

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038352.D
 Acq On : 18 Oct 2023 11:09
 Operator : JC/MD
 Sample : VX1018MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 01:37:33 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	138332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103678	46.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.385	113	83743	49.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.647	98	309687	47.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.079	95	117106	47.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27996	20.967	ug/l	97
3) Chloromethane	1.300	50	28643	21.047	ug/l	94
4) Vinyl Chloride	1.374	62	37622	24.933	ug/l	98
5) Bromomethane	1.605	94	33162	16.157	ug/l	100
6) Chloroethane	1.685	64	25454	23.427	ug/l	97
7) Trichlorofluoromethane	1.886	101	71299	23.923	ug/l	99
8) Diethyl Ether	2.130	74	24647	22.174	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	29633	22.775	ug/l	97
10) Methyl Iodide	2.453	142	37621	20.096	ug/l	94
11) Tert butyl alcohol	2.953	59	41941	77.751	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	28594	22.593	ug/l	92
13) Acrolein	2.233	56	28091	88.810	ug/l	99
14) Allyl chloride	2.666	41	44123	19.491	ug/l	93
15) Acrylonitrile	3.062	53	99952	98.714	ug/l	99
16) Acetone	2.373	43	102163	110.019	ug/l	95
17) Carbon Disulfide	2.514	76	69239	18.981	ug/l	100
18) Methyl Acetate	2.703	43	83641	21.004	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	99749	19.789	ug/l	99
20) Methylene Chloride	2.788	84	33600	19.237	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	31890	20.351	ug/l	91
22) Diisopropyl ether	3.757	45	93184	19.640	ug/l	97
23) Vinyl Acetate	3.721	43	341079	98.029	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	57024	19.804	ug/l	99
25) 2-Butanone	4.556	43	147929	98.734	ug/l	94
26) 2,2-Dichloropropane	4.477	77	45005	20.020	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	37978	20.350	ug/l	91
28) Bromochloromethane	4.897	49	24939	19.187	ug/l	86
29) Tetrahydrofuran	5.001	42	93663	96.019	ug/l	89
30) Chloroform	5.099	83	64957	20.630	ug/l	97
31) Cyclohexane	5.470	56	48315	20.043	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	55417	20.548	ug/l	100
36) 1,1-Dichloropropene	5.696	75	46895	19.955	ug/l	98
37) Ethyl Acetate	4.714	43	53774	19.267	ug/l	97
38) Carbon Tetrachloride	5.678	117	46678	20.191	ug/l	98
39) Methylcyclohexane	7.385	83	56759	20.620	ug/l	89
40) Benzene	6.037	78	135205	20.570	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26665	19.206	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	53147	20.238	ug/l	100
43) Isopropyl Acetate	6.342	43	80804	19.394	ug/l	97
44) Trichloroethene	7.123	130	37078	21.568	ug/l	95
45) 1,2-Dichloropropane	7.427	63	34553	20.311	ug/l	99
46) Dibromomethane	7.586	93	27628	20.940	ug/l	96
47) Bromodichloromethane	7.824	83	48458	20.645	ug/l	99
48) Methyl methacrylate	7.690	41	39416	19.817	ug/l #	85
49) 1,4-Dioxane	7.659	88	16338	333.340	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	288807	100.495	ug/l	96
52) Toluene	8.720	92	89665	20.942	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	49259	19.551	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	53413	20.178	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	37965	20.730	ug/l	98
56) Ethyl methacrylate	9.116	69	54472	19.400	ug/l	92
57) 1,3-Dichloropropane	9.311	76	60664	20.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	128745	93.410	ug/l	98
59) 2-Hexanone	9.427	43	234168	101.356	ug/l	97
60) Dibromochloromethane	9.518	129	37683	21.024	ug/l	97
61) 1,2-Dibromoethane	9.610	107	41827	21.120	ug/l	100
64) Tetrachloroethene	9.275	164	31610	21.064	ug/l	92
65) Chlorobenzene	10.079	112	100028	20.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	34607	21.098	ug/l	100
67) Ethyl Benzene	10.195	91	177930	20.550	ug/l	100
68) m/p-Xylenes	10.299	106	134817	40.268	ug/l	100
69) o-Xylene	10.640	106	65087	19.919	ug/l	100
70) Styrene	10.659	104	108090	20.312	ug/l	95
71) Bromoform	10.799	173	26042	18.997	ug/l #	100
73) Isopropylbenzene	10.963	105	176323	20.882	ug/l	99
74) N-amyl acetate	10.841	43	69548	19.287	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	64267	20.742	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	57610m	20.126	ug/l	
77) Bromobenzene	11.195	156	42142	20.442	ug/l	92
78) n-propylbenzene	11.305	91	210325	20.371	ug/l	99
79) 2-Chlorotoluene	11.366	91	122865	20.066	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	151342	20.775	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	15105	18.200	ug/l	97
82) 4-Chlorotoluene	11.457	91	144585	19.955	ug/l	96
83) tert-Butylbenzene	11.713	119	146667	20.604	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	151780	20.896	ug/l	99
85) sec-Butylbenzene	11.890	105	190774	20.689	ug/l	100
86) p-Isopropyltoluene	12.012	119	159542	20.971	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	83657	20.204	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	86115	20.371	ug/l	97
89) n-Butylbenzene	12.335	91	150801	19.903	ug/l	96
90) Hexachloroethane	12.536	117	24244	19.220	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	81015	20.355	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14487	19.338	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	54762	20.514	ug/l	95
94) Hexachlorobutadiene	13.725	225	21946	20.425	ug/l	99
95) Naphthalene	13.774	128	181700	19.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53355	20.642	ug/l	99

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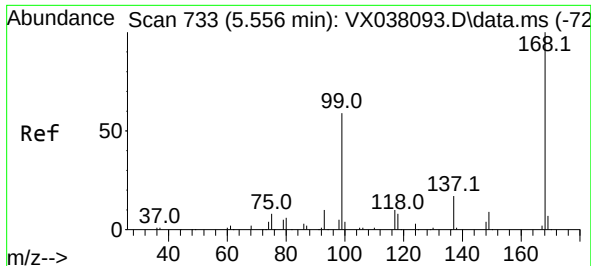
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



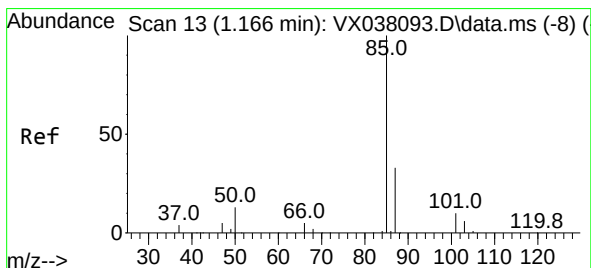
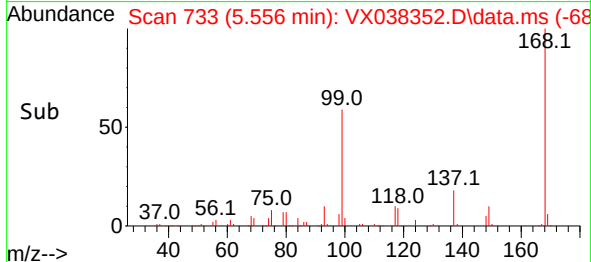
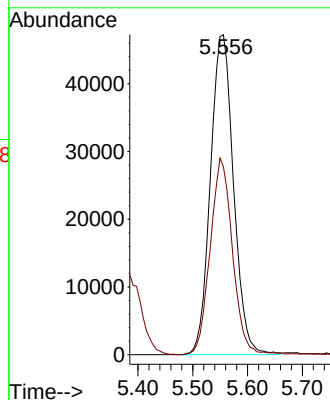
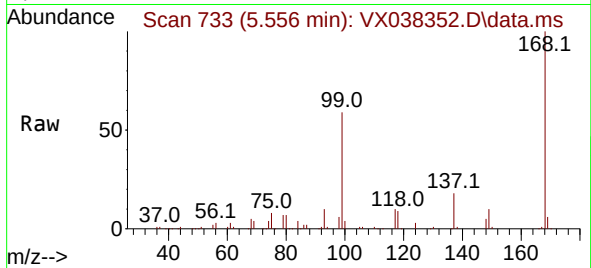
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

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MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:168 Resp: 13833
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0

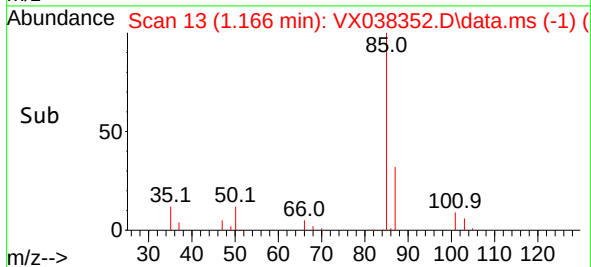
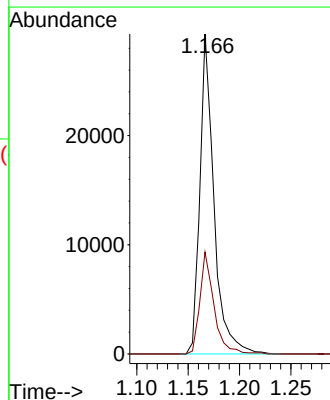
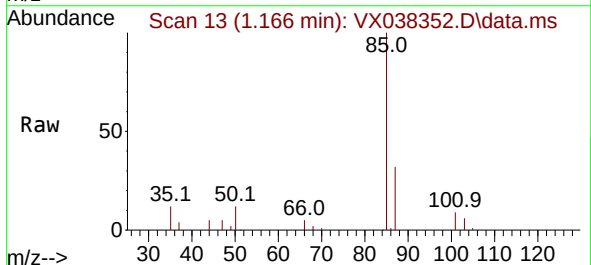
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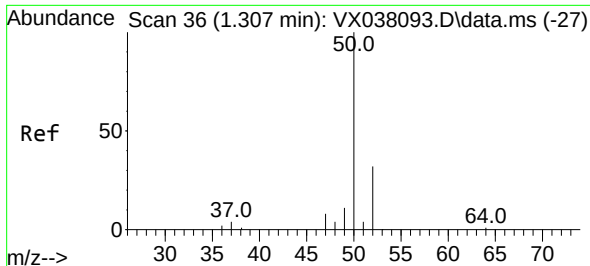
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 20.967 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 85 Resp: 27996
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





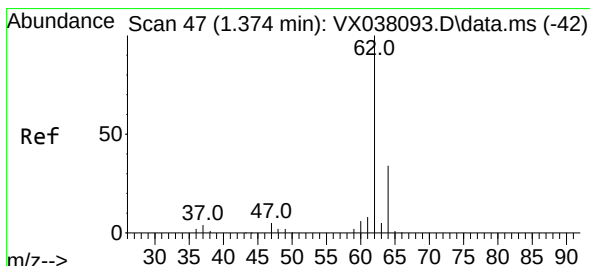
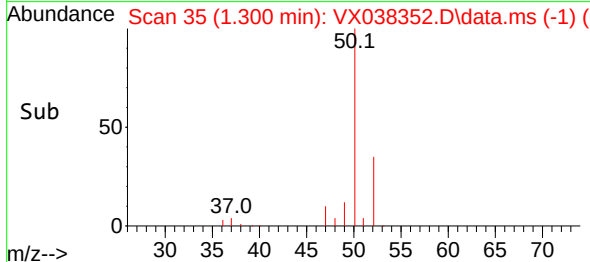
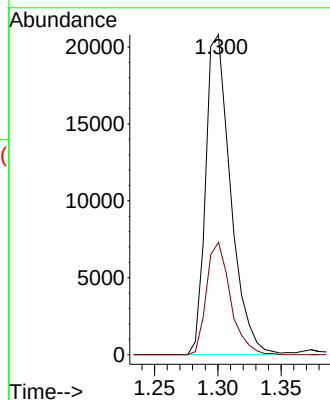
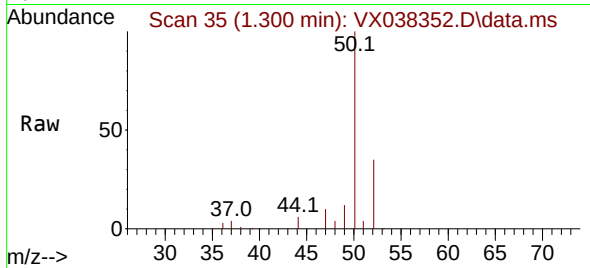
#3
Chloromethane
Concen: 21.047 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.001 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 50 Resp: 2864
Ion Ratio Lower Upper
50 100
52 35.1 25.5 38.3

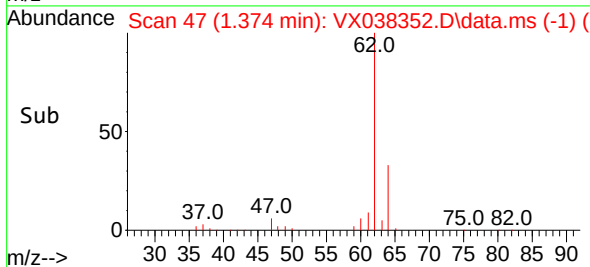
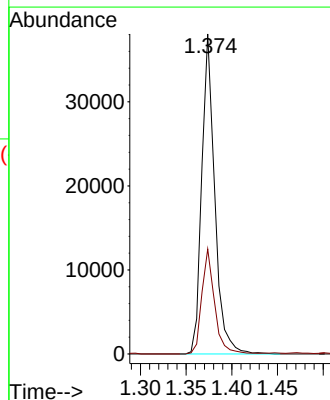
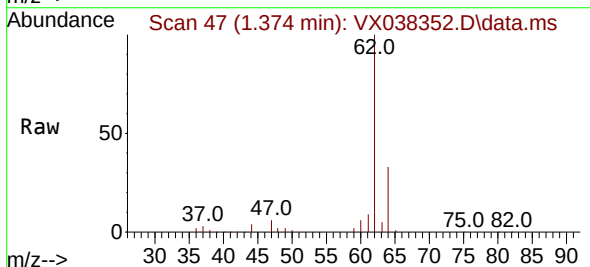
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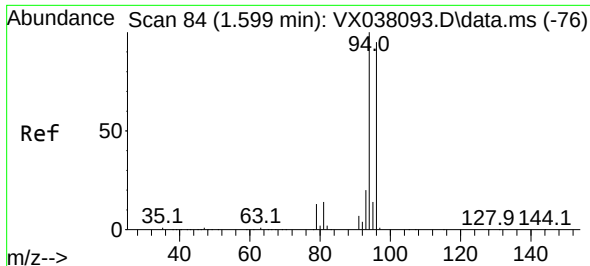
Reviewed By :John Carlone 10/19/2023
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#4
Vinyl Chloride
Concen: 24.933 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 62 Resp: 37622
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





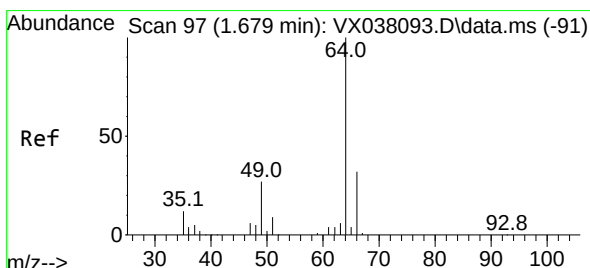
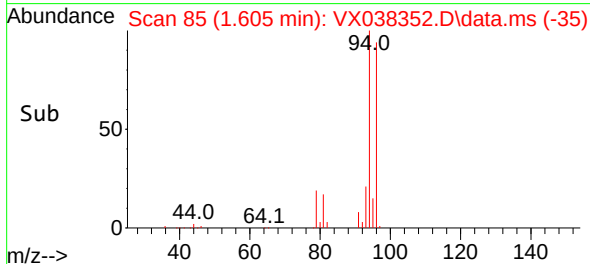
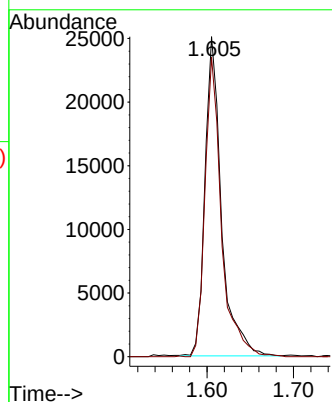
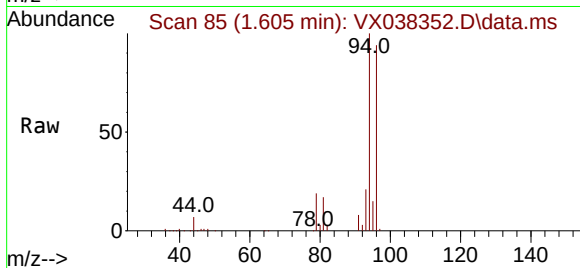
#5
Bromomethane
Concen: 16.157 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
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Tgt Ion: 94 Resp: 33162
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

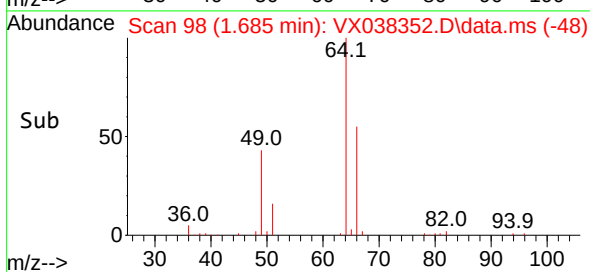
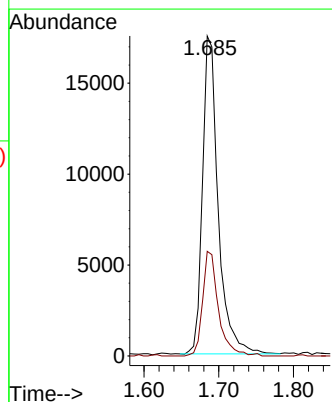
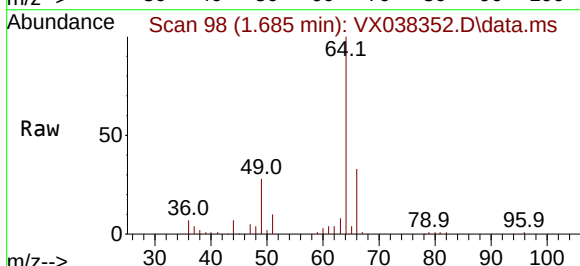
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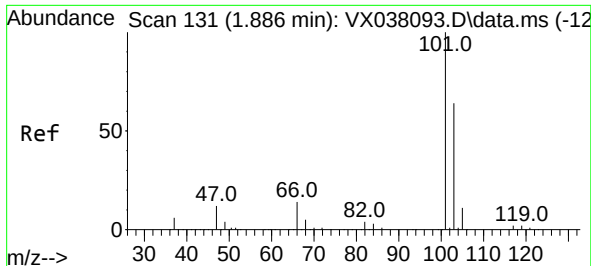
Reviewed By :John Carlone 10/19/2023
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#6
Chloroethane
Concen: 23.427 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038352.D
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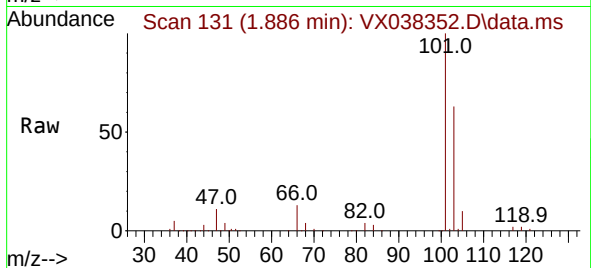
Tgt Ion: 64 Resp: 25454
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 23.923 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038352.D
 Acq: 18 Oct 2023 11:09

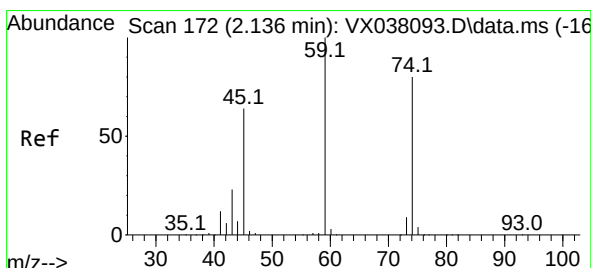
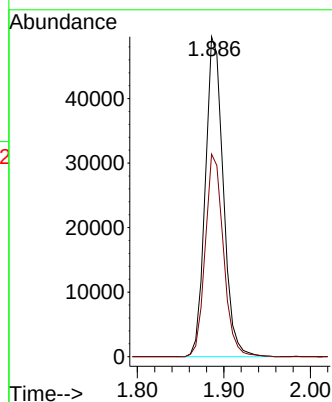
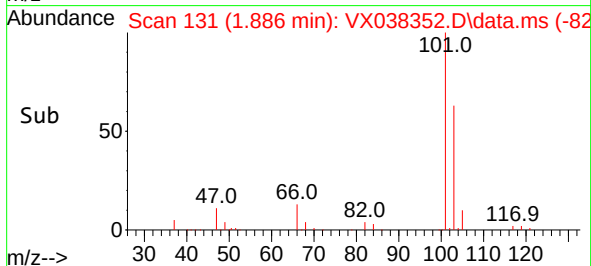
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01



Tgt Ion:101 Resp: 71299
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.2

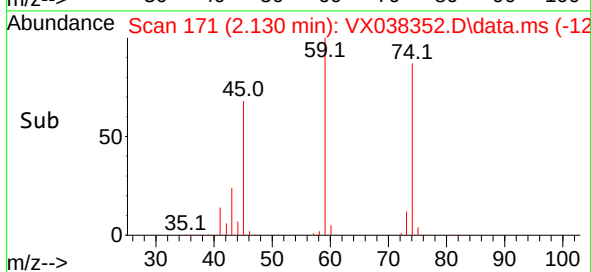
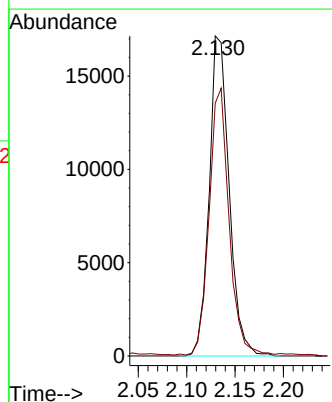
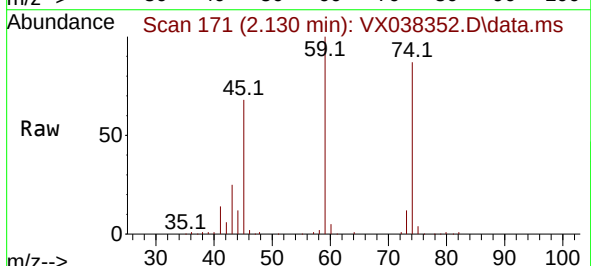
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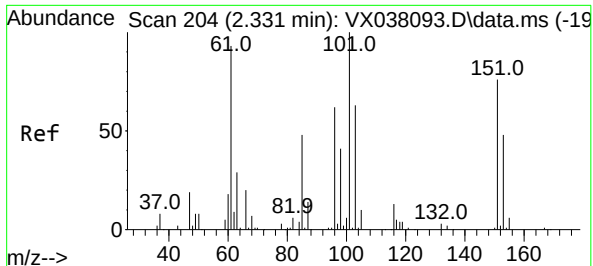
Reviewed By :John Carlone 10/19/2023
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#8
 Diethyl Ether
 Concen: 22.174 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038352.D
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Tgt Ion: 74 Resp: 24647
 Ion Ratio Lower Upper
 74 100
 45 85.0 53.3 159.8





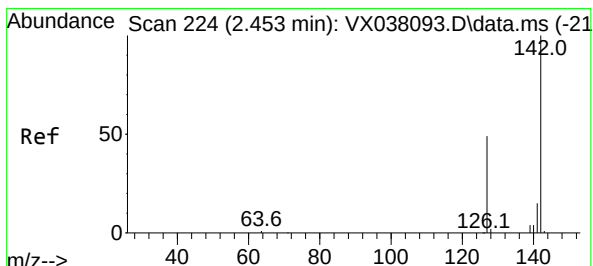
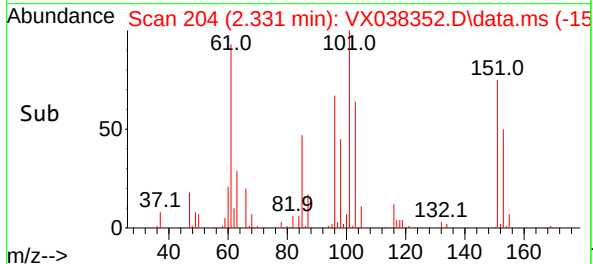
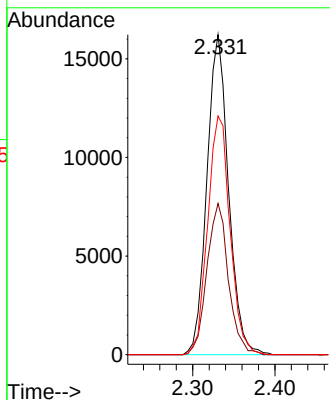
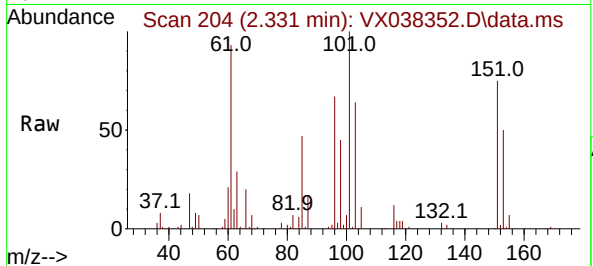
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.775 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:101 Resp: 2963
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 77.2 58.6 87.8

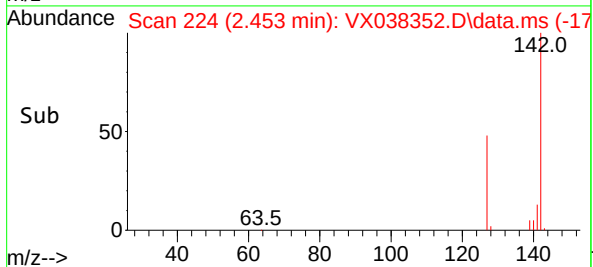
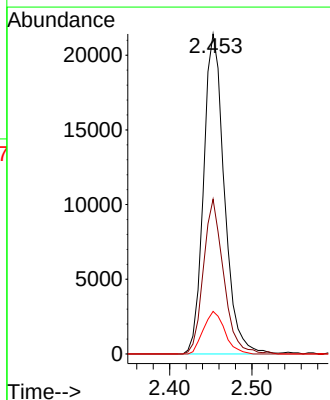
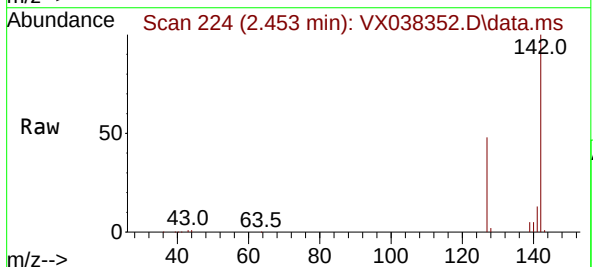
Manual Integrations
APPROVED

