

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037062.D
 Acq On : 17 Aug 2023 15:34
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 18 06:06:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233549	103.285	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 206.580%#	
35) Dibromofluoromethane	5.385	113	190497	105.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 210.760%#	
50) Toluene-d8	8.653	98	680521	103.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 207.560%#	
62) 4-Bromofluorobenzene	11.079	95	270579	105.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 210.000%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	189872	104.214	ug/l	100
3) Chloromethane	1.294	50	163525	102.592	ug/l	98
4) Vinyl Chloride	1.374	62	173755	100.148	ug/l	99
5) Bromomethane	1.599	94	81335	94.113	ug/l	98
6) Chloroethane	1.666	64	97512	95.509	ug/l	99
7) Trichlorofluoromethane	1.880	101	276629	97.334	ug/l	99
8) Diethyl Ether	2.136	74	108060	98.276	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	160375	96.729	ug/l	97
10) Methyl Iodide	2.447	142	208272	103.356	ug/l	95
11) Tert butyl alcohol	2.977	59	260535	491.181	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	155886	96.550	ug/l	86
13) Acrolein	2.239	56	196517	487.009	ug/l	98
14) Allyl chloride	2.660	41	242810	97.161	ug/l #	92
15) Acrylonitrile	3.068	53	471375	497.892	ug/l	100
16) Acetone	2.386	43	416546	470.884	ug/l	92
17) Carbon Disulfide	2.508	76	397368	96.757	ug/l	99
18) Methyl Acetate	2.703	43	327447	98.312	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	609256	99.496	ug/l	97
20) Methylene Chloride	2.788	84	181827	91.913	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	180734	98.472	ug/l	89
22) Diisopropyl ether	3.763	45	505003	98.477	ug/l #	83
23) Vinyl Acetate	3.721	43	1994353	507.499	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	317655	98.779	ug/l	97
25) 2-Butanone	4.562	43	656711	493.045	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	277585	96.654	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	215036	99.382	ug/l	89
28) Bromochloromethane	4.897	49	143095	99.609	ug/l #	75
29) Tetrahydrofuran	5.007	42	418631	492.842	ug/l #	84
30) Chloroform	5.092	83	353862	98.024	ug/l	97
31) Cyclohexane	5.464	56	244725	96.253	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	322800	99.785	ug/l	97
36) 1,1-Dichloropropene	5.690	75	246429	95.954	ug/l	97
37) Ethyl Acetate	4.715	43	257786	98.263	ug/l #	94
38) Carbon Tetrachloride	5.678	117	279748	100.276	ug/l	98
39) Methylcyclohexane	7.379	83	256166	94.937	ug/l	89
40) Benzene	6.037	78	728494	98.905	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	138182	101.322	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	283965	98.310	ug/l	96
43) Isopropyl Acetate	6.342	43	423320	101.637	ug/l #	92
44) Trichloroethene	7.123	130	203923	97.638	ug/l	97
45) 1,2-Dichloropropane	7.427	63	181335	99.847	ug/l	99
46) Dibromomethane	7.580	93	143709	100.445	ug/l	94
47) Bromodichloromethane	7.824	83	284716	103.897	ug/l	97
48) Methyl methacrylate	7.696	41	204778	100.817	ug/l #	87
49) 1,4-Dioxane	7.659	88	110112	2012.887	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	1226328	484.885	ug/l	90
52) Toluene	8.720	92	476330	97.877	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	314550	107.803	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	327634	103.907	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	199492	100.669	ug/l	98
56) Ethyl methacrylate	9.116	69	317159	102.178	ug/l	87
57) 1,3-Dichloropropane	9.311	76	328879	98.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	758565	509.247	ug/l	91
59) 2-Hexanone	9.433	43	956902	496.219	ug/l	88
60) Dibromochloromethane	9.525	129	226065	107.147	ug/l	99
61) 1,2-Dibromoethane	9.610	107	220247	101.512	ug/l	100
64) Tetrachloroethene	9.275	164	173249	93.282	ug/l	98
65) Chlorobenzene	10.079	112	517546	96.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	203033	102.235	ug/l	99
67) Ethyl Benzene	10.195	91	904296	95.508	ug/l	98
68) m/p-Xylenes	10.299	106	704766	192.748	ug/l	97
69) o-Xylene	10.640	106	351860	97.537	ug/l	98
70) Styrene	10.659	104	599359	100.863	ug/l	97
71) Bromoform	10.799	173	168525	113.446	ug/l #	100
73) Isopropylbenzene	10.963	105	881060	91.897	ug/l	98
74) N-amyl acetate	10.841	43	365042	97.989	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	304156	94.201	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	360857	128.459	ug/l	91
77) Bromobenzene	11.195	156	226810	96.865	ug/l	91
78) n-propylbenzene	11.305	91	997637	93.449	ug/l	99
79) 2-Chlorotoluene	11.366	91	634418	92.992	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	751720	93.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	105523	104.919	ug/l	84
82) 4-Chlorotoluene	11.451	91	739359	93.885	ug/l	98
83) tert-Butylbenzene	11.713	119	716070	93.883	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	766188	94.793	ug/l	97
85) sec-Butylbenzene	11.890	105	838226	94.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	727694	94.884	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	422654	96.412	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	427940	96.096	ug/l	99
89) n-Butylbenzene	12.329	91	614934	96.711	ug/l	99
90) Hexachloroethane	12.536	117	133188	104.047	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	419241	97.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	80452	107.235	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	252892	100.684	ug/l	97
94) Hexachlorobutadiene	13.725	225	90536	93.303	ug/l	99
95) Naphthalene	13.774	128	965778	87.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	250264	100.288	ug/l	99

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QLast Update : Fri Aug 18 05:51:31 2023
Response via : Initial Calibration

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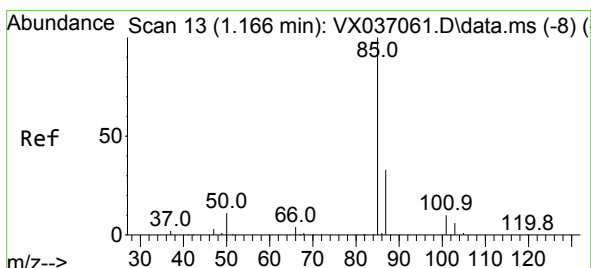
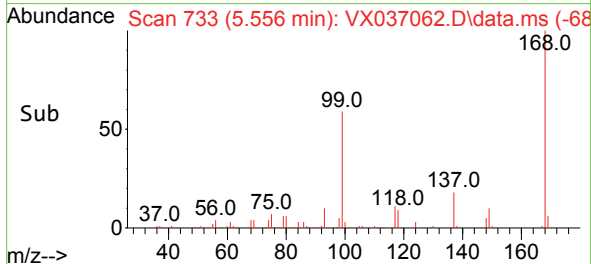
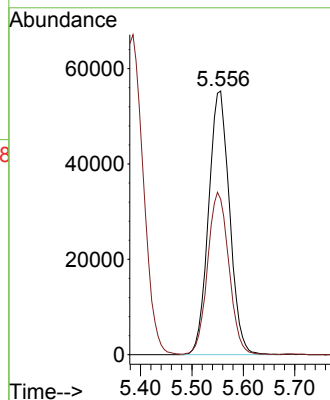
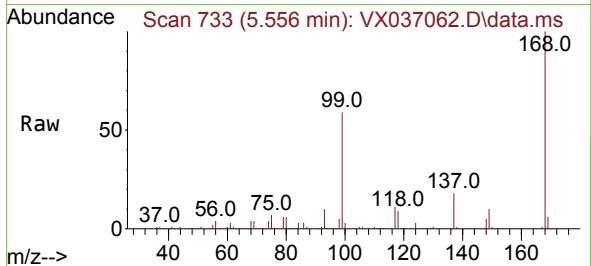
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037062.D
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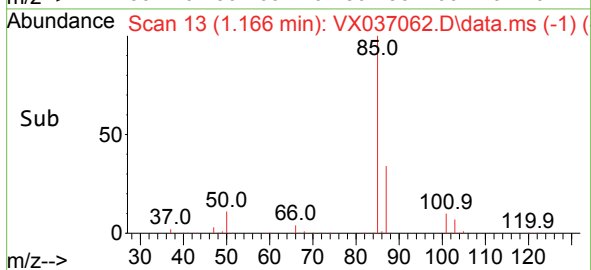
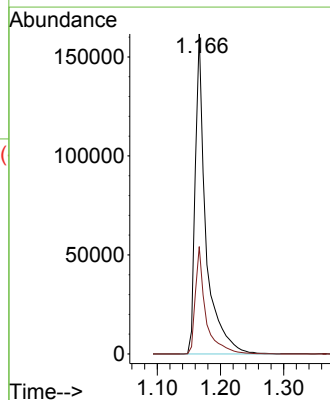
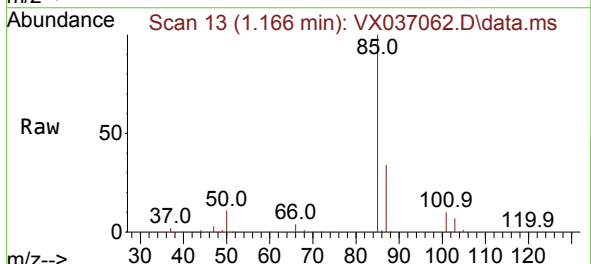
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

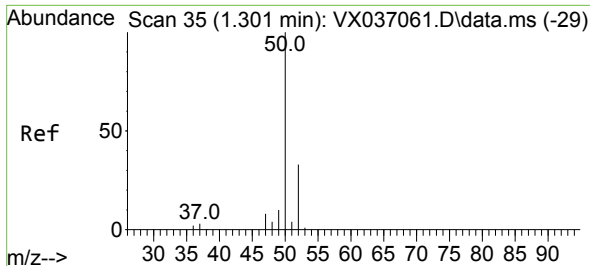
Tgt Ion:168 Resp: 156845
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 104.214 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 85 Resp: 189872
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1

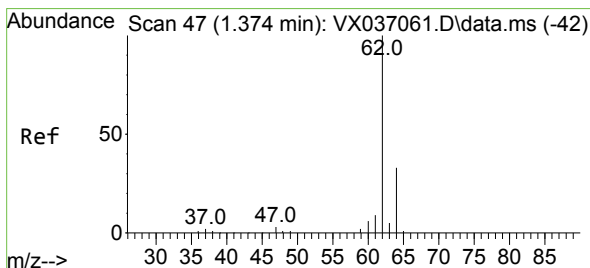
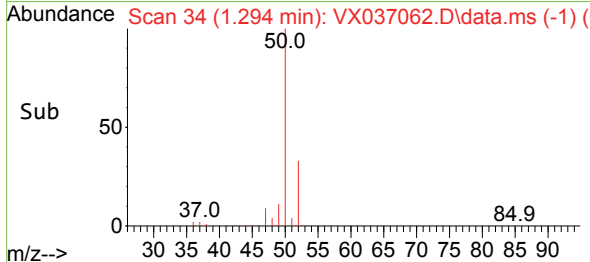
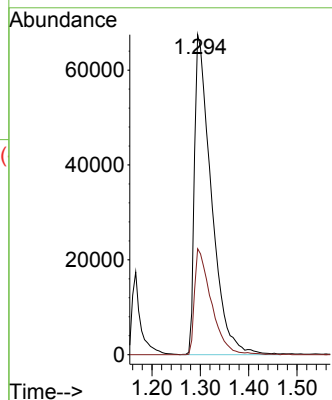
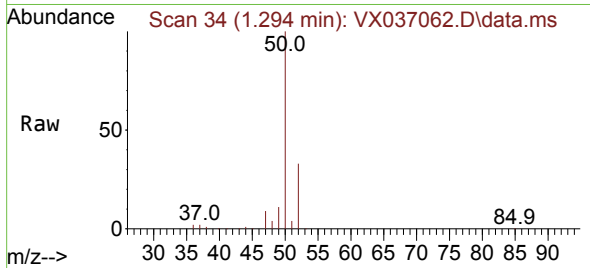




#3
Chloromethane
Concen: 102.592 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

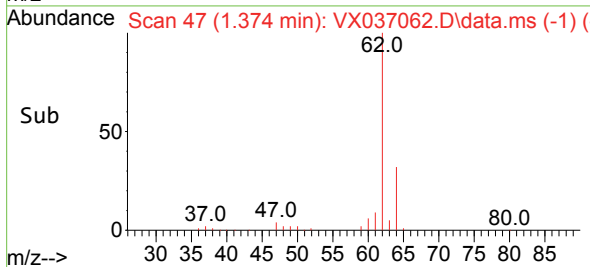
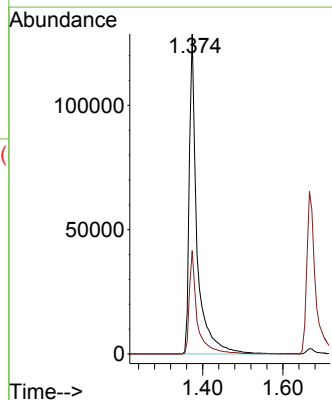
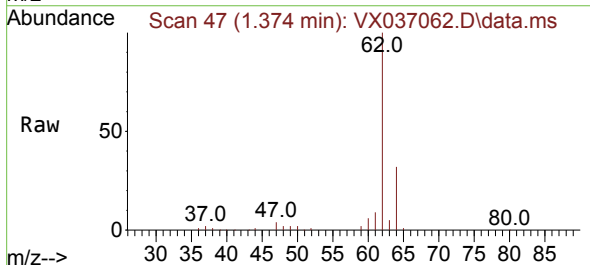
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 50 Resp: 163525
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 100.148 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 62 Resp: 173755
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

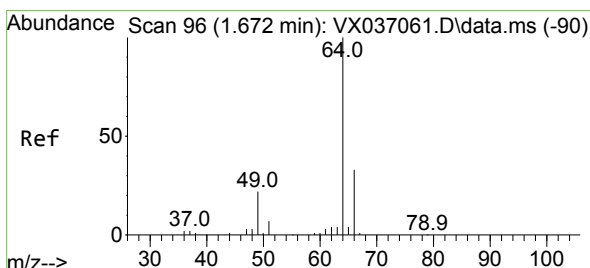
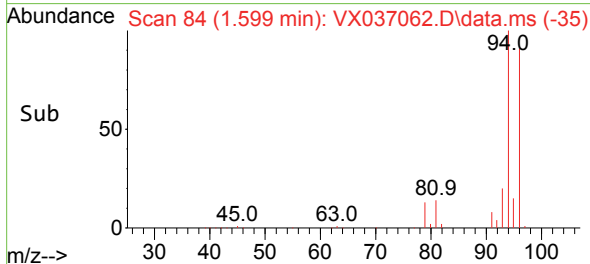
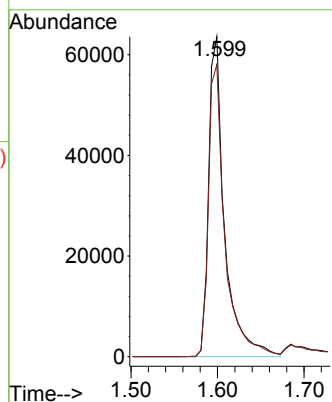
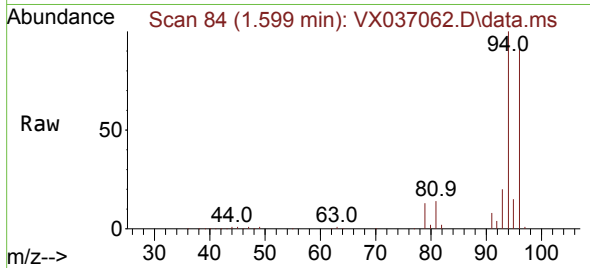




#5
Bromomethane
Concen: 94.113 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

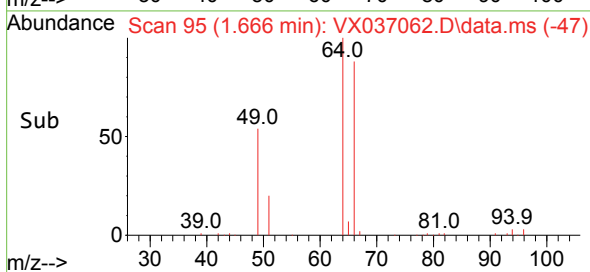
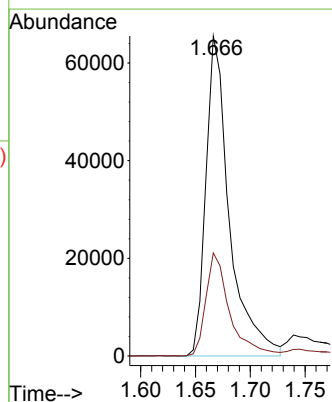
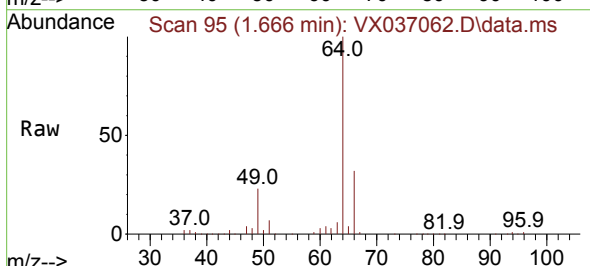
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 81335
Ion Ratio Lower Upper
94 100
96 91.3 74.6 111.8



#6
Chloroethane
Concen: 95.509 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 64 Resp: 97512
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

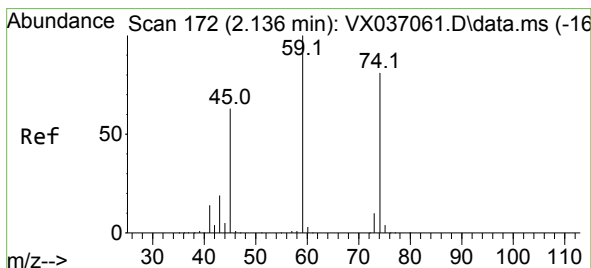
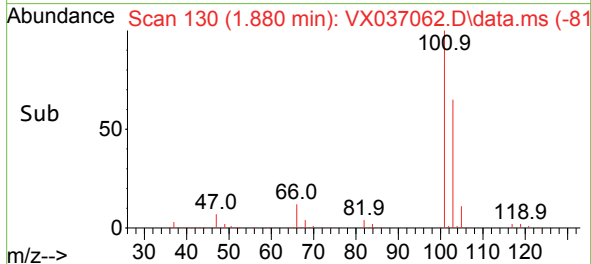
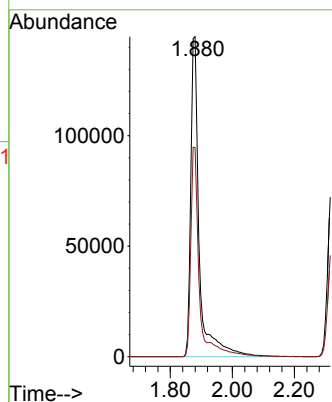
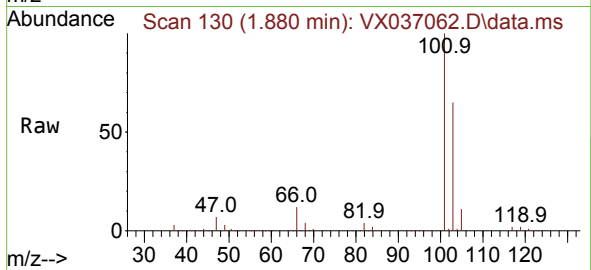




#7
 Trichlorofluoromethane
 Concen: 97.334 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037062.D
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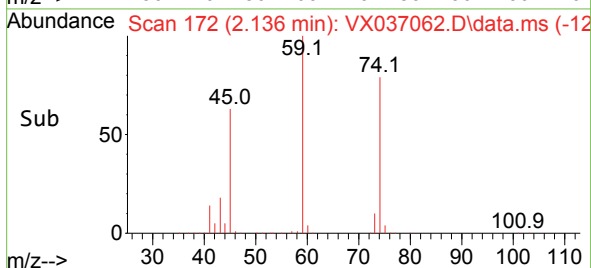
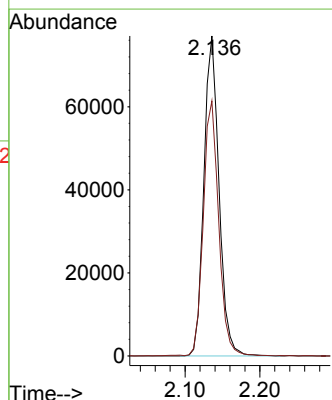
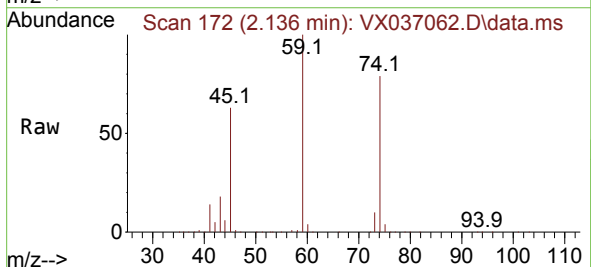
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

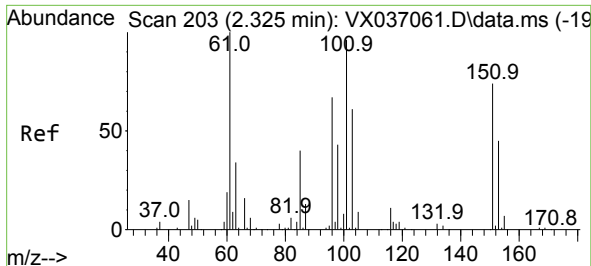
Tgt Ion:101 Resp: 276629
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 98.276 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion: 74 Resp: 108060
 Ion Ratio Lower Upper
 74 100
 45 81.7 53.3 159.8

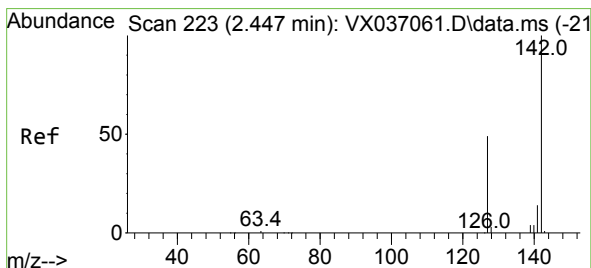
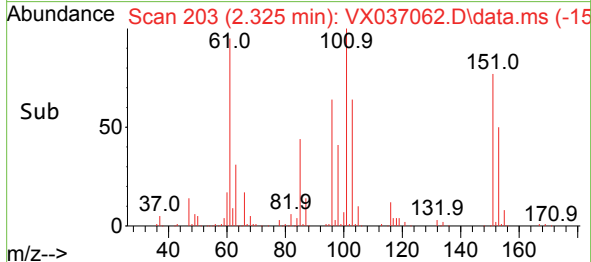
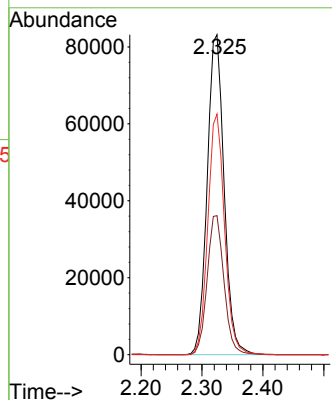
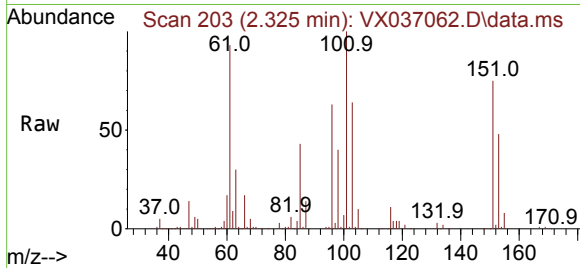




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.729 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037062.D
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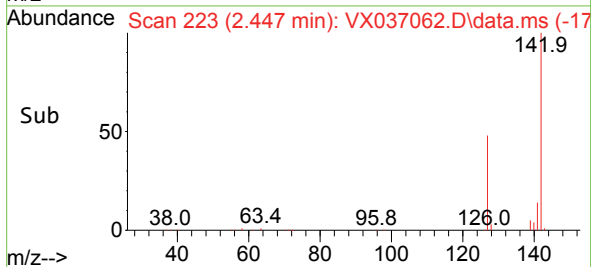
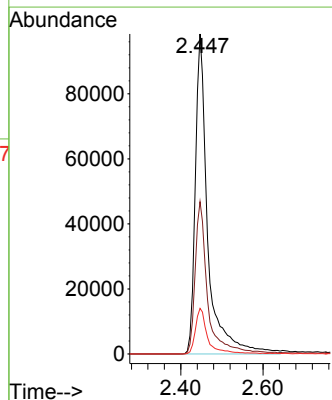
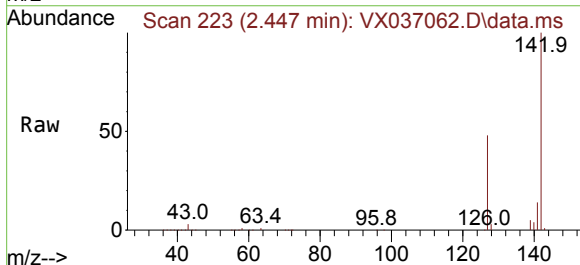
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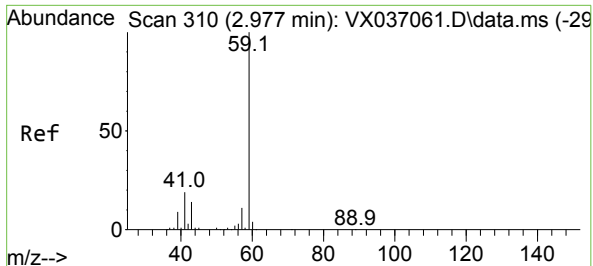
Tgt Ion:101 Resp: 160375
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 74.4 58.6 87.8



