

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038802.D
 Acq On : 14 Nov 2023 13:40
 Operator : JC/MD
 Sample : VX1114WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79670	47.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.960%		
35) Dibromofluoromethane	5.385	113	67954	48.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	257007	49.787	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	108872	50.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	26148	19.807	ug/l	96
3) Chloromethane	1.295	50	23863	17.404	ug/l	96
4) Vinyl Chloride	1.374	62	22267	18.538	ug/l	99
5) Bromomethane	1.605	94	16210	18.893	ug/l	97
6) Chloroethane	1.691	64	13222	18.243	ug/l	99
7) Trichlorofluoromethane	1.892	101	33884	18.921	ug/l	97
8) Diethyl Ether	2.136	74	12054	17.979	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	24620	18.907	ug/l	95
10) Methyl Iodide	2.453	142	32876	19.475	ug/l #	88
11) Tert butyl alcohol	2.953	59	38463	90.642	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	24918	18.611	ug/l	81
13) Acrolein	2.233	56	29174	103.441	ug/l	100
14) Allyl chloride	2.666	41	45979	19.153	ug/l	89
15) Acrylonitrile	3.063	53	92435	99.971	ug/l	98
16) Acetone	2.374	43	85679	96.284	ug/l	91
17) Carbon Disulfide	2.514	76	65700	18.081	ug/l	99
18) Methyl Acetate	2.703	43	81150	19.649	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	85209	19.762	ug/l	99
20) Methylene Chloride	2.788	84	29361	17.642	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	27234	18.829	ug/l	89
22) Diisopropyl ether	3.758	45	84831	19.426	ug/l	95
23) Vinyl Acetate	3.721	43	302415	101.948	ug/l	97
24) 1,1-Dichloroethane	3.611	63	47092	18.807	ug/l	98
25) 2-Butanone	4.550	43	128698	97.322	ug/l	93
26) 2,2-Dichloropropane	4.471	77	35341	18.938	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	31236	18.890	ug/l	89
28) Bromochloromethane	4.898	49	23099	20.394	ug/l	88
29) Tetrahydrofuran	5.001	42	84315	99.356	ug/l	94
30) Chloroform	5.093	83	47839	18.161	ug/l	97
31) Cyclohexane	5.471	56	43635	19.293	ug/l #	95
32) 1,1,1-Trichloroethane	5.385	97	40068	18.464	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36904	18.835	ug/l	96
37) Ethyl Acetate	4.709	43	46267	20.594	ug/l	95
38) Carbon Tetrachloride	5.678	117	33280	18.375	ug/l	93
39) Methylcyclohexane	7.379	83	46364	19.146	ug/l	98
40) Benzene	6.038	78	108542	19.077	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23906	19.973	ug/l	93
42) 1,2-Dichloroethane	6.086	62	36929	19.034	ug/l	93
43) Isopropyl Acetate	6.336	43	69077	20.411	ug/l	94
44) Trichloroethene	7.129	130	29995	19.379	ug/l	99
45) 1,2-Dichloropropane	7.428	63	27949	19.815	ug/l	97
46) Dibromomethane	7.580	93	19860	19.827	ug/l	94
47) Bromodichloromethane	7.824	83	35391	18.929	ug/l	99
48) Methyl methacrylate	7.690	41	34418	20.779	ug/l	88
49) 1,4-Dioxane	7.659	88	13304	395.072	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	239590	104.765	ug/l	98
52) Toluene	8.720	92	68566	19.507	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	39686	20.274	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	43221	19.838	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	28731	19.518	ug/l	100
56) Ethyl methacrylate	9.116	69	46380	20.278	ug/l	91
57) 1,3-Dichloropropane	9.305	76	46399	19.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	117808	106.962	ug/l	97
59) 2-Hexanone	9.427	43	192503	104.456	ug/l	94
60) Dibromochloromethane	9.519	129	28238	19.953	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31193	19.687	ug/l	97
64) Tetrachloroethene	9.275	164	24095	19.773	ug/l	97
65) Chlorobenzene	10.080	112	74855	19.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	25944	19.453	ug/l	98
67) Ethyl Benzene	10.195	91	133635	19.270	ug/l	100
68) m/p-Xylenes	10.299	106	105113	39.747	ug/l	99
69) o-Xylene	10.640	106	50539	19.694	ug/l	100
70) Styrene	10.653	104	85481	19.910	ug/l	98
71) Bromoform	10.799	173	19901	19.254	ug/l #	99
73) Isopropylbenzene	10.964	105	131971	19.656	ug/l	97
74) N-amyl acetate	10.842	43	57230	20.526	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	47222	19.436	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39979m	19.394	ug/l	
77) Bromobenzene	11.195	156	32079	20.075	ug/l	96
78) n-propylbenzene	11.305	91	158812	19.776	ug/l	99
79) 2-Chlorotoluene	11.366	91	95192	19.332	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	115580	20.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13414	18.698	ug/l	89
82) 4-Chlorotoluene	11.451	91	111244	19.624	ug/l	97
83) tert-Butylbenzene	11.713	119	110722	19.806	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	113992	19.675	ug/l	96
85) sec-Butylbenzene	11.890	105	143691	19.840	ug/l	99
86) p-Isopropyltoluene	12.006	119	120089	20.338	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62511	19.435	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	62468	19.168	ug/l	99
89) n-Butylbenzene	12.335	91	109924	19.984	ug/l	98
90) Hexachloroethane	12.536	117	17790	18.868	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	59338	19.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11600	20.015	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	39332	20.094	ug/l	98
94) Hexachlorobutadiene	13.725	225	14414	19.326	ug/l	99
95) Naphthalene	13.774	128	145959	20.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	38185	19.824	ug/l	99

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Instrument :
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ClientSampleId :
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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

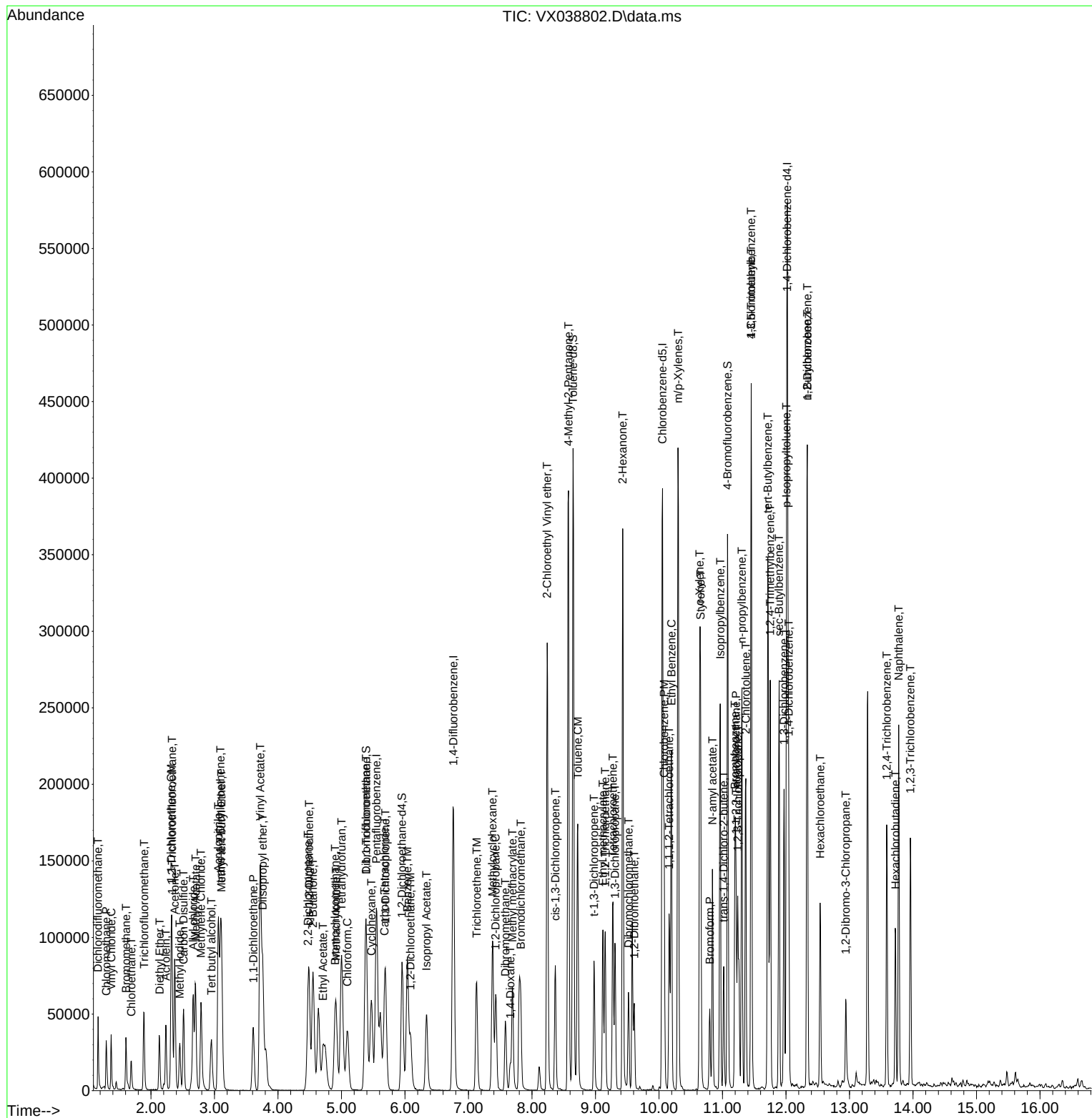
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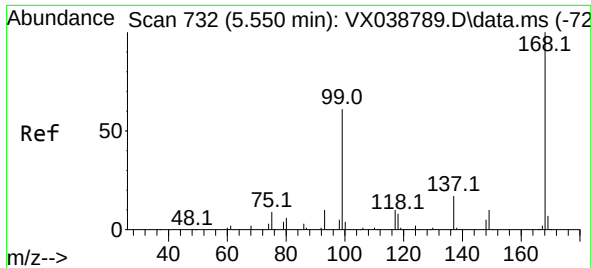
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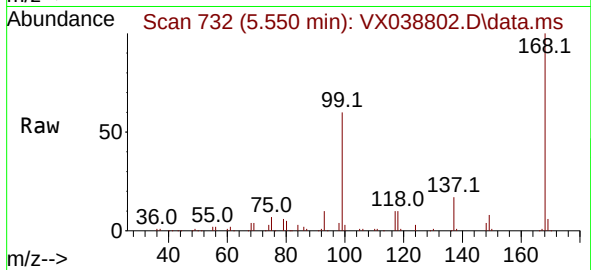
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038802.D
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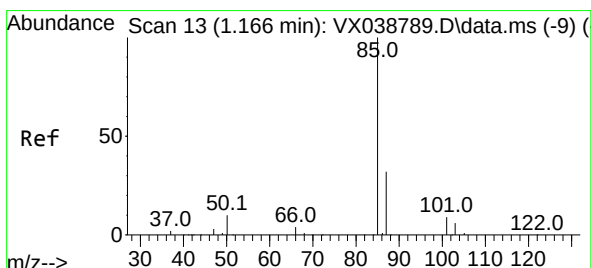
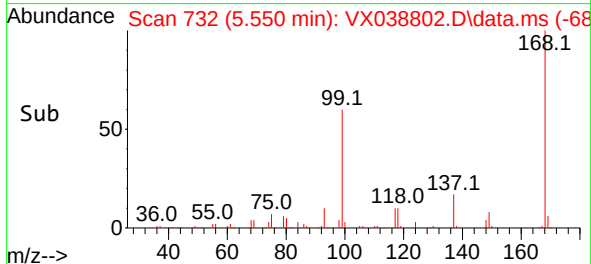
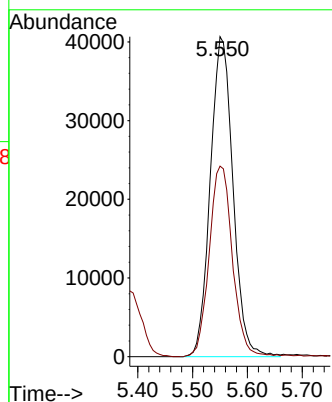
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 116728
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0

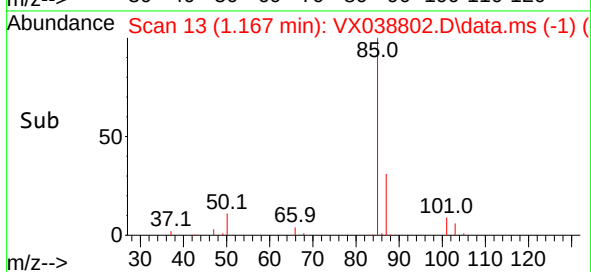
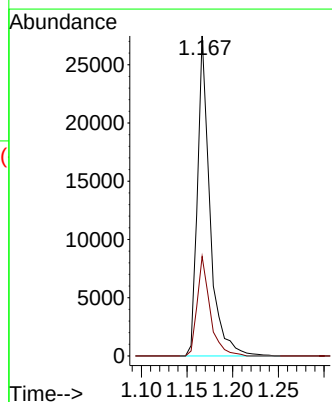
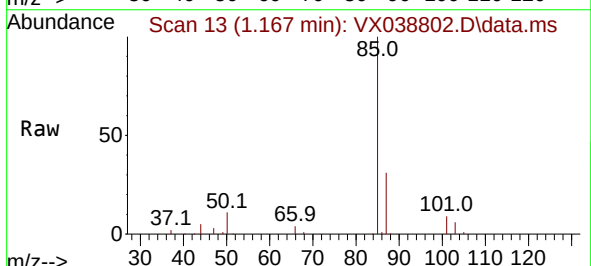
Manual Integrations
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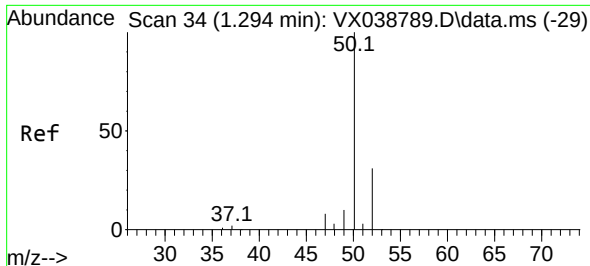
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#2
Dichlorodifluoromethane
Concen: 19.807 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 85 Resp: 26148
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





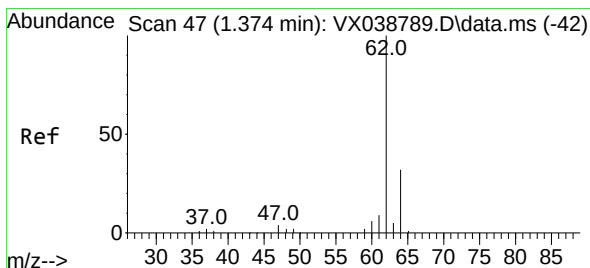
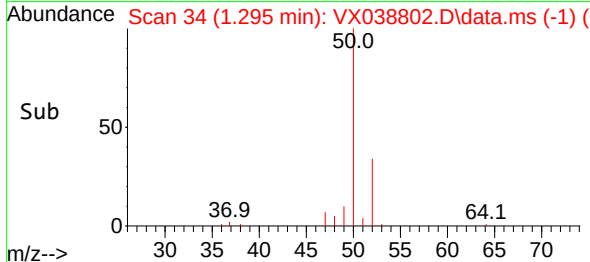
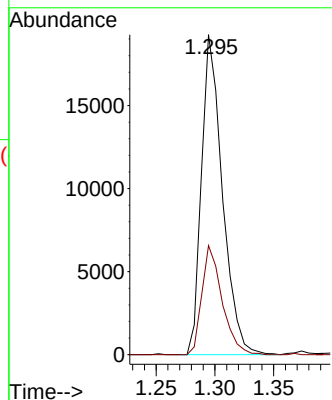
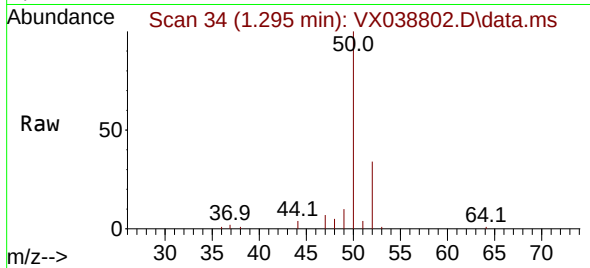
#3
Chloromethane
Concen: 17.404 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 2386
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

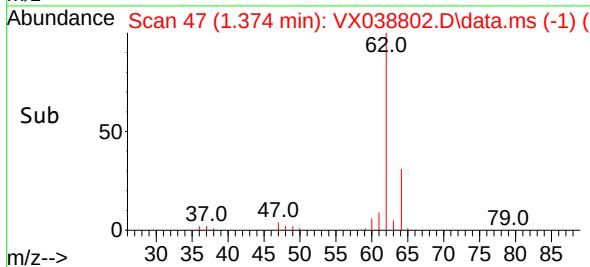
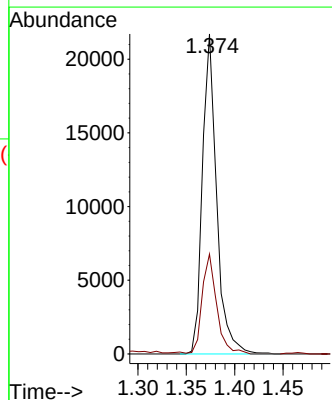
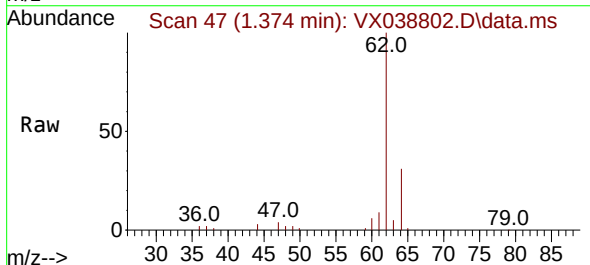
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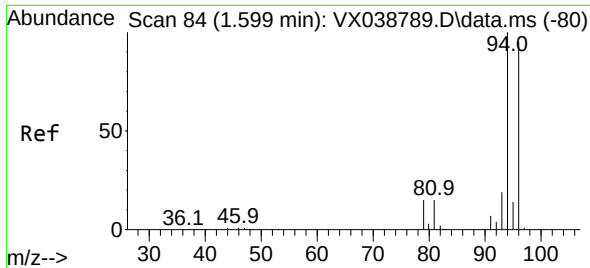
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#4
Vinyl Chloride
Concen: 18.538 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

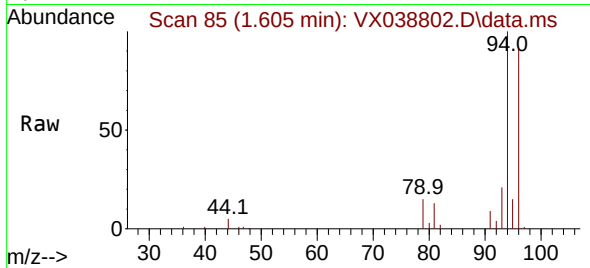
Tgt Ion: 62 Resp: 22267
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 18.893 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

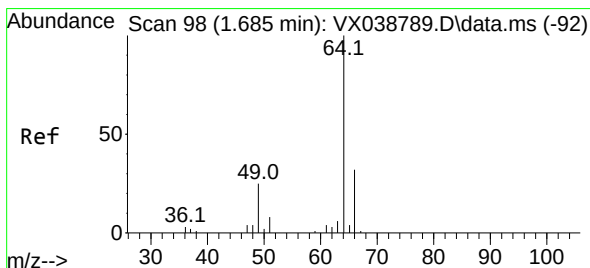
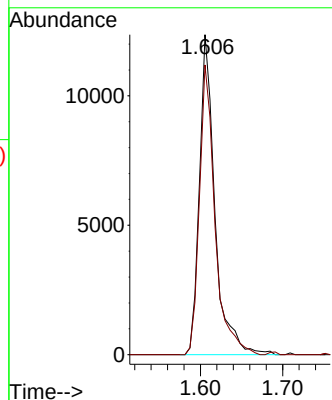
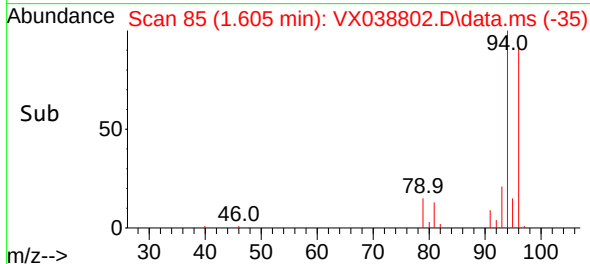
Instrument :
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Tgt Ion: 94 Resp: 16210
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8

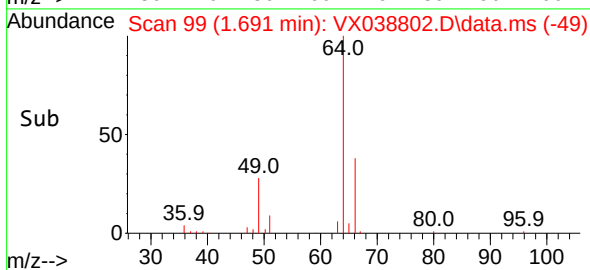
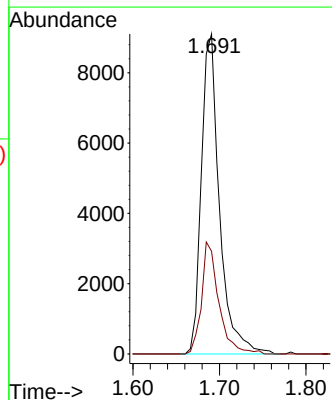
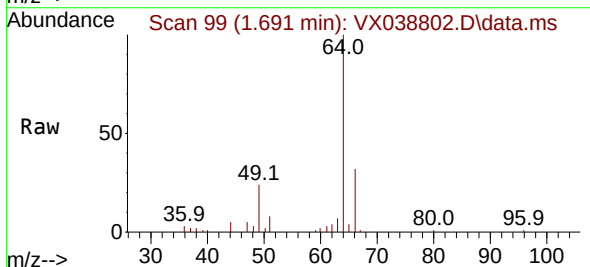
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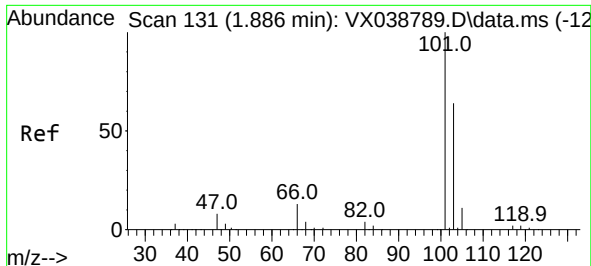
Reviewed By :John Carlone 11/15/2023
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#6
Chloroethane
Concen: 18.243 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 64 Resp: 13222
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





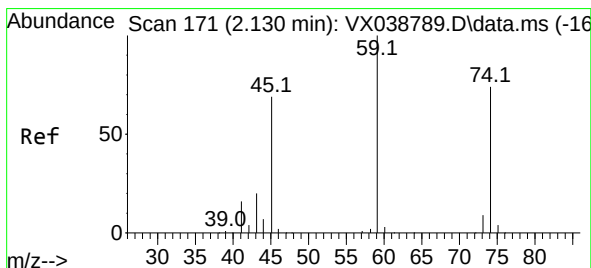
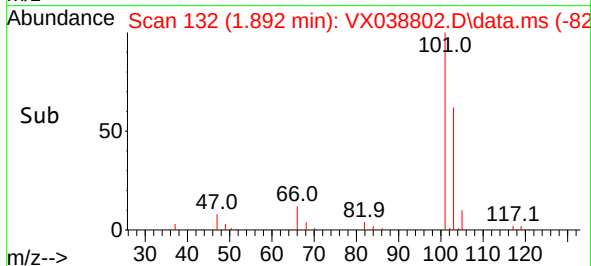
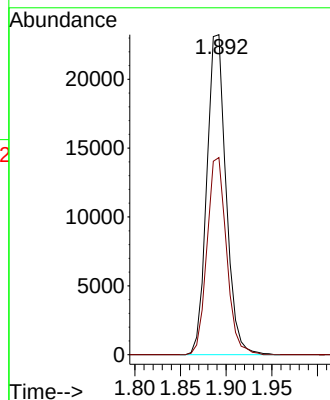
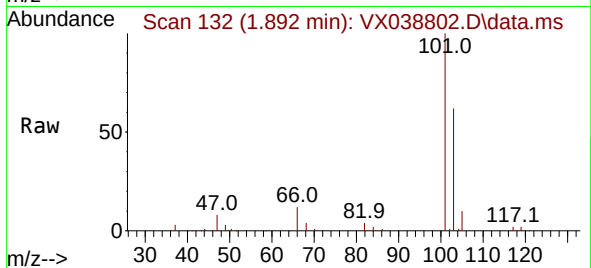
#7
Trichlorofluoromethane
Concen: 18.921 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion:101 Resp: 33884
Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.2

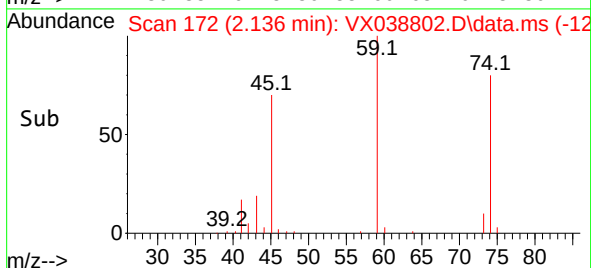
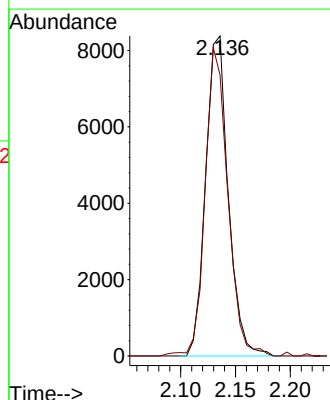
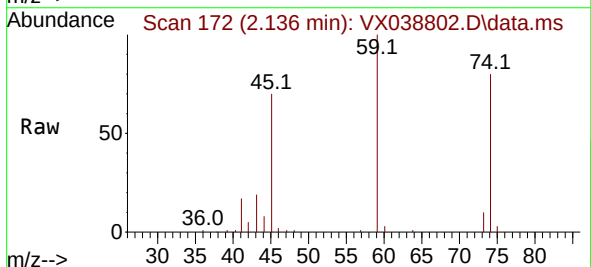
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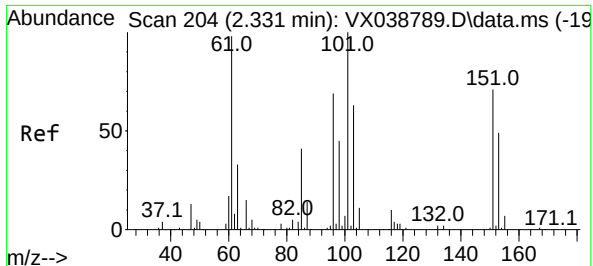
Reviewed By :John Carlone 11/15/2023
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#8
Diethyl Ether
Concen: 17.979 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 74 Resp: 12054
Ion Ratio Lower Upper
74 100
45 96.0 53.3 159.8





