

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039057.D
 Acq On : 29 Nov 2023 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 30 01:39:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	11521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90063	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	111959	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45183	28.667	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.567%
60) 4-Bromofluorobenzene	11.079	95	72142	29.501	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.333%
63) Toluene-d8	8.647	98	134200	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31755	18.415	ug/l	98
3) Chloromethane	1.294	50	35792	18.127	ug/l	99
4) Vinyl Chloride	1.374	62	37170	18.647	ug/l	98
5) Bromomethane	1.611	94	25550	20.957	ug/l	99
6) Chloroethane	1.691	64	22411	19.307	ug/l	97
7) Trichlorofluoromethane	1.892	101	53216	19.343	ug/l	99
8) Diethyl Ether	2.130	74	20940	19.828	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	31622	20.340	ug/l	98
10) 1,1-Dichloroethene	2.319	96	31913	20.364	ug/l	95
11) Methyl Iodide	2.453	142	34838	20.287	ug/l	96
12) Methyl Acetate	2.697	43	94047	19.242	ug/l	99
13) Acrolein	2.233	56	42374	98.965	ug/l	100
14) Acrylonitrile	3.056	53	116805	97.710	ug/l	98
15) Acetone	2.367	58	38569	88.761	ug/l	99
16) Carbon Disulfide	2.514	76	90297	19.025	ug/l	95
17) Allyl chloride	2.660	41	61708	19.836	ug/l	98
18) Methylene Chloride	2.788	84	37692	20.291	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	35745	20.168	ug/l	94
20) Diisopropyl ether	3.751	45	119894	20.252	ug/l	99
21) 1,1-Dichloroethane	3.605	63	65447	19.883	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	41136	20.027	ug/l	98
23) tert-Butyl Alcohol	2.941	59	51731	78.169	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	113635	19.684	ug/l	98
25) Chloroform	5.086	83	65312	19.769	ug/l	91
26) Cyclohexane	5.458	56	59038	19.817	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	50522	20.011	ug/l	99
30) 2-Butanone	4.544	43	174988	92.057	ug/l	100
31) 2,2-Dichloropropane	4.471	77	56903	19.712	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57397	19.669	ug/l	97
33) Carbon Tetrachloride	5.666	117	47716	19.412	ug/l	99
34) Benzene	6.031	78	145799	19.824	ug/l	97
35) Methacrylonitrile	4.904	41	32340	19.207	ug/l	98
36) 1,2-Dichloroethane	6.080	62	52257	19.364	ug/l	100
37) Trichloroethene	7.117	130	36466	19.535	ug/l	97
38) Methylcyclohexane	7.373	83	61937	19.689	ug/l	98
39) 1,2-Dichloropropane	7.421	63	38892	20.051	ug/l	99
40) Dibromomethane	7.574	93	27087	19.765	ug/l	100
41) Bromodichloromethane	7.818	83	51798	19.674	ug/l	99
42) Vinyl Acetate	3.715	43	454787	100.451	ug/l	100

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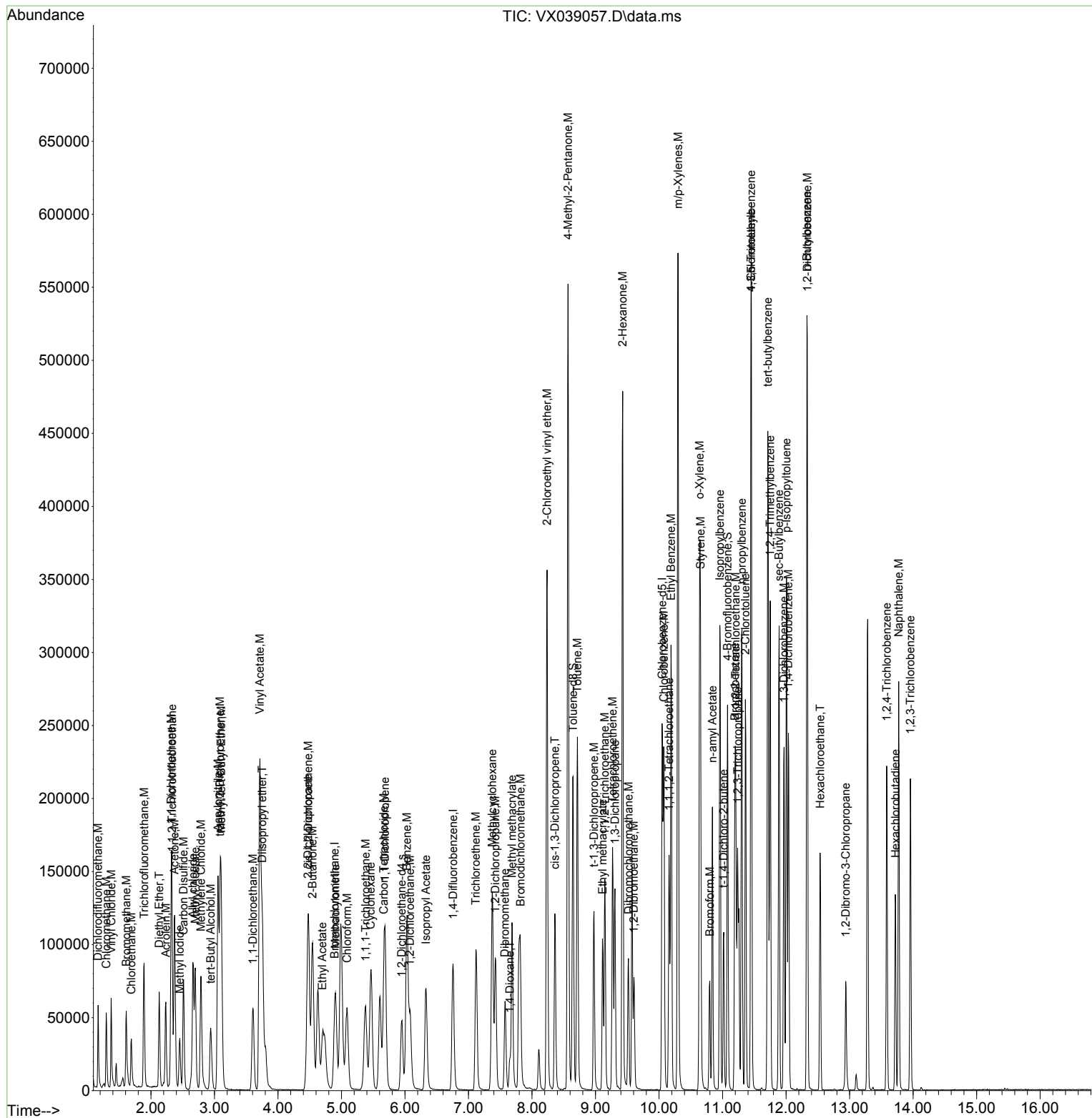
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.696	43	61447	18.790	ug/l	100
44) Isopropyl Acetate	6.330	43	98596	19.125	ug/l	100
45) 1,4-Dioxane	7.653	88	15706	298.434	ug/l	95
46) Methyl methacrylate	7.684	41	56295	19.099	ug/l	97
47) n-amyl Acetate	10.842	43	82142	18.825	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	58105	19.033	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	62565	19.866	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	37348	20.061	ug/l	98
51) Ethyl methacrylate	9.110	69	46291	19.864	ug/l	98
52) 1,3-Dichloropropane	9.305	76	64434	20.185	ug/l	99
53) Dibromochloromethane	9.519	129	38105	19.059	ug/l	99
54) 1,2-Dibromoethane	9.604	107	39839	19.514	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	144308	97.696	ug/l	99
56) Bromoform	10.799	173	25980	18.004	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	327489	96.458	ug/l	99
59) 2-Hexanone	9.427	43	261892	93.974	ug/l	100
61) Tetrachloroethene	9.269	164	29091	19.985	ug/l	97
62) Toluene	8.714	91	159068	20.012	ug/l	99
64) Chlorobenzene	10.073	112	96230	19.903	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	34010	19.531	ug/l	99
66) Ethyl Benzene	10.189	91	180495	19.942	ug/l	99
67) m/p-Xylenes	10.299	106	132655	39.663	ug/l	99
68) o-Xylene	10.640	106	63318	19.544	ug/l	100
69) Styrene	10.653	104	93757	19.554	ug/l	99
70) Isopropylbenzene	10.957	105	172355	19.884	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	62535	19.325	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	73667	26.903	ug/l	89
73) Bromobenzene	11.195	156	38146	19.329	ug/l	98
74) n-propylbenzene	11.305	91	211768	19.940	ug/l	100
75) 2-Chlorotoluene	11.360	91	122684	19.690	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	146461	19.613	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19429	17.907	ug/l	98
78) 4-Chlorotoluene	11.451	91	143348	19.568	ug/l	97
79) tert-butylbenzene	11.713	119	139157	19.597	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	144902	19.388	ug/l	99
81) sec-Butylbenzene	11.890	105	176225	19.632	ug/l	99
82) p-Isopropyltoluene	12.006	119	150310	19.757	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	73442	19.446	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	74179	19.142	ug/l	99
85) n-Butylbenzene	12.329	91	146180	19.457	ug/l	98
86) Hexachloroethane	12.536	117	26607	18.458	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	70459	19.401	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14988	18.110	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	46841	19.453	ug/l	98
90) Hexachlorobutadiene	13.725	225	16904	19.661	ug/l	99
91) Naphthalene	13.774	128	164239	18.495	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	45780	19.629	ug/l	98

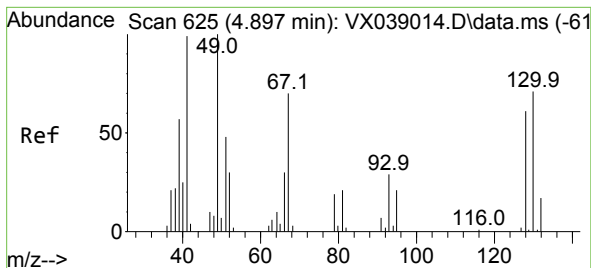
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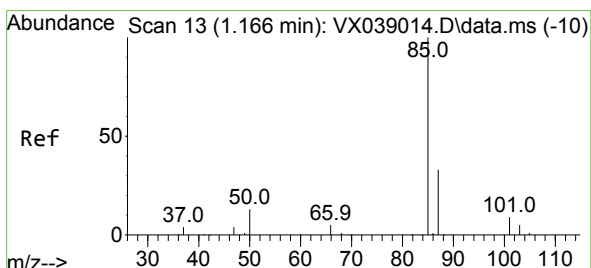
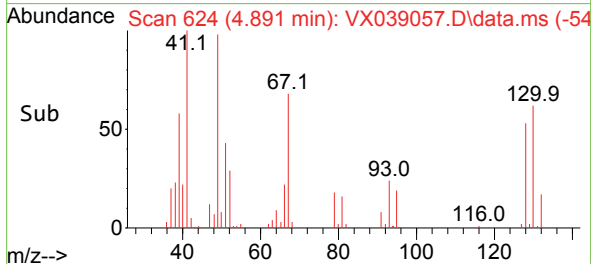
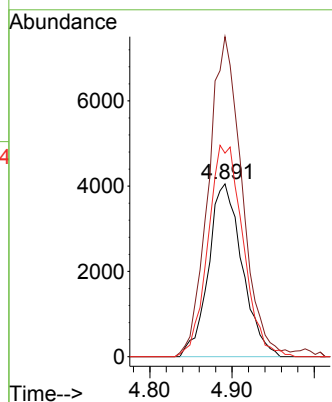
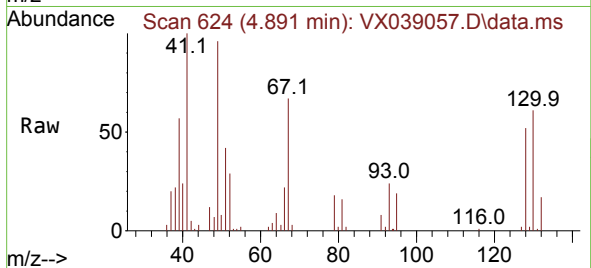




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
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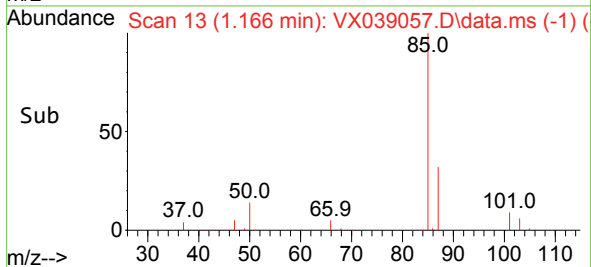
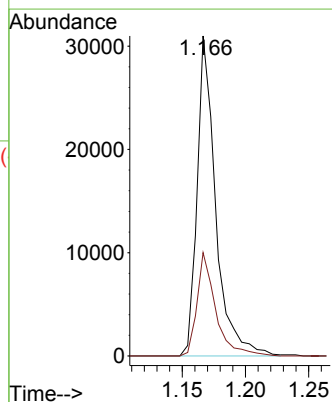
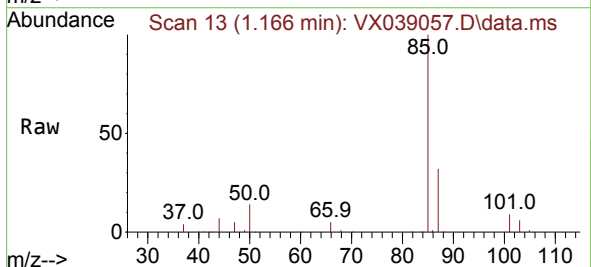
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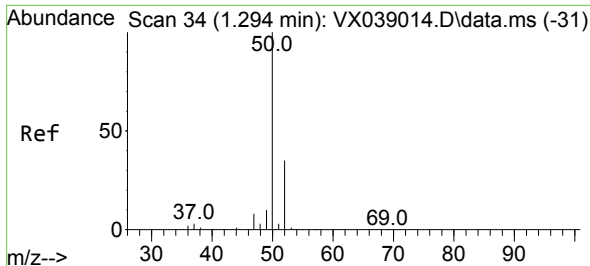
Tgt Ion:128 Resp: 11521
Ion Ratio Lower Upper
128 100
49 185.3 0.0 444.0
130 128.0 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 18.415 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 85 Resp: 31755
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1

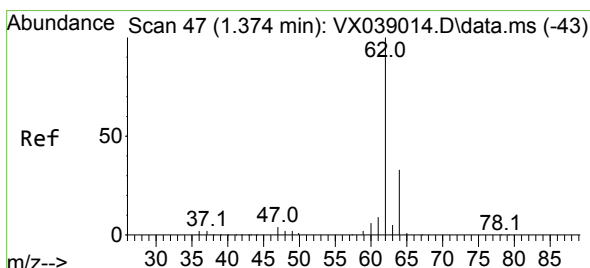
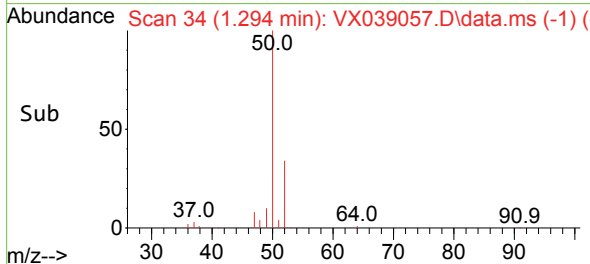
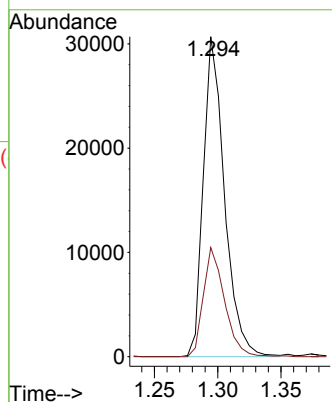
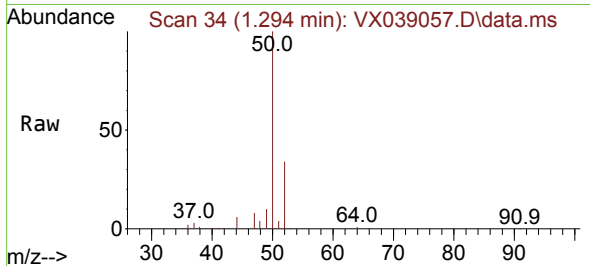




#3
Chloromethane
Concen: 18.127 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

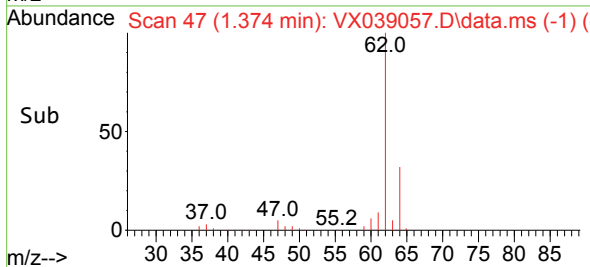
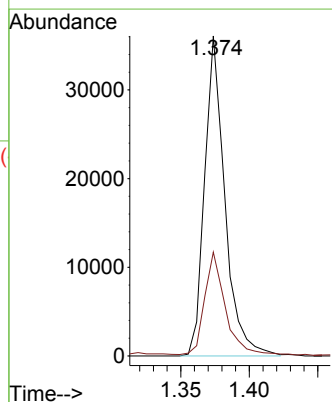
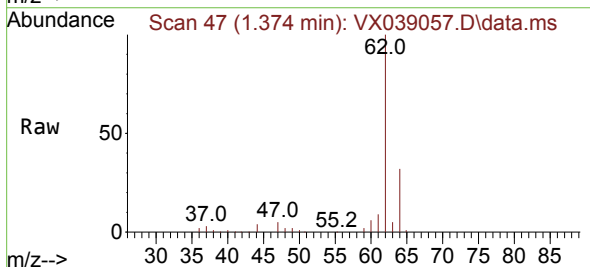
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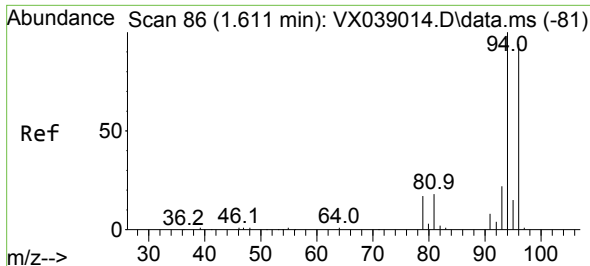
Tgt Ion: 50 Resp: 35792
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8



#4
Vinyl Chloride
Concen: 18.647 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 62 Resp: 37170
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5

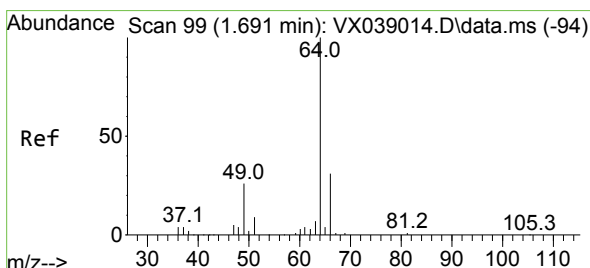
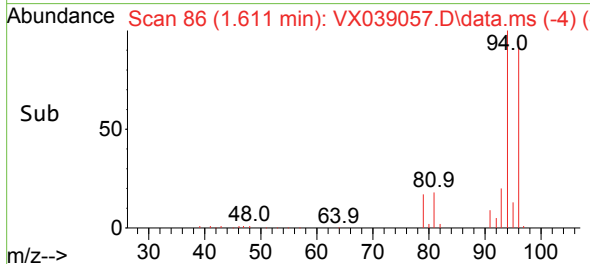
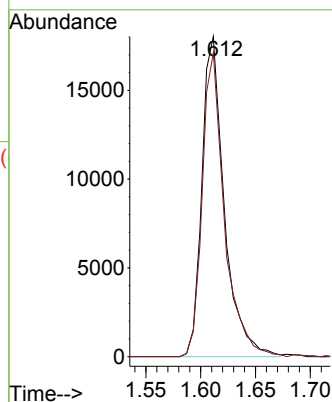
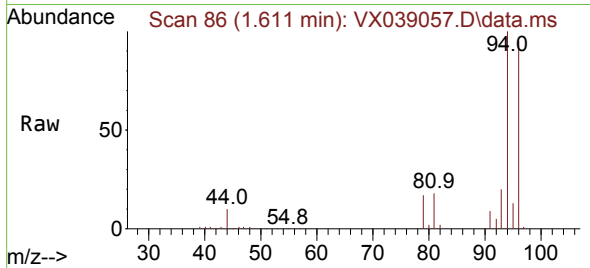




#5
Bromomethane
Concen: 20.957 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039057.D
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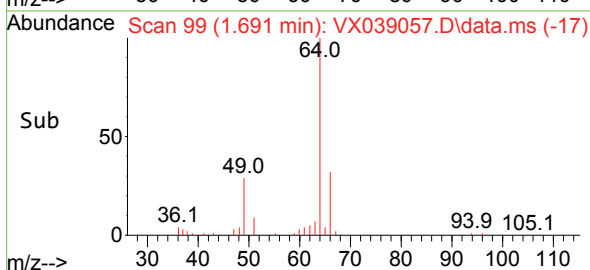
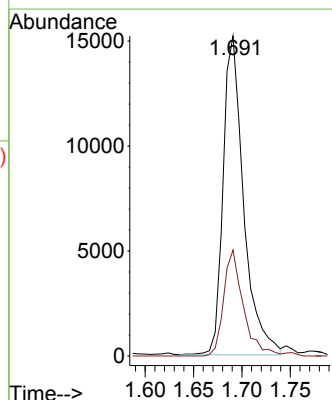
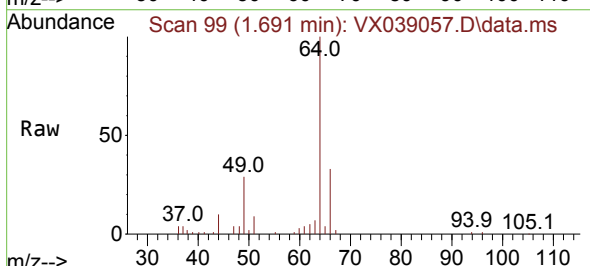
Instrument :
MSVOA_X
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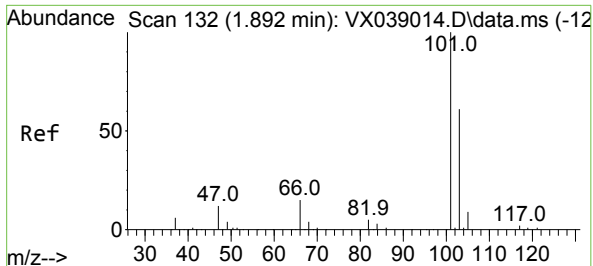
Tgt Ion: 94 Resp: 25550
Ion Ratio Lower Upper
94 100
96 94.9 74.9 112.3



#6
Chloroethane
Concen: 19.307 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039057.D
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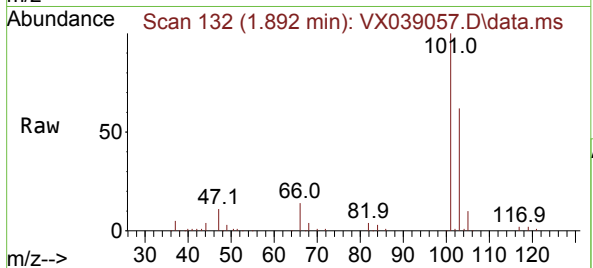
Tgt Ion: 64 Resp: 22411
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.6



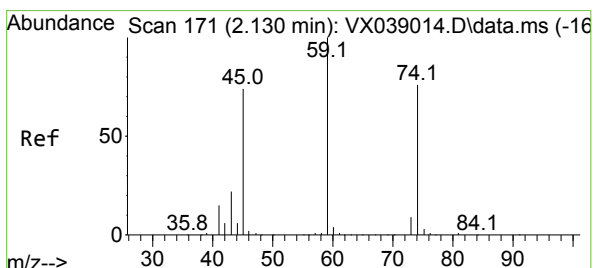
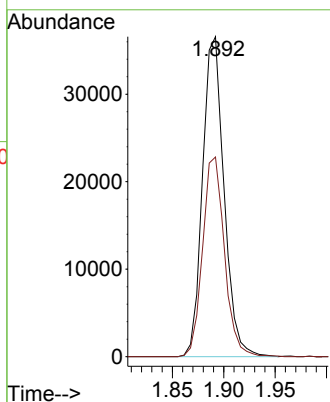
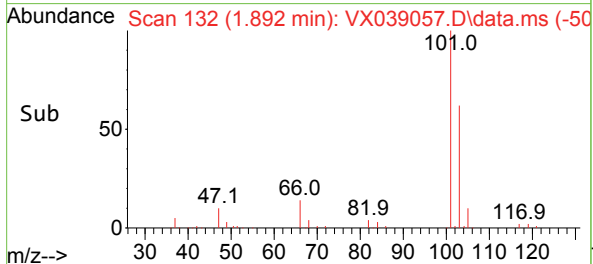


#7
 Trichlorofluoromethane
 Concen: 19.343 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
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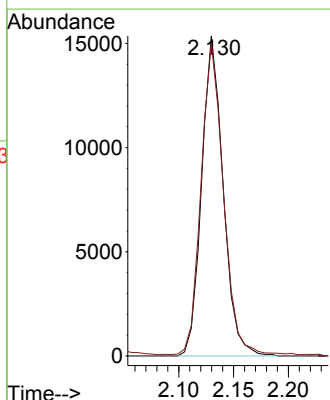
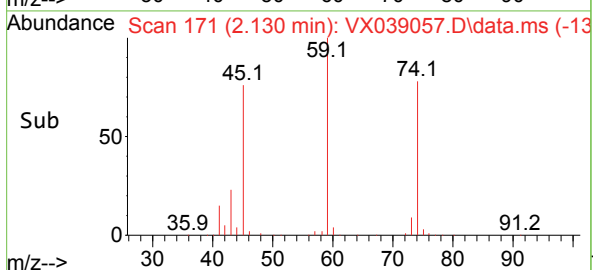
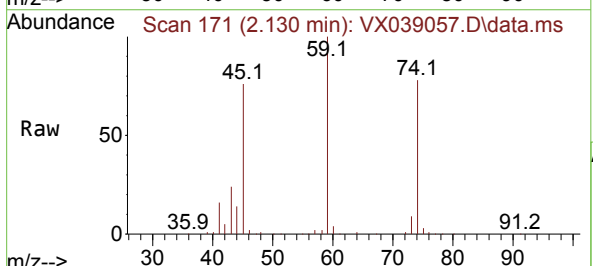


