

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039158.D
 Acq On : 12 Dec 2023 12:17
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 04:13:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	131503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	239153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116461	54.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.920%	
35) Dibromofluoromethane	5.379	113	85202	49.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.660%	
50) Toluene-d8	8.646	98	309895	46.894	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.780%	
62) 4-Bromofluorobenzene	11.079	95	127915	48.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36033	23.483	ug/l	95
3) Chloromethane	1.294	50	38185	19.067	ug/l	98
4) Vinyl Chloride	1.373	62	36759	19.055	ug/l	99
5) Bromomethane	1.611	94	24501	30.718	ug/l	97
6) Chloroethane	1.690	64	21120	19.184	ug/l	99
7) Trichlorofluoromethane	1.891	101	54872	22.415	ug/l	96
8) Diethyl Ether	2.129	74	18596	17.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.330	101	33751	20.790	ug/l	98
10) Methyl Iodide	2.452	142	34609	17.515	ug/l	93
11) Tert butyl alcohol	2.940	59	51613	87.576	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	33009	20.139	ug/l	98
13) Acrolein	2.233	56	38823	124.511	ug/l	100
14) Allyl chloride	2.666	41	65383	19.924	ug/l	97
15) Acrylonitrile	3.056	53	116058	93.197	ug/l	98
16) Acetone	2.373	43	125494	111.253	ug/l	96
17) Carbon Disulfide	2.513	76	94972	18.706	ug/l	100
18) Methyl Acetate	2.696	43	102275	19.089	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	119751	20.773	ug/l	99
20) Methylene Chloride	2.788	84	38920	19.140	ug/l	99
21) trans-1,2-Dichloroethene	3.092	96	36096	19.959	ug/l	98
22) Diisopropyl ether	3.757	45	124050	20.606	ug/l	90
23) Vinyl Acetate	3.714	43	462055	106.570	ug/l	99
24) 1,1-Dichloroethane	3.611	63	69275	20.578	ug/l	99
25) 2-Butanone	4.543	43	175607	96.001	ug/l	95
26) 2,2-Dichloropropane	4.470	77	60420	20.691	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	40943	19.422	ug/l	97
28) Bromochloromethane	4.891	49	33559	20.763	ug/l	95
29) Tetrahydrofuran	4.995	42	108867	93.734	ug/l	100
30) Chloroform	5.092	83	69980	21.288	ug/l	94
31) Cyclohexane	5.470	56	63074	20.848	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	59452	20.880	ug/l	97
36) 1,1-Dichloropropene	5.690	75	52787	21.324	ug/l	99
37) Ethyl Acetate	4.708	43	60250	18.681	ug/l	98
38) Carbon Tetrachloride	5.671	117	49429	21.604	ug/l	96
39) Methylcyclohexane	7.378	83	64373	19.936	ug/l	96
40) Benzene	6.037	78	148731	20.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	33246	19.875	ug/l	94
42) 1,2-Dichloroethane	6.086	62	58877	24.271	ug/l	100
43) Isopropyl Acetate	6.330	43	102459	19.878	ug/l	99
44) Trichloroethene	7.122	130	36635	20.556	ug/l	89
45) 1,2-Dichloropropane	7.427	63	40339	20.473	ug/l	100
46) Dibromomethane	7.580	93	27801	21.158	ug/l	93
47) Bromodichloromethane	7.817	83	54952	21.071	ug/l #	99
48) Methyl methacrylate	7.689	41	60087	24.027	ug/l	96
49) 1,4-Dioxane	7.653	88	14502	299.740	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	330043	100.198	ug/l	99
52) Toluene	8.713	92	90534	19.926	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	60145	19.407	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	64175	20.047	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	36903	19.465	ug/l	93
56) Ethyl methacrylate	9.116	69	47555	14.825	ug/l	97
57) 1,3-Dichloropropane	9.305	76	65145	20.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122222	81.794	ug/l	94
59) 2-Hexanone	9.427	43	265152	100.430	ug/l	100
60) Dibromochloromethane	9.518	129	38235	19.835	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40326	20.271	ug/l	99
64) Tetrachloroethene	9.274	164	28666	21.153	ug/l	95
65) Chlorobenzene	10.079	112	94971	20.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	34091	20.180	ug/l	98
67) Ethyl Benzene	10.195	91	181679	21.055	ug/l	100
68) m/p-Xylenes	10.299	106	130899	40.104	ug/l	95
69) o-Xylene	10.640	106	63485	19.657	ug/l	93
70) Styrene	10.652	104	92647	16.986	ug/l	96
71) Bromoform	10.798	173	24840	17.638	ug/l #	98
73) Isopropylbenzene	10.963	105	172930	20.784	ug/l	99
74) N-amyl acetate	10.841	43	84203	19.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	63063	19.416	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	71082	26.679	ug/l	91
77) Bromobenzene	11.195	156	36728	19.645	ug/l	88
78) n-propylbenzene	11.304	91	210905	20.593	ug/l	97
79) 2-Chlorotoluene	11.359	91	125357	20.625	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	146674	20.965	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	19027	15.840	ug/l	95
82) 4-Chlorotoluene	11.451	91	147382	21.030	ug/l	97
83) tert-Butylbenzene	11.713	119	140457	20.385	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	150199	21.211	ug/l	96
85) sec-Butylbenzene	11.890	105	176610	19.596	ug/l	98
86) p-Isopropyltoluene	12.006	119	148869	20.577	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	71690	19.582	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73182	19.530	ug/l	97
89) n-Butylbenzene	12.335	91	149951	20.543	ug/l	96
90) Hexachloroethane	12.536	117	27137	18.783	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	69715	20.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15369	19.313	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	46608	20.030	ug/l	96
94) Hexachlorobutadiene	13.725	225	17600	21.358	ug/l	97
95) Naphthalene	13.774	128	161590	18.646	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	43738	19.828	ug/l	96

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

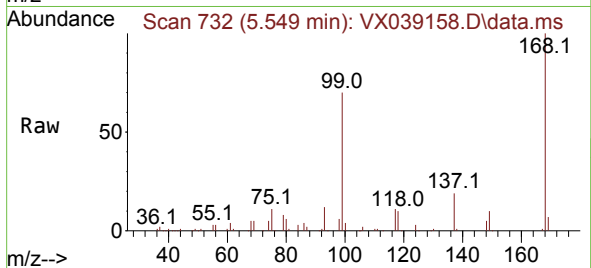
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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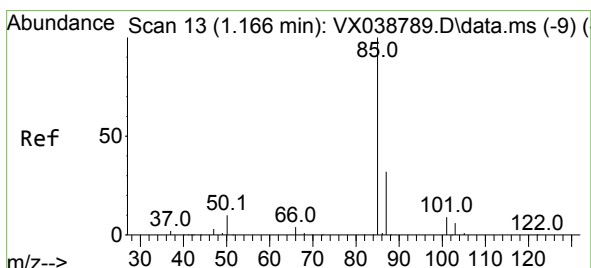
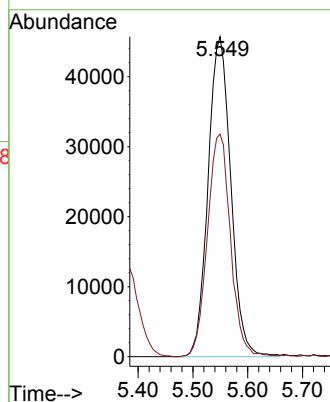
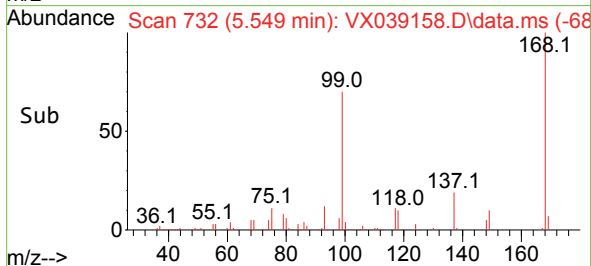


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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Instrument :
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ClientSampleId :
VX1212WBS01

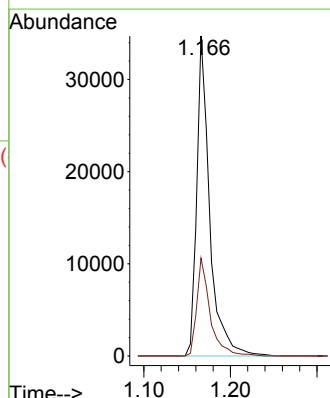
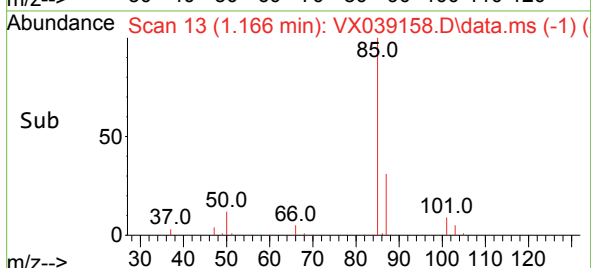
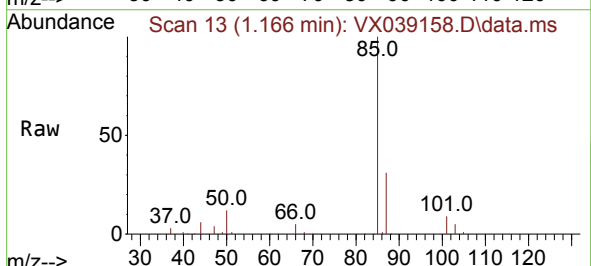


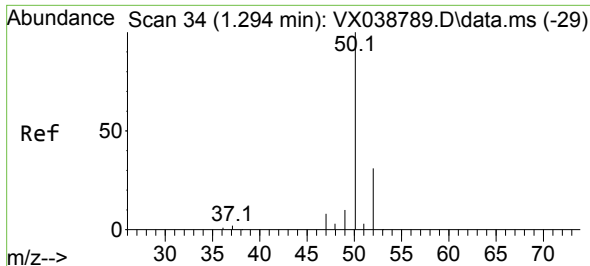
Tgt Ion:168 Resp: 131503
Ion Ratio Lower Upper
168 100
99 69.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 23.483 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 85 Resp: 36033
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.1

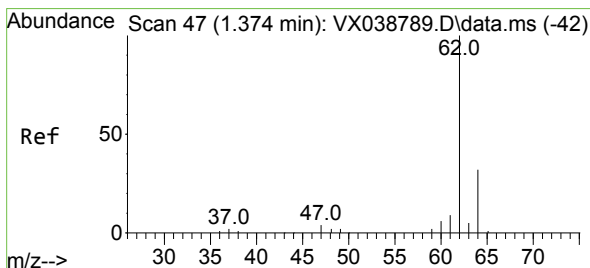
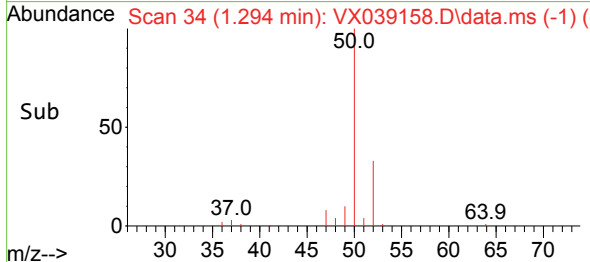
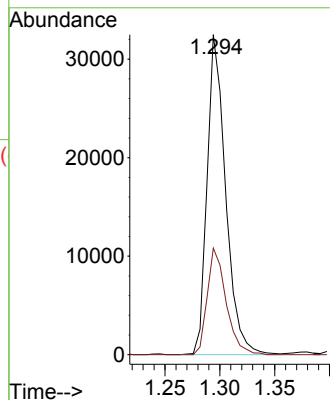
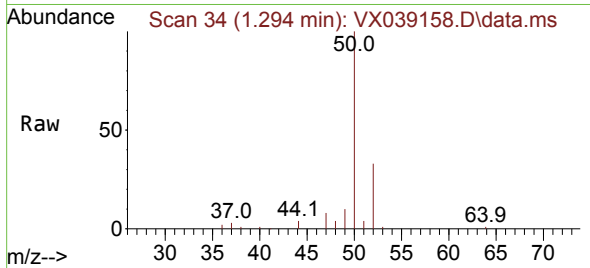




#3
Chloromethane
Concen: 19.067 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

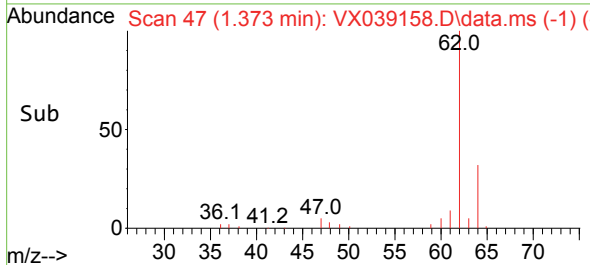
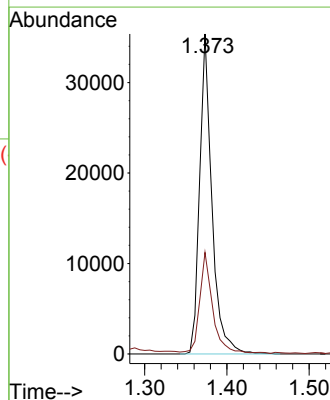
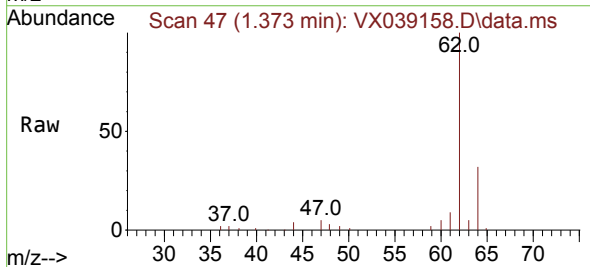
Instrument :
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ClientSampleId :
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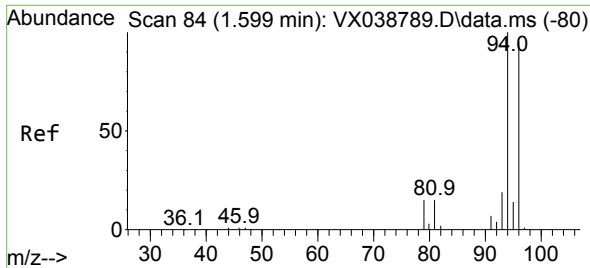
Tgt Ion: 50 Resp: 38185
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 19.055 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 62 Resp: 36759
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

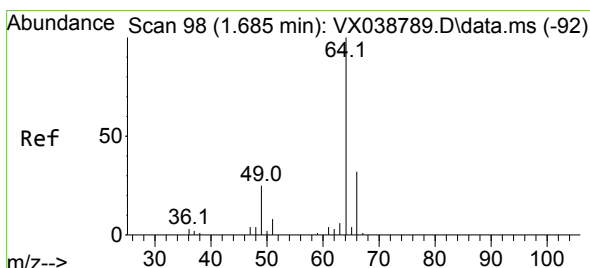
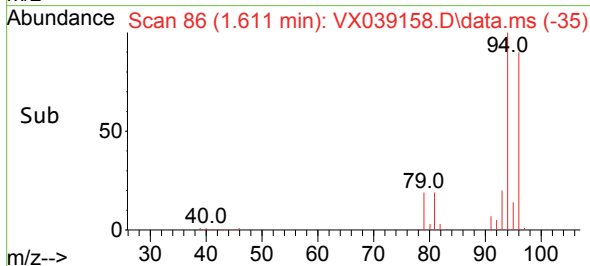
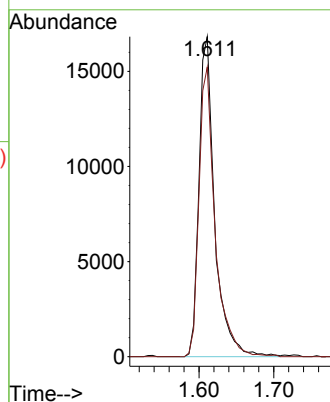
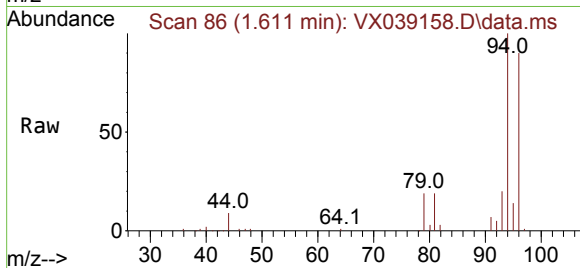




#5
Bromomethane
Concen: 30.718 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

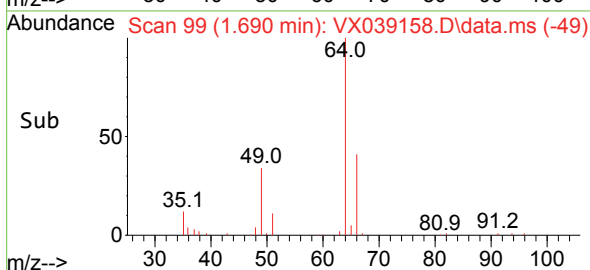
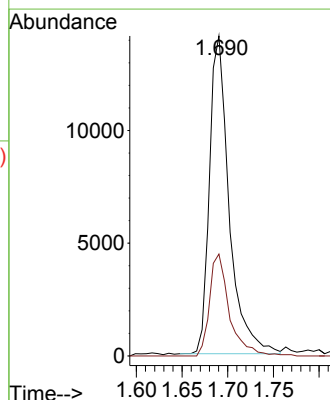
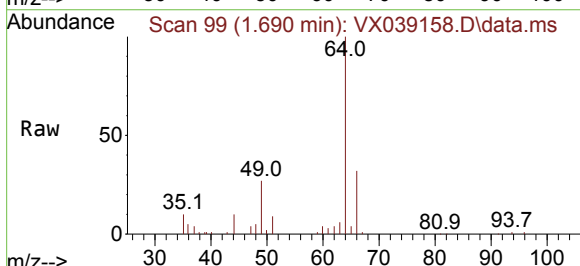
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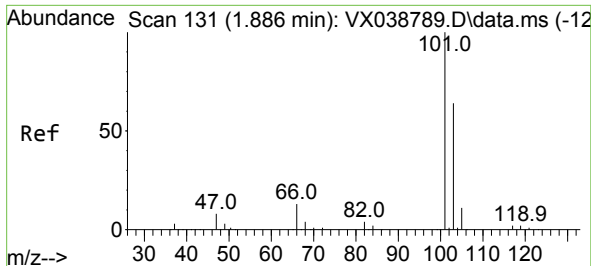
Tgt Ion: 94 Resp: 24501
Ion Ratio Lower Upper
94 100
96 90.4 74.6 111.8



#6
Chloroethane
Concen: 19.184 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 64 Resp: 21120
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

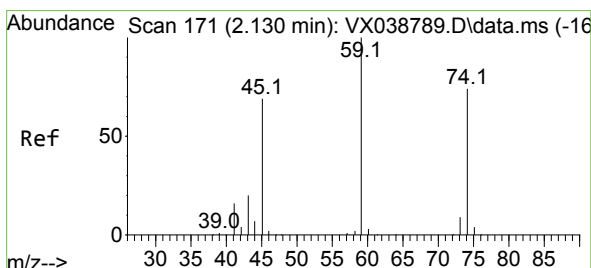
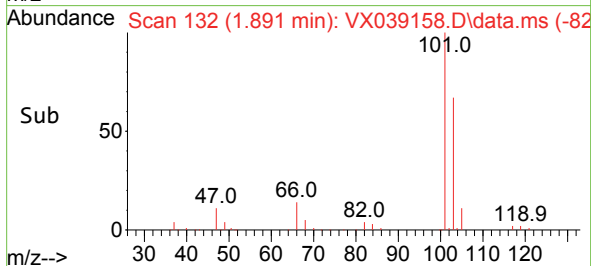
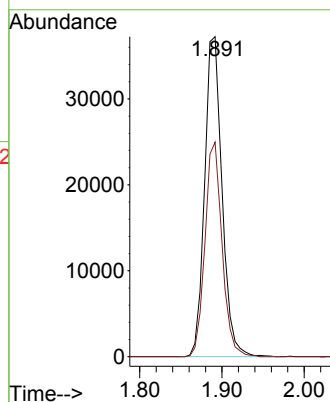
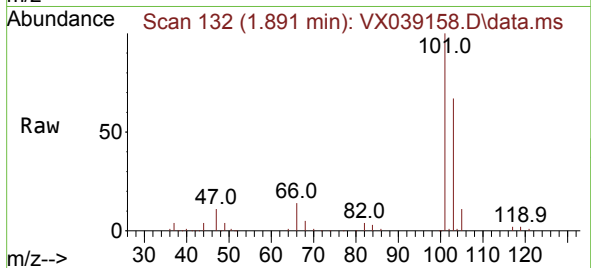




#7
 Trichlorofluoromethane
 Concen: 22.415 ug/l
 RT: 1.891 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

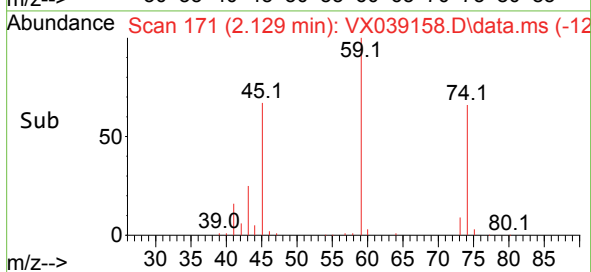
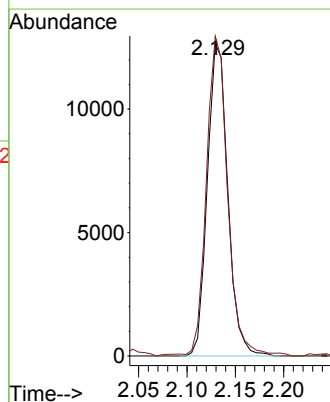
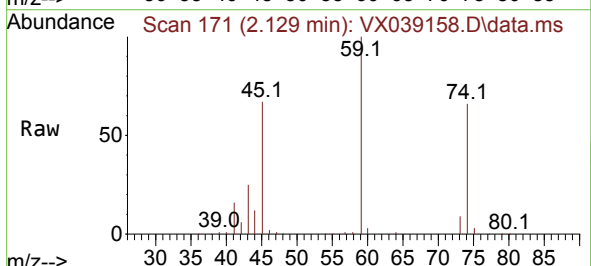
Instrument :
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 ClientSampleId :
 VX1212WBS01

Tgt Ion:101 Resp: 54872
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 17.441 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

Tgt Ion: 74 Resp: 18596
 Ion Ratio Lower Upper
 74 100
 45 106.7 53.3 159.8

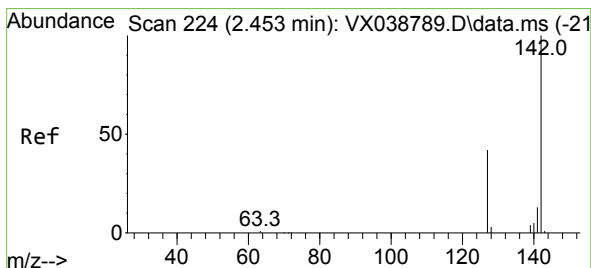
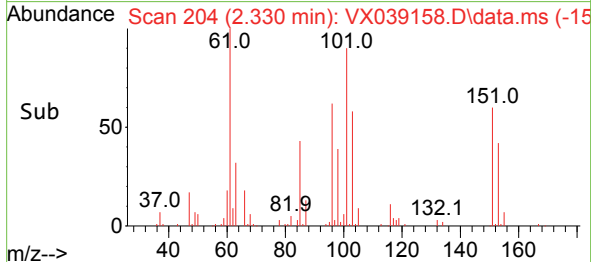
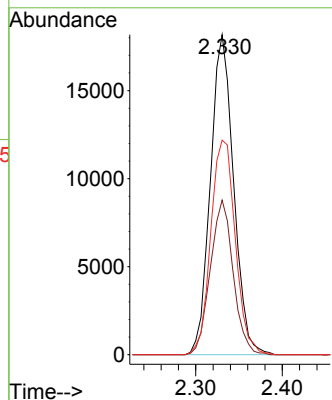
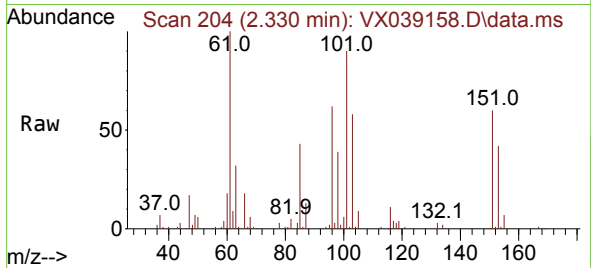




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.790 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
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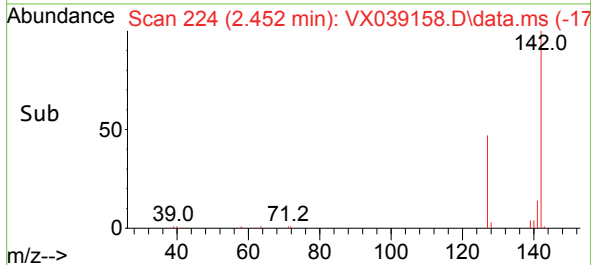
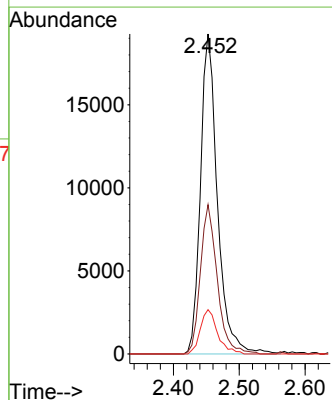
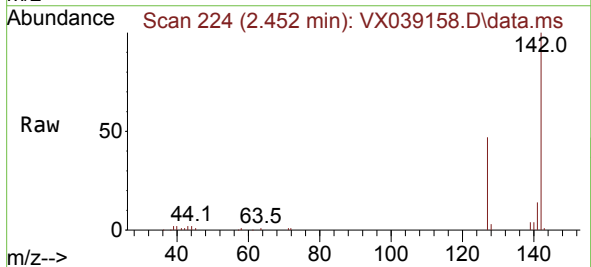
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ClientSampleId :
VX1212WBS01

