

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035039.D
 Acq On : 12 Apr 2023 12:16
 Operator : JC/MD
 Sample : 02288-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUND-WATER

Quant Time: Apr 13 02:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190902	45.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	147876	48.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	8.647	98	562224	49.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	213382	48.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.160%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	697	0.206	ug/l #	85
6) Chloroethane	1.691	64	468	0.212	ug/l #	83
8) Diethyl Ether	2.136	74	8084	4.213	ug/l #	1
11) Tert butyl alcohol	3.002	59	619	0.842	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1754	0.624	ug/l	97
13) Acrolein	2.246	56	375	0.496	ug/l #	67
14) Allyl chloride	2.611	41	3877	0.704	ug/l #	76
15) Acrylonitrile	3.087	53	430	0.260	ug/l #	63
16) Acetone	2.392	43	139859	82.212	ug/l	98
17) Carbon Disulfide	2.514	76	1967	0.279	ug/l #	95
18) Methyl Acetate	2.703	43	3539	0.585	ug/l #	77
20) Methylene Chloride	2.788	84	734	0.219	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	20616	3.448	ug/l	98
25) 2-Butanone	4.568	43	57436	23.210	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	52525	14.459	ug/l	92
29) Tetrahydrofuran	5.032	42	22102	14.257	ug/l #	58
32) 1,1,1-Trichloroethane	5.385	97	32972	6.362	ug/l	100
36) 1,1-Dichloropropene	5.550	75	22481	4.935	ug/l #	51
37) Ethyl Acetate	4.715	43	80121	16.820	ug/l	99
38) Carbon Tetrachloride	5.550	117	28022	6.524	ug/l #	15
41) Methacrylonitrile	5.050	41	113175	43.688	ug/l #	44
42) 1,2-Dichloroethane	6.093	62	1262	0.243	ug/l	85
44) Trichloroethene	7.129	130	41578	12.455	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	2776	0.589	ug/l	96
52) Toluene	8.720	92	14214	1.667	ug/l	97
55) 1,1,2-Trichloroethane	9.269	97	2290	0.710	ug/l #	8
59) 2-Hexanone	9.446	43	2063	0.578	ug/l	95
60) Dibromochloromethane	9.275	129	241796	78.656	ug/l #	10
64) Tetrachloroethene	9.275	164	242056	79.703	ug/l	96
67) Ethyl Benzene	10.195	91	3249	0.203	ug/l	92
68) m/p-Xylenes	10.299	106	51304	8.397	ug/l	98
69) o-Xylene	10.640	106	30740	5.136	ug/l	97
70) Styrene	10.640	104	2073	0.217	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110938	28.428	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	2667	0.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	110938	85.196	ug/l #	8

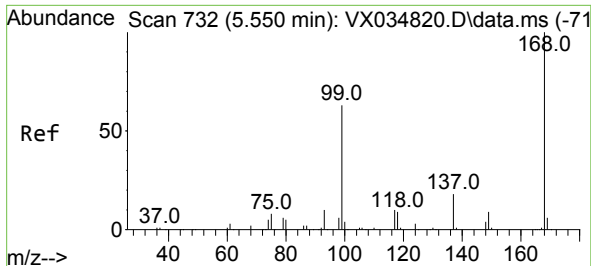
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
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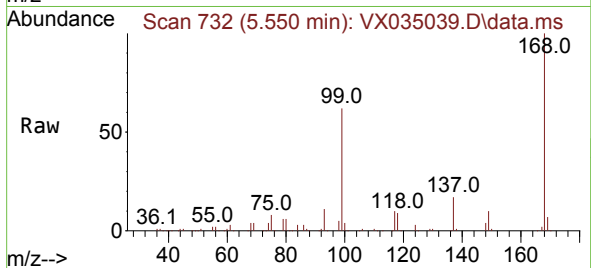
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.750	105	15801	1.310	ug/l	91
86) p-Isopropyltoluene	12.006	119	2364	0.209	ug/l #	70
89) n-Butylbenzene	12.335	91	3764	0.381	ug/l	95
90) Hexachloroethane	12.701	117	1050	0.600	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	1576	0.246	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	2025	0.558	ug/l	92
94) Hexachlorobutadiene	13.725	225	2072	1.299	ug/l	97
95) Naphthalene	13.780	128	4563	0.354	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	1915	0.524	ug/l	91

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

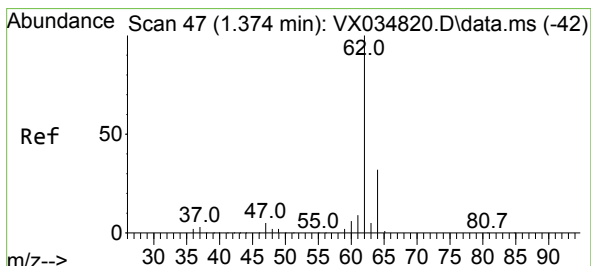
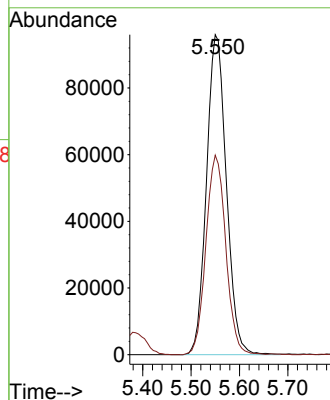
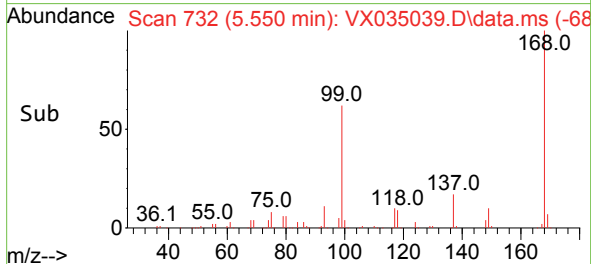


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

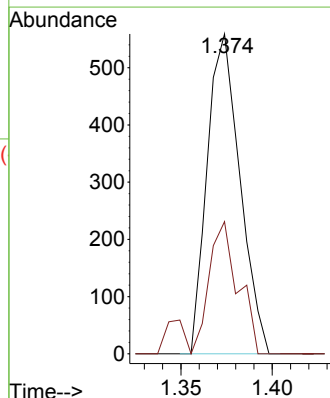
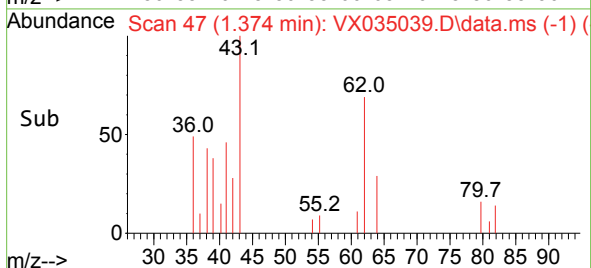
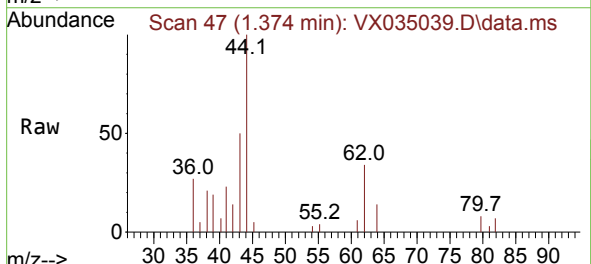


