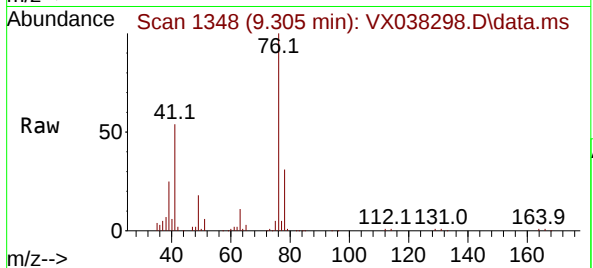
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.275 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038298.D

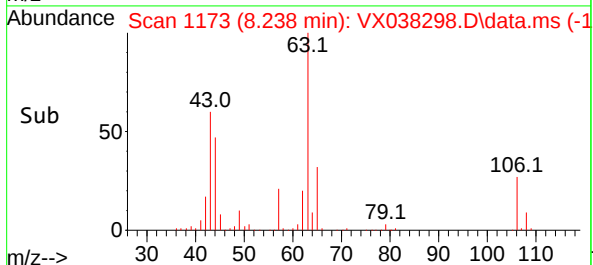
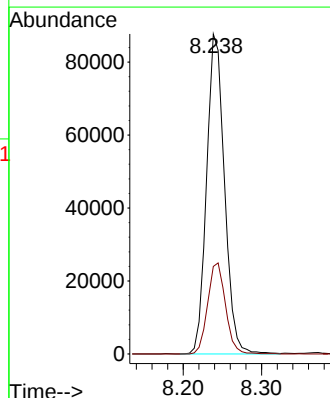
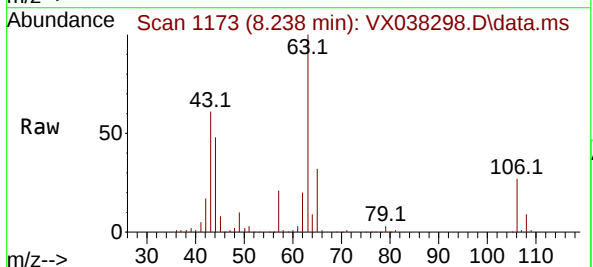
Acq: 16 Oct 2023 12:50

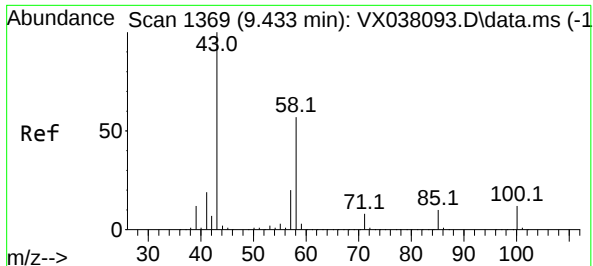
Tgt Ion: 63 Resp: 138862

Ion Ratio Lower Upper

63 100

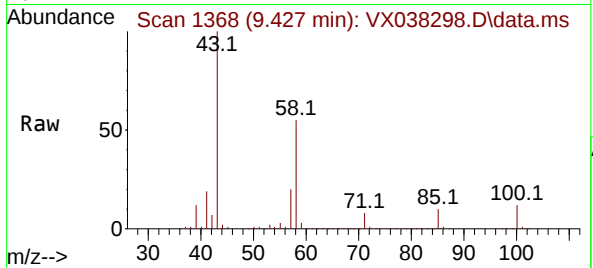
106 28.4 22.5 33.7





#59
2-Hexanone
Concen: 100.179 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

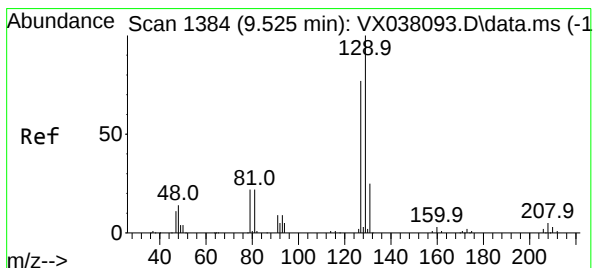
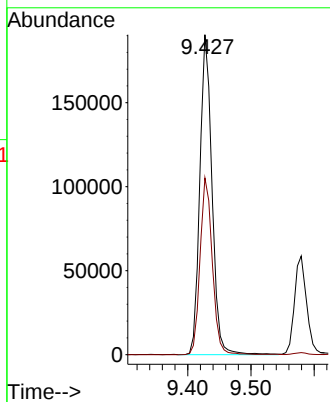
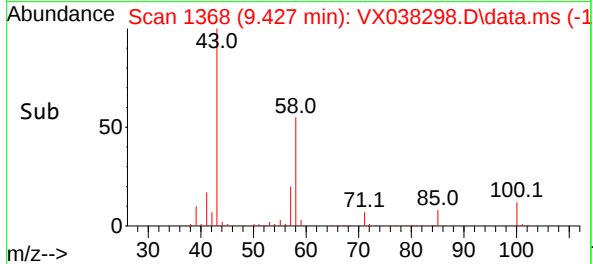
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion: 43 Resp: 255475
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

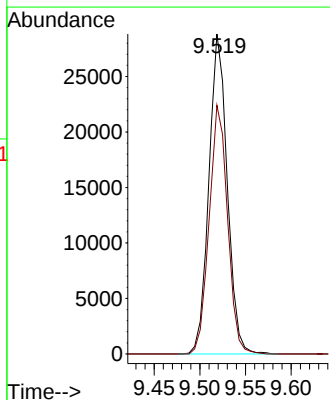
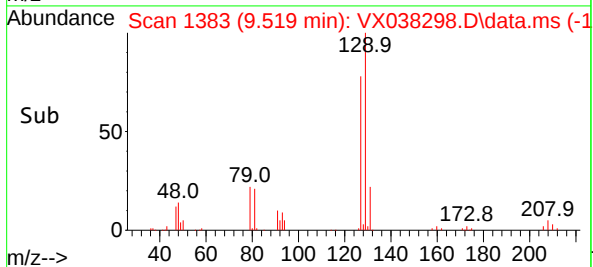
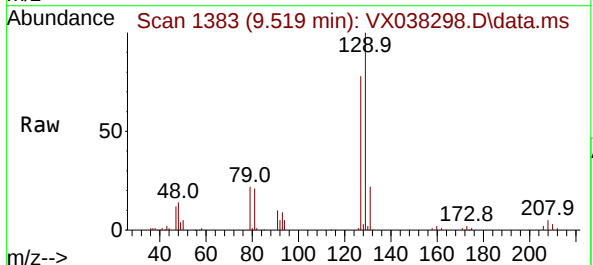
Manual Integrations
APPROVED

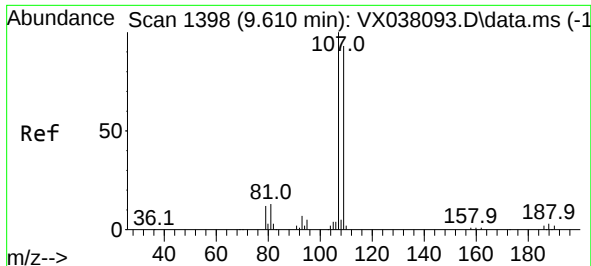
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#60
Dibromochloromethane
Concen: 20.323 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion:129 Resp: 40208
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





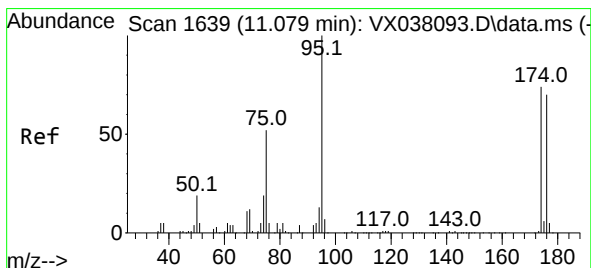
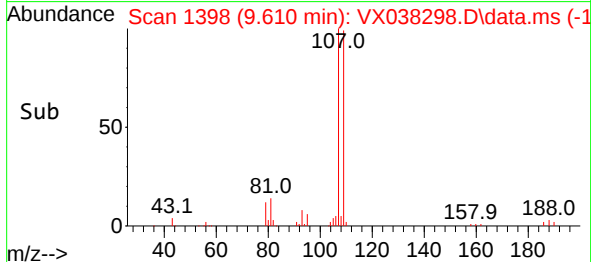
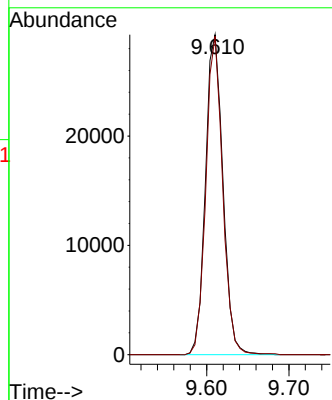
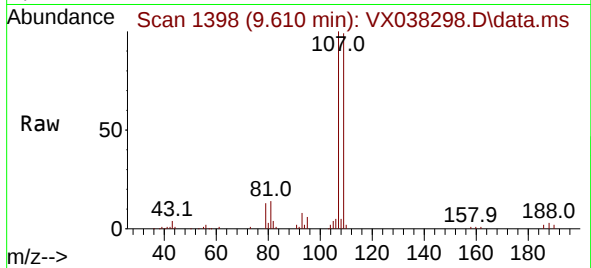
#61
1,2-Dibromoethane
Concen: 19.714 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion:107 Resp: 43090
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

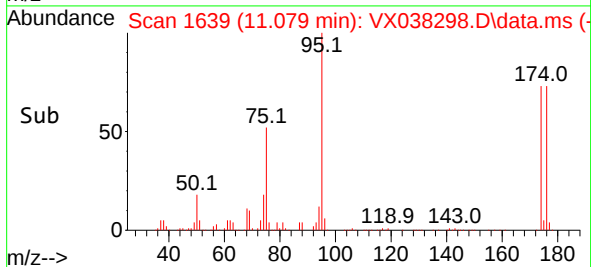
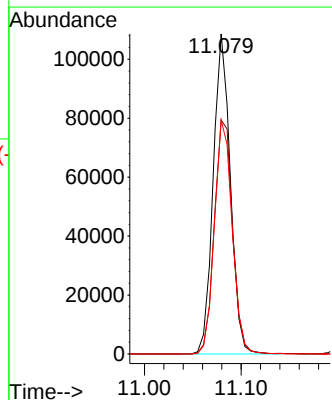
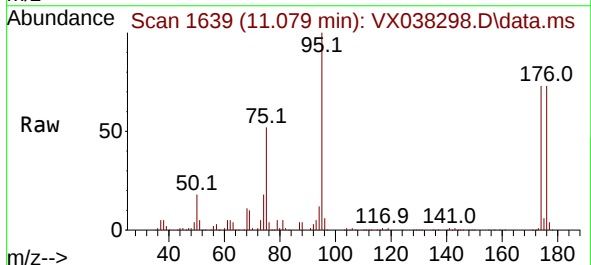
Manual Integrations
APPROVED