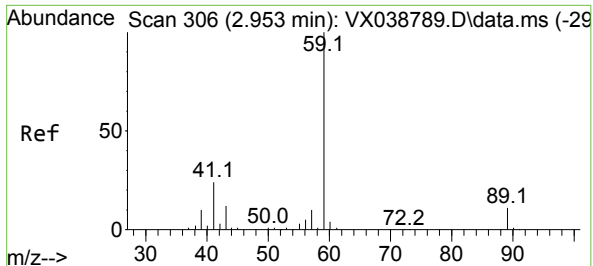
Tgt Ion:101 Resp: 33751
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 71.2 58.6 87.8



#10
Methyl Iodide
Concen: 17.515 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion:142 Resp: 34609
Ion Ratio Lower Upper
142 100
127 46.3 41.6 62.4
141 14.1 11.6 17.4

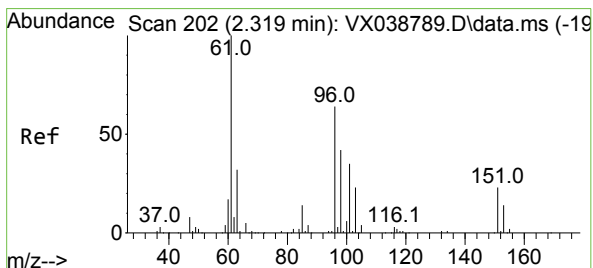
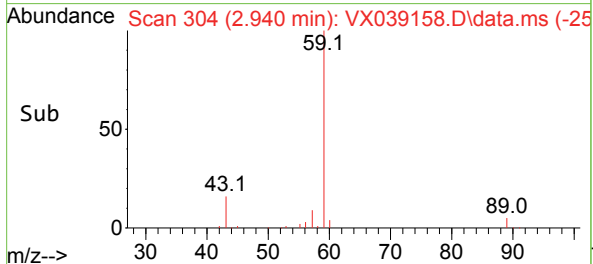
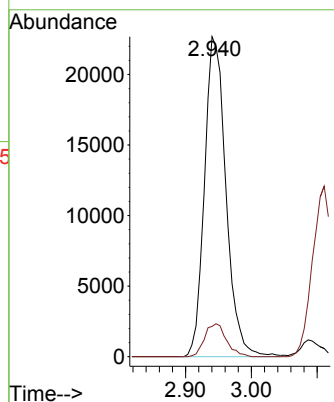
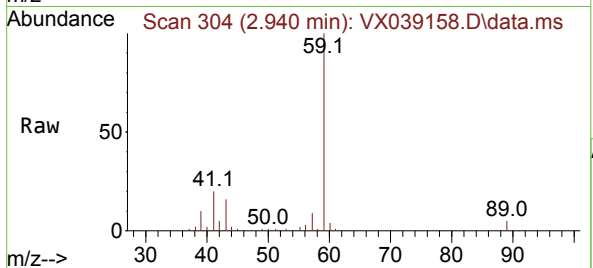




#11
Tert butyl alcohol
Concen: 87.576 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.013 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

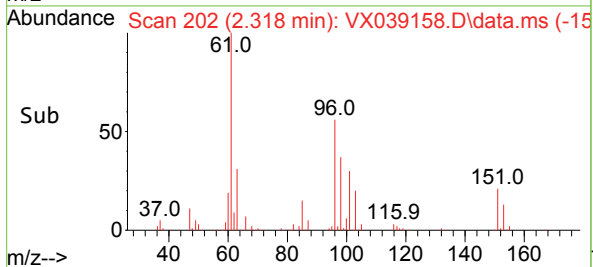
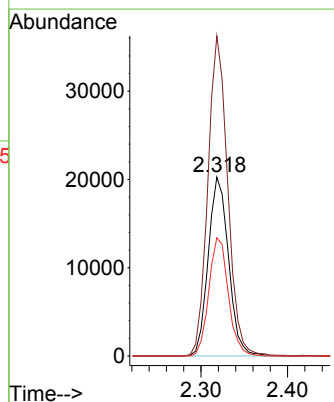
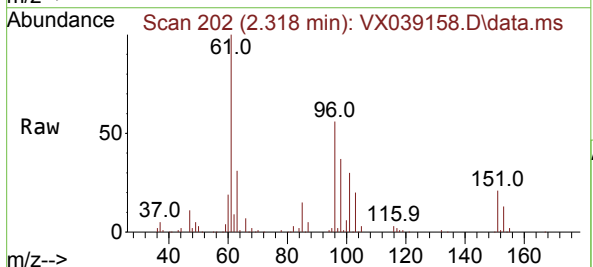
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

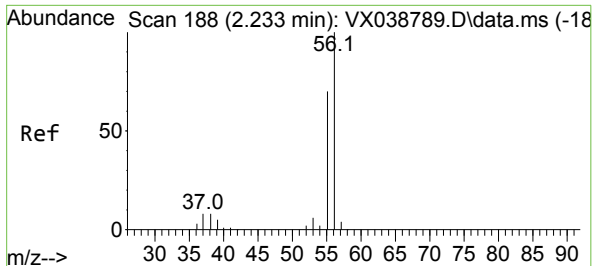
Tgt Ion: 59 Resp: 51613
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 20.139 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 96 Resp: 33009
Ion Ratio Lower Upper
96 100
61 179.0 144.6 216.8
98 66.1 50.4 75.6

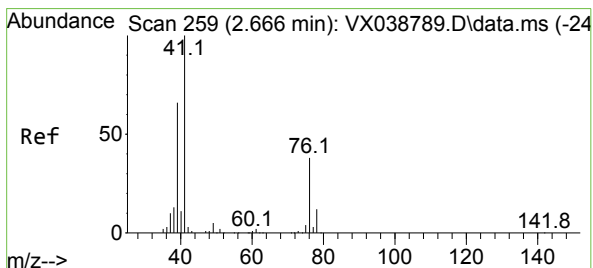
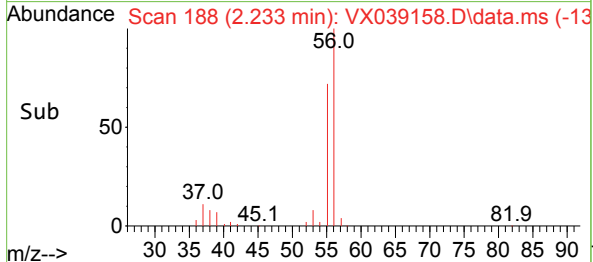
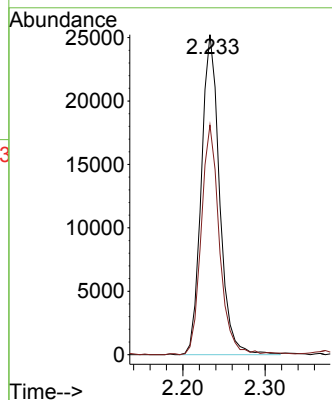
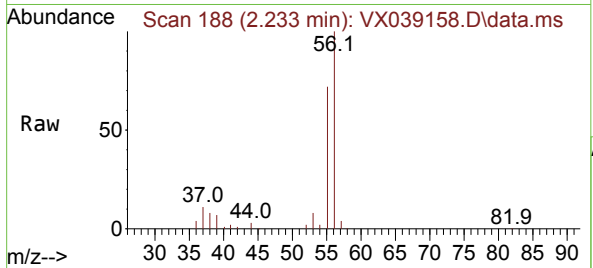




#13
Acrolein
Concen: 124.511 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

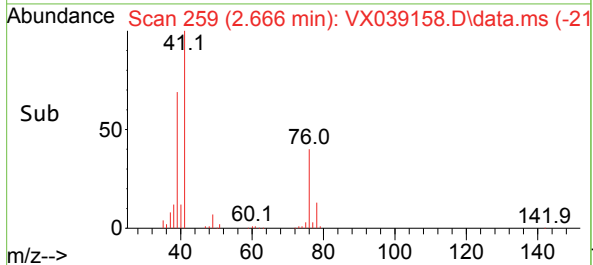
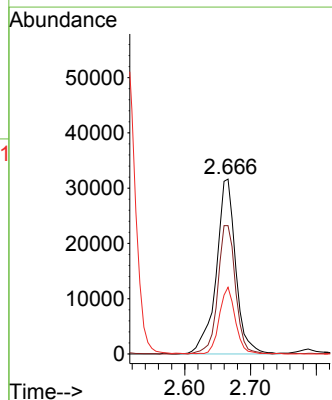
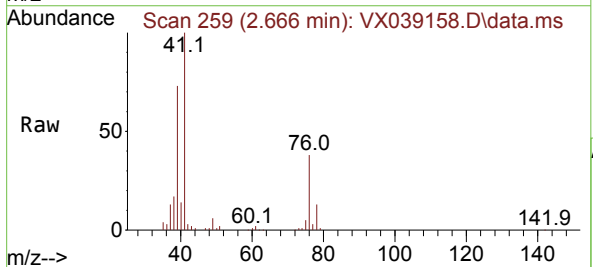
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 56 Resp: 38823
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7



#14
Allyl chloride
Concen: 19.924 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 41 Resp: 65383
Ion Ratio Lower Upper
41 100
39 66.7 55.8 83.6
76 30.8 24.3 36.5

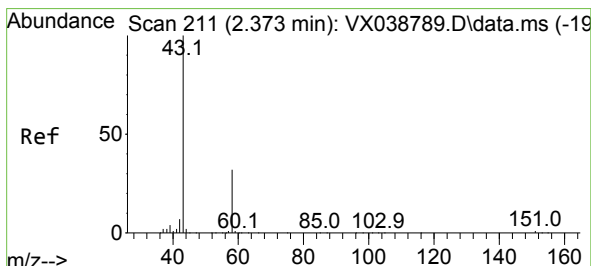
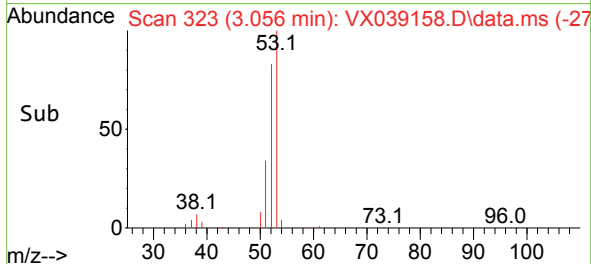
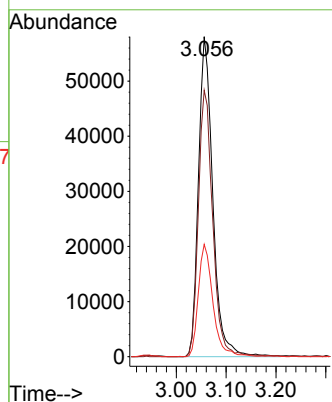
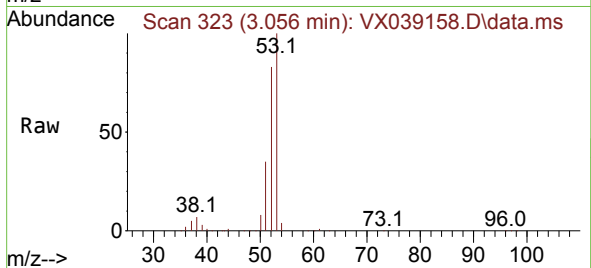




#15
Acrylonitrile
Concen: 93.197 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

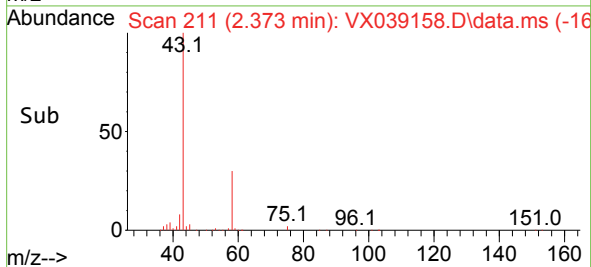
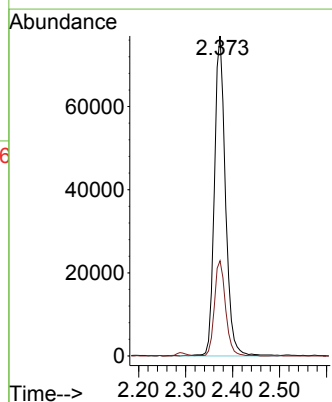
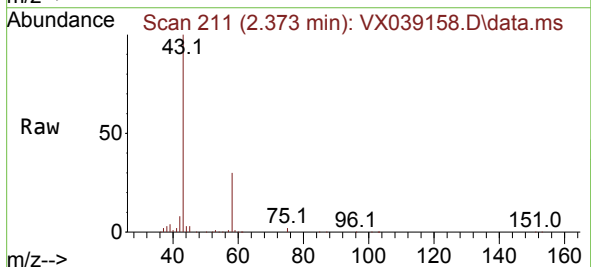
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

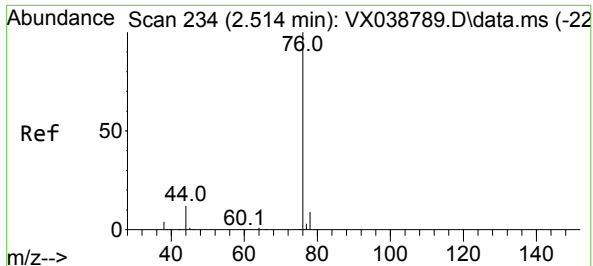
Tgt Ion: 53 Resp: 116058
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.8 29.8 44.6



#16
Acetone
Concen: 111.253 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 43 Resp: 125494
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9





#17

Carbon Disulfide

Concen: 18.706 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

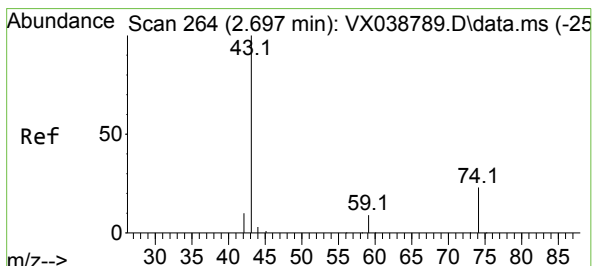
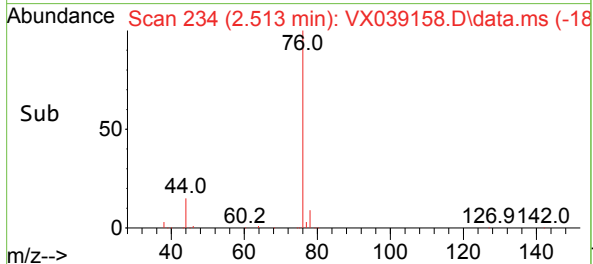
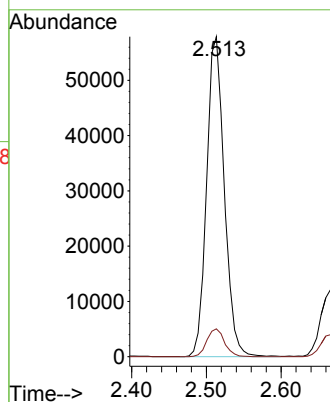
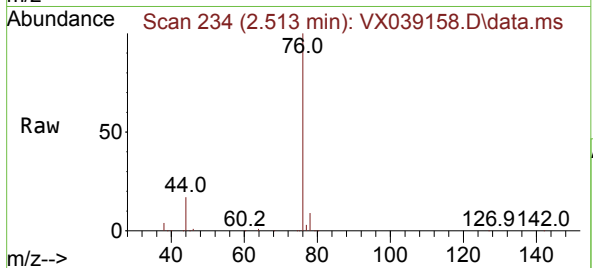
VX1212WBS01

Tgt Ion: 76 Resp: 94972

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 19.089 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX039158.D

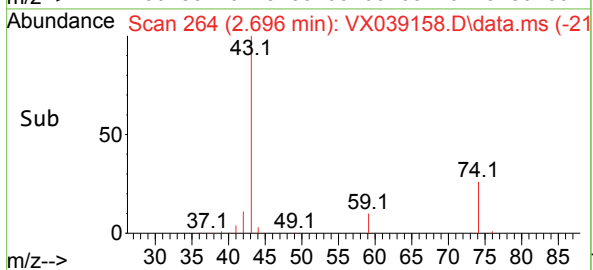
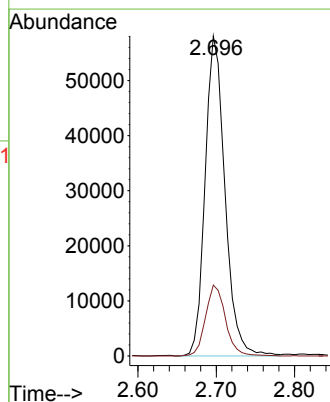
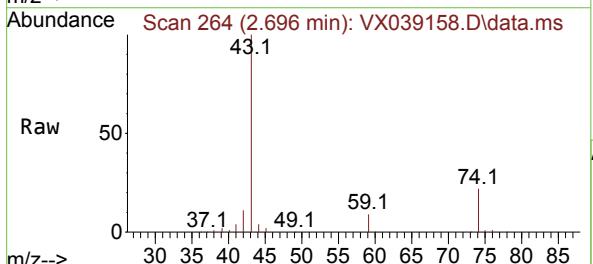
Acq: 12 Dec 2023 12:17

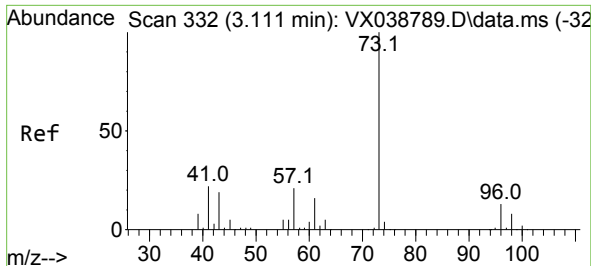
Tgt Ion: 43 Resp: 102275

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8

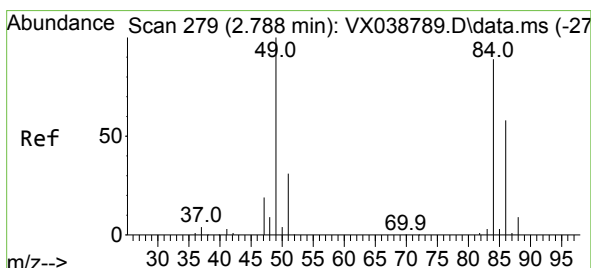
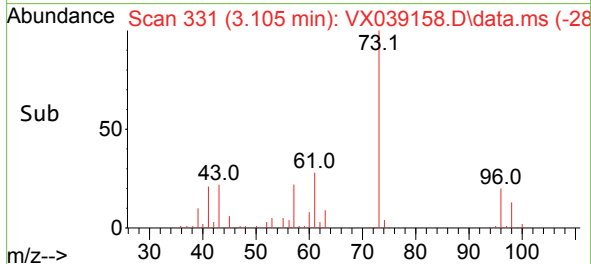
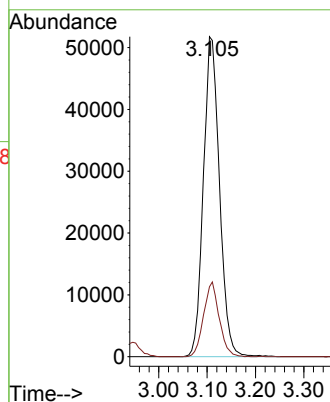
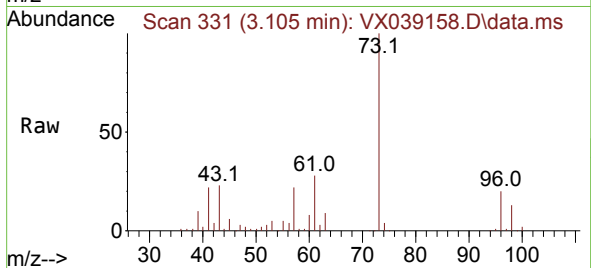




#19
Methyl tert-butyl Ether
Concen: 20.773 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

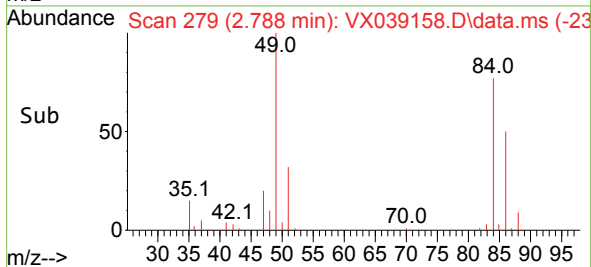
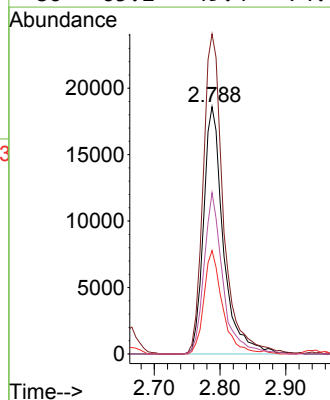
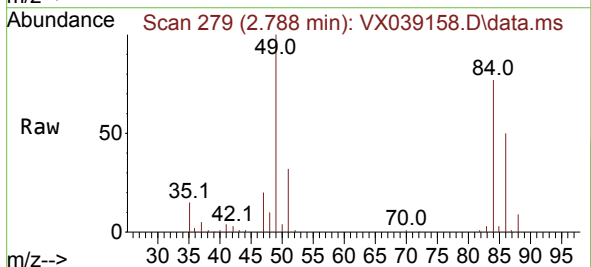
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

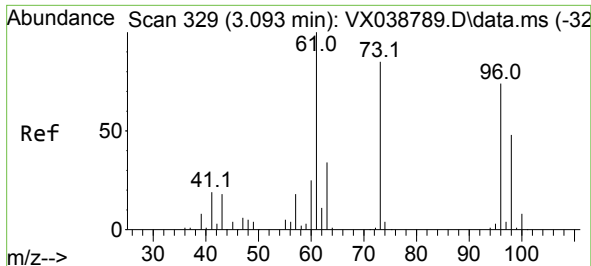
Tgt Ion: 73 Resp: 119751
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 19.140 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 84 Resp: 38920
Ion Ratio Lower Upper
84 100
49 129.4 103.6 155.4
51 41.8 33.8 50.6
86 65.2 49.4 74.0

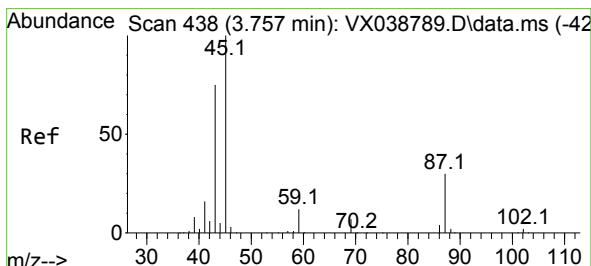
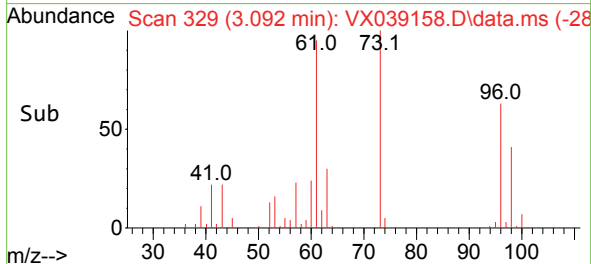
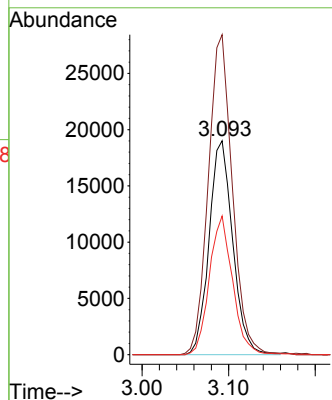
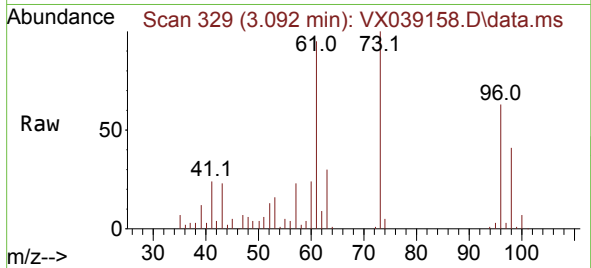




#21
trans-1,2-Dichloroethene
Concen: 19.959 ug/l
RT: 3.092 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

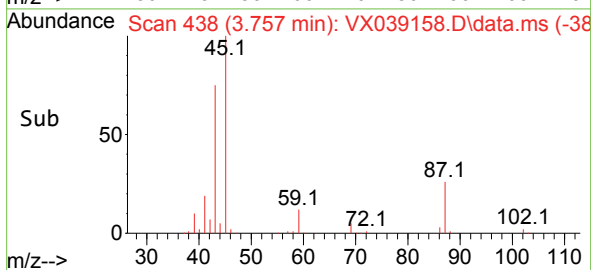
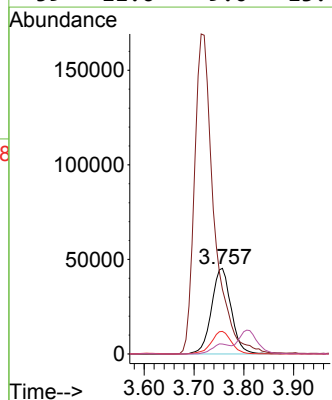
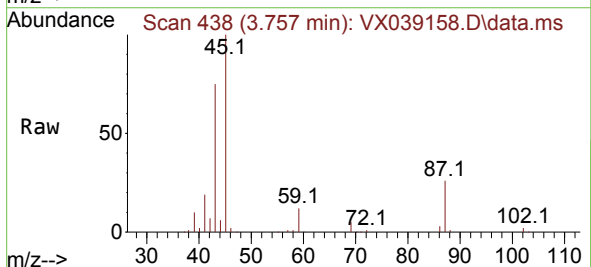
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

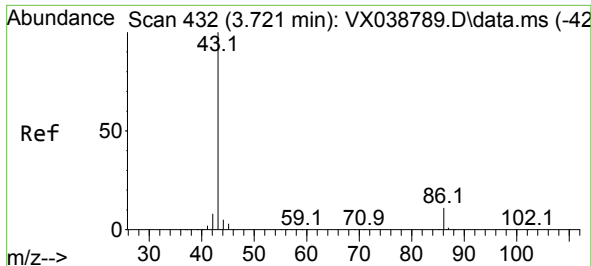
Tgt Ion: 96 Resp: 36096
Ion Ratio Lower Upper
96 100
61 149.6 119.2 178.8
98 64.8 48.7 73.1