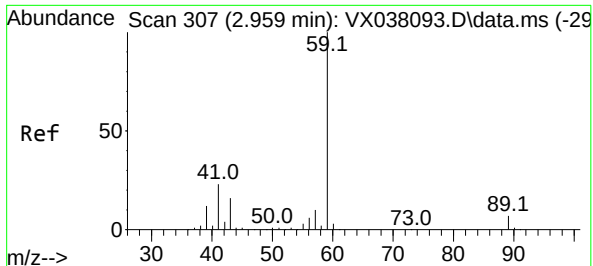
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
Methyl Iodide
Concen: 20.096 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:142 Resp: 37621
Ion Ratio Lower Upper
142 100
127 47.1 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 77.751 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 59 Resp: 4194

Ion Ratio Lower Upper

59 100

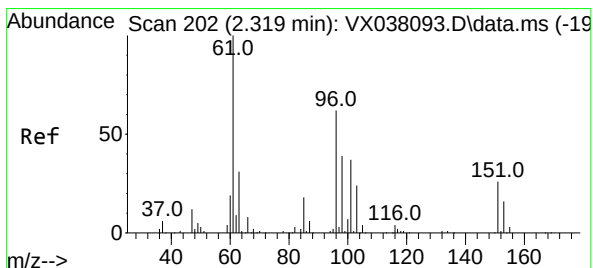
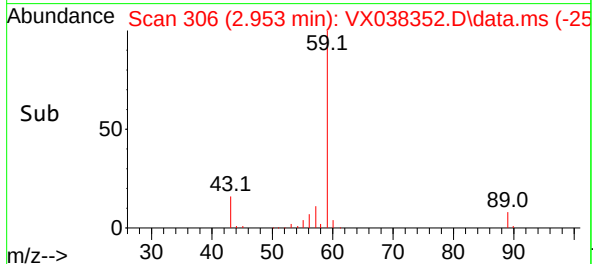
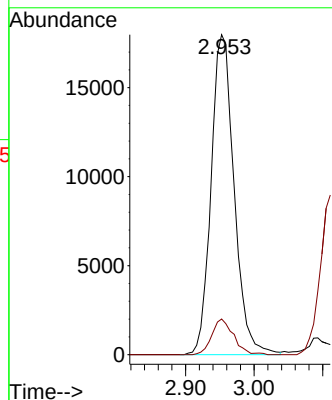
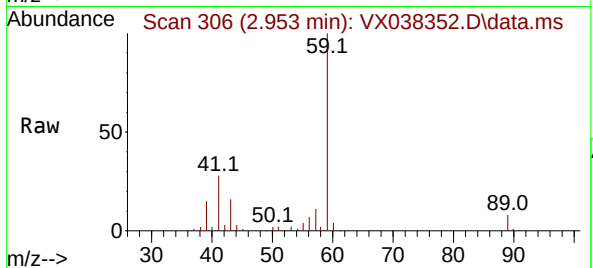
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#12

1,1-Dichloroethene

Concen: 22.593 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

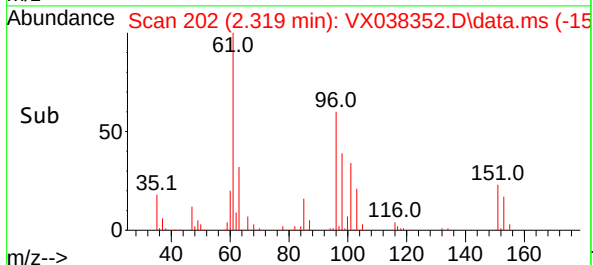
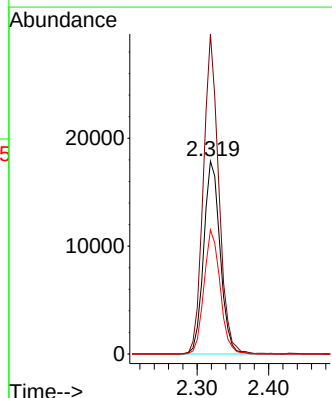
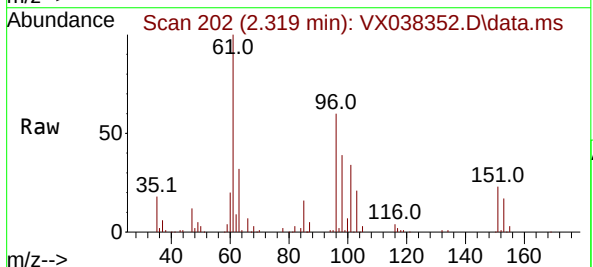
Tgt Ion: 96 Resp: 28594

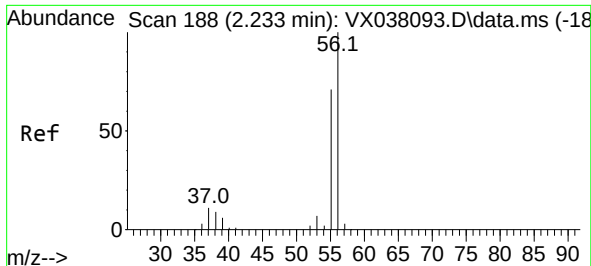
Ion Ratio Lower Upper

96 100

61 166.0 144.6 216.8

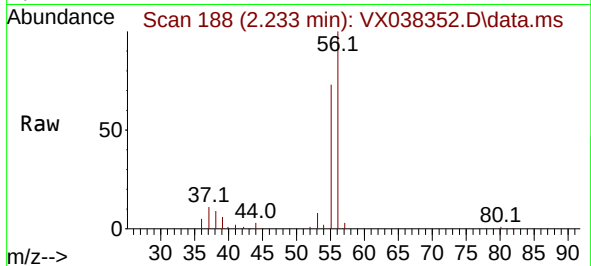
98 64.4 50.4 75.6





#13
Acrolein
Concen: 88.810 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

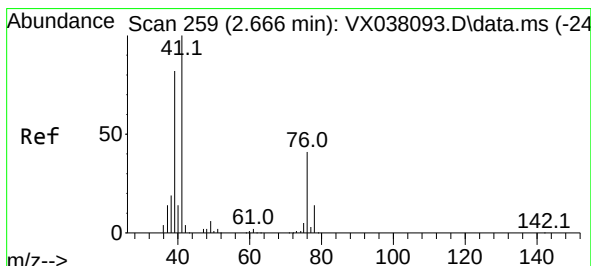
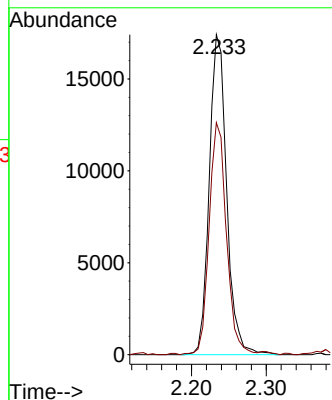
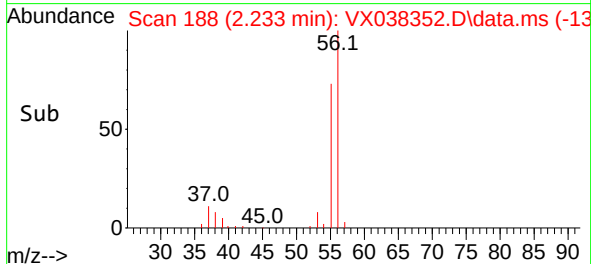
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
55 72.3 57.1 85.7

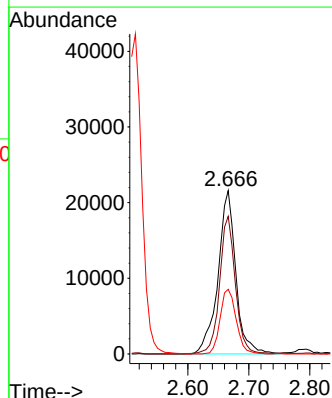
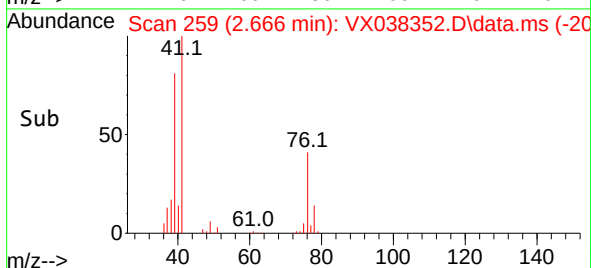
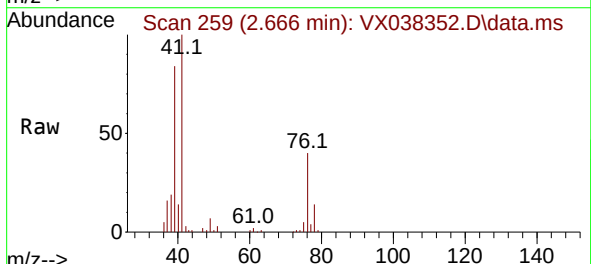
Manual Integrations
APPROVED

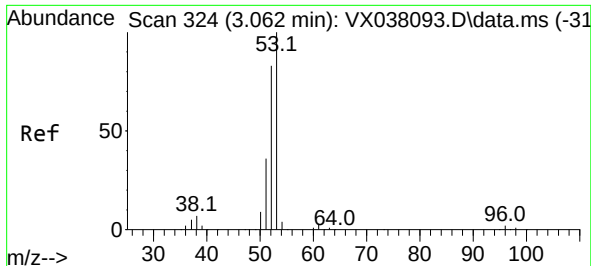
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#14
Allyl chloride
Concen: 19.491 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 41 Resp: 44123
Ion Ratio Lower Upper
41 100
39 74.3 55.8 83.6
76 35.4 24.3 36.5





#15

Acrylonitrile

Concen: 98.714 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 53 Resp: 99952

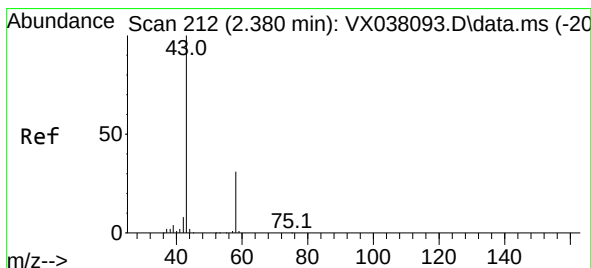
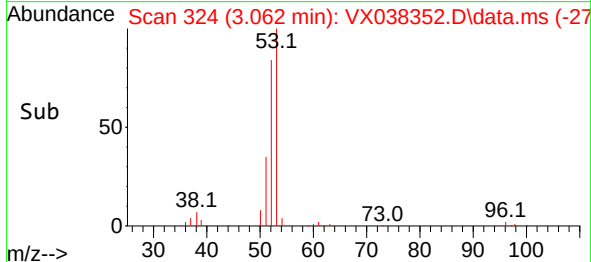
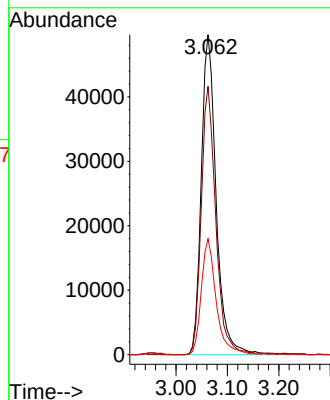
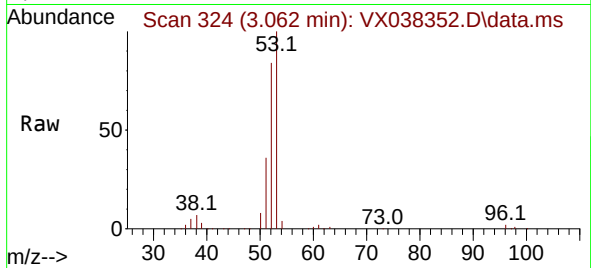
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.0	99.0
51	36.2	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Acetone

Concen: 110.019 ug/l

RT: 2.373 min Scan# 211

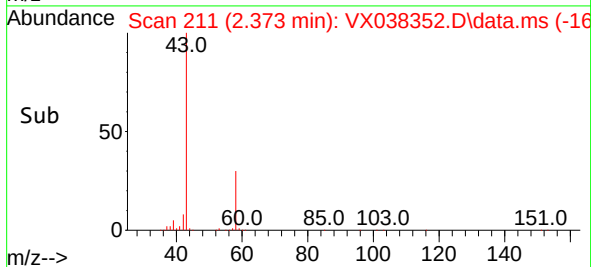
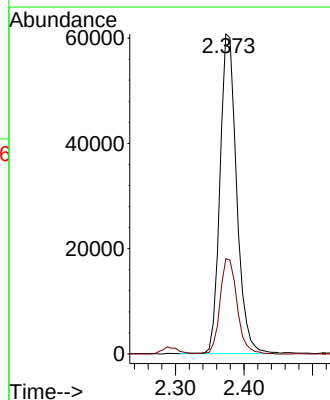
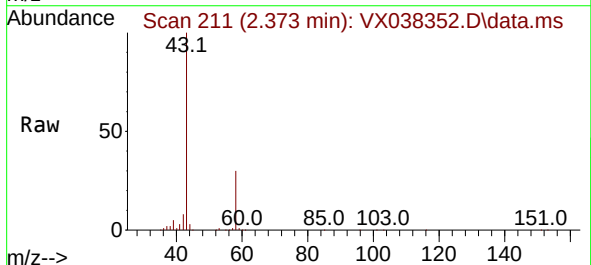
Delta R.T. -0.007 min

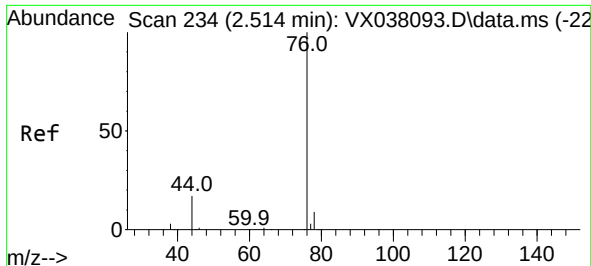
Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion: 43 Resp: 102163

Ion	Ratio	Lower	Upper
43	100		
58	29.8	21.9	32.9





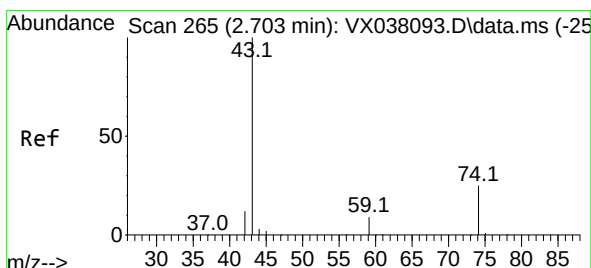
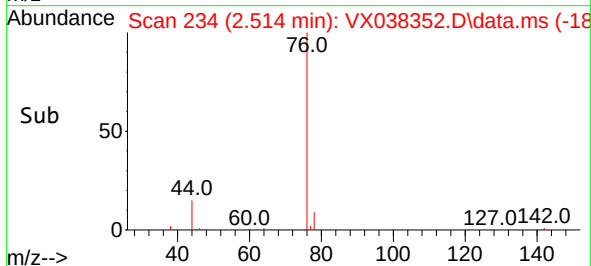
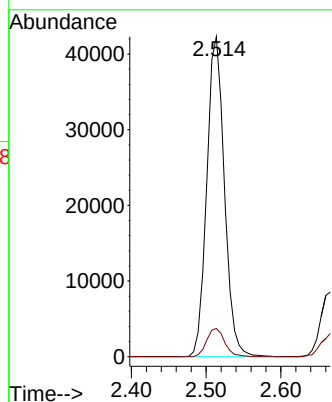
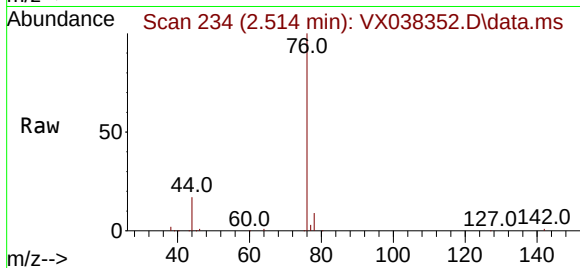
#17
Carbon Disulfide
Concen: 18.981 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 76 Resp: 69239
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

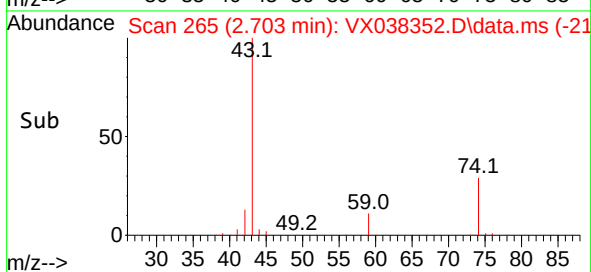
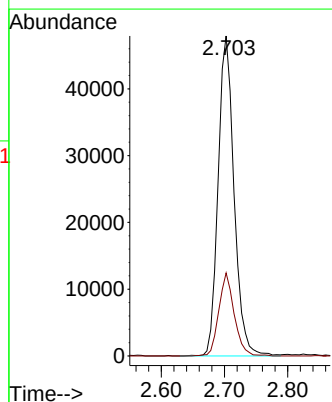
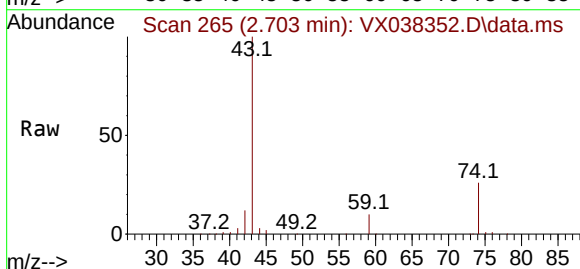
Manual Integrations
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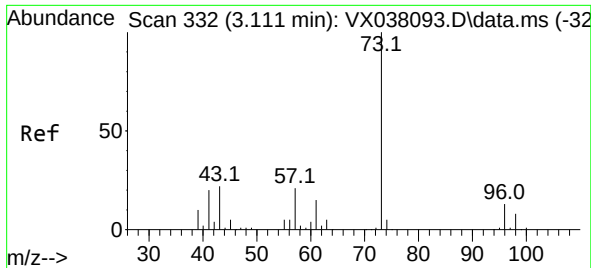
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#18
Methyl Acetate
Concen: 21.004 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 43 Resp: 83641
Ion Ratio Lower Upper
43 100
74 25.0 17.8 26.8





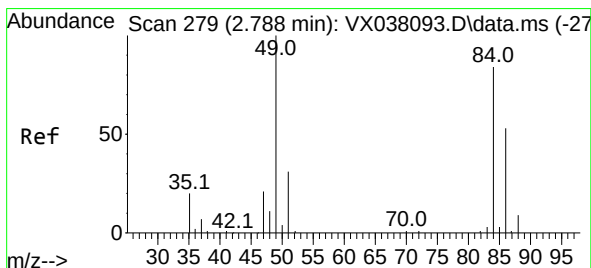
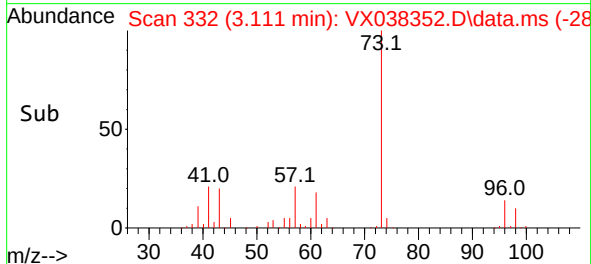
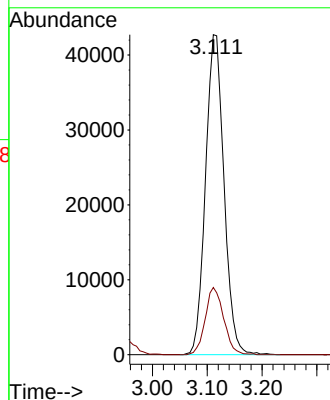
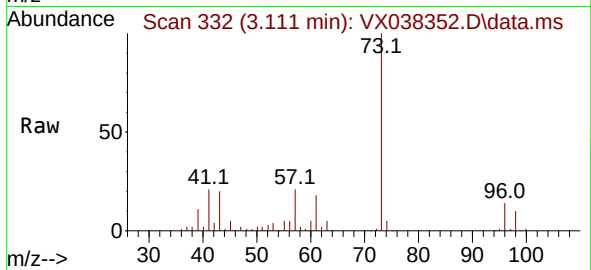
#19
Methyl tert-butyl Ether
Concen: 19.789 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 73 Resp: 99749
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

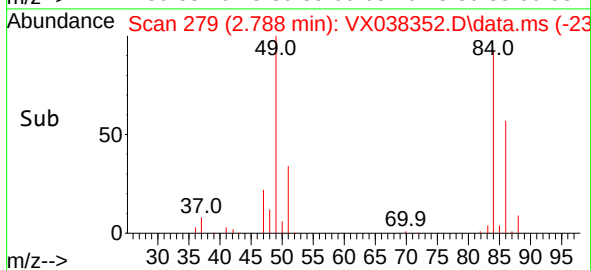
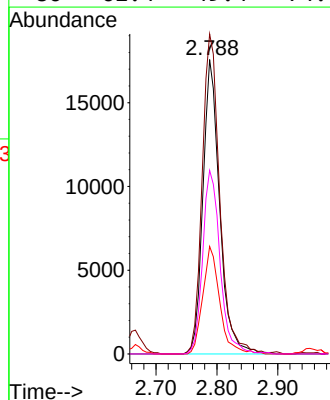
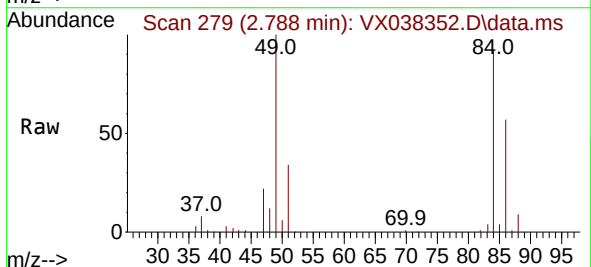
Manual Integrations
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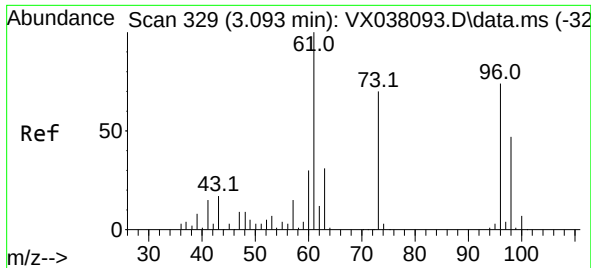
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#20
Methylene Chloride
Concen: 19.237 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

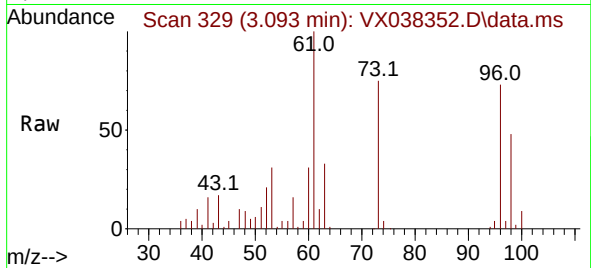
Tgt Ion: 84 Resp: 33600
Ion Ratio Lower Upper
84 100
49 108.7 103.6 155.4
51 36.5 33.8 50.6
86 62.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

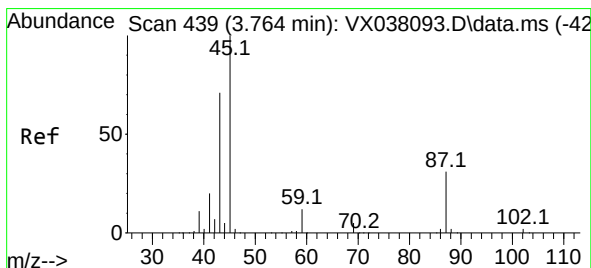
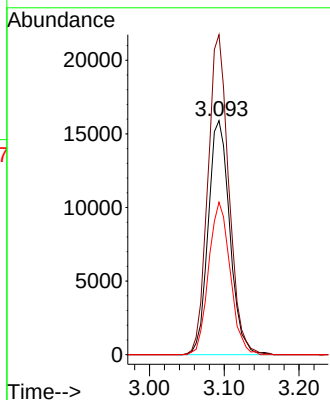
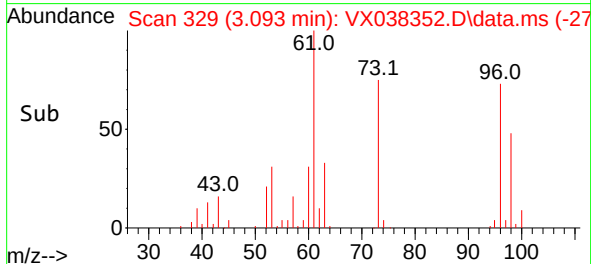
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



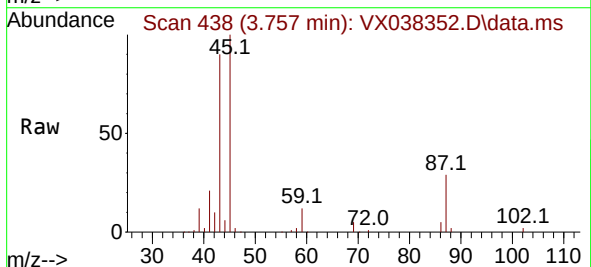
Tgt Ion: 96 Resp: 31890
Ion Ratio Lower Upper
96 100
61 136.7 119.2 178.8
98 65.2 48.7 73.1

Manual Integrations
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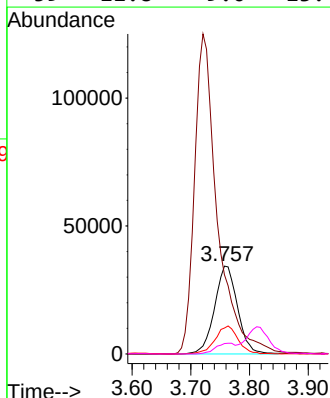
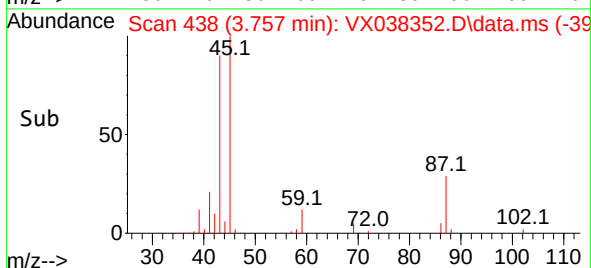
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

