

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039192.D
 Acq On : 13 Dec 2023 16:25
 Operator : JC/MD
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Quant Time: Dec 14 01:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	196531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109522	51.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.200%	
35) Dibromofluoromethane	5.379	113	76506	52.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	8.647	98	284430	52.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	11.079	95	118374	52.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35474	21.789	ug/l	97
3) Chloromethane	1.295	50	35807	19.839	ug/l	99
4) Vinyl Chloride	1.374	62	33414	19.906	ug/l	99
5) Bromomethane	1.605	94	21923	22.701	ug/l	99
6) Chloroethane	1.685	64	19513	19.290	ug/l	99
7) Trichlorofluoromethane	1.886	101	49160	20.000	ug/l	98
8) Diethyl Ether	2.130	74	17300	20.336	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	30462	20.309	ug/l	95
10) Methyl Iodide	2.453	142	32932	21.241	ug/l	95
11) Tert butyl alcohol	2.947	59	57086	107.104	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	29889	20.061	ug/l	94
13) Acrolein	2.233	56	43816	103.047	ug/l	99
14) Allyl chloride	2.660	41	58979	19.541	ug/l	98
15) Acrylonitrile	3.056	53	111436	104.452	ug/l	99
16) Acetone	2.374	43	118619	80.159	ug/l	95
17) Carbon Disulfide	2.514	76	86637	19.870	ug/l	97
18) Methyl Acetate	2.697	43	92419	20.131	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	106839	19.827	ug/l	97
20) Methylene Chloride	2.788	84	35665	20.157	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	32766	20.210	ug/l	99
22) Diisopropyl ether	3.751	45	112284	20.437	ug/l	95
23) Vinyl Acetate	3.715	43	433207	105.911	ug/l	98
24) 1,1-Dichloroethane	3.605	63	61444	19.784	ug/l	99
25) 2-Butanone	4.544	43	165961	90.612	ug/l	98
26) 2,2-Dichloropropane	4.471	77	52478	19.354	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	36603	20.455	ug/l	97
28) Bromochloromethane	4.891	49	27796	18.342	ug/l	95
29) Tetrahydrofuran	4.995	42	105350	104.155	ug/l	100
30) Chloroform	5.093	83	61793	19.910	ug/l	99
31) Cyclohexane	5.465	56	56636	20.659	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	53022	19.679	ug/l	97
36) 1,1-Dichloropropene	5.690	75	45757	19.774	ug/l	99
37) Ethyl Acetate	4.709	43	59818	20.924	ug/l	99
38) Carbon Tetrachloride	5.678	117	43659	19.770	ug/l	97
39) Methylcyclohexane	7.379	83	57359	20.636	ug/l	98
40) Benzene	6.038	78	132332	20.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	31257	20.492	ug/l	95
42) 1,2-Dichloroethane	6.080	62	54020	20.387	ug/l	100
43) Isopropyl Acetate	6.330	43	95033	20.442	ug/l	99
44) Trichloroethene	7.123	130	32360	19.591	ug/l	92
45) 1,2-Dichloropropane	7.428	63	35907	20.439	ug/l	97
46) Dibromomethane	7.580	93	25447	20.606	ug/l	95
47) Bromodichloromethane	7.818	83	48166	20.399	ug/l	99
48) Methyl methacrylate	7.690	41	56660	20.847	ug/l	97
49) 1,4-Dioxane	7.653	88	16855	460.078	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	311516	105.170	ug/l	98
52) Toluene	8.714	92	81823	20.710	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	52810	20.315	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	57247	20.467	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	33406	20.254	ug/l	93
56) Ethyl methacrylate	9.116	69	42673	21.193	ug/l	97
57) 1,3-Dichloropropane	9.305	76	58644	20.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	132820	112.339	ug/l	94
59) 2-Hexanone	9.427	43	252764	98.877	ug/l	99
60) Dibromochloromethane	9.519	129	33220	19.915	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36432	20.691	ug/l	100
64) Tetrachloroethene	9.275	164	25229	19.645	ug/l	93
65) Chlorobenzene	10.080	112	84943	19.802	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	30217	19.942	ug/l	98
67) Ethyl Benzene	10.189	91	159561	19.983	ug/l	96
68) m/p-Xylenes	10.299	106	117530	41.052	ug/l	96
69) o-Xylene	10.640	106	56096	20.265	ug/l	92
70) Styrene	10.653	104	81888	20.235	ug/l	95
71) Bromoform	10.799	173	22796	20.240	ug/l #	98
73) Isopropylbenzene	10.957	105	153258	20.451	ug/l	99
74) N-amyl acetate	10.842	43	78077	20.592	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	57194	20.516	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	65233	25.959	ug/l	91
77) Bromobenzene	11.195	156	33527	20.231	ug/l	87
78) n-propylbenzene	11.305	91	190241	20.604	ug/l	96
79) 2-Chlorotoluene	11.360	91	111665	19.994	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	131763	20.639	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17419	19.554	ug/l	97
82) 4-Chlorotoluene	11.451	91	132610	20.215	ug/l	97
83) tert-Butylbenzene	11.713	119	121842	20.054	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	134023	20.471	ug/l	98
85) sec-Butylbenzene	11.890	105	154491	19.982	ug/l	98
86) p-Isopropyltoluene	12.006	119	130002	20.036	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	64263	19.739	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	66663	19.665	ug/l	97
89) n-Butylbenzene	12.329	91	132100	20.711	ug/l	96
90) Hexachloroethane	12.536	117	22878	19.519	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	61738	19.819	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15269	20.794	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	40857	20.030	ug/l	99
94) Hexachlorobutadiene	13.725	225	15626	20.328	ug/l	97
95) Naphthalene	13.774	128	147213	20.724	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	39645	20.133	ug/l	98

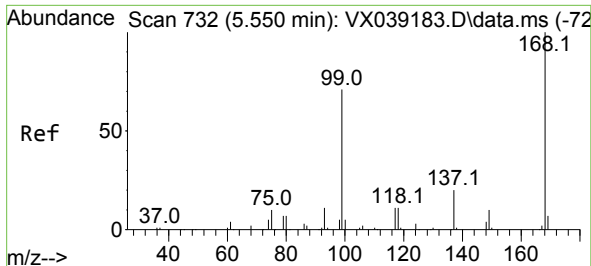
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
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Misc : 5.0mL/MSVOA_X/WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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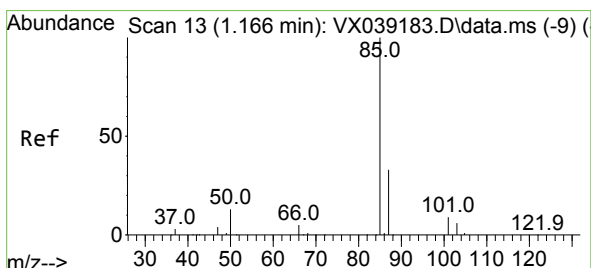
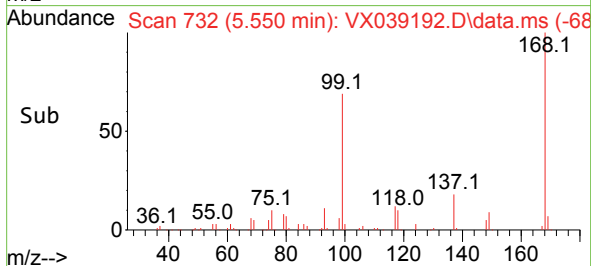
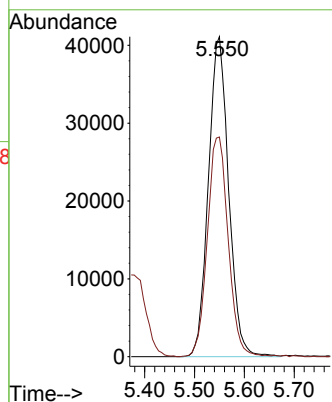
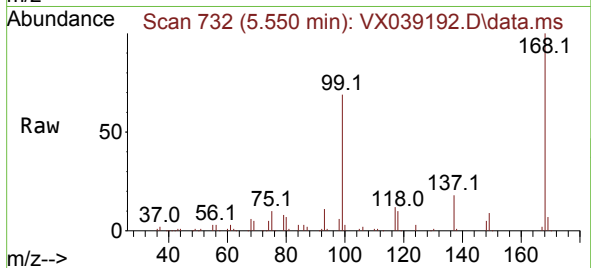
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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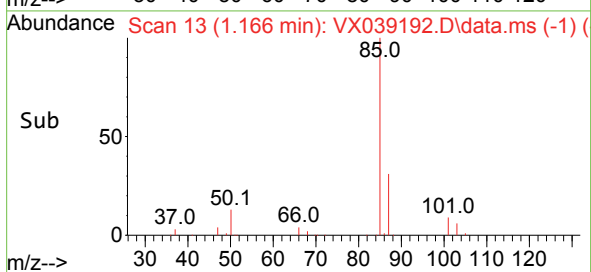
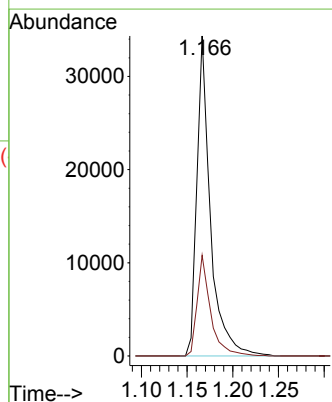
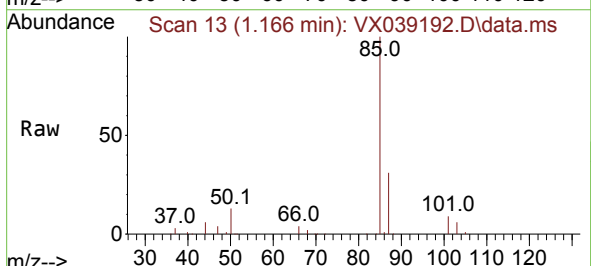
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

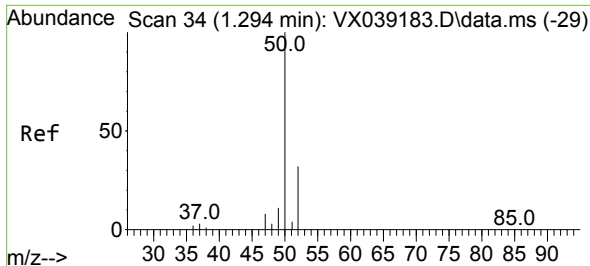
Tgt Ion:168 Resp: 115862
Ion Ratio Lower Upper
168 100
99 68.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 21.789 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 85 Resp: 35474
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

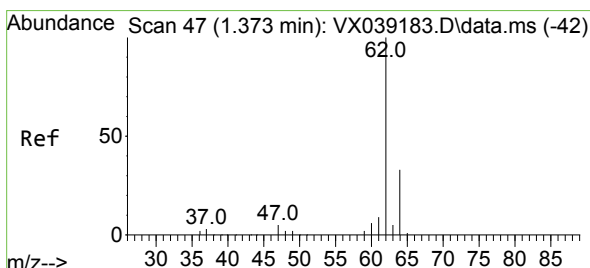
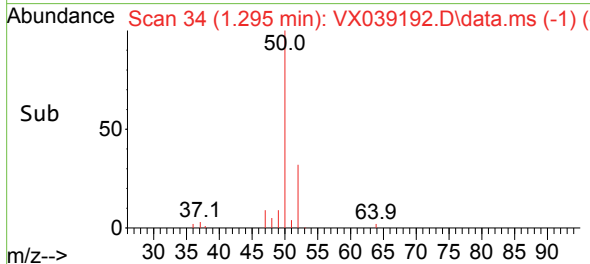
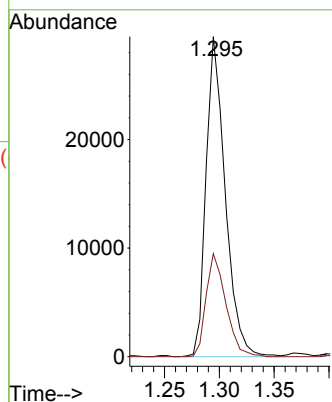
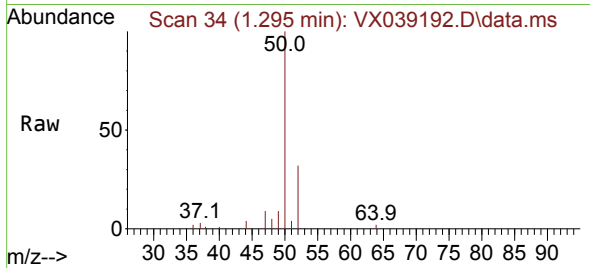




#3
Chloromethane
Concen: 19.839 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

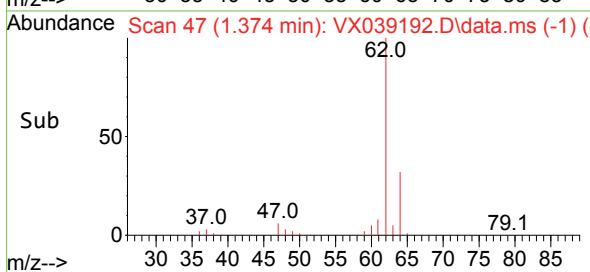
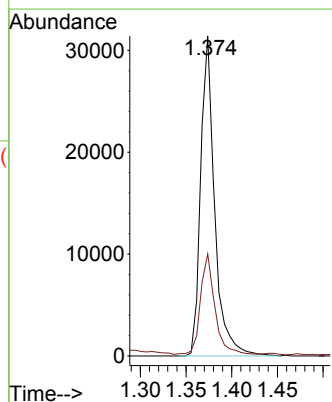
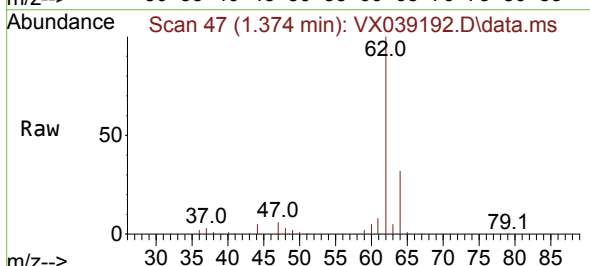
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

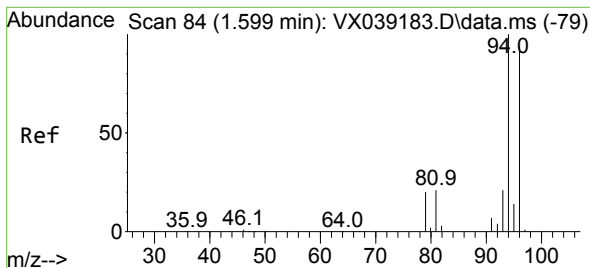
Tgt Ion: 50 Resp: 35807
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3



#4
Vinyl Chloride
Concen: 19.906 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 62 Resp: 33414
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5

Bromomethane

Concen: 22.701 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

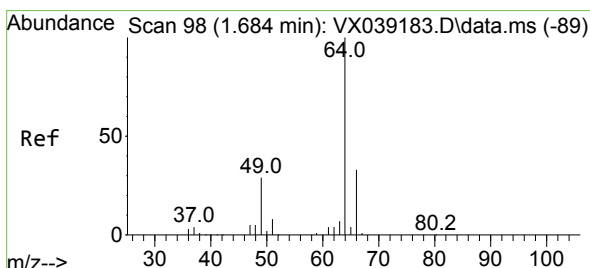
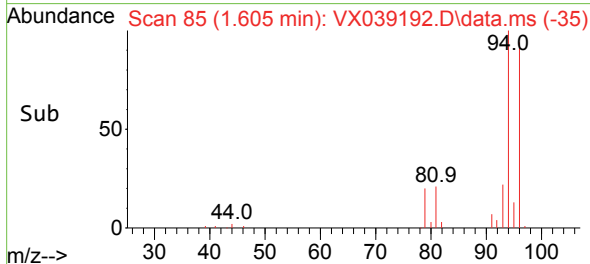
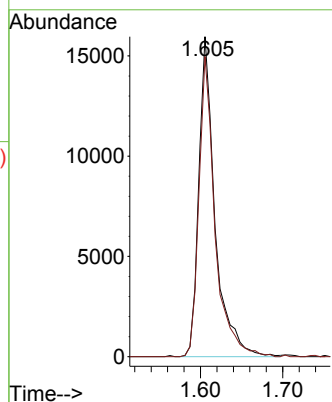
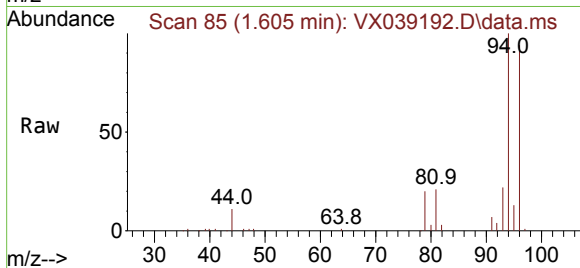
VX1213WBSD01

Tgt Ion: 94 Resp: 21923

Ion Ratio Lower Upper

94 100

96 93.8 74.6 111.8



#6

Chloroethane

Concen: 19.290 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX039192.D

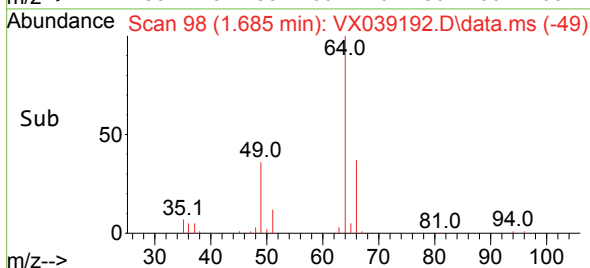
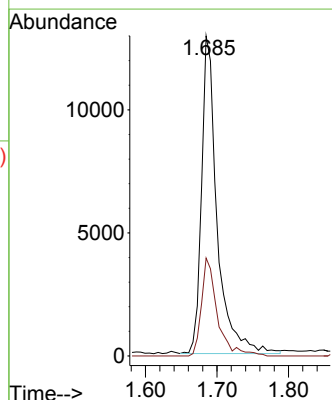
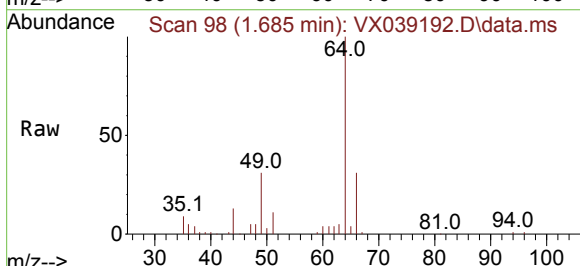
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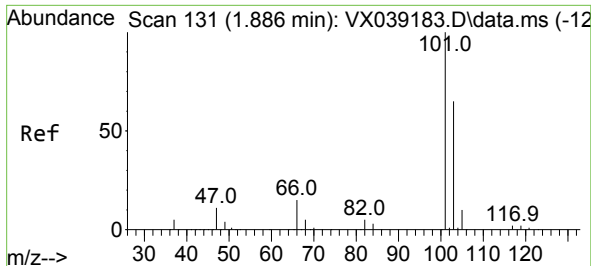
Tgt Ion: 64 Resp: 19513

Ion Ratio Lower Upper

64 100

66 30.8 25.1 37.7

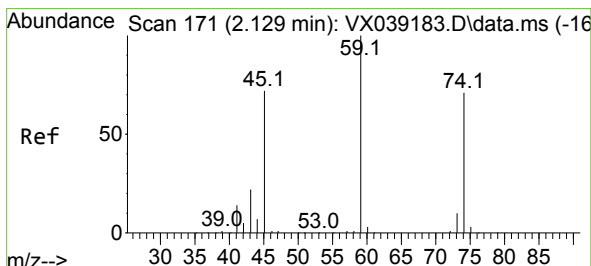
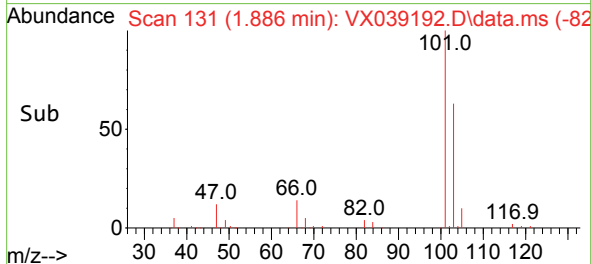
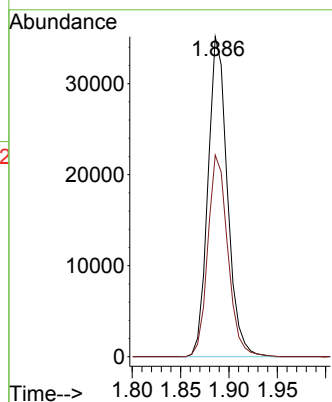
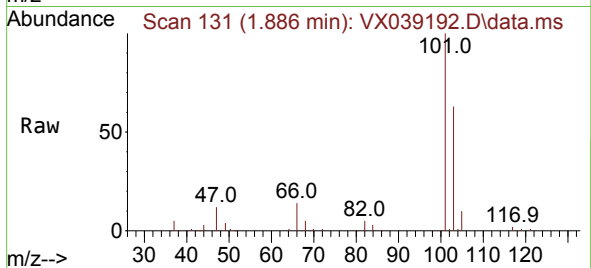




#7
 Trichlorofluoromethane
 Concen: 20.000 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

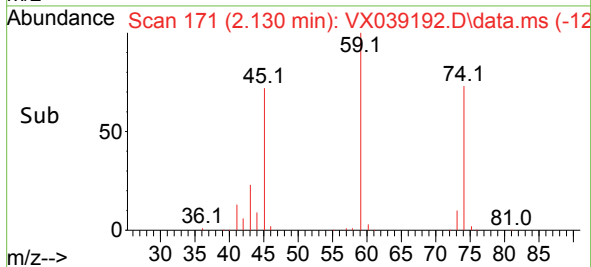
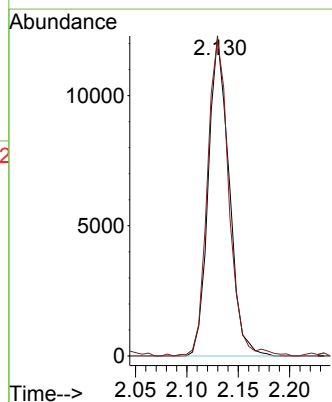
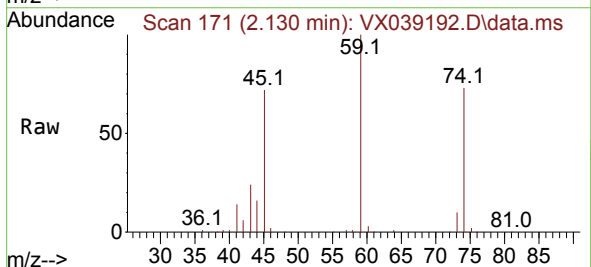
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

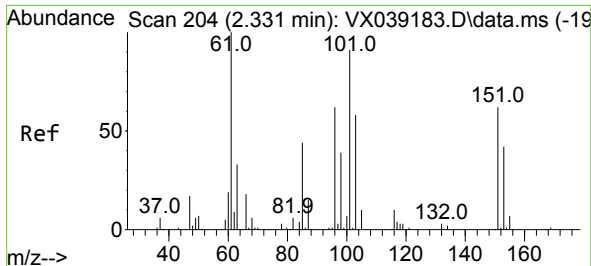
Tgt Ion:101 Resp: 49160
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 20.336 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

Tgt Ion: 74 Resp: 17300
 Ion Ratio Lower Upper
 74 100
 45 103.0 53.3 159.8

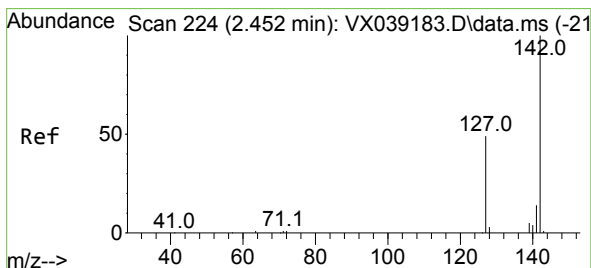
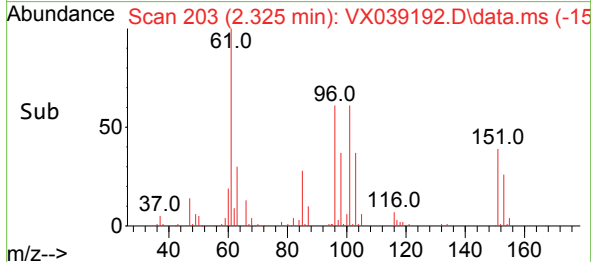
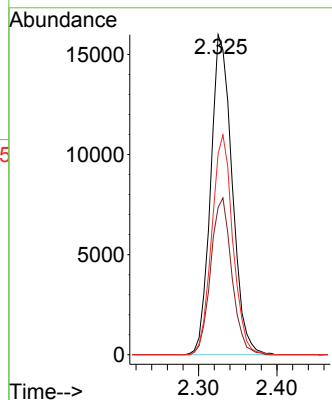
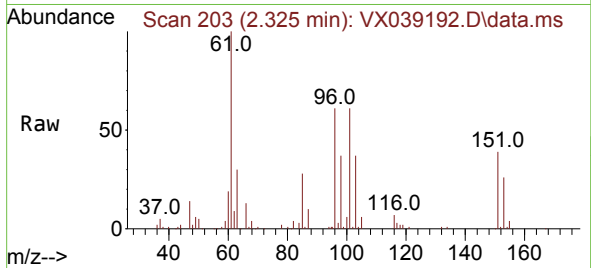




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.309 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

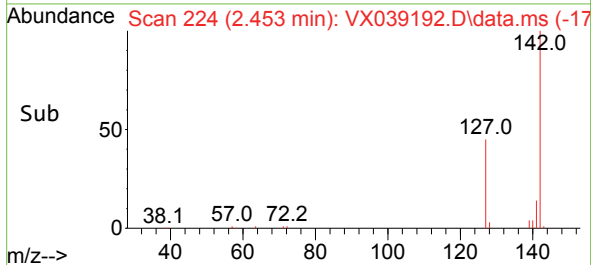
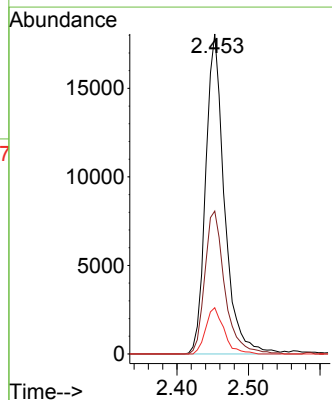
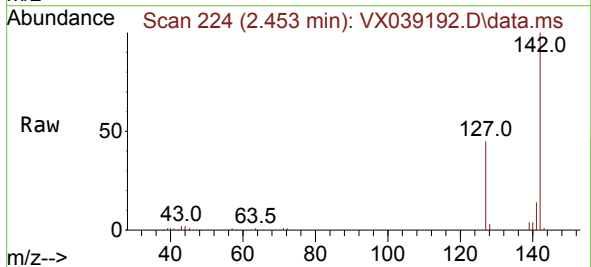
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