#22
Diisopropyl ether
Concen: 20.606 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 45 Resp: 124050
Ion Ratio Lower Upper
45 100
43 74.8 69.7 104.5
87 26.5 20.8 31.2
59 11.6 9.0 13.4

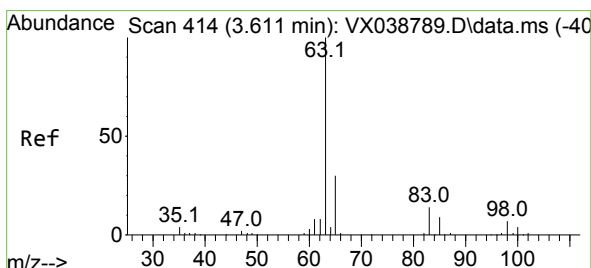
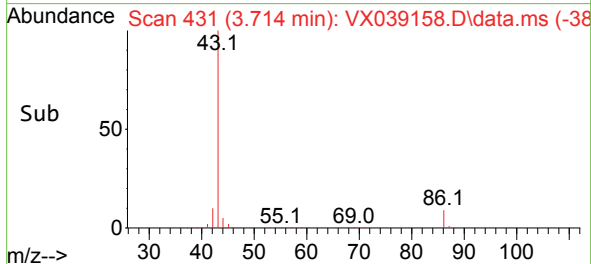
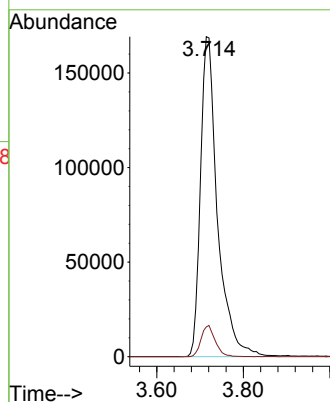
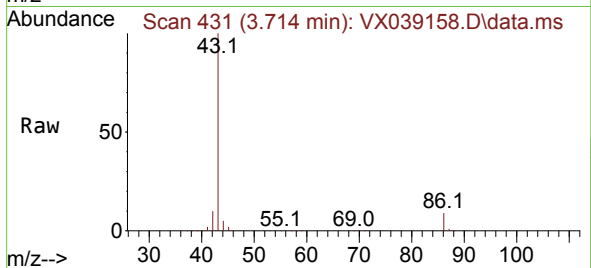




#23
 Vinyl Acetate
 Concen: 106.570 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

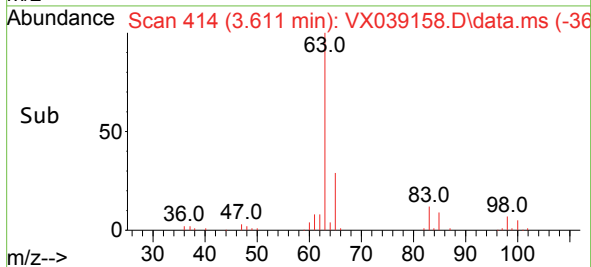
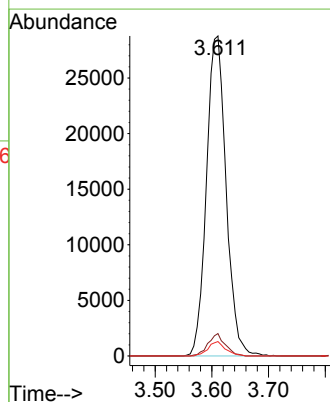
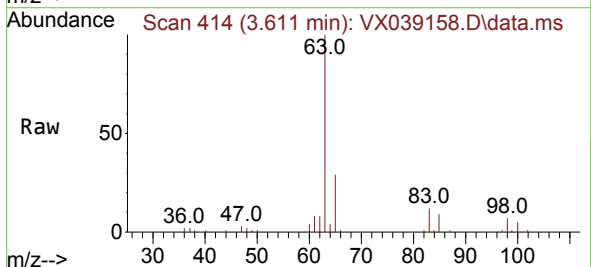
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

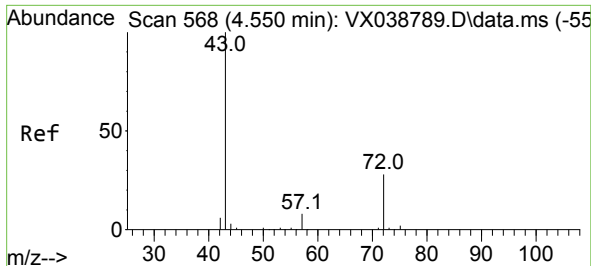
Tgt Ion: 43 Resp: 462055
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.578 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

Tgt Ion: 63 Resp: 69275
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.5 2.1 6.5

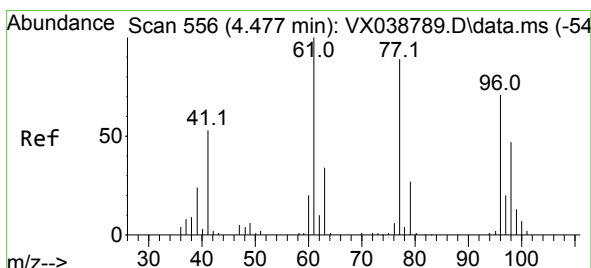
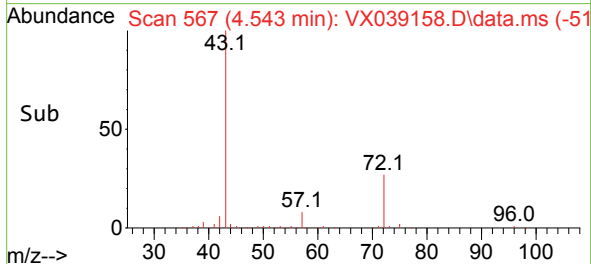
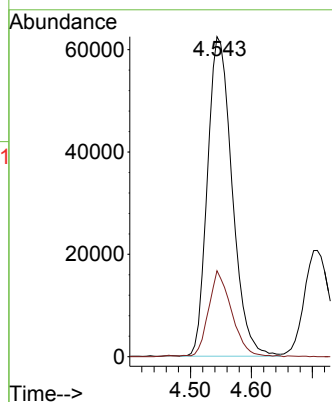
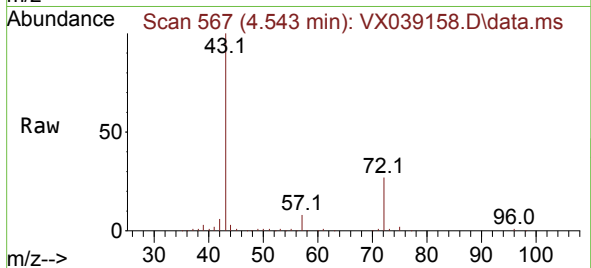




#25
2-Butanone
Concen: 96.001 ug/l
RT: 4.543 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

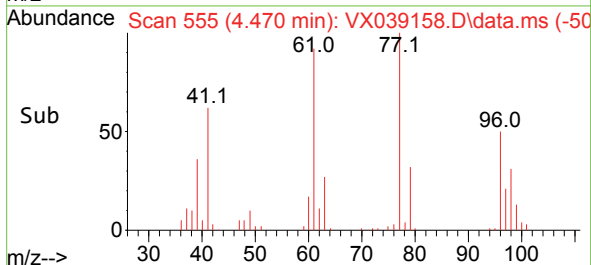
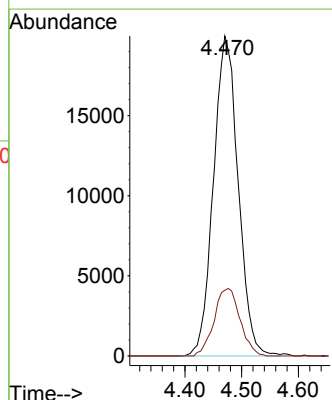
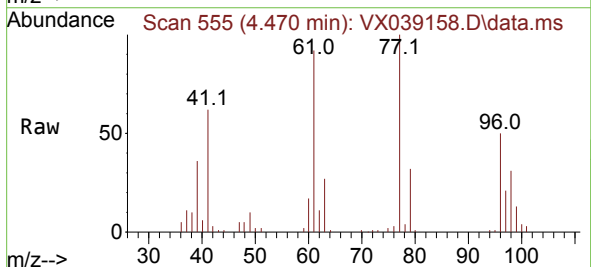
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 43 Resp: 175607
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 20.691 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 77 Resp: 60420
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.422 ug/l

RT: 4.482 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

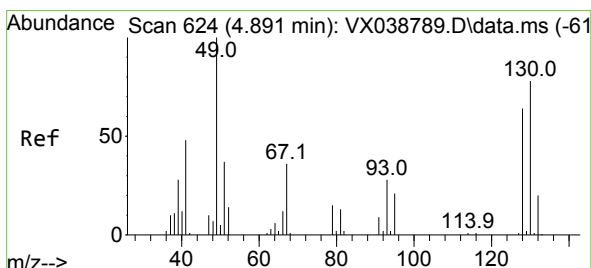
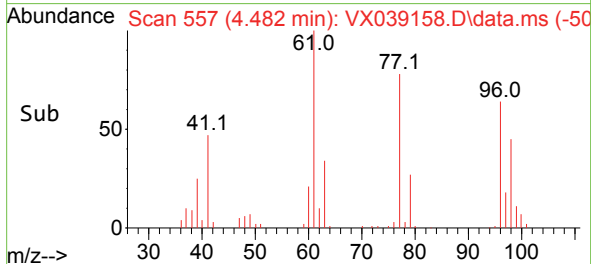
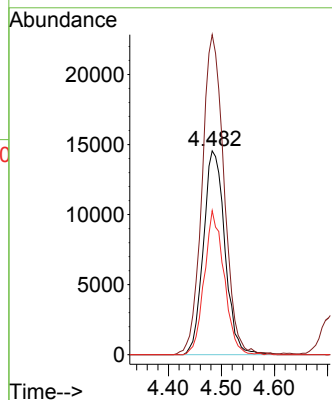
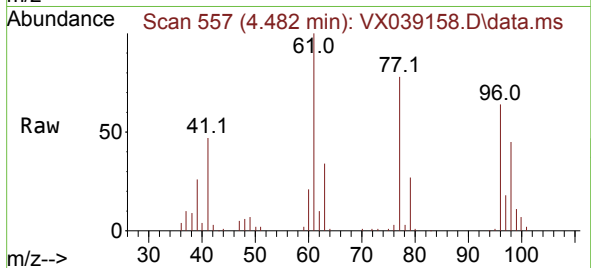
Tgt Ion: 96 Resp: 40943

Ion Ratio Lower Upper

96 100

61 160.8 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 20.763 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

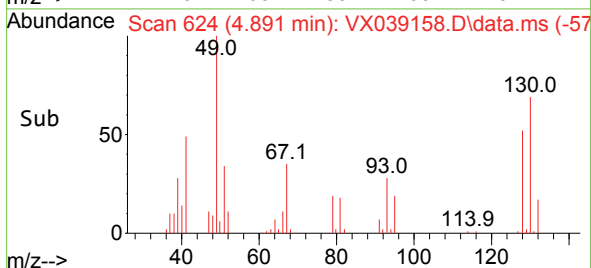
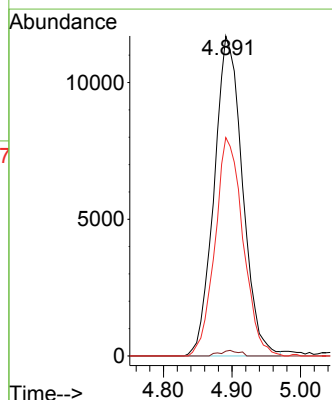
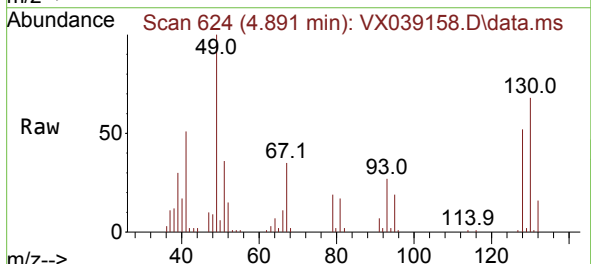
Tgt Ion: 49 Resp: 33559

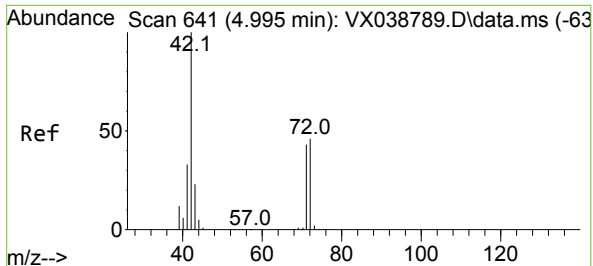
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 67.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 93.734 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

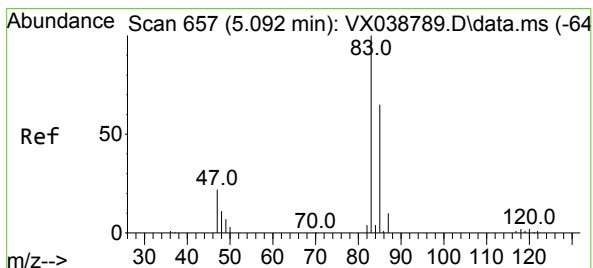
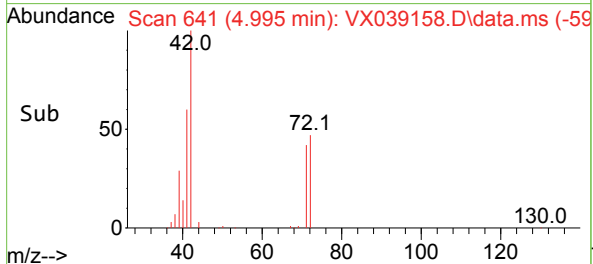
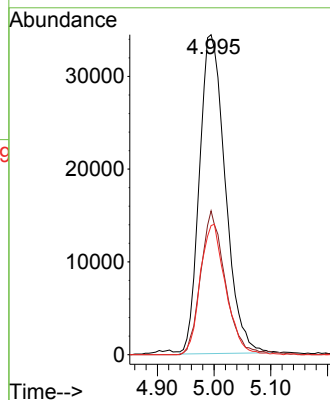
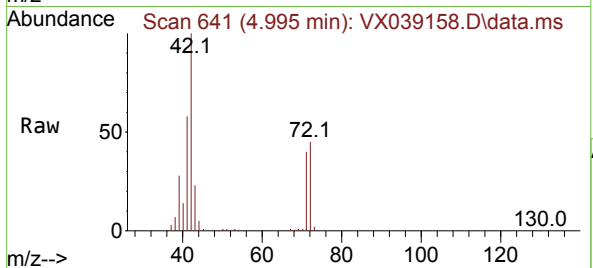
Tgt Ion: 42 Resp: 108867

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 40.4 32.2 48.2



#30

Chloroform

Concen: 21.288 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039158.D

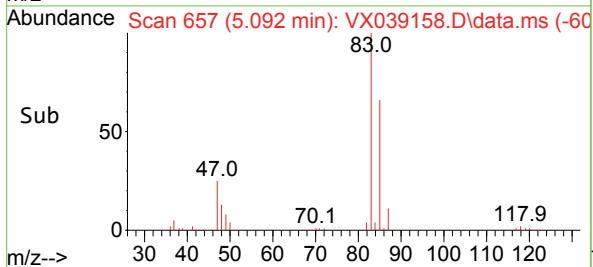
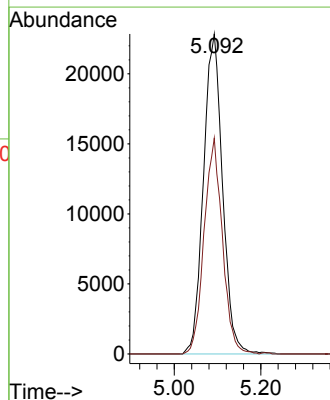
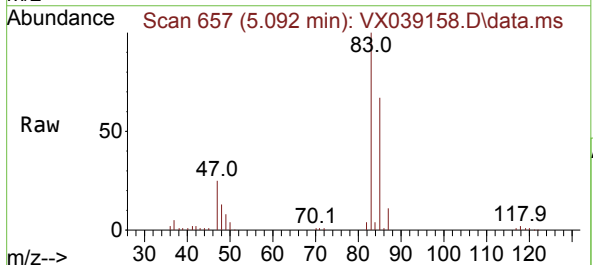
Acq: 12 Dec 2023 12:17

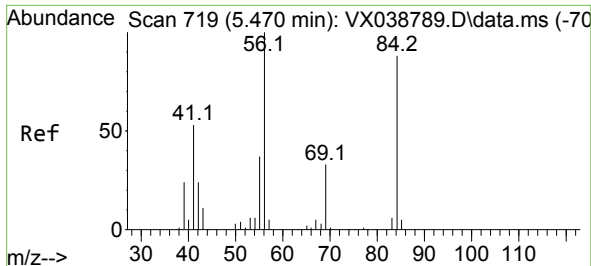
Tgt Ion: 83 Resp: 69980

Ion Ratio Lower Upper

83 100

85 67.5 50.3 75.5

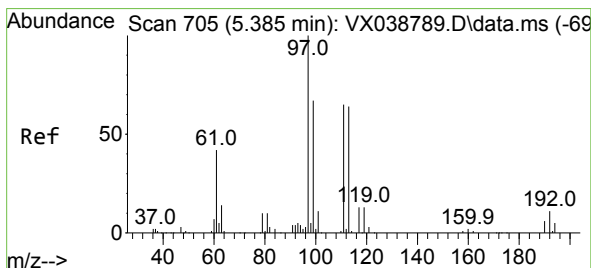
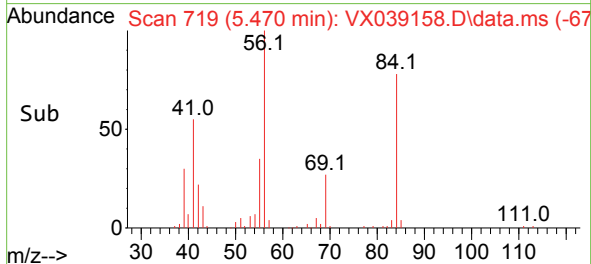
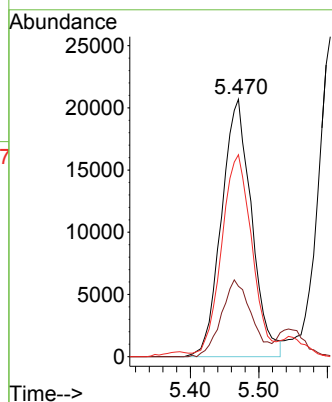
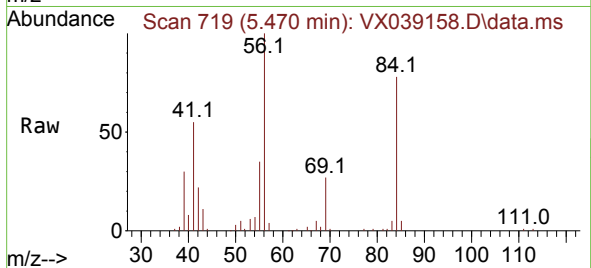




#31
Cyclohexane
Concen: 20.848 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

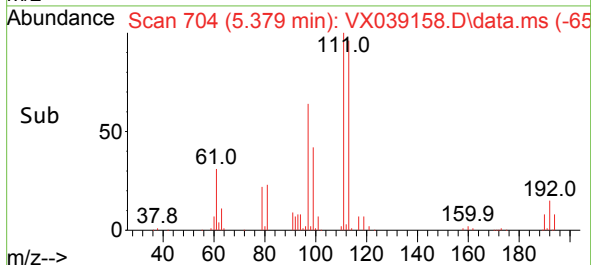
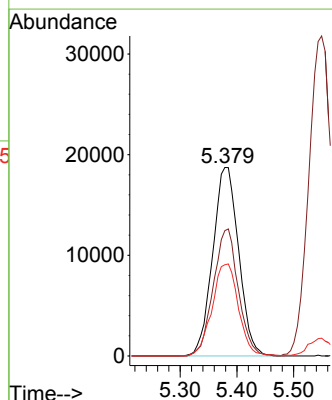
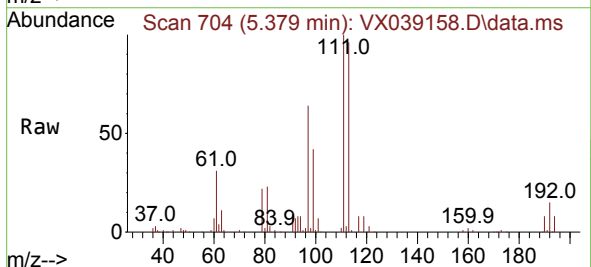
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 56 Resp: 63074
Ion Ratio Lower Upper
56 100
69 27.3 23.4 35.2
84 76.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 20.880 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 97 Resp: 59452
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 49.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.961 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

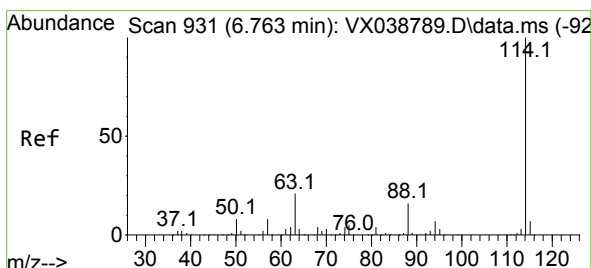
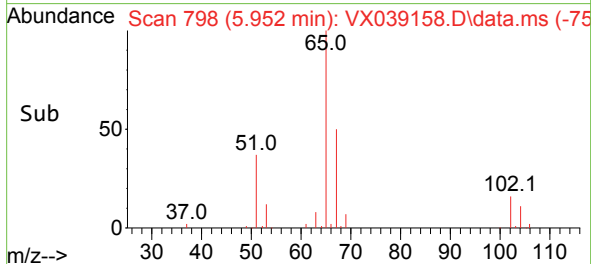
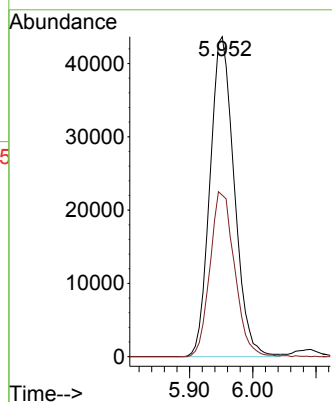
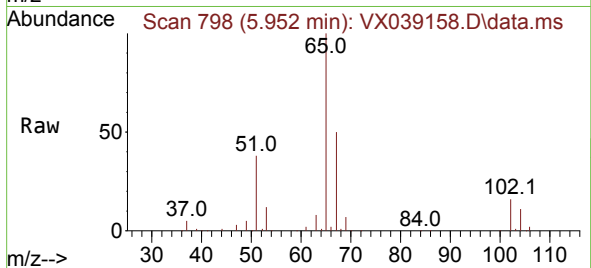
VX1212WBS01

Tgt Ion: 65 Resp: 116461

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

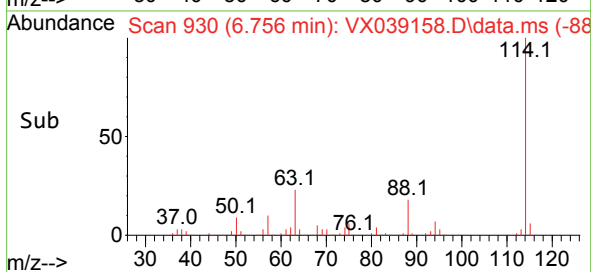
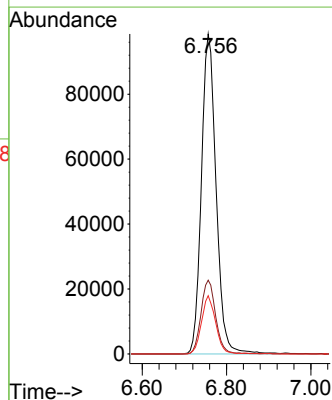
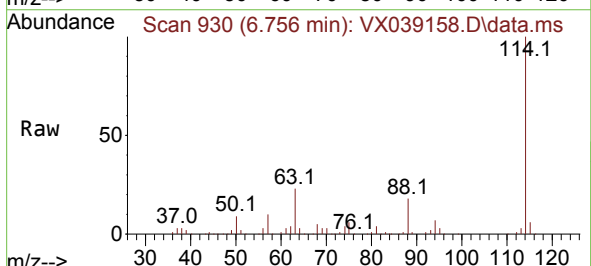
Tgt Ion: 114 Resp: 239153

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 18.2 0.0 36.6

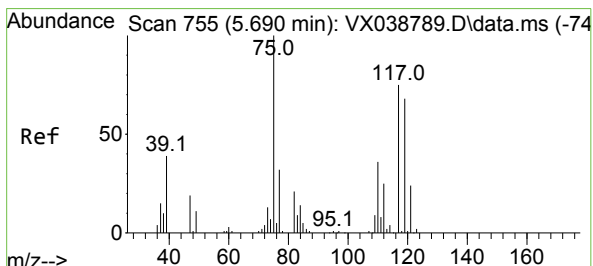
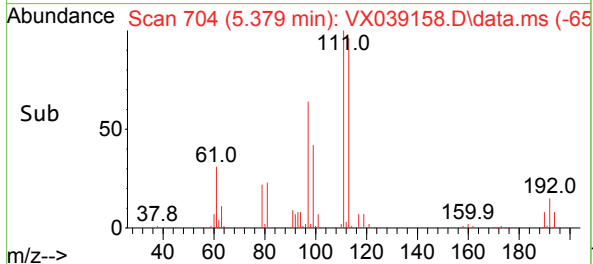
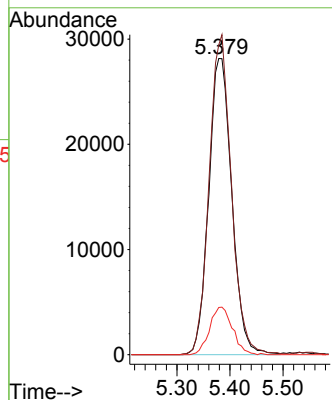
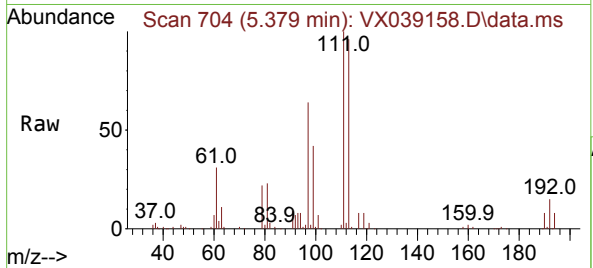