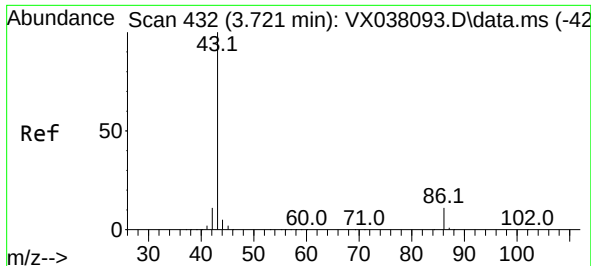


#22
Diisopropyl ether
Concen: 19.640 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09



Tgt Ion: 45 Resp: 93184
Ion Ratio Lower Upper
45 100
43 88.7 69.7 104.5
87 29.4 20.8 31.2
59 11.8 9.0 13.4





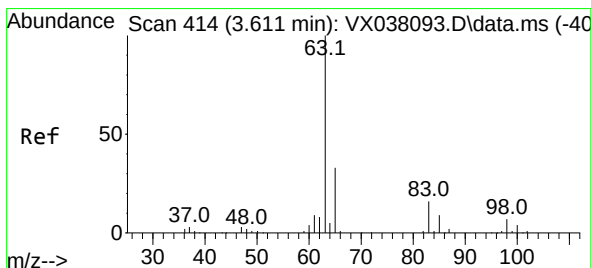
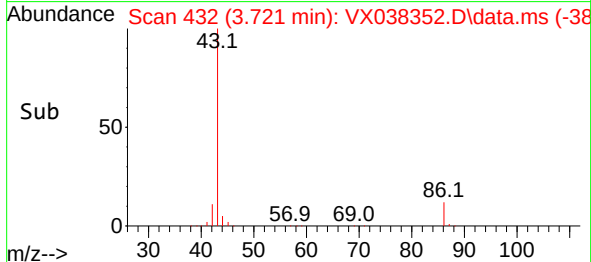
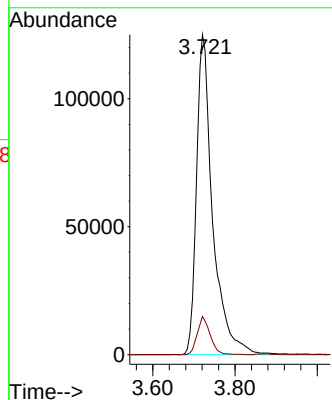
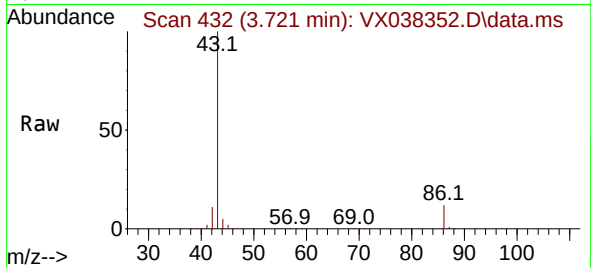
#23
 Vinyl Acetate
 Concen: 98.029 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038352.D
 Acq: 18 Oct 2023 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01

Tgt Ion: 43 Resp: 341079
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8

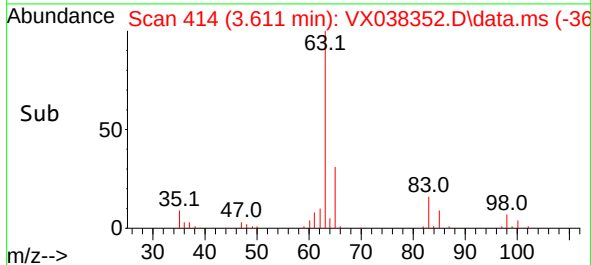
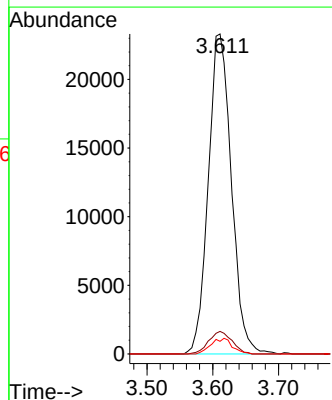
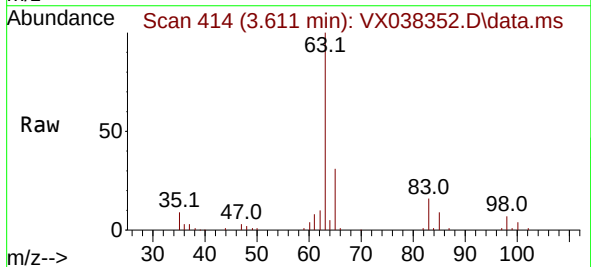
Manual Integrations
 APPROVED

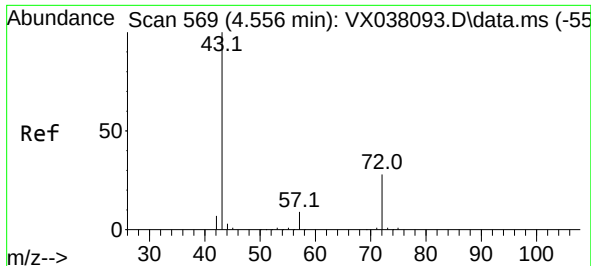
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.804 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038352.D
 Acq: 18 Oct 2023 11:09

Tgt Ion: 63 Resp: 57024
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.0 2.1 6.5





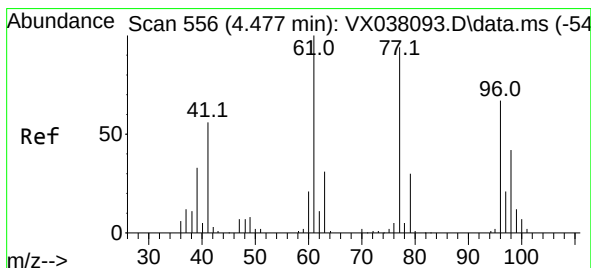
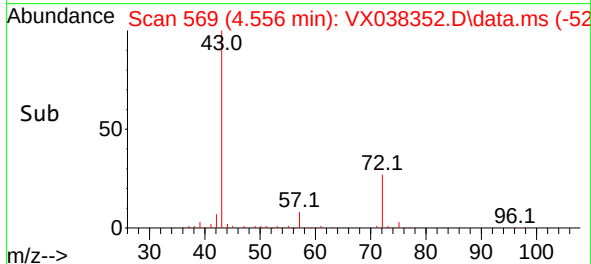
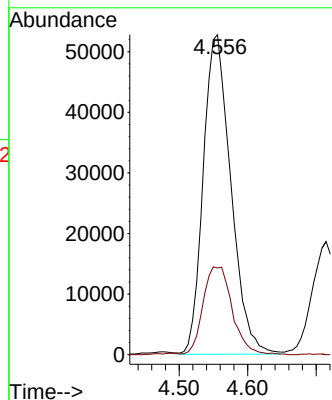
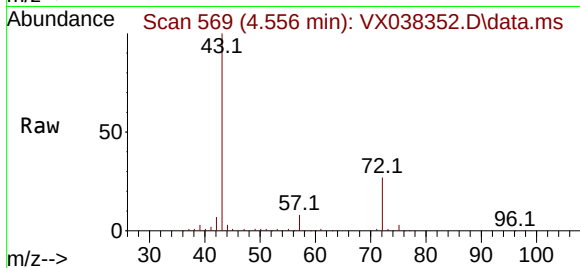
#25
2-Butanone
Concen: 98.734 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 43 Resp: 147929
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

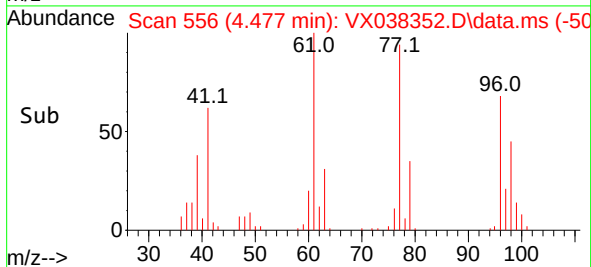
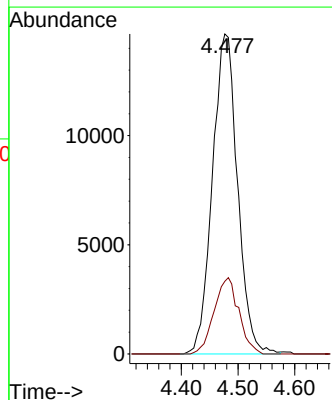
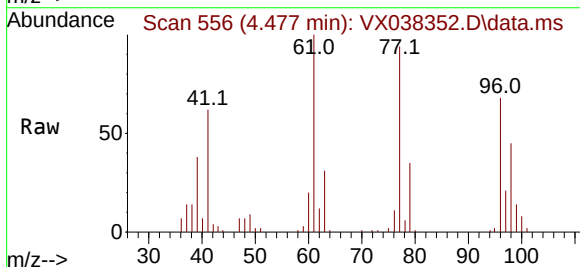
Manual Integrations
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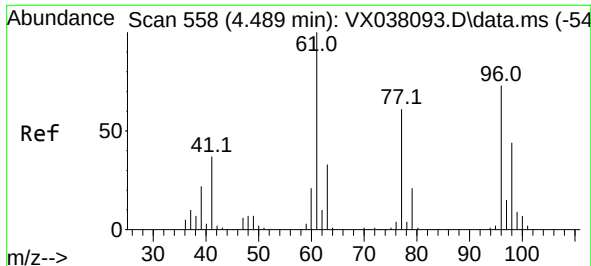
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
2,2-Dichloropropane
Concen: 20.020 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 77 Resp: 45005
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.350 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 96 Resp: 37978

Ion Ratio Lower Upper

96 100

61 140.6 0.0 312.2

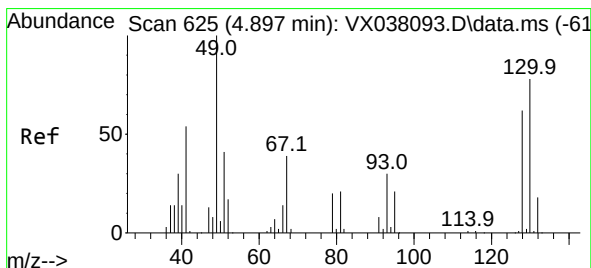
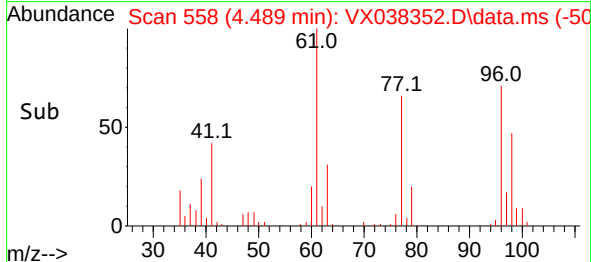
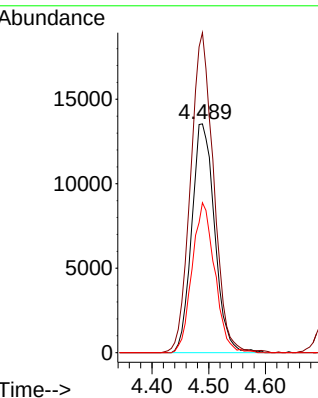
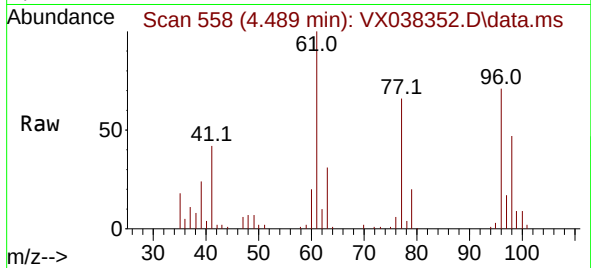
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#28

Bromochloromethane

Concen: 19.187 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

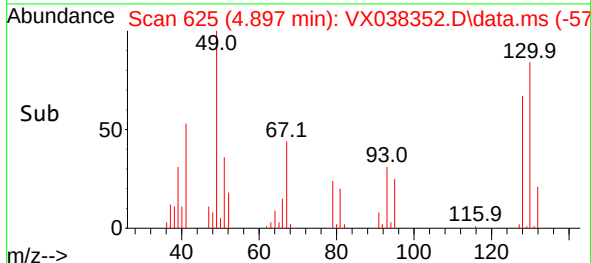
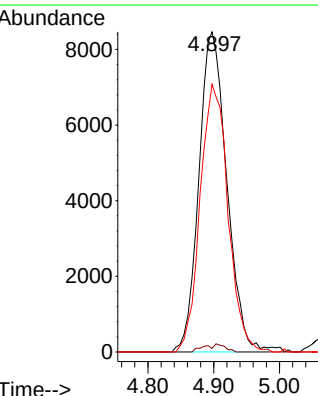
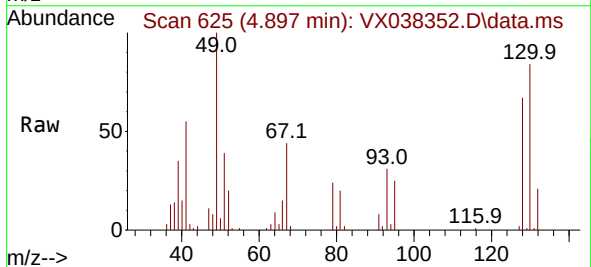
Tgt Ion: 49 Resp: 24939

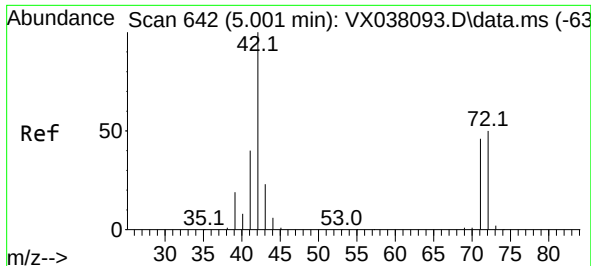
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 83.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 96.019 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 42 Resp: 9366

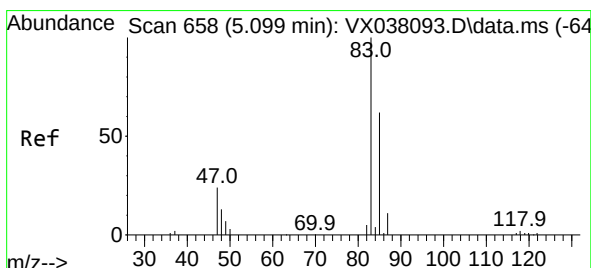
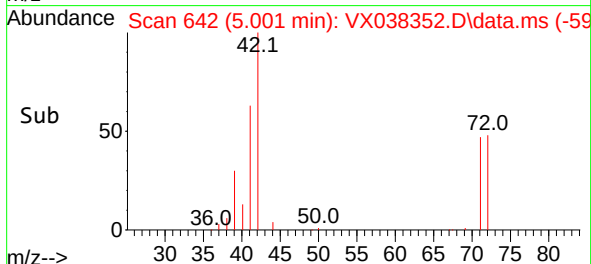
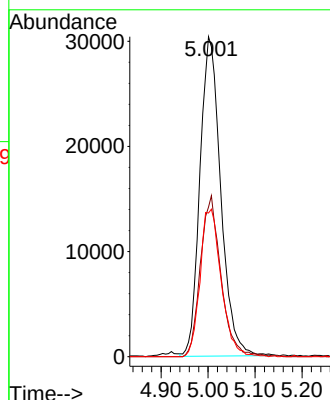
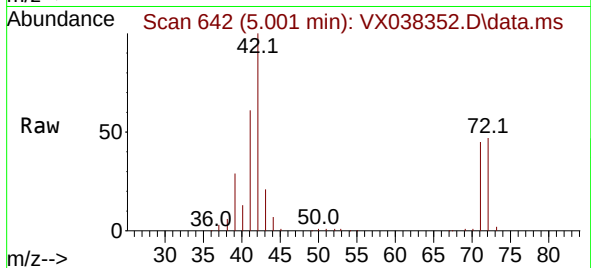
Ion	Ratio	Lower	Upper
42	100		
72	49.7	34.2	51.4
71	46.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#30

Chloroform

Concen: 20.630 ug/l

RT: 5.099 min Scan# 658

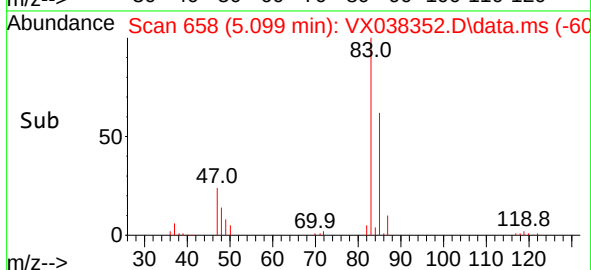
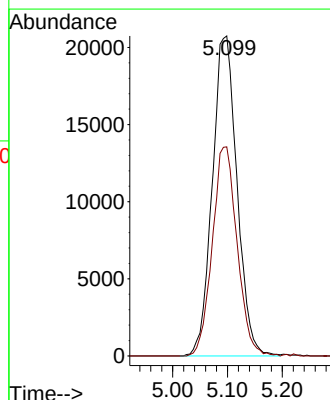
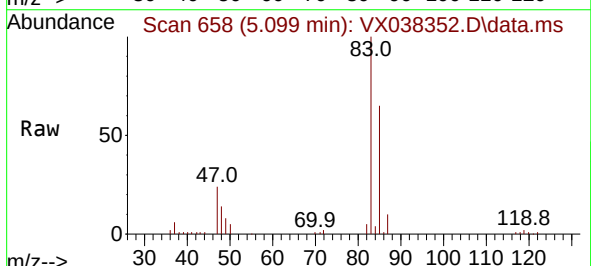
Delta R.T. 0.006 min

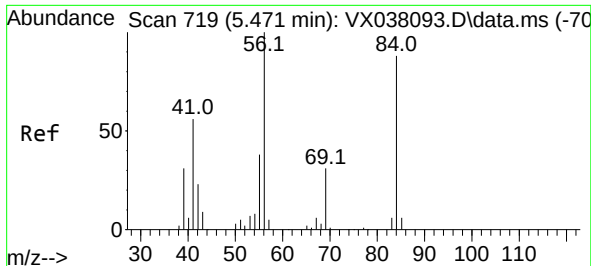
Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion: 83 Resp: 64957

Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5





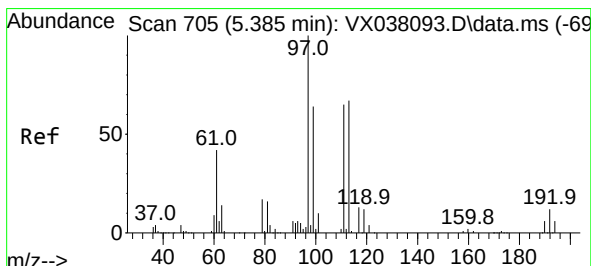
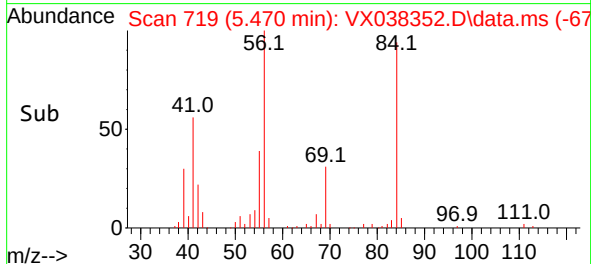
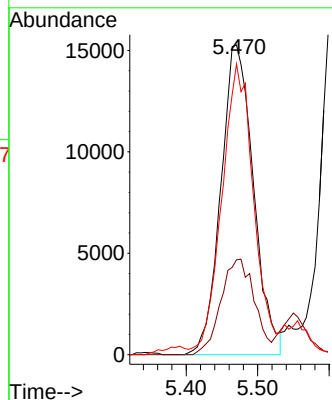
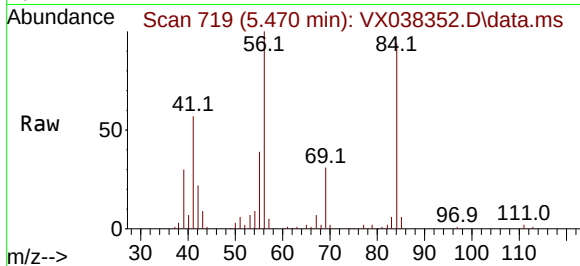
#31
Cyclohexane
Concen: 20.043 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 56 Resp: 4831
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 91.1 65.9 98.9

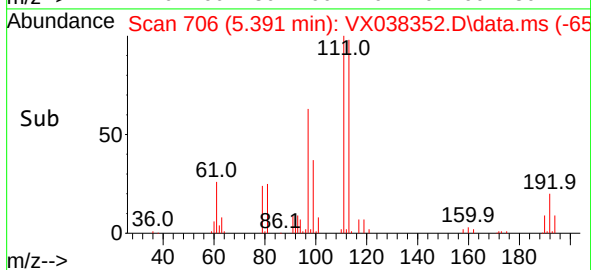
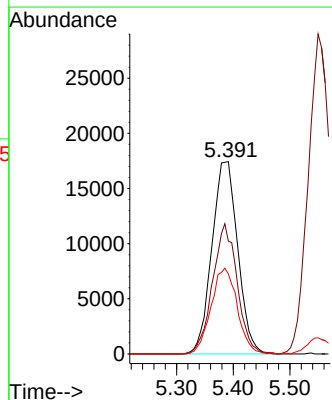
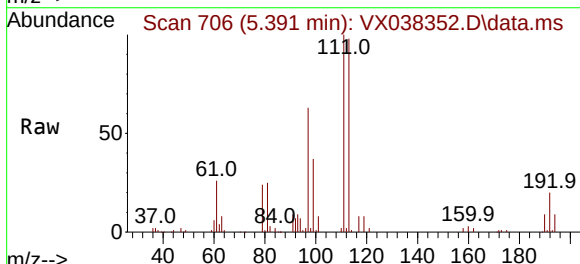
Manual Integrations
APPROVED

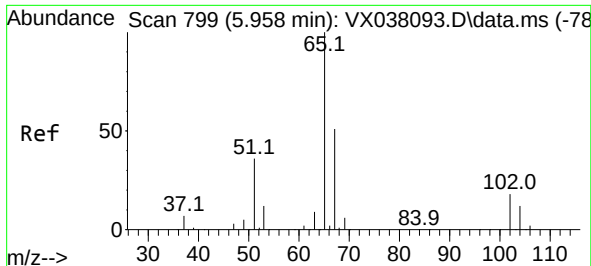
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.548 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 97 Resp: 55417
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 45.0 36.4 54.6





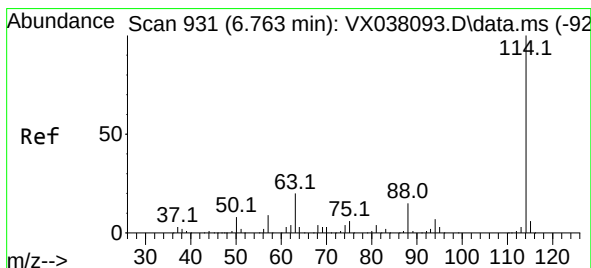
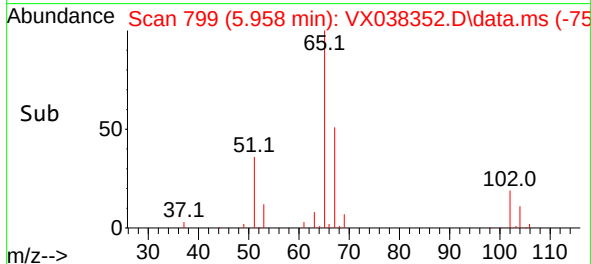
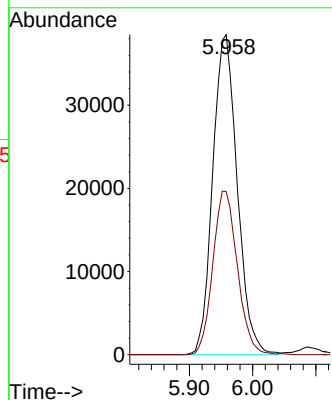
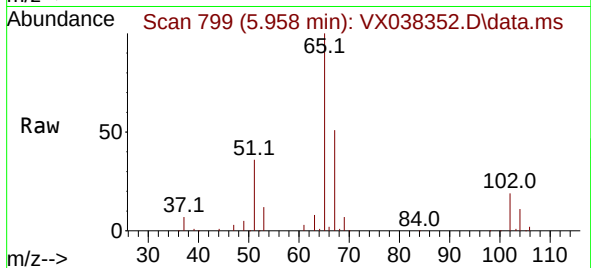
#33
1,2-Dichloroethane-d4
Concen: 46.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 65 Resp: 103678
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

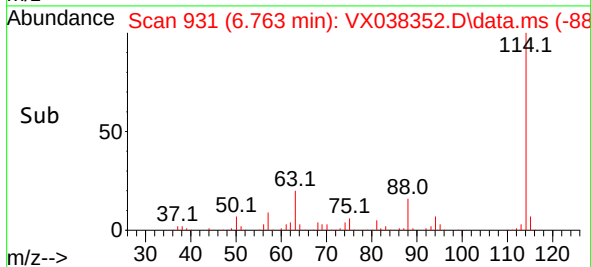
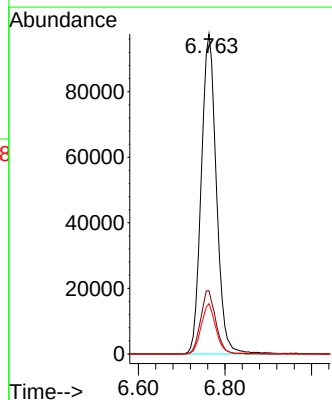
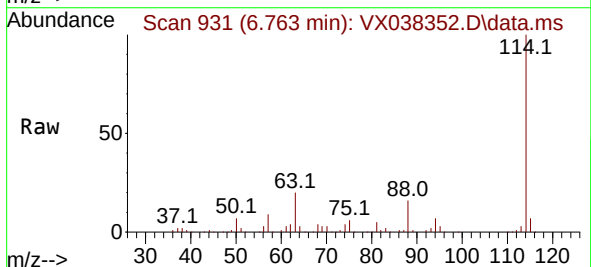
Manual Integrations
APPROVED

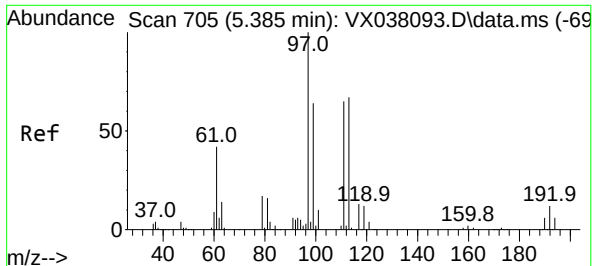
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

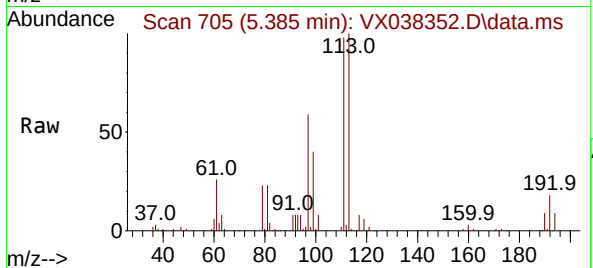
Tgt Ion:114 Resp: 236504
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.140 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

