

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039229.D
 Acq On : 15 Dec 2023 14:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:14:45 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	4.897	128	12025	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	94848	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	115746	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	53876	32.749	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.167%	
60) 4-Bromofluorobenzene	11.079	95	80577	31.873	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 106.233%	
63) Toluene-d8	8.647	98	139785	30.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40110	22.285	ug/l	97
3) Chloromethane	1.294	50	44312	21.502	ug/l	95
4) Vinyl Chloride	1.374	62	43431	20.875	ug/l	98
5) Bromomethane	1.605	94	26296	20.664	ug/l	97
6) Chloroethane	1.691	64	24472	20.198	ug/l	98
7) Trichlorofluoromethane	1.886	101	64026	22.297	ug/l	96
8) Diethyl Ether	2.130	74	23152	21.004	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	40639	25.045	ug/l	98
10) 1,1-Dichloroethene	2.319	96	37439	22.889	ug/l	95
11) Methyl Iodide	2.453	142	40766	22.744	ug/l	99
12) Methyl Acetate	2.697	43	134237	26.314	ug/l	98
13) Acrolein	2.233	56	40623	90.899	ug/l	98
14) Acrylonitrile	3.056	53	143860	115.299	ug/l	99
15) Acetone	2.373	58	38914	85.801	ug/l	88
16) Carbon Disulfide	2.508	76	100846	20.357	ug/l	96
17) Allyl chloride	2.660	41	76826	23.660	ug/l	94
18) Methylene Chloride	2.788	84	45605	23.522	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	41183	22.262	ug/l	96
20) Diisopropyl ether	3.751	45	148593	24.047	ug/l	97
21) 1,1-Dichloroethane	3.605	63	81447	23.707	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	48652	22.693	ug/l	96
23) tert-Butyl Alcohol	2.946	59	65105	94.254	ug/l	# 100
24) Methyl tert-Butyl Ether	3.105	73	143853	23.874	ug/l	95
25) Chloroform	5.086	83	82249	23.853	ug/l	93
26) Cyclohexane	5.464	56	67921	21.843	ug/l	# 97
29) 1,1-Dichloropropene	5.684	75	59970	22.555	ug/l	97
30) 2-Butanone	4.544	43	205167	102.489	ug/l	99
31) 2,2-Dichloropropane	4.471	77	68136	22.413	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	68806	22.389	ug/l	98
33) Carbon Tetrachloride	5.672	117	55415	21.407	ug/l	98
34) Benzene	6.031	78	172442	22.264	ug/l	99
35) Methacrylonitrile	4.910	41	39744	22.413	ug/l	95
36) 1,2-Dichloroethane	6.080	62	68157	23.982	ug/l	98
37) Trichloroethene	7.116	130	42399	21.568	ug/l	98
38) Methylcyclohexane	7.373	83	69842	21.082	ug/l	97
39) 1,2-Dichloropropane	7.427	63	47243	23.128	ug/l	97
40) Dibromomethane	7.574	93	32217	22.322	ug/l	97
41) Bromodichloromethane	7.818	83	62984	22.716	ug/l	99
42) Vinyl Acetate	3.715	43	542140	113.704	ug/l	99

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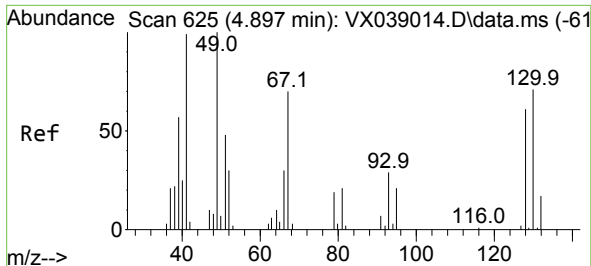
Quant Time: Dec 16 01:14:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	74974	21.769	ug/l	99
44) Isopropyl Acetate	6.330	43	123009	22.657	ug/l	97
45) 1,4-Dioxane	7.653	88	20630	372.220	ug/l	95
46) Methyl methacrylate	7.683	41	72094	23.225	ug/l	99
47) n-amyl Acetate	10.841	43	101904	22.176	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	69172	21.515	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	73660	22.209	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	44405	22.649	ug/l	97
51) Ethyl methacrylate	9.110	69	55848	22.756	ug/l	98
52) 1,3-Dichloropropane	9.305	76	75207	22.371	ug/l	99
53) Dibromochloromethane	9.518	129	44529	21.148	ug/l	99
54) 1,2-Dibromoethane	9.604	107	47137	21.924	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	180356	115.940	ug/l	98
56) Bromoform	10.799	173	30088	19.799	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	402705	114.732	ug/l	99
59) 2-Hexanone	9.427	43	322663	111.992	ug/l	98
61) Tetrachloroethene	9.269	164	33474	22.244	ug/l	92
62) Toluene	8.714	91	183563	22.338	ug/l	99
64) Chlorobenzene	10.073	112	110678	22.142	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	39520	21.953	ug/l	99
66) Ethyl Benzene	10.189	91	212376	22.696	ug/l	98
67) m/p-Xylenes	10.299	106	151312	43.761	ug/l	96
68) o-Xylene	10.640	106	72713	21.709	ug/l	95
69) Styrene	10.652	104	109605	22.112	ug/l	97
70) Isopropylbenzene	10.957	105	200116	22.331	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	75712	22.632	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	87985	31.081	ug/l	90
73) Bromobenzene	11.195	156	44170	21.649	ug/l	92
74) n-propylbenzene	11.299	91	249921	22.763	ug/l	98
75) 2-Chlorotoluene	11.360	91	145650	22.611	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	173277	22.445	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	22543	20.097	ug/l	89
78) 4-Chlorotoluene	11.451	91	173472	22.906	ug/l	96
79) tert-butylbenzene	11.713	119	160159	21.817	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	169641	21.956	ug/l	98
81) sec-Butylbenzene	11.890	105	204797	22.068	ug/l	99
82) p-Isopropyltoluene	12.006	119	170304	21.653	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	84670	21.685	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	85776	21.410	ug/l	99
85) n-Butylbenzene	12.329	91	173411	22.326	ug/l	98
86) Hexachloroethane	12.536	117	30317	20.343	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	81410	21.683	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	19581	22.886	ug/l	90
89) 1,2,4-Trichlorobenzene	13.585	180	52034	20.903	ug/l	96
90) Hexachlorobutadiene	13.725	225	20171	22.693	ug/l	99
91) Naphthalene	13.774	128	194291	21.163	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	51545	21.377	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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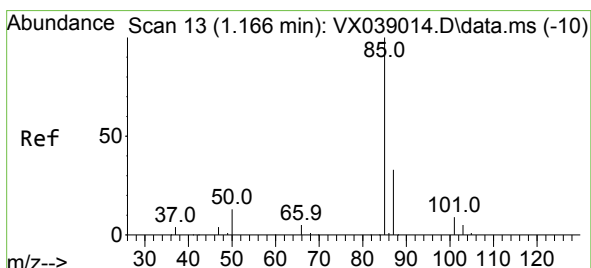
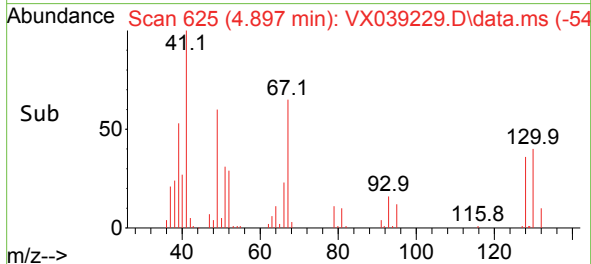
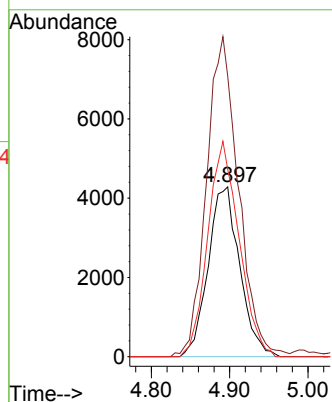
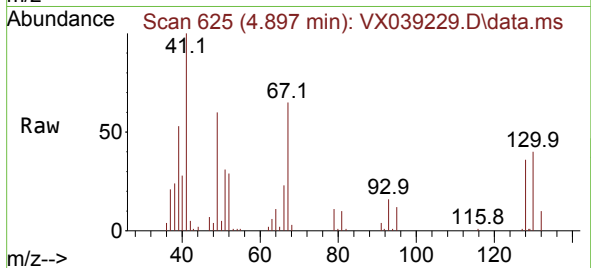




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

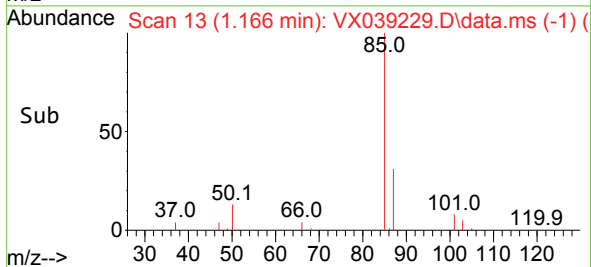
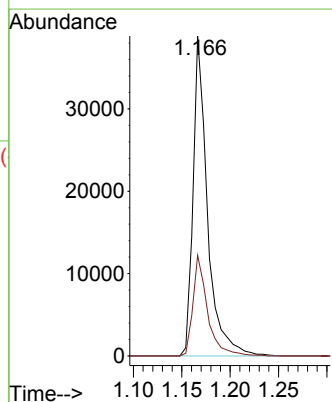
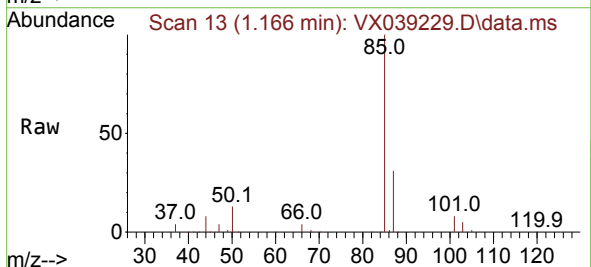
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MSVOA_X
ClientSampleId :

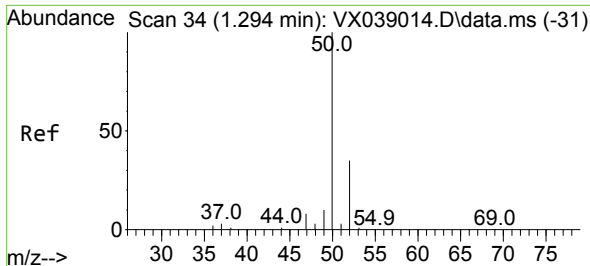
Tgt Ion:128 Resp: 12025
Ion Ratio Lower Upper
128 100
49 190.5 0.0 444.0
130 126.0 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 22.285 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 85 Resp: 40110
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

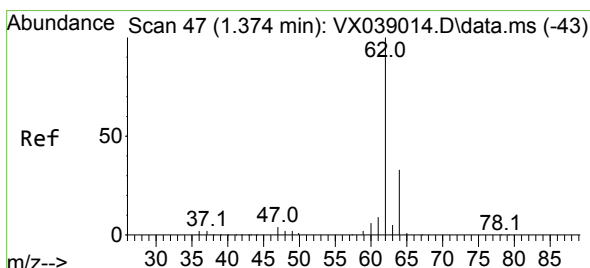
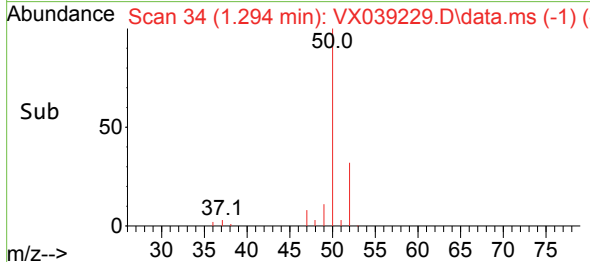
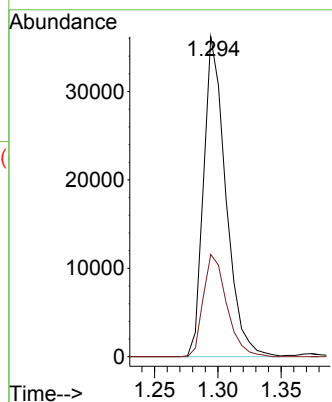
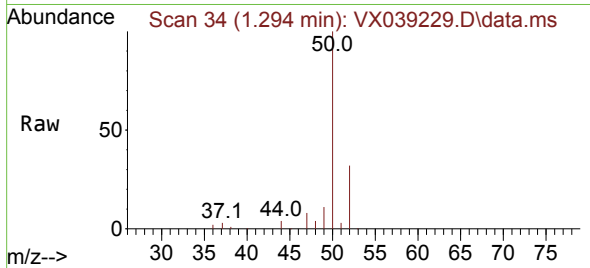




#3
Chloromethane
Concen: 21.502 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

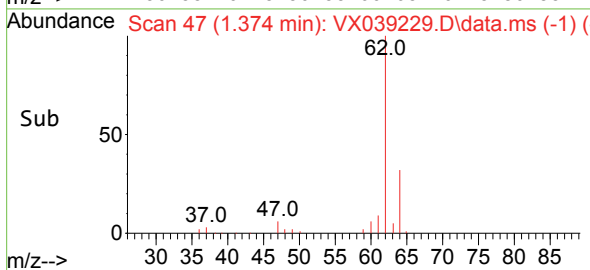
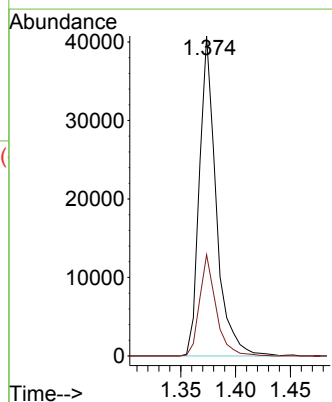
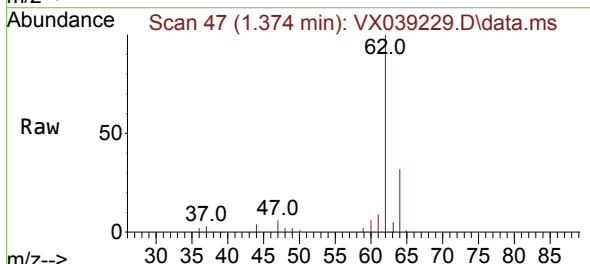
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MSVOA_X
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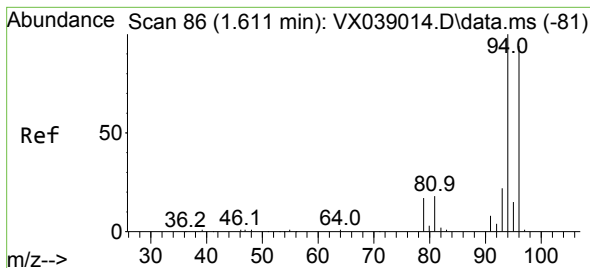
Tgt Ion: 50 Resp: 44312
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8



#4
Vinyl Chloride
Concen: 20.875 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 62 Resp: 43431
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





#5

Bromomethane

Concen: 20.664 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

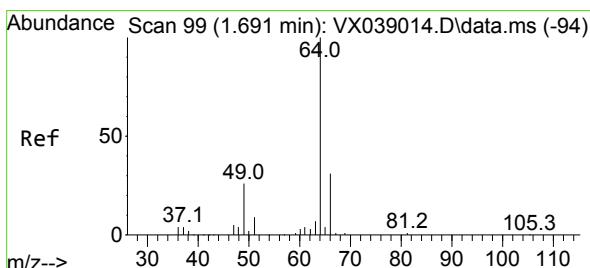
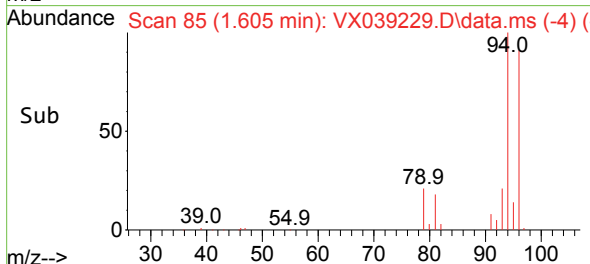
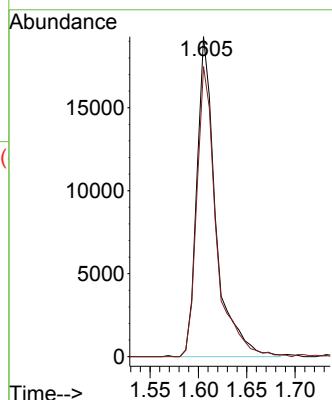
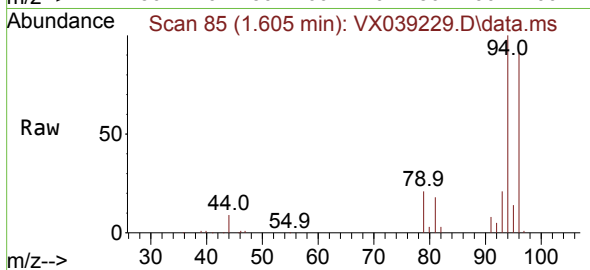
ClientSampleId :

Tgt Ion: 94 Resp: 26296

Ion Ratio Lower Upper

94 100

96 90.7 74.9 112.3



#6

Chloroethane

Concen: 20.198 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX039229.D

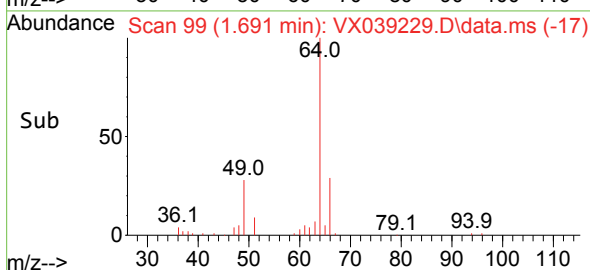
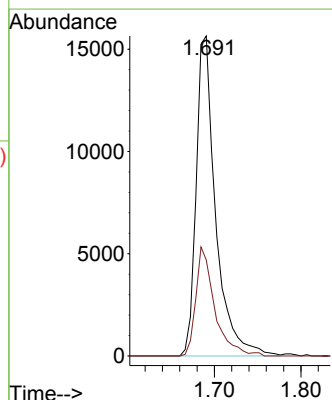
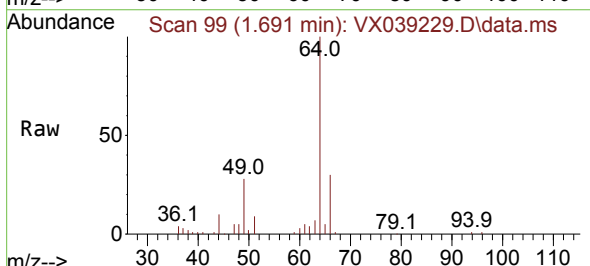
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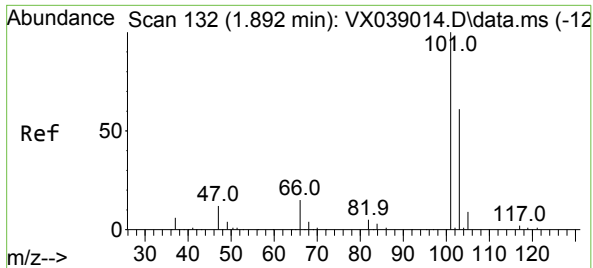
Tgt Ion: 64 Resp: 24472

Ion Ratio Lower Upper

64 100

66 30.0 25.0 37.6

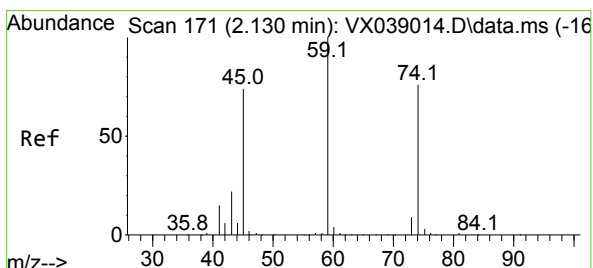
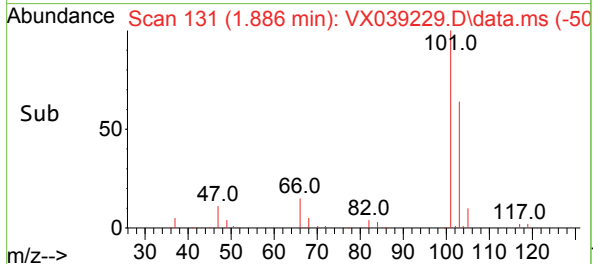
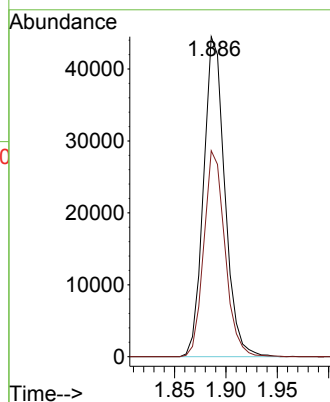
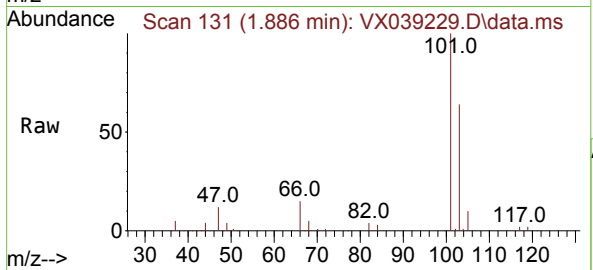




#7
 Trichlorofluoromethane
 Concen: 22.297 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

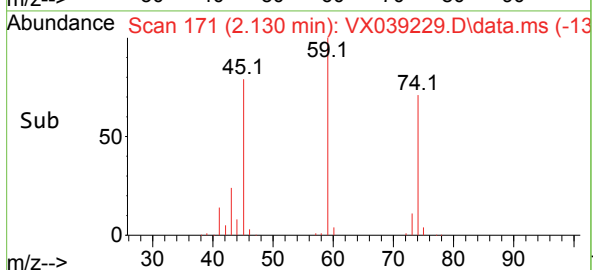
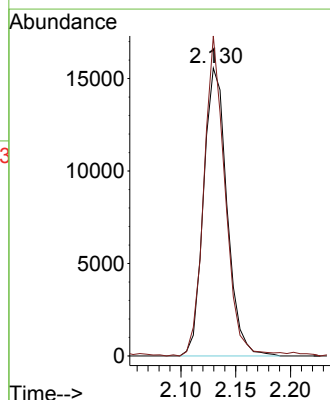
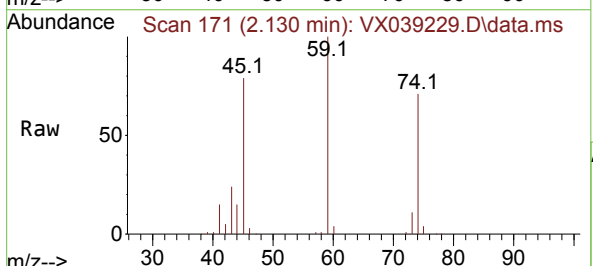
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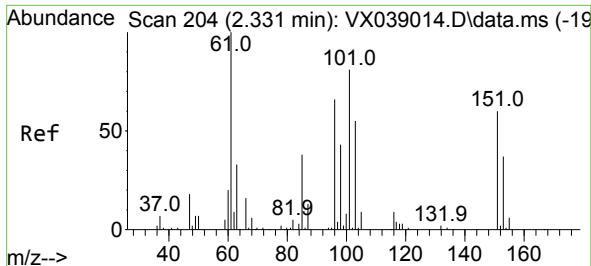
Tgt Ion:101 Resp: 64026
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.1 73.7



#8
 Diethyl Ether
 Concen: 21.004 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

Tgt Ion: 74 Resp: 23152
 Ion Ratio Lower Upper
 74 100
 45 100.0 20.5 184.5

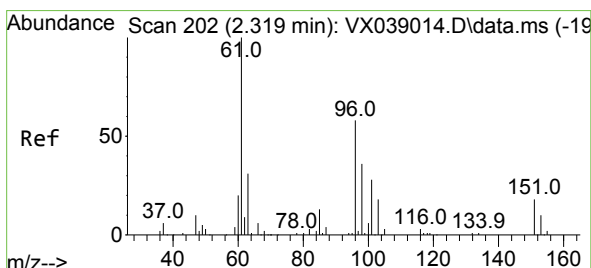
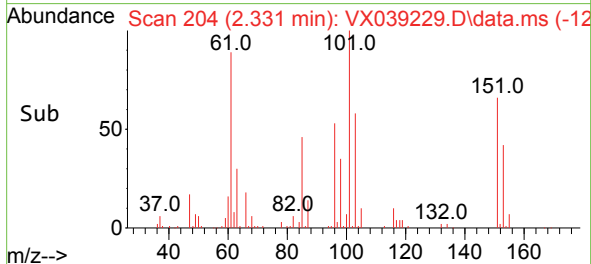
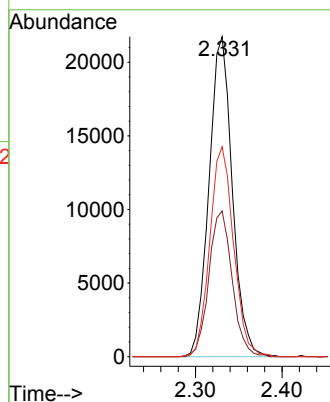
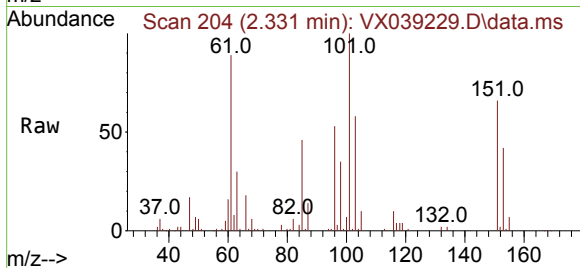




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 25.045 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