#35
Dibromofluoromethane
Concen: 49.329 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

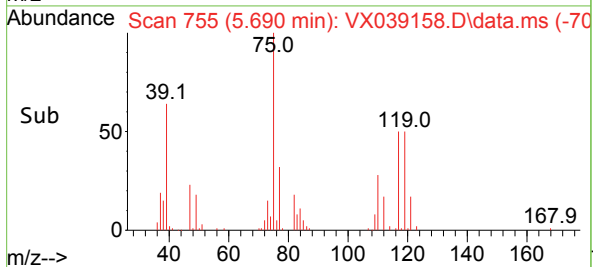
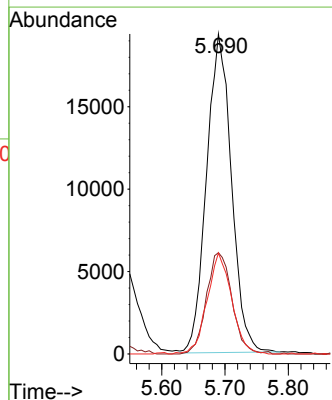
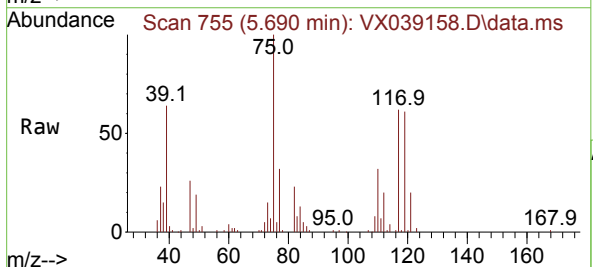
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

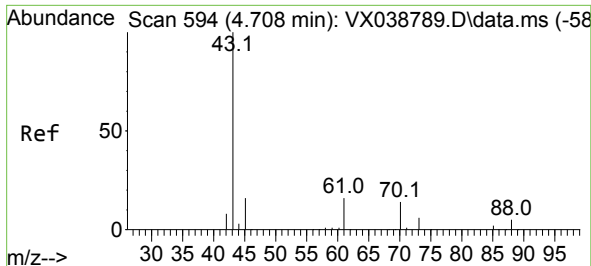
Tgt Ion:113 Resp: 85202
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 21.324 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 75 Resp: 52787
Ion Ratio Lower Upper
75 100
110 32.7 17.0 50.9
77 31.2 24.7 37.1

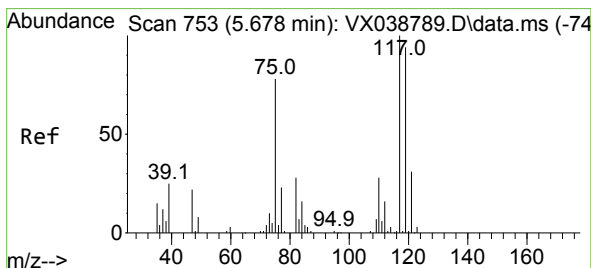
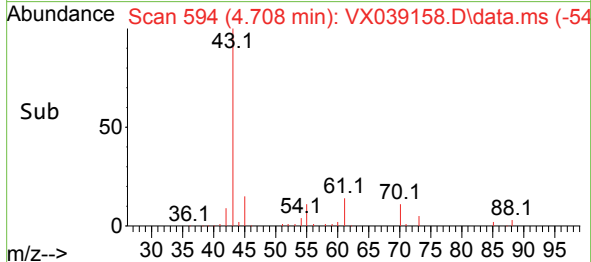
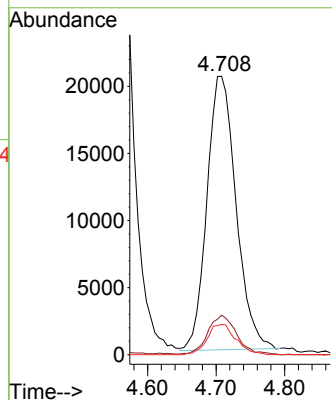
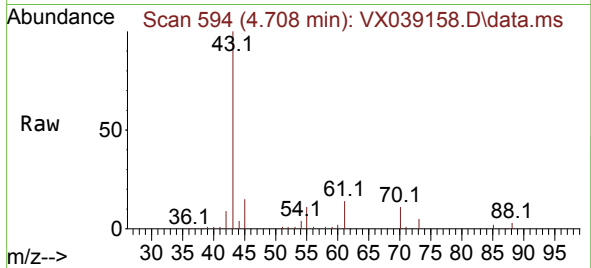




#37
Ethyl Acetate
Concen: 18.681 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

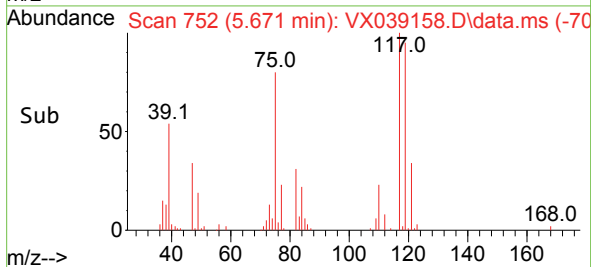
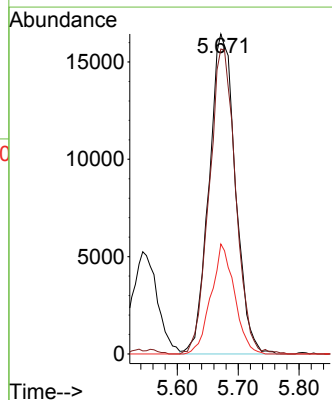
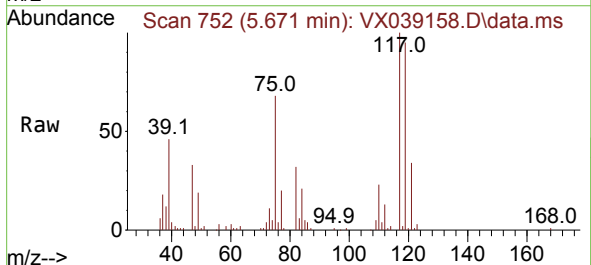
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

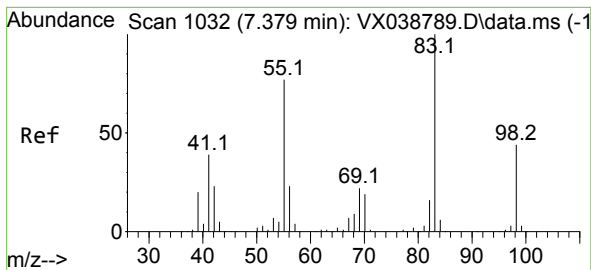
Tgt Ion:	43	Resp:	60250
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	10.9	8.3	12.5



#38
Carbon Tetrachloride
Concen: 21.604 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion:	117	Resp:	49429
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	34.4	24.4	36.6





#39

Methylcyclohexane

Concen: 19.936 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

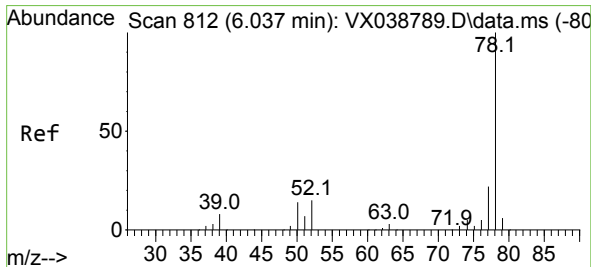
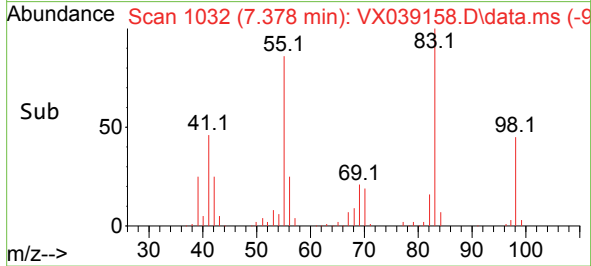
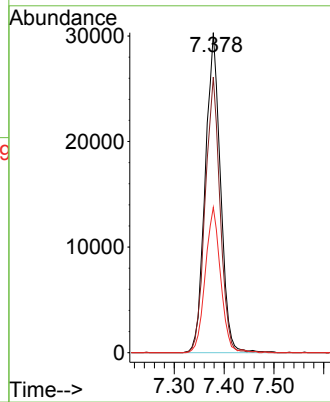
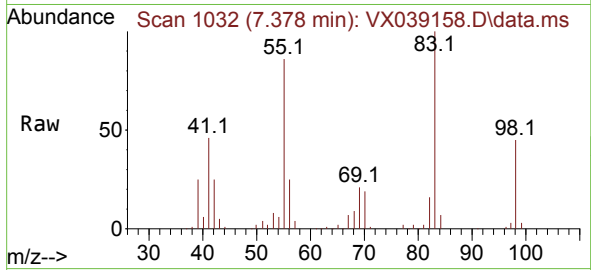
Tgt Ion: 83 Resp: 64373

Ion Ratio Lower Upper

83 100

55 86.1 64.6 97.0

98 45.4 36.7 55.1



#40

Benzene

Concen: 20.313 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039158.D

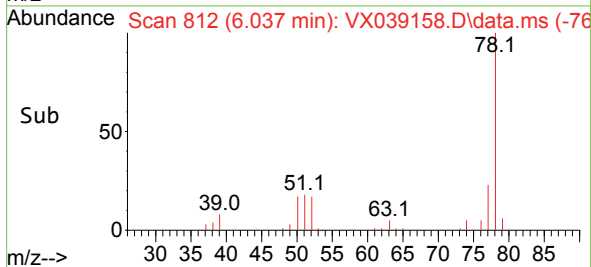
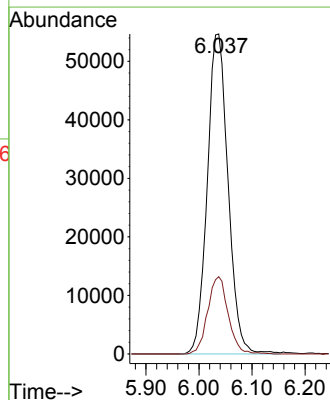
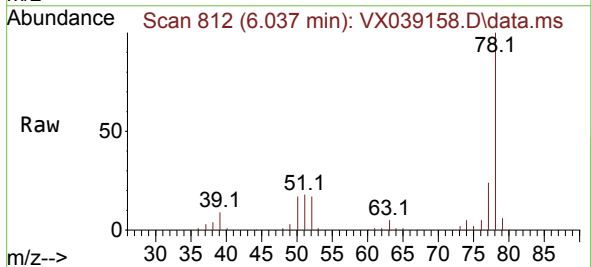
Acq: 12 Dec 2023 12:17

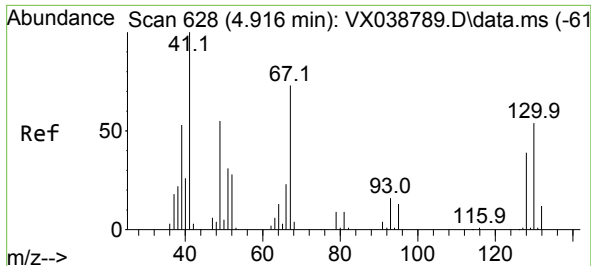
Tgt Ion: 78 Resp: 148731

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



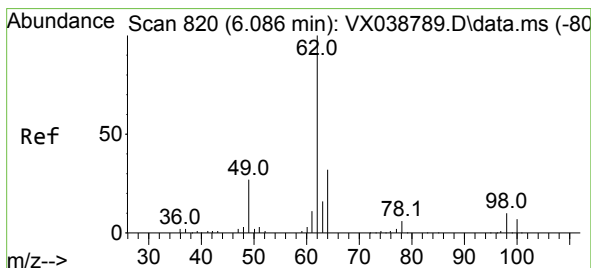
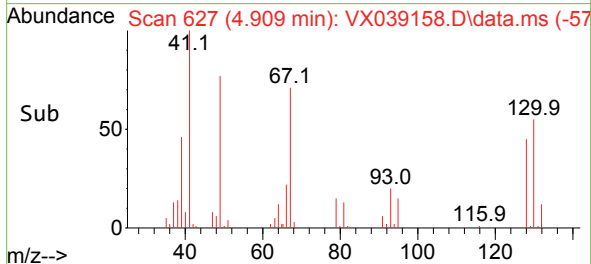
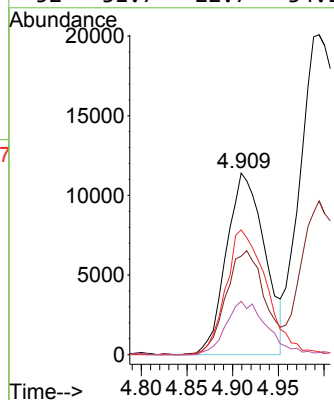
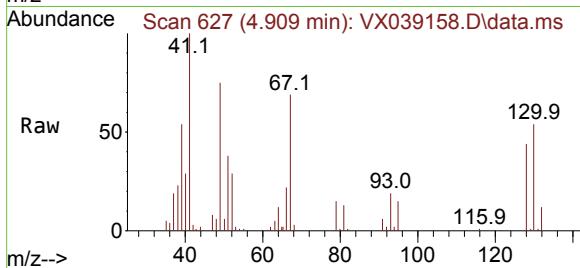


#41
Methacrylonitrile
Concen: 19.875 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 41 Resp: 33246

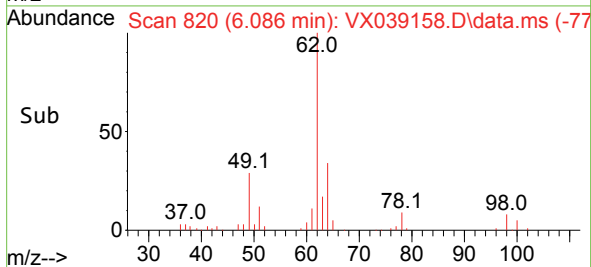
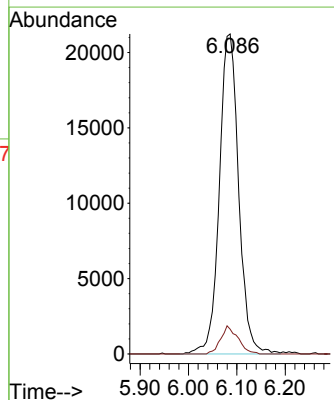
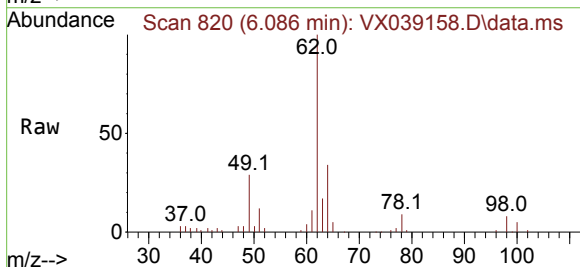
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.2	67.8
67	73.0	52.6	78.8
52	31.7	22.7	34.1

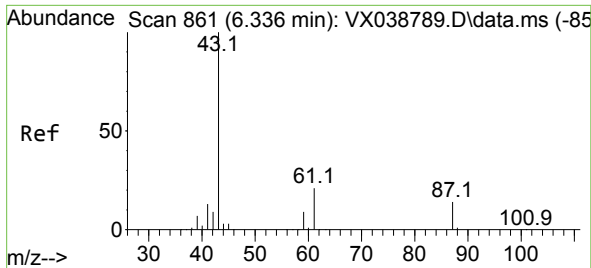


#42
1,2-Dichloroethane
Concen: 24.271 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 62 Resp: 58877

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.878 ug/l

RT: 6.330 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

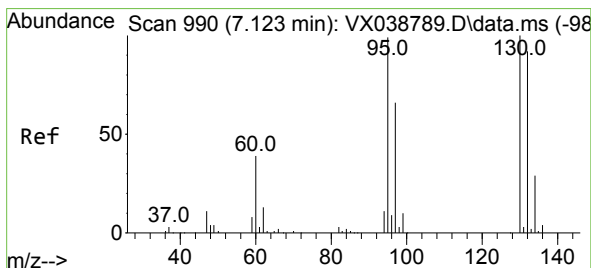
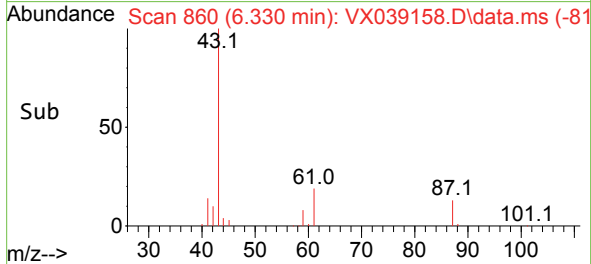
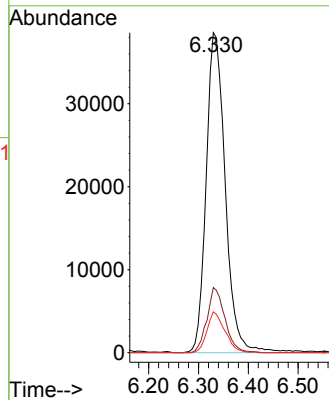
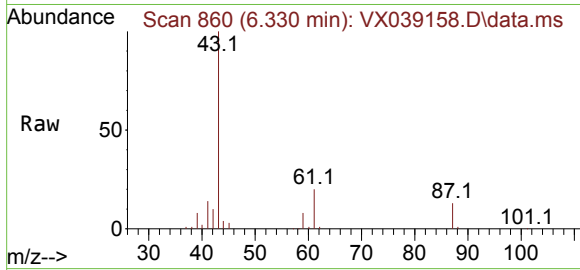
Tgt Ion: 43 Resp: 102459

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 20.556 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039158.D

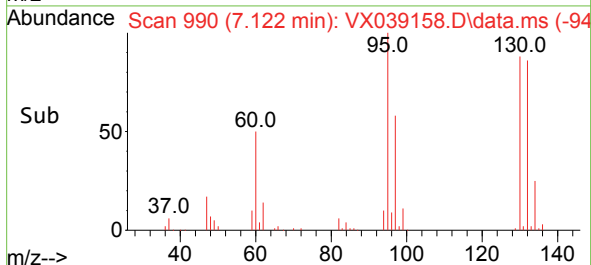
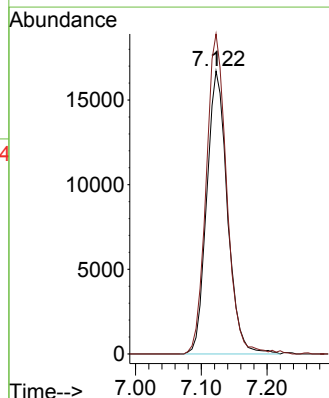
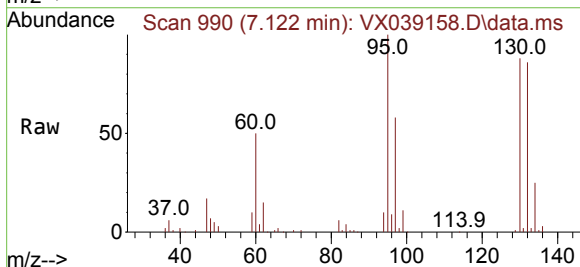
Acq: 12 Dec 2023 12:17

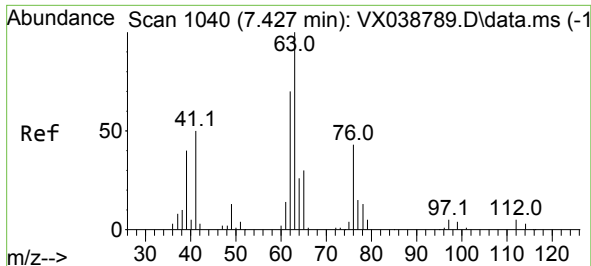
Tgt Ion:130 Resp: 36635

Ion Ratio Lower Upper

130 100

95 113.1 0.0 204.4

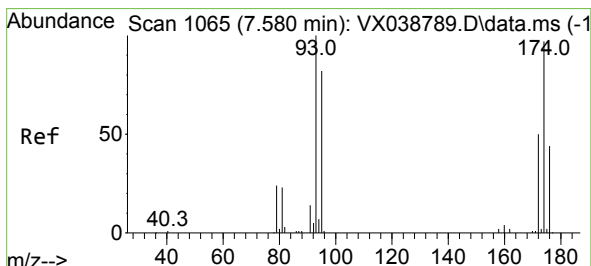
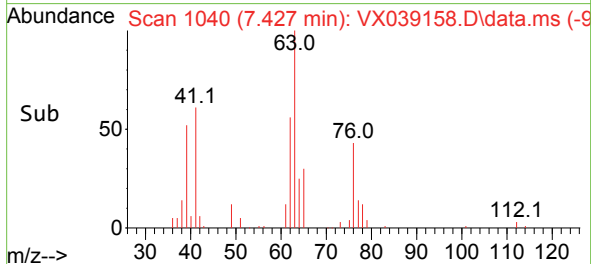
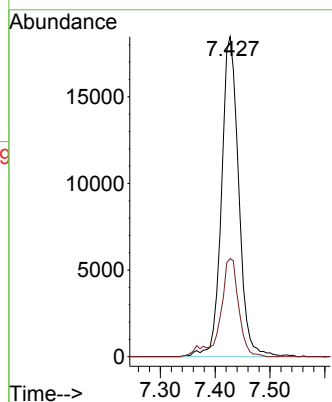
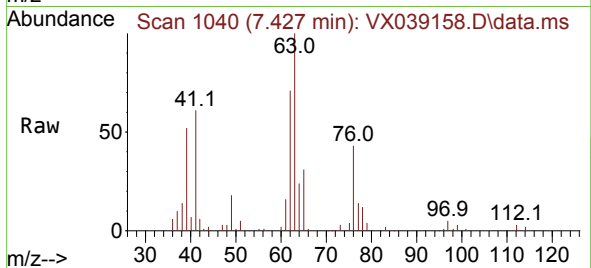




#45
1,2-Dichloropropane
Concen: 20.473 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

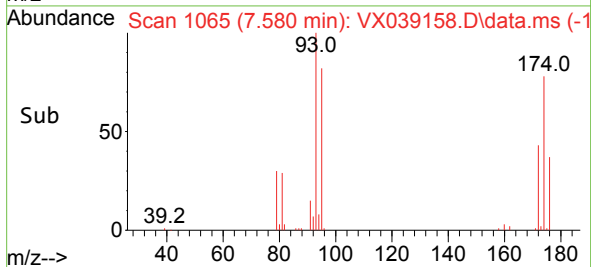
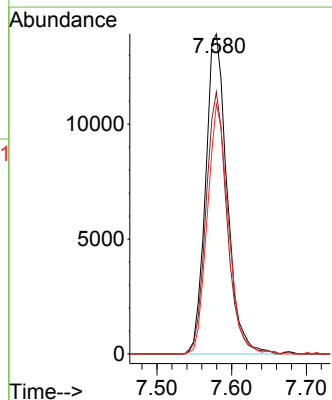
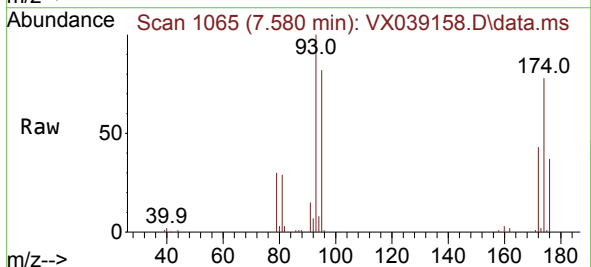
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

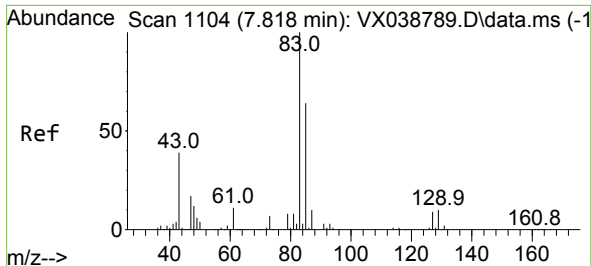
Tgt Ion: 63 Resp: 40339
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5



#46
Dibromomethane
Concen: 21.158 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 93 Resp: 27801
Ion Ratio Lower Upper
93 100
95 80.4 66.6 100.0
174 76.5 69.4 104.0

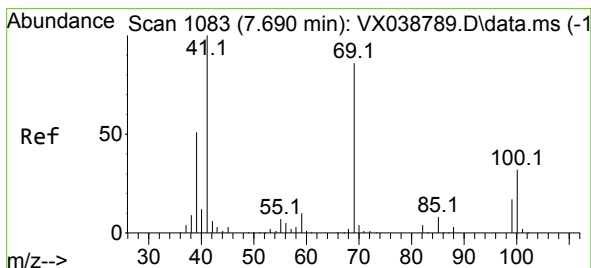
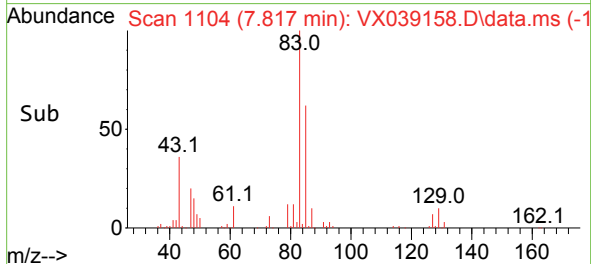
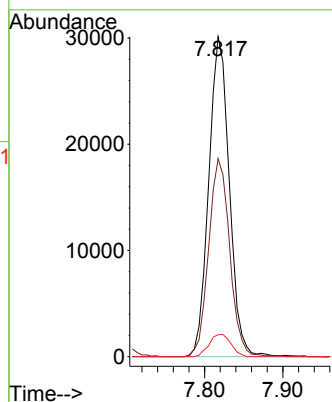
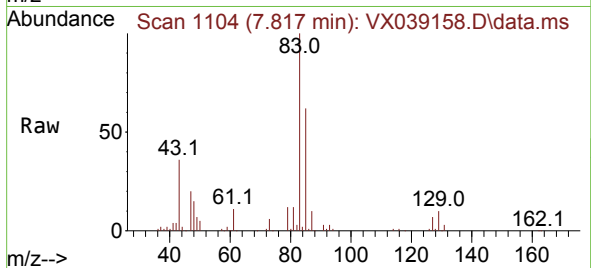