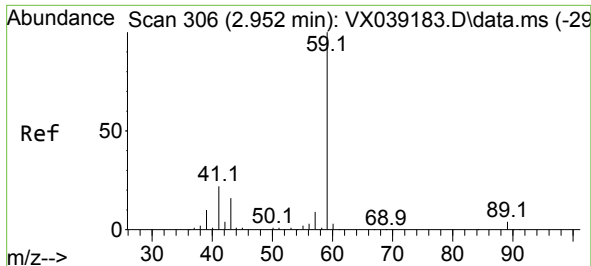
Tgt Ion:101 Resp: 30462
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 67.5 58.6 87.8



#10
Methyl Iodide
Concen: 21.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion:142 Resp: 32932
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 107.104 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

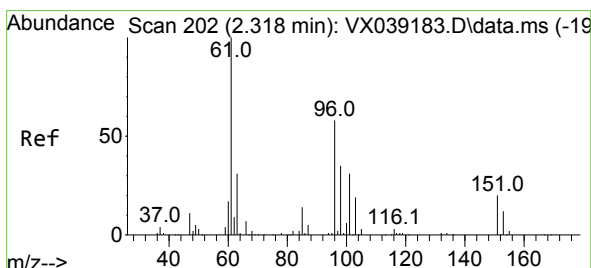
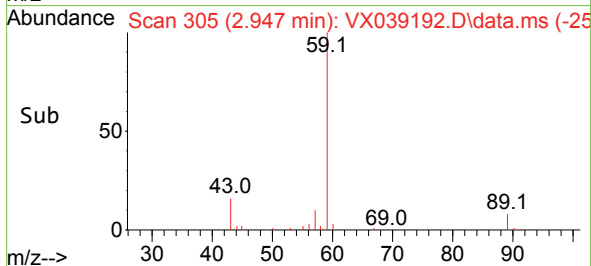
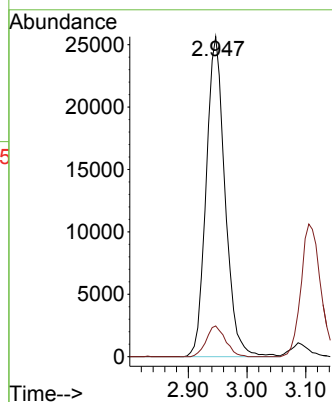
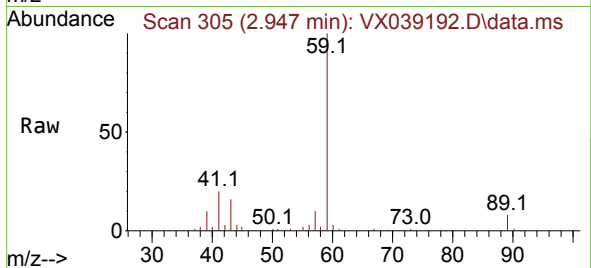
VX1213WBSD01

Tgt Ion: 59 Resp: 57086

Ion Ratio Lower Upper

59 100

57 9.8 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 20.061 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

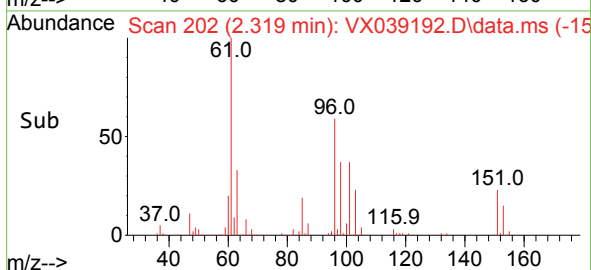
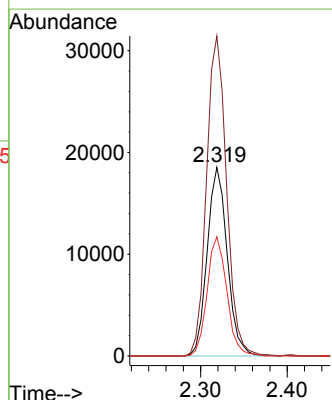
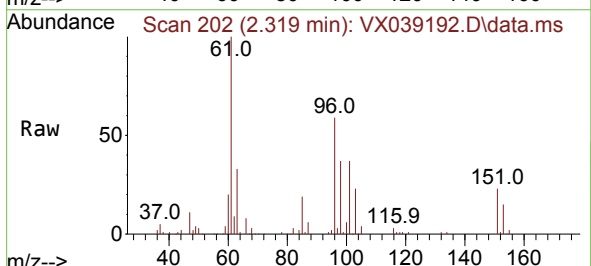
Tgt Ion: 96 Resp: 29889

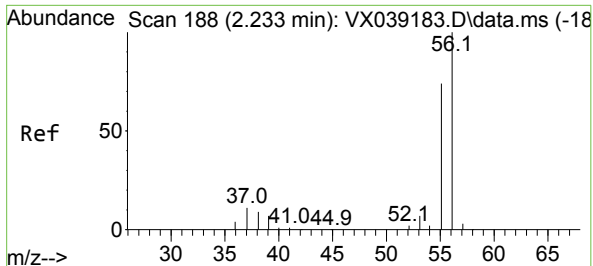
Ion Ratio Lower Upper

96 100

61 169.6 144.6 216.8

98 63.2 50.4 75.6





#13

Acrolein

Concen: 103.047 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

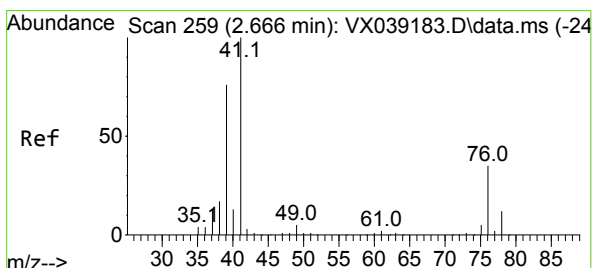
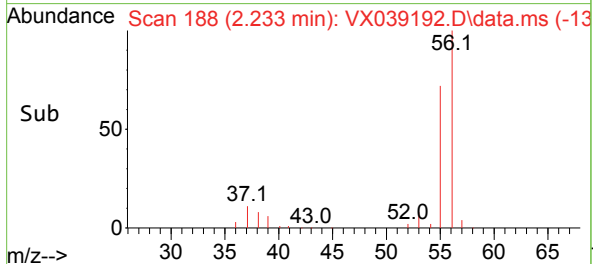
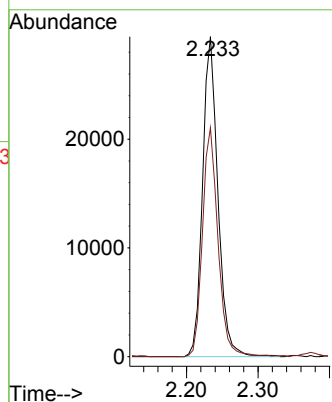
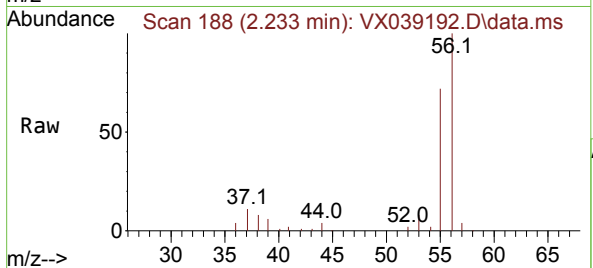
VX1213WBSD01

Tgt Ion: 56 Resp: 43816

Ion Ratio Lower Upper

56 100

55 72.5 57.1 85.7



#14

Allyl chloride

Concen: 19.541 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

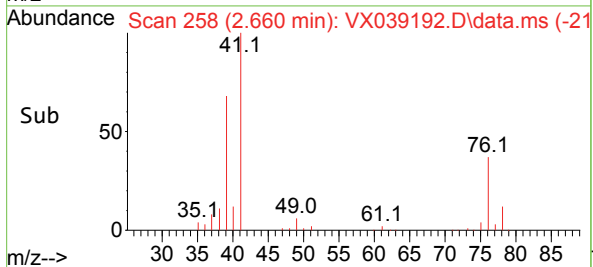
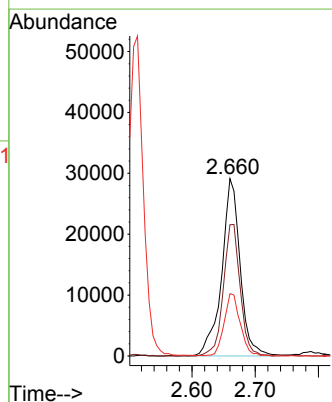
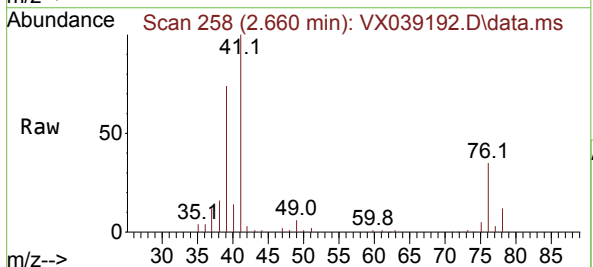
Tgt Ion: 41 Resp: 58979

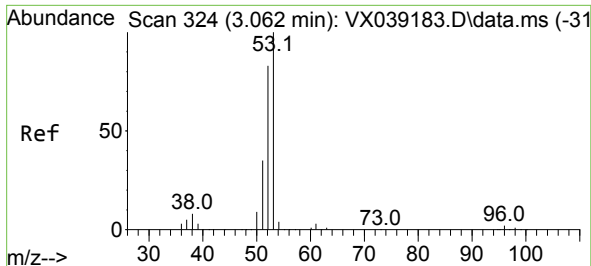
Ion Ratio Lower Upper

41 100

39 67.2 55.8 83.6

76 30.7 24.3 36.5

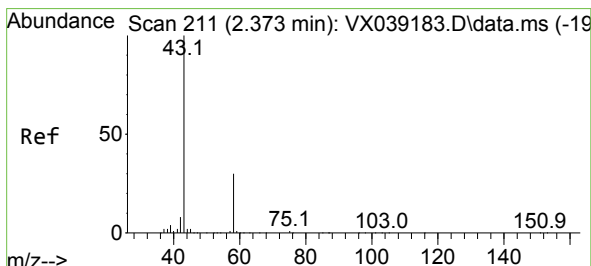
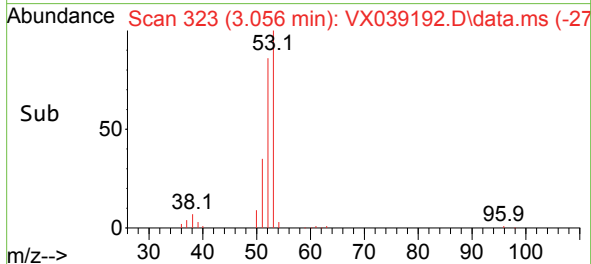
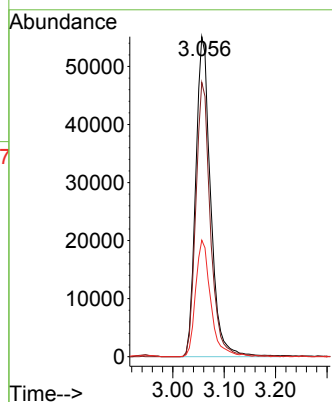
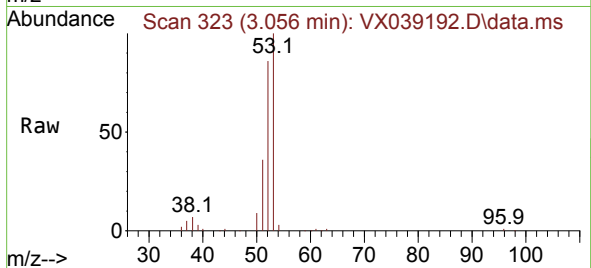




#15
Acrylonitrile
Concen: 104.452 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

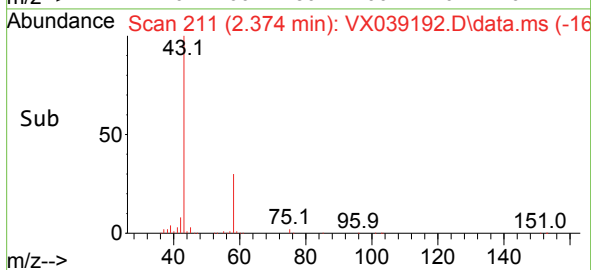
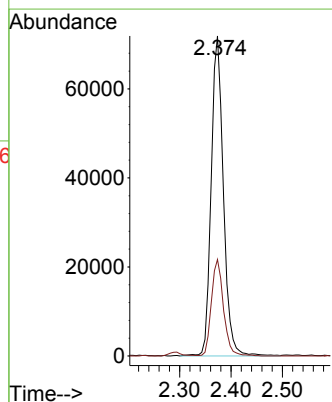
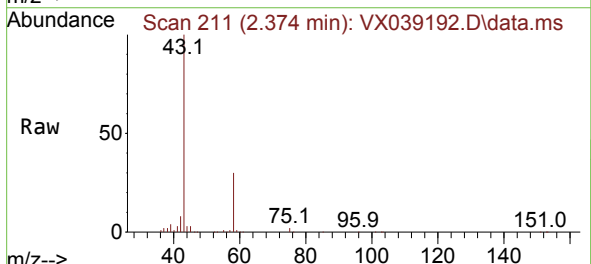
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

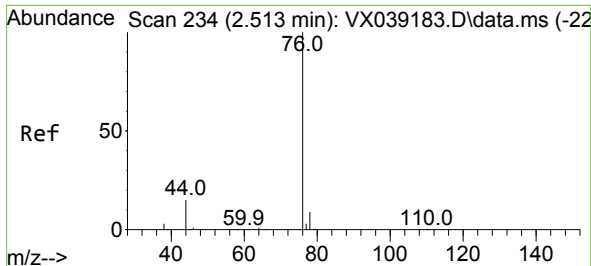
Tgt Ion: 53 Resp: 111436
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.8 29.8 44.6



#16
Acetone
Concen: 80.159 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 43 Resp: 118619
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9

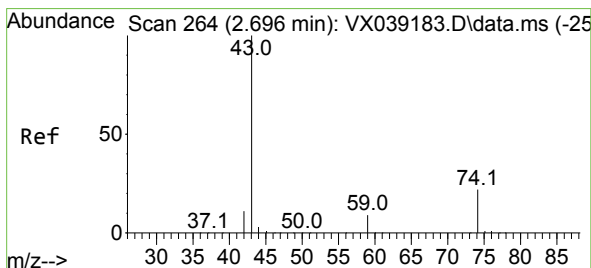
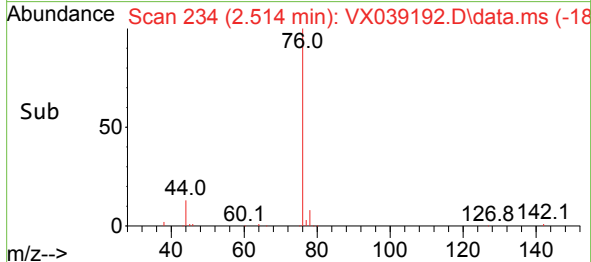
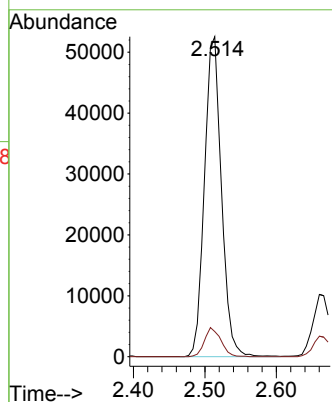
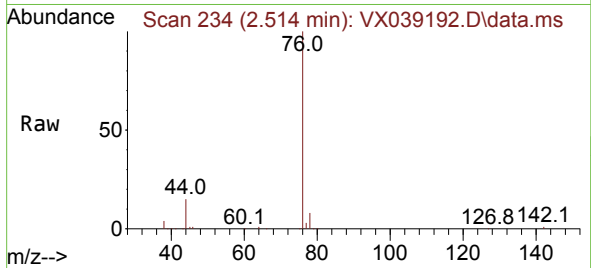




#17
Carbon Disulfide
Concen: 19.870 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

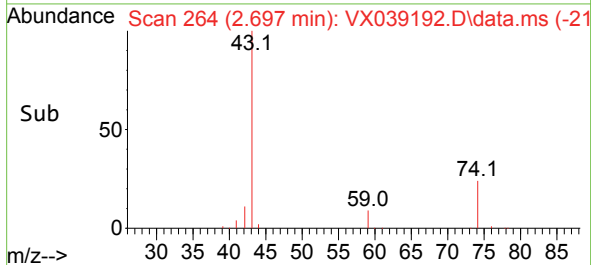
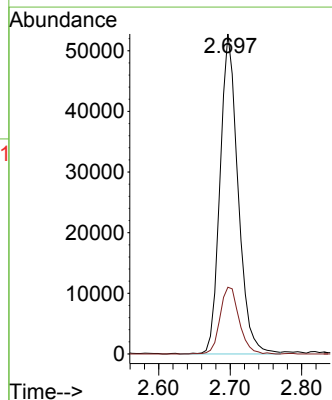
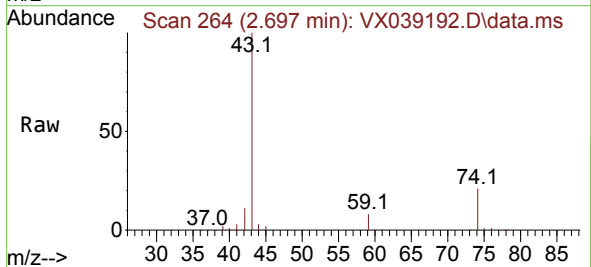
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

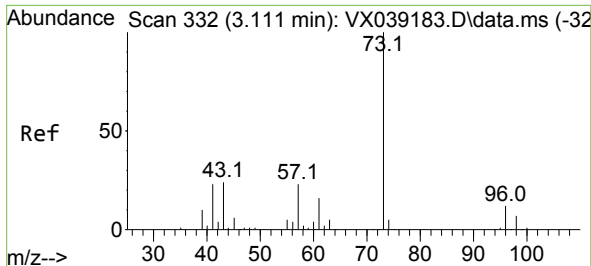
Tgt Ion: 76 Resp: 86637
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 20.131 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 43 Resp: 92419
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8

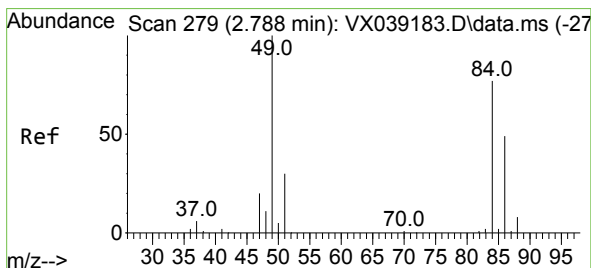
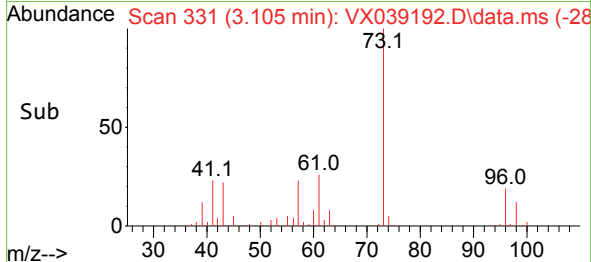
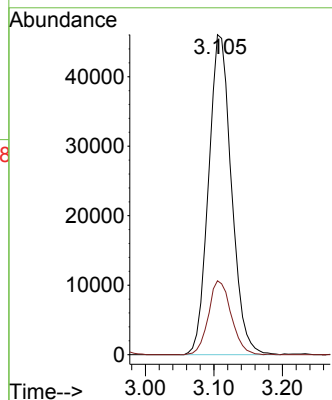
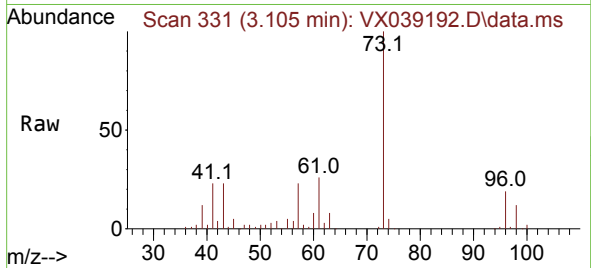




#19
Methyl tert-butyl Ether
Concen: 19.827 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

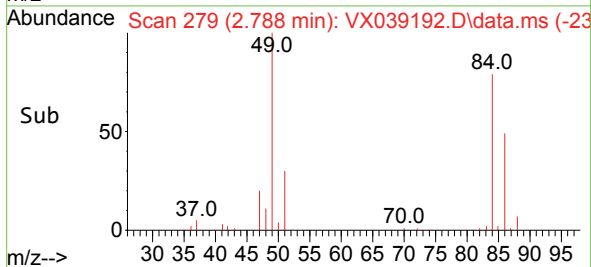
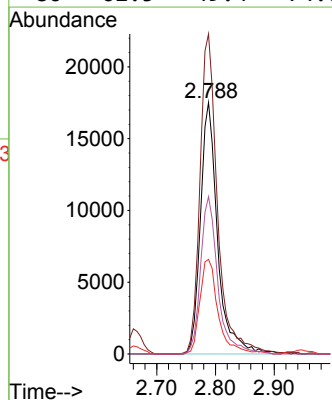
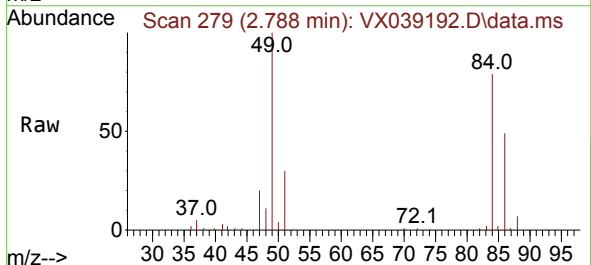
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

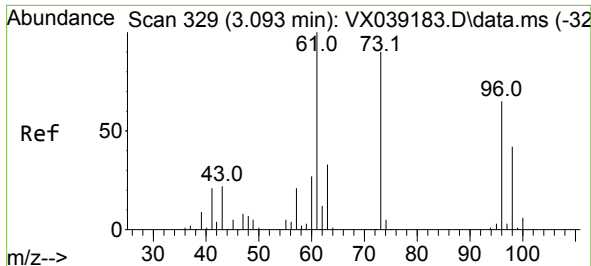
Tgt Ion: 73 Resp: 106839
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: 20.157 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 84 Resp: 35665
Ion Ratio Lower Upper
84 100
49 127.3 103.6 155.4
51 37.6 33.8 50.6
86 62.5 49.4 74.0

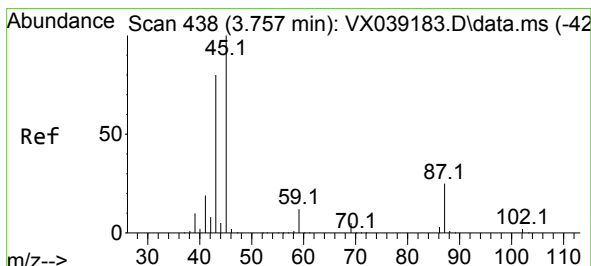
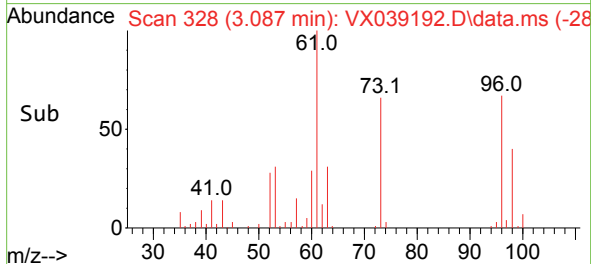
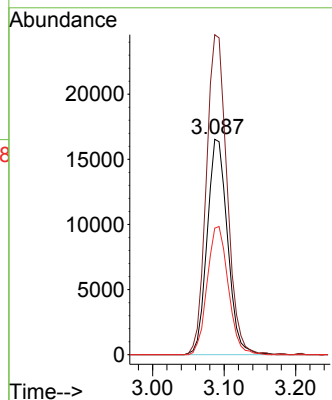
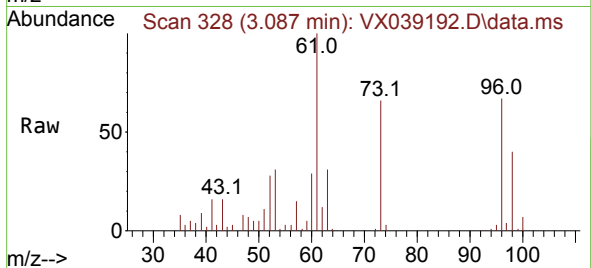




#21
trans-1,2-Dichloroethene
Concen: 20.210 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

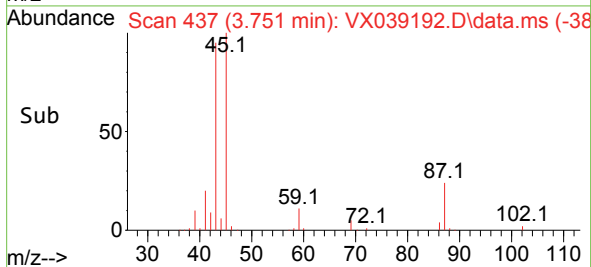
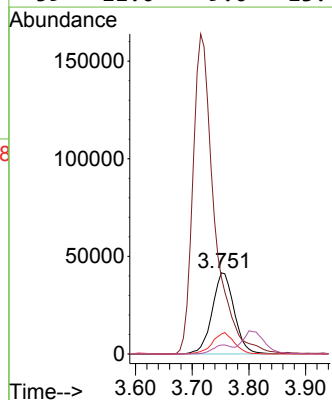
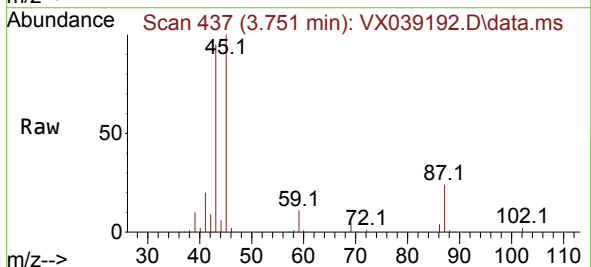
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