#10
Methyl Iodide
Concen: 103.356 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:142 Resp: 208272
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 491.181 ug/l

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

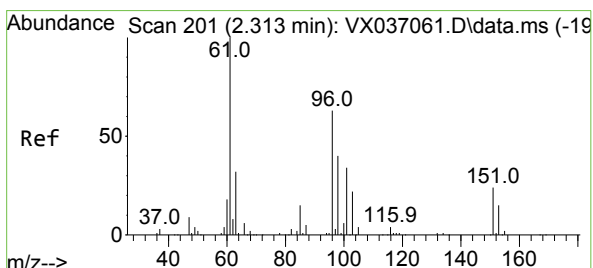
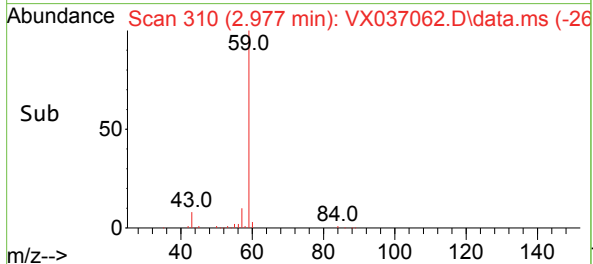
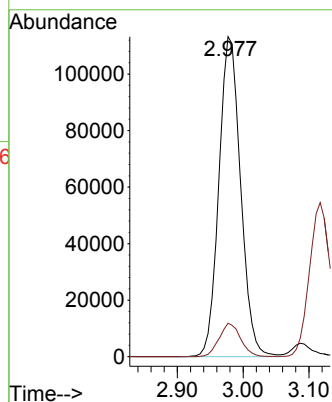
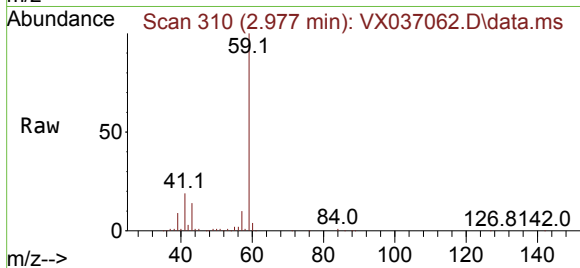
VSTDICC100

Tgt Ion: 59 Resp: 260535

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 96.550 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

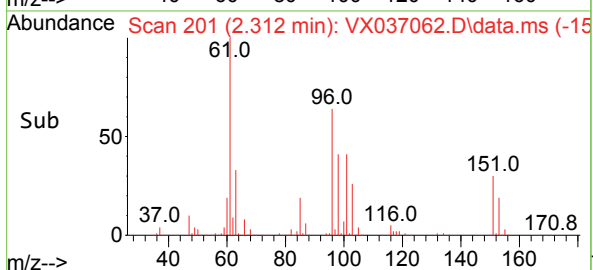
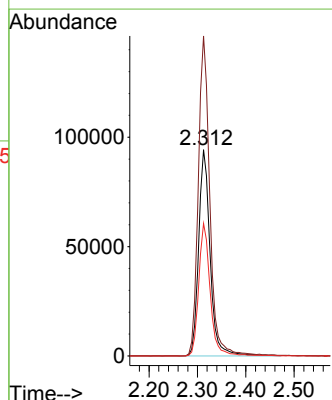
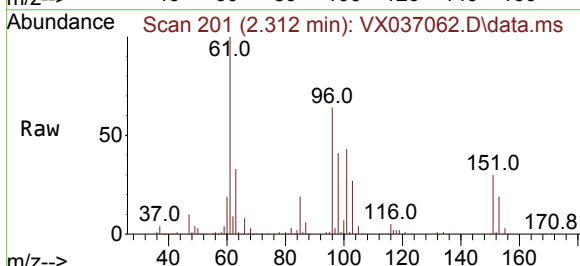
Tgt Ion: 96 Resp: 155886

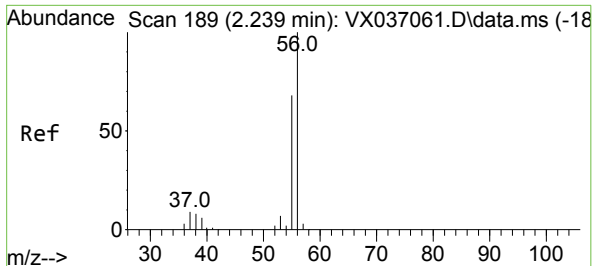
Ion Ratio Lower Upper

96 100

61 155.2 144.6 216.8

98 64.3 50.4 75.6





#13

Acrolein

Concen: 487.009 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

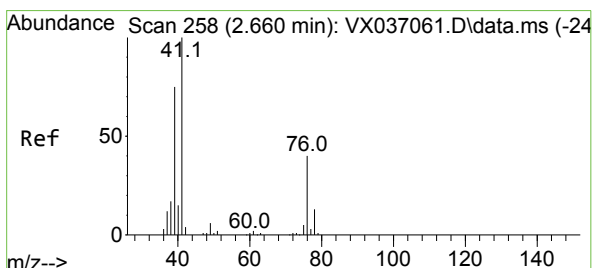
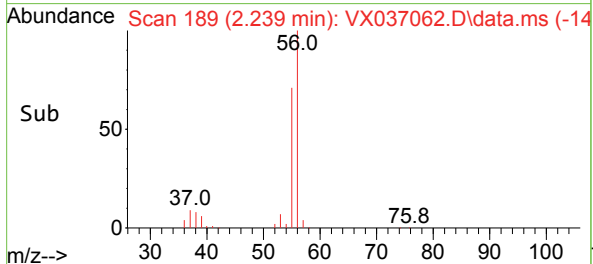
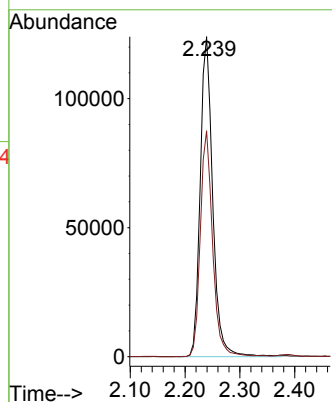
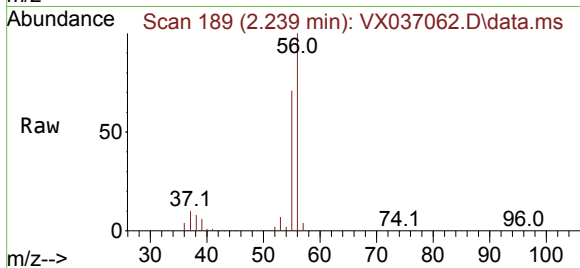
VSTDICC100

Tgt Ion: 56 Resp: 196517

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 97.161 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

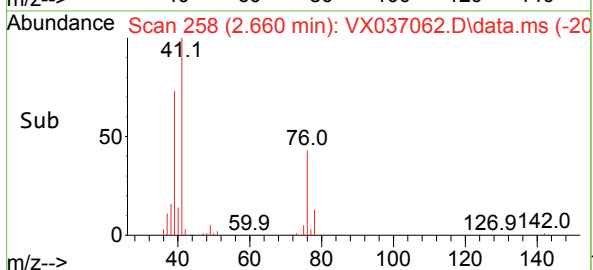
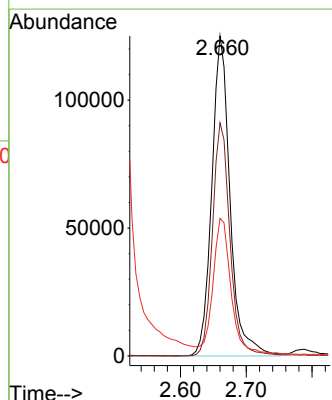
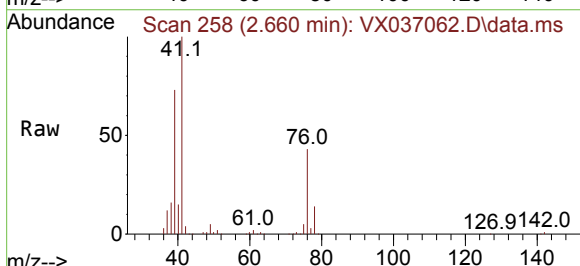
Tgt Ion: 41 Resp: 242810

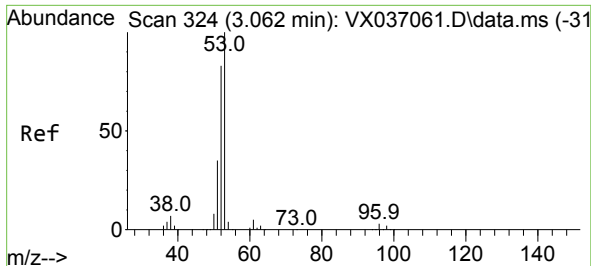
Ion Ratio Lower Upper

41 100

39 69.4 55.8 83.6

76 44.0 24.3 36.5

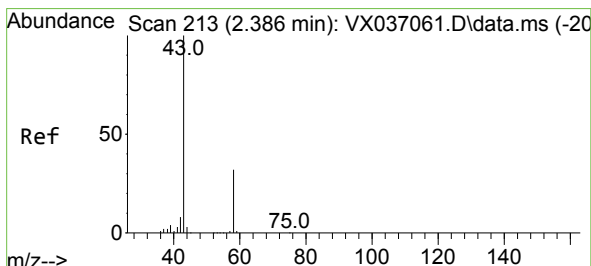
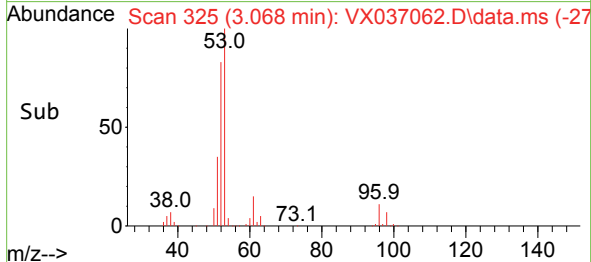
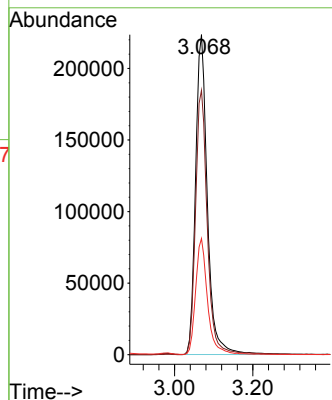
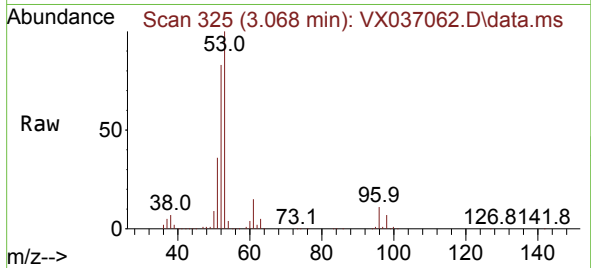




#15
Acrylonitrile
Concen: 497.892 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

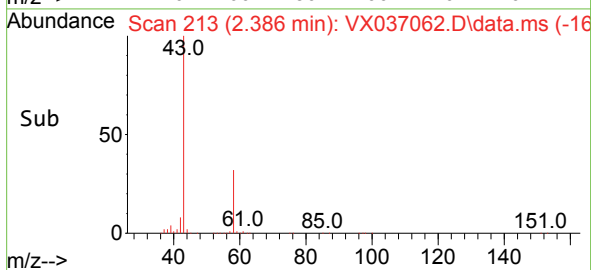
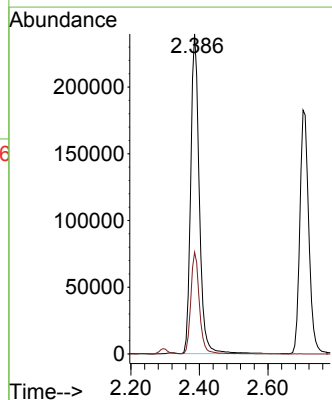
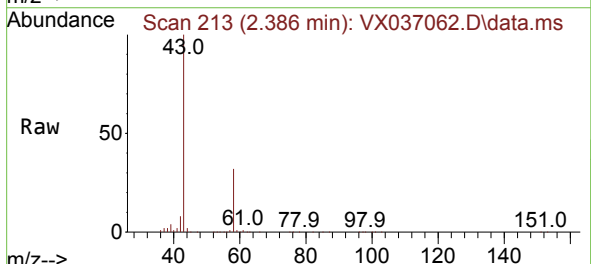
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

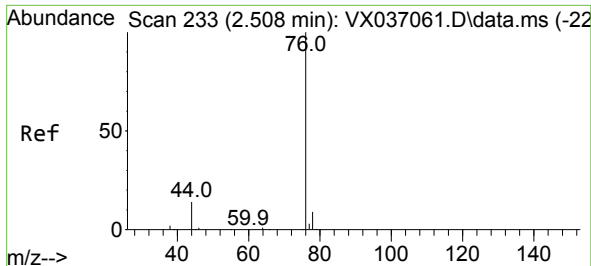
Tgt Ion: 53 Resp: 471375
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.4 29.8 44.6



#16
Acetone
Concen: 470.884 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 43 Resp: 416546
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#17

Carbon Disulfide

Concen: 96.757 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

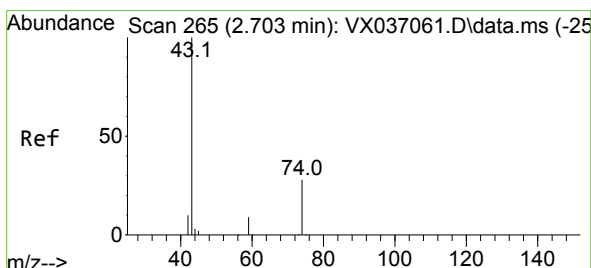
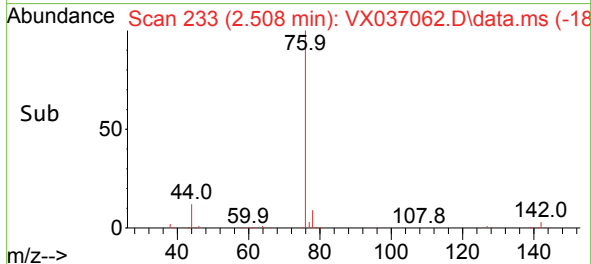
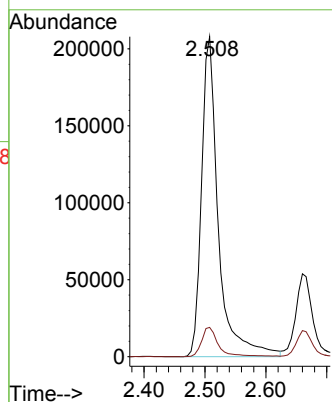
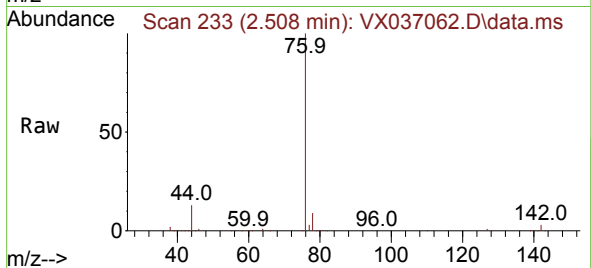
VSTDIC100

Tgt Ion: 76 Resp: 397368

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 98.312 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037062.D

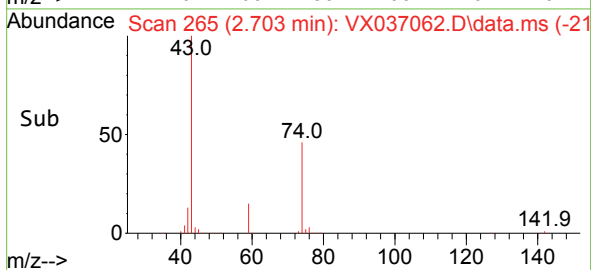
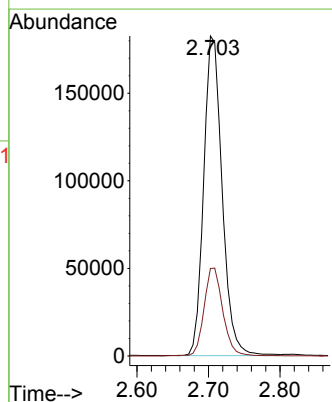
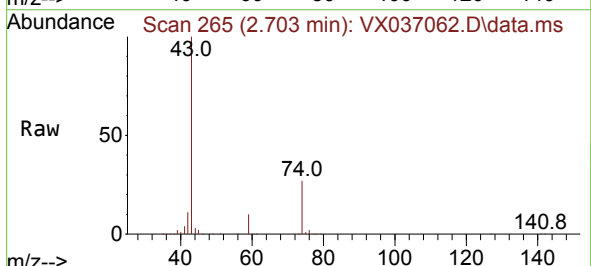
Acq: 17 Aug 2023 15:34

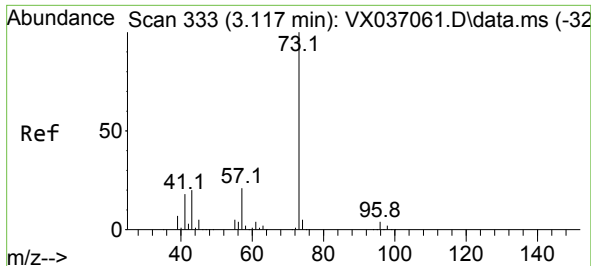
Tgt Ion: 43 Resp: 327447

Ion Ratio Lower Upper

43 100

74 28.1 17.8 26.8#

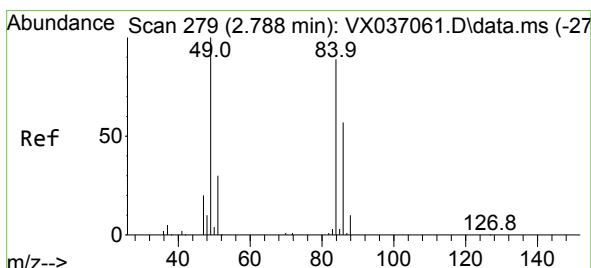
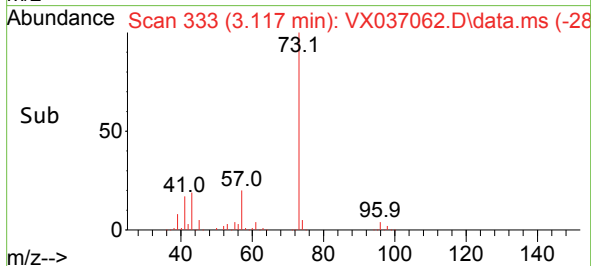
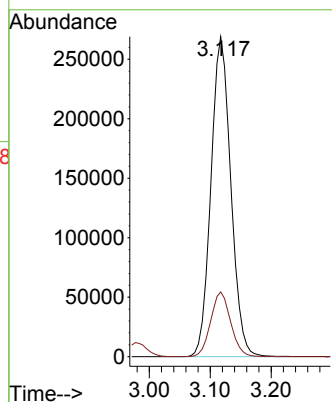
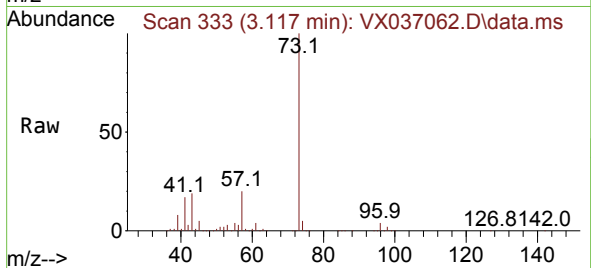




#19
Methyl tert-butyl Ether
Concen: 99.496 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

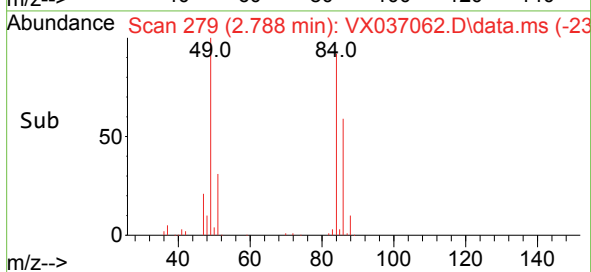
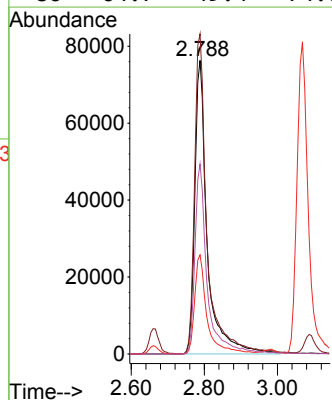
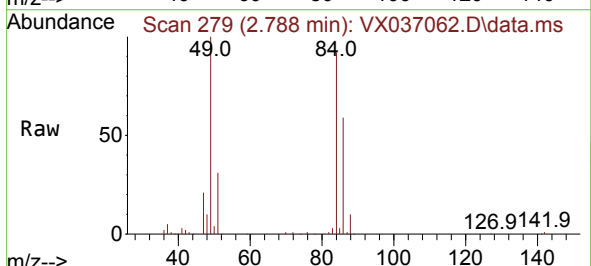
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

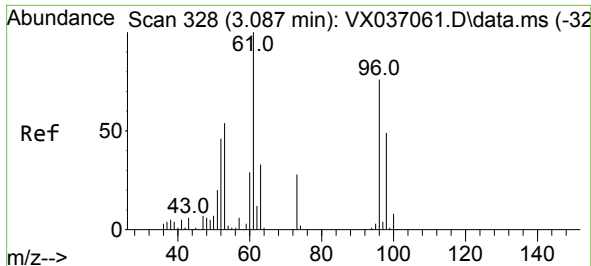
Tgt Ion: 73 Resp: 609256
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 91.913 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 84 Resp: 181827
Ion Ratio Lower Upper
84 100
49 108.9 103.6 155.4
51 33.8 33.8 50.6#
86 64.7 49.4 74.0

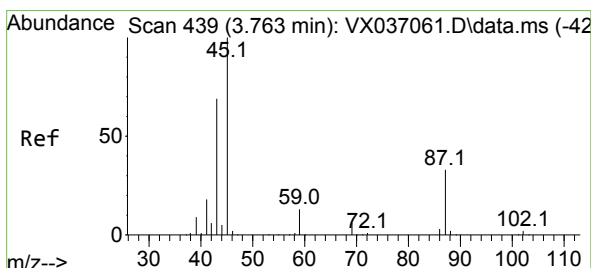
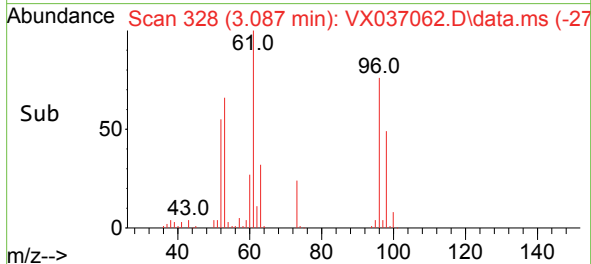
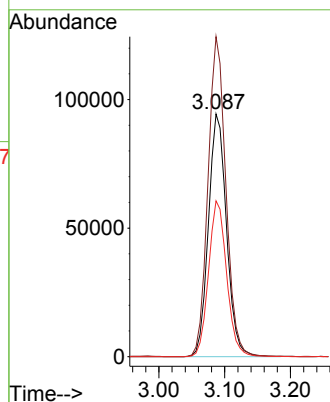
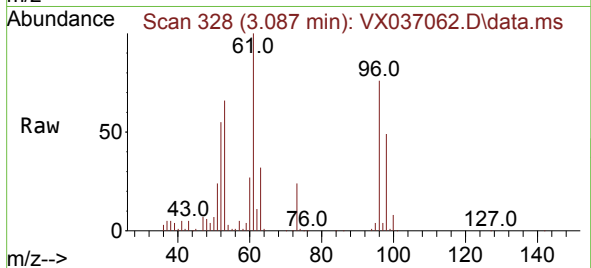




#21
trans-1,2-Dichloroethene
Concen: 98.472 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

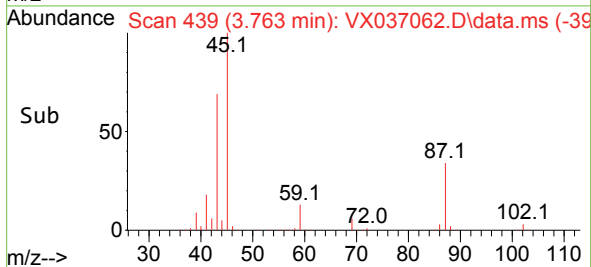
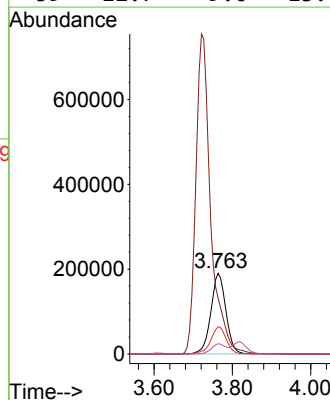
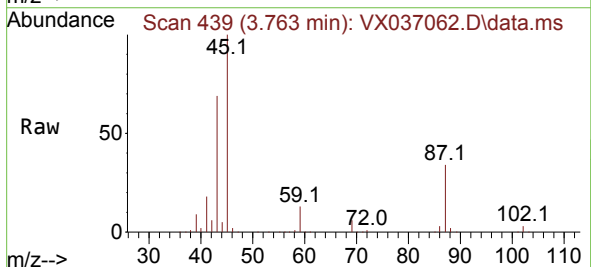
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