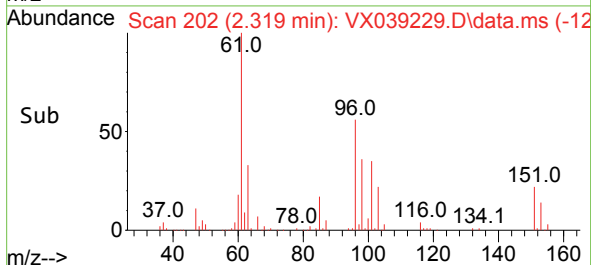
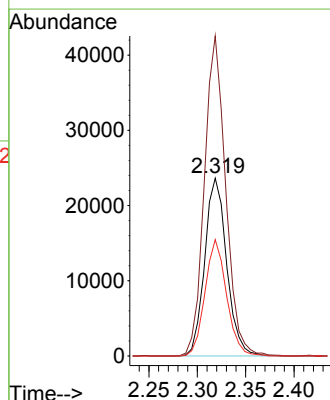
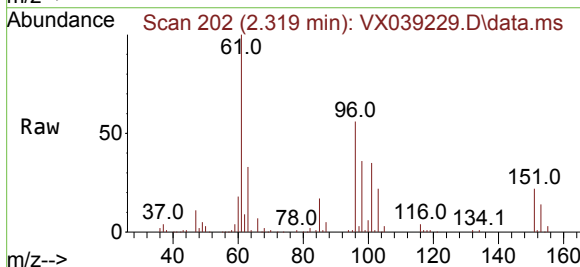
Instrument :
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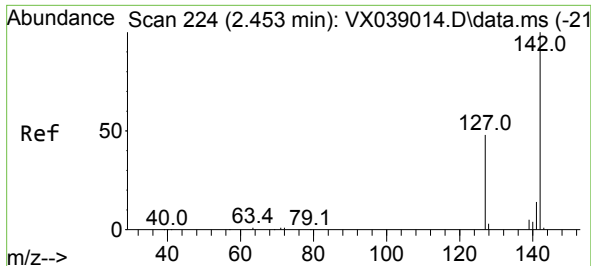
Tgt Ion:101 Resp: 40639
 Ion Ratio Lower Upper
 101 100
 85 45.4 0.0 95.2
 151 66.9 0.0 136.8



#10
 1,1-Dichloroethene
 Concen: 22.889 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039229.D
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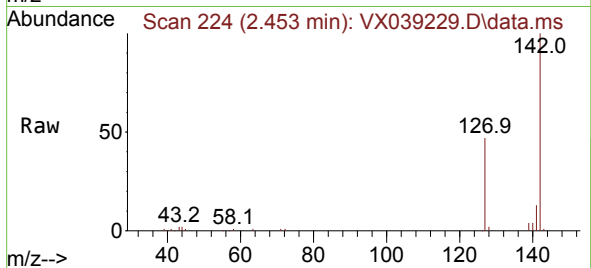
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 Ion Ratio Lower Upper
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 61 179.8 138.3 207.5
 98 65.4 49.8 74.6



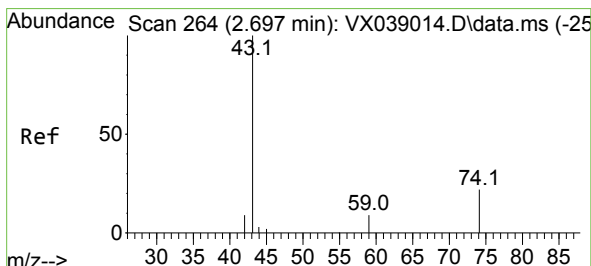
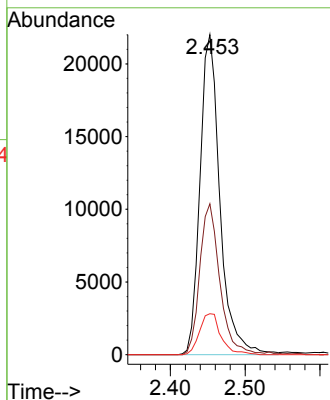
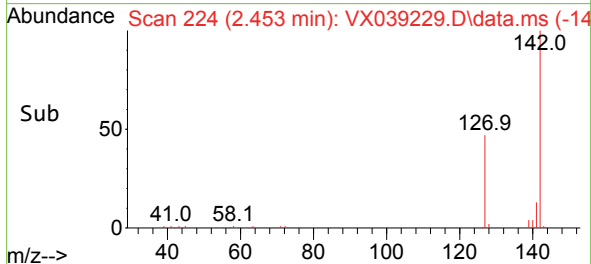


#11
Methyl Iodide
Concen: 22.744 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :

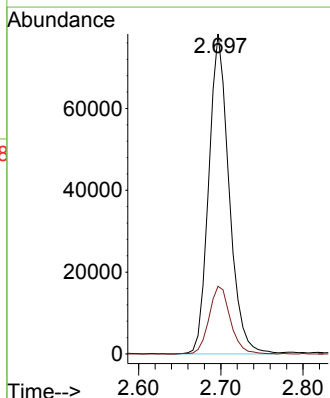
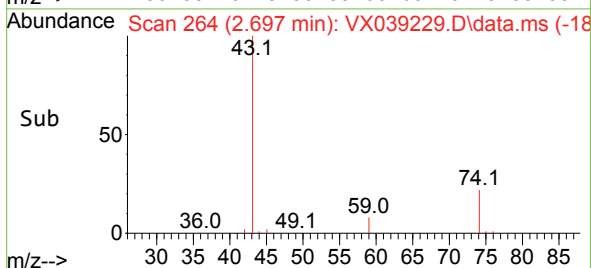
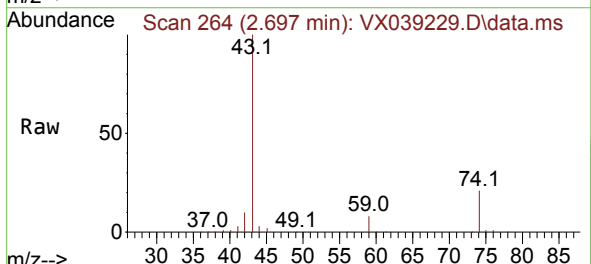


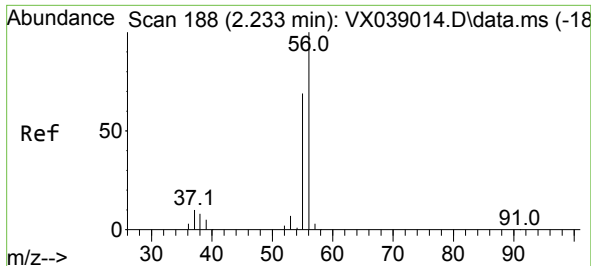
Tgt Ion:142 Resp: 40766
Ion Ratio Lower Upper
142 100
127 47.1 23.8 71.4
141 12.8 6.9 20.6



#12
Methyl Acetate
Concen: 26.314 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

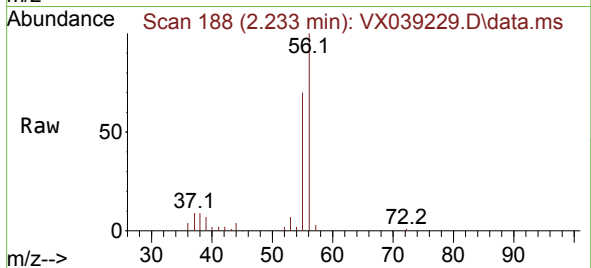
Tgt Ion: 43 Resp: 134237
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.6



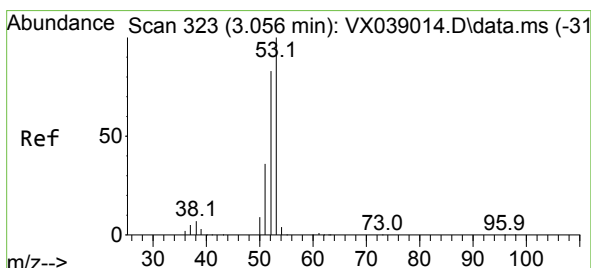
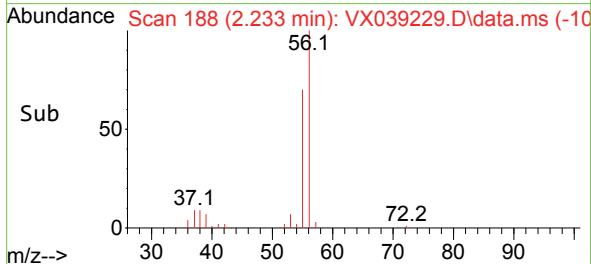
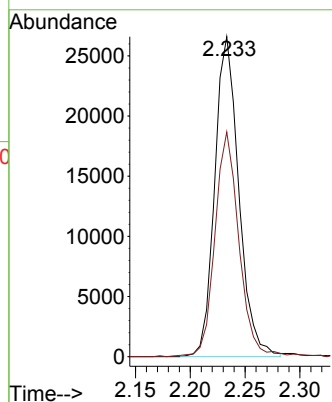


#13
Acrolein
Concen: 90.899 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :

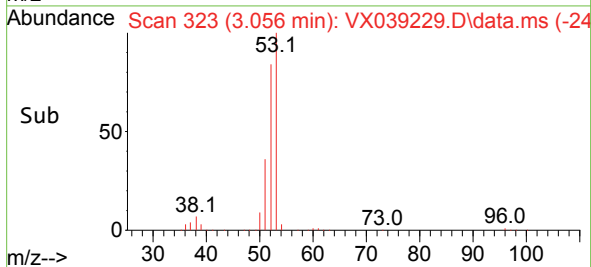
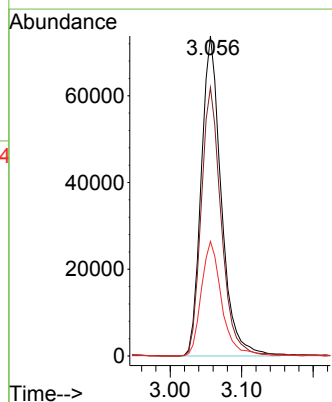
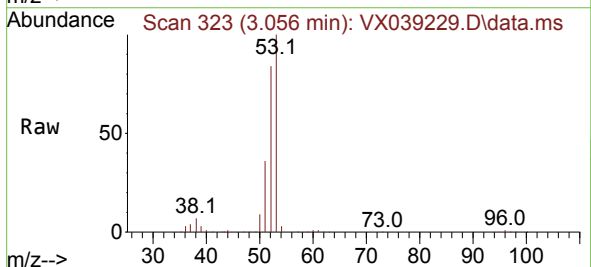


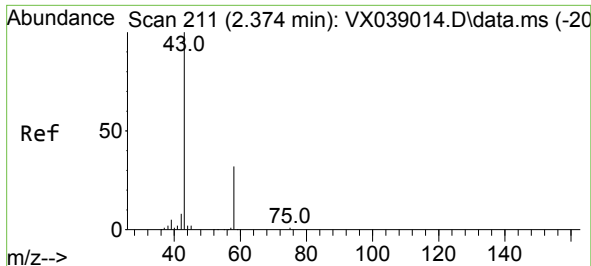
Tgt Ion: 56 Resp: 40623
Ion Ratio Lower Upper
56 100
55 69.8 57.2 85.8



#14
Acrylonitrile
Concen: 115.299 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 53 Resp: 143860
Ion Ratio Lower Upper
53 100
52 83.2 41.9 125.6
51 36.4 18.3 54.9

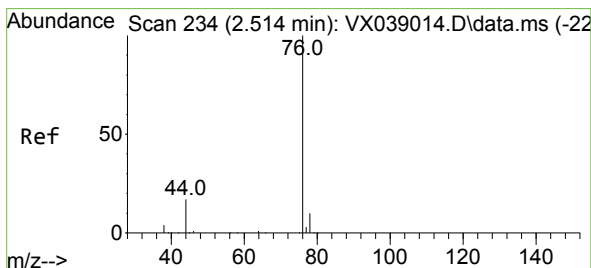
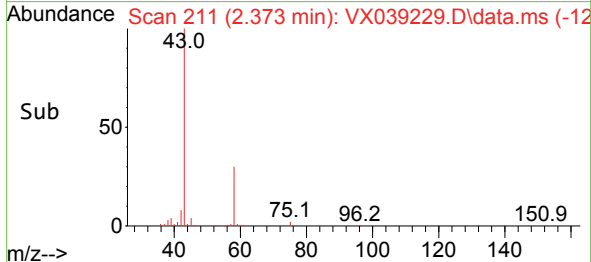
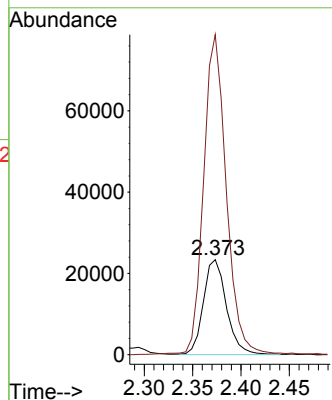
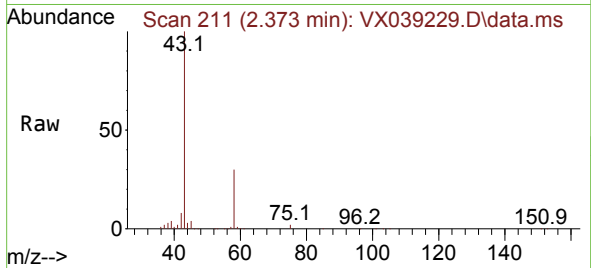




#15
Acetone
Concen: 85.801 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

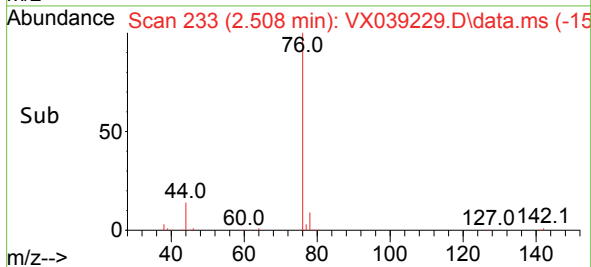
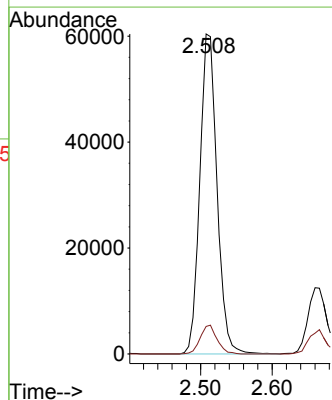
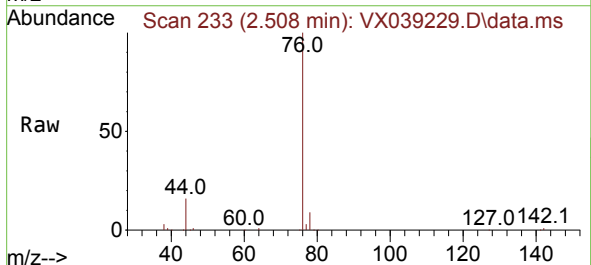
Instrument :
MSVOA_X
ClientSampleId :

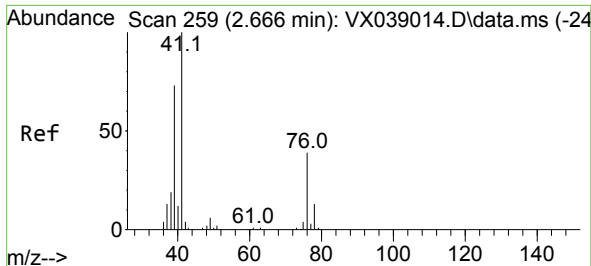
Tgt Ion: 58 Resp: 38914
Ion Ratio Lower Upper
58 100
43 336.4 249.9 374.9



#16
Carbon Disulfide
Concen: 20.357 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

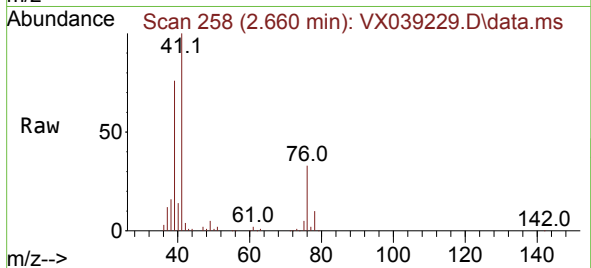
Tgt Ion: 76 Resp: 100846
Ion Ratio Lower Upper
76 100
78 8.6 8.0 12.0



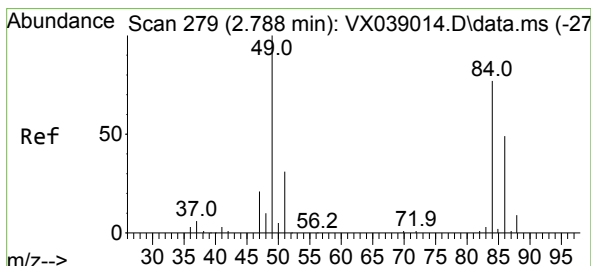
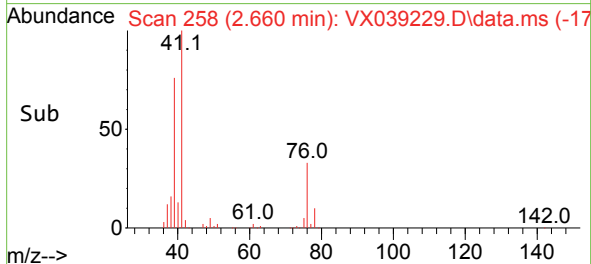
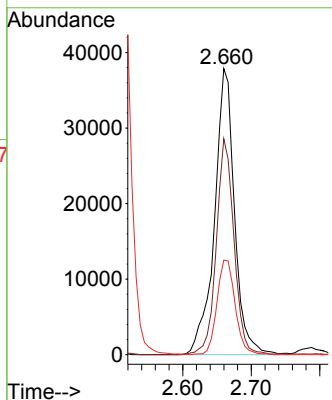


#17
 Allyl chloride
 Concen: 23.660 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

Instrument :
 MSVOA_X
 ClientSampleId :

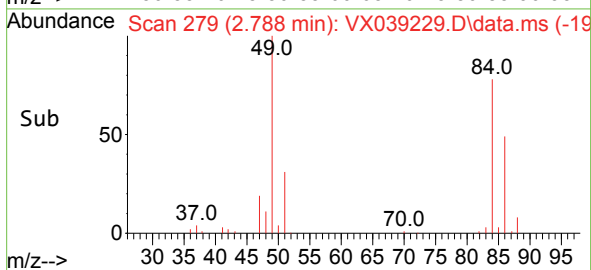
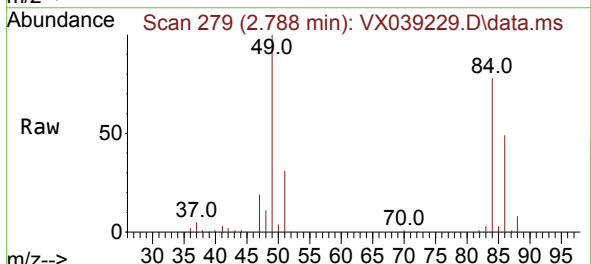
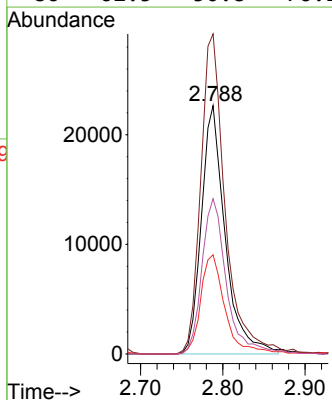


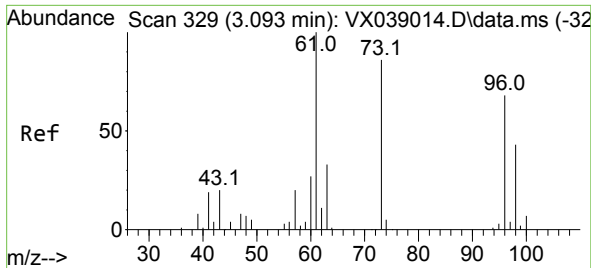
Tgt Ion: 41 Resp: 76826
 Ion Ratio Lower Upper
 41 100
 39 75.5 36.5 109.5
 76 33.0 19.7 59.0



#18
 Methylene Chloride
 Concen: 23.522 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

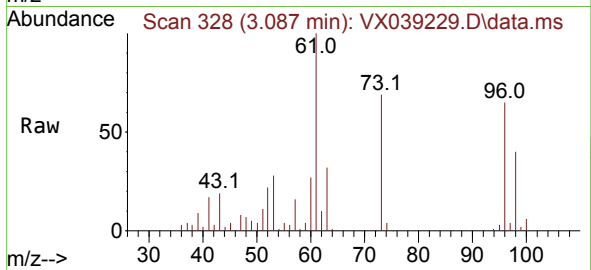
Tgt Ion: 84 Resp: 45605
 Ion Ratio Lower Upper
 84 100
 49 128.6 103.8 155.8
 51 40.0 31.8 47.6
 86 62.5 50.8 76.2



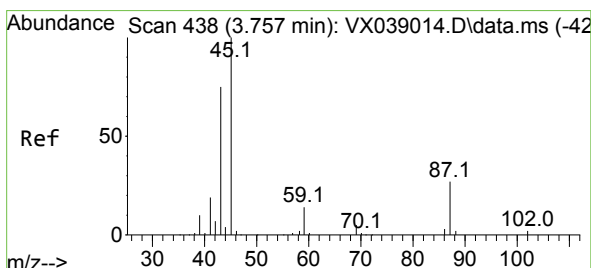
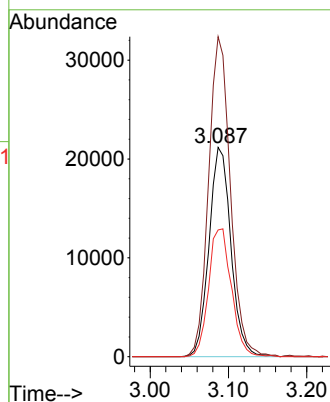
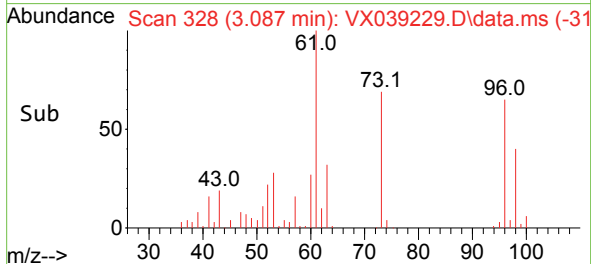


#19
trans-1,2-Dichloroethene
Concen: 22.262 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

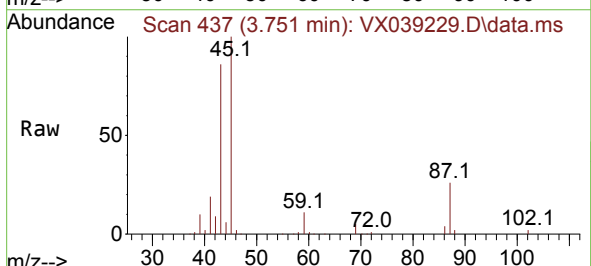
Instrument :
MSVOA_X
ClientSampleId :



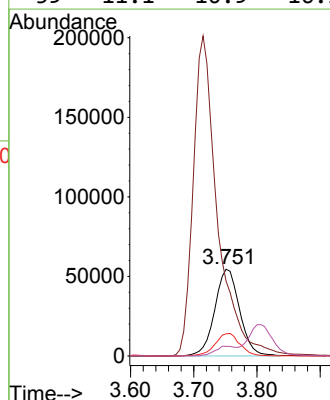
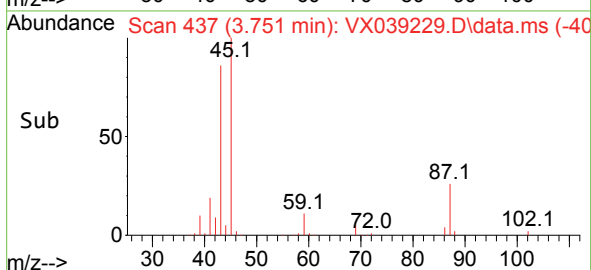
Tgt Ion: 96 Resp: 41183
Ion Ratio Lower Upper
96 100
61 152.9 117.9 176.9
98 60.5 51.0 76.6

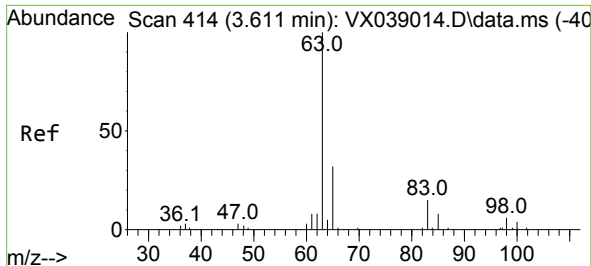


#20
Diisopropyl ether
Concen: 24.047 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52



Tgt Ion: 45 Resp: 148593
Ion Ratio Lower Upper
45 100
43 82.5 67.7 101.5
87 25.5 21.5 32.3
59 11.1 10.9 16.3

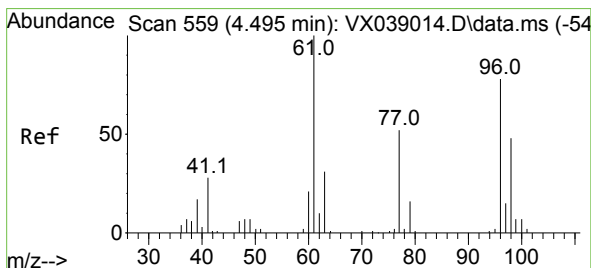
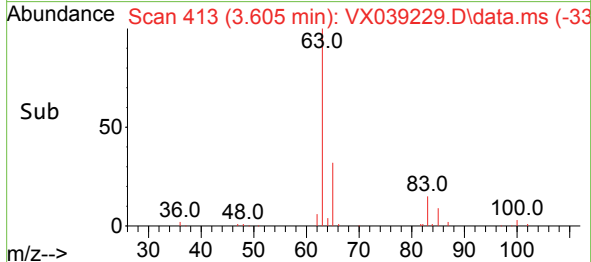
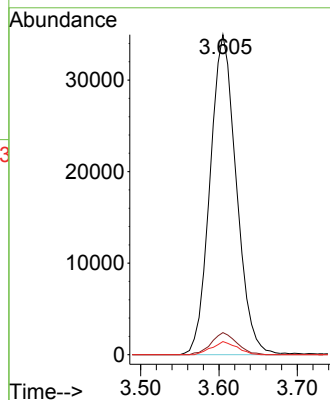
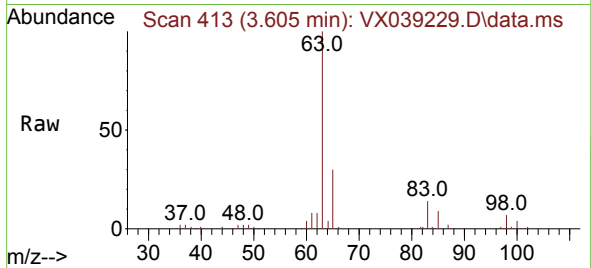