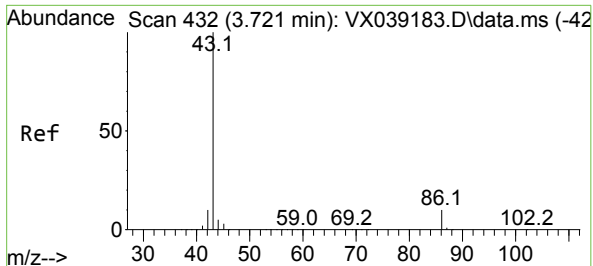
Tgt Ion: 96 Resp: 32766
Ion Ratio Lower Upper
96 100
61 148.5 119.2 178.8
98 58.7 48.7 73.1



#22
Diisopropyl ether
Concen: 20.437 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 45 Resp: 112284
Ion Ratio Lower Upper
45 100
43 93.3 69.7 104.5
87 24.5 20.8 31.2
59 11.0 9.0 13.4

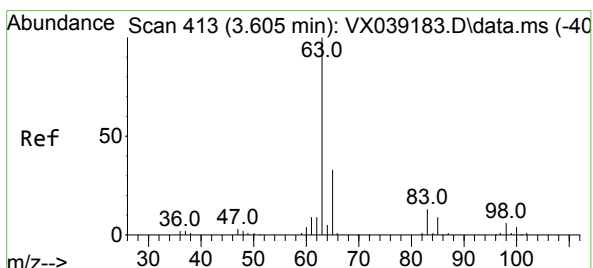
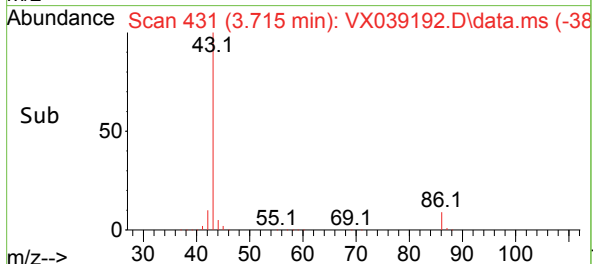
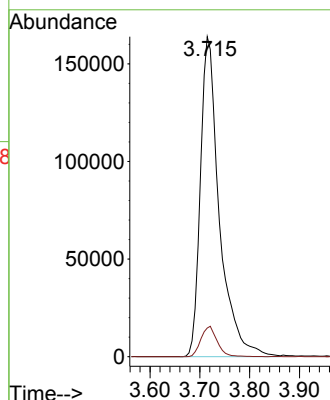
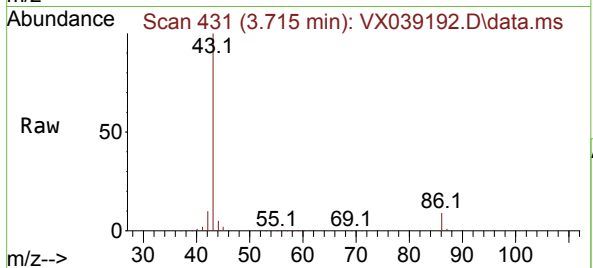




#23
 Vinyl Acetate
 Concen: 105.911 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

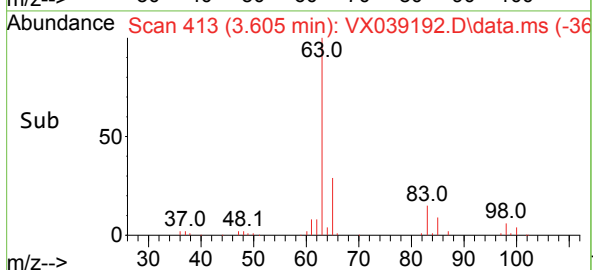
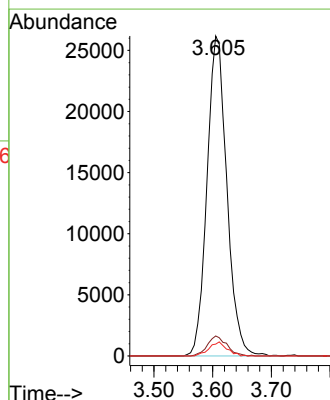
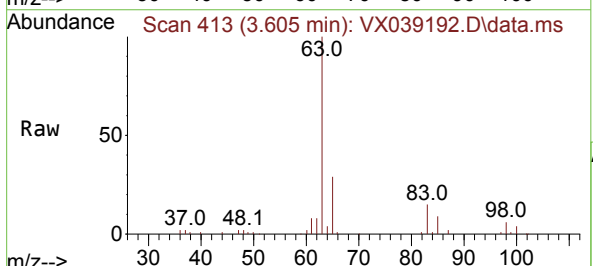
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

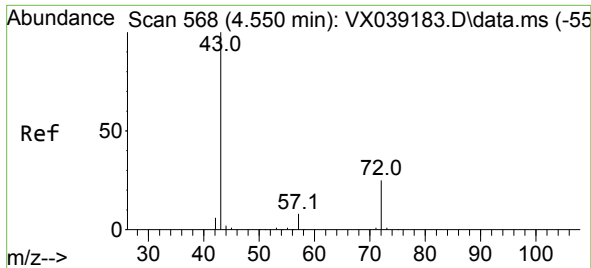
Tgt Ion: 43 Resp: 433207
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.784 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

Tgt Ion: 63 Resp: 61444
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.7 2.1 6.5

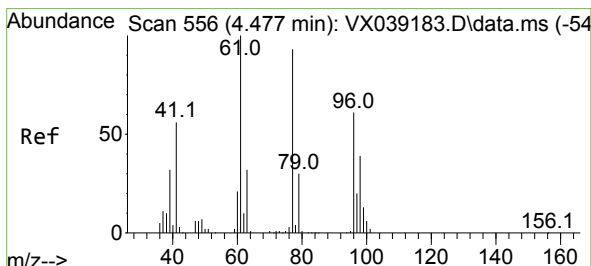
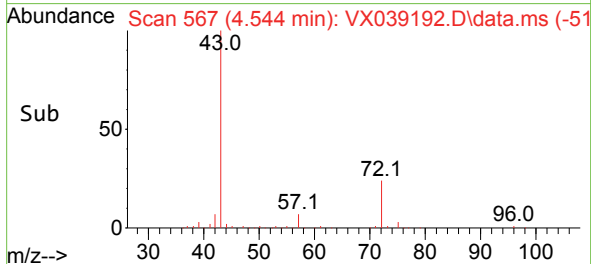
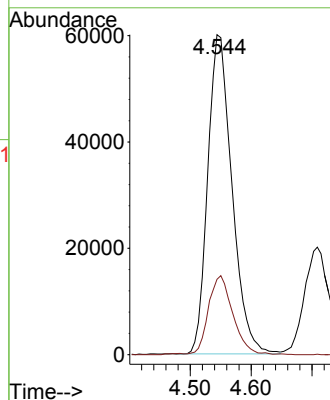
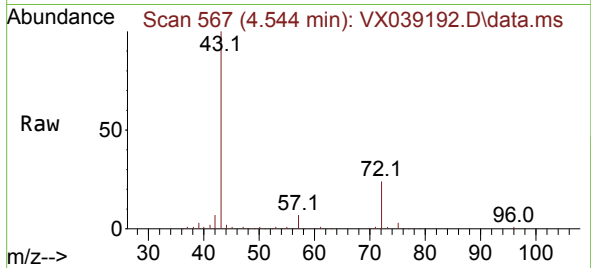




#25
2-Butanone
Concen: 90.612 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

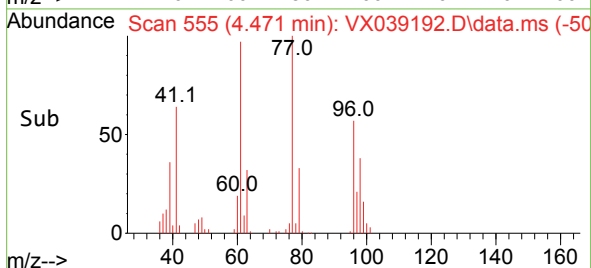
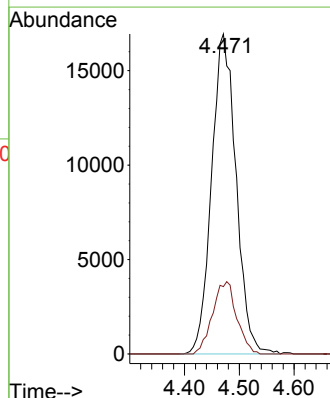
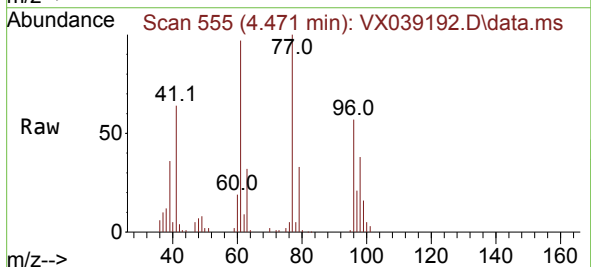
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

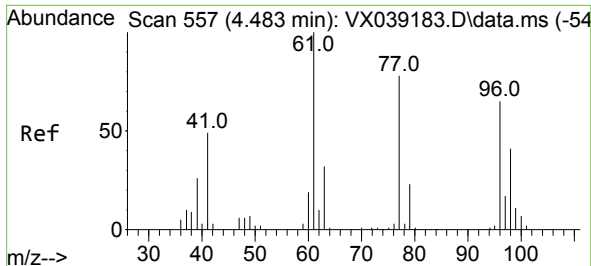
Tgt Ion: 43 Resp: 165961
Ion Ratio Lower Upper
43 100
72 23.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 19.354 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 77 Resp: 52478
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.455 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

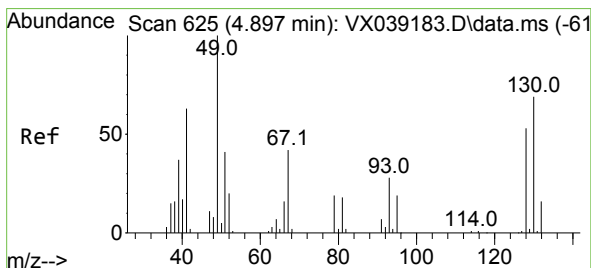
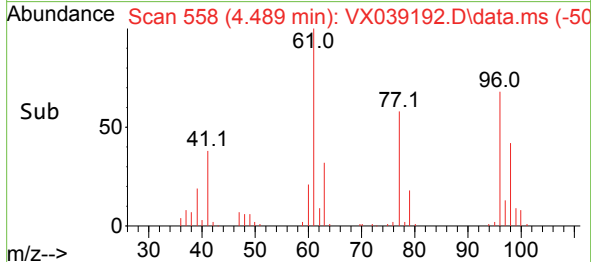
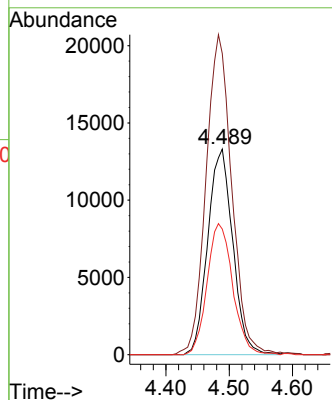
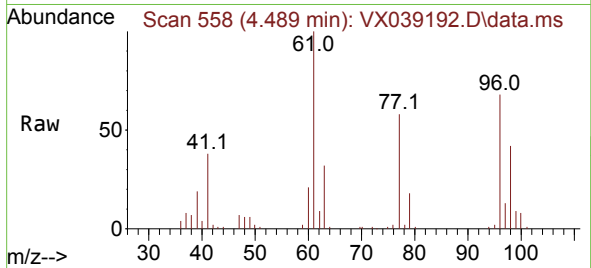
Tgt Ion: 96 Resp: 36603

Ion Ratio Lower Upper

96 100

61 160.4 0.0 312.2

98 65.2 0.0 129.0



#28

Bromochloromethane

Concen: 18.342 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

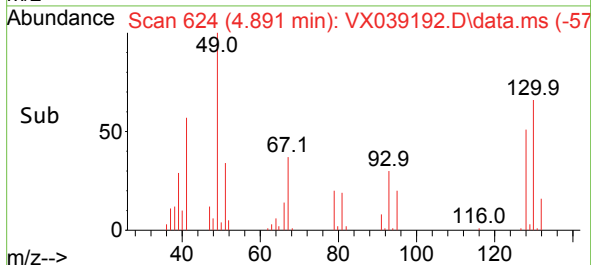
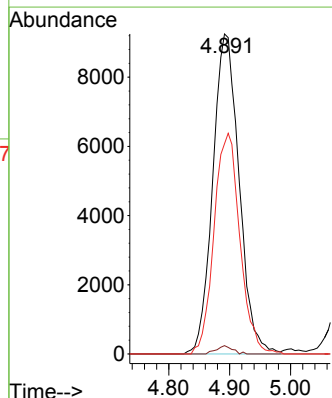
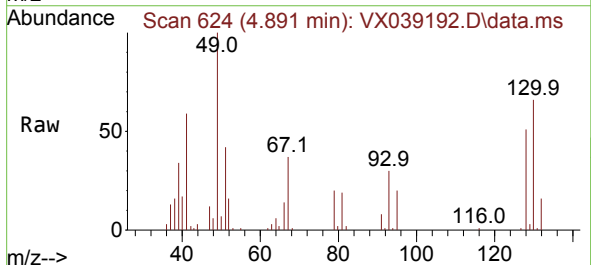
Tgt Ion: 49 Resp: 27796

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 67.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 104.155 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

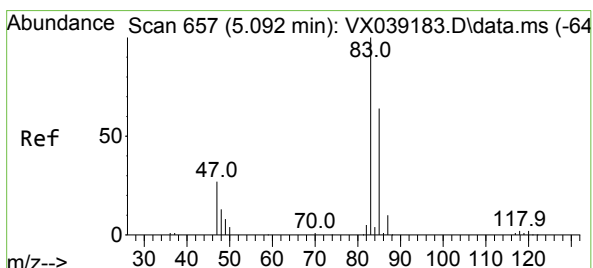
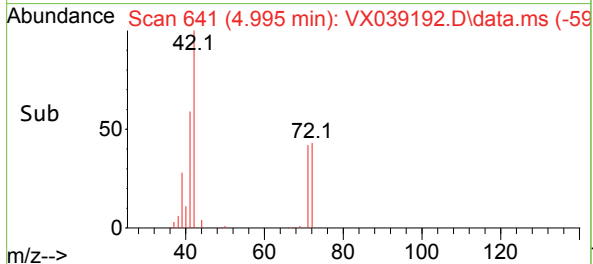
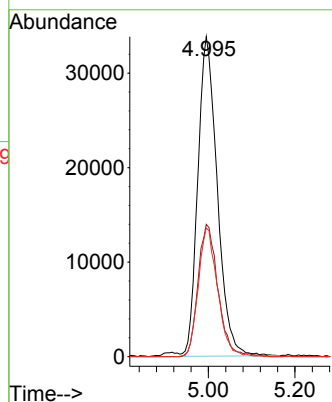
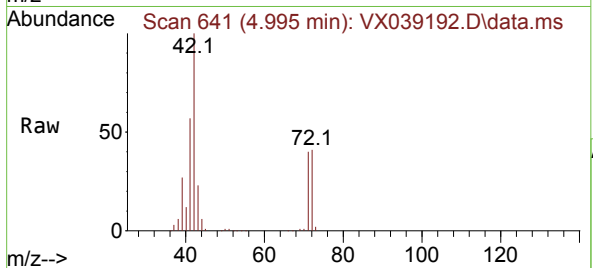
Tgt Ion: 42 Resp: 105350

Ion Ratio Lower Upper

42 100

72 42.6 34.2 51.4

71 40.2 32.2 48.2



#30

Chloroform

Concen: 19.910 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039192.D

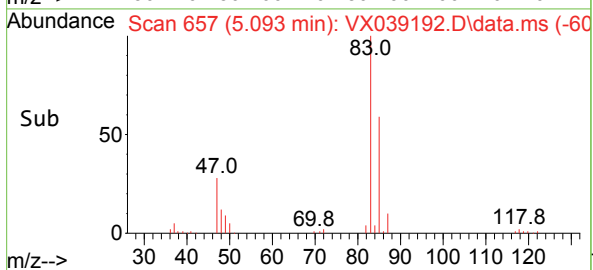
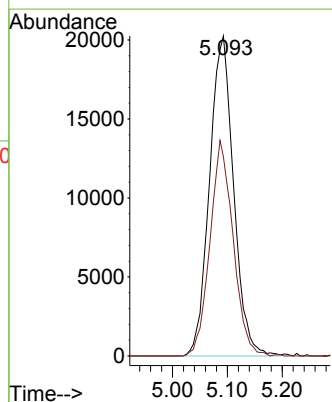
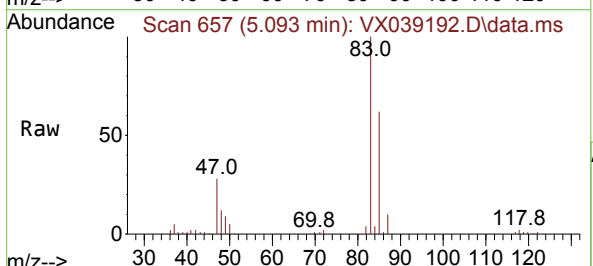
Acq: 13 Dec 2023 16:25

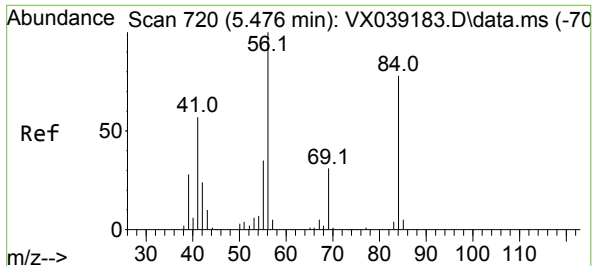
Tgt Ion: 83 Resp: 61793

Ion Ratio Lower Upper

83 100

85 62.2 50.3 75.5





#31

Cyclohexane

Concen: 20.659 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.012 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

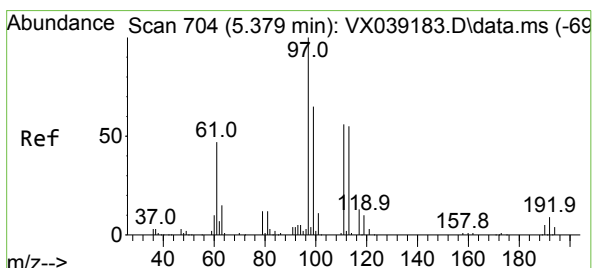
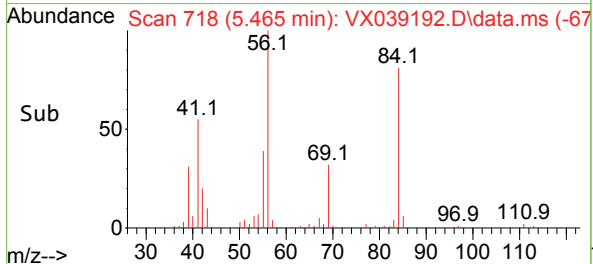
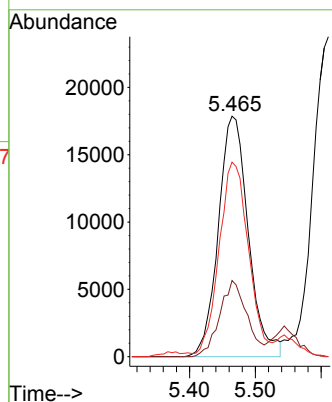
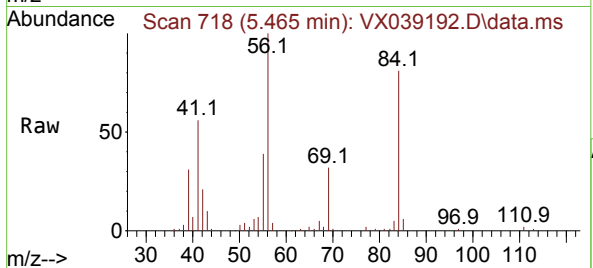
Tgt Ion: 56 Resp: 56636

Ion Ratio Lower Upper

56 100

69 31.7 23.4 35.2

84 79.6 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 19.679 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

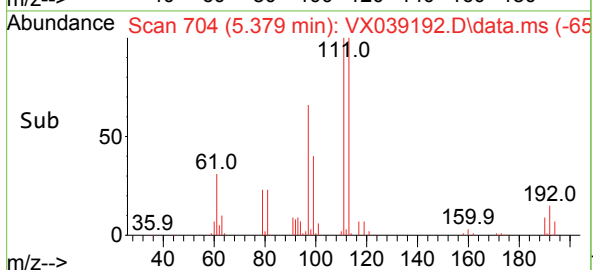
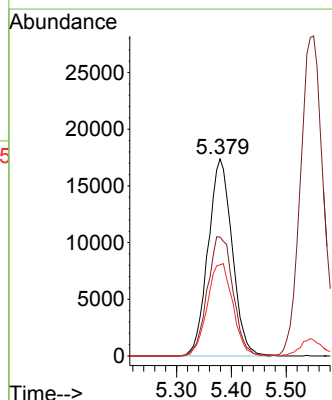
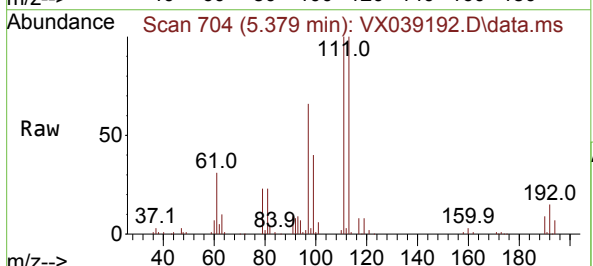
Tgt Ion: 97 Resp: 53022

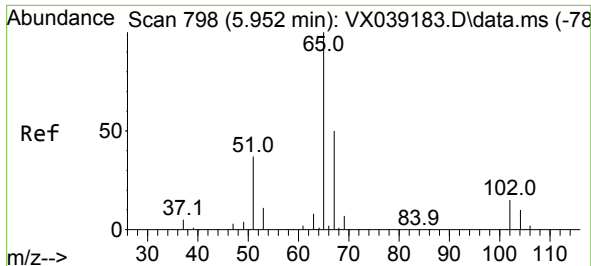
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 49.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.600 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

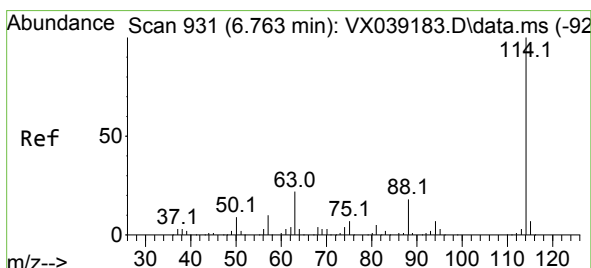
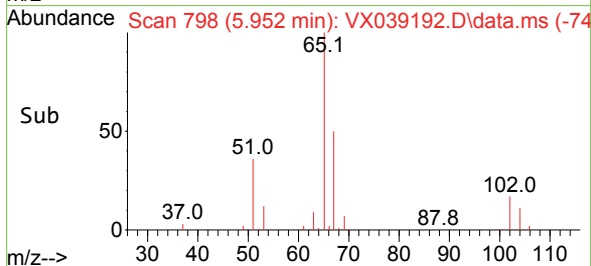
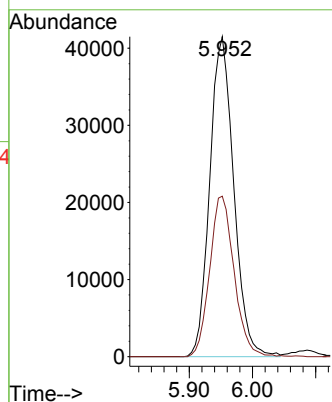
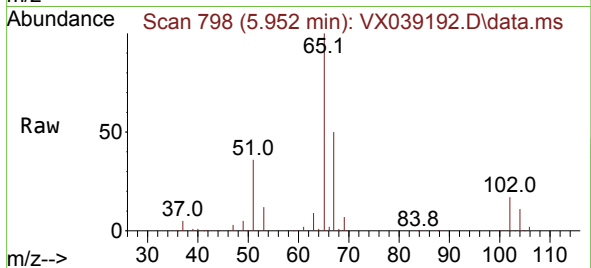
VX1213WBSD01

Tgt Ion: 65 Resp: 109522

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

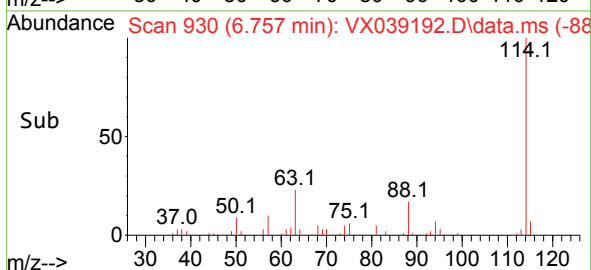
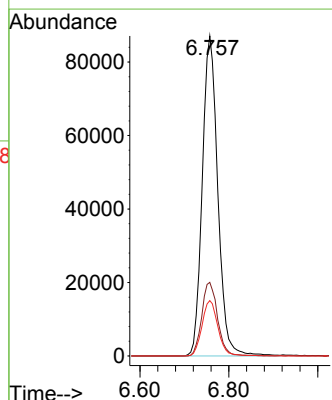
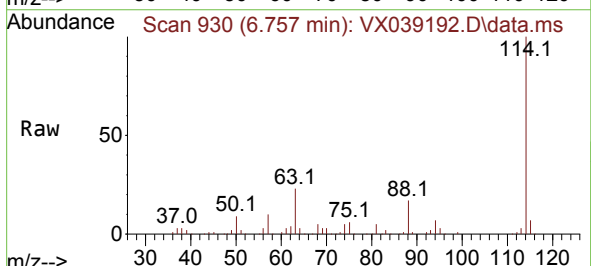
Tgt Ion: 114 Resp: 212260