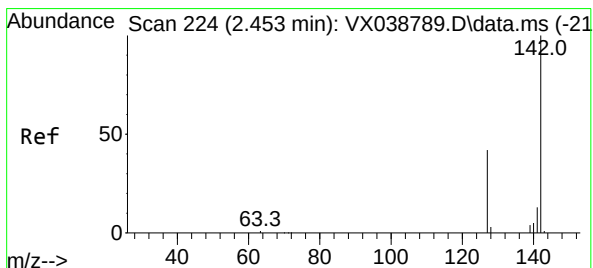
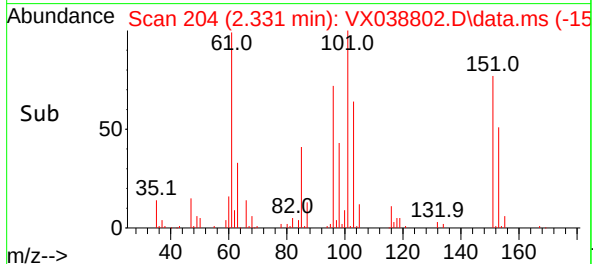
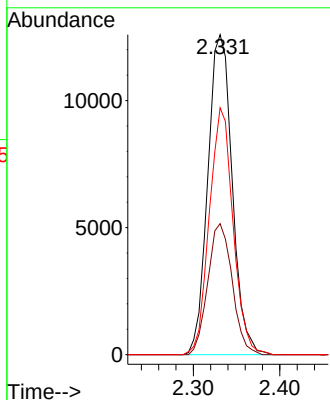
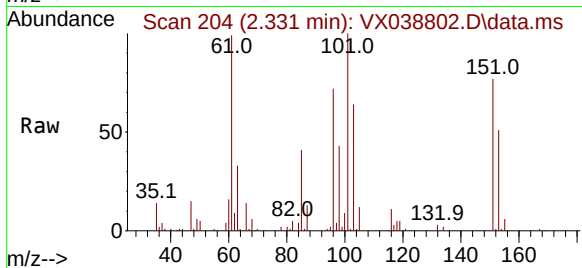
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.907 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion:101 Resp: 24620
Ion Ratio Lower Upper
101 100
85 40.9 37.0 55.6
151 75.2 58.6 87.8

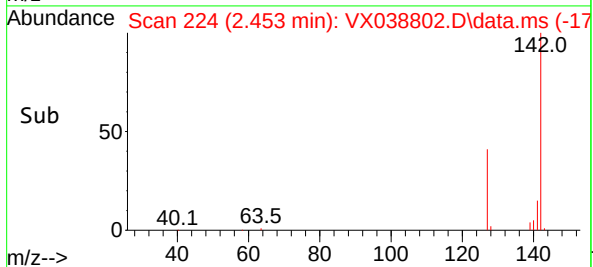
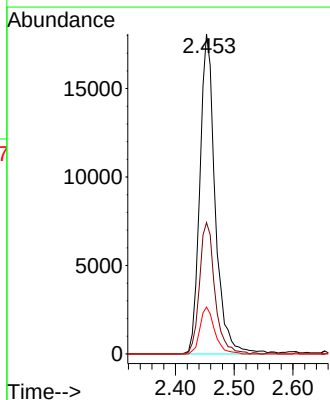
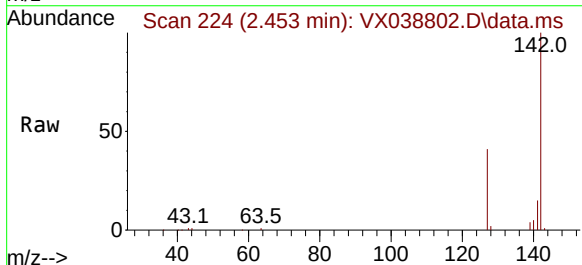
Manual Integrations
APPROVED

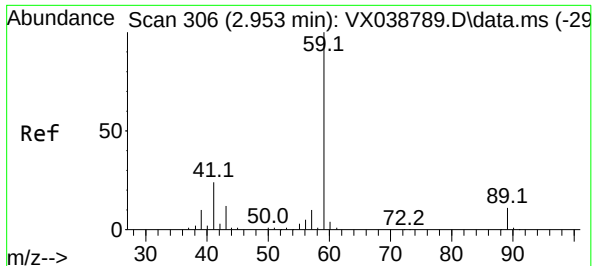
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 19.475 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion:142 Resp: 32876
Ion Ratio Lower Upper
142 100
127 41.2 41.6 62.4#
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.642 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 59 Resp: 3846

Ion Ratio Lower Upper

59 100

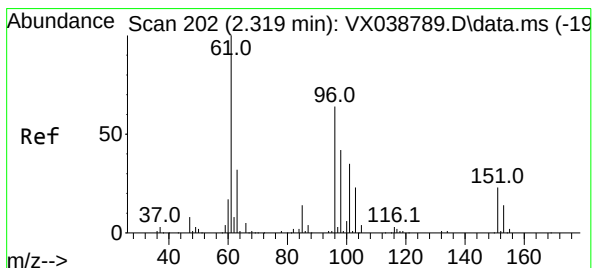
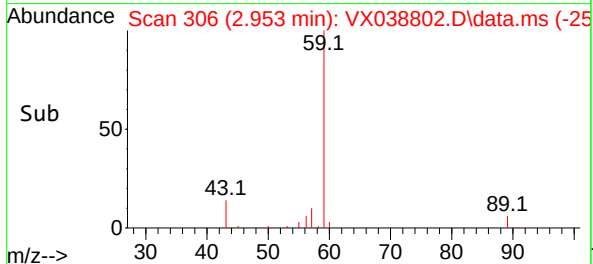
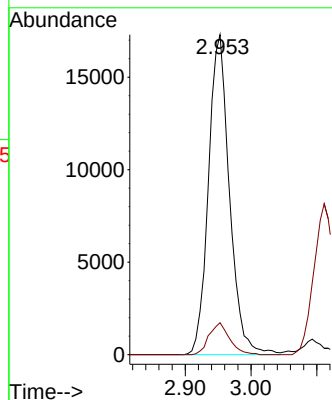
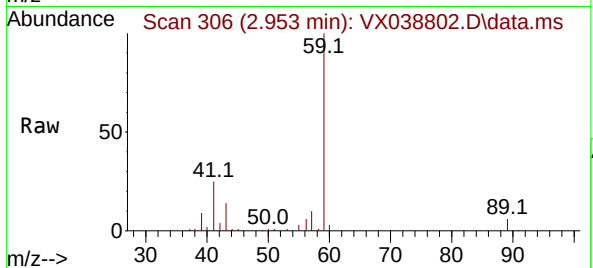
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#12

1,1-Dichloroethene

Concen: 18.611 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

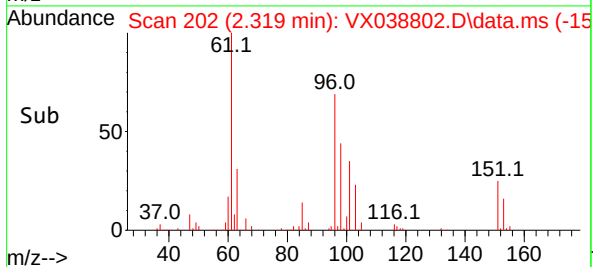
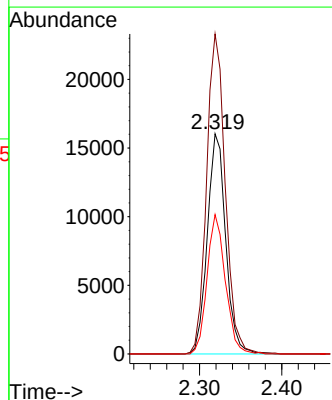
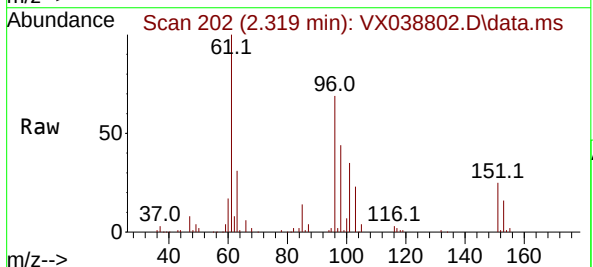
Tgt Ion: 96 Resp: 24918

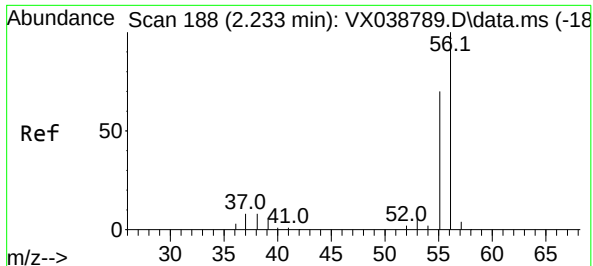
Ion Ratio Lower Upper

96 100

61 145.3 144.6 216.8

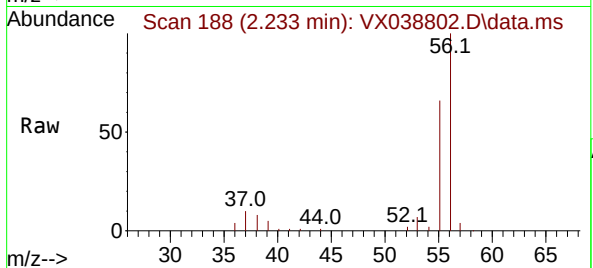
98 63.3 50.4 75.6





#13
Acrolein
Concen: 103.441 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

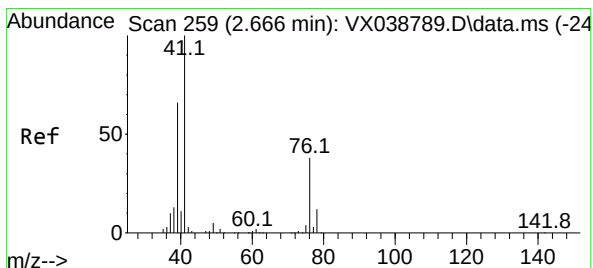
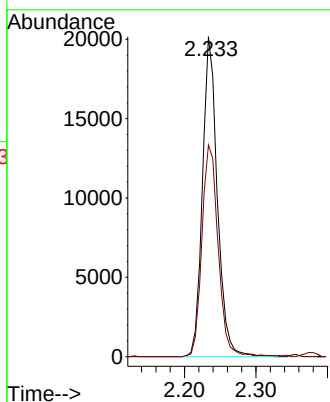
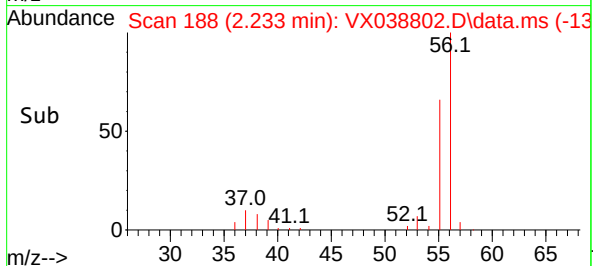
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 56 Resp: 29174
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

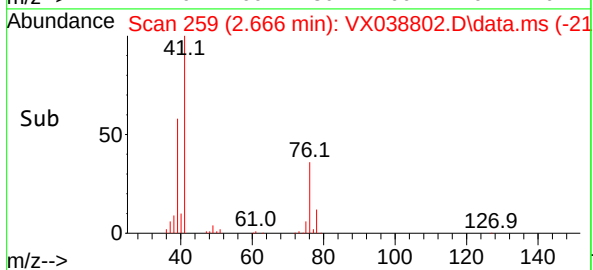
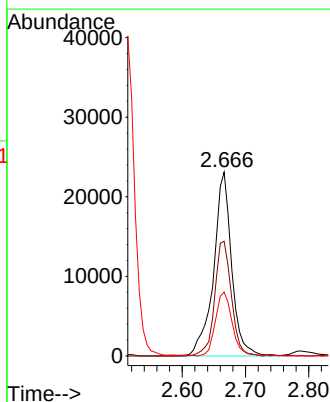
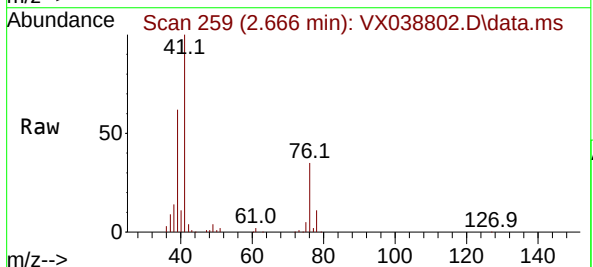
Manual Integrations
APPROVED

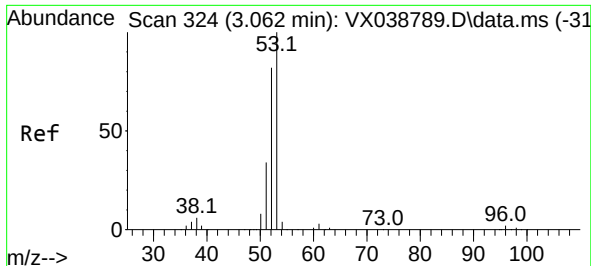
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 19.153 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

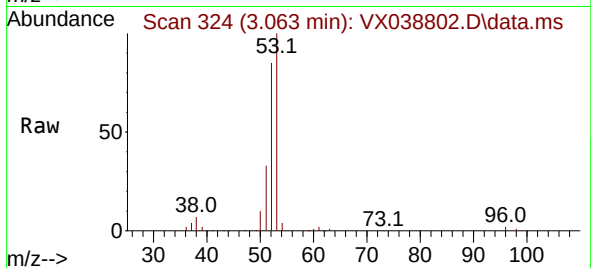
Tgt Ion: 41 Resp: 45979
Ion Ratio Lower Upper
41 100
39 57.5 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 99.971 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

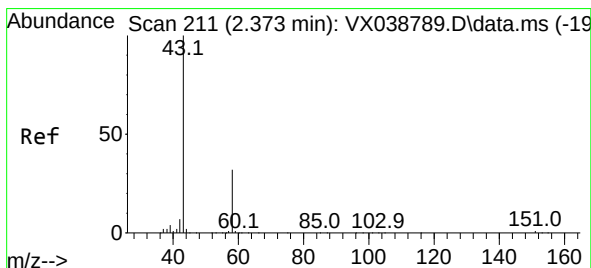
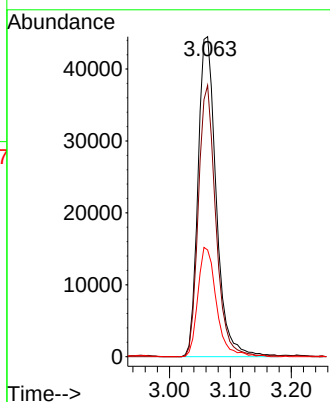
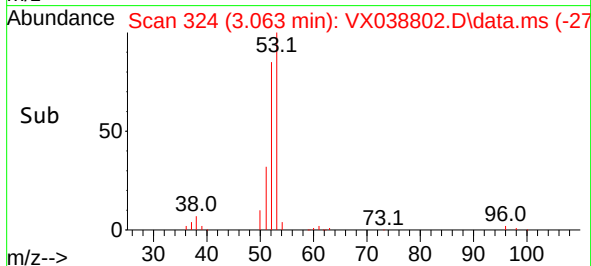
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 53 Resp: 92435
Ion Ratio Lower Upper
53 100
52 81.1 66.0 99.0
51 34.8 29.8 44.6

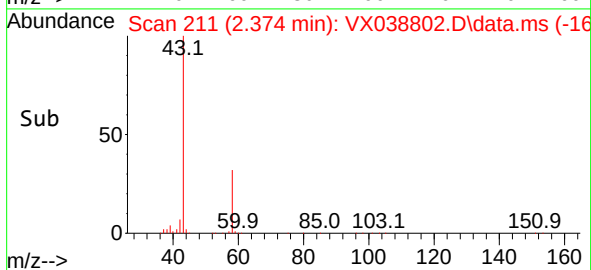
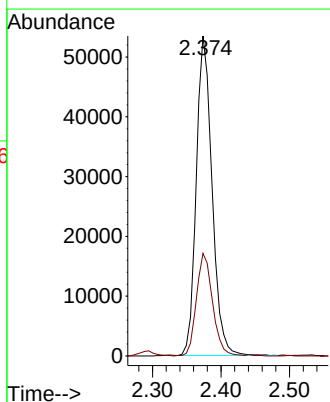
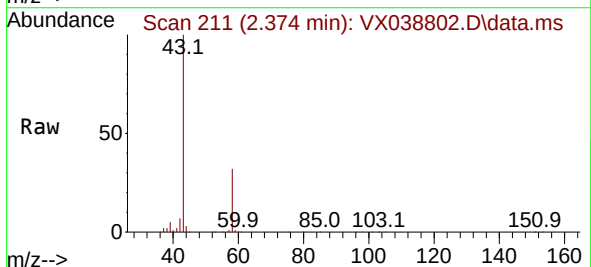
Manual Integrations
APPROVED

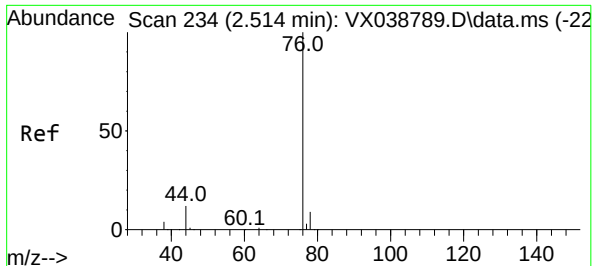
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 96.284 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 43 Resp: 85679
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





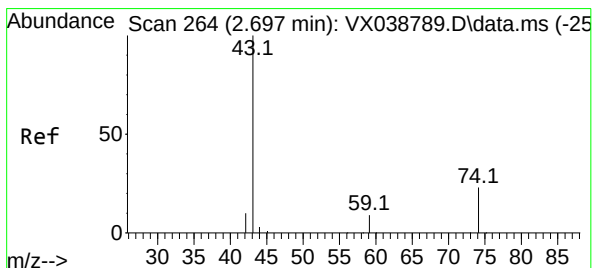
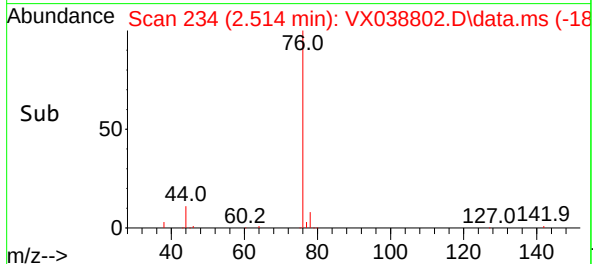
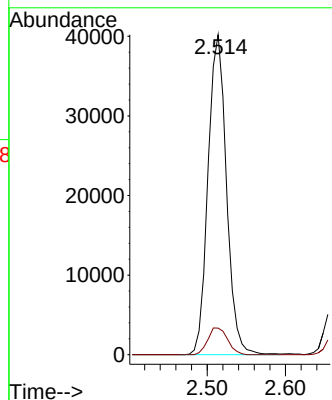
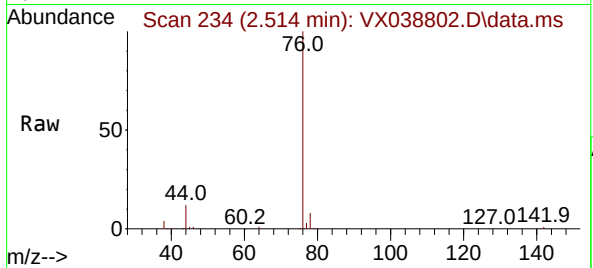
#17
Carbon Disulfide
Concen: 18.081 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 76 Resp: 65700
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

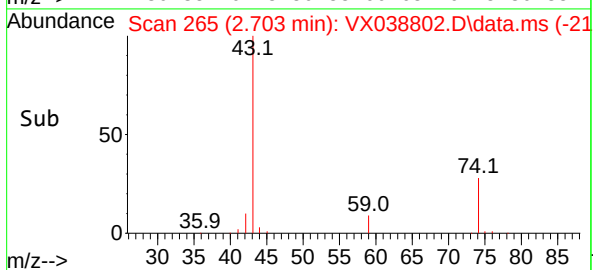
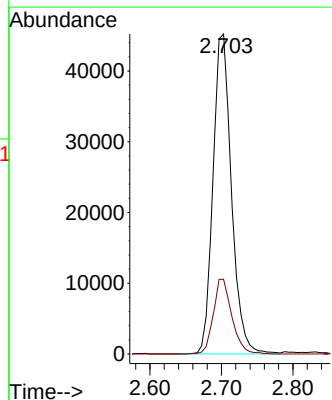
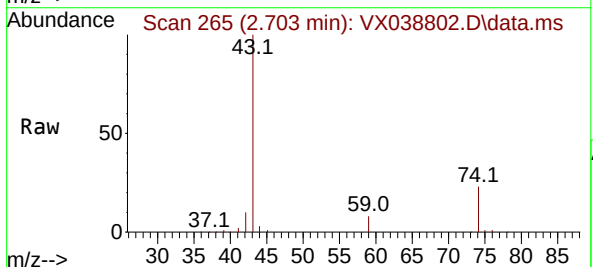
Manual Integrations
APPROVED

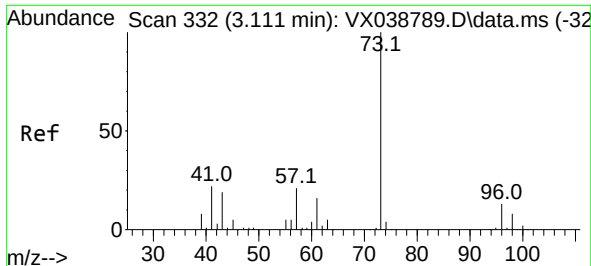
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 19.649 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 43 Resp: 81150
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8





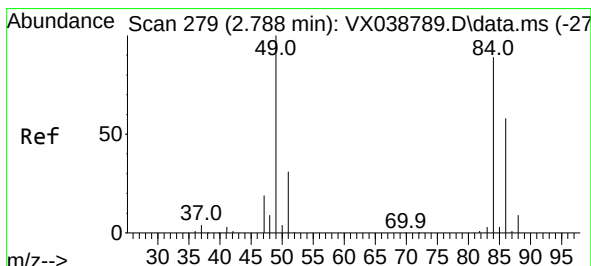
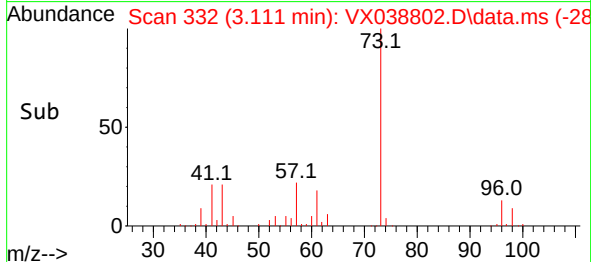
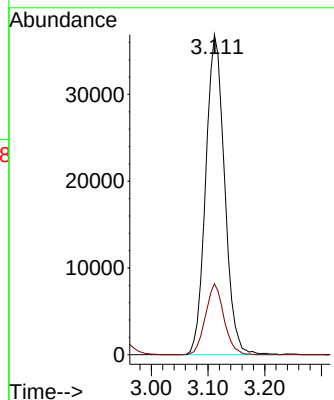
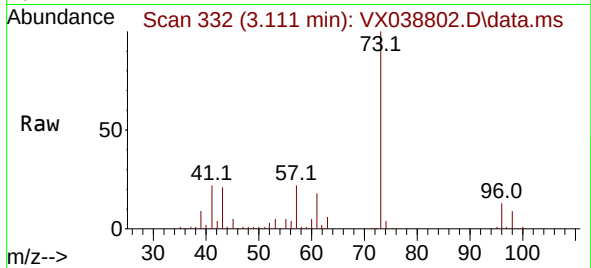
#19
Methyl tert-butyl Ether
Concen: 19.762 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 73 Resp: 85209
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

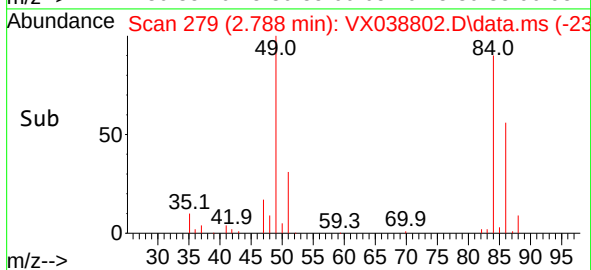
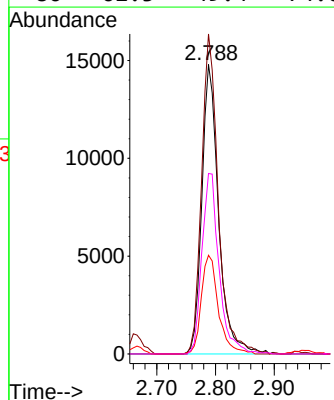
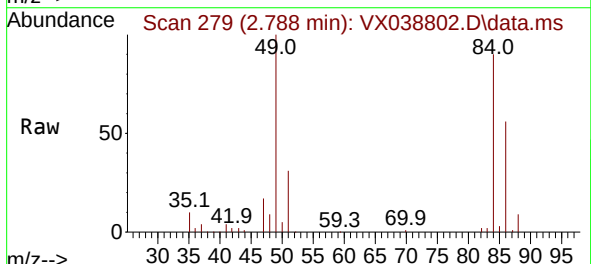
Manual Integrations
APPROVED

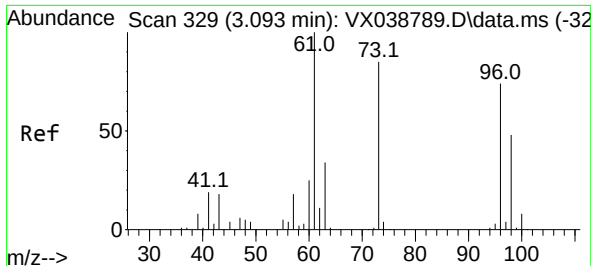
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 17.642 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

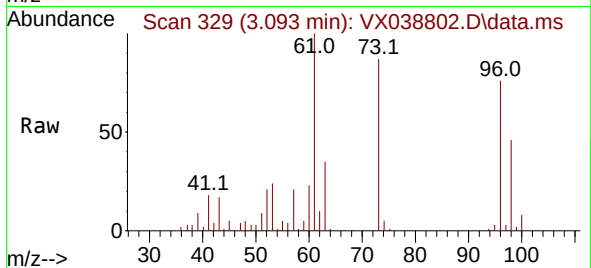
Tgt Ion: 84 Resp: 29361
Ion Ratio Lower Upper
84 100
49 110.5 103.6 155.4
51 34.1 33.8 50.6
86 62.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.829 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