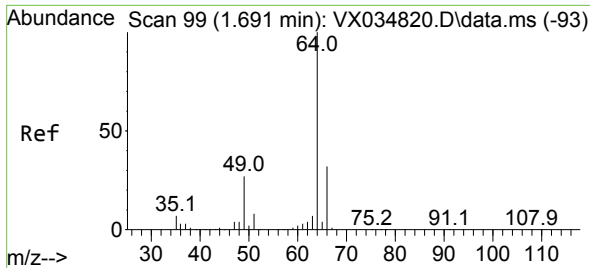
Tgt Ion:168 Resp: 273824
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#4
Vinyl Chloride
Concen: 0.206 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 62 Resp: 697
Ion Ratio Lower Upper
62 100
64 41.3 26.4 39.6#

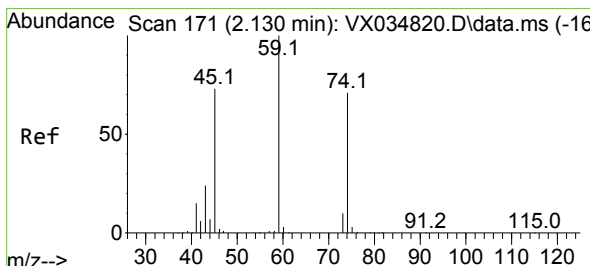
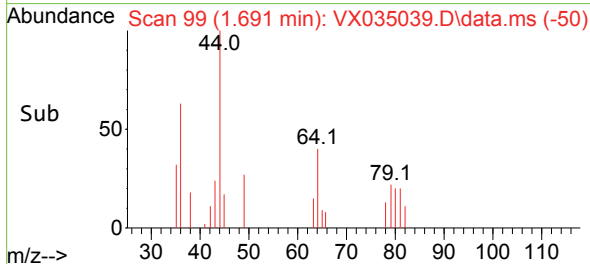
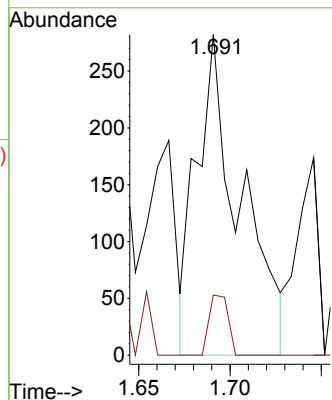
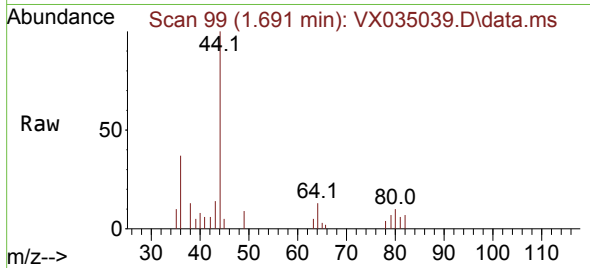




#6
 Chloroethane
 Concen: 0.212 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

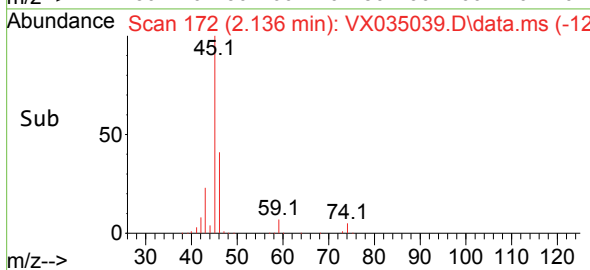
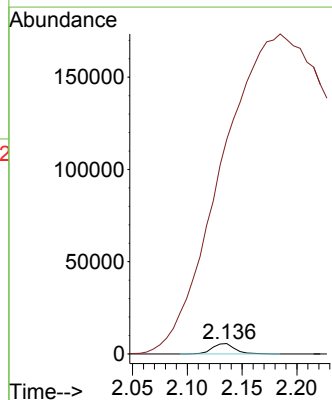
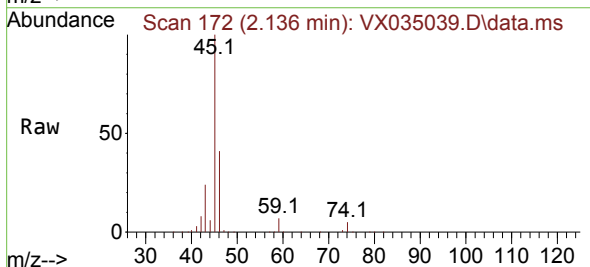
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUND-WATER

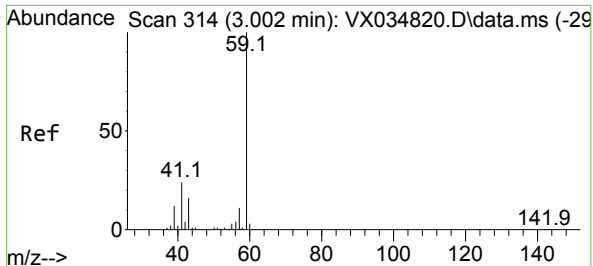
Tgt Ion: 64 Resp: 468
 Ion Ratio Lower Upper
 64 100
 66 23.2 26.2 39.4#



#8
 Diethyl Ether
 Concen: 4.213 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

Tgt Ion: 74 Resp: 8084
 Ion Ratio Lower Upper
 74 100
 45 0.0 49.8 149.3#





#11

Tert butyl alcohol

Concen: 0.842 ug/l

RT: 3.002 min Scan# 314

Delta R.T. 0.000 min

Lab File: VX035039.D

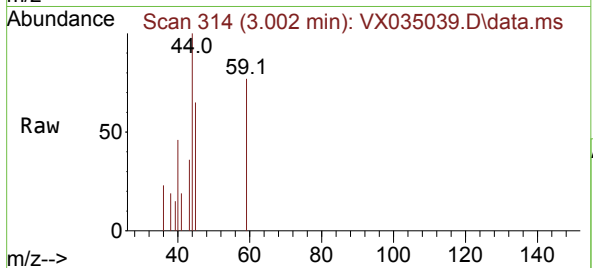
Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

GROUND-WATER

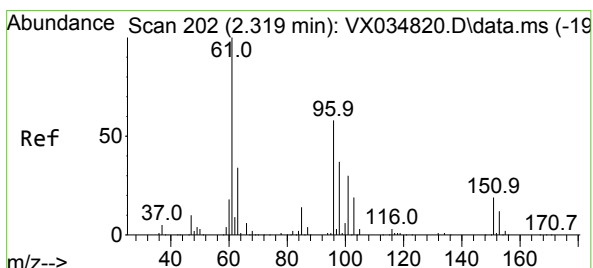
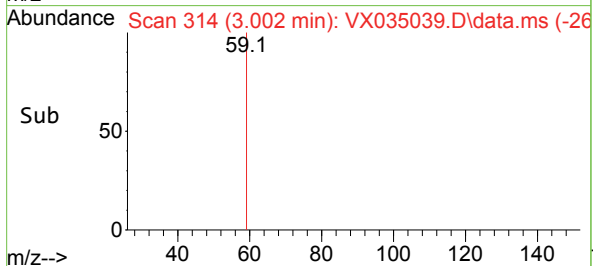
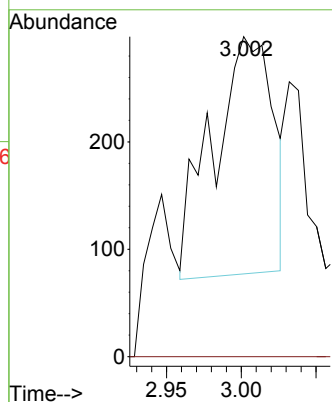