#21
1,1-Dichloroethane
Concen: 23.707 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

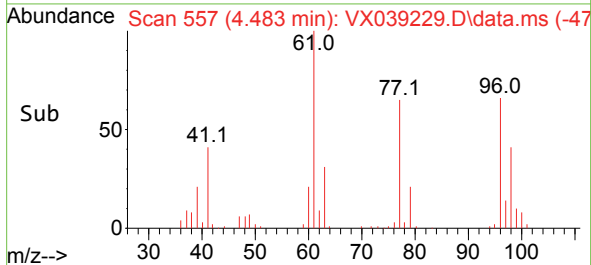
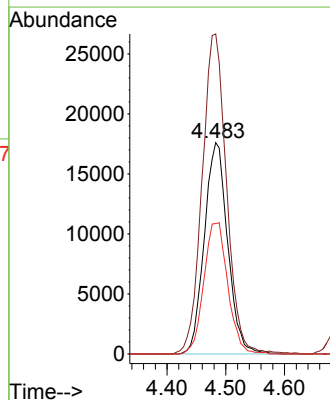
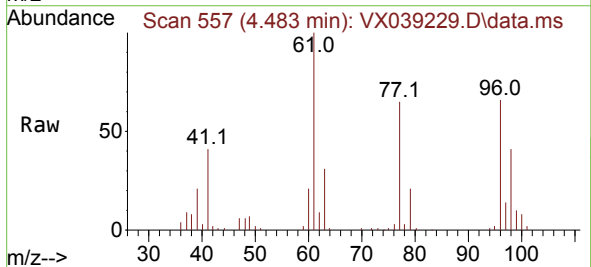
Instrument :
MSVOA_X
ClientSampleId :

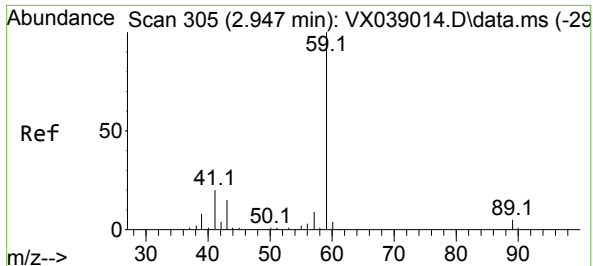
Tgt Ion: 63 Resp: 81447
Ion Ratio Lower Upper
63 100
98 6.9 2.9 8.8
100 4.1 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 22.693 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 96 Resp: 48652
Ion Ratio Lower Upper
96 100
61 157.4 119.8 179.6
98 63.6 50.9 76.3





#23

tert-Butyl Alcohol

Concen: 94.254 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

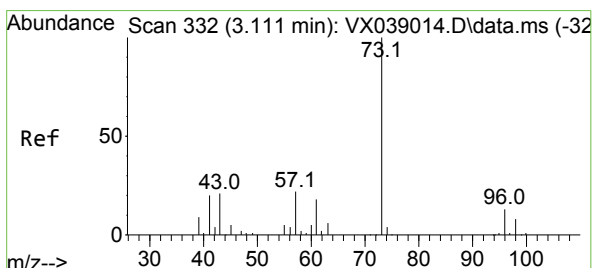
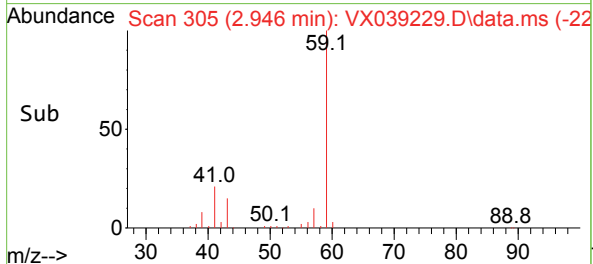
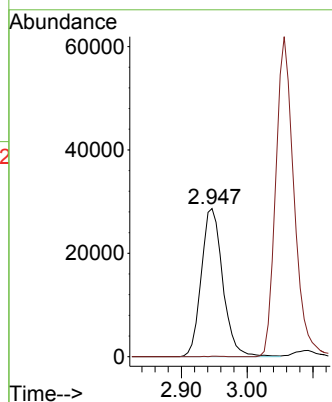
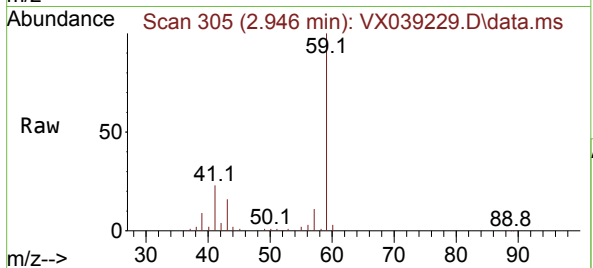
ClientSampleId :

Tgt Ion: 59 Resp: 65105

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 23.874 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX039229.D

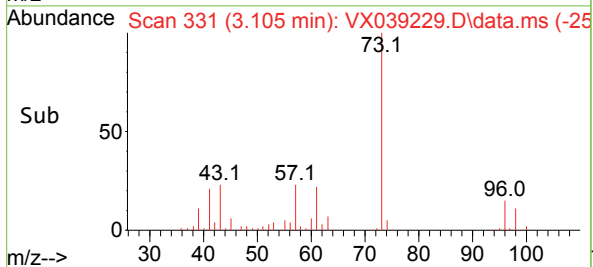
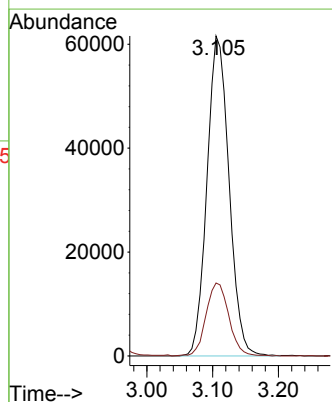
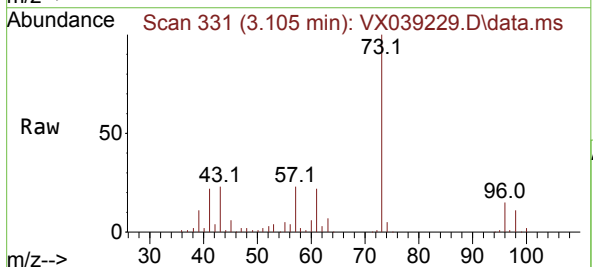
Acq: 15 Dec 2023 14:52

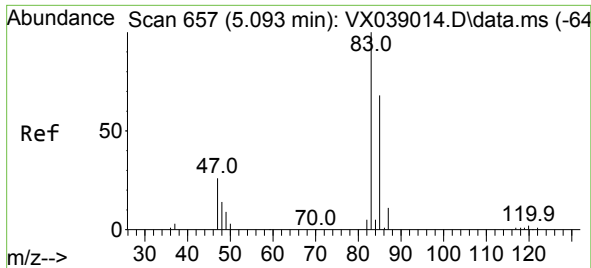
Tgt Ion: 73 Resp: 143853

Ion Ratio Lower Upper

73 100

43 23.4 17.0 25.6

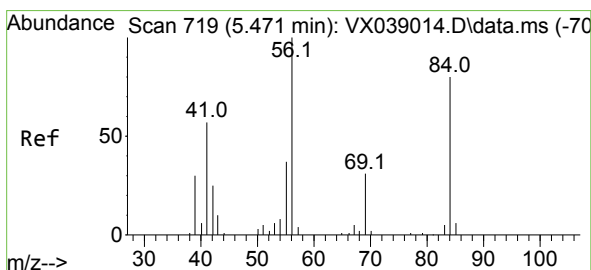
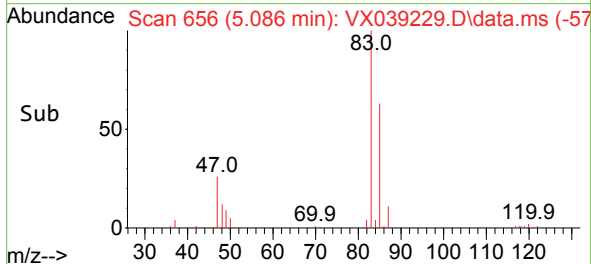
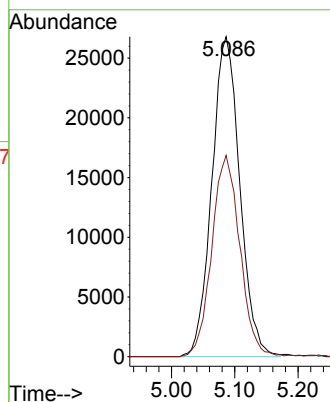
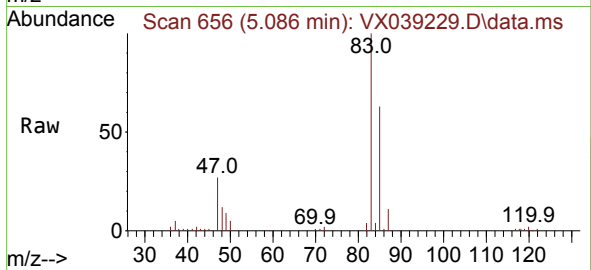




#25
Chloroform
Concen: 23.853 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

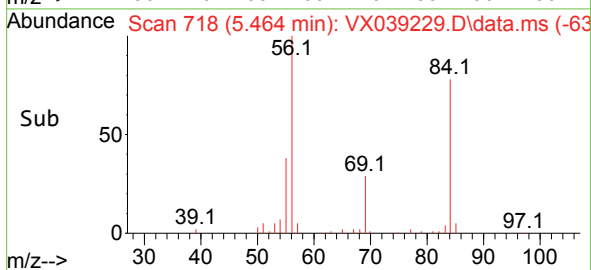
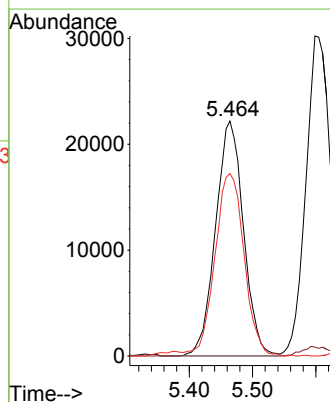
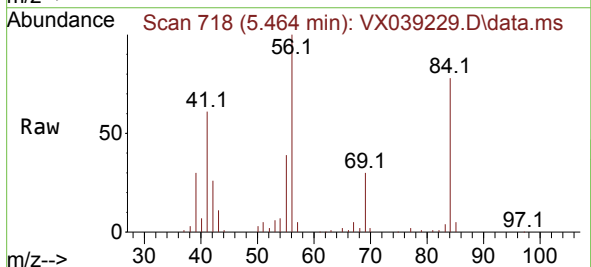
Instrument :
MSVOA_X
ClientSampleId :

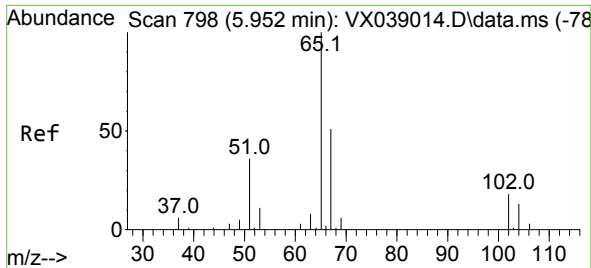
Tgt Ion: 83 Resp: 82249
Ion Ratio Lower Upper
83 100
85 62.9 54.6 81.8



#26
Cyclohexane
Concen: 21.843 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 56 Resp: 67921
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.0 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 32.749 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

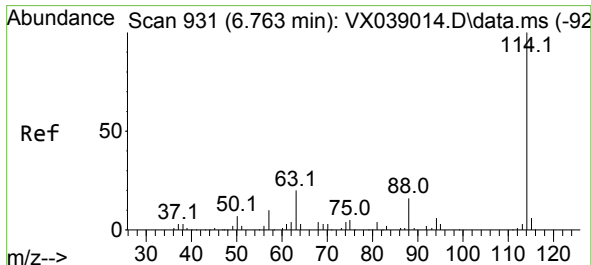
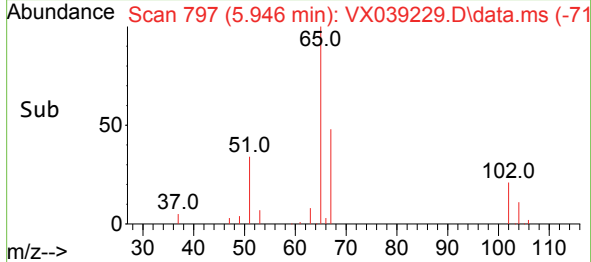
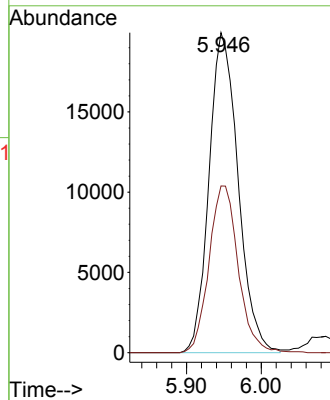
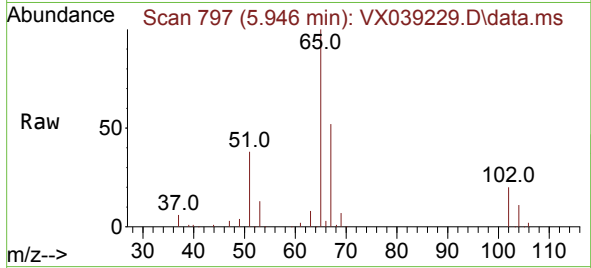
ClientSampleId :

Tgt Ion: 65 Resp: 53876

Ion Ratio Lower Upper

65 100

67 52.2 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: VX039229.D

Acq: 15 Dec 2023 14:52

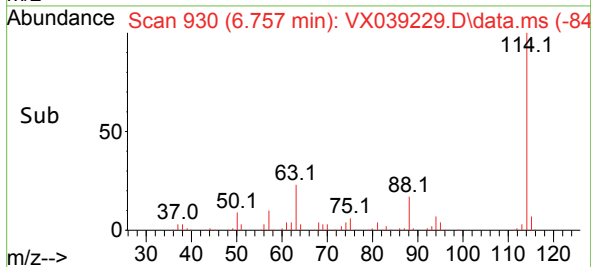
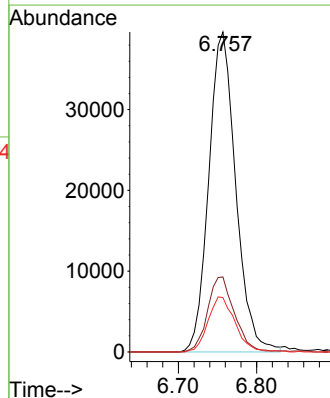
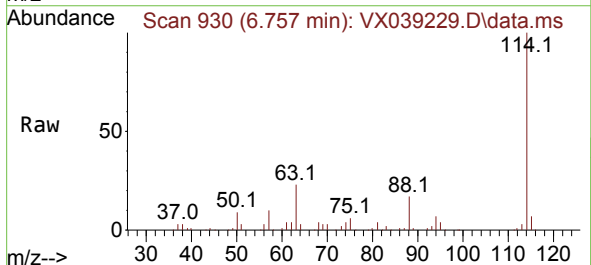
Tgt Ion: 114 Resp: 94848

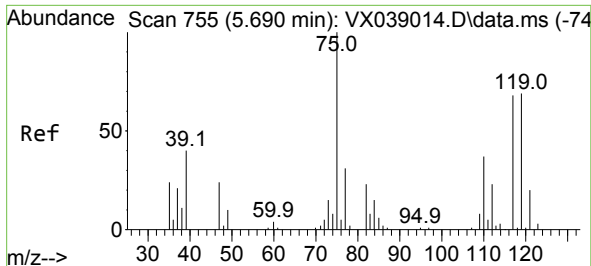
Ion Ratio Lower Upper

114 100

63 23.2 17.0 25.4

88 17.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 22.555 ug/l

RT: 5.684 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

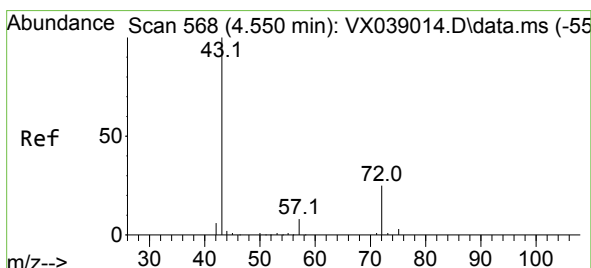
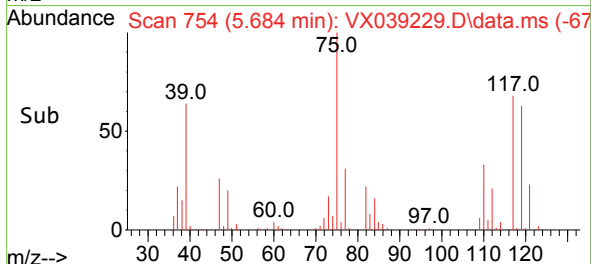
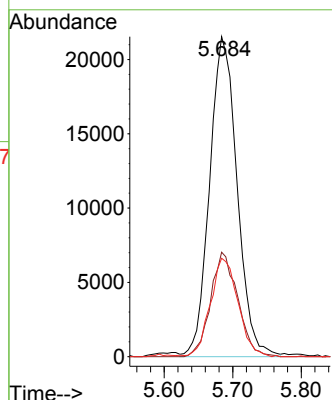
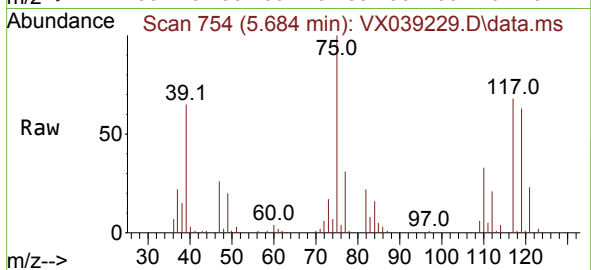
Tgt Ion: 75 Resp: 59970

Ion Ratio Lower Upper

75 100

110 32.3 0.0 71.2

77 30.9 0.0 62.6



#30

2-Butanone

Concen: 102.489 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

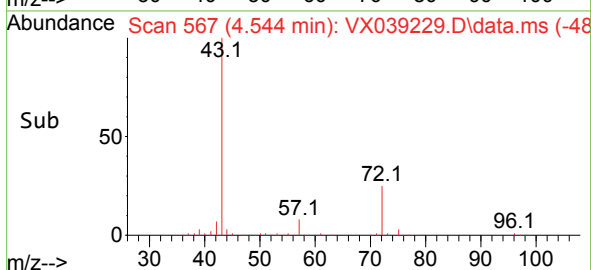
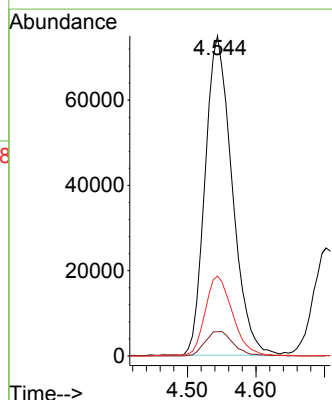
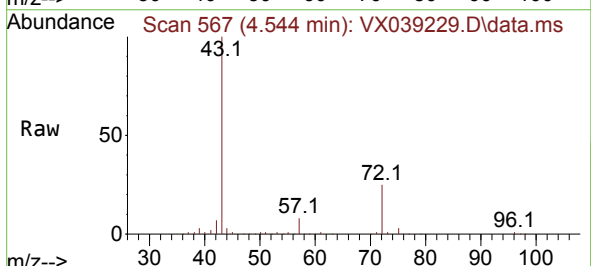
Tgt Ion: 43 Resp: 205167

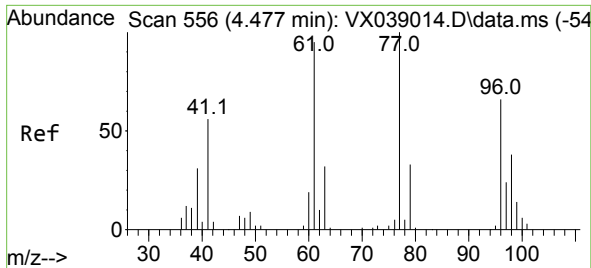
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 25.5 20.6 31.0

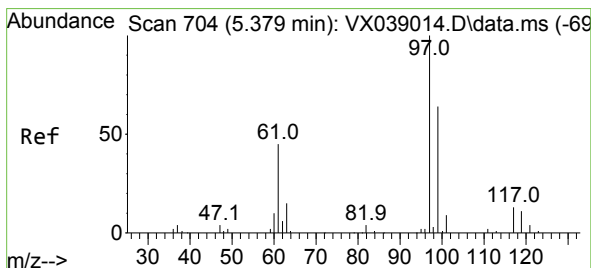
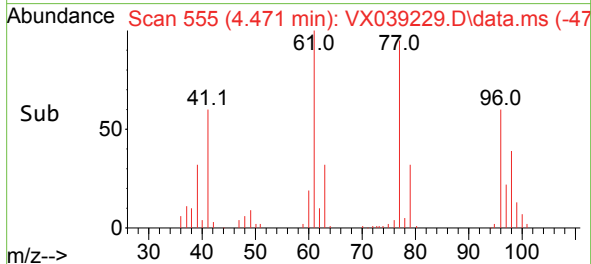
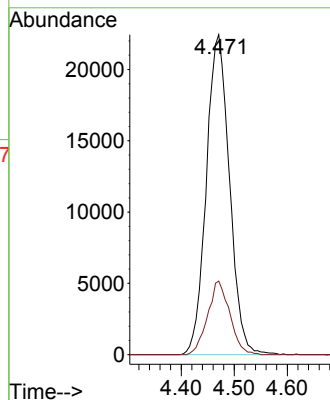
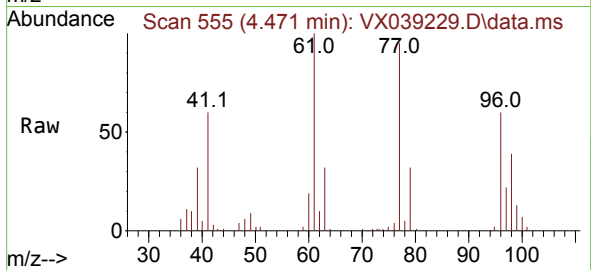




#31
2,2-Dichloropropane
Concen: 22.413 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

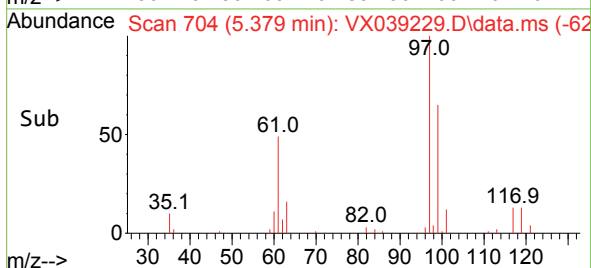
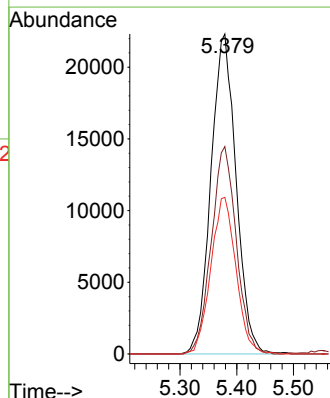
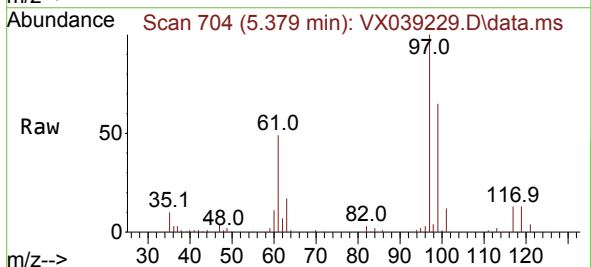
Instrument :
MSVOA_X
ClientSampleId :

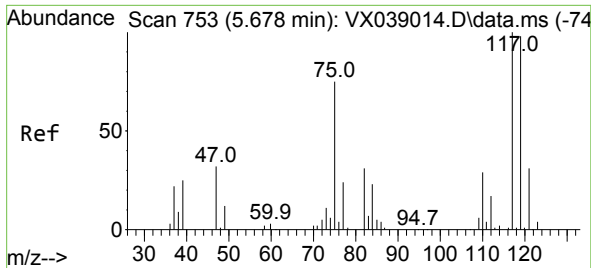
Tgt Ion: 77 Resp: 68136
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.4



#32
1,1,1-Trichloroethane
Concen: 22.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 97 Resp: 68806
Ion Ratio Lower Upper
97 100
99 64.4 52.6 79.0
61 47.3 36.9 55.3