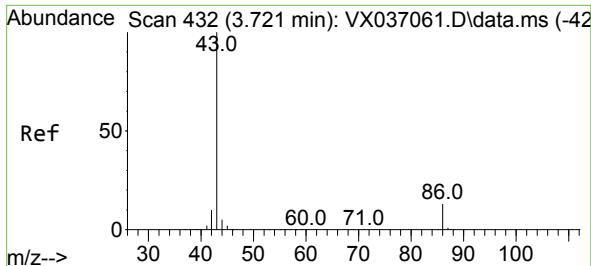
Tgt Ion: 96 Resp: 180734
Ion Ratio Lower Upper
96 100
61 131.8 119.2 178.8
98 64.2 48.7 73.1



#22
Diisopropyl ether
Concen: 98.477 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 45 Resp: 505003
Ion Ratio Lower Upper
45 100
43 69.0 69.7 104.5#
87 33.6 20.8 31.2#
59 12.7 9.0 13.4

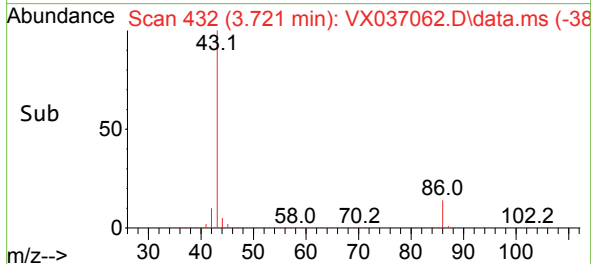
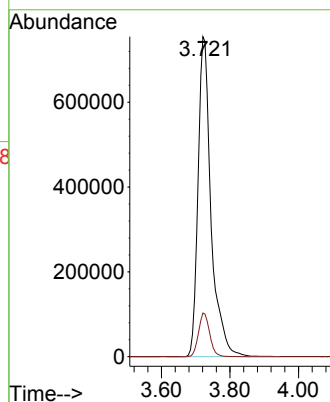
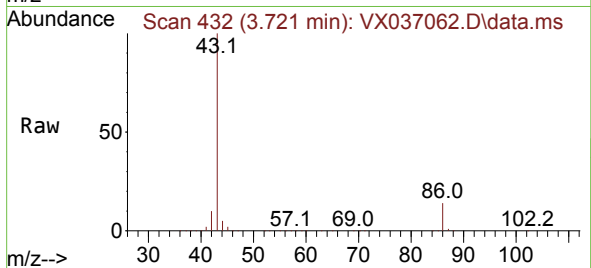




#23
 Vinyl Acetate
 Concen: 507.499 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

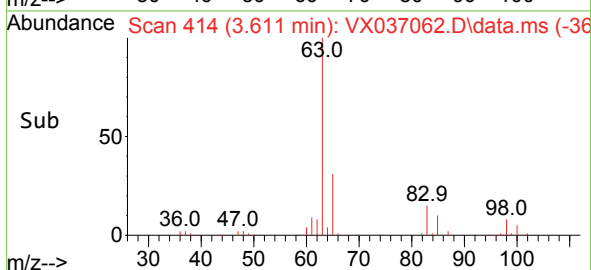
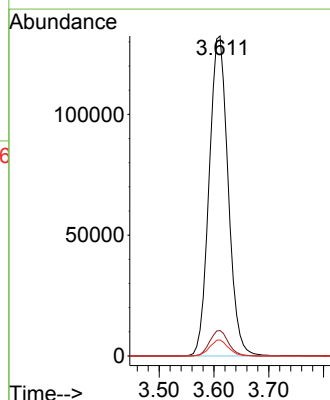
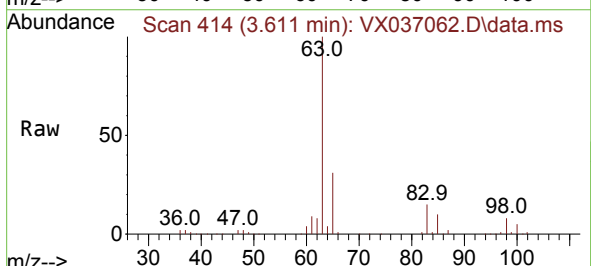
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

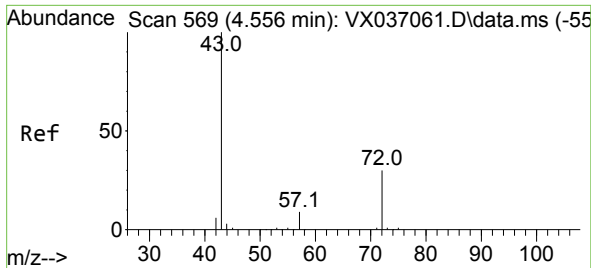
Tgt Ion: 43 Resp: 1994353
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 98.779 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion: 63 Resp: 317655
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 5.0 2.1 6.5

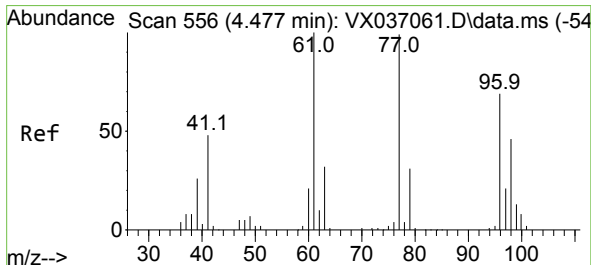
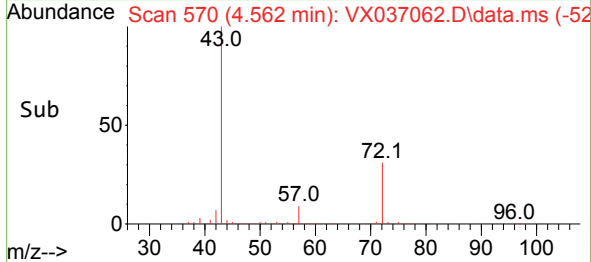
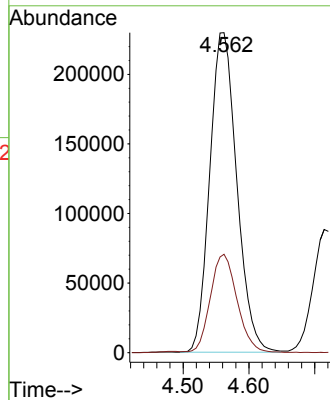
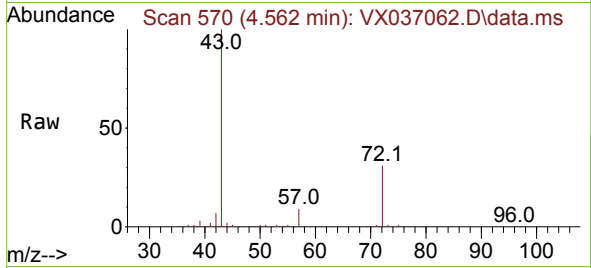




#25
2-Butanone
Concen: 493.045 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

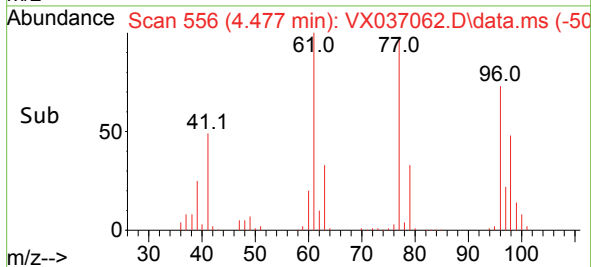
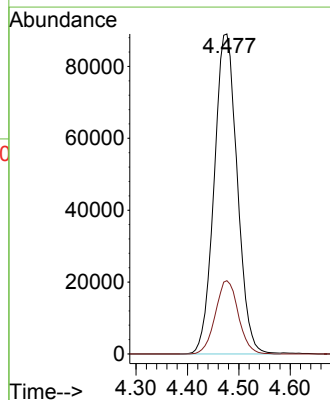
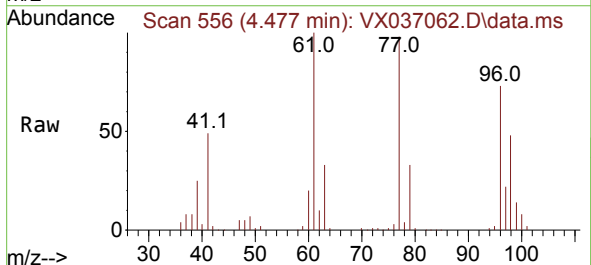
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 656711
Ion Ratio Lower Upper
43 100
72 30.6 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 96.654 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 77 Resp: 277585
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 99.382 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

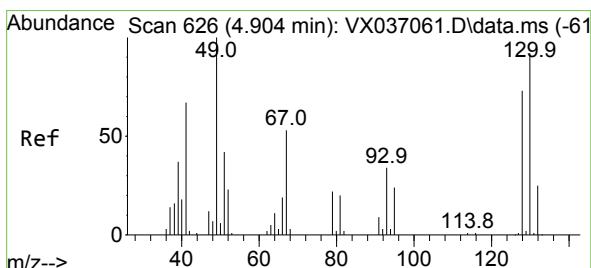
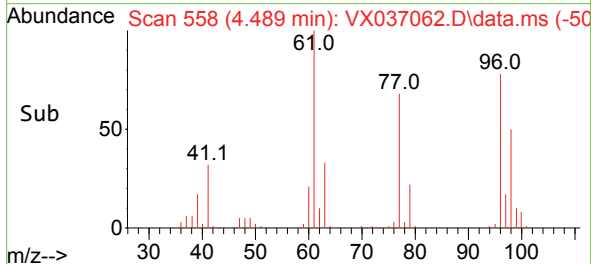
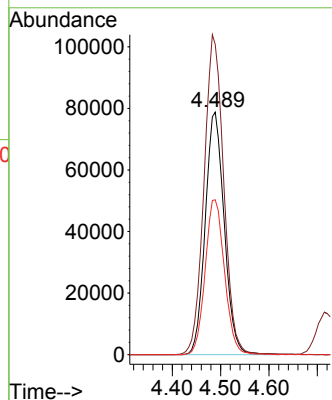
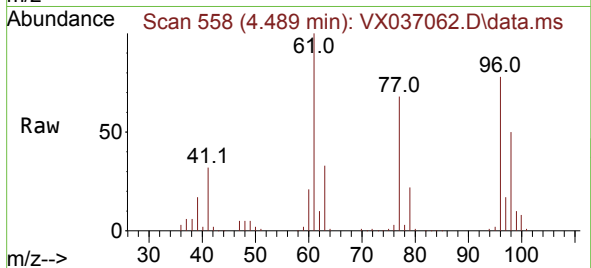
Tgt Ion: 96 Resp: 215036

Ion Ratio Lower Upper

96 100

61 136.6 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 99.609 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

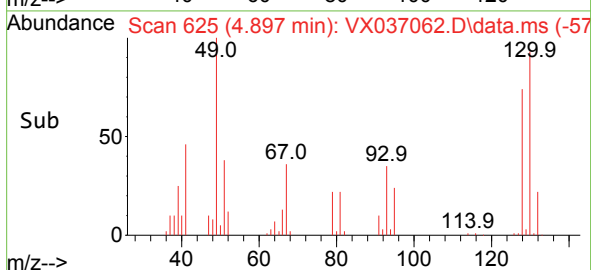
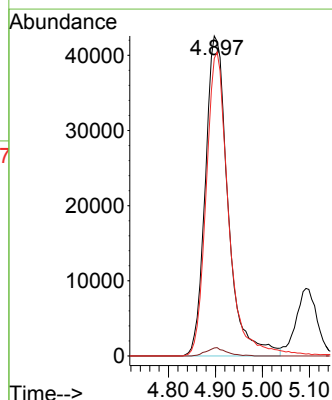
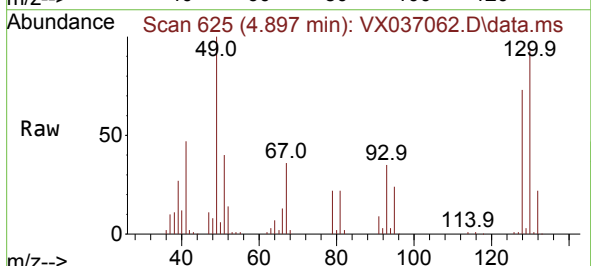
Tgt Ion: 49 Resp: 143095

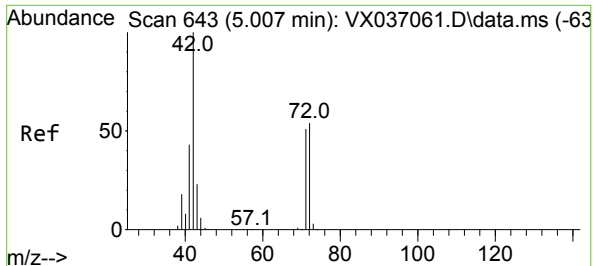
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 93.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 492.842 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

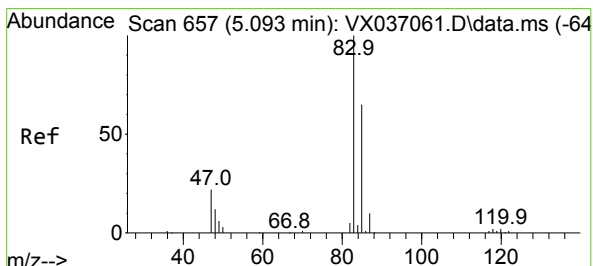
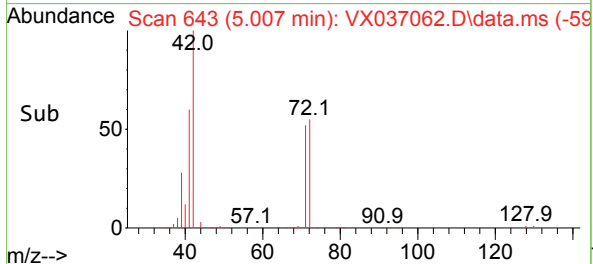
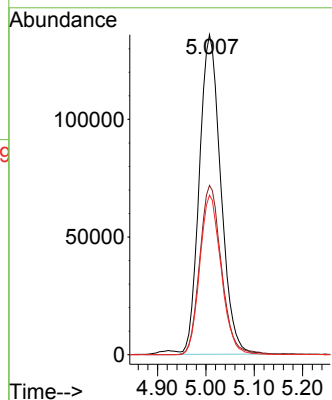
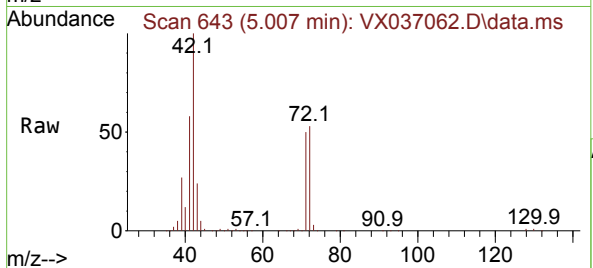
Tgt Ion: 42 Resp: 418631

Ion Ratio Lower Upper

42 100

72 53.8 34.2 51.4#

71 49.7 32.2 48.2#



#30

Chloroform

Concen: 98.024 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037062.D

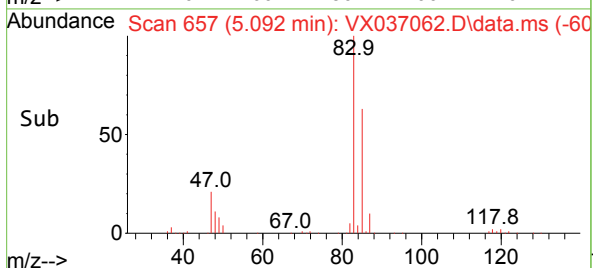
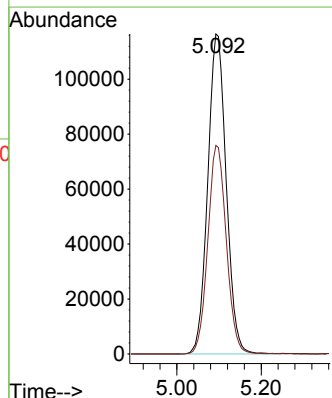
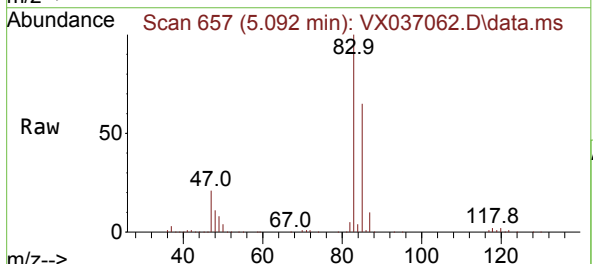
Acq: 17 Aug 2023 15:34

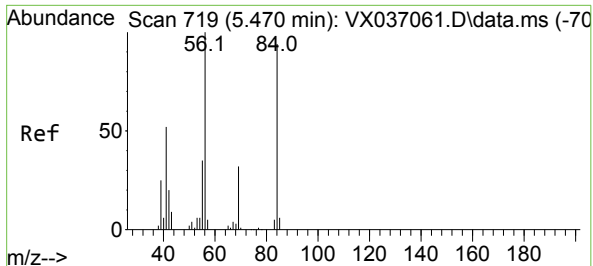
Tgt Ion: 83 Resp: 353862

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

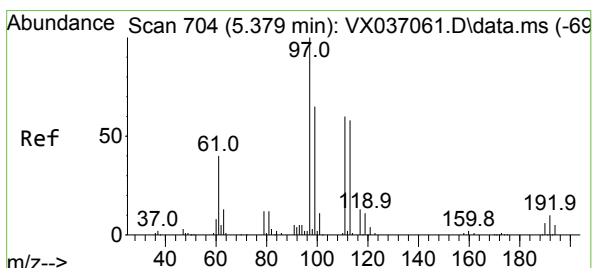
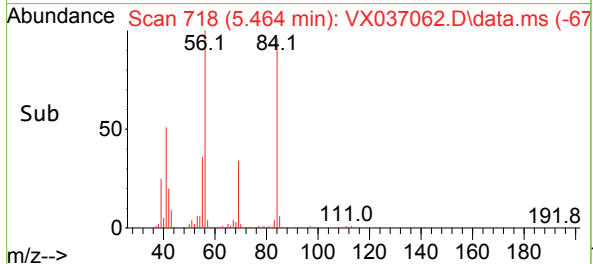
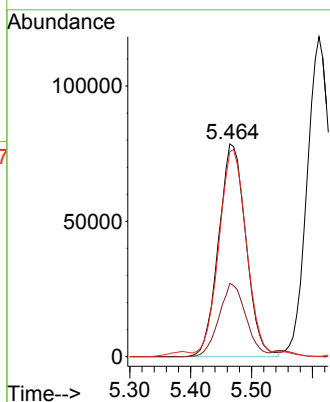
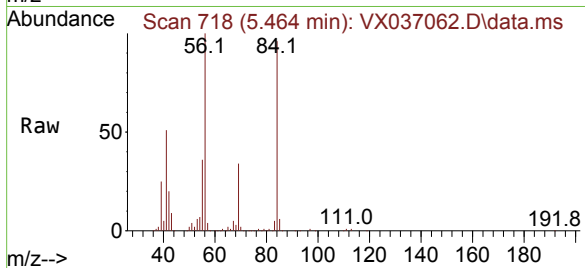




#31
Cyclohexane
Concen: 96.253 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

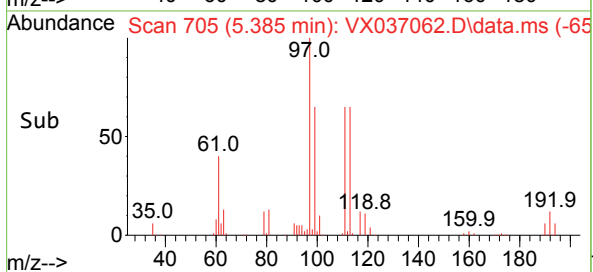
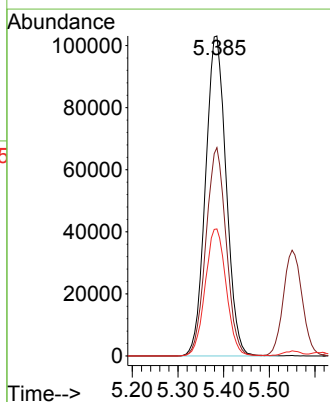
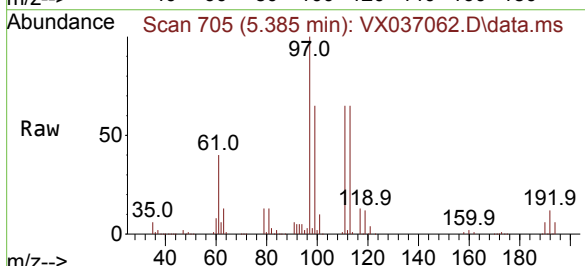
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

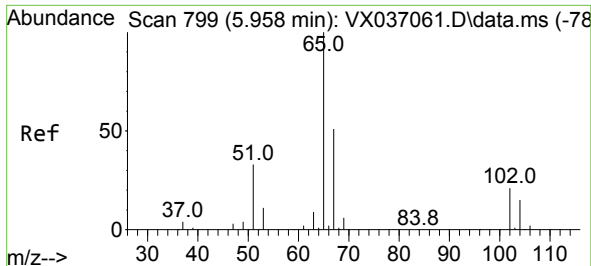
Tgt Ion: 56 Resp: 244725
Ion Ratio Lower Upper
56 100
69 34.4 23.4 35.2
84 94.3 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 99.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 97 Resp: 322800
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 40.5 36.4 54.6

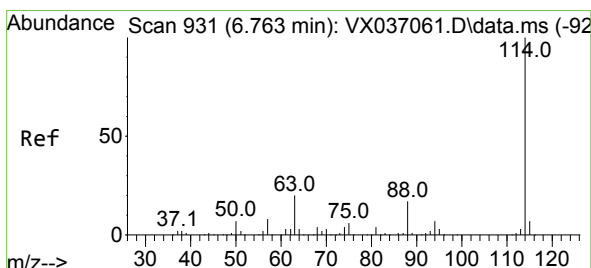
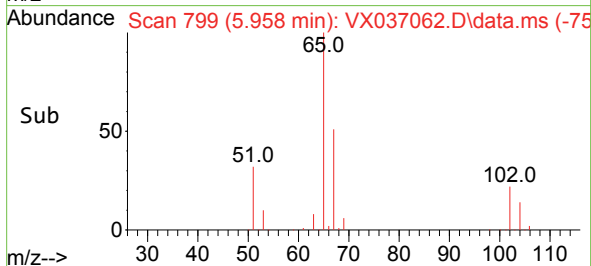
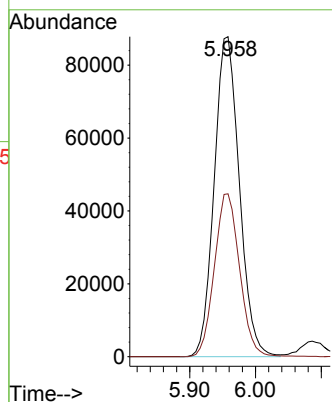
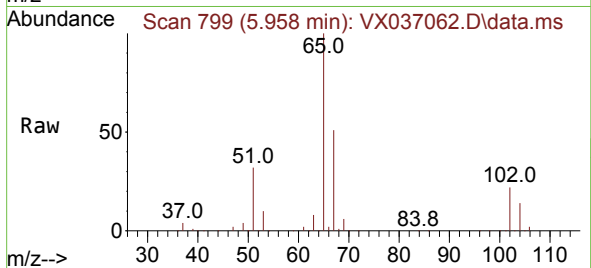




#33
 1,2-Dichloroethane-d4
 Concen: 103.285 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

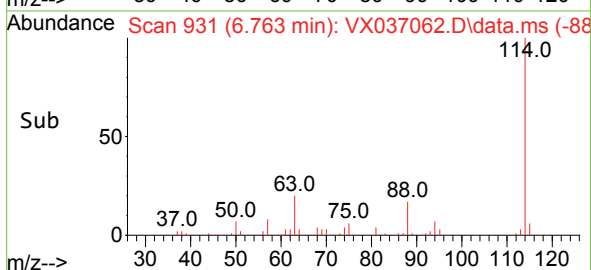
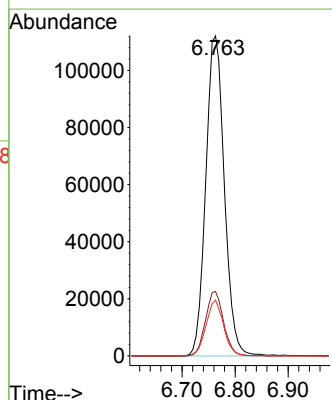
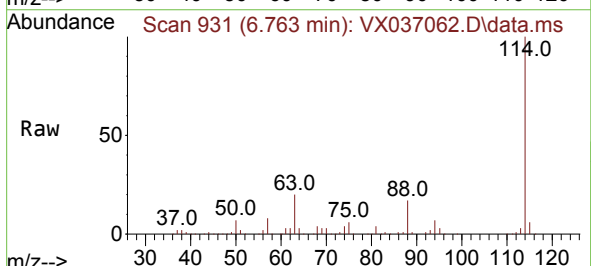
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

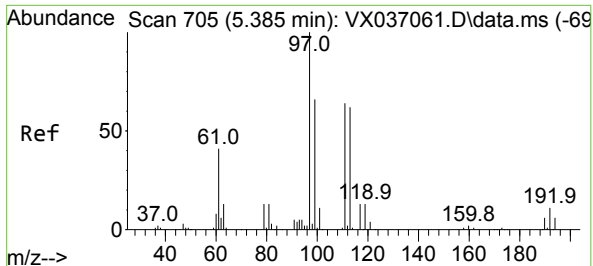
Tgt Ion: 65 Resp: 233549
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion:114 Resp: 272947
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 17.5 0.0 36.6