Tgt Ion: 59 Resp: 619

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 0.624 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

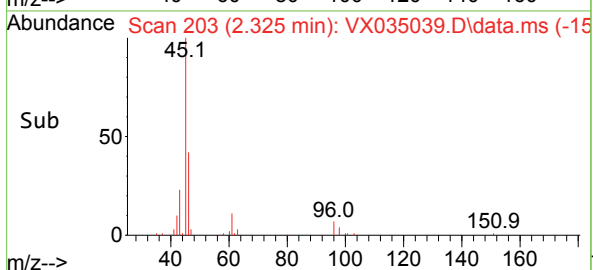
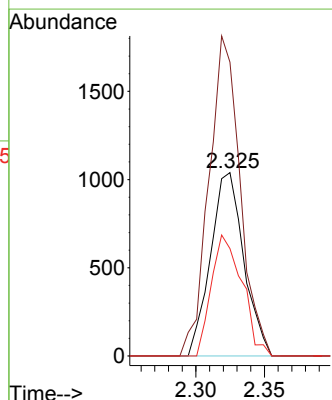
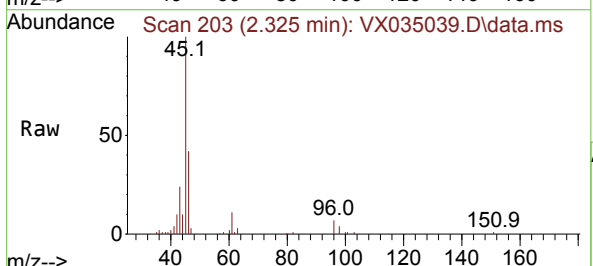
Tgt Ion: 96 Resp: 1754

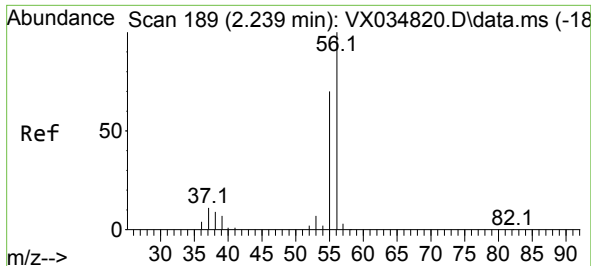
Ion Ratio Lower Upper

96 100

61 160.1 128.8 193.2

98 58.6 51.4 77.0

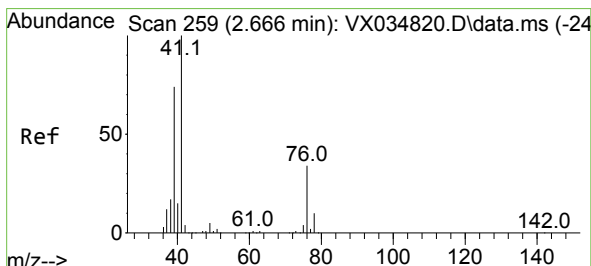
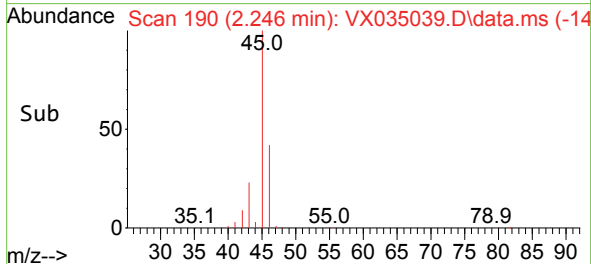
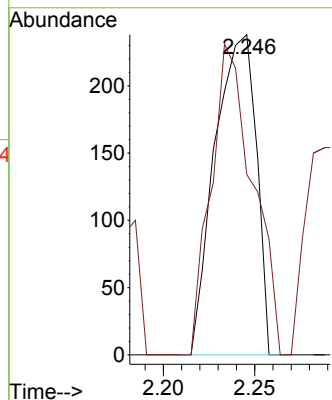
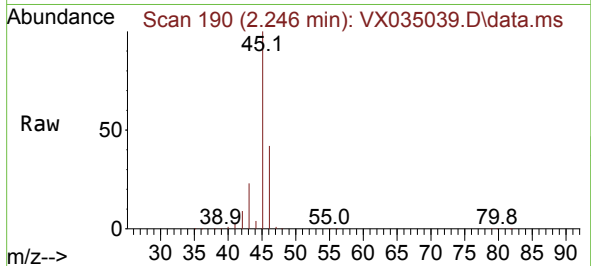




#13
Acrolein
Concen: 0.496 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

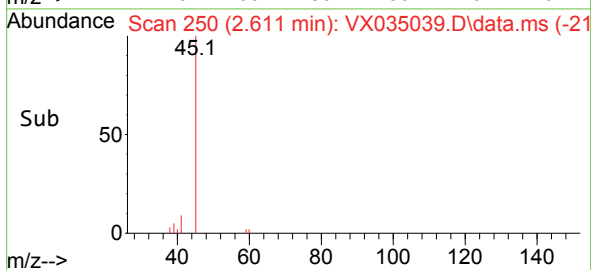
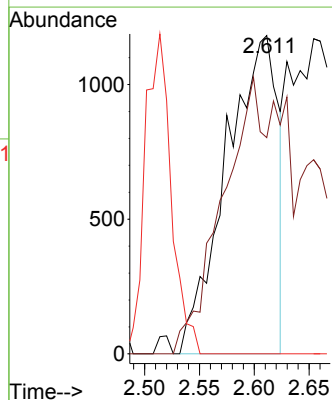
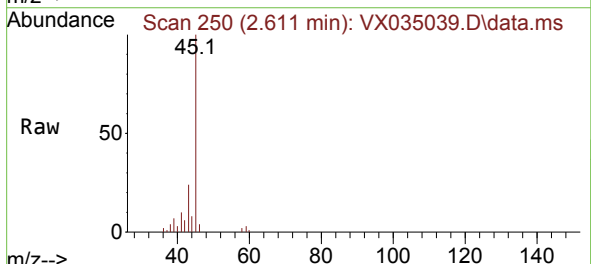
Instrument :
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ClientSampleId :
GROUND-WATER

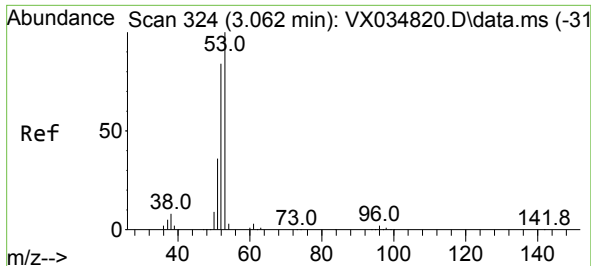
Tgt Ion: 56 Resp: 375
Ion Ratio Lower Upper
56 100
55 98.1 56.6 85.0#



#14
Allyl chloride
Concen: 0.704 ug/l
RT: 2.611 min Scan# 250
Delta R.T. -0.055 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 41 Resp: 3877
Ion Ratio Lower Upper
41 100
39 71.5 52.4 78.6
76 0.0 26.0 39.0#