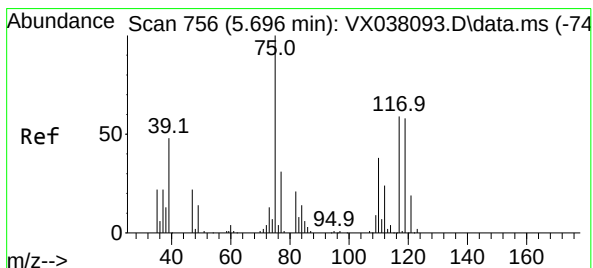
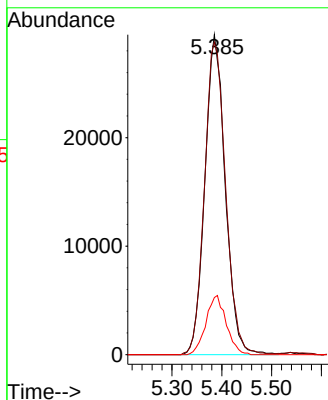
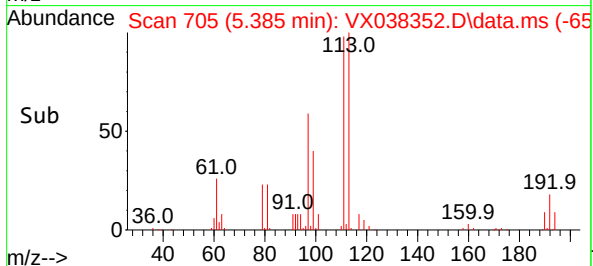
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion:113 Resp: 8374
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.4 13.3 19.9

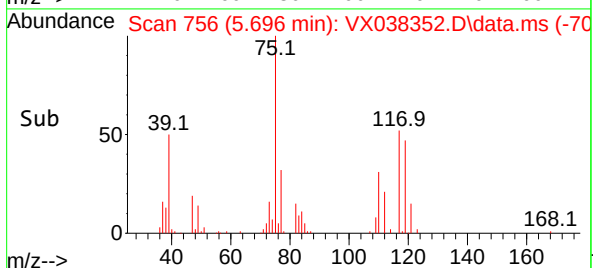
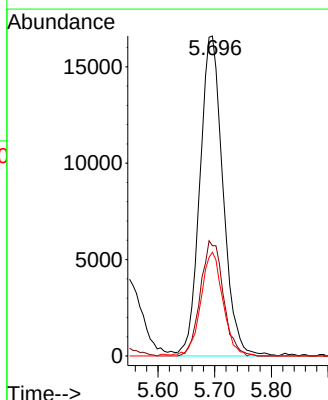
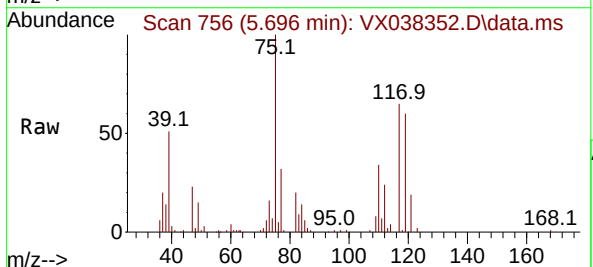
Manual Integrations
APPROVED

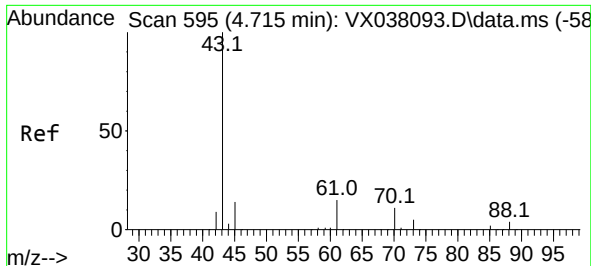
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#36
1,1-Dichloropropene
Concen: 19.955 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 75 Resp: 46895
Ion Ratio Lower Upper
75 100
110 35.7 17.0 50.9
77 31.1 24.7 37.1





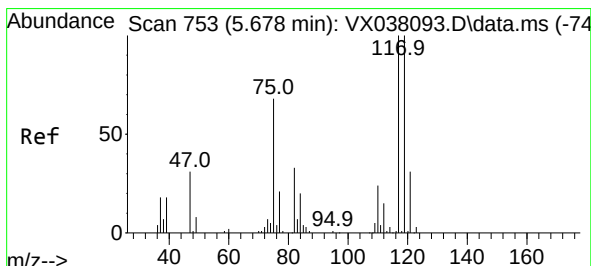
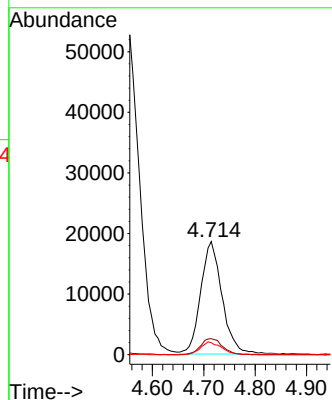
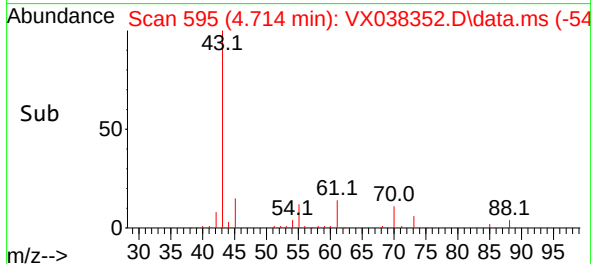
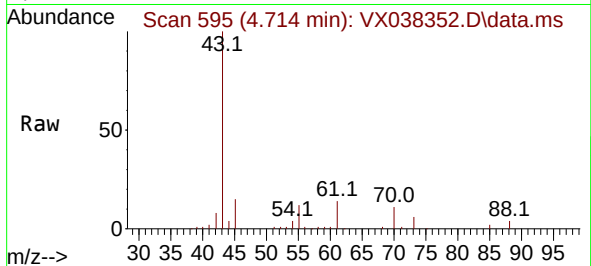
#37
Ethyl Acetate
Concen: 19.267 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 43 Resp: 53774
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.1 8.3 12.5

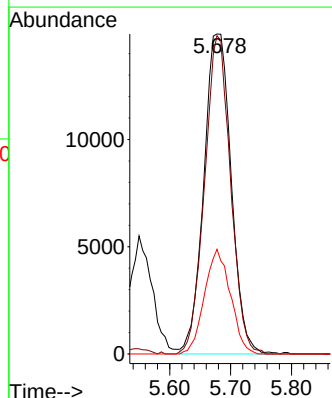
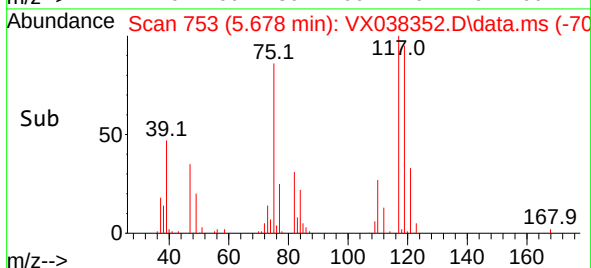
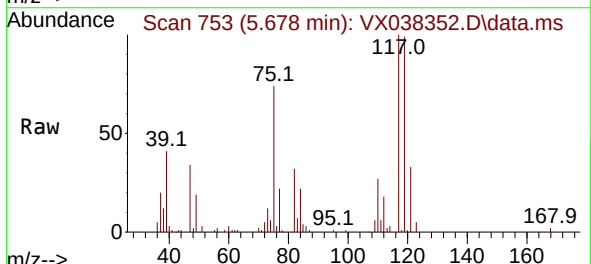
Manual Integrations
APPROVED

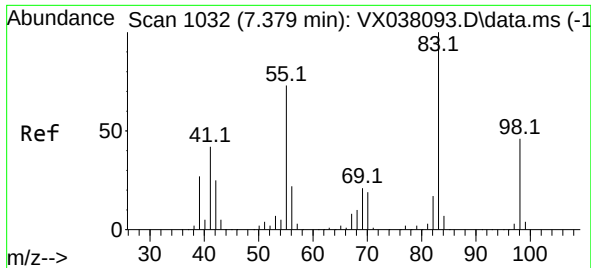
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#38
Carbon Tetrachloride
Concen: 20.191 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:117 Resp: 46678
Ion Ratio Lower Upper
117 100
119 99.5 78.2 117.2
121 32.7 24.4 36.6





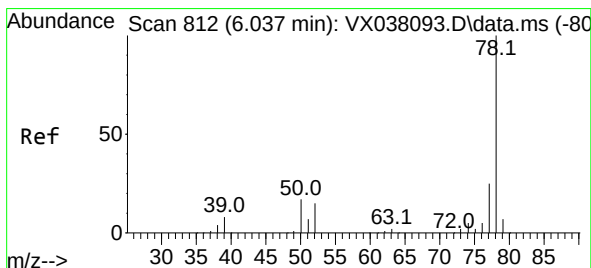
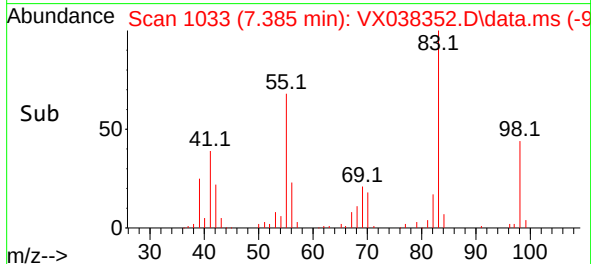
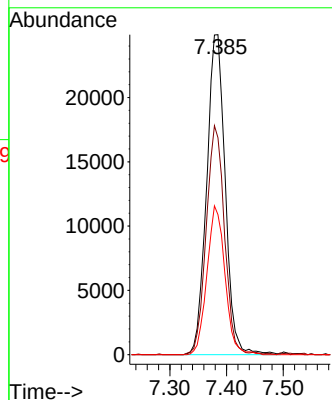
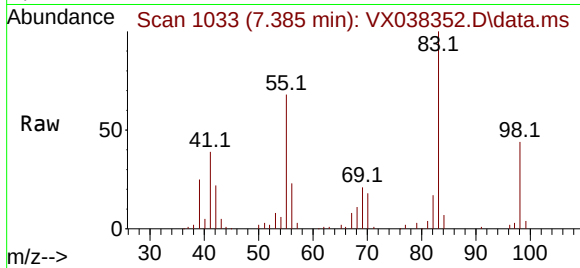
#39
Methylcyclohexane
Concen: 20.620 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 83 Resp: 5675
Ion Ratio Lower Upper
83 100
55 67.8 64.6 97.0
98 43.8 36.7 55.1

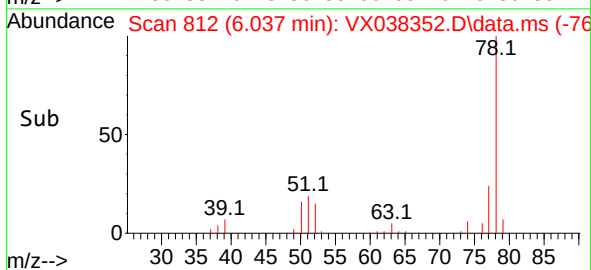
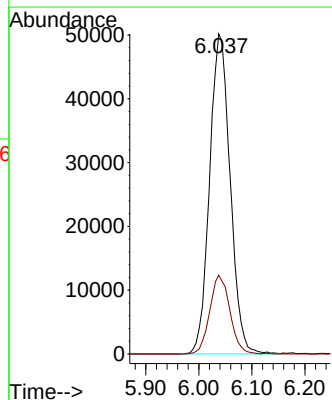
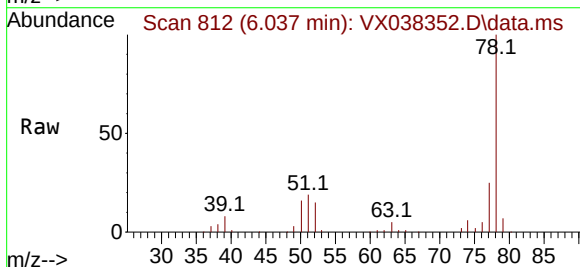
Manual Integrations
APPROVED

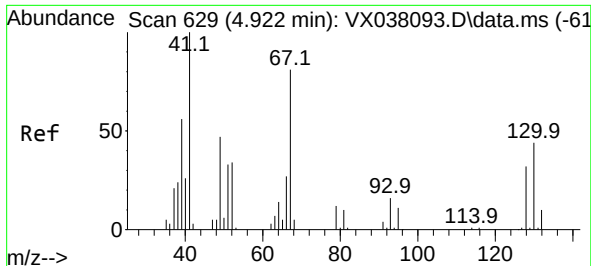
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Benzene
Concen: 20.570 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

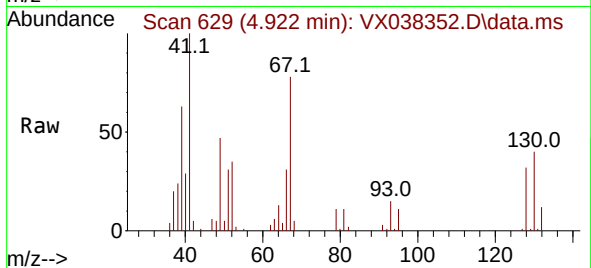
Tgt Ion: 78 Resp: 135205
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 19.206 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

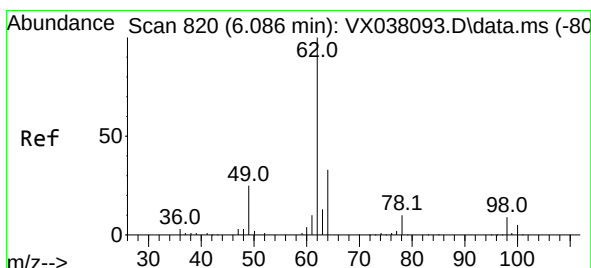
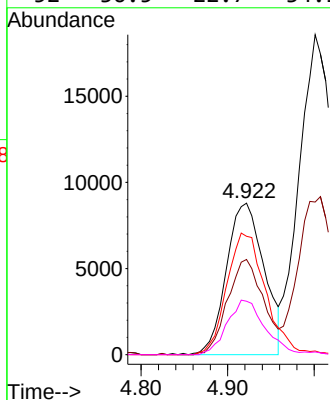
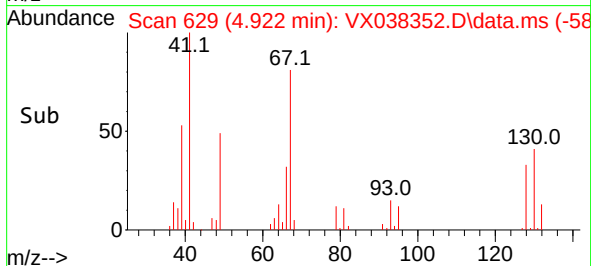
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion:	41	Resp:	2666
Ion	Ratio	Lower	Upper
41	100		
39	59.9	45.2	67.8
67	82.8	52.6	78.8
52	36.5	22.7	34.1

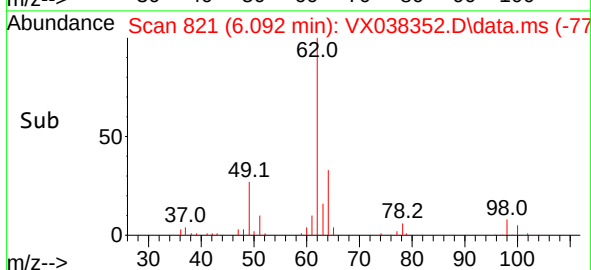
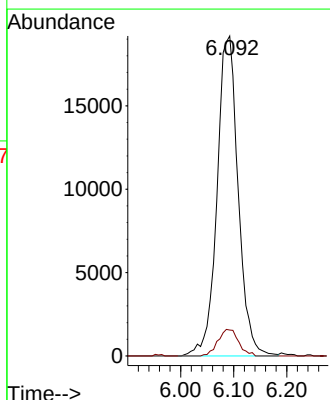
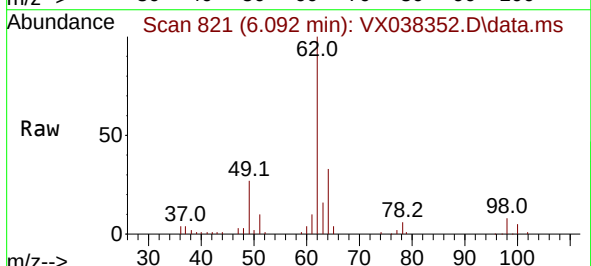
Manual Integrations
APPROVED

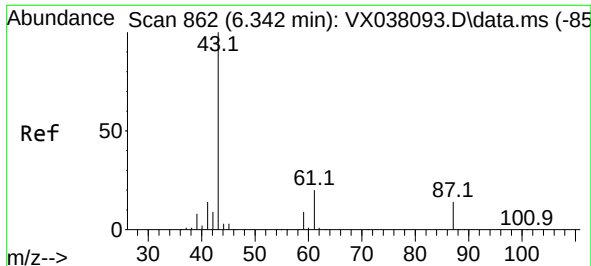
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#42
1,2-Dichloroethane
Concen: 20.238 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:	62	Resp:	53147
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.394 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

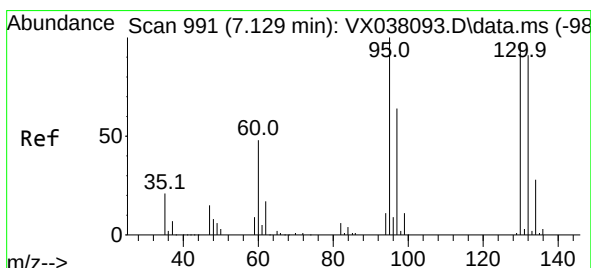
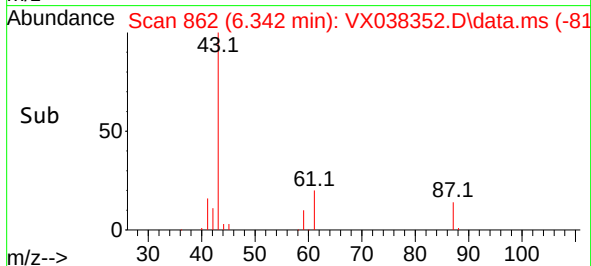
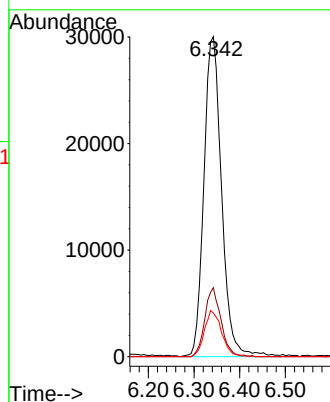
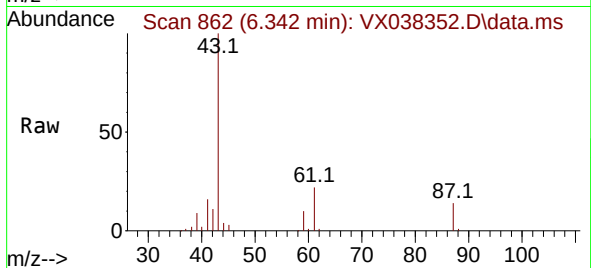
Tgt Ion:	43	Resp:	80804
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.2	22.8
87	13.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#44

Trichloroethene

Concen: 21.568 ug/l

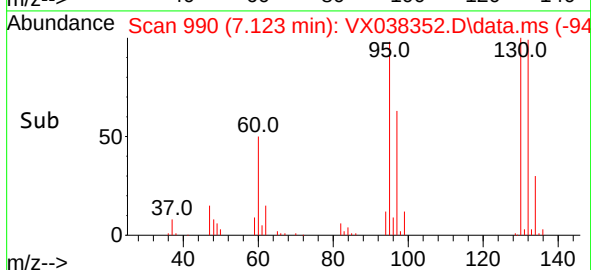
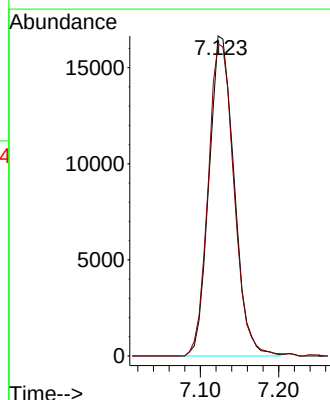
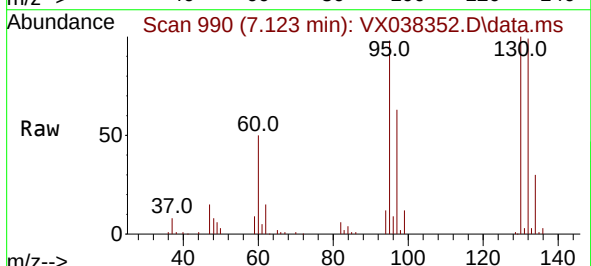
RT: 7.123 min Scan# 990

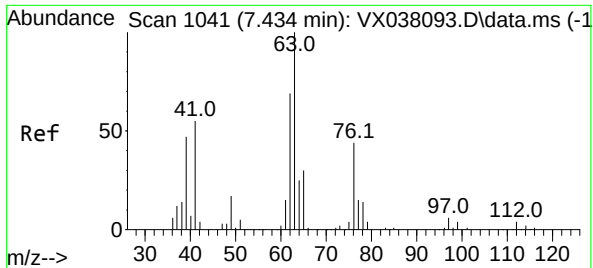
Delta R.T. -0.006 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion:	130	Resp:	37078
Ion Ratio	Lower	Upper	
130	100		
95	97.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.311 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 63 Resp: 3455

Ion Ratio Lower Upper

63 100

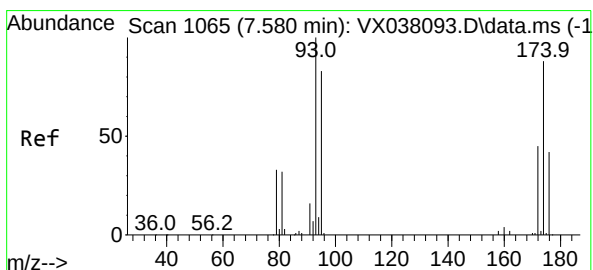
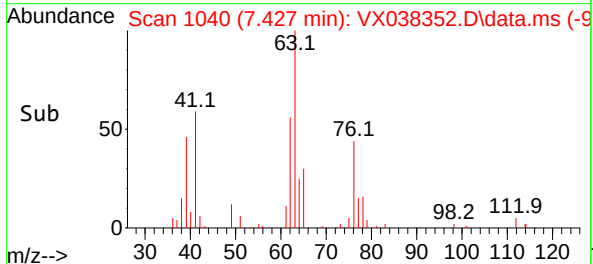
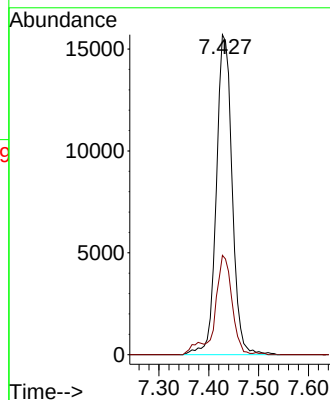
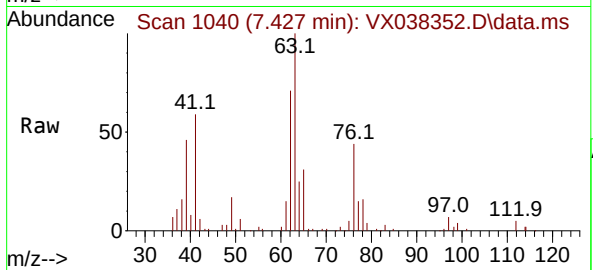
65 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#46

Dibromomethane

Concen: 20.940 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

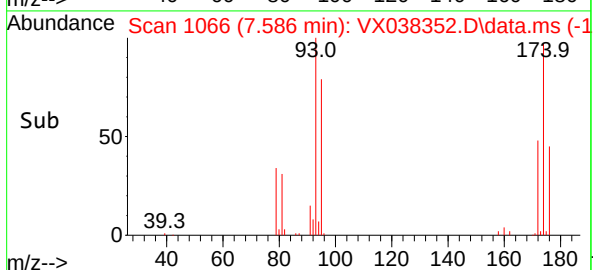
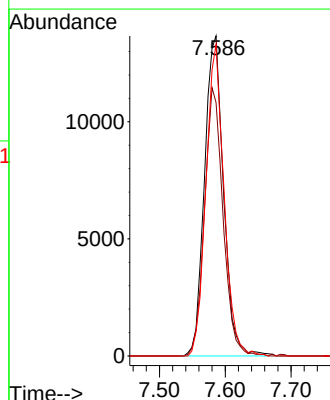
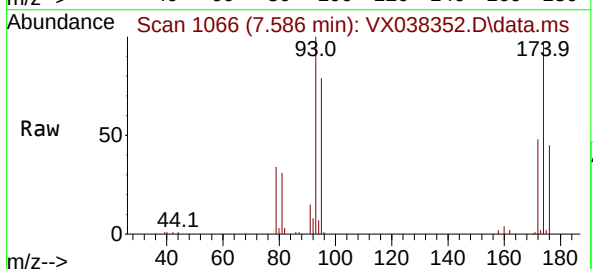
Tgt Ion: 93 Resp: 27628

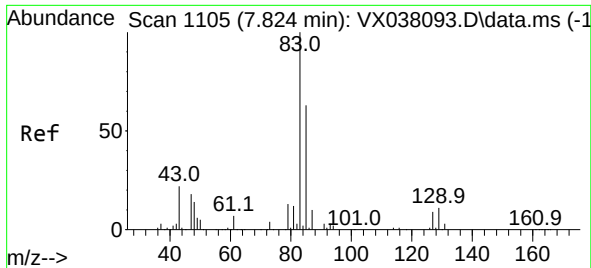
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

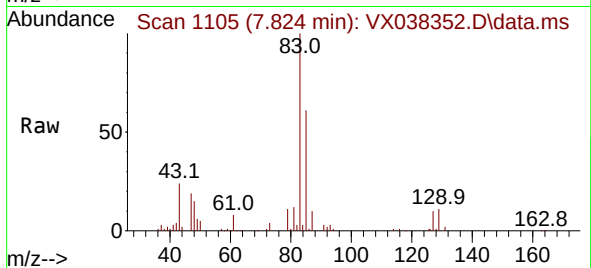
174 92.1 69.4 104.0





#47
Bromodichloromethane
Concen: 20.645 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