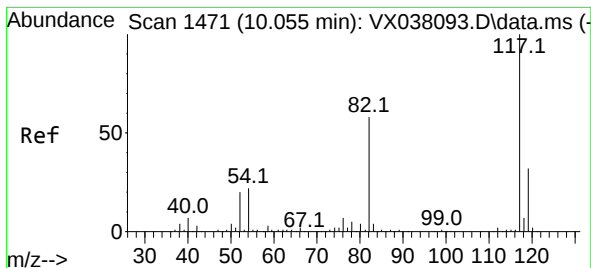
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

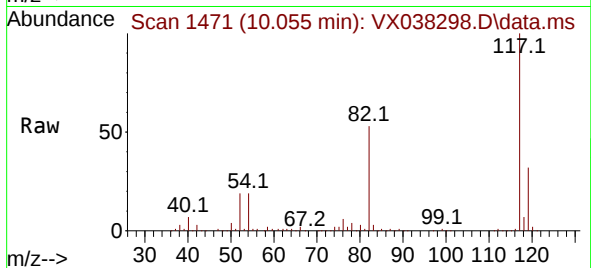
Tgt Ion: 95 Resp: 133418
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 75.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

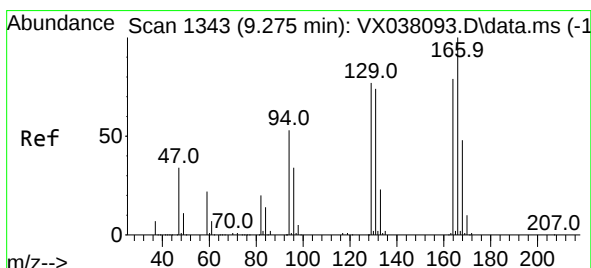
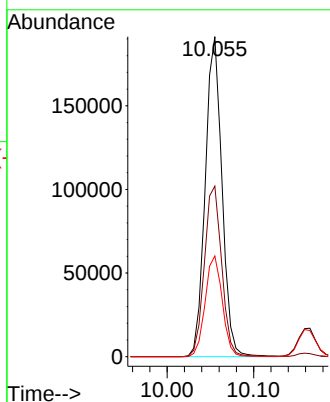
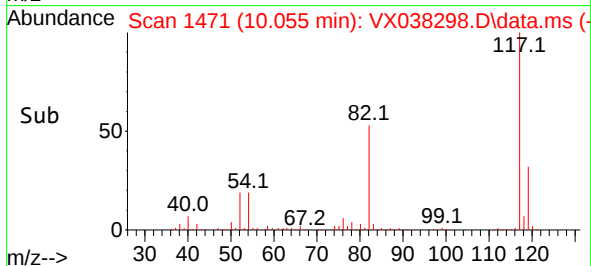
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion:117 Resp: 25693
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 31.5 25.5 38.3

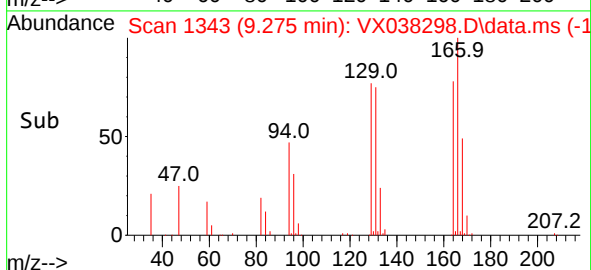
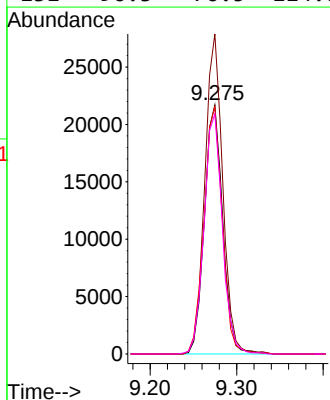
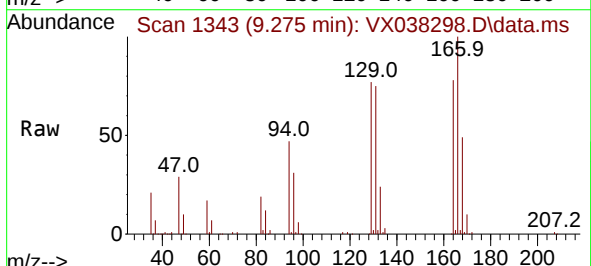
Manual Integrations
APPROVED

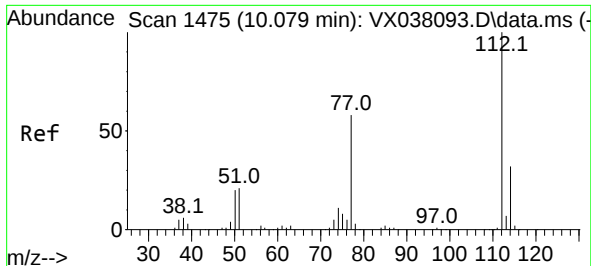
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#64
Tetrachloroethene
Concen: 19.135 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

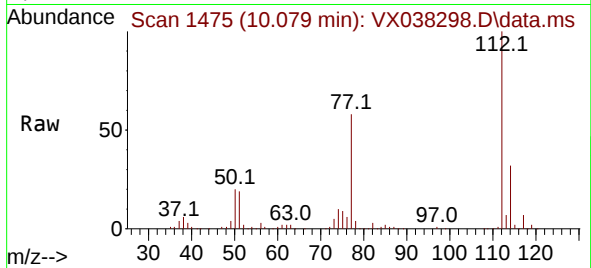
Tgt Ion:164 Resp: 31828
Ion Ratio Lower Upper
164 100
166 128.5 102.7 154.1
129 99.3 80.4 120.6
131 96.3 76.5 114.7





#65
Chlorobenzene
Concen: 19.061 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

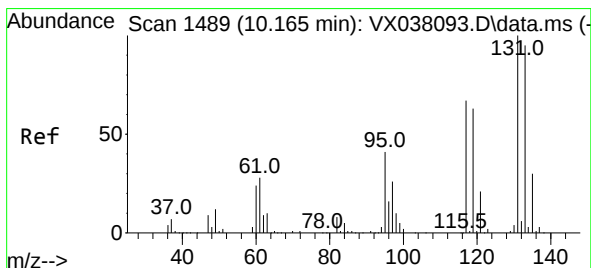
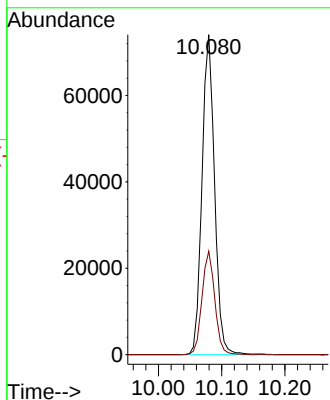
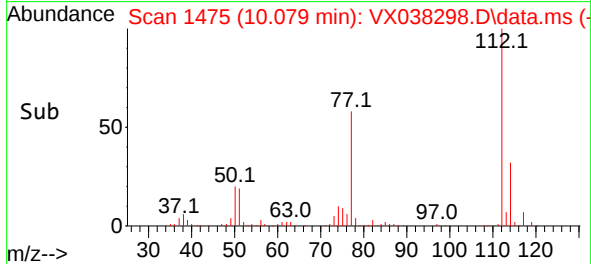
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



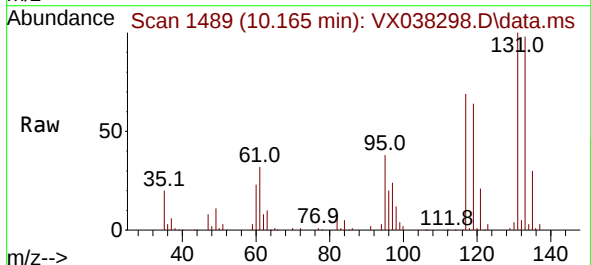
Tgt Ion:112 Resp: 10248
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

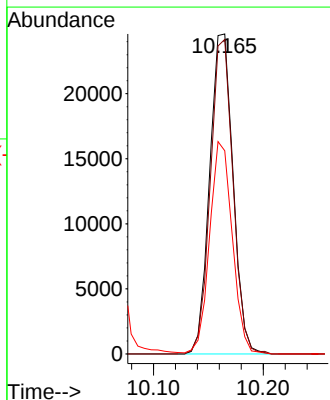
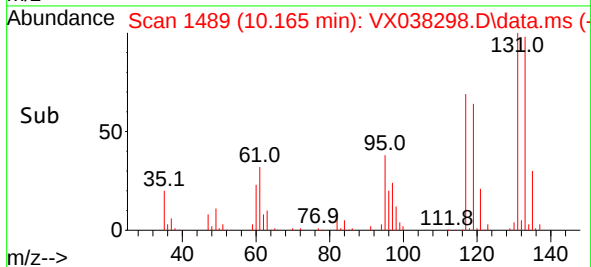
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

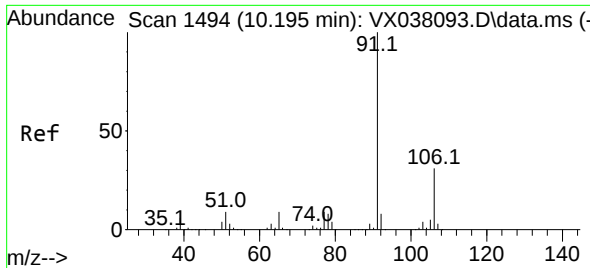


#66
1,1,1,2-Tetrachloroethane
Concen: 20.025 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



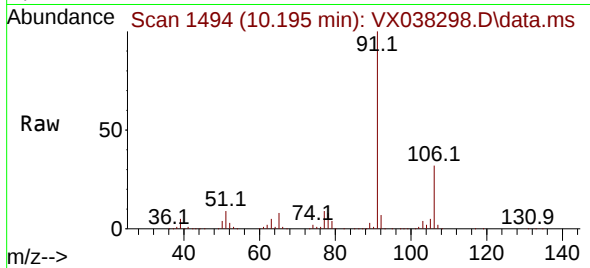
Tgt Ion:131 Resp: 36408
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 64.5 32.2 96.6





#67
Ethyl Benzene
Concen: 18.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