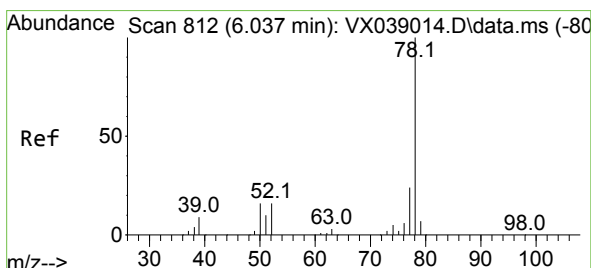
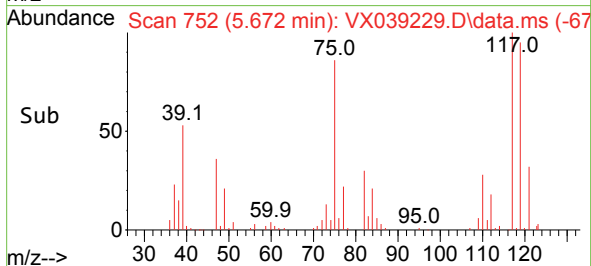
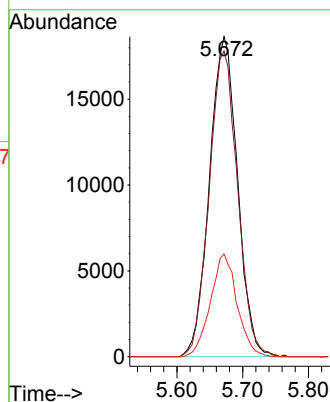
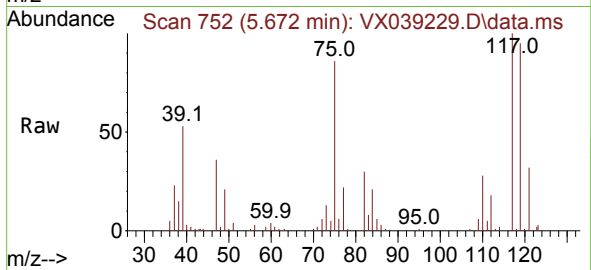




#33
Carbon Tetrachloride
Concen: 21.407 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

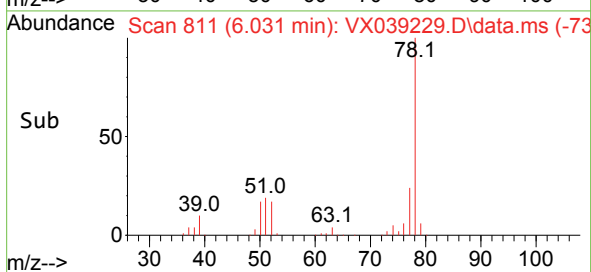
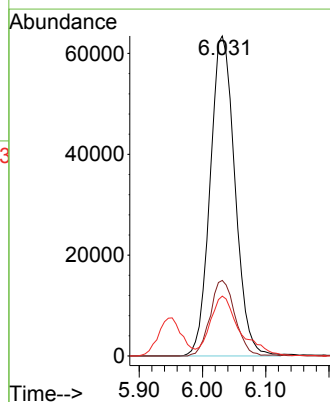
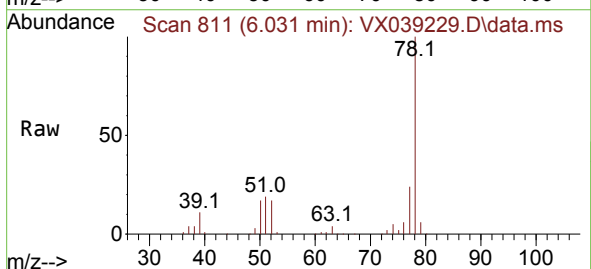
Instrument :
MSVOA_X
ClientSampleId :

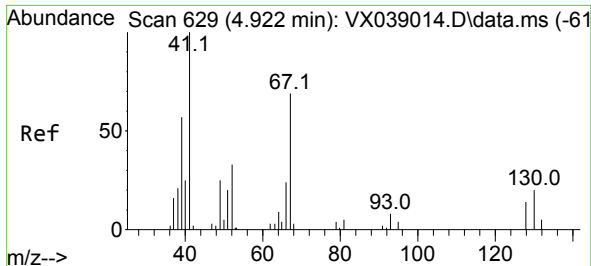
Tgt Ion:117 Resp: 55415
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.4
121 32.1 24.7 37.1



#34
Benzene
Concen: 22.264 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 78 Resp: 172442
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 18.2 14.4 21.6

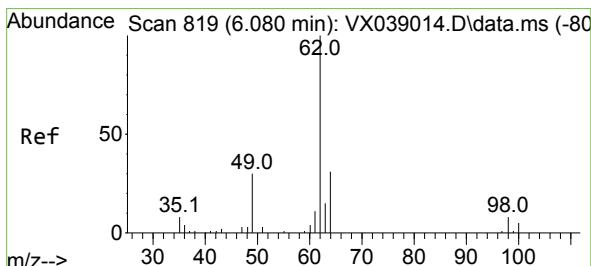
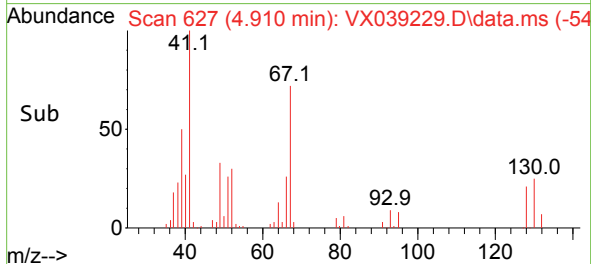
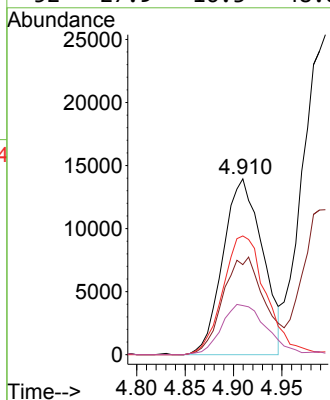
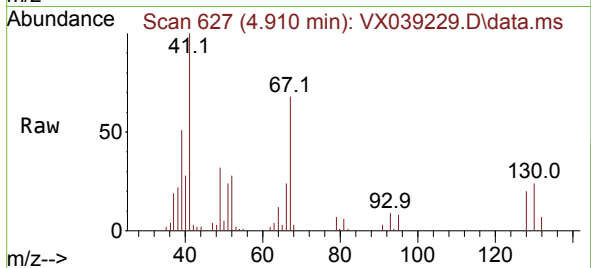




#35
Methacrylonitrile
Concen: 22.413 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

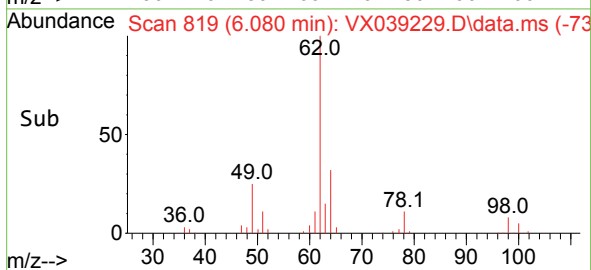
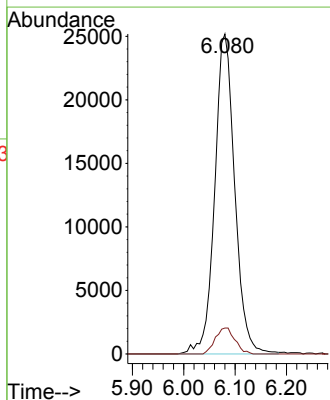
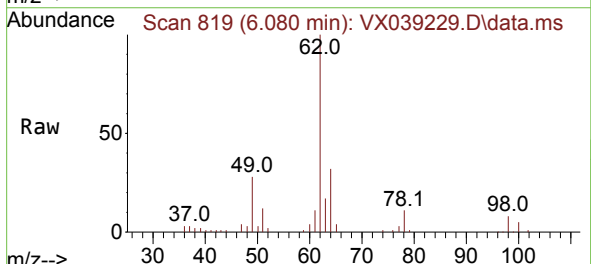
Instrument :
MSVOA_X
ClientSampleId :

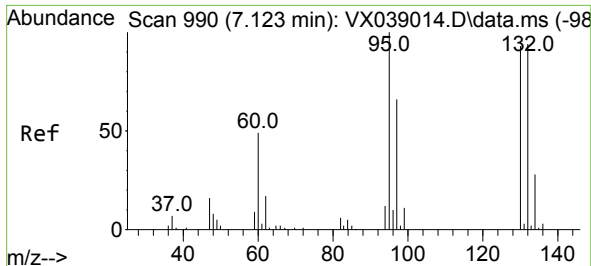
Tgt Ion:	41	Resp:	39744
Ion	Ratio	Lower	Upper
41	100		
39	51.3	28.2	84.7
67	67.5	34.5	103.5
52	27.9	16.3	48.8



#36
1,2-Dichloroethane
Concen: 23.982 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion:	62	Resp:	68157
Ion	Ratio	Lower	Upper
62	100		
98	7.9	7.0	10.4





#37

Trichloroethene

Concen: 21.568 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

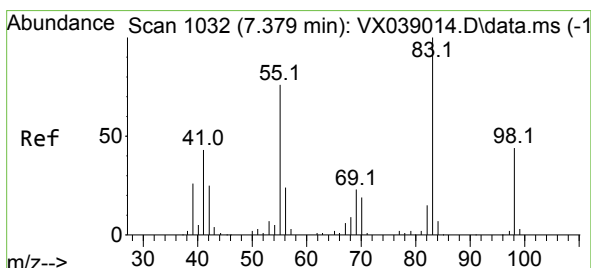
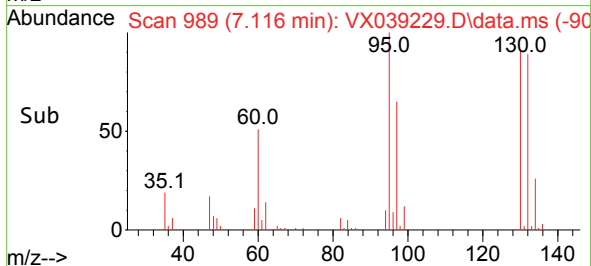
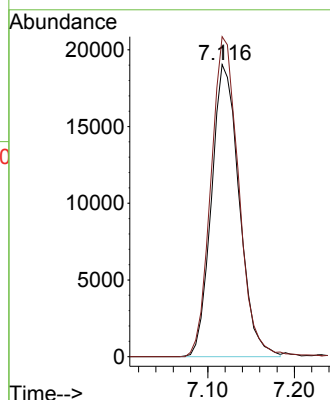
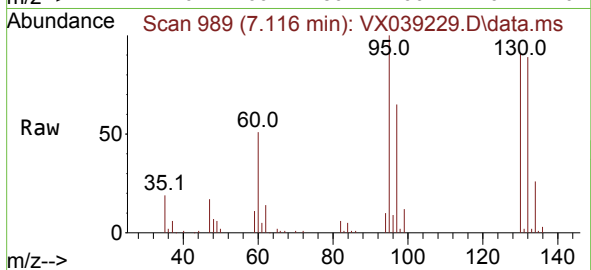
ClientSampleId :

Tgt Ion:130 Resp: 42399

Ion Ratio Lower Upper

130 100

95 109.5 85.8 128.8



#38

Methylcyclohexane

Concen: 21.082 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

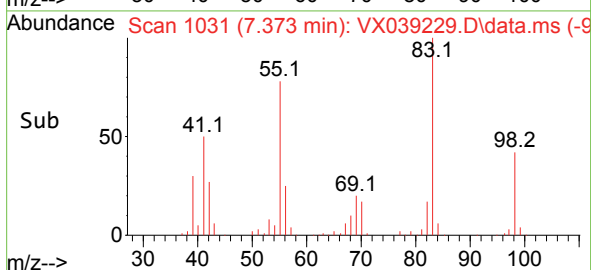
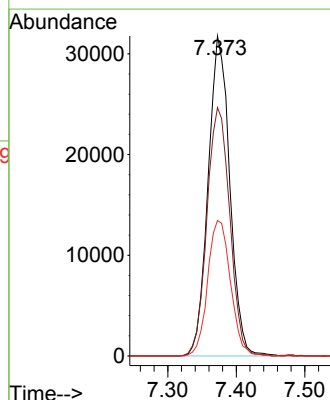
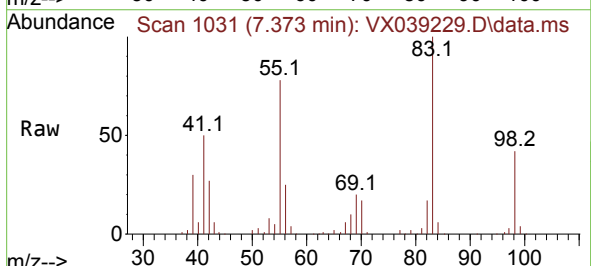
Tgt Ion: 83 Resp: 69842

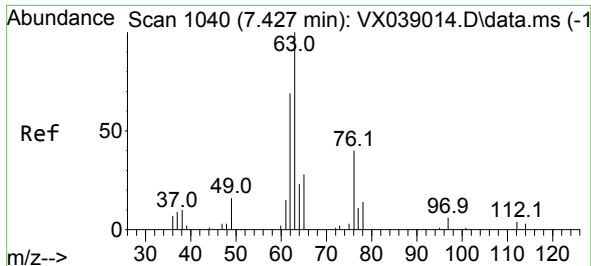
Ion Ratio Lower Upper

83 100

55 81.9 38.6 116.0

98 44.6 22.3 66.8





#39

1,2-Dichloropropane

Concen: 23.128 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

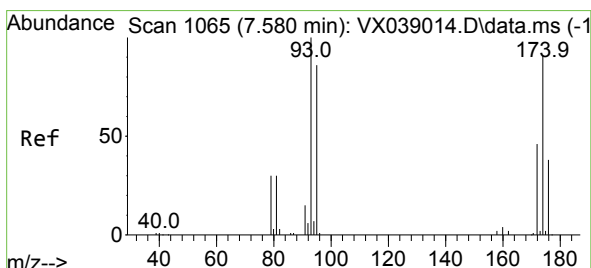
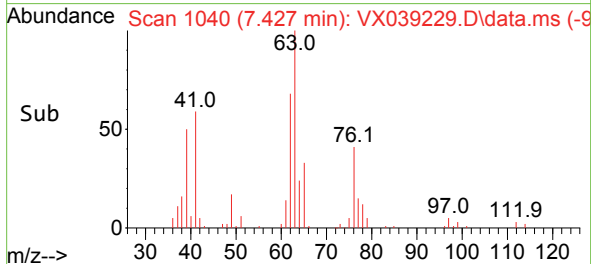
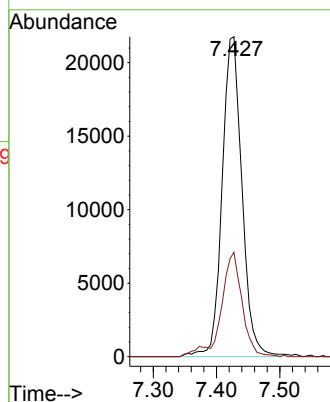
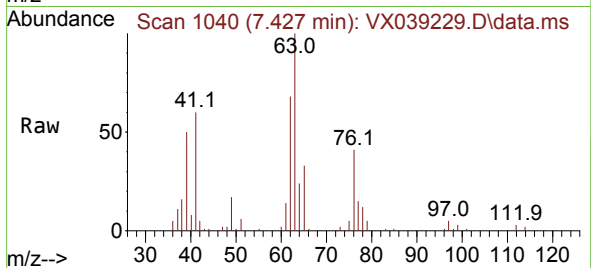
ClientSampleId :

Tgt Ion: 63 Resp: 47243

Ion Ratio Lower Upper

63 100

65 32.6 24.6 37.0



#40

Dibromomethane

Concen: 22.322 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

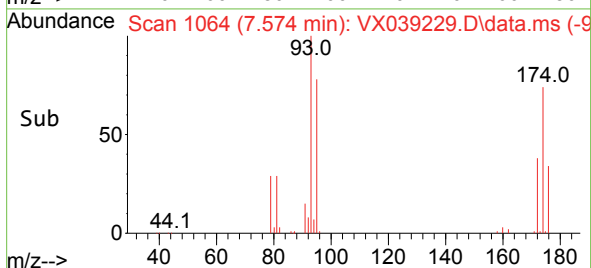
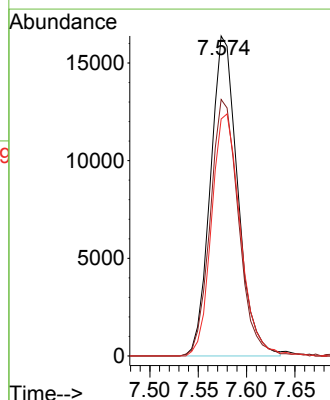
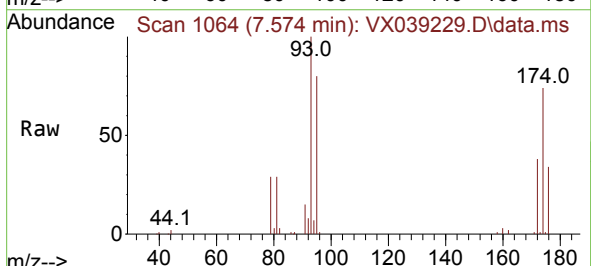
Tgt Ion: 93 Resp: 32217

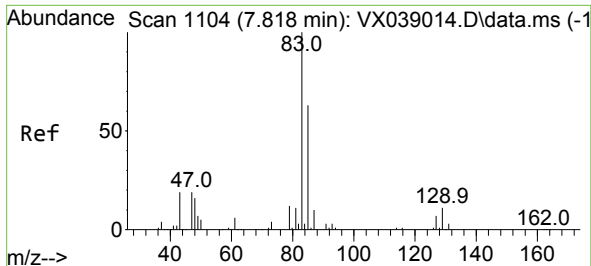
Ion Ratio Lower Upper

93 100

95 82.8 0.0 163.4

174 79.5 0.0 166.4

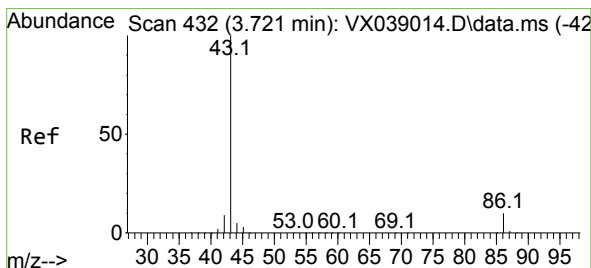
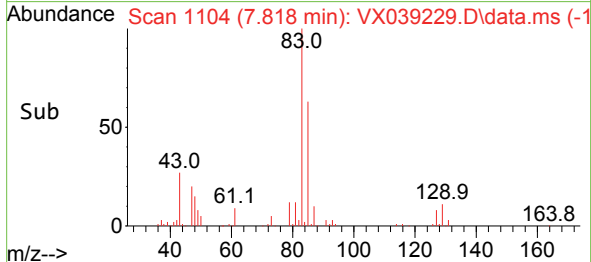
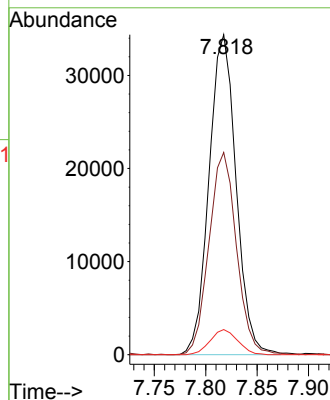
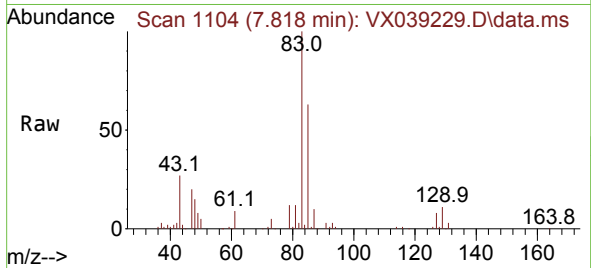




#41
Bromodichloromethane
Concen: 22.716 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

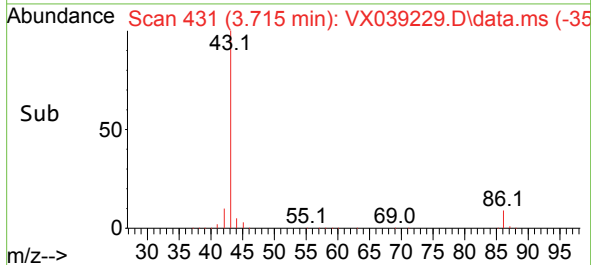
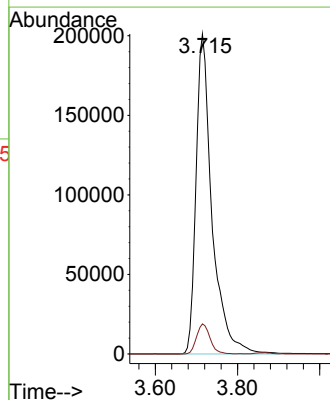
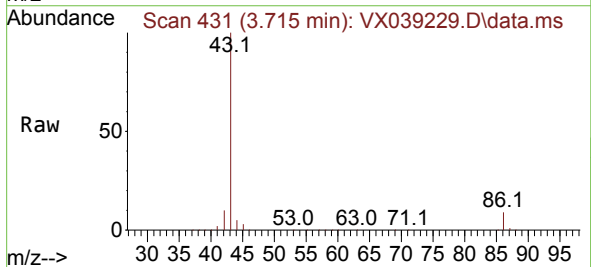
Instrument :
MSVOA_X
ClientSampleId :

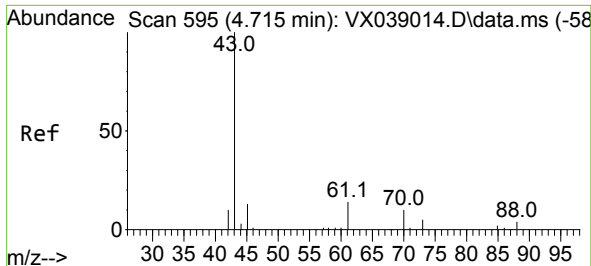
Tgt Ion: 83 Resp: 62984
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 7.9 5.9 8.9



#42
Vinyl Acetate
Concen: 113.704 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 43 Resp: 542140
Ion Ratio Lower Upper
43 100
86 7.9 6.7 10.1

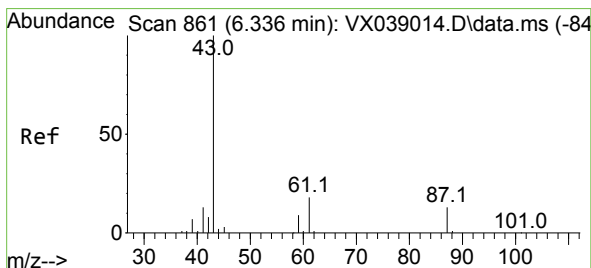
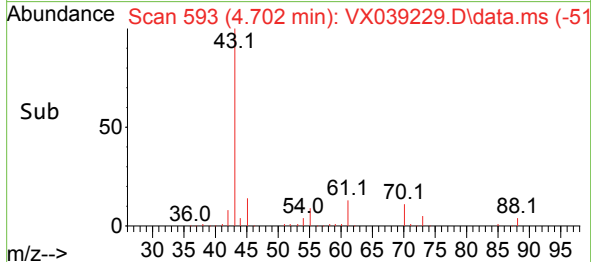
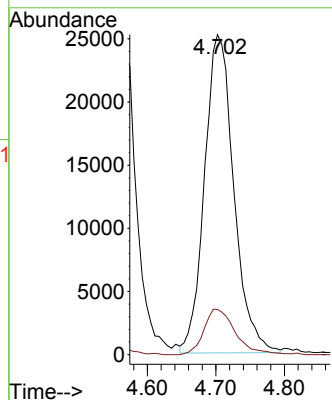
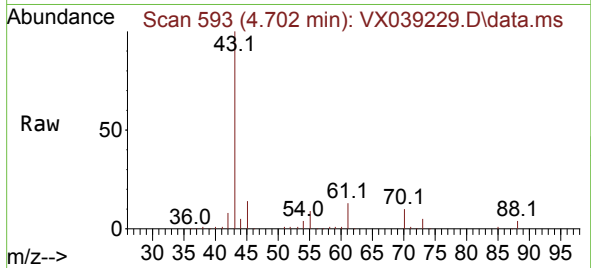




#43
Ethyl Acetate
Concen: 21.769 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

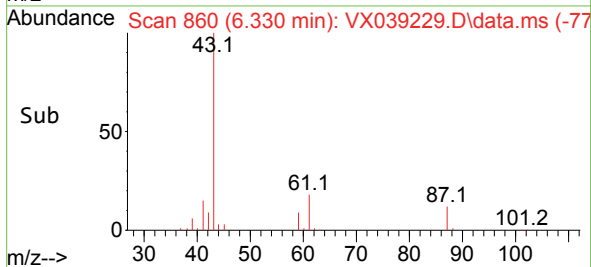
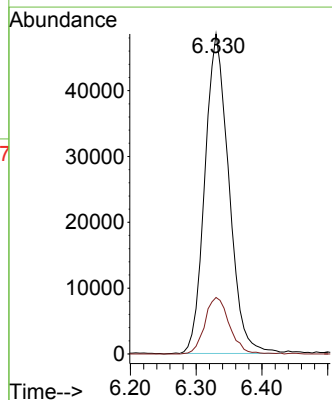
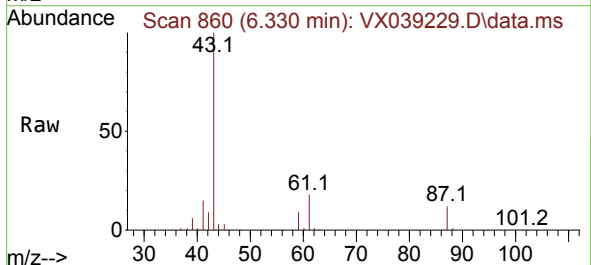
Instrument :
MSVOA_X
ClientSampleId :

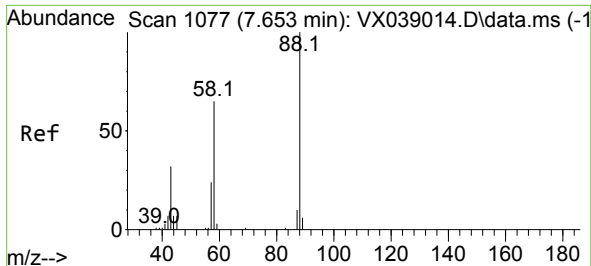
Tgt Ion: 43 Resp: 74974
Ion Ratio Lower Upper
43 100
45 15.4 11.8 17.8



#44
Isopropyl Acetate
Concen: 22.657 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