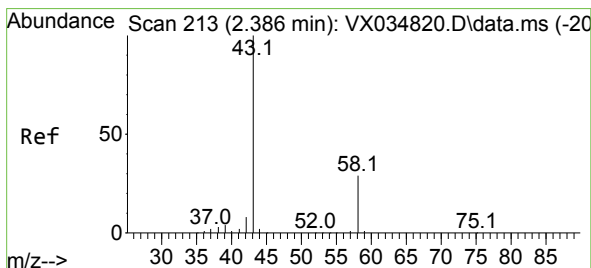
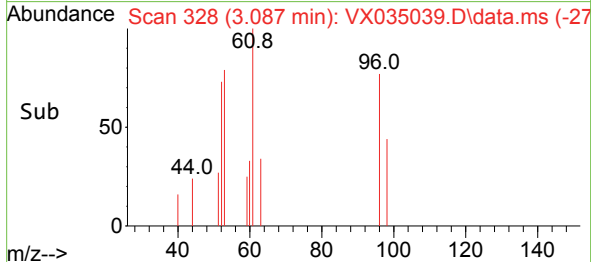
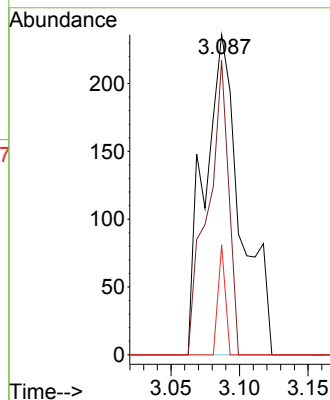
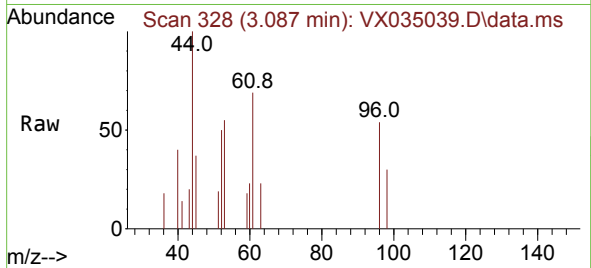




#15
Acrylonitrile
Concen: 0.260 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

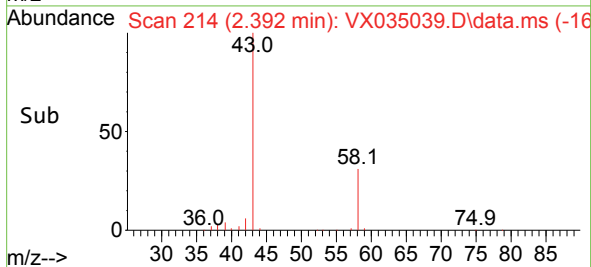
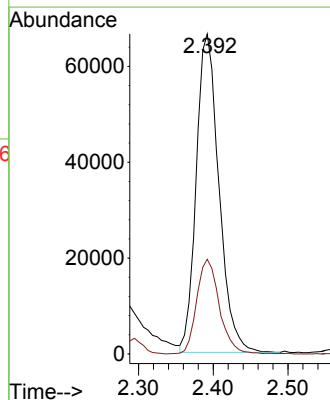
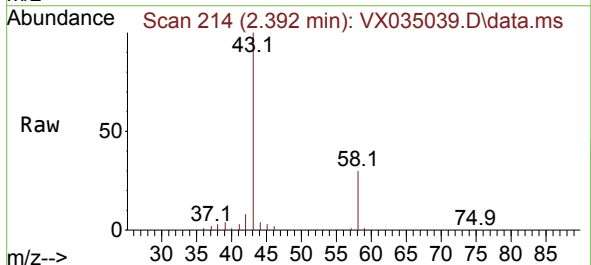
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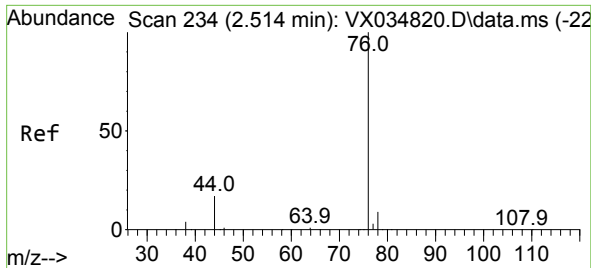
Tgt Ion: 53 Resp: 430
Ion Ratio Lower Upper
53 100
52 53.5 66.2 99.2#
51 7.0 28.3 42.5#



#16
Acetone
Concen: 82.212 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 43 Resp: 139859
Ion Ratio Lower Upper
43 100
58 29.6 24.7 37.1

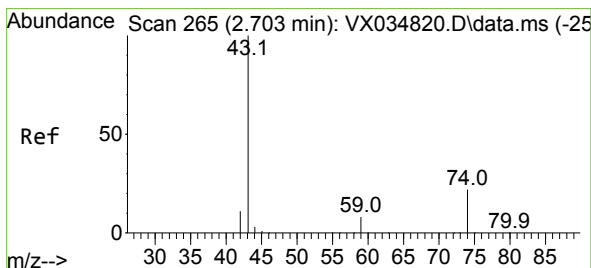
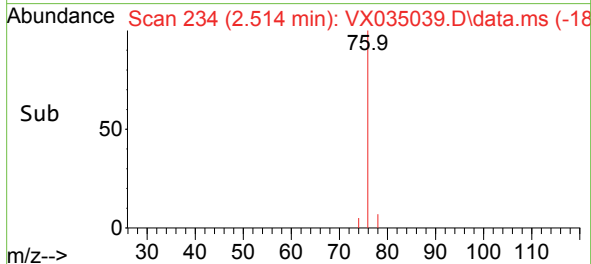
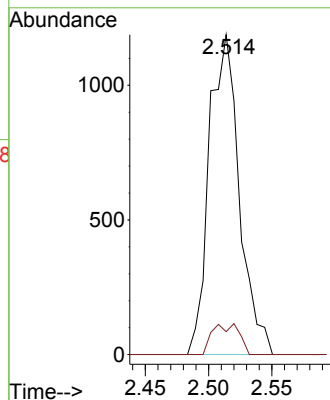
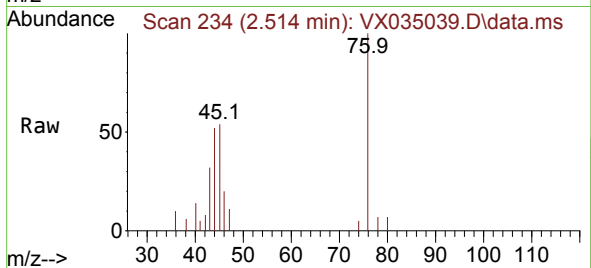




#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

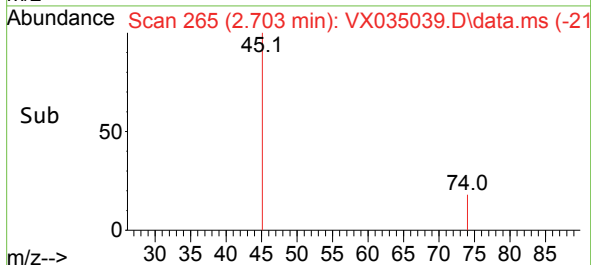
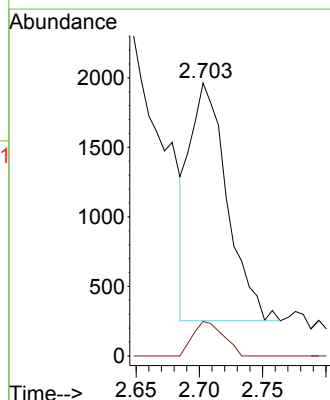
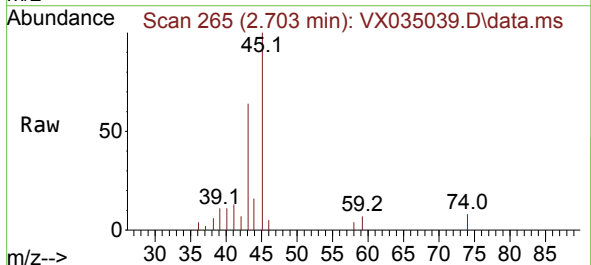
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