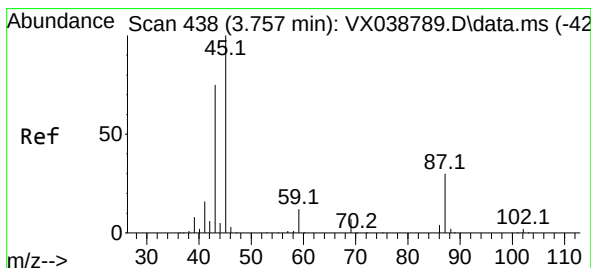
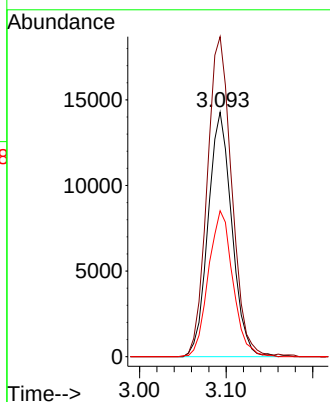
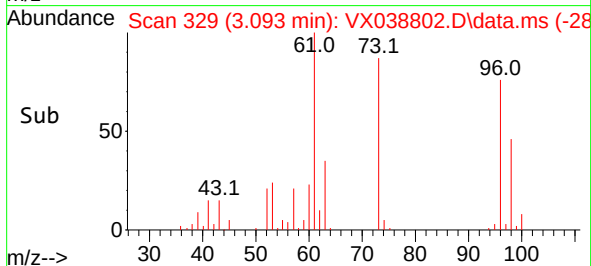
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



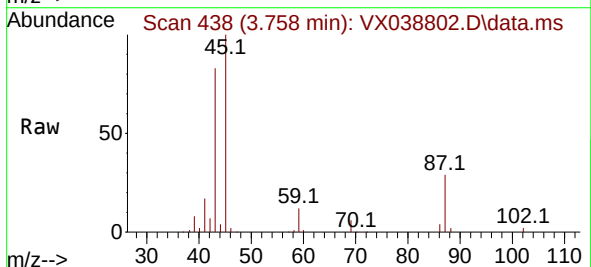
Tgt Ion: 96 Resp: 27234
Ion Ratio Lower Upper
96 100
61 130.9 119.2 178.8
98 59.7 48.7 73.1

Manual Integrations
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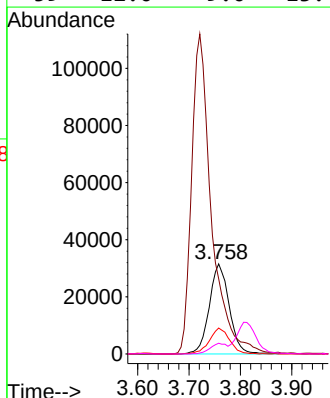
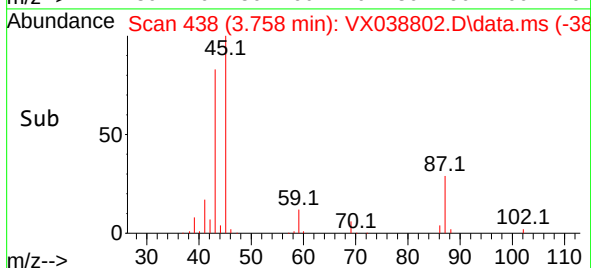
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

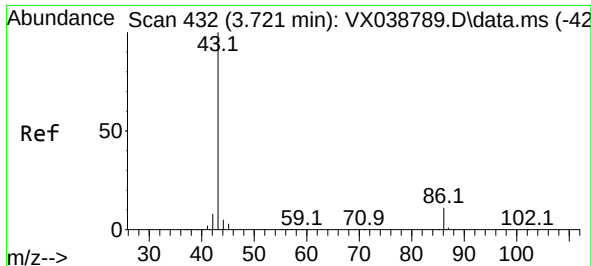


#22
Diisopropyl ether
Concen: 19.426 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



Tgt Ion: 45 Resp: 84831
Ion Ratio Lower Upper
45 100
43 82.0 69.7 104.5
87 28.7 20.8 31.2
59 12.0 9.0 13.4





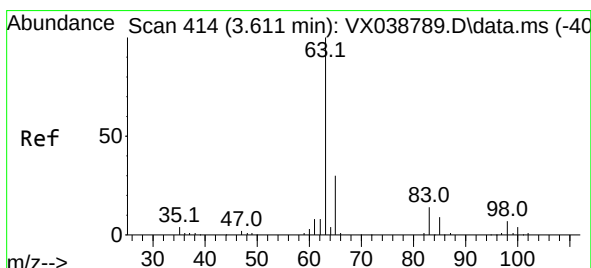
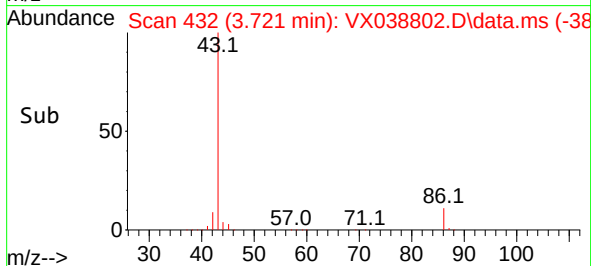
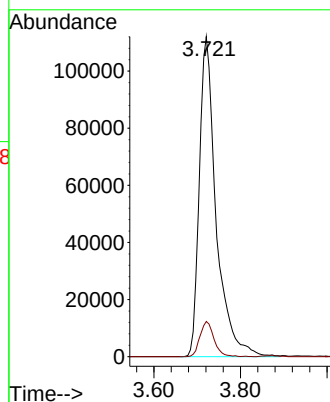
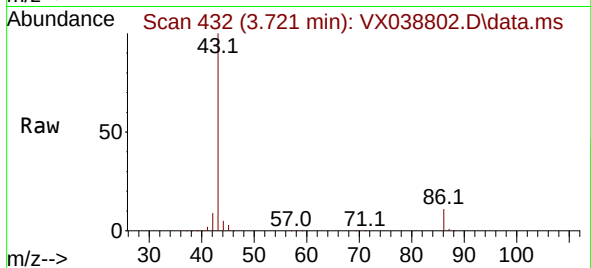
#23
 Vinyl Acetate
 Concen: 101.948 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tgt Ion: 43 Resp: 302415
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

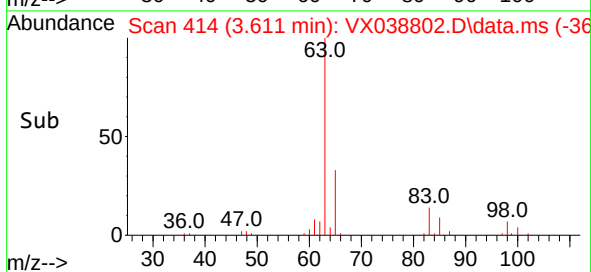
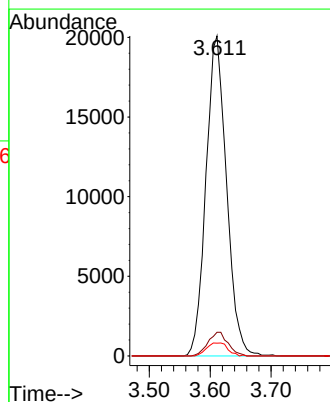
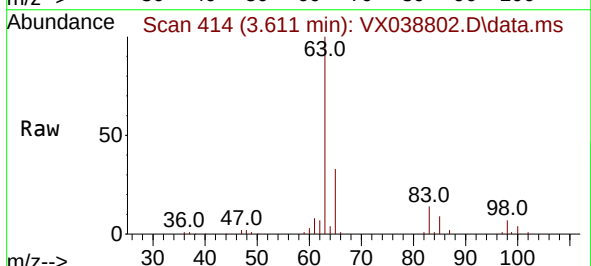
Manual Integrations
 APPROVED

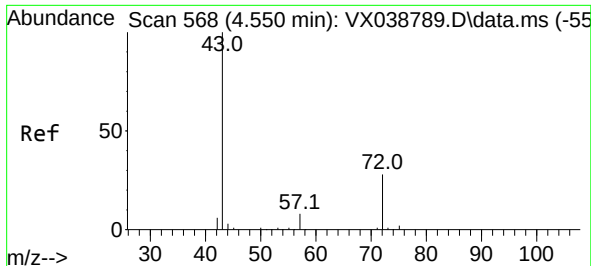
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 18.807 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40

Tgt Ion: 63 Resp: 47092
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.0 2.1 6.5





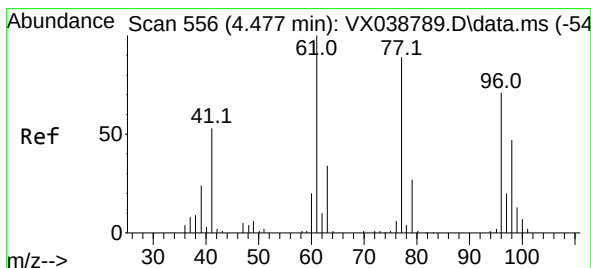
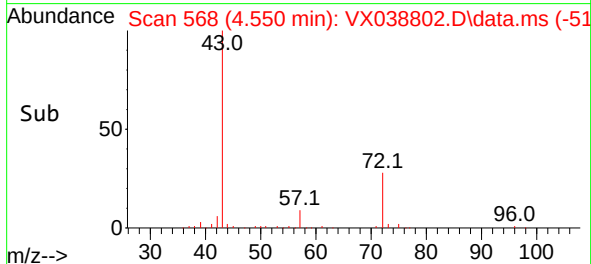
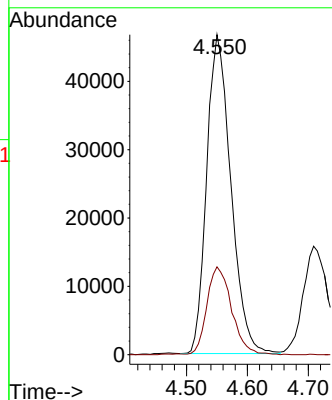
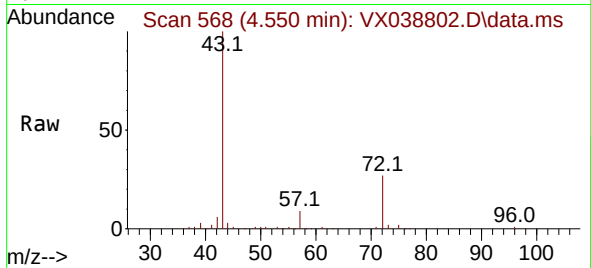
#25
2-Butanone
Concen: 97.322 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 43 Resp: 128698
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.2

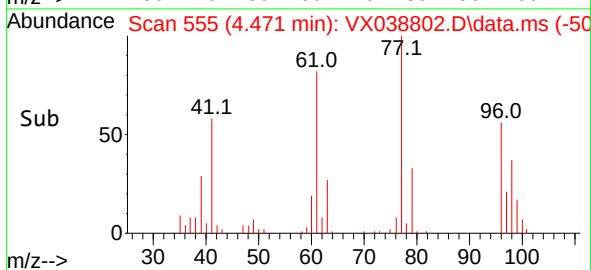
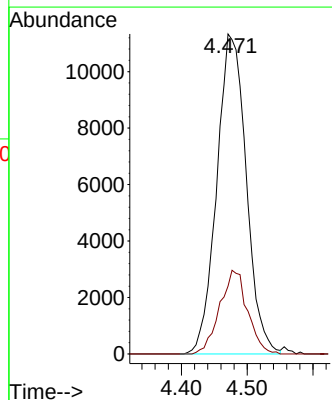
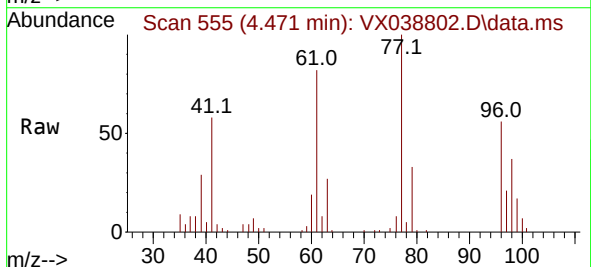
Manual Integrations
APPROVED

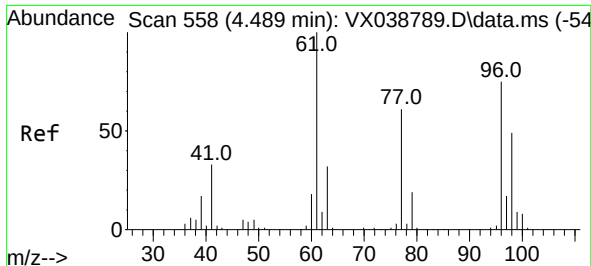
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#26
2,2-Dichloropropane
Concen: 18.938 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

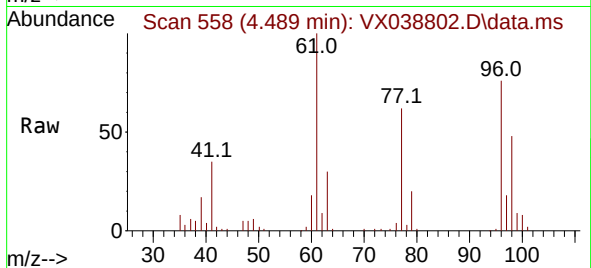
Tgt Ion: 77 Resp: 35341
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.890 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40

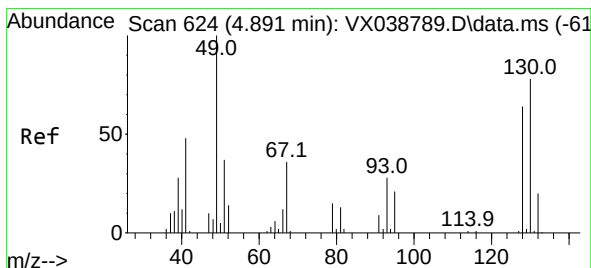
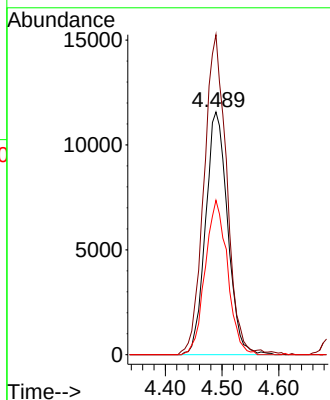
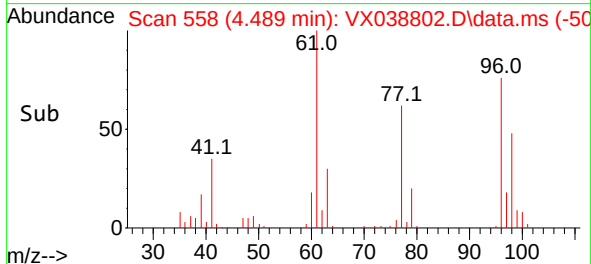
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01



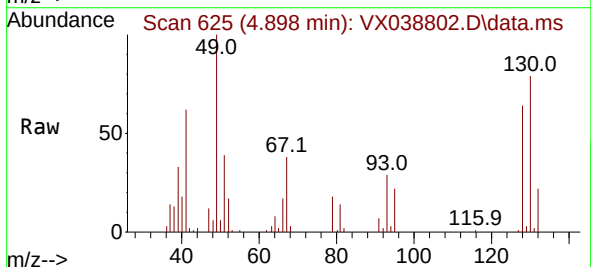
Tgt Ion: 96 Resp: 31230
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 312.2
 98 64.3 0.0 129.0

Manual Integrations
 APPROVED

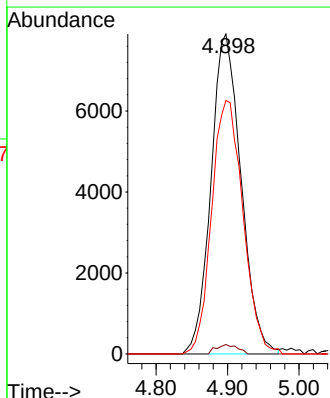
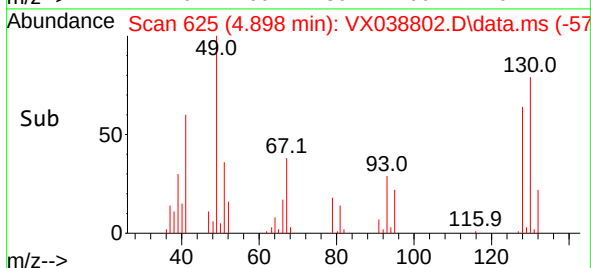
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

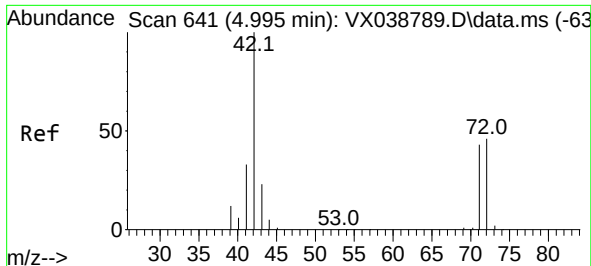


#28
 Bromochloromethane
 Concen: 20.394 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40



Tgt Ion: 49 Resp: 23099
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 82.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 99.356 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

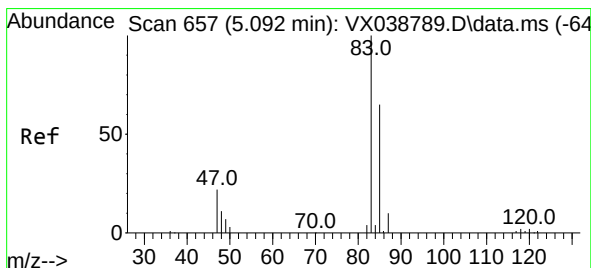
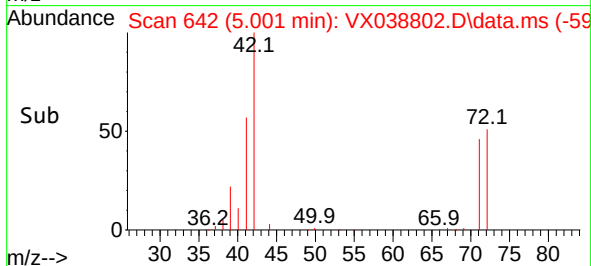
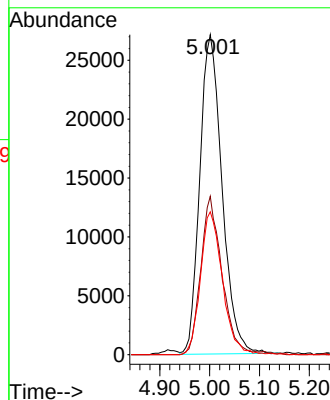
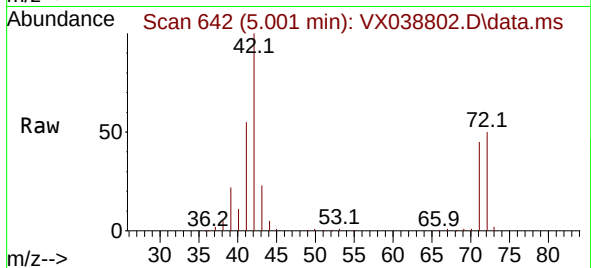
Tgt Ion:	42	Resp:	8431
Ion Ratio	Lower	Upper	
42	100		
72	46.9	34.2	51.4
71	43.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 18.161 ug/l

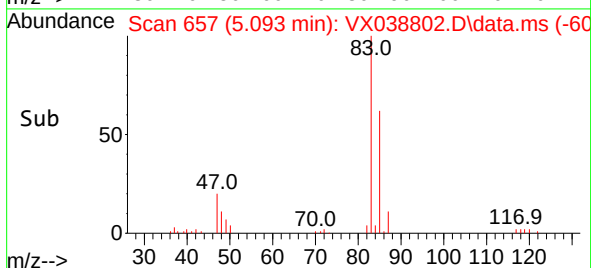
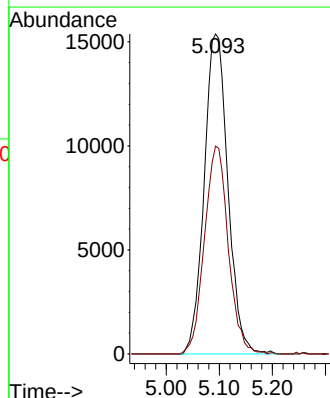
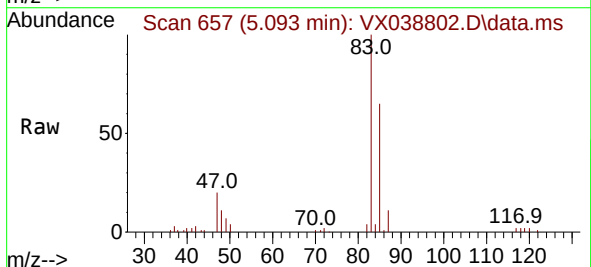
RT: 5.093 min Scan# 657

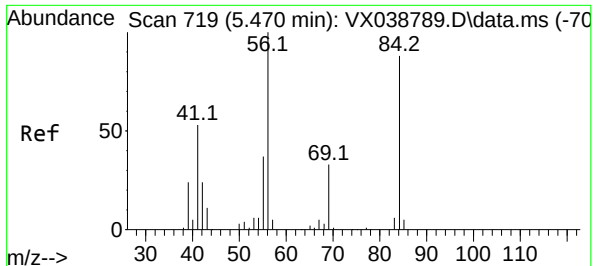
Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

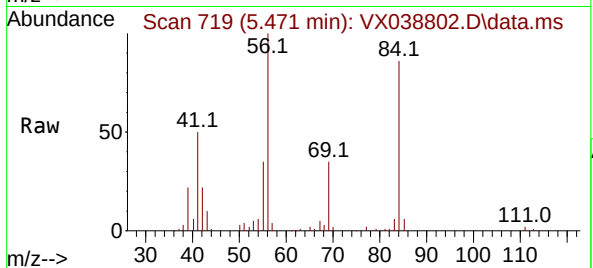
Tgt Ion:	83	Resp:	47839
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5





#31
Cyclohexane
Concen: 19.293 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

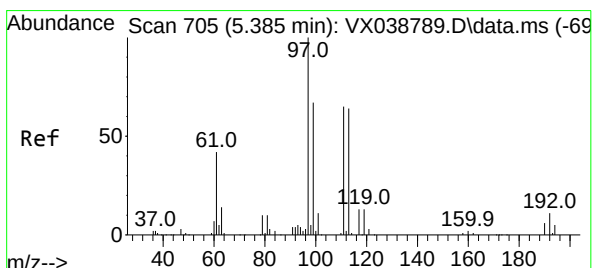
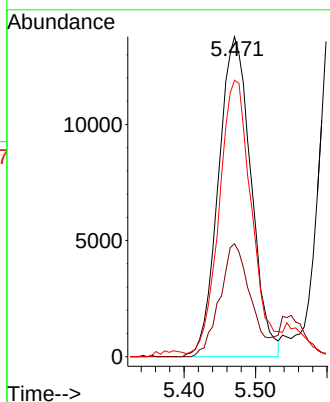
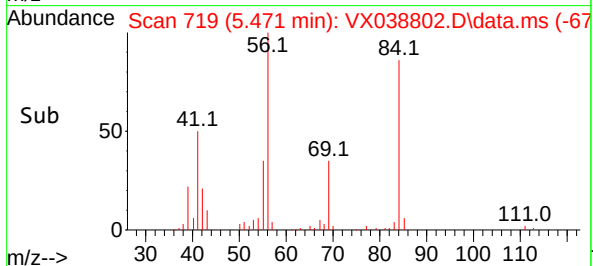
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 56 Resp: 4363
Ion Ratio Lower Upper
56 100
69 35.3 23.4 35.2
84 84.8 65.9 98.9

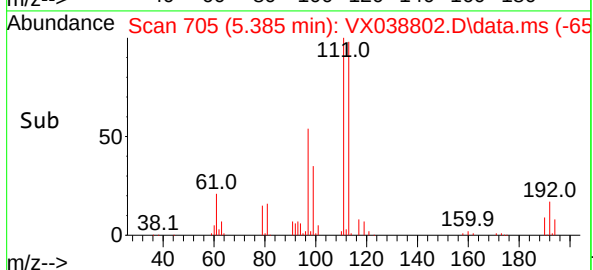
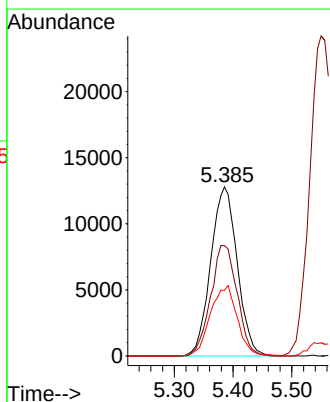
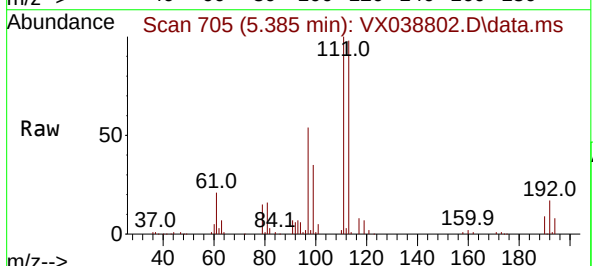
Manual Integrations
APPROVED

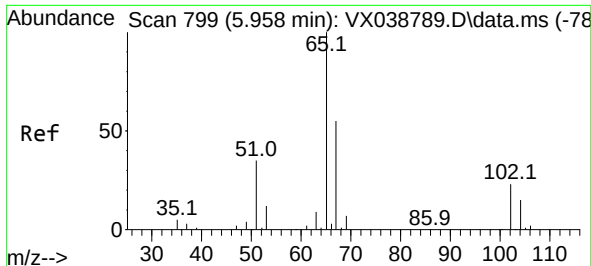
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 18.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 97 Resp: 40068
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 42.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.975 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 65 Resp: 79670

Ion Ratio Lower Upper

65 100

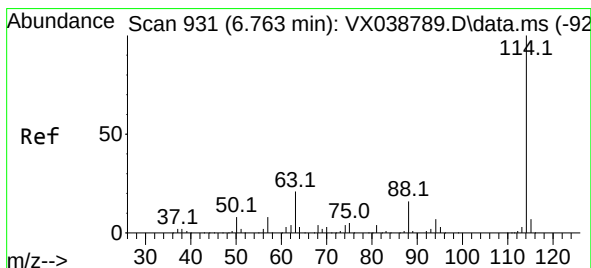
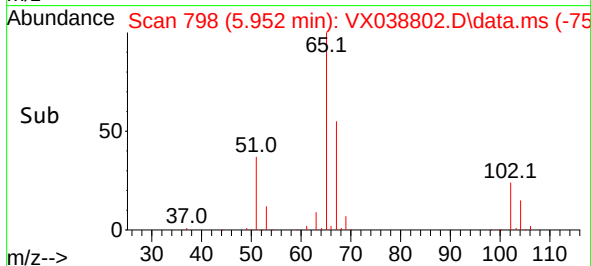
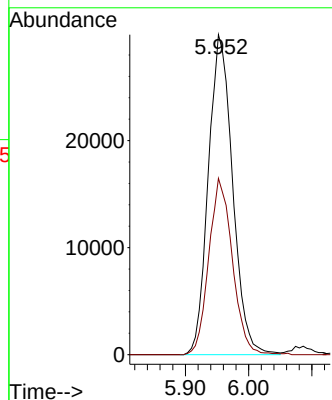
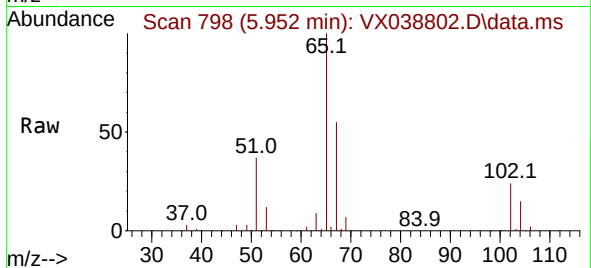
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