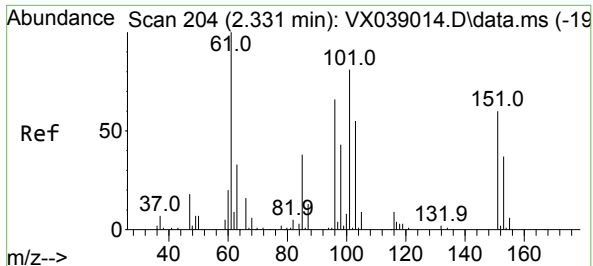
Tgt Ion:101 Resp: 53216
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.1 73.7



#8
 Diethyl Ether
 Concen: 19.828 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

Tgt Ion: 74 Resp: 20940
 Ion Ratio Lower Upper
 74 100
 45 102.1 20.5 184.5

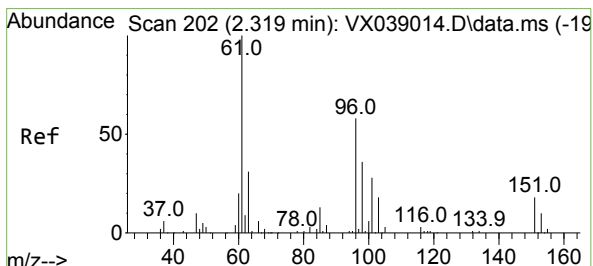
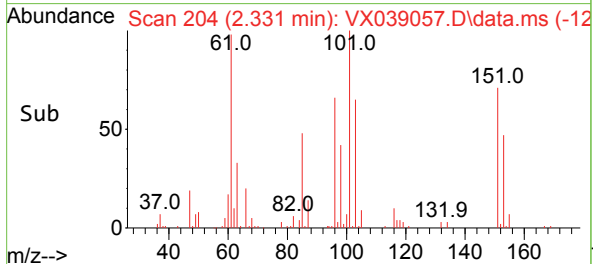
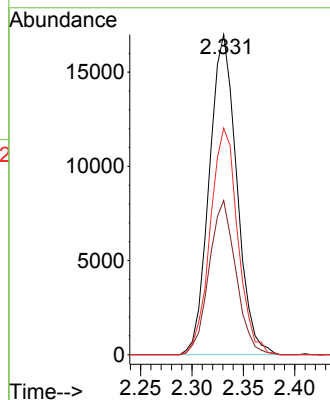
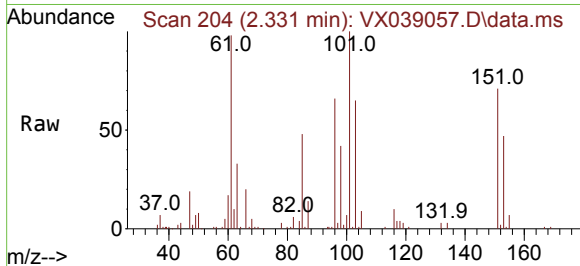




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.340 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
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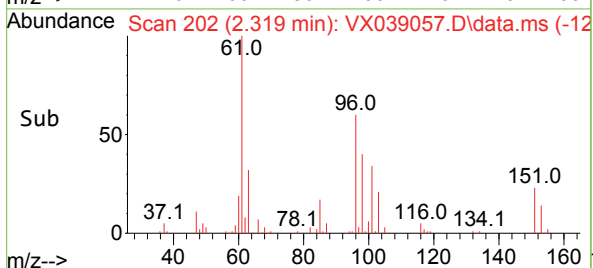
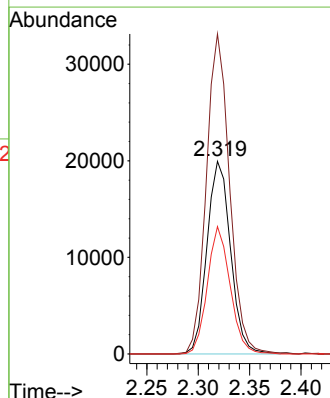
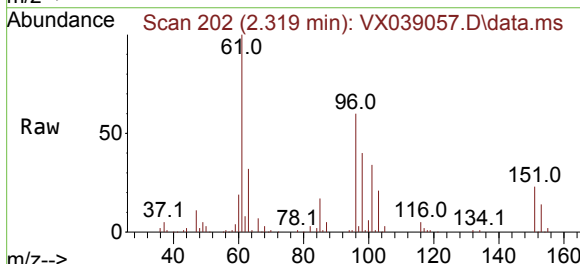
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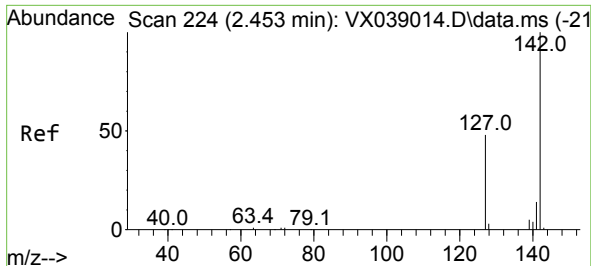
Tgt Ion:101 Resp: 31622
 Ion Ratio Lower Upper
 101 100
 85 47.1 0.0 95.2
 151 71.0 0.0 136.8



#10
 1,1-Dichloroethene
 Concen: 20.364 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

Tgt Ion: 96 Resp: 31913
 Ion Ratio Lower Upper
 96 100
 61 165.7 138.3 207.5
 98 66.1 49.8 74.6





#11

Methyl Iodide

Concen: 20.287 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

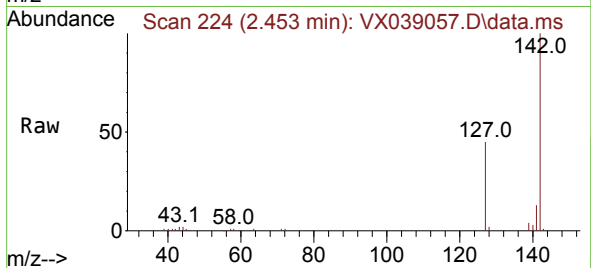
Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :



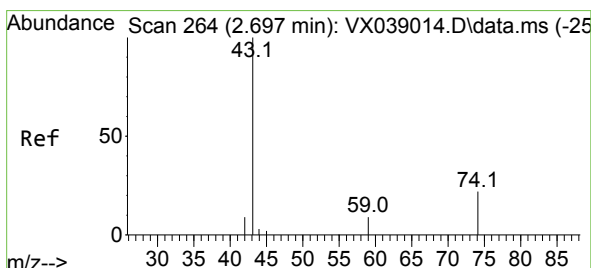
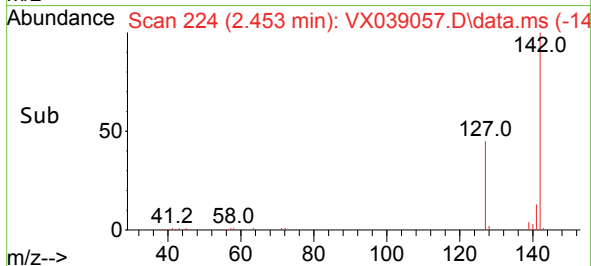
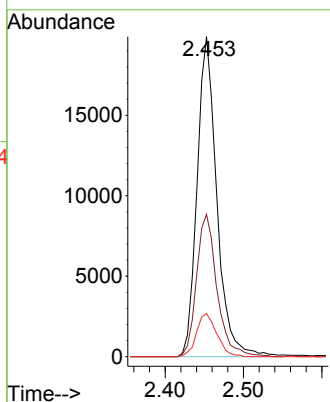
Tgt Ion:142 Resp: 34838

Ion Ratio Lower Upper

142 100

127 44.6 23.8 71.4

141 13.5 6.9 20.6



#12

Methyl Acetate

Concen: 19.242 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX039057.D

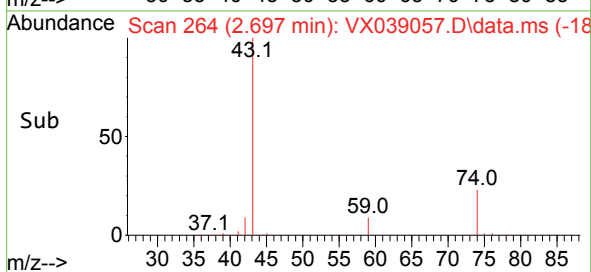
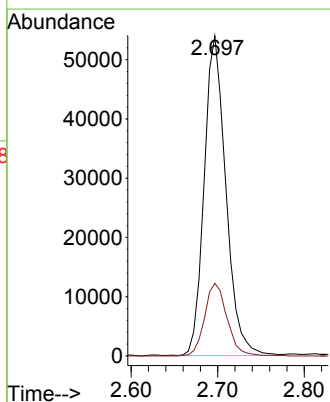
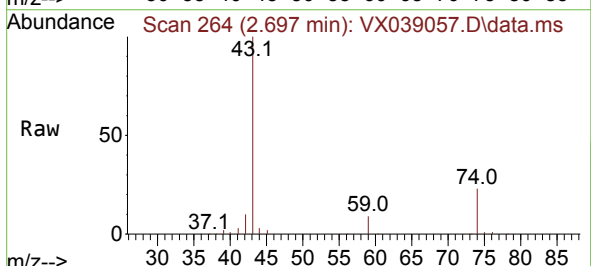
Acq: 29 Nov 2023 16:31

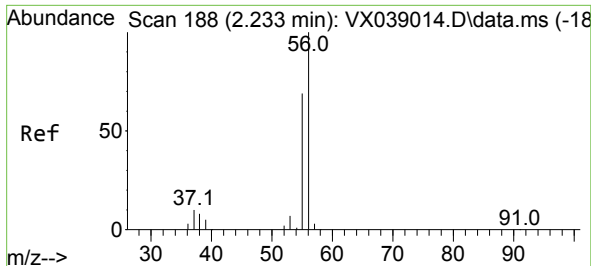
Tgt Ion: 43 Resp: 94047

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.6





#13

Acrolein

Concen: 98.965 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

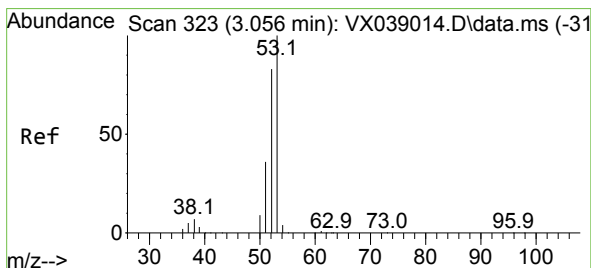
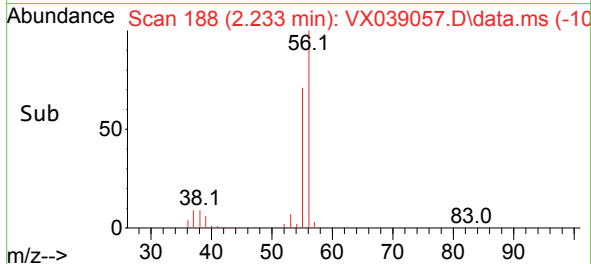
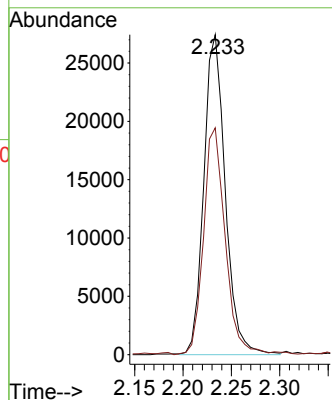
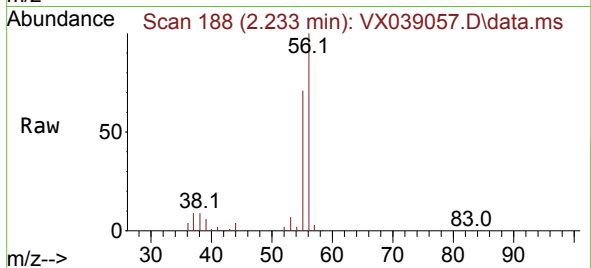
ClientSampleId :

Tgt Ion: 56 Resp: 42374

Ion Ratio Lower Upper

56 100

55 71.4 57.2 85.8



#14

Acrylonitrile

Concen: 97.710 ug/l

RT: 3.056 min Scan# 323

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

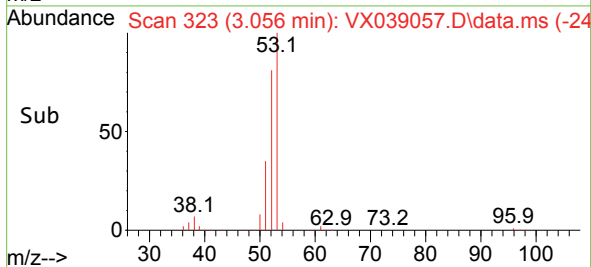
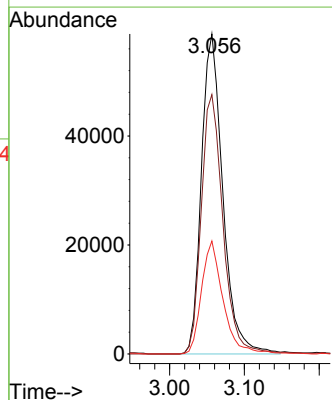
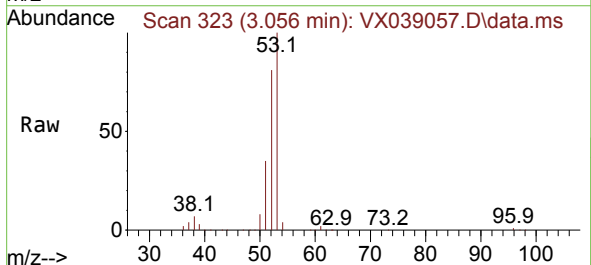
Tgt Ion: 53 Resp: 116805

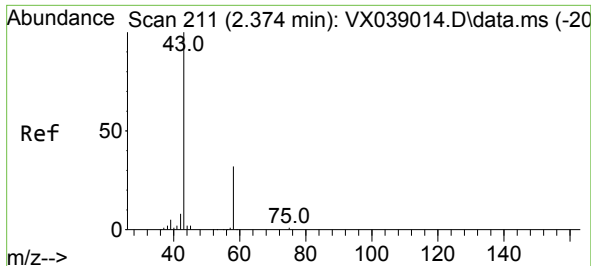
Ion Ratio Lower Upper

53 100

52 81.9 41.9 125.6

51 35.1 18.3 54.9

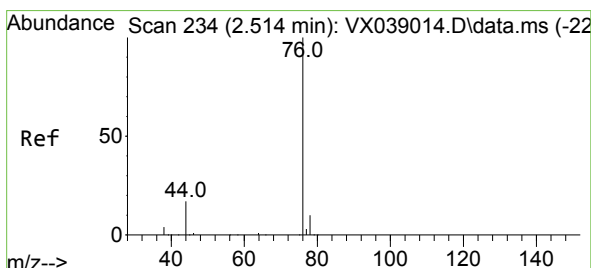
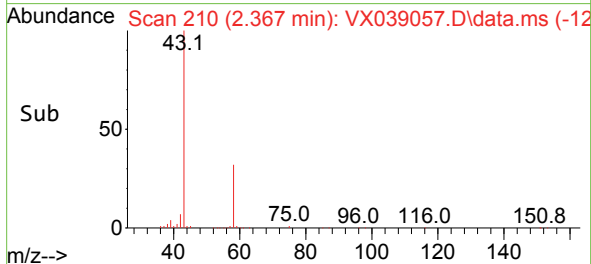
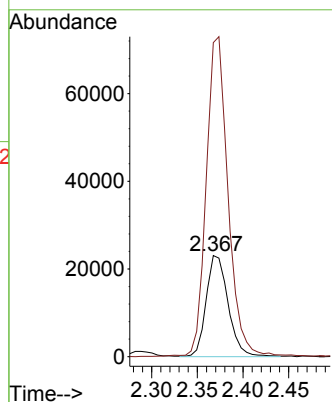
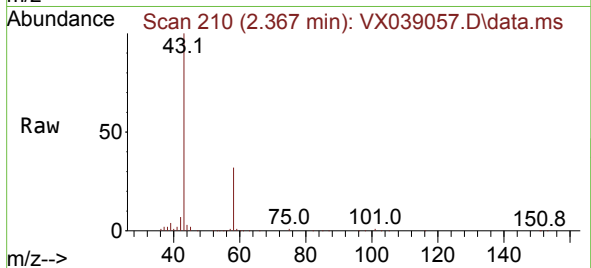




#15
Acetone
Concen: 88.761 ug/l
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

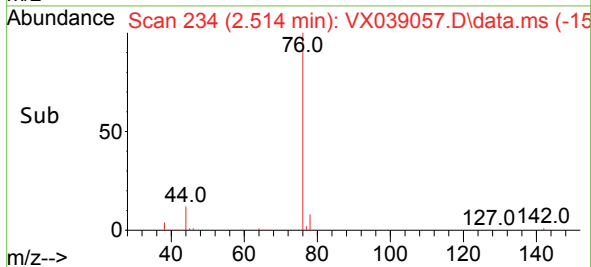
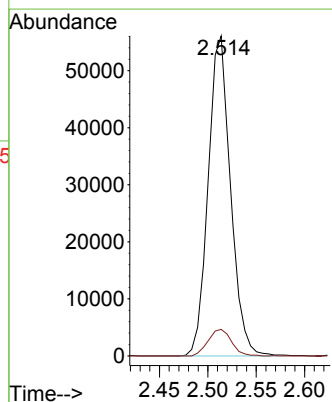
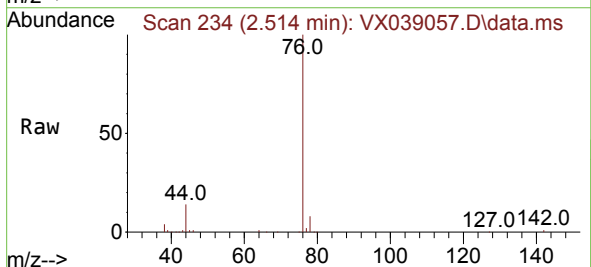
Instrument :
MSVOA_X
ClientSampleId :

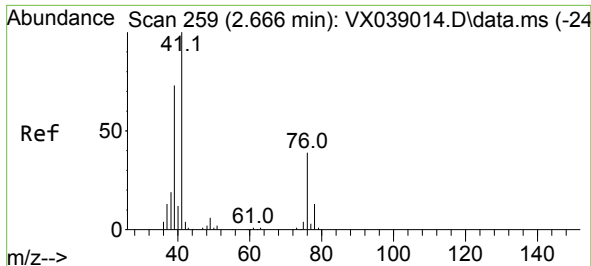
Tgt Ion: 58 Resp: 38569
Ion Ratio Lower Upper
58 100
43 310.7 249.9 374.9



#16
Carbon Disulfide
Concen: 19.025 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

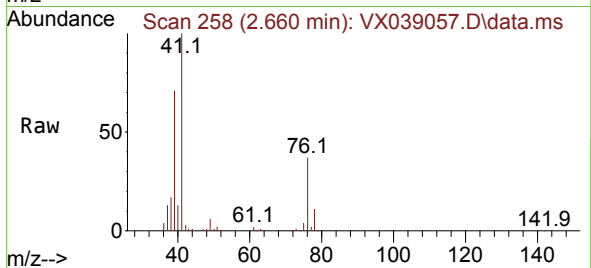
Tgt Ion: 76 Resp: 90297
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



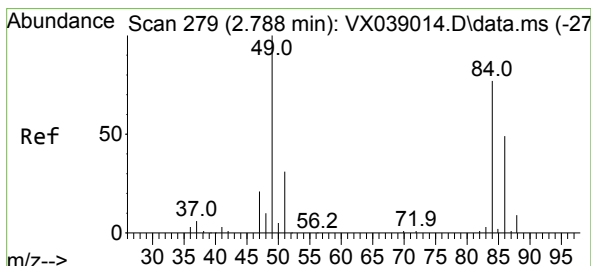
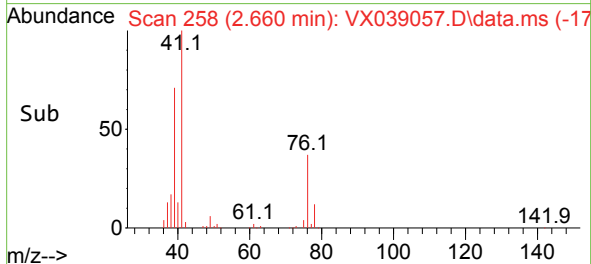
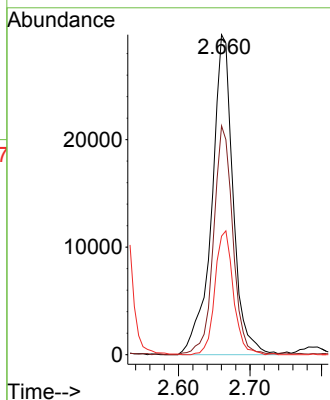


#17
 Allyl chloride
 Concen: 19.836 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

Instrument :
 MSVOA_X
 ClientSampleId :

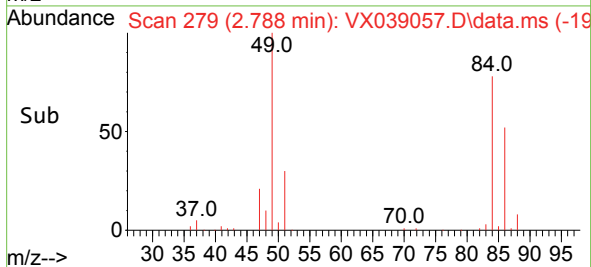
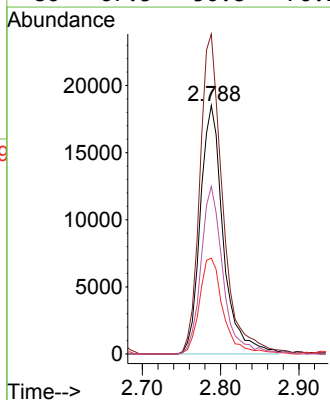
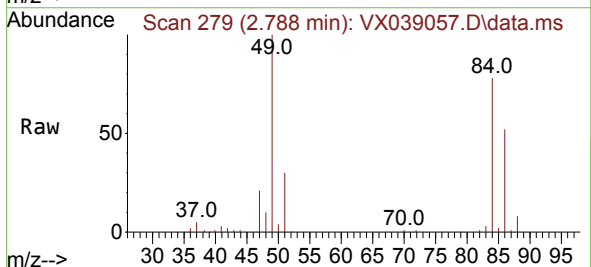


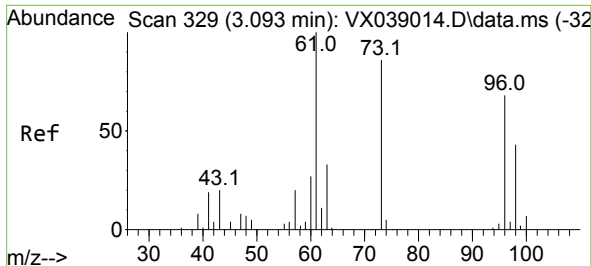
Tgt Ion: 41 Resp: 61708
 Ion Ratio Lower Upper
 41 100
 39 71.5 36.5 109.5
 76 37.0 19.7 59.0



#18
 Methylene Chloride
 Concen: 20.291 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

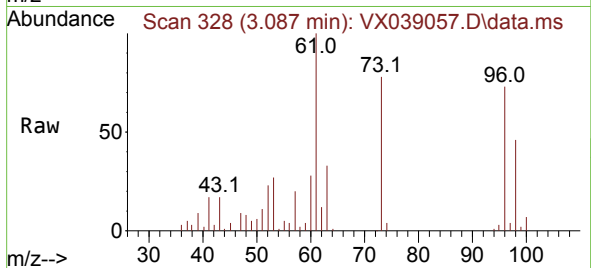
Tgt Ion: 84 Resp: 37692
 Ion Ratio Lower Upper
 84 100
 49 128.8 103.8 155.8
 51 38.6 31.8 47.6
 86 67.5 50.8 76.2



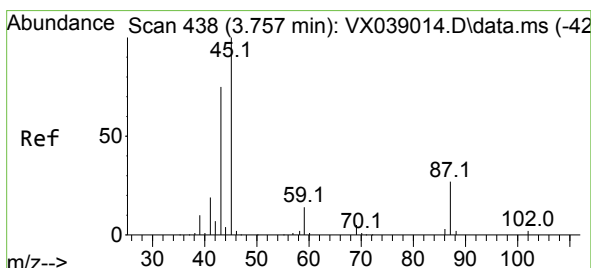
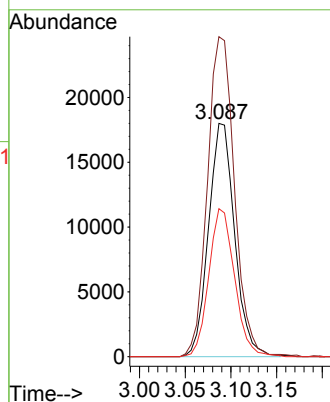
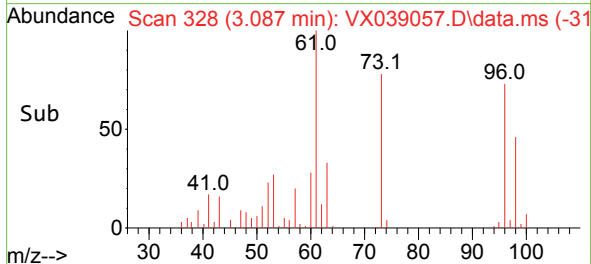


#19
trans-1,2-Dichloroethene
Concen: 20.168 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

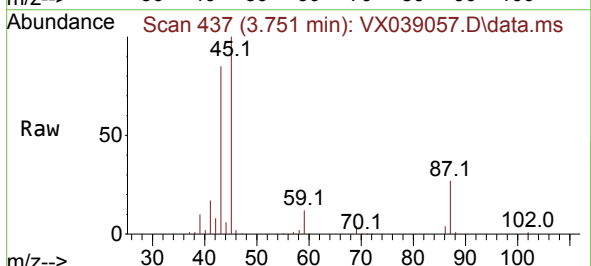
Instrument :
MSVOA_X
ClientSampleId :