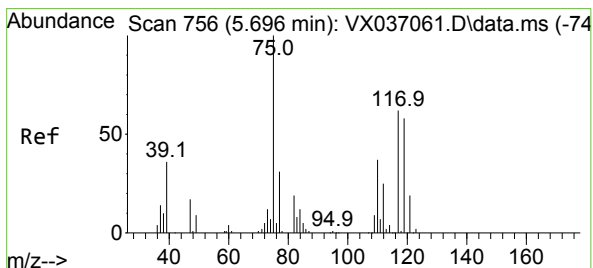
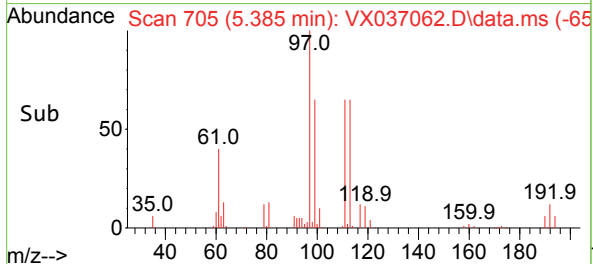
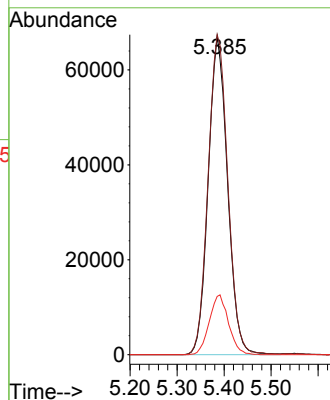
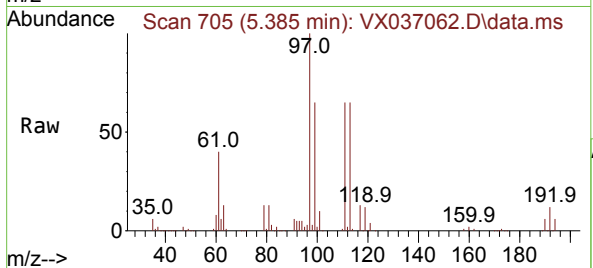




#35
Dibromofluoromethane
Concen: 105.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

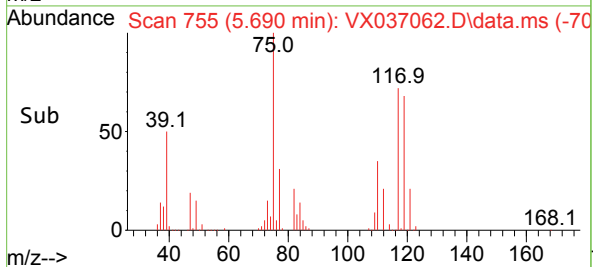
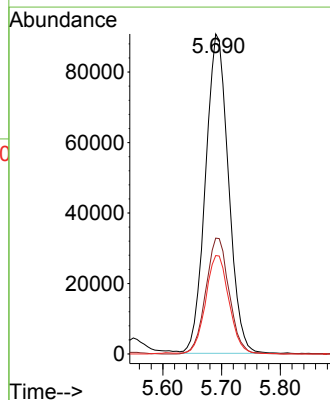
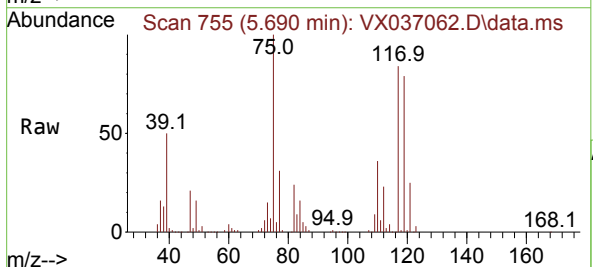
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

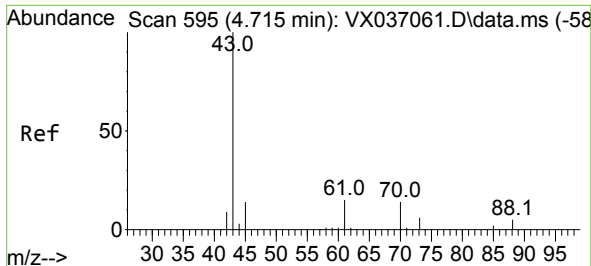
Tgt Ion:113 Resp: 190497
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 95.954 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 75 Resp: 246429
Ion Ratio Lower Upper
75 100
110 36.9 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 98.263 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

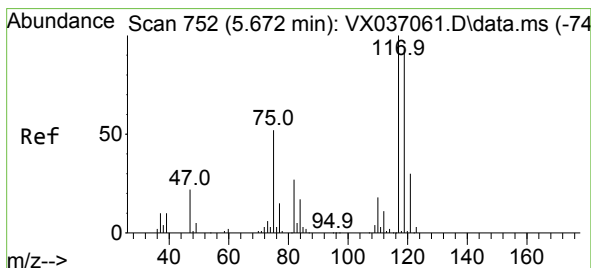
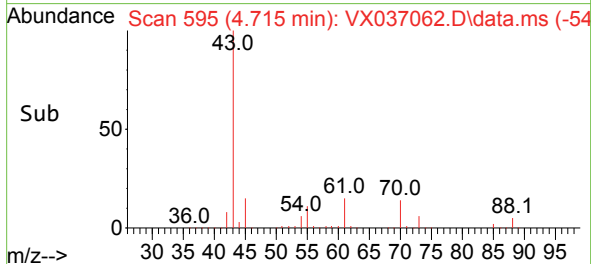
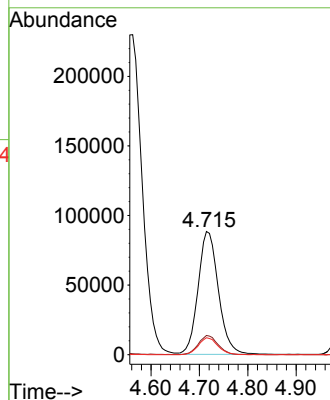
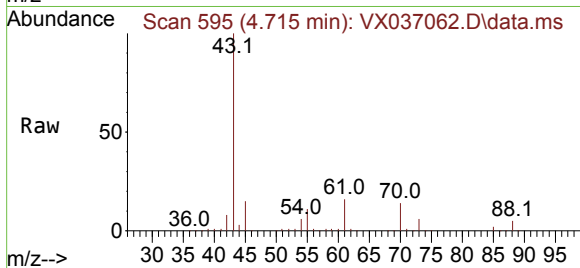
Tgt Ion: 43 Resp: 257786

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 13.2 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 100.276 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

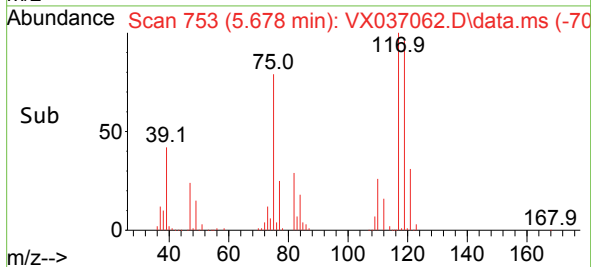
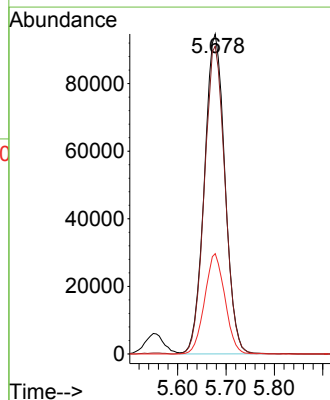
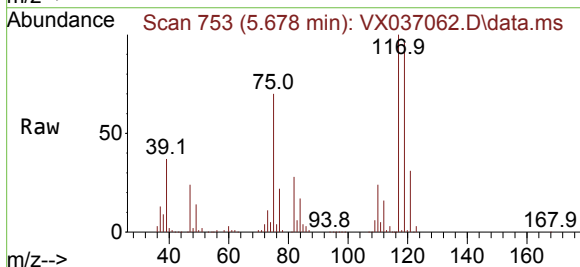
Tgt Ion: 117 Resp: 279748

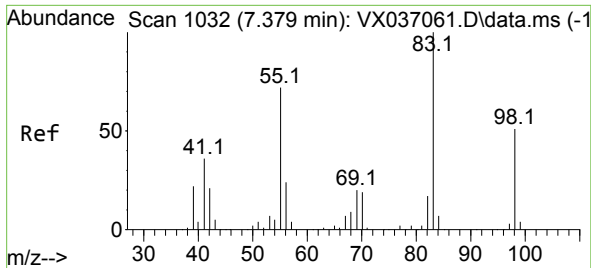
Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.2

121 31.4 24.4 36.6

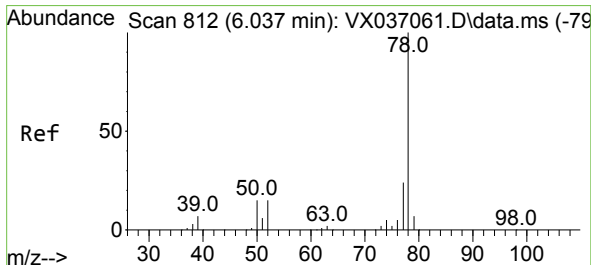
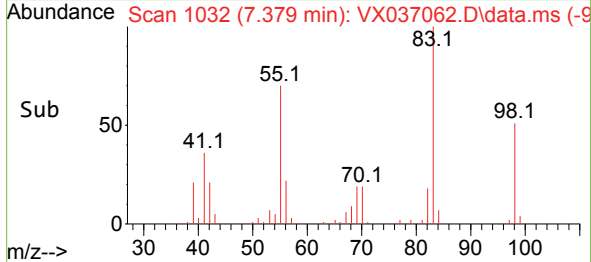
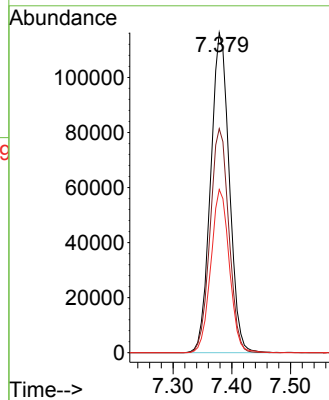
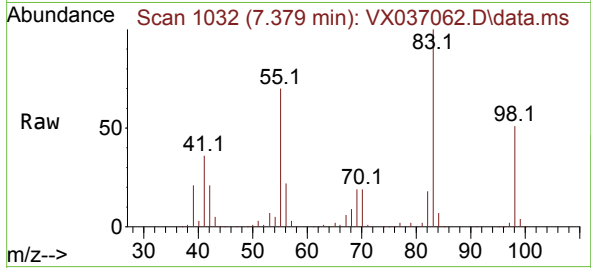




#39
Methylcyclohexane
Concen: 94.937 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

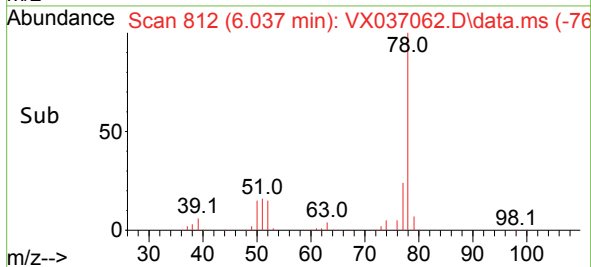
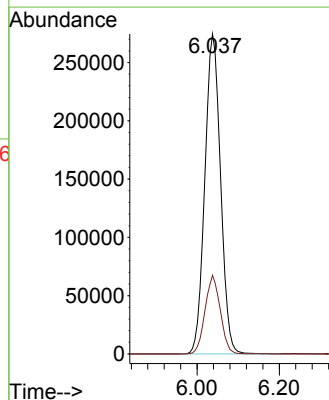
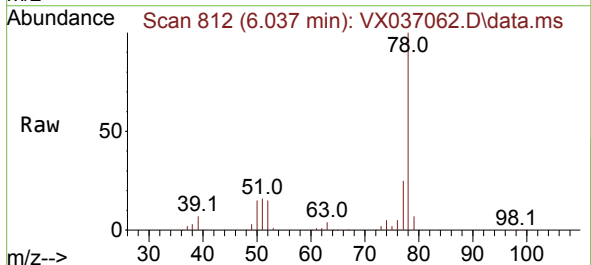
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

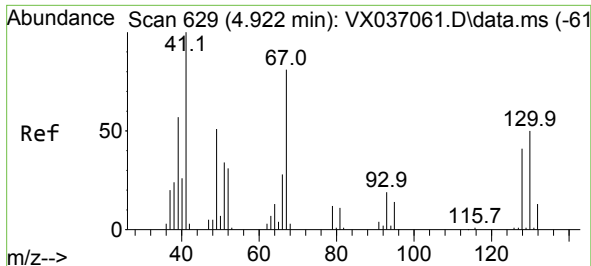
Tgt Ion: 83 Resp: 256166
Ion Ratio Lower Upper
83 100
55 70.0 64.6 97.0
98 51.0 36.7 55.1



#40
Benzene
Concen: 98.905 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 78 Resp: 728494
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

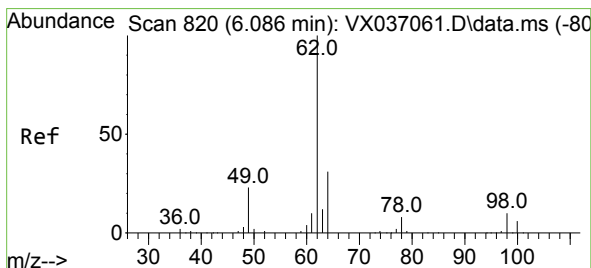
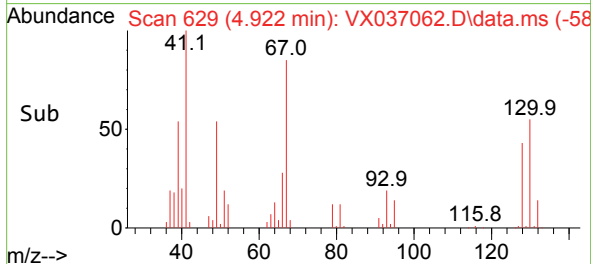
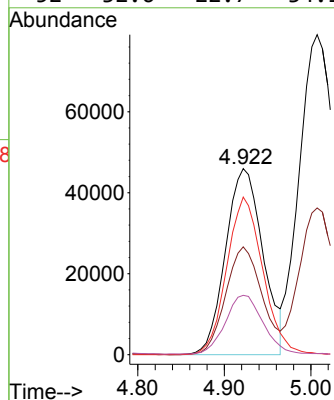
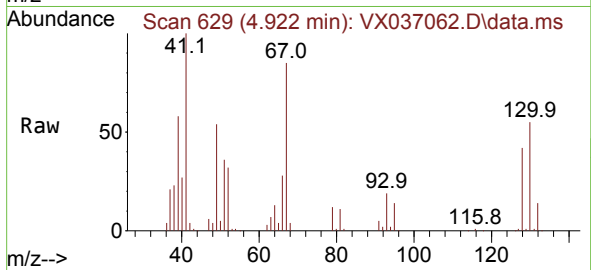




#41
Methacrylonitrile
Concen: 101.322 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

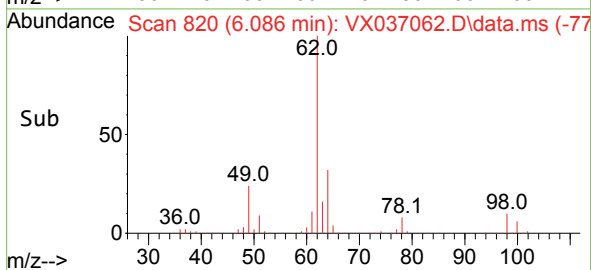
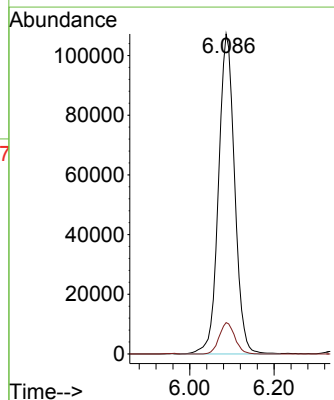
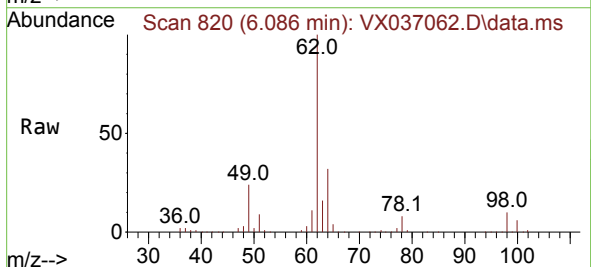
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

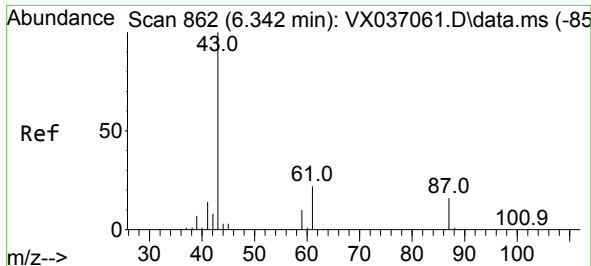
Tgt Ion:	41	Resp:	138182
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	82.1	52.6	78.8#
52	32.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 98.310 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:	62	Resp:	283965
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.0

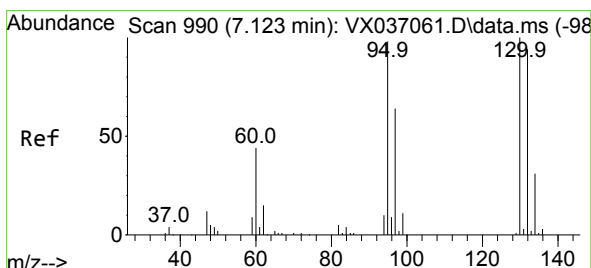
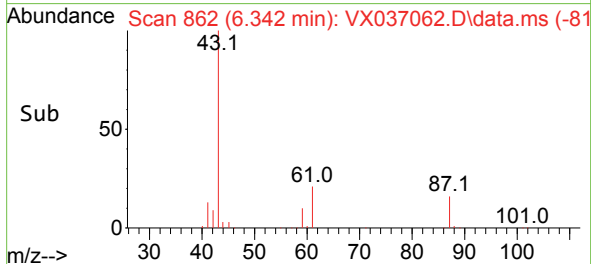
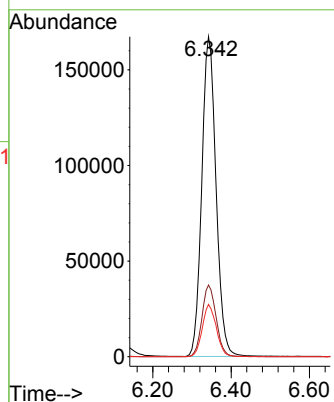
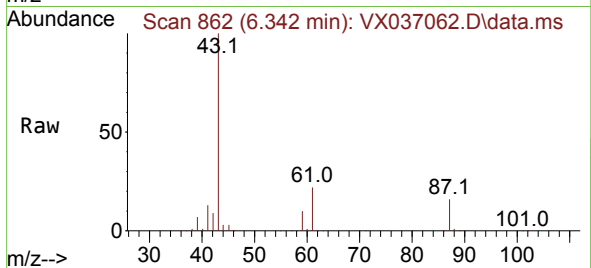




#43
Isopropyl Acetate
Concen: 101.637 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

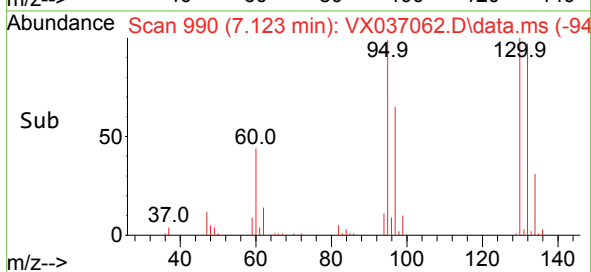
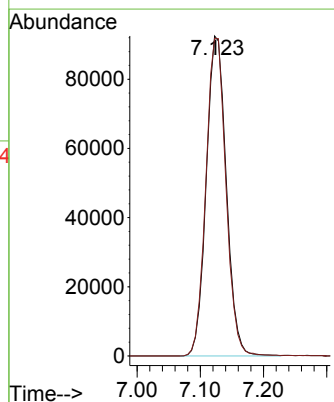
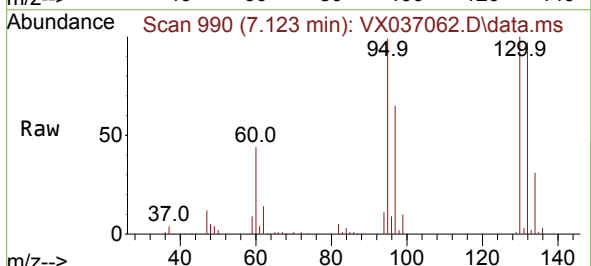
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 423320
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 16.1 9.8 14.6#



#44
Trichloroethene
Concen: 97.638 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:130 Resp: 203923
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.4

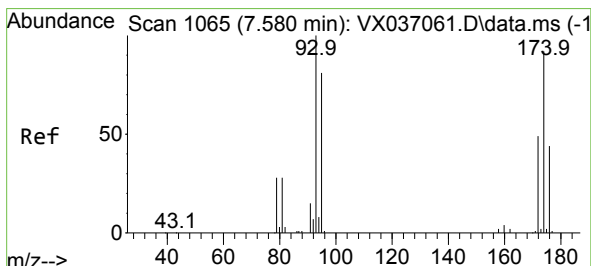
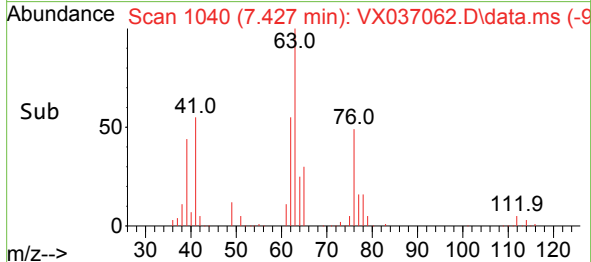
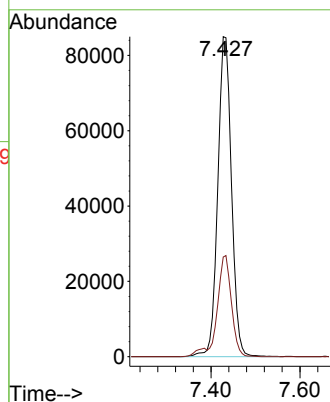
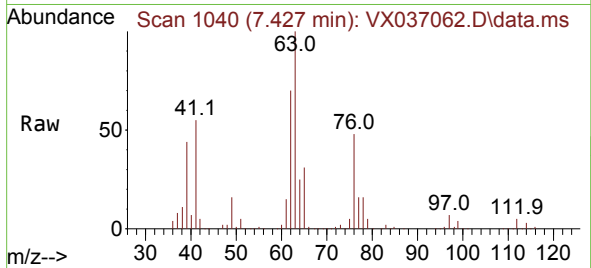




#45
1,2-Dichloropropane
Concen: 99.847 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

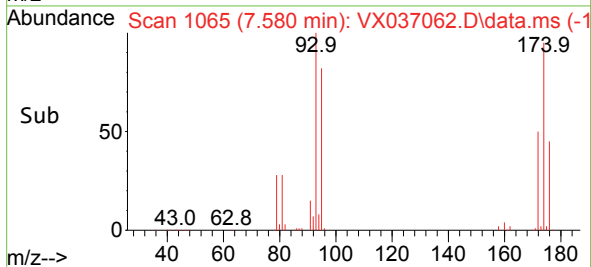
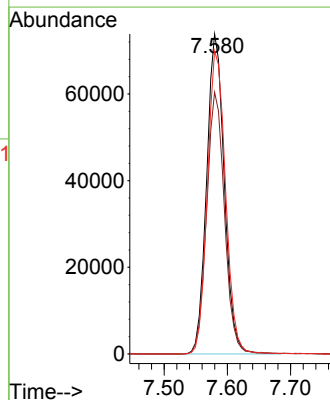
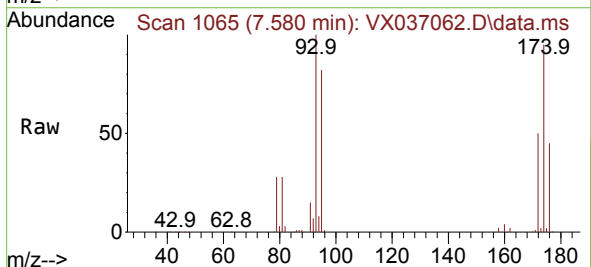
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 181335
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5



#46
Dibromomethane
Concen: 100.445 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 93 Resp: 143709
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 97.3 69.4 104.0