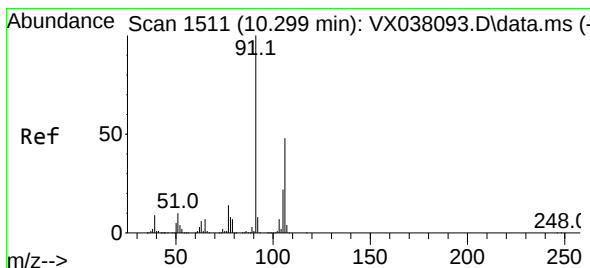
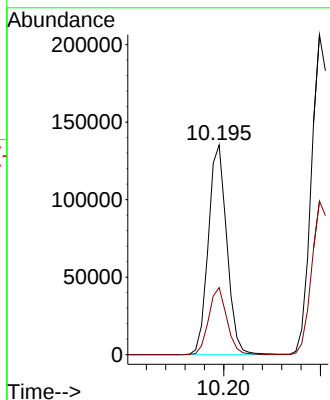
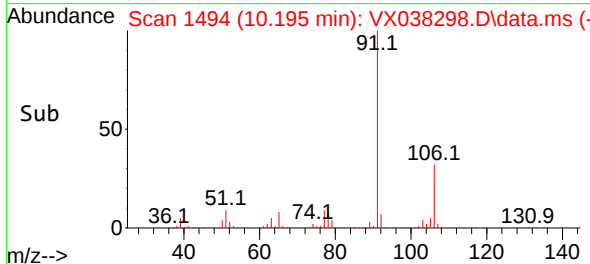
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



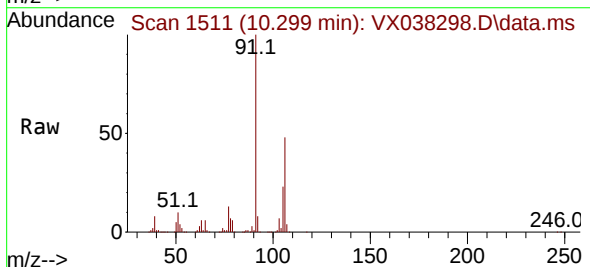
Tgt Ion: 91 Resp: 180120
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

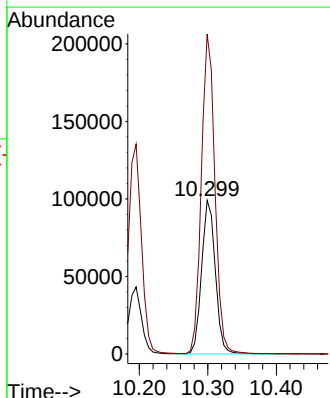
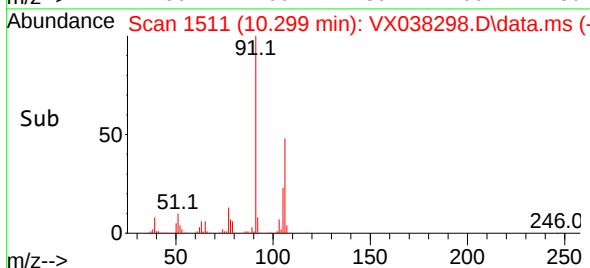
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

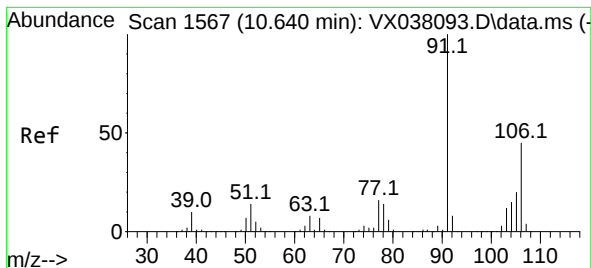


#68
m/p-Xylenes
Concen: 37.310 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion:106 Resp: 138453
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3





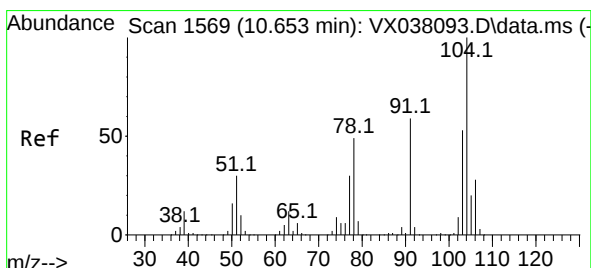
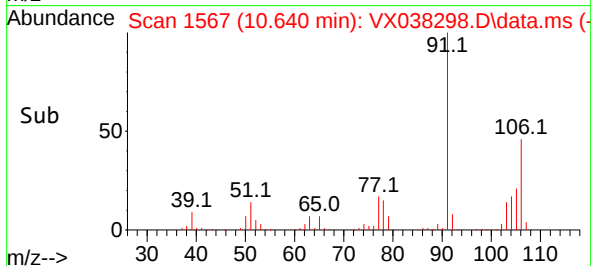
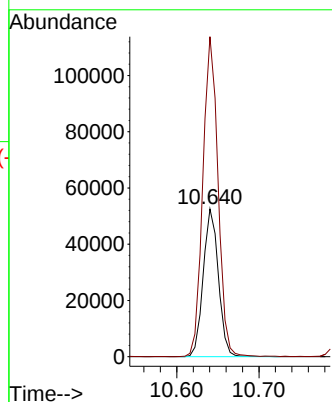
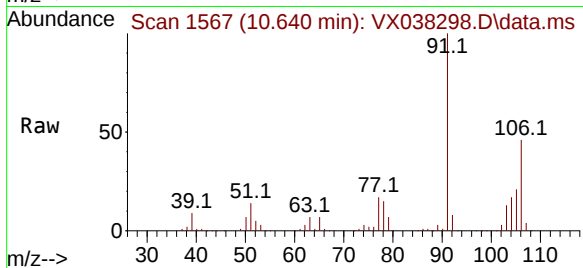
#69
o-Xylene
Concen: 18.578 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion:106 Resp: 6728
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.8

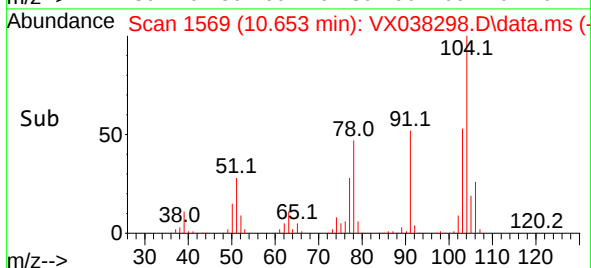
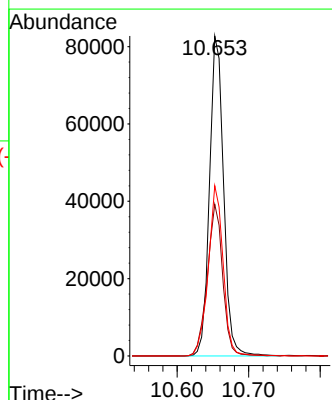
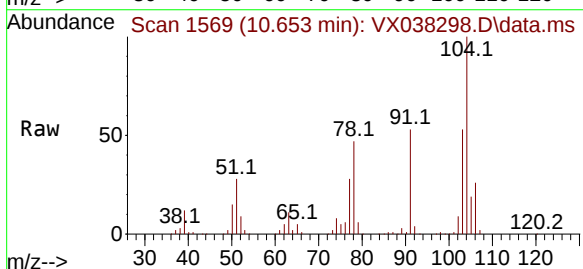
Manual Integrations
APPROVED

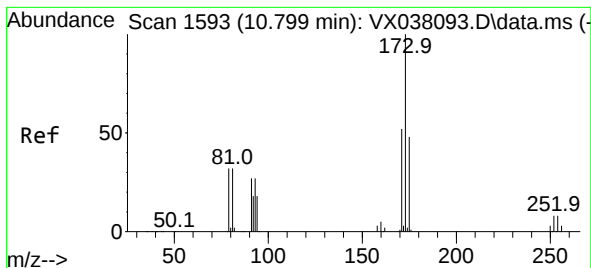
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#70
Styrene
Concen: 19.215 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

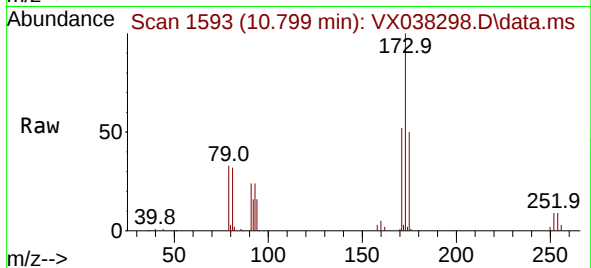
Tgt Ion:104 Resp: 113333
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 56.4 43.6 65.4





#71
Bromoform
Concen: 19.038 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

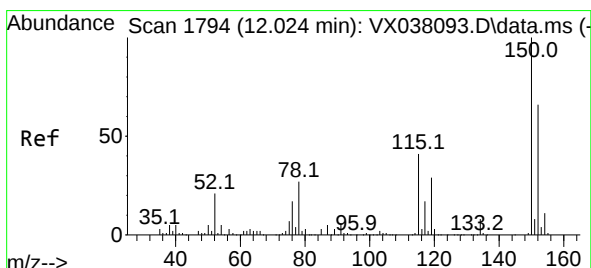
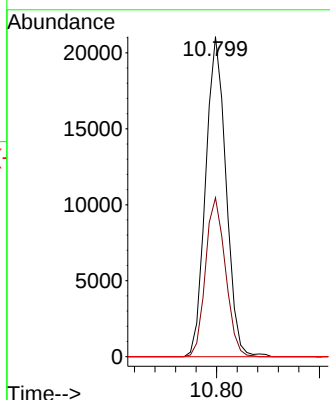
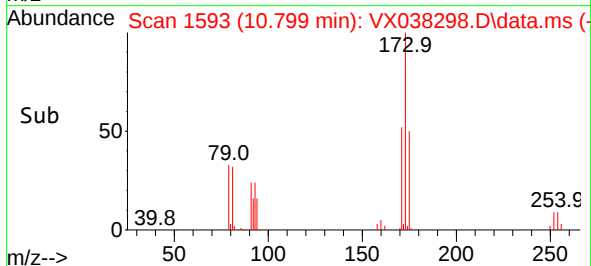
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion:173 Resp: 28938
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