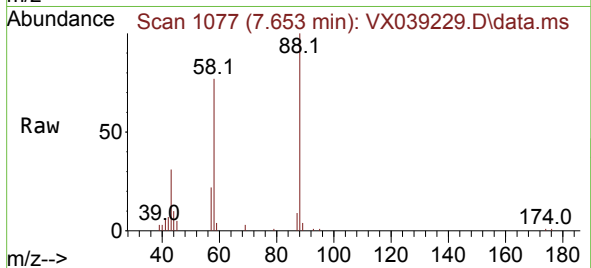
Tgt Ion: 43 Resp: 123009
Ion Ratio Lower Upper
43 100
61 18.0 15.6 23.4



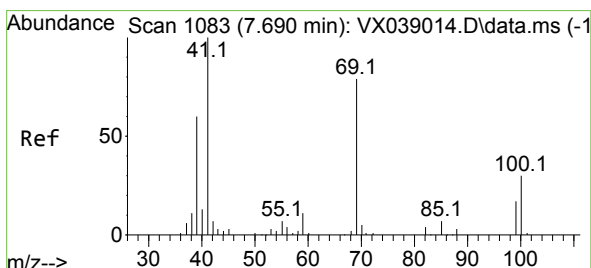
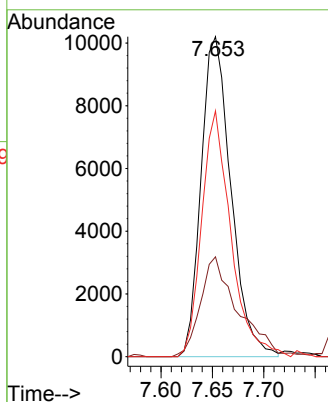
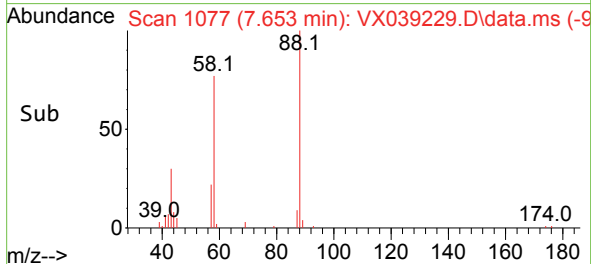


#45
1,4-Dioxane
Concen: 372.220 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

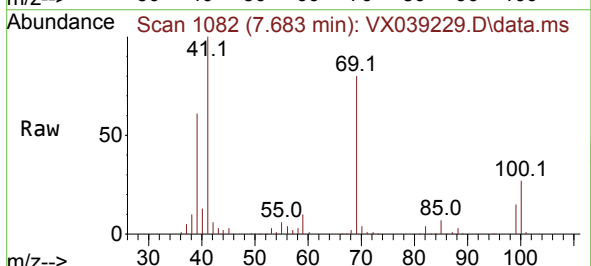
Instrument :
MSVOA_X
ClientSampleId :



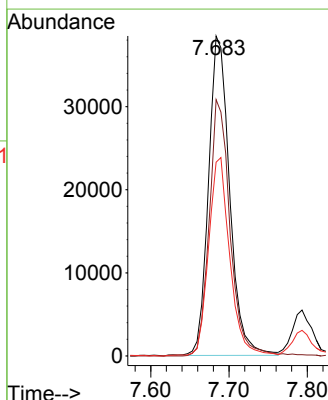
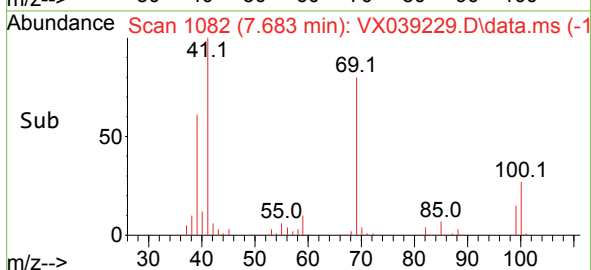
Tgt Ion: 88 Resp: 20630
Ion Ratio Lower Upper
88 100
43 39.0 28.1 42.1
58 75.0 57.7 86.5

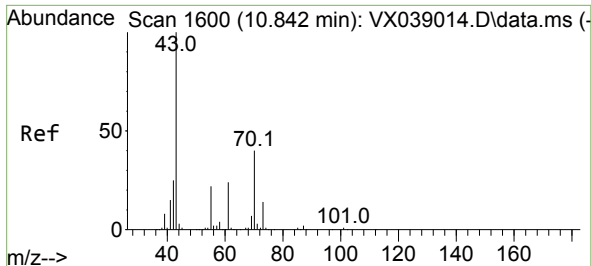


#46
Methyl methacrylate
Concen: 23.225 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52



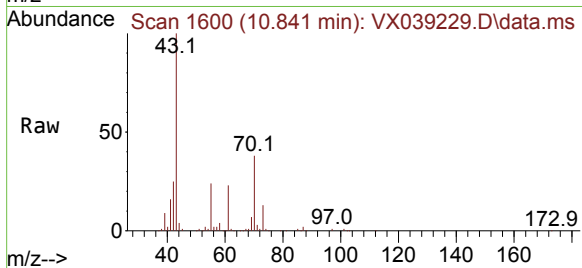
Tgt Ion: 41 Resp: 72094
Ion Ratio Lower Upper
41 100
69 80.4 39.6 118.8
39 60.5 30.1 90.3



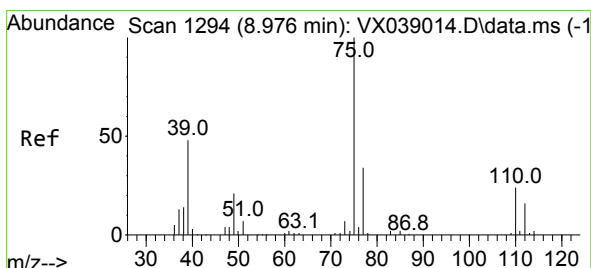
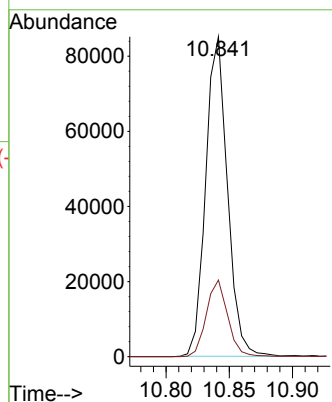
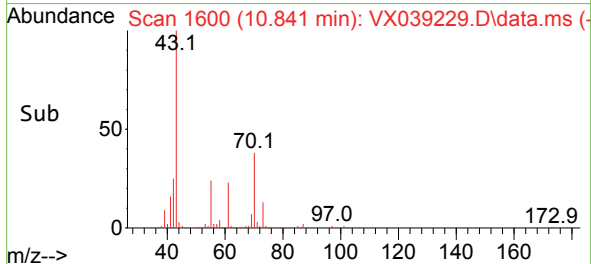


#47
n-amyl acetate
Concen: 22.176 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :

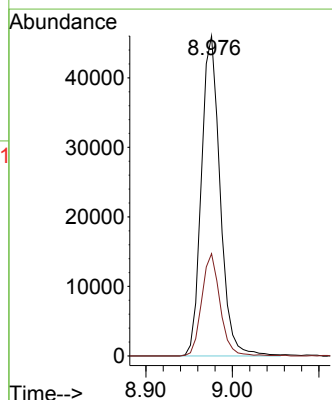
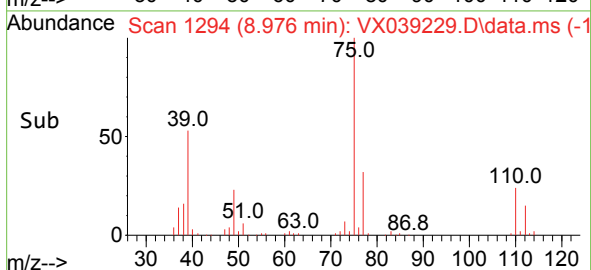
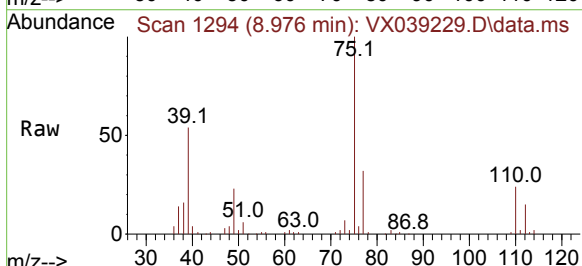


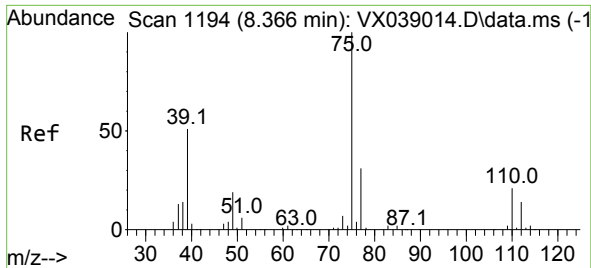
Tgt Ion: 43 Resp: 101904
Ion Ratio Lower Upper
43 100
55 23.7 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 21.515 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 75 Resp: 69172
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 22.209 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

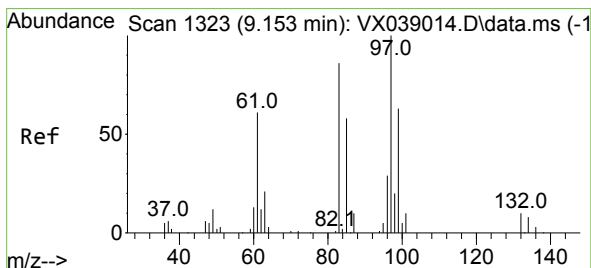
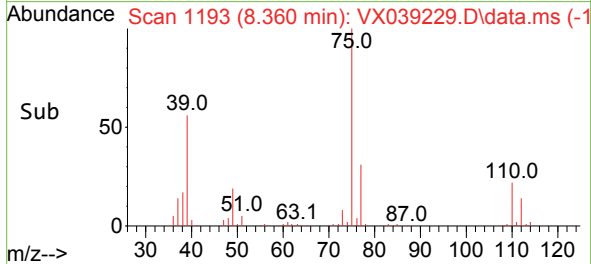
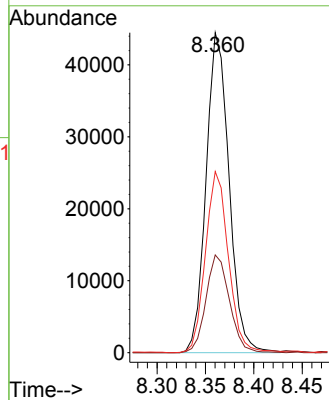
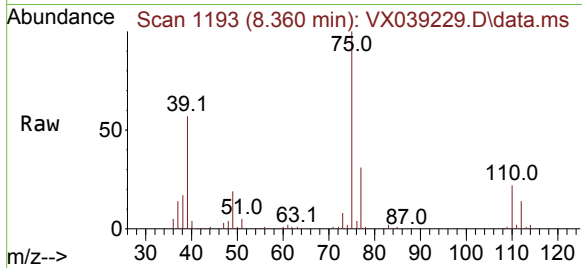
Tgt Ion: 75 Resp: 73660

Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6

39 56.5 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 22.649 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Tgt Ion: 97 Resp: 44405

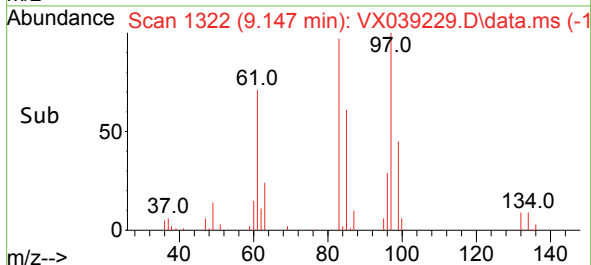
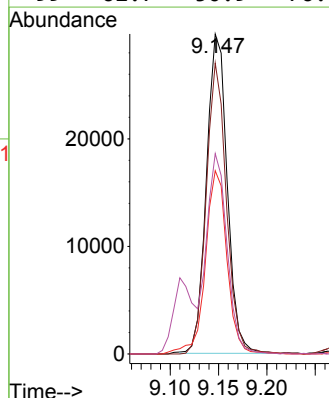
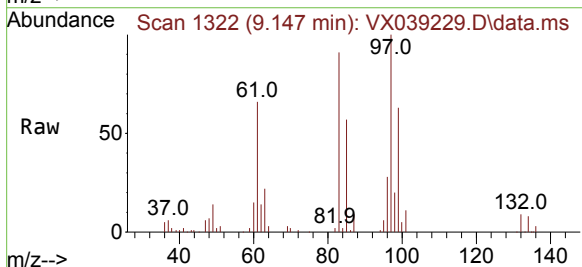
Ion Ratio Lower Upper

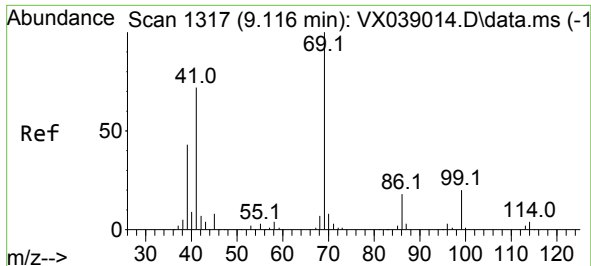
97 100

83 91.1 69.0 103.6

85 57.2 46.3 69.5

99 62.7 50.9 76.3

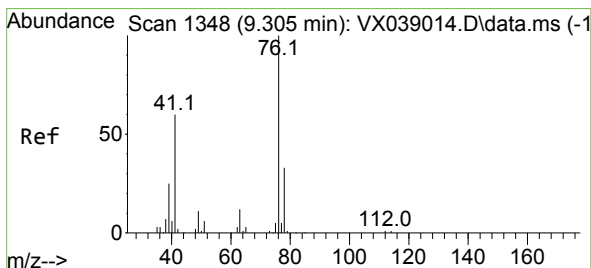
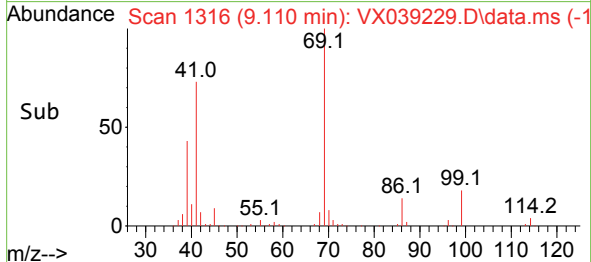
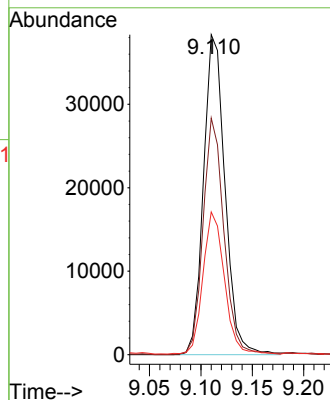
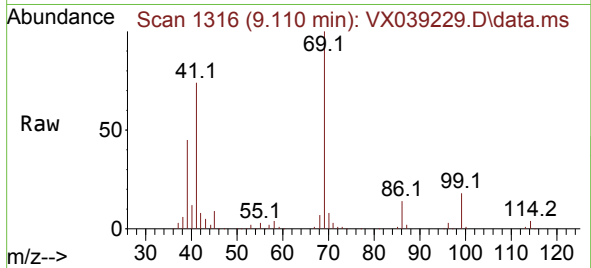




#51
Ethyl methacrylate
Concen: 22.756 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

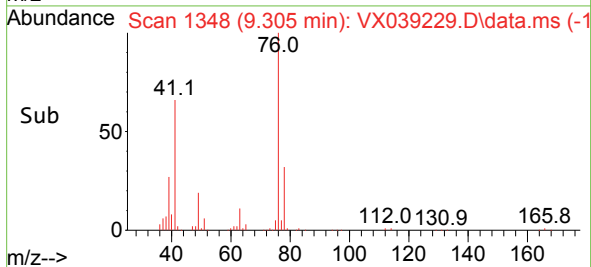
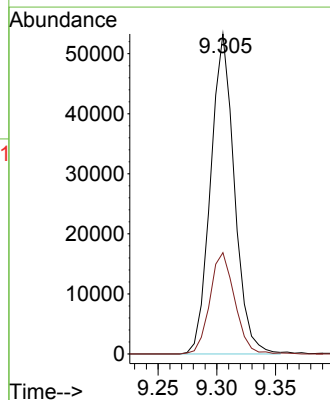
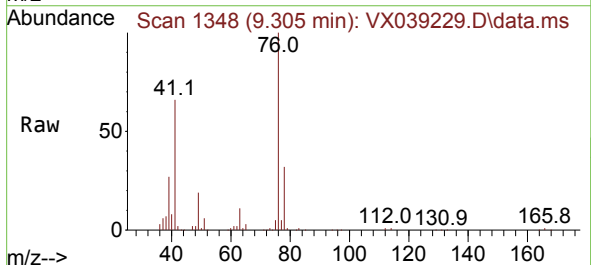
Instrument :
MSVOA_X
ClientSampleId :

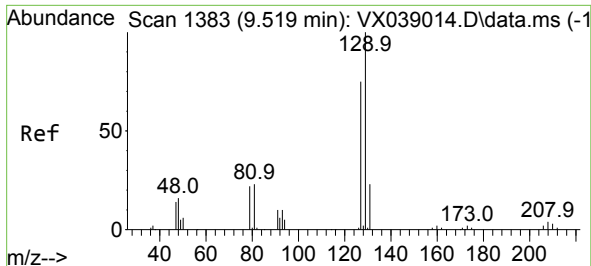
Tgt Ion: 69 Resp: 55848
Ion Ratio Lower Upper
69 100
41 73.7 36.2 108.6
39 44.4 21.1 63.4



#52
1,3-Dichloropropane
Concen: 22.371 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 76 Resp: 75207
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.0

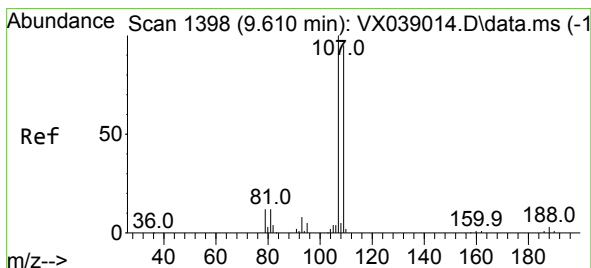
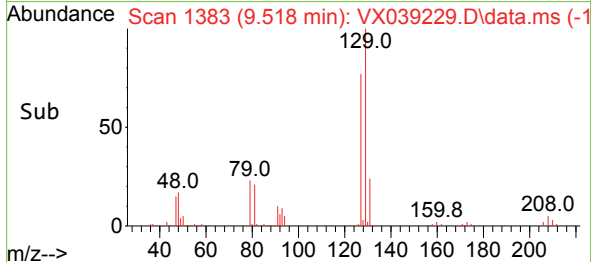
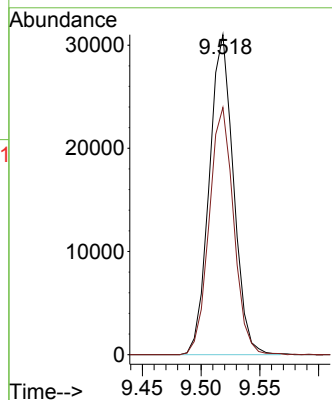
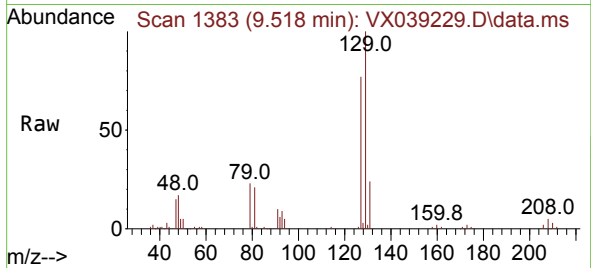




#53
Dibromochloromethane
Concen: 21.148 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

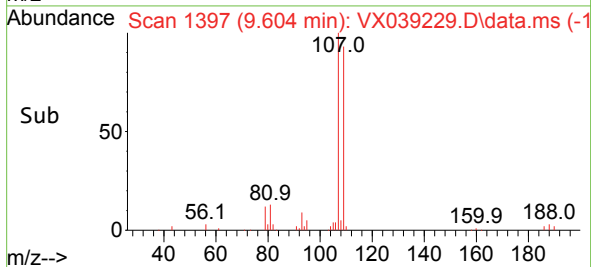
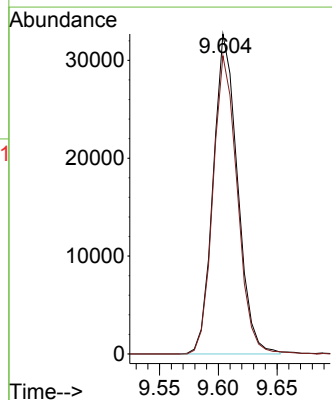
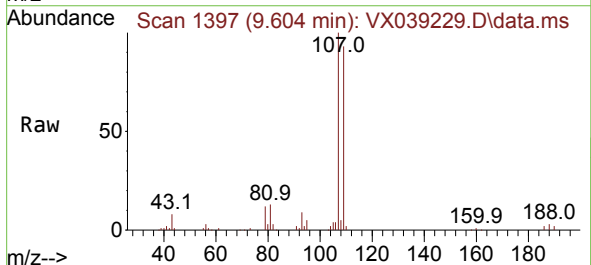
Instrument :
MSVOA_X
ClientSampleId :

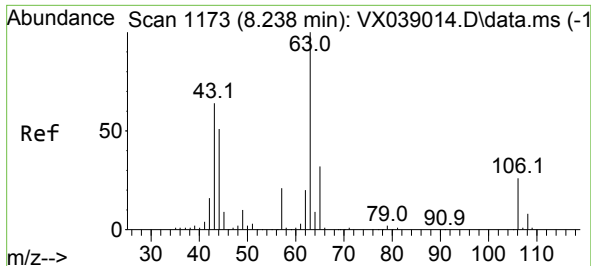
Tgt Ion:129 Resp: 44529
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9



#54
1,2-Dibromoethane
Concen: 21.924 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion:107 Resp: 47137
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7

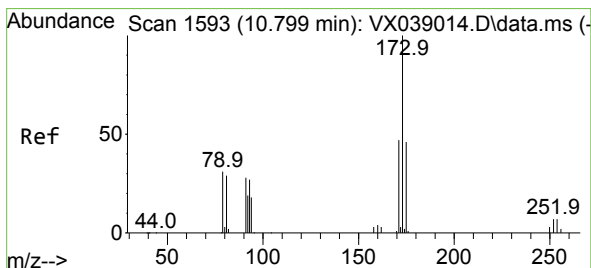
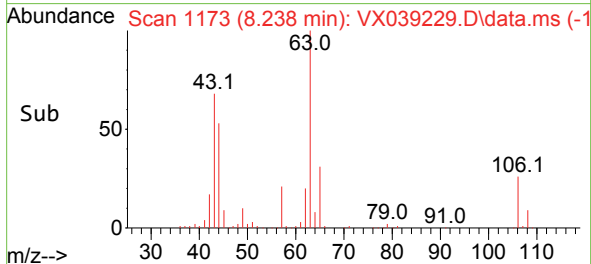
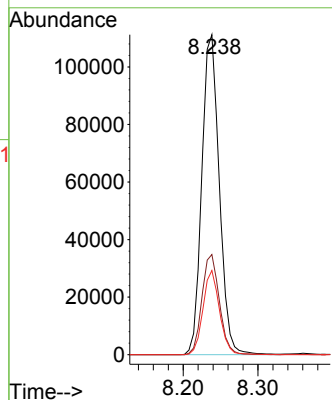
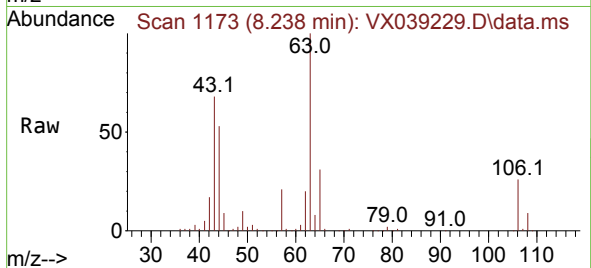




#55
2-Chloroethyl vinyl ether
Concen: 115.940 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

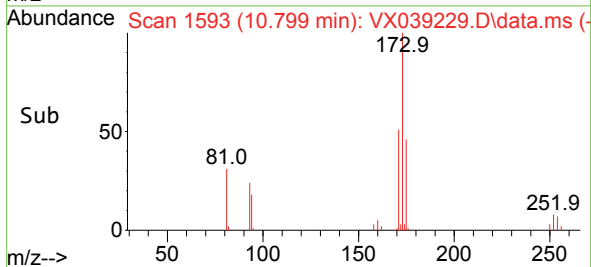
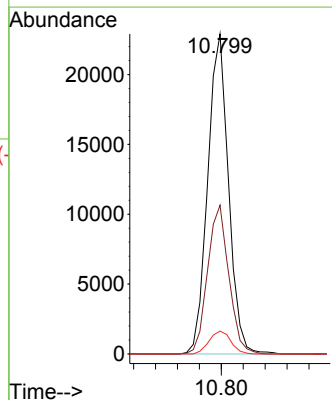
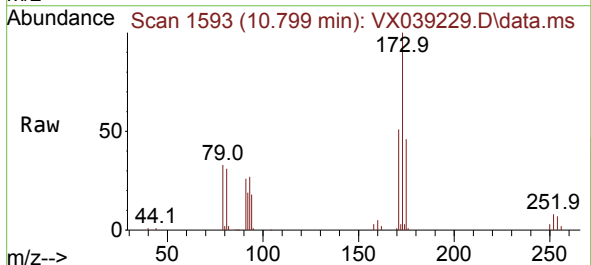
Instrument :
MSVOA_X
ClientSampleId :

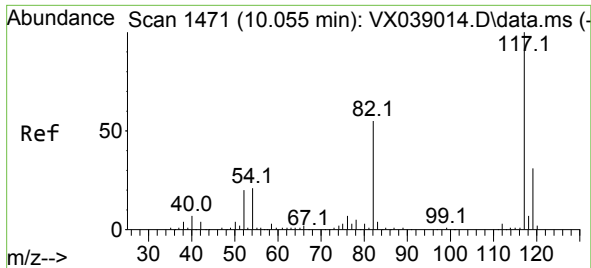
Tgt Ion: 63 Resp: 180356
Ion Ratio Lower Upper
63 100
65 31.2 25.8 38.6
106 25.0 20.6 31.0