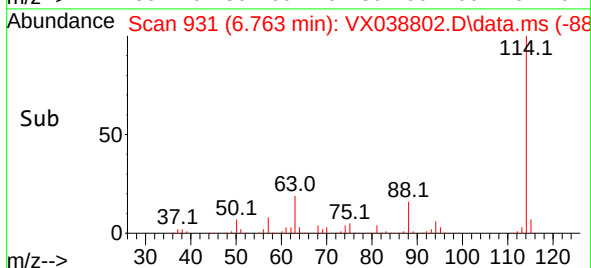
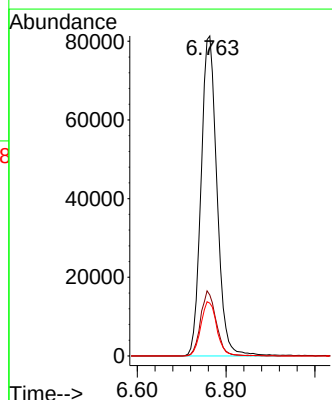
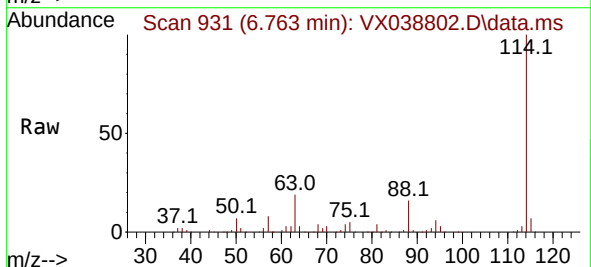
Tgt Ion:114 Resp: 202857

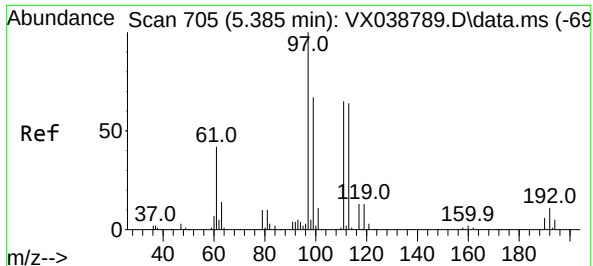
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

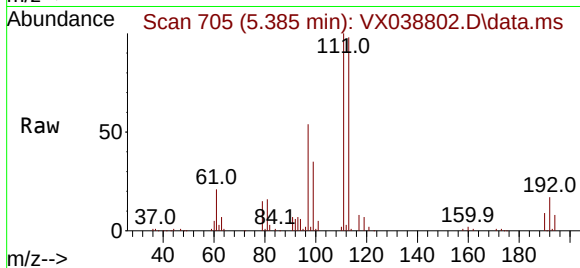
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.761 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

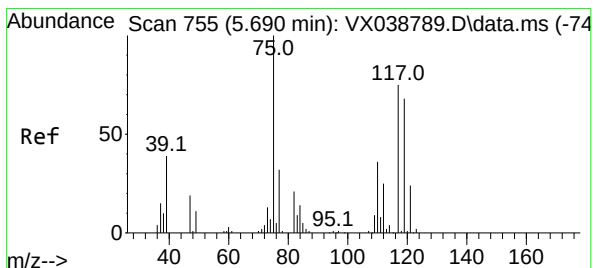
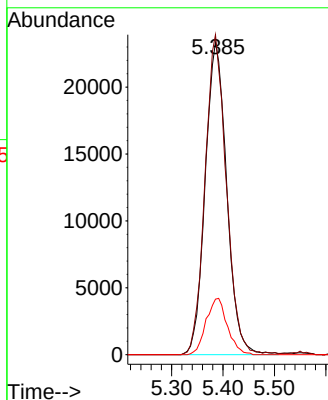
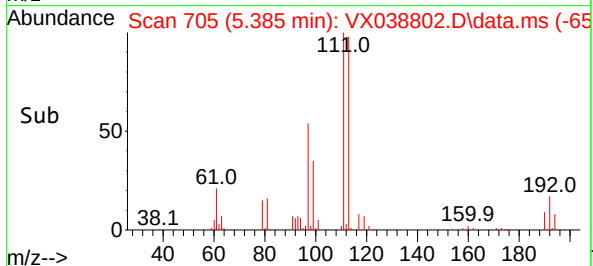
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 113 Resp: 67954
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 17.8 13.3 19.9

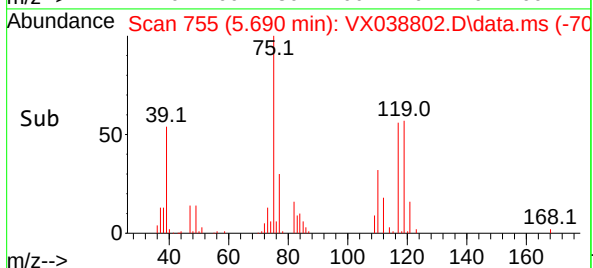
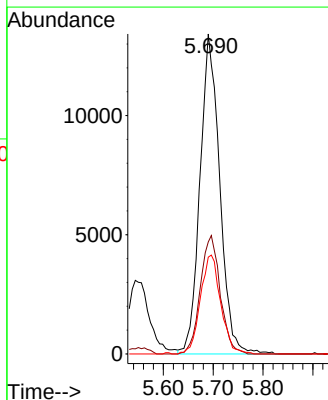
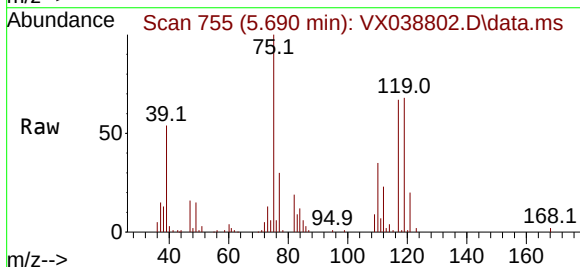
Manual Integrations
APPROVED

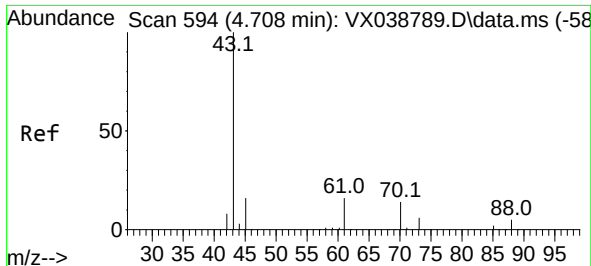
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#36
1,1-Dichloropropene
Concen: 18.835 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

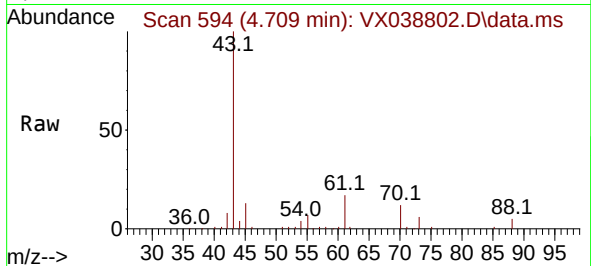
Tgt Ion: 75 Resp: 36904
Ion Ratio Lower Upper
75 100
110 37.3 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 20.594 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

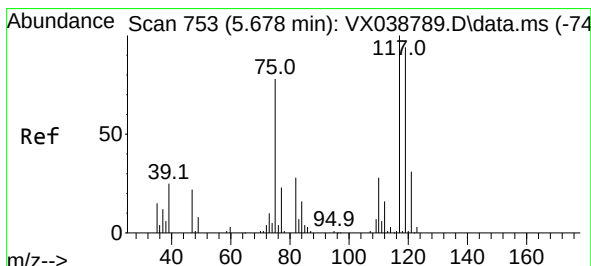
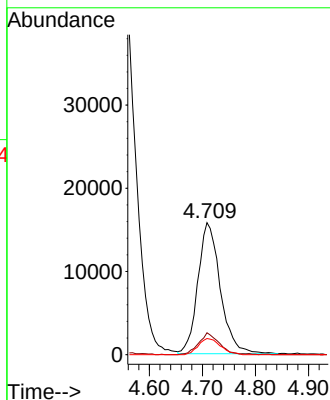
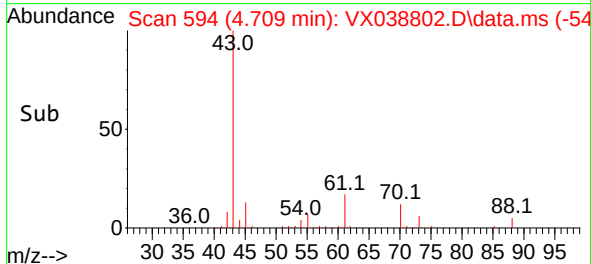
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 43 Resp: 4626
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 12.2 8.3 12.5

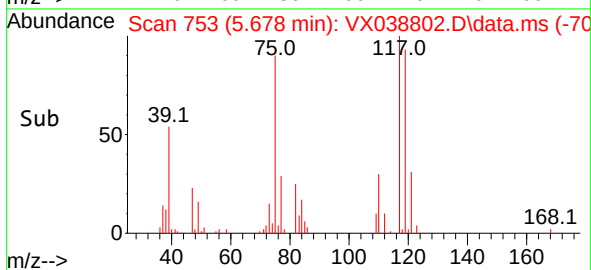
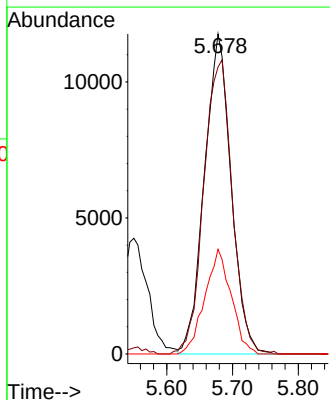
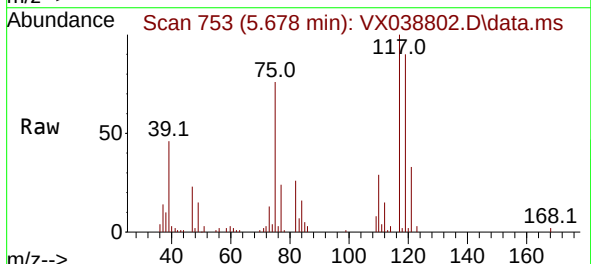
Manual Integrations
APPROVED

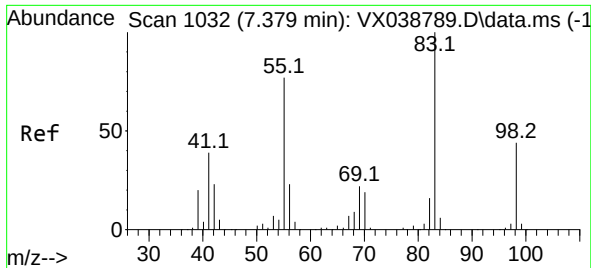
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#38
Carbon Tetrachloride
Concen: 18.375 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

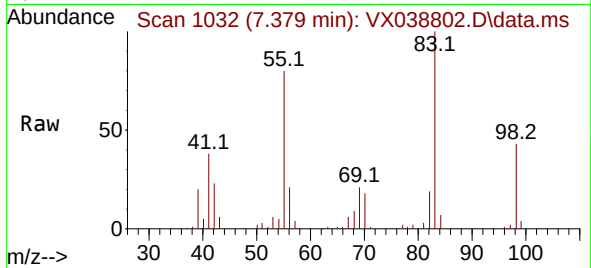
Tgt Ion:117 Resp: 33280
Ion Ratio Lower Upper
117 100
119 89.7 78.2 117.2
121 32.7 24.4 36.6





#39
Methylcyclohexane
Concen: 19.146 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

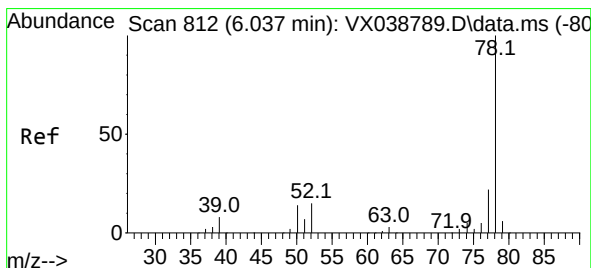
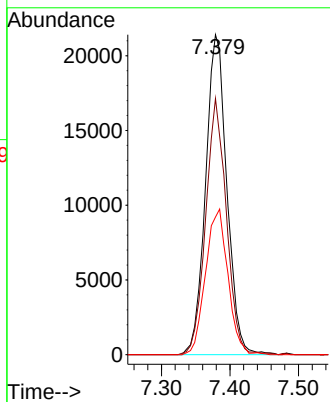
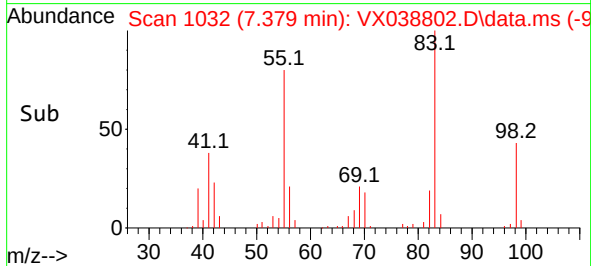
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 83 Resp: 46364
Ion Ratio Lower Upper
83 100
55 80.0 64.6 97.0
98 43.0 36.7 55.1

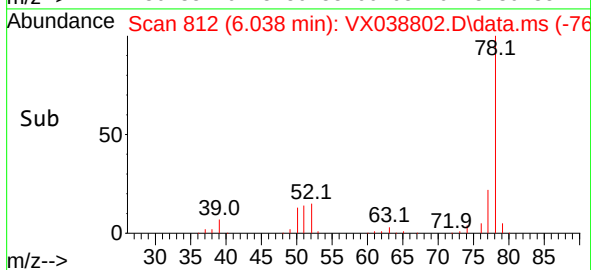
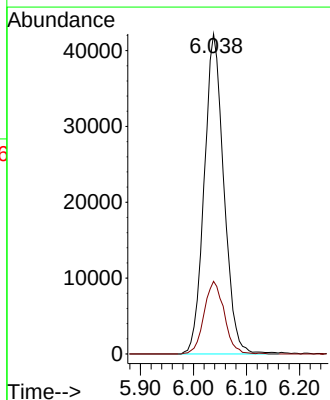
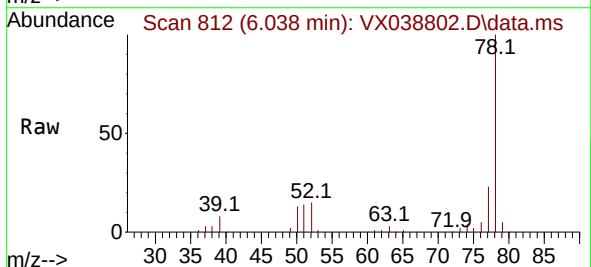
Manual Integrations
APPROVED

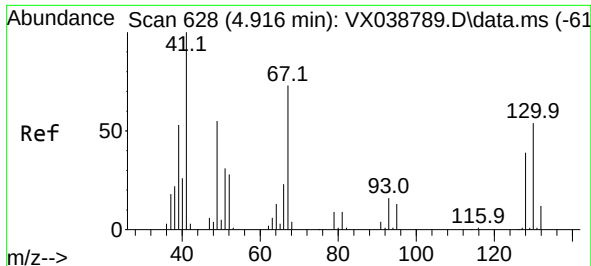
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#40
Benzene
Concen: 19.077 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

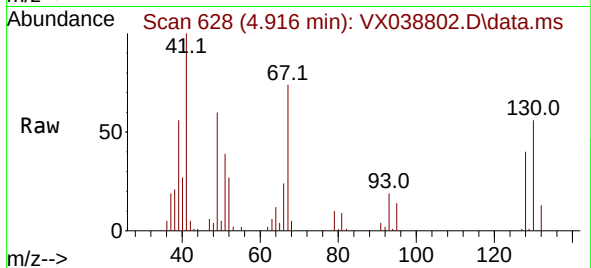
Tgt Ion: 78 Resp: 108542
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 19.973 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

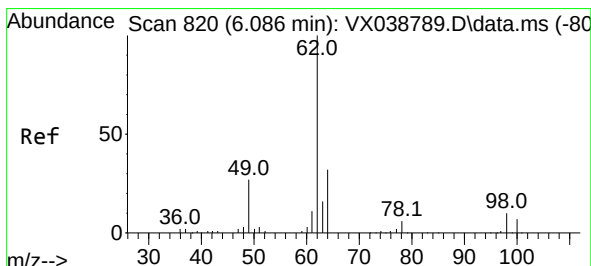
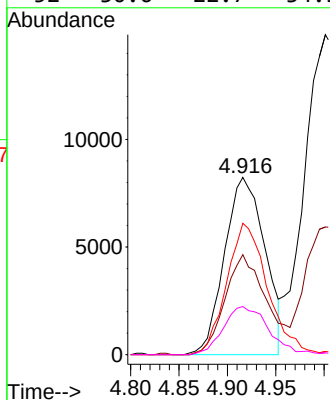
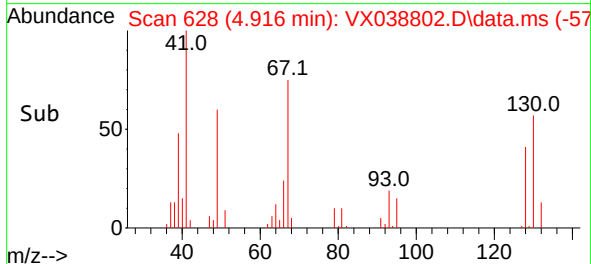
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 41	Resp: 2390
Ion Ratio	Lower Upper
41 100	
39 58.6	45.2 67.8
67 75.0	52.6 78.8
52 30.6	22.7 34.1

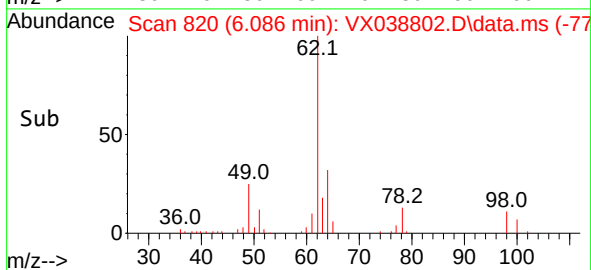
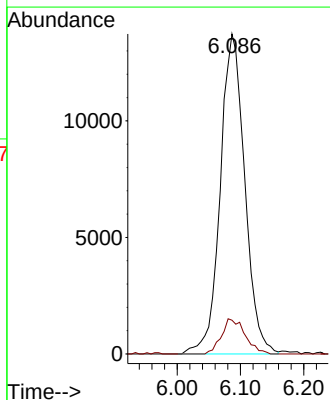
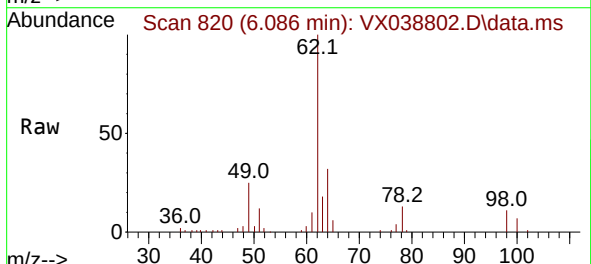
Manual Integrations
APPROVED

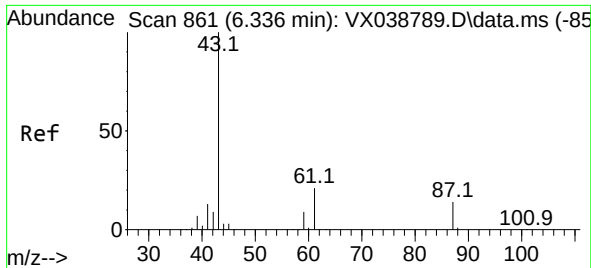
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#42
1,2-Dichloroethane
Concen: 19.034 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 62	Resp: 36929
Ion Ratio	Lower Upper
62 100	
98 10.6	0.0 16.0





#43

Isopropyl Acetate

Concen: 20.411 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

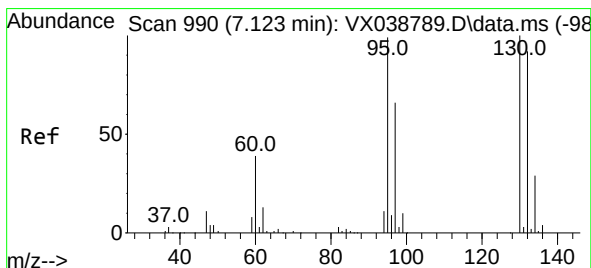
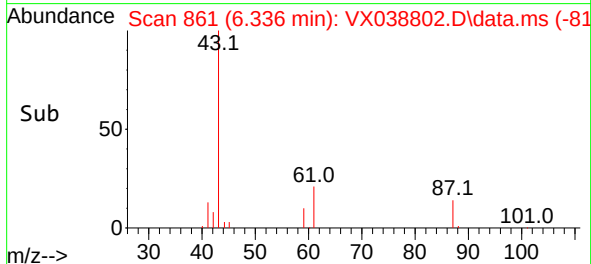
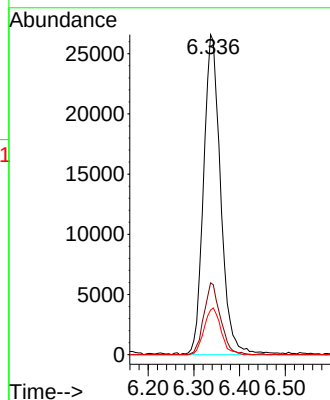
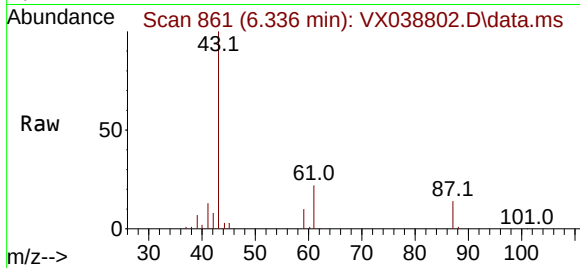
Tgt Ion: 43	Resp: 6907
Ion Ratio	Lower Upper
43 100	
61 21.6	15.2 22.8
87 14.4	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#44

Trichloroethene

Concen: 19.379 ug/l

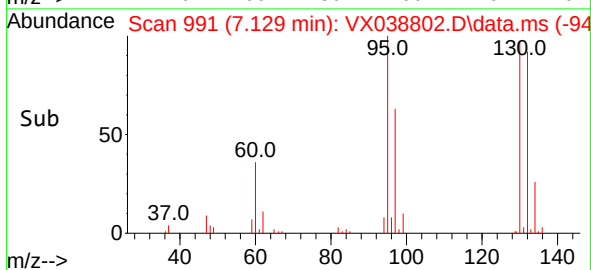
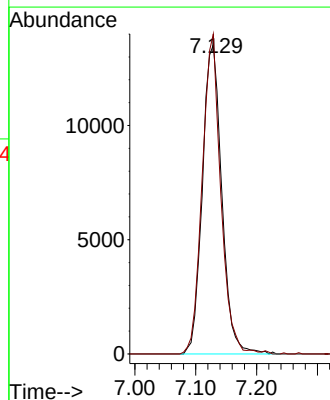
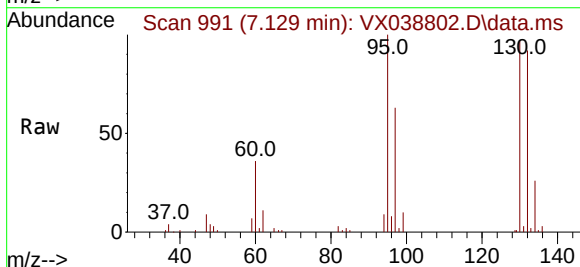
RT: 7.129 min Scan# 991

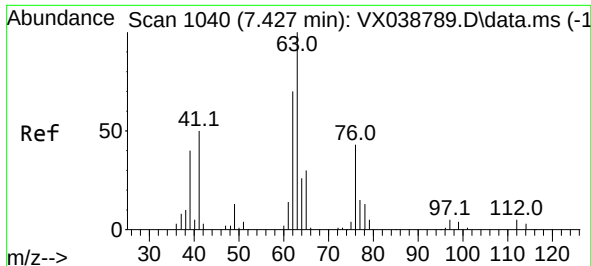
Delta R.T. 0.006 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Tgt Ion:130	Resp: 29995
Ion Ratio	Lower Upper
130 100	
95 103.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.815 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 63 Resp: 27949

Ion Ratio Lower Upper

63 100

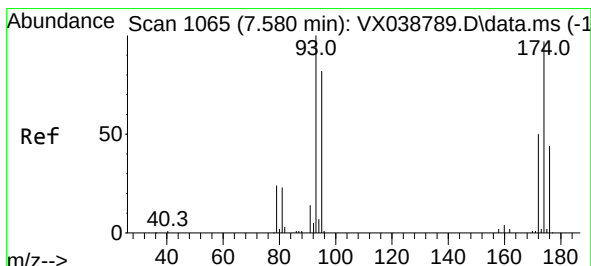
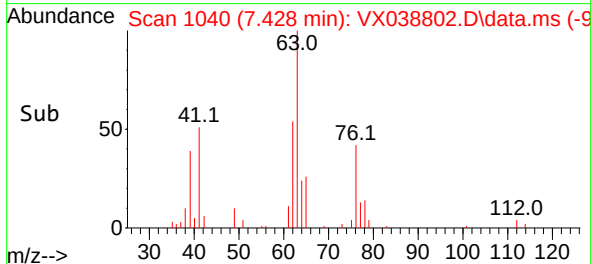
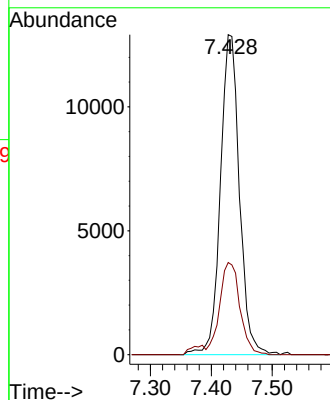
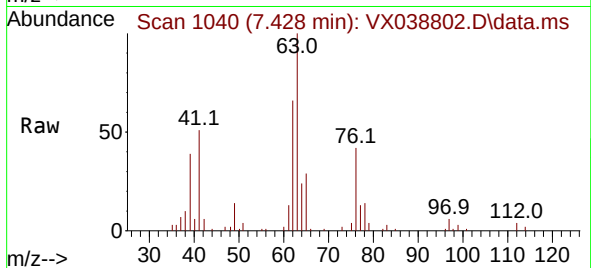
65 28.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 19.827 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