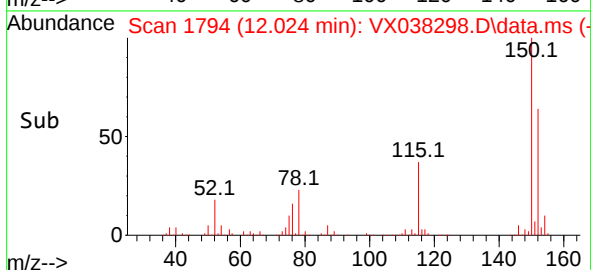
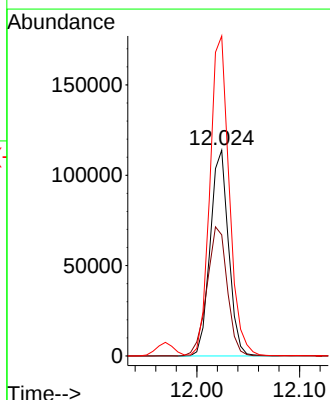
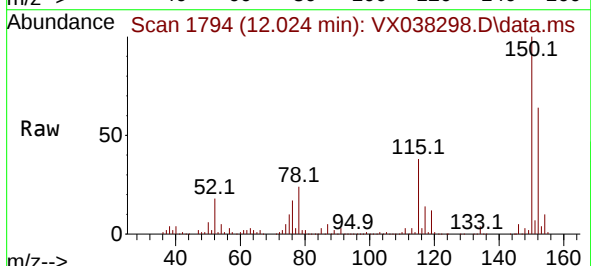
Manual Integrations
APPROVED

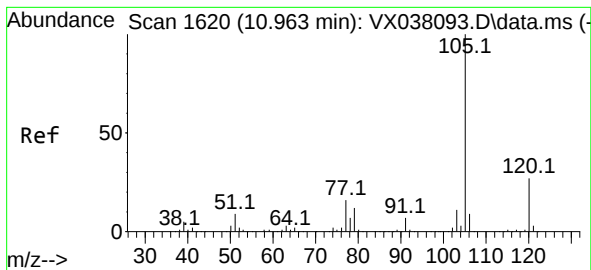
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion:152 Resp: 140776
Ion Ratio Lower Upper
152 100
115 69.4 43.3 129.9
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 19.227 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion:105 Resp: 18151

Ion Ratio Lower Upper

105 100

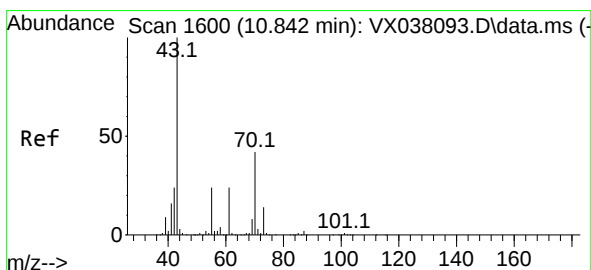
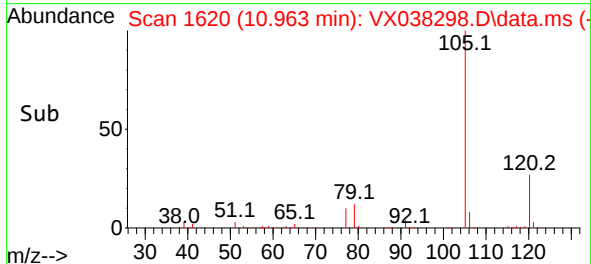
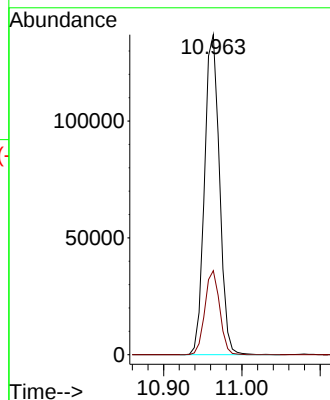
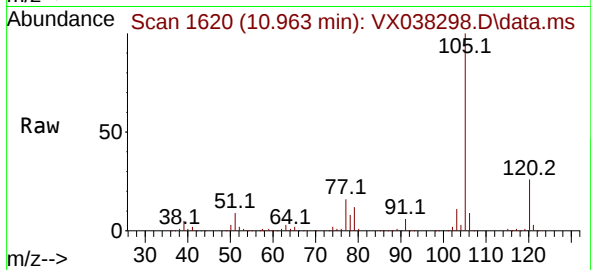
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#74

N-ethyl acetate

Concen: 18.583 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion: 43 Resp: 74921

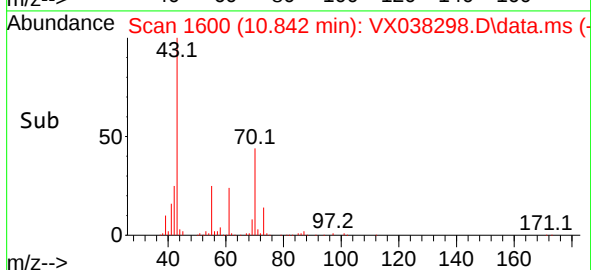
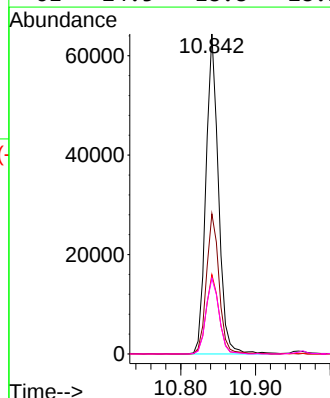
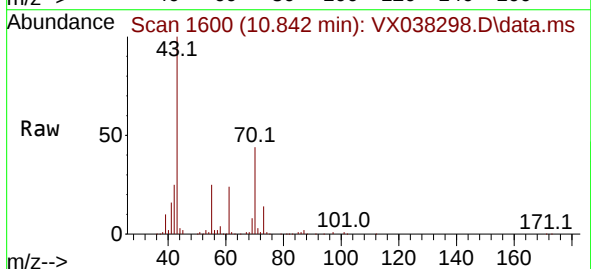
Ion Ratio Lower Upper

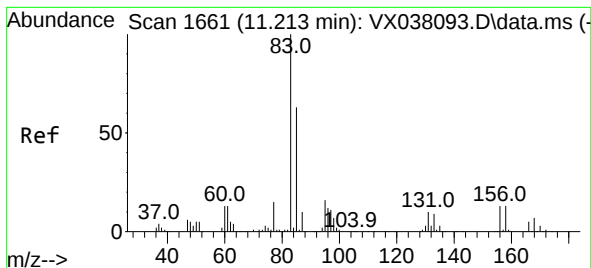
43 100

70 44.2 32.9 49.3

55 25.4 19.3 28.9

61 24.5 18.8 28.2





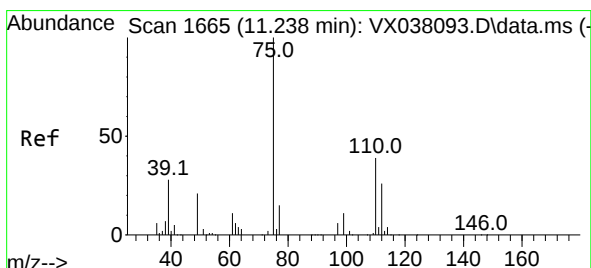
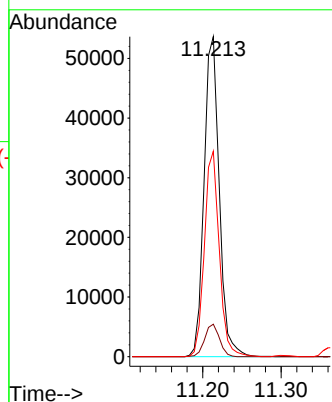
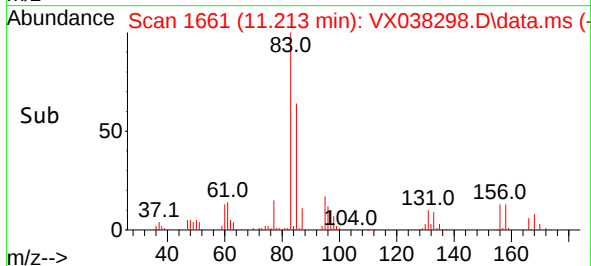
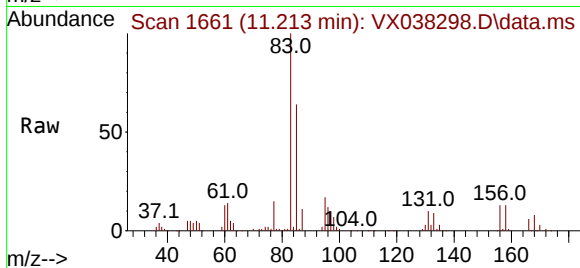
#75
1,1,2,2-Tetrachloroethane
Concen: 20.783 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 83 Resp: 71998
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 63.0 32.0 96.2

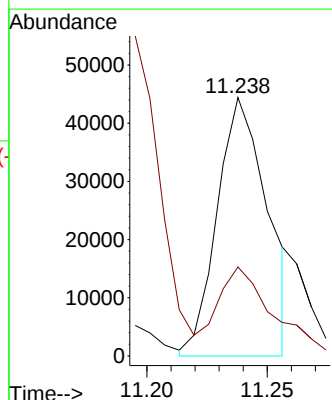
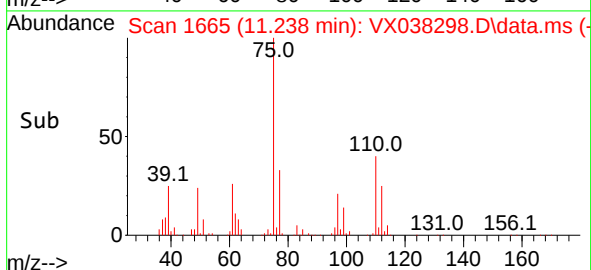
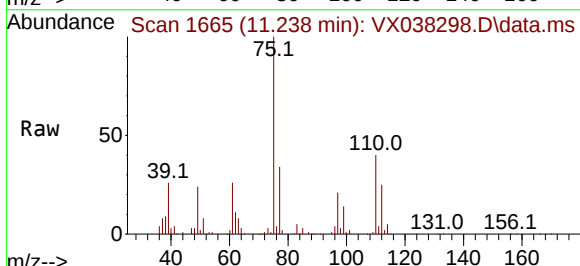
Manual Integrations
APPROVED

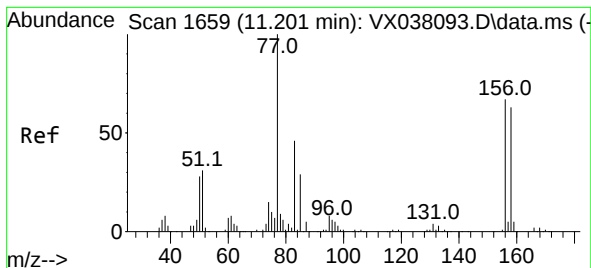
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#76
1,2,3-Trichloropropane
Concen: 20.128 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion: 75 Resp: 64418
Ion Ratio Lower Upper
75 100
77 38.5 19.1 57.5