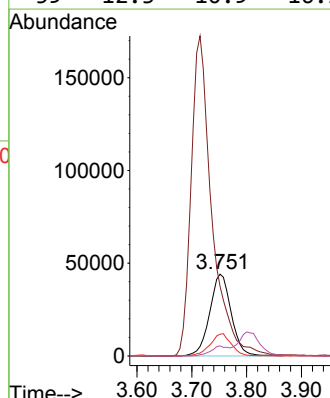
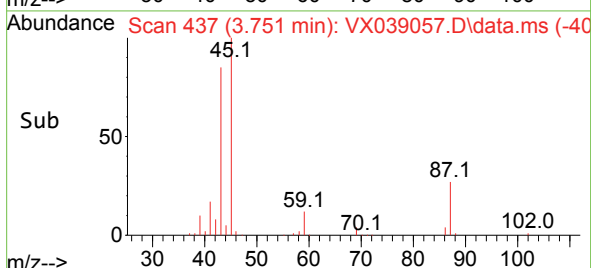
Tgt Ion: 96 Resp: 35745
Ion Ratio Lower Upper
96 100
61 137.2 117.9 176.9
98 63.4 51.0 76.6

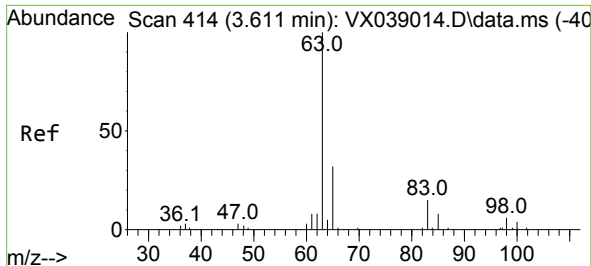


#20
Diisopropyl ether
Concen: 20.252 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31



Tgt Ion: 45 Resp: 119894
Ion Ratio Lower Upper
45 100
43 83.8 67.7 101.5
87 26.7 21.5 32.3
59 12.3 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.883 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039057.D

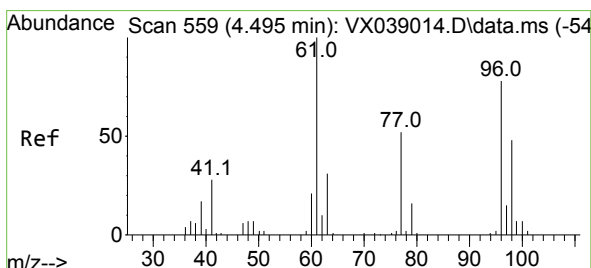
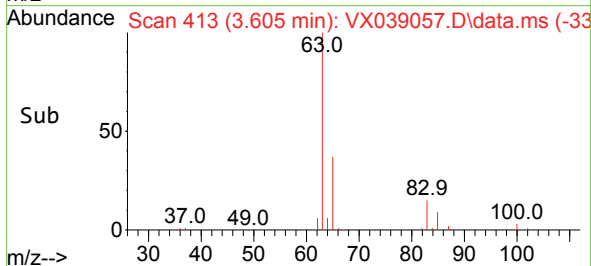
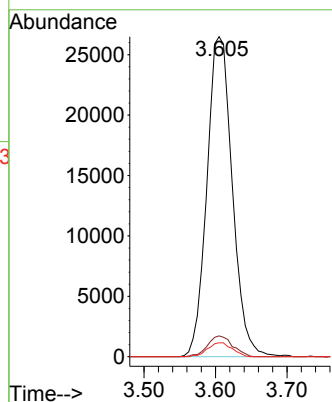
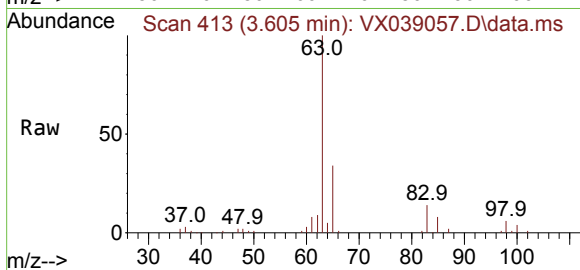
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	65447
Ion Ratio	Lower	Upper	
63	100		
98	6.5	2.9	8.8
100	4.4	2.0	5.8



#22

cis-1,2-Dichloroethene

Concen: 20.027 ug/l

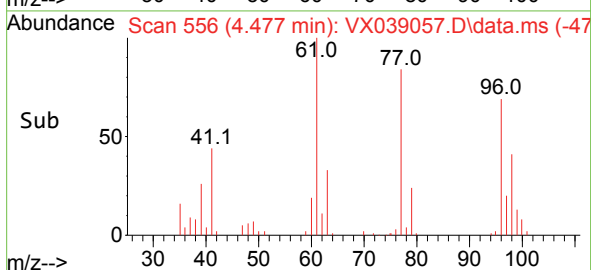
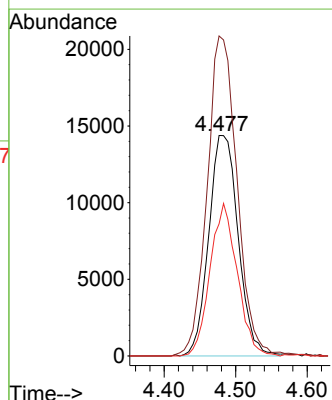
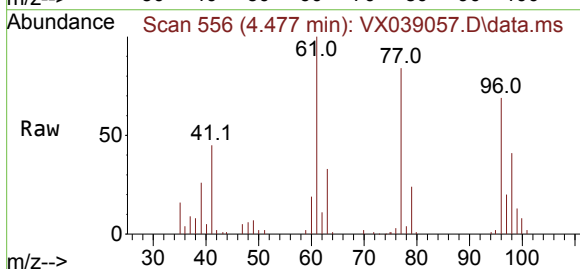
RT: 4.477 min Scan# 556

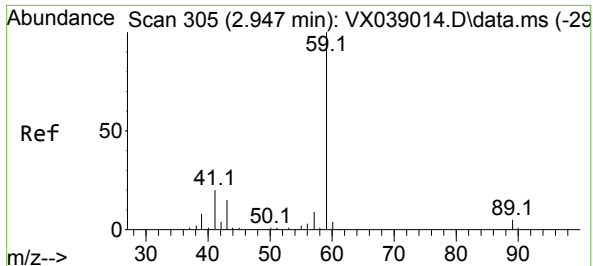
Delta R.T. -0.018 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:	96	Resp:	41136
Ion Ratio	Lower	Upper	
96	100		
61	146.6	119.8	179.6
98	63.9	50.9	76.3

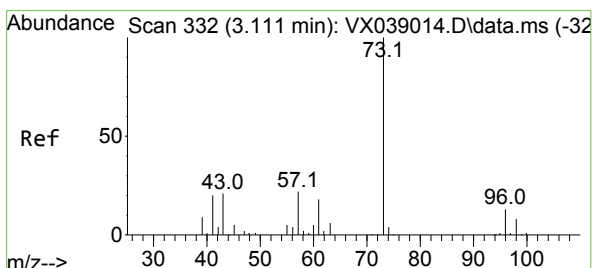
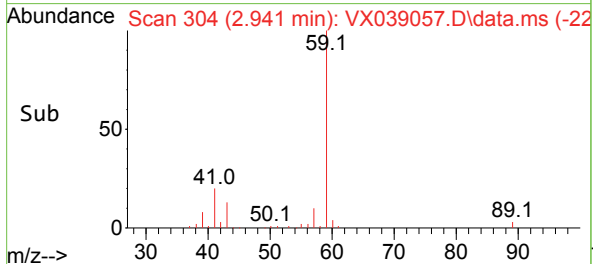
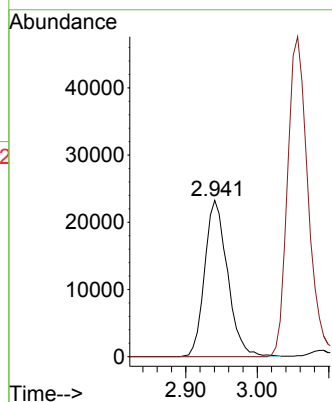
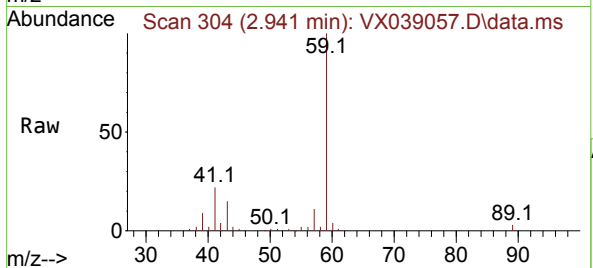




#23
tert-Butyl Alcohol
Concen: 78.169 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

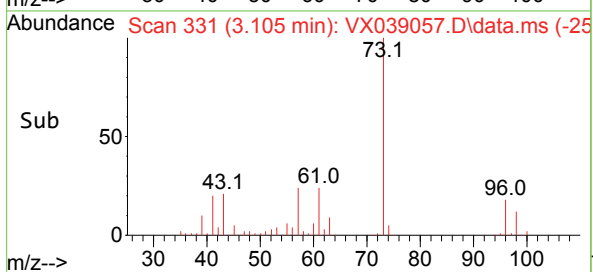
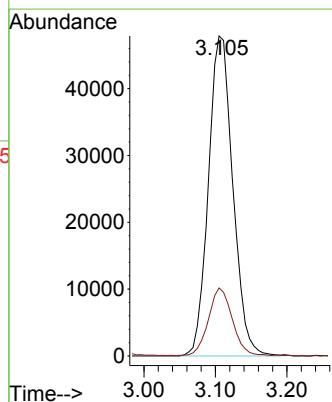
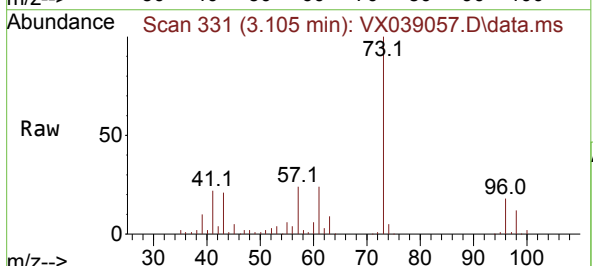
Instrument :
MSVOA_X
ClientSampleId :

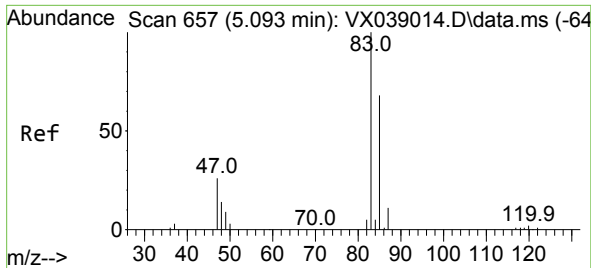
Tgt Ion: 59 Resp: 51731
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.684 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 73 Resp: 113635
Ion Ratio Lower Upper
73 100
43 20.5 17.0 25.6

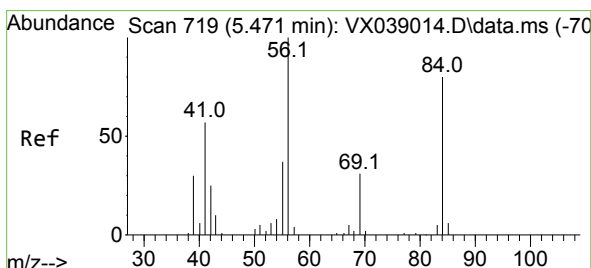
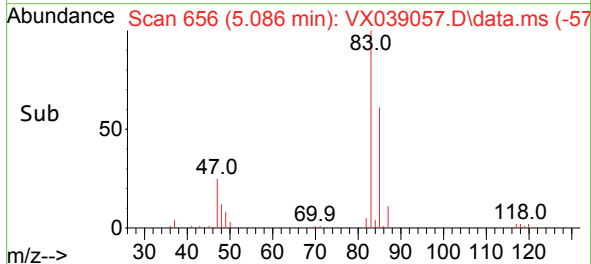
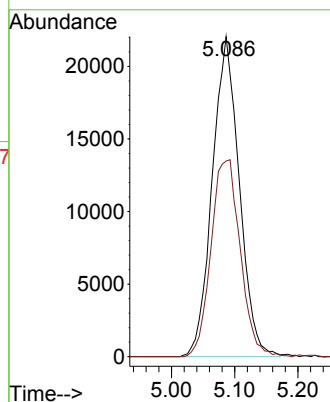
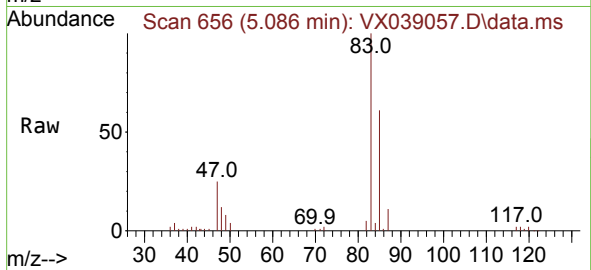




#25
Chloroform
Concen: 19.769 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

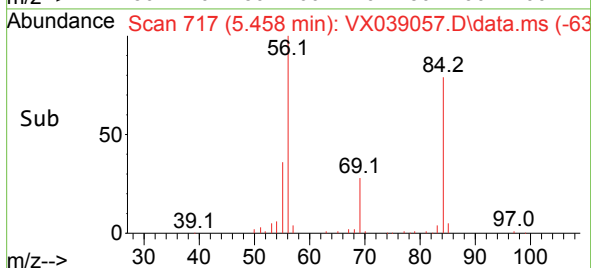
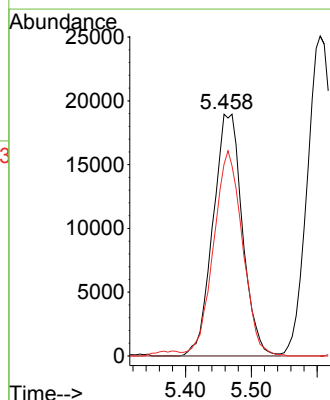
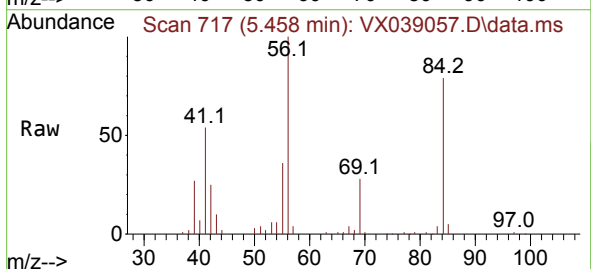
Instrument :
MSVOA_X
ClientSampleId :

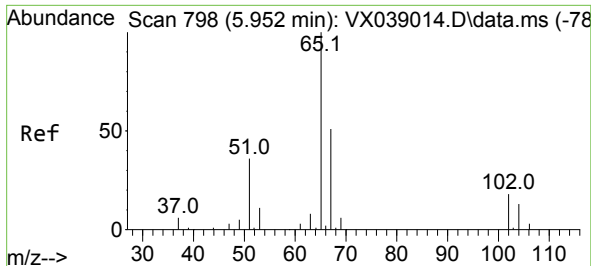
Tgt Ion: 83 Resp: 65312
Ion Ratio Lower Upper
83 100
85 61.1 54.6 81.8



#26
Cyclohexane
Concen: 19.817 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 56 Resp: 59038
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.6 67.2 100.8

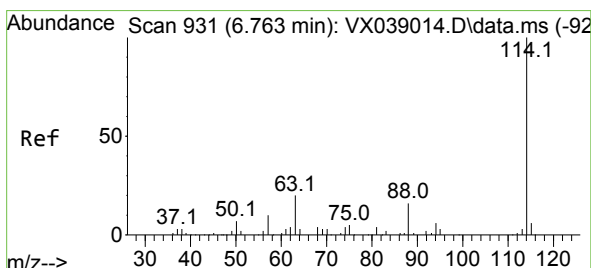
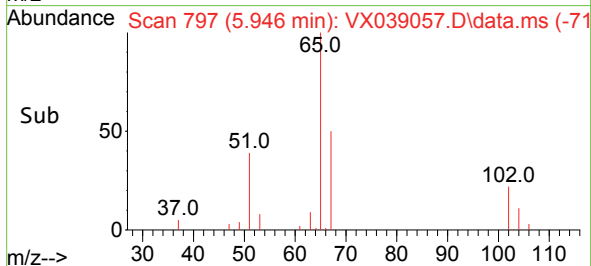
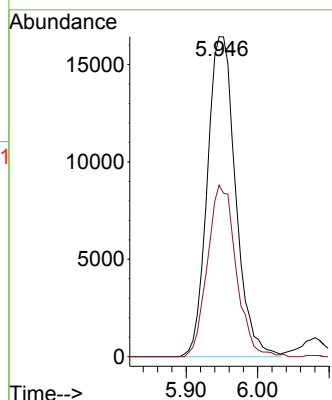
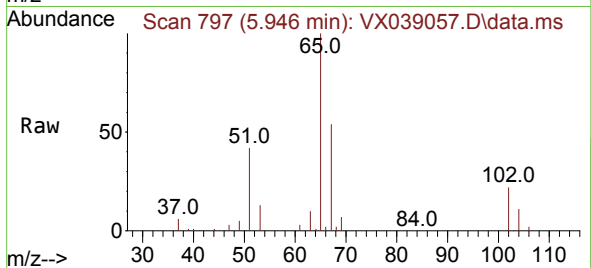




#27
1,2-Dichloroethane-d4
Concen: 28.667 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

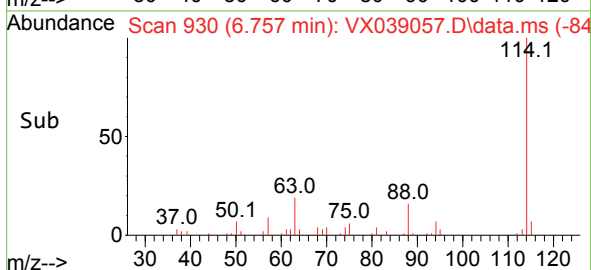
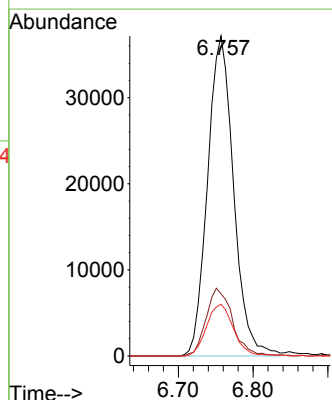
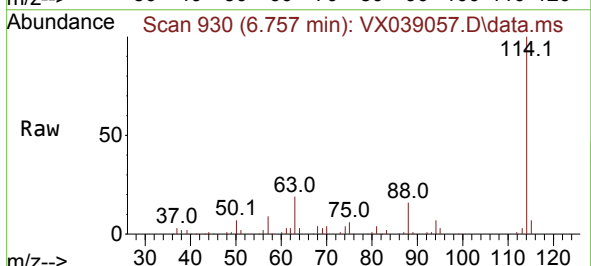
Instrument :
MSVOA_X
ClientSampleId :

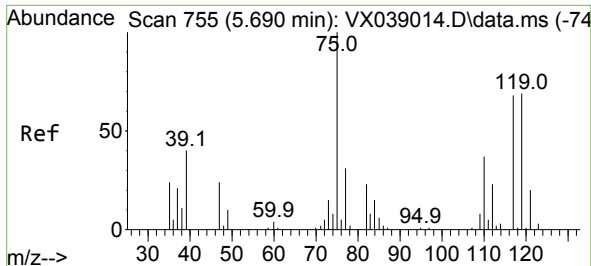
Tgt Ion: 65 Resp: 45183
Ion Ratio Lower Upper
65 100
67 53.8 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 114 Resp: 90063
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 16.6 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.011 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

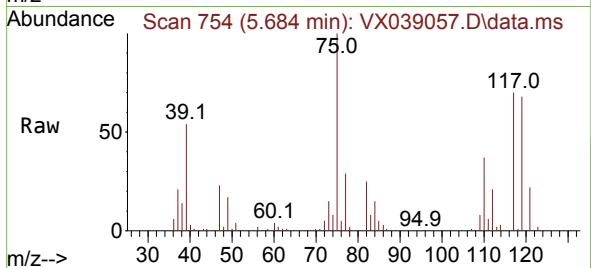
Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :



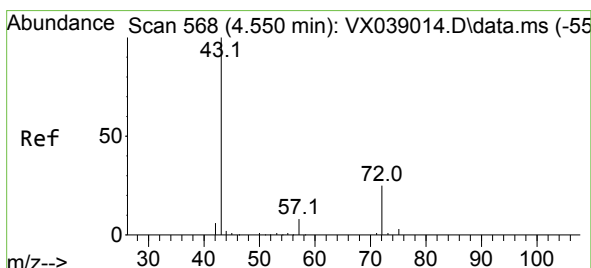
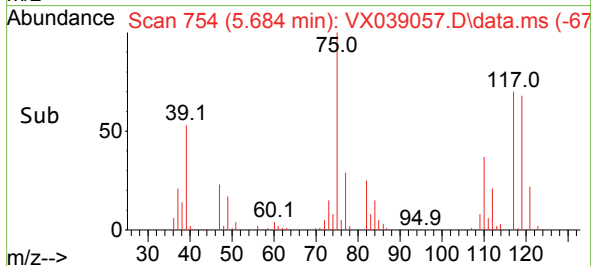
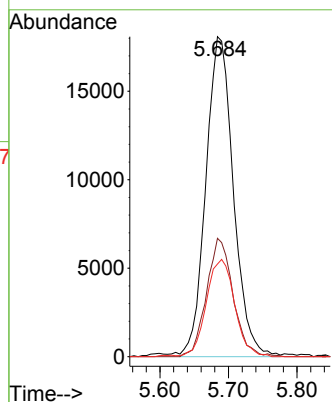
Tgt Ion: 75 Resp: 50522

Ion Ratio Lower Upper

75 100

110 35.3 0.0 71.2

77 30.6 0.0 62.6



#30

2-Butanone

Concen: 92.057 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

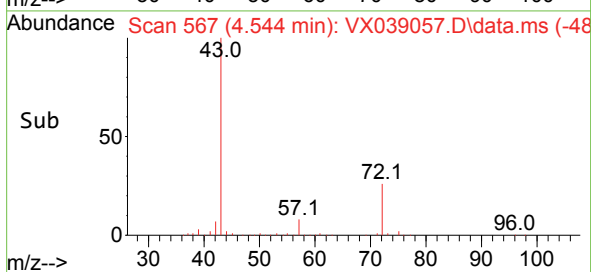
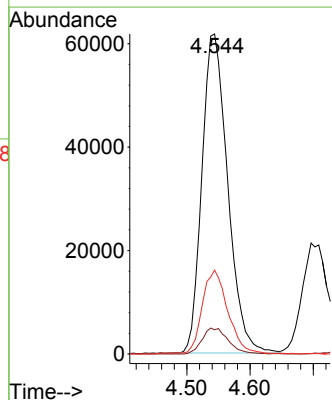
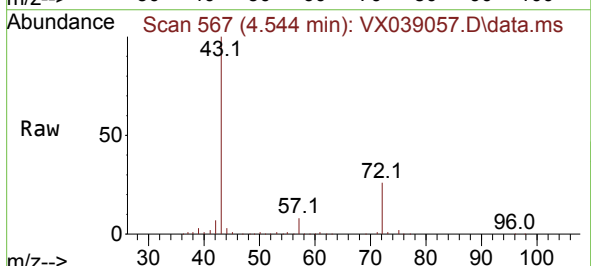
Tgt Ion: 43 Resp: 174988

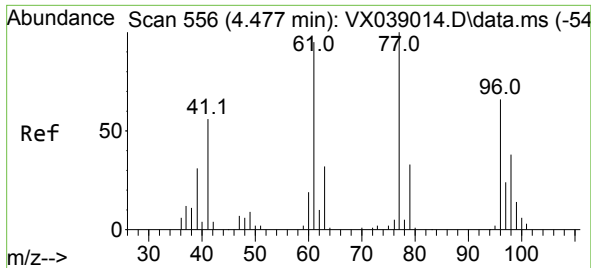
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

72 26.0 20.6 31.0

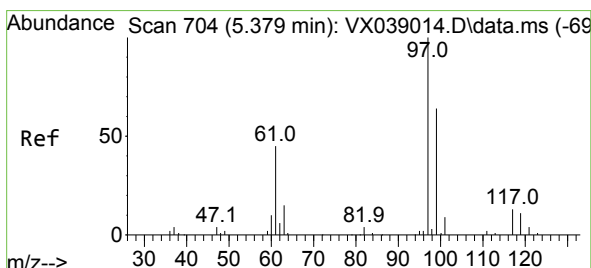
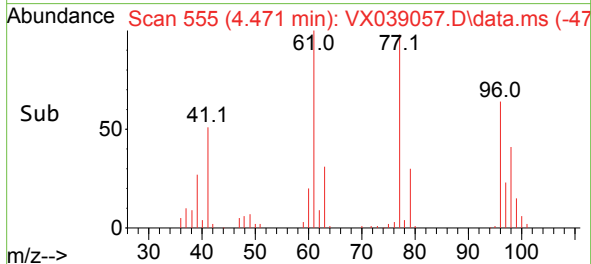
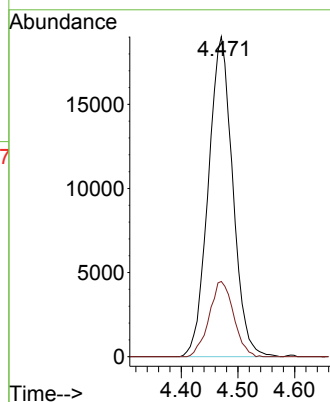
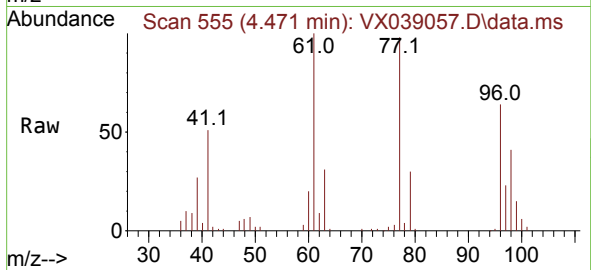




#31
2,2-Dichloropropane
Concen: 19.712 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