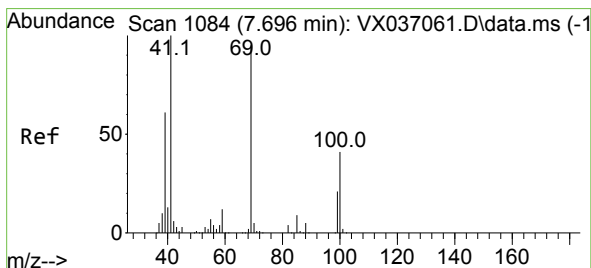
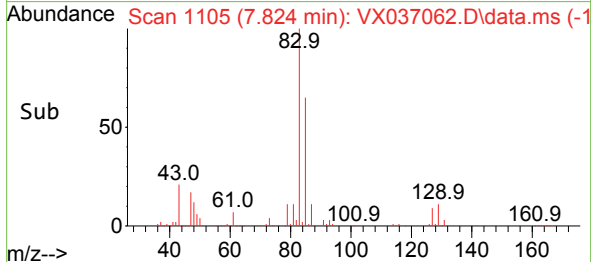
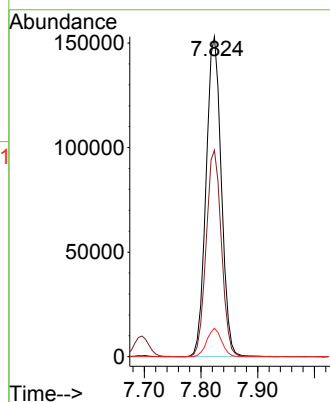
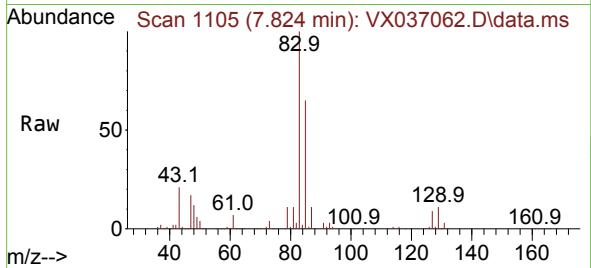




#47
Bromodichloromethane
Concen: 103.897 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

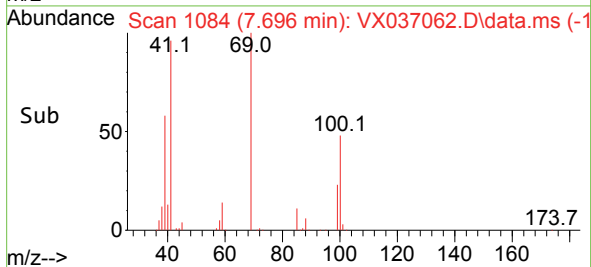
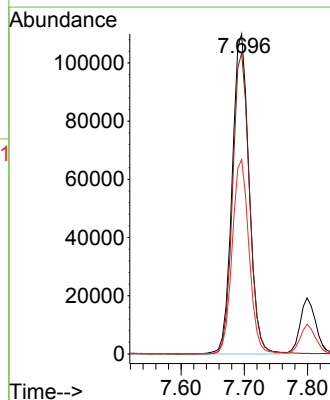
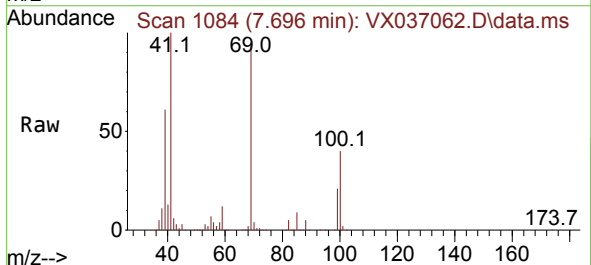
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

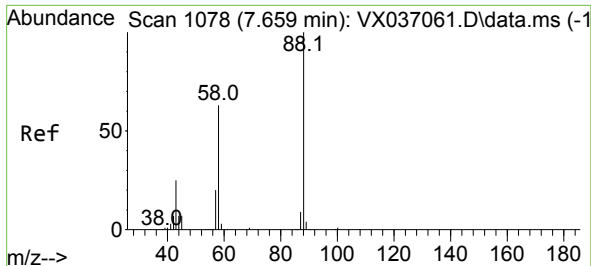
Tgt Ion: 83 Resp: 284716
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 100.817 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 41 Resp: 204778
Ion Ratio Lower Upper
41 100
69 93.7 59.2 88.8
39 60.5 47.7 71.5

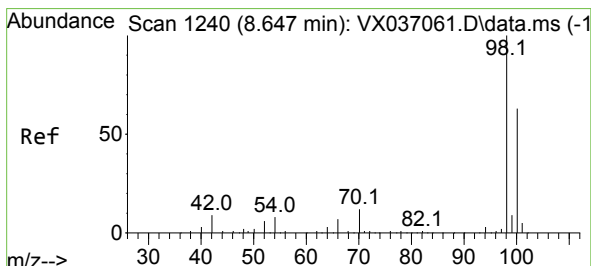
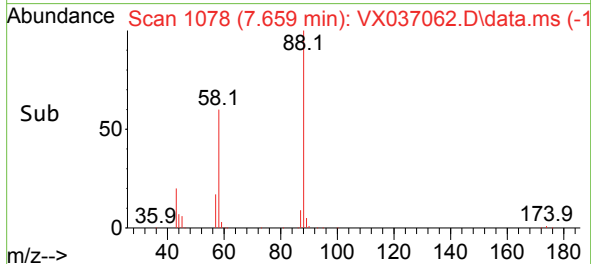
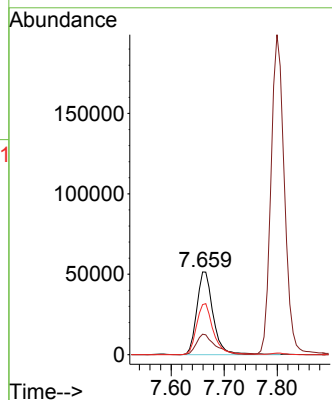
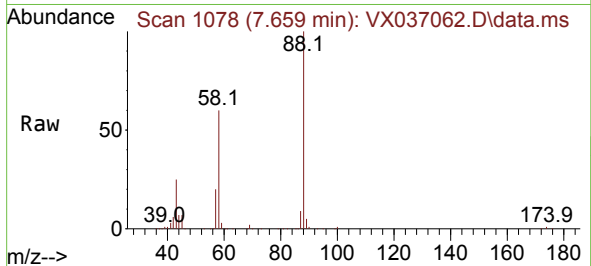




#49
1,4-Dioxane
Concen: 2012.887 ug/l
RT: 7.659 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

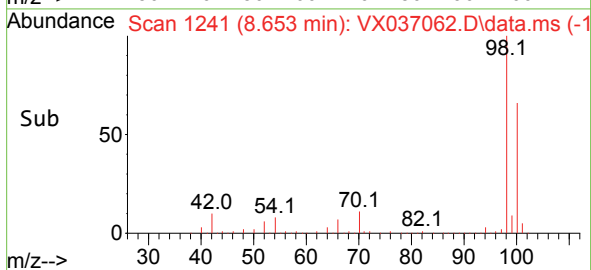
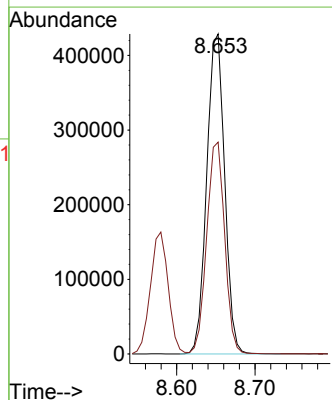
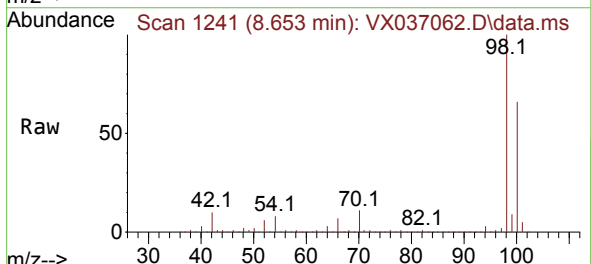
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 110112
Ion Ratio Lower Upper
88 100
43 28.5 0.0 0.0#
58 63.4 60.1 90.1



#50
Toluene-d8
Concen: 103.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 98 Resp: 680521
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

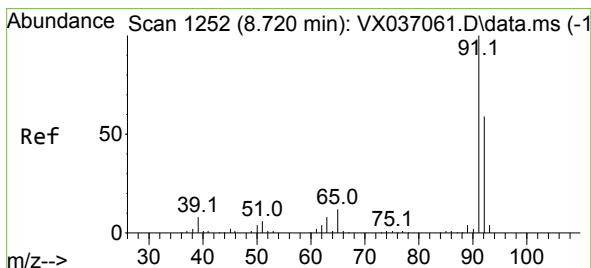
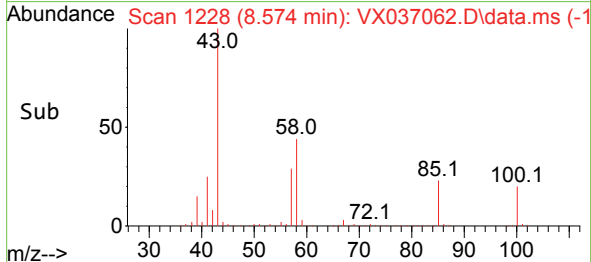
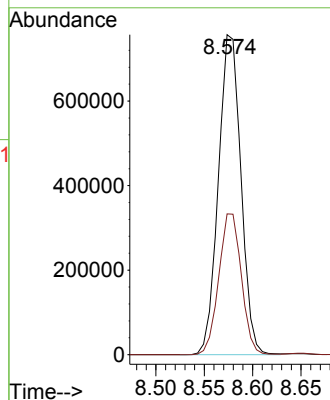
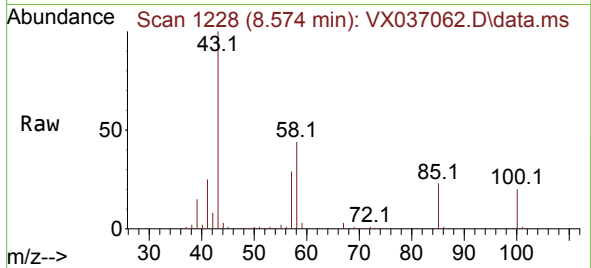




#51
4-Methyl-2-Pentanone
Concen: 484.885 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

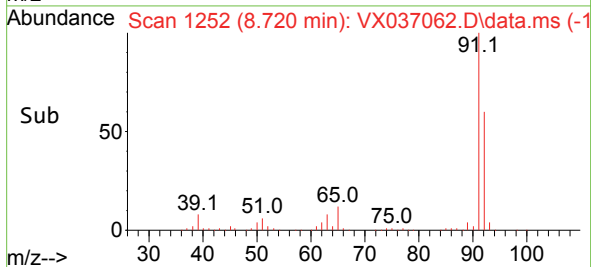
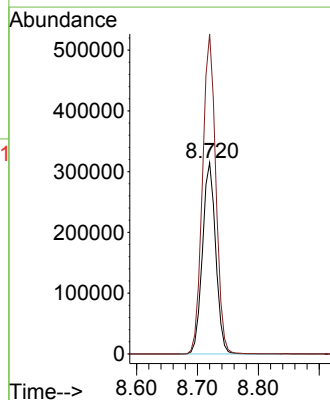
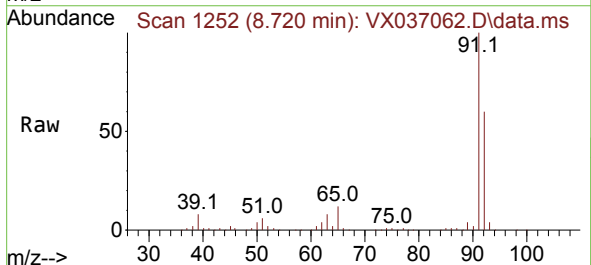
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

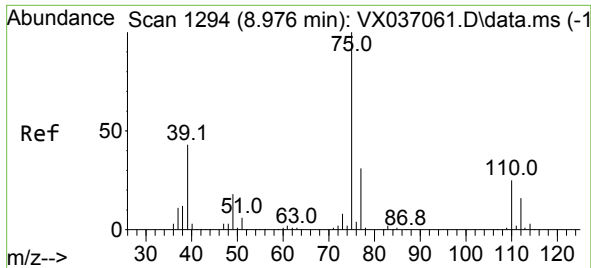
Tgt Ion: 43 Resp: 1226328
Ion Ratio Lower Upper
43 100
58 44.1 30.4 45.6



#52
Toluene
Concen: 97.877 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 92 Resp: 476330
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2

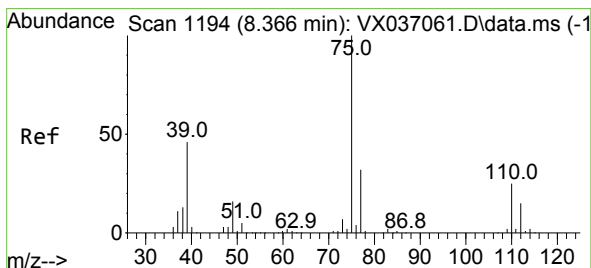
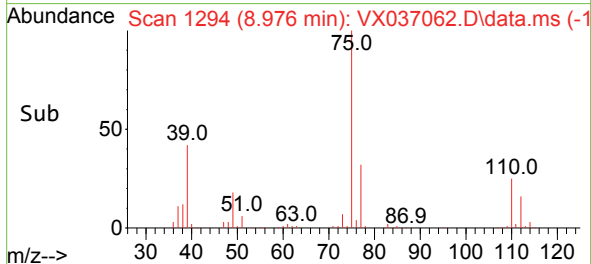
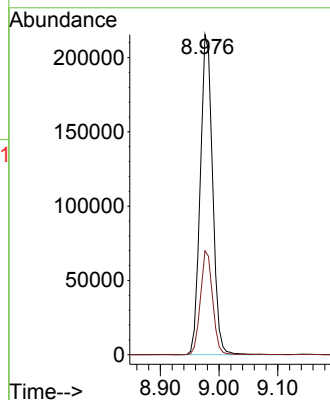
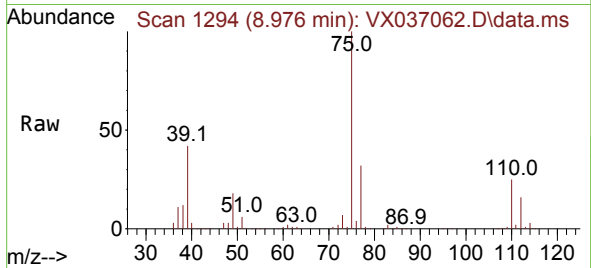




#53
 t-1,3-Dichloropropene
 Concen: 107.803 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

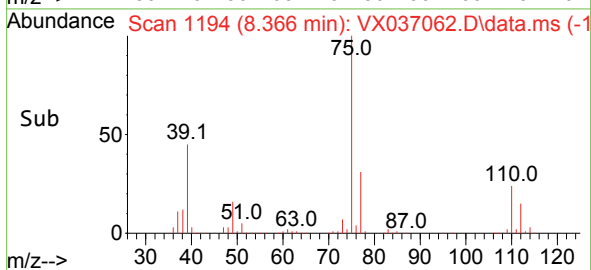
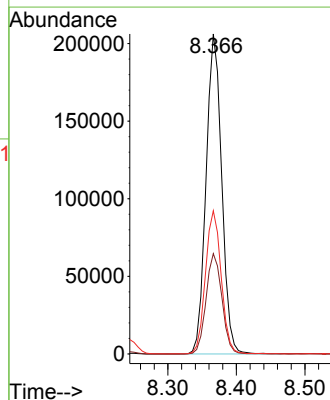
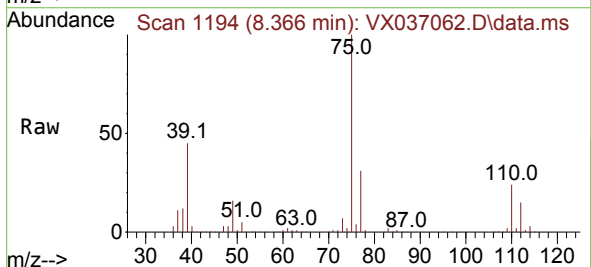
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

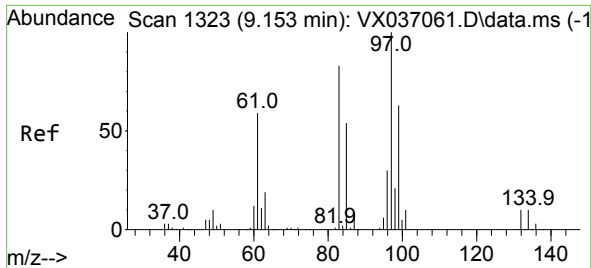
Tgt Ion: 75 Resp: 314550
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 103.907 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion: 75 Resp: 327634
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 44.7 46.7 70.1#

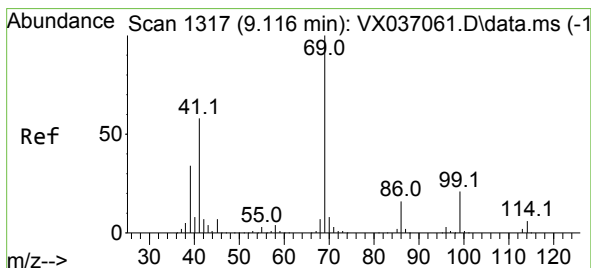
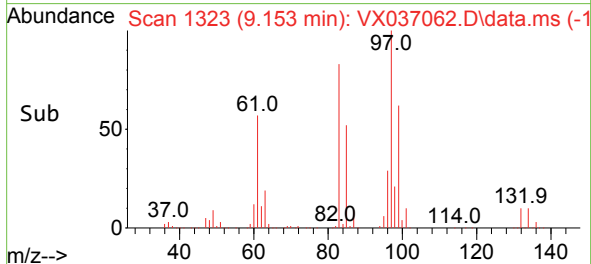
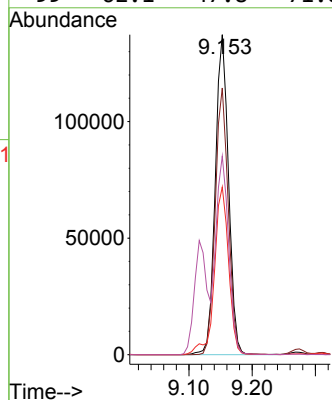
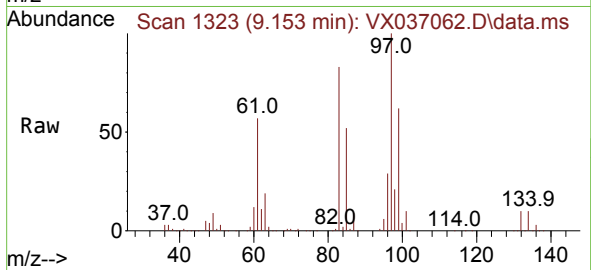




#55
1,1,2-Trichloroethane
Concen: 100.669 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

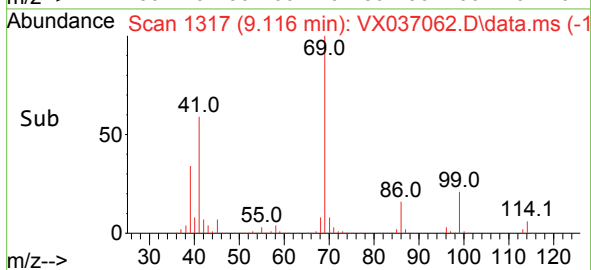
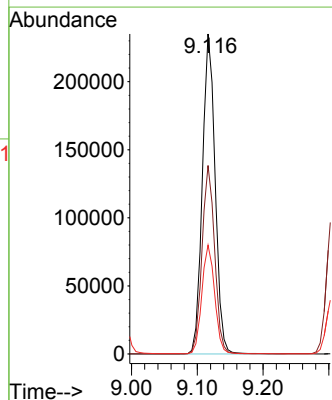
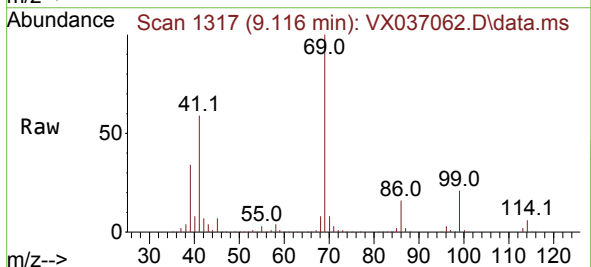
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

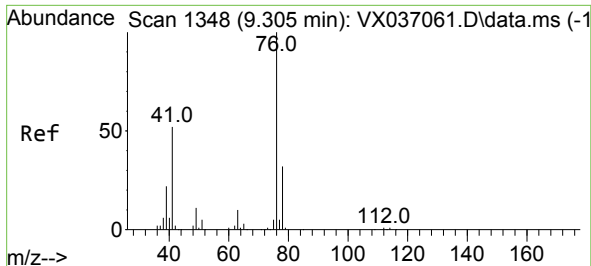
Tgt Ion:	97	Resp:	199492
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	52.4	41.6	62.4
99	62.1	47.8	71.8



#56
Ethyl methacrylate
Concen: 102.178 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:	69	Resp:	317159
Ion	Ratio	Lower	Upper
69	100		
41	58.2	56.8	85.2
39	34.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 98.449 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

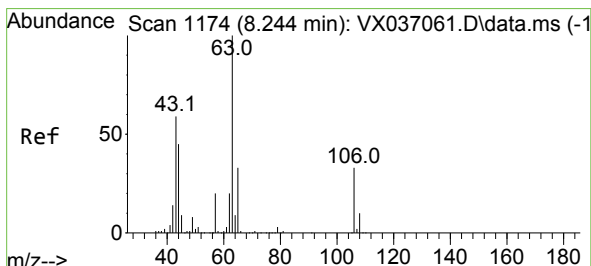
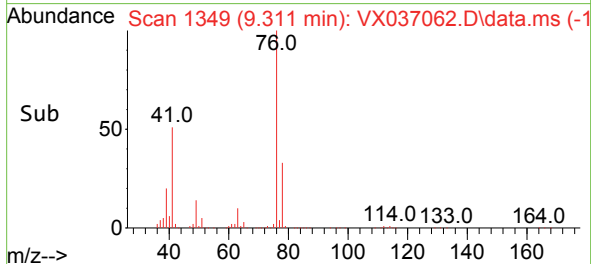
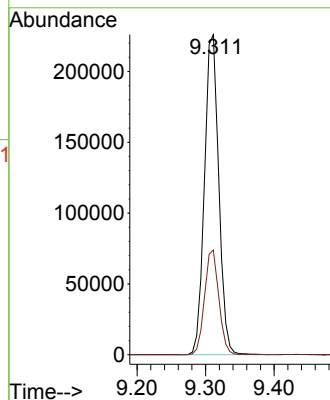
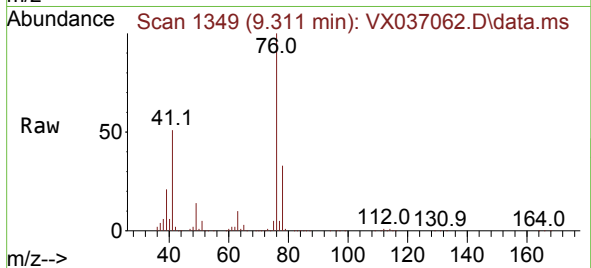
VSTDICC100

Tgt Ion: 76 Resp: 328879

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 509.247 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037062.D

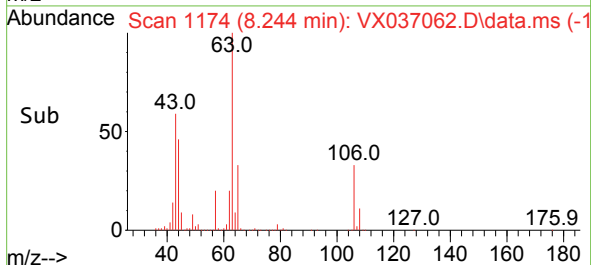
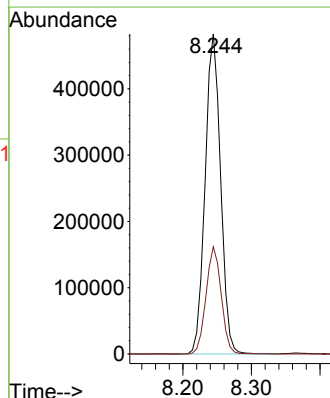
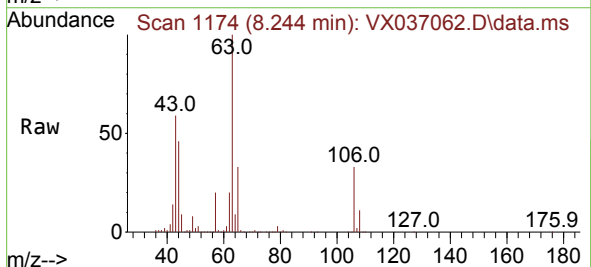
Acq: 17 Aug 2023 15:34