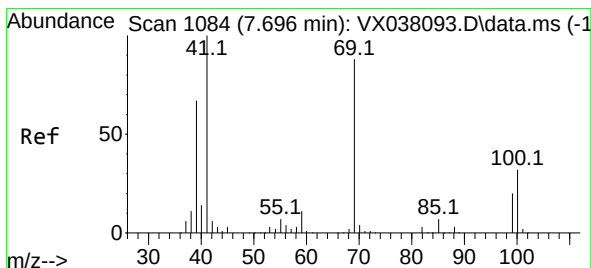
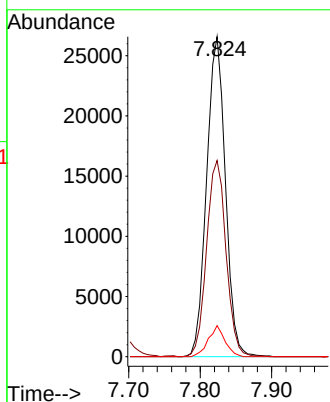
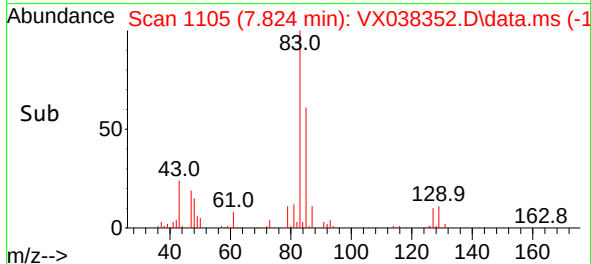
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



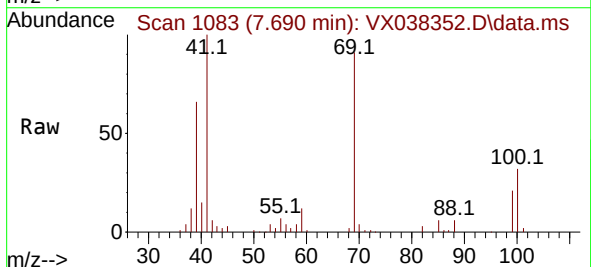
Tgt Ion: 83 Resp: 48458
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
APPROVED

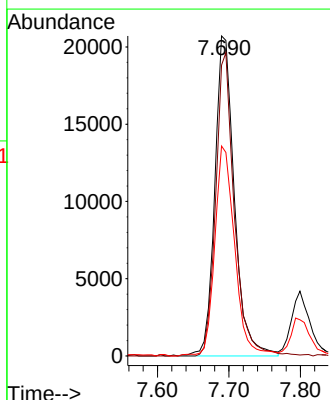
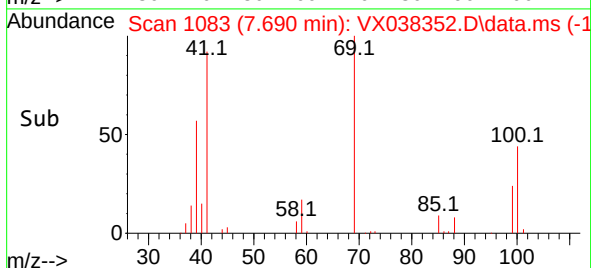
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

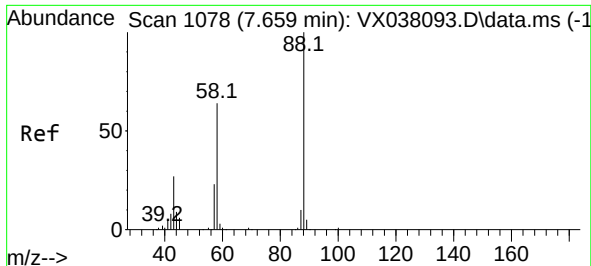


#48
Methyl methacrylate
Concen: 19.817 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09



Tgt Ion: 41 Resp: 39416
Ion Ratio Lower Upper
41 100
69 90.3 59.2 88.8#
39 66.9 47.7 71.5





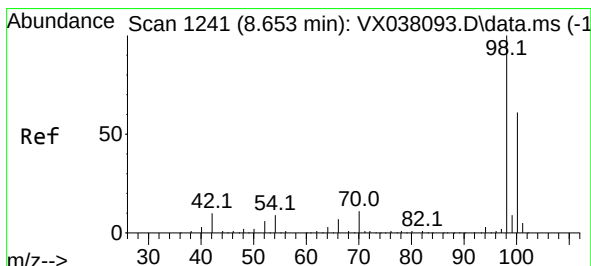
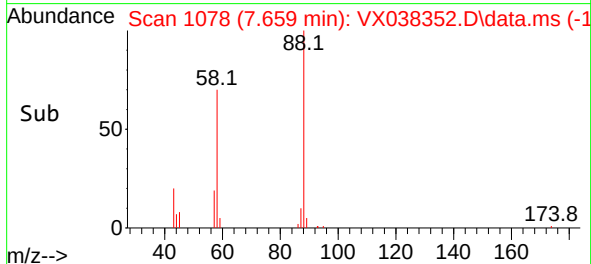
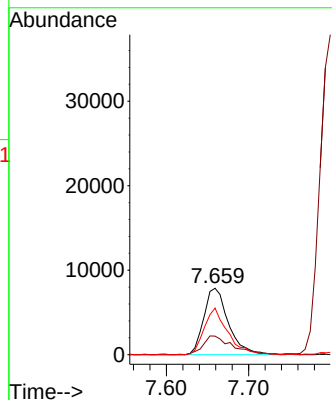
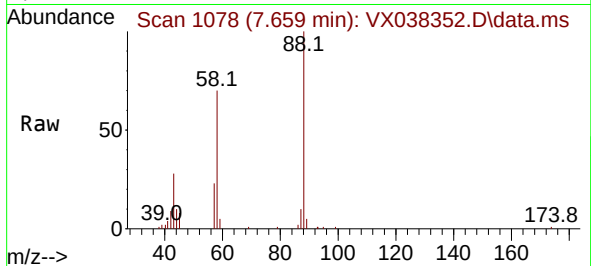
#49
1,4-Dioxane
Concen: 333.340 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 88 Resp: 16338
Ion Ratio Lower Upper
88 100
43 34.2 0.0 0.0
58 66.9 60.1 90.1

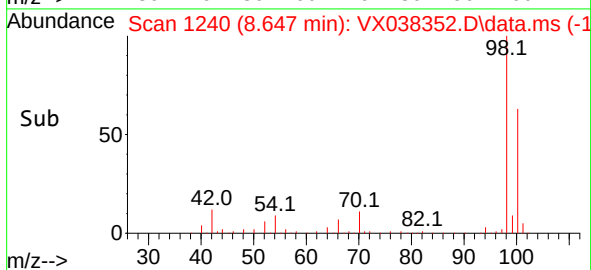
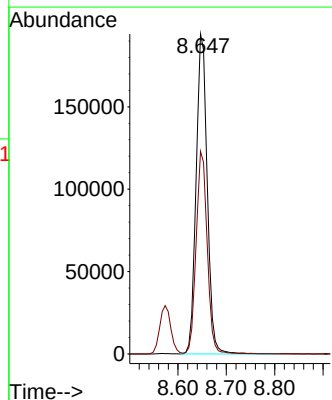
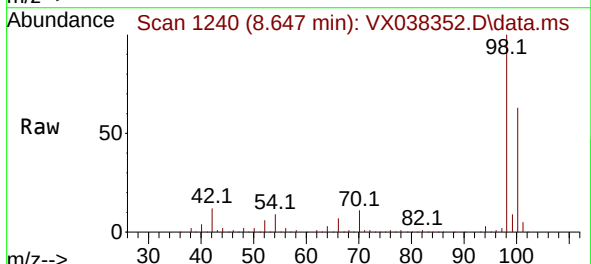
Manual Integrations
APPROVED

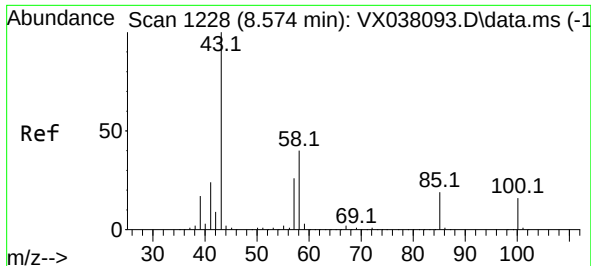
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50
Toluene-d8
Concen: 47.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 98 Resp: 309687
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7





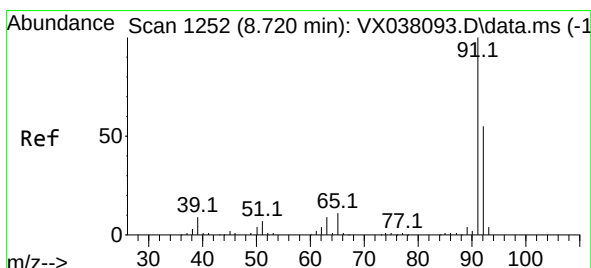
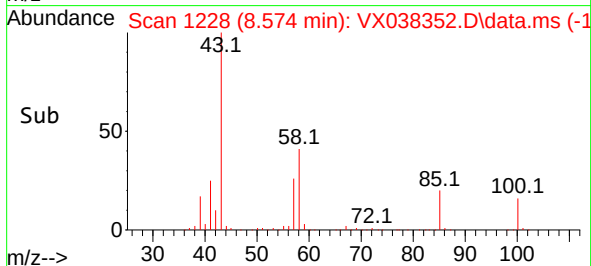
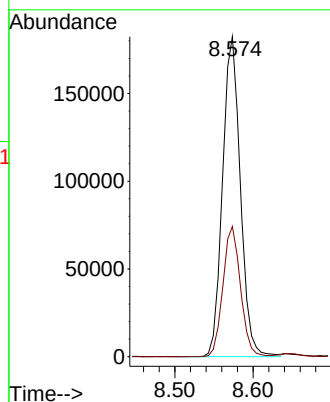
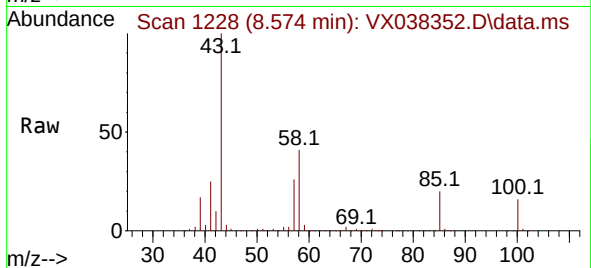
#51
4-Methyl-2-Pentanone
Concen: 100.495 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 43 Resp: 28880
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

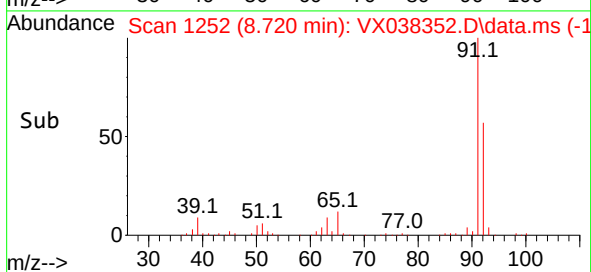
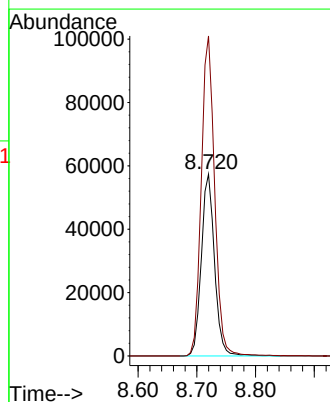
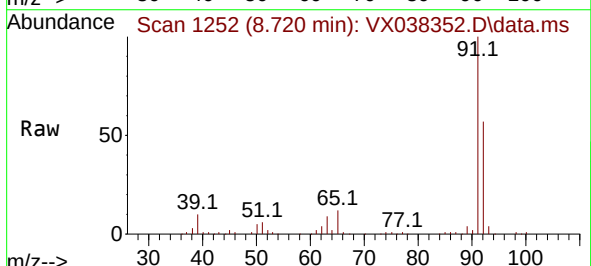
Manual Integrations
APPROVED

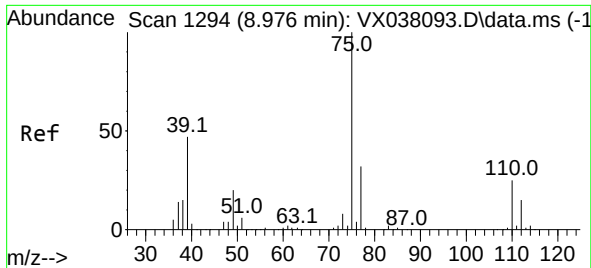
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#52
Toluene
Concen: 20.942 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 92 Resp: 89665
Ion Ratio Lower Upper
92 100
91 178.1 134.2 201.2





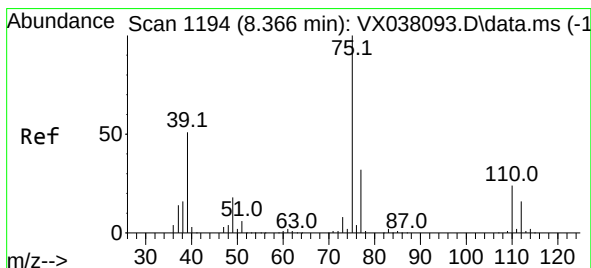
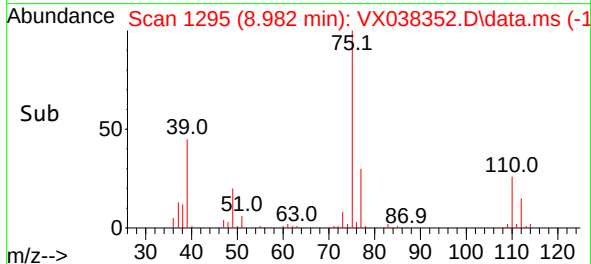
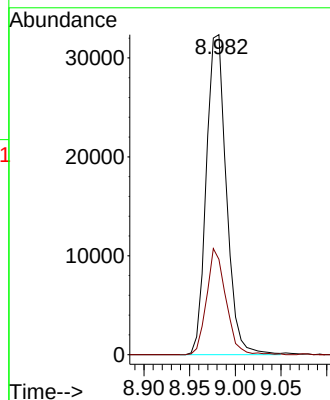
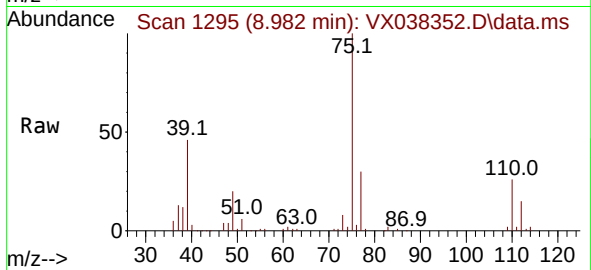
#53
t-1,3-Dichloropropene
Concen: 19.551 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 75 Resp: 49259
Ion Ratio Lower Upper
75 100
77 29.8 25.7 38.5

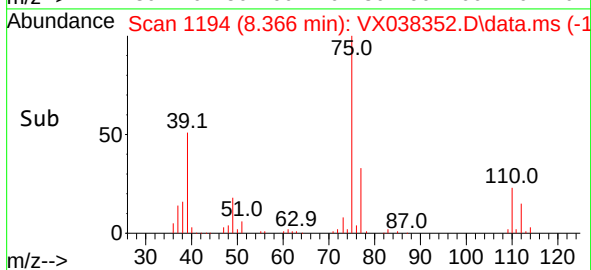
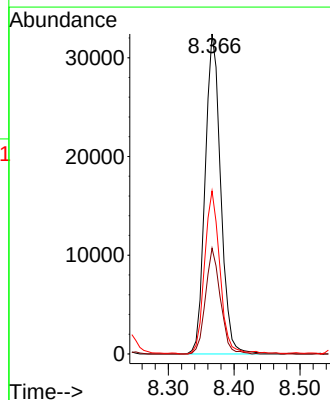
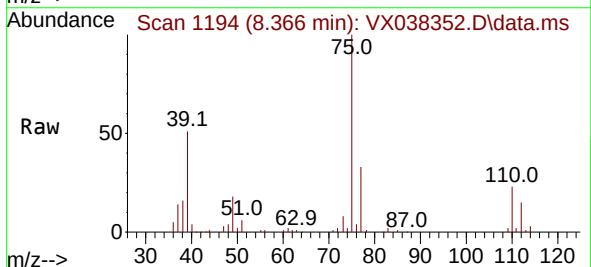
Manual Integrations
APPROVED

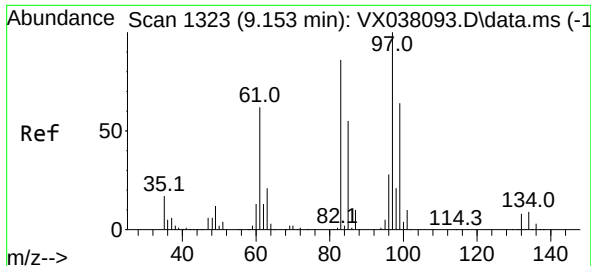
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.178 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 75 Resp: 53413
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 51.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 20.730 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 97 Resp: 3796

Ion Ratio Lower Upper

97 100

83 81.6 65.8 98.8

85 54.4 41.6 62.4

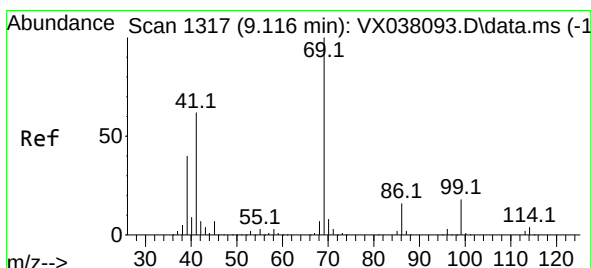
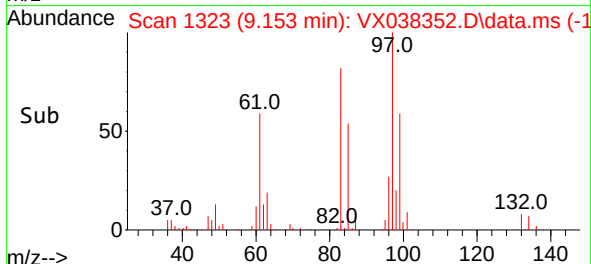
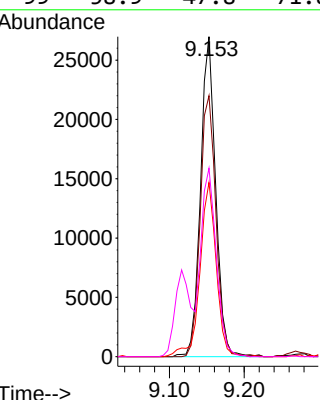
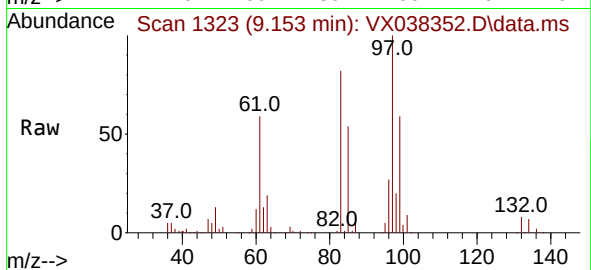
99 58.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#56

Ethyl methacrylate

Concen: 19.400 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

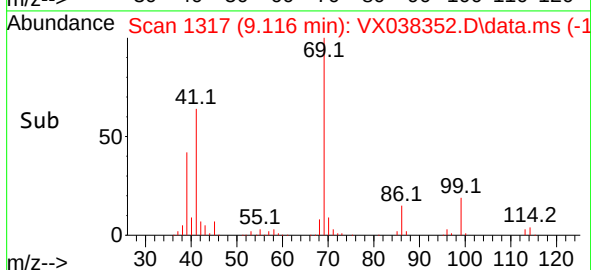
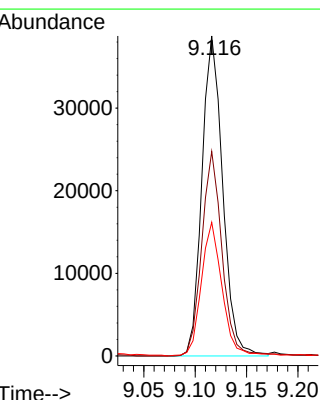
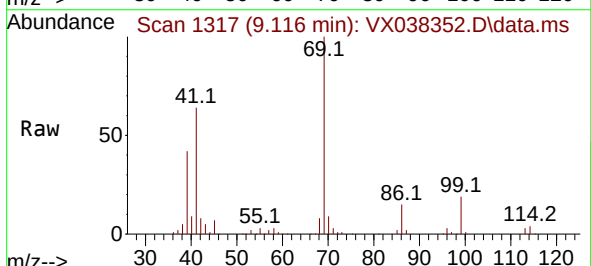
Tgt Ion: 69 Resp: 54472

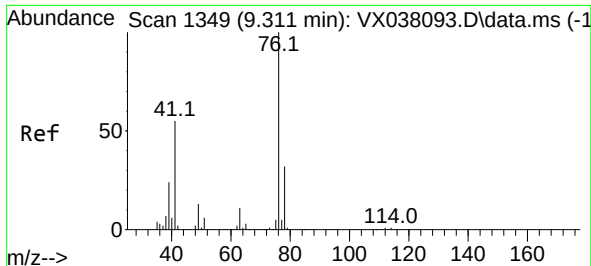
Ion Ratio Lower Upper

69 100

41 62.6 56.8 85.2

39 41.9 32.0 48.0





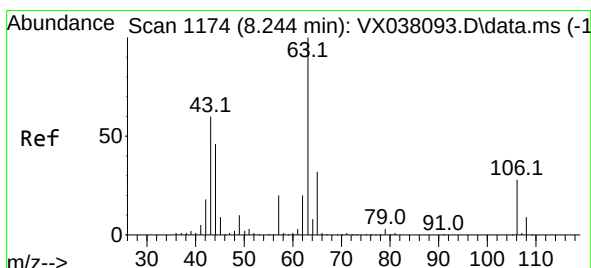
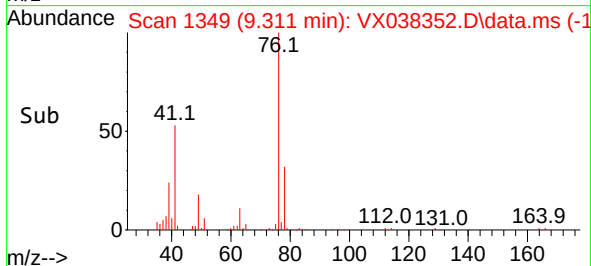
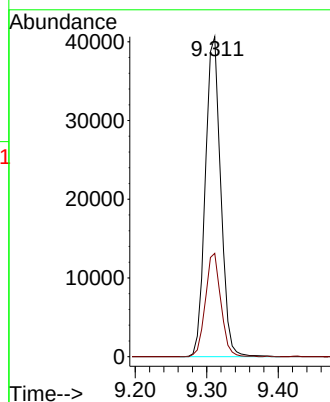
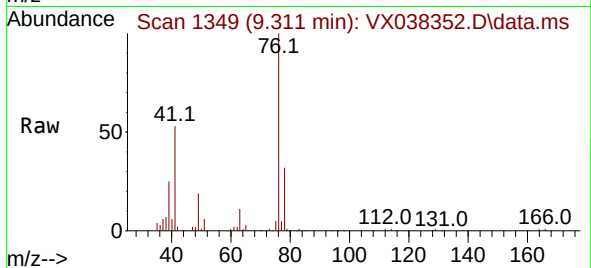
#57
1,3-Dichloropropane
Concen: 20.481 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 76 Resp: 60664
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

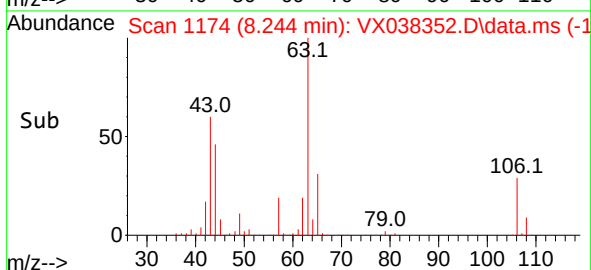
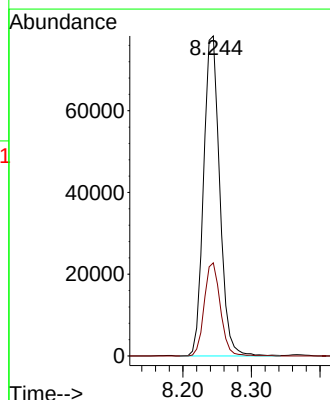
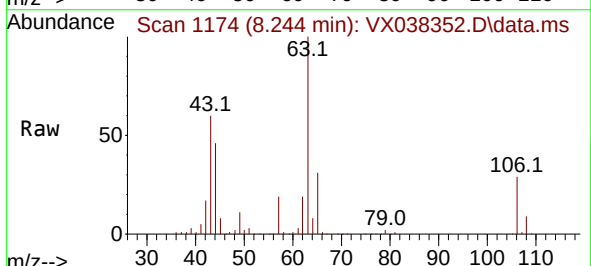
Manual Integrations
APPROVED

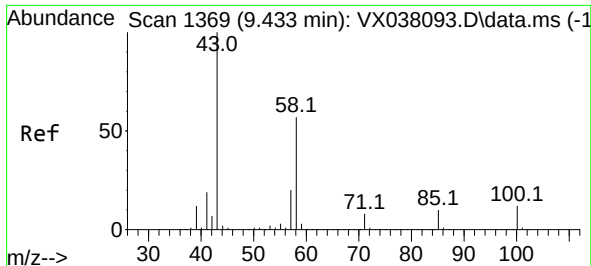
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 93.410 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 63 Resp: 128745
Ion Ratio Lower Upper
63 100
106 29.0 22.5 33.7





#59

2-Hexanone

Concen: 101.356 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion: 43 Resp: 234168

Ion Ratio Lower Upper

43 100

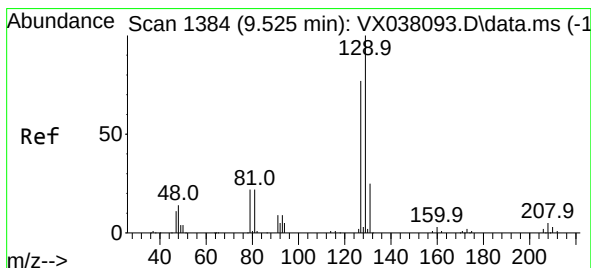
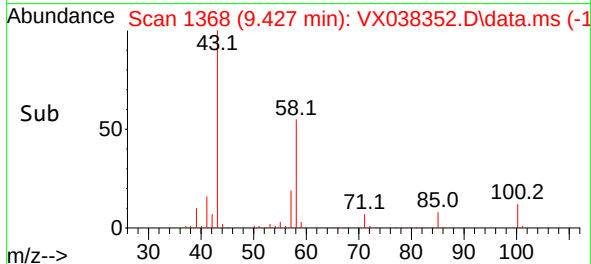
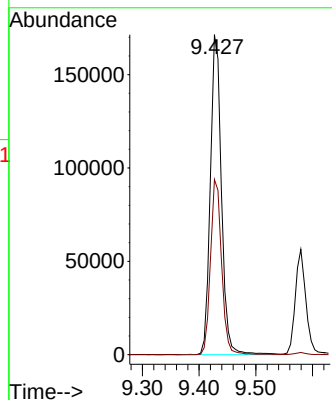
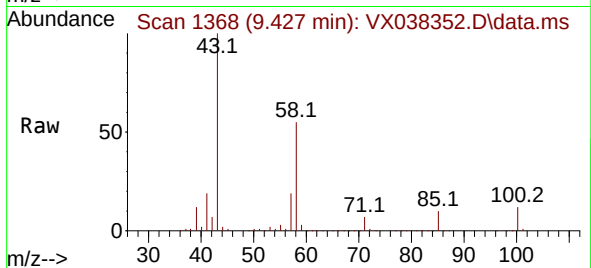
58 54.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#60

