

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041198.D
 Acq On : 22 Apr 2024 18:29
 Operator : JC/MD
 Sample : P2189-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA

Quant Time: Apr 23 05:40:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	209994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	300923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	168533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101523	50.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.580%
35) Dibromofluoromethane	5.391	113	85285	46.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	8.647	98	349625	56.612	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.220%#
62) 4-Bromofluorobenzene	11.079	95	141511	62.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.160%#
Target Compounds						
						Qvalue
3) Chloromethane	1.355	50	128910	71.687	ug/l	# 78
5) Bromomethane	1.593	94	728	0.719	ug/l	100
6) Chloroethane	1.770	64	16333	23.908	ug/l	# 52
8) Diethyl Ether	2.136	74	318	0.310	ug/l	# 1
10) Methyl Iodide	2.441	142	4344	2.197	ug/l	# 88
11) Tert butyl alcohol	2.959	59	1870172	5222.221	ug/l	# 21
15) Acrylonitrile	3.111	53	11118	12.149	ug/l	# 18
16) Acetone	2.398	43	2400419	3298.984	ug/l	90
17) Carbon Disulfide	2.489	76	3157	0.988	ug/l	99
18) Methyl Acetate	2.959	43	10455740	4857.675	ug/l	# 54
19) Methyl tert-butyl Ether	3.123	73	562348	102.788	ug/l	# 79
20) Methylene Chloride	2.788	84	7317	4.117	ug/l	# 84
22) Diisopropyl ether	3.831	45	6489462	1207.291	ug/l	# 1
23) Vinyl Acetate	3.697	43	106519	23.164	ug/l	# 81
24) 1,1-Dichloroethane	3.733	63	19242	6.404	ug/l	# 83
25) 2-Butanone	4.574	43	84182	67.745	ug/l	97
26) 2,2-Dichloropropane	4.221	77	262400	103.328	ug/l	# 54
31) Cyclohexane	5.471	56	1016	0.378	ug/l	# 71
36) 1,1-Dichloropropene	5.550	75	12920	5.516	ug/l	# 50
37) Ethyl Acetate	4.574	43	84182	32.760	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	17652	6.748	ug/l	# 15
39) Methylcyclohexane	7.379	83	1482	0.477	ug/l	# 86
40) Benzene	6.038	78	116989	16.173	ug/l	99
42) 1,2-Dichloroethane	6.062	62	3609	1.439	ug/l	# 77
43) Isopropyl Acetate	6.348	43	112320	27.134	ug/l	99
45) 1,2-Dichloropropane	7.531	63	622	0.359	ug/l	92
46) Dibromomethane	7.604	93	350	0.271	ug/l	# 51
48) Methyl methacrylate	7.684	41	184757	94.365	ug/l	# 38
49) 1,4-Dioxane	7.702	88	9542	226.429	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.555	43	87802	33.887	ug/l	# 46
52) Toluene	8.720	92	2111110	463.179	ug/l	98
53) t-1,3-Dichloropropene	8.903	75	151517	64.800	ug/l	# 43
54) cis-1,3-Dichloropropene	8.336	75	2567	0.966	ug/l	# 1
56) Ethyl methacrylate	9.122	69	761	0.280	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.336	63	3032	2.291	ug/l	91
59) 2-Hexanone	9.488	43	57196	28.787	ug/l	69

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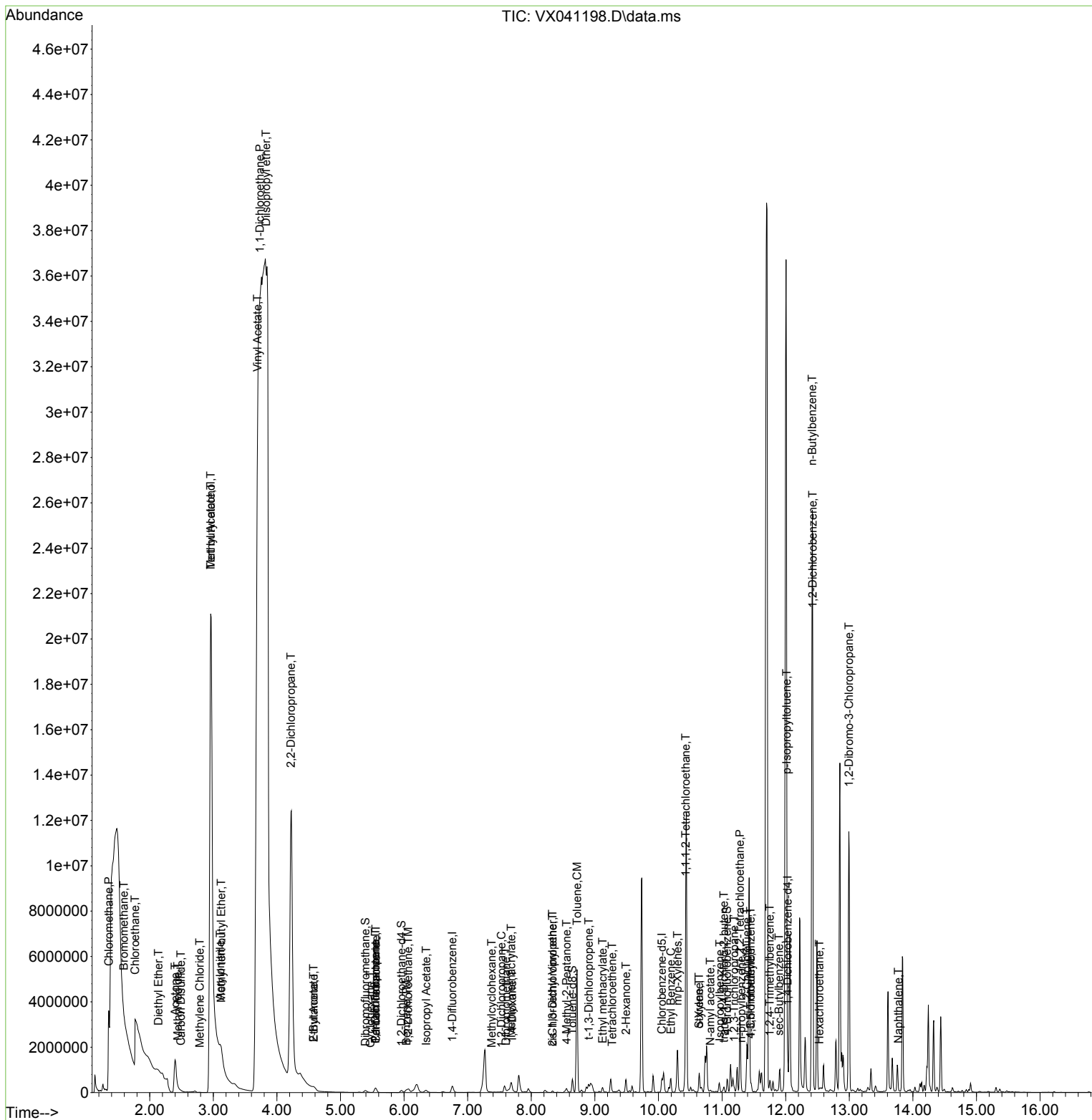
Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA

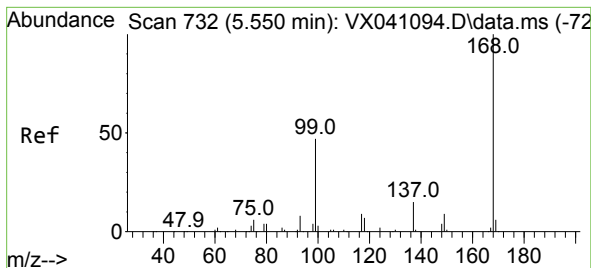
Quant Time: Apr 23 05:40:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.275	164	775	0.364	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	10.427	131	1737	0.888	ug/l #	9
67) Ethyl Benzene	10.195	91	353181	38.746	ug/l	97
68) m/p-Xylenes	10.299	106	416442	113.172	ug/l	91
69) o-Xylene	10.640	106	172688	48.252	ug/l	92
70) Styrene	10.640	104	9180	1.577	ug/l #	1
73) Isopropylbenzene	10.964	105	14901	1.421	ug/l	96
74) N-amyl acetate	10.817	43	16712	4.055	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	11.281	83	50014	15.124	ug/l #	26
76) 1,2,3-Trichloropropane	11.189	75	4014	1.478	ug/l #	37
78) n-propylbenzene	11.305	91	36902	3.259	ug/l	100
79) 2-Chlorotoluene	11.390	91	61801	8.625	ug/l #	1
80) 1,3,5-Trimethylbenzene	11.451	105	52681	6.039	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.031	75	8089	8.405	ug/l #	30
82) 4-Chlorotoluene	11.451	91	5348	0.659	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.750	105	194099	22.417	ug/l	94
85) sec-Butylbenzene	11.896	105	16636	1.542	ug/l	81
86) p-Isopropyltoluene	12.018	119	12304	1.294	ug/l #	1
89) n-Butylbenzene	12.421	91	13595	1.883	ug/l	76
90) Hexachloroethane	12.530	117	2178	1.389	ug/l #	17
91) 1,2-Dichlorobenzene	12.427	146	8921	1.625	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	12.994	75	66682	96.100	ug/l #	9
95) Naphthalene	13.774	128	10997	1.005	ug/l #	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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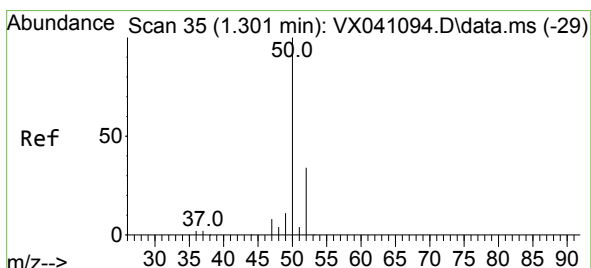
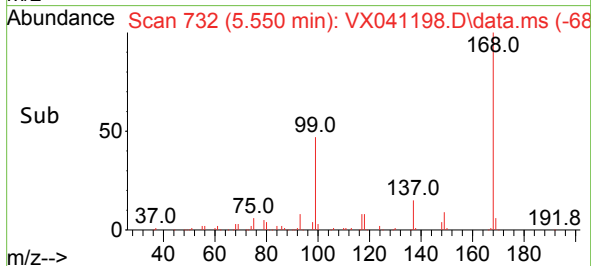
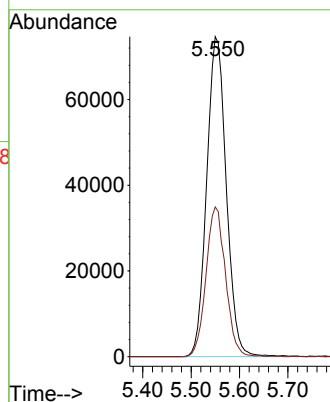
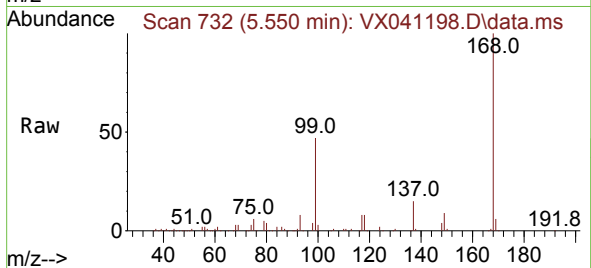
SILICA

Tgt Ion:168 Resp: 209994

Ion Ratio Lower Upper

168 100

99 46.8 56.6 85.0#



#3

Chloromethane

Concen: 71.687 ug/l

RT: 1.355 min Scan# 44

Delta R.T. 0.055 min

Lab File: VX041198.D

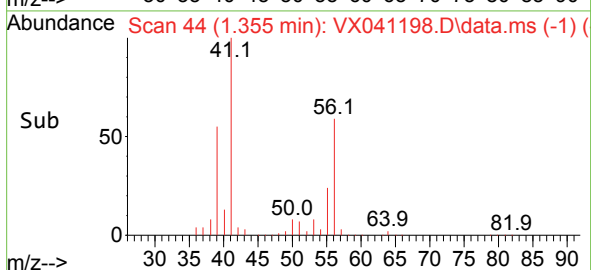
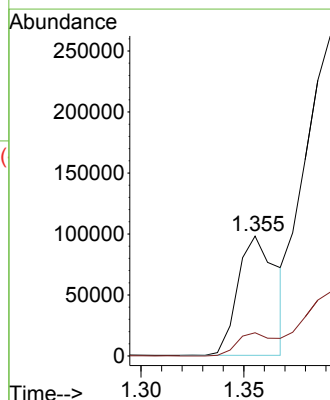
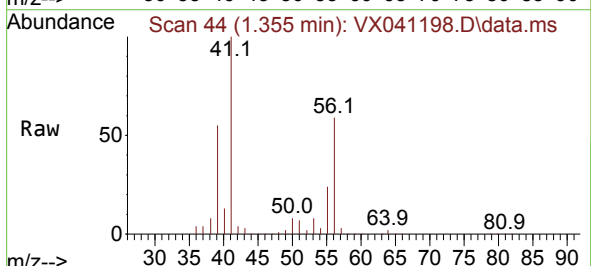
Acq: 22 Apr 2024 18:29

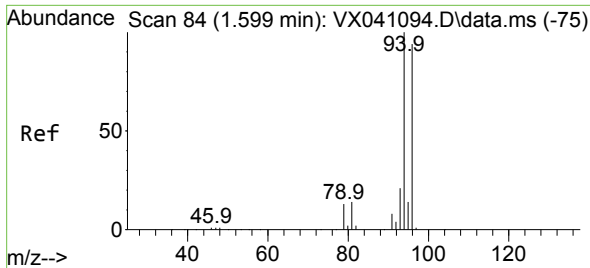
Tgt Ion: 50 Resp: 128910

Ion Ratio Lower Upper

50 100

52 19.4 25.5 38.3#

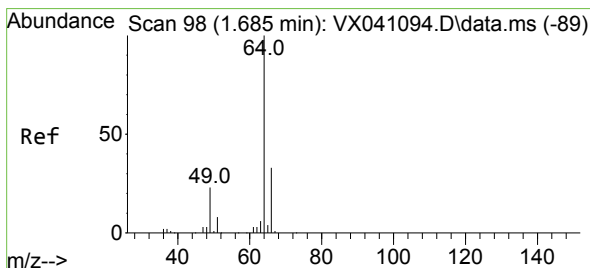
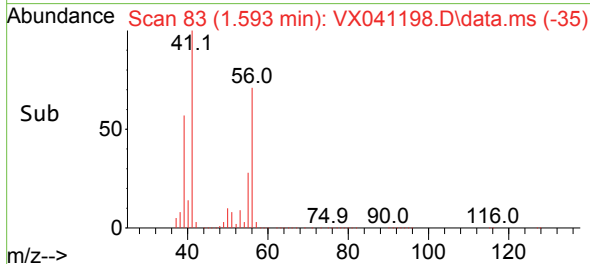
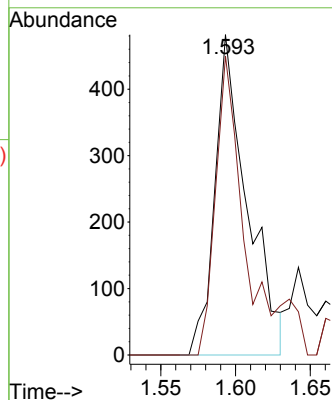
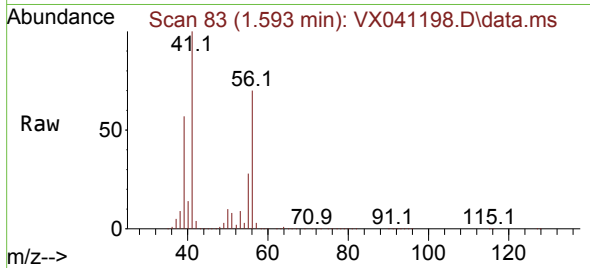




#5
Bromomethane
Concen: 0.719 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

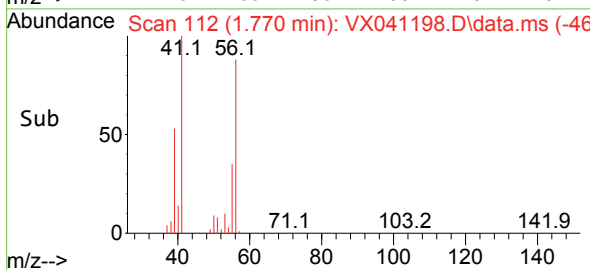
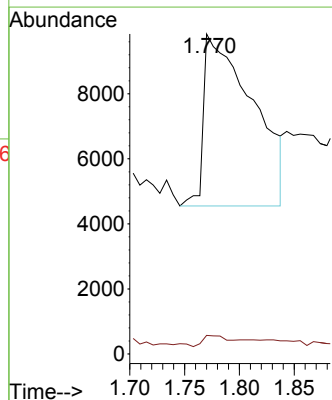
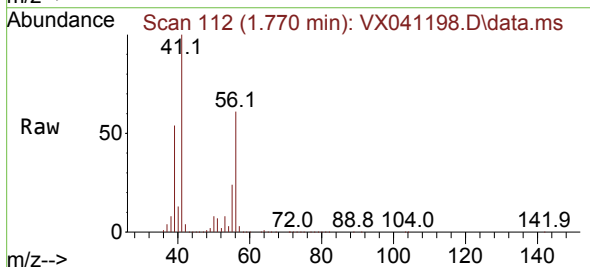
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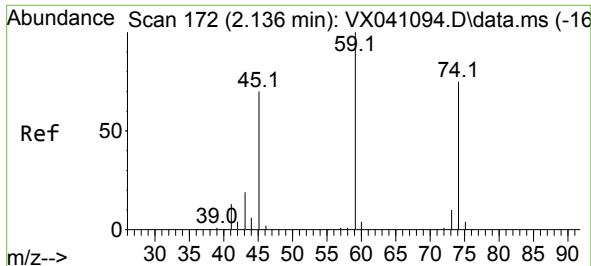
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8



#6
Chloroethane
Concen: 23.908 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.104 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 64 Resp: 16333
Ion Ratio Lower Upper
64 100
66 4.8 25.1 37.7#





#8

Diethyl Ether

Concen: 0.310 ug/l

RT: 2.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

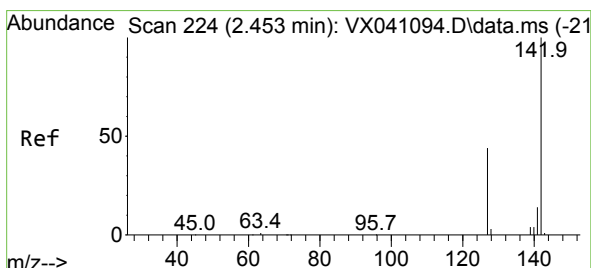
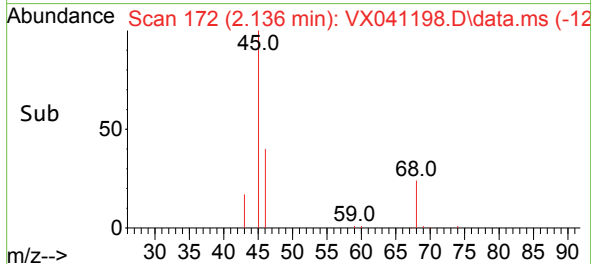
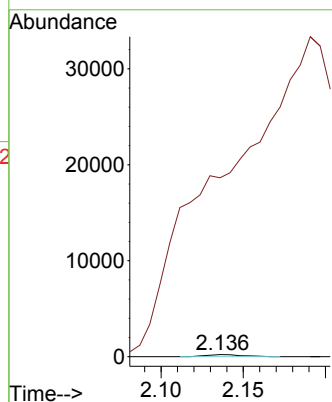
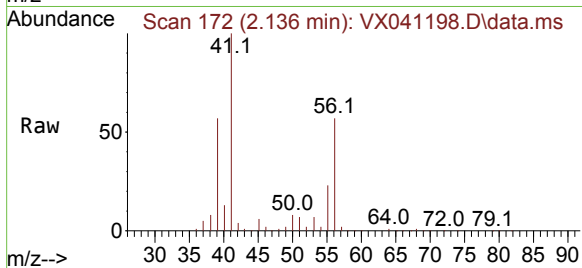
SILICA