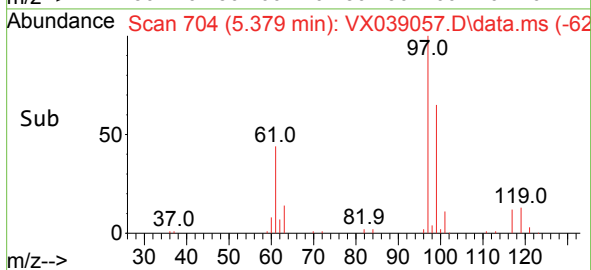
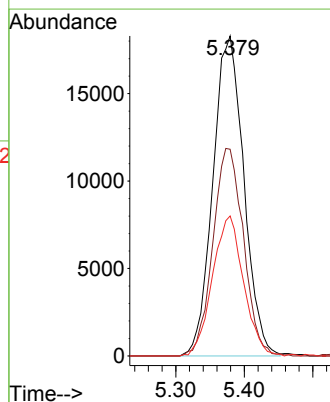
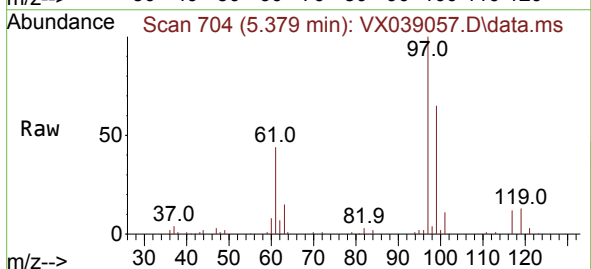
Instrument :
MSVOA_X
ClientSampleId :

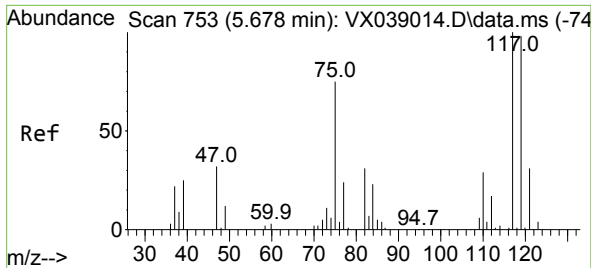
Tgt Ion: 77 Resp: 56903
Ion Ratio Lower Upper
77 100
97 23.5 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 19.669 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 97 Resp: 57397
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 43.8 36.9 55.3

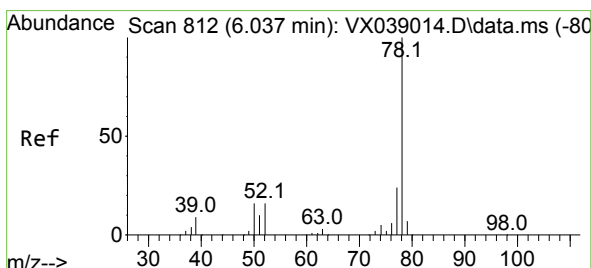
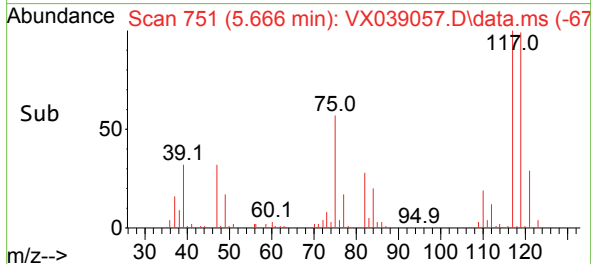
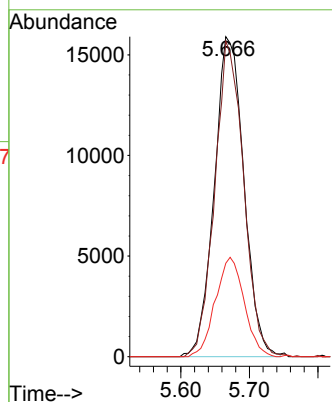
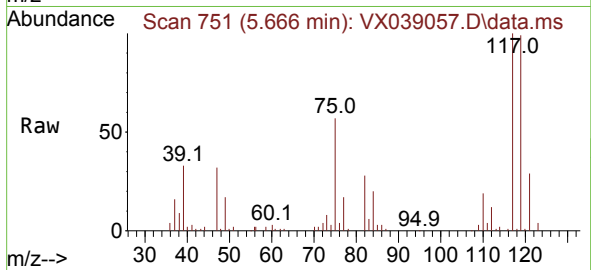




#33
Carbon Tetrachloride
Concen: 19.412 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

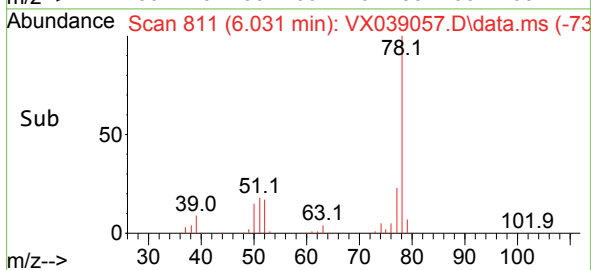
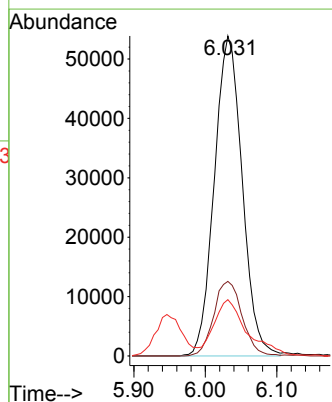
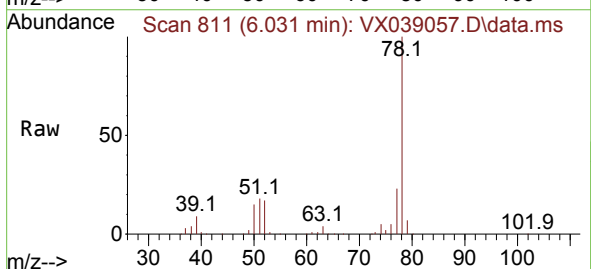
Instrument :
MSVOA_X
ClientSampleId :

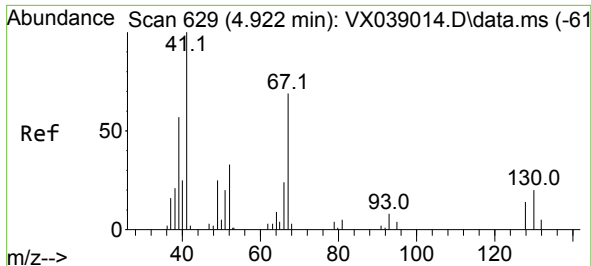
Tgt Ion:117 Resp: 47716
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.4
121 29.2 24.7 37.1



#34
Benzene
Concen: 19.824 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

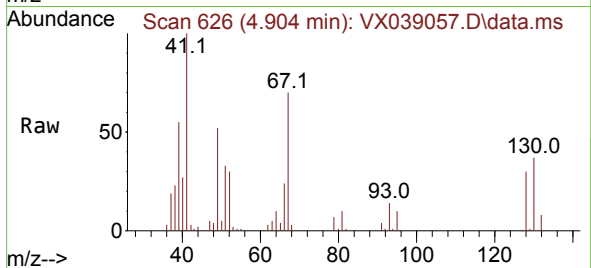
Tgt Ion: 78 Resp: 145799
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 15.8 14.4 21.6



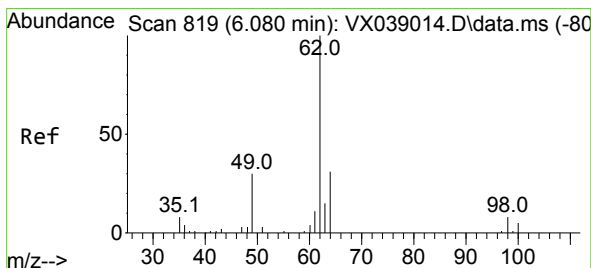
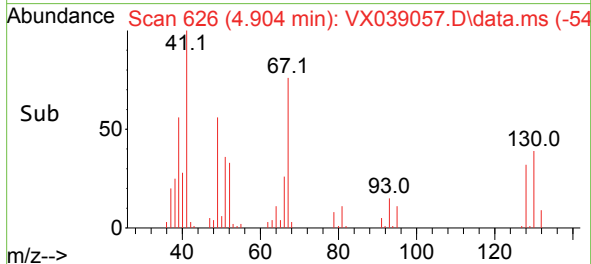
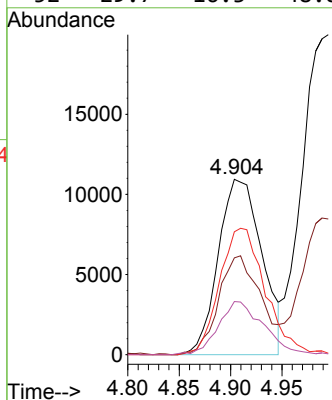


#35
Methacrylonitrile
Concen: 19.207 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

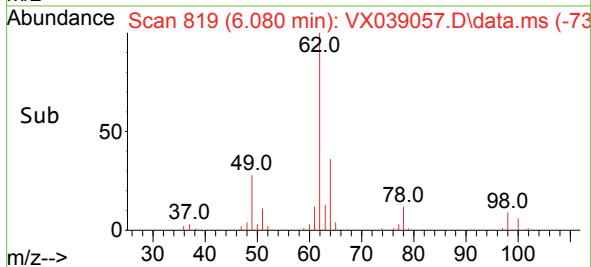
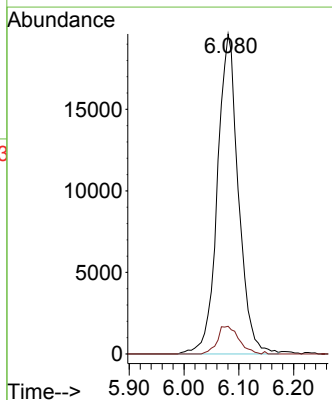
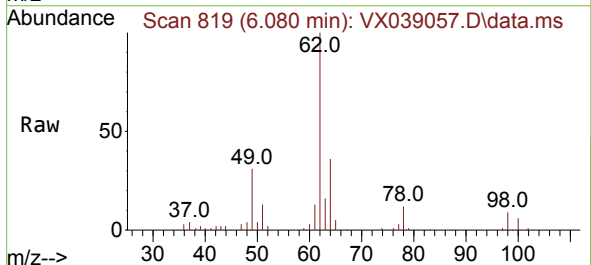


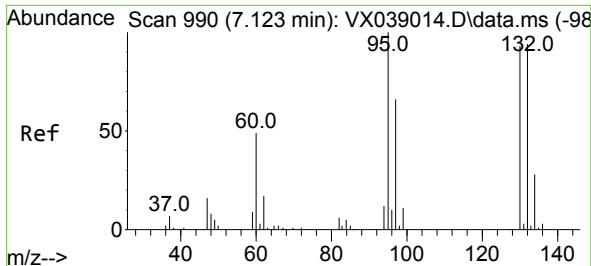
Tgt Ion: 41	Resp: 32340
Ion Ratio	Lower Upper
41 100	
39 55.2	28.2 84.7
67 70.1	34.5 103.5
52 29.7	16.3 48.8



#36
1,2-Dichloroethane
Concen: 19.364 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 62	Resp: 52257
Ion Ratio	Lower Upper
62 100	
98 8.8	7.0 10.4





#37

Trichloroethene

Concen: 19.535 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

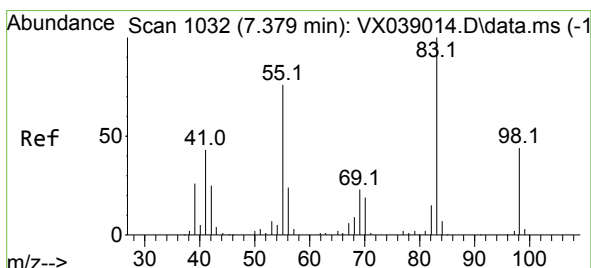
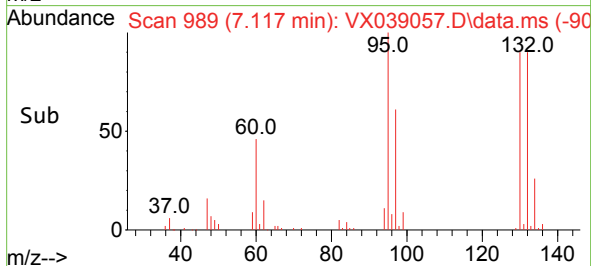
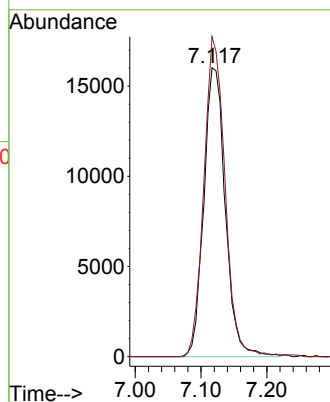
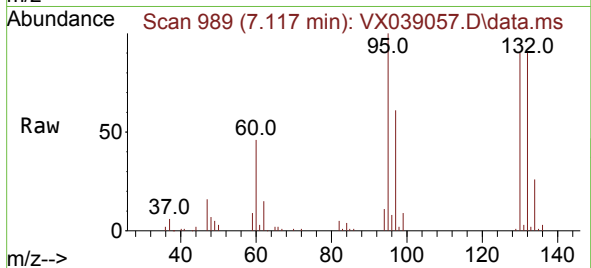
ClientSampleId :

Tgt Ion:130 Resp: 36466

Ion Ratio Lower Upper

130 100

95 110.7 85.8 128.8



#38

Methylcyclohexane

Concen: 19.689 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

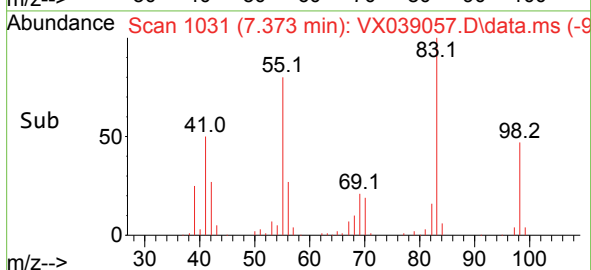
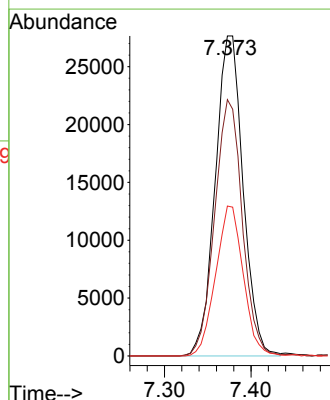
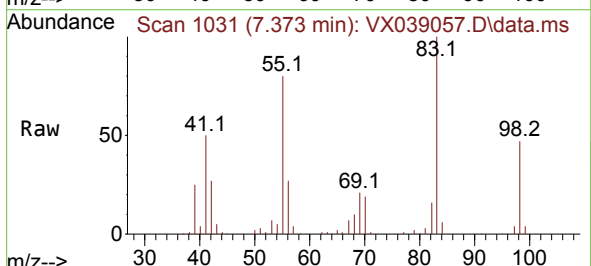
Tgt Ion: 83 Resp: 61937

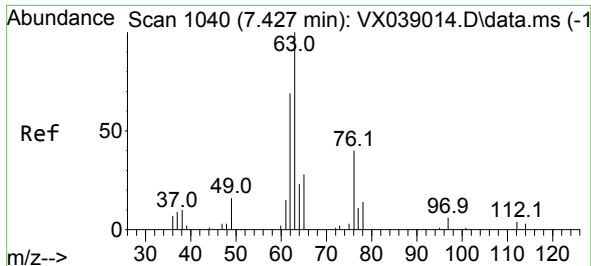
Ion Ratio Lower Upper

83 100

55 79.3 38.6 116.0

98 46.3 22.3 66.8





#39

1,2-Dichloropropane

Concen: 20.051 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

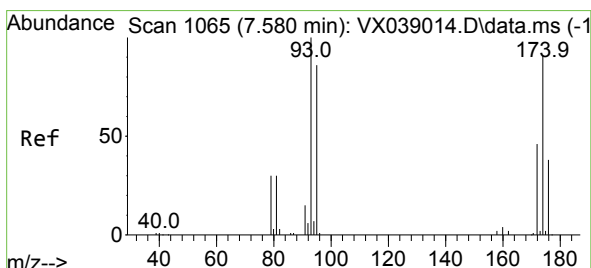
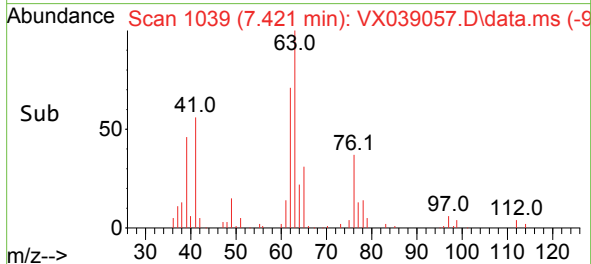
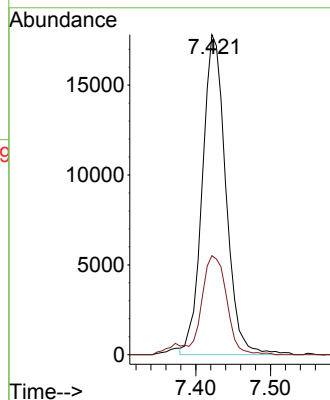
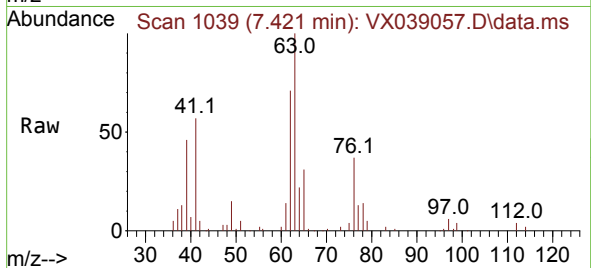
ClientSampleId :

Tgt Ion: 63 Resp: 38892

Ion Ratio Lower Upper

63 100

65 31.1 24.6 37.0



#40

Dibromomethane

Concen: 19.765 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

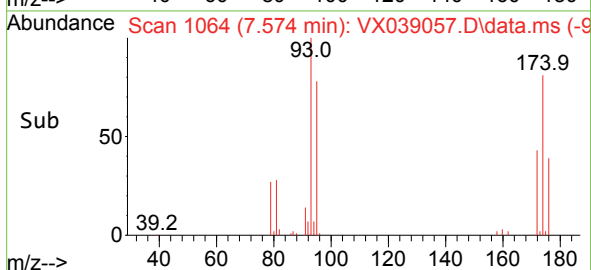
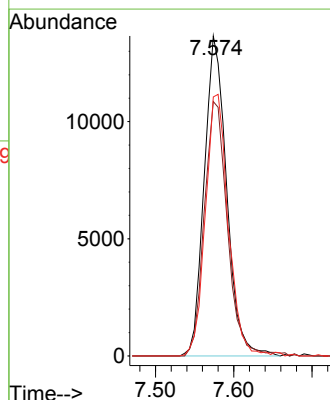
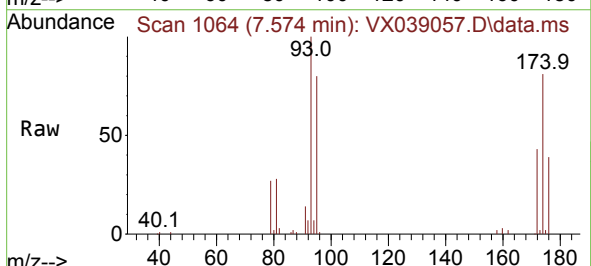
Tgt Ion: 93 Resp: 27087

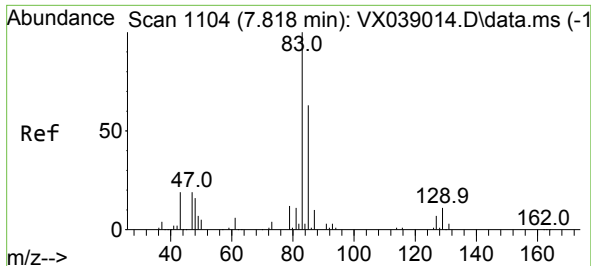
Ion Ratio Lower Upper

93 100

95 81.4 0.0 163.4

174 83.5 0.0 166.4

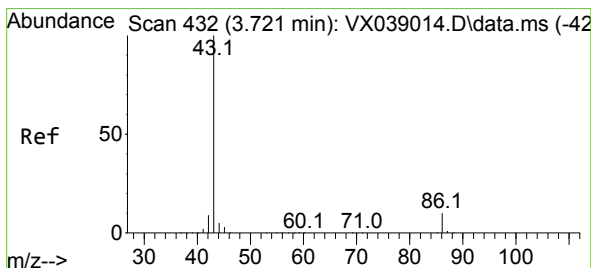
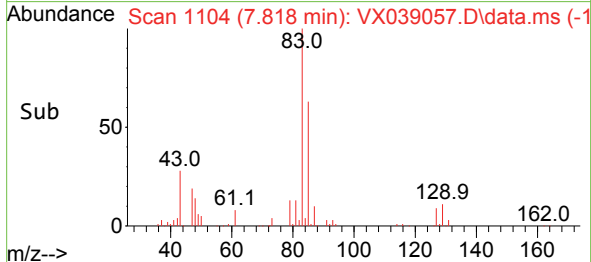
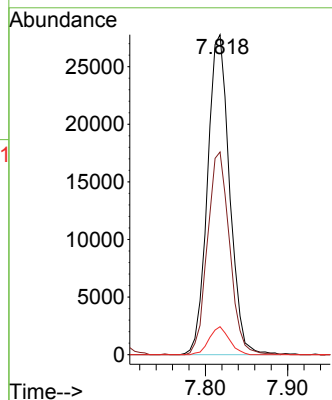
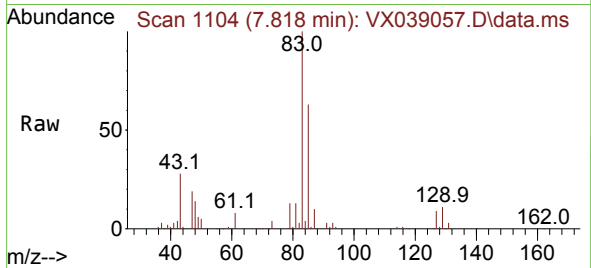




#41
Bromodichloromethane
Concen: 19.674 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

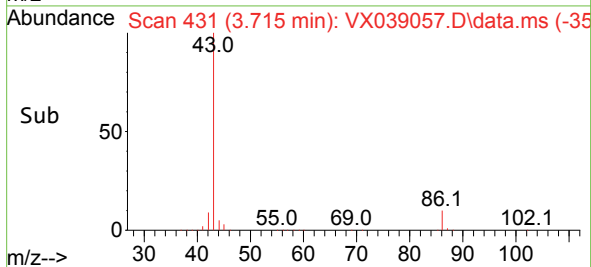
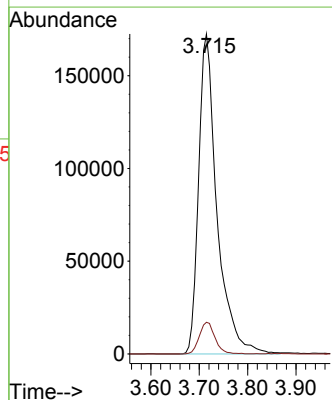
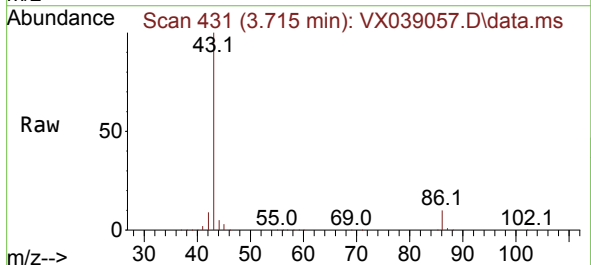
Instrument :
MSVOA_X
ClientSampleId :

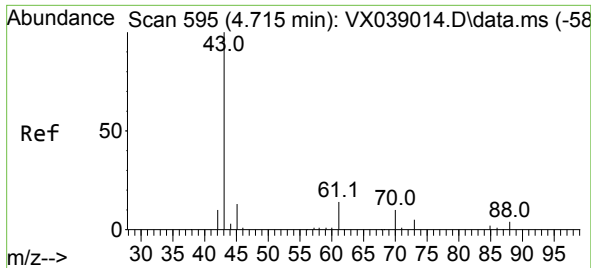
Tgt Ion: 83 Resp: 51798
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 8.8 5.9 8.9



#42
Vinyl Acetate
Concen: 100.451 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 43 Resp: 454787
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1

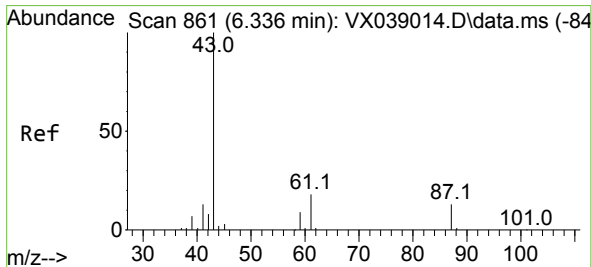
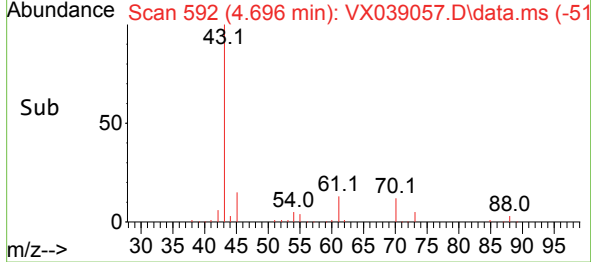
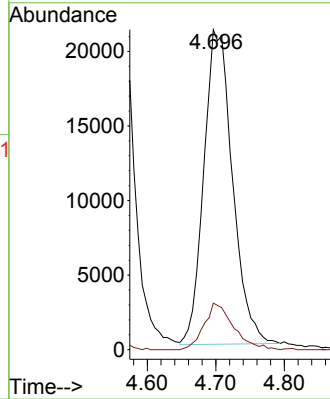
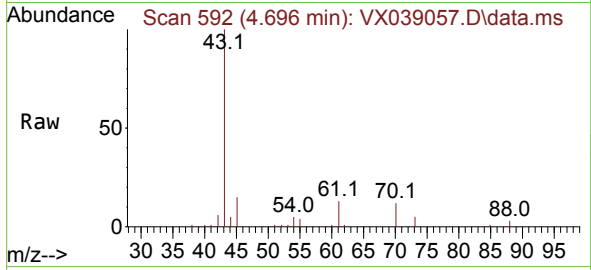




#43
Ethyl Acetate
Concen: 18.790 ug/l
RT: 4.696 min Scan# 51
Delta R.T. -0.018 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