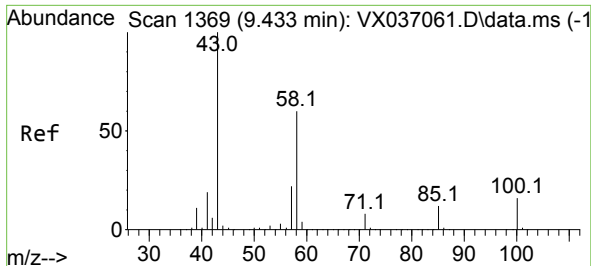
Tgt Ion: 63 Resp: 758565

Ion Ratio Lower Upper

63 100

106 32.9 22.5 33.7





#59

2-Hexanone

Concen: 496.219 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

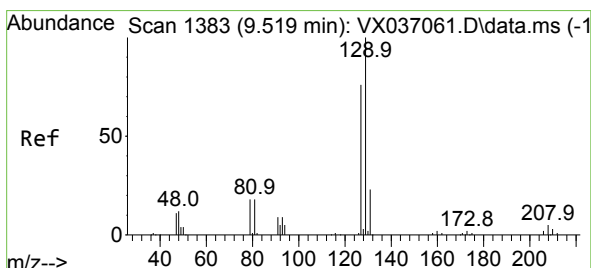
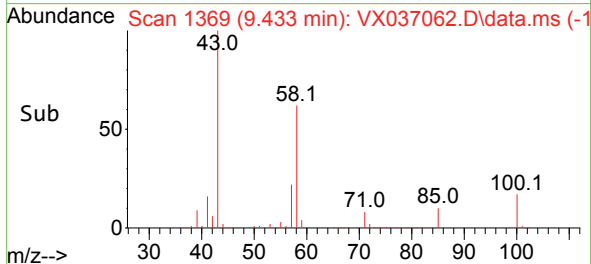
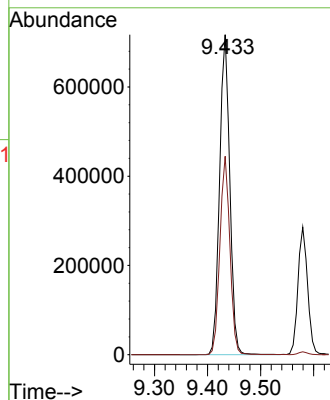
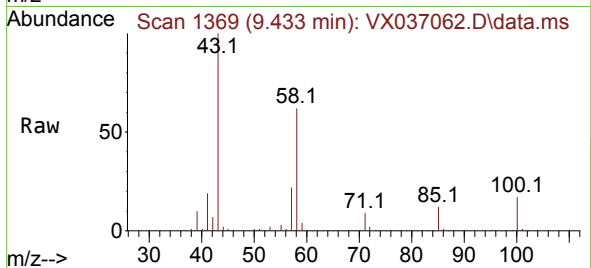
VSTDIC100

Tgt Ion: 43 Resp: 956902

Ion Ratio Lower Upper

43 100

58 61.1 26.2 78.5



#60

Dibromochloromethane

Concen: 107.147 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037062.D

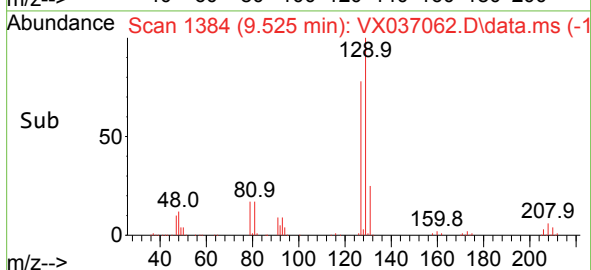
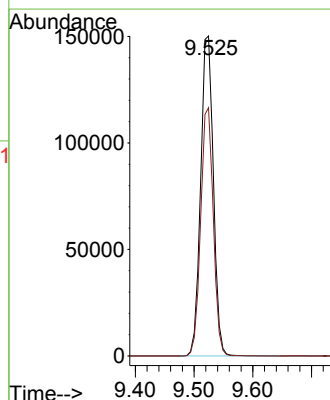
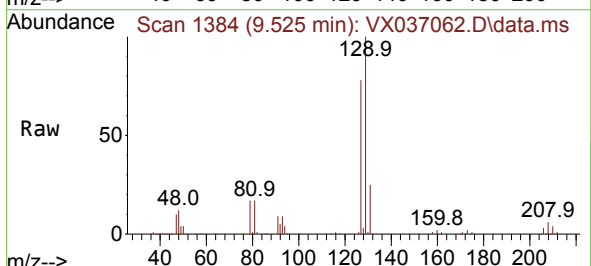
Acq: 17 Aug 2023 15:34

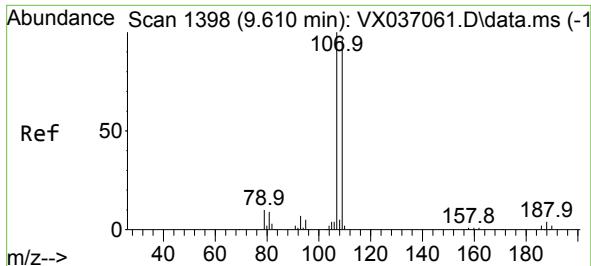
Tgt Ion: 129 Resp: 226065

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4

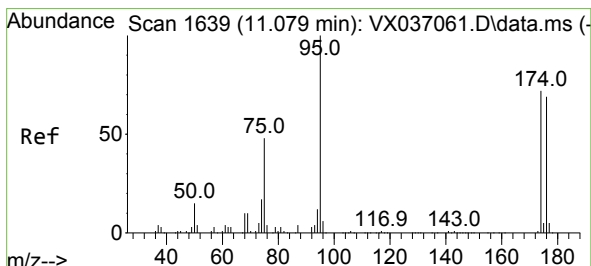
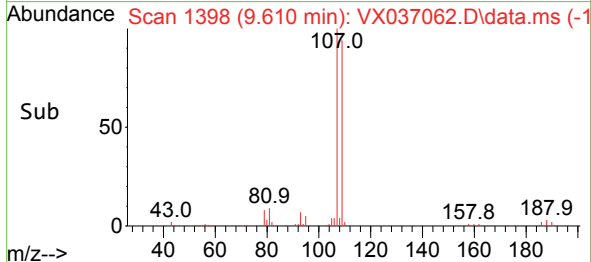
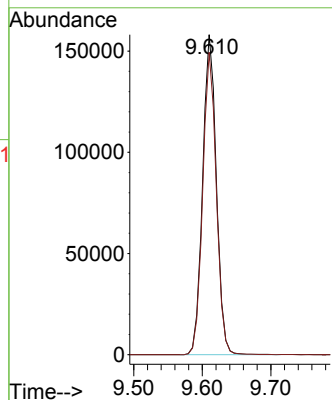
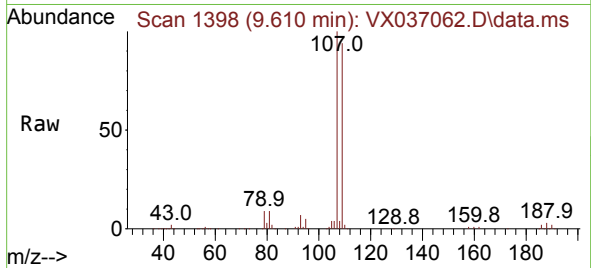




#61
1,2-Dibromoethane
Concen: 101.512 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

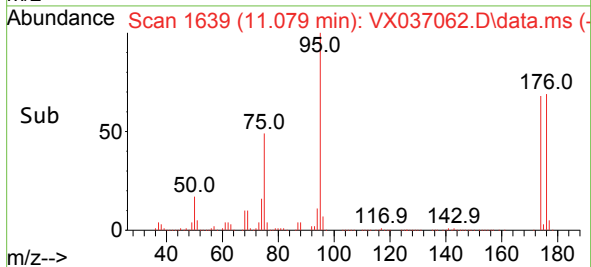
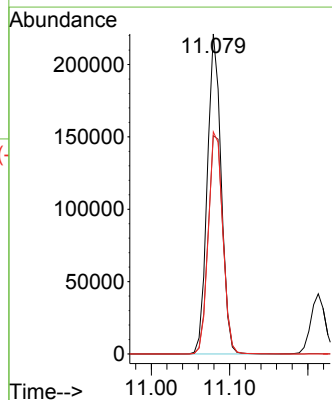
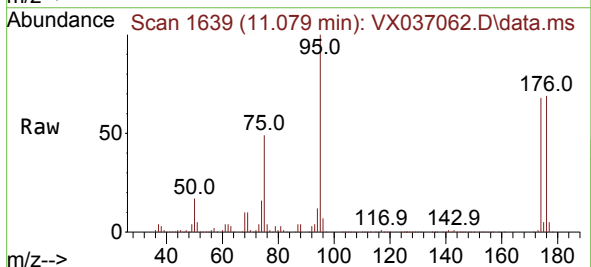
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

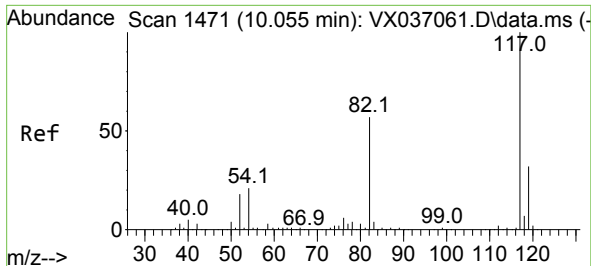
Tgt Ion:107 Resp: 220247
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 105.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 95 Resp: 270579
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 72.5 0.0 131.0

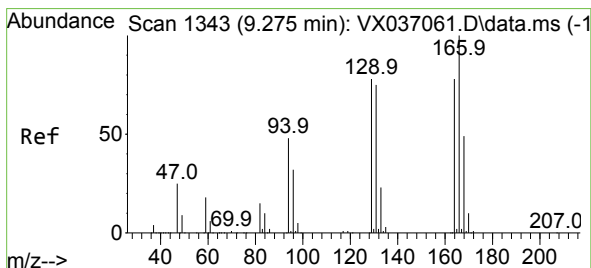
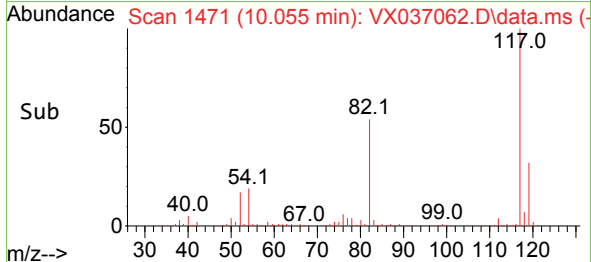
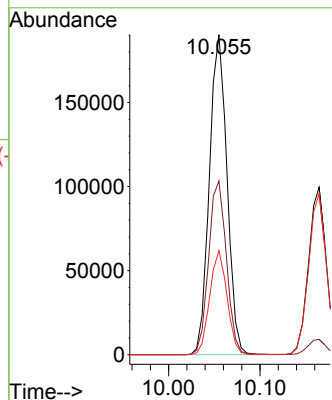
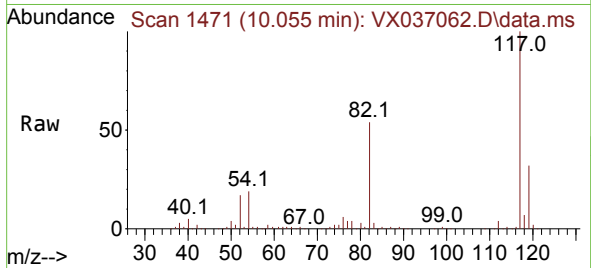




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

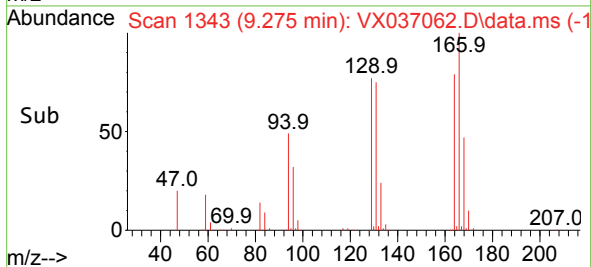
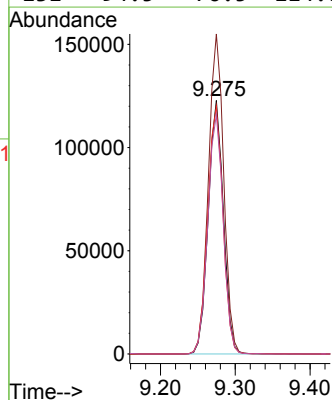
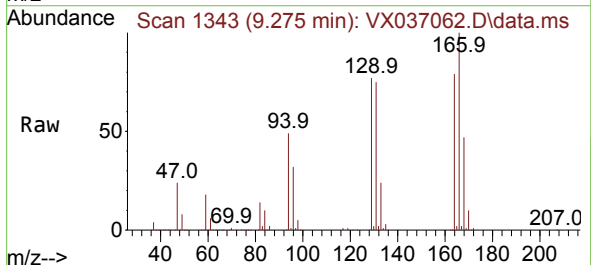
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

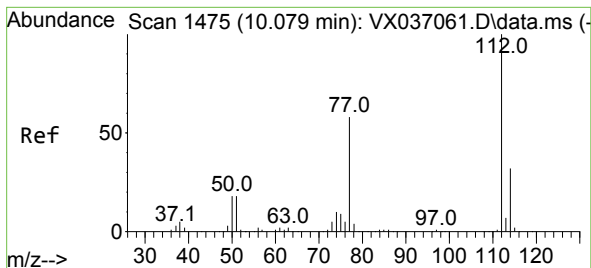
Tgt Ion:117 Resp: 254590
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 93.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:164 Resp: 173249
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 97.9 80.4 120.6
131 94.5 76.5 114.7





#65

Chlorobenzene

Concen: 96.183 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

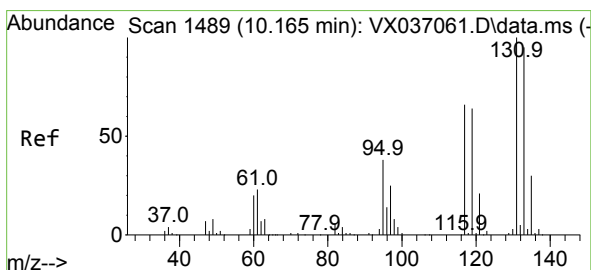
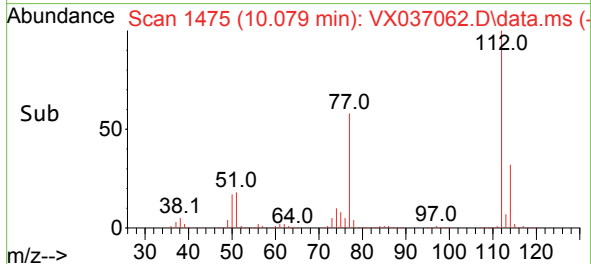
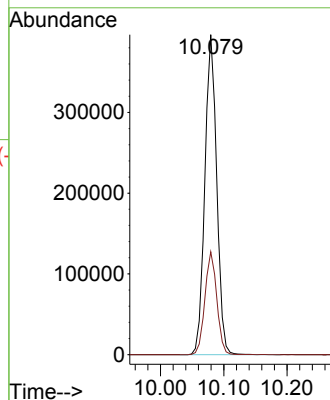
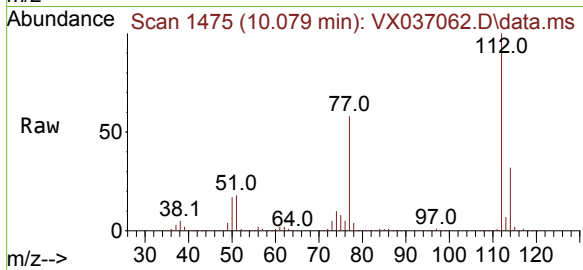
VSTDIC100

Tgt Ion:112 Resp: 517546

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 102.235 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

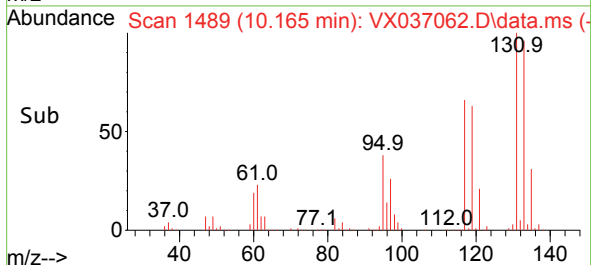
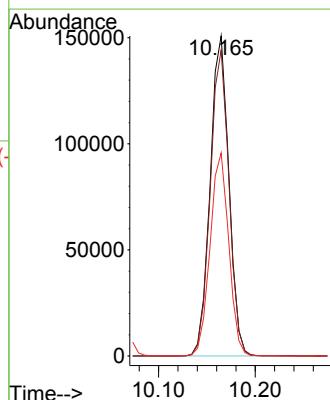
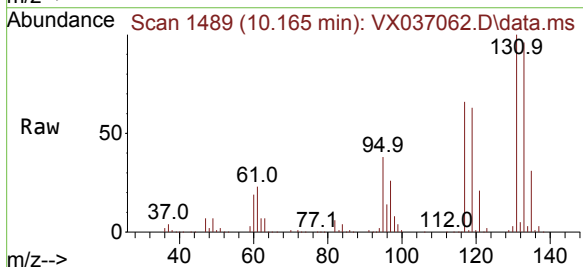
Tgt Ion:131 Resp: 203033

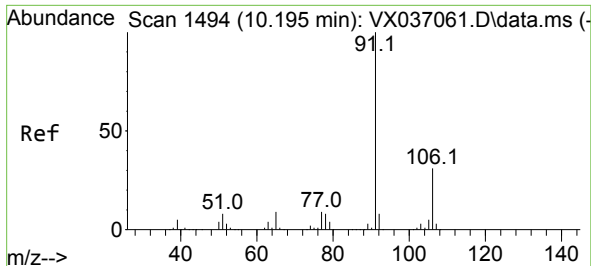
Ion Ratio Lower Upper

131 100

133 95.6 47.1 141.4

119 63.4 32.2 96.6





#67

Ethyl Benzene

Concen: 95.508 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

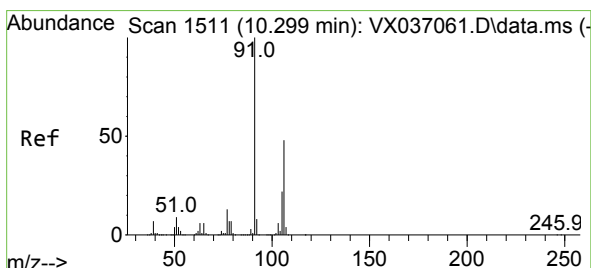
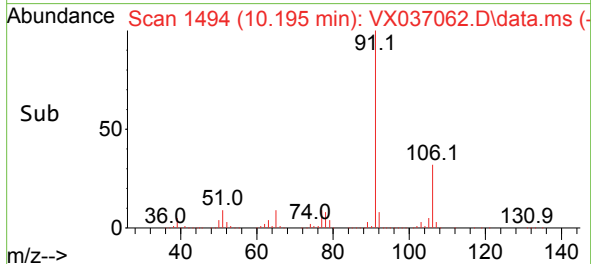
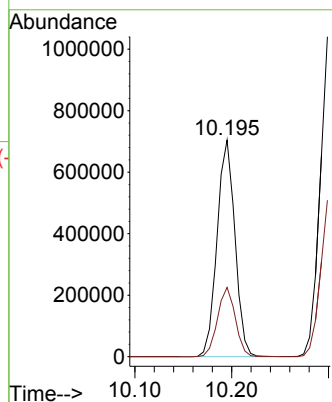
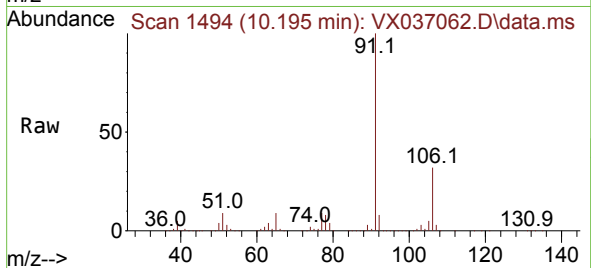
VSTDICC100

Tgt Ion: 91 Resp: 904296

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 192.748 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037062.D

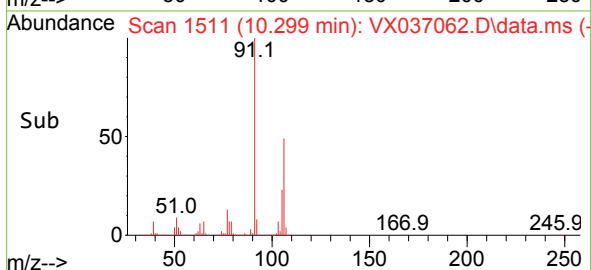
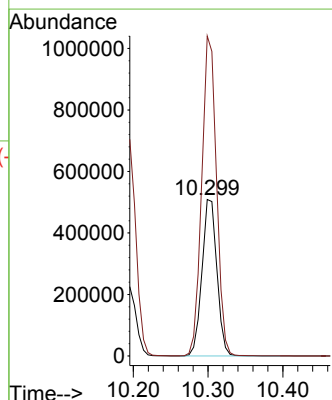
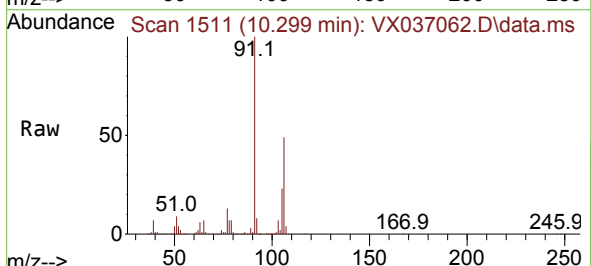
Acq: 17 Aug 2023 15:34

Tgt Ion: 106 Resp: 704766

Ion Ratio Lower Upper

106 100

91 202.8 165.5 248.3

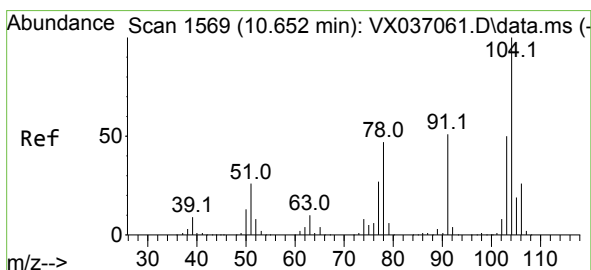
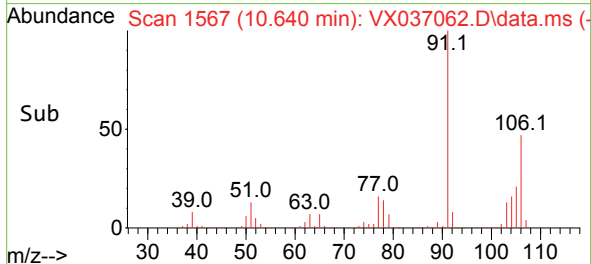
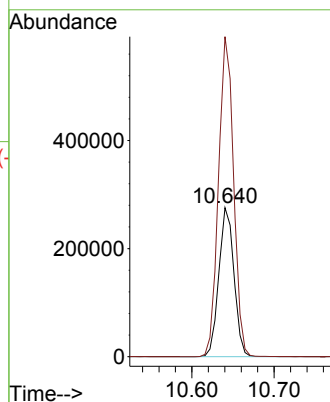
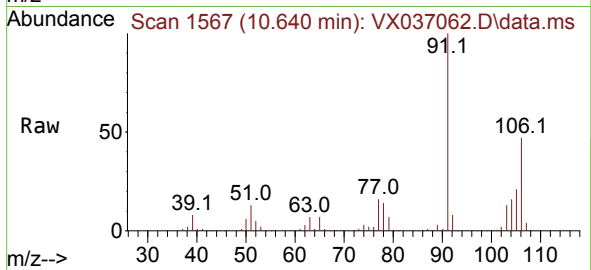




#69
o-Xylene
Concen: 97.537 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

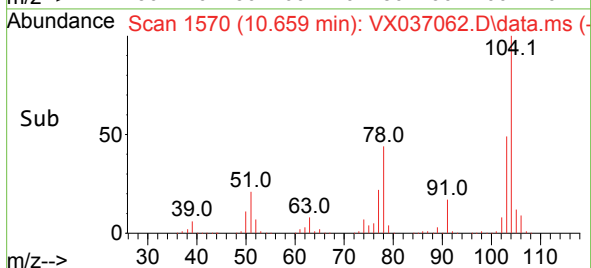
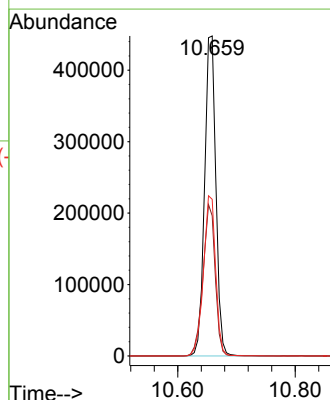
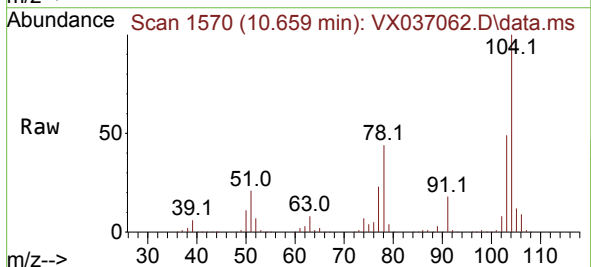
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

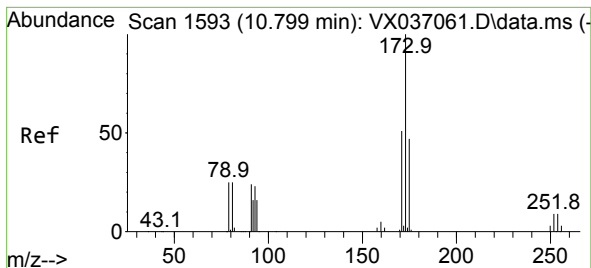
Tgt Ion:106 Resp: 351860
Ion Ratio Lower Upper
106 100
91 214.5 108.9 326.8



#70
Styrene
Concen: 100.863 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:104 Resp: 599359
Ion Ratio Lower Upper
104 100
78 51.1 43.6 65.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 113.446 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