#77

Bromobenzene

Concen: 19.568 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

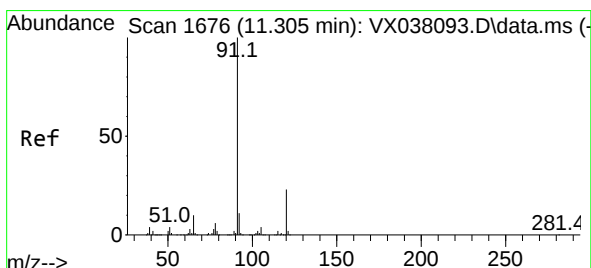
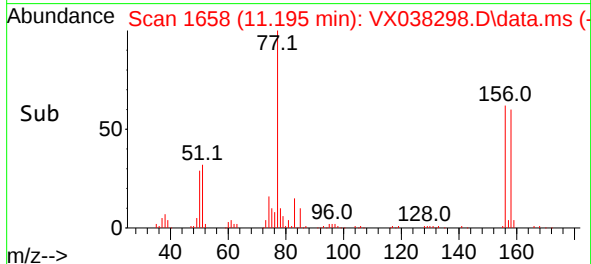
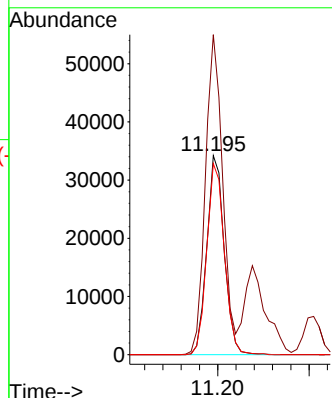
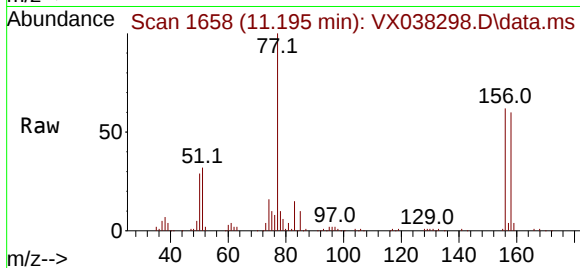
Tgt Ion:	156	Resp:	4510
Ion Ratio	Lower	Upper	
156	100		
77	158.9	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#78

n-propylbenzene

Concen: 18.786 ug/l

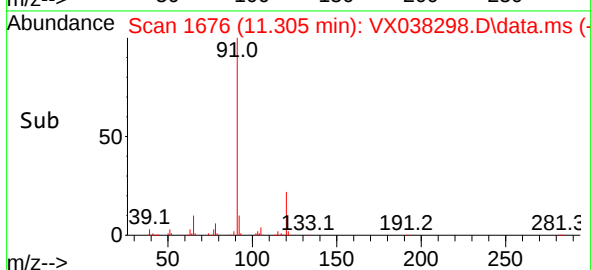
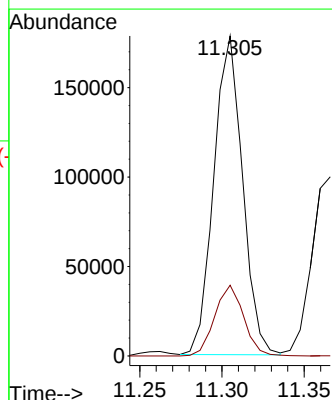
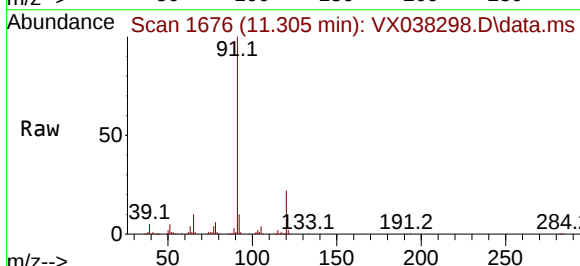
RT: 11.305 min Scan# 1676

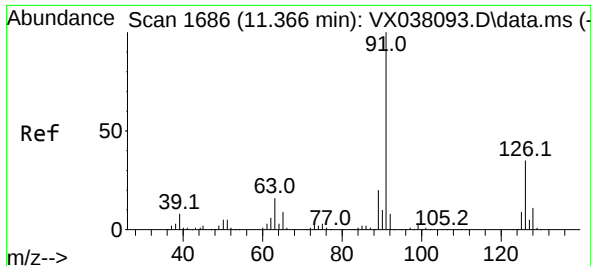
Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion:	91	Resp:	216863
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





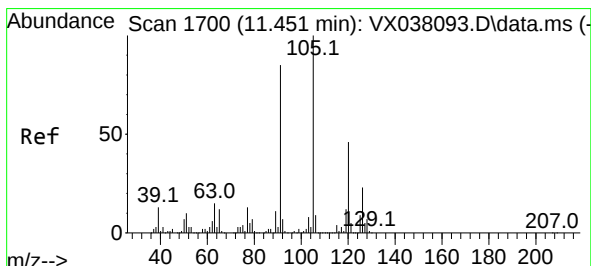
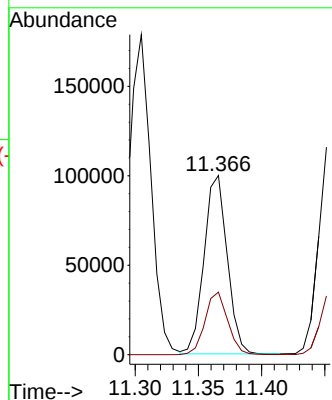
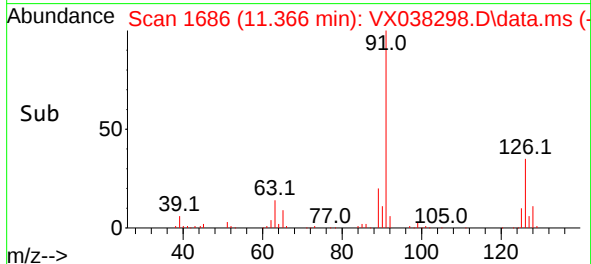
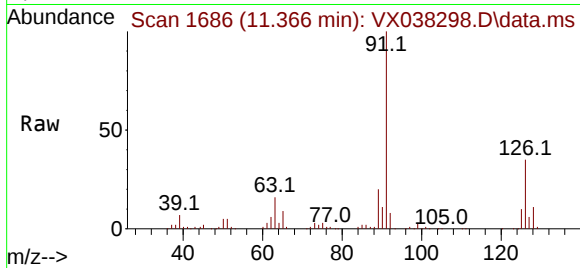
#79
2-Chlorotoluene
Concen: 18.598 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 91 Resp: 12732
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

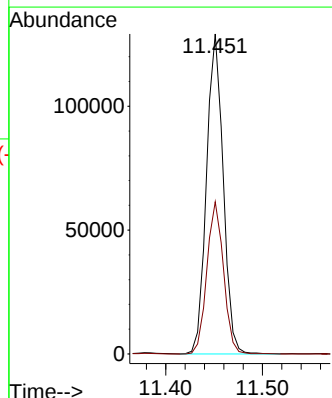
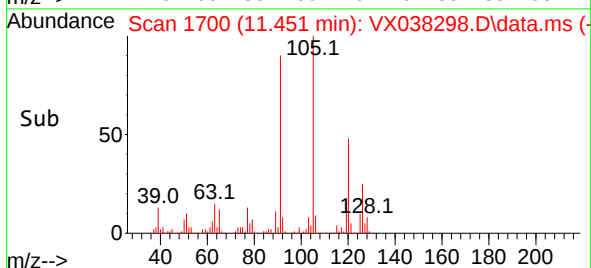
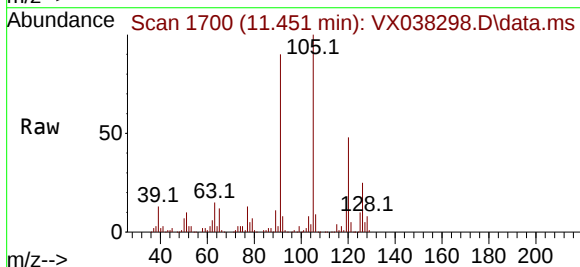
Manual Integrations
APPROVED

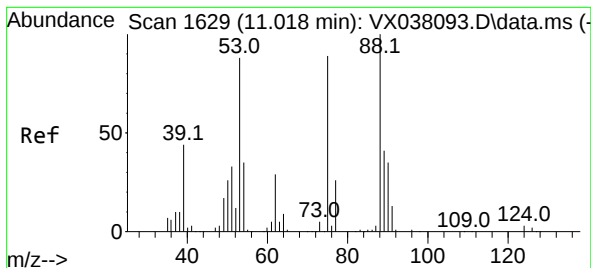
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.059 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Tgt Ion:105 Resp: 155233
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





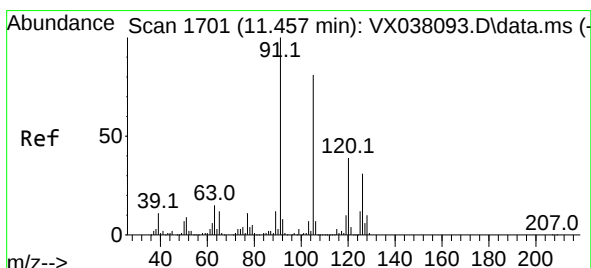
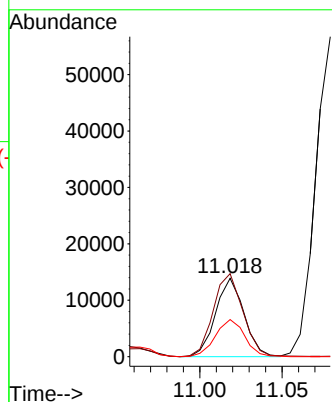
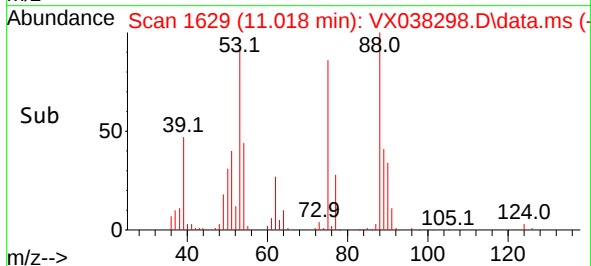
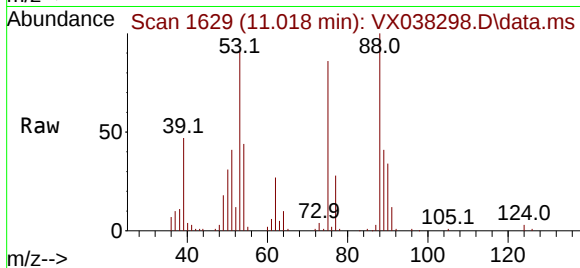
#81
trans-1,4-Dichloro-2-butene
Concen: 18.049 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Tgt Ion: 75 Resp: 16709
Ion Ratio Lower Upper
75 100
53 111.0 90.5 135.7
89 48.7 36.9 55.3