#47
Bromodichloromethane
Concen: 21.071 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

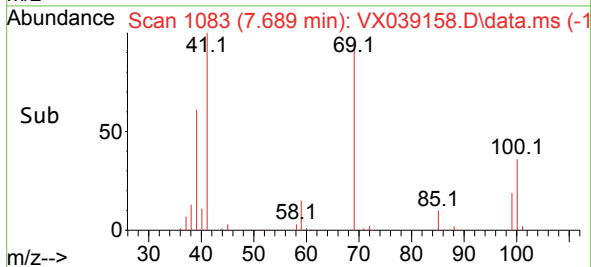
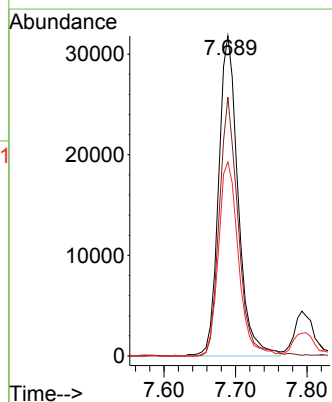
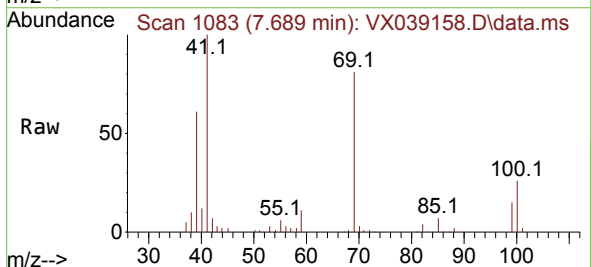
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

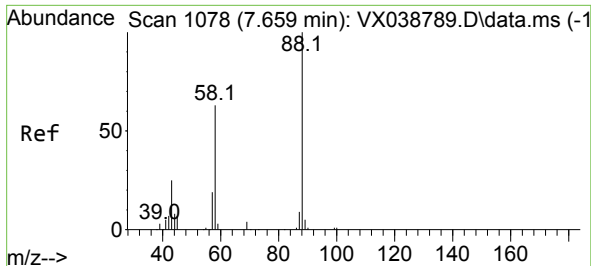
Tgt Ion: 83 Resp: 54952
Ion Ratio Lower Upper
83 100
85 61.8 49.8 74.6
127 6.8 7.1 10.7#



#48
Methyl methacrylate
Concen: 24.027 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 41 Resp: 60087
Ion Ratio Lower Upper
41 100
69 77.9 59.2 88.8
39 62.3 47.7 71.5





#49

1,4-Dioxane

Concen: 299.740 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

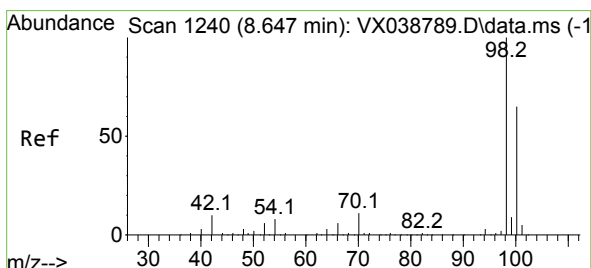
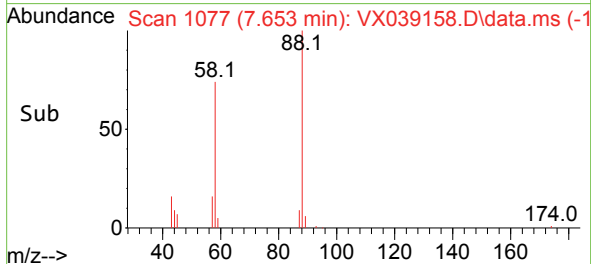
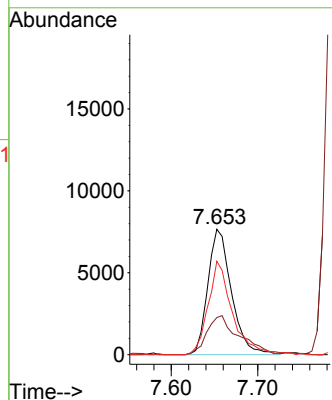
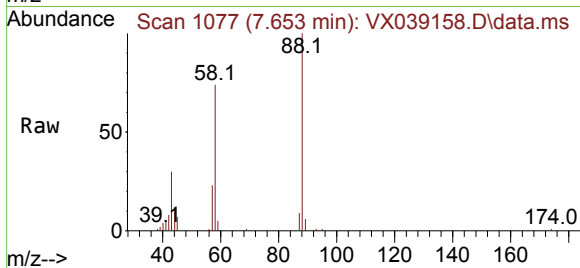
Tgt Ion: 88 Resp: 14502

Ion Ratio Lower Upper

88 100

43 43.5 0.0 0.0#

58 76.2 60.1 90.1



#50

Toluene-d8

Concen: 46.894 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039158.D

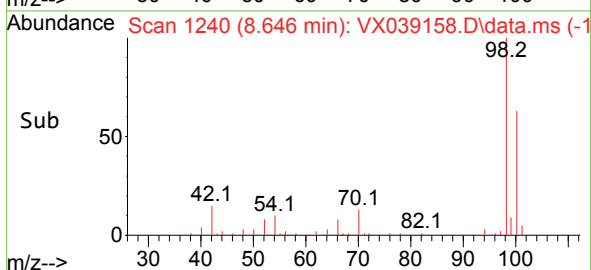
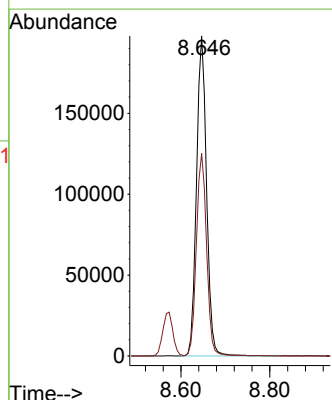
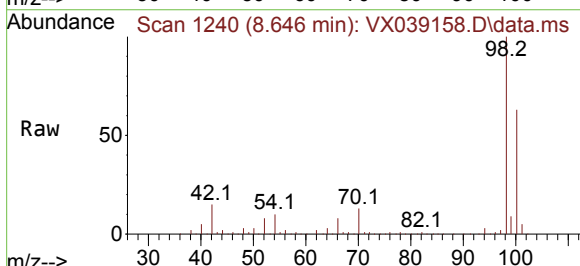
Acq: 12 Dec 2023 12:17

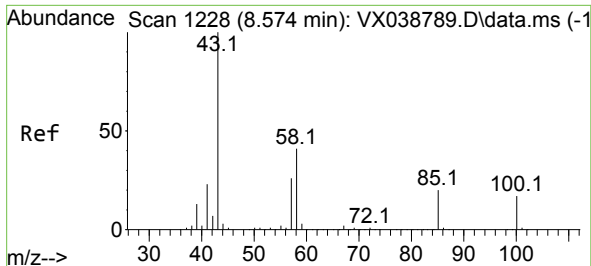
Tgt Ion: 98 Resp: 309895

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

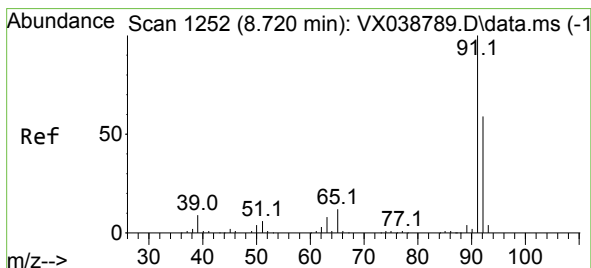
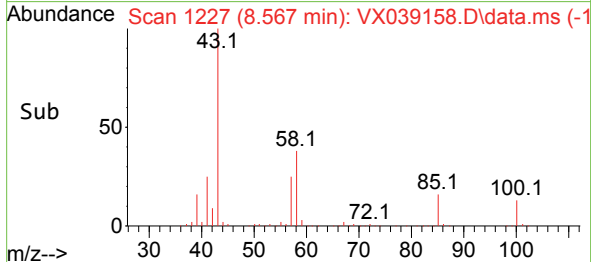
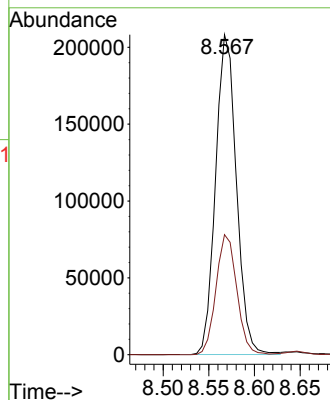
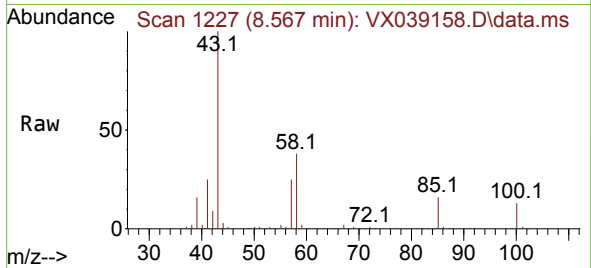




#51
4-Methyl-2-Pentanone
Concen: 100.198 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

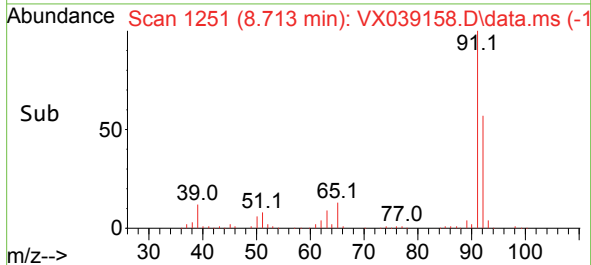
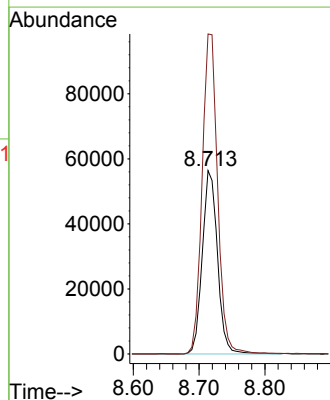
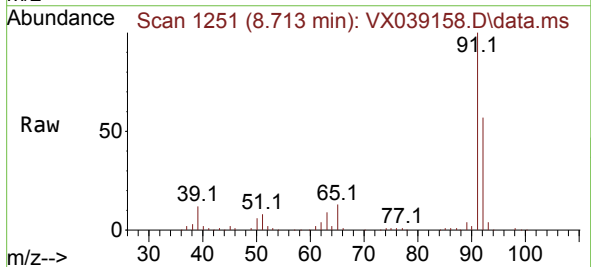
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

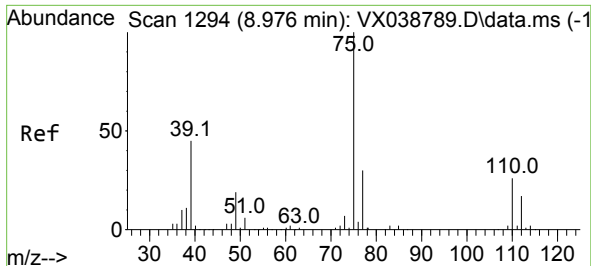
Tgt Ion: 43 Resp: 330043
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6



#52
Toluene
Concen: 19.926 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 92 Resp: 90534
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.407 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

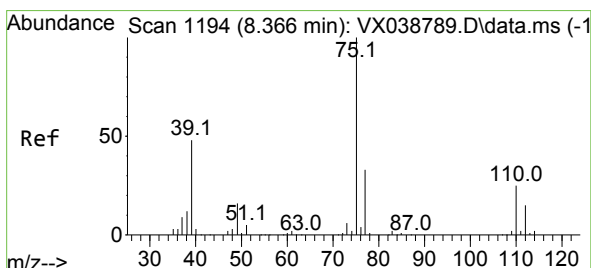
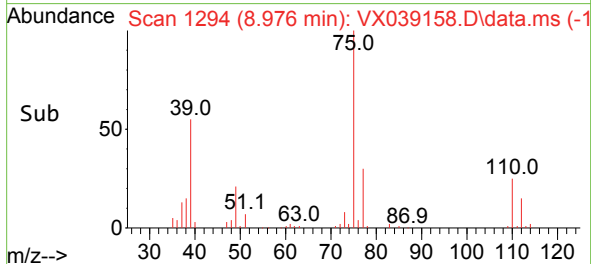
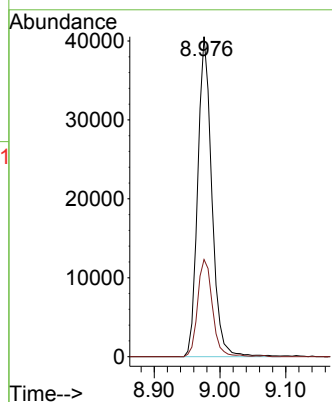
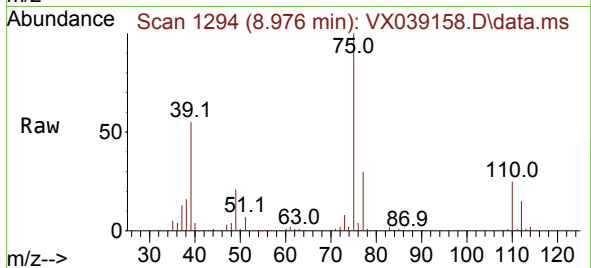
VX1212WBS01

Tgt Ion: 75 Resp: 60145

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.047 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

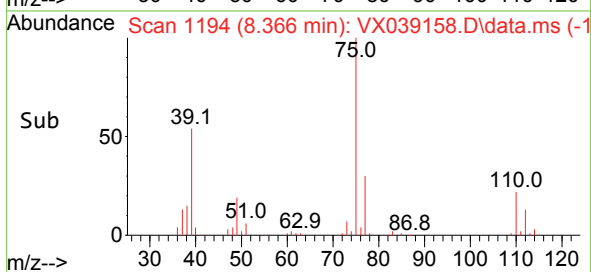
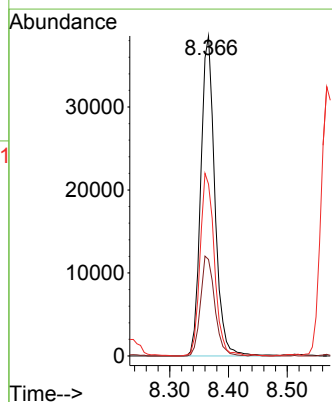
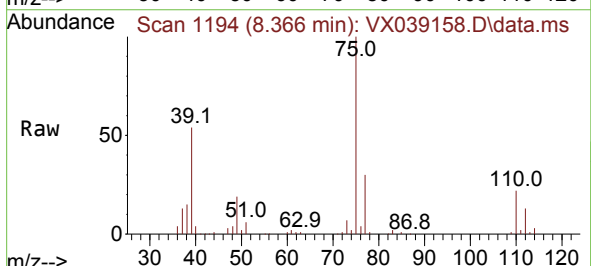
Tgt Ion: 75 Resp: 64175

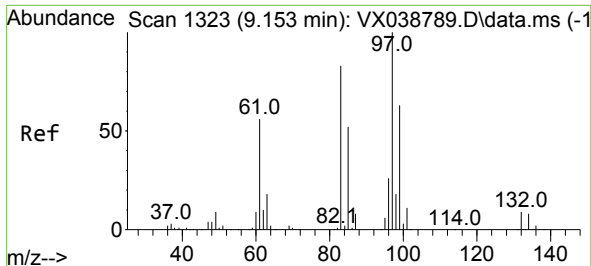
Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

39 53.7 46.7 70.1

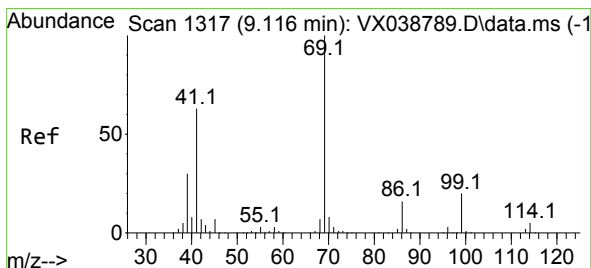
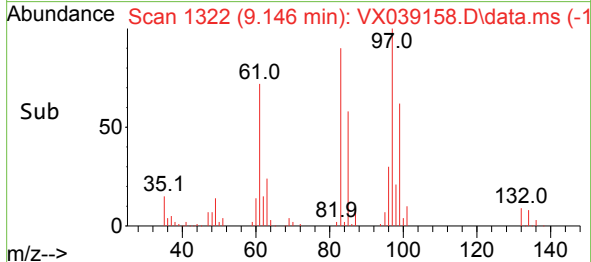
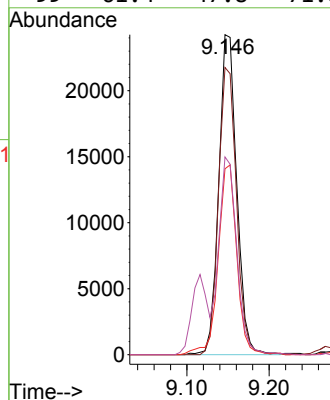
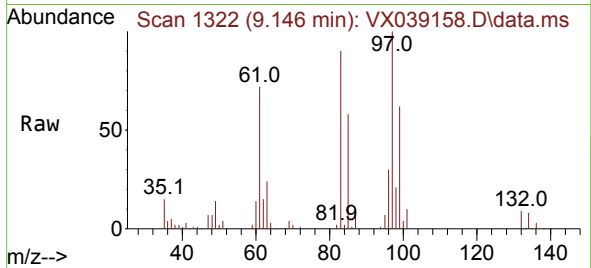




#55
 1,1,2-Trichloroethane
 Concen: 19.465 ug/l
 RT: 9.146 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

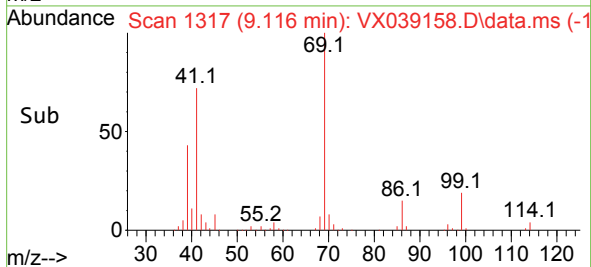
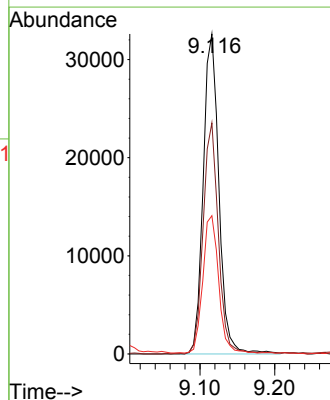
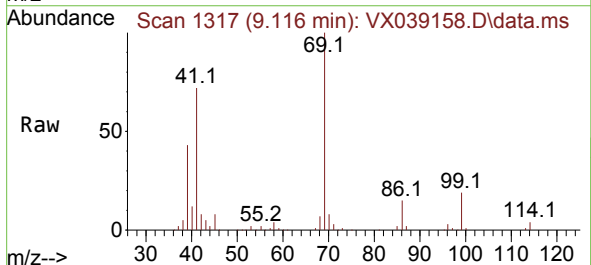
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

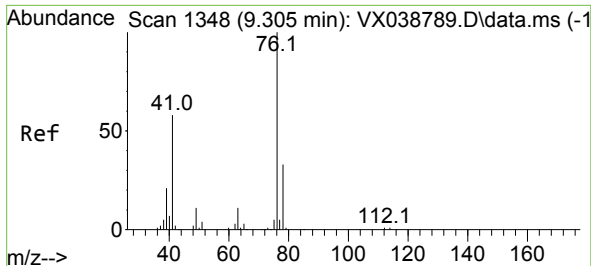
Tgt Ion: 97	Resp: 36903
Ion Ratio	Lower Upper
97 100	
83 89.7	65.8 98.8
85 58.1	41.6 62.4
99 61.4	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 14.825 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

Tgt Ion: 69	Resp: 47555
Ion Ratio	Lower Upper
69 100	
41 70.2	56.8 85.2
39 43.3	32.0 48.0

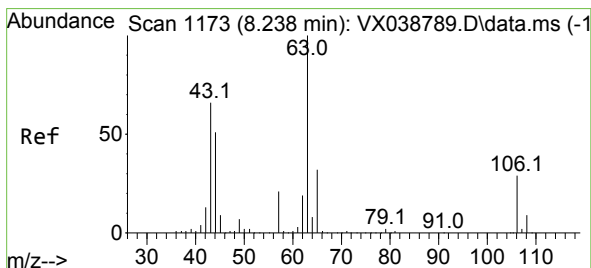
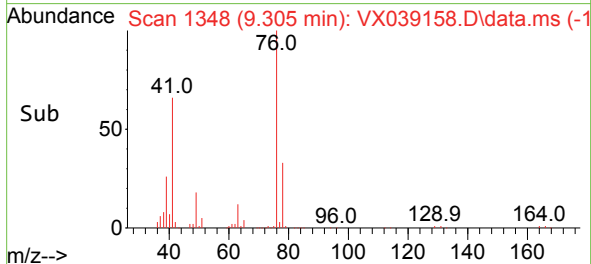
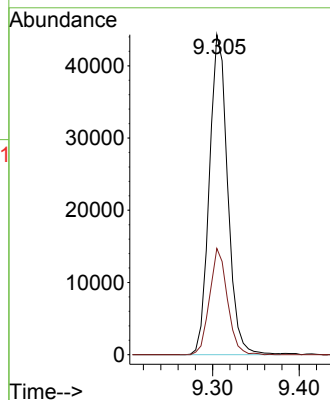
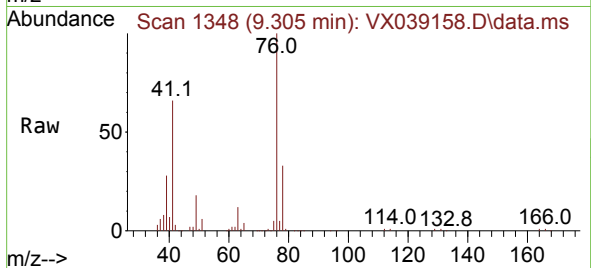




#57
1,3-Dichloropropane
Concen: 20.777 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

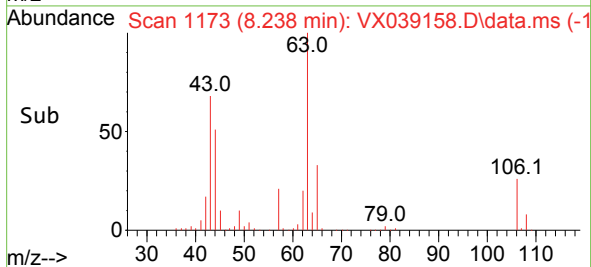
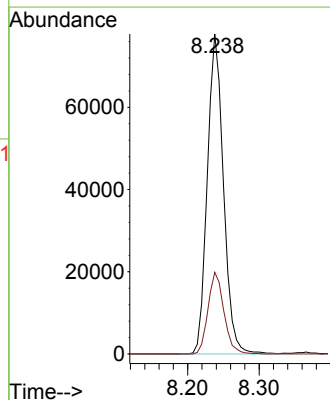
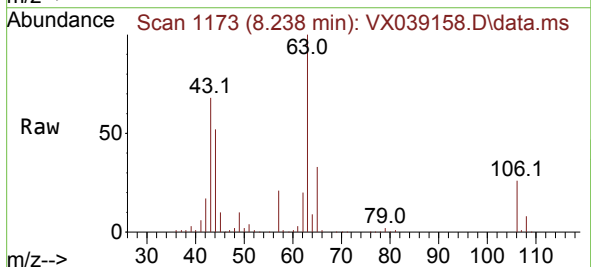
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

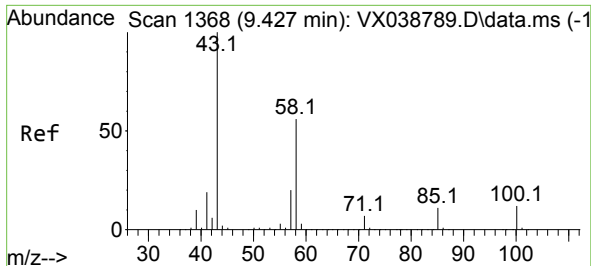
Tgt Ion: 76 Resp: 65145
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 81.794 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 63 Resp: 122222
Ion Ratio Lower Upper
63 100
106 25.1 22.5 33.7

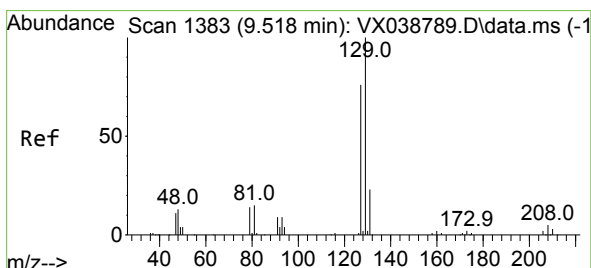
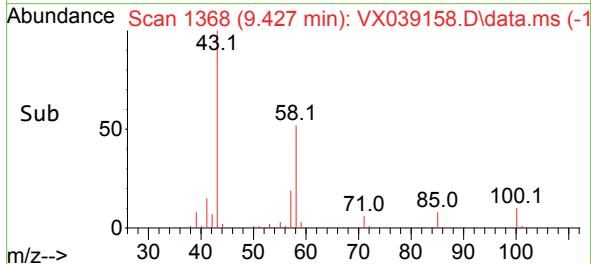
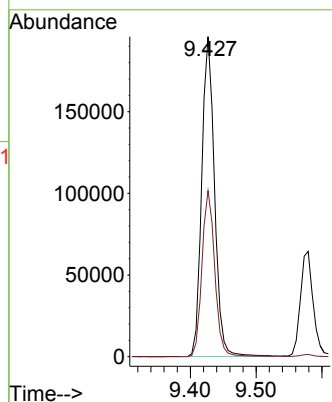
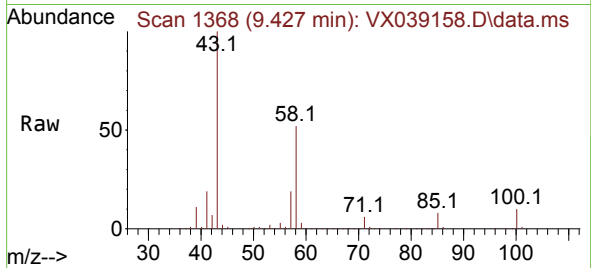