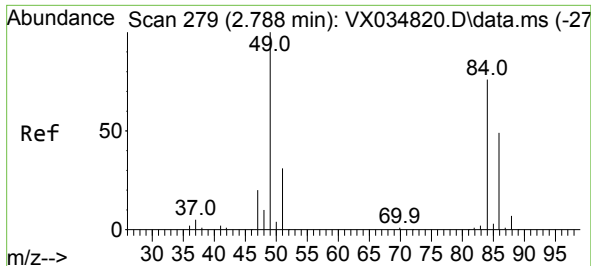
Tgt Ion: 76 Resp: 1967
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.585 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
74 11.7 18.3 27.5#





#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035039.D

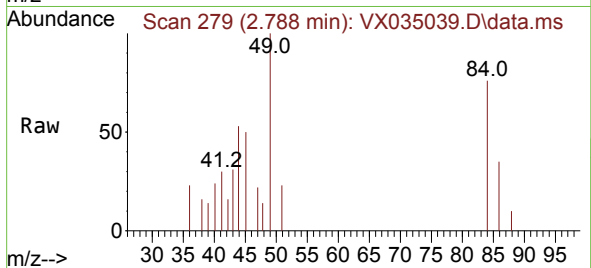
Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

GROUND-WATER



Tgt Ion: 84 Resp: 734

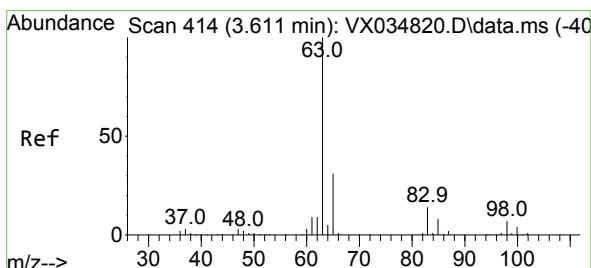
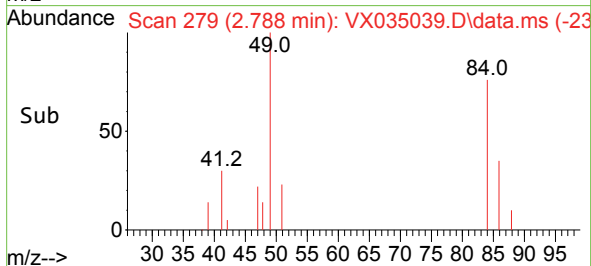
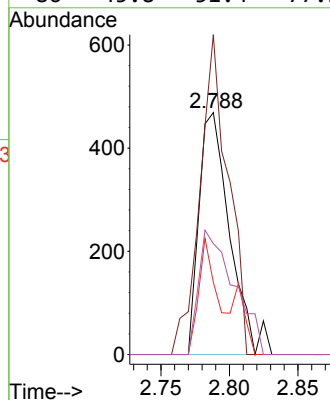
Ion Ratio Lower Upper

84 100

49 132.2 103.8 155.8

51 29.9 31.8 47.8#

86 45.8 51.4 77.2#



#24

1,1-Dichloroethane

Concen: 3.448 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

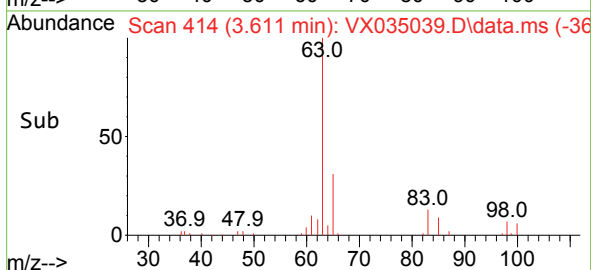
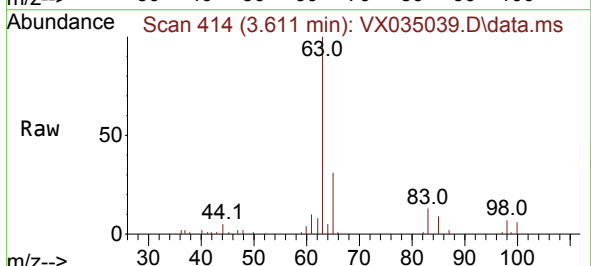
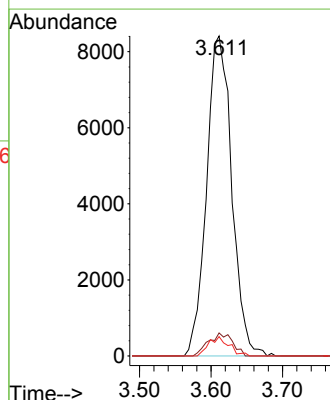
Tgt Ion: 63 Resp: 20616

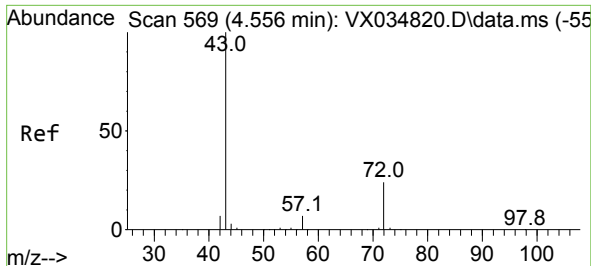
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 6.0 2.4 7.1

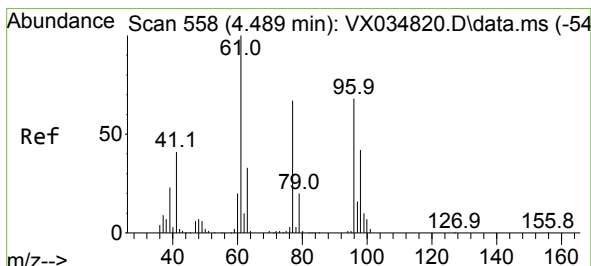
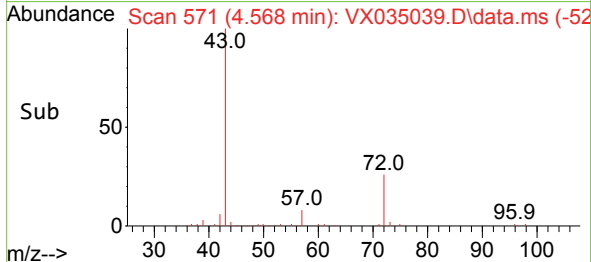
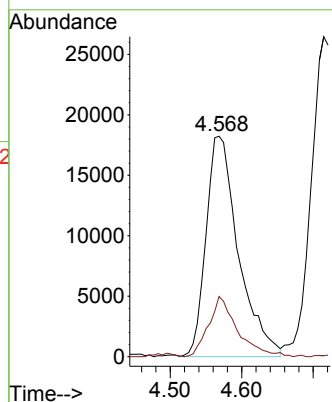
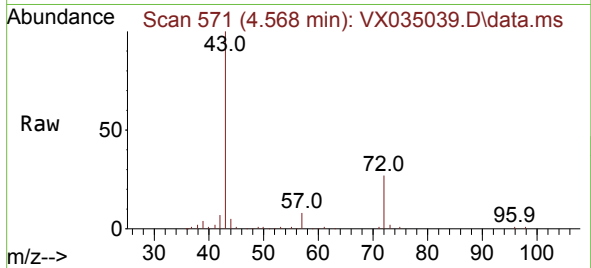