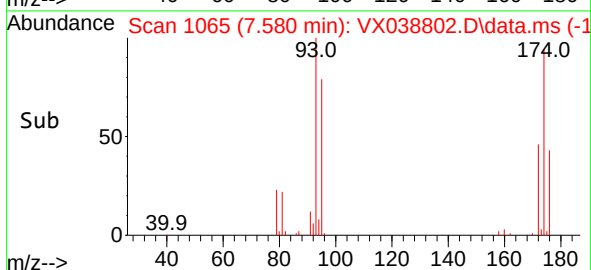
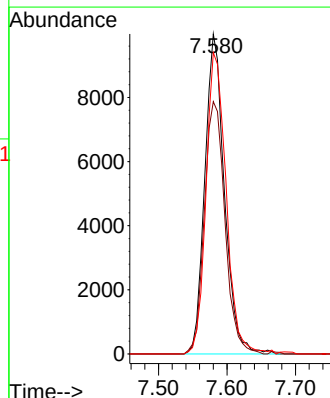
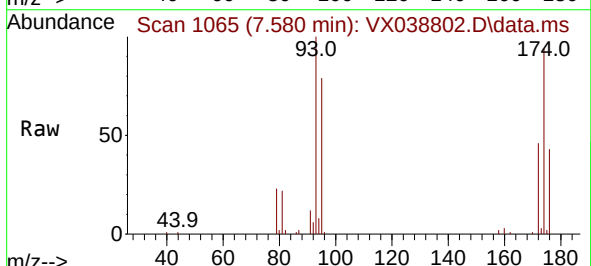
Tgt Ion: 93 Resp: 19860

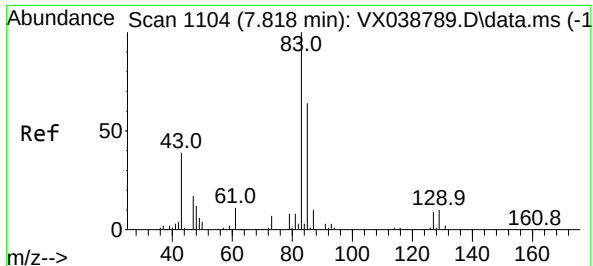
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 96.8 69.4 104.0





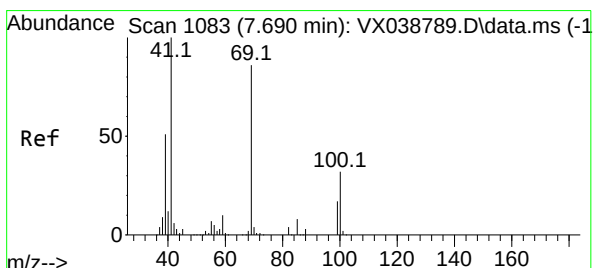
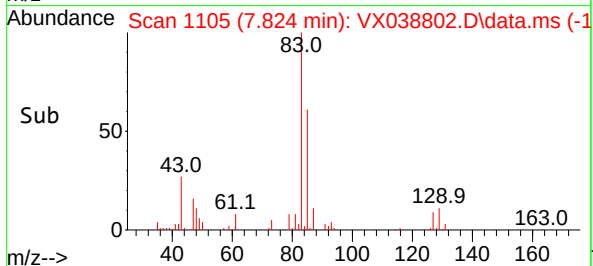
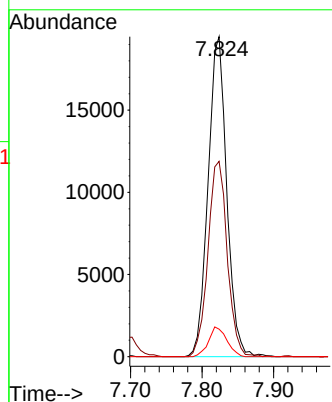
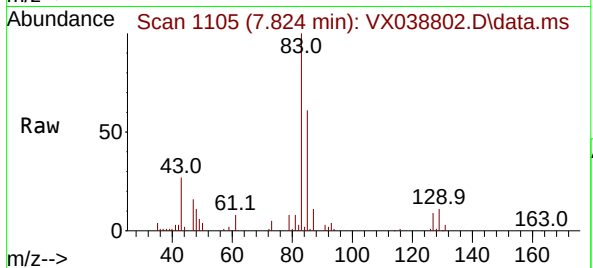
#47
Bromodichloromethane
Concen: 18.929 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 83 Resp: 3539
Ion Ratio Lower Upper
83 100
85 61.0 49.8 74.6
127 8.6 7.1 10.7

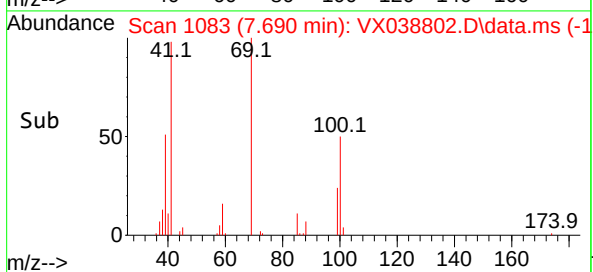
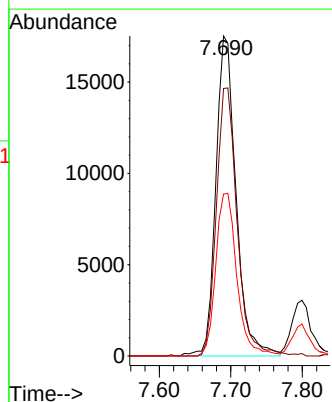
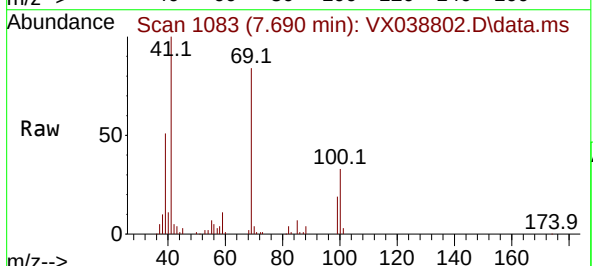
Manual Integrations
APPROVED

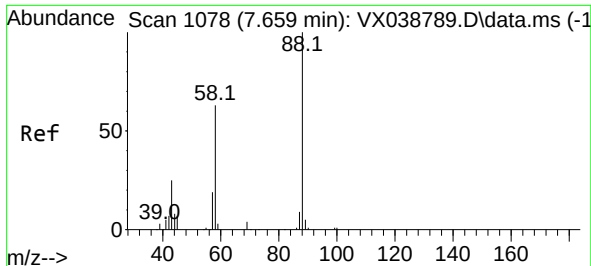
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#48
Methyl methacrylate
Concen: 20.779 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 41 Resp: 34418
Ion Ratio Lower Upper
41 100
69 85.8 59.2 88.8
39 53.0 47.7 71.5





#49

1,4-Dioxane

Concen: 395.072 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 88 Resp: 13304

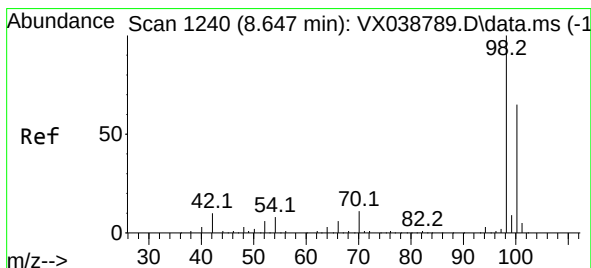
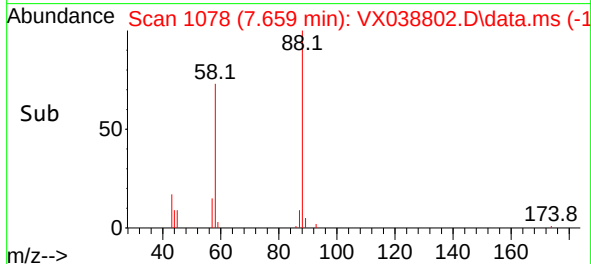
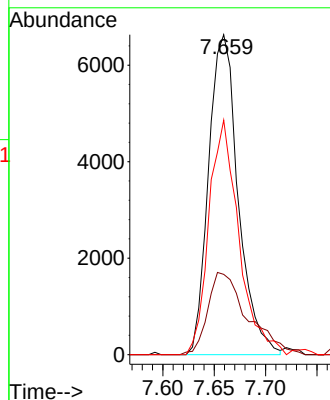
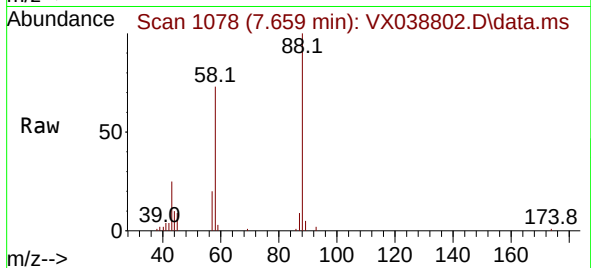
Ion	Ratio	Lower	Upper
88	100		
43	34.6	0.0	0.0
58	74.0	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#50

Toluene-d8

Concen: 49.787 ug/l

RT: 8.647 min Scan# 1240

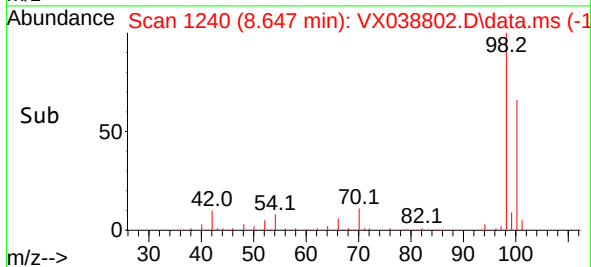
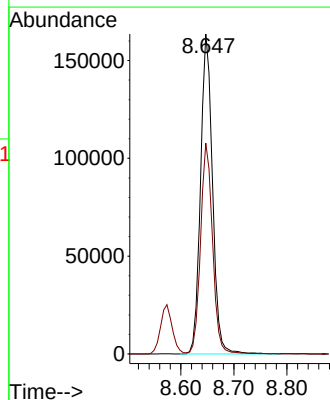
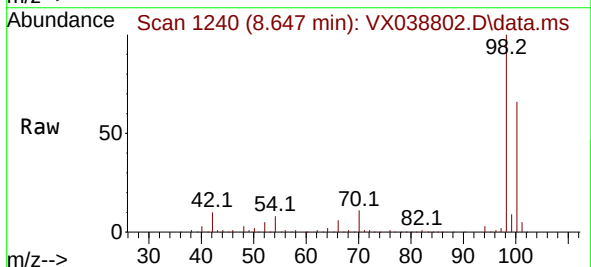
Delta R.T. 0.000 min

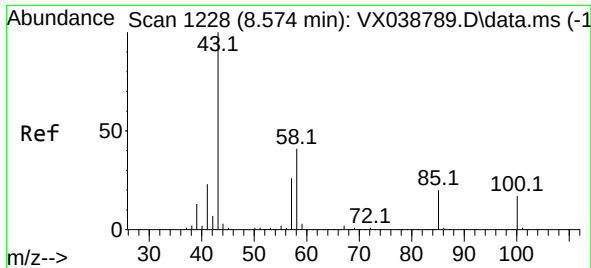
Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Tgt Ion: 98 Resp: 257007

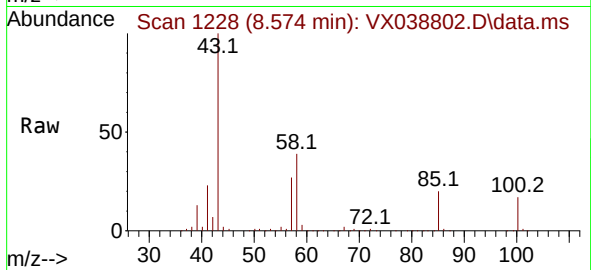
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 104.765 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

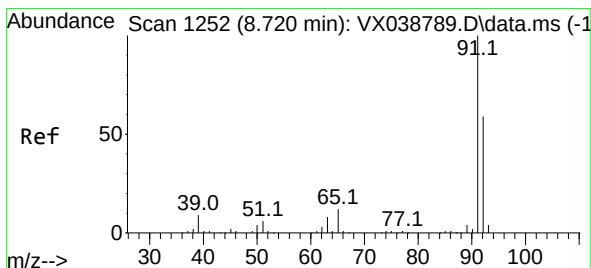
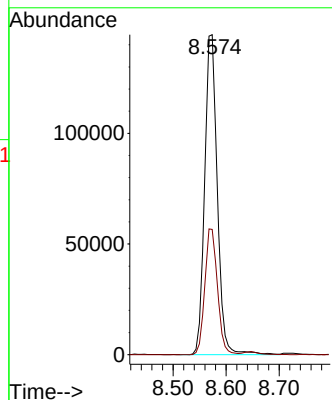
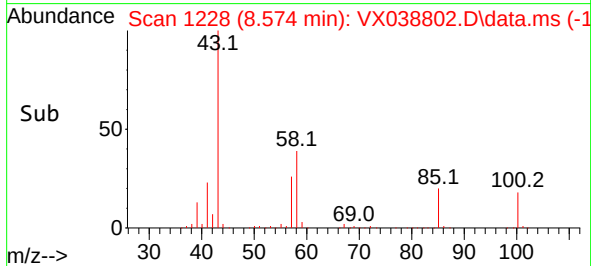
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 43 Resp: 239590
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

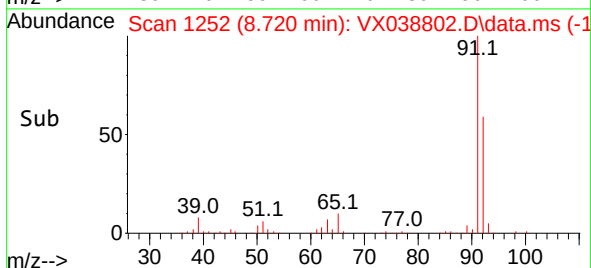
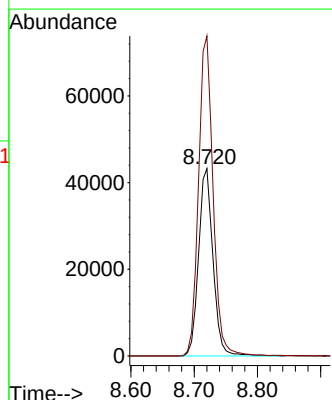
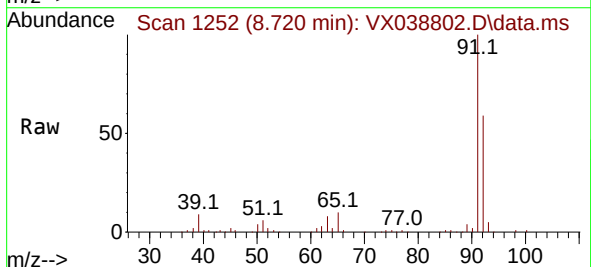
Manual Integrations
APPROVED

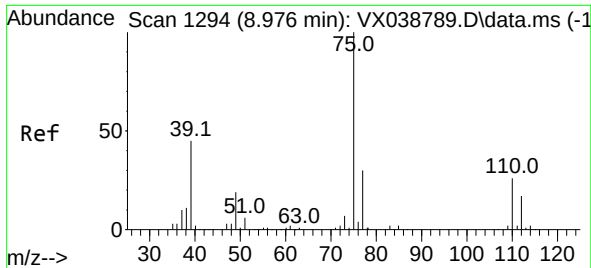
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 19.507 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

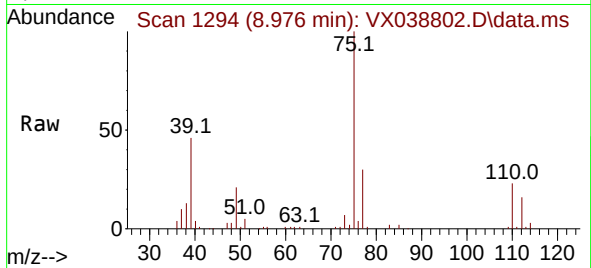
Tgt Ion: 92 Resp: 68566
Ion Ratio Lower Upper
92 100
91 172.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 20.274 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

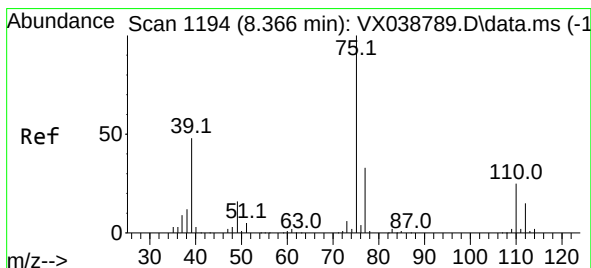
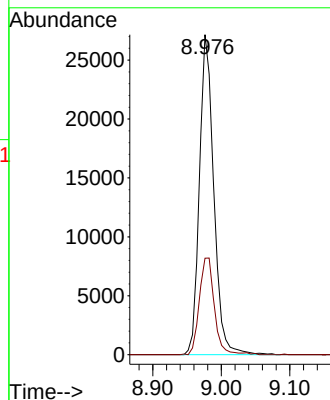
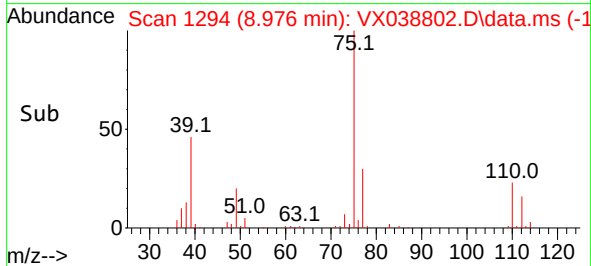
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 75 Resp: 39680
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5

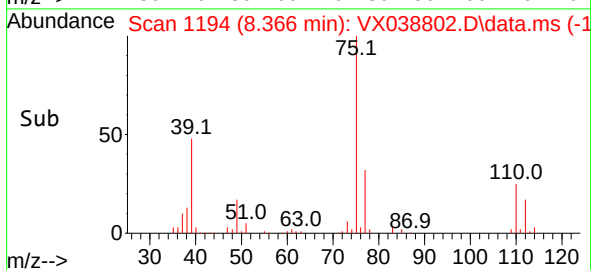
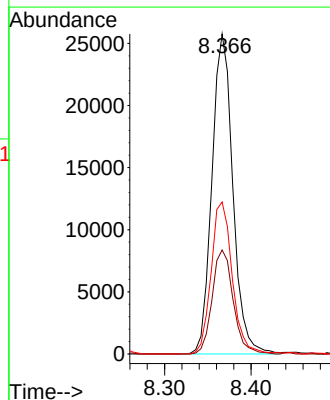
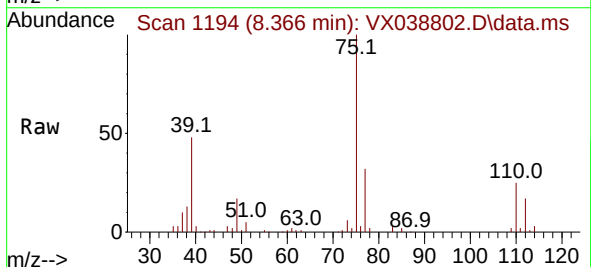
Manual Integrations
APPROVED

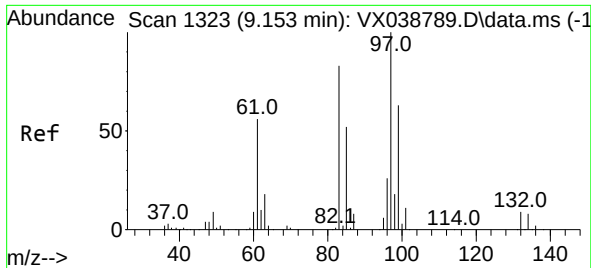
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.838 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

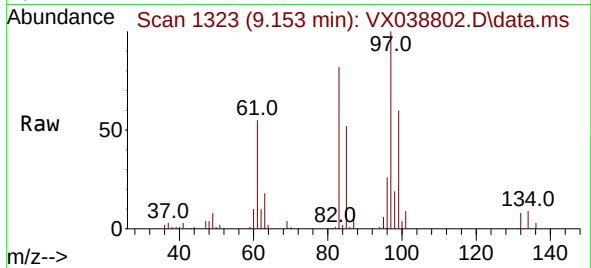
Tgt Ion: 75 Resp: 43221
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 47.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.518 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

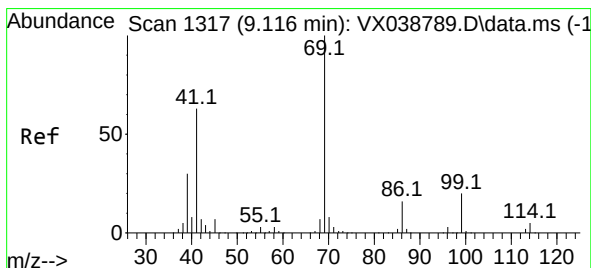
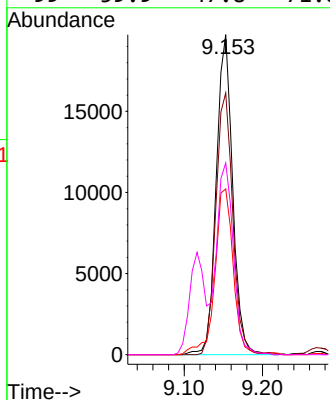
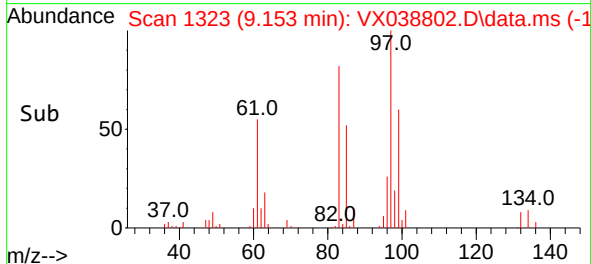
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



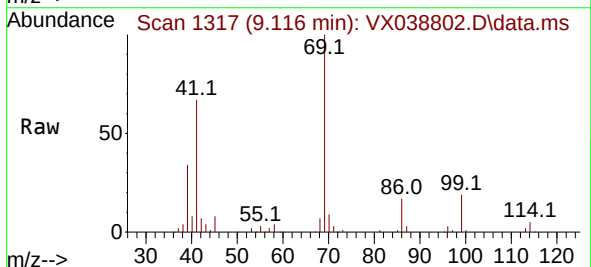
Tgt Ion: 97 Resp: 2873
Ion Ratio Lower Upper
97 100
83 81.8 65.8 98.8
85 51.8 41.6 62.4
99 59.9 47.8 71.8

Manual Integrations
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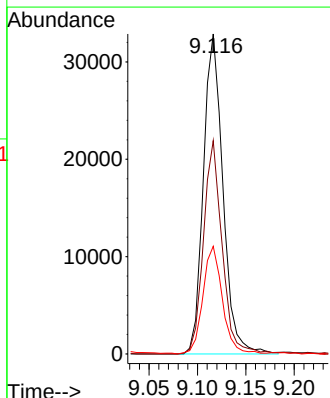
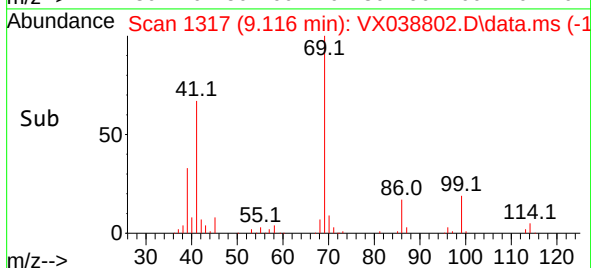
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

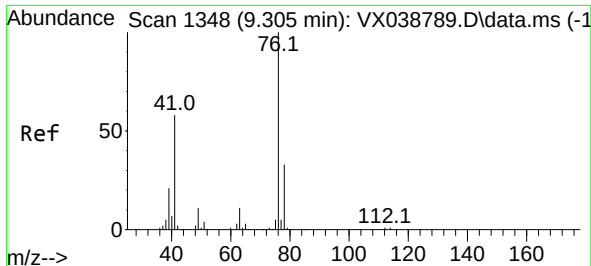


#56
Ethyl methacrylate
Concen: 20.278 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



Tgt Ion: 69 Resp: 46380
Ion Ratio Lower Upper
69 100
41 63.9 56.8 85.2
39 33.6 32.0 48.0





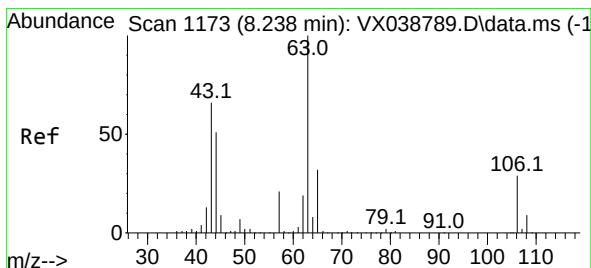
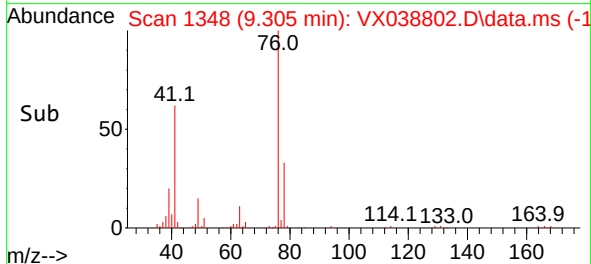
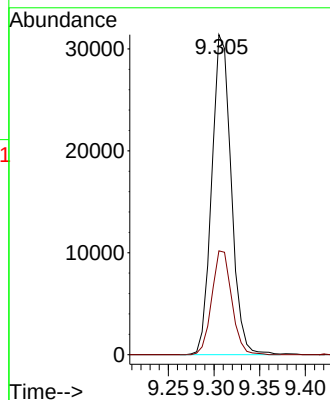
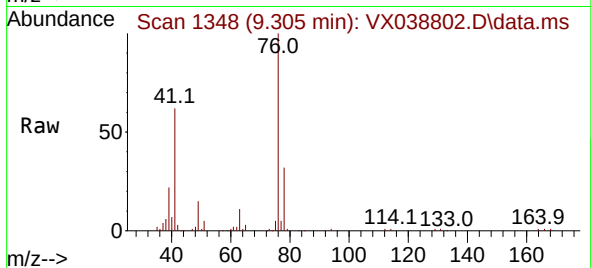
#57
1,3-Dichloropropane
Concen: 19.329 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 76 Resp: 4639
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

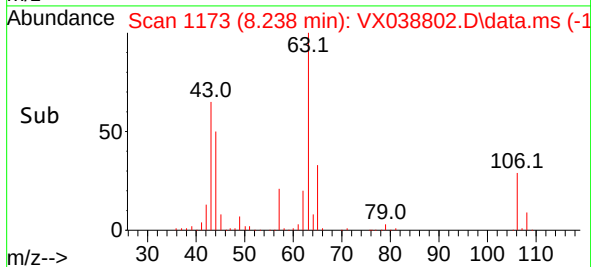
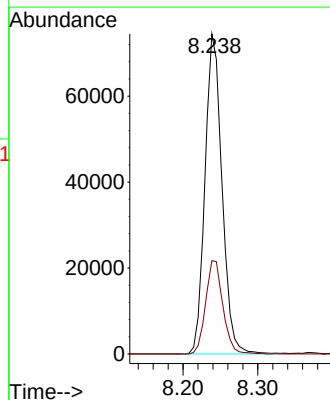
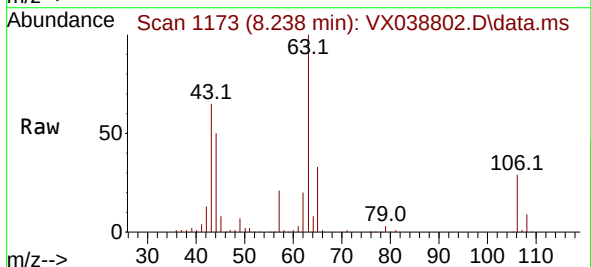
Manual Integrations
APPROVED