Dibromochloromethane

Concen: 21.024 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX038352.D

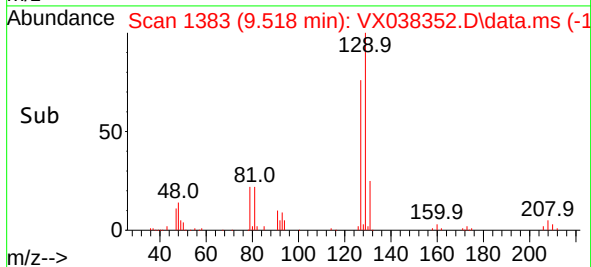
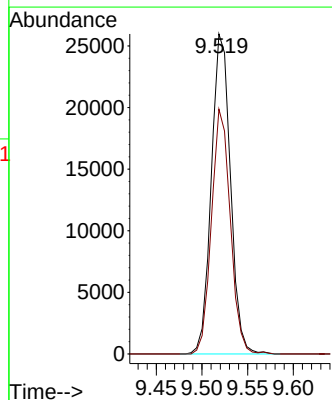
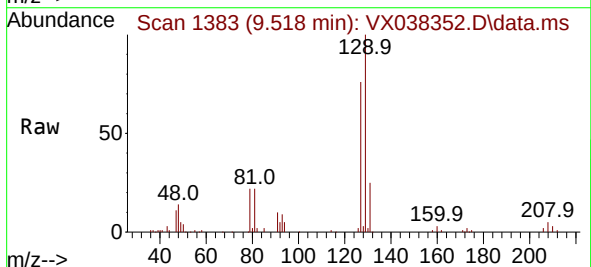
Acq: 18 Oct 2023 11:09

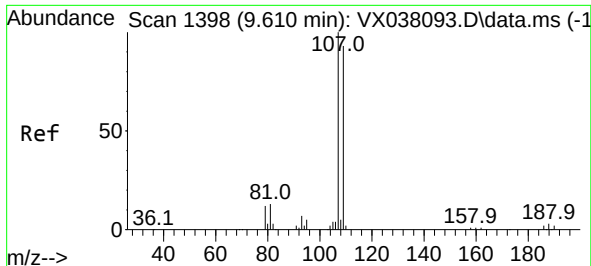
Tgt Ion:129 Resp: 37683

Ion Ratio Lower Upper

129 100

127 75.4 38.8 116.4





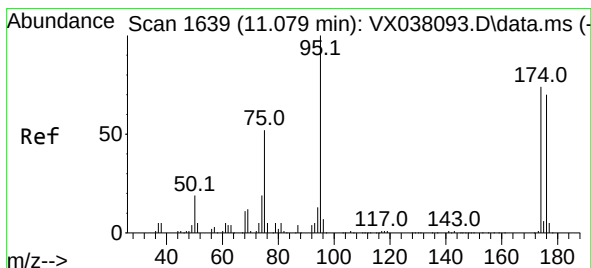
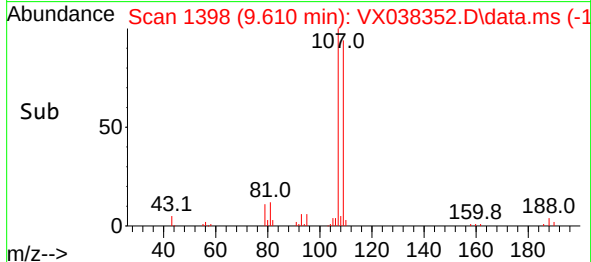
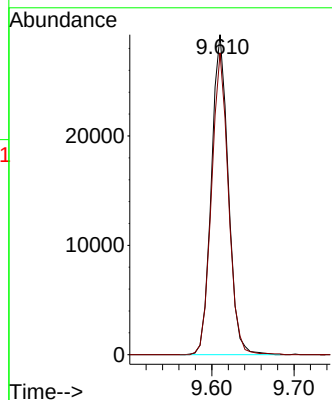
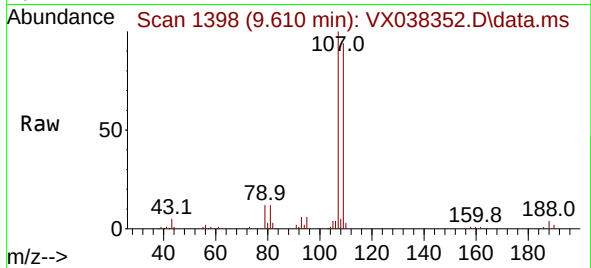
#61
1,2-Dibromoethane
Concen: 21.120 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:107 Resp: 4182
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

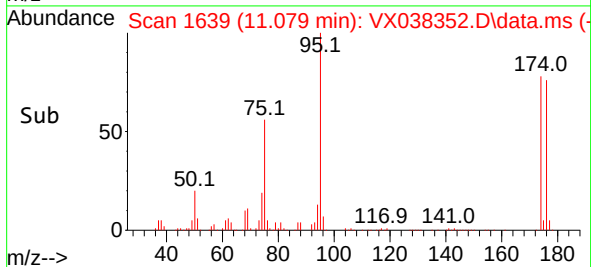
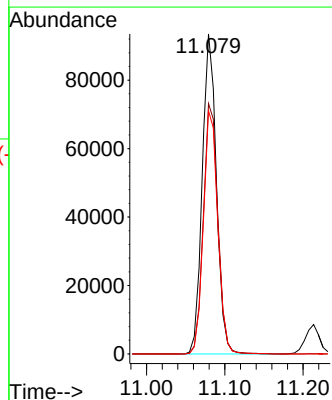
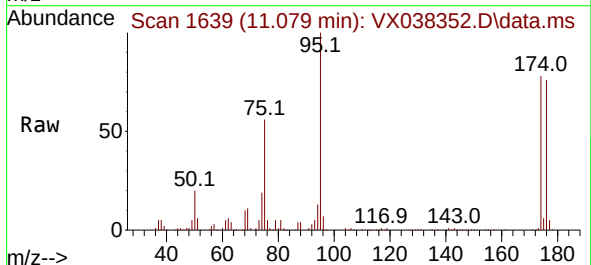
Manual Integrations
APPROVED

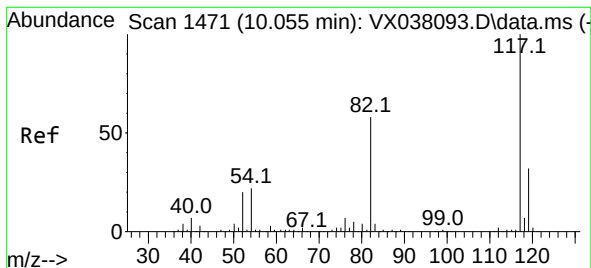
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#62
4-Bromofluorobenzene
Concen: 47.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 95 Resp: 117106
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 77.3 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: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion:117 Resp: 23181

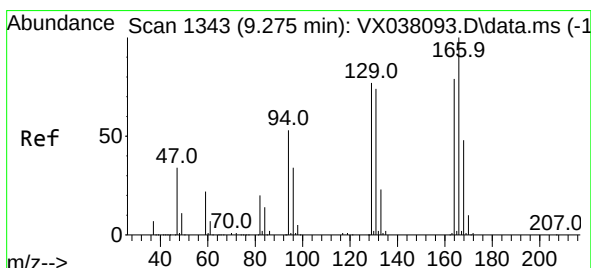
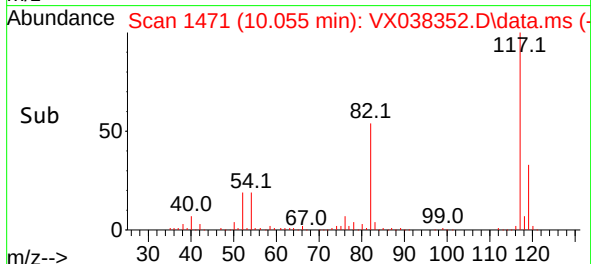
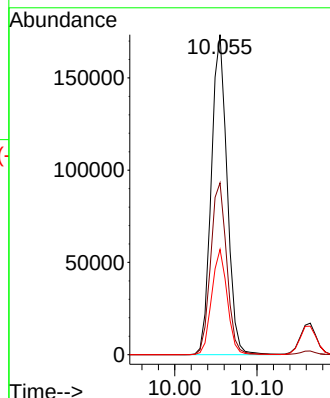
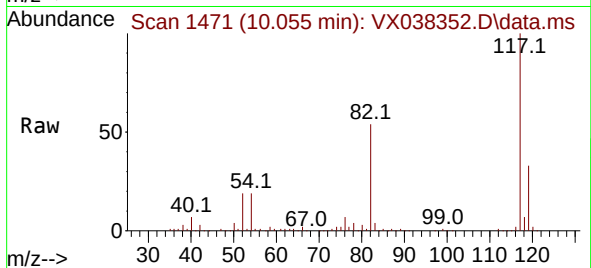
Ion	Ratio	Lower	Upper
117	100		
82	53.7	46.2	69.4
119	32.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#64

Tetrachloroethene

Concen: 21.064 ug/l

RT: 9.275 min Scan# 1343

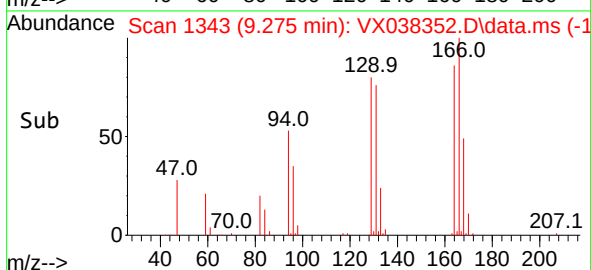
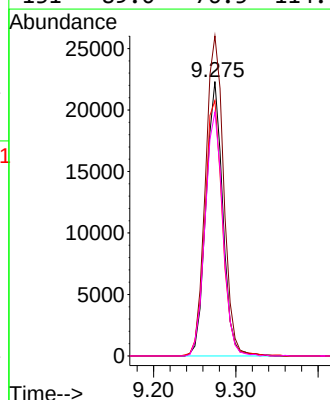
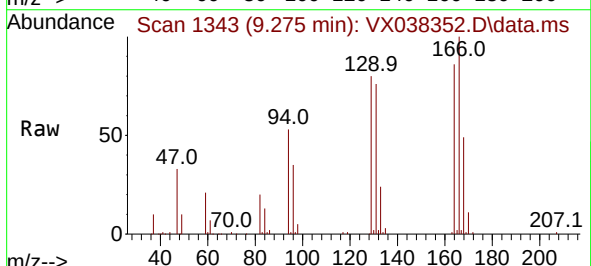
Delta R.T. -0.000 min

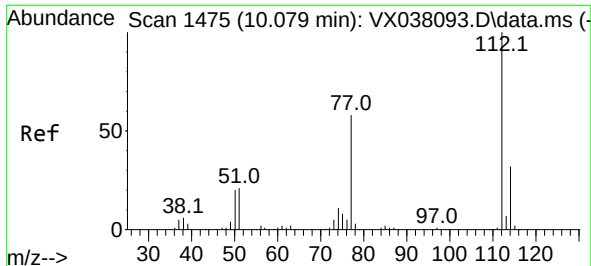
Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion:164 Resp: 31610

Ion	Ratio	Lower	Upper
164	100		
166	116.6	102.7	154.1
129	93.1	80.4	120.6
131	89.0	76.5	114.7





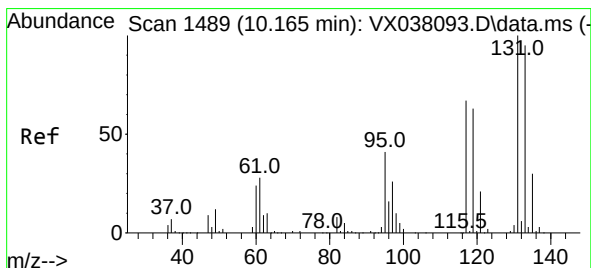
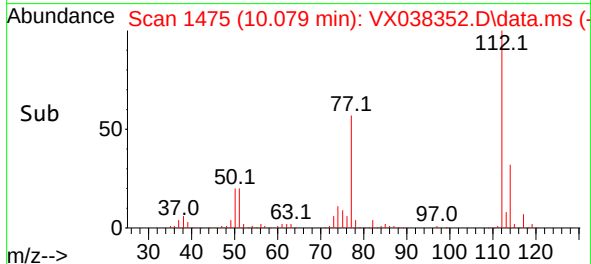
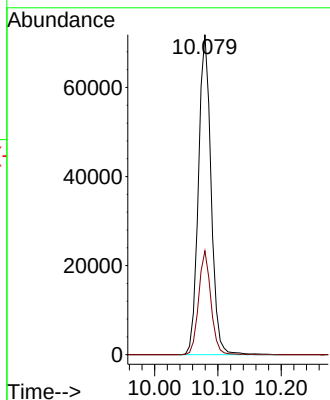
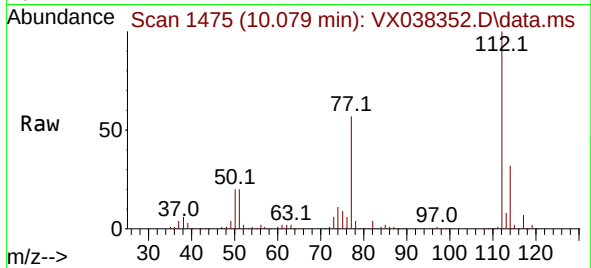
#65
Chlorobenzene
Concen: 20.621 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:112 Resp: 100028
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

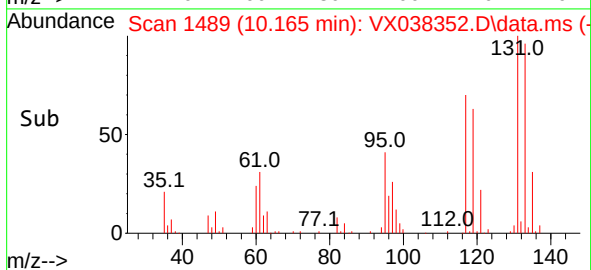
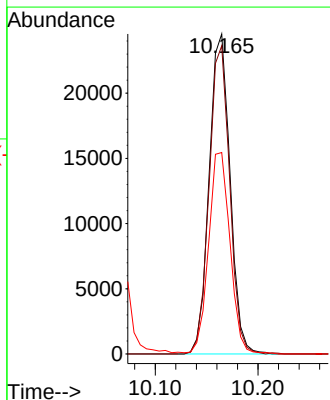
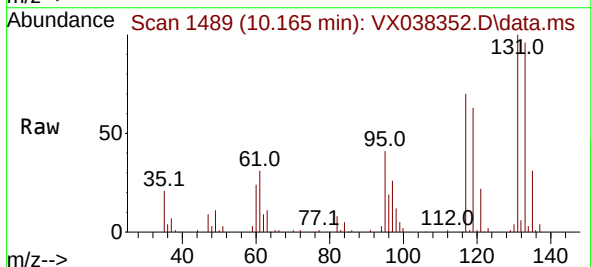
Manual Integrations
APPROVED

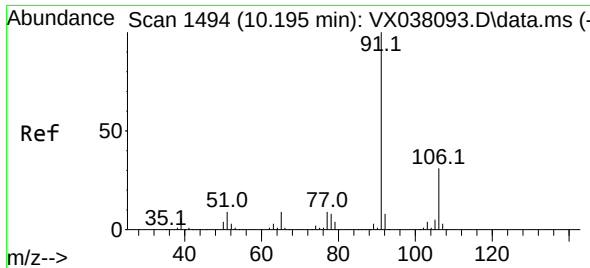
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.098 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:131 Resp: 34607
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.7 32.2 96.6





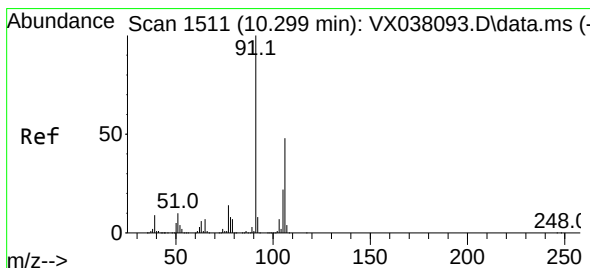
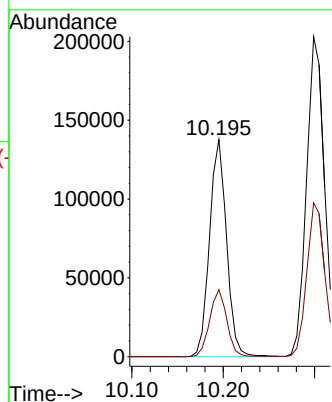
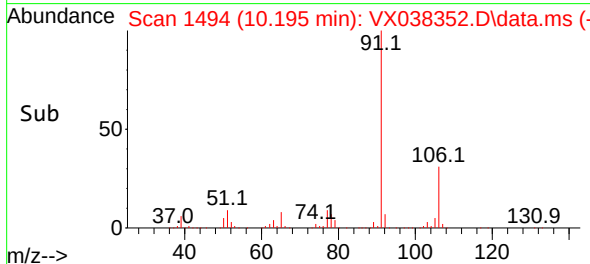
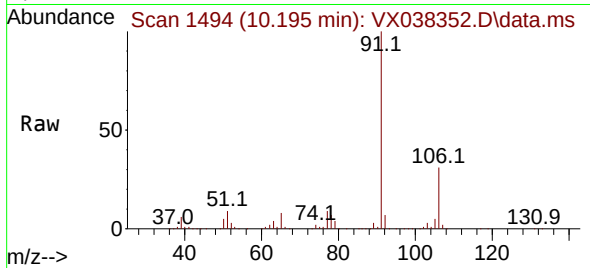
#67
Ethyl Benzene
Concen: 20.550 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 91 Resp: 177930
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

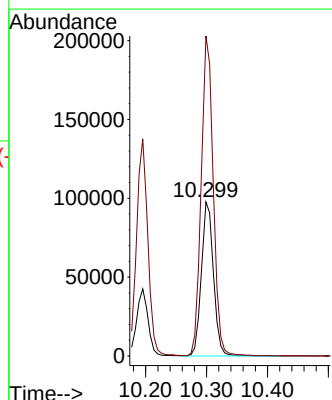
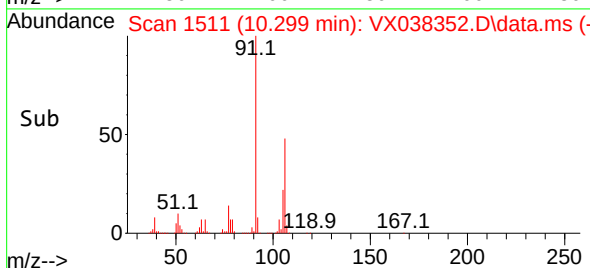
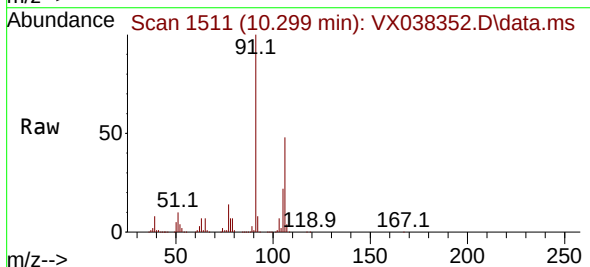
Manual Integrations
APPROVED

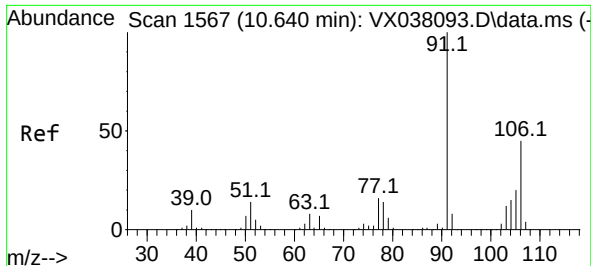
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
m/p-Xylenes
Concen: 40.268 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:106 Resp: 134817
Ion Ratio Lower Upper
106 100
91 207.4 165.5 248.3





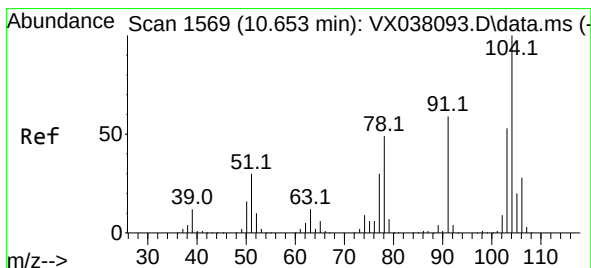
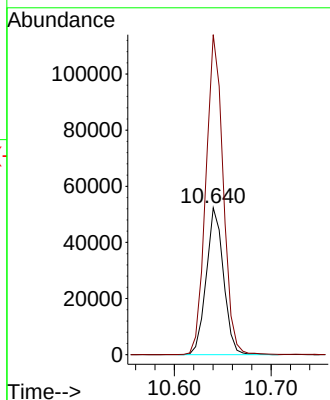
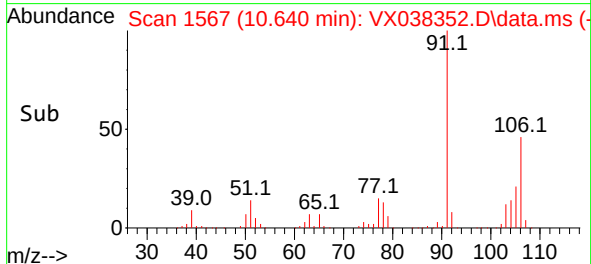
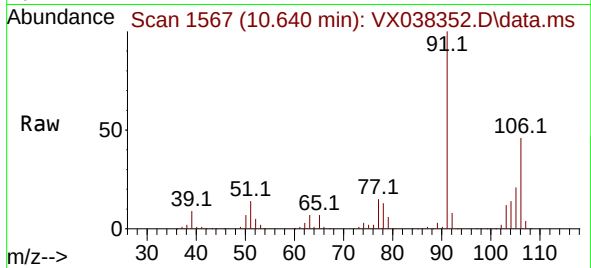
#69
o-Xylene
Concen: 19.919 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:106 Resp: 6508
Ion Ratio Lower Upper
106 100
91 218.7 108.9 326.8

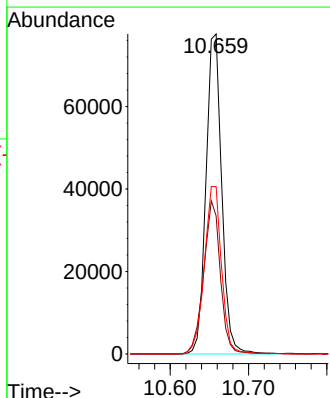
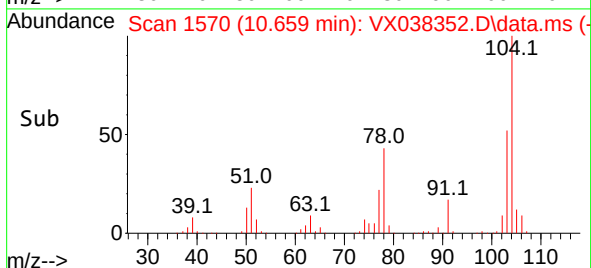
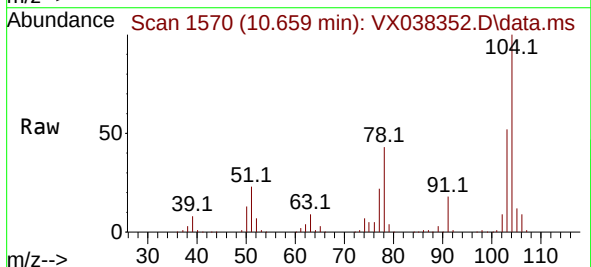
Manual Integrations
APPROVED

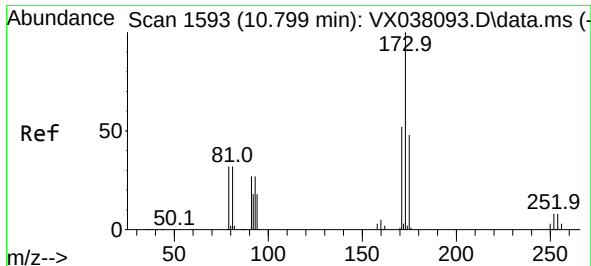
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Styrene
Concen: 20.312 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

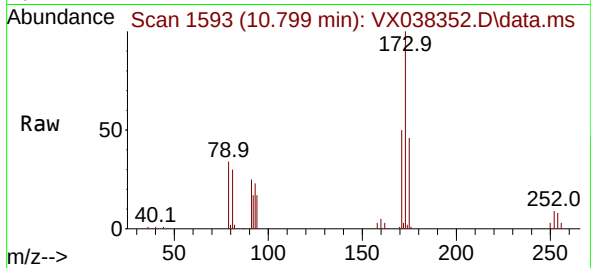
Tgt Ion:104 Resp: 108090
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 57.5 43.6 65.4





#71
Bromoform
Concen: 18.997 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

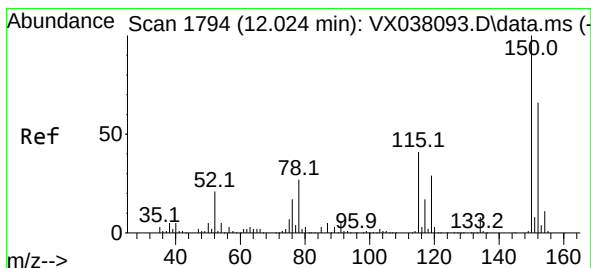
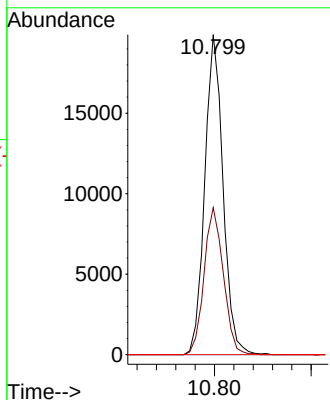
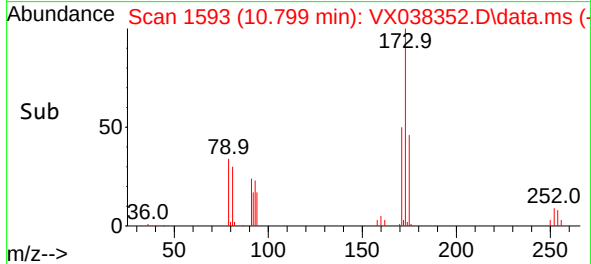
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion:173 Resp: 2604
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