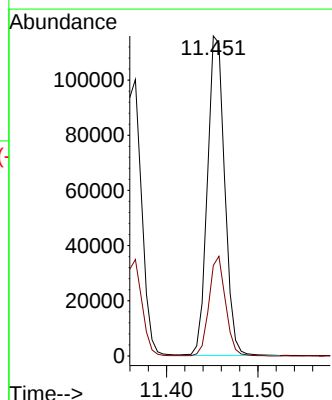
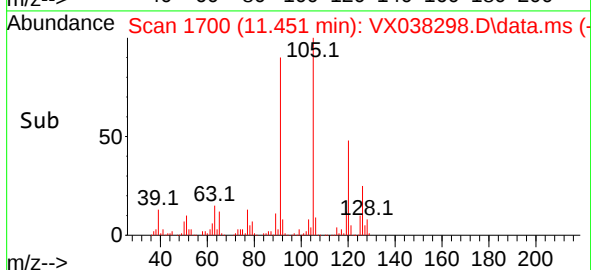
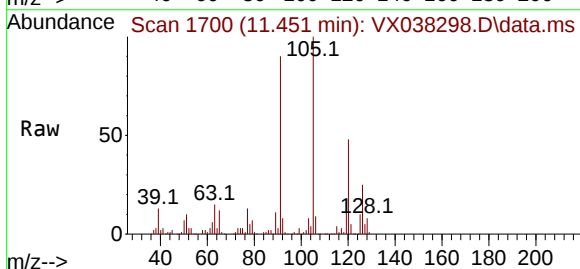
Manual Integrations
APPROVED

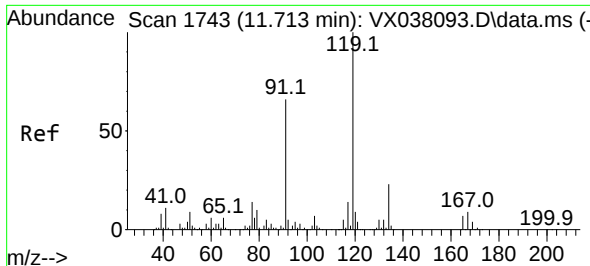
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#82
4-Chlorotoluene
Concen: 18.698 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

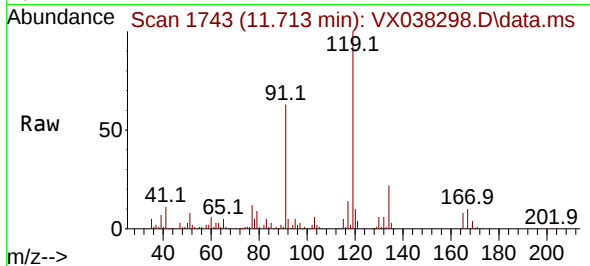
Tgt Ion: 91 Resp: 151478
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.092 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

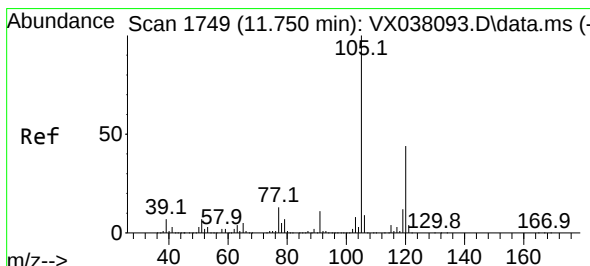
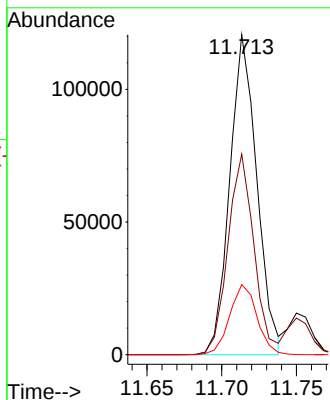
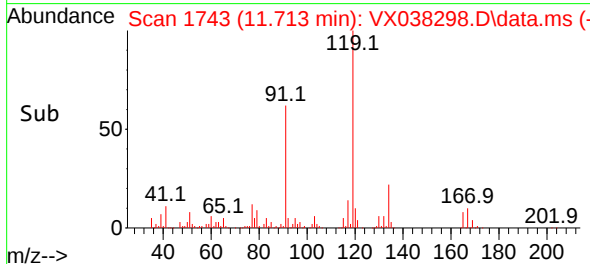
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



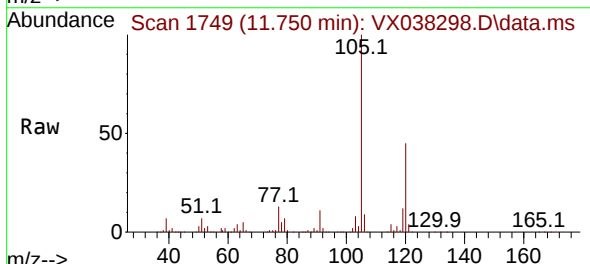
Tgt Ion:119 Resp: 151950
Ion Ratio Lower Upper
119 100
91 60.4 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
APPROVED

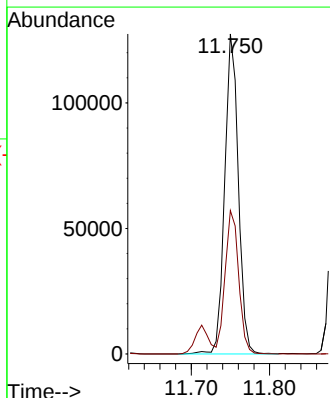
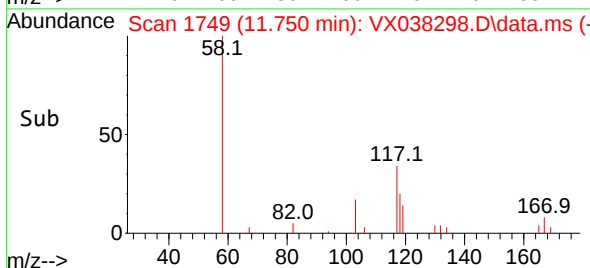
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

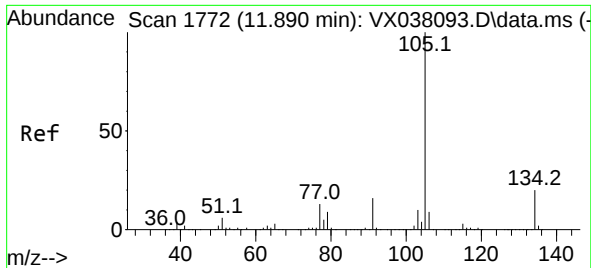


#84
1,2,4-Trimethylbenzene
Concen: 19.019 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion:105 Resp: 154450
Ion Ratio Lower Upper
105 100
120 44.6 21.2 63.6





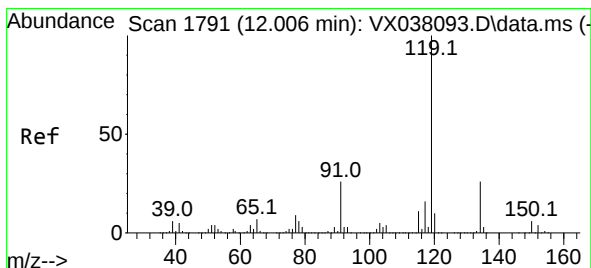
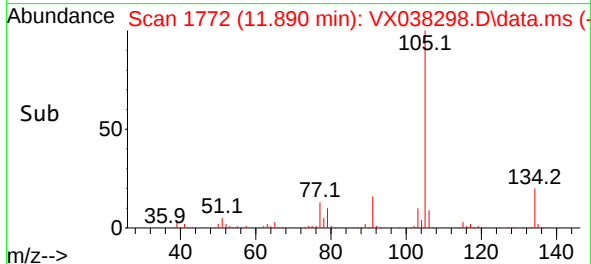
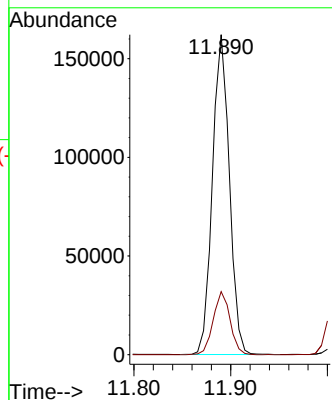
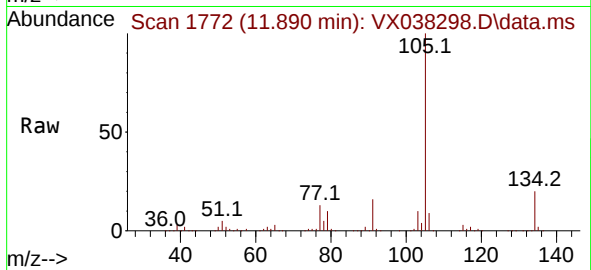
#85
 sec-Butylbenzene
 Concen: 19.107 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038298.D
 Acq: 16 Oct 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Tgt Ion:105 Resp: 19698
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

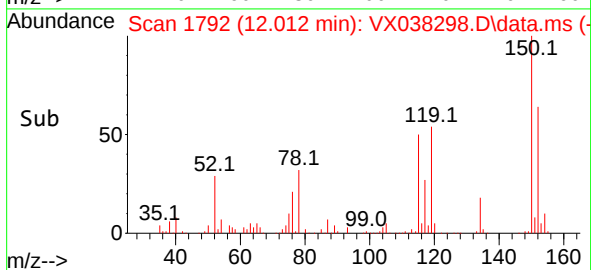
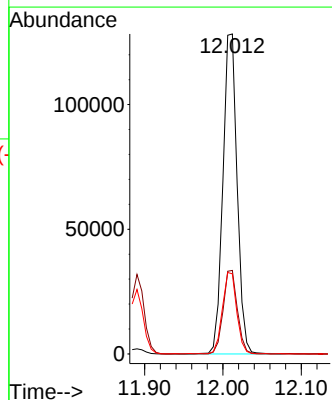
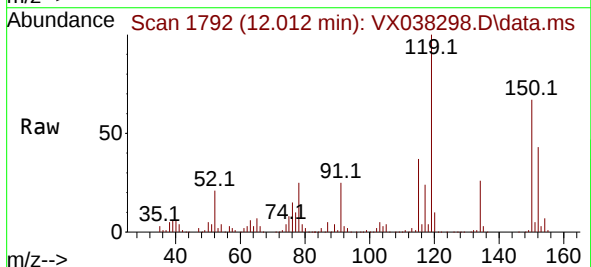
Manual Integrations
 APPROVED