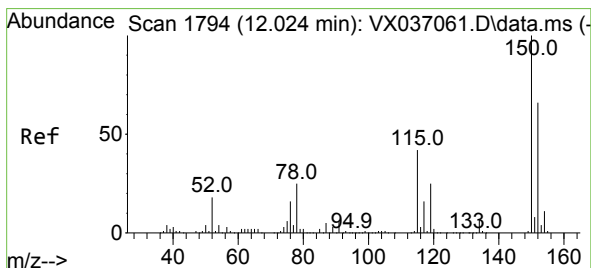
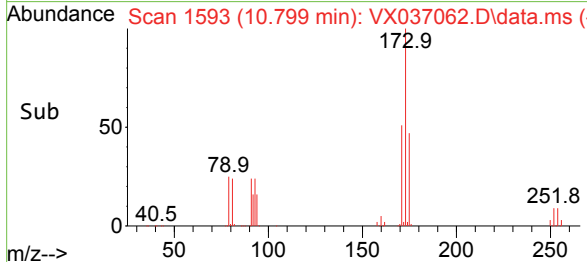
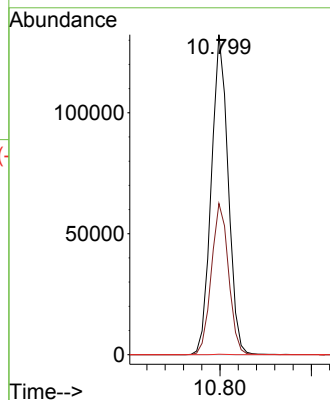
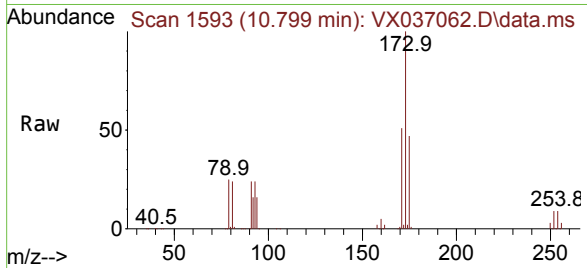
Tgt Ion:173 Resp: 168525

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

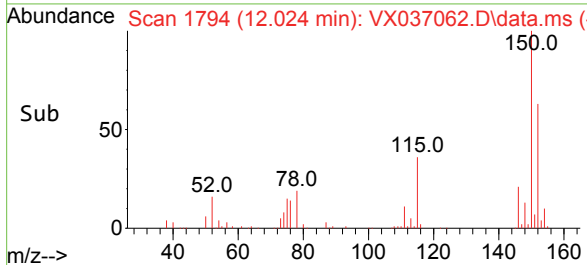
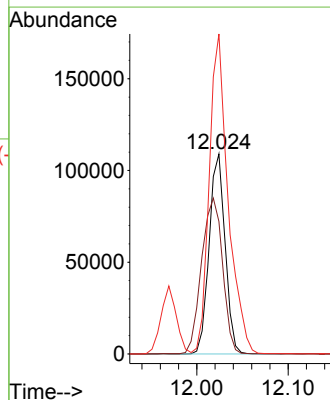
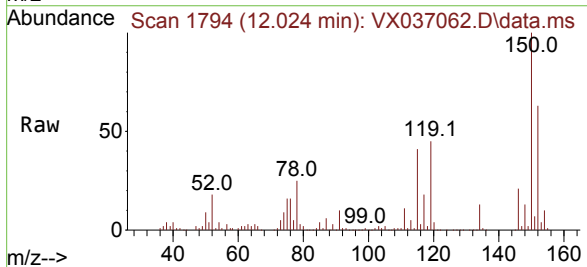
Tgt Ion:152 Resp: 131904

Ion Ratio Lower Upper

152 100

115 103.2 43.3 129.9

150 189.7 0.0 345.0

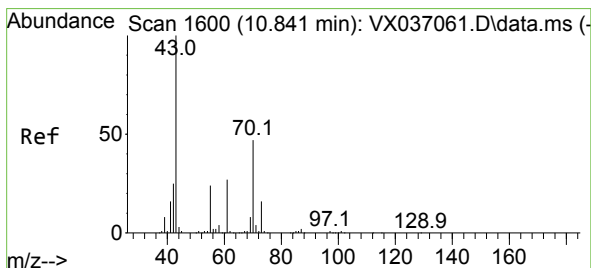
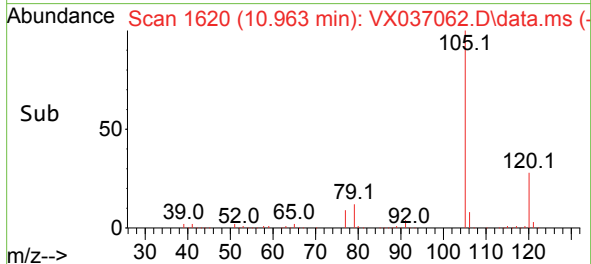
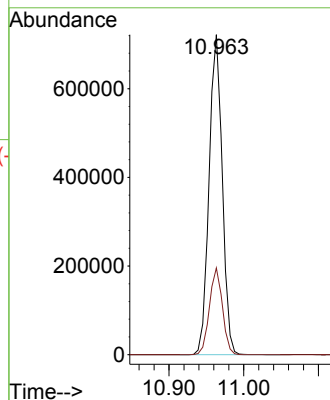
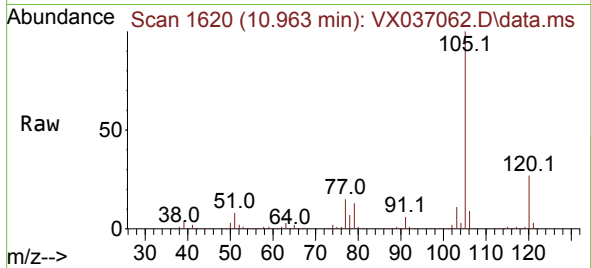




#73
Isopropylbenzene
Concen: 91.897 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

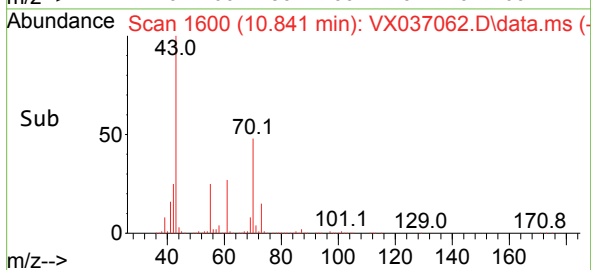
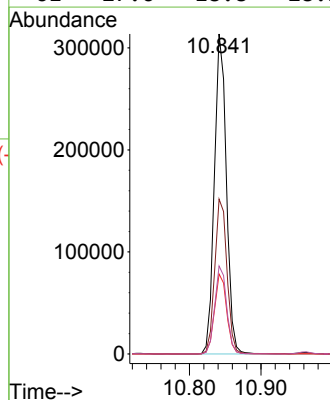
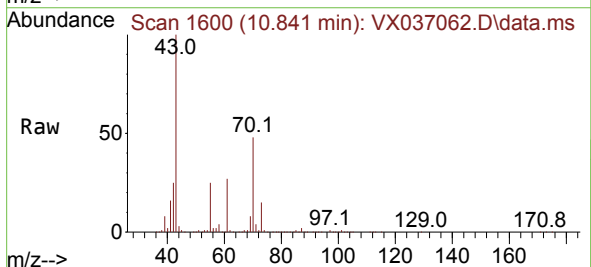
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 881060
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6



#74
N-ethyl acetate
Concen: 97.989 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 43 Resp: 365042
Ion Ratio Lower Upper
43 100
70 49.6 32.9 49.3#
55 25.4 19.3 28.9
61 27.6 18.8 28.2

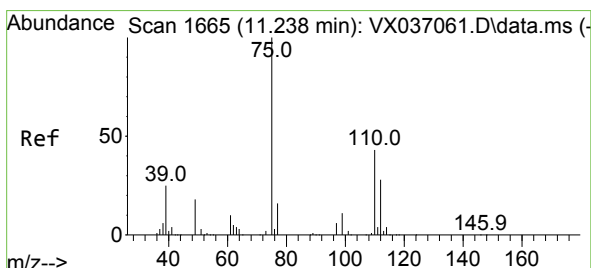
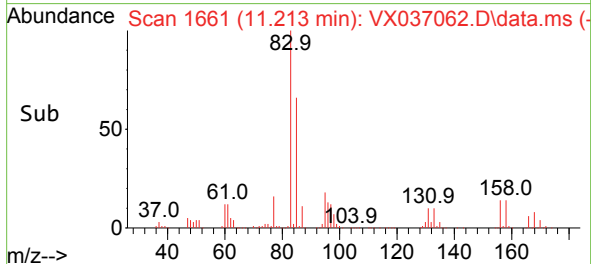
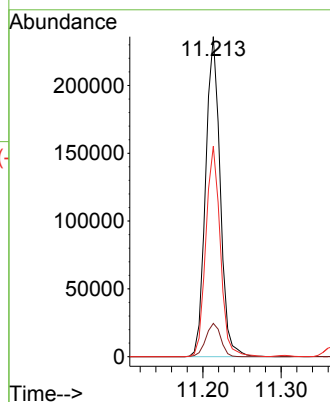
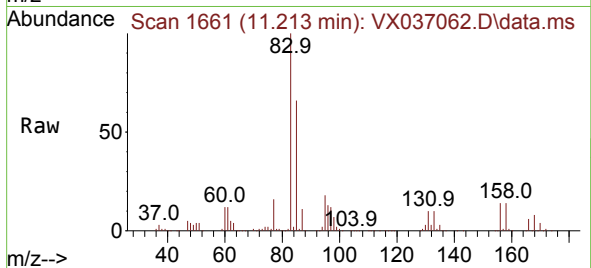




#75
 1,1,2,2-Tetrachloroethane
 Concen: 94.201 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

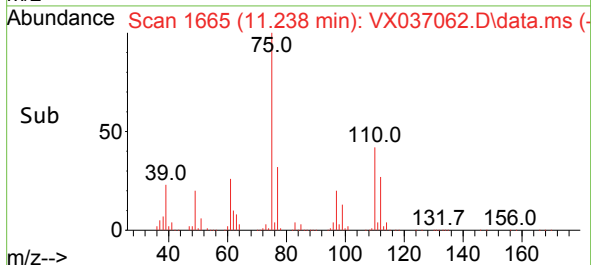
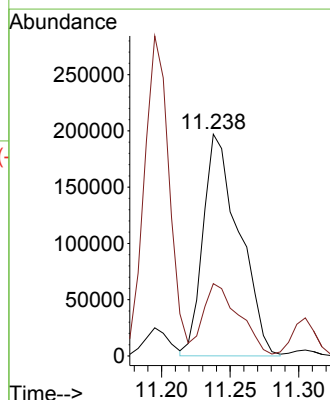
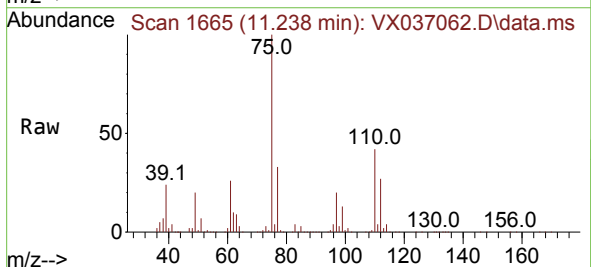
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

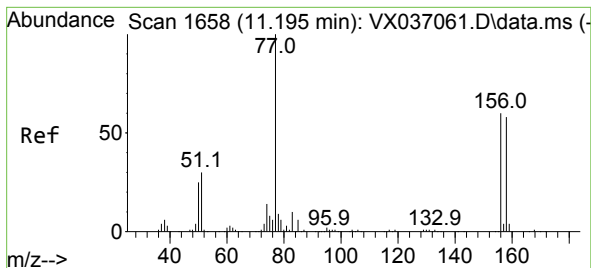
Tgt Ion: 83 Resp: 304156
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 15.8
 85 65.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 128.459 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion: 75 Resp: 360857
 Ion Ratio Lower Upper
 75 100
 77 32.6 19.1 57.5





#77

Bromobenzene

Concen: 96.865 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

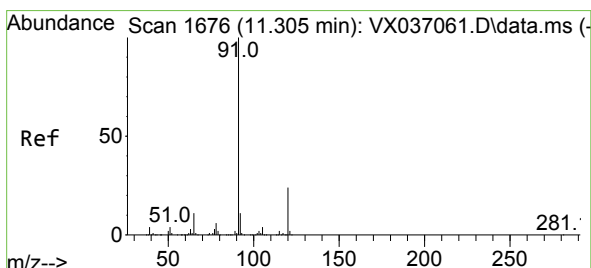
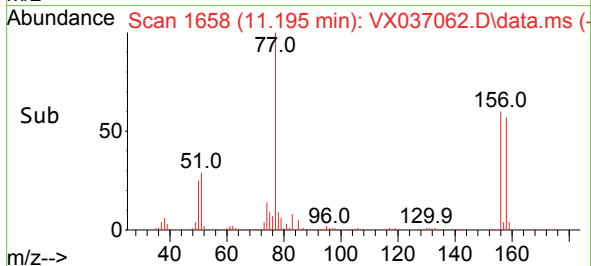
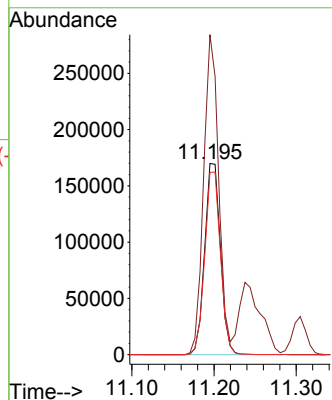
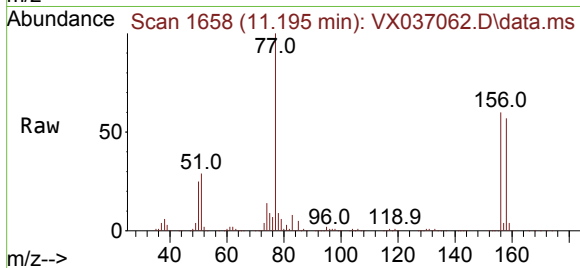
Tgt Ion:156 Resp: 226810

Ion Ratio Lower Upper

156 100

77 158.9 88.4 265.3

158 95.4 48.0 144.0



#78

n-propylbenzene

Concen: 93.449 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037062.D

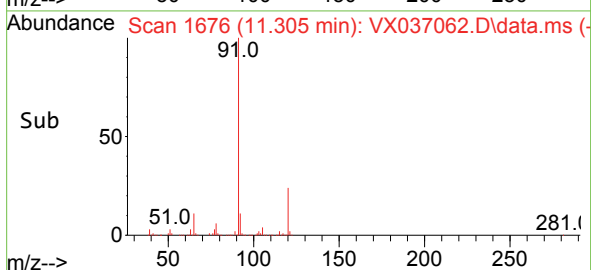
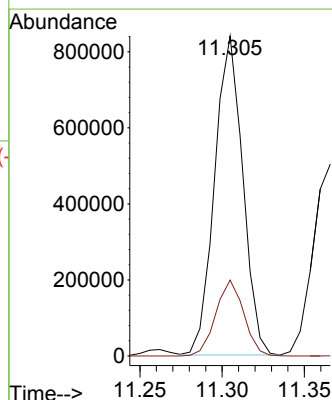
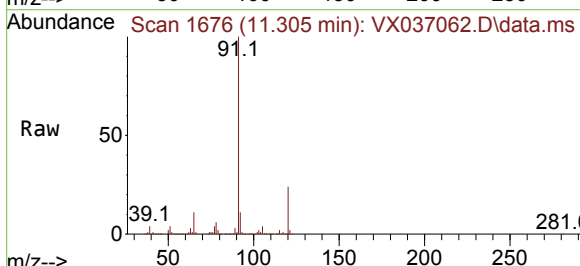
Acq: 17 Aug 2023 15:34

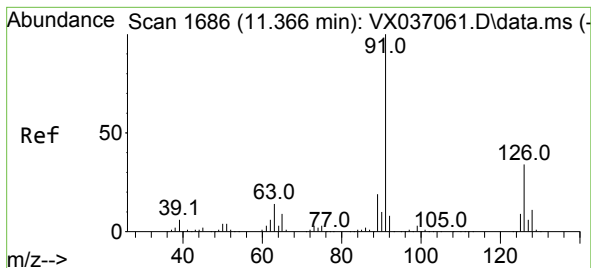
Tgt Ion: 91 Resp: 997637

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 92.992 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

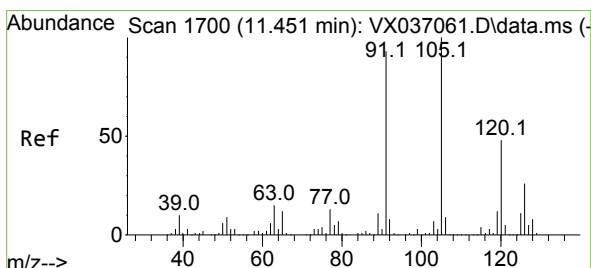
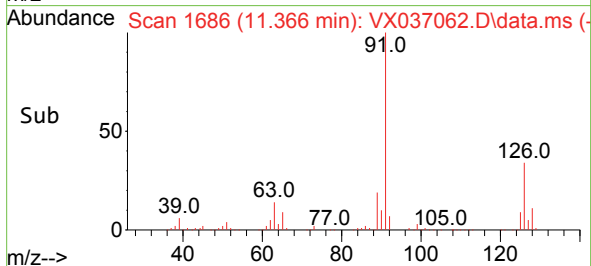
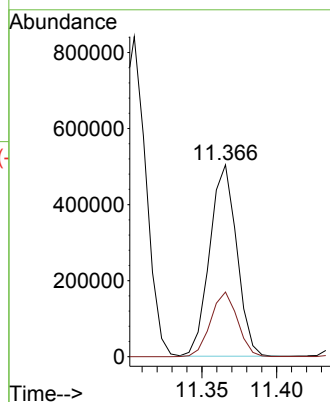
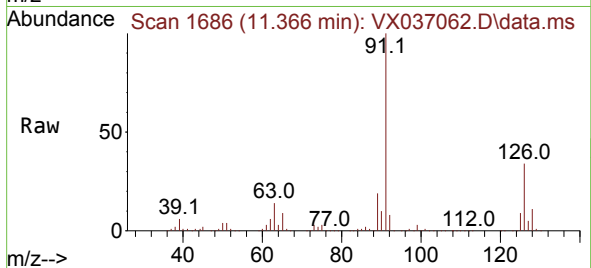
VSTDIC100

Tgt Ion: 91 Resp: 634418

Ion Ratio Lower Upper

91 100

126 33.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 93.993 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037062.D

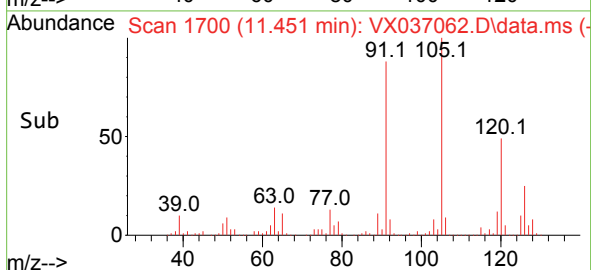
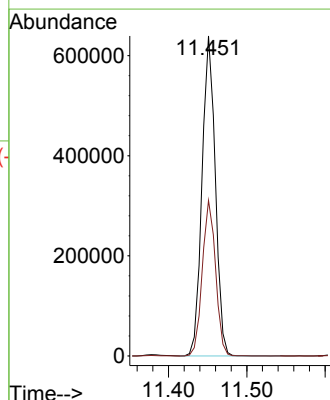
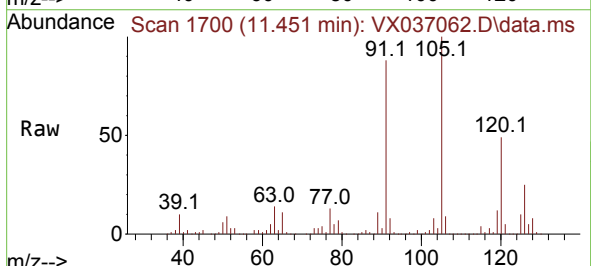
Acq: 17 Aug 2023 15:34

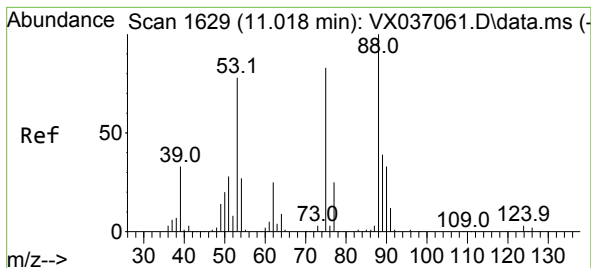
Tgt Ion: 105 Resp: 751720

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

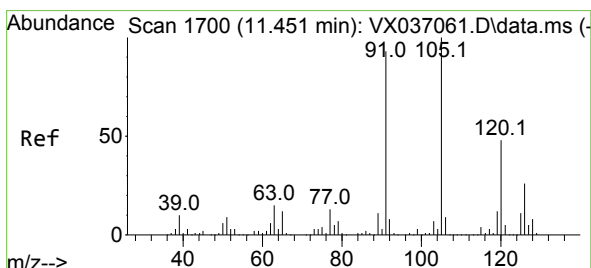
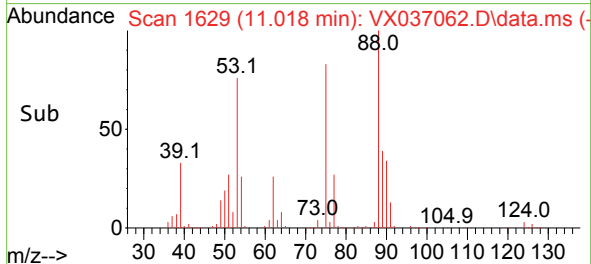
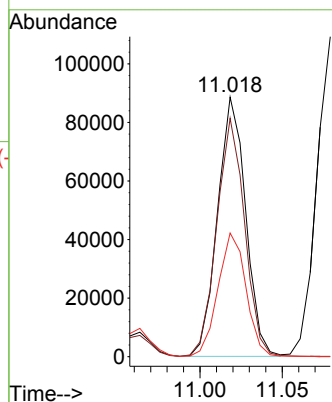
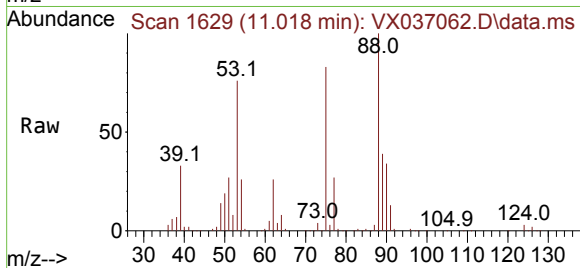




#81
trans-1,4-Dichloro-2-butene
Concen: 104.919 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

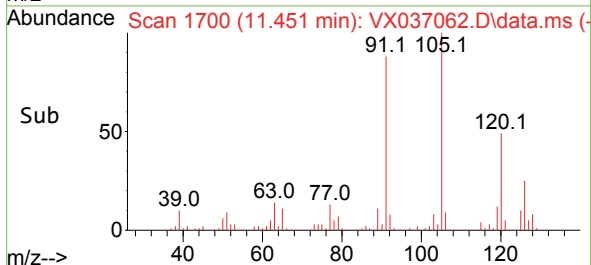
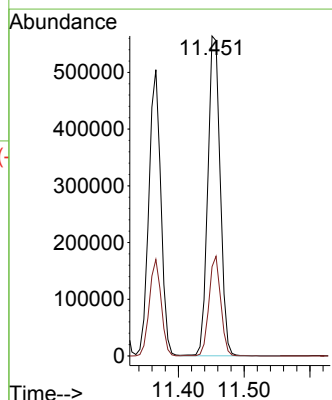
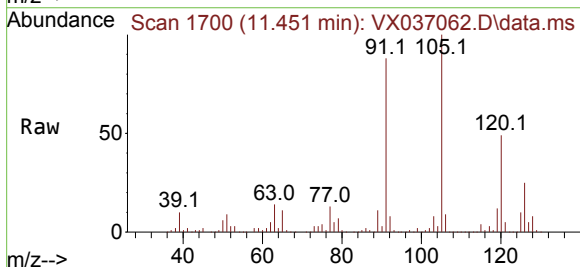
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

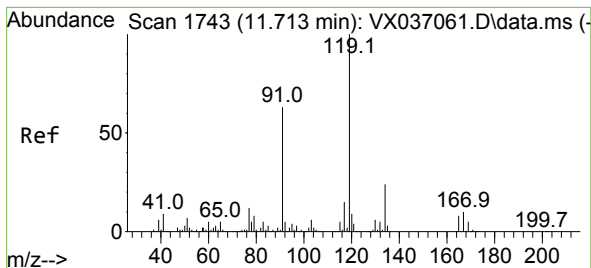
Tgt Ion: 75 Resp: 105523
Ion Ratio Lower Upper
75 100
53 90.7 90.5 135.7
89 47.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 93.885 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 91 Resp: 739359
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 93.883 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