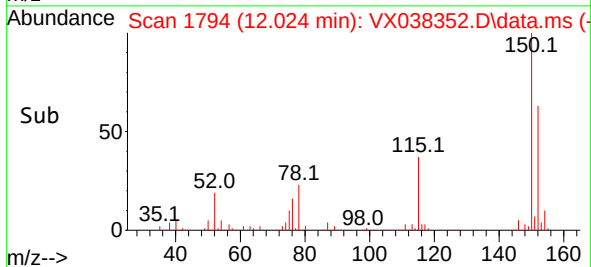
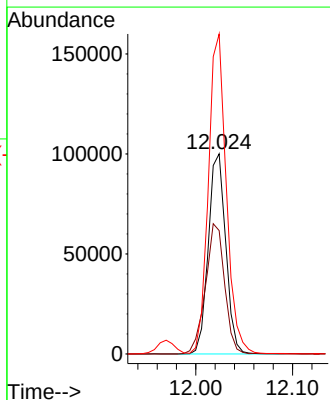
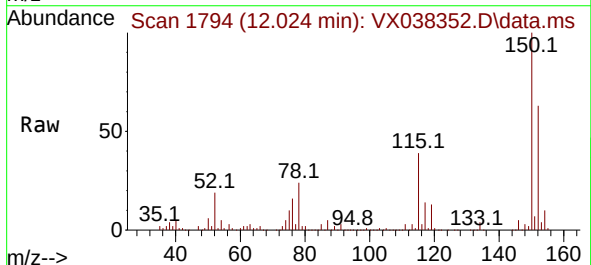
Manual Integrations
APPROVED

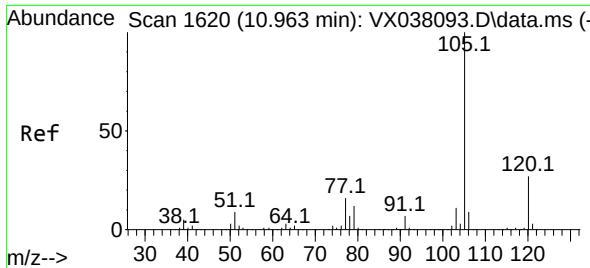
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:152 Resp: 125911
Ion Ratio Lower Upper
152 100
115 71.2 43.3 129.9
150 164.3 0.0 345.0





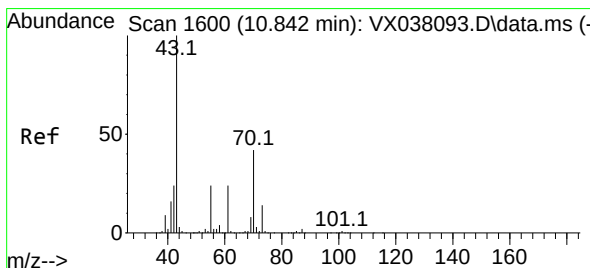
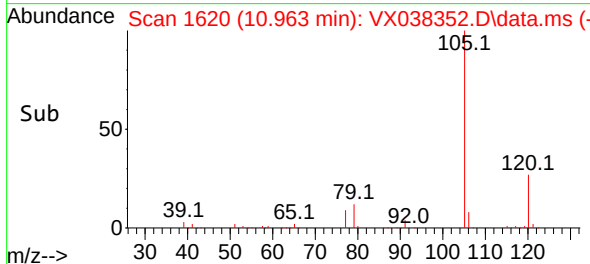
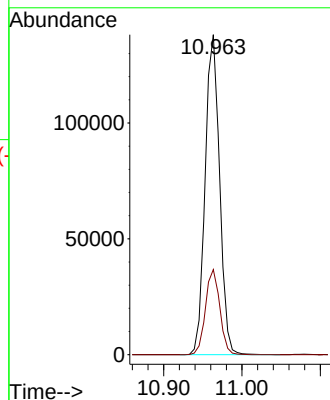
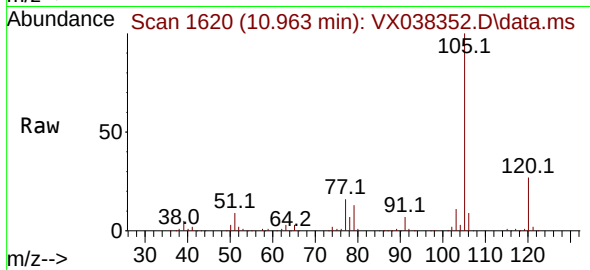
#73
Isopropylbenzene
Concen: 20.882 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:105 Resp: 17632
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

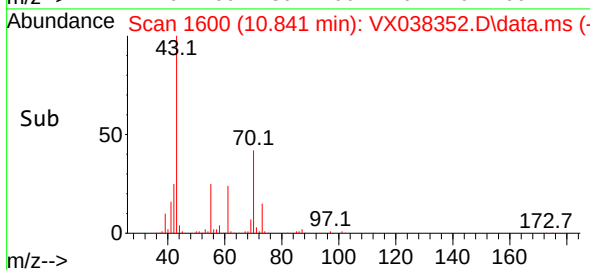
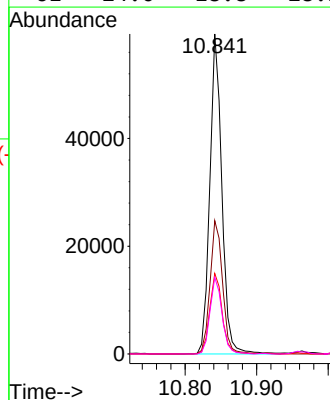
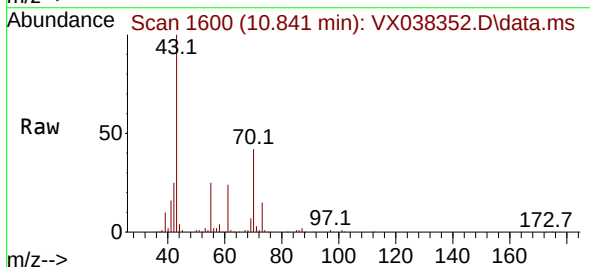
Manual Integrations
APPROVED

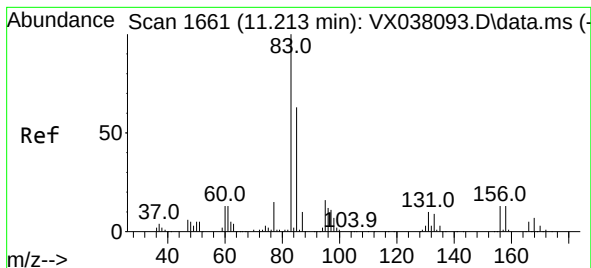
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74
N-ethyl acetate
Concen: 19.287 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 43 Resp: 69548
Ion Ratio Lower Upper
43 100
70 43.3 32.9 49.3
55 26.2 19.3 28.9
61 24.0 18.8 28.2





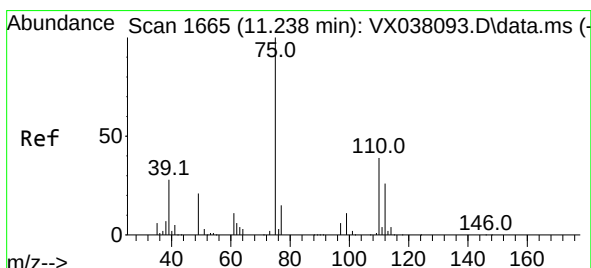
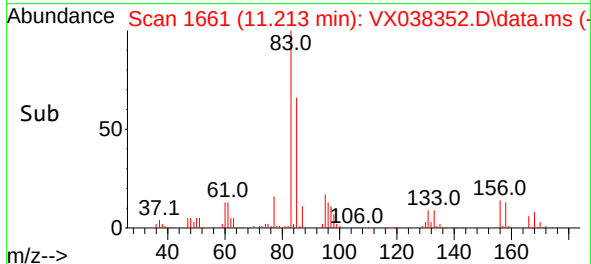
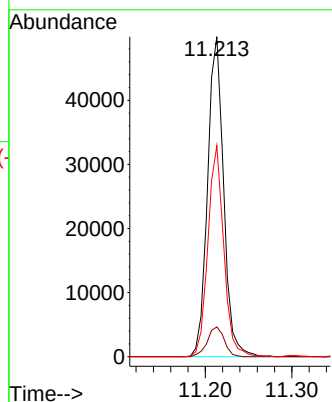
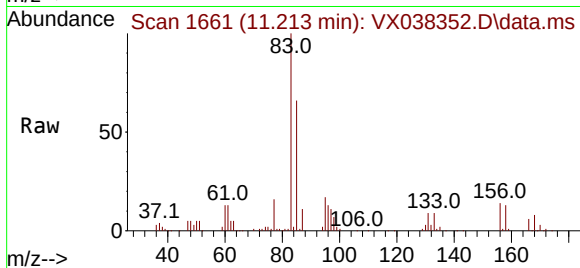
#75
1,1,2,2-Tetrachloroethane
Concen: 20.742 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 83 Resp: 6426
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.1 32.0 96.2

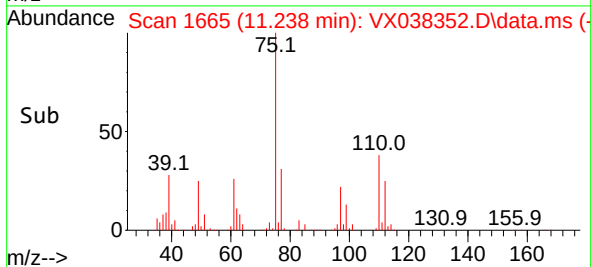
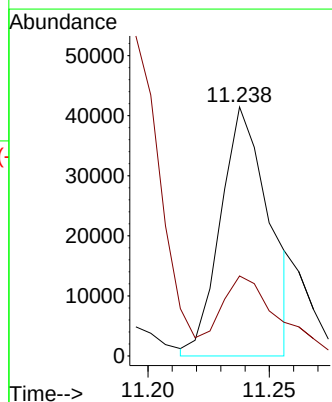
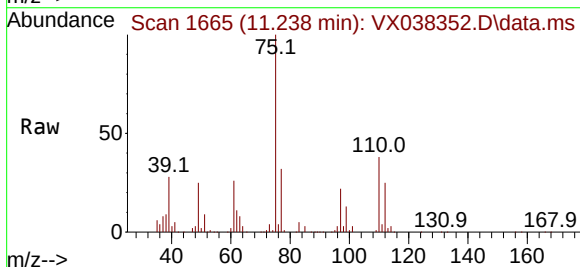
Manual Integrations
APPROVED

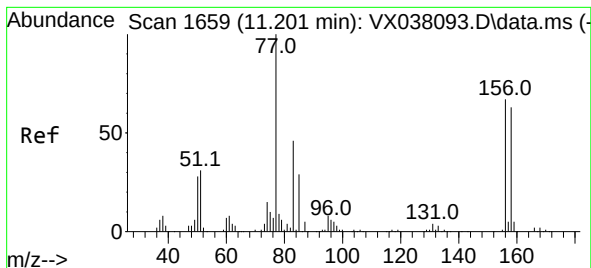
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 20.126 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion: 75 Resp: 57610
Ion Ratio Lower Upper
75 100
77 38.8 19.1 57.5





#77

Bromobenzene

Concen: 20.442 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

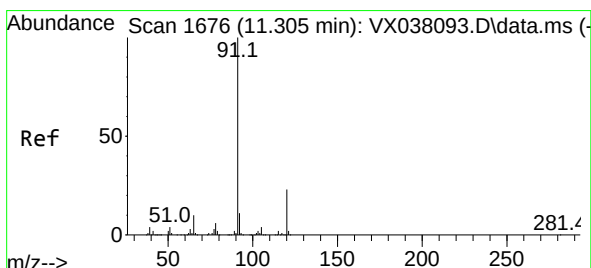
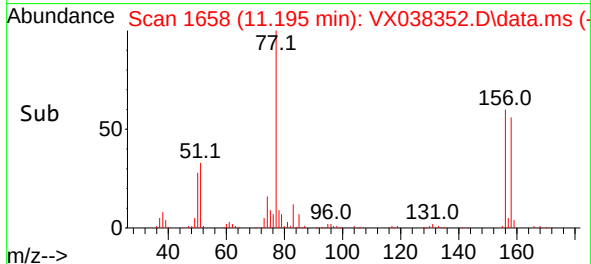
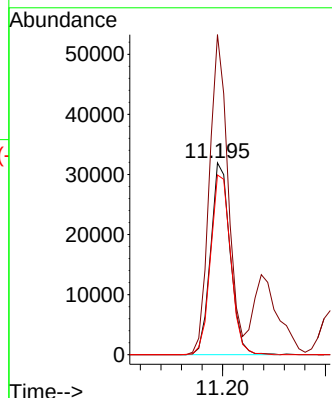
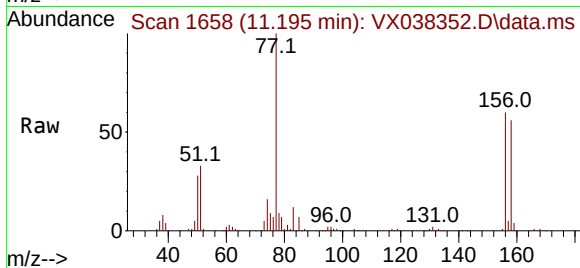
Tgt Ion:	156	Resp:	4214
Ion Ratio	Lower	Upper	
156	100		
77	158.8	88.4	265.3
158	96.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#78

n-propylbenzene

Concen: 20.371 ug/l

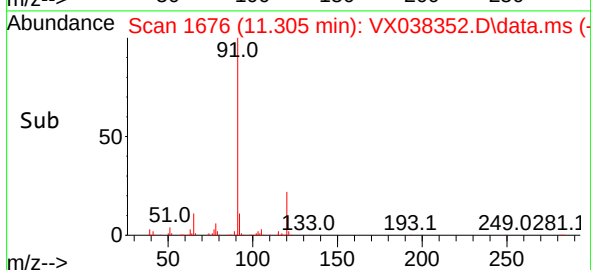
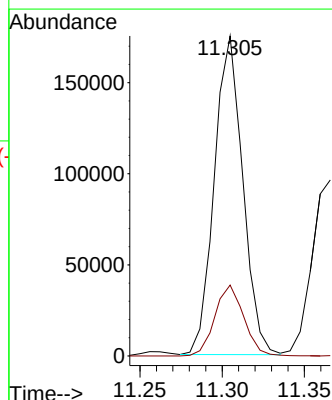
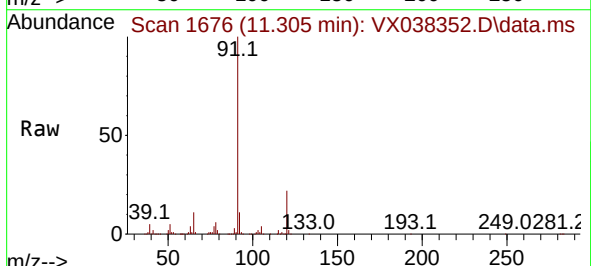
RT: 11.305 min Scan# 1676

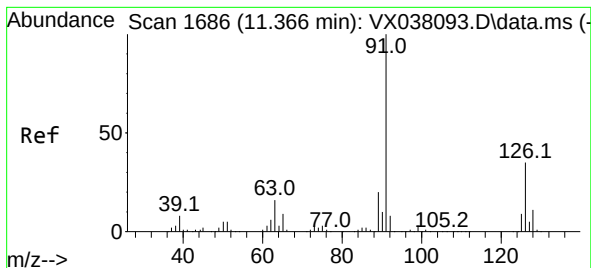
Delta R.T. -0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion:	91	Resp:	210325
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





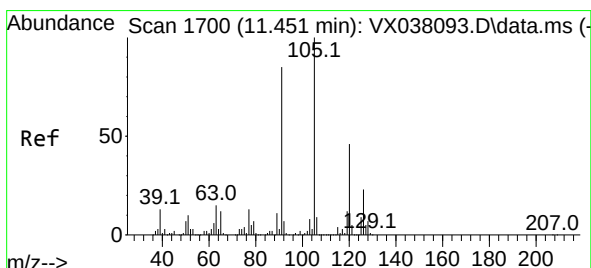
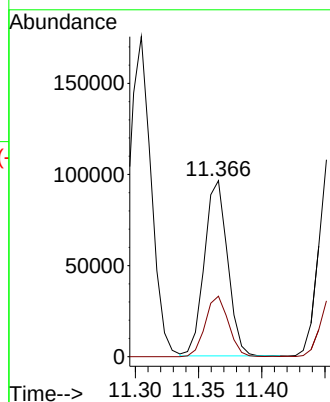
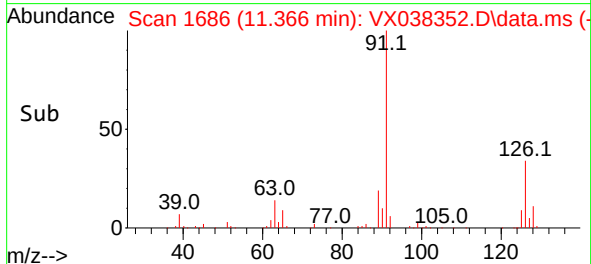
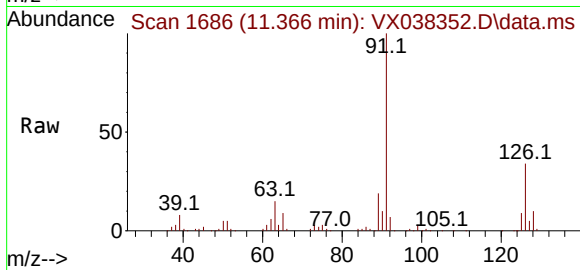
#79
2-Chlorotoluene
Concen: 20.066 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion: 91 Resp: 12286
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

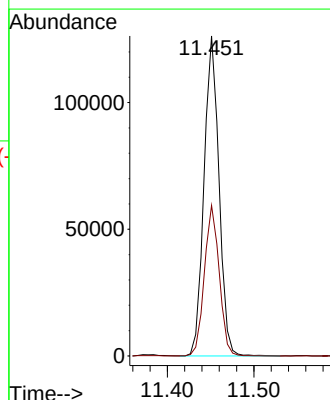
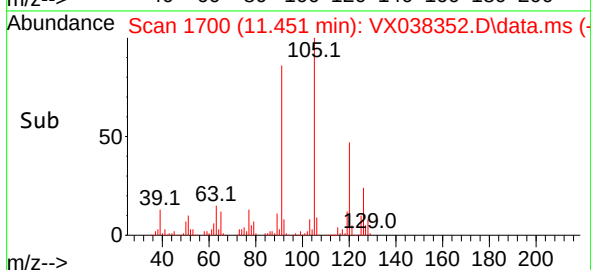
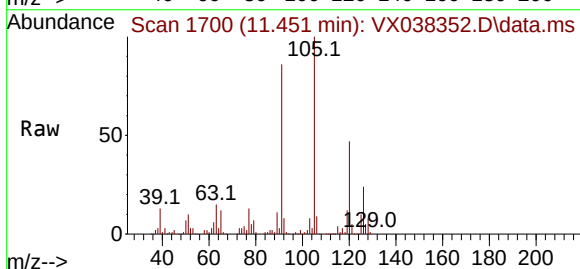
Manual Integrations
APPROVED

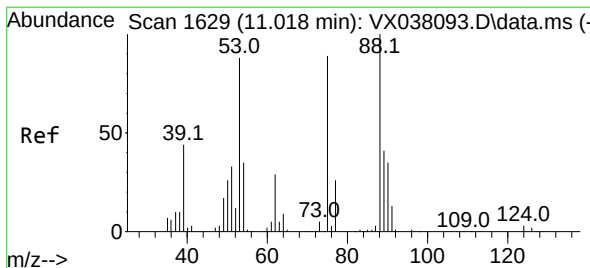
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.775 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

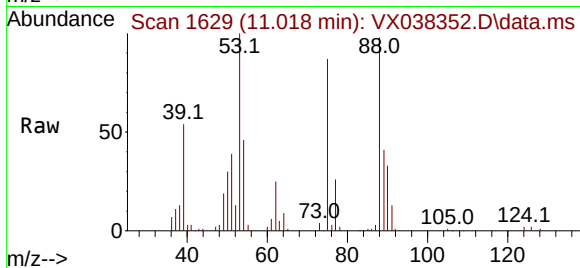
Tgt Ion:105 Resp: 151342
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.200 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

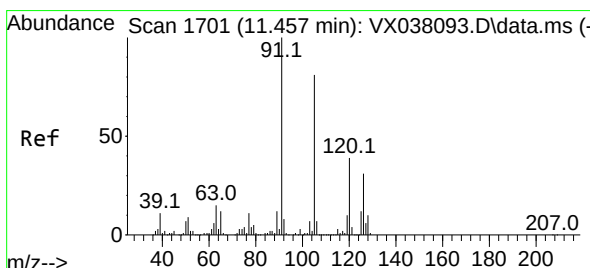
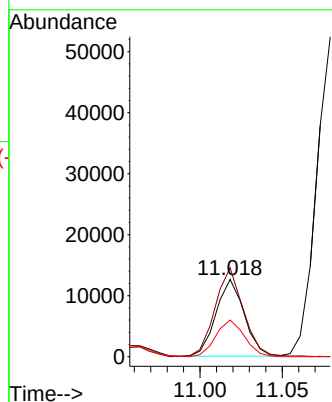
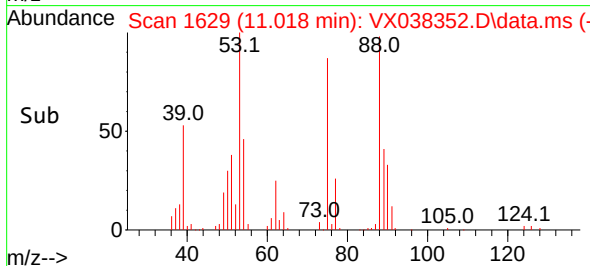
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion: 75 Resp: 1510
Ion Ratio Lower Upper
75 100
53 115.9 90.5 135.7
89 48.0 36.9 55.3

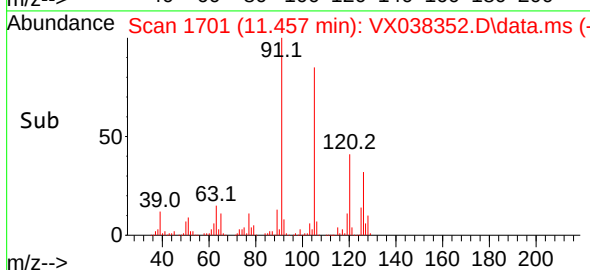
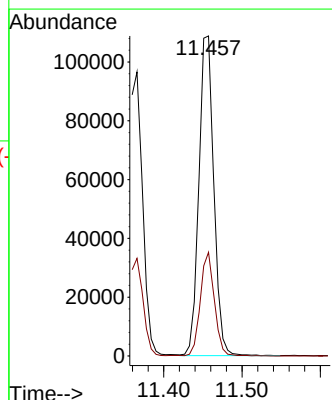
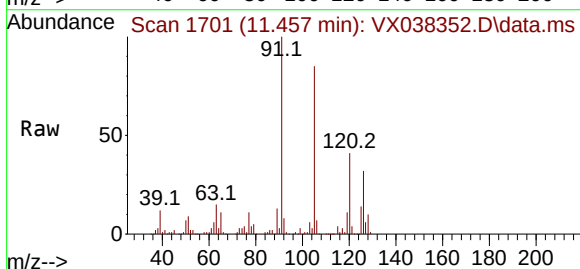
Manual Integrations
APPROVED

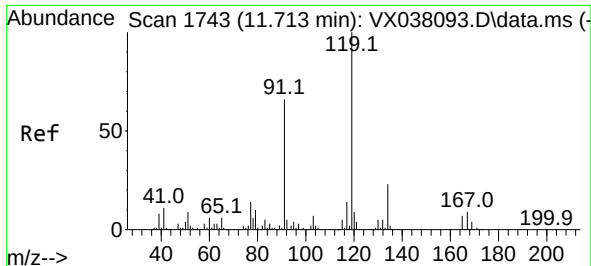
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#82
4-Chlorotoluene
Concen: 19.955 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

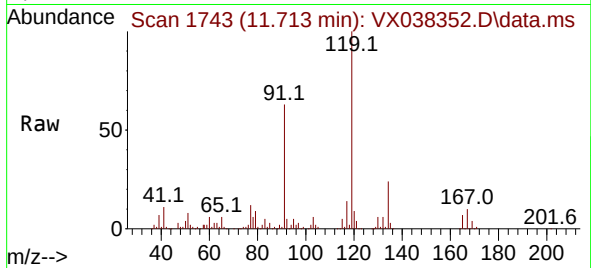
Tgt Ion: 91 Resp: 144585
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.604 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

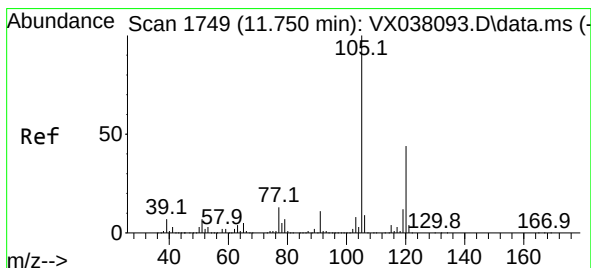
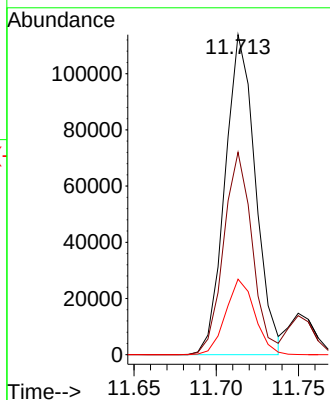
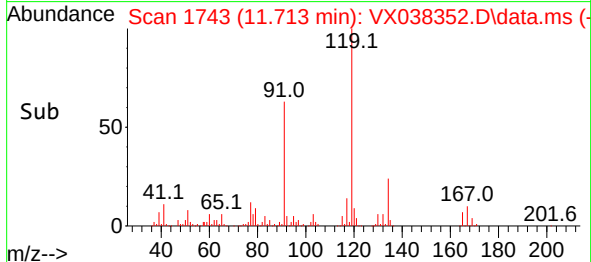
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion:119 Resp: 14666
Ion Ratio Lower Upper
119 100
91 59.9 31.2 93.6
134 22.7 11.7 35.0