#56
Bromoform
Concen: 19.799 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion:173 Resp: 30088
Ion Ratio Lower Upper
173 100
175 47.4 37.6 56.4
254 7.5 5.8 8.8

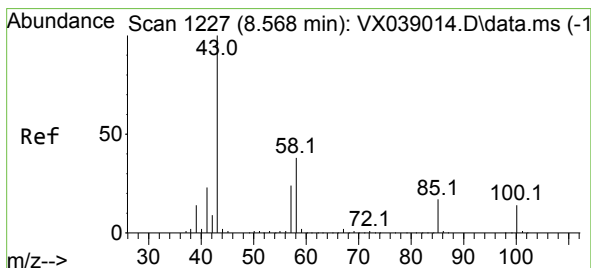
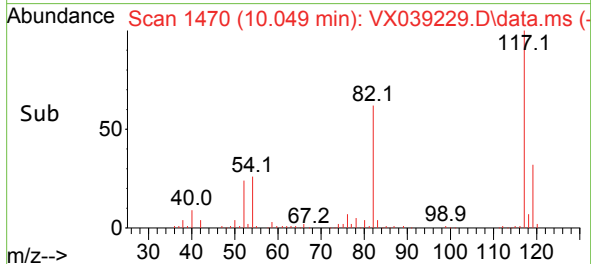
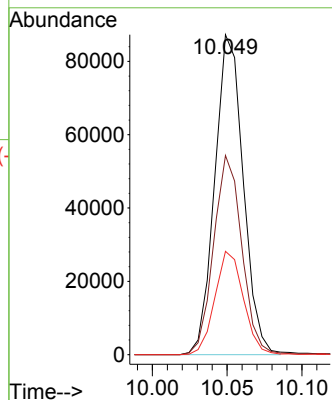
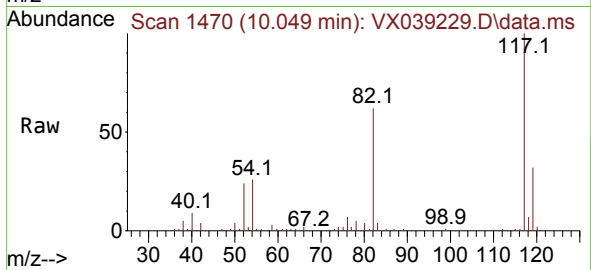




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

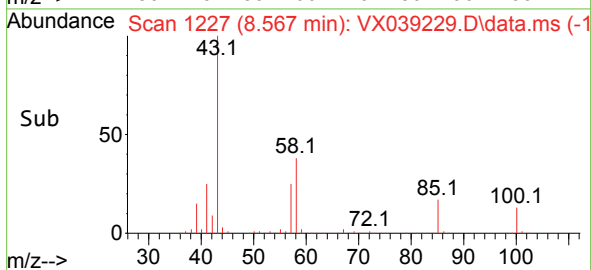
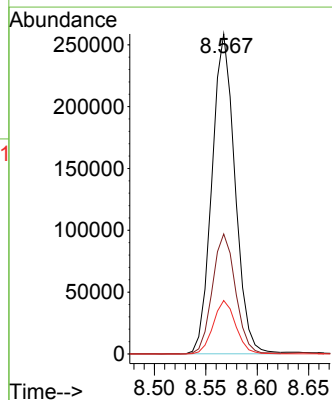
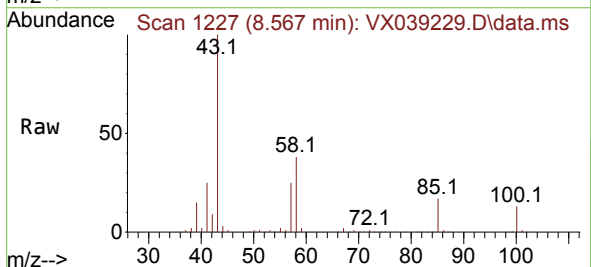
Instrument :
MSVOA_X
ClientSampleId :

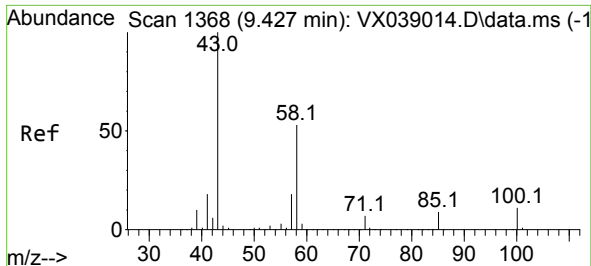
Tgt Ion:117 Resp: 115746
Ion Ratio Lower Upper
117 100
82 61.6 47.0 70.6
119 32.5 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 114.732 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 43 Resp: 402705
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1
85 16.4 13.9 20.9

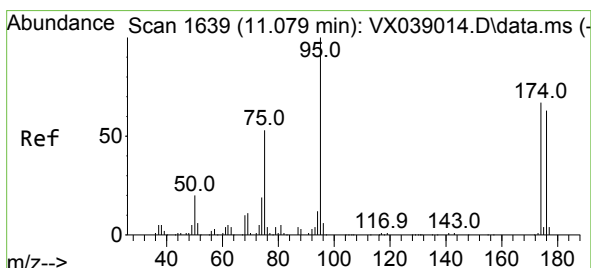
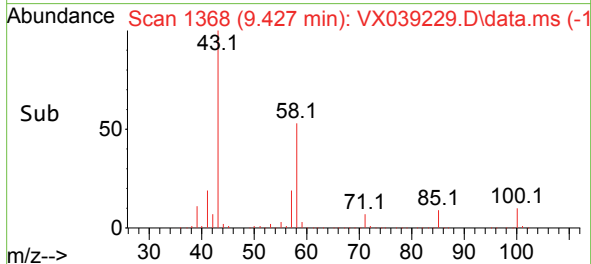
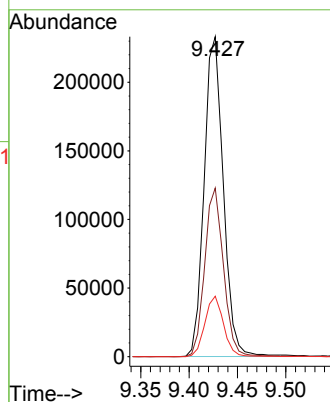
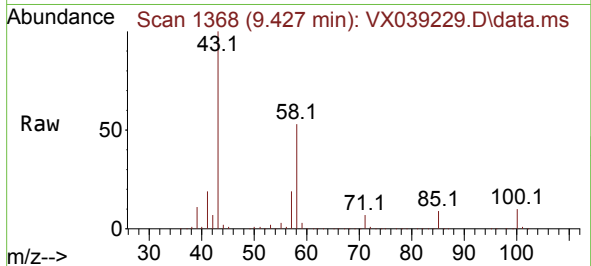




#59
2-Hexanone
Concen: 111.992 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

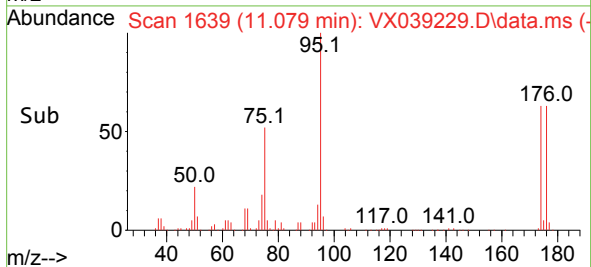
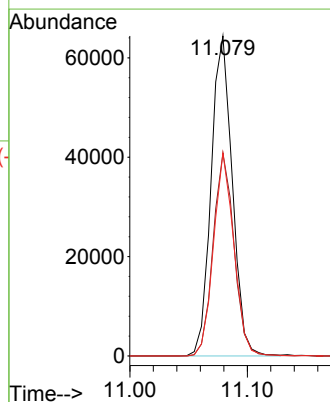
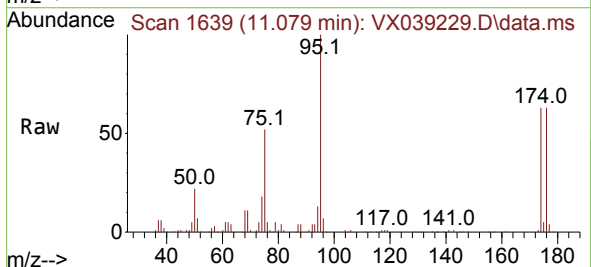
Instrument :
MSVOA_X
ClientSampleId :

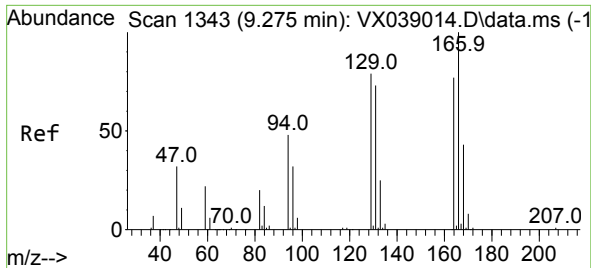
Tgt Ion: 43 Resp: 322663
Ion Ratio Lower Upper
43 100
58 51.8 42.7 64.1
57 18.5 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

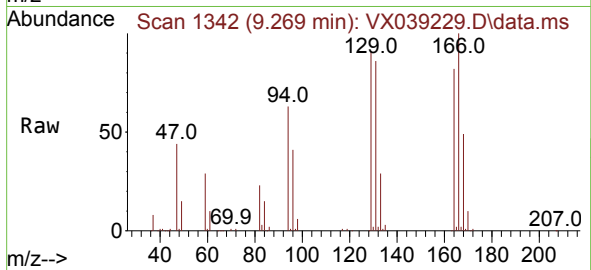
Tgt Ion: 95 Resp: 80577
Ion Ratio Lower Upper
95 100
174 62.6 55.4 83.2
176 61.2 52.6 78.8



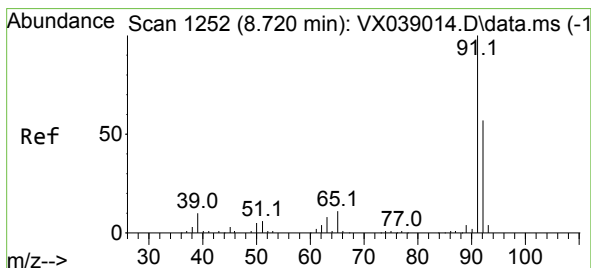
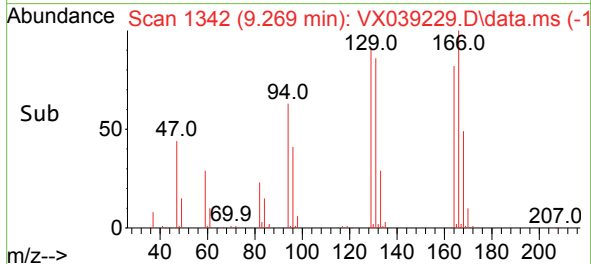
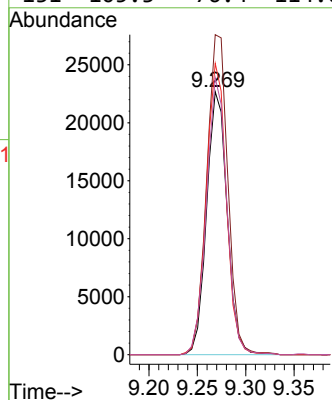


#61
Tetrachloroethene
Concen: 22.244 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :

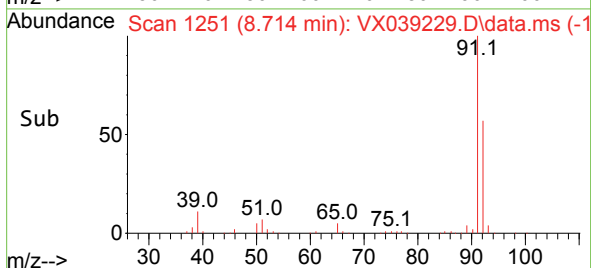
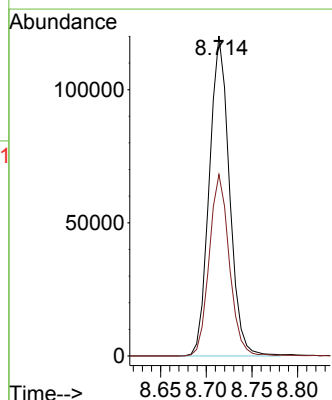
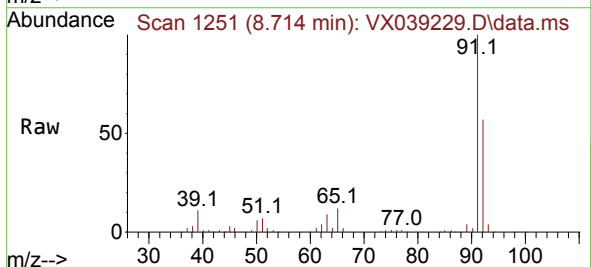


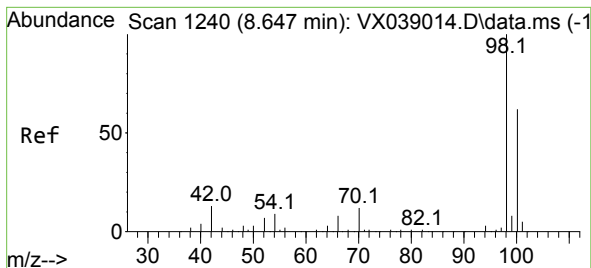
Tgt Ion:164 Resp: 33474
Ion Ratio Lower Upper
164 100
166 121.7 104.0 156.0
129 110.8 82.0 123.0
131 105.3 76.4 114.6



#62
Toluene
Concen: 22.338 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 91 Resp: 183563
Ion Ratio Lower Upper
91 100
92 56.5 45.9 68.9





#63

Toluene-d8

Concen: 30.546 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

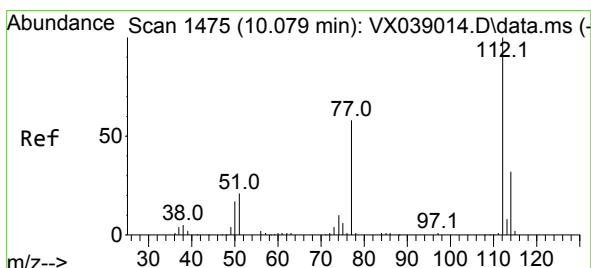
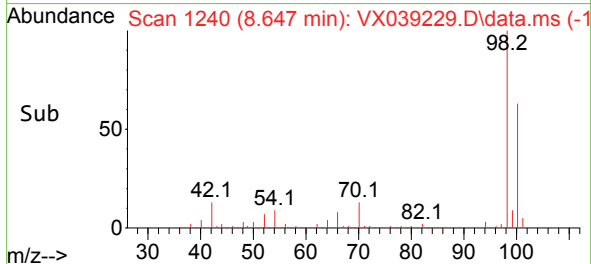
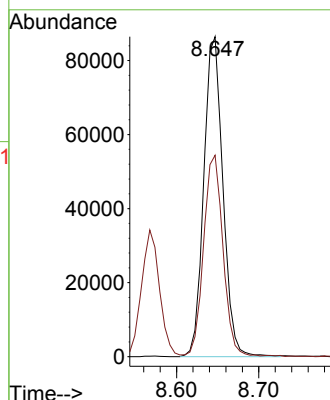
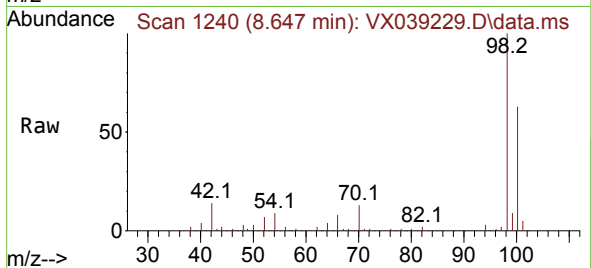
ClientSampleId :

Tgt Ion: 98 Resp: 139785

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.4



#64

Chlorobenzene

Concen: 22.142 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX039229.D

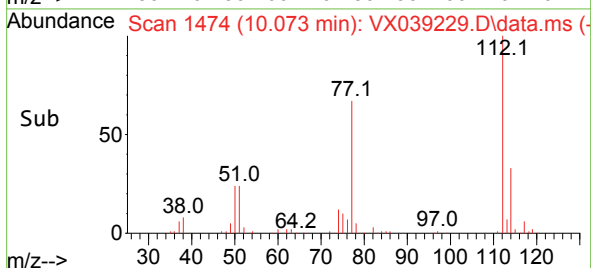
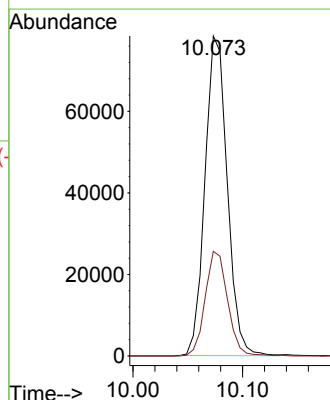
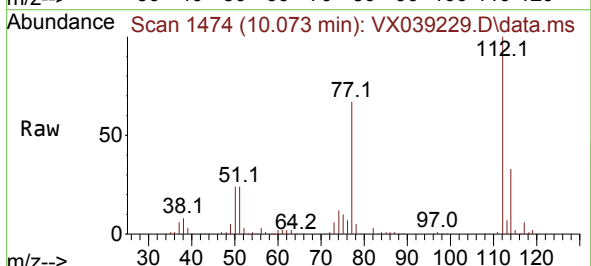
Acq: 15 Dec 2023 14:52

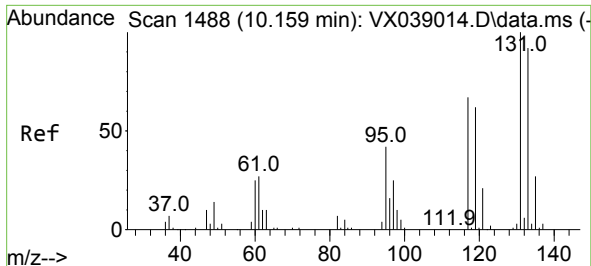
Tgt Ion: 112 Resp: 110678

Ion Ratio Lower Upper

112 100

114 32.8 25.9 38.9

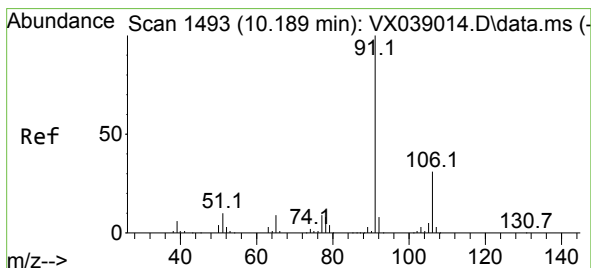
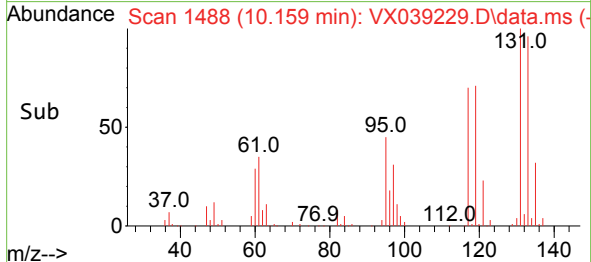
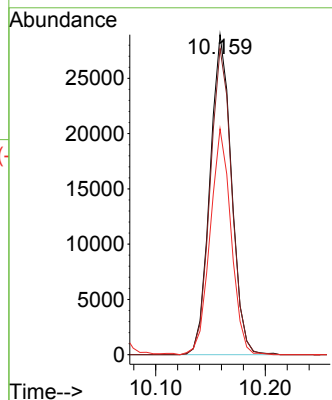
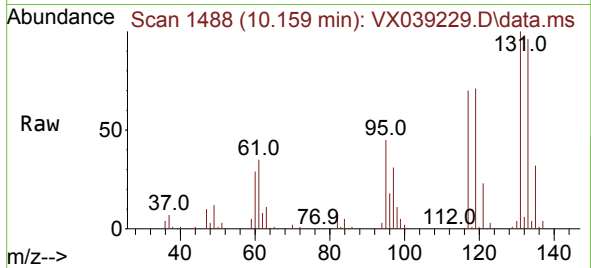




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.953 ug/l
 RT: 10.159 min Scan# 1488
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

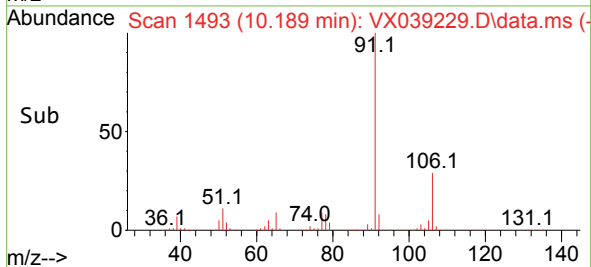
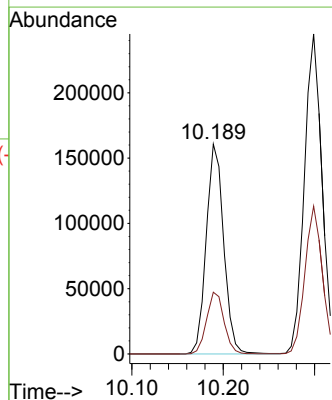
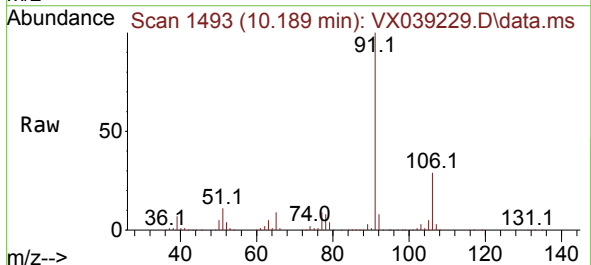
Instrument :
 MSVOA_X
 ClientSampleId :

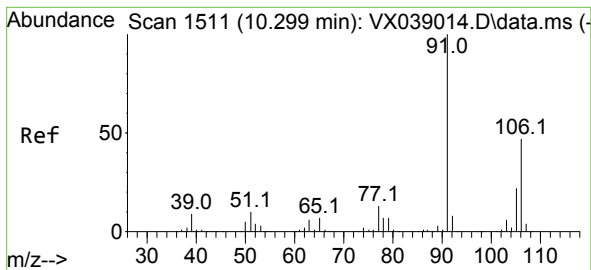
Tgt Ion:131 Resp: 39520
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 191.8
 119 68.5 0.0 135.4



#66
 Ethyl Benzene
 Concen: 22.696 ug/l
 RT: 10.189 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

Tgt Ion: 91 Resp: 212376
 Ion Ratio Lower Upper
 91 100
 106 29.4 24.4 36.6

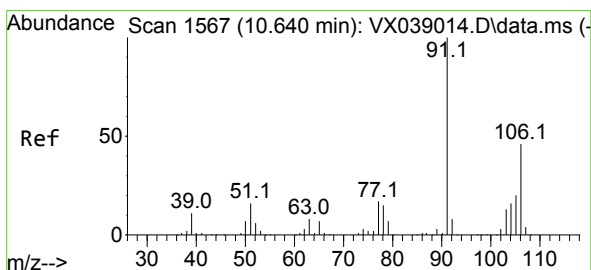
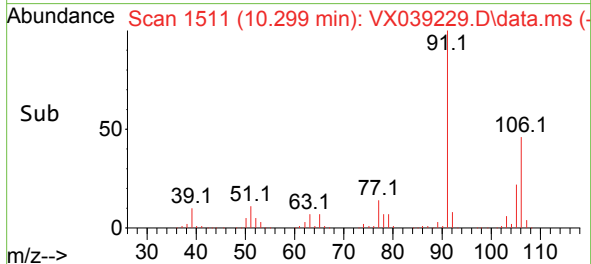
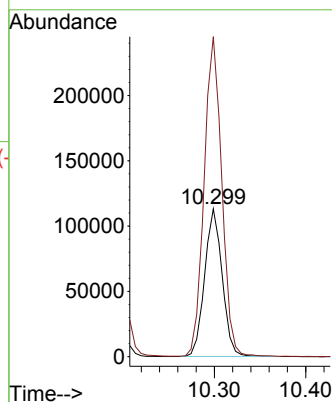
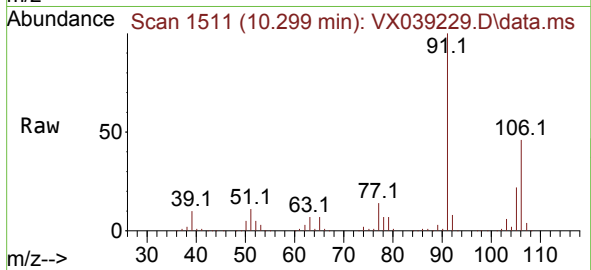




#67
m/p-Xylenes
Concen: 43.761 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

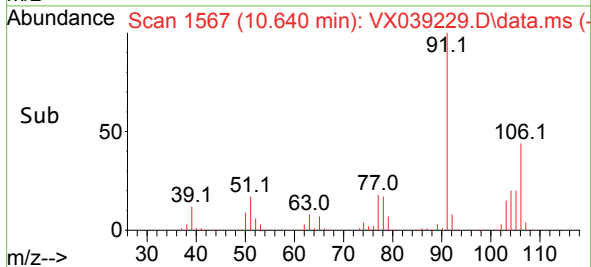
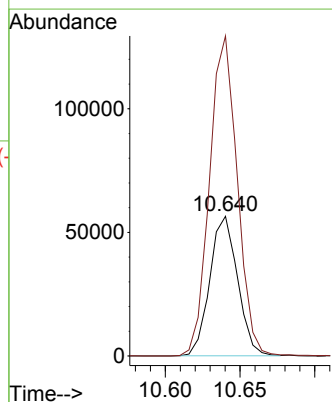
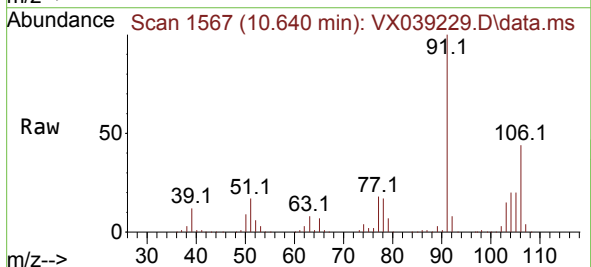
Instrument :
MSVOA_X
ClientSampleId :