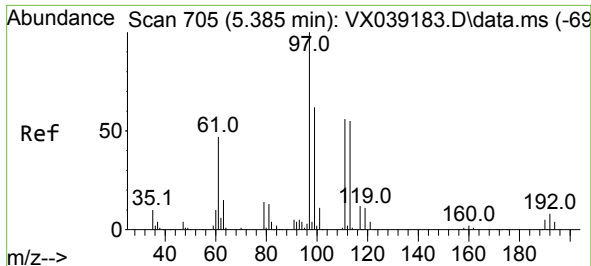
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.3 0.0 36.6

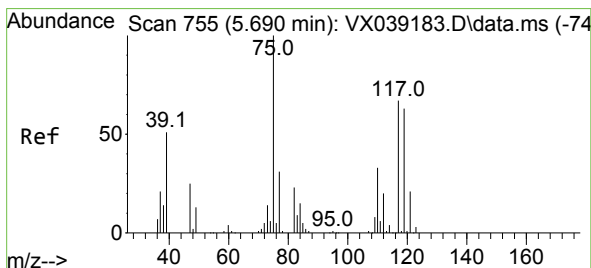
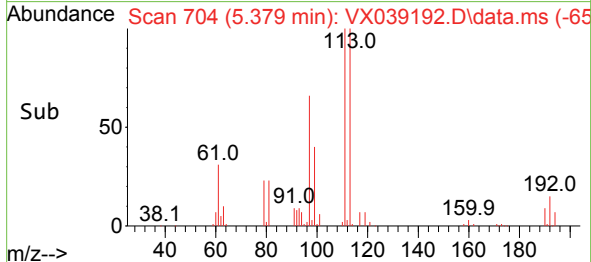
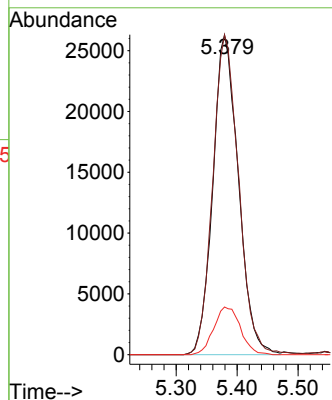
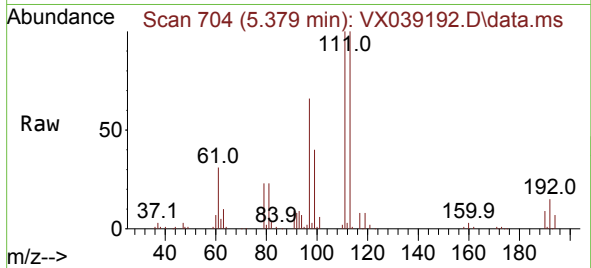




#35
Dibromofluoromethane
Concen: 52.173 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

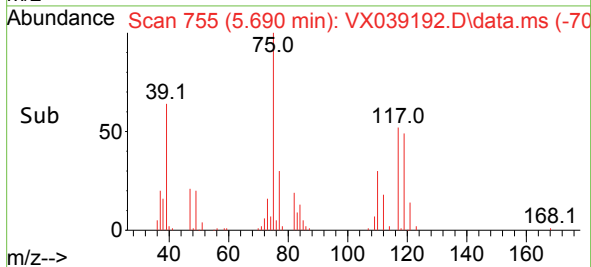
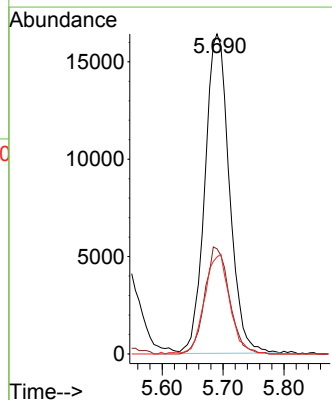
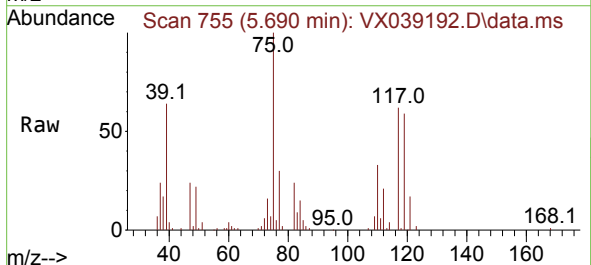
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion:113 Resp: 76506
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 19.774 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 75 Resp: 45757
Ion Ratio Lower Upper
75 100
110 33.6 17.0 50.9
77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 20.924 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

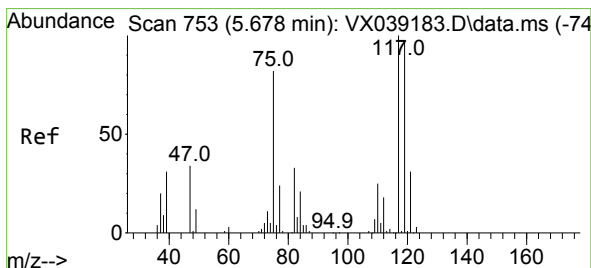
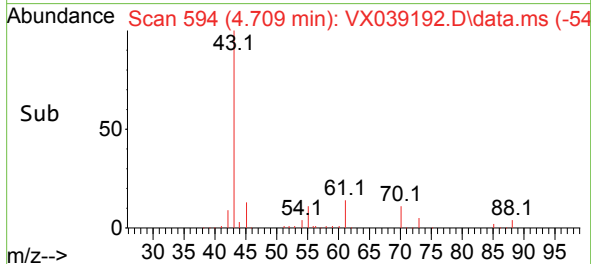
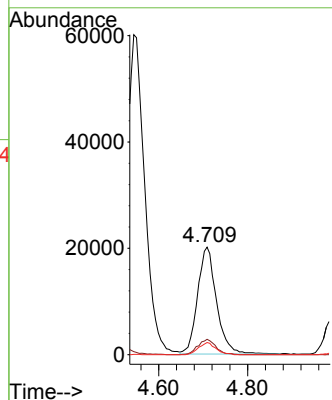
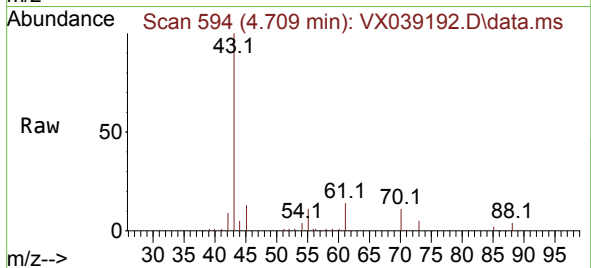
Tgt Ion: 43 Resp: 59818

Ion Ratio Lower Upper

43 100

61 13.6 10.6 16.0

70 10.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.770 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

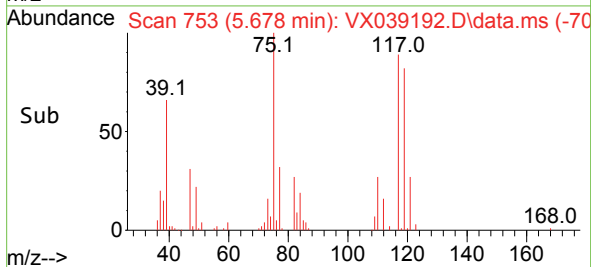
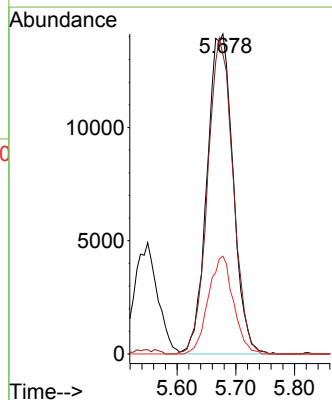
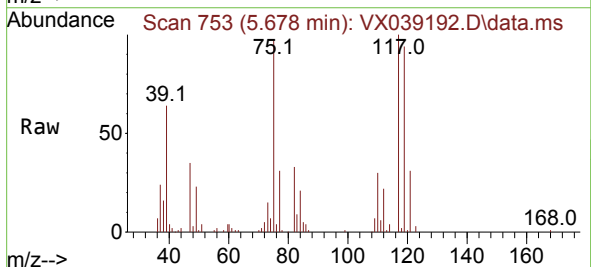
Tgt Ion: 117 Resp: 43659

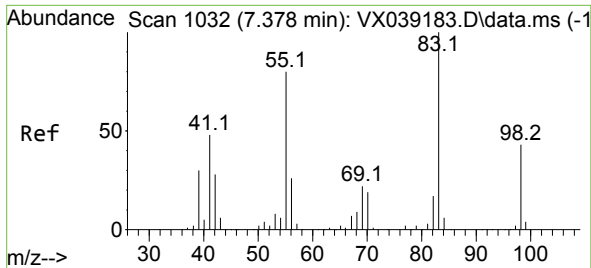
Ion Ratio Lower Upper

117 100

119 93.6 78.2 117.2

121 30.6 24.4 36.6

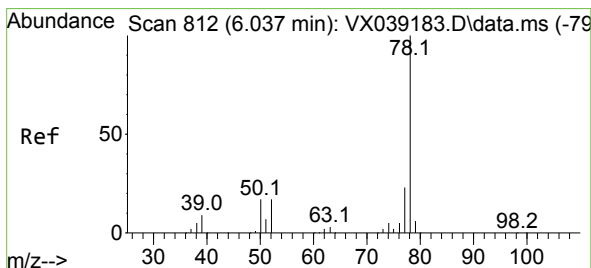
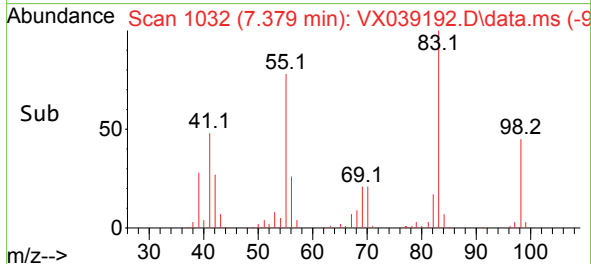
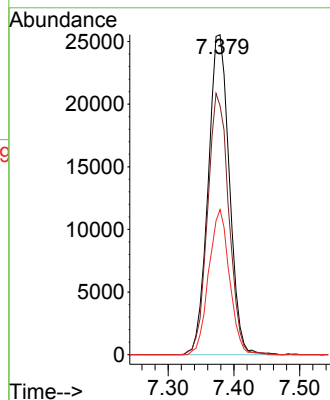
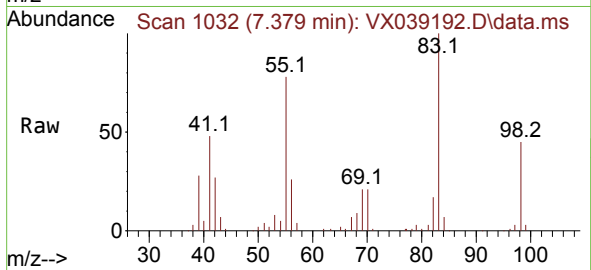




#39
Methylcyclohexane
Concen: 20.636 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

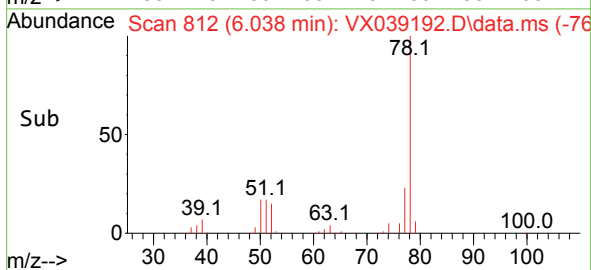
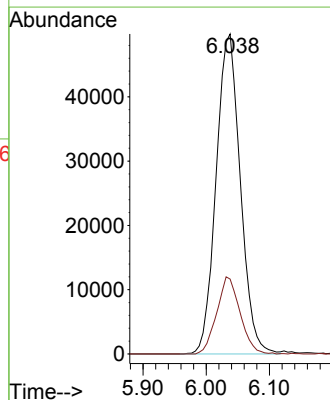
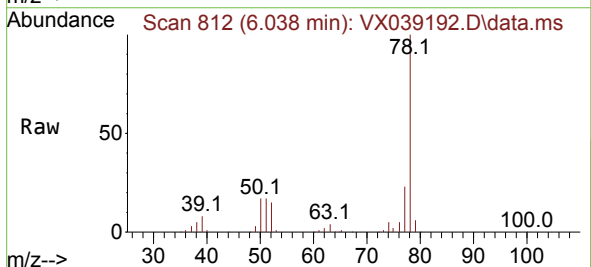
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

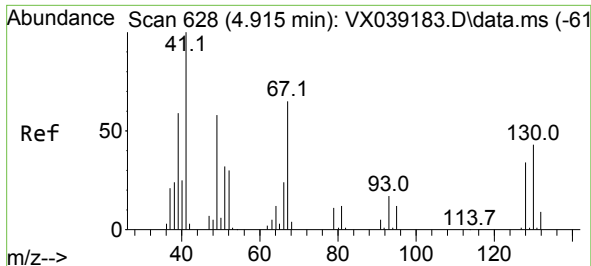
Tgt Ion: 83 Resp: 57359
Ion Ratio Lower Upper
83 100
55 77.8 64.6 97.0
98 45.3 36.7 55.1



#40
Benzene
Concen: 20.216 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 78 Resp: 132332
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

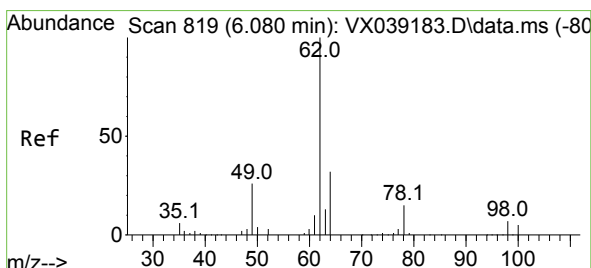
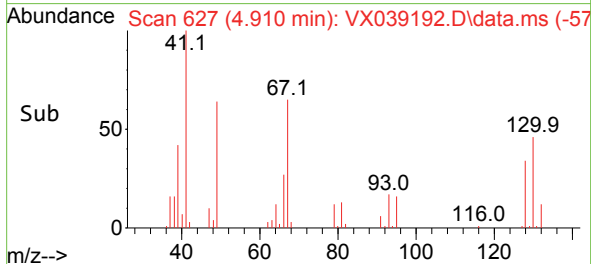
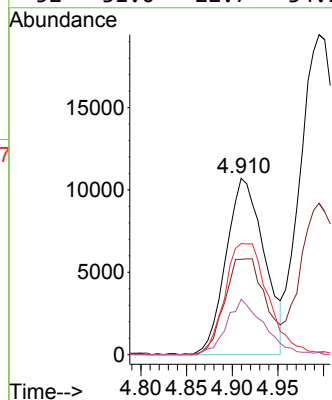
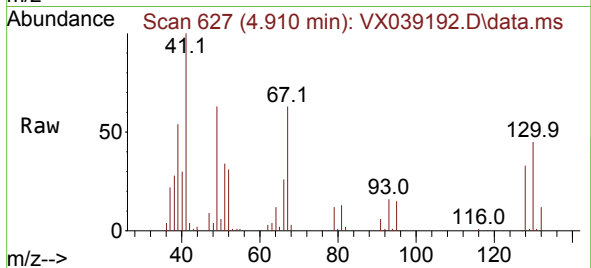




#41
Methacrylonitrile
Concen: 20.492 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

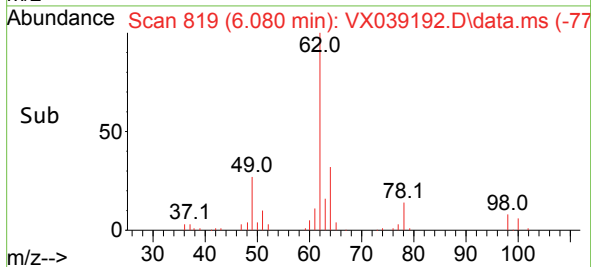
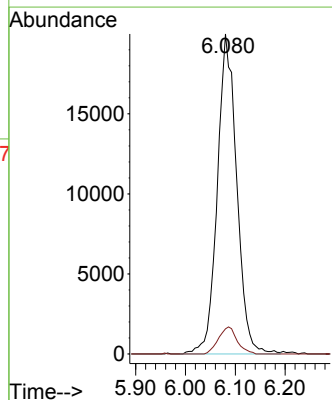
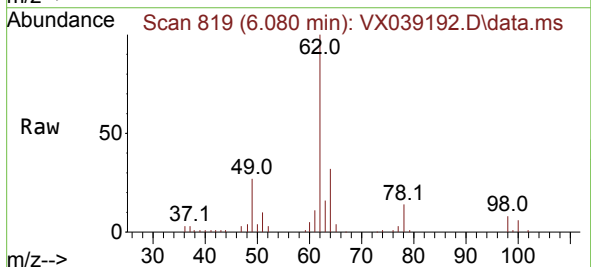
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

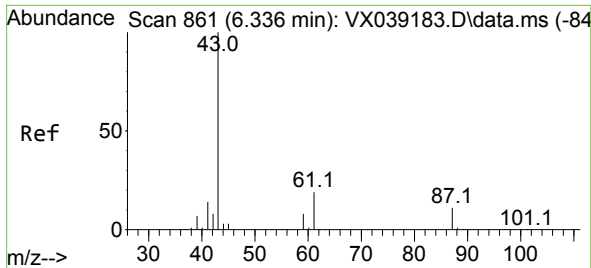
Tgt Ion: 41	Resp: 31257
Ion Ratio	Lower Upper
41 100	
39 58.2	45.2 67.8
67 71.9	52.6 78.8
52 31.0	22.7 34.1



#42
1,2-Dichloroethane
Concen: 20.387 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 62	Resp: 54020
Ion Ratio	Lower Upper
62 100	
98 8.1	0.0 16.0

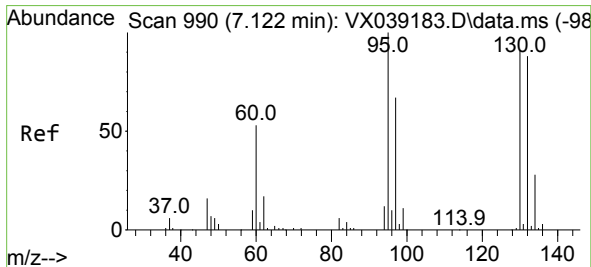
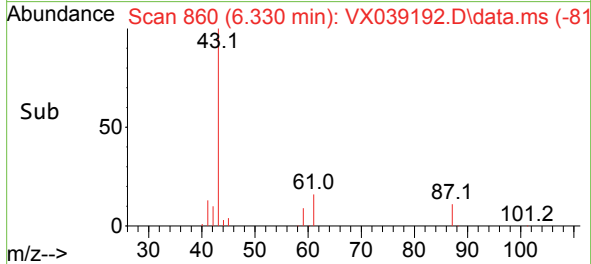
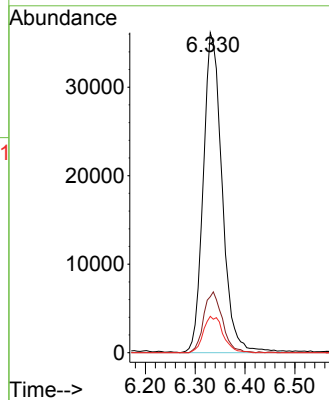
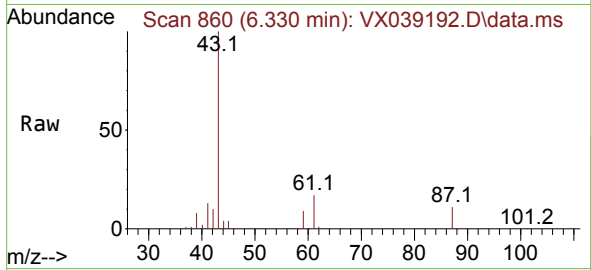




#43
Isopropyl Acetate
Concen: 20.442 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

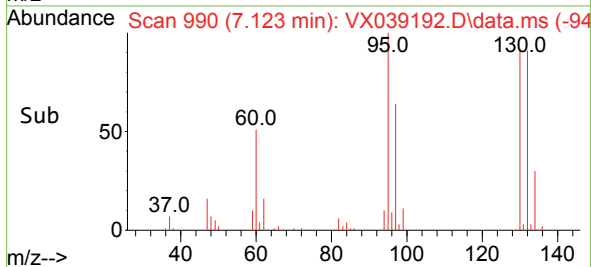
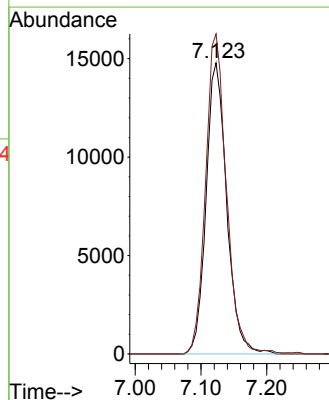
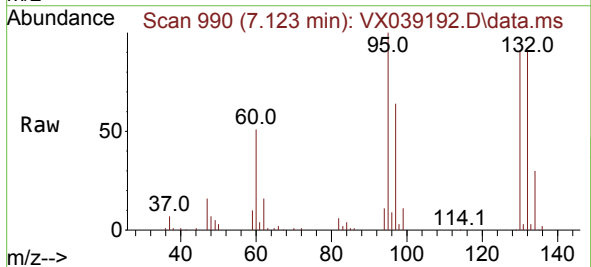
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 43	Resp: 95033
Ion Ratio	Lower Upper
43	100
61	18.9 15.2 22.8
87	11.9 9.8 14.6



#44
Trichloroethene
Concen: 19.591 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 130	Resp: 32360
Ion Ratio	Lower Upper
130	100
95	110.0 0.0 204.4

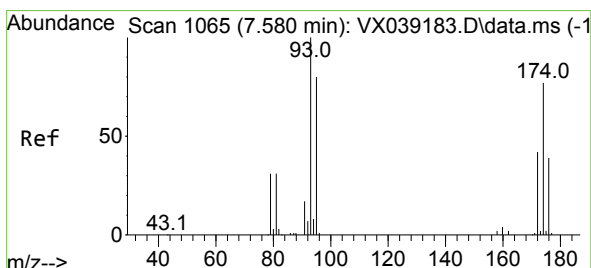
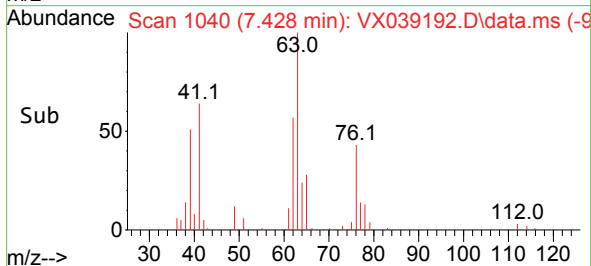
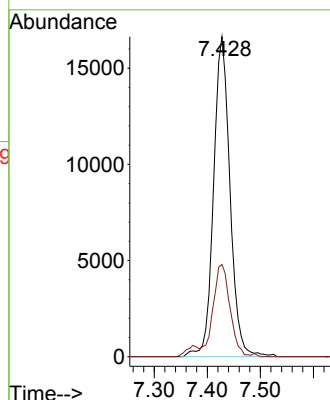
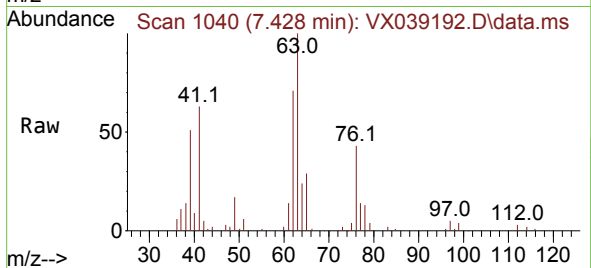




#45
1,2-Dichloropropane
Concen: 20.439 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

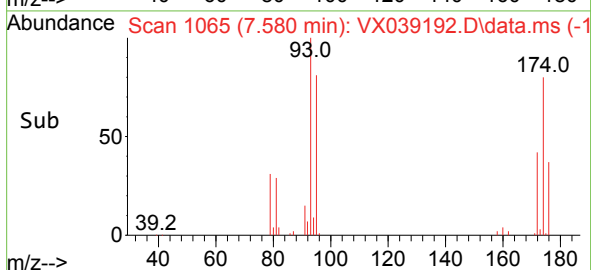
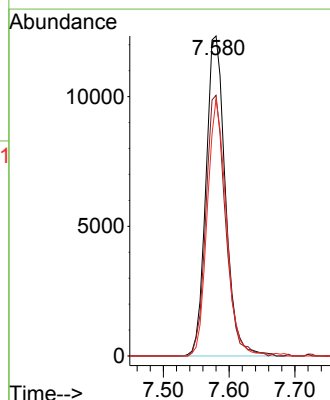
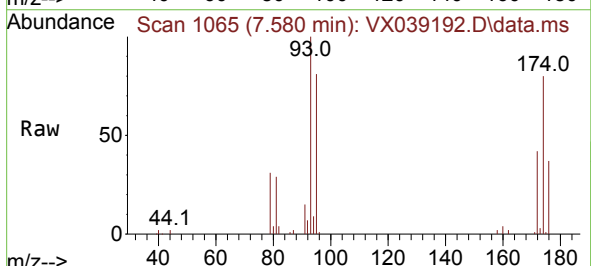
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

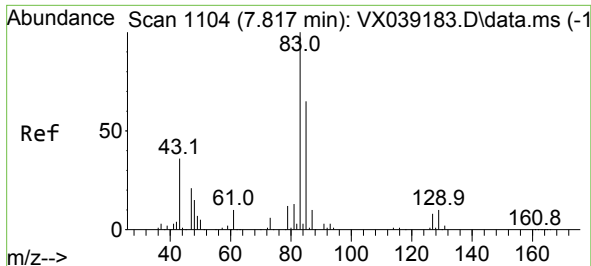
Tgt Ion: 63 Resp: 35907
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5



#46
Dibromomethane
Concen: 20.606 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 93 Resp: 25447
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 78.4 69.4 104.0