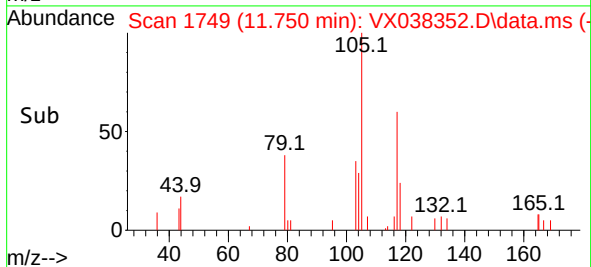
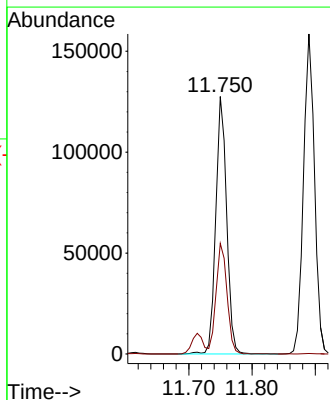
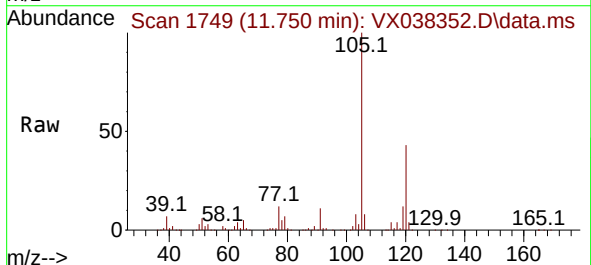
Manual Integrations
APPROVED

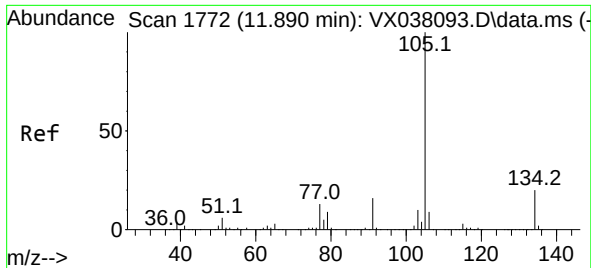
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.896 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

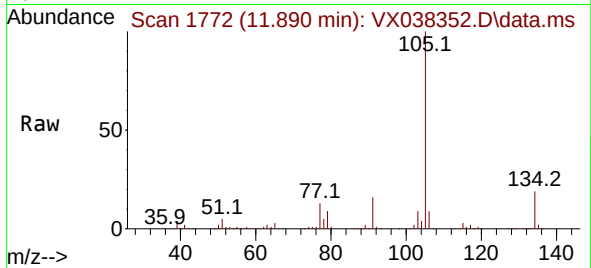
Tgt Ion:105 Resp: 151780
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.689 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038352.D
 Acq: 18 Oct 2023 11:09

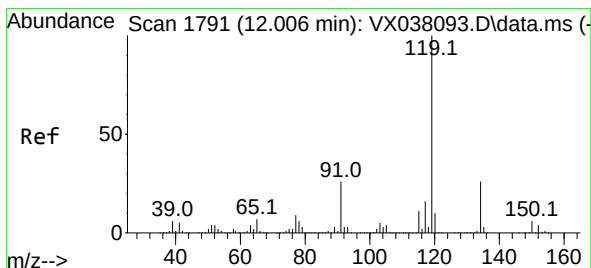
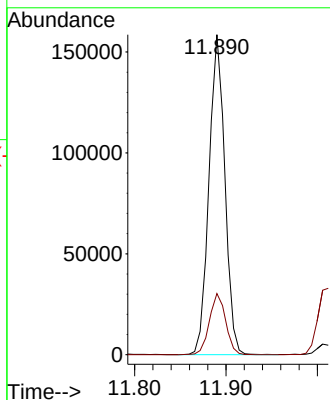
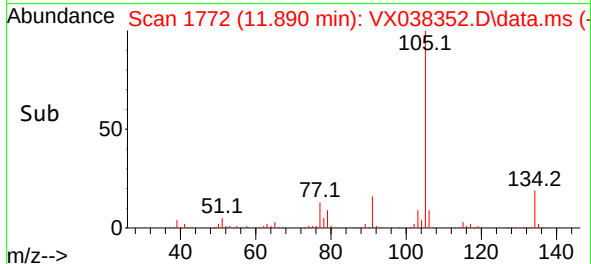
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018MBS01



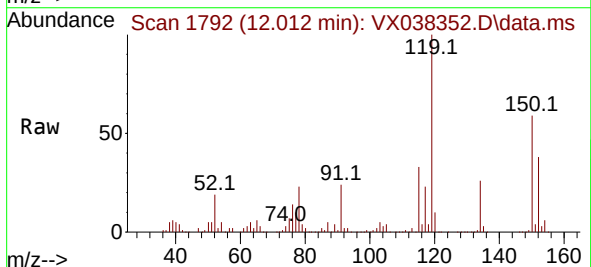
Tgt Ion:105 Resp: 190774
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

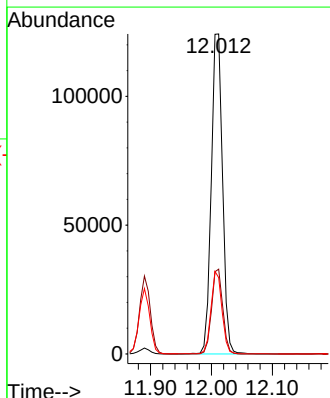
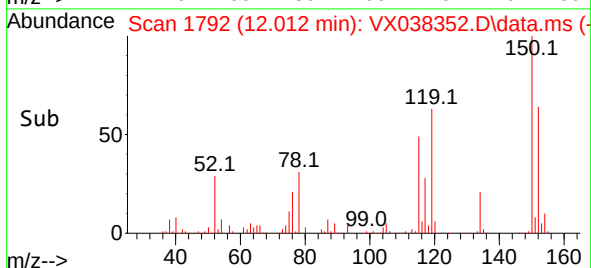
Reviewed By :John Carlone 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

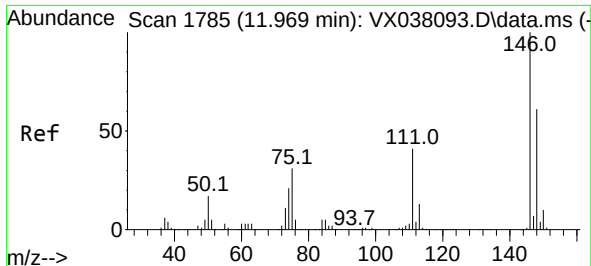


#86
 p-Isopropyltoluene
 Concen: 20.971 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038352.D
 Acq: 18 Oct 2023 11:09



Tgt Ion:119 Resp: 159542
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.204 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX1018MBS01

Tgt Ion:146 Resp: 8365

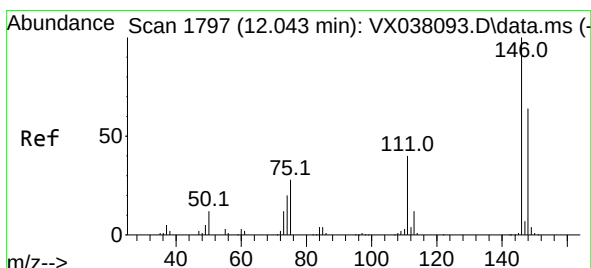
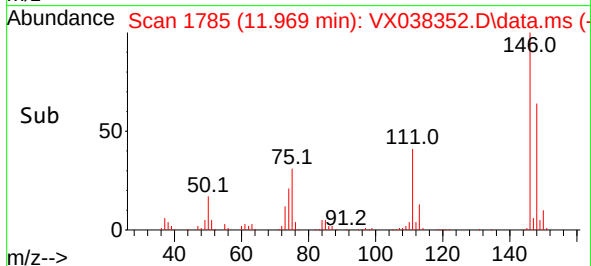
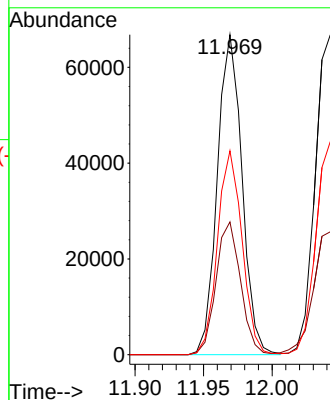
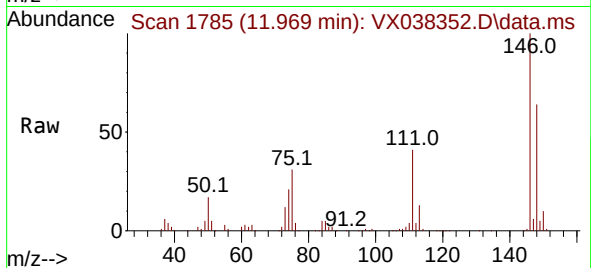
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/19/2023

Supervised By :Mahesh Dadoda 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 20.371 ug/l

RT: 12.042 min Scan# 1797

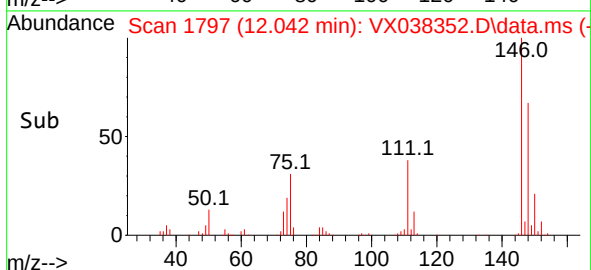
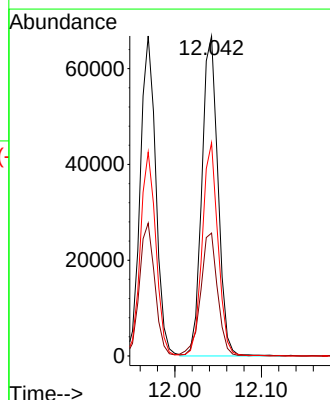
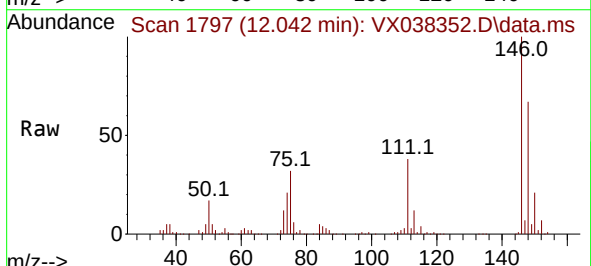
Delta R.T. -0.001 min

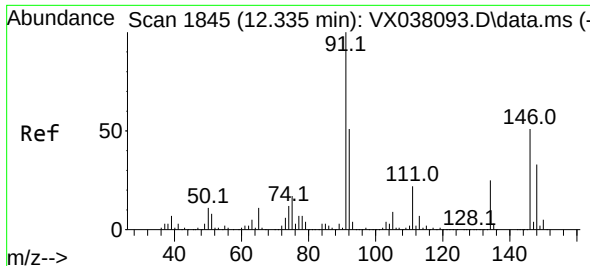
Lab File: VX038352.D

Acq: 18 Oct 2023 11:09

Tgt Ion:146 Resp: 86115

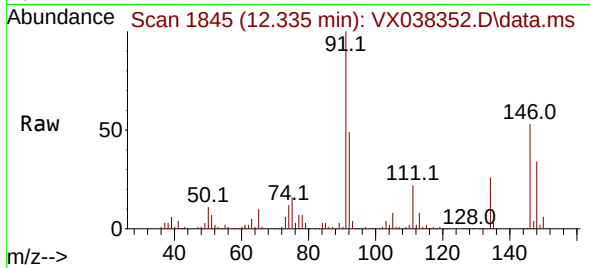
Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.3	63.7
148	65.4	31.8	95.4





#89
n-Butylbenzene
Concen: 19.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

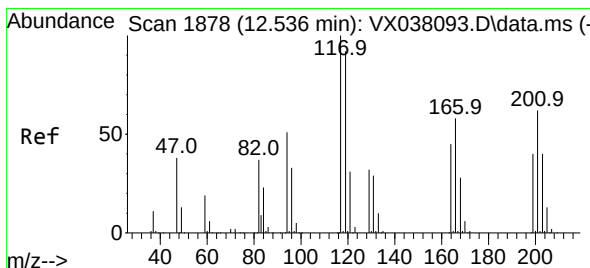
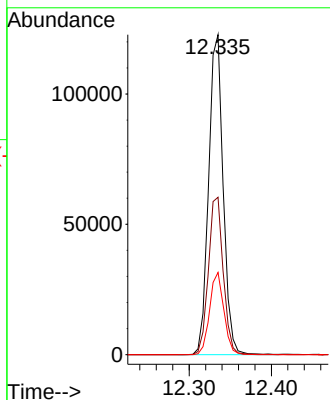
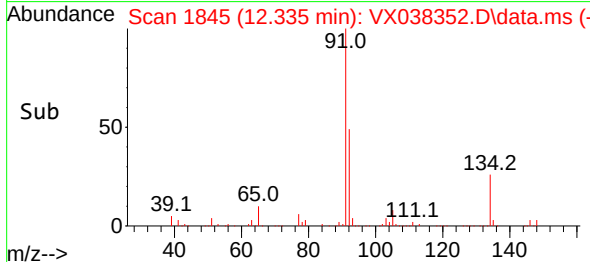
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



Tgt Ion: 91 Resp: 15080
Ion Ratio Lower Upper
91 100
92 50.3 27.4 82.0
134 25.2 12.6 37.8

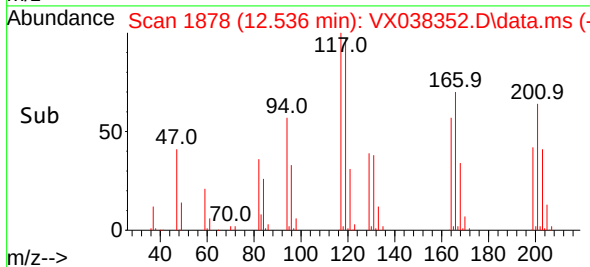
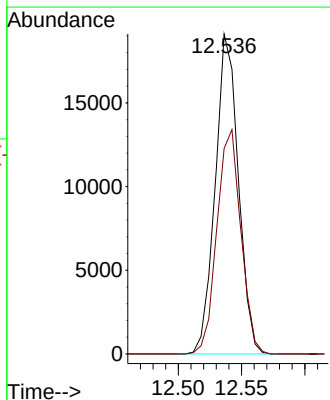
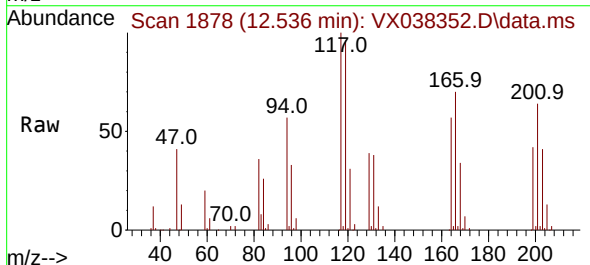
Manual Integrations
APPROVED

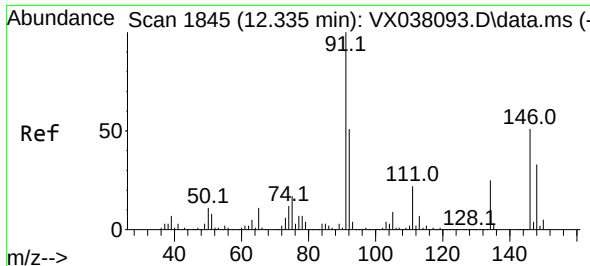
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#90
Hexachloroethane
Concen: 19.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Tgt Ion:117 Resp: 24244
Ion Ratio Lower Upper
117 100
201 72.8 32.9 98.6





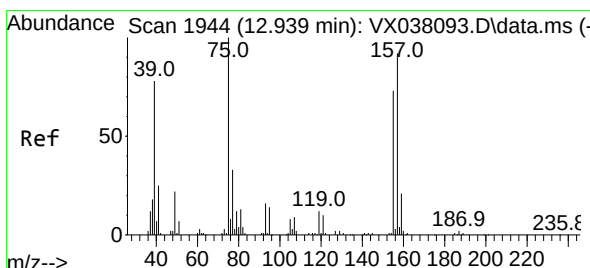
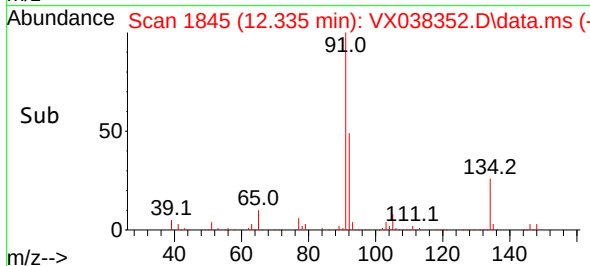
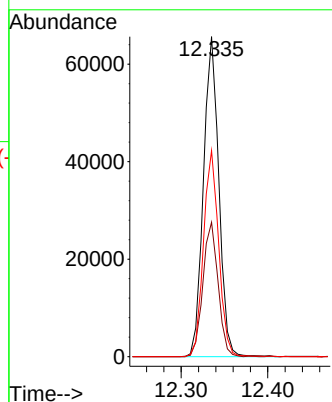
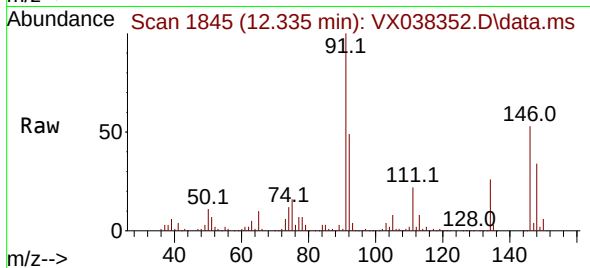
#91
1,2-Dichlorobenzene
Concen: 20.355 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01

Tgt Ion:146 Resp: 8101
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 63.7 31.6 95.0

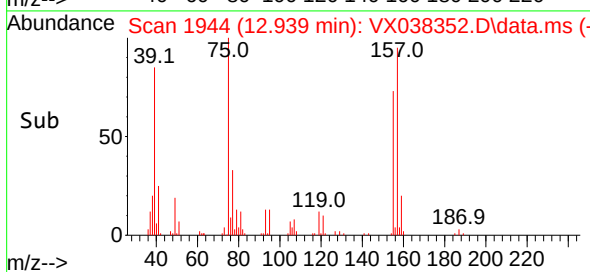
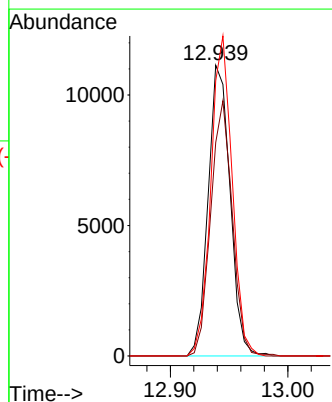
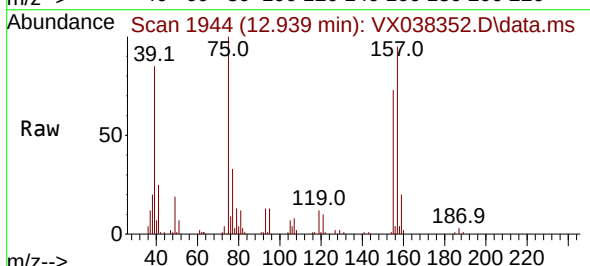
Manual Integrations
APPROVED

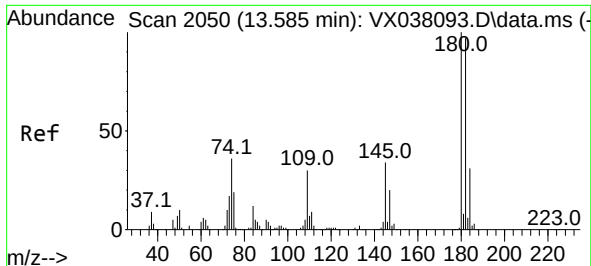
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.338 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

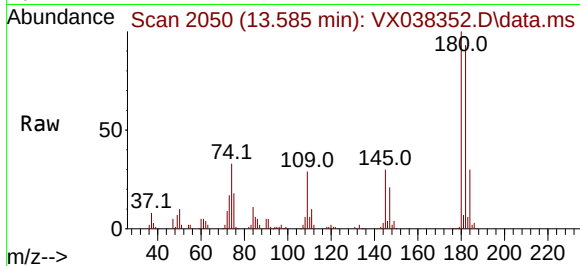
Tgt Ion: 75 Resp: 14487
Ion Ratio Lower Upper
75 100
155 86.0 36.1 108.5
157 106.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.514 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

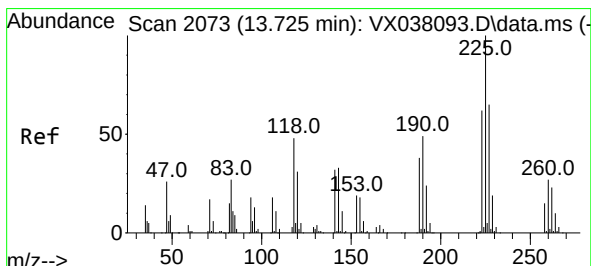
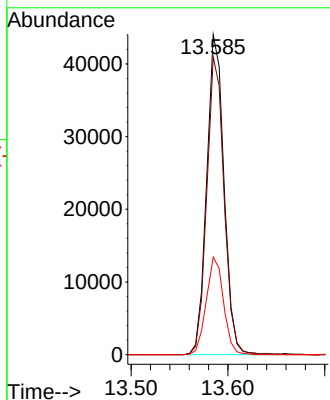
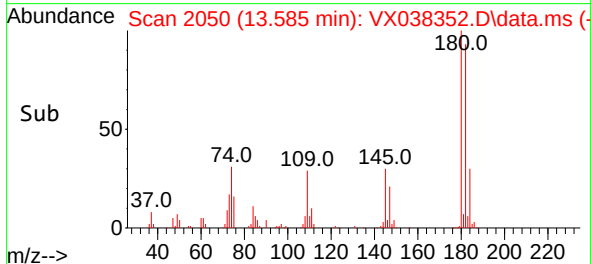
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



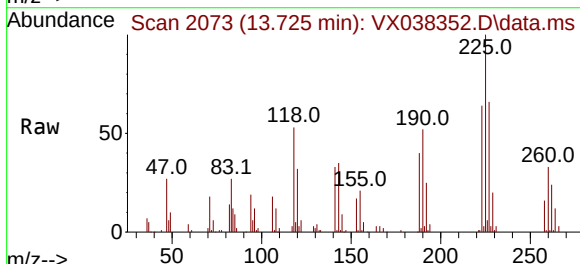
Tgt Ion:180 Resp: 54762
Ion Ratio Lower Upper
180 100
182 92.9 48.3 144.8
145 30.5 18.0 54.0

Manual Integrations
APPROVED

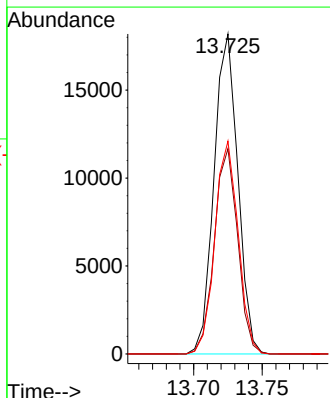
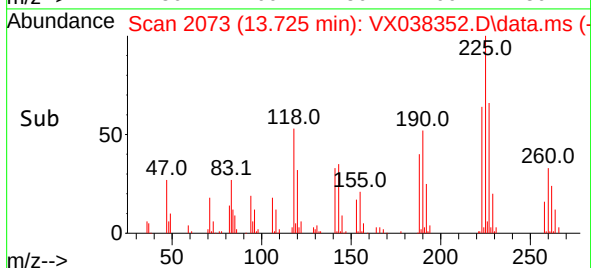
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023

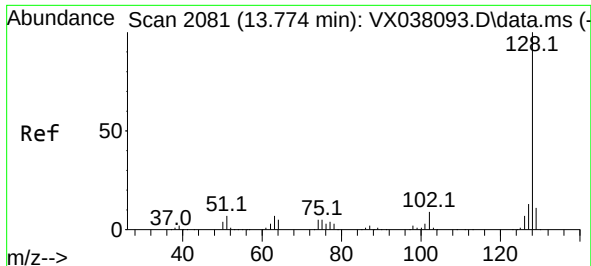


#94
Hexachlorobutadiene
Concen: 20.425 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09



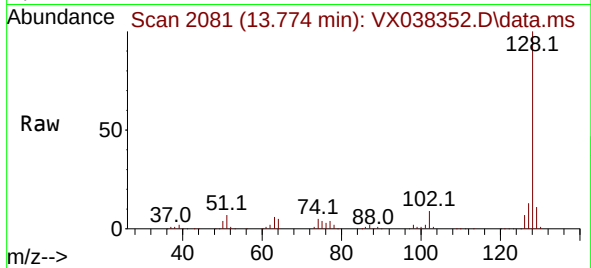
Tgt Ion:225 Resp: 21946
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.2
227 65.2 32.5 97.5





#95
Naphthalene
Concen: 19.545 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09

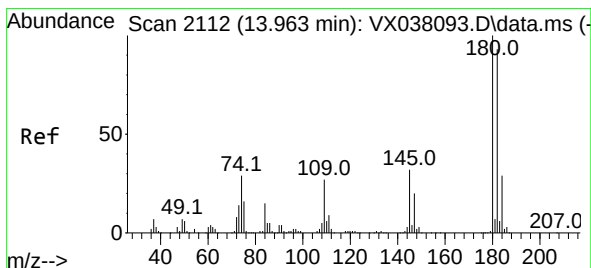
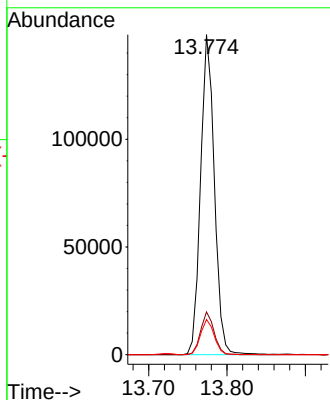
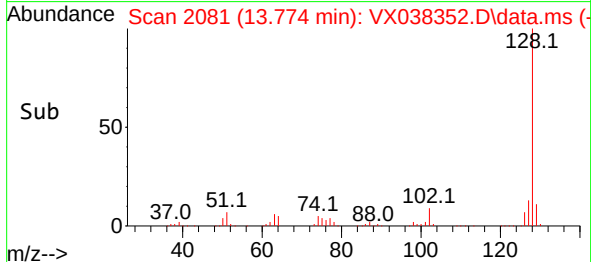
Instrument :
MSVOA_X
ClientSampleId :
VX1018MBS01



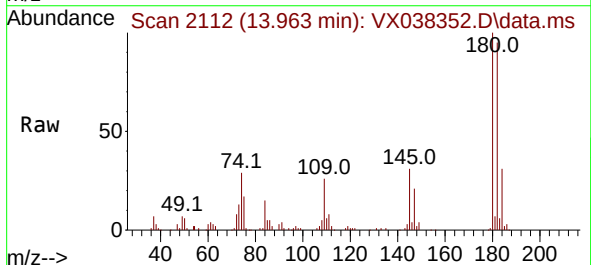
Tgt Ion:128 Resp: 181700
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.642 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038352.D
Acq: 18 Oct 2023 11:09



Tgt Ion:180 Resp: 53355
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 33.3 17.8 53.5