Tgt Ion: 74 Resp: 318

Ion Ratio Lower Upper

74 100

45 0.0 53.3 159.8#



#10

Methyl Iodide

Concen: 2.197 ug/l

RT: 2.441 min Scan# 222

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

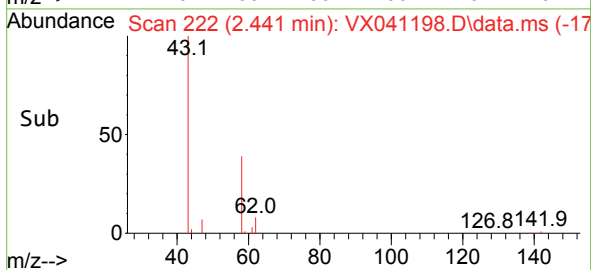
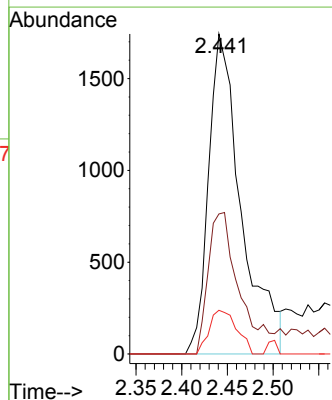
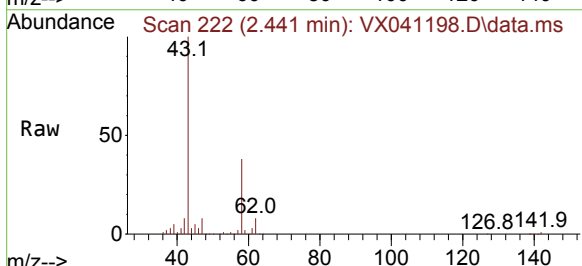
Tgt Ion: 142 Resp: 4344

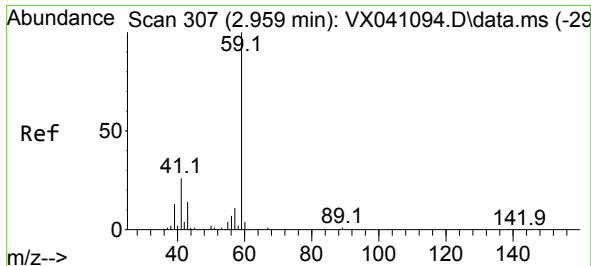
Ion Ratio Lower Upper

142 100

127 42.3 41.6 62.4

141 11.5 11.6 17.4#

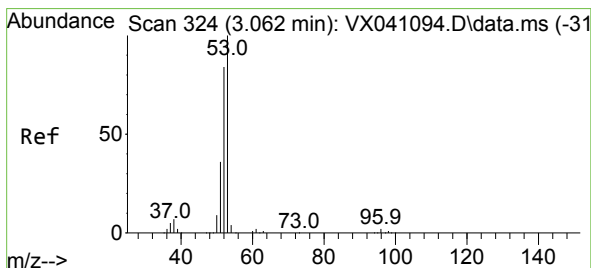
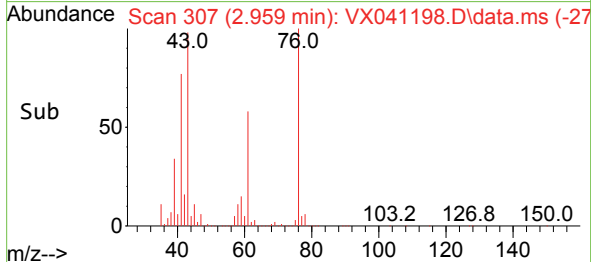
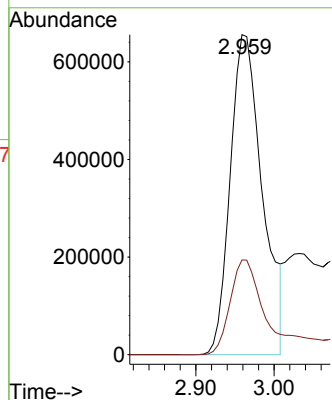
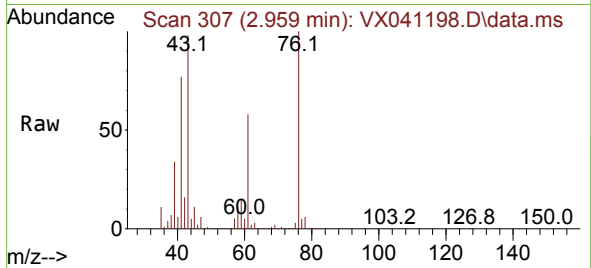




#11
Tert butyl alcohol
Concen: 5222.221 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.104 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

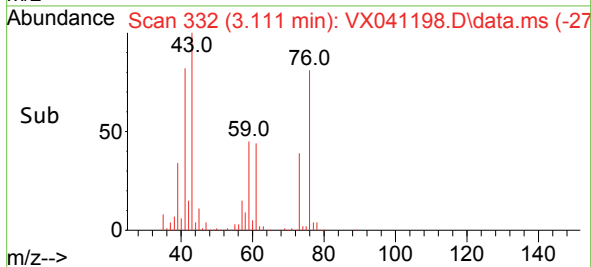
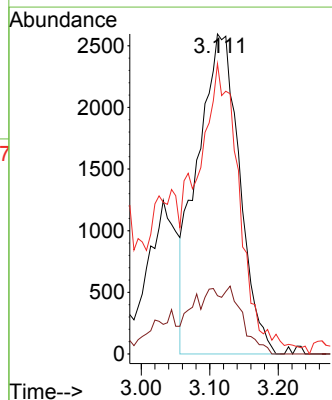
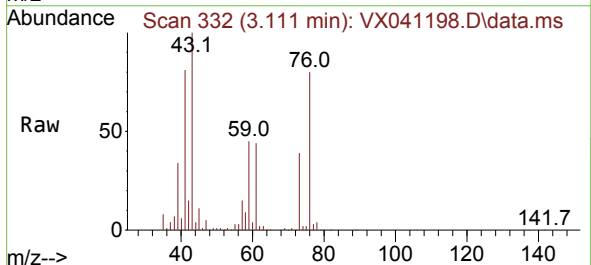
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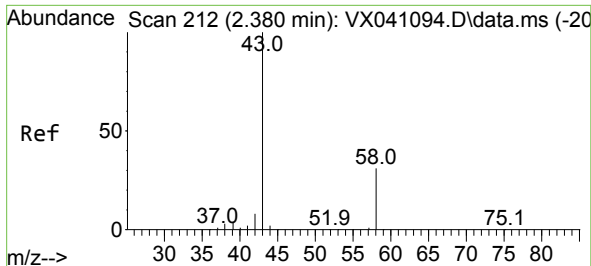
Tgt Ion: 59 Resp: 1870172
Ion Ratio Lower Upper
59 100
57 35.0 6.0 9.0#



#15
Acrylonitrile
Concen: 12.149 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.037 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 53 Resp: 11118
Ion Ratio Lower Upper
53 100
52 2.1 66.0 99.0#
51 75.3 29.8 44.6#

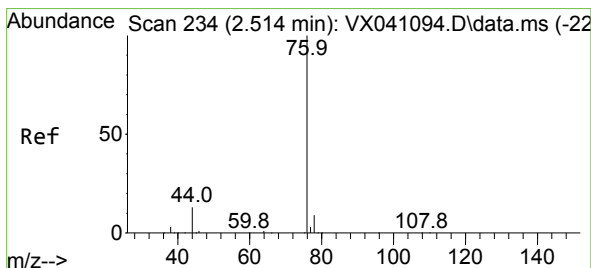
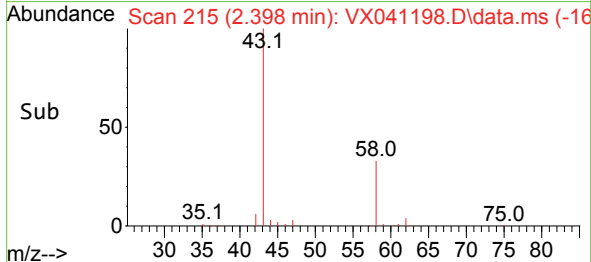
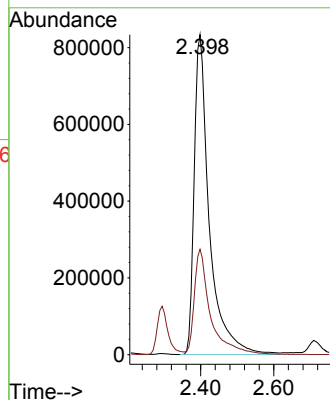
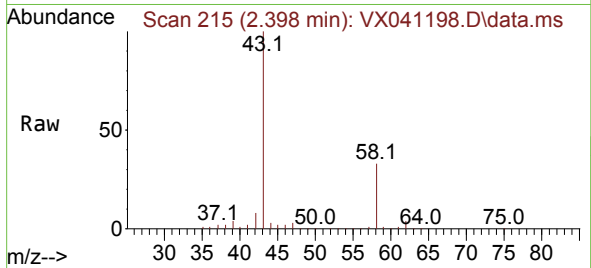




#16
Acetone
Concen: 3298.984 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

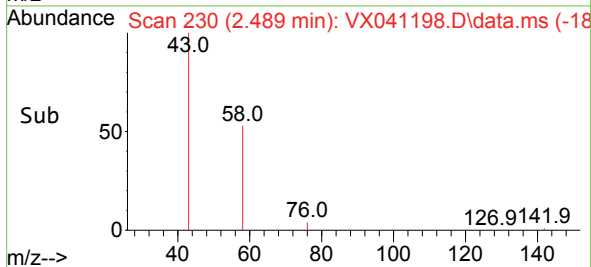
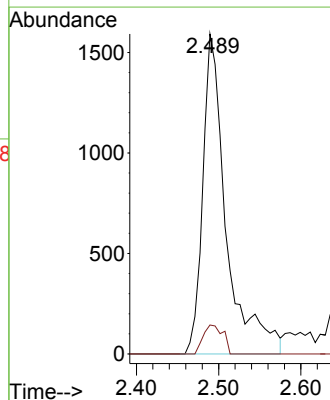
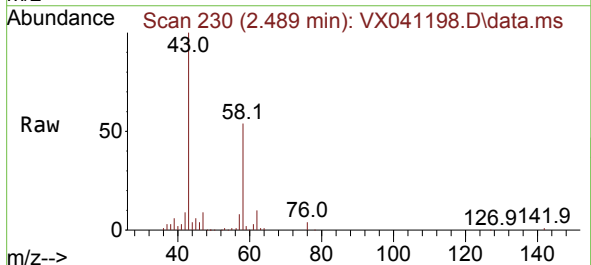
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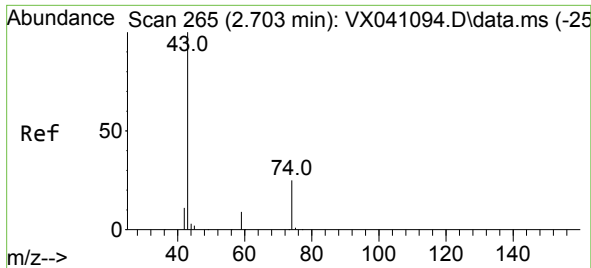
Tgt Ion: 43 Resp: 2400419
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.988 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.012 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 76 Resp: 3157
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

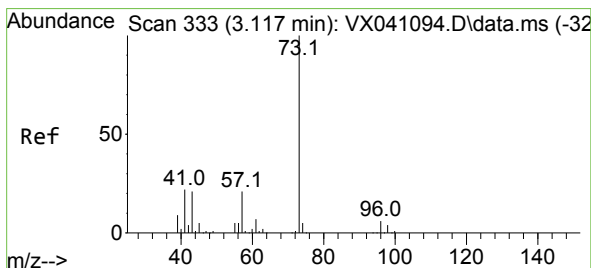
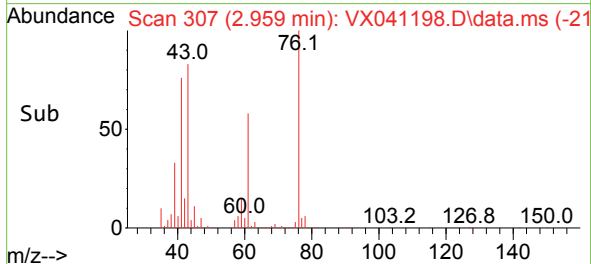
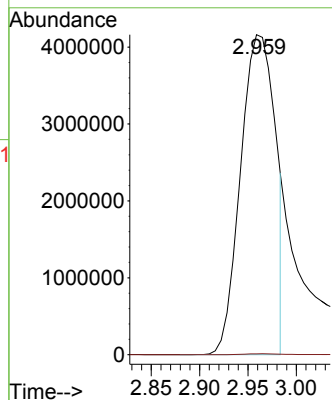
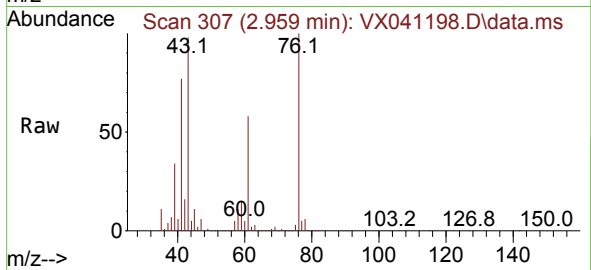




#18
Methyl Acetate
Concen: 4857.675 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.250 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

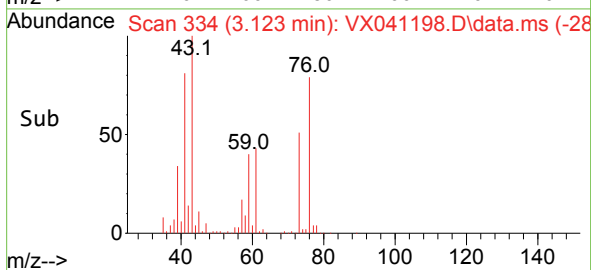
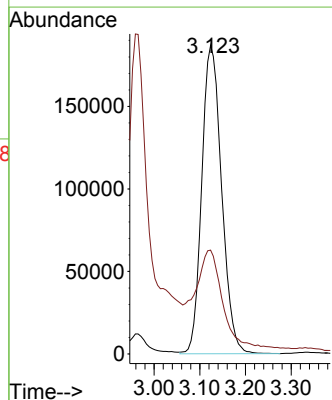
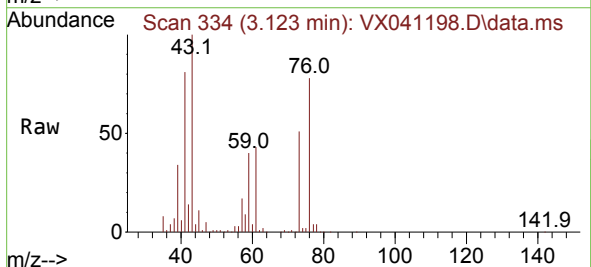
Instrument :
MSVOA_X
ClientSampleId :
SILICA

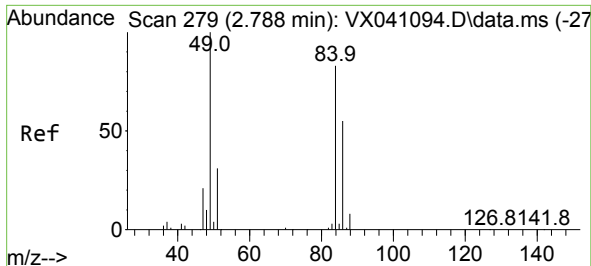
Tgt Ion: 43 Resp:10455740
Ion Ratio Lower Upper
43 100
74 0.3 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 102.788 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 73 Resp: 562348
Ion Ratio Lower Upper
73 100
57 31.7 17.3 25.9#

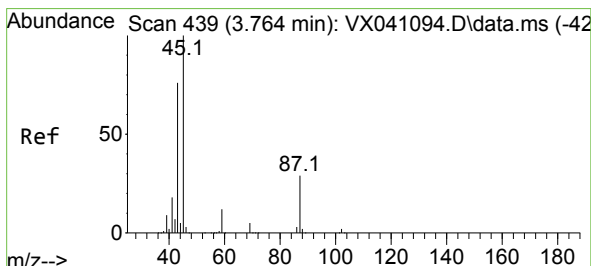
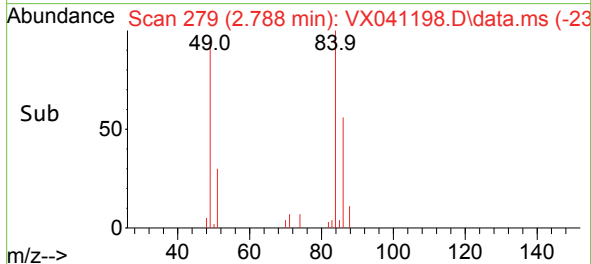
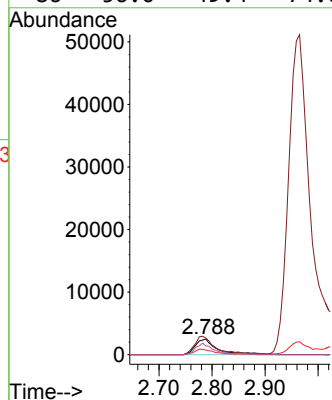
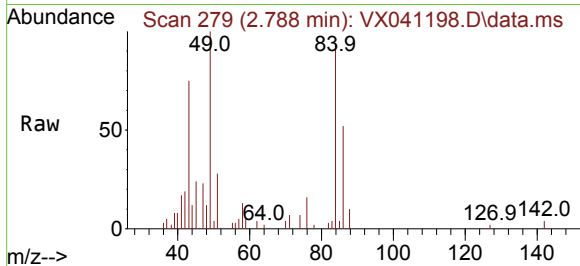




#20
Methylene Chloride
Concen: 4.117 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

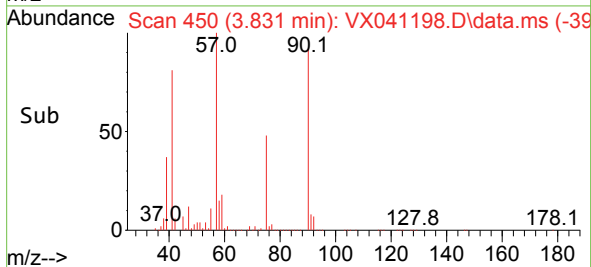
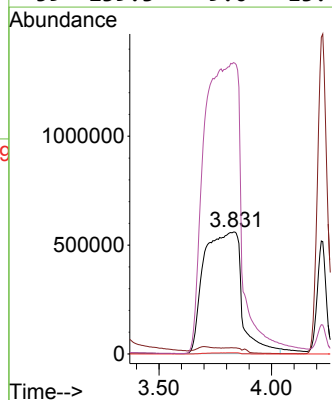
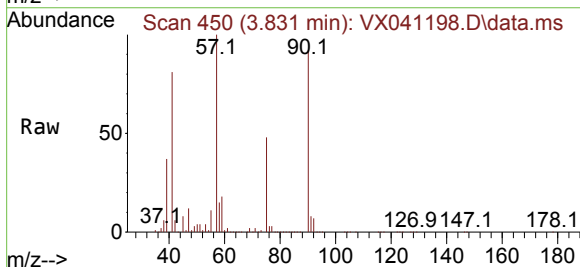
Instrument :
MSVOA_X
ClientSampleId :
SILICA