#25
2-Butanone
Concen: 23.210 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

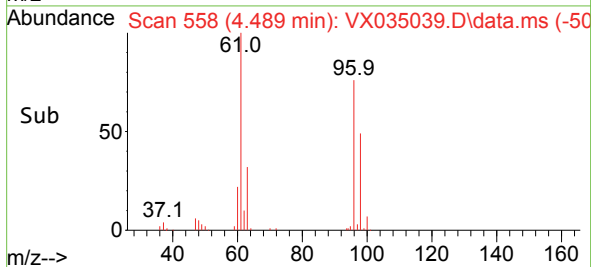
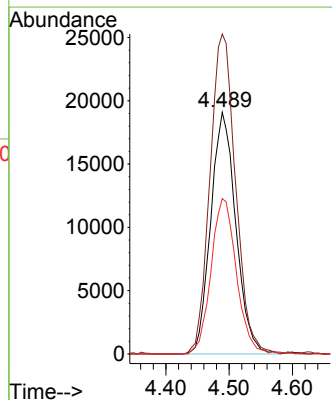
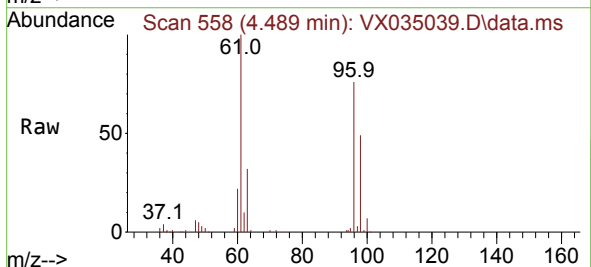
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

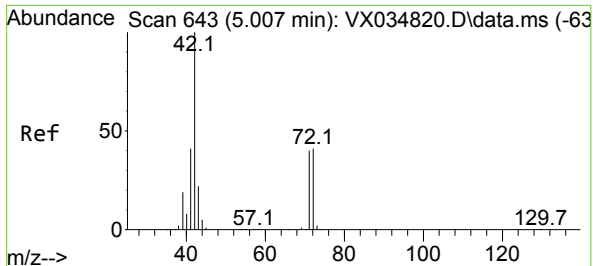
Tgt Ion: 43 Resp: 57436
Ion Ratio Lower Upper
43 100
72 26.9 19.3 28.9



#27
cis-1,2-Dichloroethene
Concen: 14.459 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 96 Resp: 52525
Ion Ratio Lower Upper
96 100
61 135.4 0.0 300.4
98 65.1 0.0 129.0





#29

Tetrahydrofuran

Concen: 14.257 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX035039.D

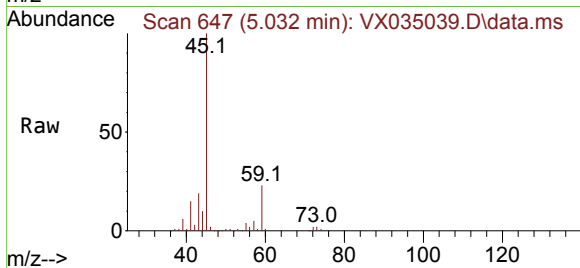
Acq: 12 Apr 2023 12:16

Instrument :

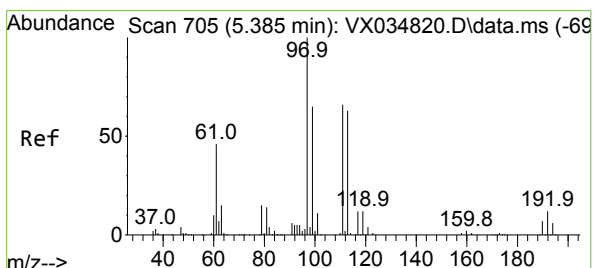
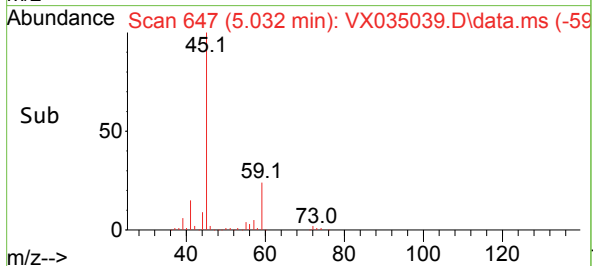
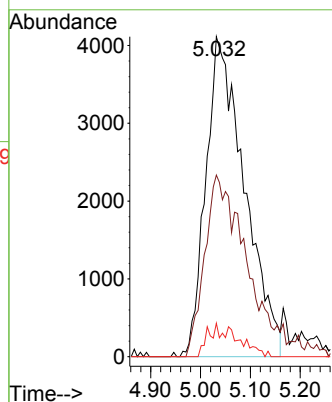
MSVOA_X

ClientSampleId :

GROUND-WATER



Tgt Ion:	42	Resp:	22102
Ion	Ratio	Lower	Upper
42	100		
72	58.9	34.5	51.7#
71	2.0	32.1	48.1#



#32

1,1,1-Trichloroethane

Concen: 6.362 ug/l

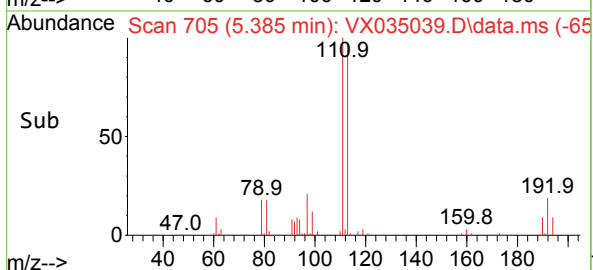
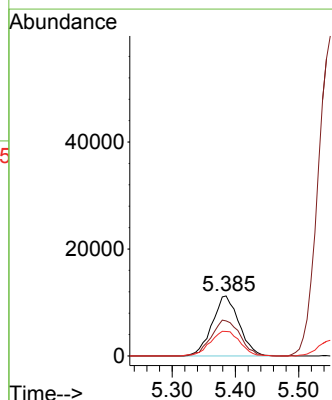
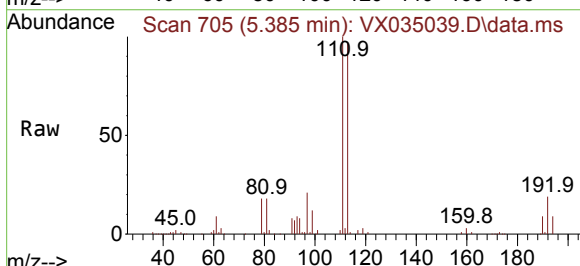
RT: 5.385 min Scan# 705

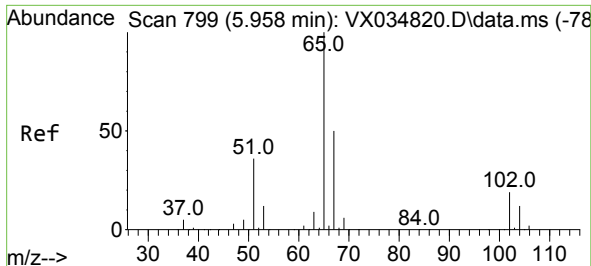
Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Tgt Ion:	97	Resp:	32972
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	45.5	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 45.586 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