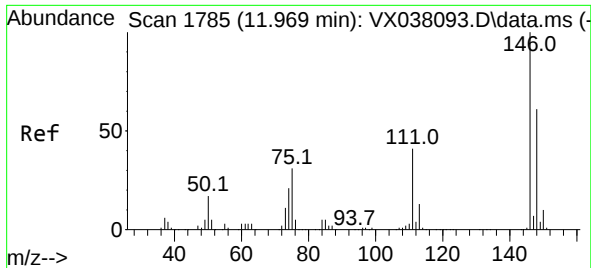
Reviewed By :John Carlone 10/17/2023
 Supervised By :Mahesh Dadoda 10/18/2023



#86
 p-Isopropyltoluene
 Concen: 19.141 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038298.D
 Acq: 16 Oct 2023 12:50

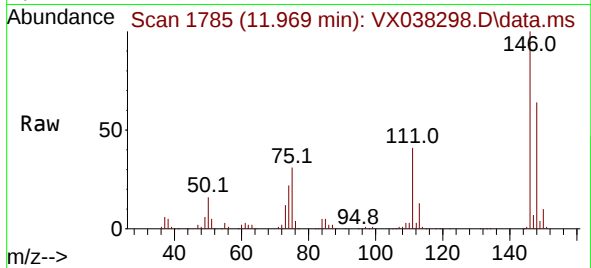
Tgt Ion:119 Resp: 162808
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.5 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 18.966 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

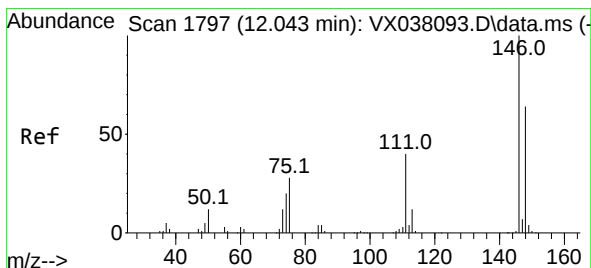
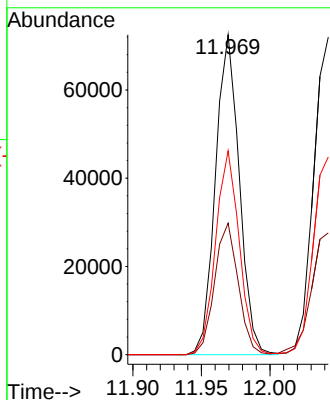
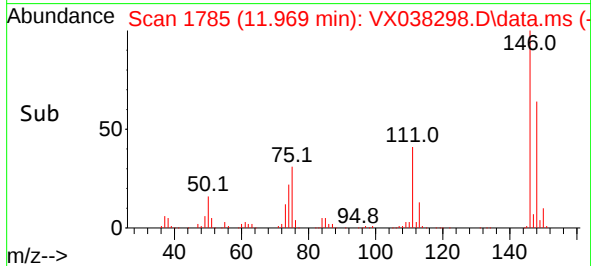
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



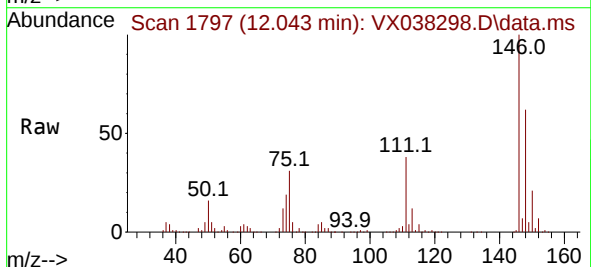
Tgt Ion:146 Resp: 87809
Ion Ratio Lower Upper
146 100
111 40.8 22.1 66.1
148 63.3 31.8 95.3

Manual Integrations
APPROVED

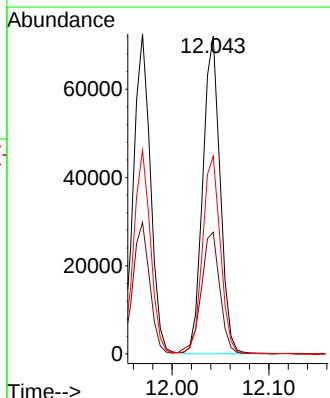
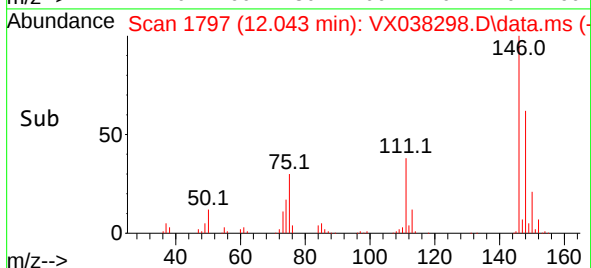
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

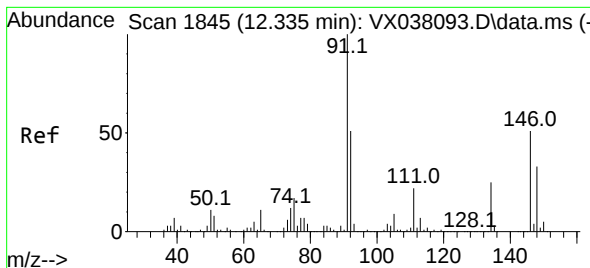


#88
1,4-Dichlorobenzene
Concen: 19.024 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



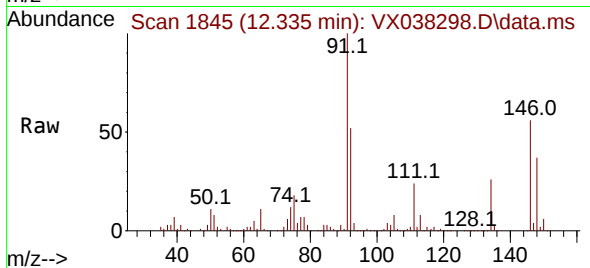
Tgt Ion:146 Resp: 89915
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.7
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 18.084 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

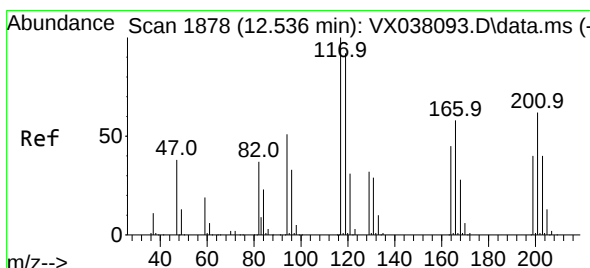
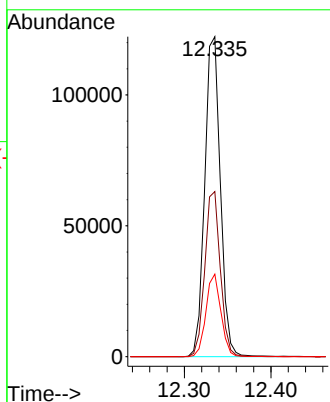
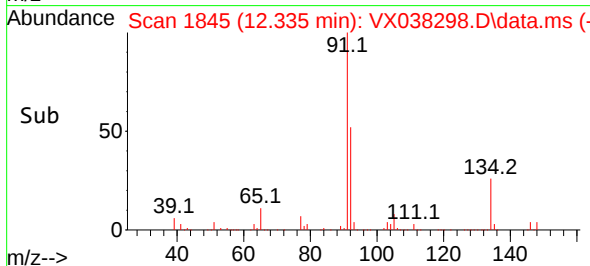
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



Tgt Ion: 91 Resp: 153189
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 24.8 12.6 37.8

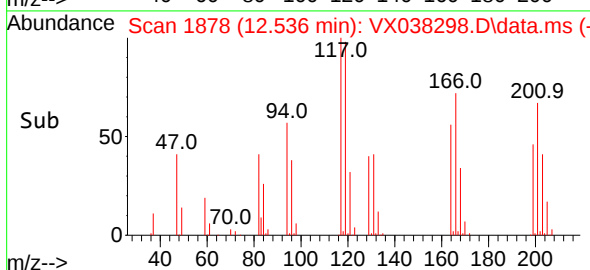
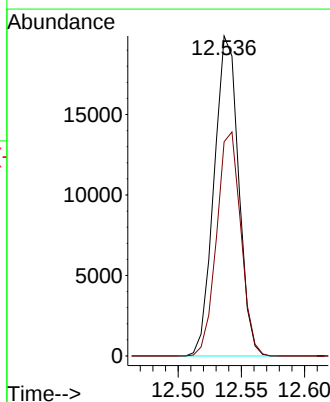
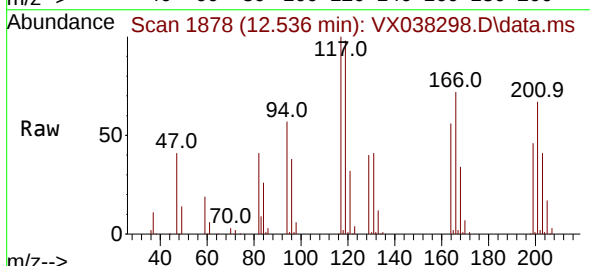
Manual Integrations
APPROVED

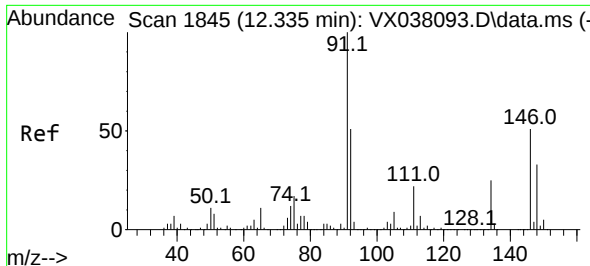
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023



#90
Hexachloroethane
Concen: 18.955 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

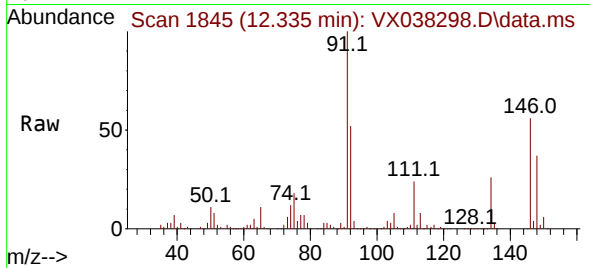
Tgt Ion:117 Resp: 26732
Ion Ratio Lower Upper
117 100
201 69.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.494 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