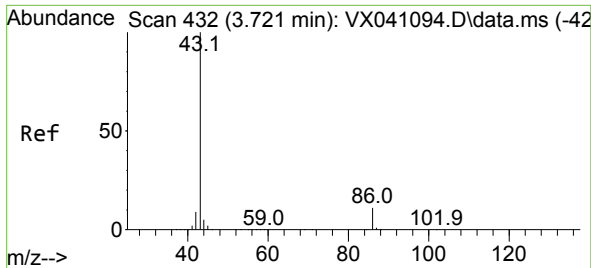
Tgt Ion:	84	Resp:	7317
Ion	Ratio	Lower	Upper
84	100		
49	106.9	103.6	155.4
51	29.5	33.8	50.6#
86	56.0	49.4	74.0



#22
Diisopropyl ether
Concen: 1207.291 ug/l
RT: 3.831 min Scan# 450
Delta R.T. 0.067 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion:	45	Resp:	6489462
Ion	Ratio	Lower	Upper
45	100		
43	4.7	69.7	104.5#
87	1.0	20.8	31.2#
59	239.3	9.0	13.4#

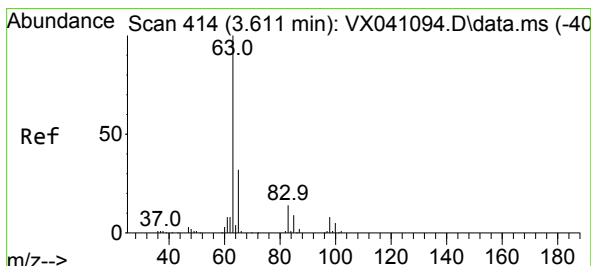
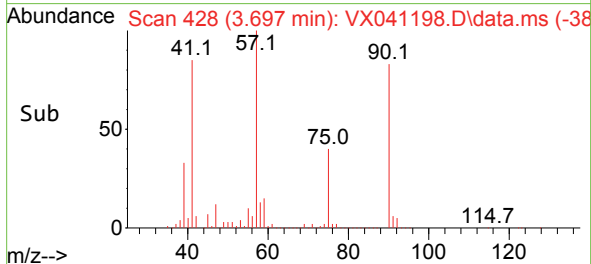
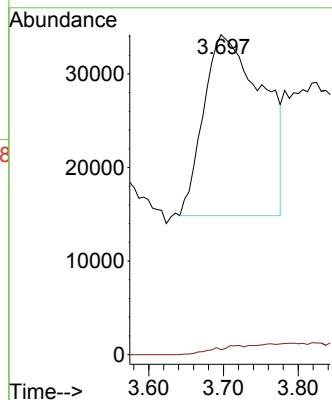
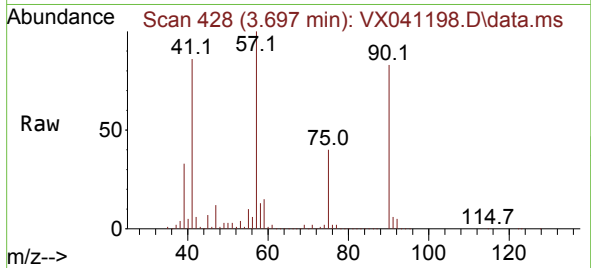




#23
Vinyl Acetate
Concen: 23.164 ug/l
RT: 3.697 min Scan# 41
Delta R.T. -0.024 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

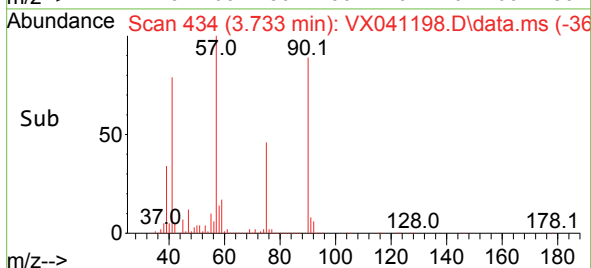
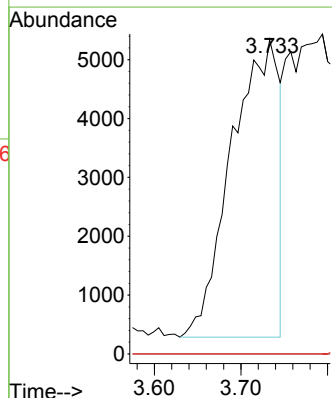
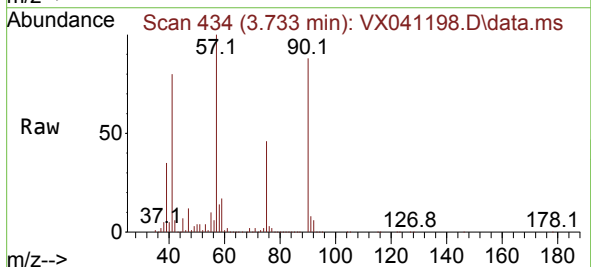
Instrument :
MSVOA_X
ClientSampleId :
SILICA

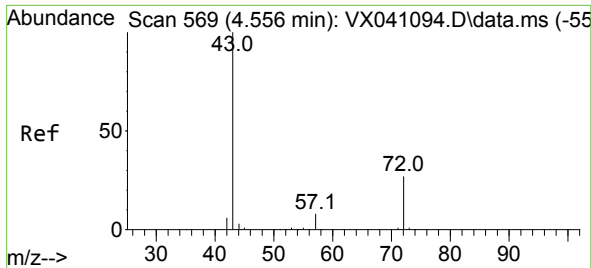
Tgt Ion: 43 Resp: 106519
Ion Ratio Lower Upper
43 100
86 2.8 7.8 11.8#



#24
1,1-Dichloroethane
Concen: 6.404 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.128 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 63 Resp: 19242
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

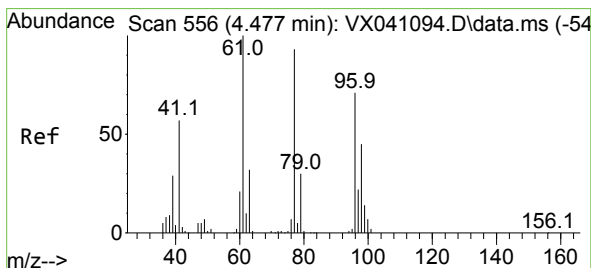
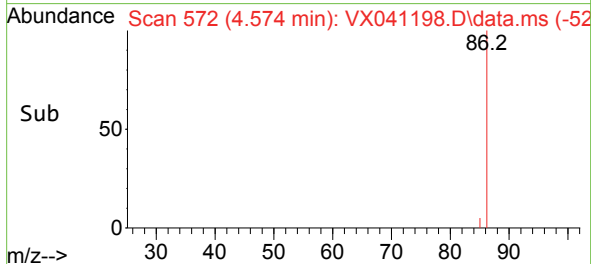
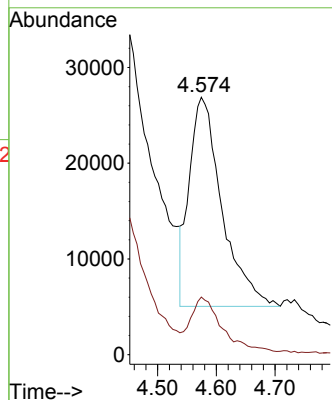
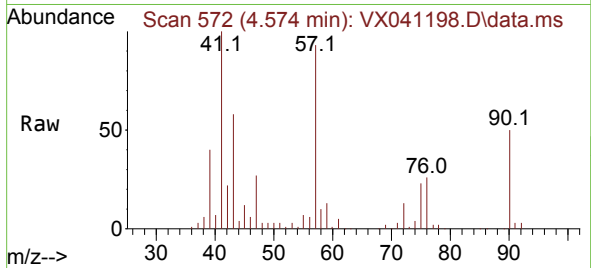




#25
2-Butanone
Concen: 67.745 ug/l
RT: 4.574 min Scan# 514
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

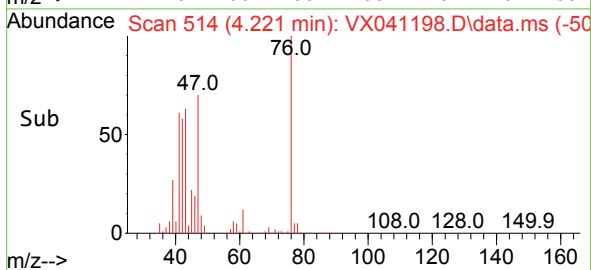
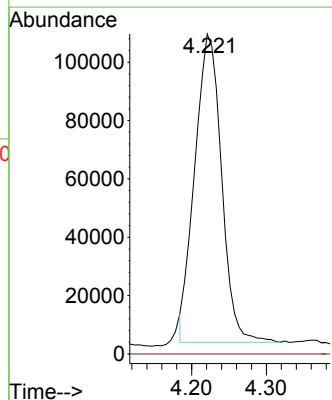
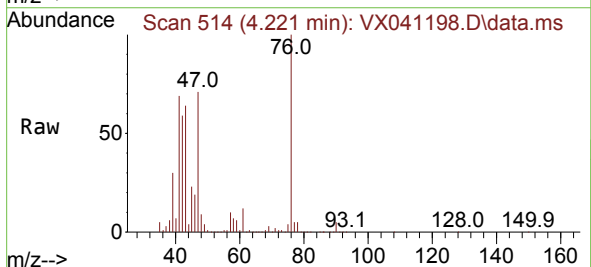
Instrument :
MSVOA_X
ClientSampleId :
SILICA

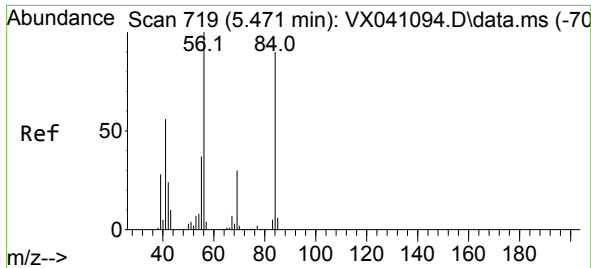
Tgt Ion: 43 Resp: 84182
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 103.328 ug/l
RT: 4.221 min Scan# 514
Delta R.T. -0.250 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 77 Resp: 262400
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

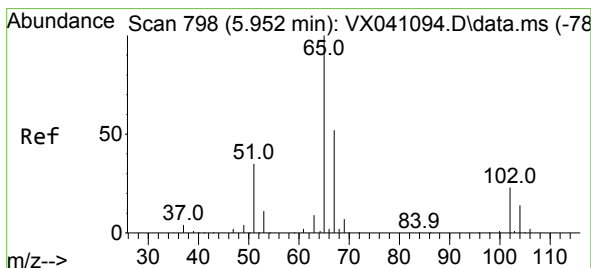
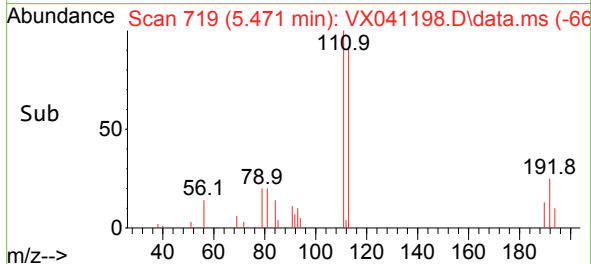
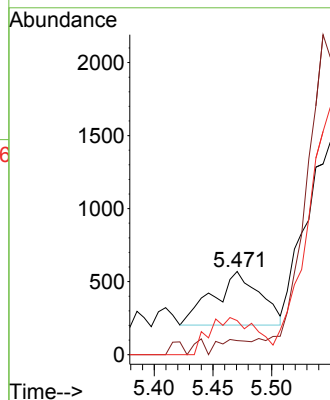
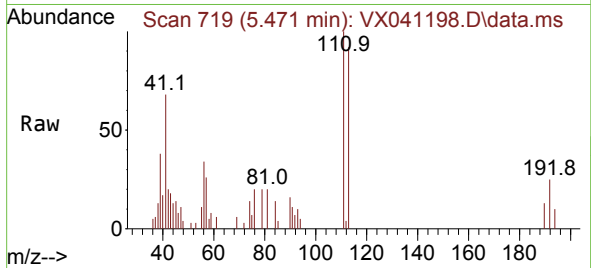




#31
Cyclohexane
Concen: 0.378 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

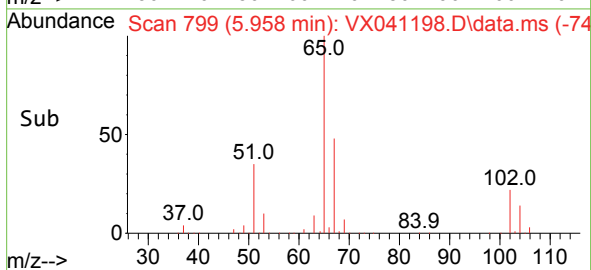
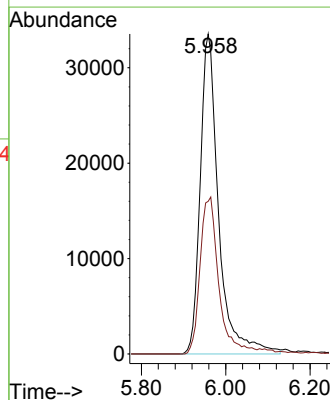
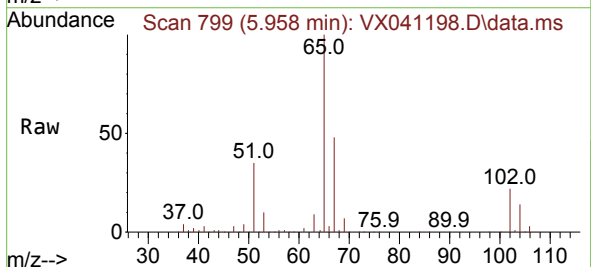
Instrument :
MSVOA_X
ClientSampleId :
SILICA

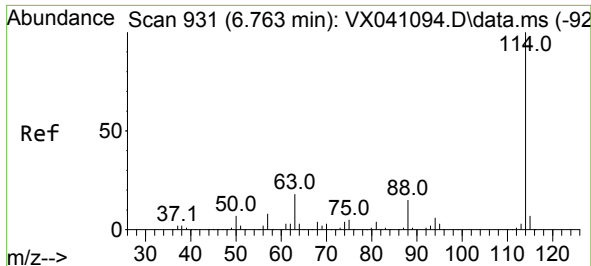
Tgt Ion: 56 Resp: 1016
Ion Ratio Lower Upper
56 100
69 2.5 23.4 35.2#
84 63.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.787 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 65 Resp: 101523
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

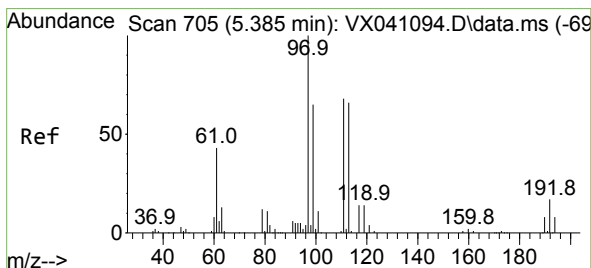
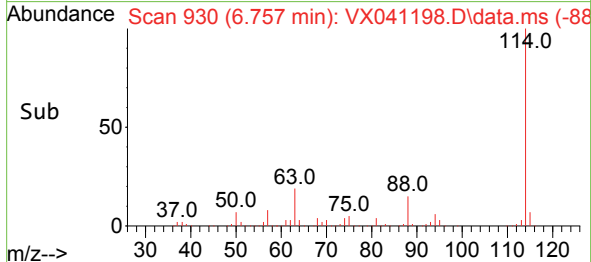
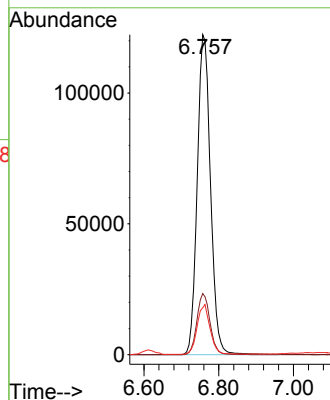
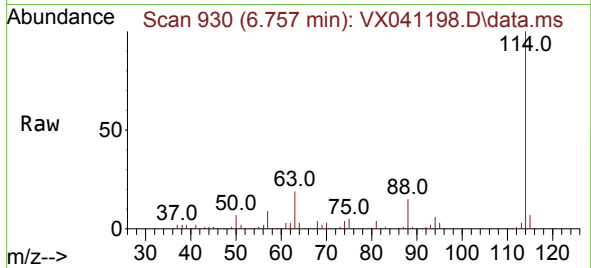




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

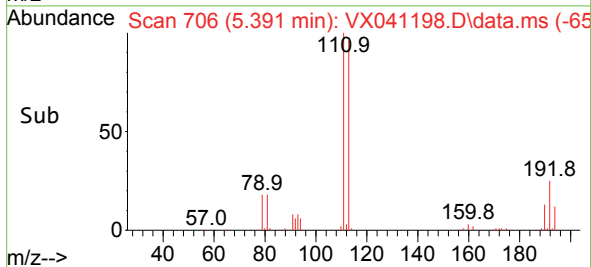
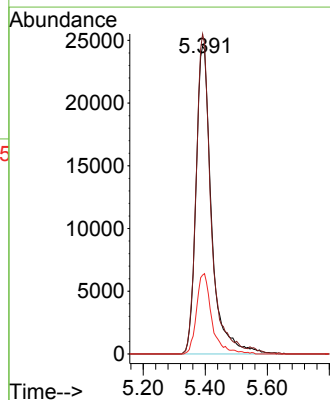
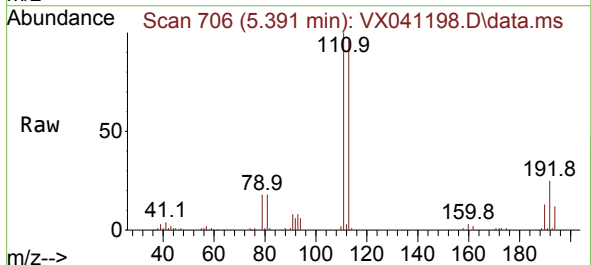
Instrument :
MSVOA_X
ClientSampleId :
SILICA

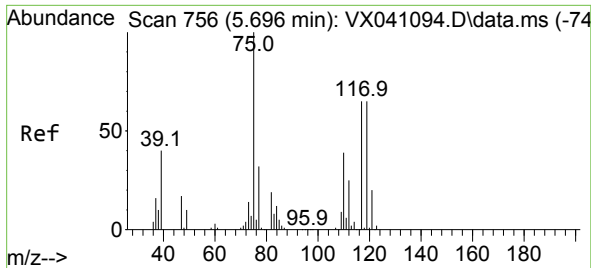
Tgt Ion:114 Resp: 300923
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.592 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion:113 Resp: 85285
Ion Ratio Lower Upper
113 100
111 99.3 82.9 124.3
192 25.8 13.3 19.9#