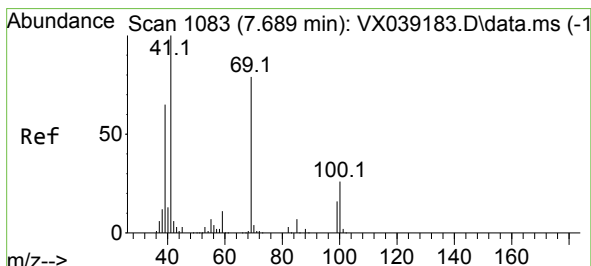
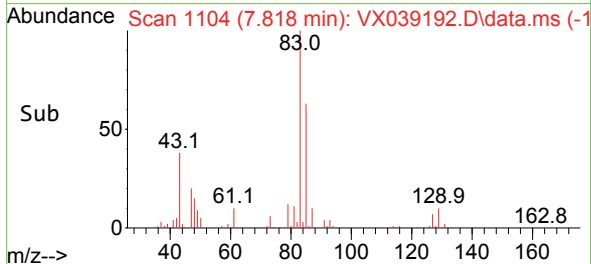
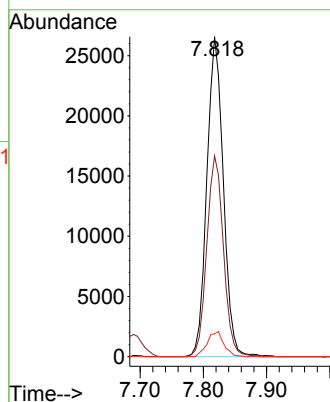
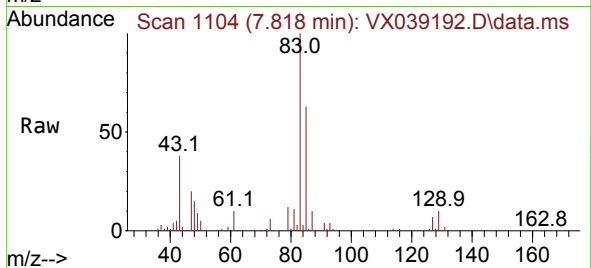




#47
Bromodichloromethane
Concen: 20.399 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

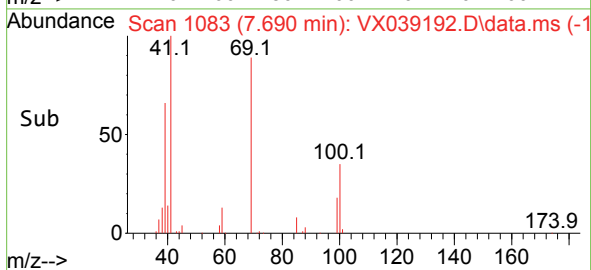
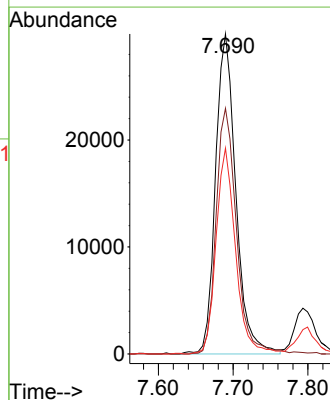
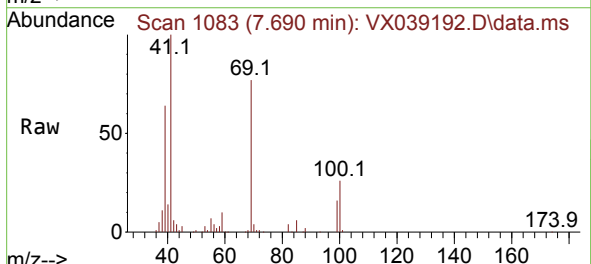
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

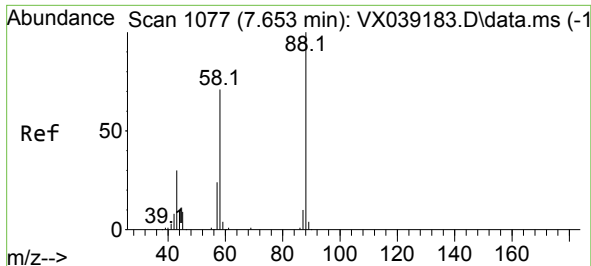
Tgt Ion: 83 Resp: 48166
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 7.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.847 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 41 Resp: 56660
Ion Ratio Lower Upper
41 100
69 77.2 59.2 88.8
39 61.6 47.7 71.5

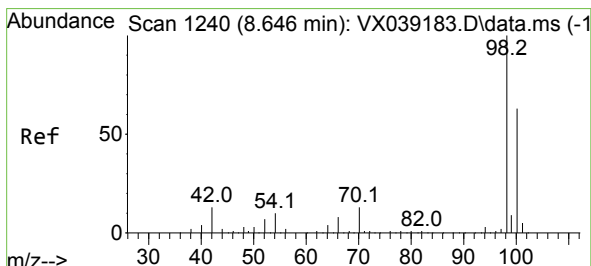
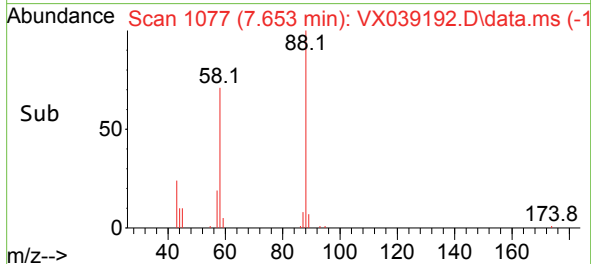
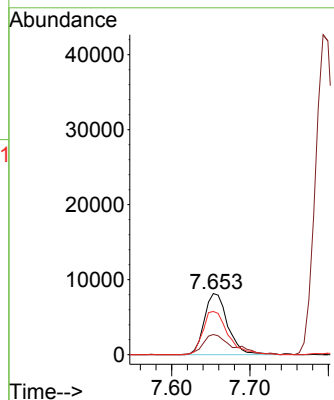
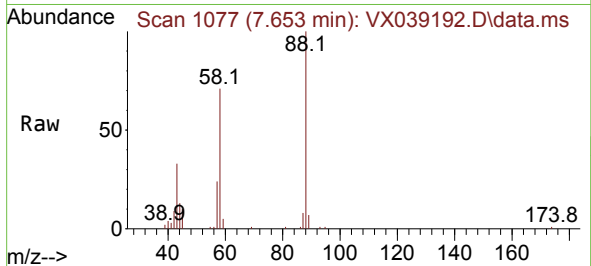




#49
1,4-Dioxane
Concen: 460.078 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

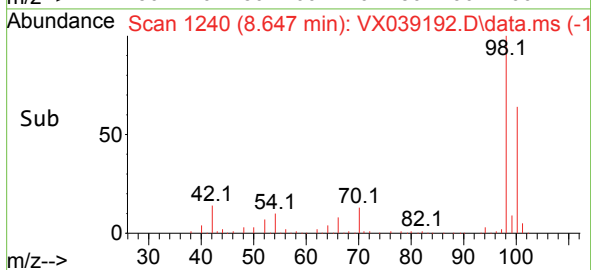
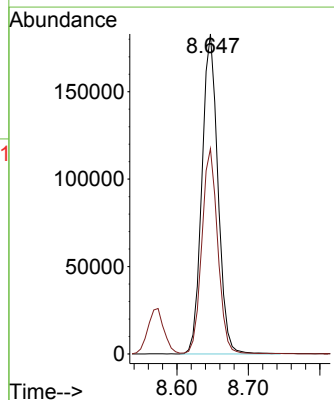
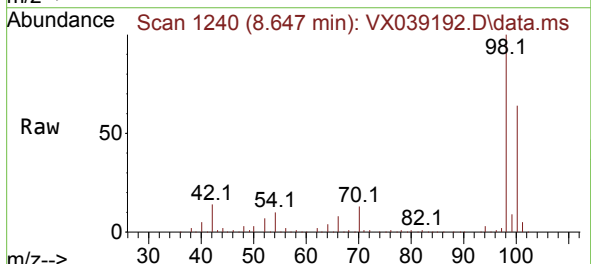
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

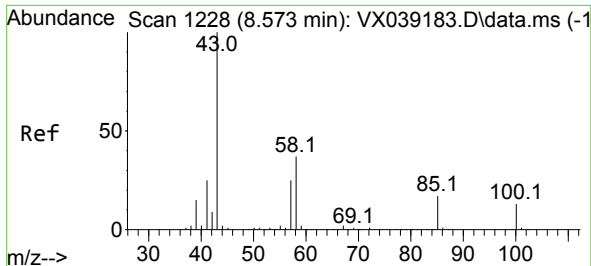
Tgt Ion: 88 Resp: 16855
Ion Ratio Lower Upper
88 100
43 42.0 0.0 0.0#
58 75.8 60.1 90.1



#50
Toluene-d8
Concen: 52.246 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 98 Resp: 284430
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

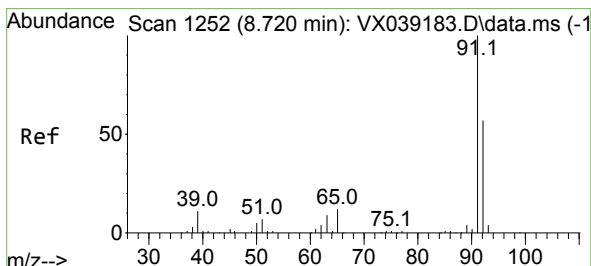
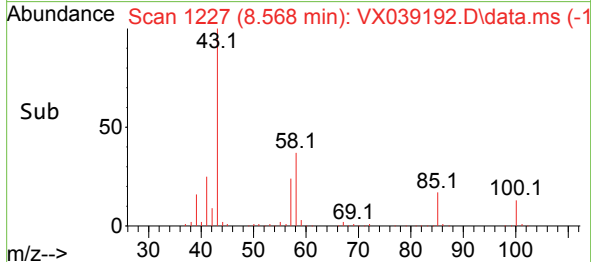
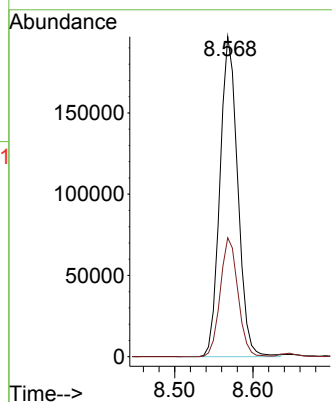
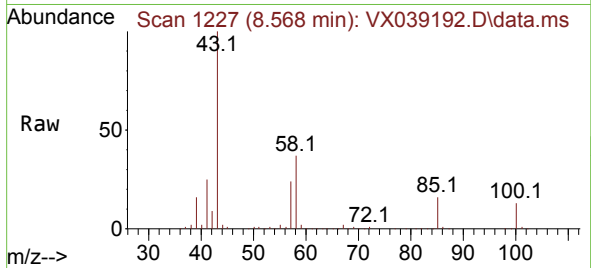




#51
4-Methyl-2-Pentanone
Concen: 105.170 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

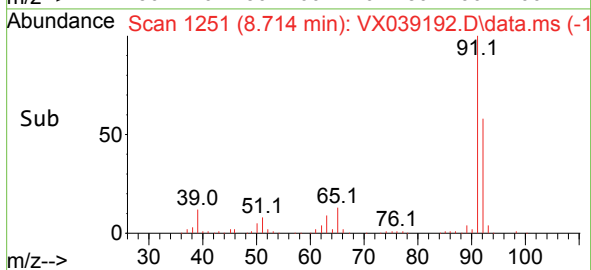
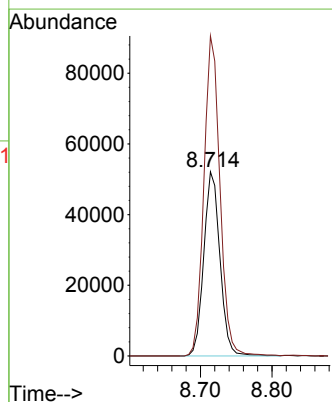
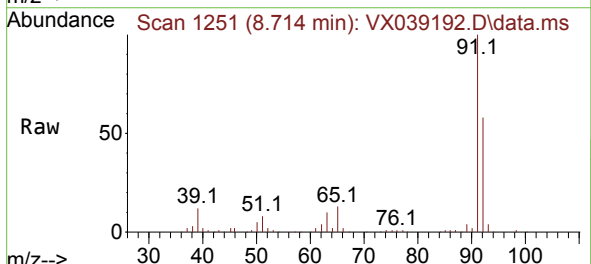
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

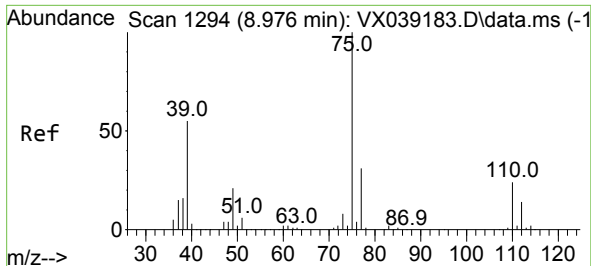
Tgt Ion: 43 Resp: 311516
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6



#52
Toluene
Concen: 20.710 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 92 Resp: 81823
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.315 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

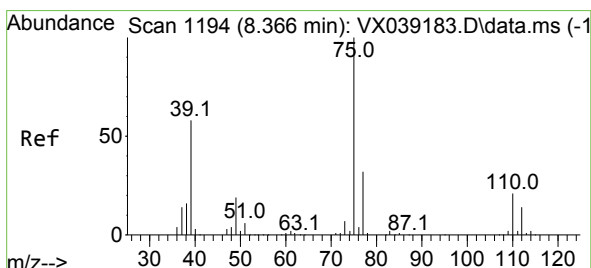
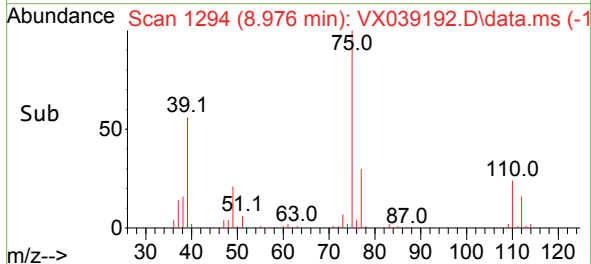
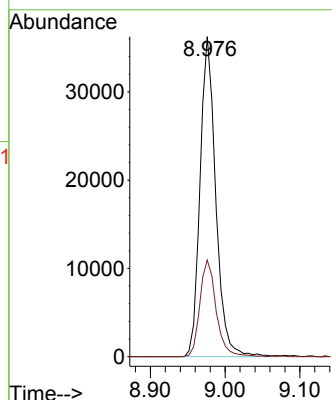
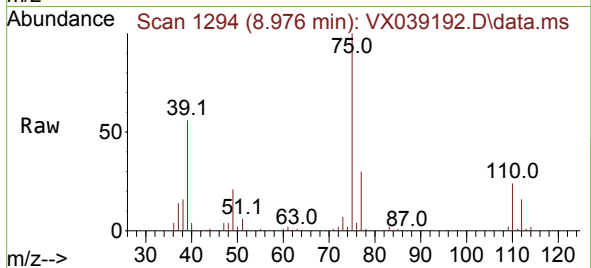
VX1213WBSD01

Tgt Ion: 75 Resp: 52810

Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.467 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

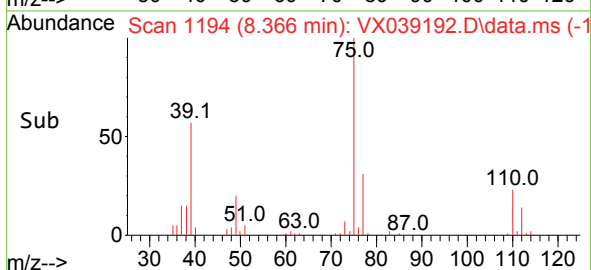
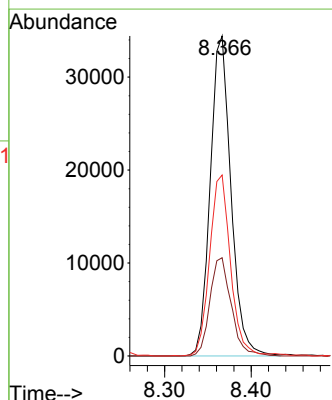
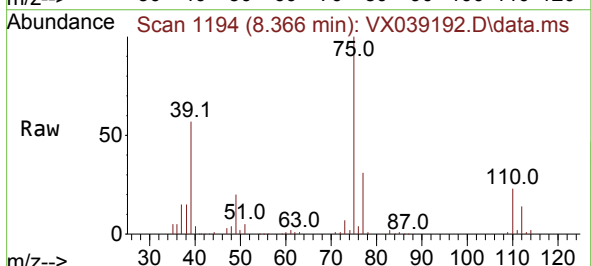
Tgt Ion: 75 Resp: 57247

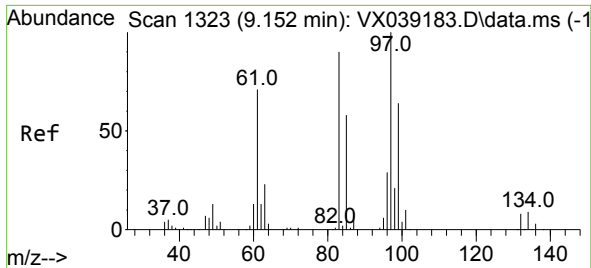
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

39 56.5 46.7 70.1

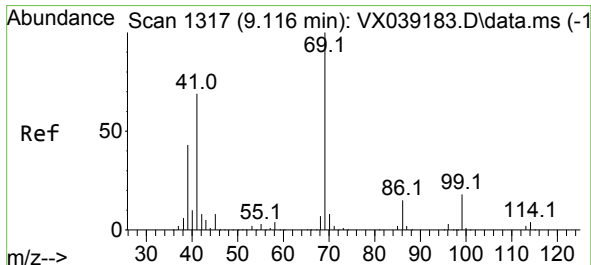
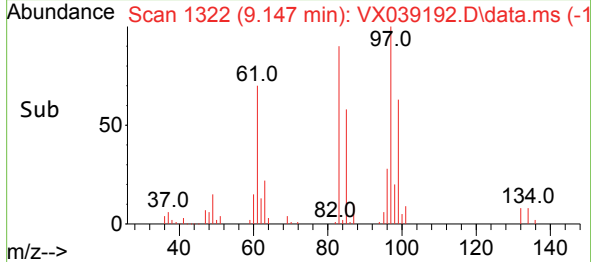
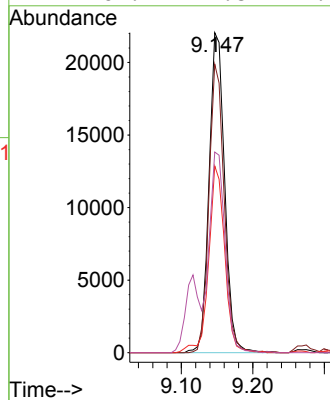
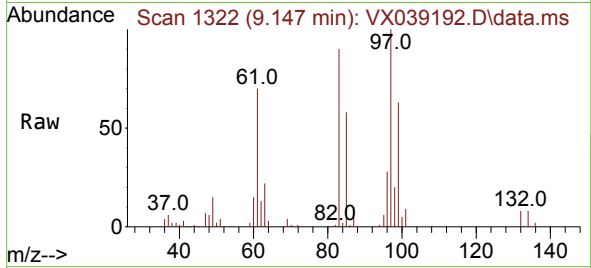




#55
1,1,2-Trichloroethane
Concen: 20.254 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

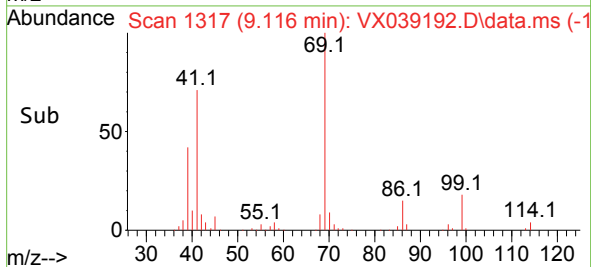
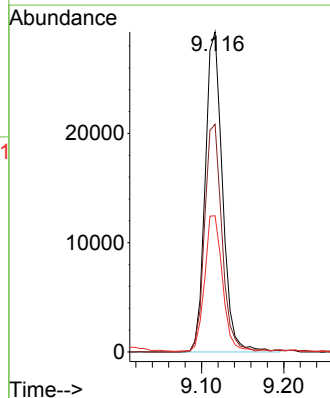
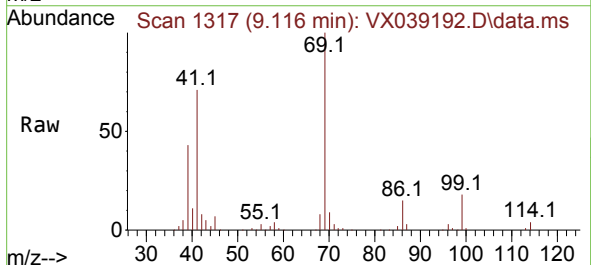
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

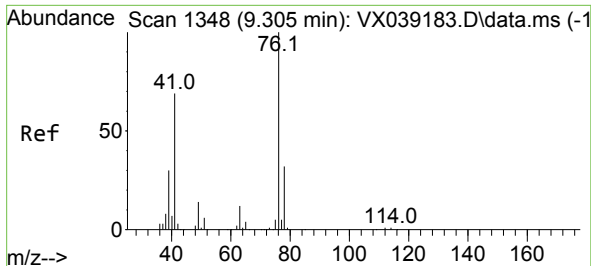
Tgt Ion: 97	Resp: 33406
Ion Ratio	Lower Upper
97 100	
83 90.2	65.8 98.8
85 58.3	41.6 62.4
99 62.7	47.8 71.8



#56
Ethyl methacrylate
Concen: 21.193 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 69	Resp: 42673
Ion Ratio	Lower Upper
69 100	
41 72.5	56.8 85.2
39 43.8	32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.567 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

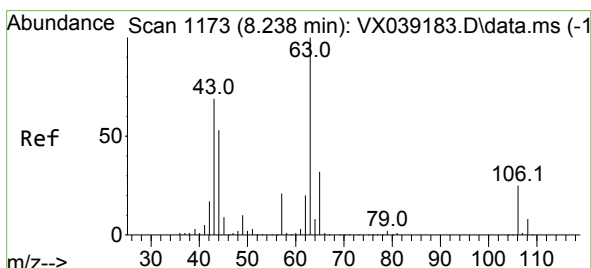
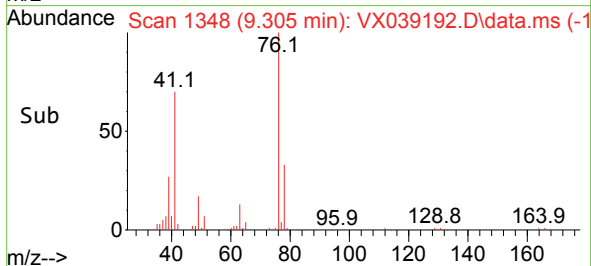
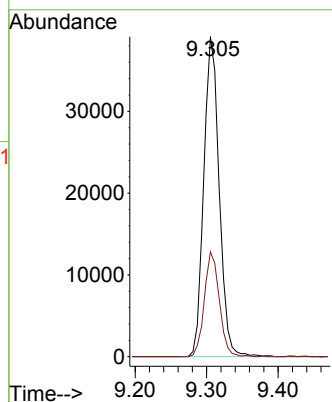
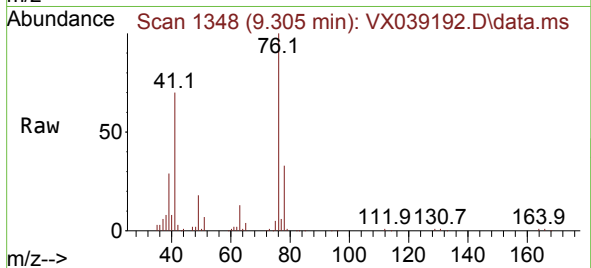
VX1213WBSD01

Tgt Ion: 76 Resp: 58644

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 112.339 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039192.D

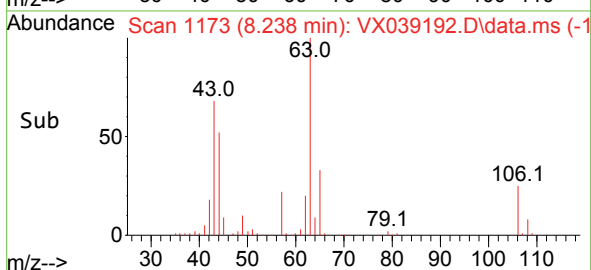
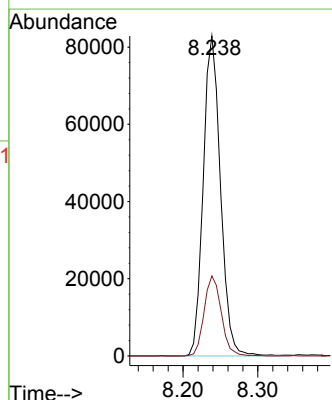
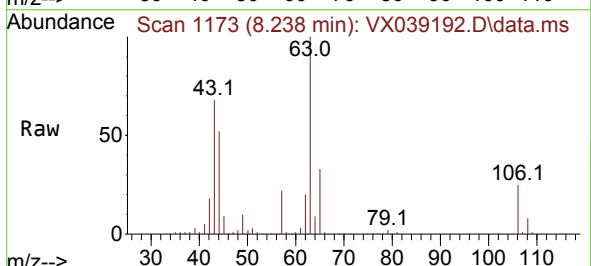
Acq: 13 Dec 2023 16:25

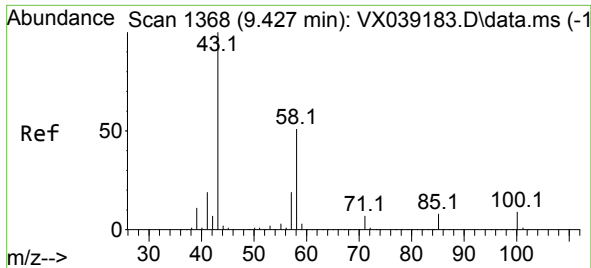
Tgt Ion: 63 Resp: 132820

Ion Ratio Lower Upper

63 100

106 24.9 22.5 33.7

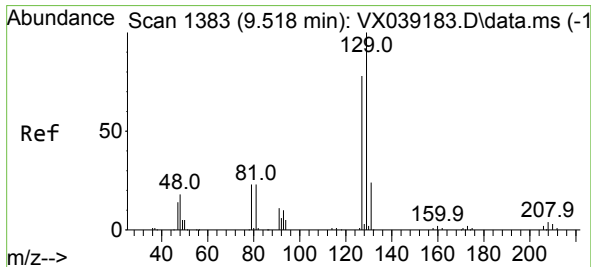
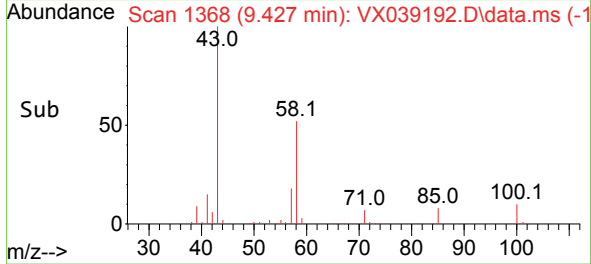
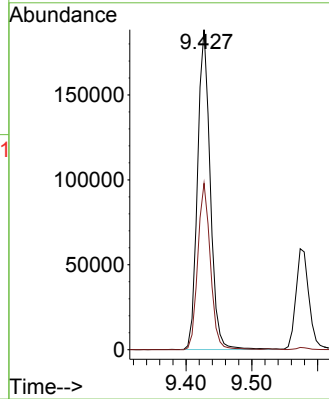
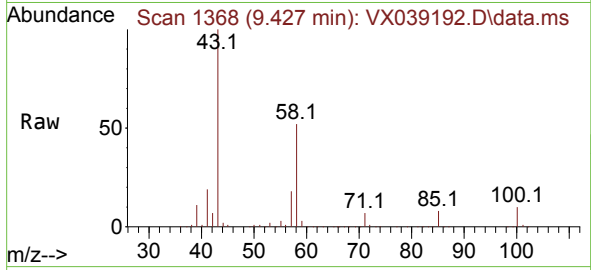