#59
2-Hexanone
Concen: 100.430 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

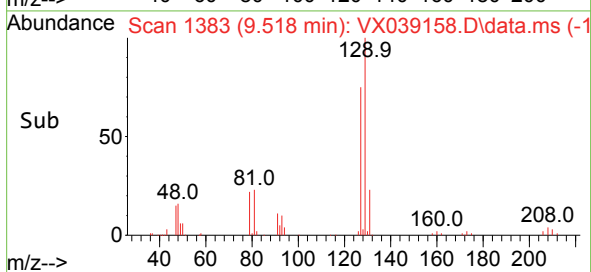
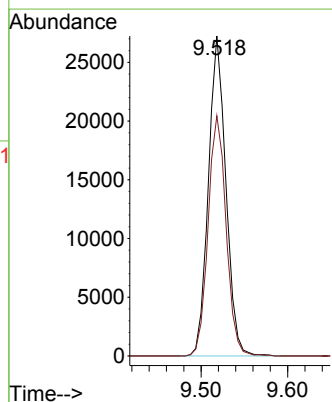
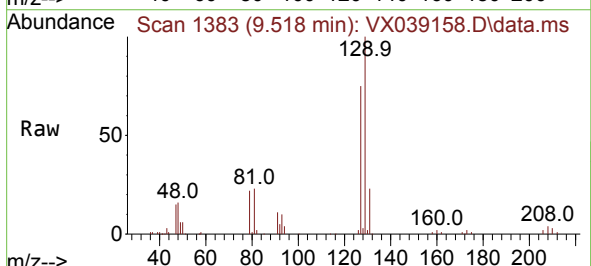
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tgt Ion: 43 Resp: 265152
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.5



#60
Dibromochloromethane
Concen: 19.835 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 129 Resp: 38235
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

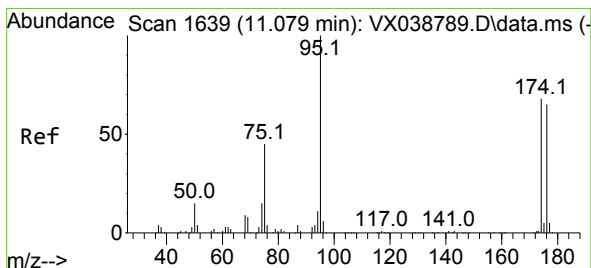
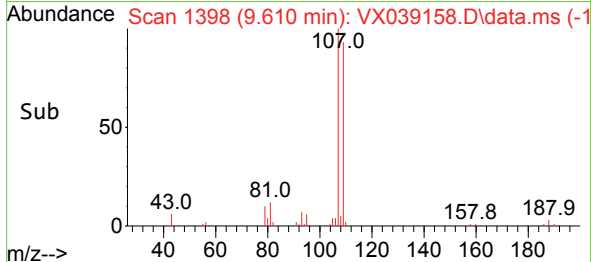
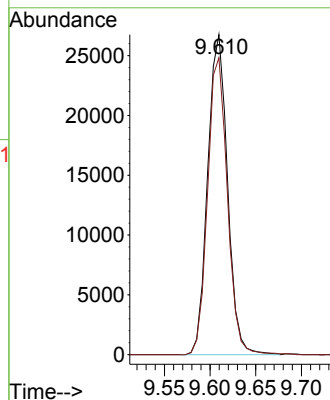
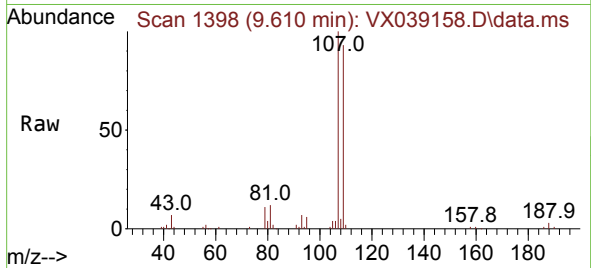




#61
1,2-Dibromoethane
Concen: 20.271 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

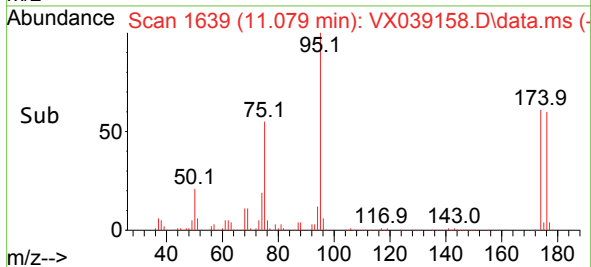
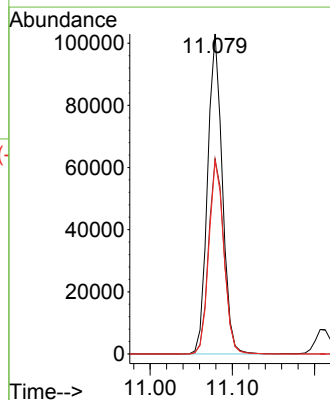
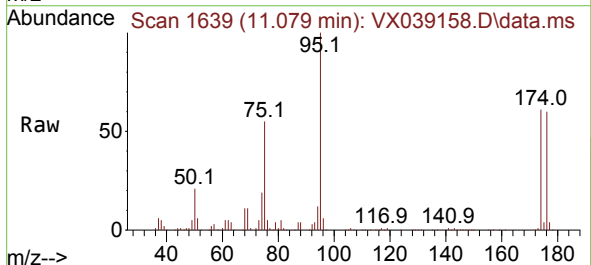
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

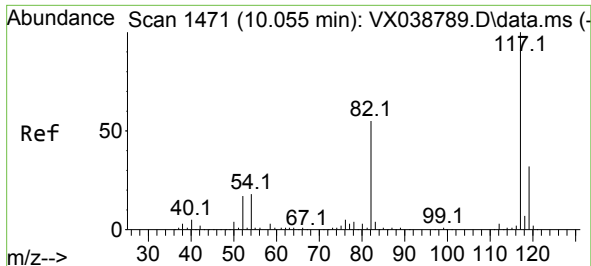
Tgt Ion:107 Resp: 40326
Ion Ratio Lower Upper
107 100
109 92.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 95 Resp: 127915
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 61.1 0.0 131.0

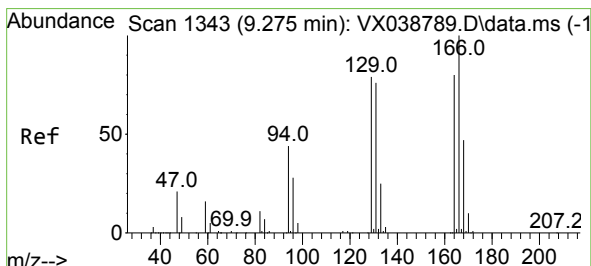
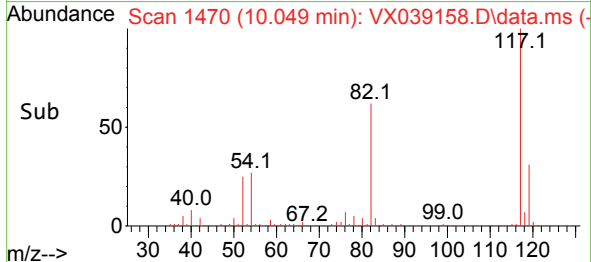
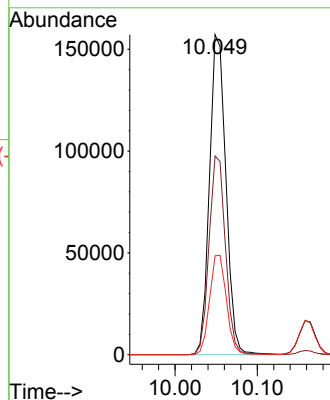
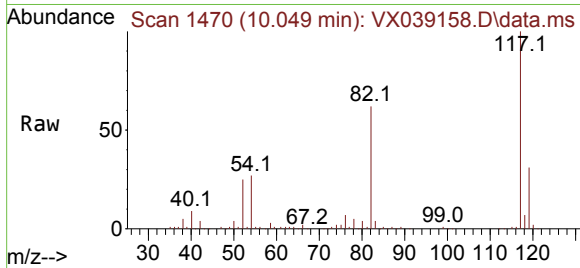




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

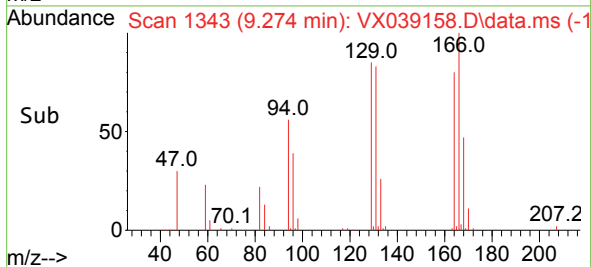
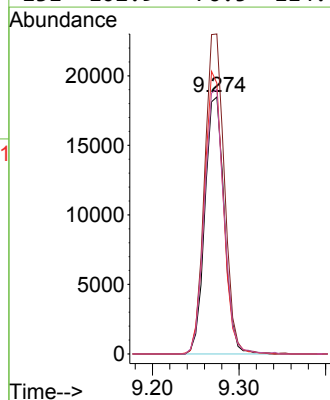
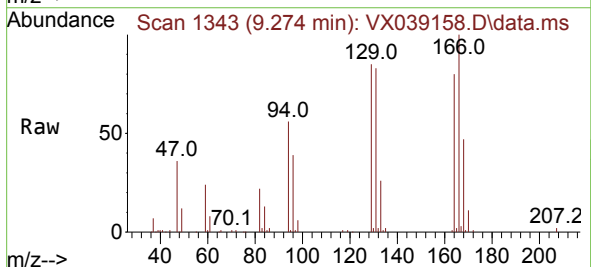
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

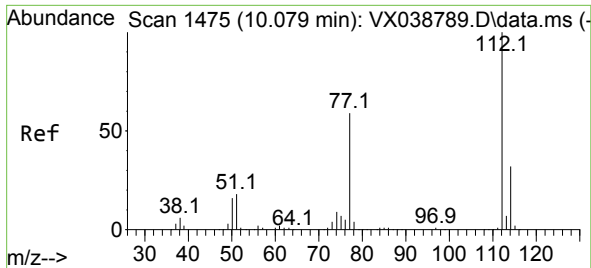
Tgt Ion:117 Resp: 218022
Ion Ratio Lower Upper
117 100
82 62.1 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 21.153 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion:164 Resp: 28666
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 105.4 80.4 120.6
131 102.9 76.5 114.7

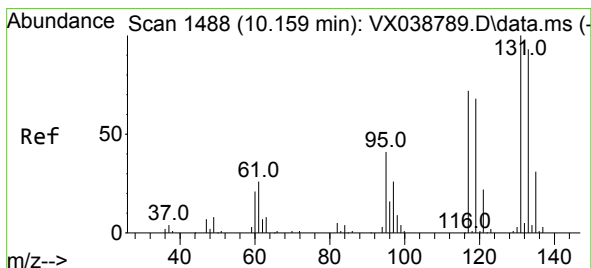
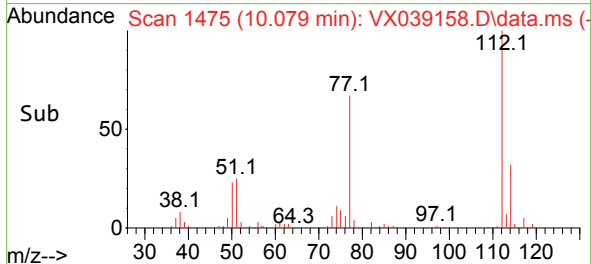
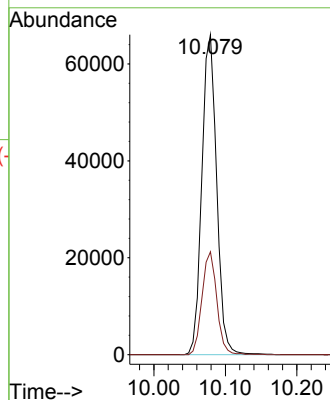
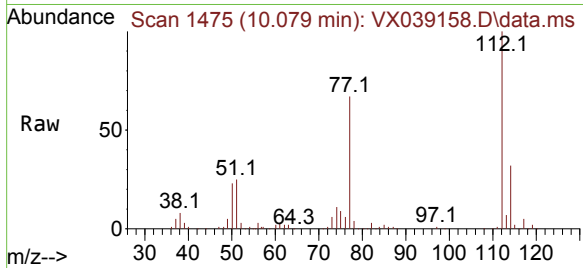




#65
Chlorobenzene
Concen: 20.222 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

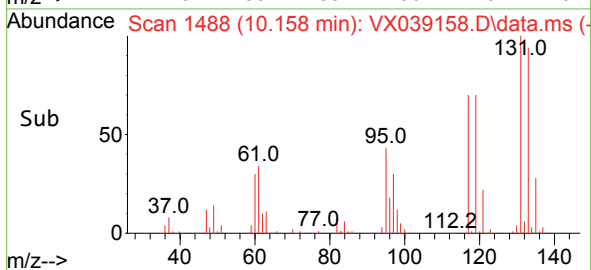
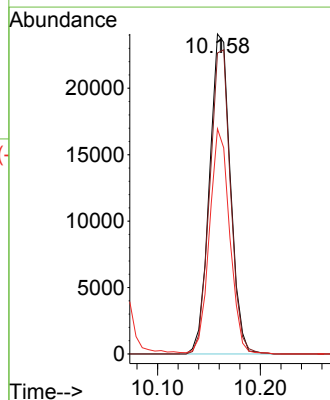
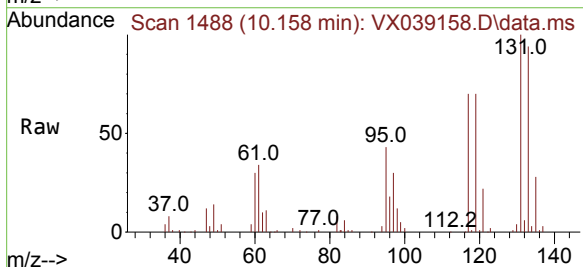
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

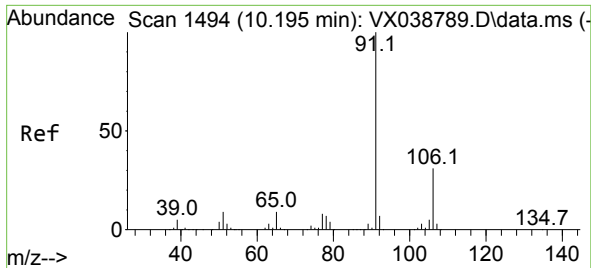
Tgt Ion:112 Resp: 94971
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.180 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion:131 Resp: 34091
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 68.1 32.2 96.6





#67

Ethyl Benzene

Concen: 21.055 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

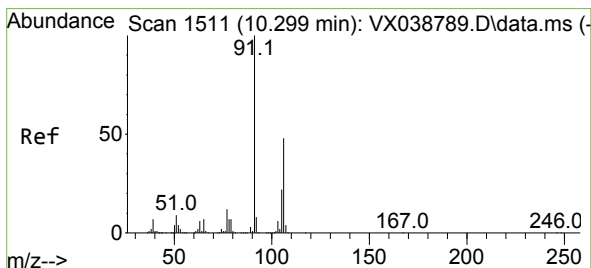
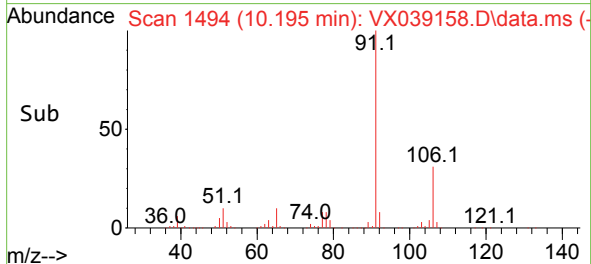
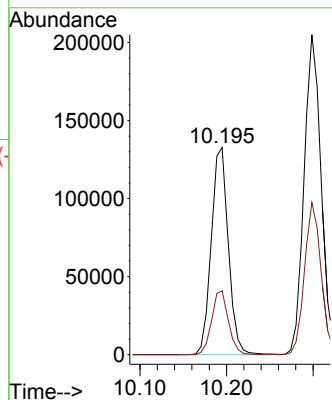
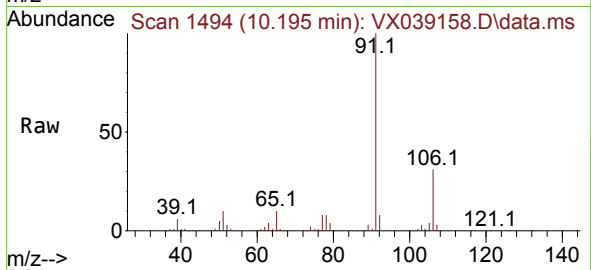
VX1212WBS01

Tgt Ion: 91 Resp: 181679

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 40.104 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039158.D

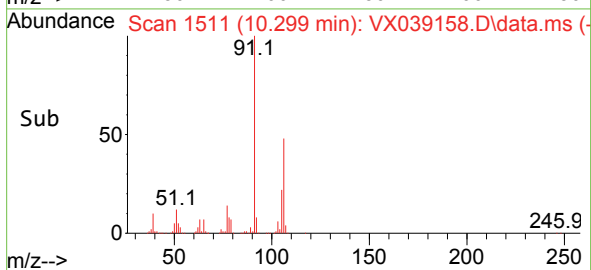
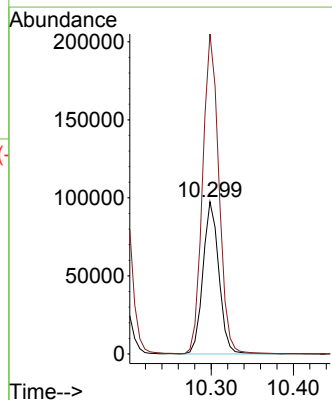
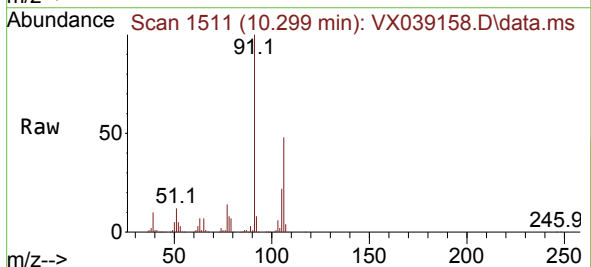
Acq: 12 Dec 2023 12:17

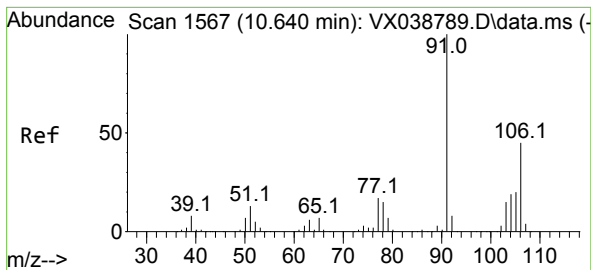
Tgt Ion: 106 Resp: 130899

Ion Ratio Lower Upper

106 100

91 215.1 165.5 248.3





#69

o-Xylene

Concen: 19.657 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

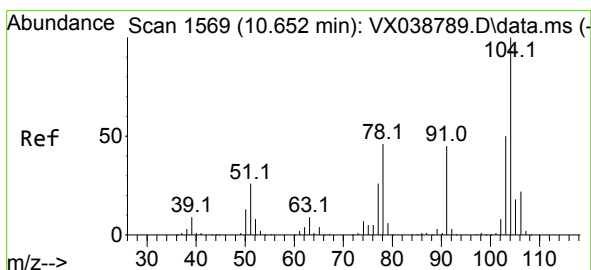
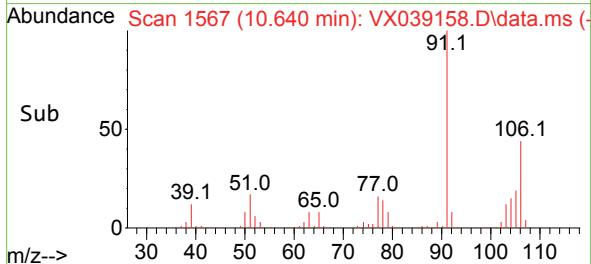
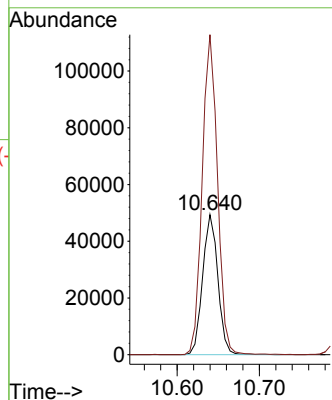
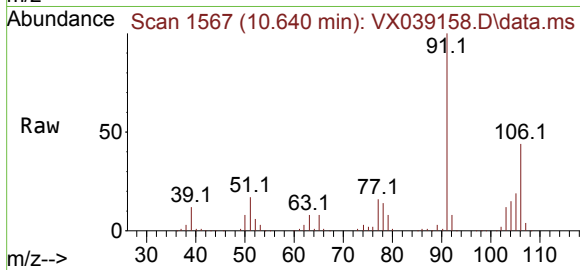
VX1212WBS01

Tgt Ion:106 Resp: 63485

Ion Ratio Lower Upper

106 100

91 229.3 108.9 326.8



#70

Styrene

Concen: 16.986 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

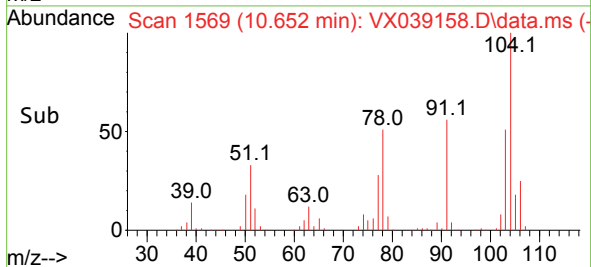
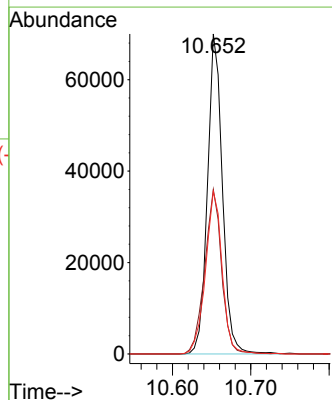
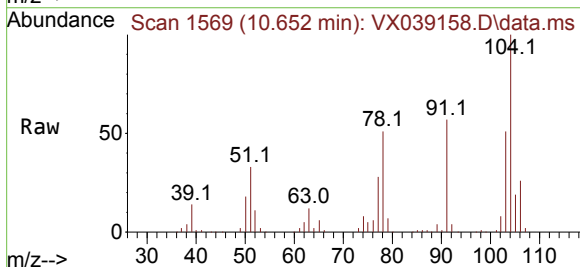
Tgt Ion:104 Resp: 92647

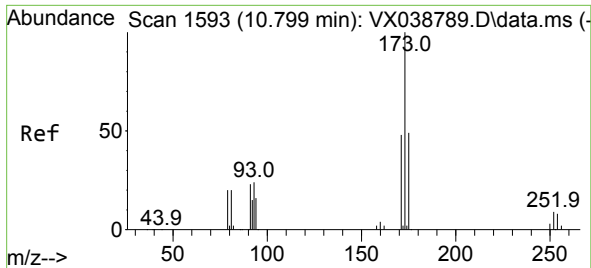
Ion Ratio Lower Upper

104 100

78 58.2 43.6 65.4

103 56.8 43.6 65.4

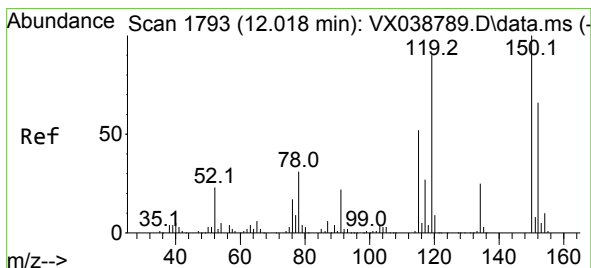
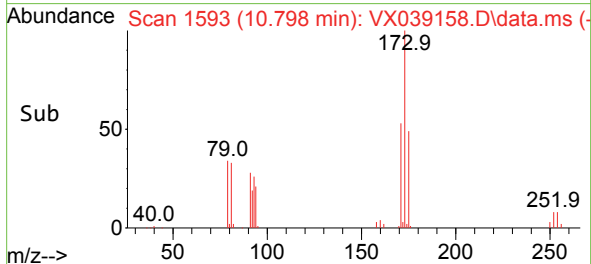
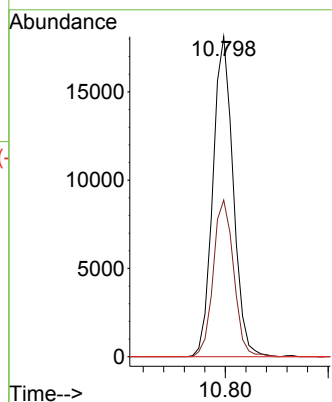
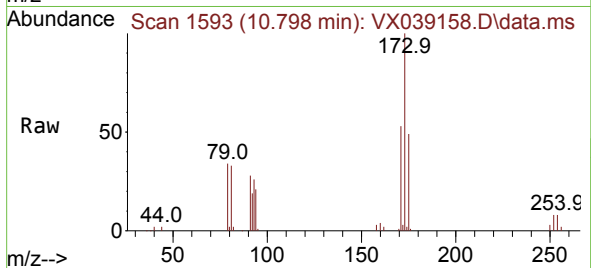




#71
Bromoform
Concen: 17.638 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