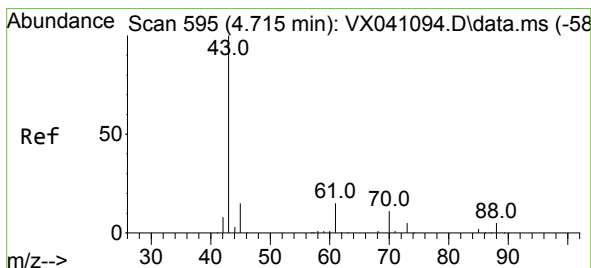
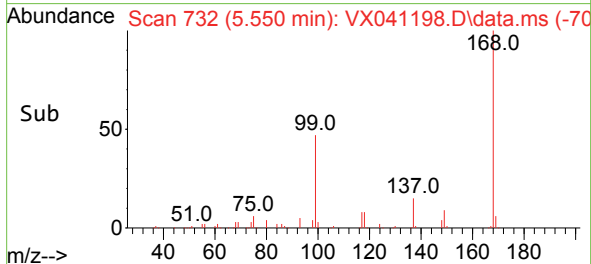
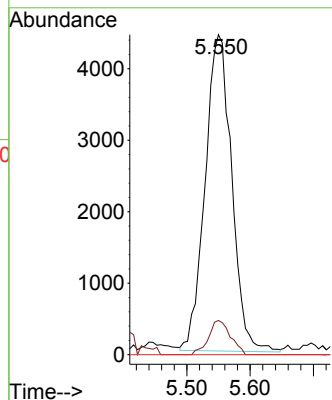
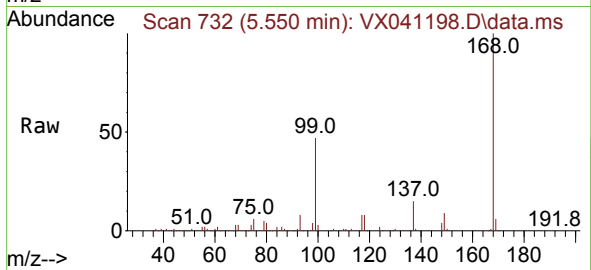




#36
1,1-Dichloropropene
Concen: 5.516 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

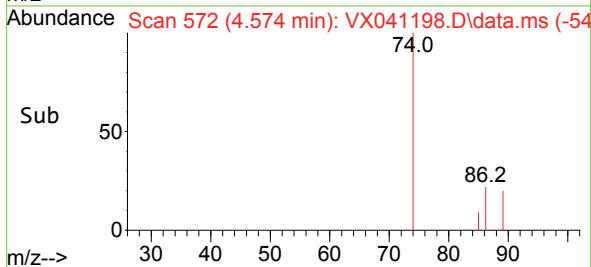
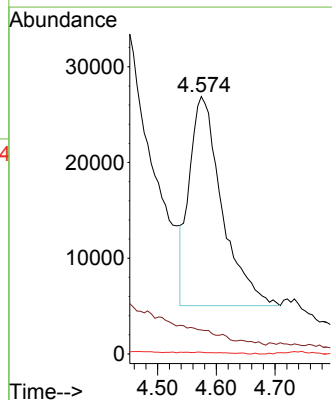
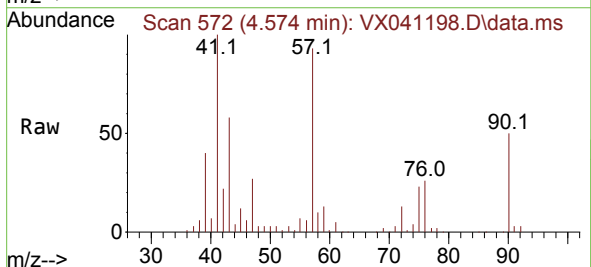
Instrument :
MSVOA_X
ClientSampleId :
SILICA

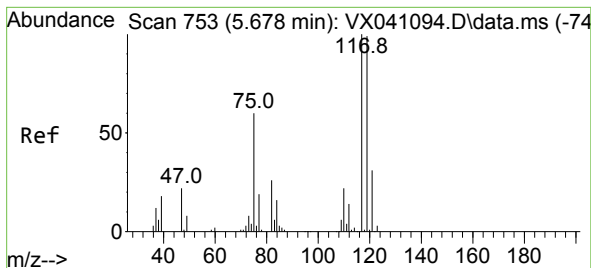
Tgt Ion: 75 Resp: 12920
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 32.760 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.146 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 43 Resp: 84182
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.748 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

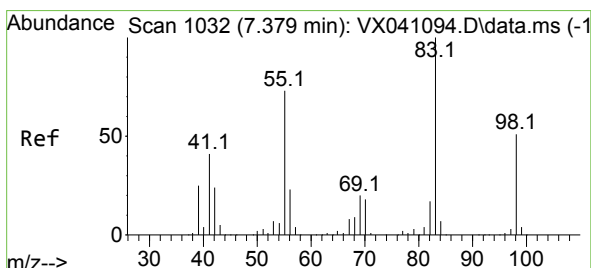
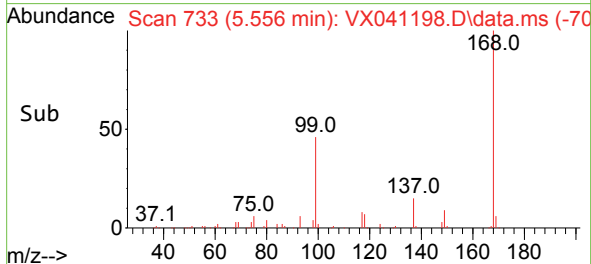
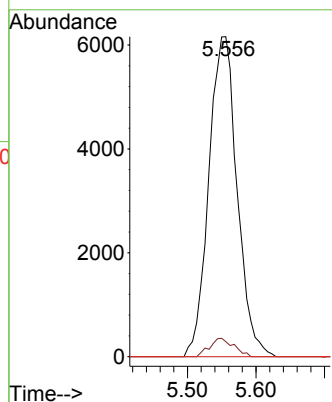
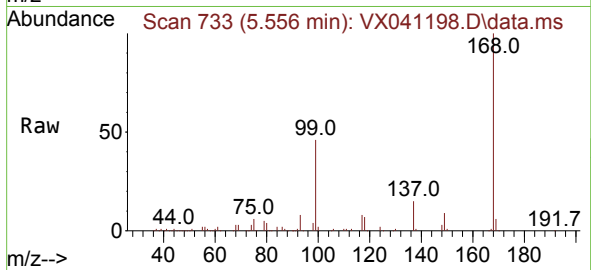
Tgt Ion:117 Resp: 17652

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.477 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

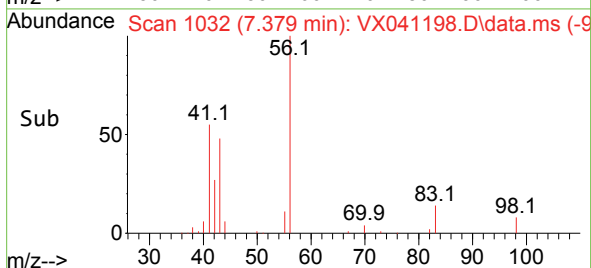
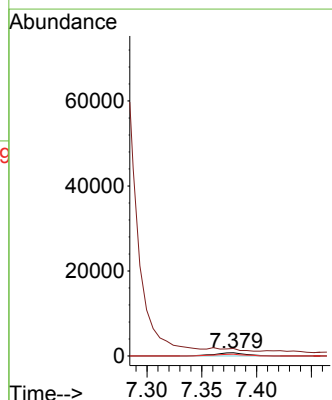
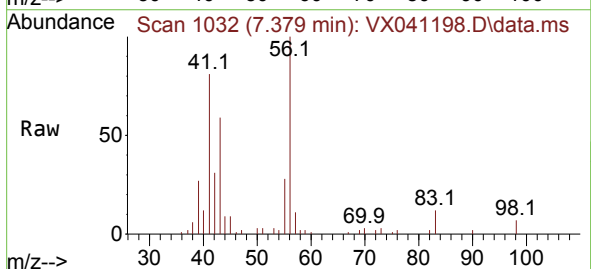
Tgt Ion: 83 Resp: 1482

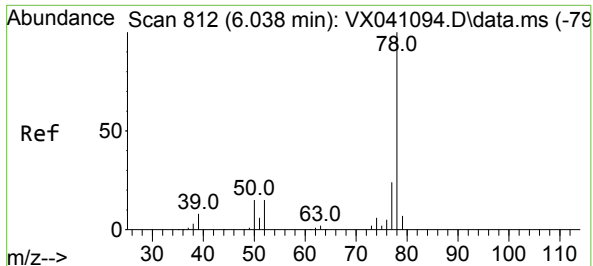
Ion Ratio Lower Upper

83 100

55 69.8 64.6 97.0

98 57.8 36.7 55.1#

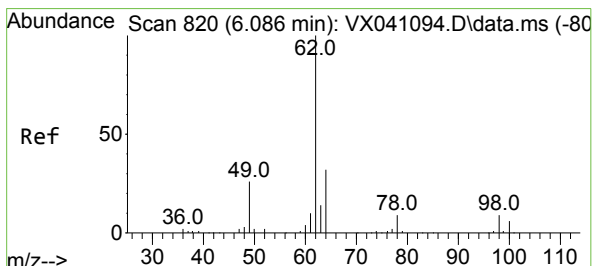
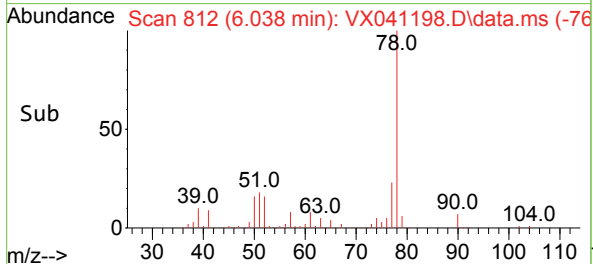
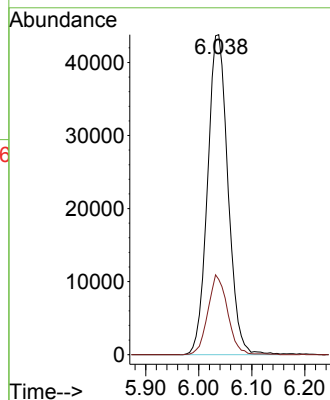
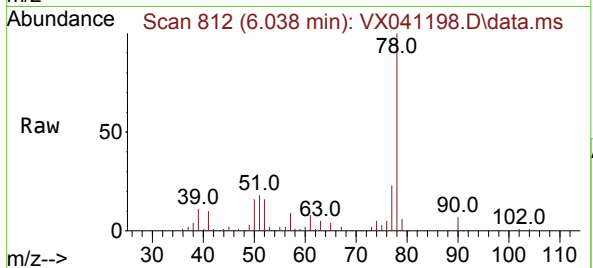




#40
Benzene
Concen: 16.173 ug/l
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

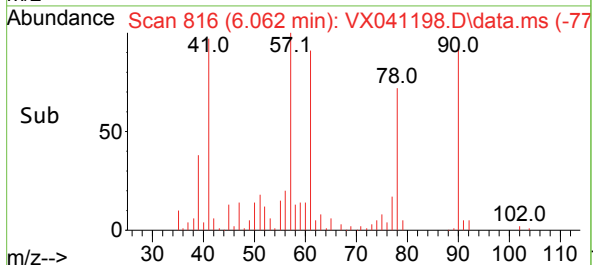
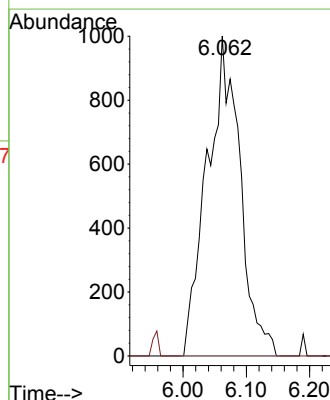
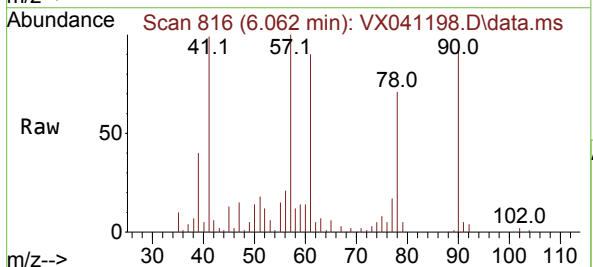
Instrument :
MSVOA_X
ClientSampleId :
SILICA

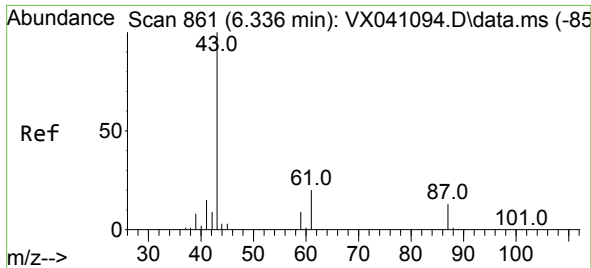
Tgt Ion: 78 Resp: 116989
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



#42
1,2-Dichloroethane
Concen: 1.439 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.024 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 62 Resp: 3609
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 27.134 ug/l

RT: 6.348 min Scan# 8

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

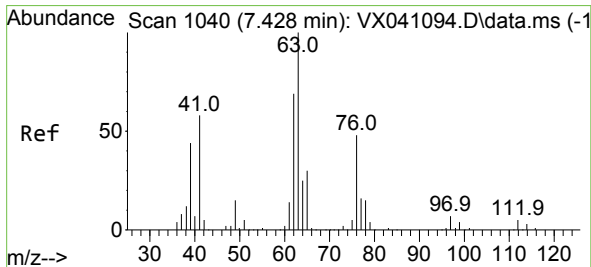
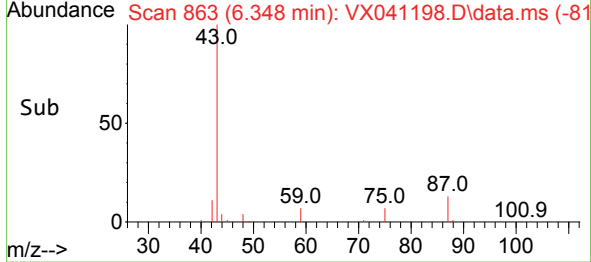
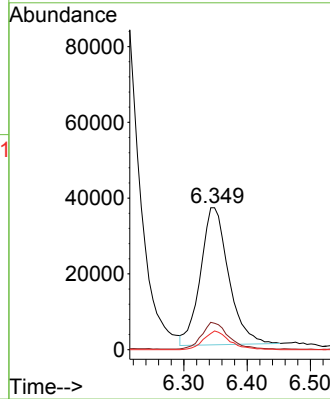
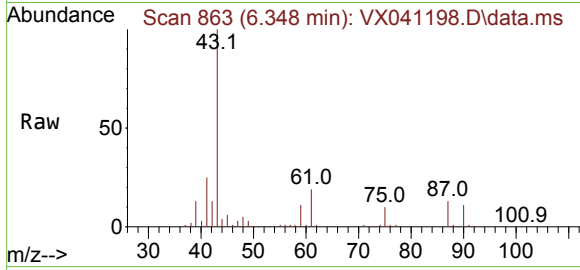
Tgt Ion: 43 Resp: 112320

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

87 12.6 9.8 14.6



#45

1,2-Dichloropropane

Concen: 0.359 ug/l

RT: 7.531 min Scan# 1057

Delta R.T. 0.104 min

Lab File: VX041198.D

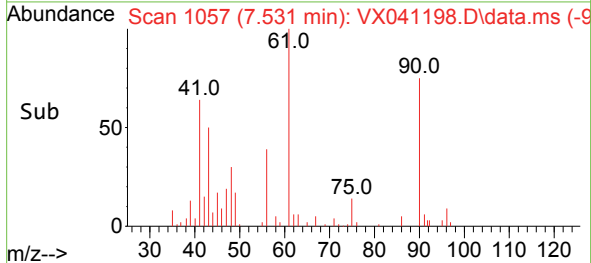
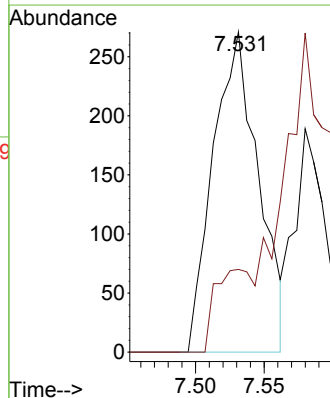
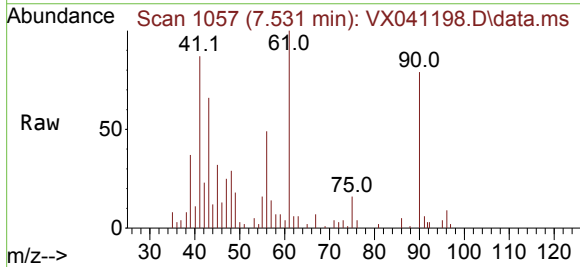
Acq: 22 Apr 2024 18:29

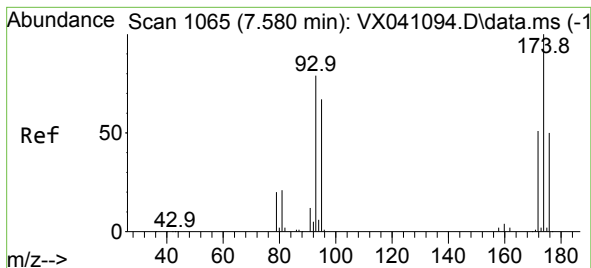
Tgt Ion: 63 Resp: 622

Ion Ratio Lower Upper

63 100

65 25.8 24.3 36.5





#46

Dibromomethane

Concen: 0.271 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. 0.024 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

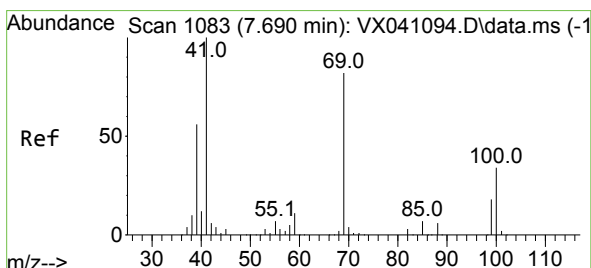
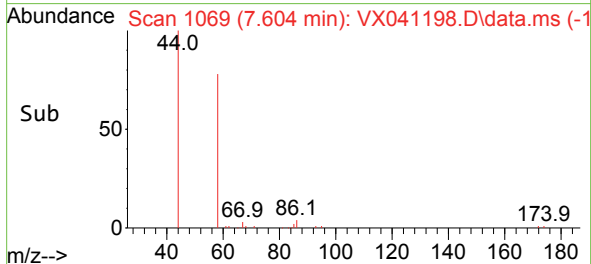
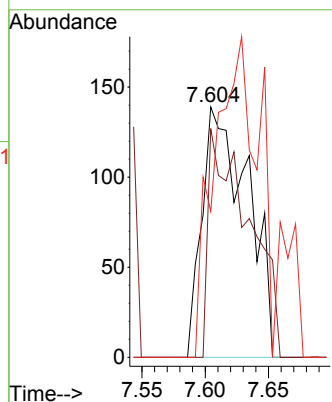
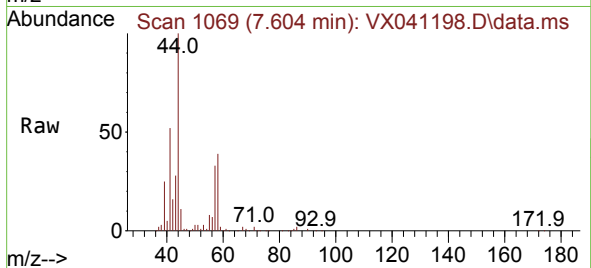
Tgt Ion: 93 Resp: 350