#59
2-Hexanone
Concen: 98.877 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

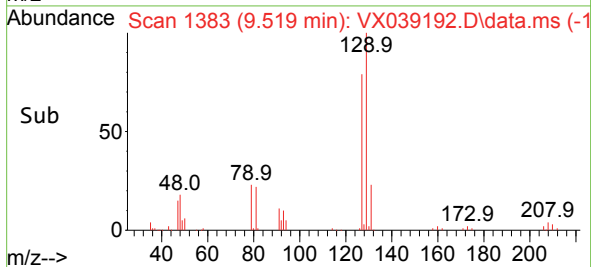
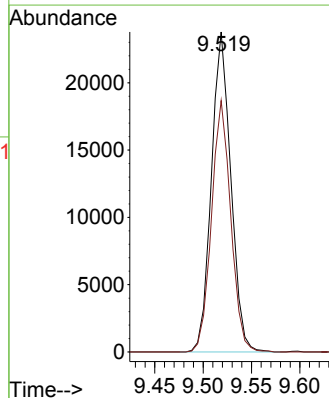
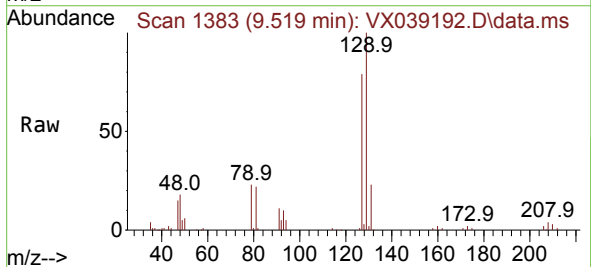
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

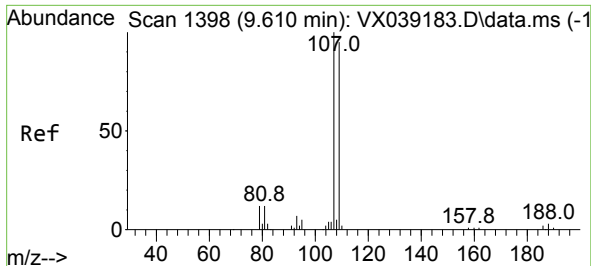
Tgt Ion: 43 Resp: 252764
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.5



#60
Dibromochloromethane
Concen: 19.915 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 129 Resp: 33220
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

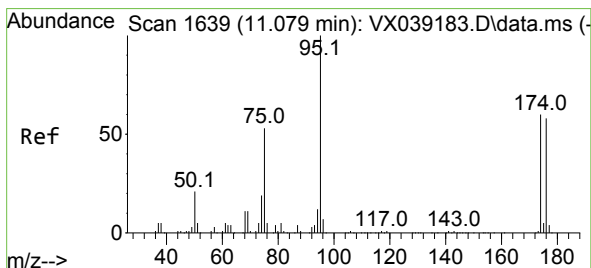
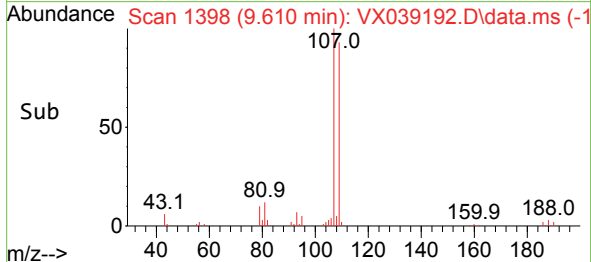
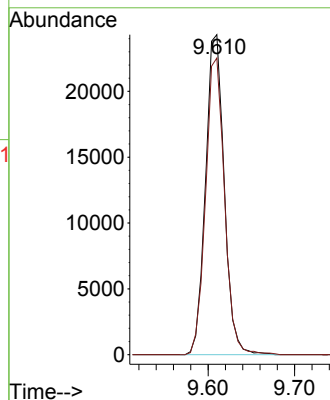
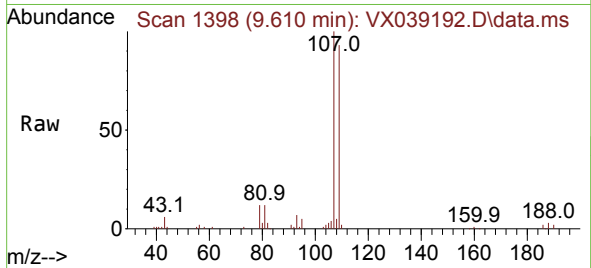




#61
1,2-Dibromoethane
Concen: 20.691 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

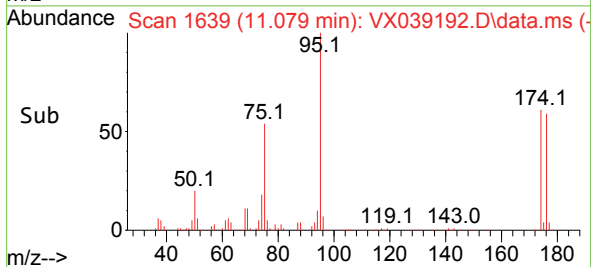
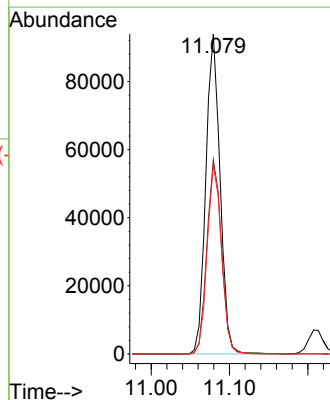
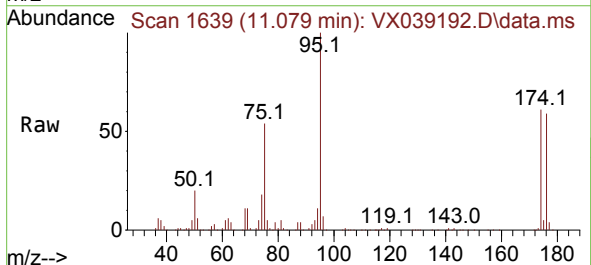
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

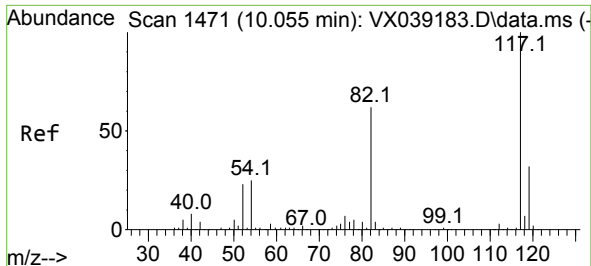
Tgt Ion:107 Resp: 36432
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 95 Resp: 118374
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 59.3 0.0 131.0

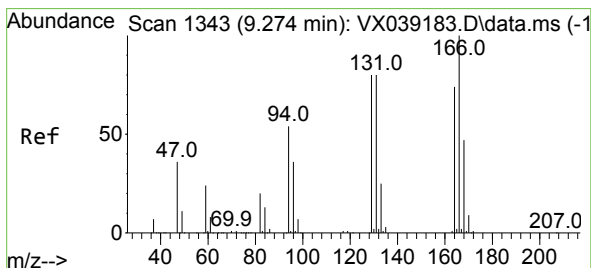
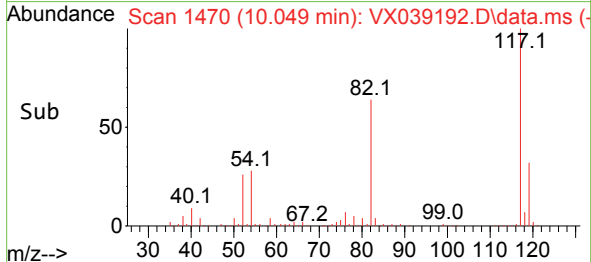
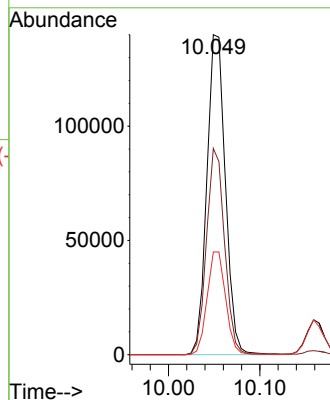
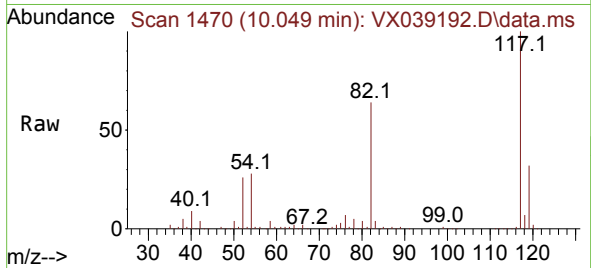




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

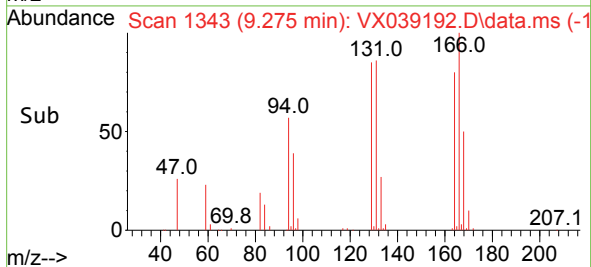
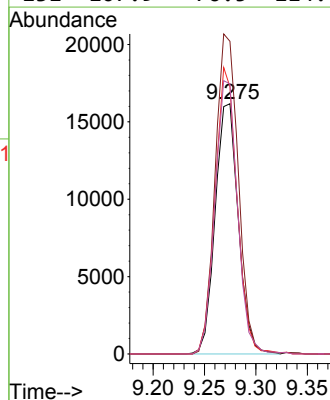
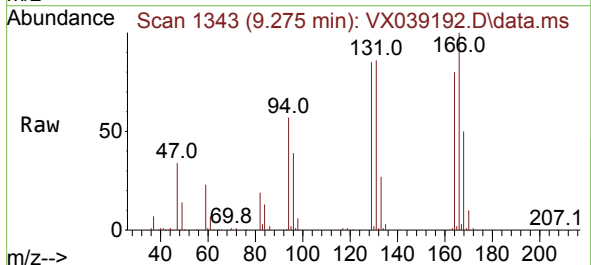
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

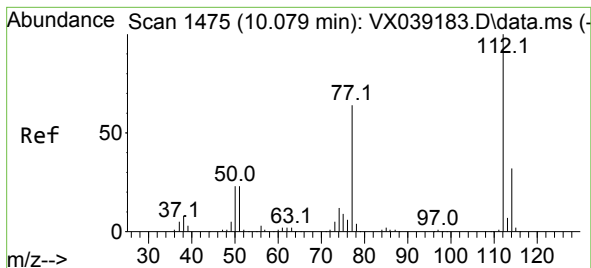
Tgt Ion:117 Resp: 196531
Ion Ratio Lower Upper
117 100
82 64.5 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.645 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion:164 Resp: 25229
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 106.7 80.4 120.6
131 107.9 76.5 114.7

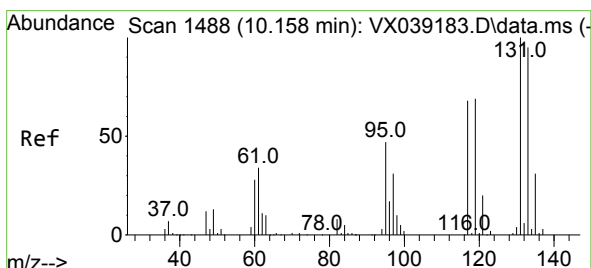
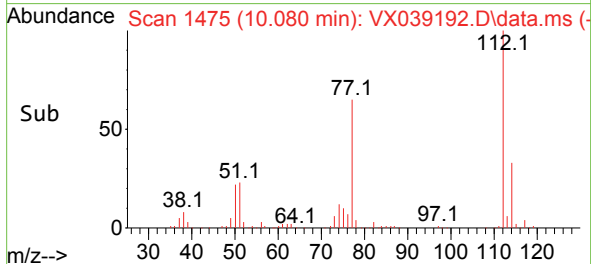
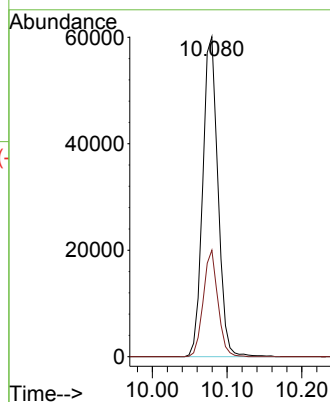
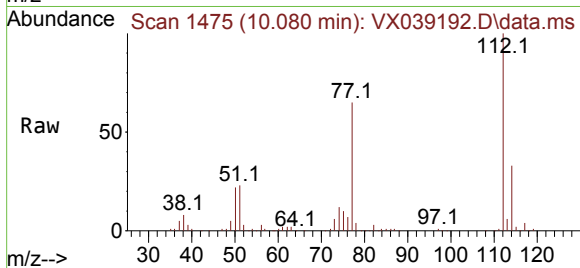




#65
Chlorobenzene
Concen: 19.802 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

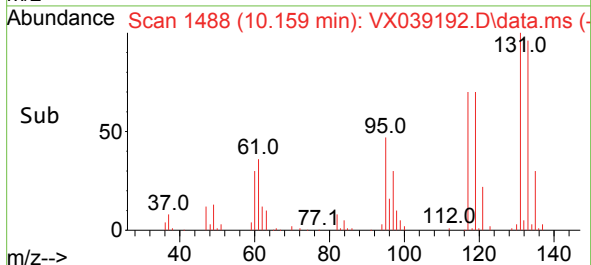
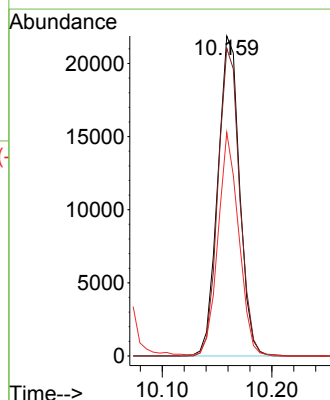
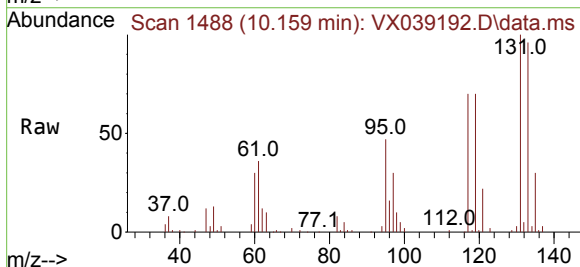
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

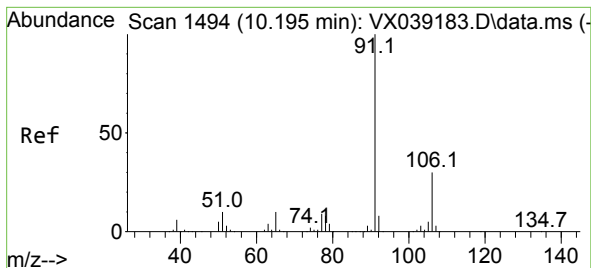
Tgt Ion:112 Resp: 84943
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.942 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion:131 Resp: 30217
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 19.983 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

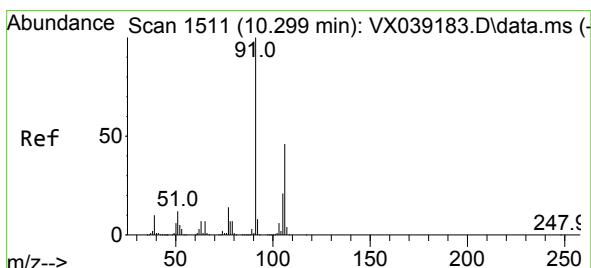
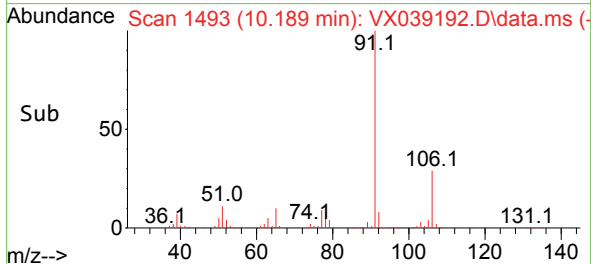
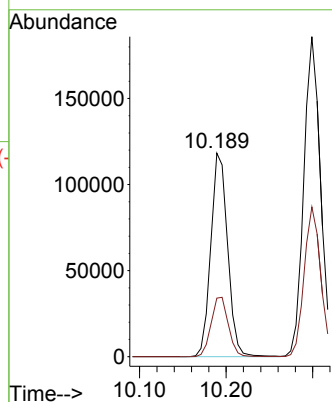
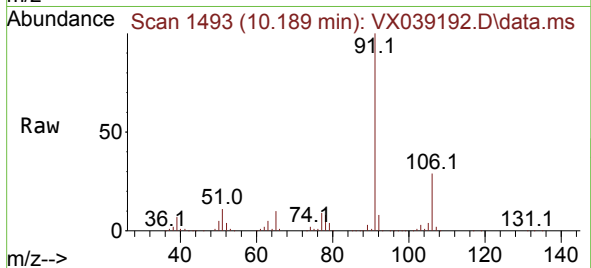
VX1213WBSD01

Tgt Ion: 91 Resp: 159561

Ion Ratio Lower Upper

91 100

106 28.7 24.9 37.3



#68

m/p-Xylenes

Concen: 41.052 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039192.D

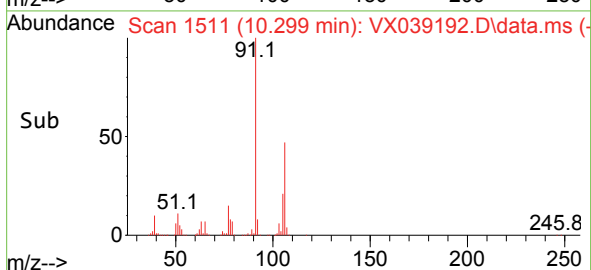
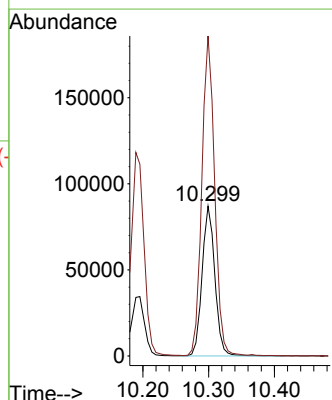
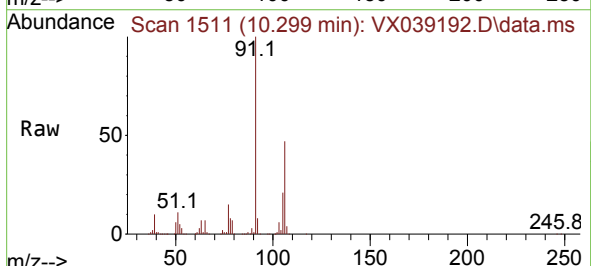
Acq: 13 Dec 2023 16:25

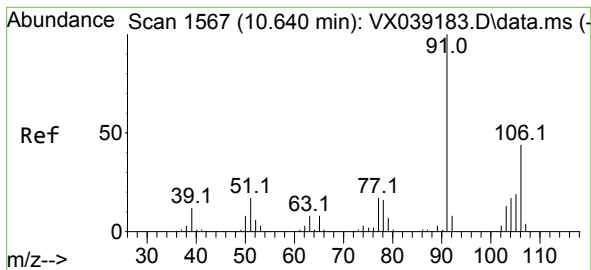
Tgt Ion: 106 Resp: 117530

Ion Ratio Lower Upper

106 100

91 213.1 165.5 248.3





#69

o-Xylene

Concen: 20.265 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

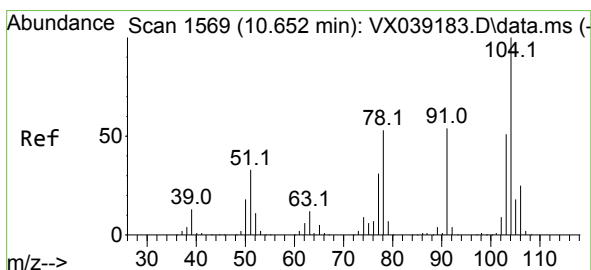
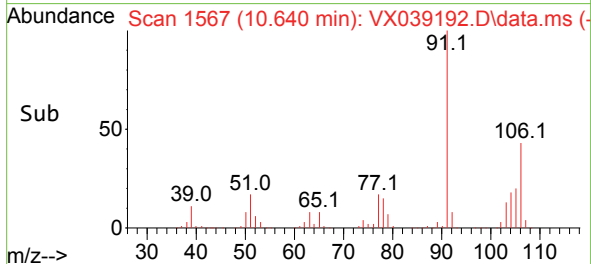
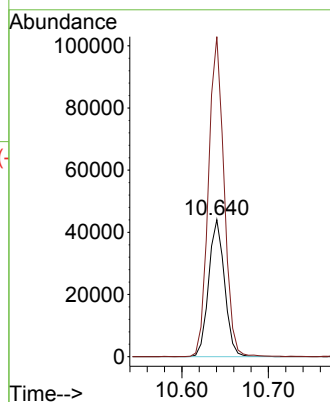
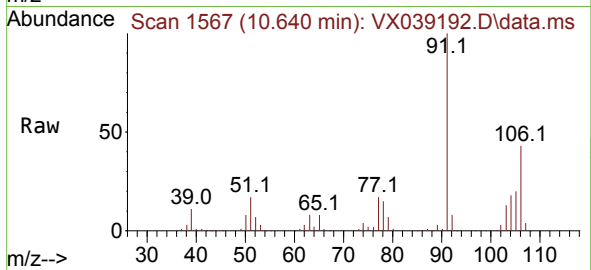
VX1213WBSD01

Tgt Ion:106 Resp: 56096

Ion Ratio Lower Upper

106 100

91 230.3 108.9 326.8



#70

Styrene

Concen: 20.235 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

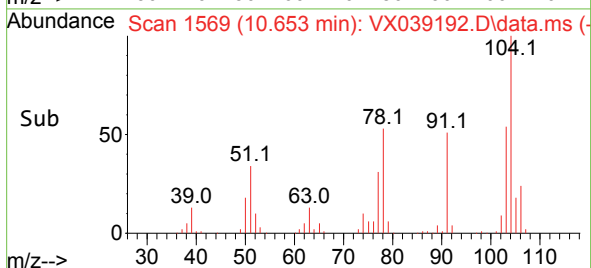
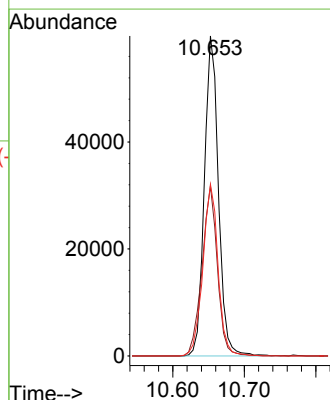
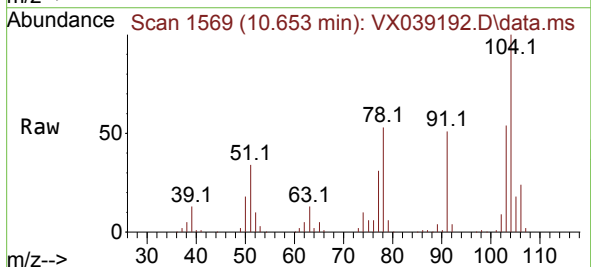
Tgt Ion:104 Resp: 81888

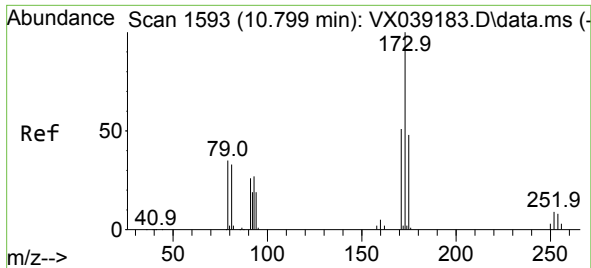
Ion Ratio Lower Upper

104 100

78 58.0 43.6 65.4

103 58.1 43.6 65.4

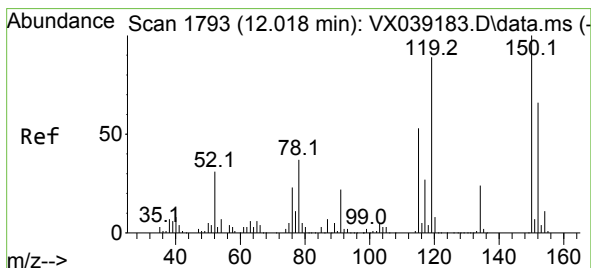
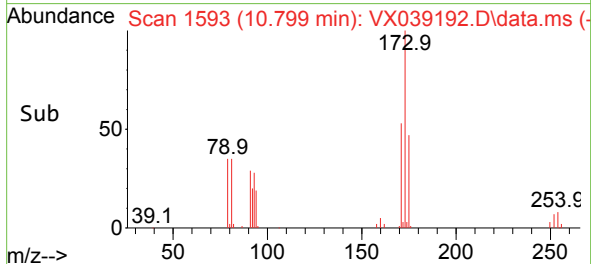
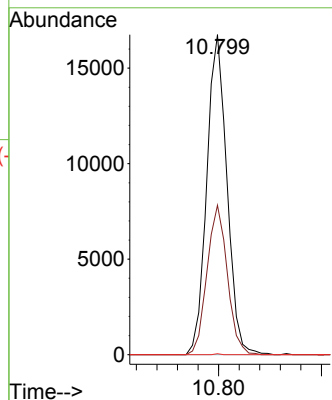
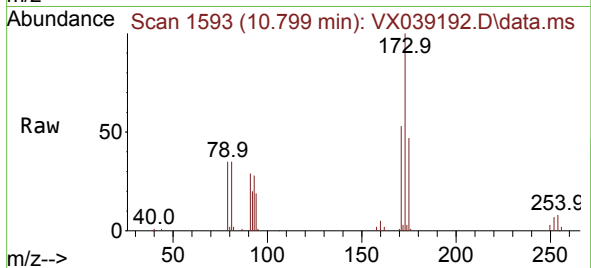