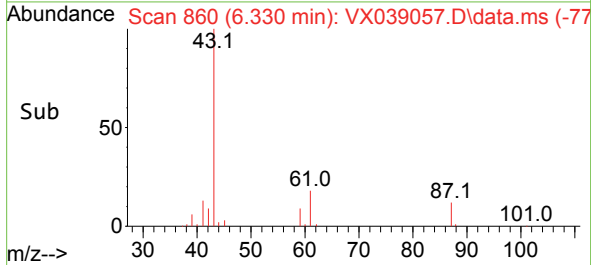
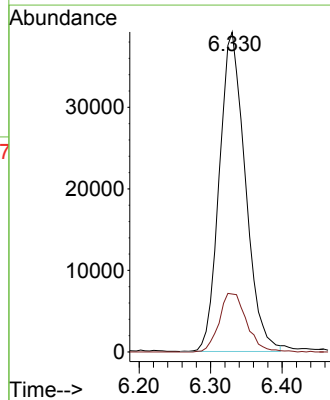
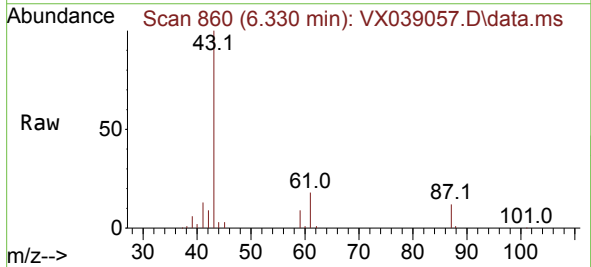
Instrument :
MSVOA_X
ClientSampleId :

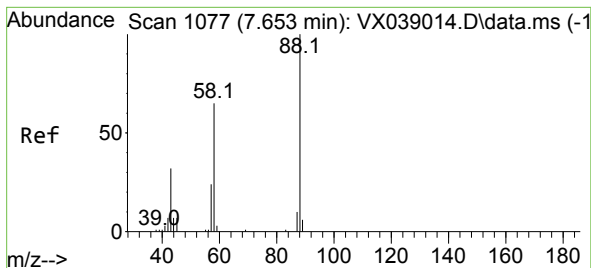
Tgt Ion: 43 Resp: 61447
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.125 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 43 Resp: 98596
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





#45

1,4-Dioxane

Concen: 298.434 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

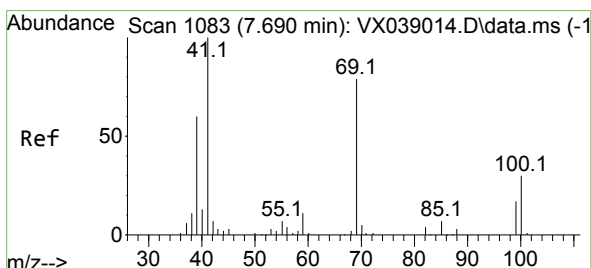
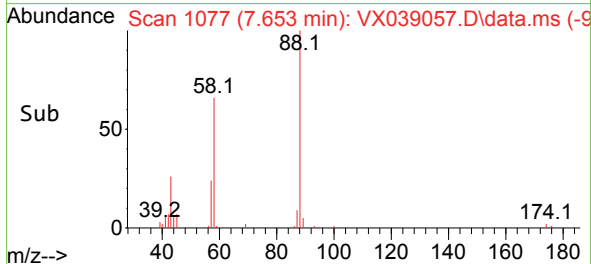
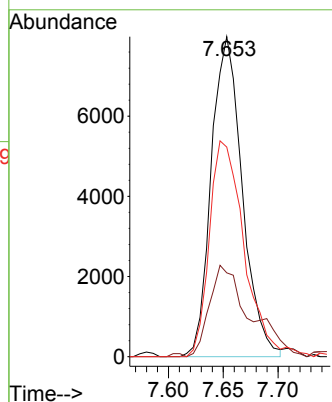
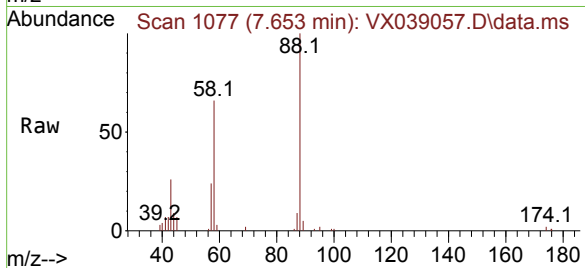
Tgt Ion: 88 Resp: 15706

Ion Ratio Lower Upper

88 100

43 29.5 28.1 42.1

58 74.3 57.7 86.5



#46

Methyl methacrylate

Concen: 19.099 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

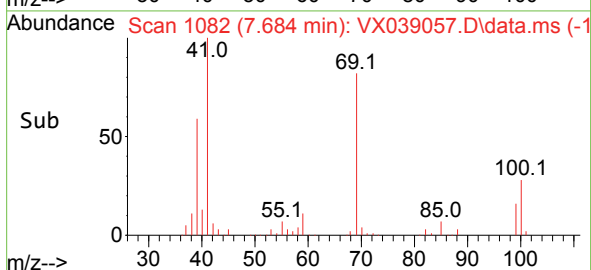
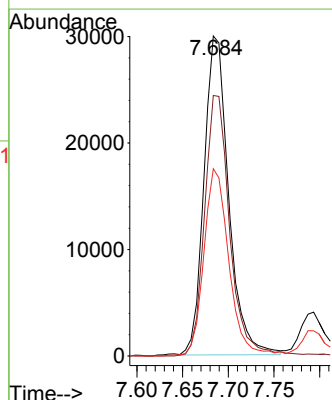
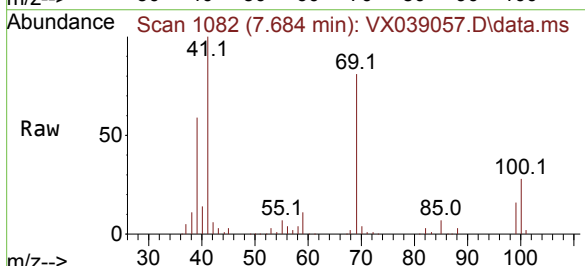
Tgt Ion: 41 Resp: 56295

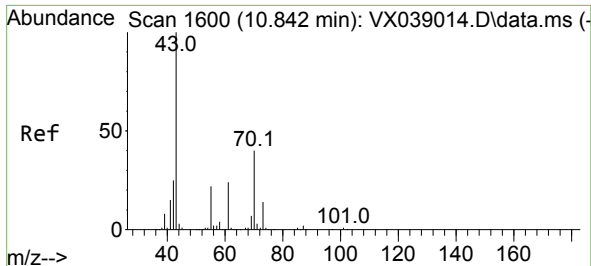
Ion Ratio Lower Upper

41 100

69 81.5 39.6 118.8

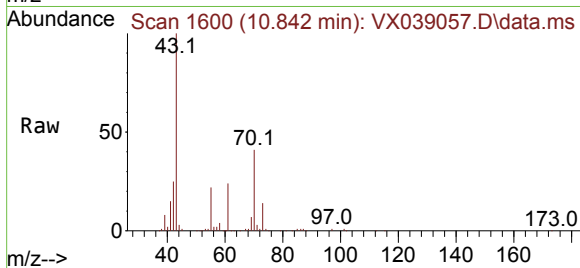
39 58.4 30.1 90.3



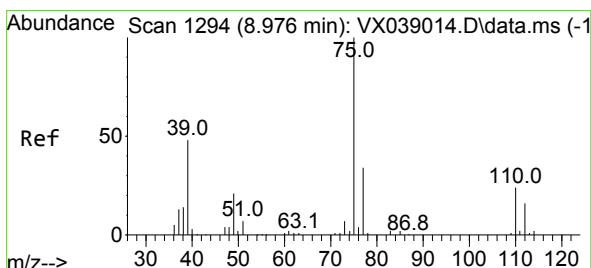
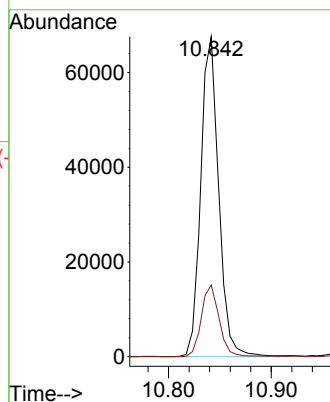
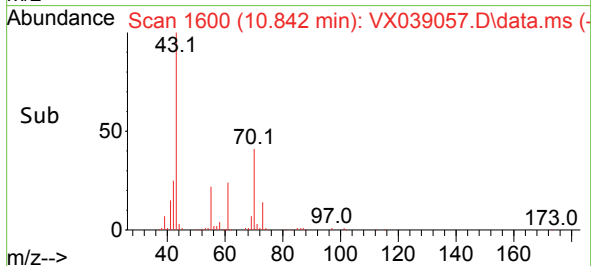


#47
n-amyl acetate
Concen: 18.825 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

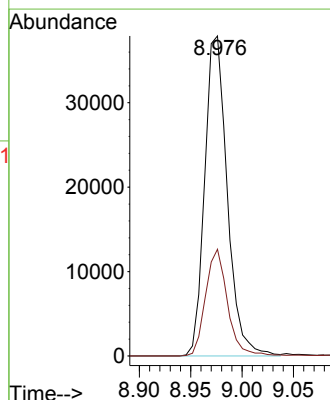
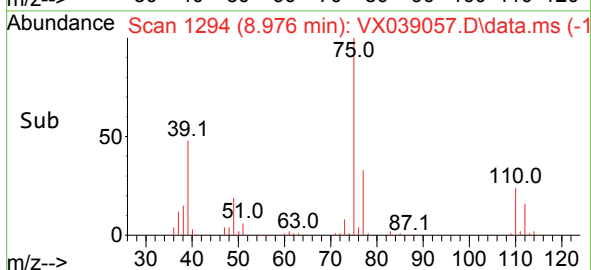
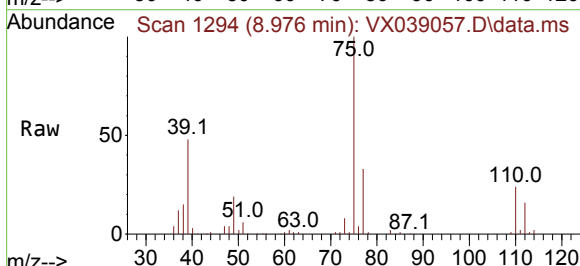


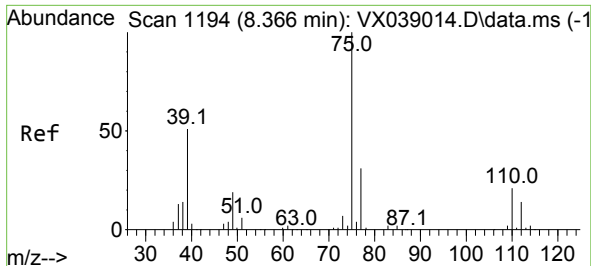
Tgt Ion: 43 Resp: 82142
Ion Ratio Lower Upper
43 100
55 22.4 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 19.033 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
77 33.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.866 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

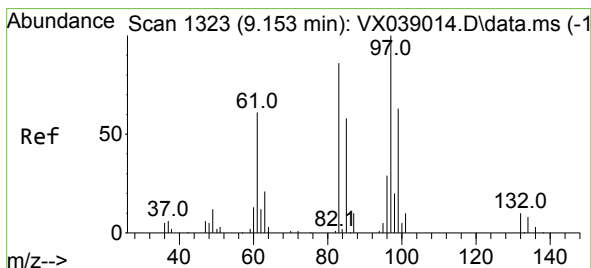
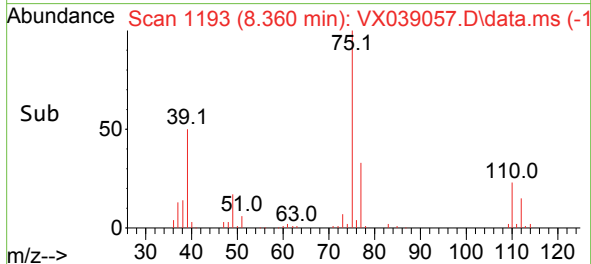
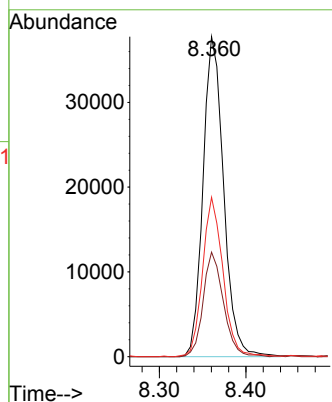
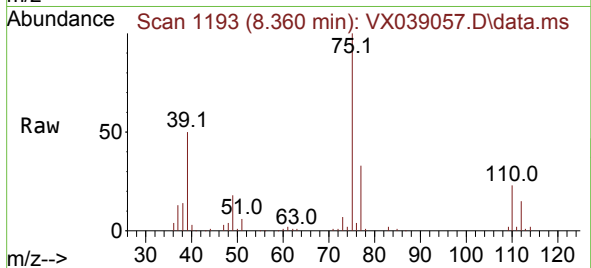
Tgt Ion: 75 Resp: 62565

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6

39 49.6 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 20.061 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion: 97 Resp: 37348

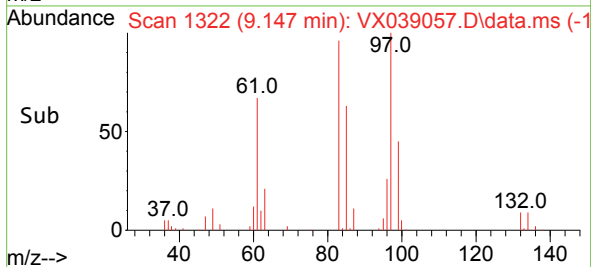
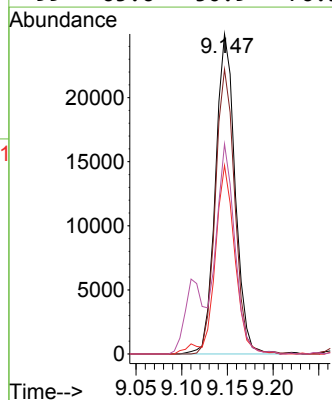
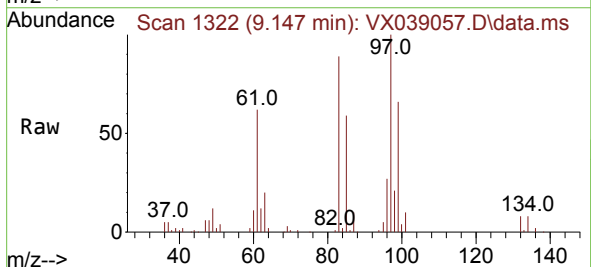
Ion Ratio Lower Upper

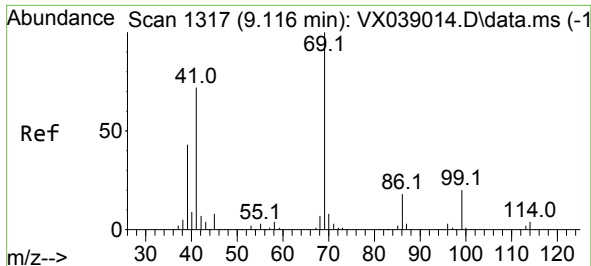
97 100

83 88.9 69.0 103.6

85 58.9 46.3 69.5

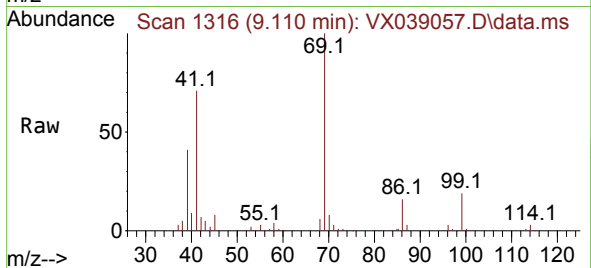
99 65.6 50.9 76.3



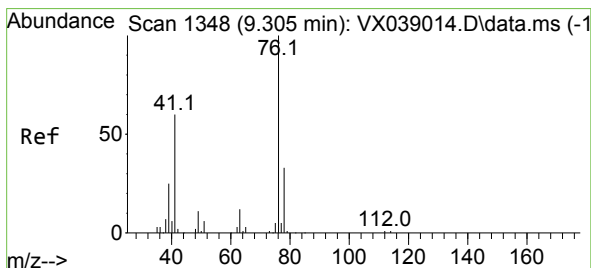
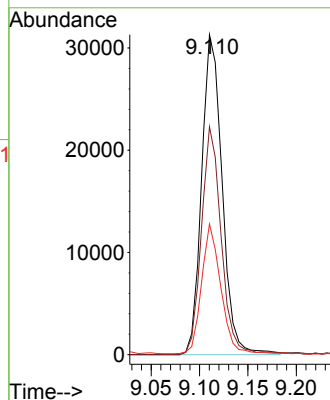
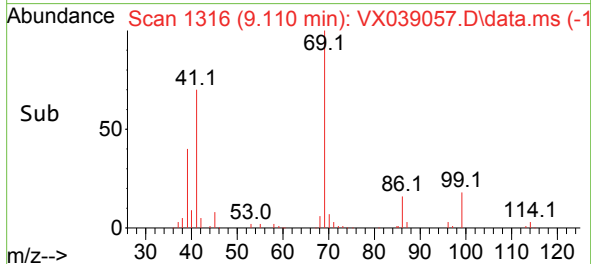


#51
Ethyl methacrylate
Concen: 19.864 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

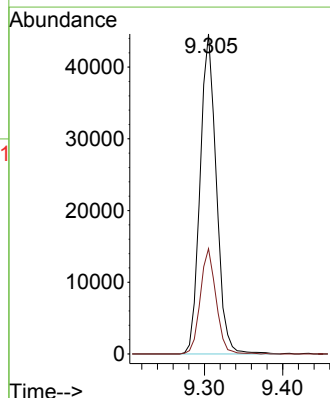
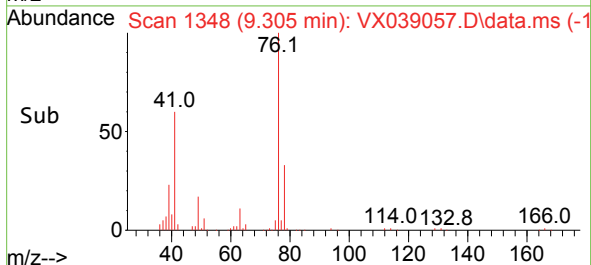
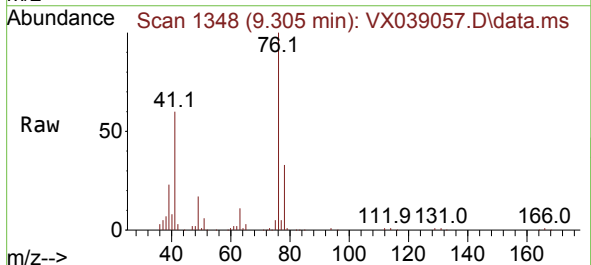


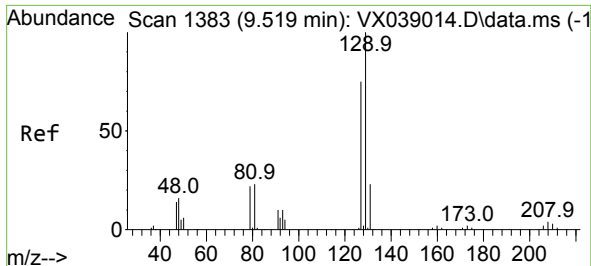
Tgt Ion: 69 Resp: 46291
Ion Ratio Lower Upper
69 100
41 71.3 36.2 108.6
39 40.4 21.1 63.4



#52
1,3-Dichloropropane
Concen: 20.185 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 76 Resp: 64434
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0

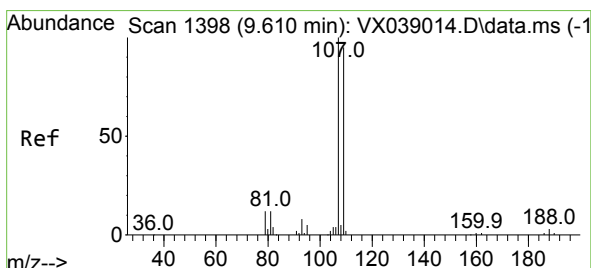
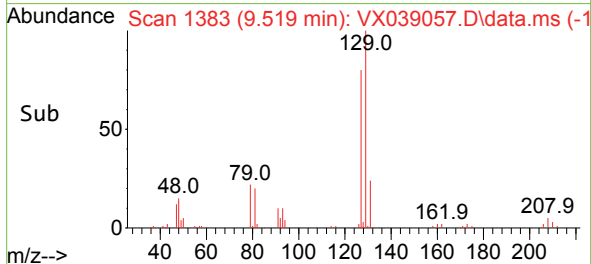
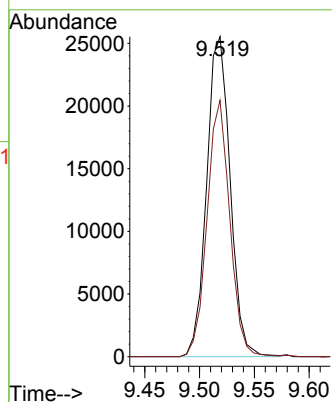
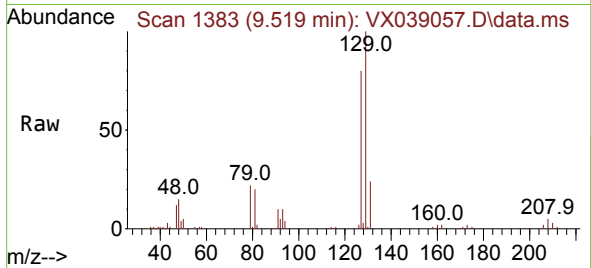




#53
Dibromochloromethane
Concen: 19.059 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

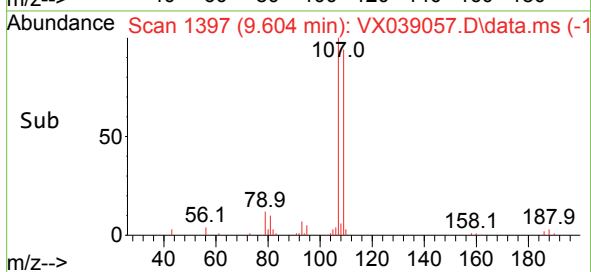
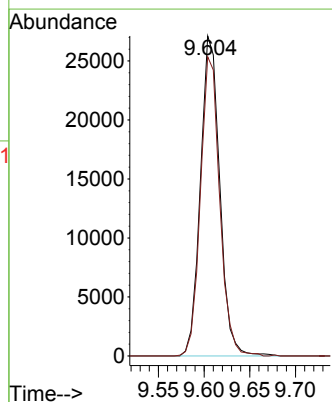
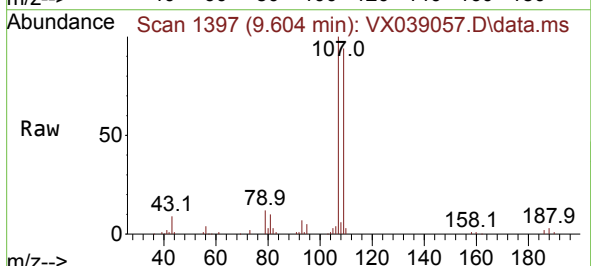
Instrument :
MSVOA_X
ClientSampleId :

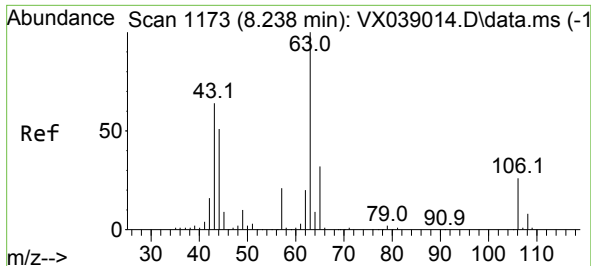
Tgt Ion:129 Resp: 38105
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.514 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:107 Resp: 39839
Ion Ratio Lower Upper
107 100
109 93.0 75.1 112.7

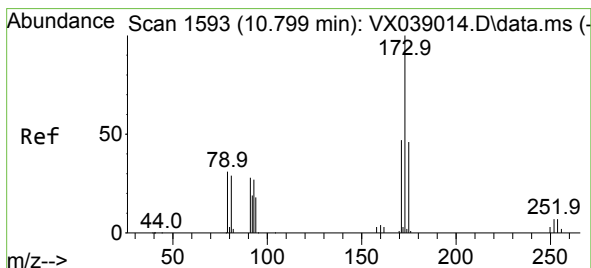
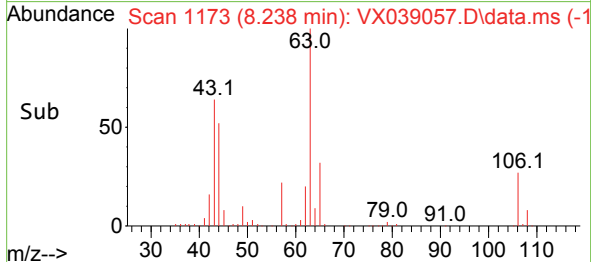
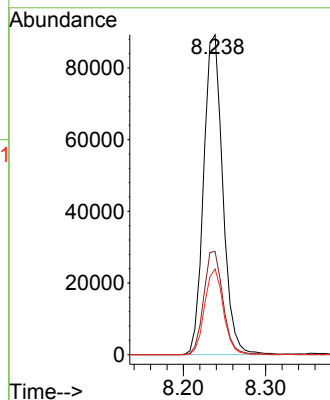
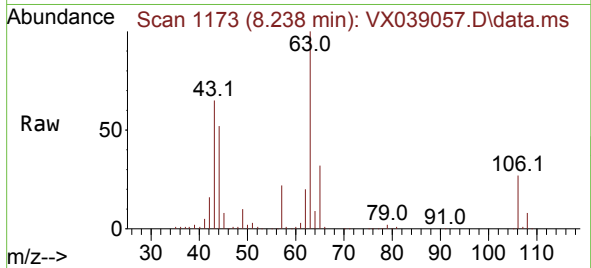




#55
2-Chloroethyl vinyl ether
Concen: 97.696 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