Ion Ratio Lower Upper

93 100

95 80.6 66.6 100.0

174 0.0 69.4 104.0#



#48

Methyl methacrylate

Concen: 94.365 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

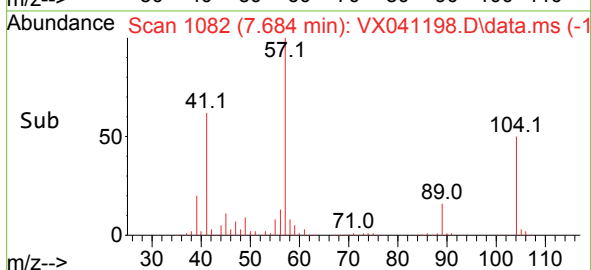
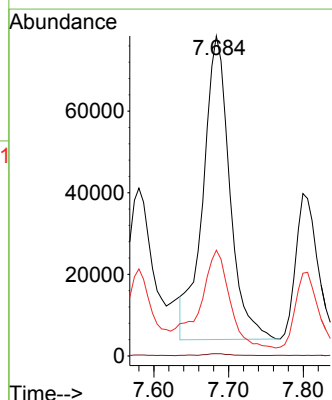
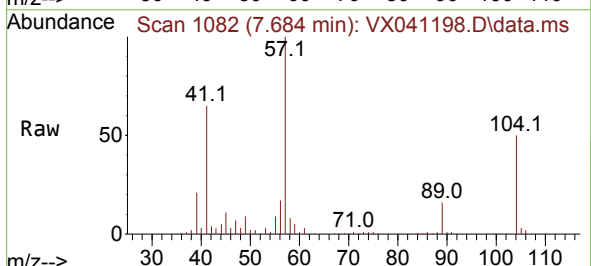
Tgt Ion: 41 Resp: 184757

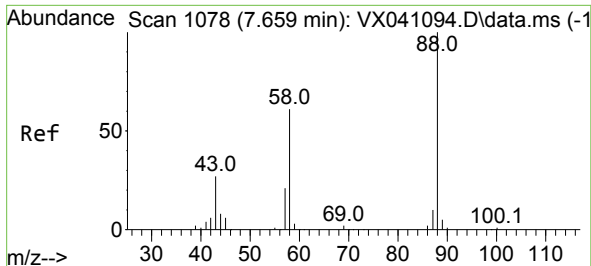
Ion Ratio Lower Upper

41 100

69 0.7 59.2 88.8#

39 36.2 47.7 71.5#

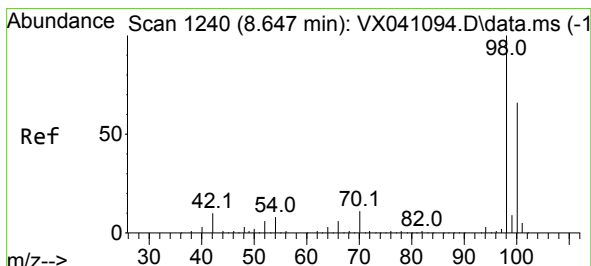
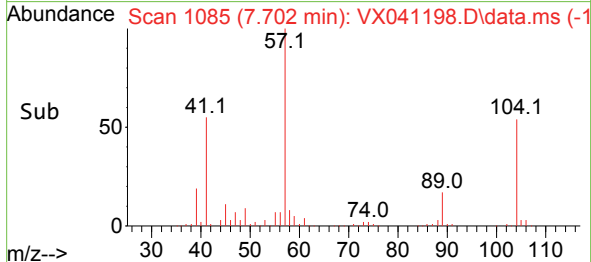
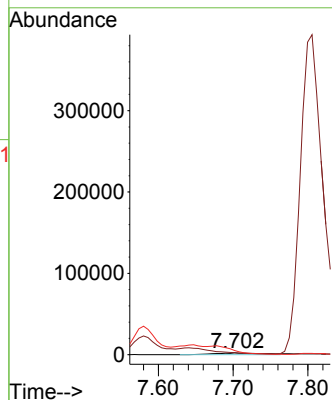
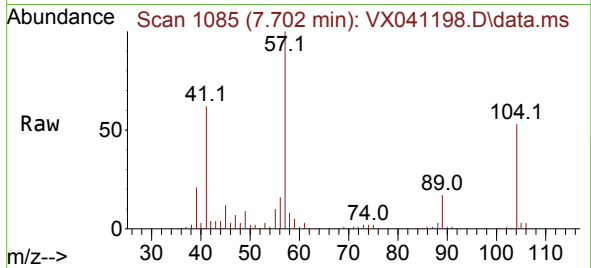




#49
1,4-Dioxane
Concen: 226.429 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.024 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

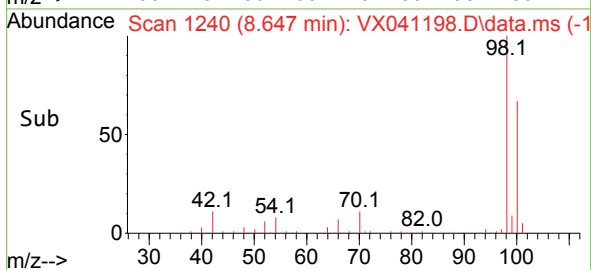
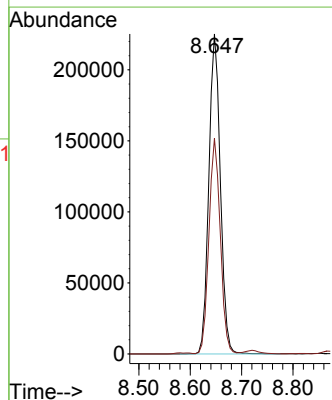
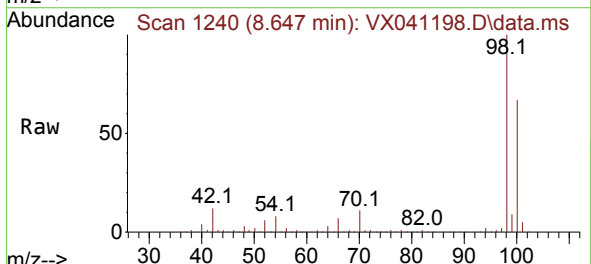
Instrument :
MSVOA_X
ClientSampleId :
SILICA

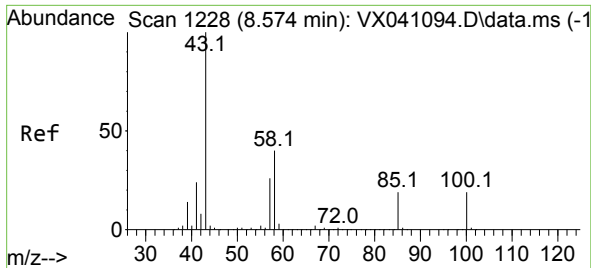
Tgt Ion: 88 Resp: 9542
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 56.612 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 98 Resp: 349625
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

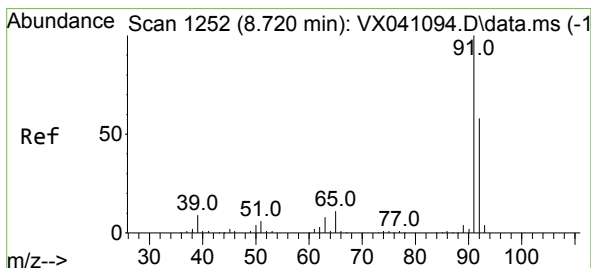
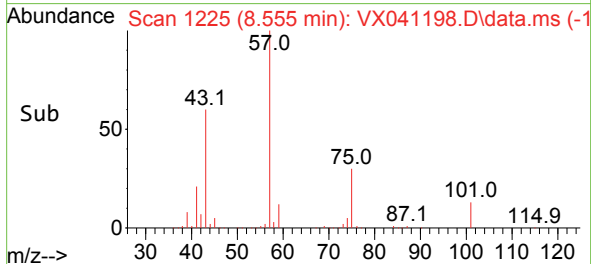
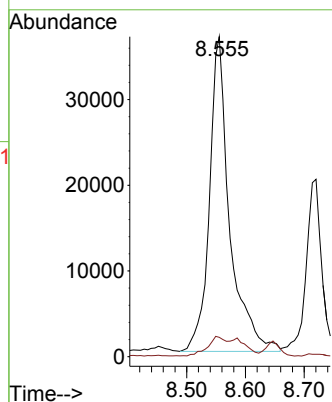
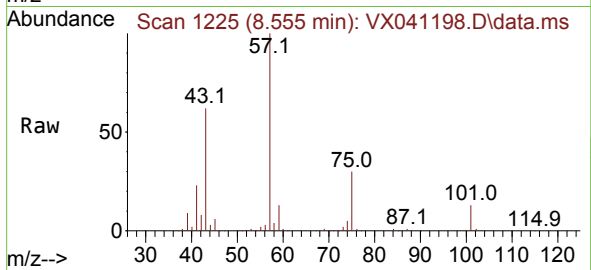




#51
4-Methyl-2-Pentanone
Concen: 33.887 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

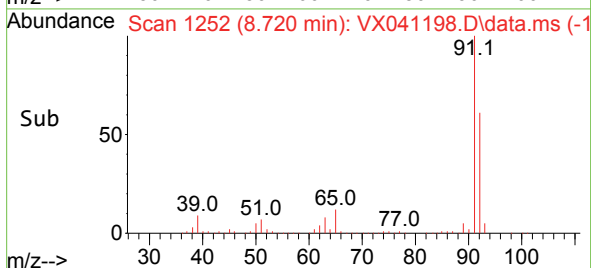
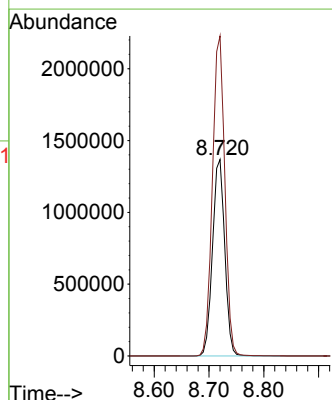
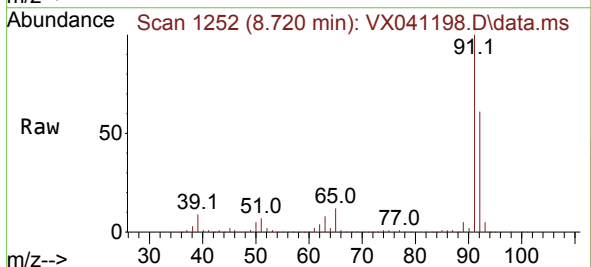
Instrument :
MSVOA_X
ClientSampleId :
SILICA

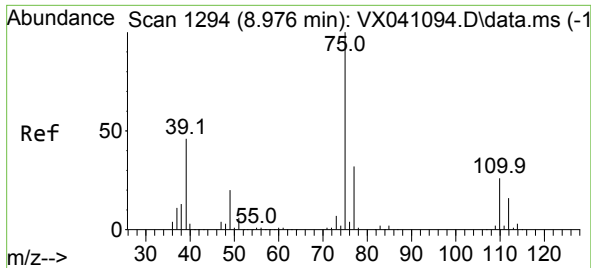
Tgt Ion: 43 Resp: 87802
Ion Ratio Lower Upper
43 100
58 5.4 30.4 45.6#



#52
Toluene
Concen: 463.179 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 92 Resp: 2111110
Ion Ratio Lower Upper
92 100
91 164.8 134.2 201.2

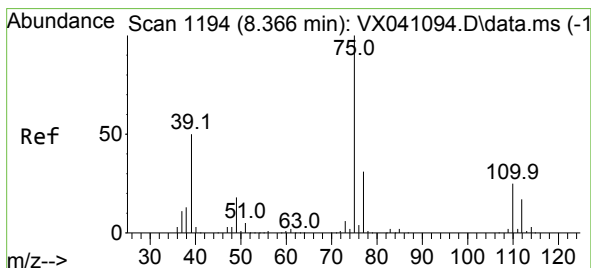
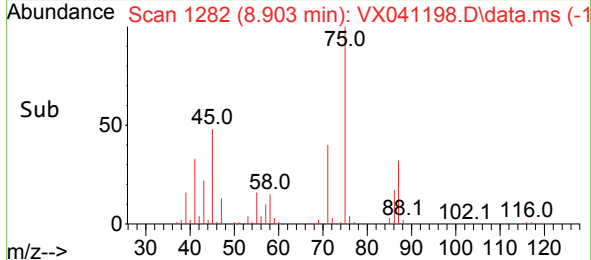
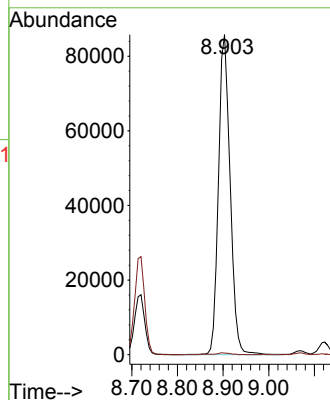
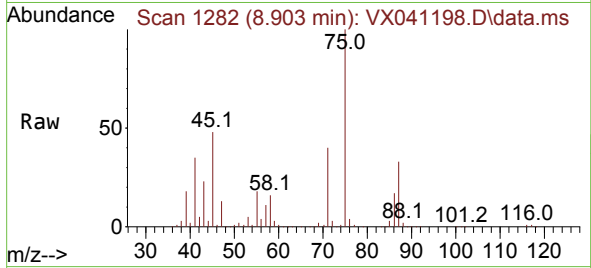




#53
 t-1,3-Dichloropropene
 Concen: 64.800 ug/l
 RT: 8.903 min Scan# 1189
 Delta R.T. -0.073 min
 Lab File: VX041198.D
 Acq: 22 Apr 2024 18:29

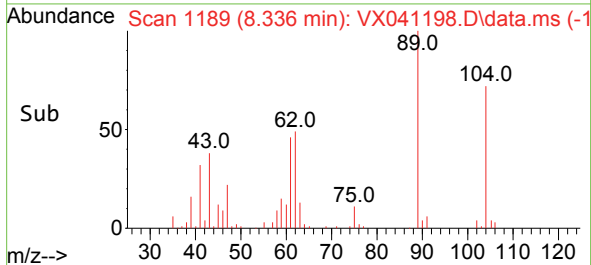
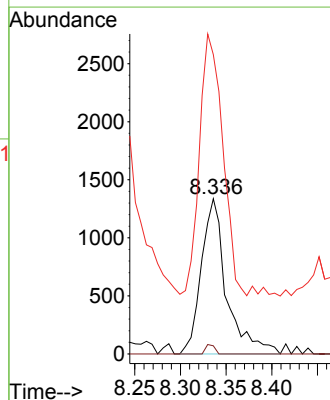
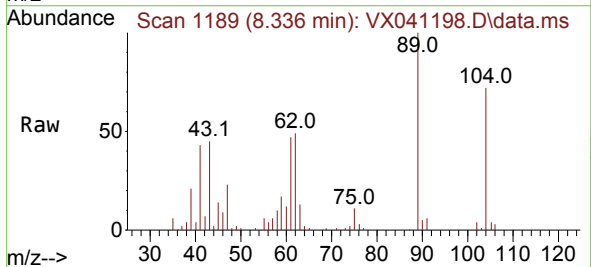
Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA

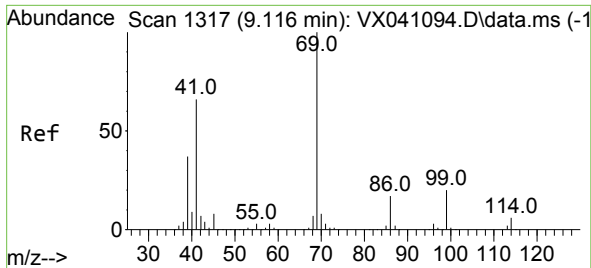
Tgt Ion: 75 Resp: 151517
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.966 ug/l
 RT: 8.336 min Scan# 1189
 Delta R.T. -0.030 min
 Lab File: VX041198.D
 Acq: 22 Apr 2024 18:29

Tgt Ion: 75 Resp: 2567
 Ion Ratio Lower Upper
 75 100
 77 5.2 25.3 37.9#
 39 155.7 46.7 70.1#

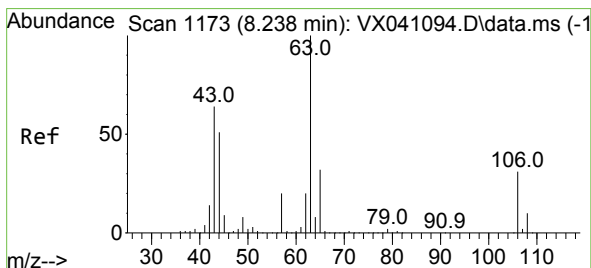
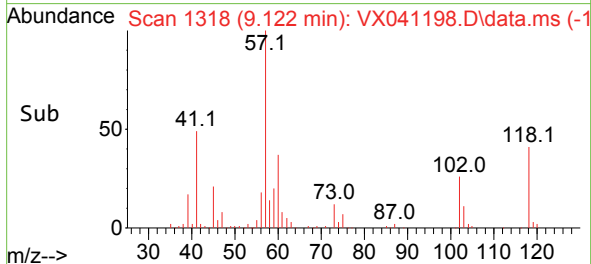
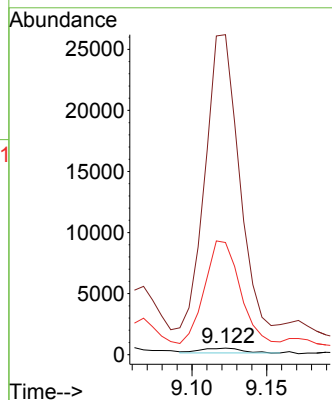
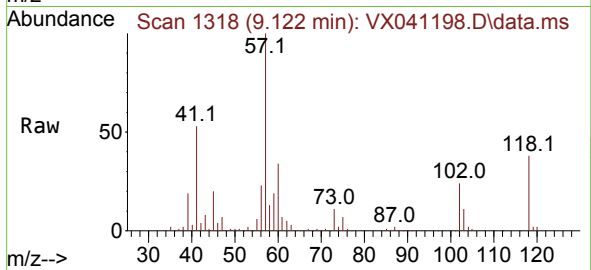




#56
Ethyl methacrylate
Concen: 0.280 ug/l
RT: 9.122 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

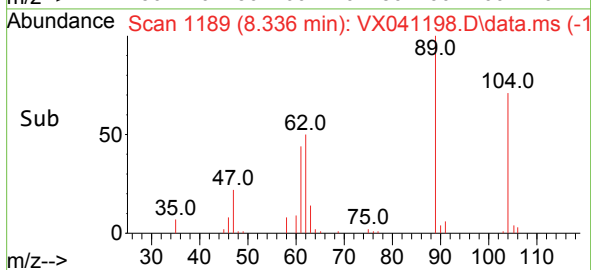
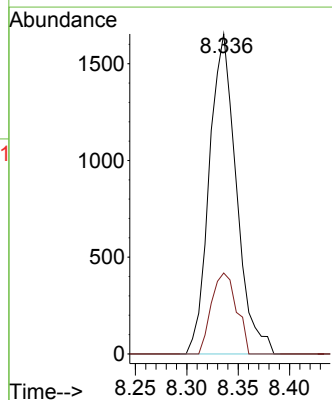
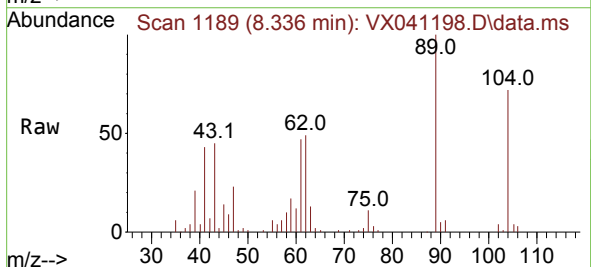
Instrument :
MSVOA_X
ClientSampleId :
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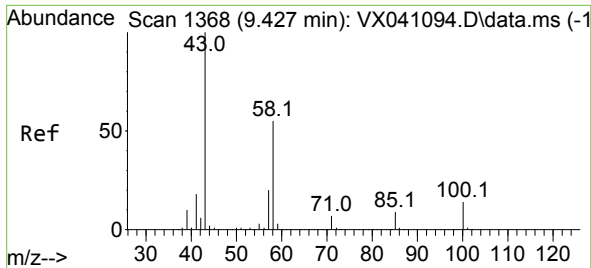
Tgt Ion: 69 Resp: 761
Ion Ratio Lower Upper
69 100
41 4955.6 56.8 85.2#
39 1808.1 32.0 48.0#