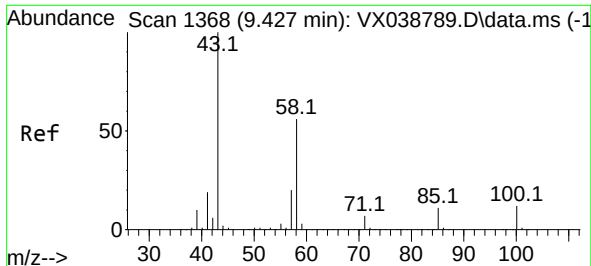
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 106.962 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 63 Resp: 117808
Ion Ratio Lower Upper
63 100
106 29.5 22.5 33.7





#59

2-Hexanone

Concen: 104.456 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 43 Resp: 19250

Ion Ratio Lower Upper

43 100

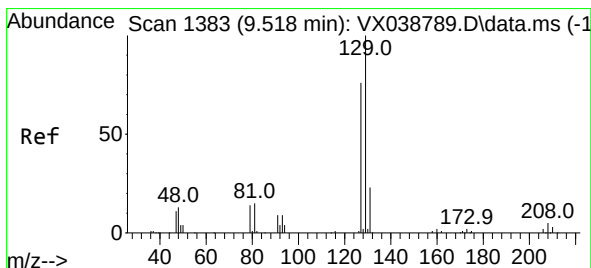
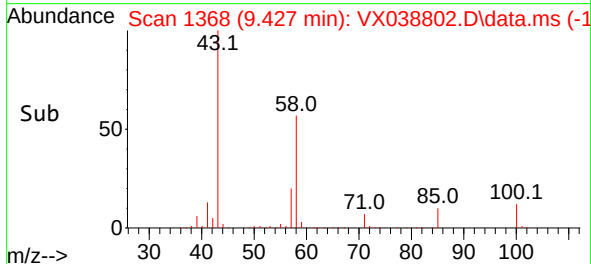
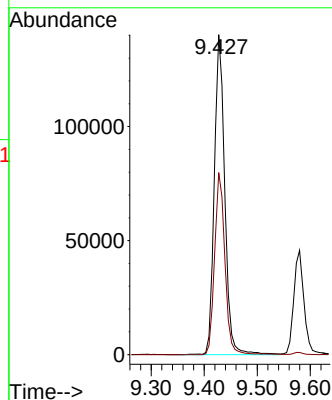
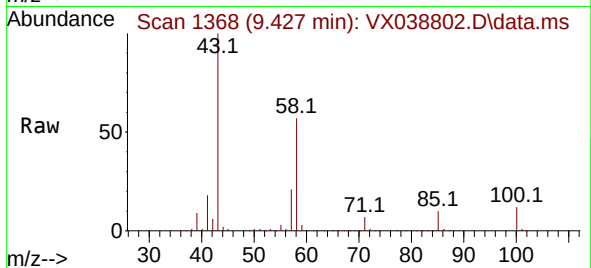
58 56.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#60

Dibromochloromethane

Concen: 19.953 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038802.D

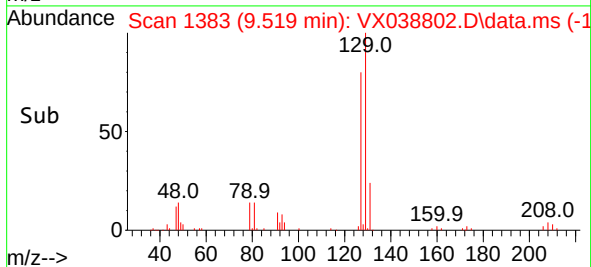
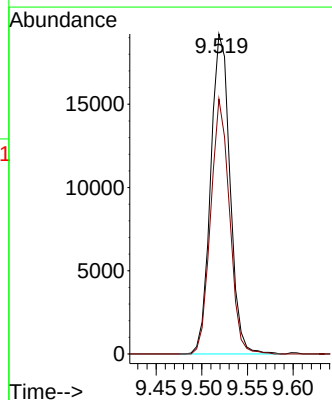
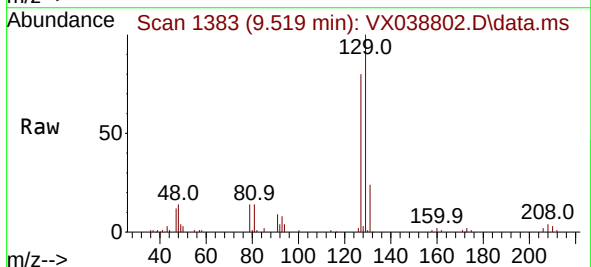
Acq: 14 Nov 2023 13:40

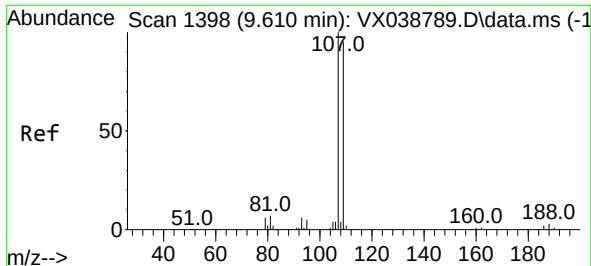
Tgt Ion:129 Resp: 28238

Ion Ratio Lower Upper

129 100

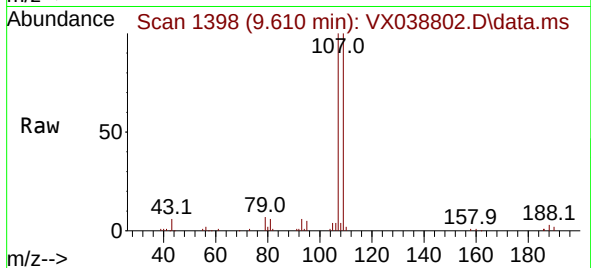
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.687 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

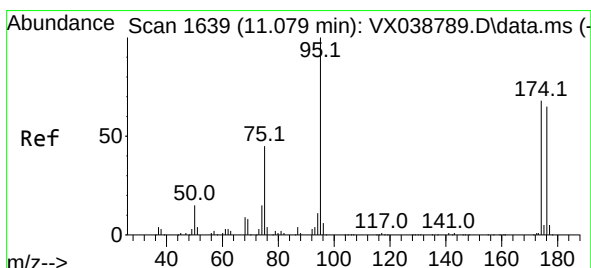
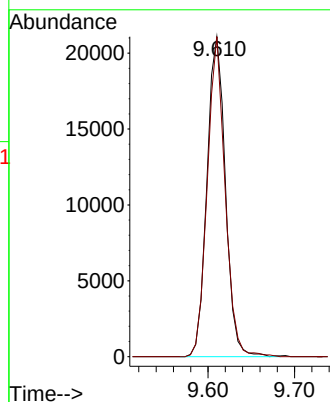
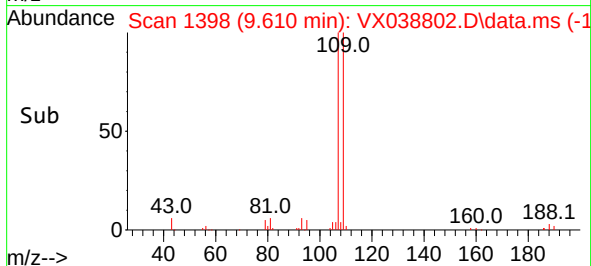
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



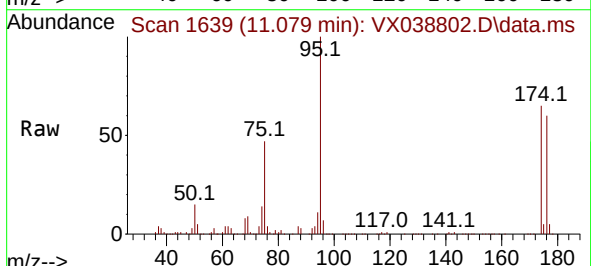
Tgt Ion:107 Resp: 3119
Ion Ratio Lower Upper
107 100
109 96.6 75.2 112.8

Manual Integrations
APPROVED

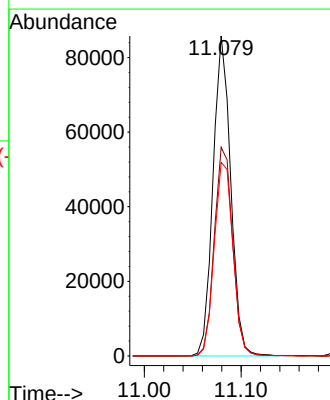
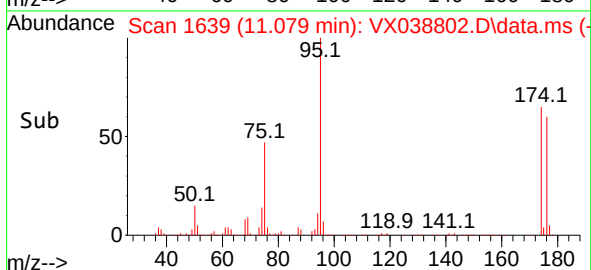
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

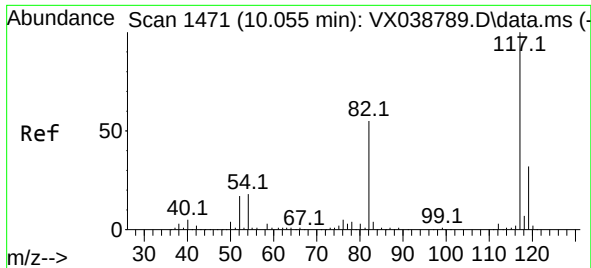


#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



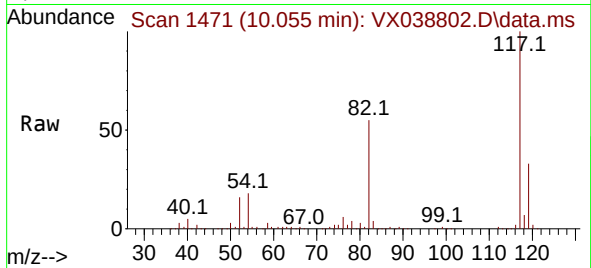
Tgt Ion: 95 Resp: 108872
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 64.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

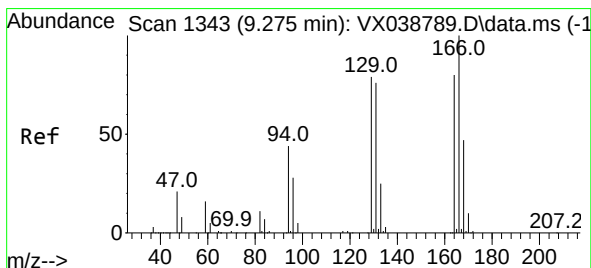
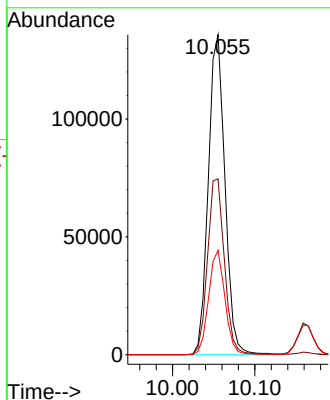
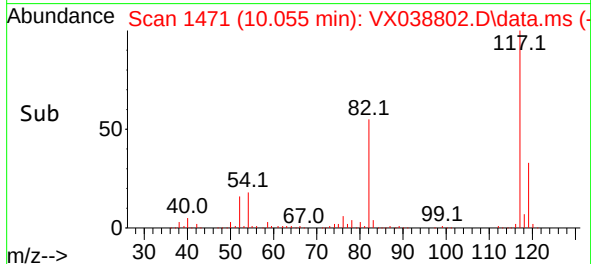
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion:117 Resp: 190782
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.6 25.5 38.3

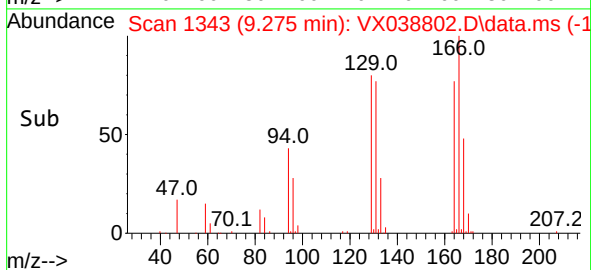
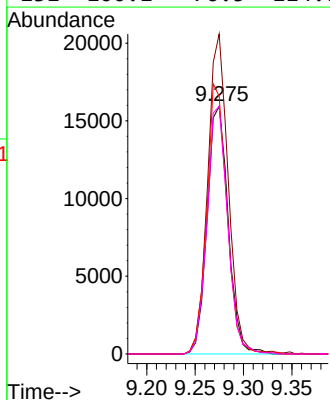
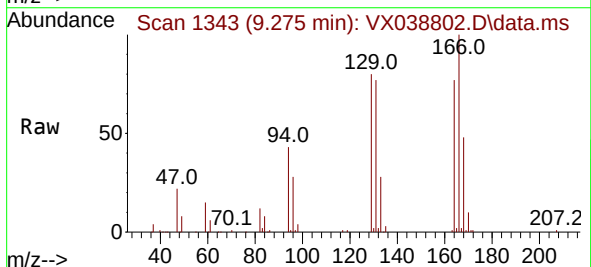
Manual Integrations
APPROVED

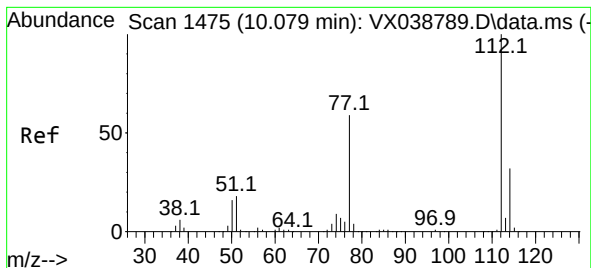
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 19.773 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

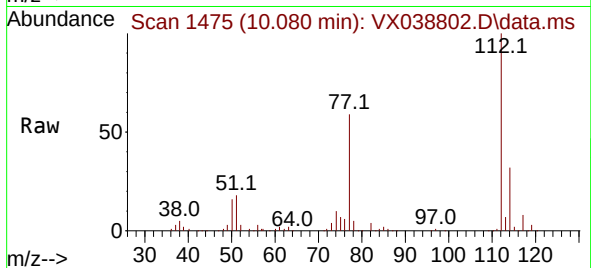
Tgt Ion:164 Resp: 24095
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 104.0 80.4 120.6
131 100.1 76.5 114.7





#65
Chlorobenzene
Concen: 19.191 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

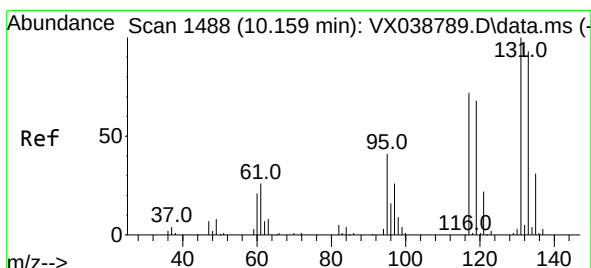
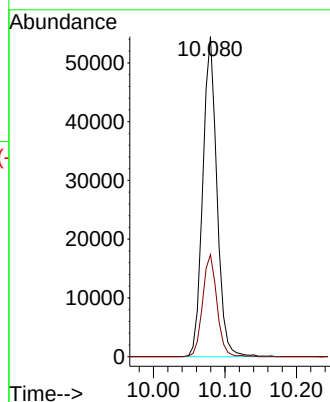
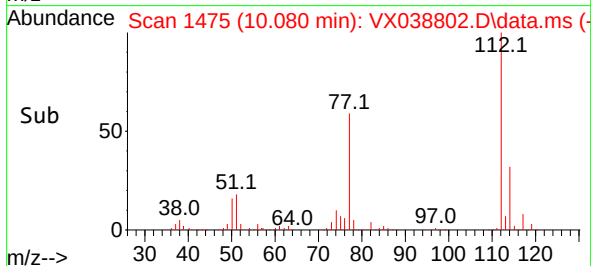
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



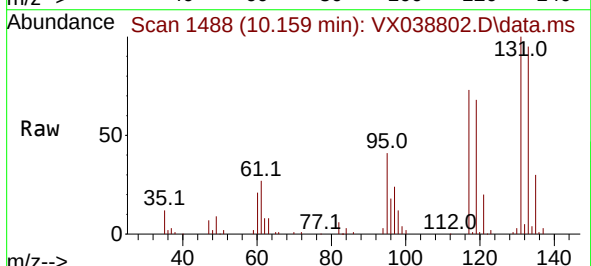
Tgt Ion:112 Resp: 7485
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

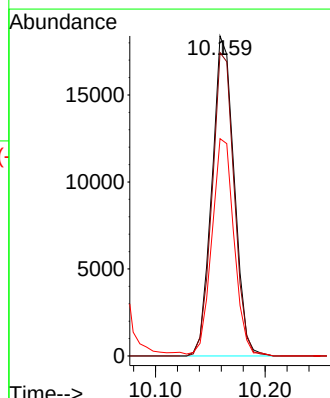
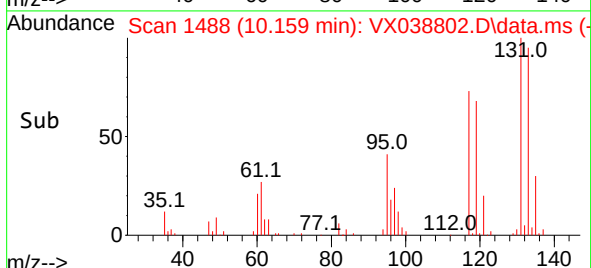
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

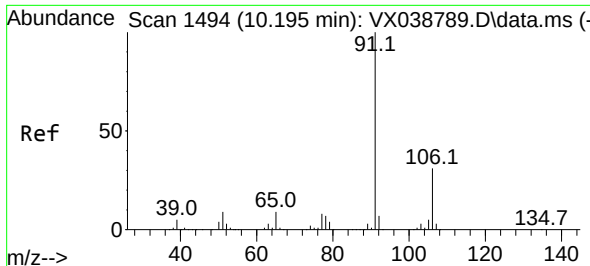


#66
1,1,1,2-Tetrachloroethane
Concen: 19.453 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



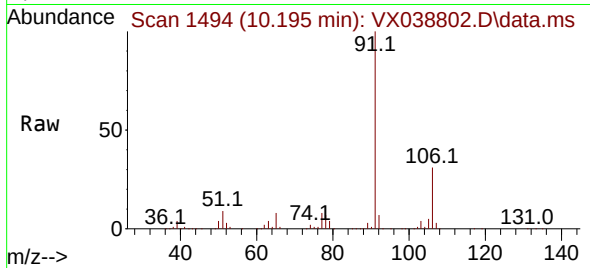
Tgt Ion:131 Resp: 25944
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 67.9 32.2 96.6





#67
Ethyl Benzene
Concen: 19.270 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

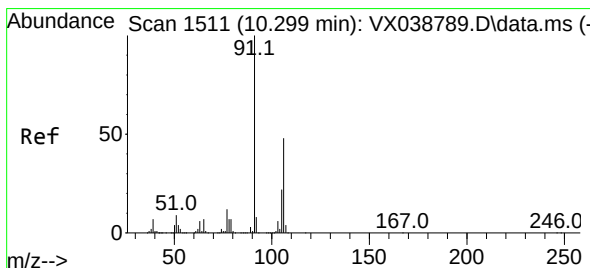
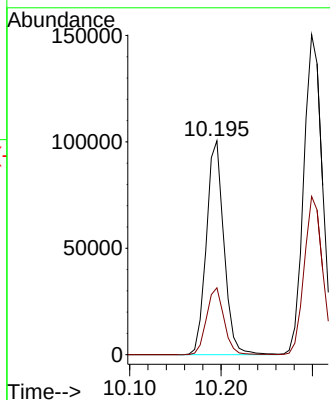
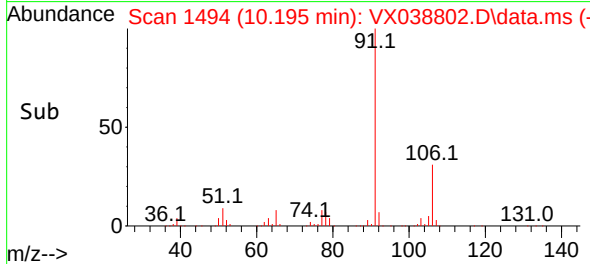
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



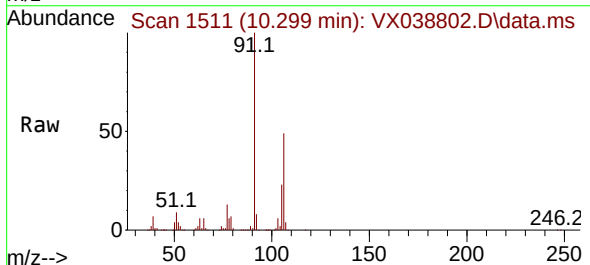
Tgt Ion: 91 Resp: 13363
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

Manual Integrations
APPROVED

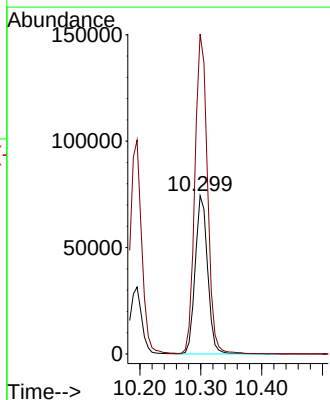
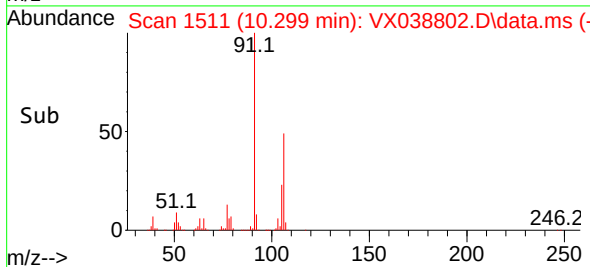
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

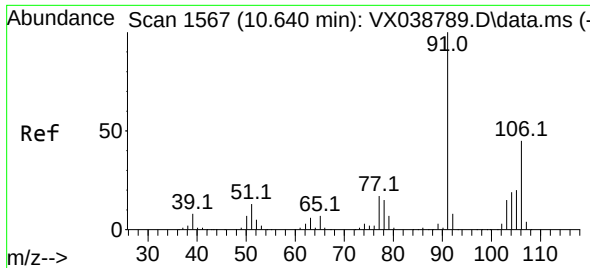


#68
m/p-Xylenes
Concen: 39.747 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



Tgt Ion:106 Resp: 105113
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3





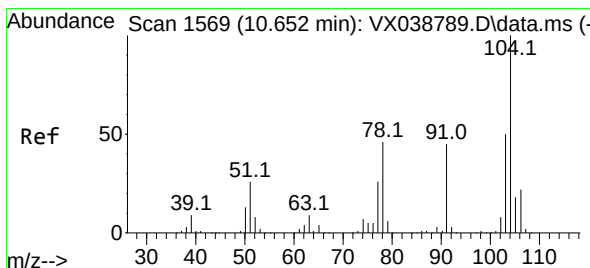
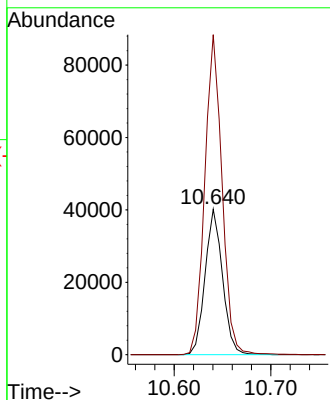
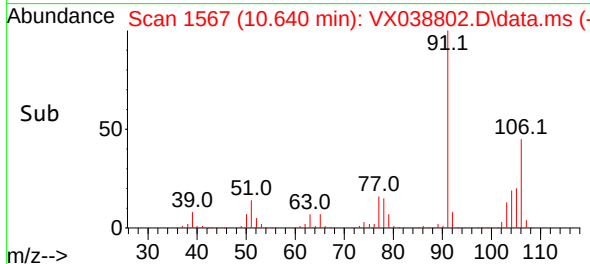
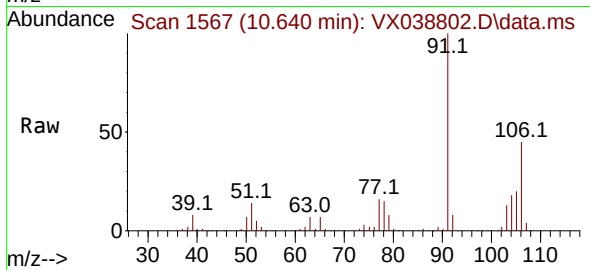
#69
o-Xylene
Concen: 19.694 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion:106 Resp: 50539
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.8

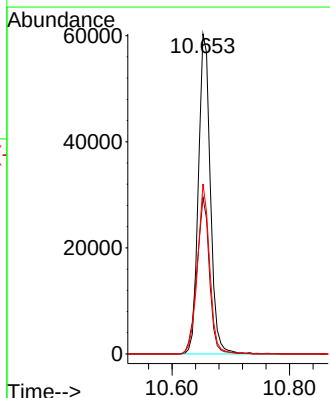
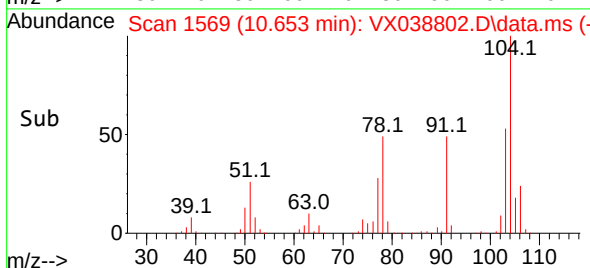
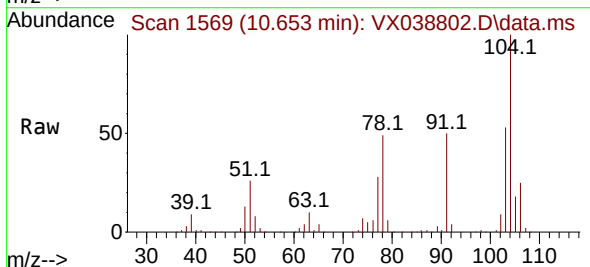
Manual Integrations
APPROVED

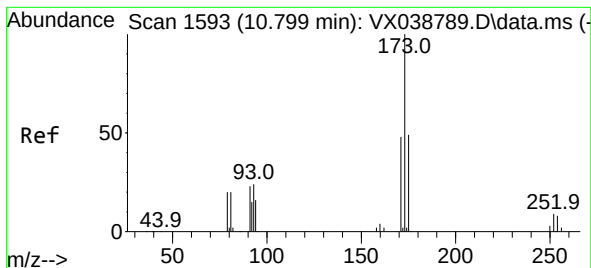
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 19.910 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

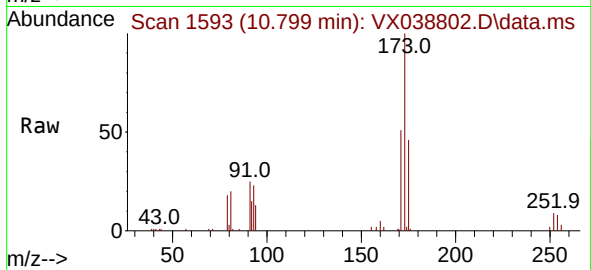
Tgt Ion:104 Resp: 85481
Ion Ratio Lower Upper
104 100
78 51.6 43.6 65.4
103 54.0 43.6 65.4