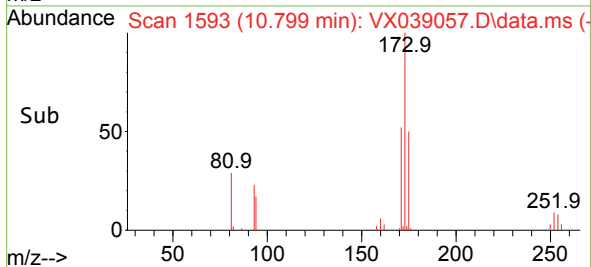
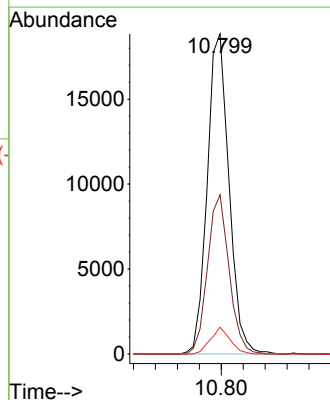
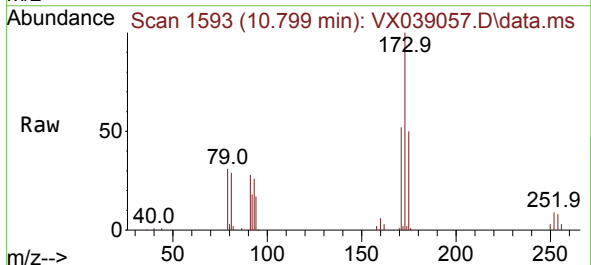
Instrument :
MSVOA_X
ClientSampleId :

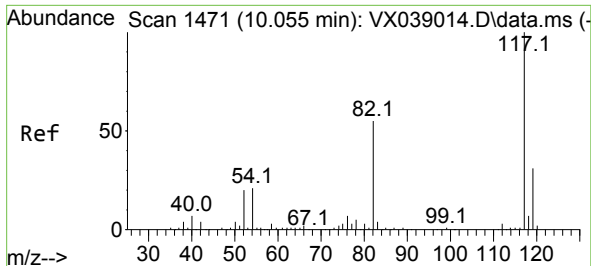
Tgt Ion: 63 Resp: 144308
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 26.2 20.6 31.0



#56
Bromoform
Concen: 18.004 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 173 Resp: 25980
Ion Ratio Lower Upper
173 100
175 49.3 37.6 56.4
254 7.5 5.8 8.8

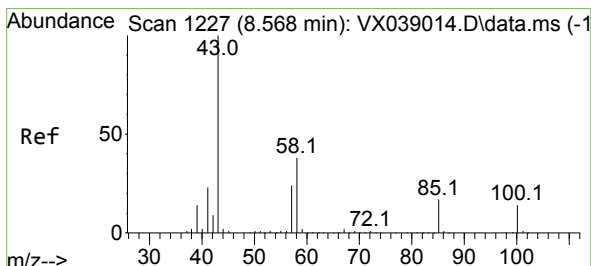
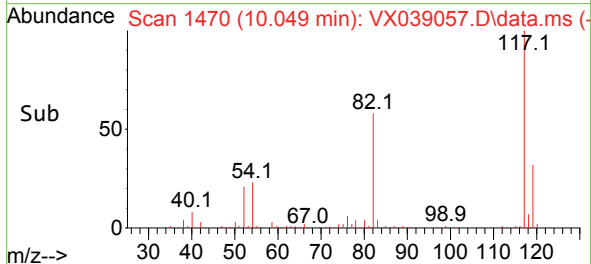
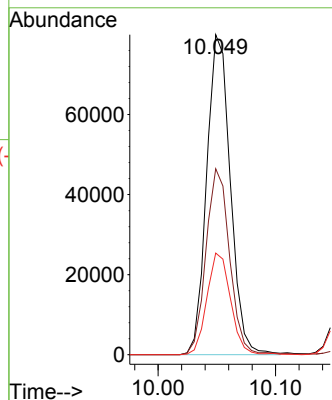
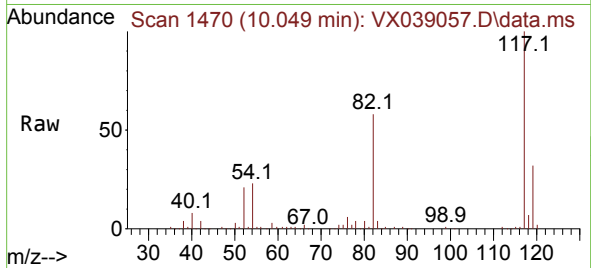




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

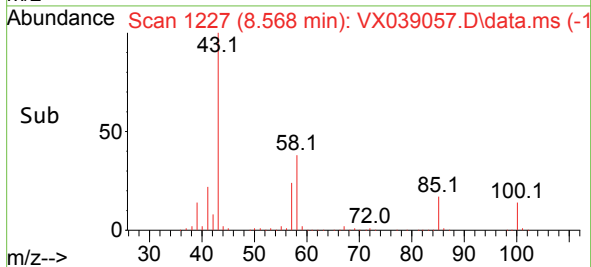
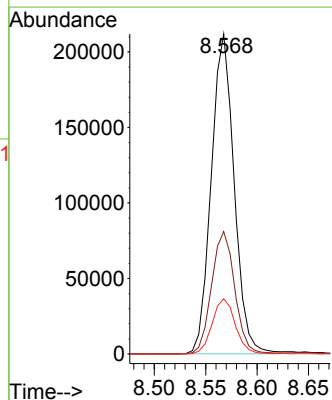
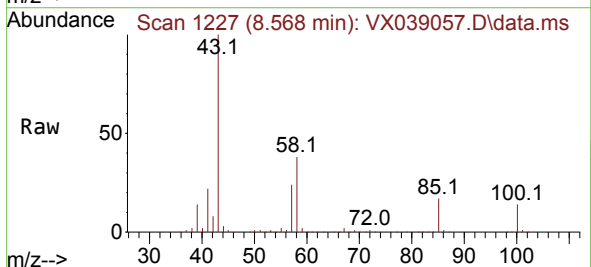
Instrument :
MSVOA_X
ClientSampleId :

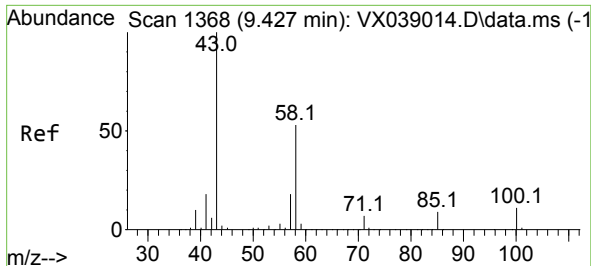
Tgt Ion:117 Resp: 111959
Ion Ratio Lower Upper
117 100
82 57.7 47.0 70.6
119 31.6 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 96.458 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 43 Resp: 327489
Ion Ratio Lower Upper
43 100
58 38.8 30.1 45.1
85 17.4 13.9 20.9





#59

2-Hexanone

Concen: 93.974 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

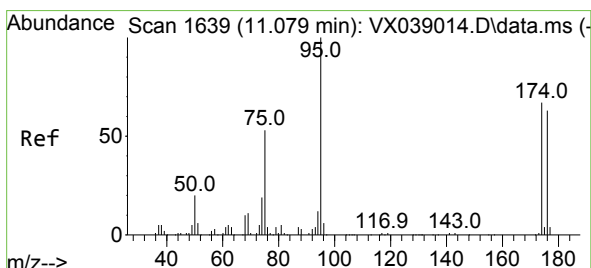
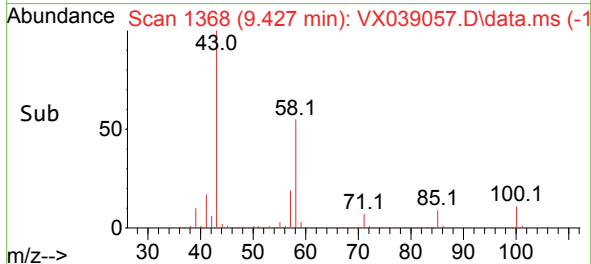
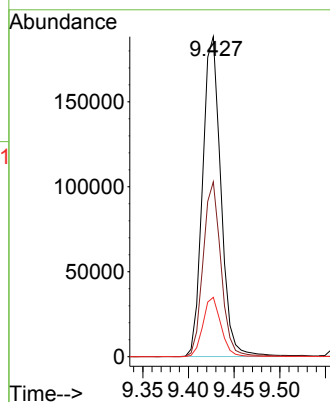
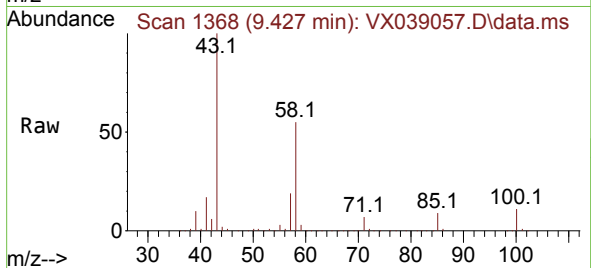
Tgt Ion: 43 Resp: 261892

Ion Ratio Lower Upper

43 100

58 53.2 42.7 64.1

57 18.4 14.8 22.2



#60

4-Bromofluorobenzene

Concen: 29.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

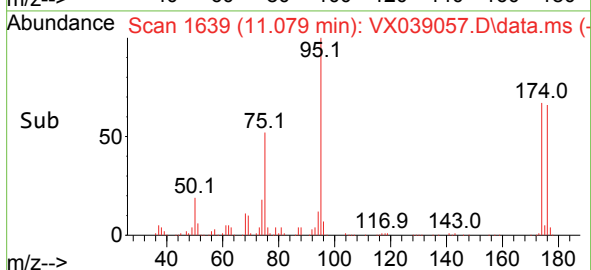
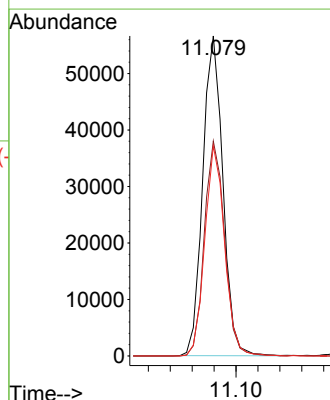
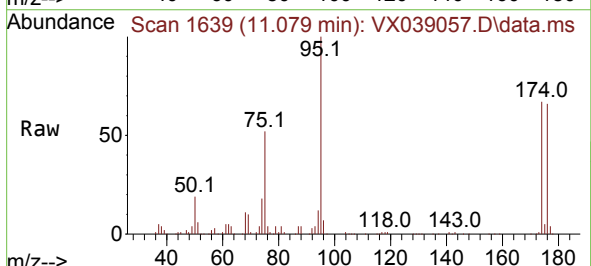
Tgt Ion: 95 Resp: 72142

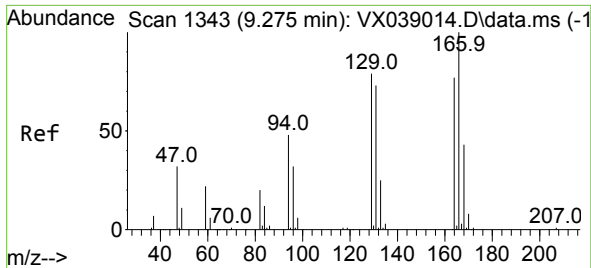
Ion Ratio Lower Upper

95 100

174 67.6 55.4 83.2

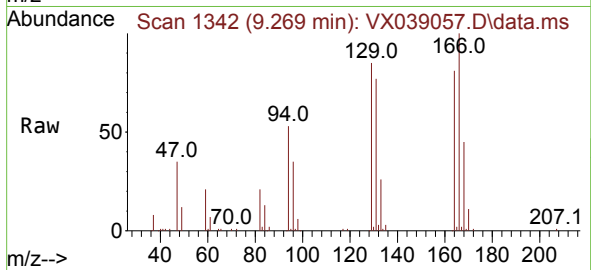
176 64.7 52.6 78.8



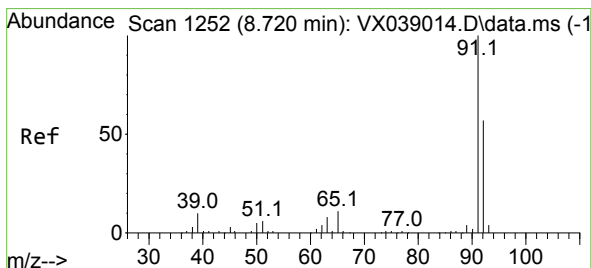
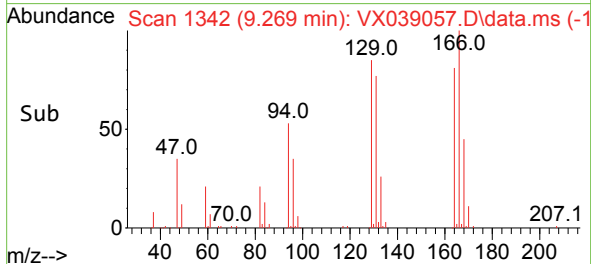
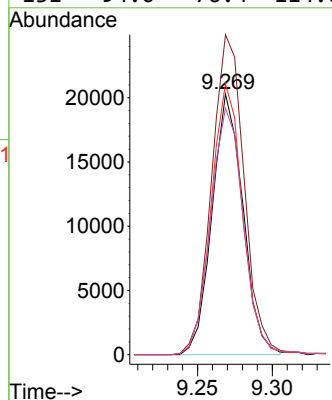


#61
Tetrachloroethene
Concen: 19.985 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

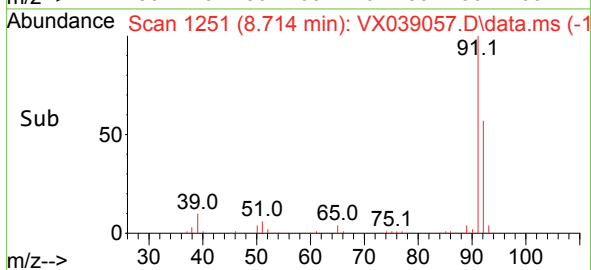
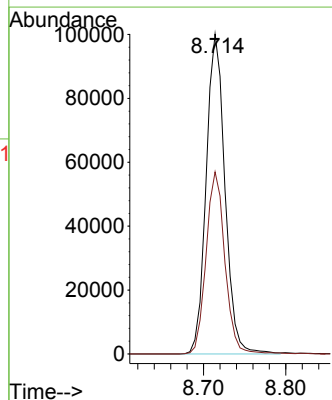
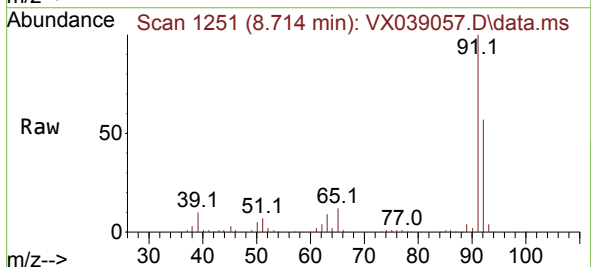


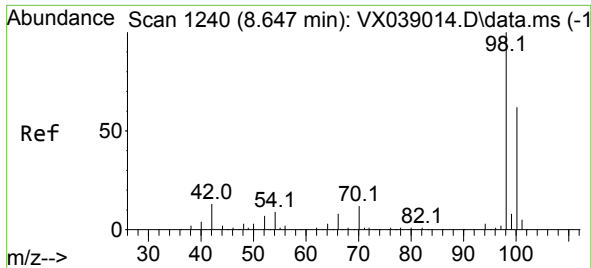
Tgt Ion:164 Resp: 29091
Ion Ratio Lower Upper
164 100
166 122.4 104.0 156.0
129 103.4 82.0 123.0
131 94.0 76.4 114.6



#62
Toluene
Concen: 20.012 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 91 Resp: 159068
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9

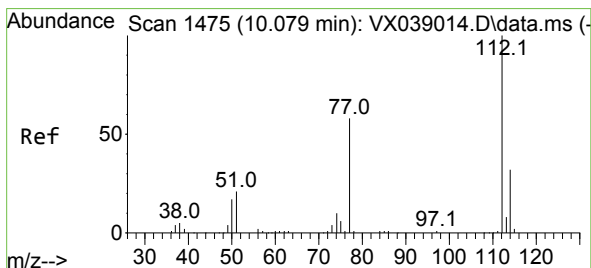
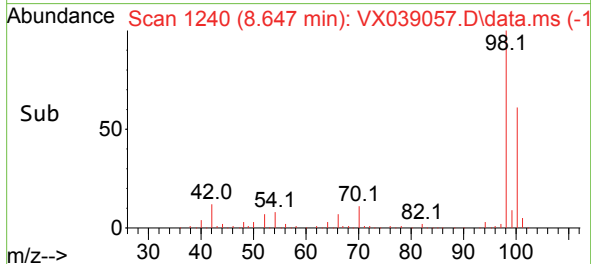
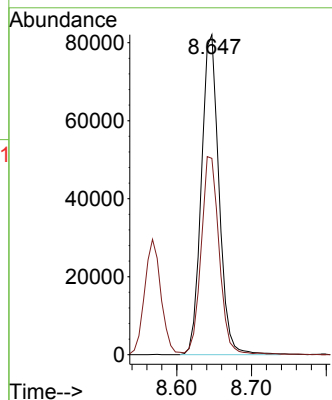
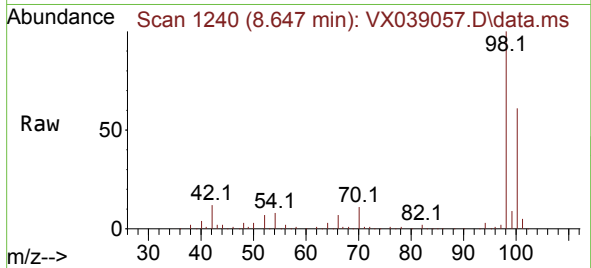




#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

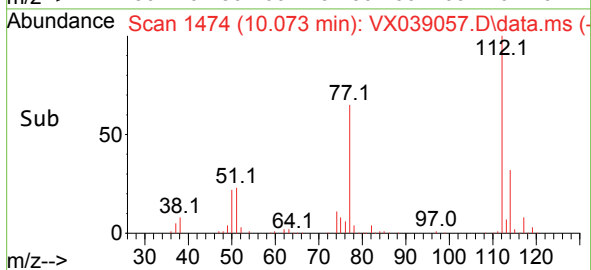
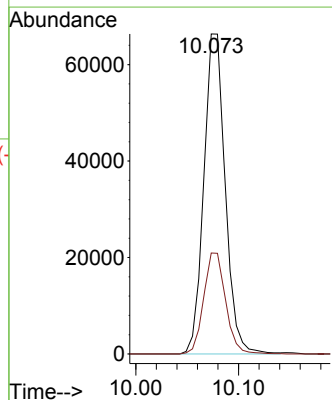
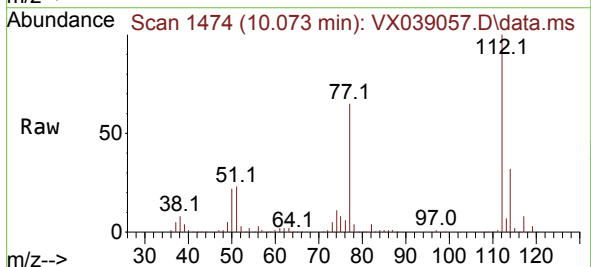
Instrument :
MSVOA_X
ClientSampleId :

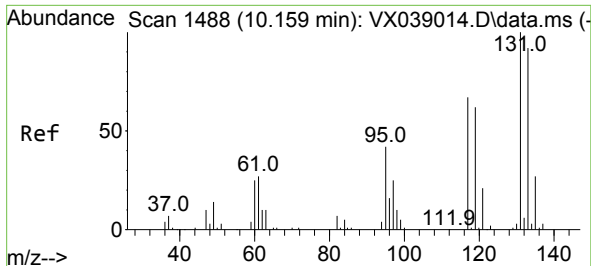
Tgt Ion: 98 Resp: 134200
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4



#64
Chlorobenzene
Concen: 19.903 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 112 Resp: 96230
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9

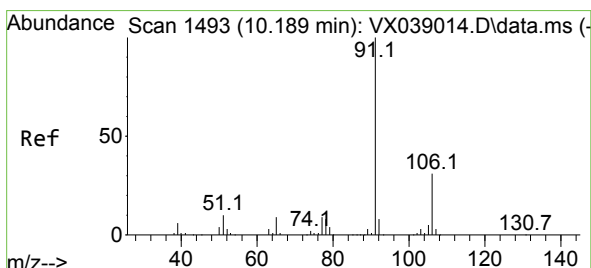
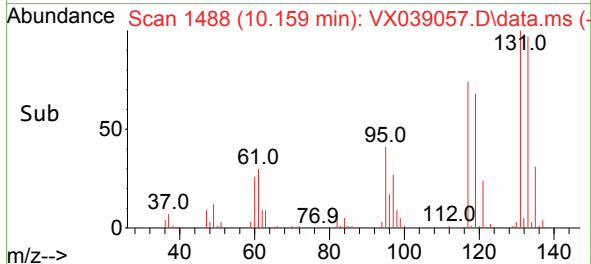
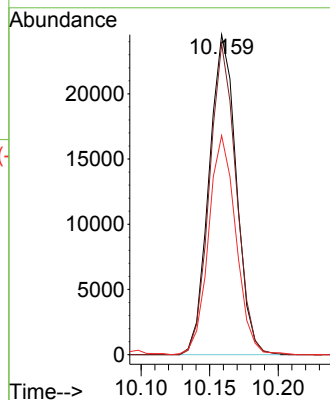
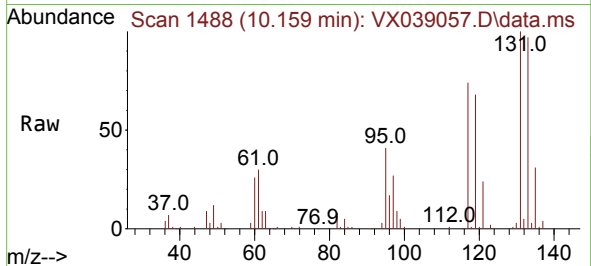




#65
1,1,1,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

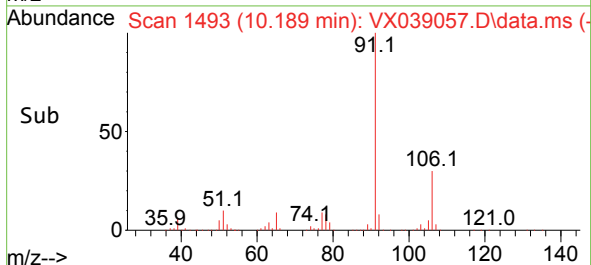
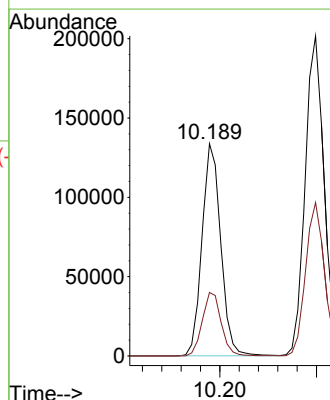
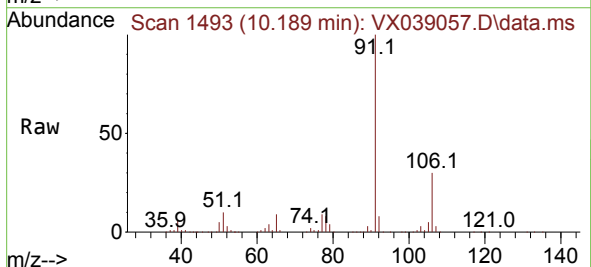
Instrument :
MSVOA_X
ClientSampleId :

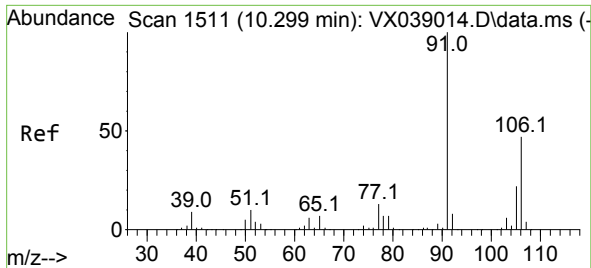
Tgt Ion:131 Resp: 34010
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.8
119 68.5 0.0 135.4



#66
Ethyl Benzene
Concen: 19.942 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 91 Resp: 180495
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

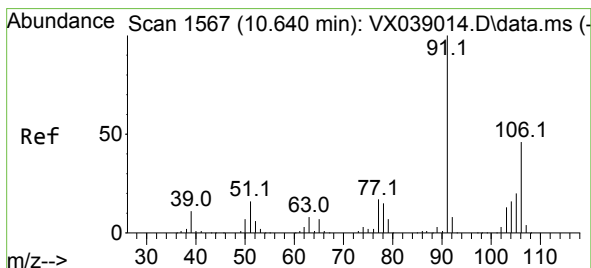
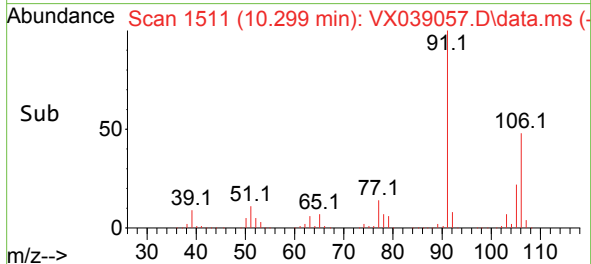
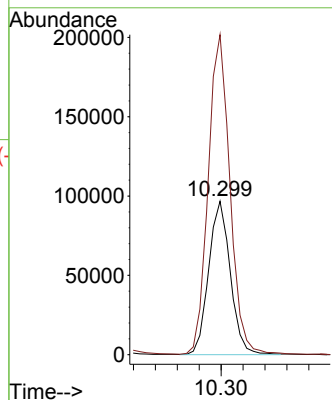
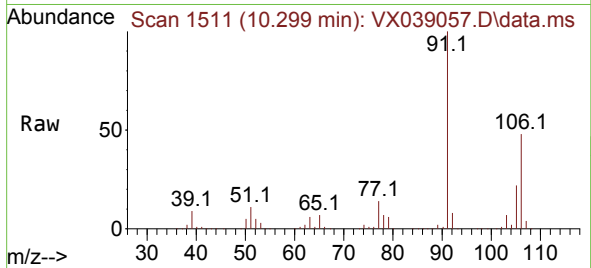




#67
m/p-Xylenes
Concen: 39.663 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