#58
2-Chloroethyl Vinyl ether
Concen: 2.291 ug/l
RT: 8.336 min Scan# 1189
Delta R.T. 0.091 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 63 Resp: 3032
Ion Ratio Lower Upper
63 100
106 23.4 22.5 33.7

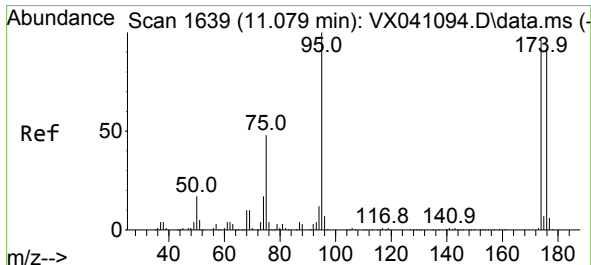
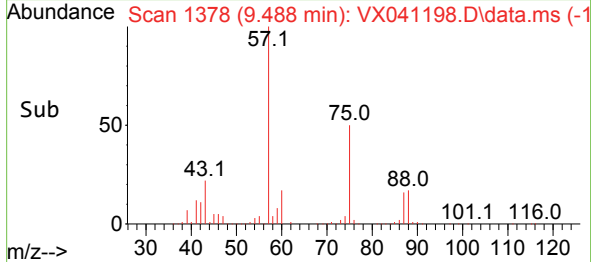
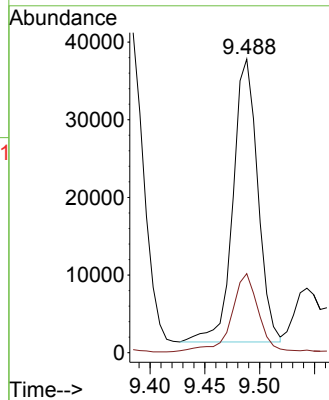
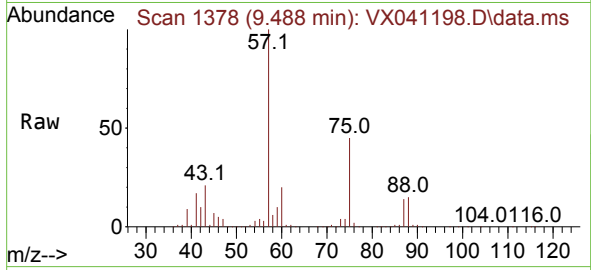




#59
2-Hexanone
Concen: 28.787 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

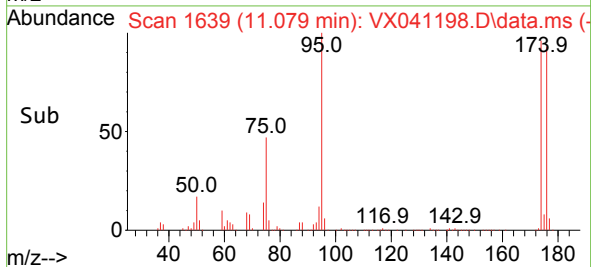
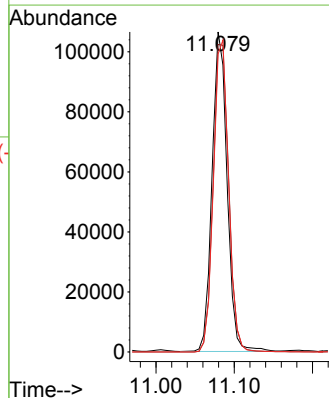
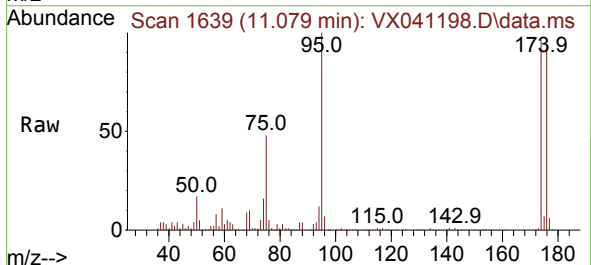
Instrument :
MSVOA_X
ClientSampleId :
SILICA

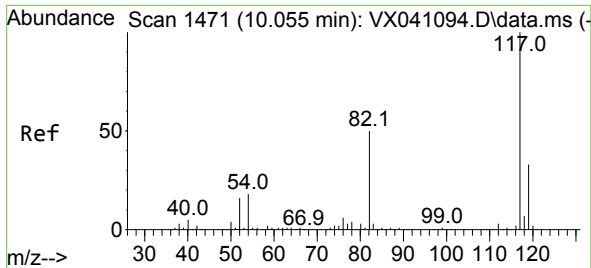
Tgt Ion: 43 Resp: 57196
Ion Ratio Lower Upper
43 100
58 30.3 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 62.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 95 Resp: 141511
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 98.4 0.0 131.0

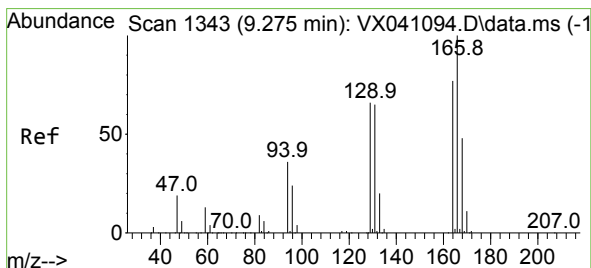
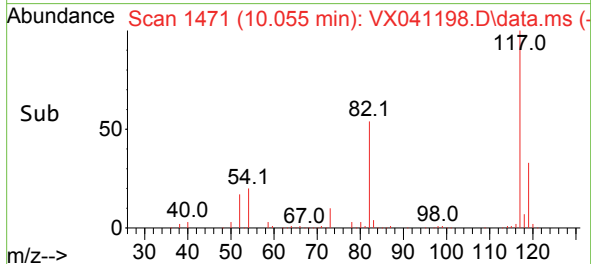
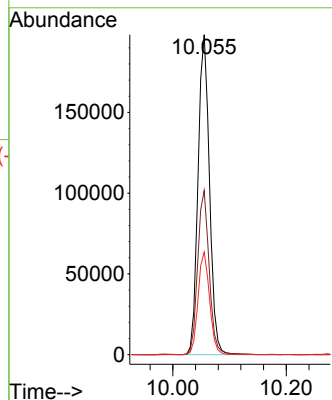
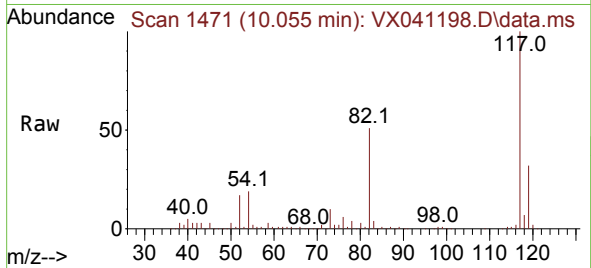




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

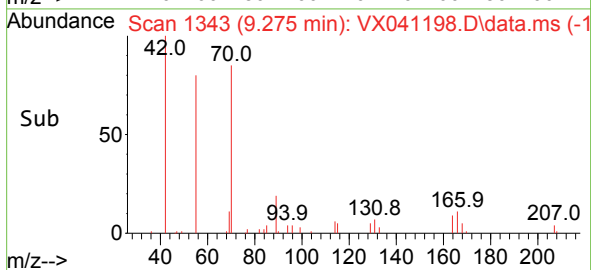
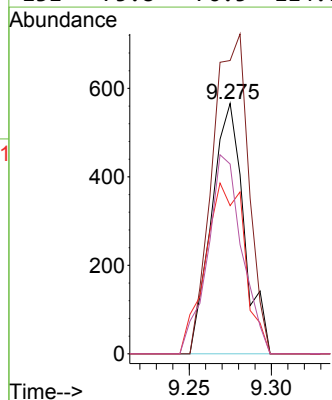
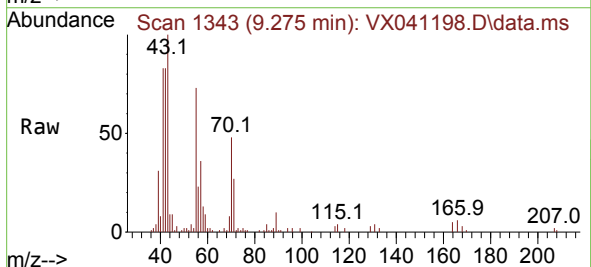
Instrument :
MSVOA_X
ClientSampleId :
SILICA

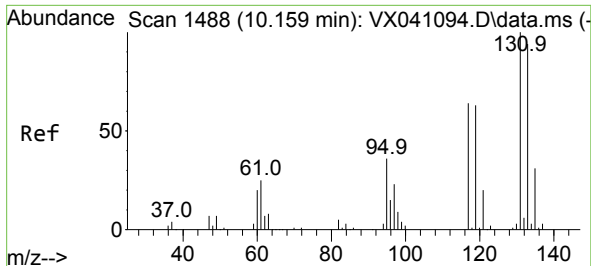
Tgt Ion:117 Resp: 277539
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.364 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion:164 Resp: 775
Ion Ratio Lower Upper
164 100
166 117.1 102.7 154.1
129 59.2 80.4 120.6#
131 75.8 76.5 114.7#

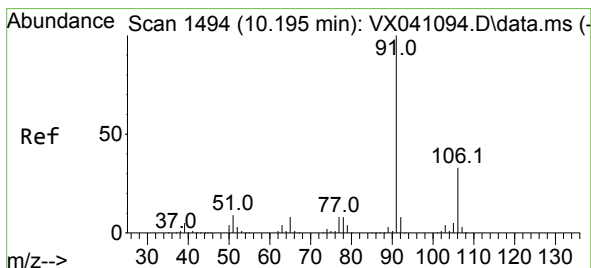
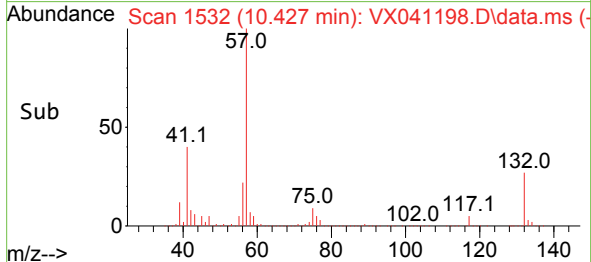
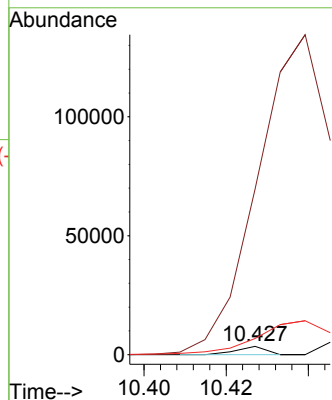
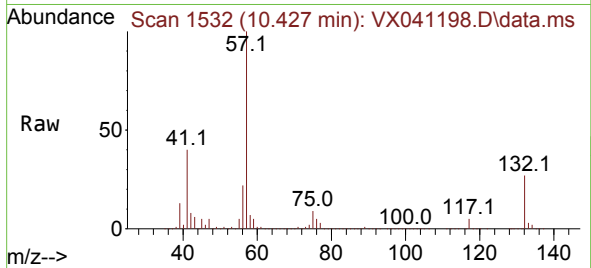




#66
1,1,1,2-Tetrachloroethane
Concen: 0.888 ug/l
RT: 10.427 min Scan# 11
Delta R.T. 0.262 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

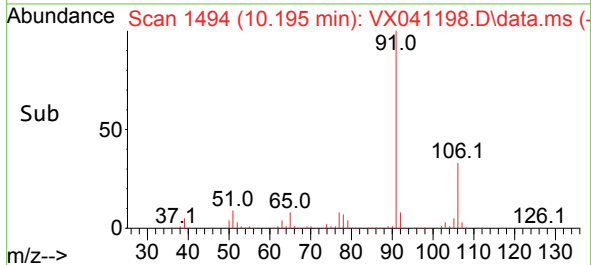
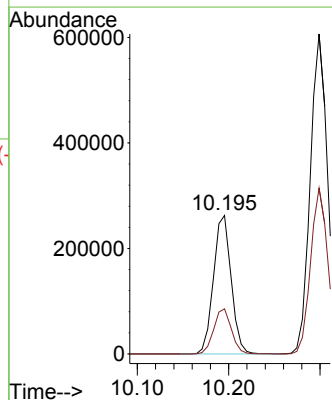
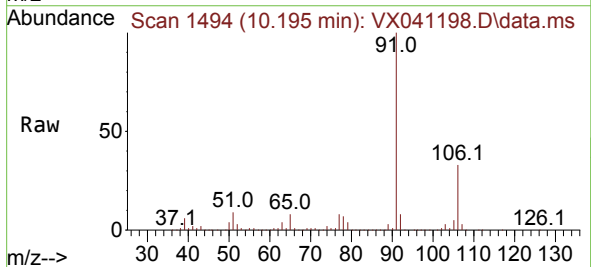
Instrument :
MSVOA_X
ClientSampleId :
SILICA

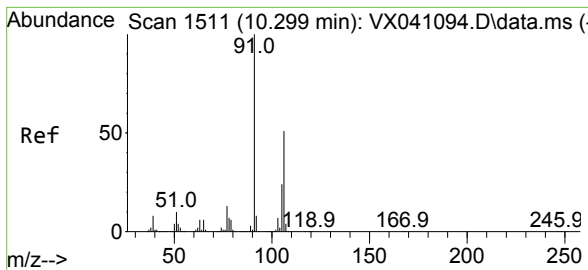
Tgt Ion:131 Resp: 1737
Ion Ratio Lower Upper
131 100
133 0.0 47.1 141.4#
119 0.0 32.2 96.6#



#67
Ethyl Benzene
Concen: 38.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 91 Resp: 353181
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

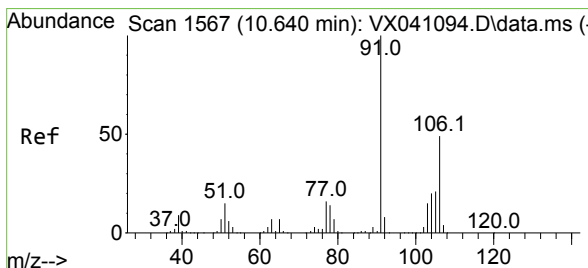
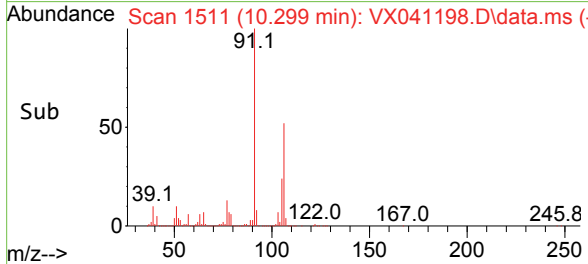
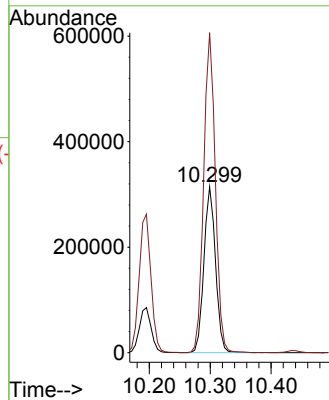
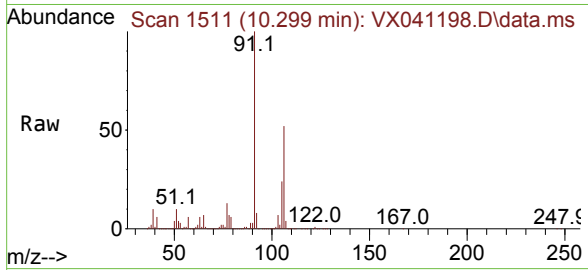




#68
m/p-Xylenes
Concen: 113.172 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

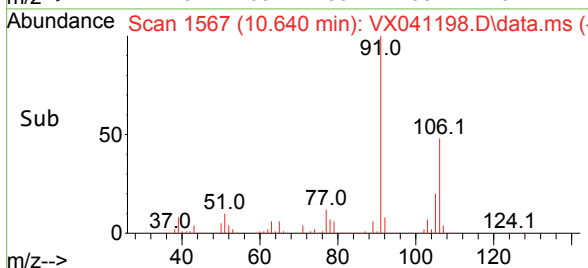
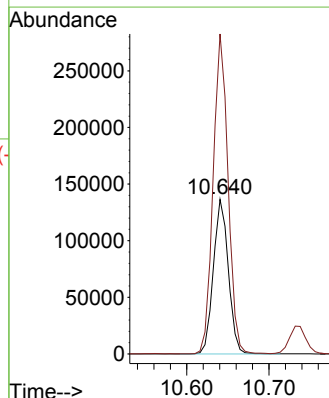
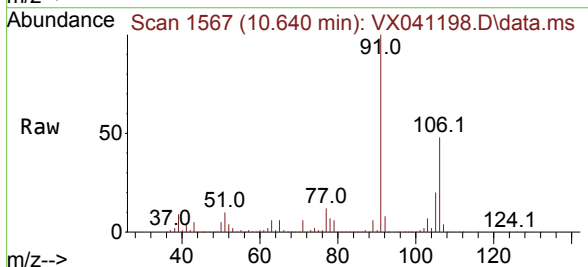
Instrument :
MSVOA_X
ClientSampleId :
SILICA

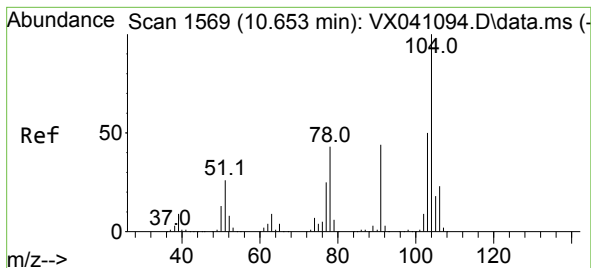
Tgt Ion:106 Resp: 416442
Ion Ratio Lower Upper
106 100
91 193.6 165.5 248.3



#69
o-Xylene
Concen: 48.252 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion:106 Resp: 172688
Ion Ratio Lower Upper
106 100
91 205.7 108.9 326.8





#70

Styrene

Concen: 1.577 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

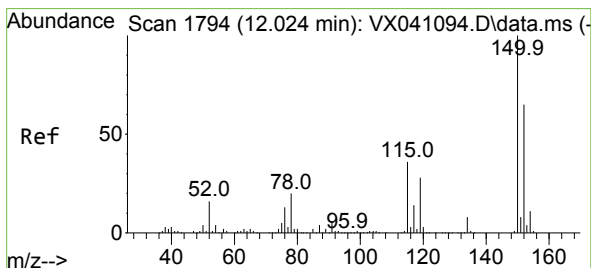
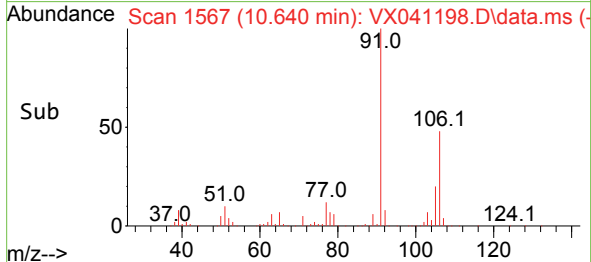
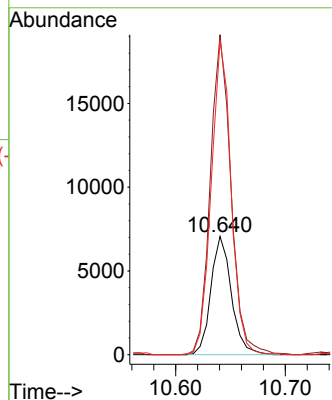
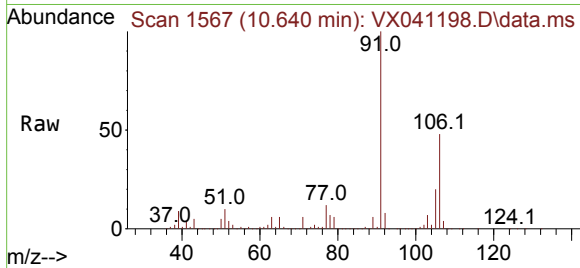
Tgt Ion:104 Resp: 9180