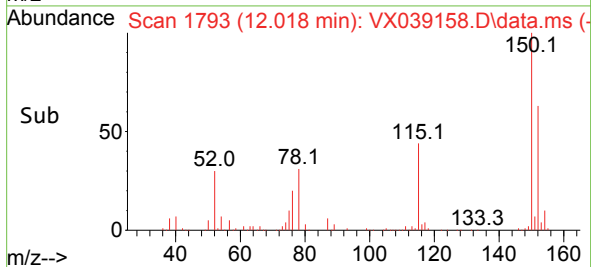
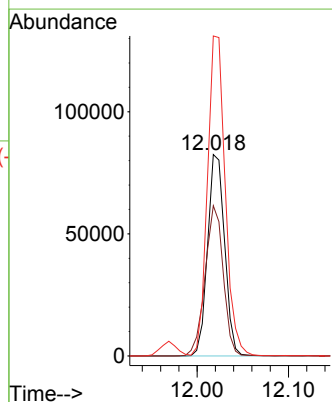
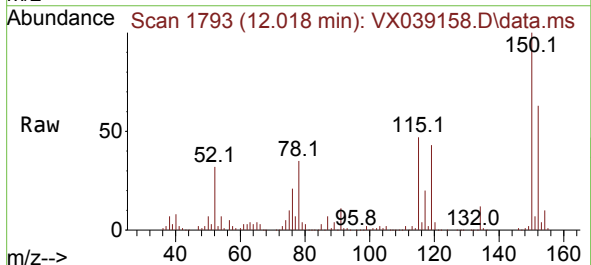
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

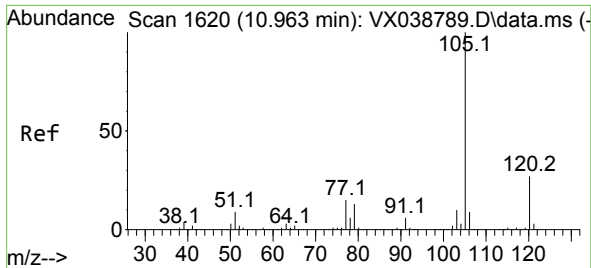
Tgt Ion:173 Resp: 24840
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion:152 Resp: 106790
Ion Ratio Lower Upper
152 100
115 79.5 43.3 129.9
150 165.2 0.0 345.0

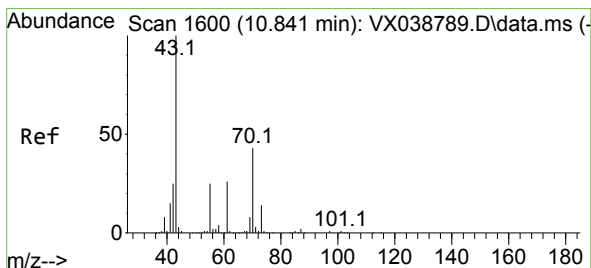
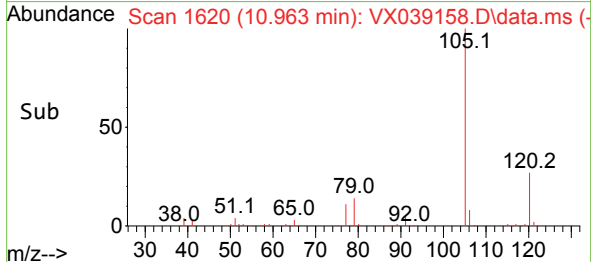
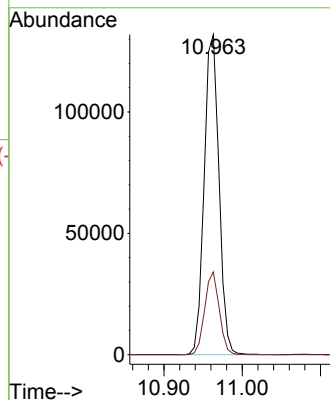
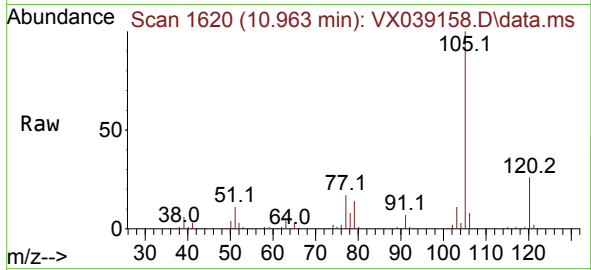




#73
Isopropylbenzene
Concen: 20.784 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

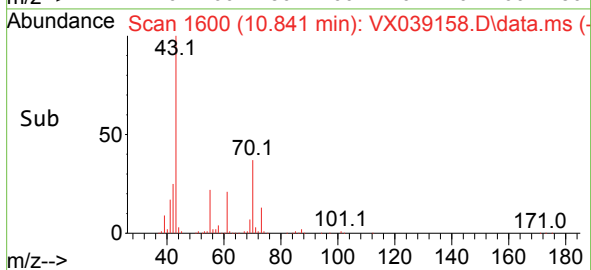
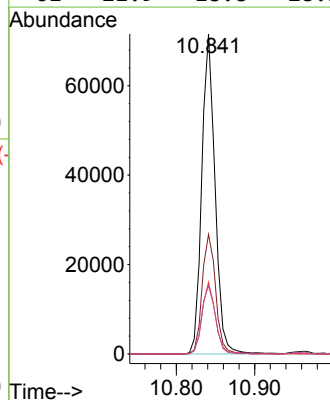
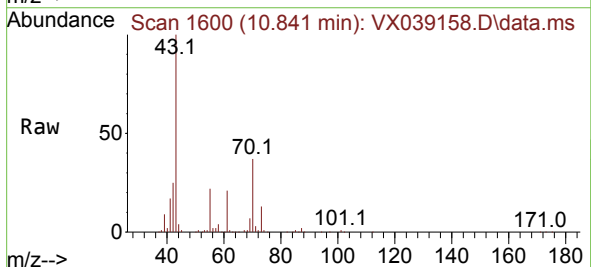
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

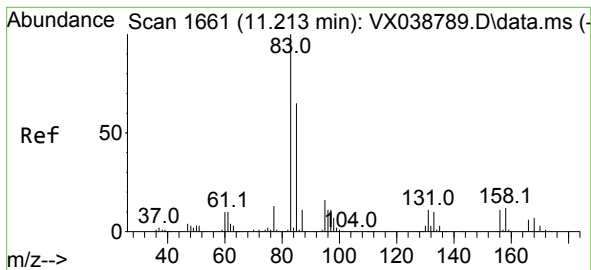
Tgt Ion:105 Resp: 172930
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 19.144 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 43 Resp: 84203
Ion Ratio Lower Upper
43 100
70 38.2 32.9 49.3
55 22.4 19.3 28.9
61 21.9 18.8 28.2

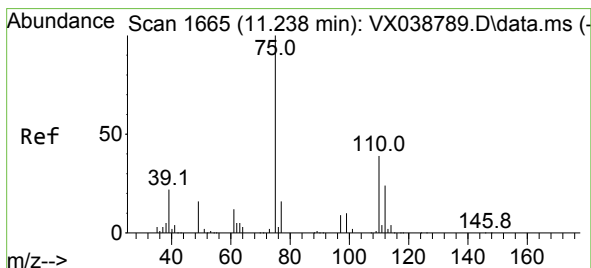
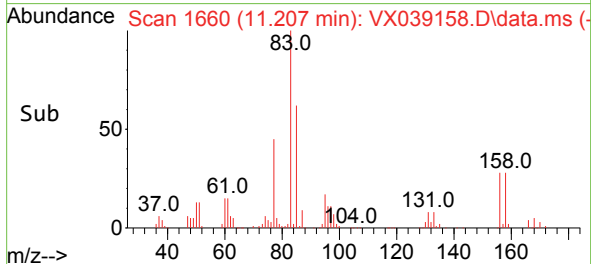
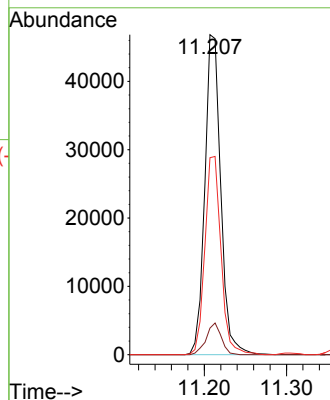
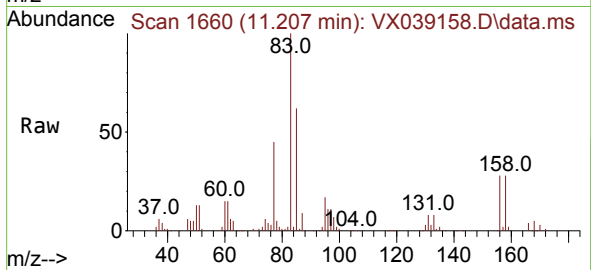




#75
1,1,2-Tetrachloroethane
Concen: 19.416 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

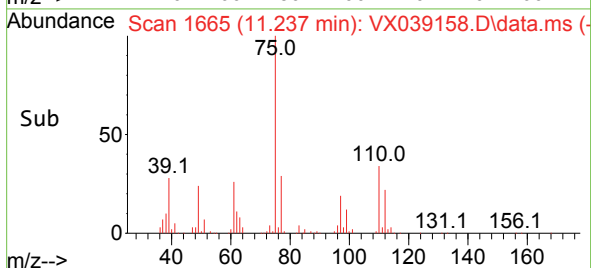
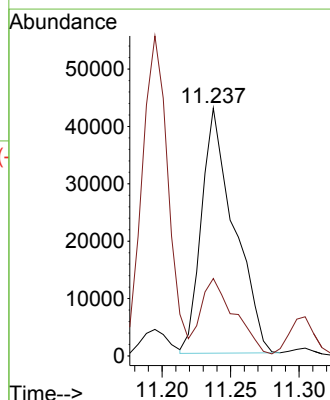
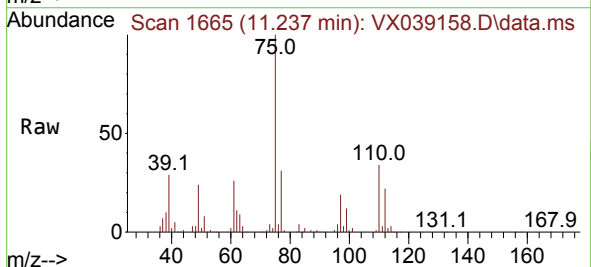
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

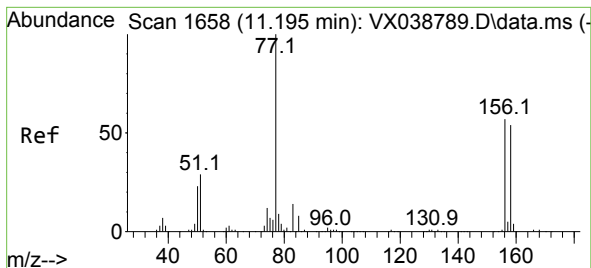
Tgt Ion: 83 Resp: 63063
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 62.6 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 26.679 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 75 Resp: 71082
Ion Ratio Lower Upper
75 100
77 33.1 19.1 57.5





#77

Bromobenzene

Concen: 19.645 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

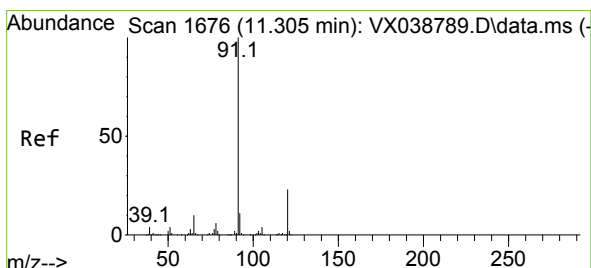
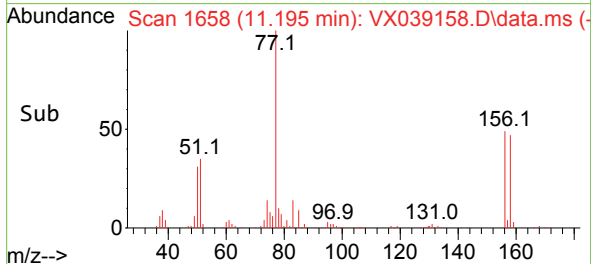
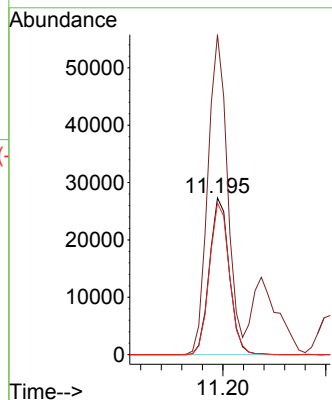
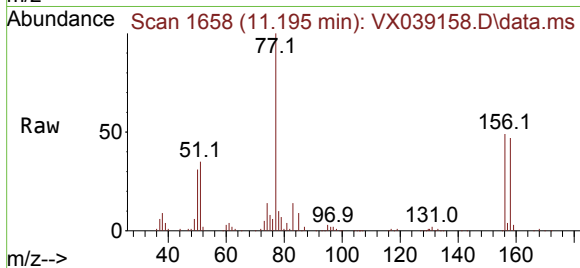
Tgt Ion:156 Resp: 36728

Ion Ratio Lower Upper

156 100

77 201.4 88.4 265.3

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 20.593 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039158.D

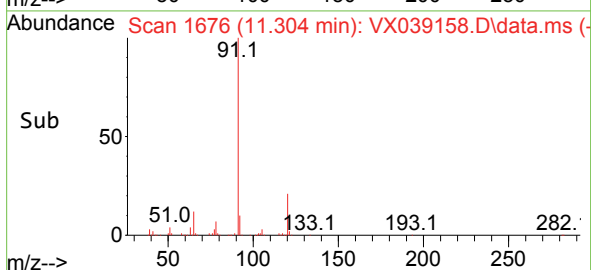
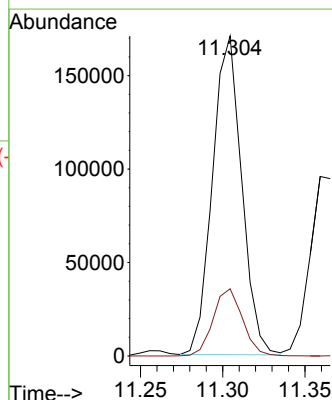
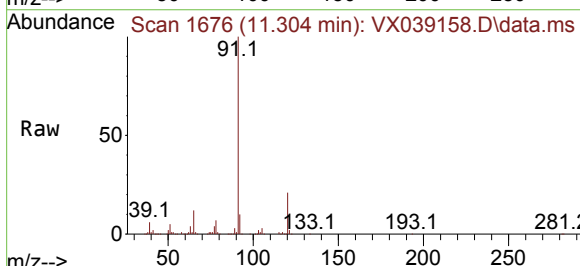
Acq: 12 Dec 2023 12:17

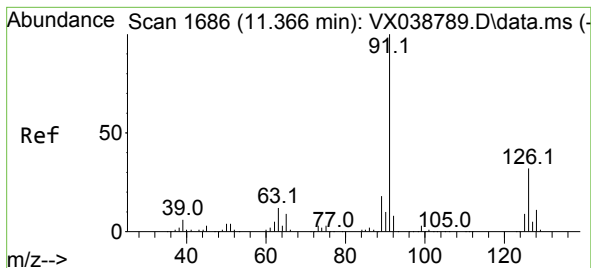
Tgt Ion: 91 Resp: 210905

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.625 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

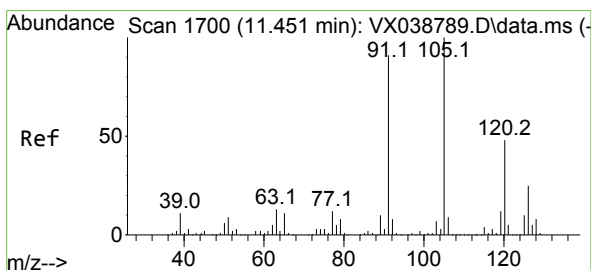
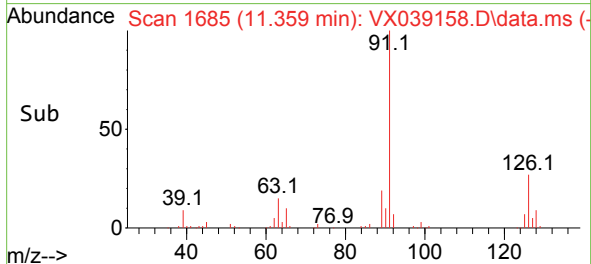
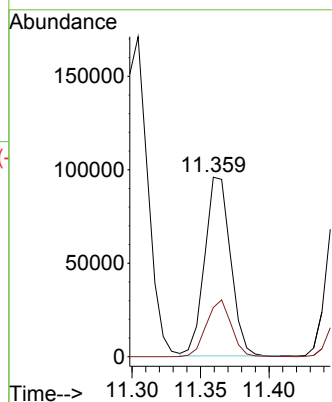
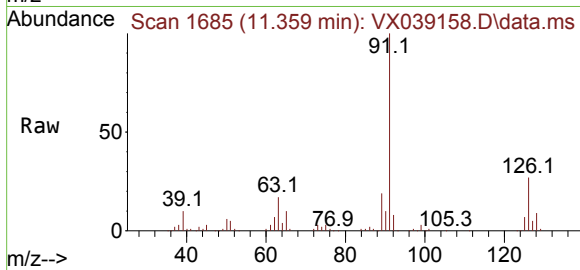
VX1212WBS01

Tgt Ion: 91 Resp: 125357

Ion Ratio Lower Upper

91 100

126 30.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.965 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039158.D

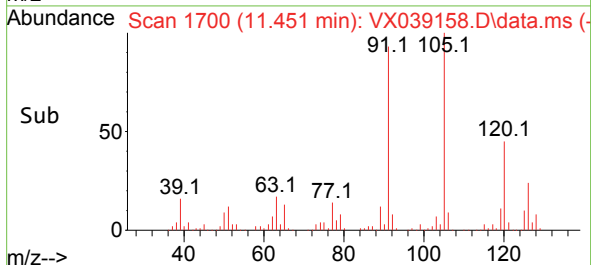
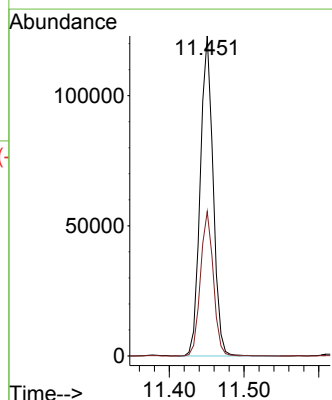
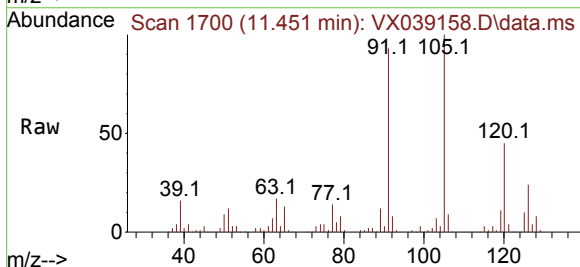
Acq: 12 Dec 2023 12:17

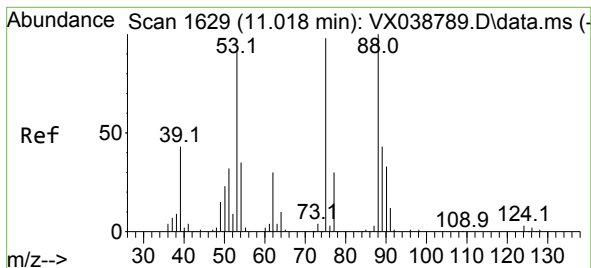
Tgt Ion:105 Resp: 146674

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3

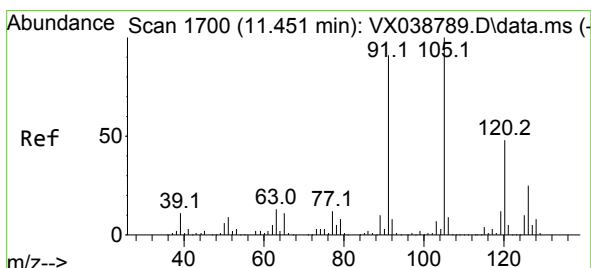
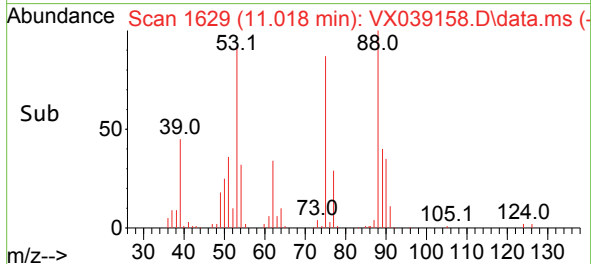
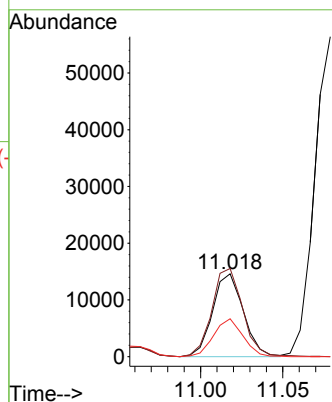
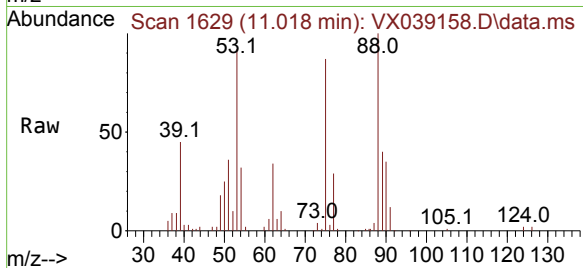




#81
trans-1,4-Dichloro-2-butene
Concen: 15.840 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

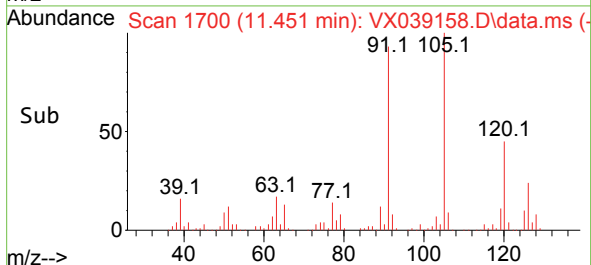
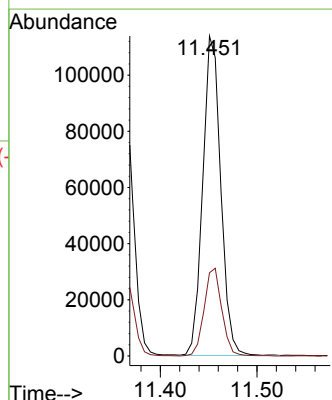
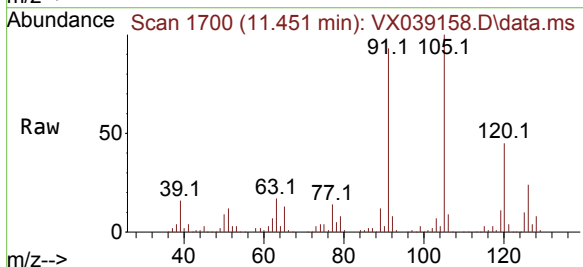
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

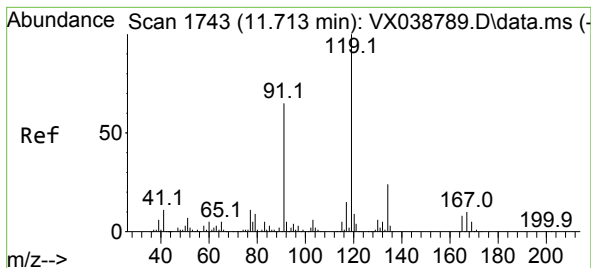
Tgt Ion: 75 Resp: 19027
Ion Ratio Lower Upper
75 100
53 106.7 90.5 135.7
89 43.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 21.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 91 Resp: 147382
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.385 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

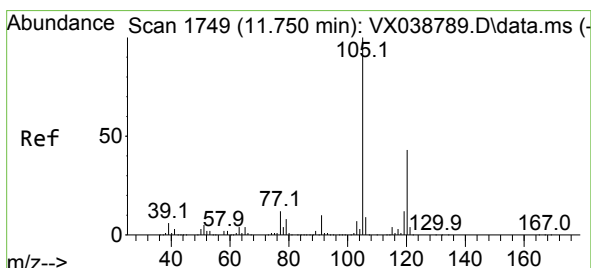
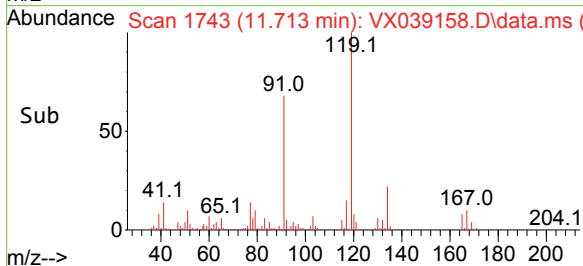
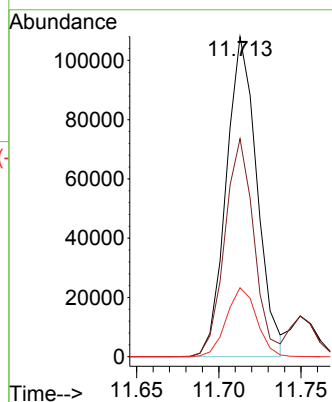
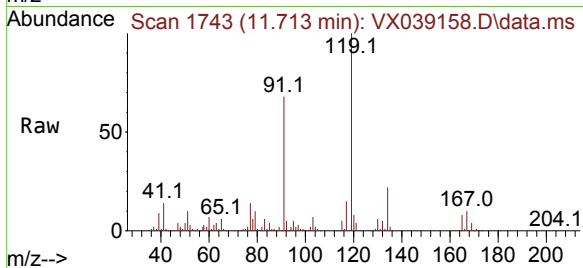
Tgt Ion:119 Resp: 140457

Ion Ratio Lower Upper

119 100

91 65.2 31.2 93.6

134 21.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 21.211 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039158.D