#71
Bromoform
Concen: 19.254 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

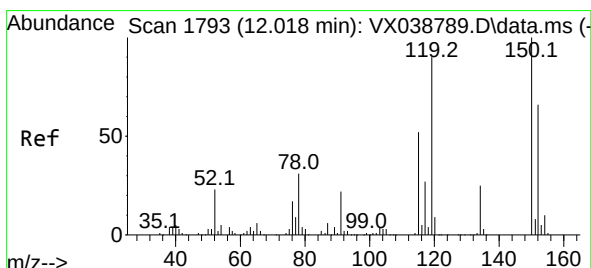
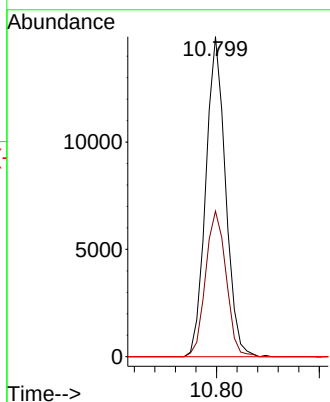
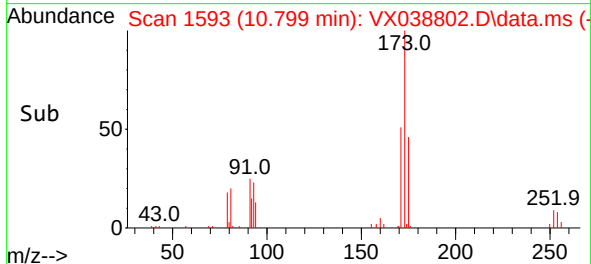
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



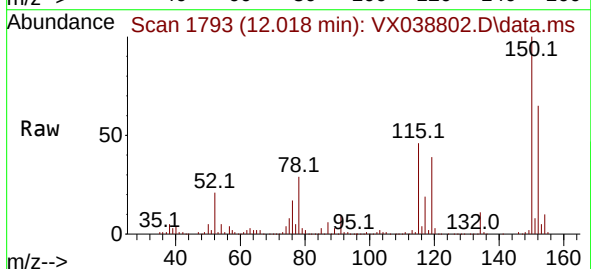
Tgt Ion:173 Resp: 1990
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

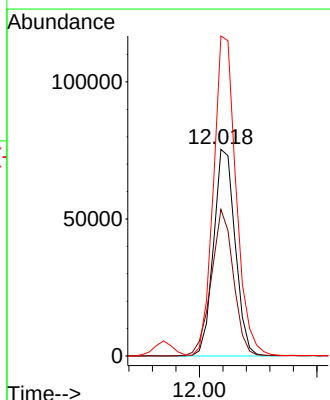
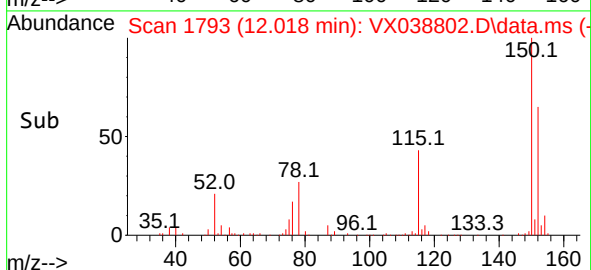
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

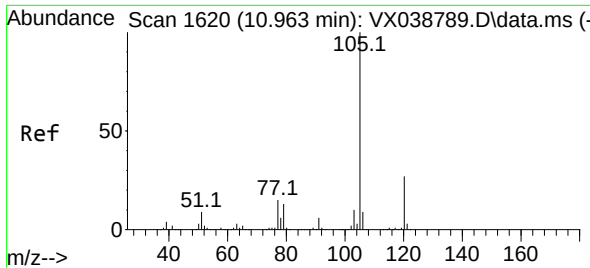


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



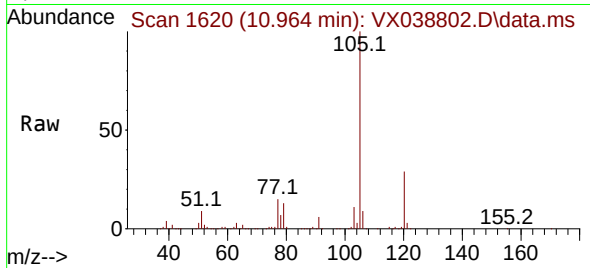
Tgt Ion:152 Resp: 96543
Ion Ratio Lower Upper
152 100
115 72.8 43.3 129.9
150 161.7 0.0 345.0





#73
Isopropylbenzene
Concen: 19.656 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

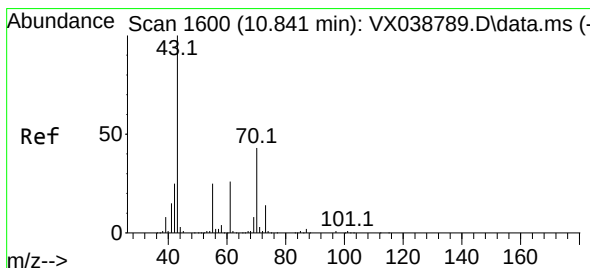
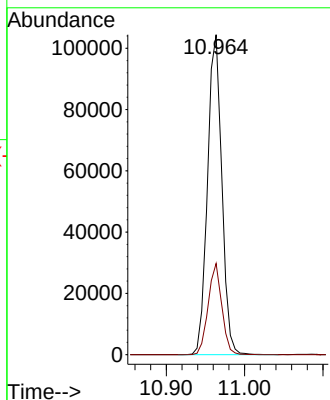
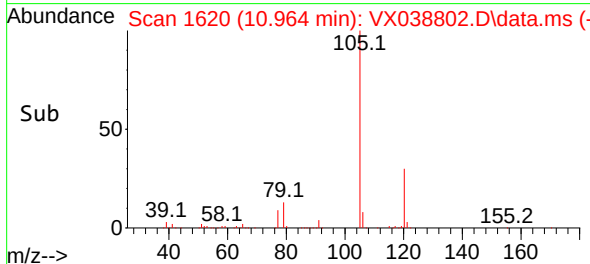
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion:105 Resp: 13197
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6

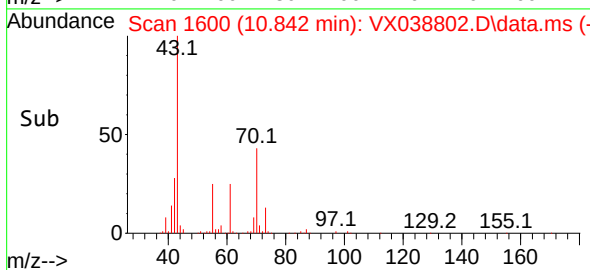
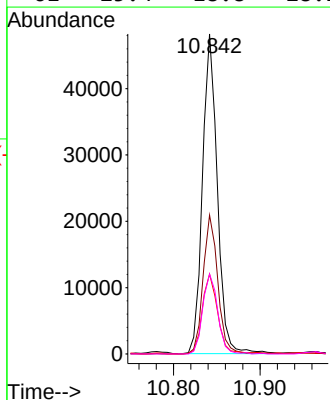
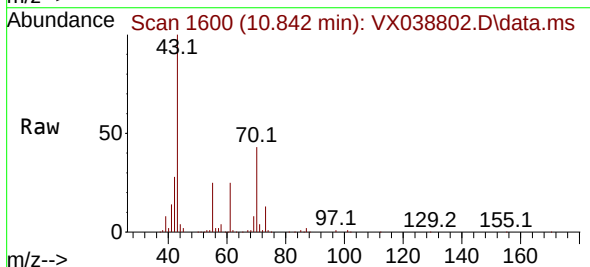
Manual Integrations
APPROVED

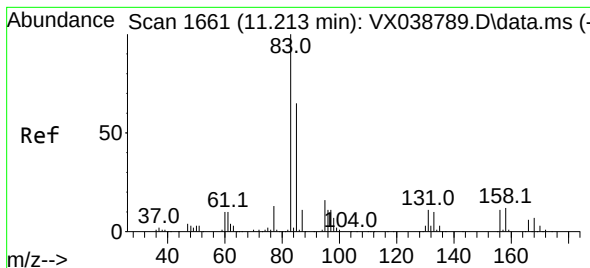
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#74
N-ethyl acetate
Concen: 20.526 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 43 Resp: 57230
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 26.3 19.3 28.9
61 25.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.436 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tgt Ion: 83 Resp: 4722

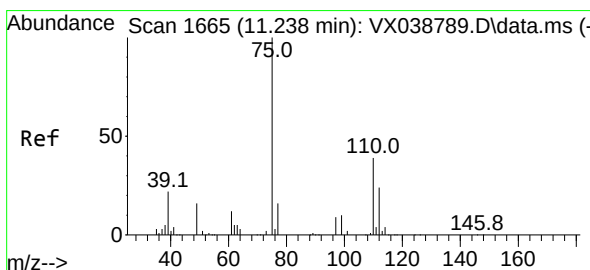
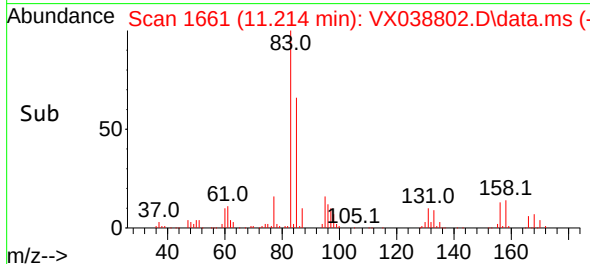
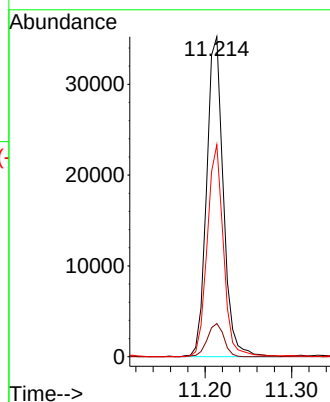
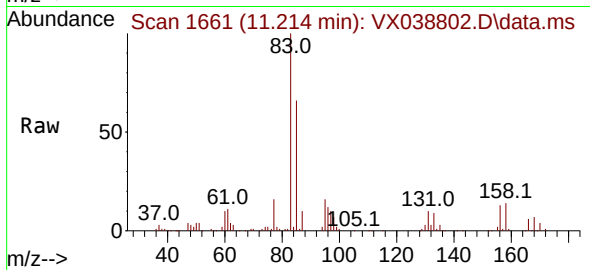
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.8
85	64.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#76

1,2,3-Trichloropropane

Concen: 19.394 ug/l m

RT: 11.238 min Scan# 1665

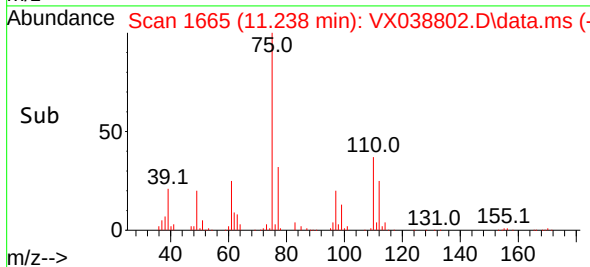
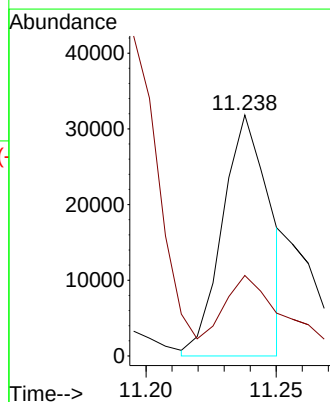
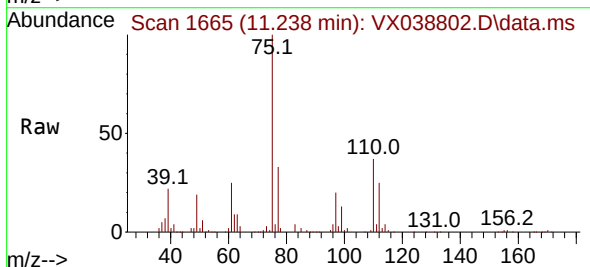
Delta R.T. 0.000 min

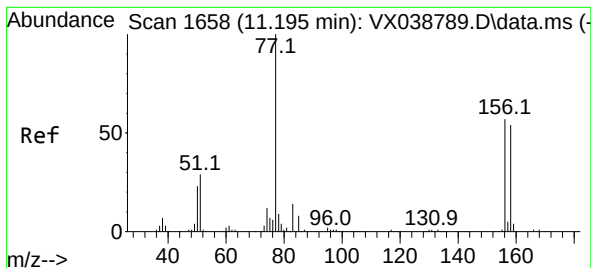
Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Tgt Ion: 75 Resp: 39979

Ion	Ratio	Lower	Upper
75	100		
77	44.8	19.1	57.5





#77

Bromobenzene

Concen: 20.075 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

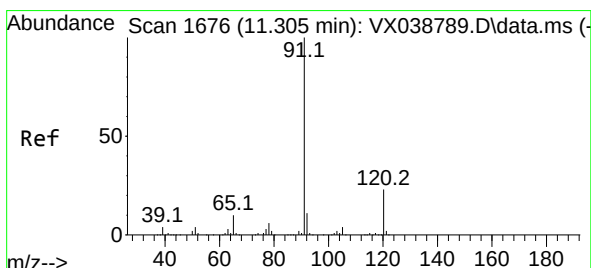
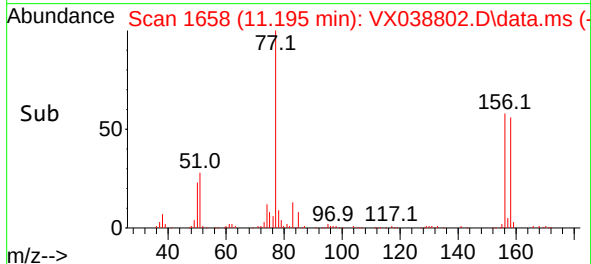
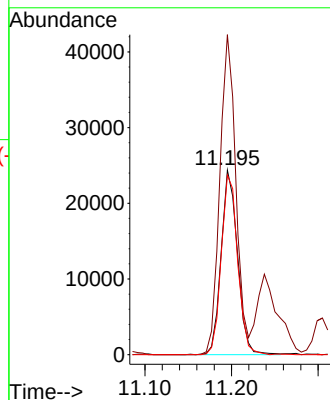
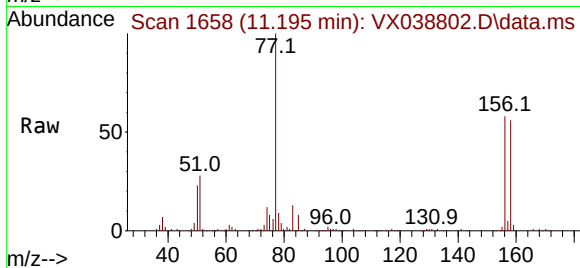
Tgt Ion:	156	Resp:	32079
Ion Ratio	Lower	Upper	
156	100		
77	169.1	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#78

n-propylbenzene

Concen: 19.776 ug/l

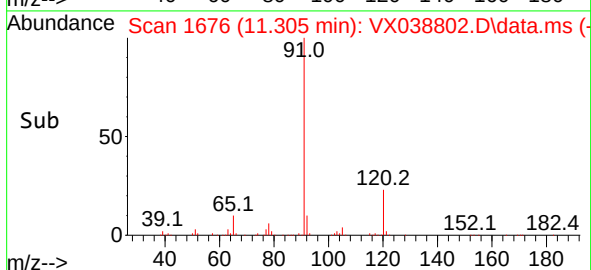
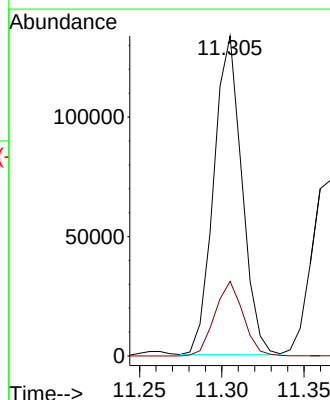
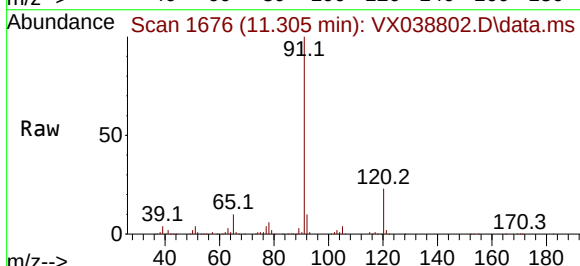
RT: 11.305 min Scan# 1676

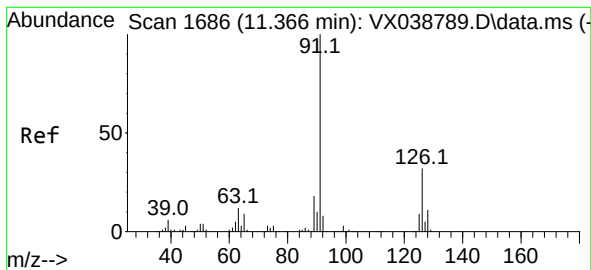
Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Tgt Ion:	91	Resp:	158812
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





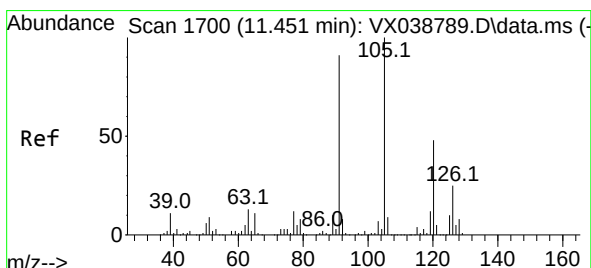
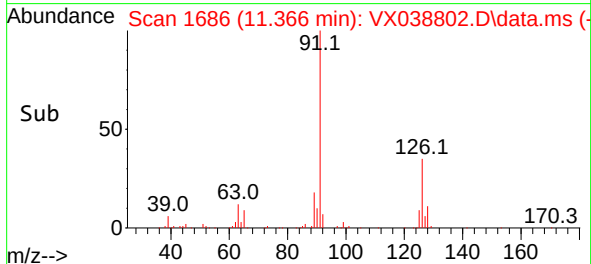
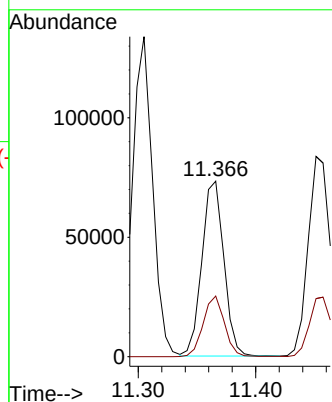
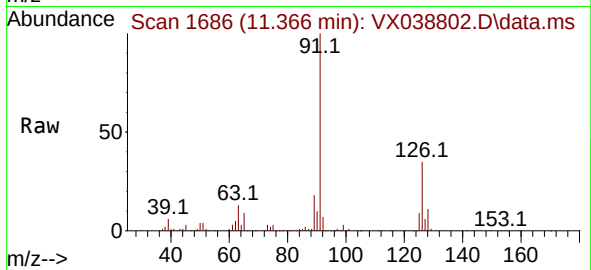
#79
2-Chlorotoluene
Concen: 19.332 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion: 91 Resp: 95192
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

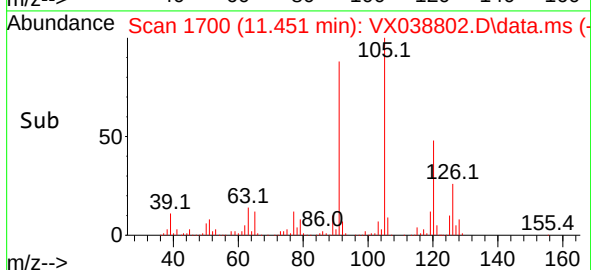
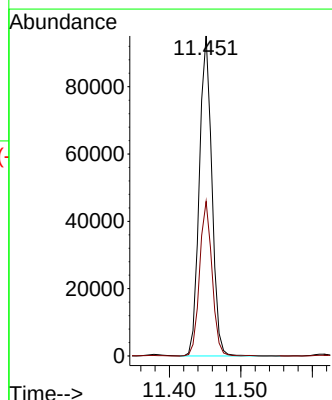
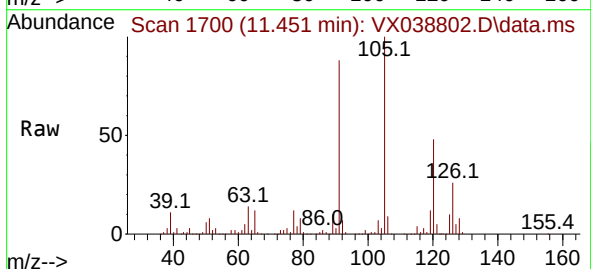
Manual Integrations
APPROVED

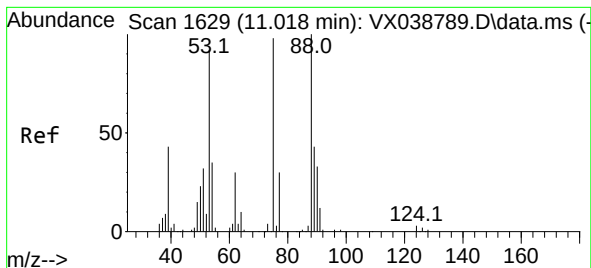
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.029 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

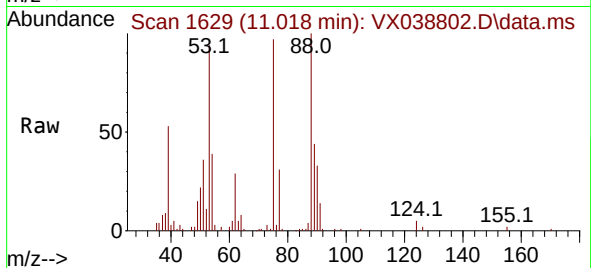
Tgt Ion:105 Resp: 115580
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.698 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

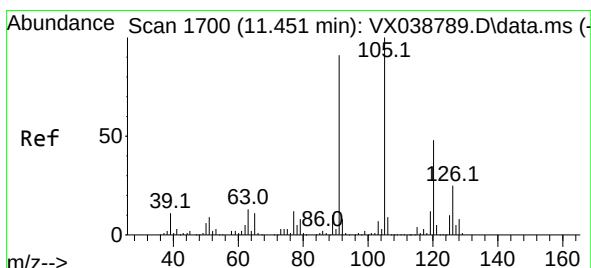
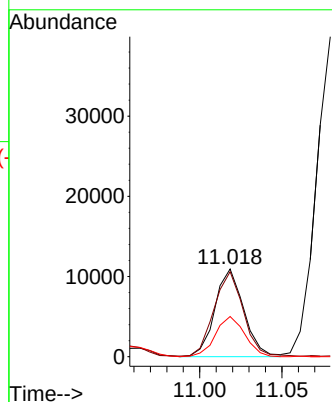
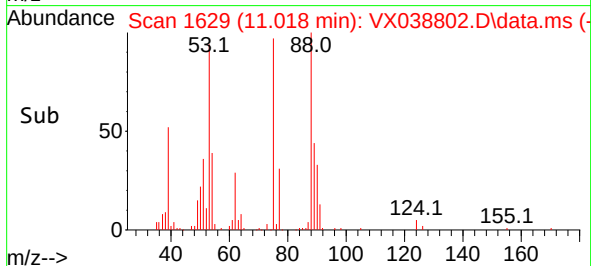
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 75 Resp: 13414
Ion Ratio Lower Upper
75 100
53 97.1 90.5 135.7
89 46.3 36.9 55.3

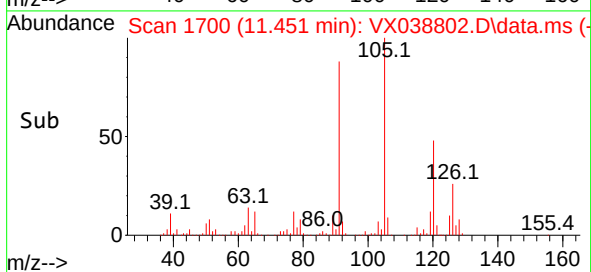
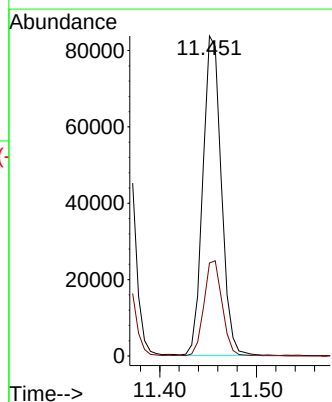
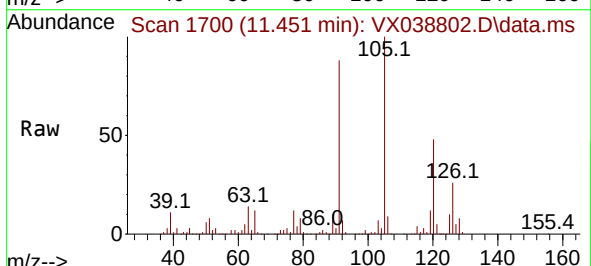
Manual Integrations
APPROVED

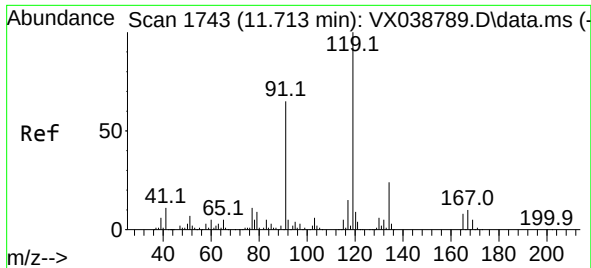
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#82
4-Chlorotoluene
Concen: 19.624 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

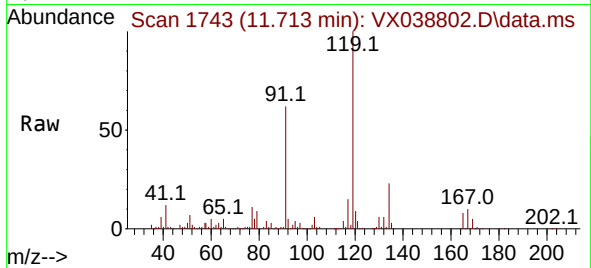
Tgt Ion: 91 Resp: 111244
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.806 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

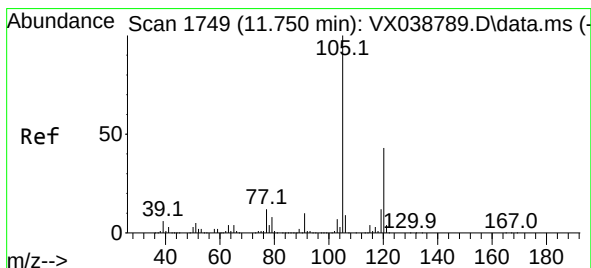
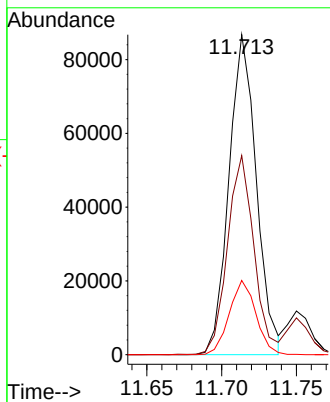
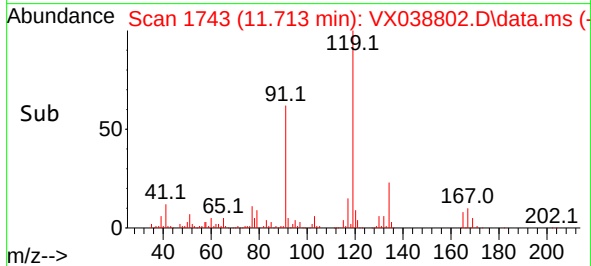
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