Ion Ratio Lower Upper

104 100

78 272.2 43.6 65.4#

103 256.9 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.030 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

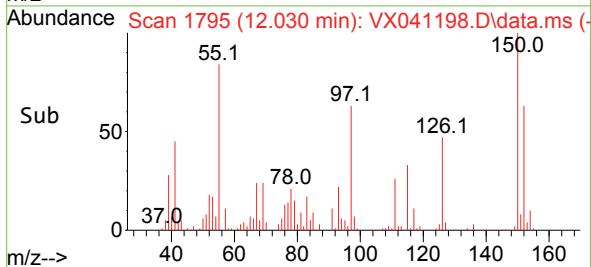
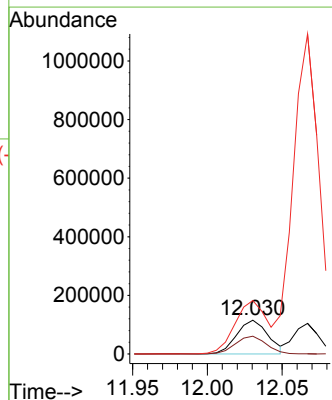
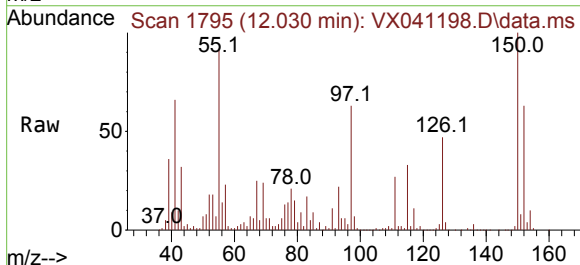
Tgt Ion:152 Resp: 168533

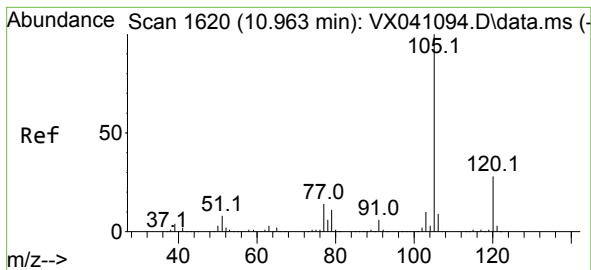
Ion Ratio Lower Upper

152 100

115 51.5 43.3 129.9

150 160.0 0.0 345.0





#73

Isopropylbenzene

Concen: 1.421 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

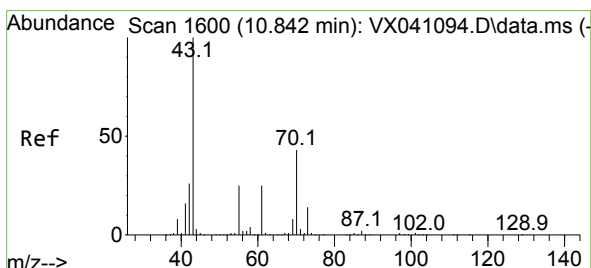
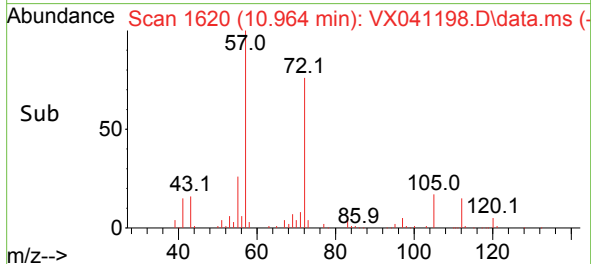
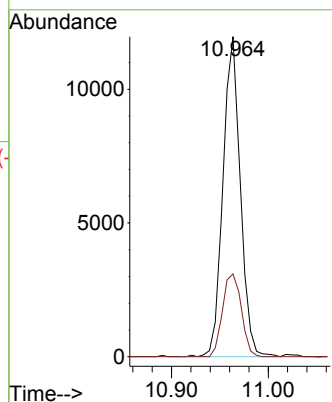
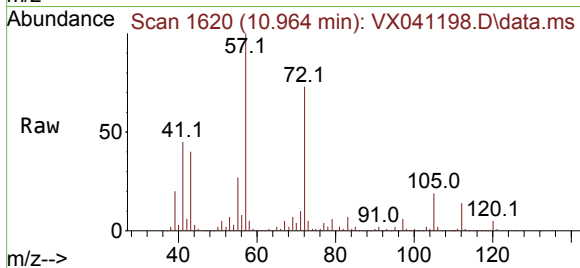
SILICA

Tgt Ion:105 Resp: 14901

Ion Ratio Lower Upper

105 100

120 27.9 12.9 38.6



#74

N-ethyl acetate

Concen: 4.055 ug/l

RT: 10.817 min Scan# 1596

Delta R.T. -0.024 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Tgt Ion: 43 Resp: 16712

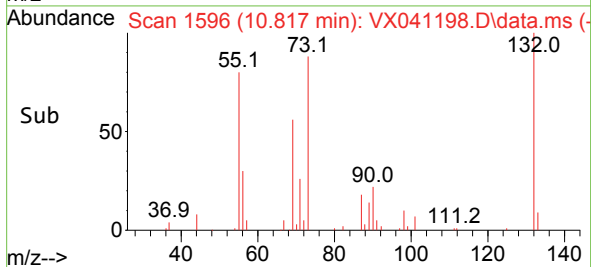
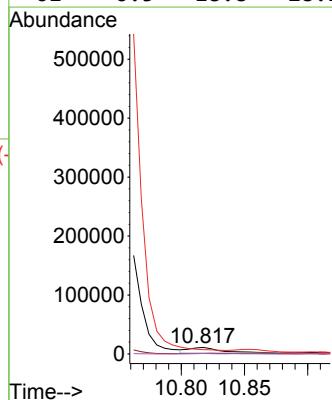
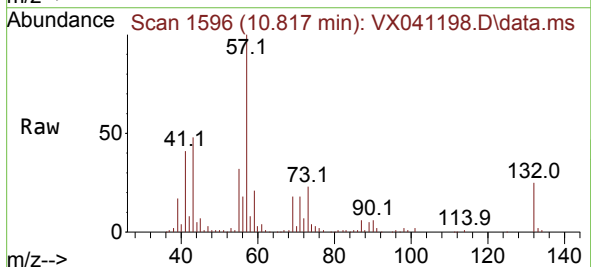
Ion Ratio Lower Upper

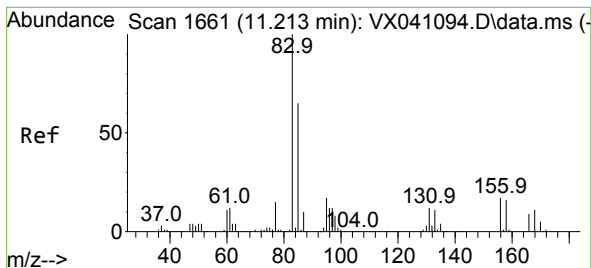
43 100

70 5.9 32.9 49.3#

55 0.0 19.3 28.9#

61 6.5 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 15.124 ug/l

RT: 11.281 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

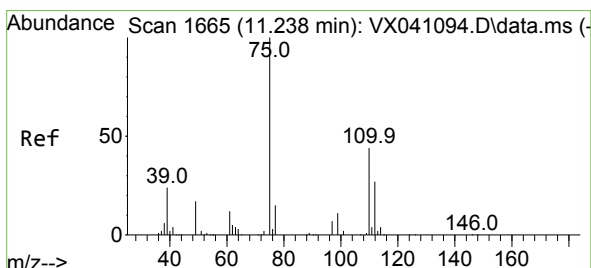
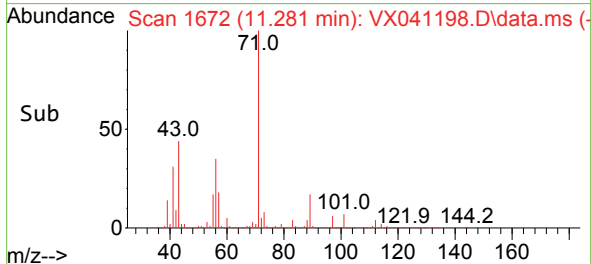
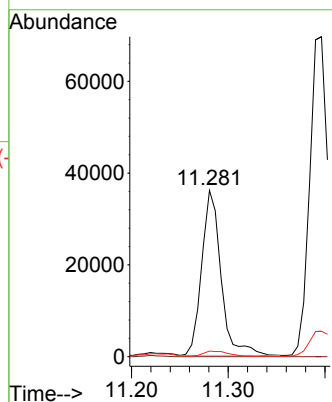
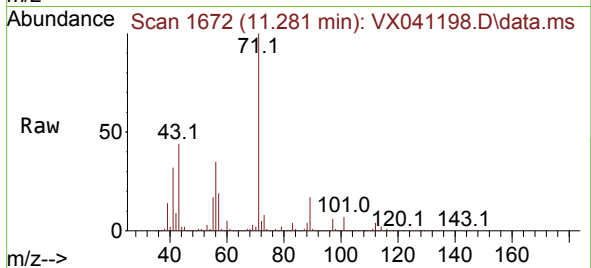
Tgt Ion: 83 Resp: 50014

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 1.478 ug/l

RT: 11.189 min Scan# 1657

Delta R.T. -0.049 min

Lab File: VX041198.D

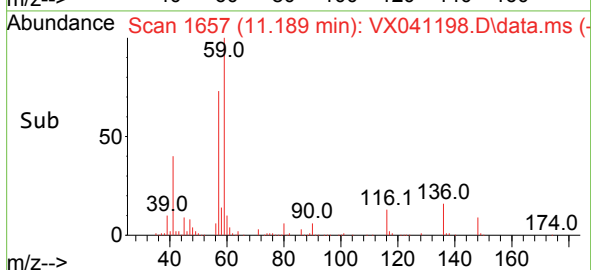
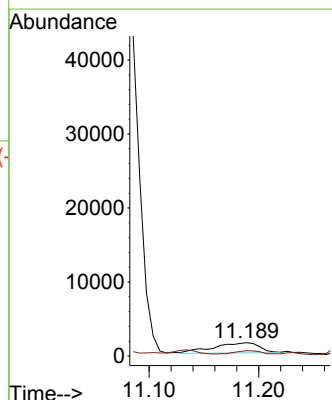
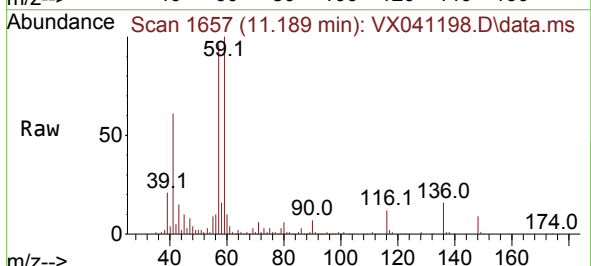
Acq: 22 Apr 2024 18:29

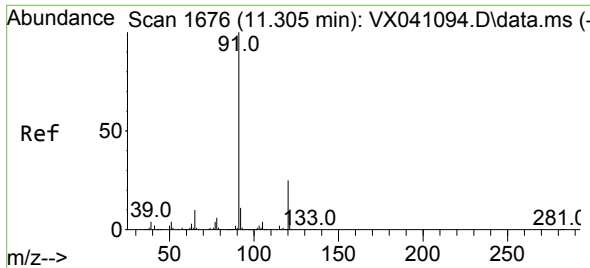
Tgt Ion: 75 Resp: 4014

Ion Ratio Lower Upper

75 100

77 0.0 19.1 57.5#

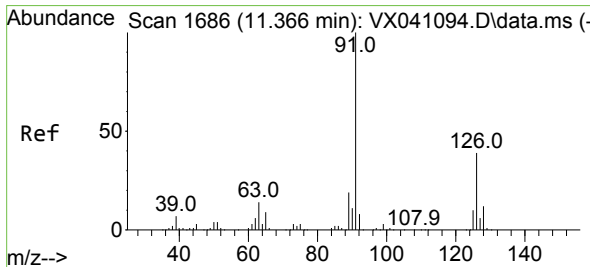
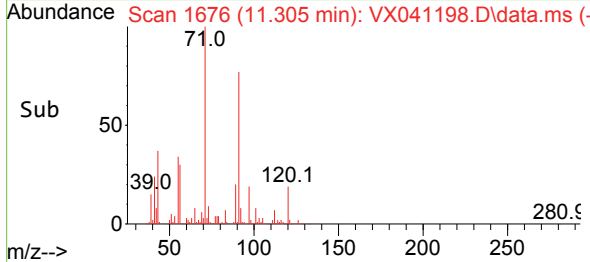
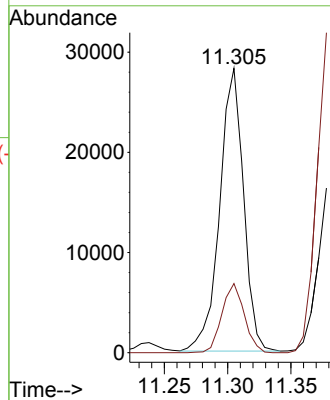
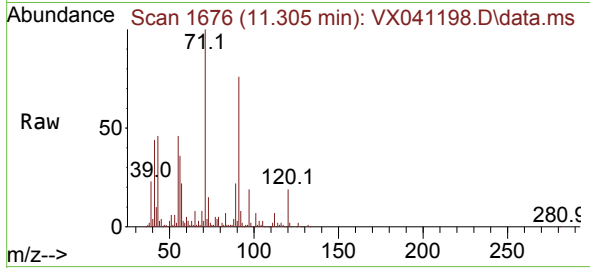




#78
n-propylbenzene
Concen: 3.259 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

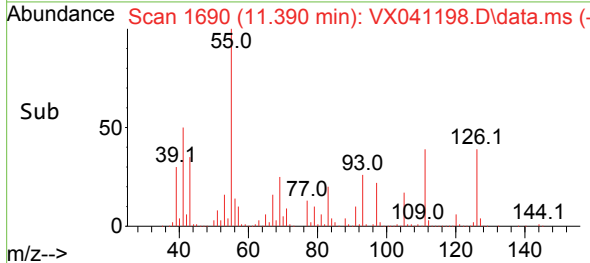
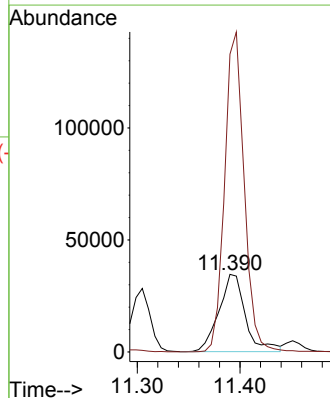
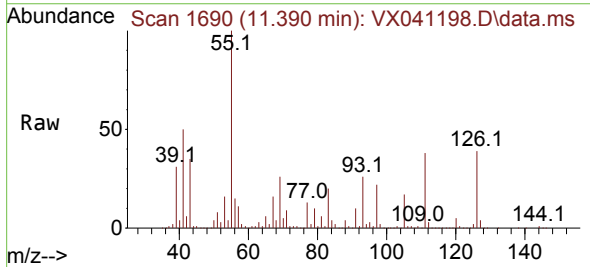
Instrument :
MSVOA_X
ClientSampleId :
SILICA

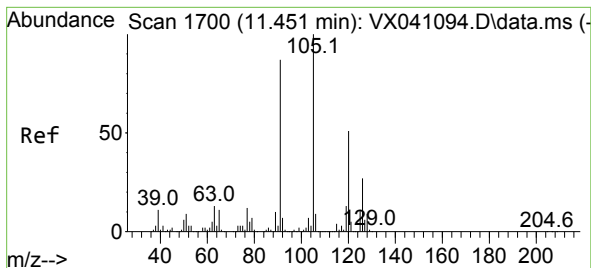
Tgt Ion: 91 Resp: 36902
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 8.625 ug/l
RT: 11.390 min Scan# 1690
Delta R.T. 0.024 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 91 Resp: 61801
Ion Ratio Lower Upper
91 100
126 305.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 6.039 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

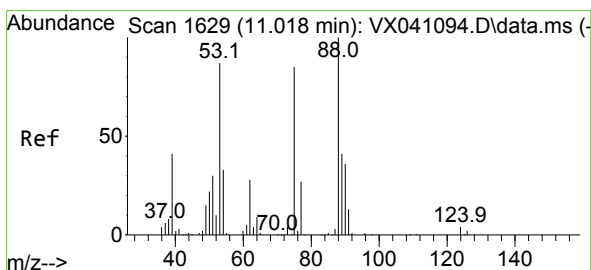
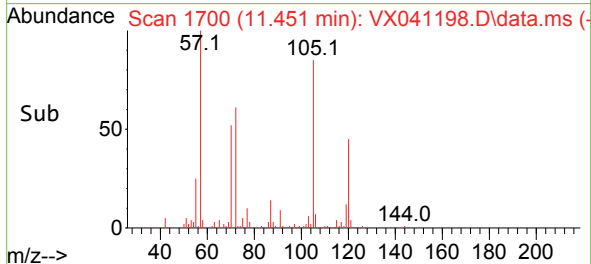
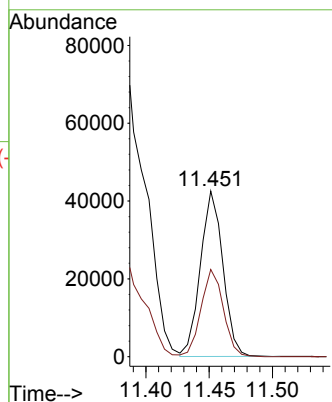
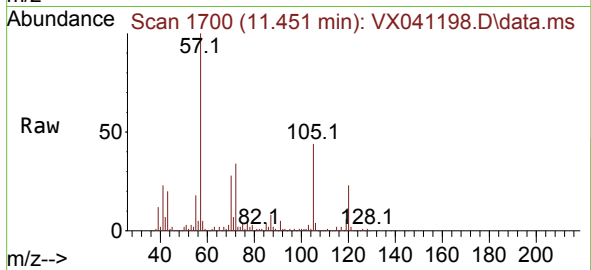
SILICA

Tgt Ion:105 Resp: 52681

Ion Ratio Lower Upper

105 100

120 52.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 8.405 ug/l

RT: 11.031 min Scan# 1631

Delta R.T. 0.013 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

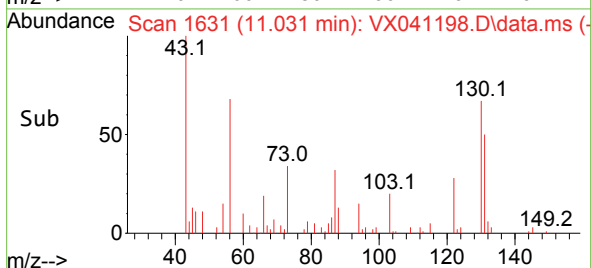
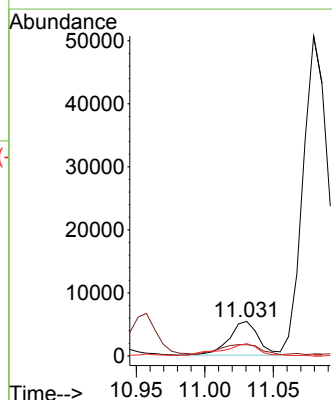
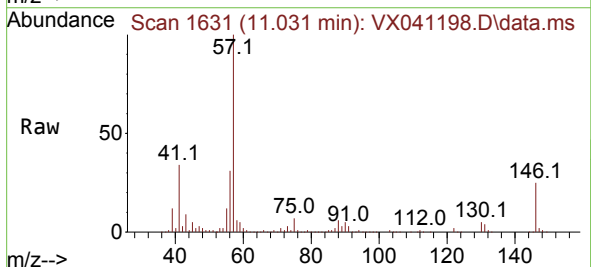
Tgt Ion: 75 Resp: 8089