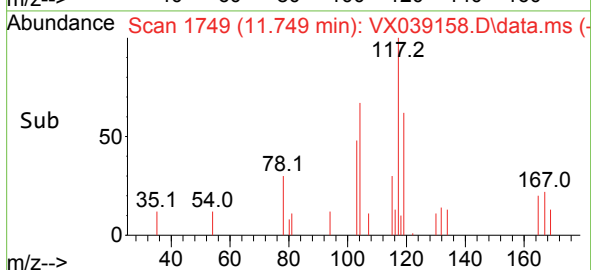
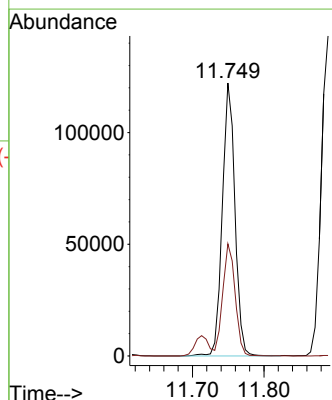
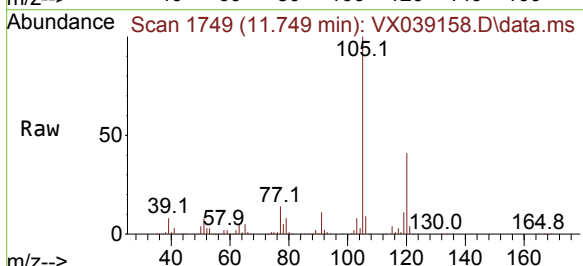
Acq: 12 Dec 2023 12:17

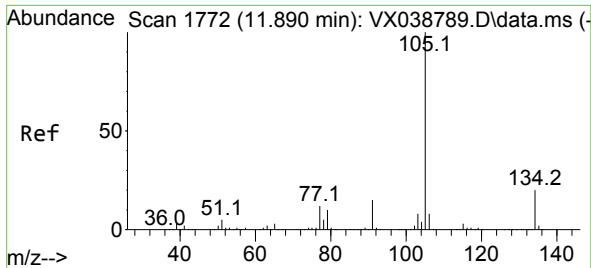
Tgt Ion:105 Resp: 150199

Ion Ratio Lower Upper

105 100

120 40.2 21.2 63.6

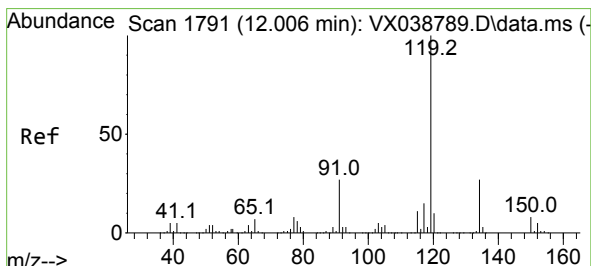
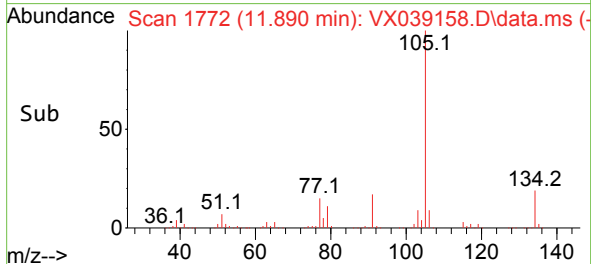
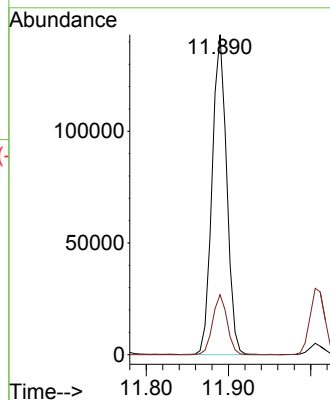
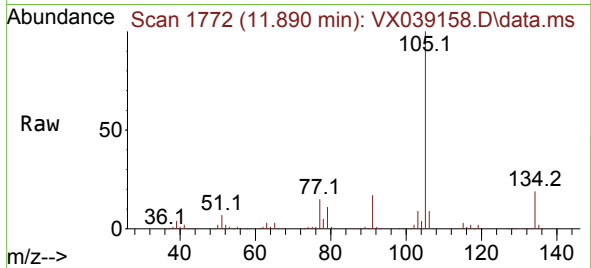




#85
 sec-Butylbenzene
 Concen: 19.596 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

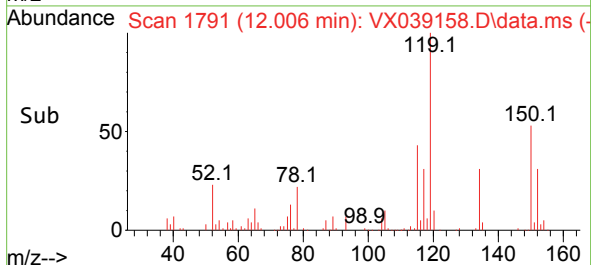
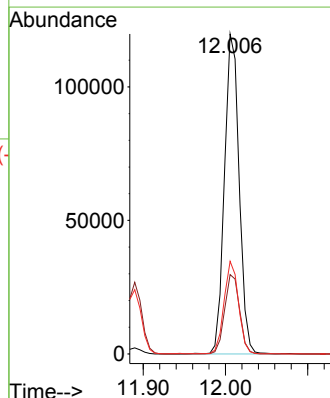
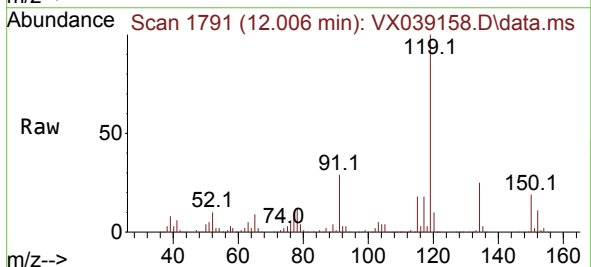
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

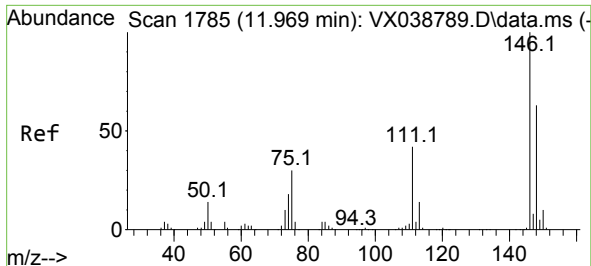
Tgt Ion:105 Resp: 176610
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.577 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039158.D
 Acq: 12 Dec 2023 12:17

Tgt Ion:119 Resp: 148869
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.582 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

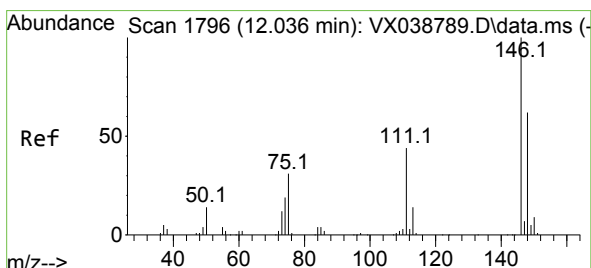
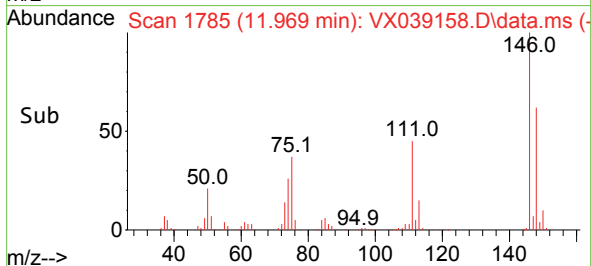
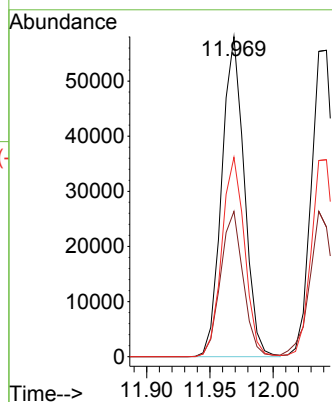
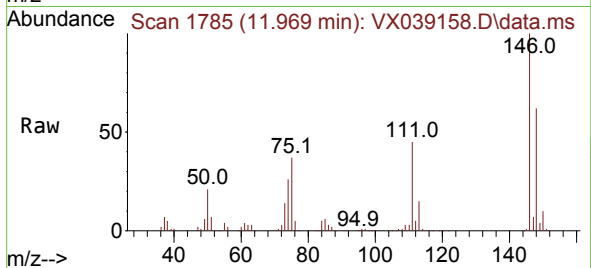
Tgt Ion:146 Resp: 71690

Ion Ratio Lower Upper

146 100

111 45.8 22.1 66.1

148 63.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.530 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

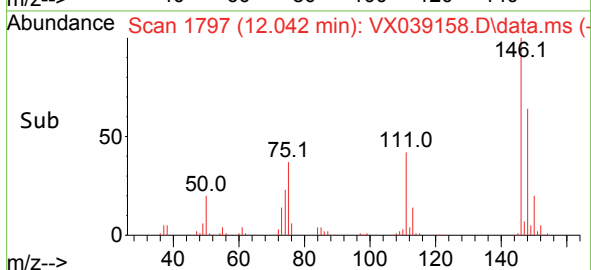
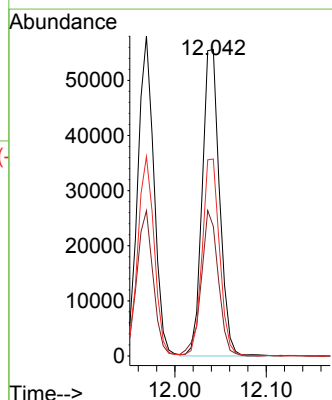
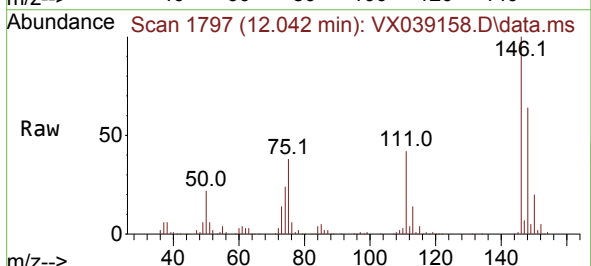
Tgt Ion:146 Resp: 73182

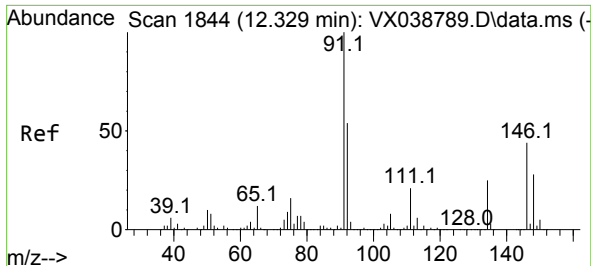
Ion Ratio Lower Upper

146 100

111 46.8 21.3 63.7

148 64.2 31.8 95.4

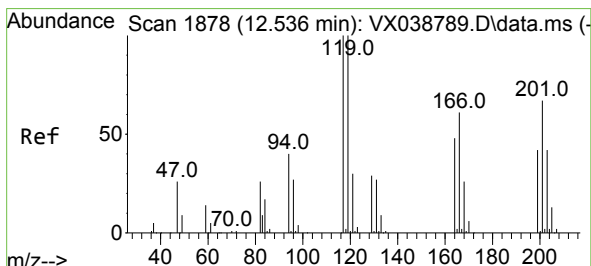
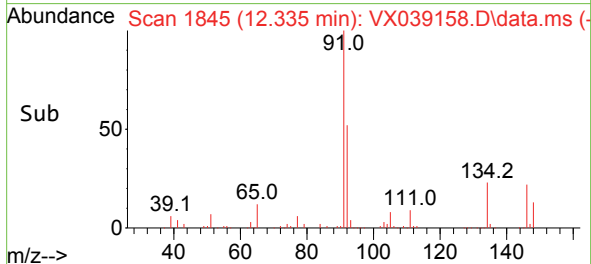
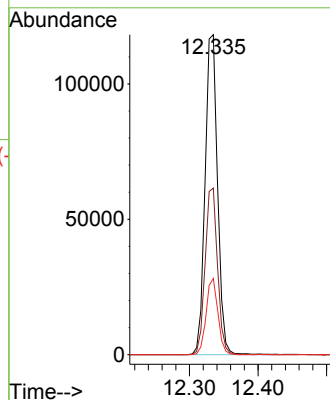
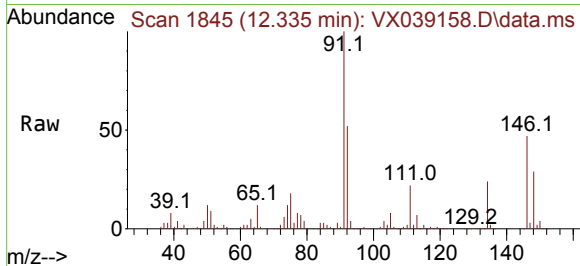




#89
n-Butylbenzene
Concen: 20.543 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

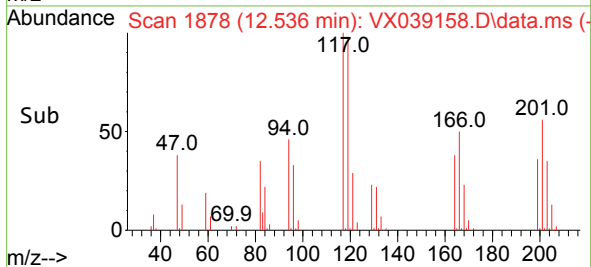
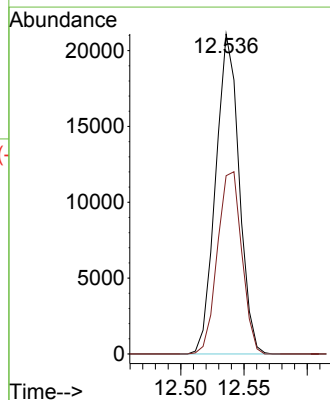
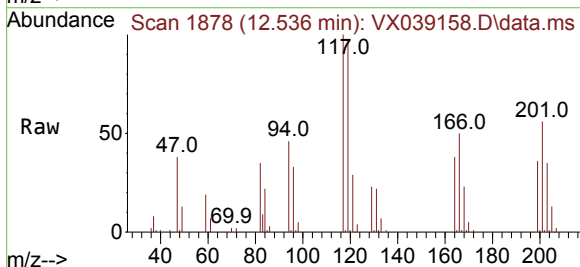
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

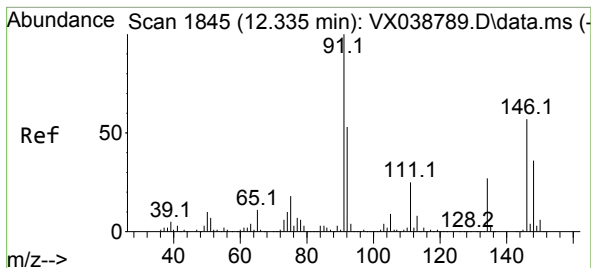
Tgt Ion: 91 Resp: 149951
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 22.5 12.6 37.8



#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039158.D
Acq: 12 Dec 2023 12:17

Tgt Ion: 117 Resp: 27137
Ion Ratio Lower Upper
117 100
201 59.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.077 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

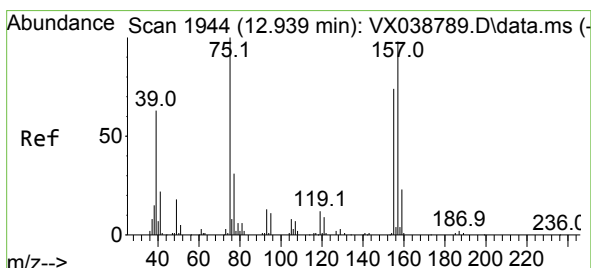
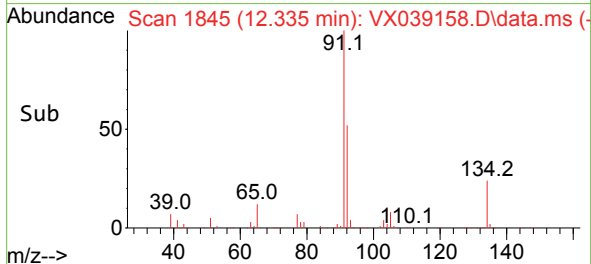
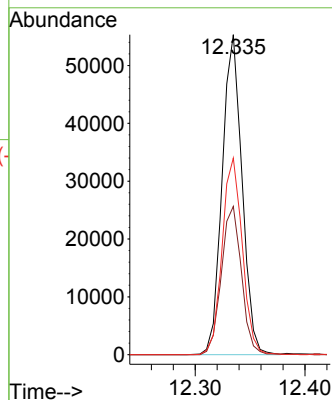
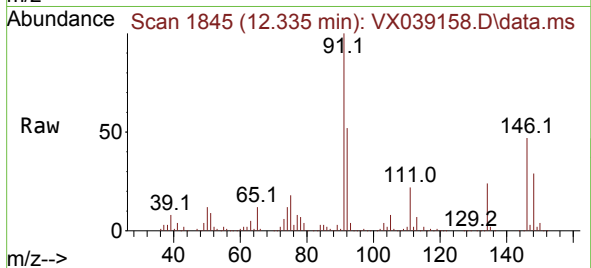
Tgt Ion:146 Resp: 69715

Ion Ratio Lower Upper

146 100

111 47.0 22.4 67.0

148 62.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.313 ug/l

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

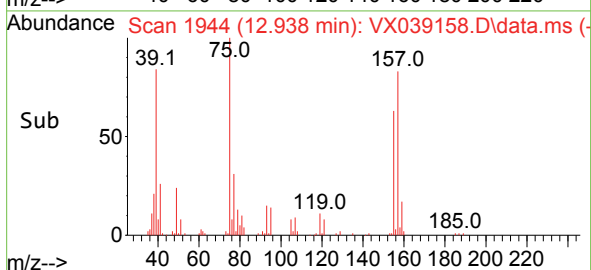
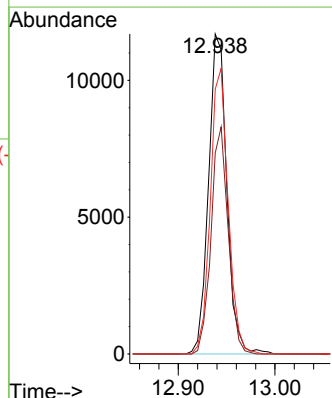
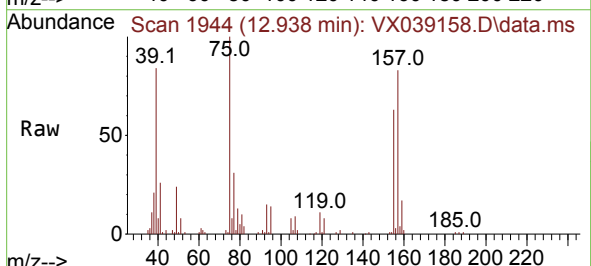
Tgt Ion: 75 Resp: 15369

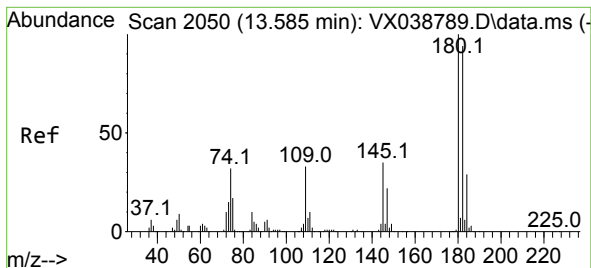
Ion Ratio Lower Upper

75 100

155 66.5 36.1 108.5

157 87.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.030 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

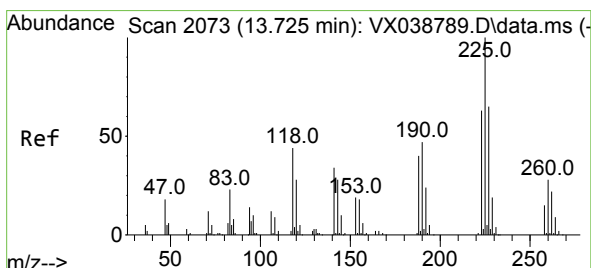
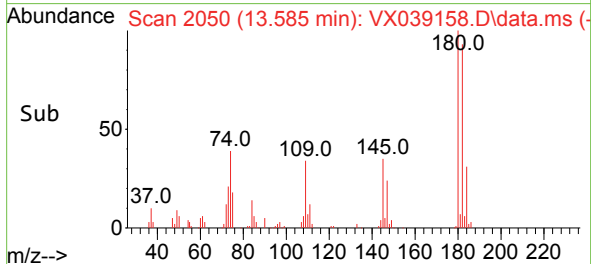
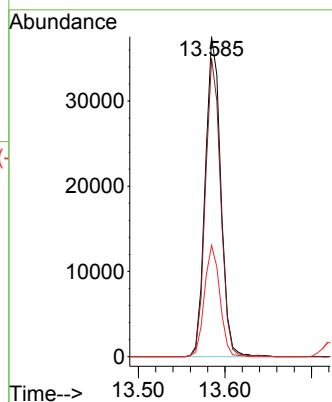
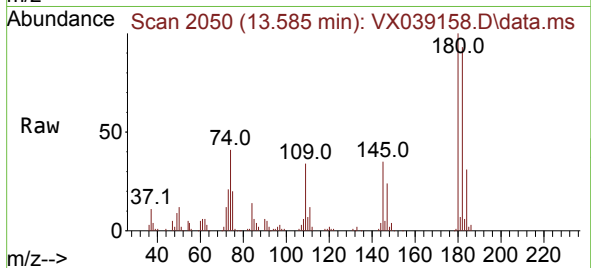
Tgt Ion:180 Resp: 46608

Ion Ratio Lower Upper

180 100

182 91.8 48.3 144.8

145 34.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 21.358 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

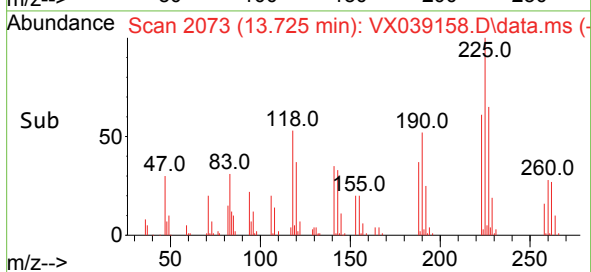
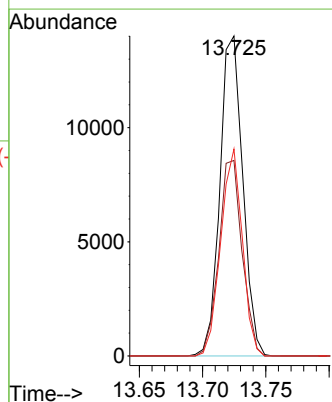
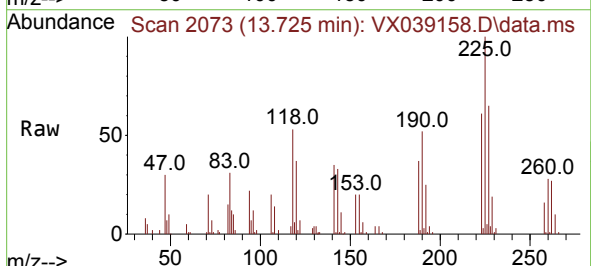
Tgt Ion:225 Resp: 17600

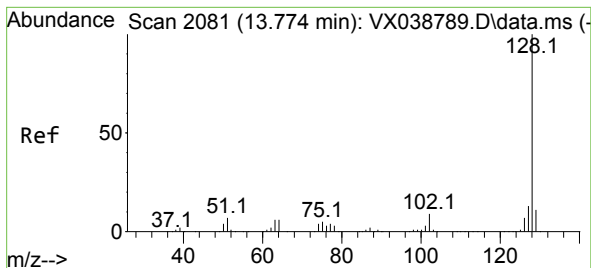
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

227 60.9 32.5 97.5





#95

Naphthalene

Concen: 18.646 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

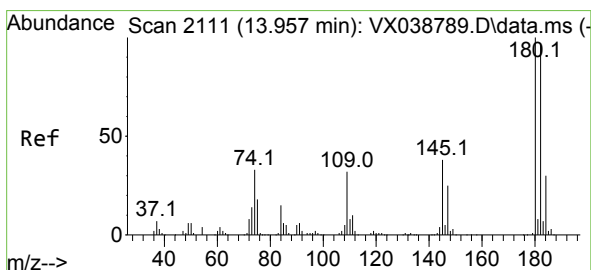
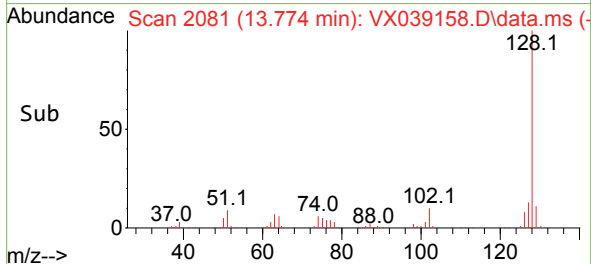
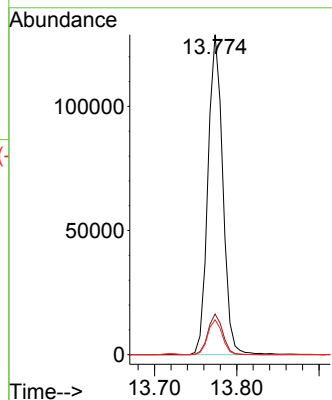
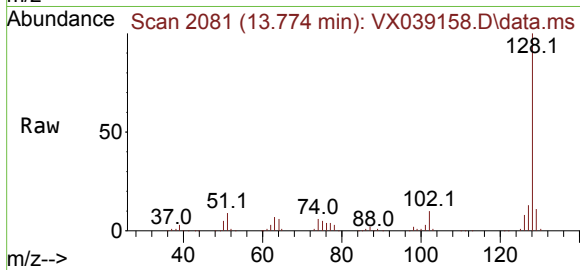
Tgt Ion:128 Resp: 161590

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.828 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX039158.D

Acq: 12 Dec 2023 12:17

Tgt Ion:180 Resp: 43738

Ion Ratio Lower Upper

180 100

182 97.2 46.9 140.6

145 38.6 17.8 53.5