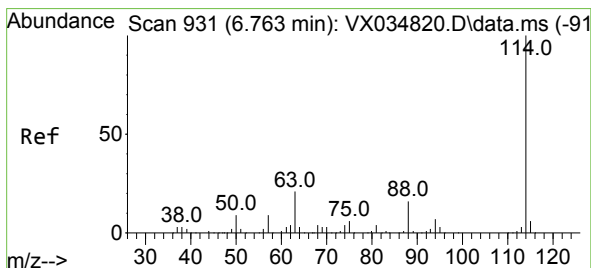
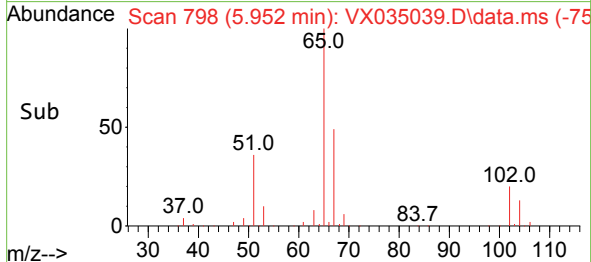
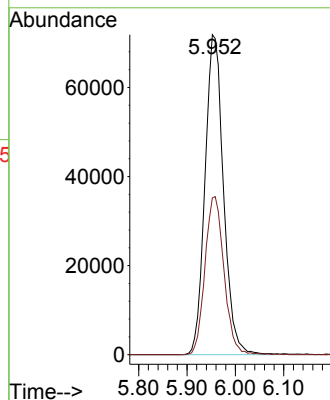
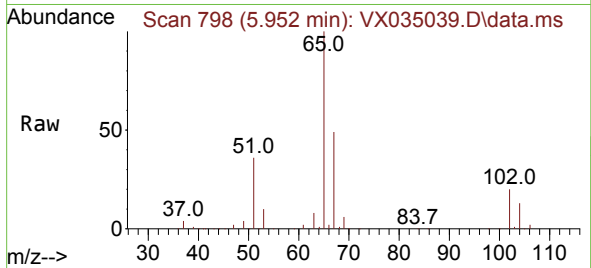
GROUND-WATER

Tgt Ion: 65 Resp: 190902

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

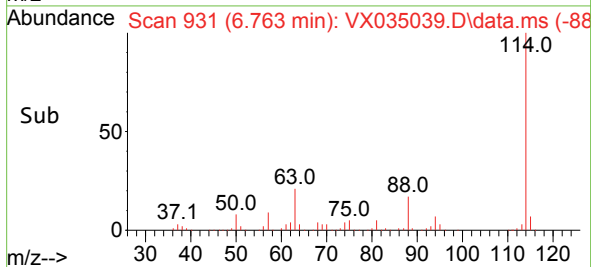
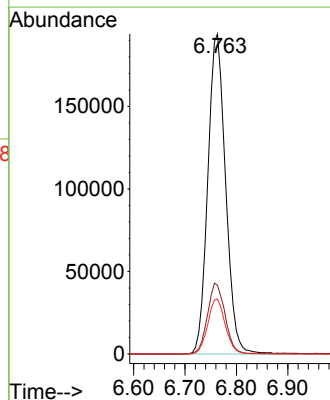
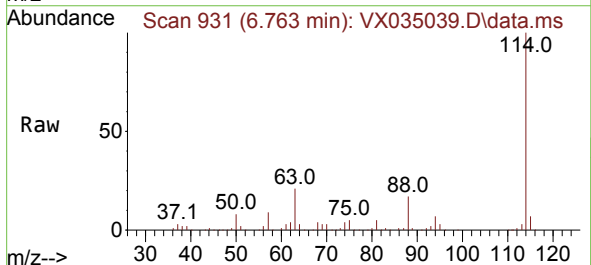
Tgt Ion:114 Resp: 464892

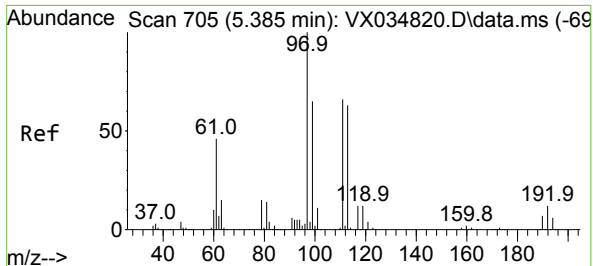
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 17.1 0.0 33.2

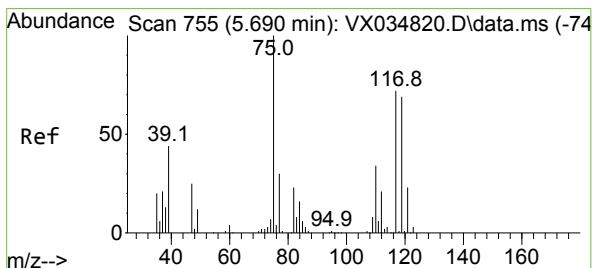
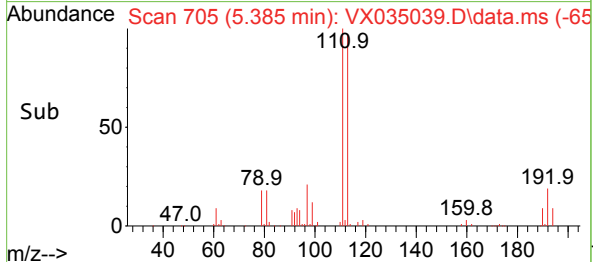
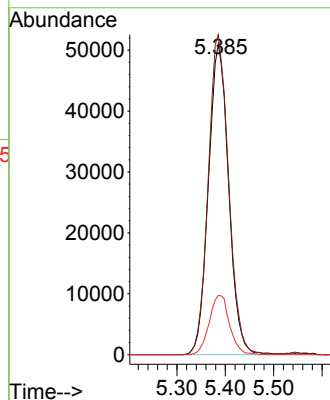
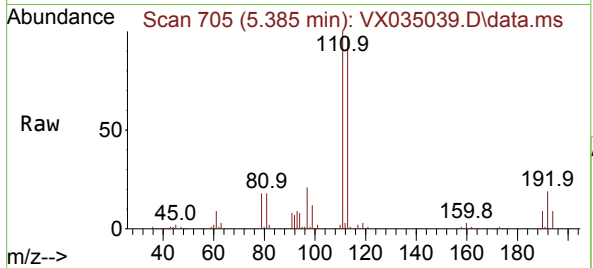




#35
Dibromofluoromethane
Concen: 48.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