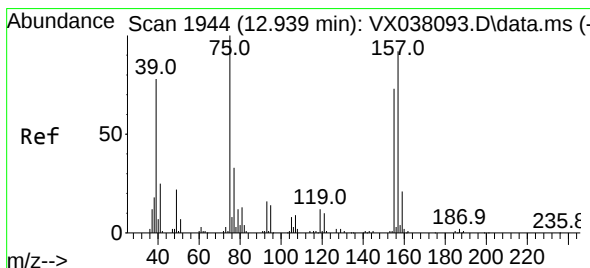
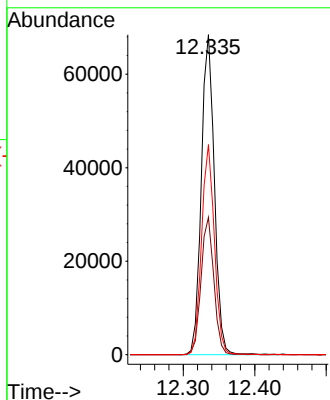
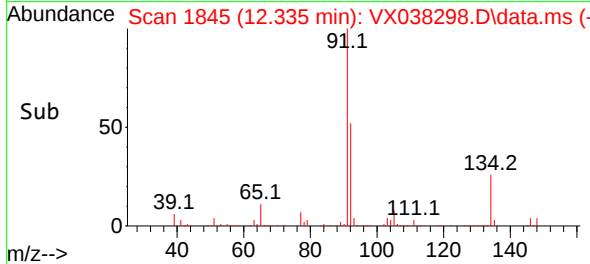
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



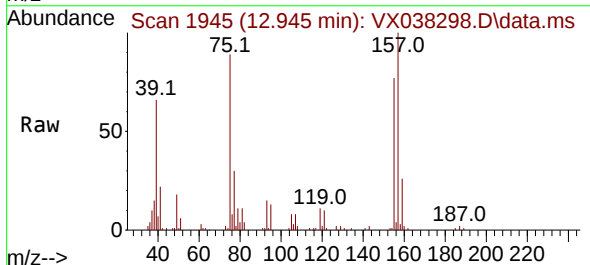
Tgt Ion:146 Resp: 8674
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
APPROVED

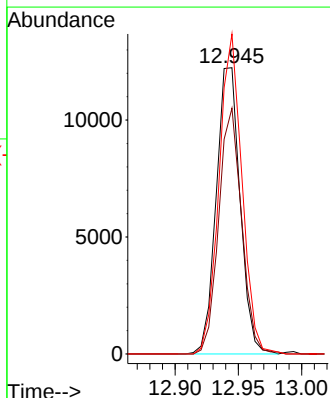
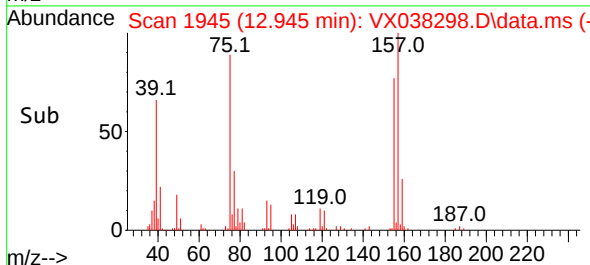
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

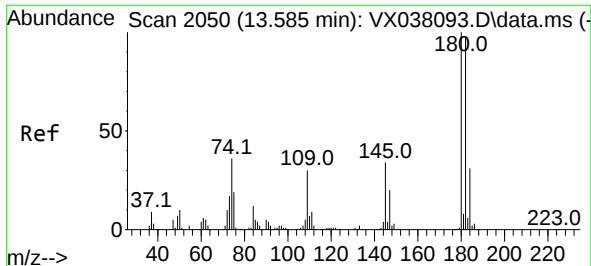


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.169 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



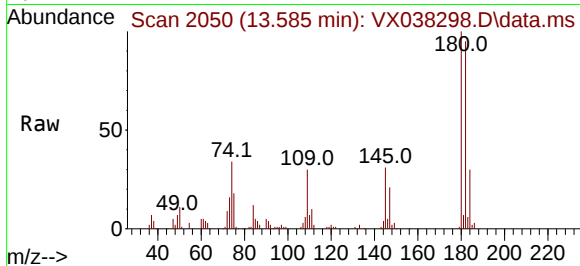
Tgt Ion: 75 Resp: 16056
Ion Ratio Lower Upper
75 100
155 82.5 36.1 108.5
157 107.2 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.028 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50

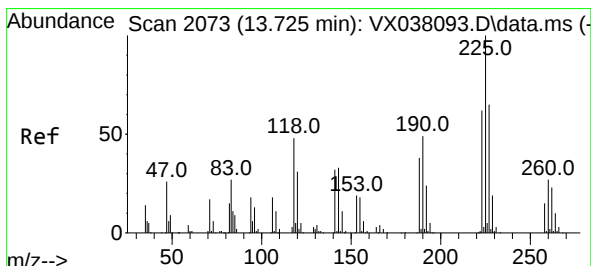
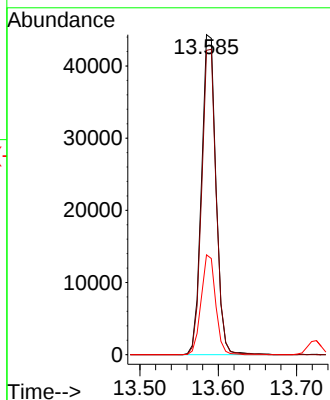
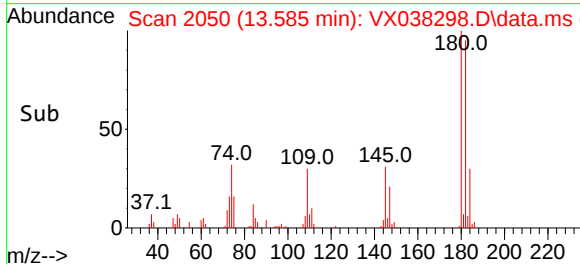
Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01



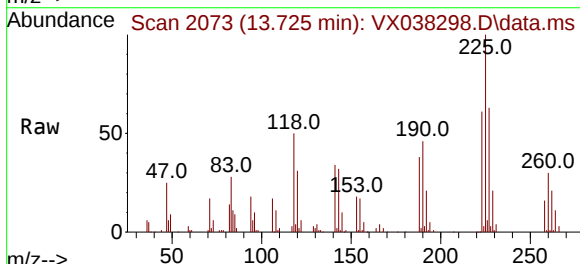
Tgt Ion:180 Resp: 56794
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.8
145 31.1 18.0 54.0

Manual Integrations
APPROVED

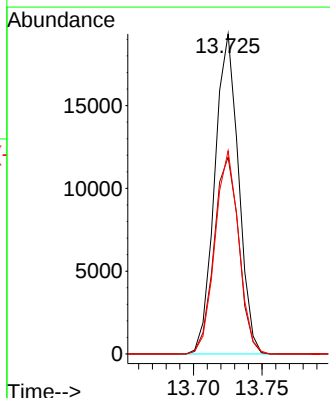
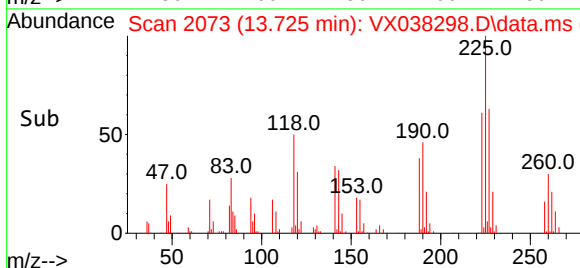
Reviewed By :John Carlone 10/17/2023
Supervised By :Mahesh Dadoda 10/18/2023

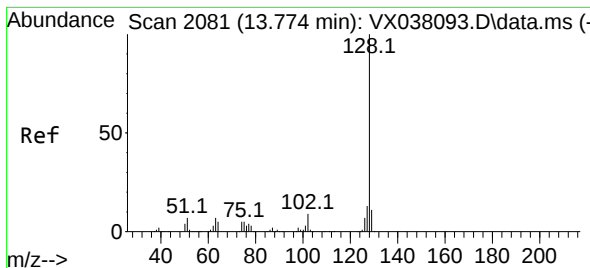


#94
Hexachlorobutadiene
Concen: 19.428 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038298.D
Acq: 16 Oct 2023 12:50



Tgt Ion:225 Resp: 23339
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 18.897 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBSD01

Tgt Ion:128 Resp: 196414

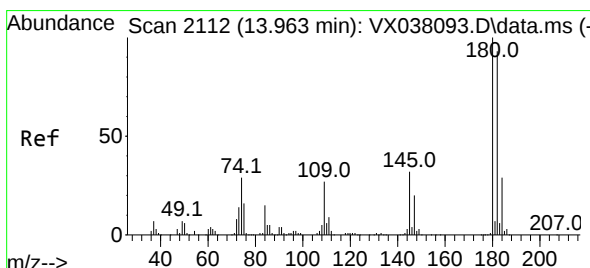
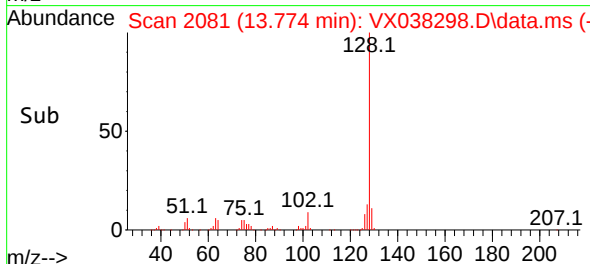
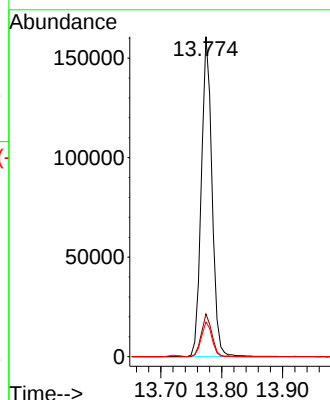
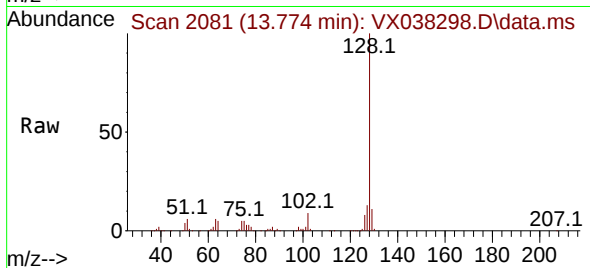
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2023

Supervised By :Mahesh Dadoda 10/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.164 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038298.D

Acq: 16 Oct 2023 12:50

Tgt Ion:180 Resp: 55385

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.6
145	33.4	17.8	53.5