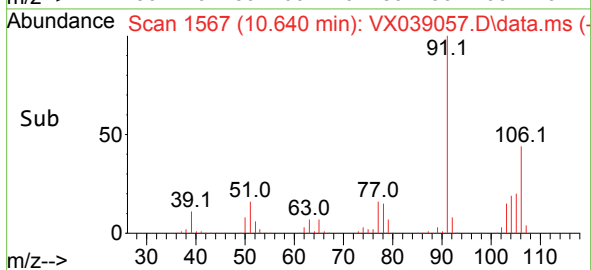
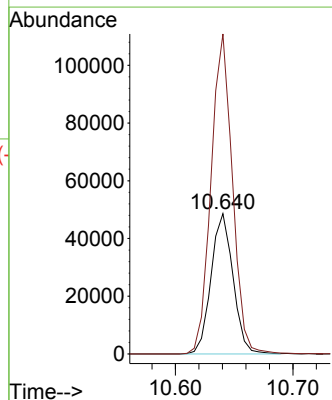
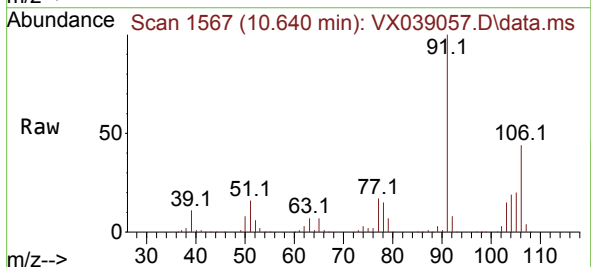
Instrument :
MSVOA_X
ClientSampleId :

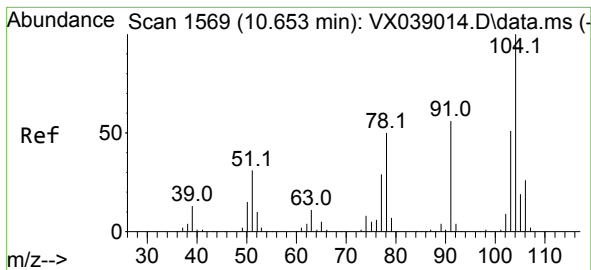
Tgt Ion:106 Resp: 132655
Ion Ratio Lower Upper
106 100
91 210.0 169.4 254.0



#68
o-Xylene
Concen: 19.544 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:106 Resp: 63318
Ion Ratio Lower Upper
106 100
91 221.7 111.2 333.6





#69

Styrene

Concen: 19.554 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

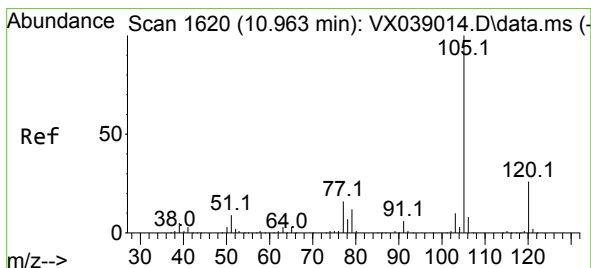
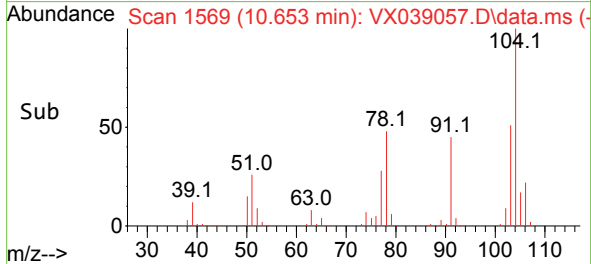
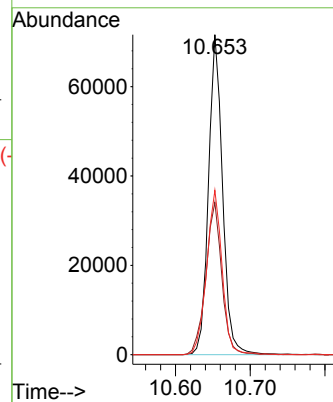
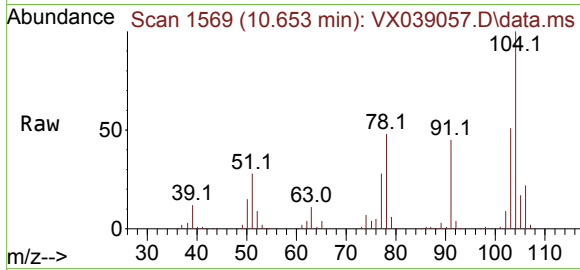
Tgt Ion:104 Resp: 93757

Ion Ratio Lower Upper

104 100

78 54.2 43.7 65.5

103 56.7 44.6 67.0



#70

Isopropylbenzene

Concen: 19.884 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039057.D

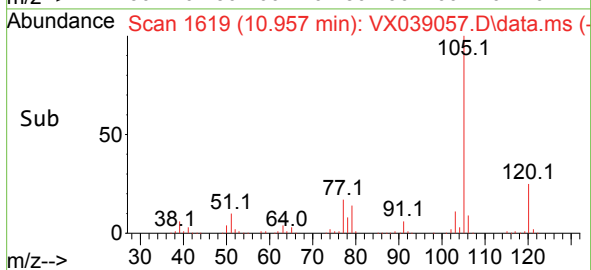
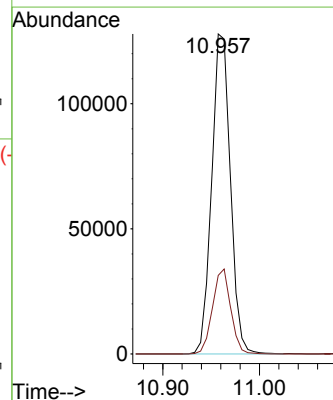
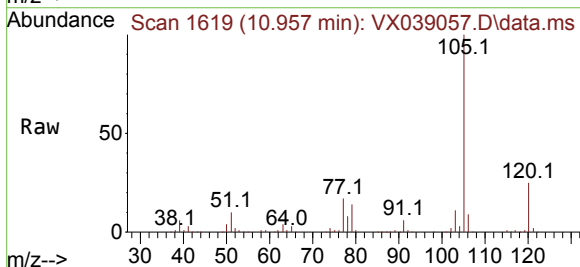
Acq: 29 Nov 2023 16:31

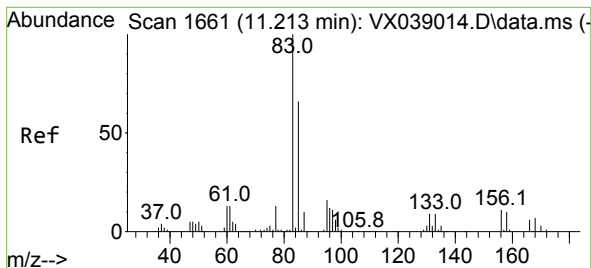
Tgt Ion:105 Resp: 172355

Ion Ratio Lower Upper

105 100

120 25.7 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 19.325 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

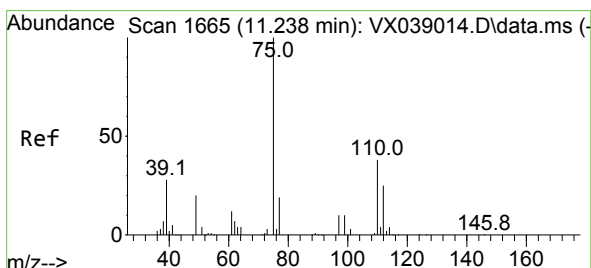
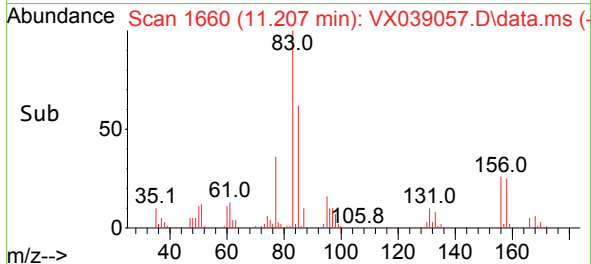
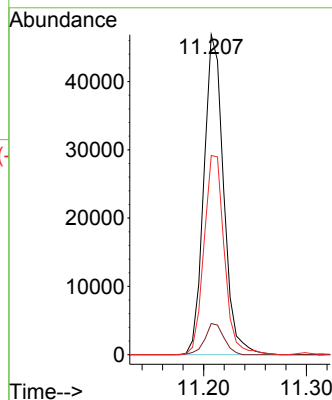
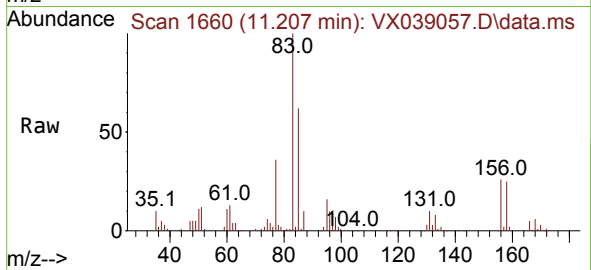
Tgt Ion: 83 Resp: 62535

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

85 64.3 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 26.903 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039057.D

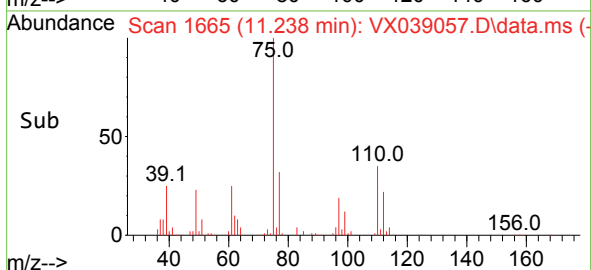
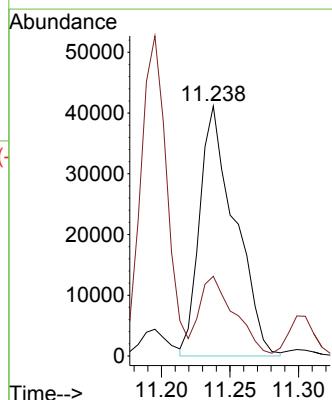
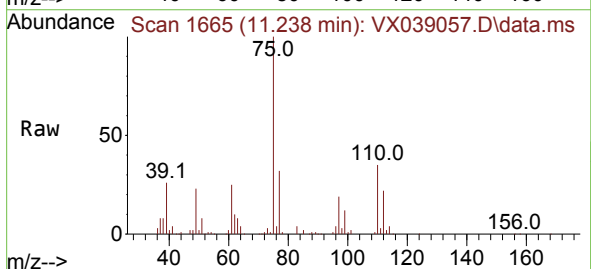
Acq: 29 Nov 2023 16:31

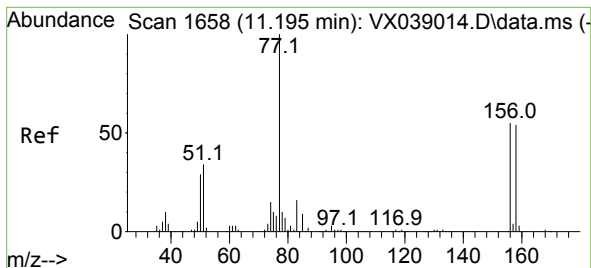
Tgt Ion: 75 Resp: 73667

Ion Ratio Lower Upper

75 100

77 31.6 0.0 76.4





#73

Bromobenzene

Concen: 19.329 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039057.D

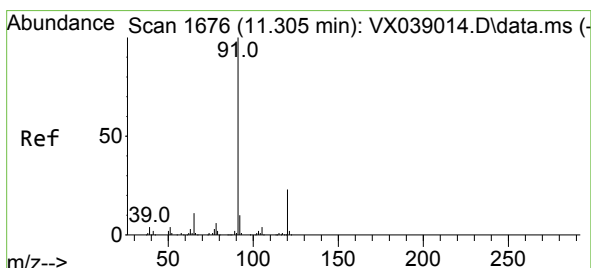
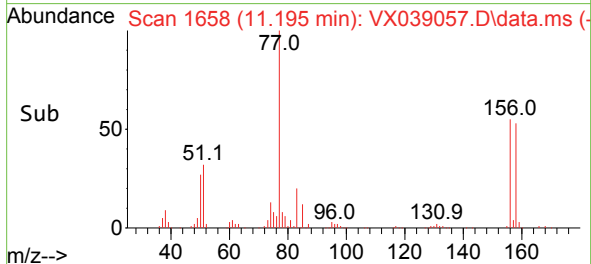
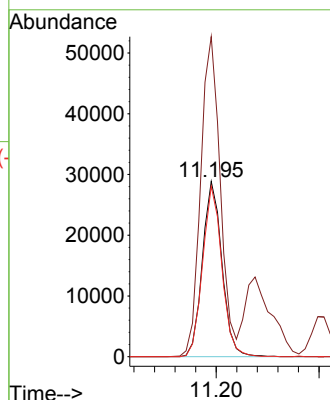
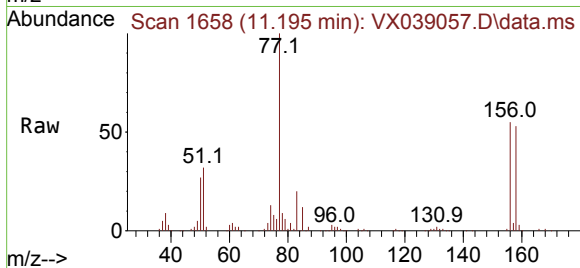
Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	156	Resp:	38146
Ion Ratio	Lower	Upper	
156	100		
77	182.8	0.0	363.2
158	95.9	0.0	197.8



#74

n-propylbenzene

Concen: 19.940 ug/l

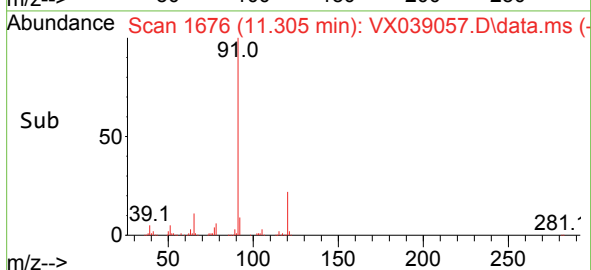
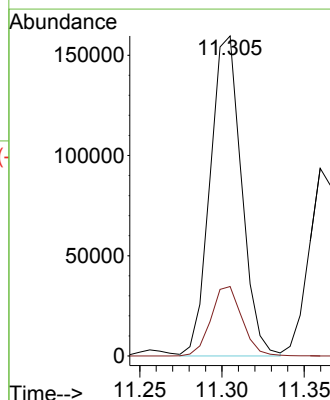
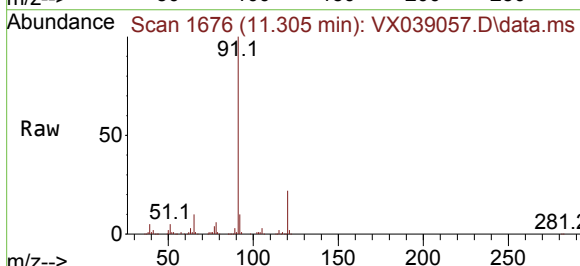
RT: 11.305 min Scan# 1676

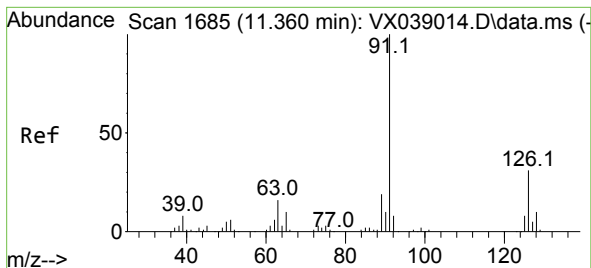
Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:	91	Resp:	211768
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





#75

2-Chlorotoluene

Concen: 19.690 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

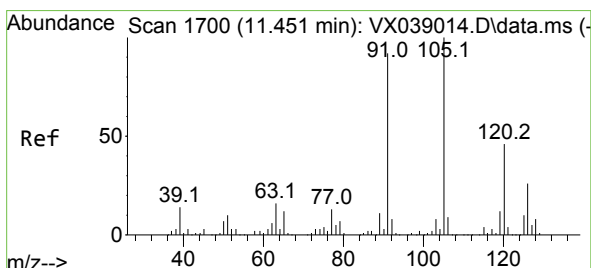
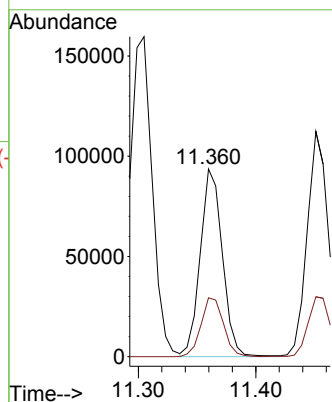
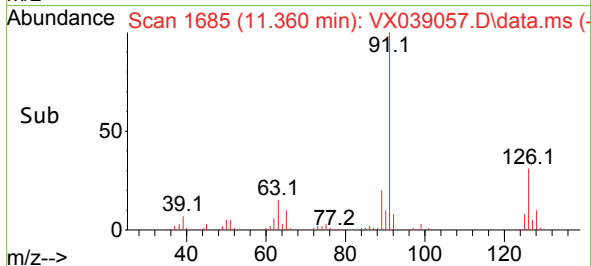
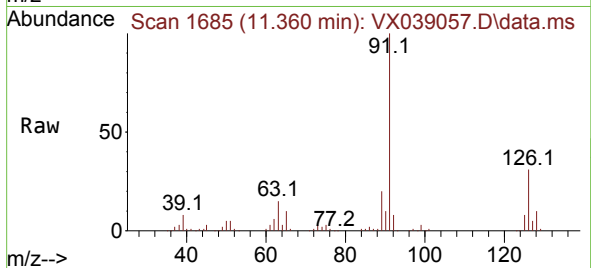
ClientSampleId :

Tgt Ion: 91 Resp: 122684

Ion Ratio Lower Upper

91 100

126 31.8 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 19.613 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039057.D

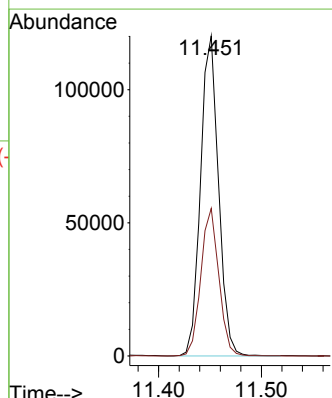
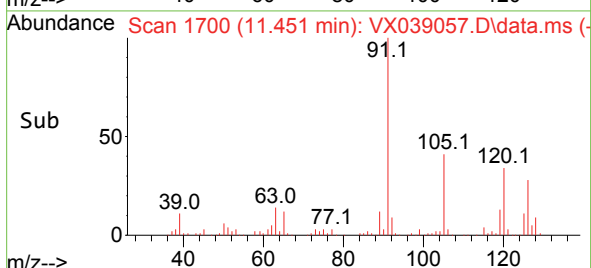
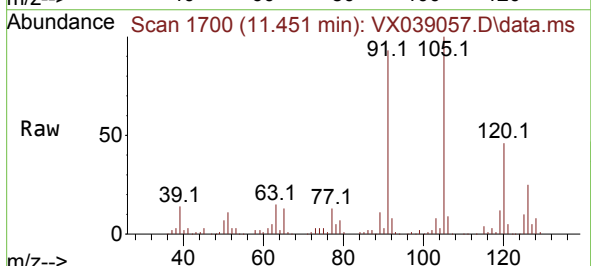
Acq: 29 Nov 2023 16:31

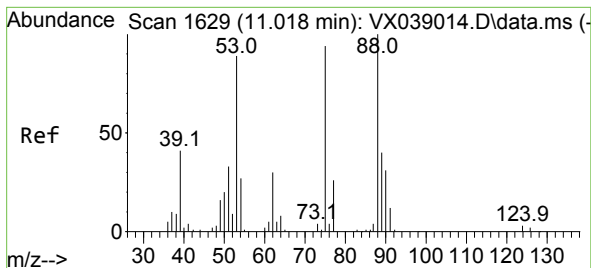
Tgt Ion: 105 Resp: 146461

Ion Ratio Lower Upper

105 100

120 46.1 0.0 92.6

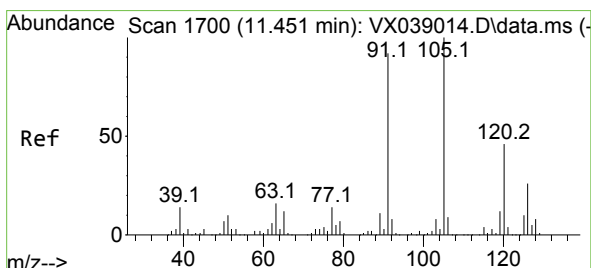
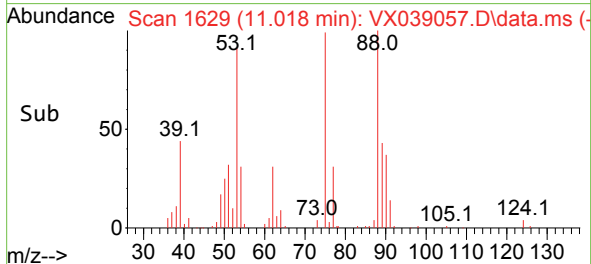
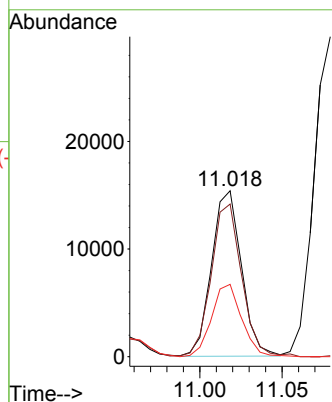
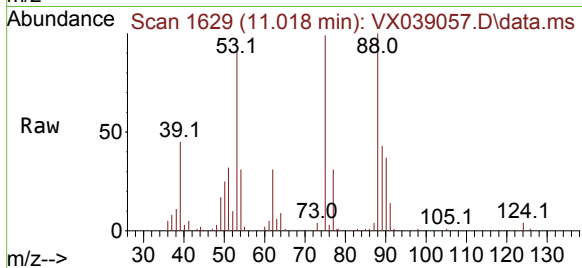




#77
t-1,4-Dichloro-2-butene
Concen: 17.907 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

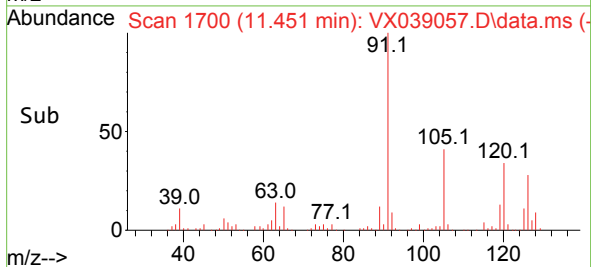
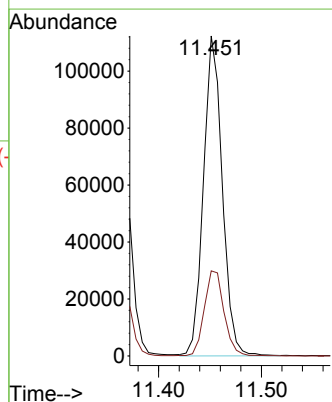
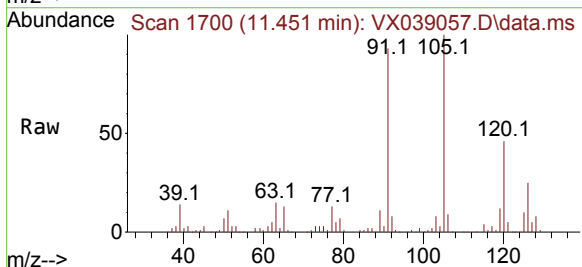
Instrument :
MSVOA_X
ClientSampleId :

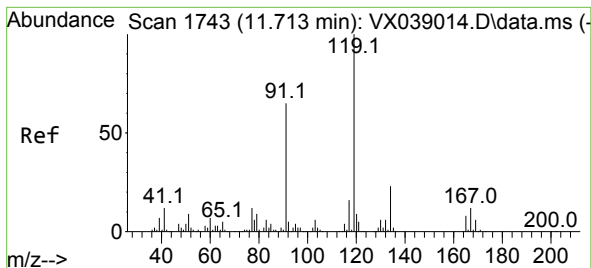
Tgt Ion: 75 Resp: 19429
Ion Ratio Lower Upper
75 100
53 91.9 46.9 140.8
89 43.8 21.3 63.7



#78
4-Chlorotoluene
Concen: 19.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 91 Resp: 143348
Ion Ratio Lower Upper
91 100
126 27.3 0.0 57.4





#79

tert-butylbenzene

Concen: 19.597 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

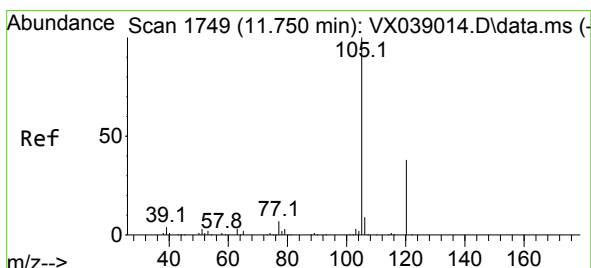
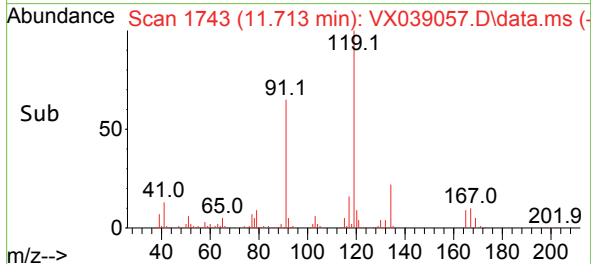
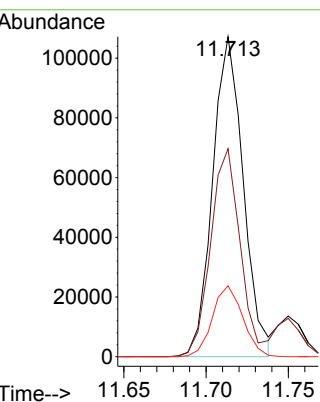
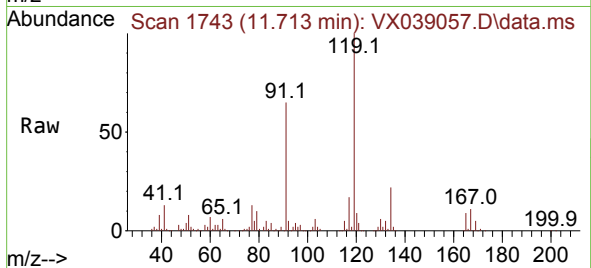
Tgt Ion:119 Resp: 139157

Ion Ratio Lower Upper

119 100

91 61.9 0.0 125.6

134 22.0 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 19.388 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039057.D