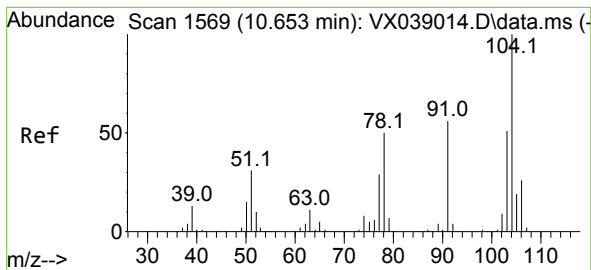
Tgt Ion:106 Resp: 151312
Ion Ratio Lower Upper
106 100
91 218.1 169.4 254.0



#68
o-Xylene
Concen: 21.709 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion:106 Resp: 72713
Ion Ratio Lower Upper
106 100
91 230.5 111.2 333.6





#69

Styrene

Concen: 22.112 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

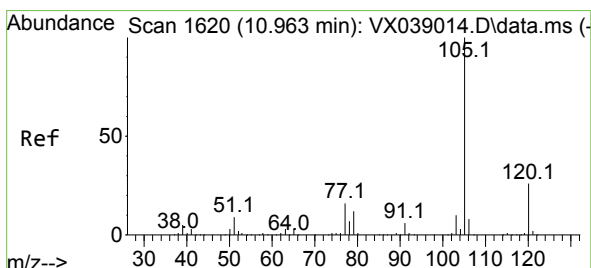
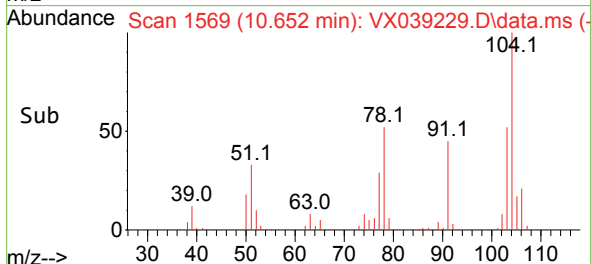
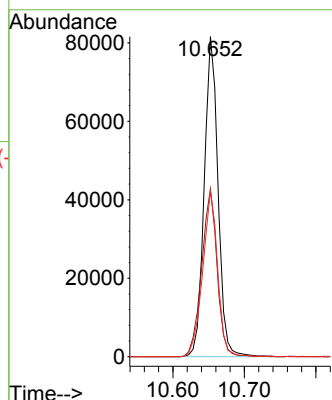
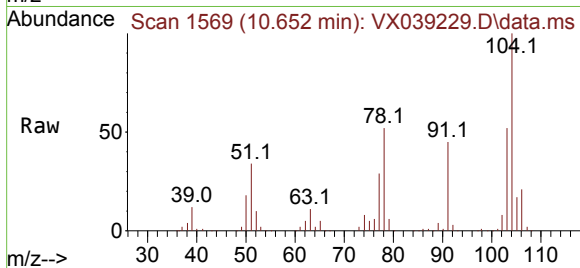
Tgt Ion:104 Resp: 109605

Ion Ratio Lower Upper

104 100

78 58.6 43.7 65.5

103 56.1 44.6 67.0



#70

Isopropylbenzene

Concen: 22.331 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039229.D

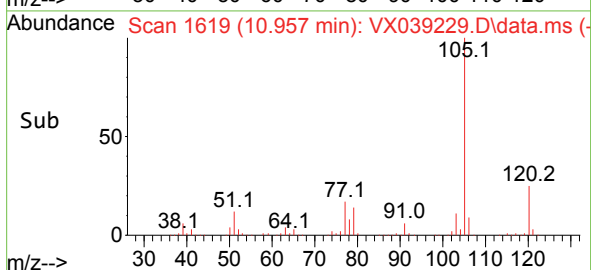
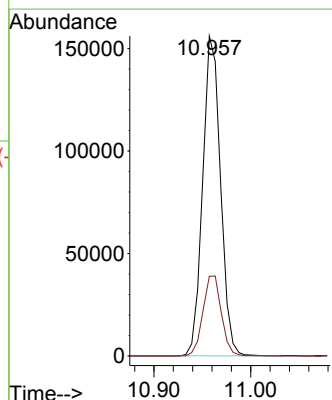
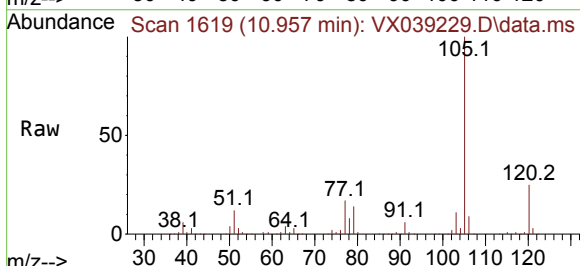
Acq: 15 Dec 2023 14:52

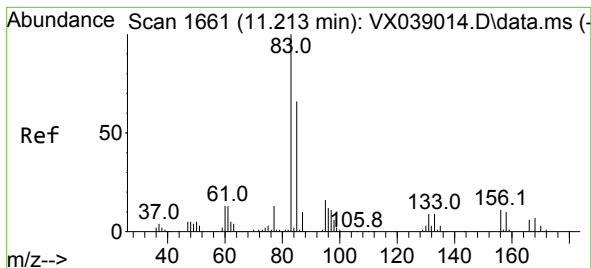
Tgt Ion:105 Resp: 200116

Ion Ratio Lower Upper

105 100

120 25.9 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 22.632 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

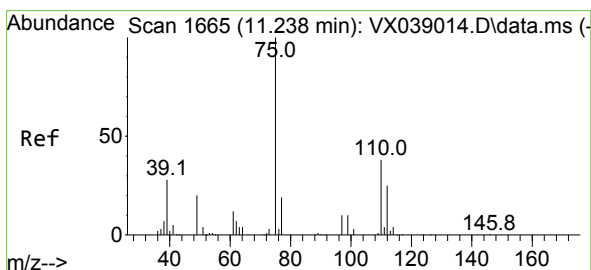
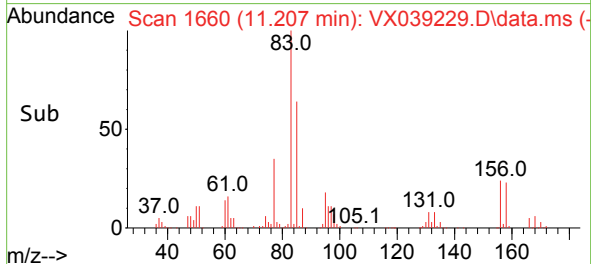
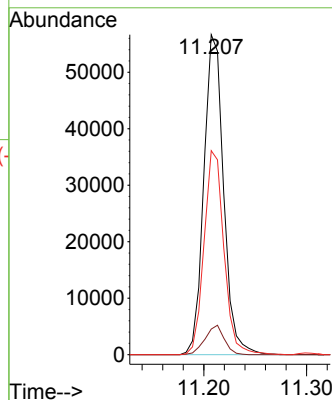
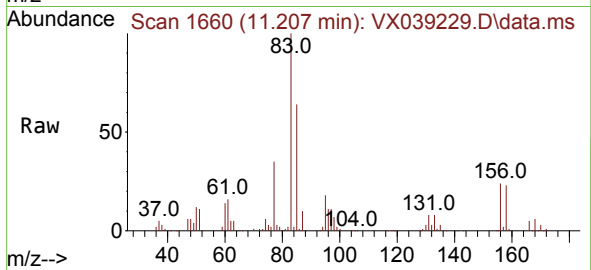
Tgt Ion: 83 Resp: 75712

Ion Ratio Lower Upper

83 100

131 8.9 4.6 13.8

85 64.2 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 31.081 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039229.D

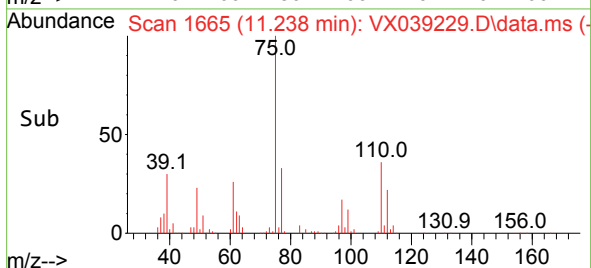
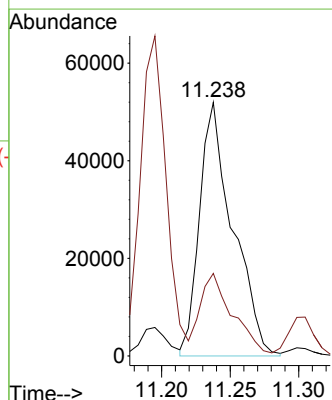
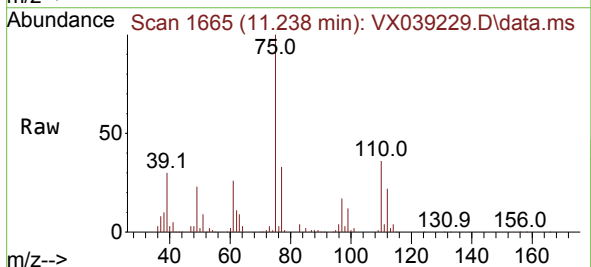
Acq: 15 Dec 2023 14:52

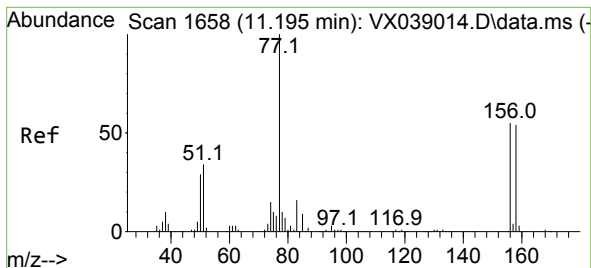
Tgt Ion: 75 Resp: 87985

Ion Ratio Lower Upper

75 100

77 32.1 0.0 76.4





#73

Bromobenzene

Concen: 21.649 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

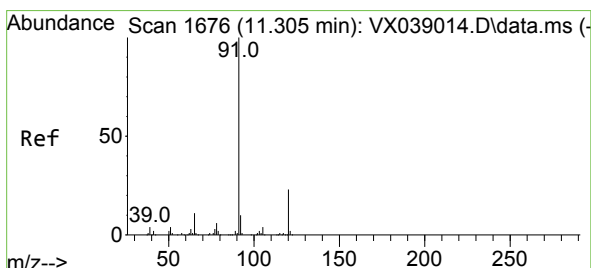
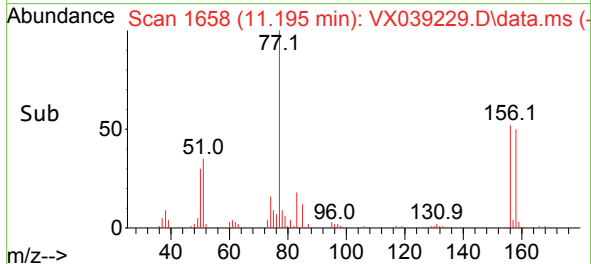
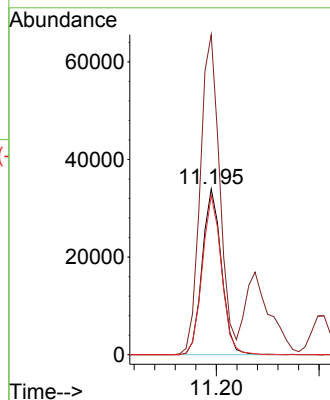
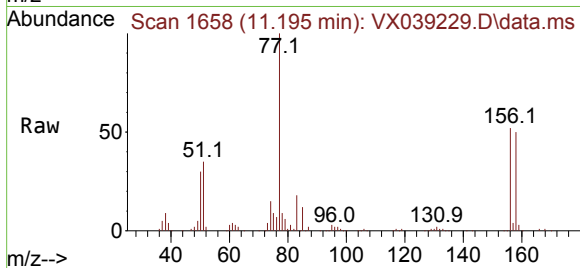
Tgt Ion:156 Resp: 44170

Ion Ratio Lower Upper

156 100

77 196.7 0.0 363.2

158 95.9 0.0 197.8



#74

n-propylbenzene

Concen: 22.763 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX039229.D

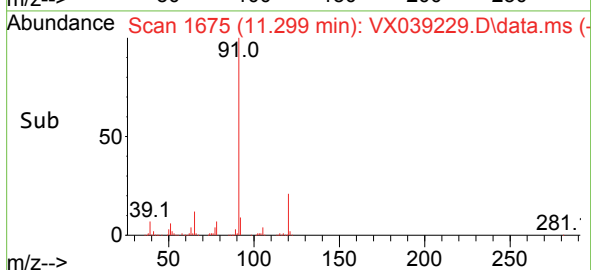
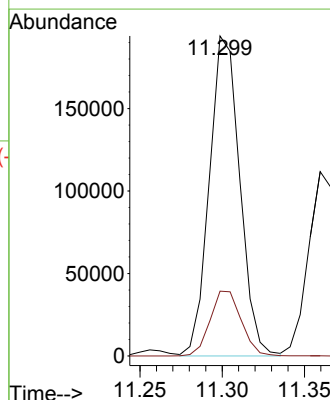
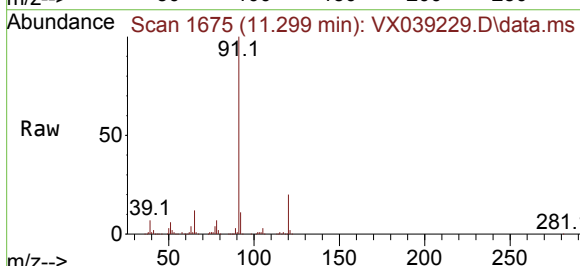
Acq: 15 Dec 2023 14:52

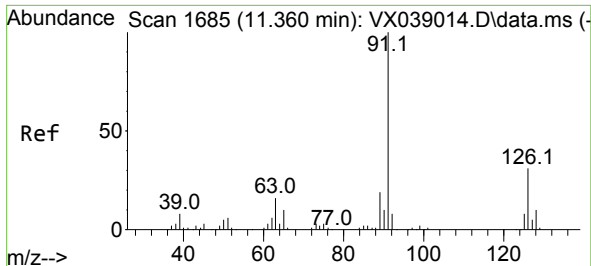
Tgt Ion: 91 Resp: 249921

Ion Ratio Lower Upper

91 100

120 20.8 0.0 43.4

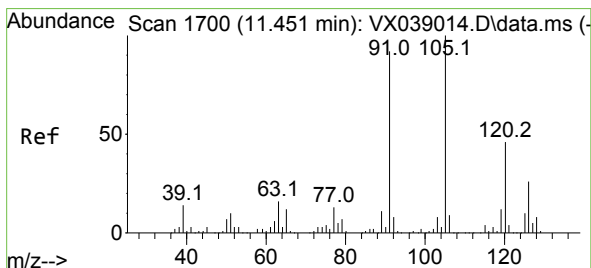
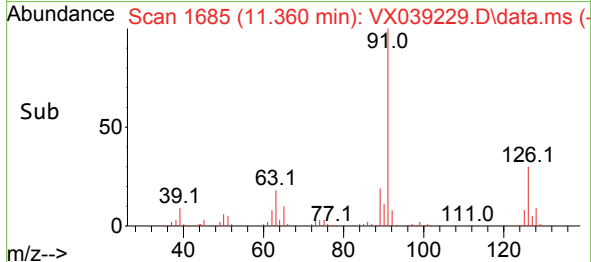
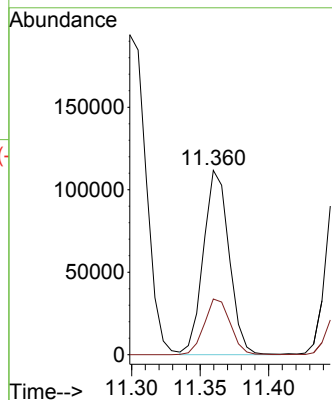
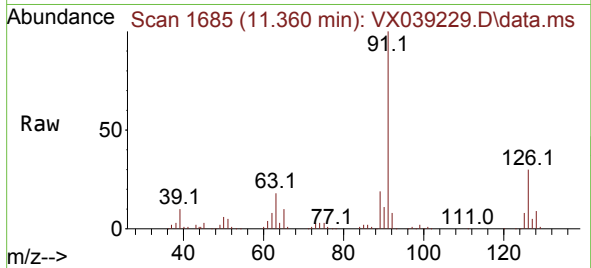




#75
2-Chlorotoluene
Concen: 22.611 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

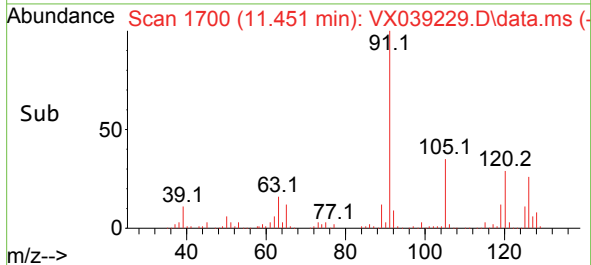
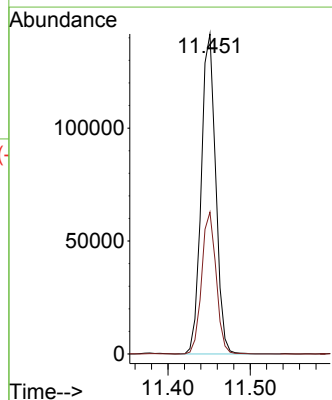
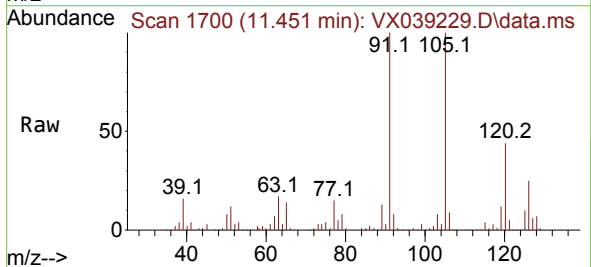
Instrument :
MSVOA_X
ClientSampleId :

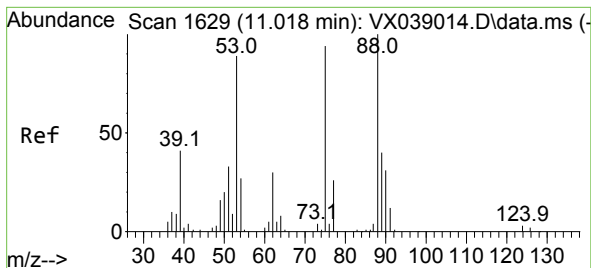
Tgt Ion: 91 Resp: 145650
Ion Ratio Lower Upper
91 100
126 30.7 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 22.445 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion:105 Resp: 173277
Ion Ratio Lower Upper
105 100
120 44.3 0.0 92.6

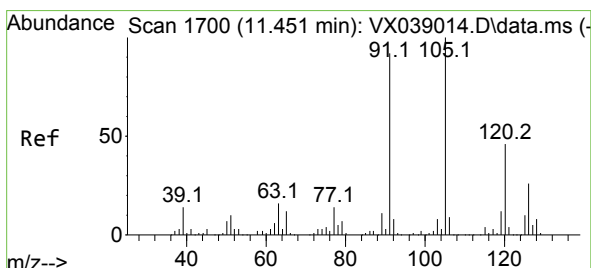
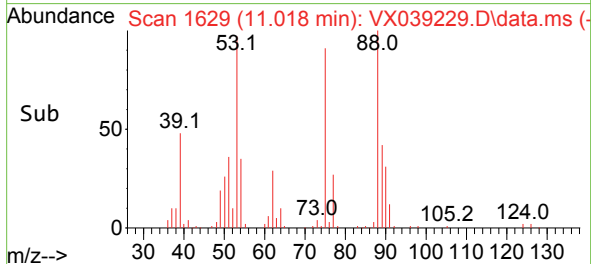
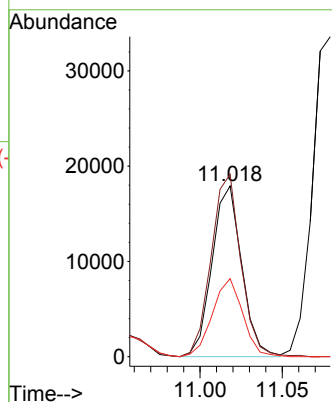
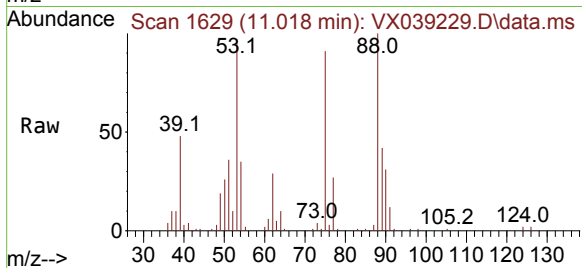




#77
t-1,4-Dichloro-2-butene
Concen: 20.097 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

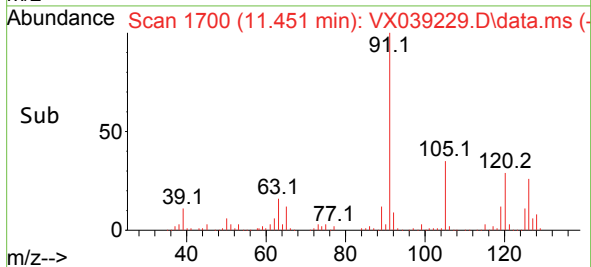
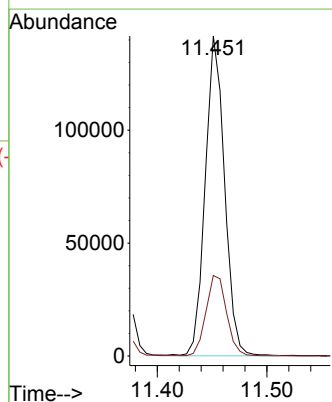
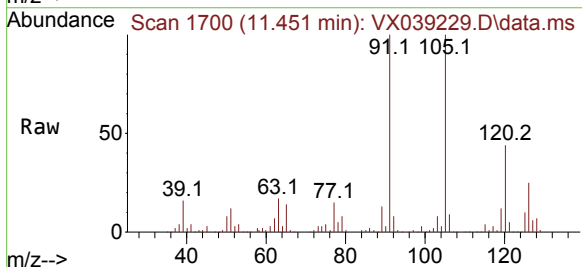
Instrument :
MSVOA_X
ClientSampleId :

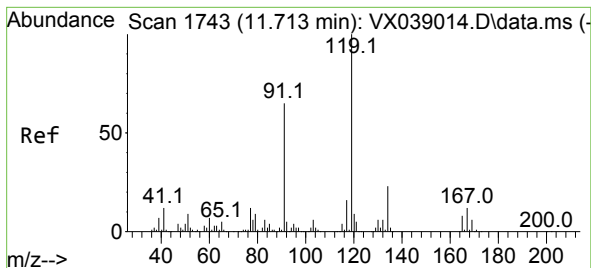
Tgt Ion: 75 Resp: 22543
Ion Ratio Lower Upper
75 100
53 106.8 46.9 140.8
89 45.7 21.3 63.7



#78
4-Chlorotoluene
Concen: 22.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion: 91 Resp: 173472
Ion Ratio Lower Upper
91 100
126 26.7 0.0 57.4

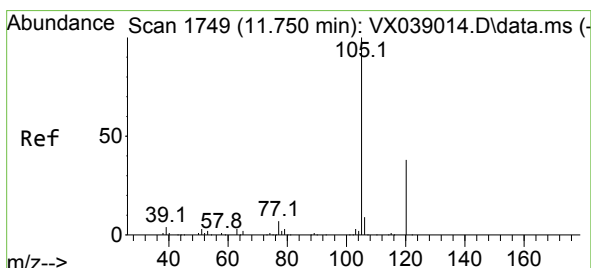
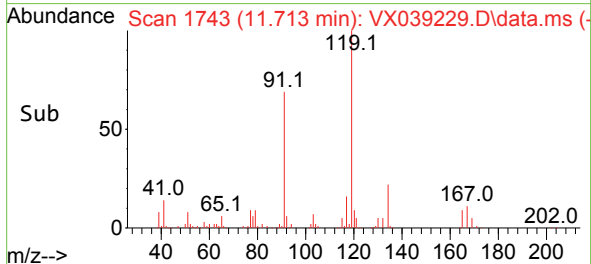
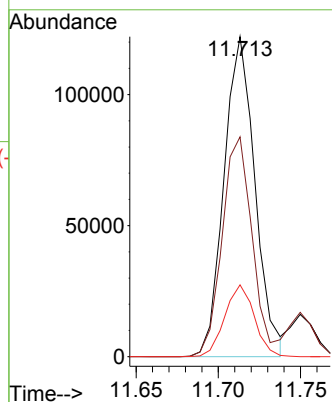
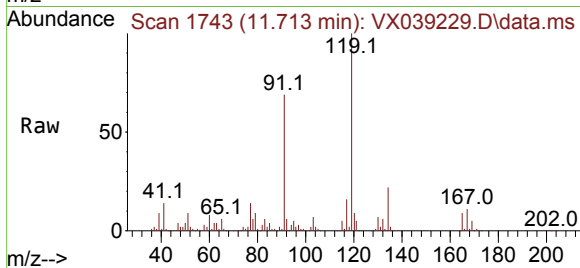




#79
tert-butylbenzene
Concen: 21.817 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

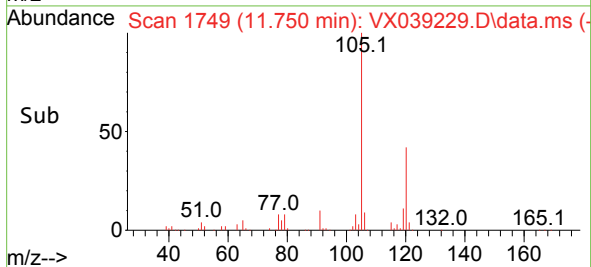
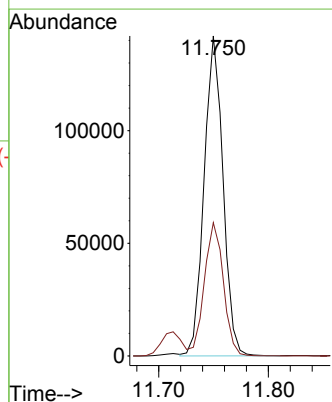
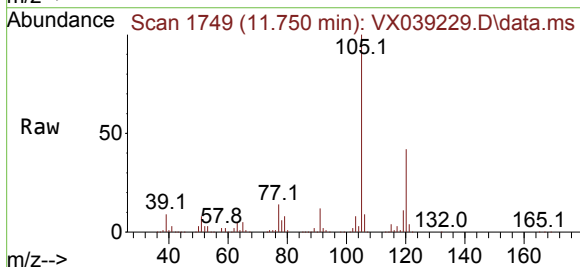
Instrument :
MSVOA_X
ClientSampleId :