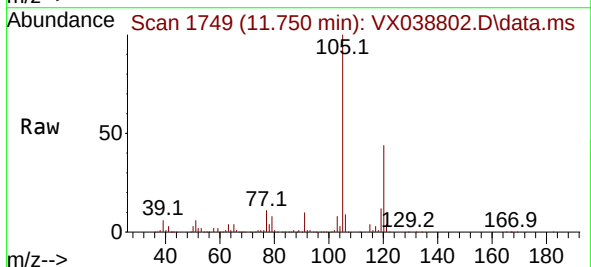
Tgt Ion:119 Resp: 11072
Ion Ratio Lower Upper
119 100
91 60.4 31.2 93.6
134 22.5 11.7 35.0

Manual Integrations
APPROVED

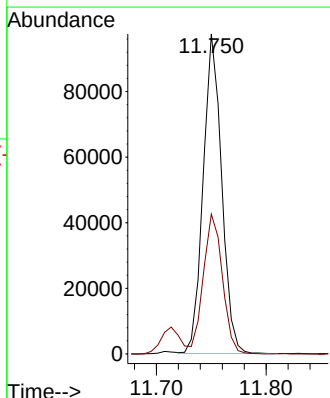
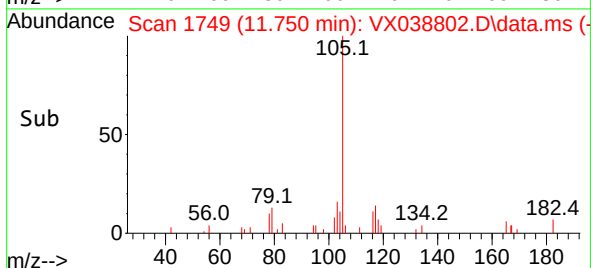
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

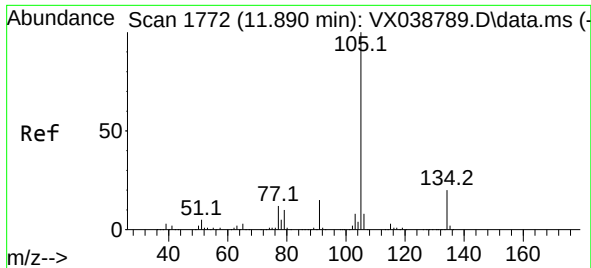


#84
1,2,4-Trimethylbenzene
Concen: 19.675 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40



Tgt Ion:105 Resp: 113992
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





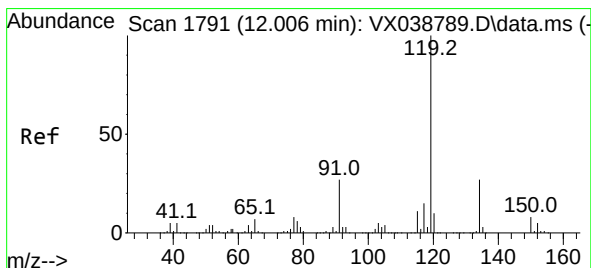
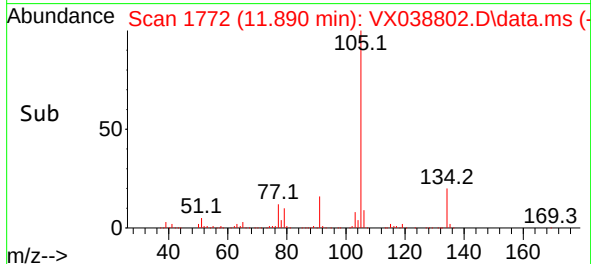
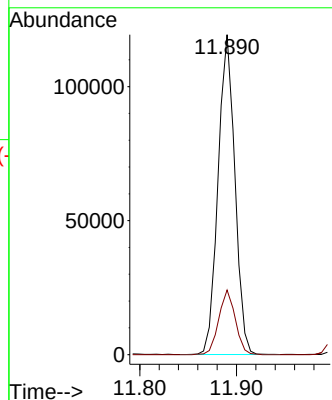
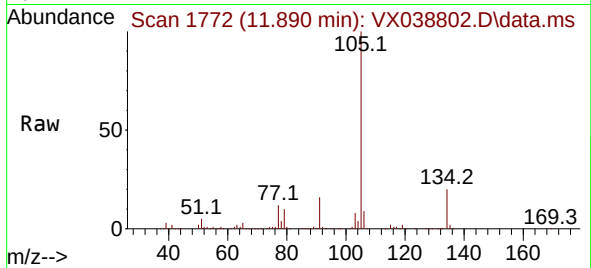
#85
 sec-Butylbenzene
 Concen: 19.840 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tgt Ion:105 Resp: 14369
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

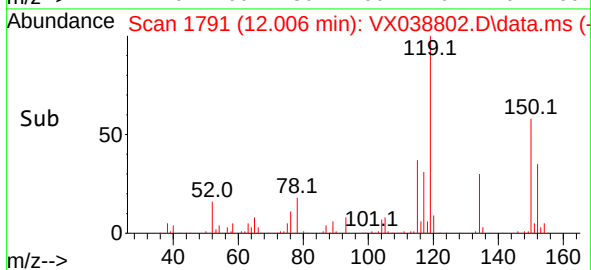
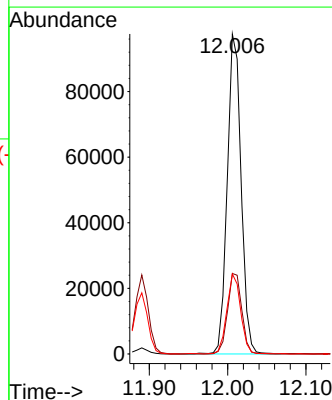
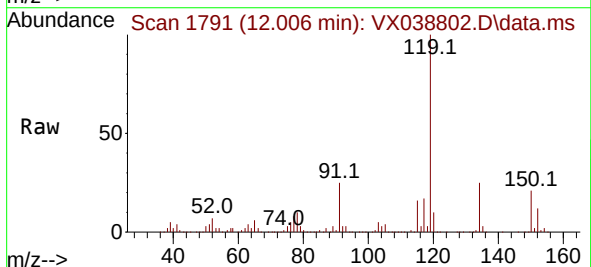
Manual Integrations
 APPROVED

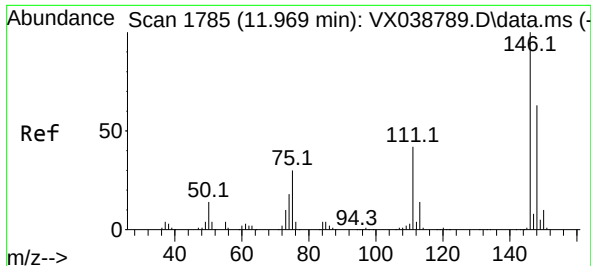
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 20.338 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038802.D
 Acq: 14 Nov 2023 13:40

Tgt Ion:119 Resp: 120089
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.435 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038802.D

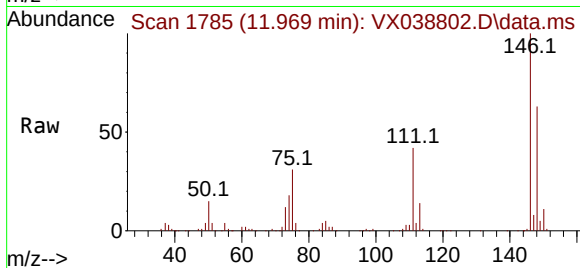
Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01



Tgt Ion:146 Resp: 6251

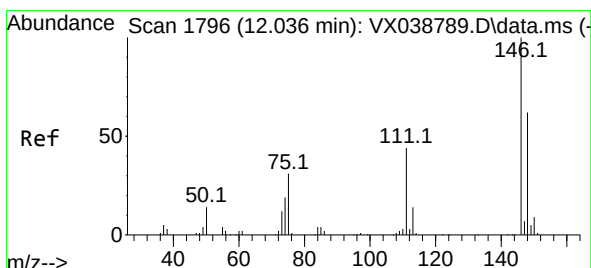
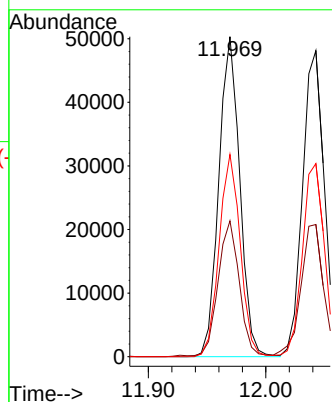
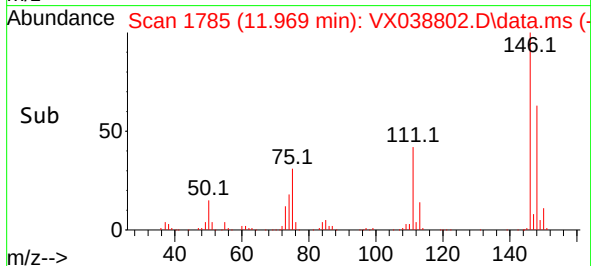
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#88

1,4-Dichlorobenzene

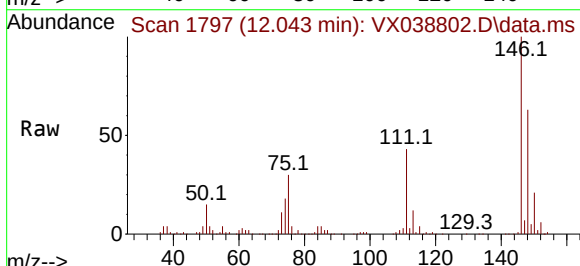
Concen: 19.168 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

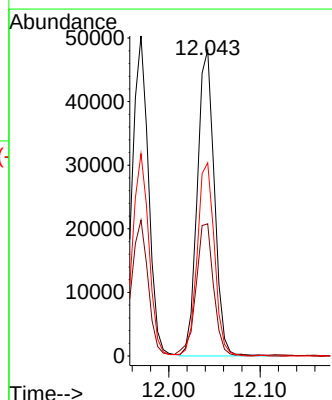
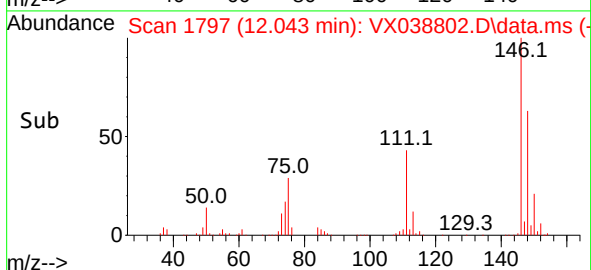
Lab File: VX038802.D

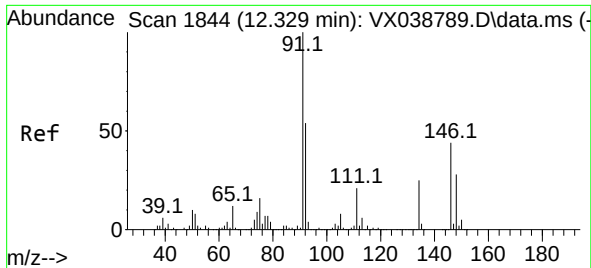
Acq: 14 Nov 2023 13:40



Tgt Ion:146 Resp: 62468

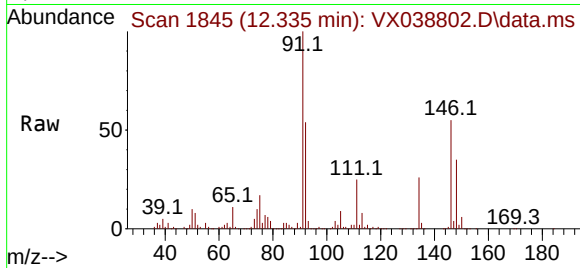
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 19.984 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

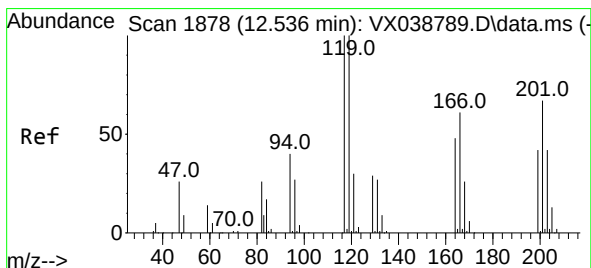
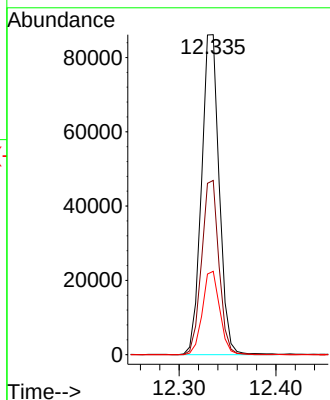
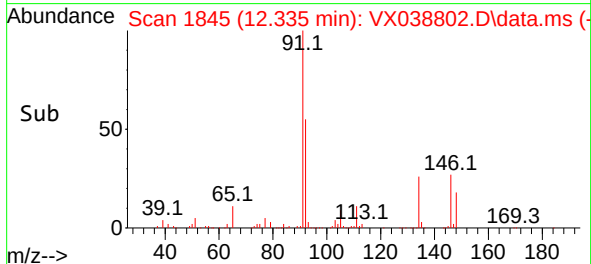
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion: 91 Resp: 109924
Ion Ratio Lower Upper
91 100
92 53.3 27.4 82.0
134 25.6 12.6 37.8

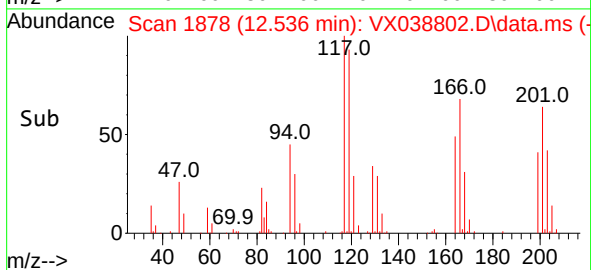
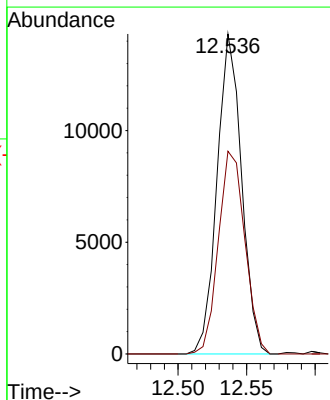
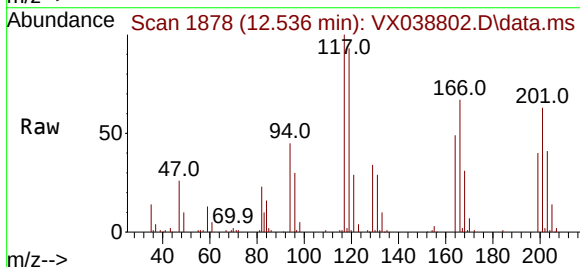
Manual Integrations
APPROVED

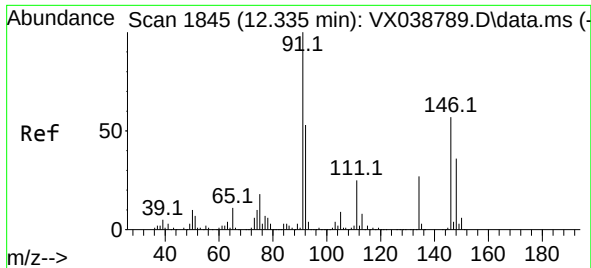
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 18.868 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion:117 Resp: 17790
Ion Ratio Lower Upper
117 100
201 68.6 32.9 98.6





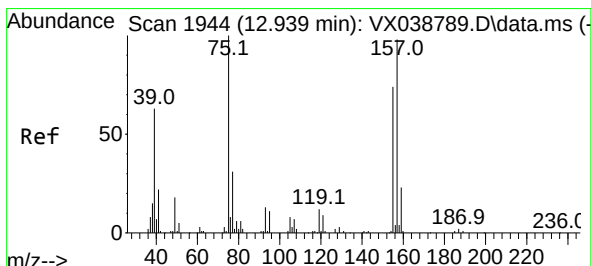
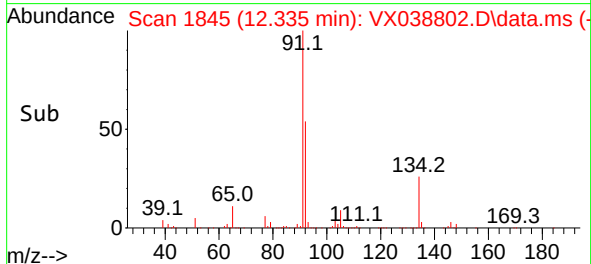
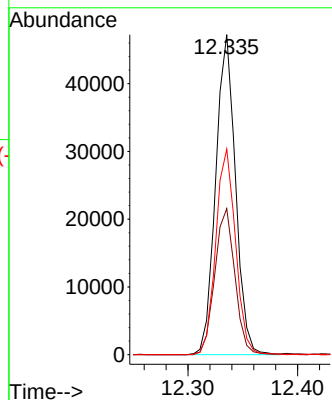
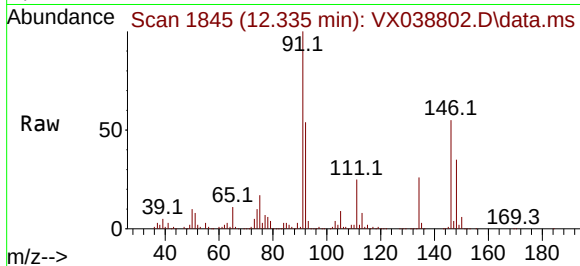
#91
1,2-Dichlorobenzene
Concen: 19.519 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tgt Ion:146 Resp: 59338
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.0
148 64.2 31.6 95.0

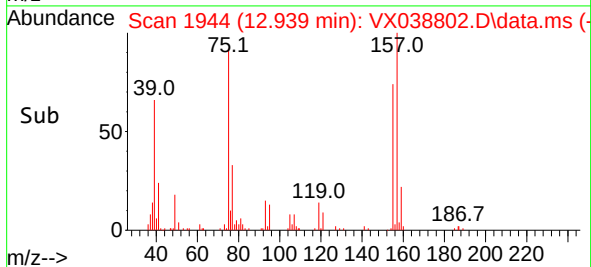
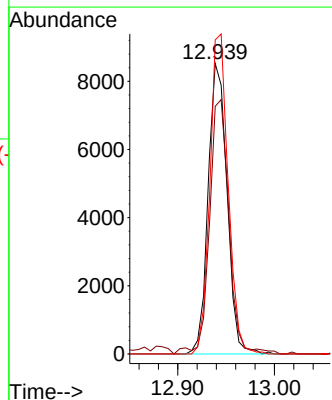
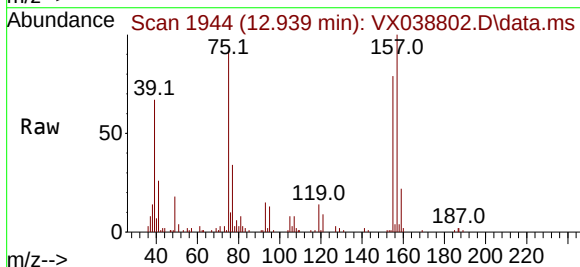
Manual Integrations
APPROVED

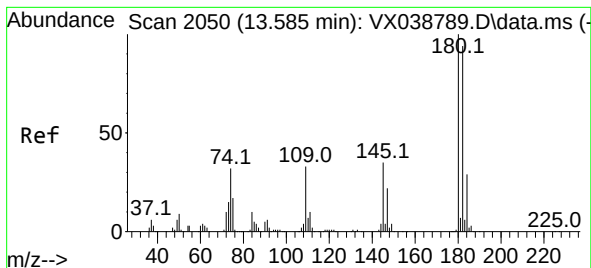
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.015 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion: 75 Resp: 11600
Ion Ratio Lower Upper
75 100
155 90.0 36.1 108.5
157 106.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.094 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

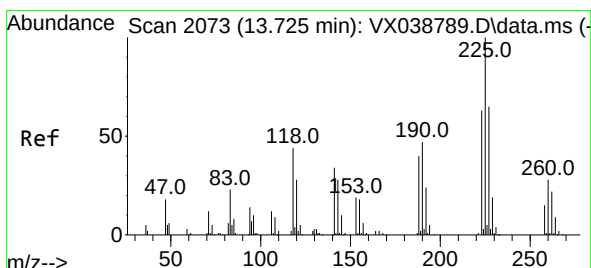
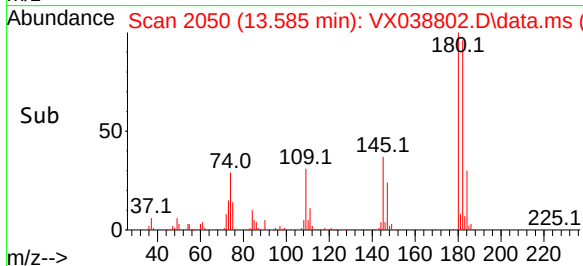
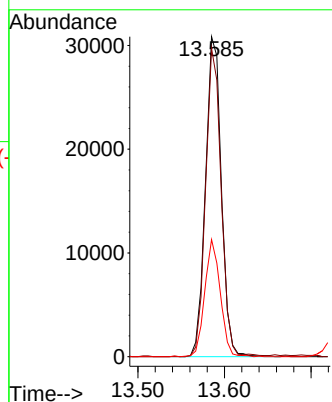
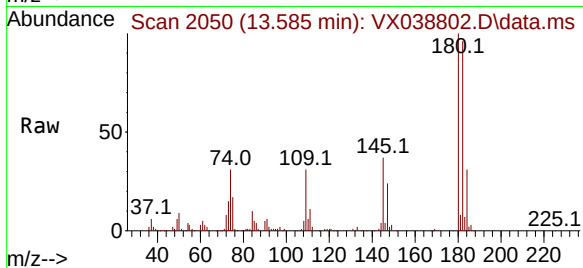
Tgt Ion:180	Resp:	3933
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.3 144.8
145	35.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#94

Hexachlorobutadiene

Concen: 19.326 ug/l

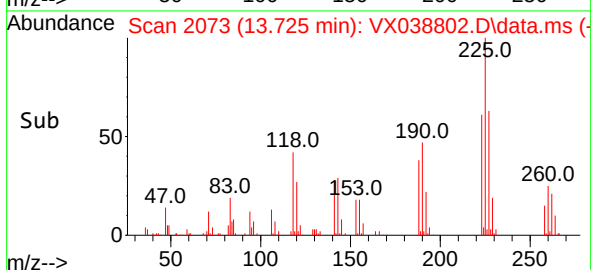
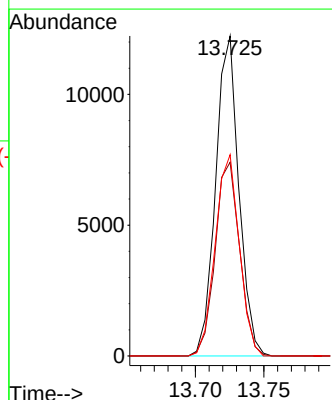
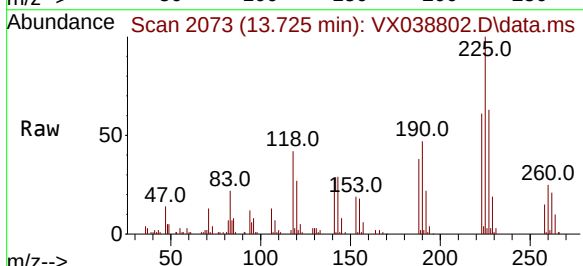
RT: 13.725 min Scan# 2073

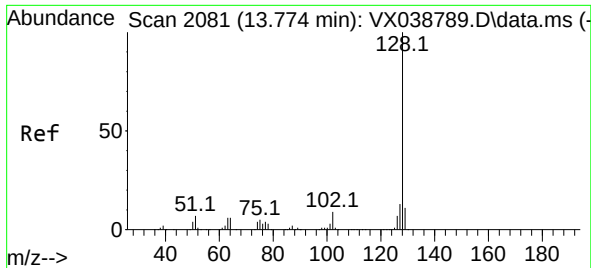
Delta R.T. 0.000 min

Lab File: VX038802.D

Acq: 14 Nov 2023 13:40

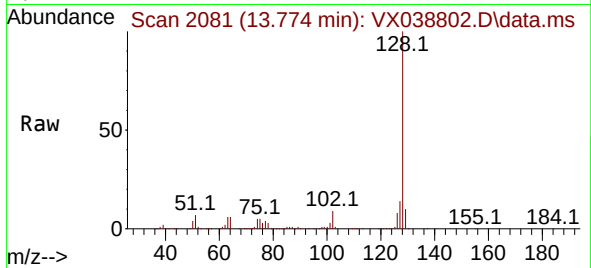
Tgt Ion:225	Resp:	14414
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.1 93.2
227	65.2	32.5 97.5





#95
Naphthalene
Concen: 20.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

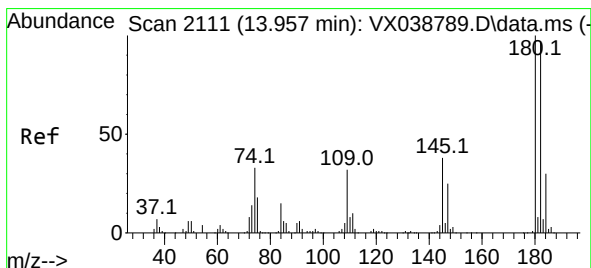
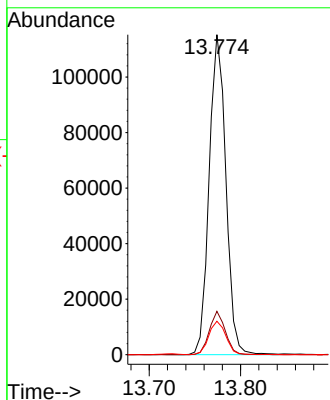
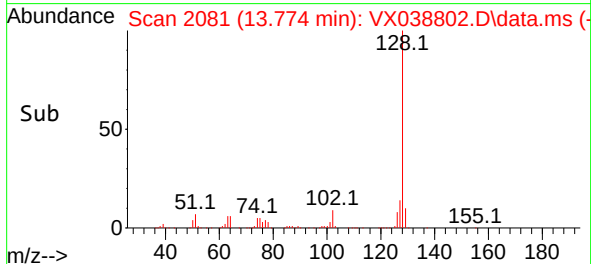
Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01



Tgt Ion:128 Resp: 145959
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.824 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038802.D
Acq: 14 Nov 2023 13:40

Tgt Ion:180 Resp: 38185
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.6
145 37.2 17.8 53.5