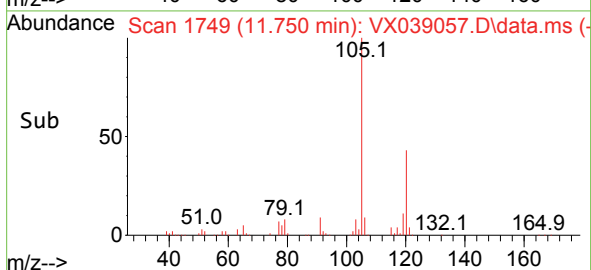
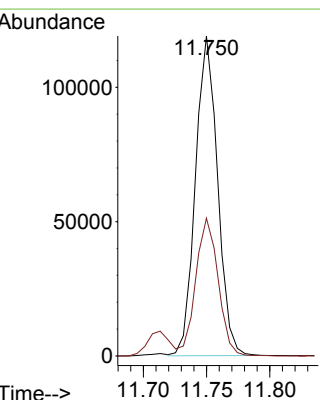
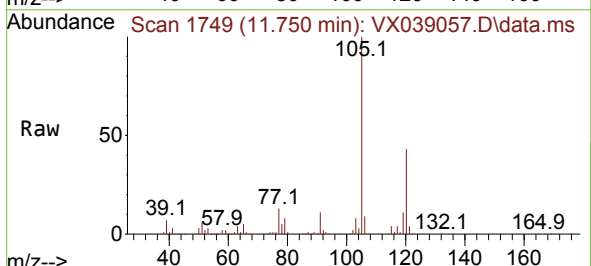
Acq: 29 Nov 2023 16:31

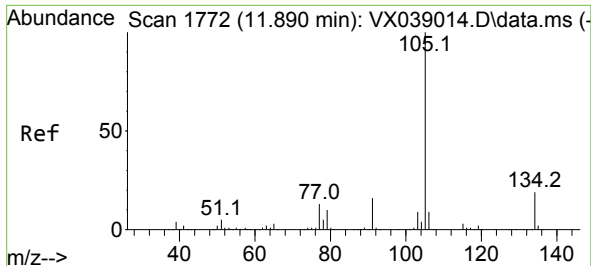
Tgt Ion:105 Resp: 144902

Ion Ratio Lower Upper

105 100

120 43.7 0.0 86.4

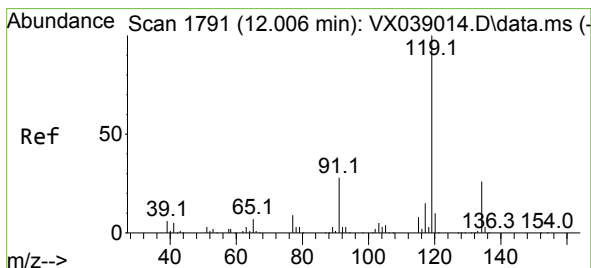
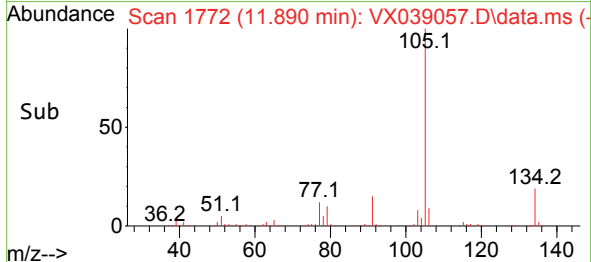
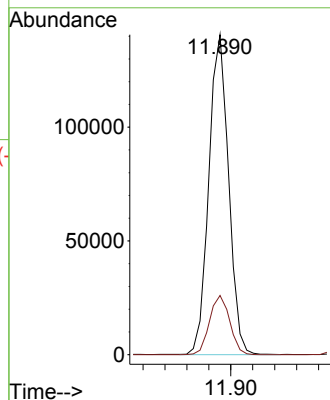
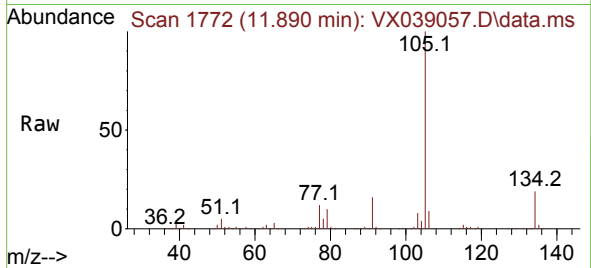




#81
 sec-Butylbenzene
 Concen: 19.632 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

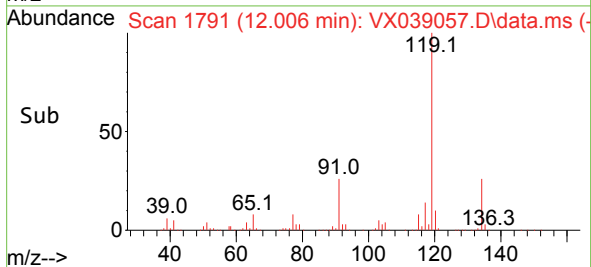
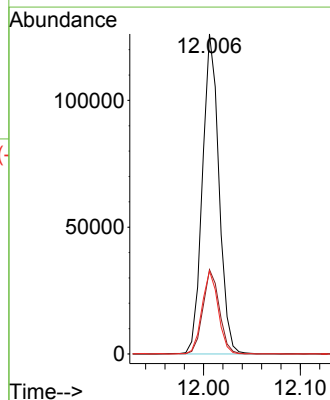
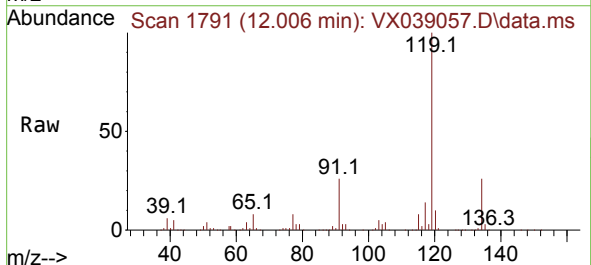
Instrument :
 MSVOA_X
 ClientSampleId :

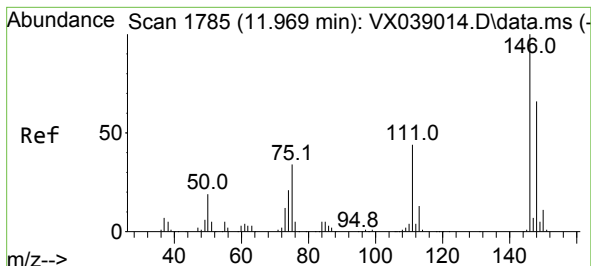
Tgt Ion:105 Resp: 176225
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 19.757 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039057.D
 Acq: 29 Nov 2023 16:31

Tgt Ion:119 Resp: 150310
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 25.2 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 19.446 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

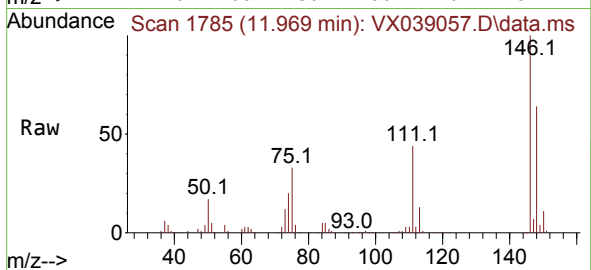
Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :



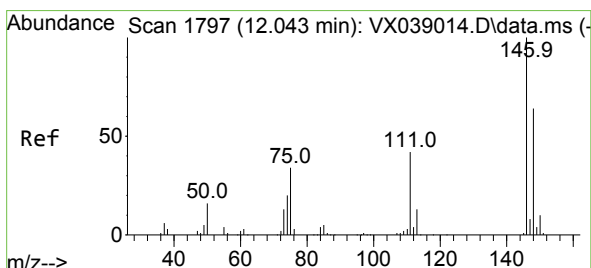
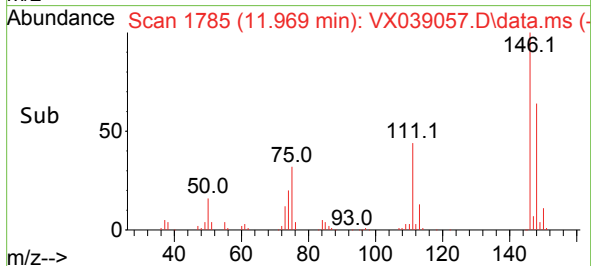
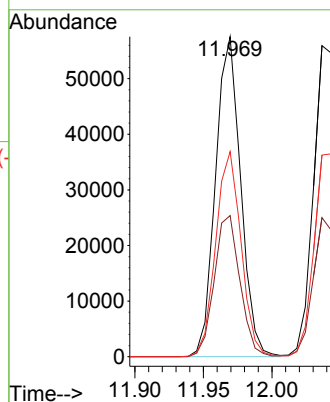
Tgt Ion:146 Resp: 73442

Ion Ratio Lower Upper

146 100

111 45.1 22.3 66.9

148 64.6 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 19.142 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

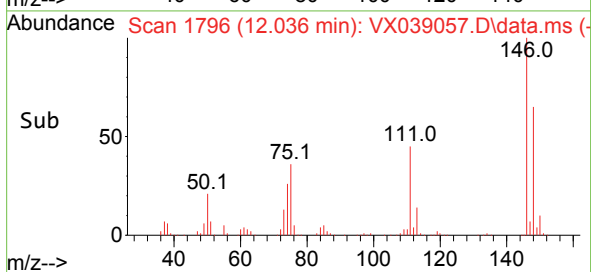
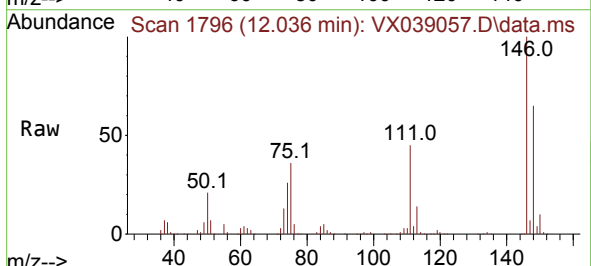
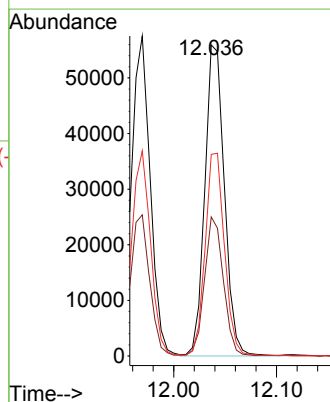
Tgt Ion:146 Resp: 74179

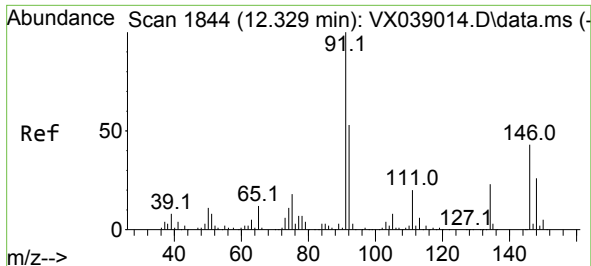
Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.2

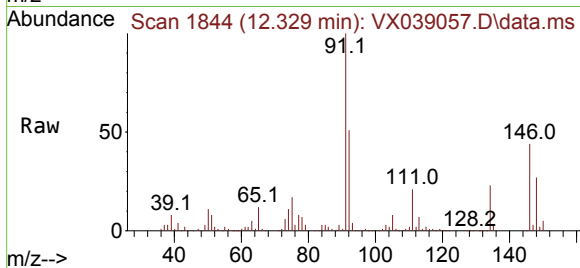
148 64.5 31.8 95.4



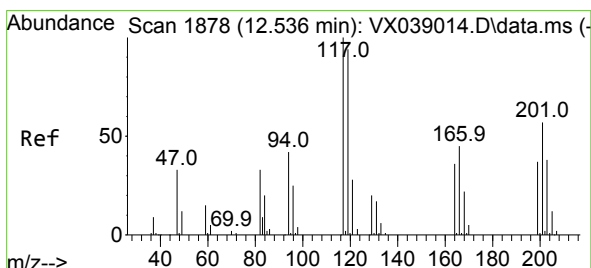
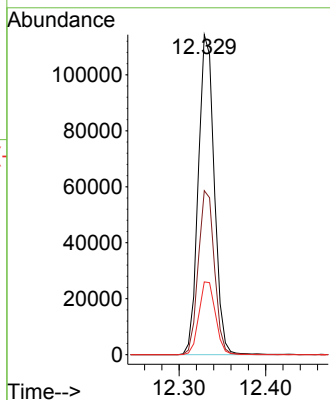
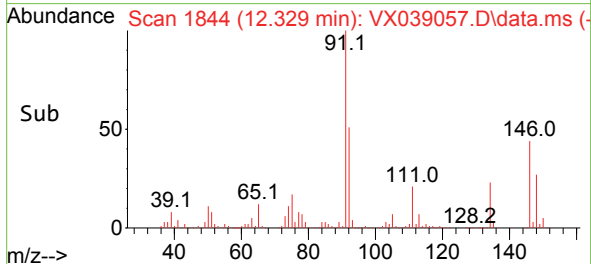


#85
n-Butylbenzene
Concen: 19.457 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

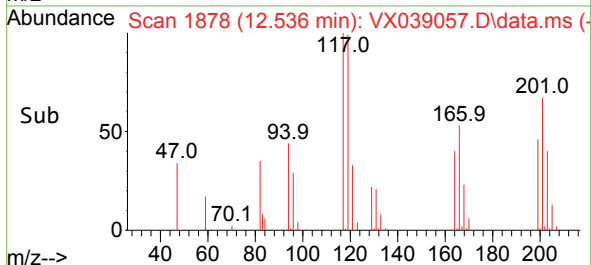
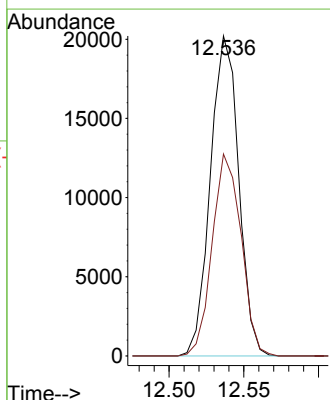
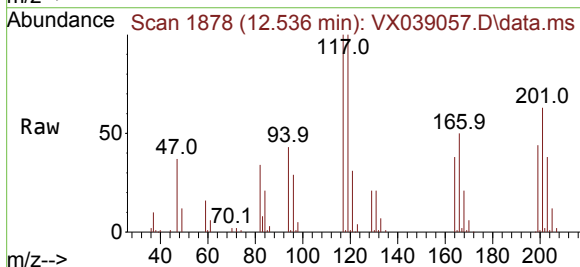


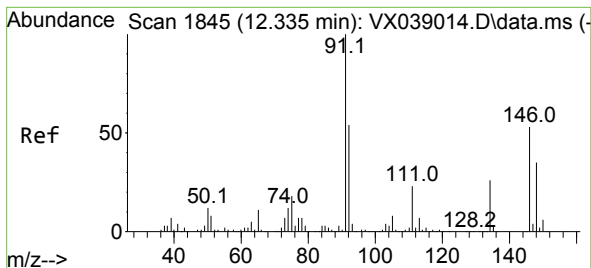
Tgt Ion: 91 Resp: 146180
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 23.6 0.0 48.8



#86
Hexachloroethane
Concen: 18.458 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion: 117 Resp: 26607
Ion Ratio Lower Upper
117 100
201 64.5 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.401 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

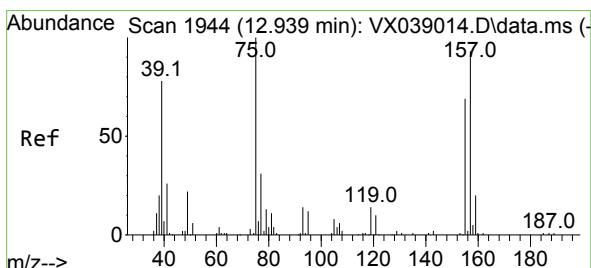
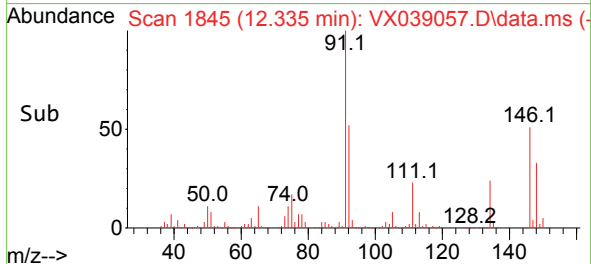
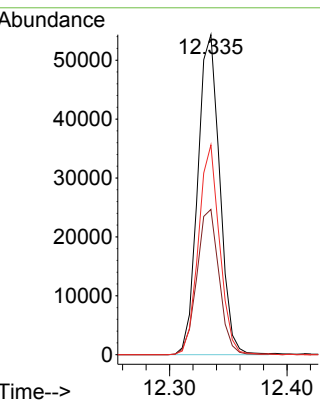
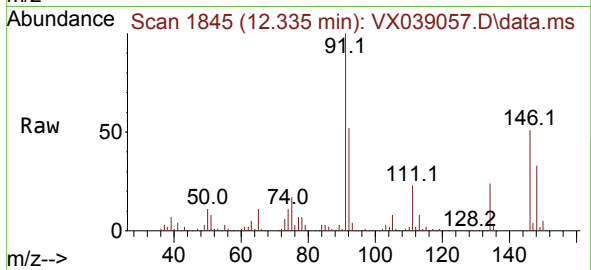
Tgt Ion:146 Resp: 70459

Ion Ratio Lower Upper

146 100

111 46.1 22.4 67.2

148 63.2 31.9 95.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.110 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

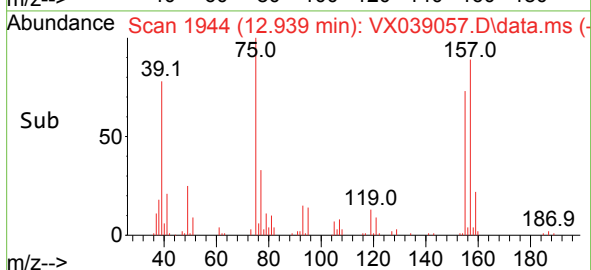
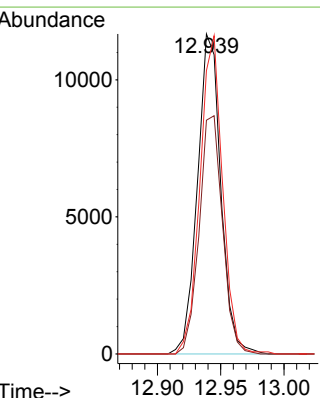
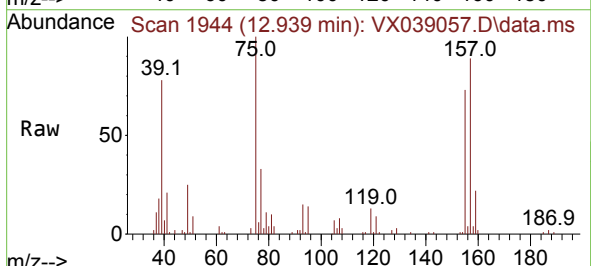
Tgt Ion: 75 Resp: 14988

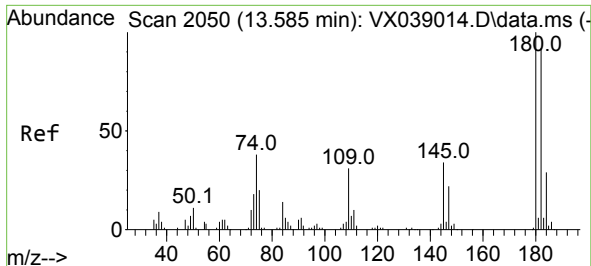
Ion Ratio Lower Upper

75 100

155 74.2 58.2 87.4

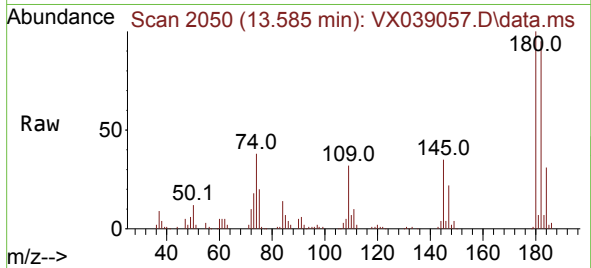
157 95.9 76.5 114.7



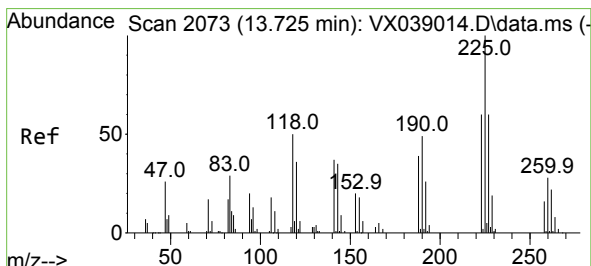
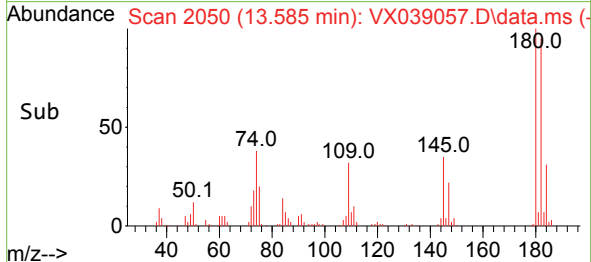
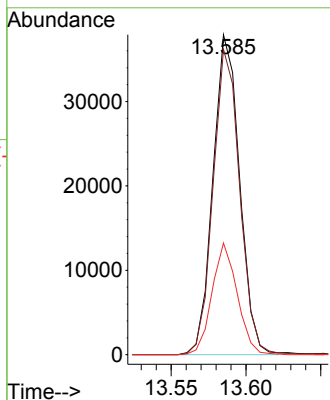


#89
1,2,4-Trichlorobenzene
Concen: 19.453 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :

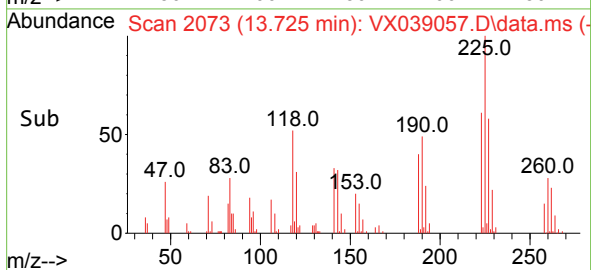
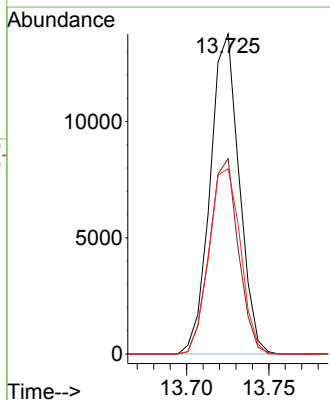
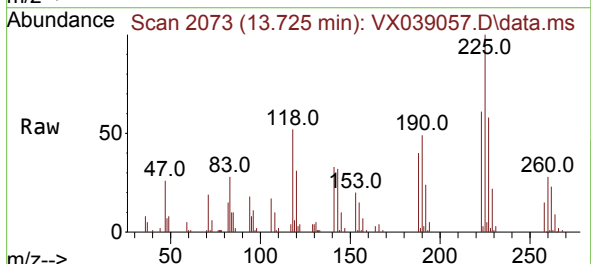


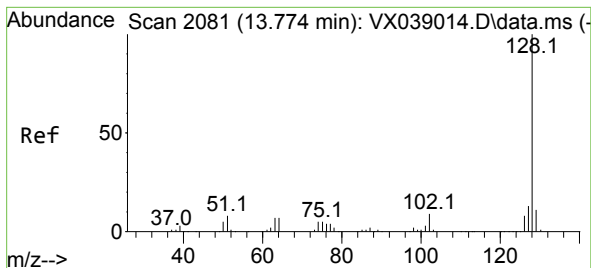
Tgt Ion:180 Resp: 46841
Ion Ratio Lower Upper
180 100
182 95.4 74.5 111.7
145 33.2 26.6 40.0



#90
Hexachlorobutadiene
Concen: 19.661 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039057.D
Acq: 29 Nov 2023 16:31

Tgt Ion:225 Resp: 16904
Ion Ratio Lower Upper
225 100
223 60.7 0.0 124.4
227 62.7 0.0 124.4





#91

Naphthalene

Concen: 18.495 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

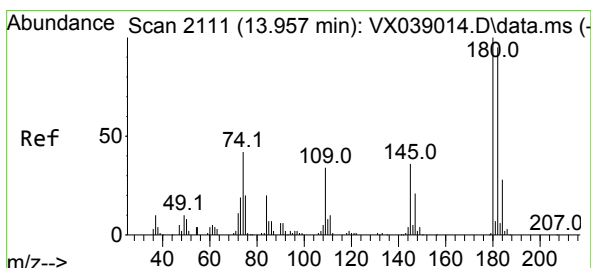
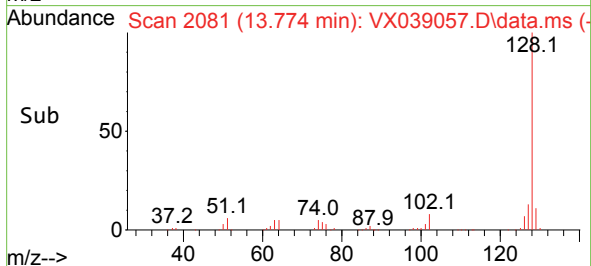
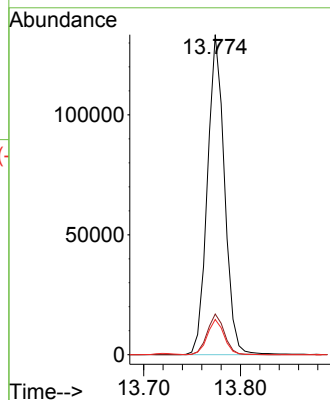
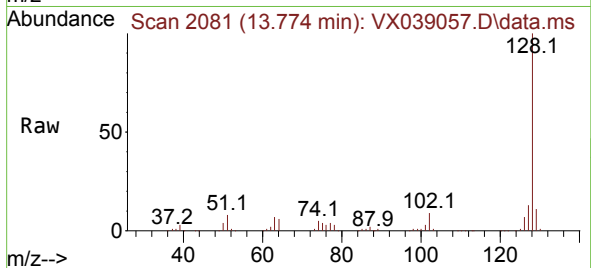
Tgt Ion:128 Resp: 164239

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 19.629 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039057.D

Acq: 29 Nov 2023 16:31

Tgt Ion:180 Resp: 45780

Ion Ratio Lower Upper

180 100

182 93.6 0.0 191.6

145 36.0 0.0 69.6