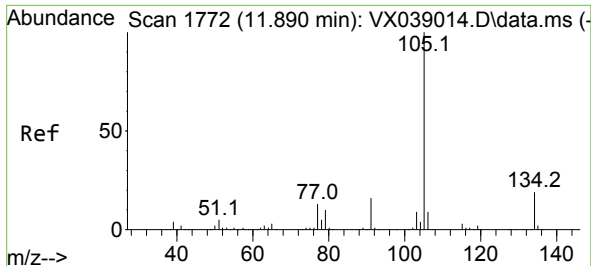
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.9	0.0	125.6
134	21.4	0.0	43.8



#80
1,2,4-Trimethylbenzene
Concen: 21.956 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	0.0	86.4

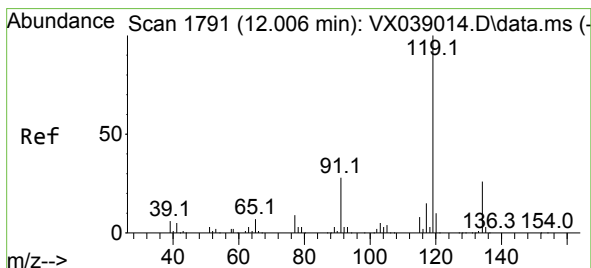
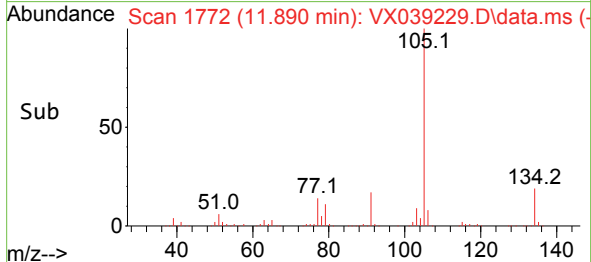
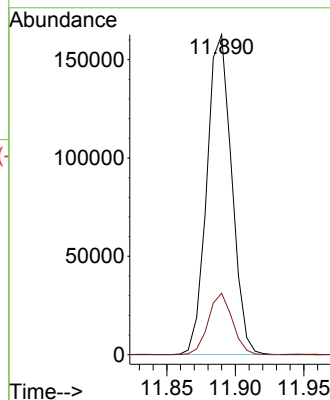
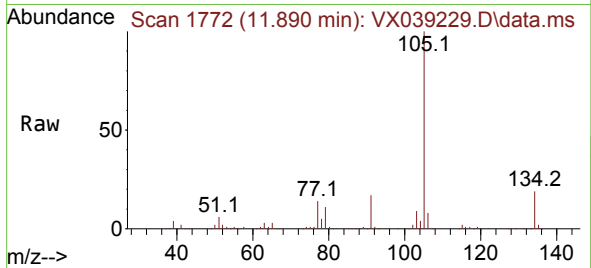




#81
 sec-Butylbenzene
 Concen: 22.068 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

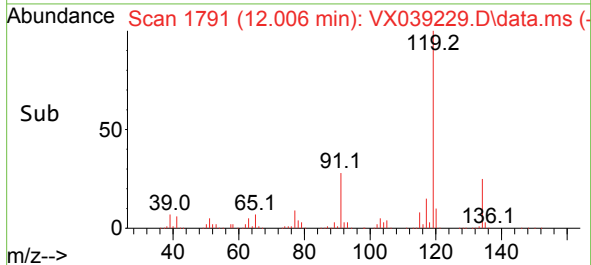
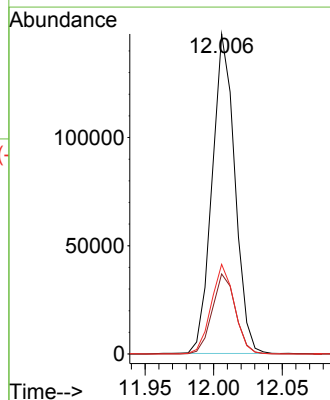
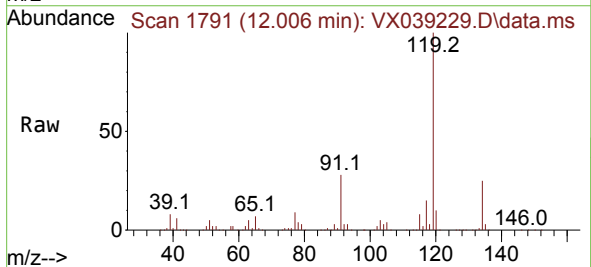
Instrument :
 MSVOA_X
 ClientSampleId :

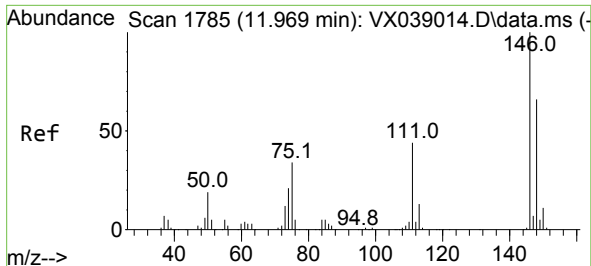
Tgt Ion:105 Resp: 204797
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 21.653 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

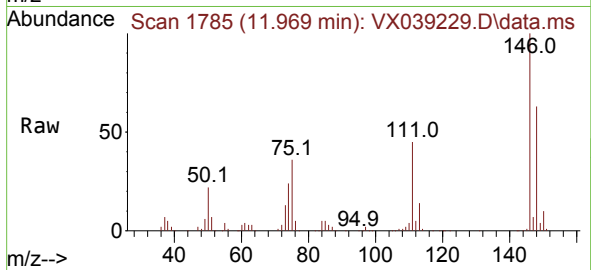
Tgt Ion:119 Resp: 170304
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 28.4 0.0 54.2



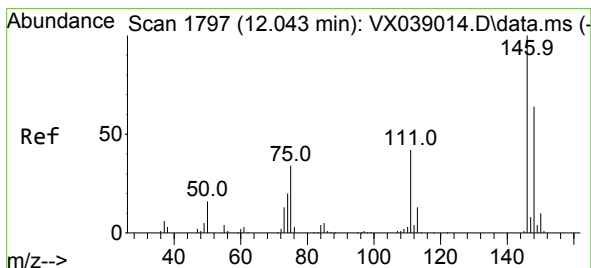
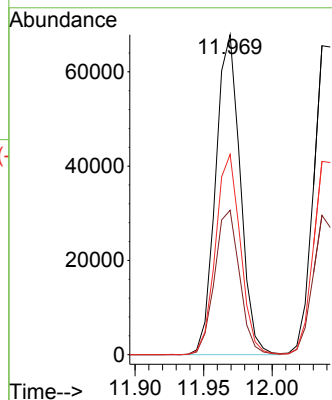
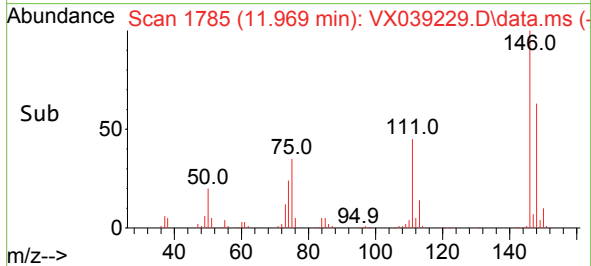


#83
1,3-Dichlorobenzene
Concen: 21.685 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

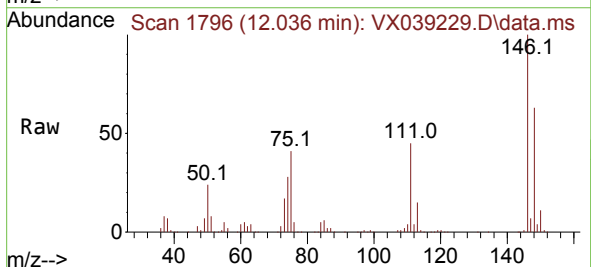
Instrument :
MSVOA_X
ClientSampleId :



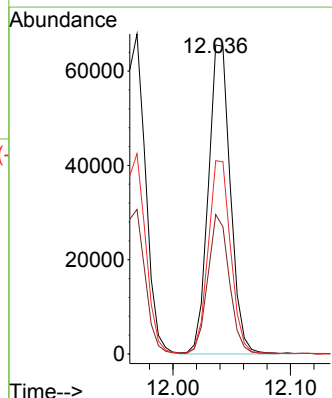
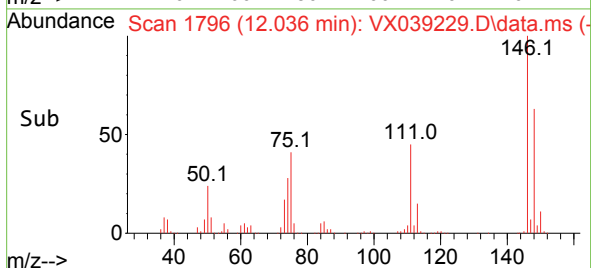
Tgt Ion:146 Resp: 84670
Ion Ratio Lower Upper
146 100
111 46.1 22.3 66.9
148 63.3 32.8 98.3

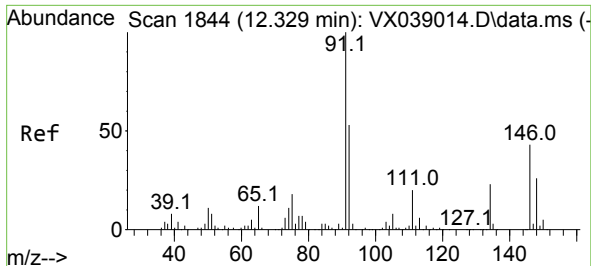


#84
1,4-Dichlorobenzene
Concen: 21.410 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52



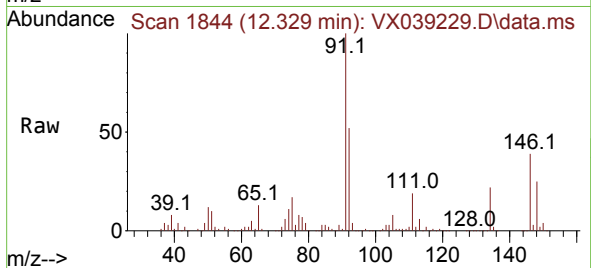
Tgt Ion:146 Resp: 85776
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.2
148 63.7 31.8 95.4



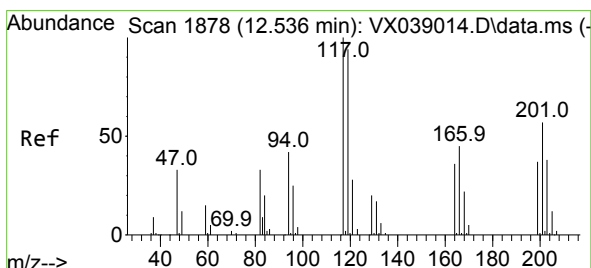
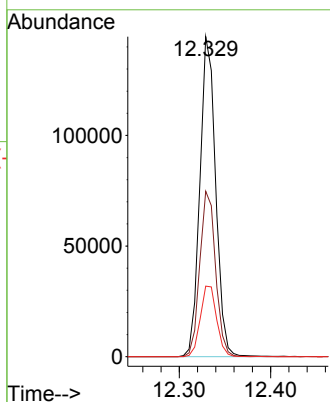
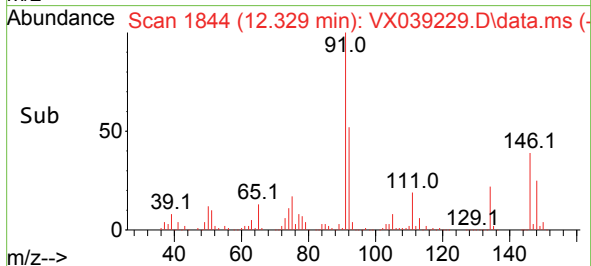


#85
n-Butylbenzene
Concen: 22.326 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :

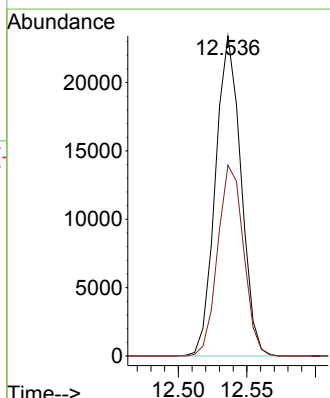
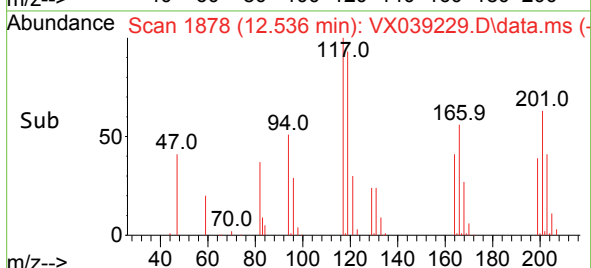
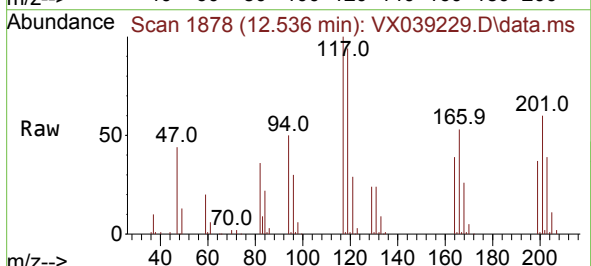


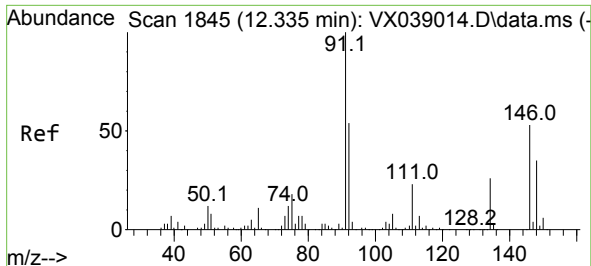
Tgt Ion: 91 Resp: 173411
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 22.8 0.0 48.8



#86
Hexachloroethane
Concen: 20.343 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039229.D
Acq: 15 Dec 2023 14:52

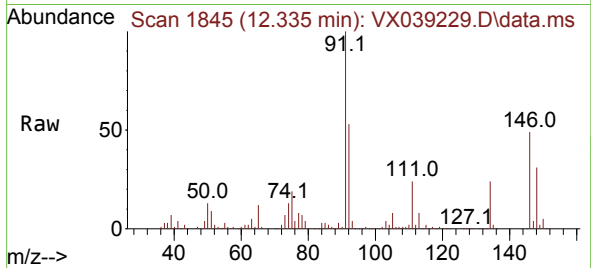
Tgt Ion: 117 Resp: 30317
Ion Ratio Lower Upper
117 100
201 60.4 31.8 95.3



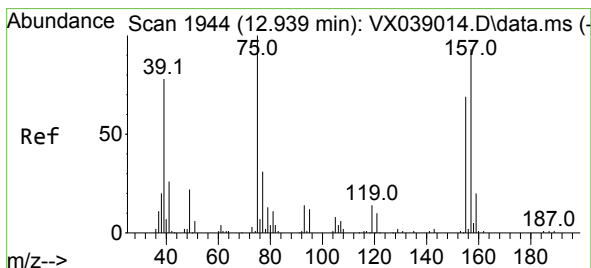
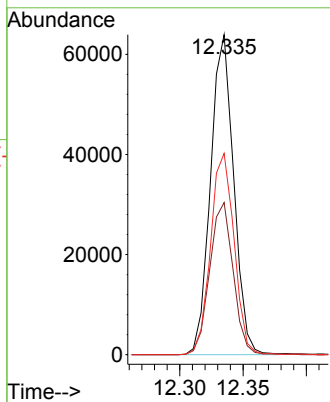
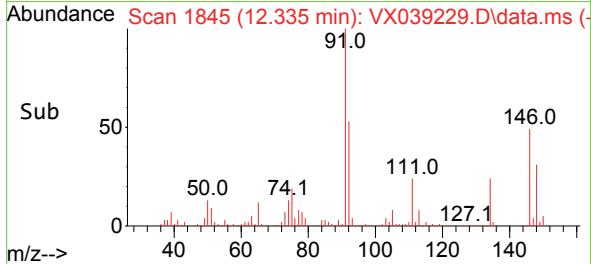


#87
 1,2-Dichlorobenzene
 Concen: 21.683 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52

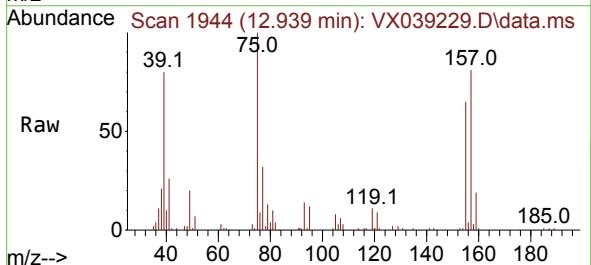
Instrument :
 MSVOA_X
 ClientSampleId :



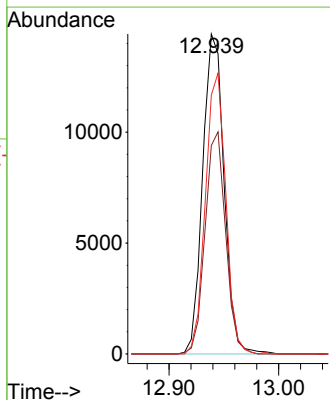
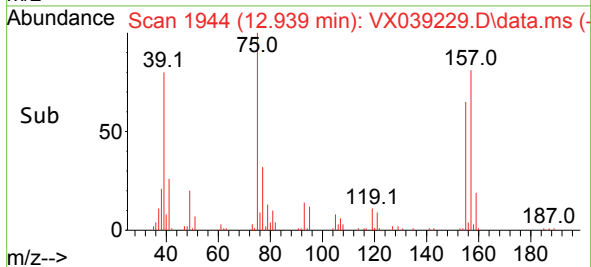
Tgt Ion:146 Resp: 81410
 Ion Ratio Lower Upper
 146 100
 111 48.1 22.4 67.2
 148 63.8 31.9 95.7

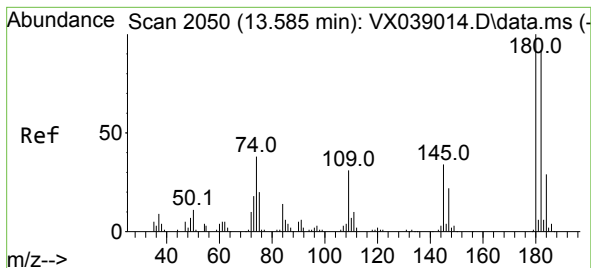


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.886 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX039229.D
 Acq: 15 Dec 2023 14:52



Tgt Ion: 75 Resp: 19581
 Ion Ratio Lower Upper
 75 100
 155 66.6 58.2 87.4
 157 83.2 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 20.903 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

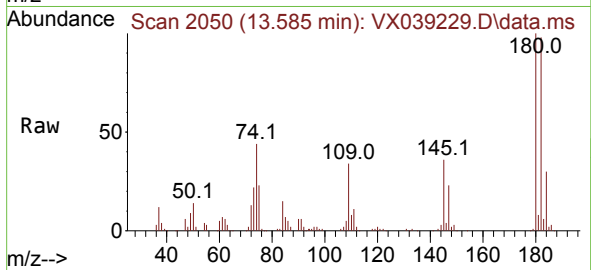
Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :



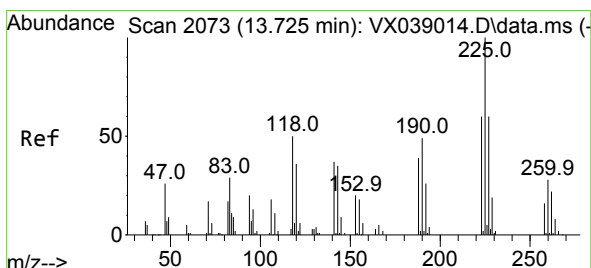
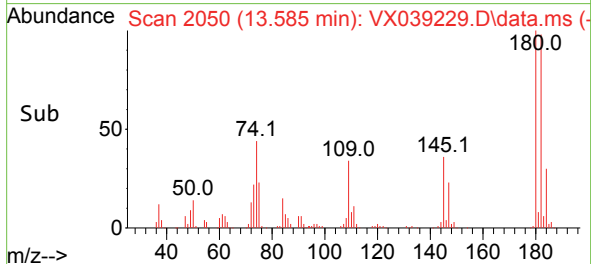
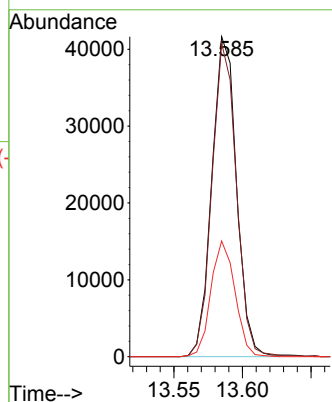
Tgt Ion:180 Resp: 52034

Ion Ratio Lower Upper

180 100

182 97.1 74.5 111.7

145 35.3 26.6 40.0



#90

Hexachlorobutadiene

Concen: 22.693 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

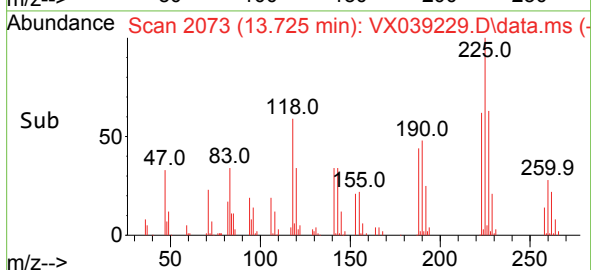
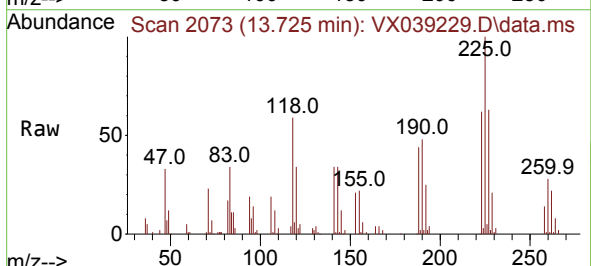
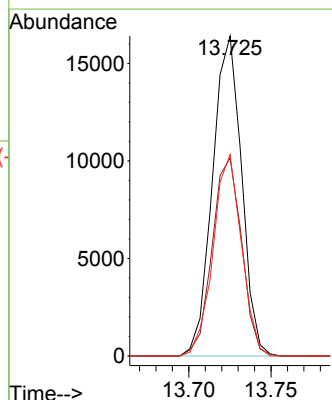
Tgt Ion:225 Resp: 20171

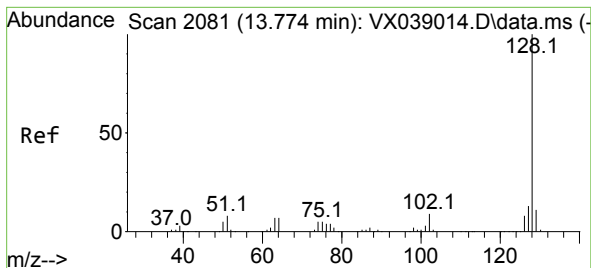
Ion Ratio Lower Upper

225 100

223 62.8 0.0 124.4

227 61.3 0.0 124.4





#91

Naphthalene

Concen: 21.163 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

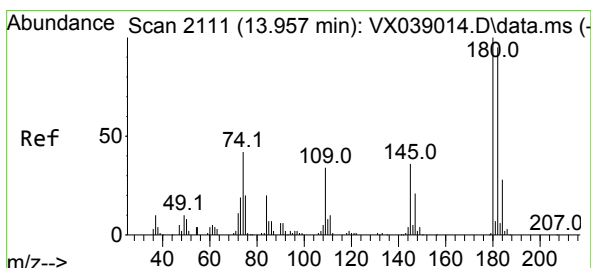
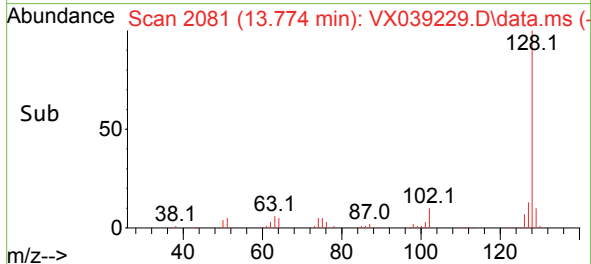
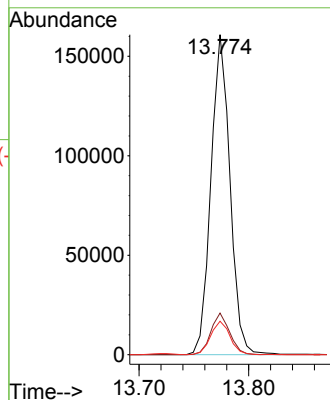
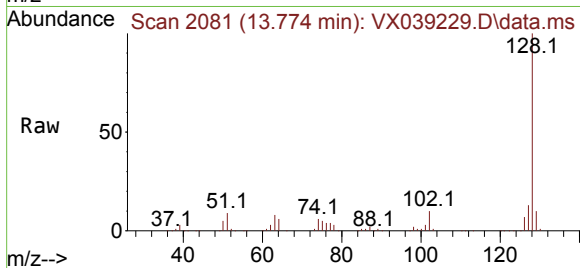
Tgt Ion:128 Resp: 194291

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 21.377 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX039229.D

Acq: 15 Dec 2023 14:52

Tgt Ion:180 Resp: 51545

Ion Ratio Lower Upper

180 100

182 94.0 0.0 191.6

145 36.8 0.0 69.6