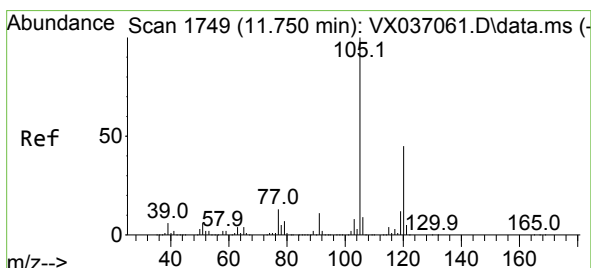
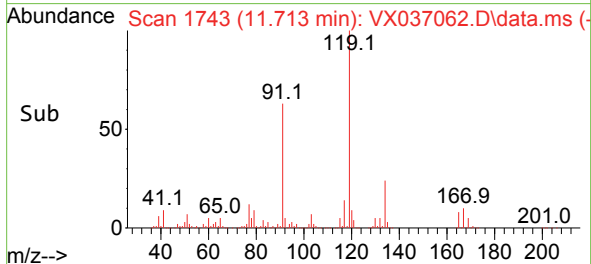
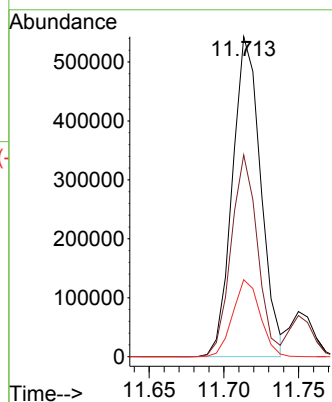
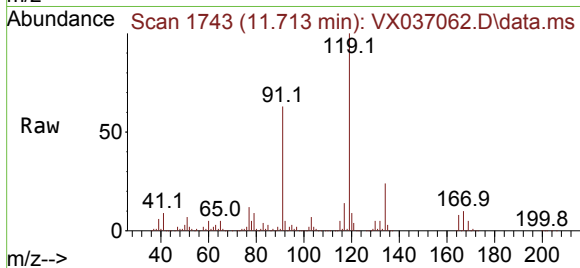
Tgt Ion:119 Resp: 716070

Ion Ratio Lower Upper

119 100

91 59.0 31.2 93.6

134 23.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 94.793 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037062.D

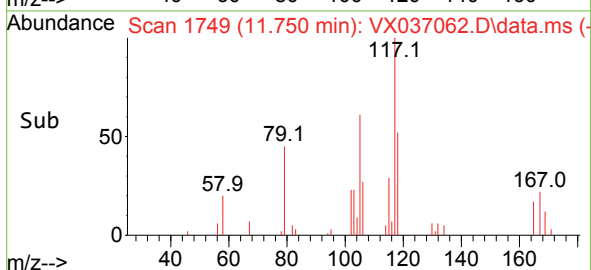
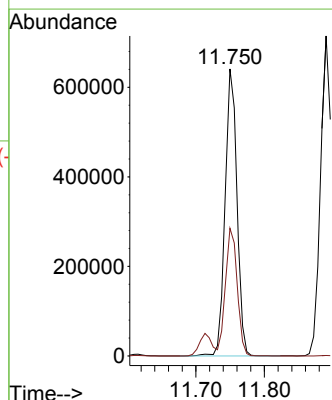
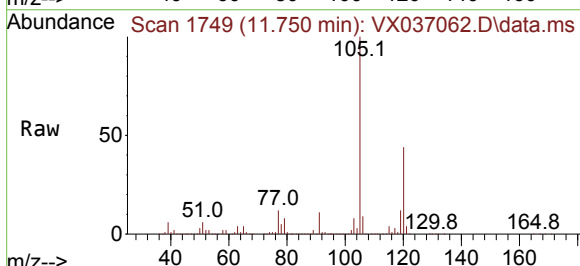
Acq: 17 Aug 2023 15:34

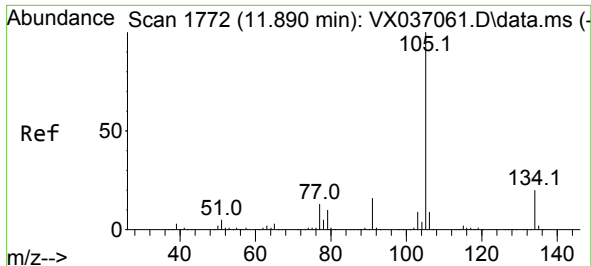
Tgt Ion:105 Resp: 766188

Ion Ratio Lower Upper

105 100

120 44.2 21.2 63.6

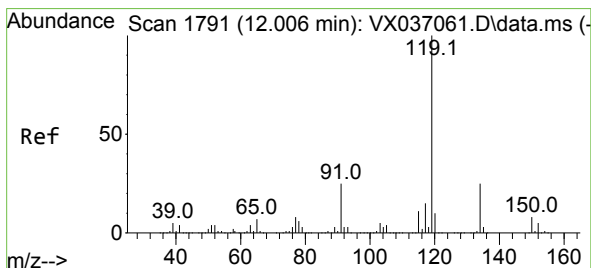
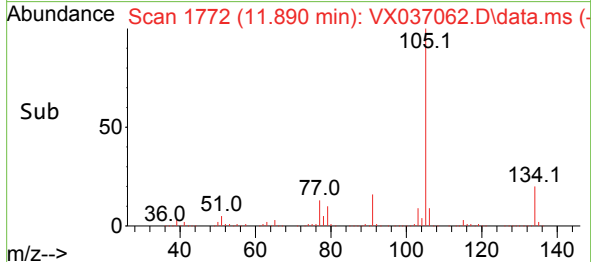
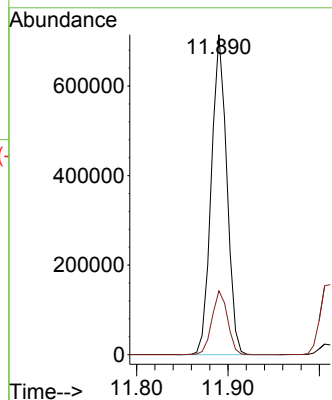
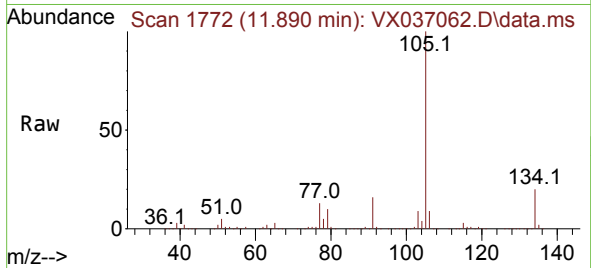




#85
 sec-Butylbenzene
 Concen: 94.088 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

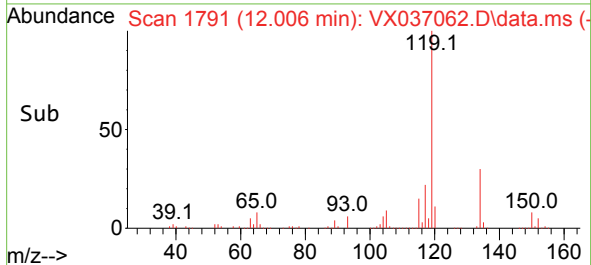
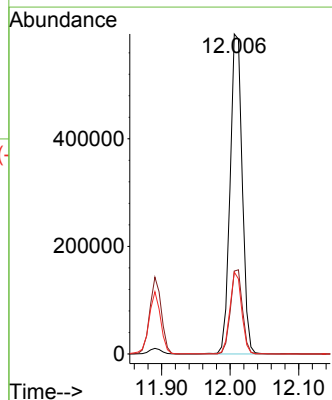
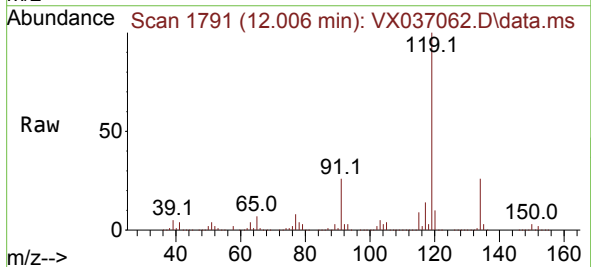
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 838226
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 94.884 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037062.D
 Acq: 17 Aug 2023 15:34

Tgt Ion:119 Resp: 727694
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 96.412 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

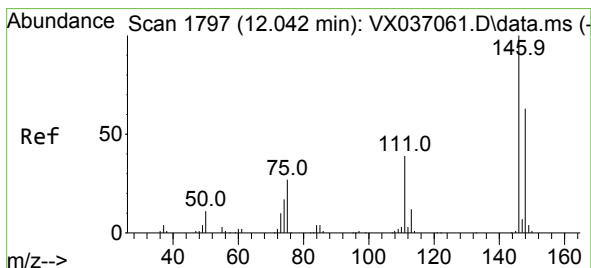
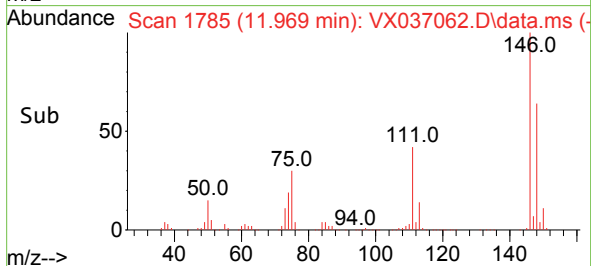
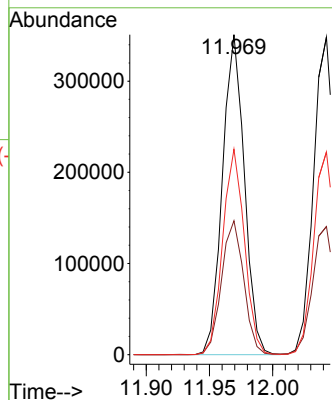
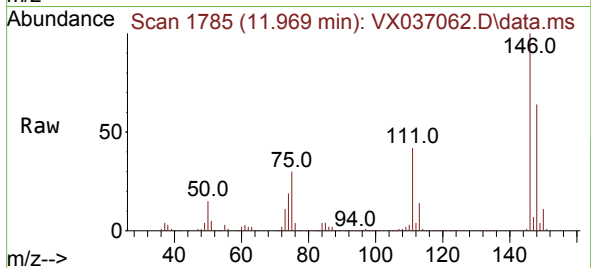
Tgt Ion:146 Resp: 422654

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 96.096 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

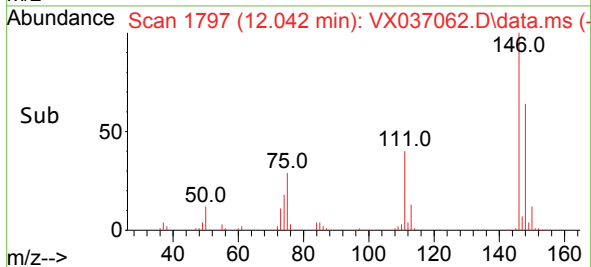
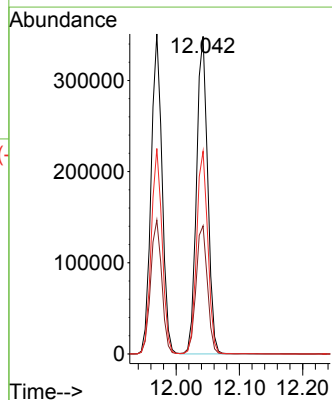
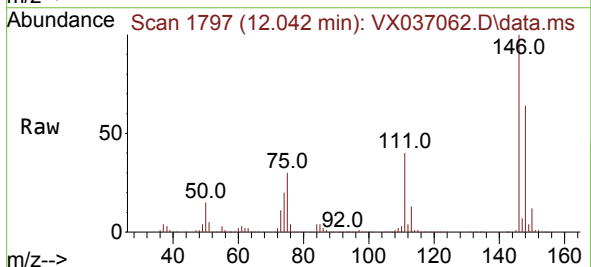
Tgt Ion:146 Resp: 427940

Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 64.1 31.8 95.4

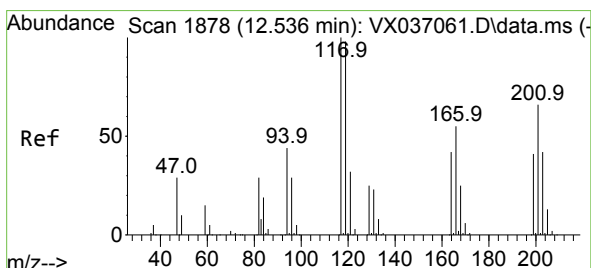
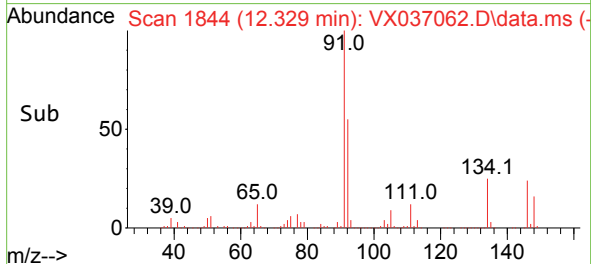
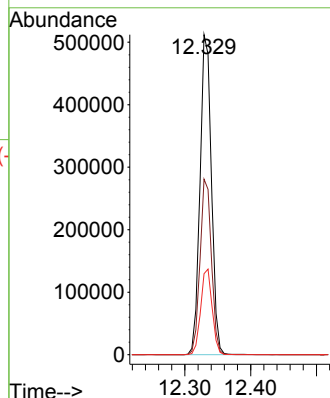
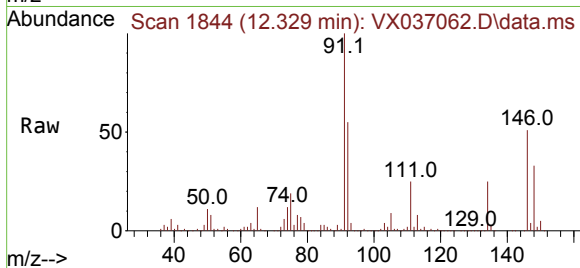




#89
n-Butylbenzene
Concen: 96.711 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

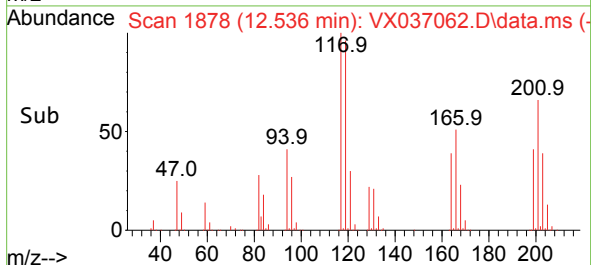
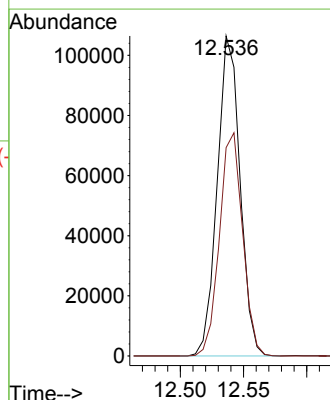
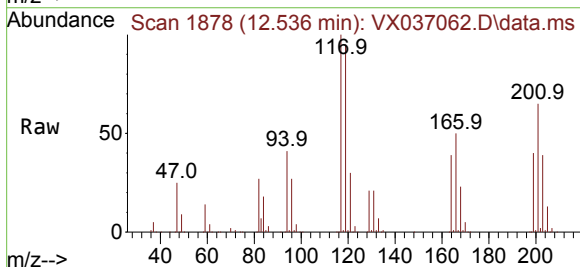
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 614934
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 26.9 12.6 37.8



#90
Hexachloroethane
Concen: 104.047 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 117 Resp: 133188
Ion Ratio Lower Upper
117 100
201 70.9 32.9 98.6

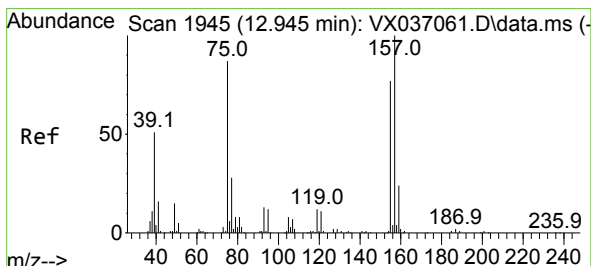
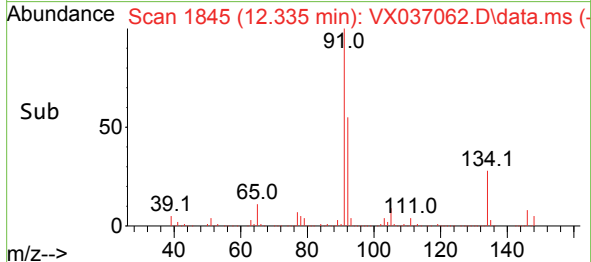
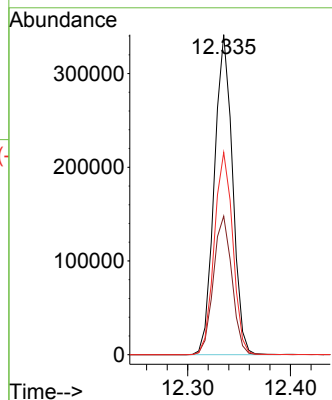
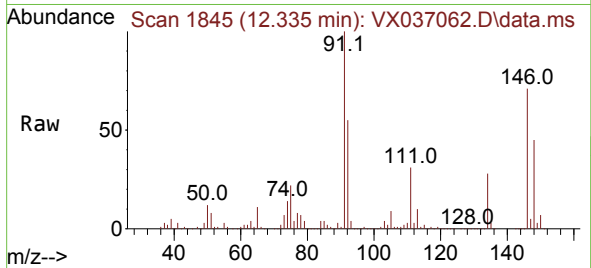




#91
1,2-Dichlorobenzene
Concen: 97.663 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

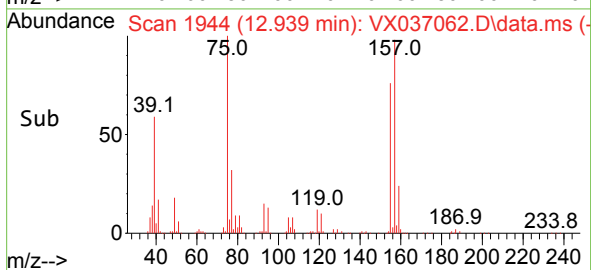
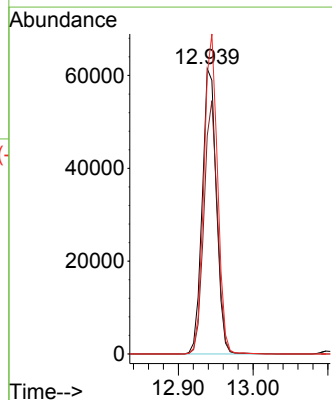
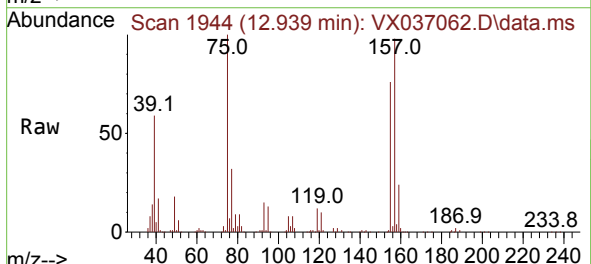
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

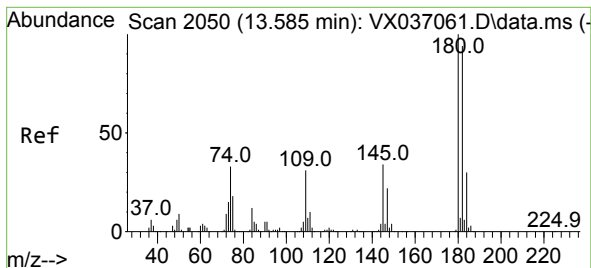
Tgt Ion:146 Resp: 419241
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 64.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 107.235 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion: 75 Resp: 80452
Ion Ratio Lower Upper
75 100
155 84.8 36.1 108.5
157 108.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 100.684 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

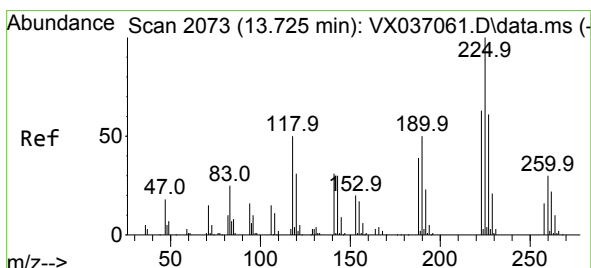
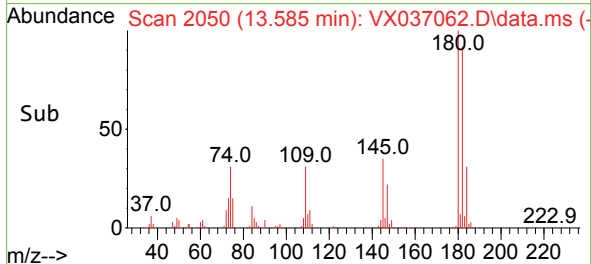
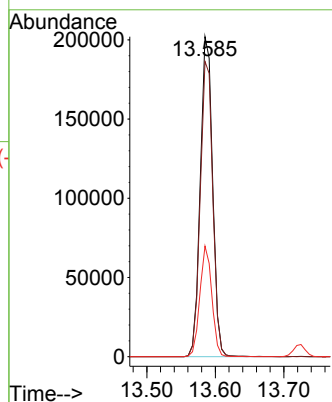
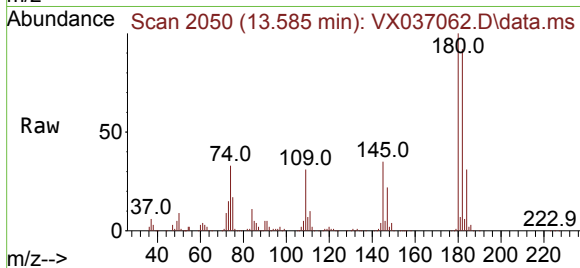
Tgt Ion:180 Resp: 252892

Ion Ratio Lower Upper

180 100

182 93.7 48.3 144.8

145 33.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 93.303 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037062.D

Acq: 17 Aug 2023 15:34

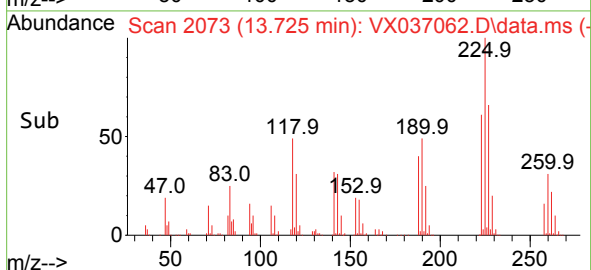
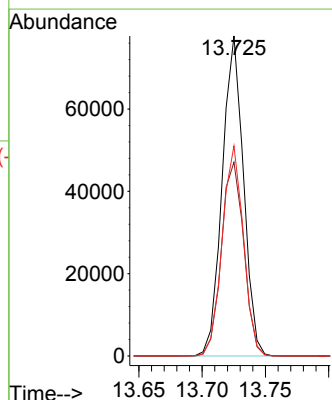
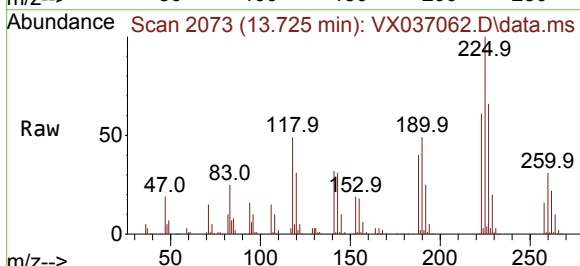
Tgt Ion:225 Resp: 90536

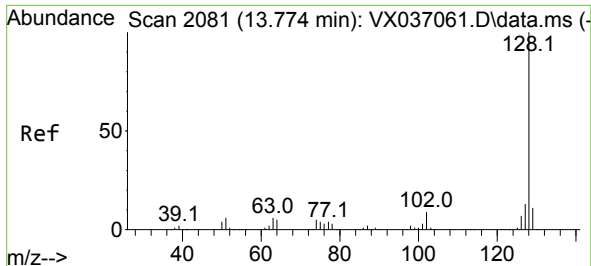
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 65.7 32.5 97.5

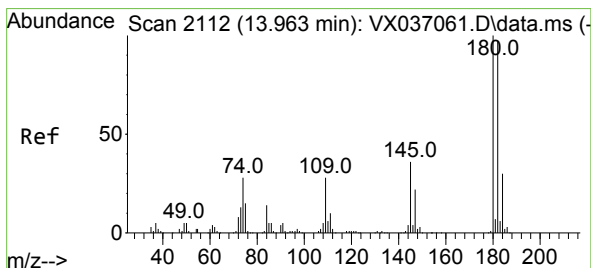
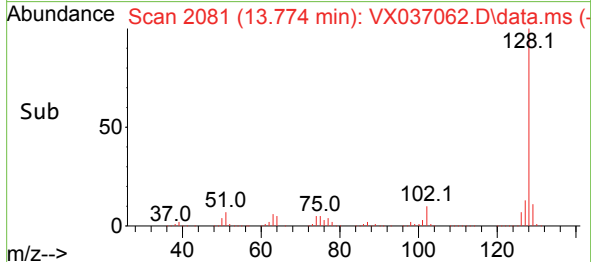
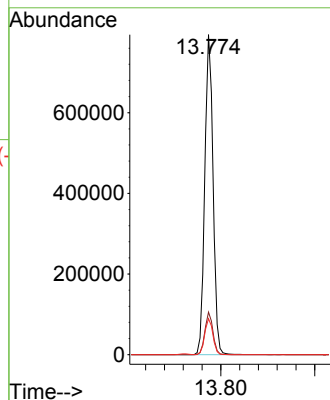
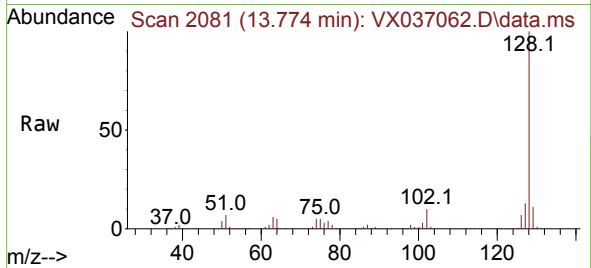




#95
Naphthalene
Concen: 87.778 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	128	Resp:	965778
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 100.288 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037062.D
Acq: 17 Aug 2023 15:34

Tgt Ion:	180	Resp:	250264
Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.6
145	35.2	17.8	53.5