#71
Bromoform
Concen: 20.240 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

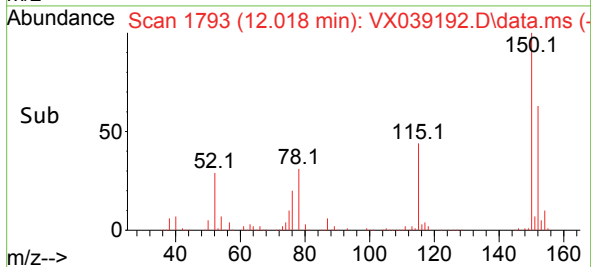
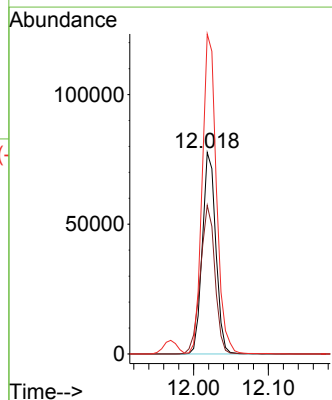
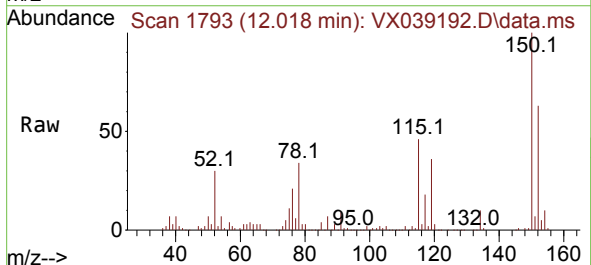
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

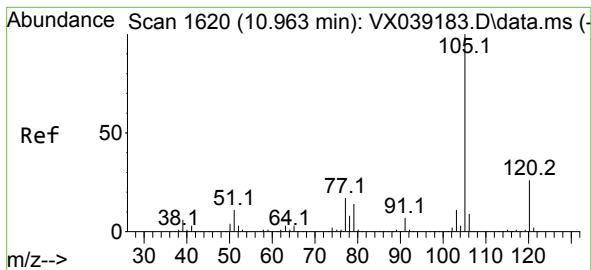
Tgt Ion:173 Resp: 22796
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion:152 Resp: 97131
Ion Ratio Lower Upper
152 100
115 79.6 43.3 129.9
150 167.9 0.0 345.0





#73

Isopropylbenzene

Concen: 20.451 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

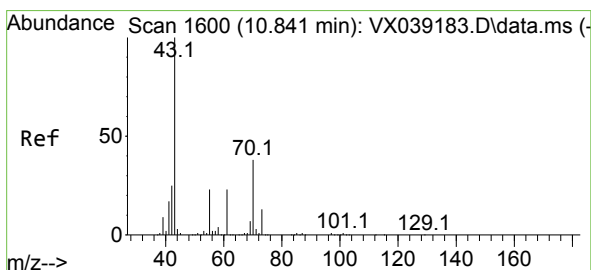
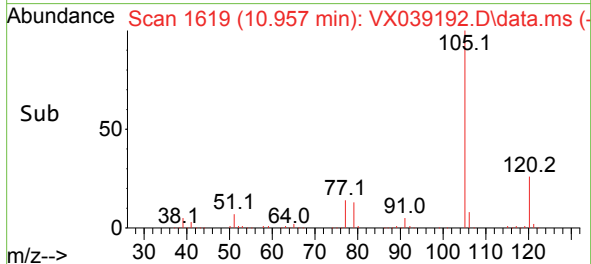
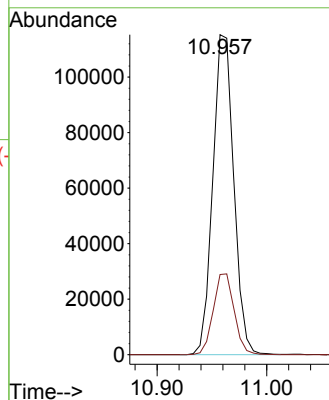
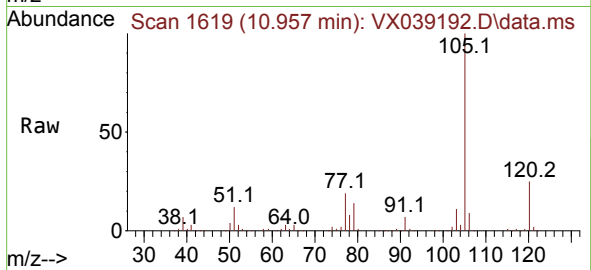
VX1213WBSD01

Tgt Ion:105 Resp: 153258

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



#74

N-ethyl acetate

Concen: 20.592 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Tgt Ion: 43 Resp: 78077

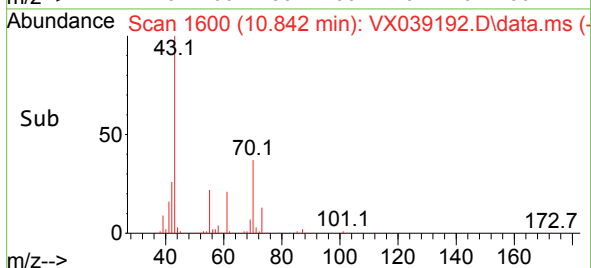
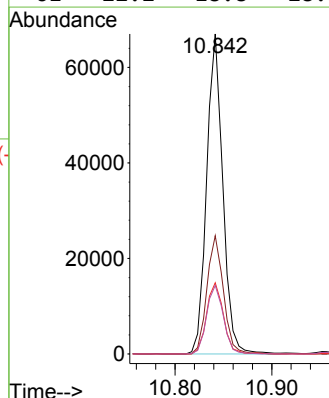
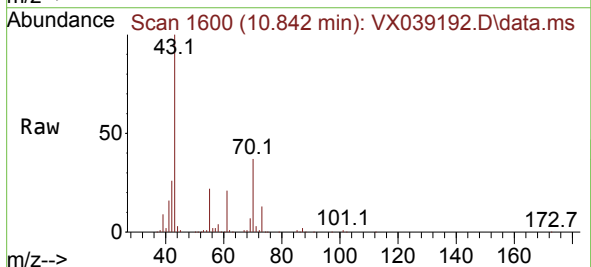
Ion Ratio Lower Upper

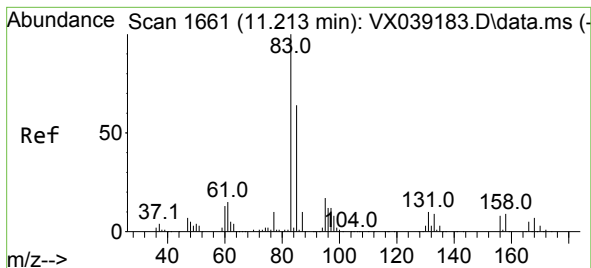
43 100

70 37.8 32.9 49.3

55 23.2 19.3 28.9

61 22.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.516 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

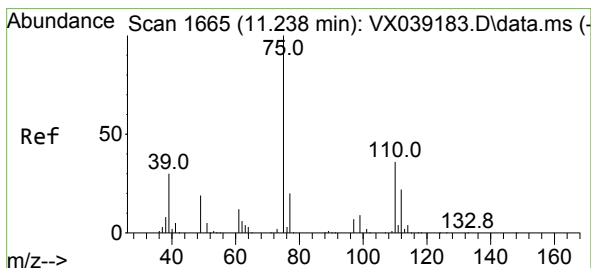
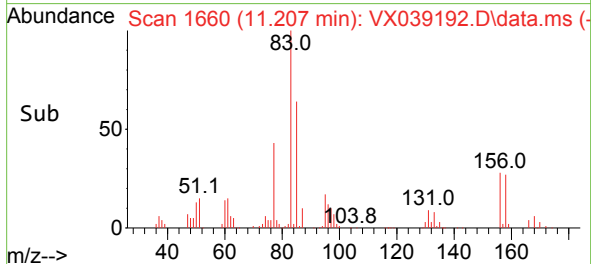
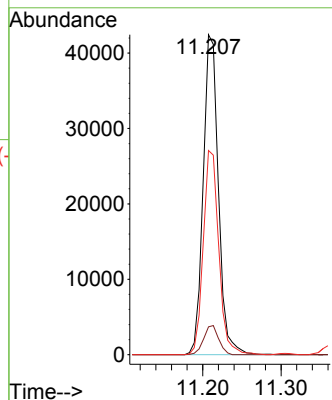
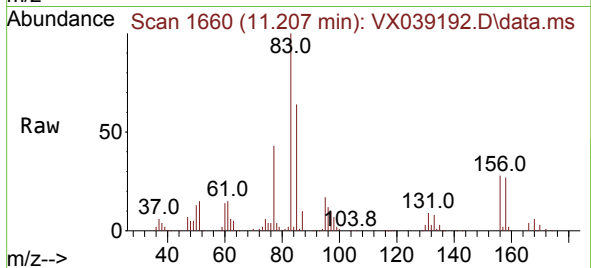
Tgt Ion: 83 Resp: 57194

Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.959 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039192.D

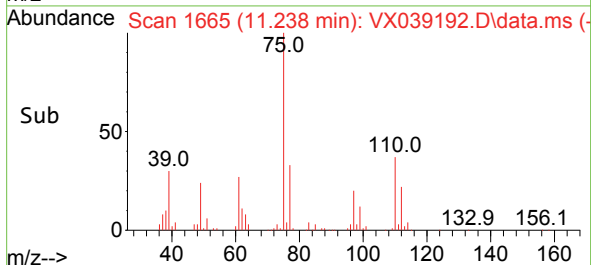
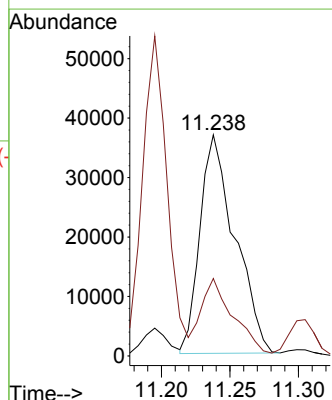
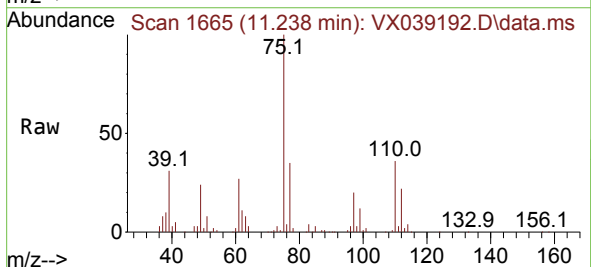
Acq: 13 Dec 2023 16:25

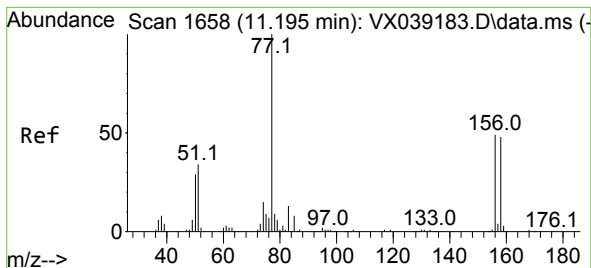
Tgt Ion: 75 Resp: 65233

Ion Ratio Lower Upper

75 100

77 33.1 19.1 57.5





#77

Bromobenzene

Concen: 20.231 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

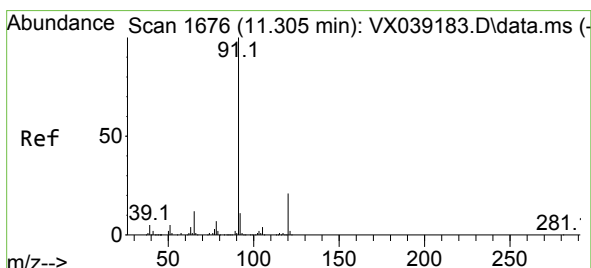
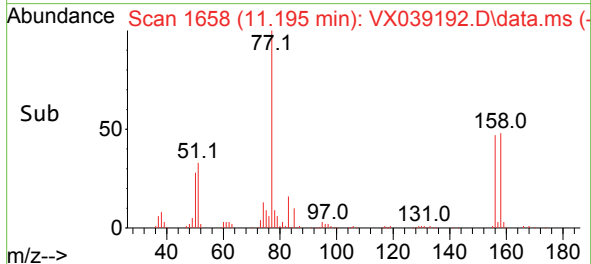
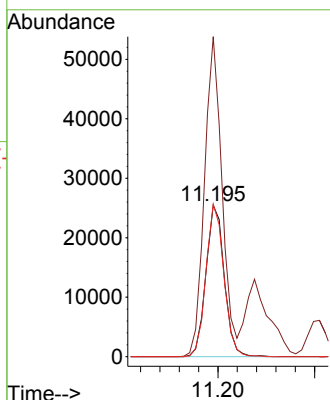
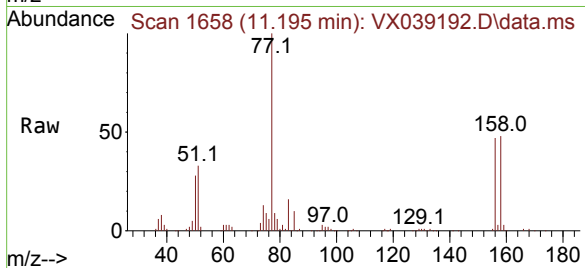
Tgt Ion:156 Resp: 33527

Ion Ratio Lower Upper

156 100

77 202.5 88.4 265.3

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 20.604 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039192.D

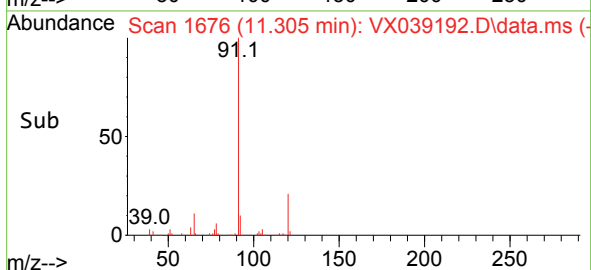
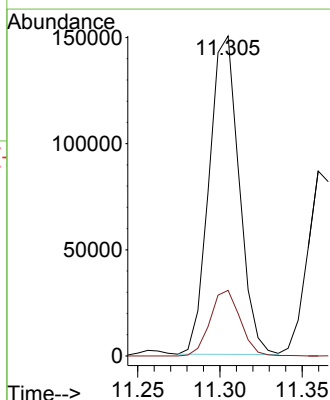
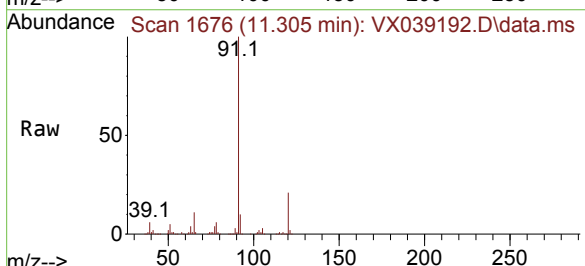
Acq: 13 Dec 2023 16:25

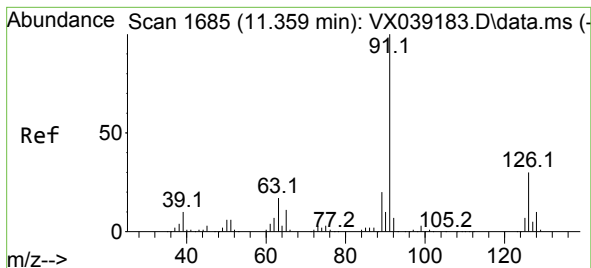
Tgt Ion: 91 Resp: 190241

Ion Ratio Lower Upper

91 100

120 20.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.994 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

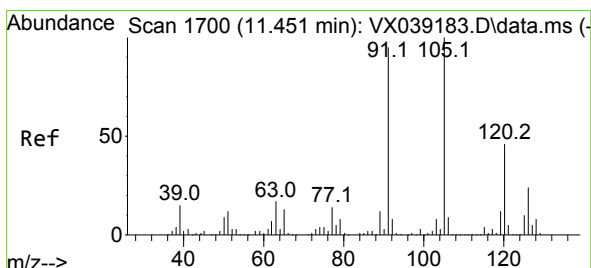
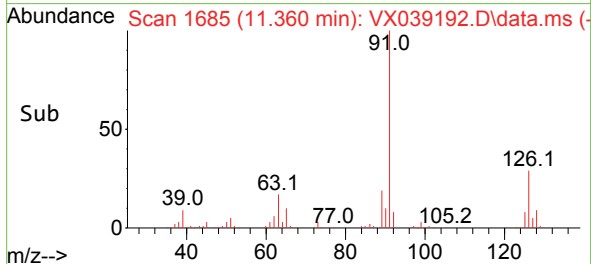
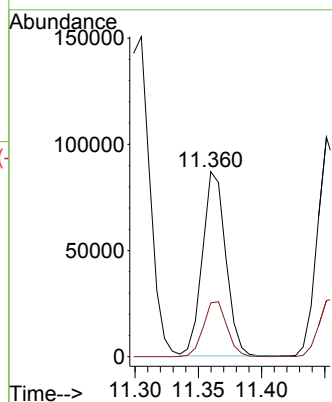
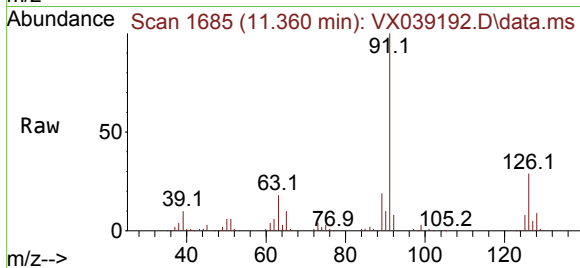
VX1213WBSD01

Tgt Ion: 91 Resp: 111665

Ion Ratio Lower Upper

91 100

126 30.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.639 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039192.D

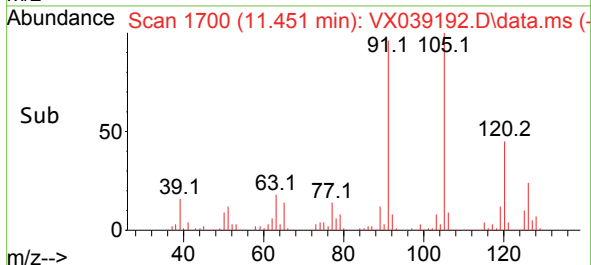
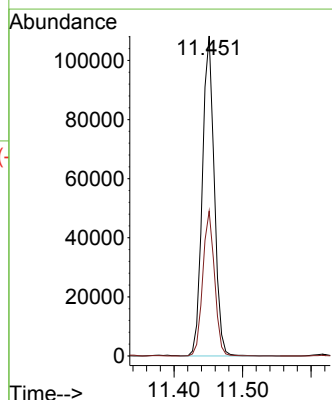
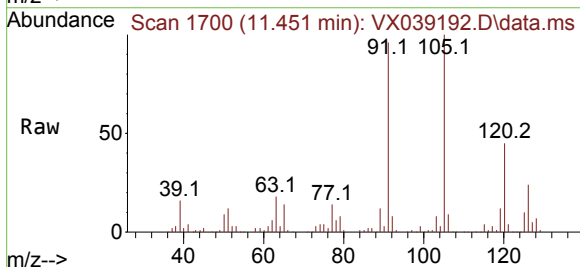
Acq: 13 Dec 2023 16:25

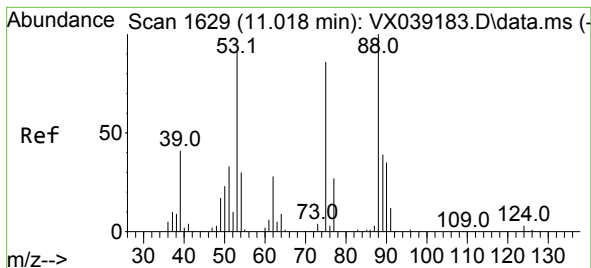
Tgt Ion: 105 Resp: 131763

Ion Ratio Lower Upper

105 100

120 44.7 24.1 72.3

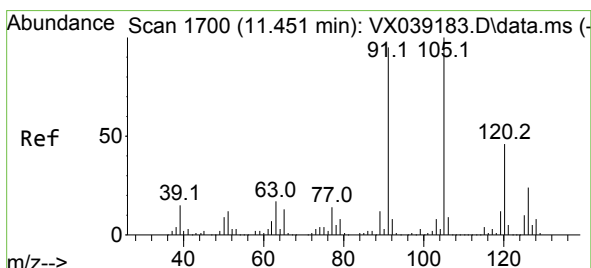
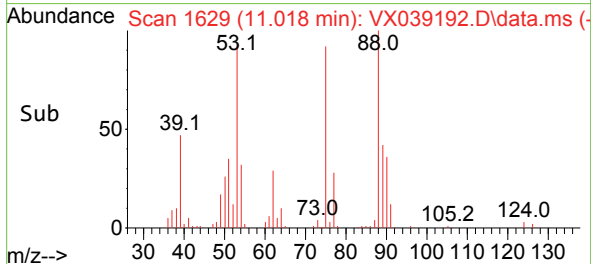
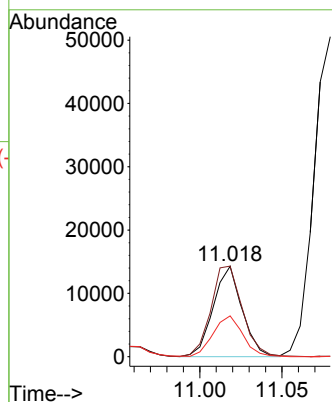
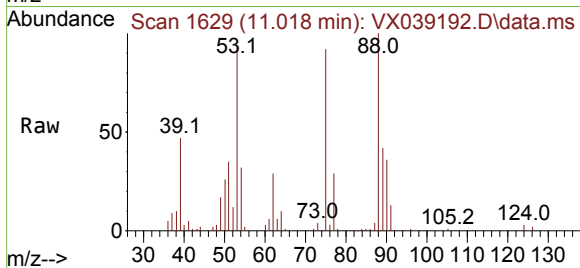




#81
trans-1,4-Dichloro-2-butene
Concen: 19.554 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

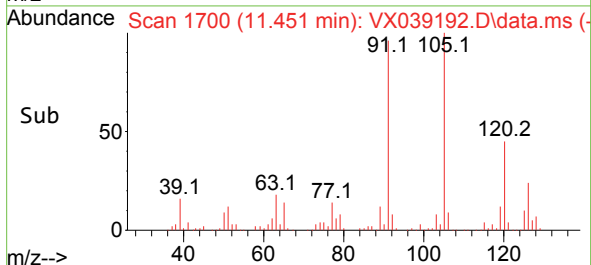
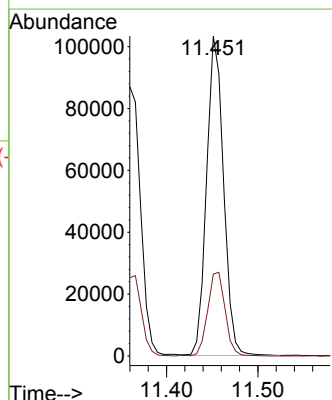
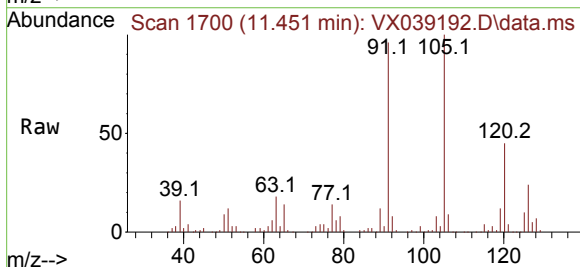
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 75 Resp: 17419
Ion Ratio Lower Upper
75 100
53 108.8 90.5 135.7
89 46.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.215 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion: 91 Resp: 132610
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.054 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

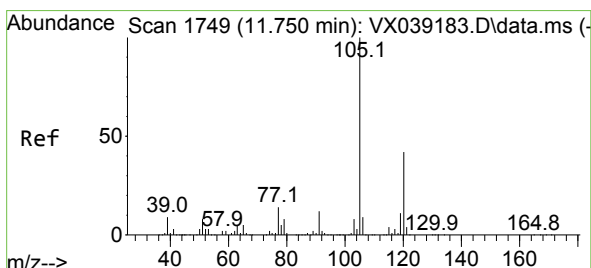
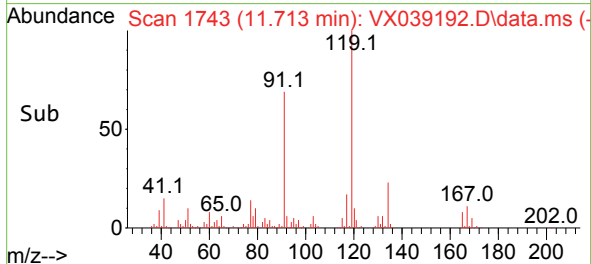
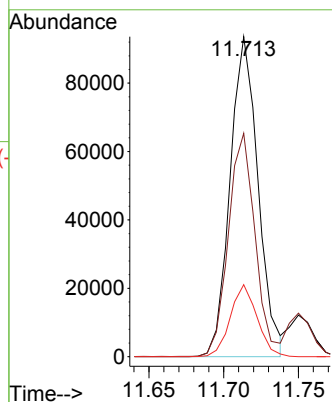
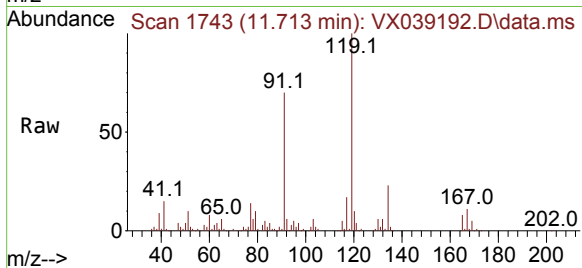
Tgt Ion:119 Resp: 121842