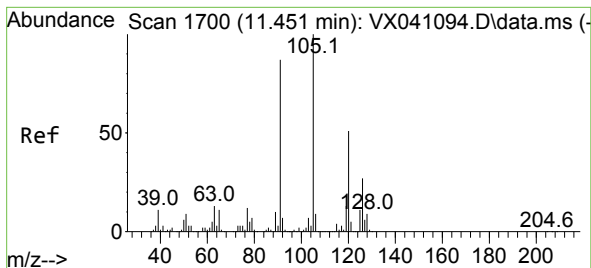
Ion Ratio Lower Upper

75 100

53 38.1 90.5 135.7#

89 0.0 36.9 55.3#

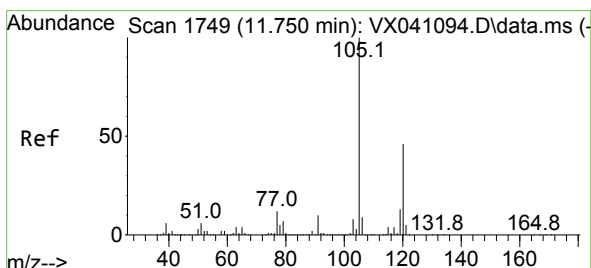
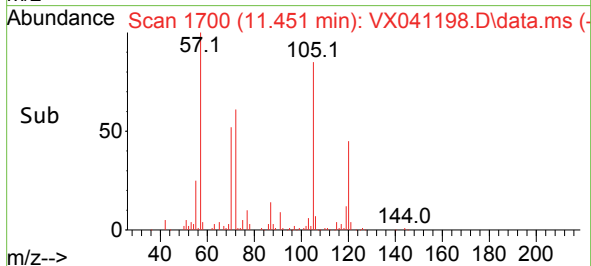
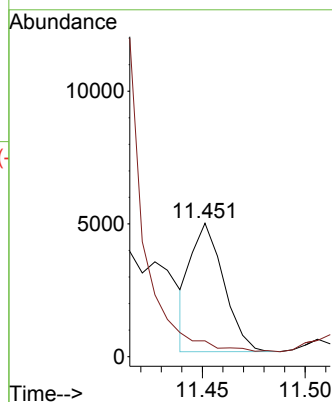
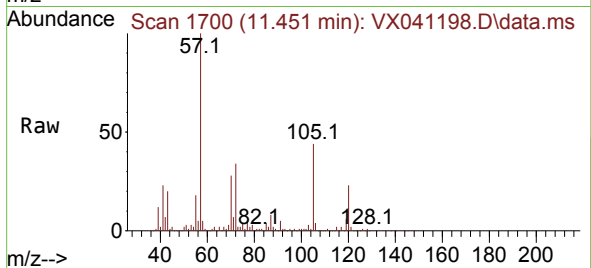




#82
4-Chlorotoluene
Concen: 0.659 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

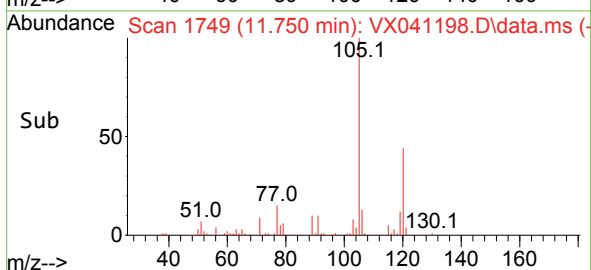
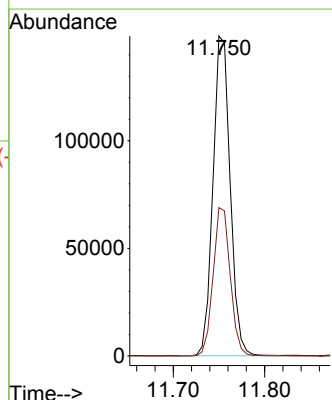
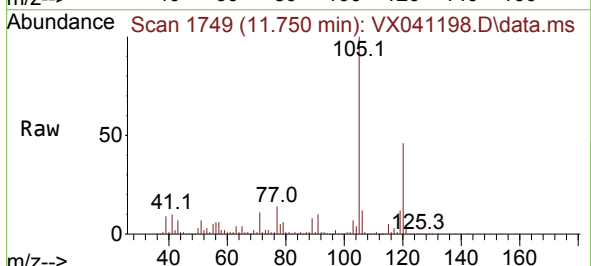
Instrument :
MSVOA_X
ClientSampleId :
SILICA

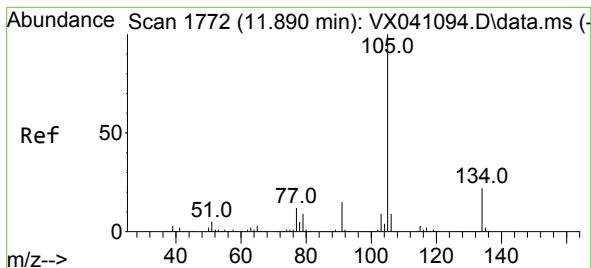
Tgt Ion: 91 Resp: 5348
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#84
1,2,4-Trimethylbenzene
Concen: 22.417 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 105 Resp: 194099
Ion Ratio Lower Upper
105 100
120 46.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 1.542 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

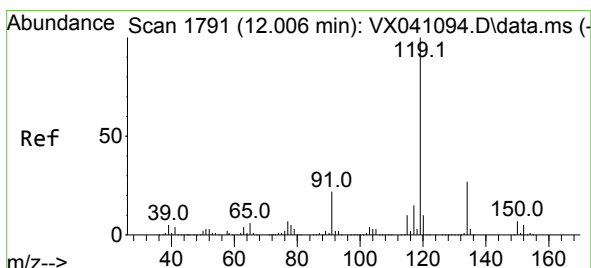
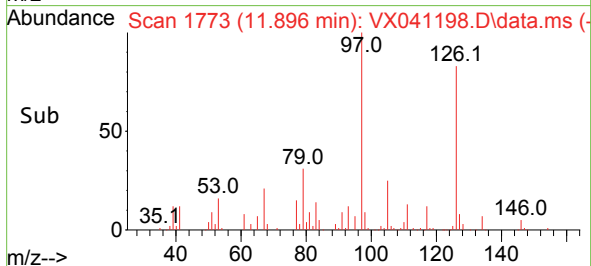
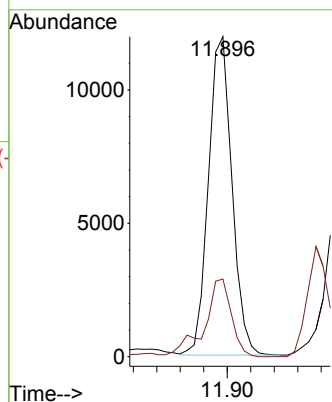
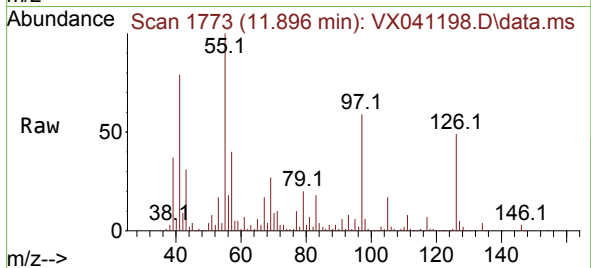
SILICA

Tgt Ion:105 Resp: 16636

Ion Ratio Lower Upper

105 100

134 28.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 1.294 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.012 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

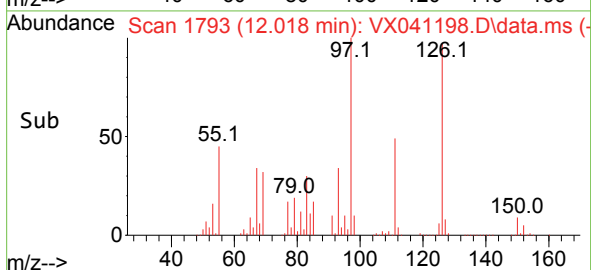
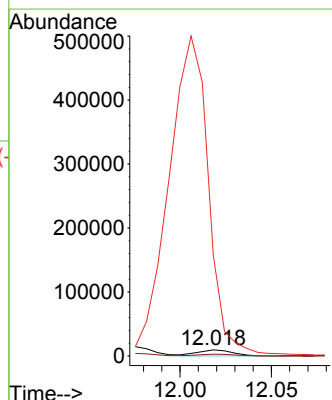
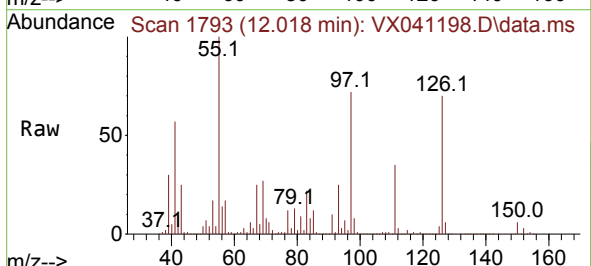
Tgt Ion:119 Resp: 12304

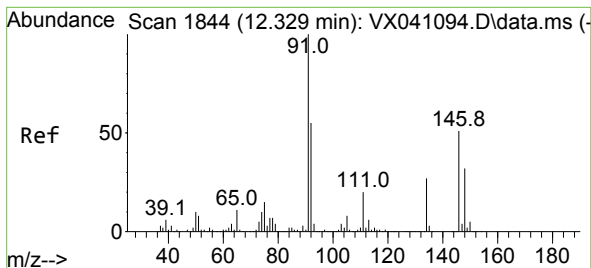
Ion Ratio Lower Upper

119 100

134 30.3 12.8 38.3

91 6194.5 13.1 39.3#





#89

n-Butylbenzene

Concen: 1.883 ug/l

RT: 12.421 min Scan# 1859

Delta R.T. 0.091 min

Lab File: VX041198.D

Acq: 22 Apr 2024 18:29

Instrument :

MSVOA_X

ClientSampleId :

SILICA

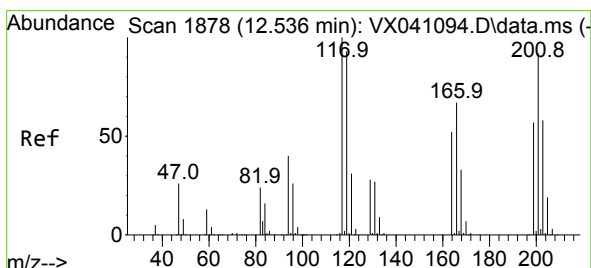
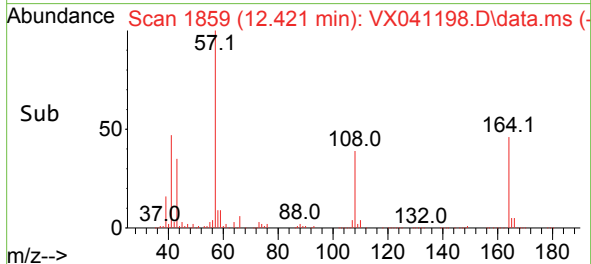
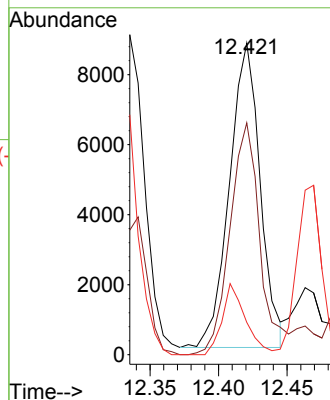
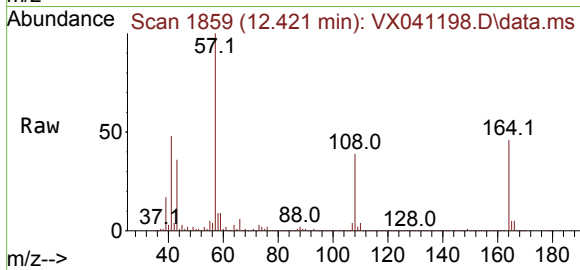
Tgt Ion: 91 Resp: 13595

Ion Ratio Lower Upper

91 100

92 74.6 27.4 82.0

134 17.7 12.6 37.8



#90

Hexachloroethane

Concen: 1.389 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX041198.D

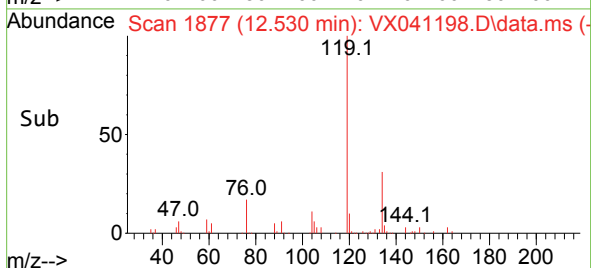
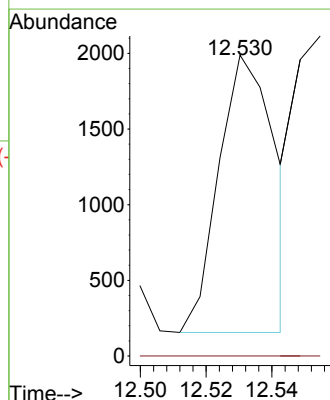
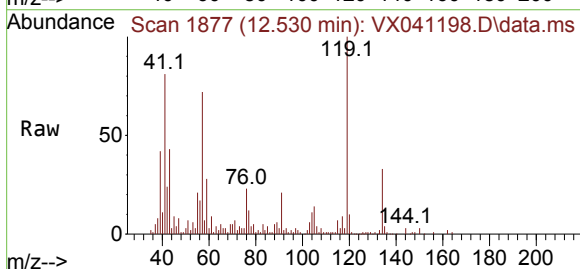
Acq: 22 Apr 2024 18:29

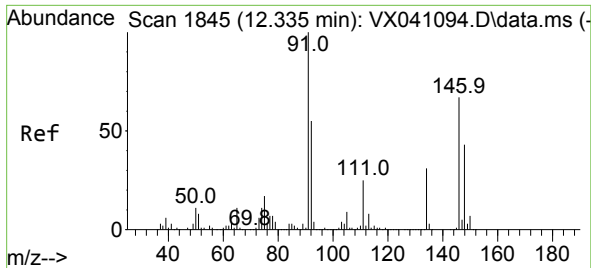
Tgt Ion: 117 Resp: 2178

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

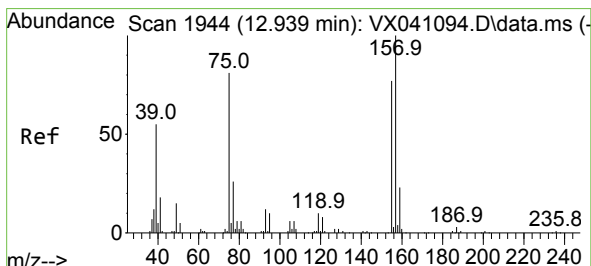
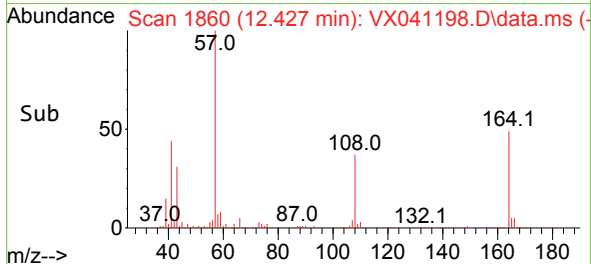
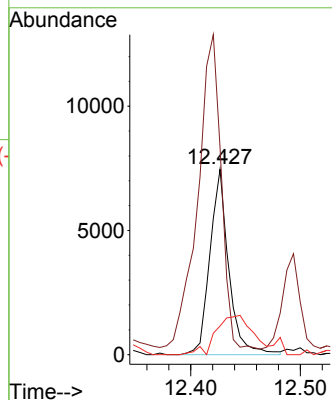
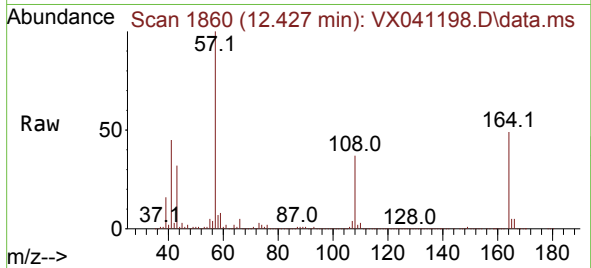




#91
1,2-Dichlorobenzene
Concen: 1.625 ug/l
RT: 12.427 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

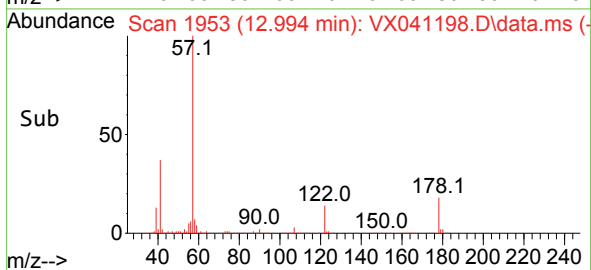
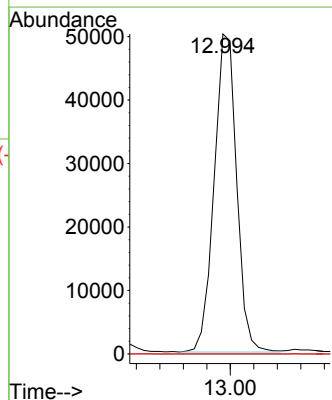
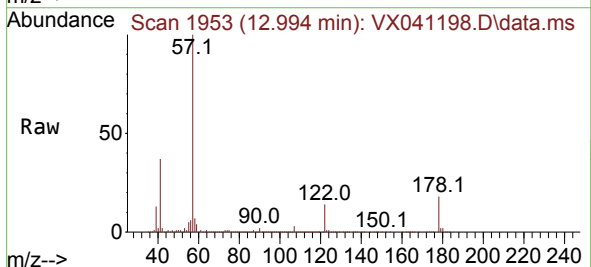
Instrument :
MSVOA_X
ClientSampleId :
SILICA

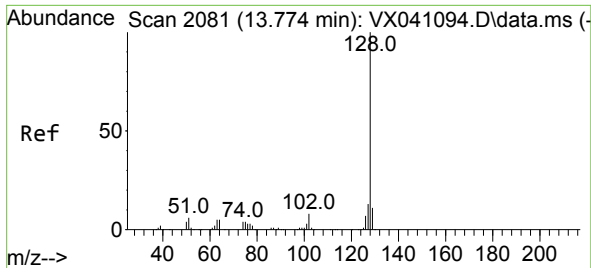
Tgt Ion:146 Resp: 8921
Ion Ratio Lower Upper
146 100
111 210.7 22.4 67.0#
148 0.0 31.6 95.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 96.100 ug/l
RT: 12.994 min Scan# 1953
Delta R.T. 0.055 min
Lab File: VX041198.D
Acq: 22 Apr 2024 18:29

Tgt Ion: 75 Resp: 66682
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#95
 Naphthalene
 Concen: 1.005 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX041198.D
 Acq: 22 Apr 2024 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 SILICA

Tgt Ion:	128	Resp:	10997
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.3	15.5
129	14.3	8.8	13.2#