Ion Ratio Lower Upper

119 100

91 66.8 31.2 93.6

134 21.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.471 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039192.D

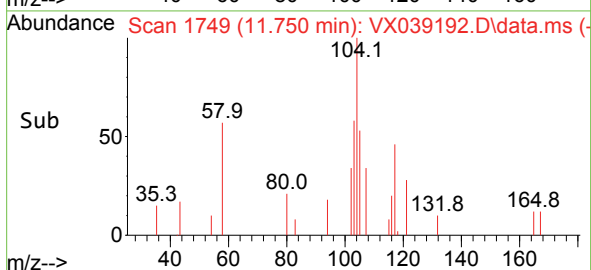
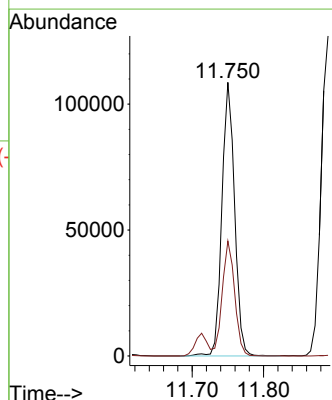
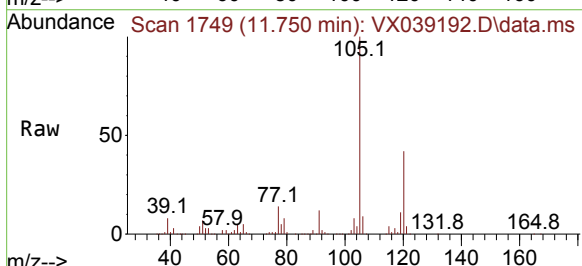
Acq: 13 Dec 2023 16:25

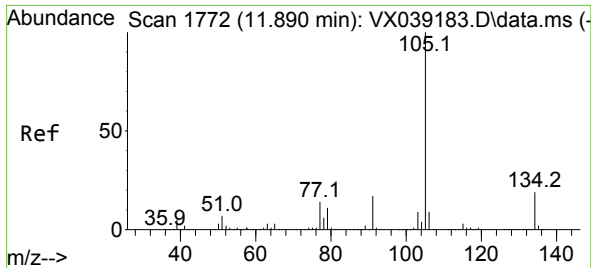
Tgt Ion:105 Resp: 134023

Ion Ratio Lower Upper

105 100

120 41.3 21.2 63.6

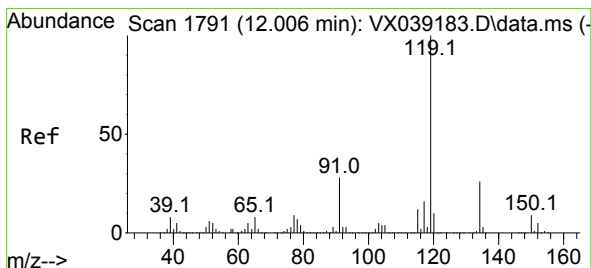
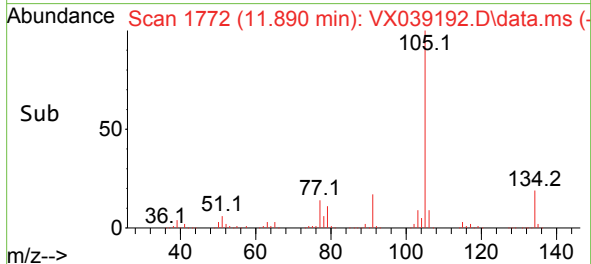
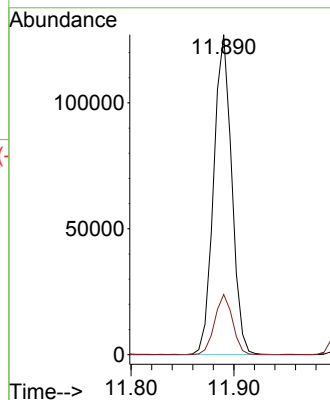
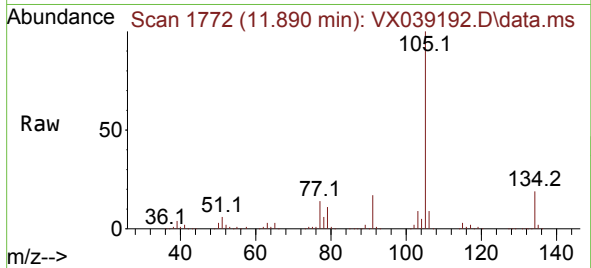




#85
 sec-Butylbenzene
 Concen: 19.982 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

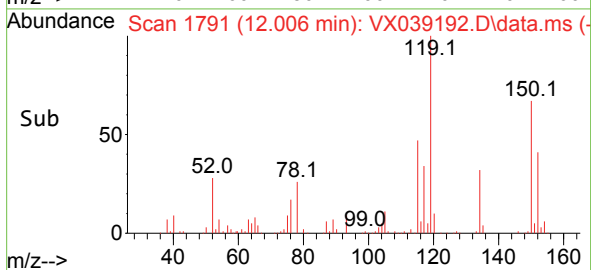
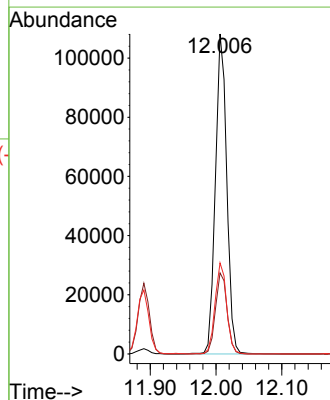
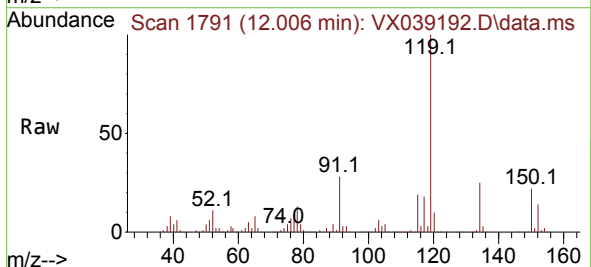
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

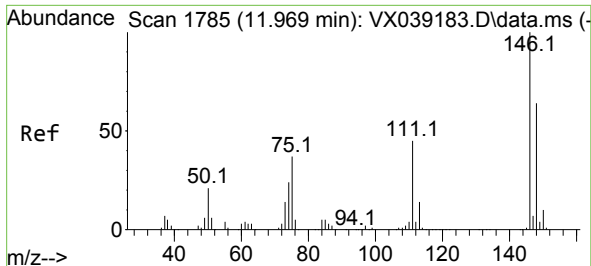
Tgt Ion:105 Resp: 154491
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.036 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

Tgt Ion:119 Resp: 130002
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 29.0 13.1 39.3

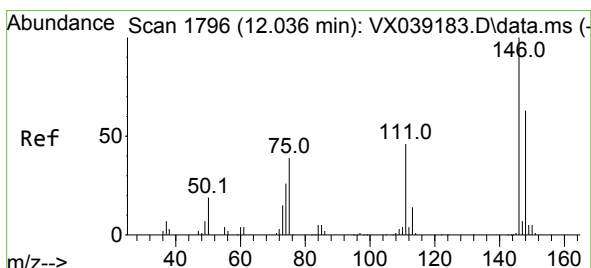
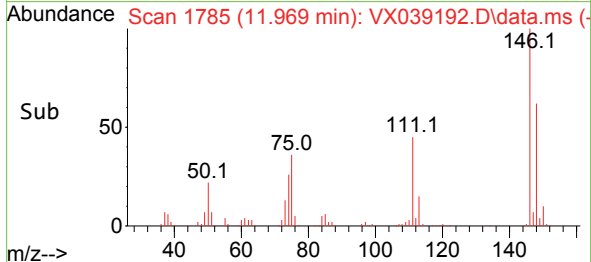
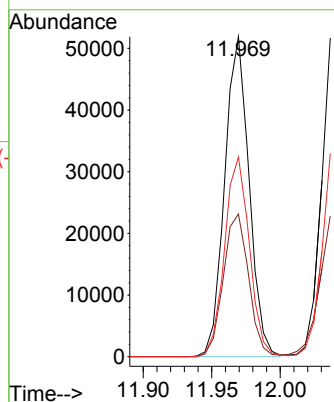
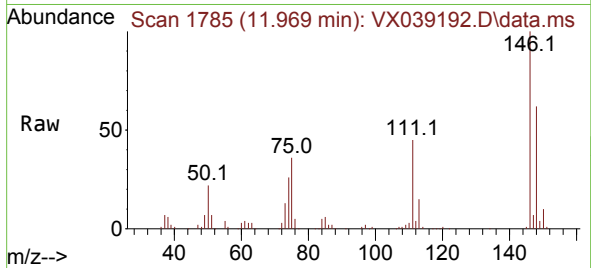




#87
1,3-Dichlorobenzene
Concen: 19.739 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

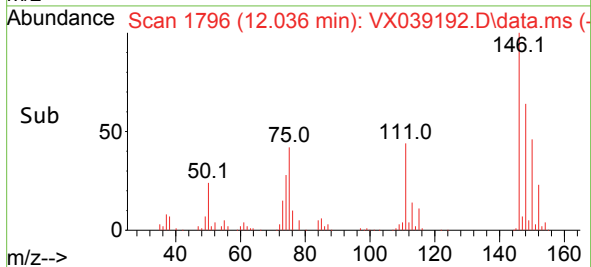
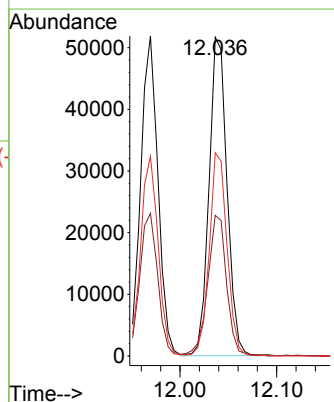
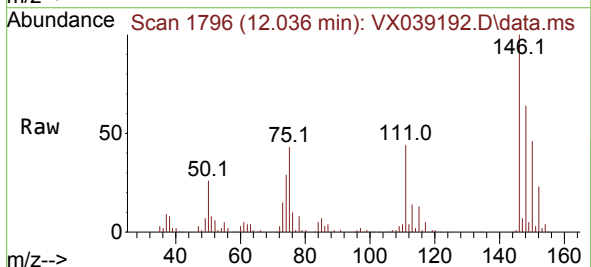
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

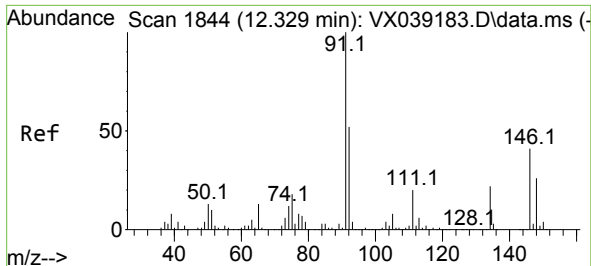
Tgt Ion:146 Resp: 64263
Ion Ratio Lower Upper
146 100
111 46.4 22.1 66.1
148 63.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.665 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX039192.D
Acq: 13 Dec 2023 16:25

Tgt Ion:146 Resp: 66663
Ion Ratio Lower Upper
146 100
111 46.3 21.3 63.7
148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 20.711 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

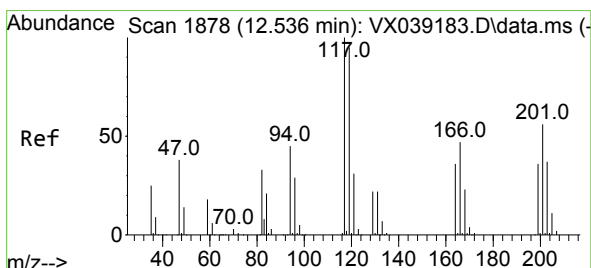
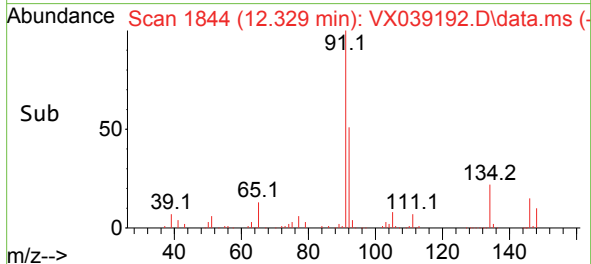
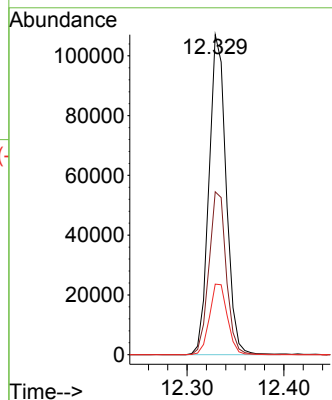
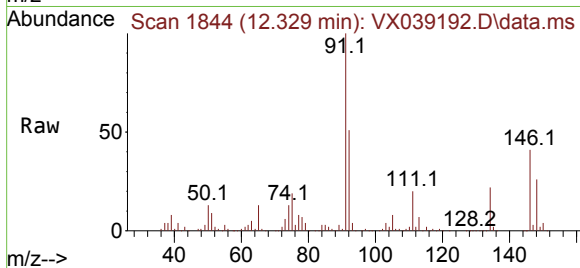
Tgt Ion: 91 Resp: 132100

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

134 23.0 12.6 37.8



#90

Hexachloroethane

Concen: 19.519 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039192.D

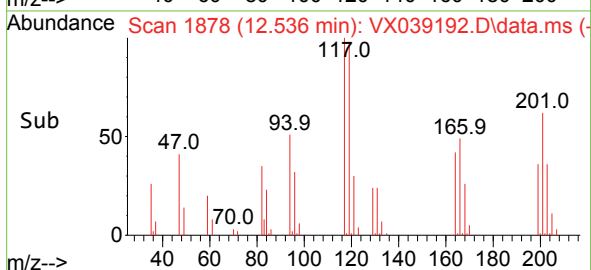
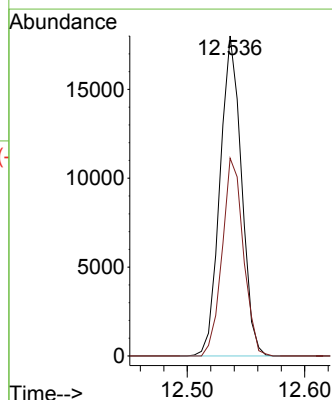
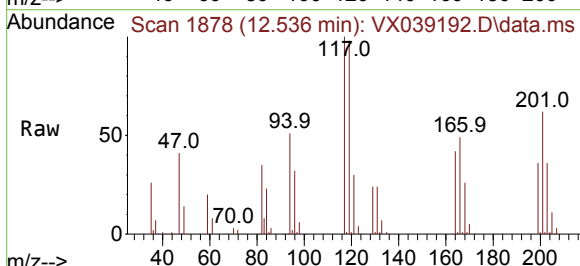
Acq: 13 Dec 2023 16:25

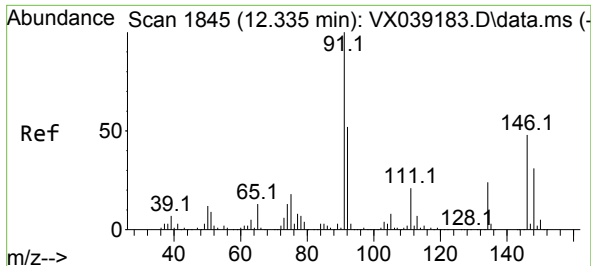
Tgt Ion: 117 Resp: 22878

Ion Ratio Lower Upper

117 100

201 61.1 32.9 98.6

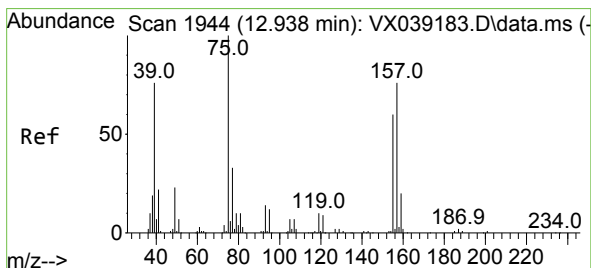
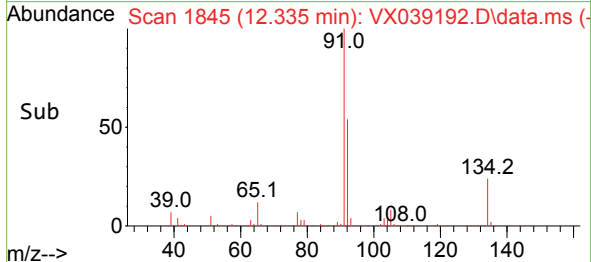
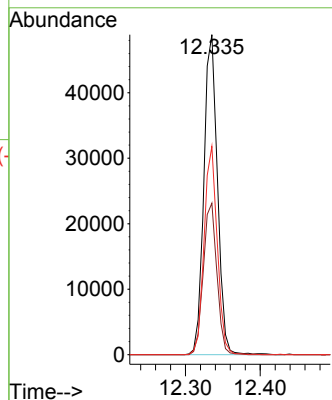
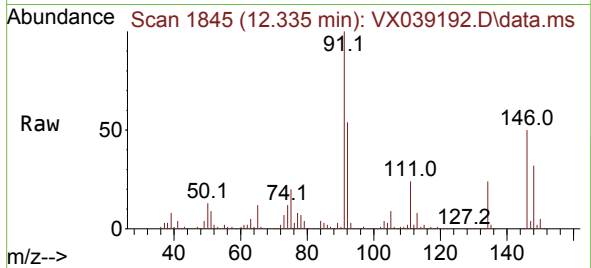




#91
 1,2-Dichlorobenzene
 Concen: 19.819 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

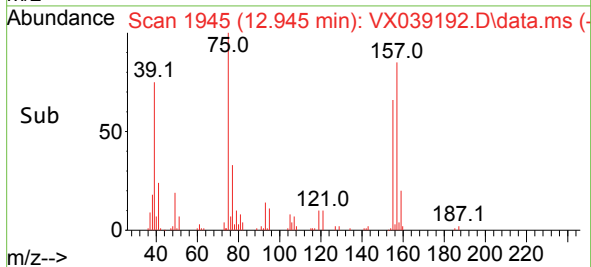
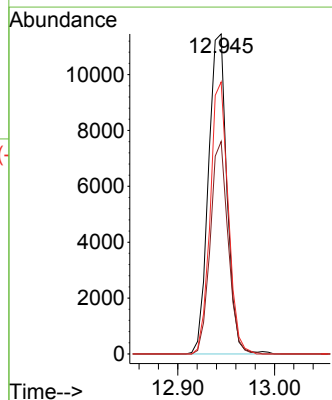
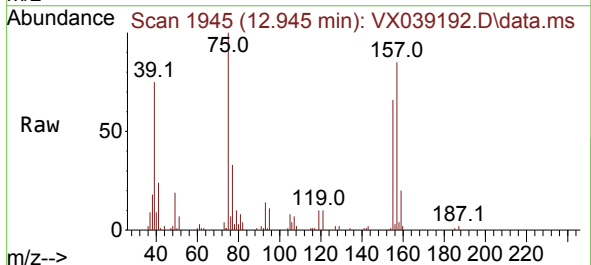
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

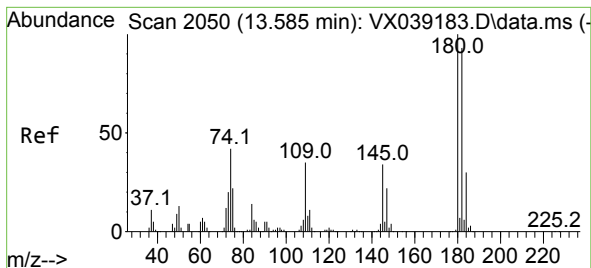
Tgt Ion:146 Resp: 61738
 Ion Ratio Lower Upper
 146 100
 111 47.4 22.4 67.0
 148 62.9 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.794 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX039192.D
 Acq: 13 Dec 2023 16:25

Tgt Ion: 75 Resp: 15269
 Ion Ratio Lower Upper
 75 100
 155 64.0 36.1 108.5
 157 82.3 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: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

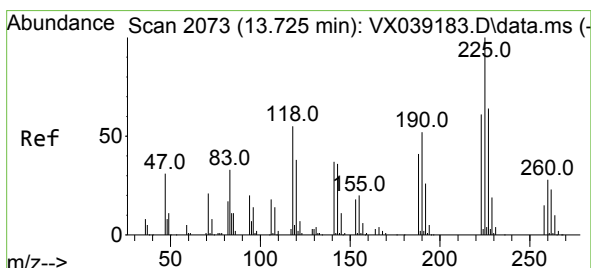
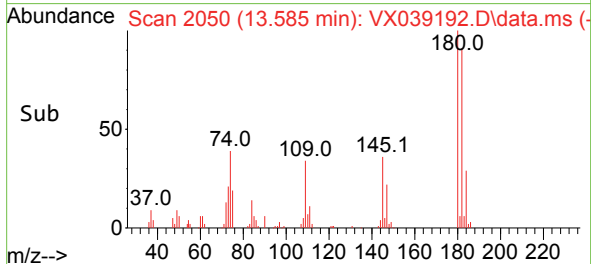
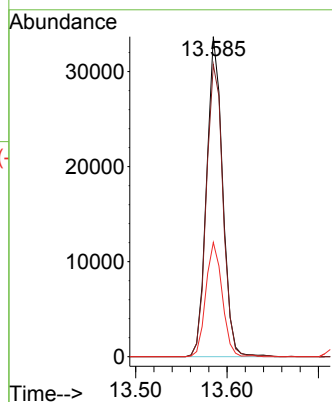
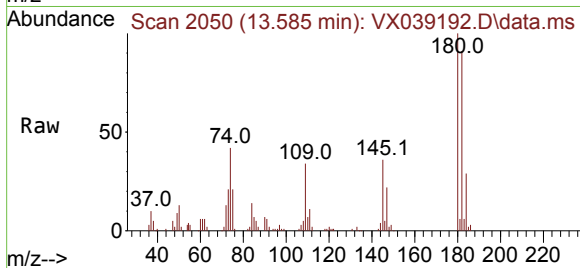
Tgt Ion:180 Resp: 40857

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 36.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 20.328 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

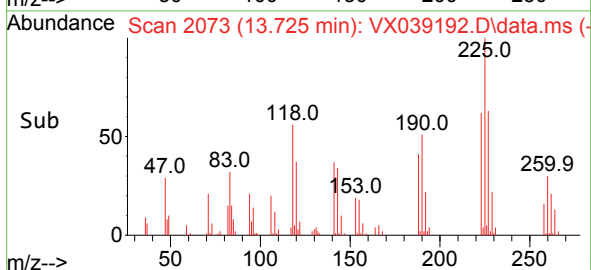
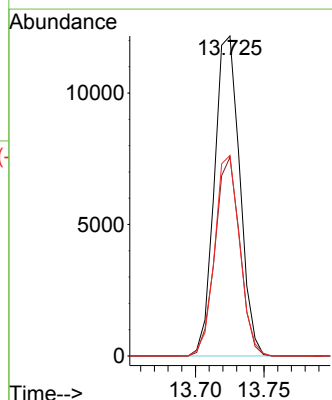
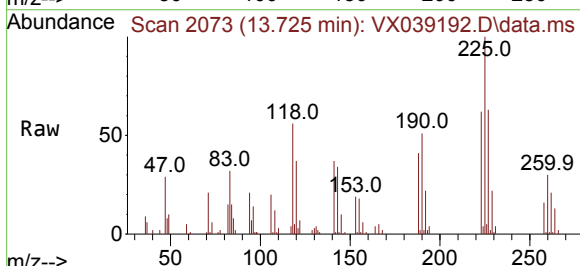
Tgt Ion:225 Resp: 15626

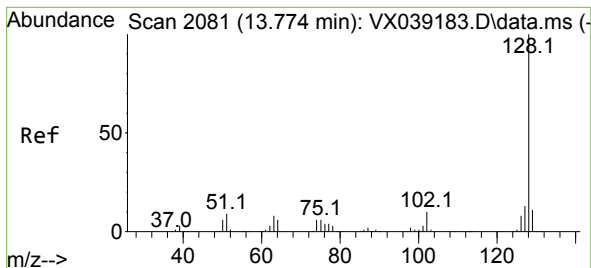
Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.2

227 61.9 32.5 97.5





#95

Naphthalene

Concen: 20.724 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

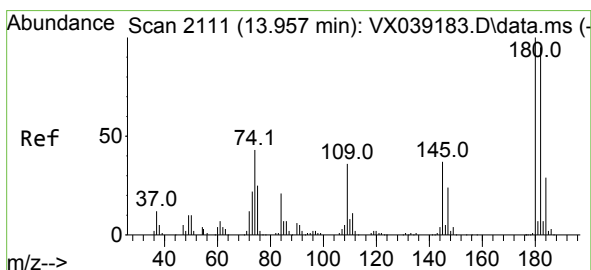
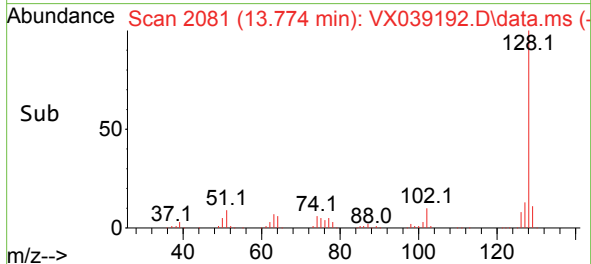
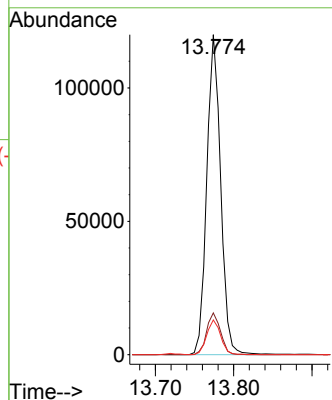
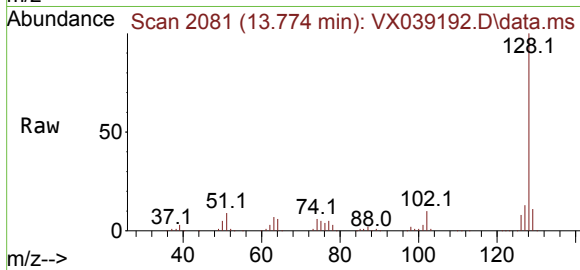
Tgt Ion:128 Resp: 147213

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.133 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039192.D

Acq: 13 Dec 2023 16:25

Tgt Ion:180 Resp: 39645

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 37.6 17.8 53.5