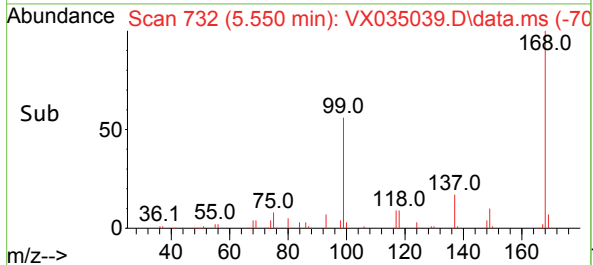
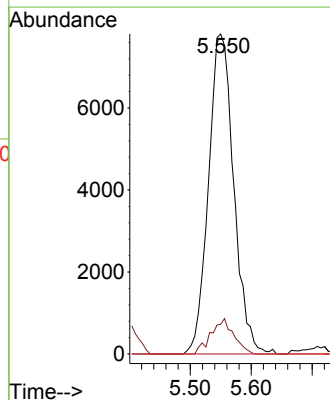
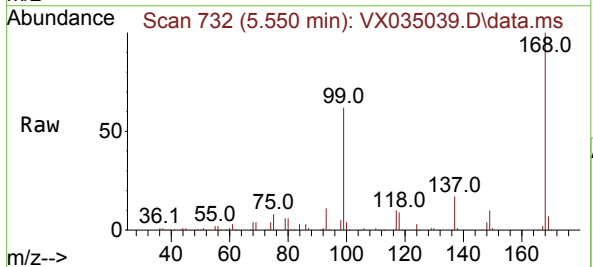
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

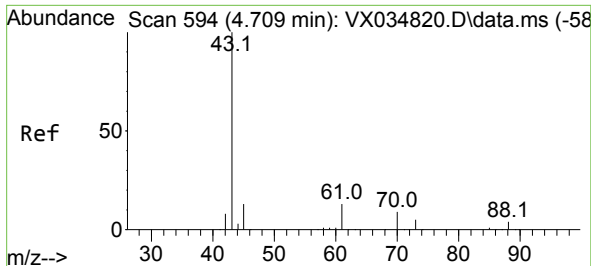
Tgt Ion:113 Resp: 147876
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 75 Resp: 22481
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 16.820 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

GROUND-WATER

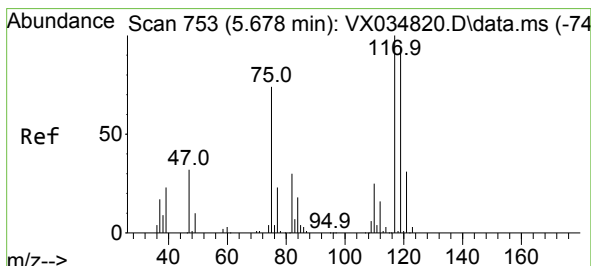
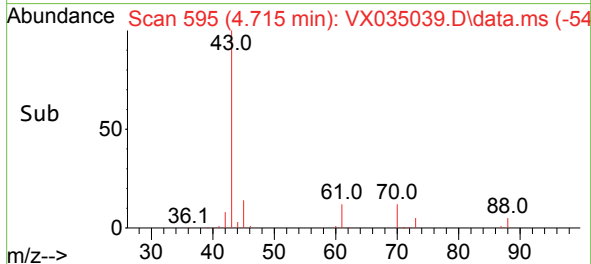
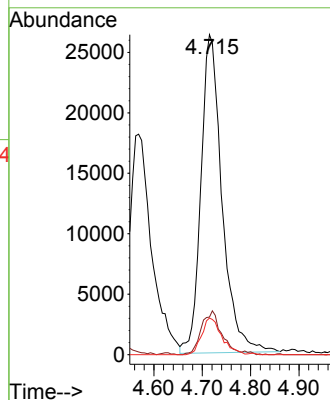
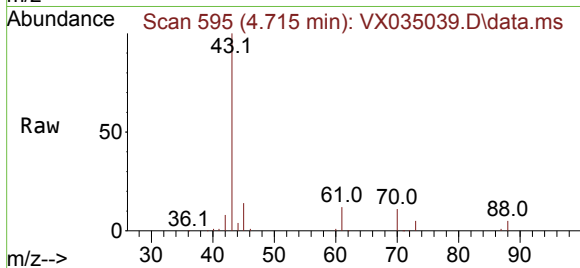
Tgt Ion: 43 Resp: 80121

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

70 11.0 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.524 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

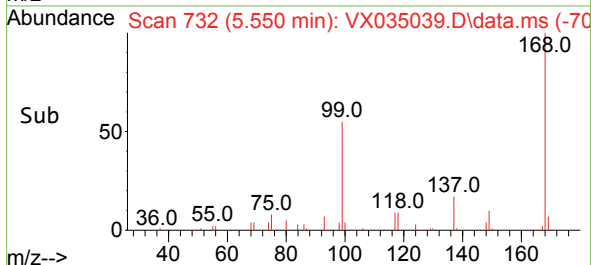
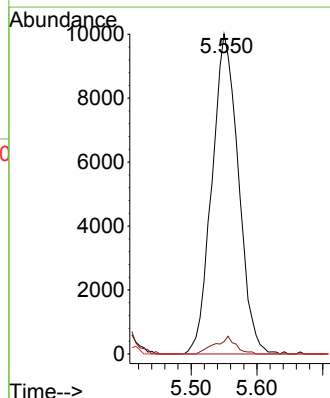
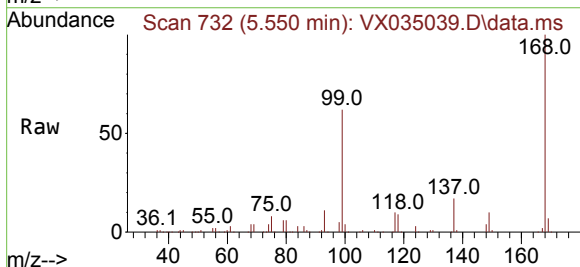
Tgt Ion: 117 Resp: 28022

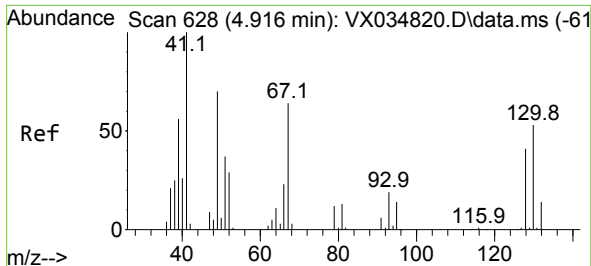
Ion Ratio Lower Upper

117 100

119 3.8 76.6 114.8#

121 0.0 23.8 35.6#

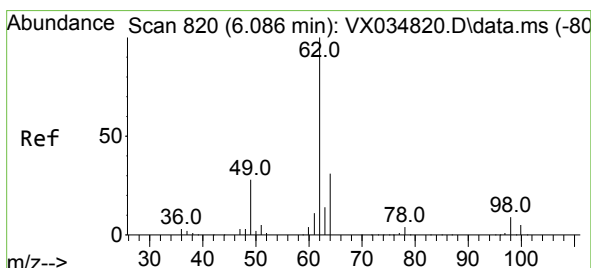
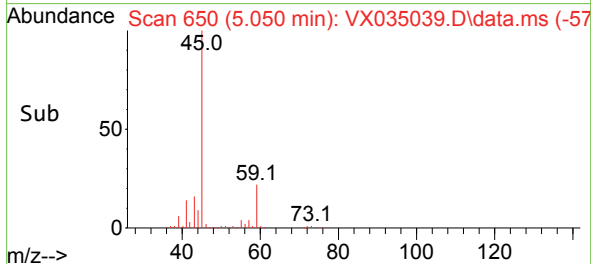
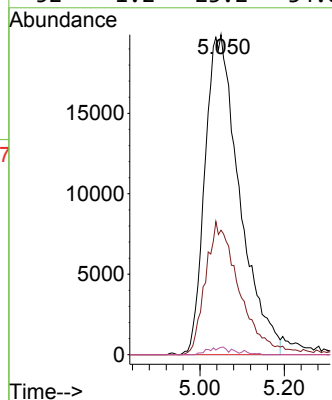
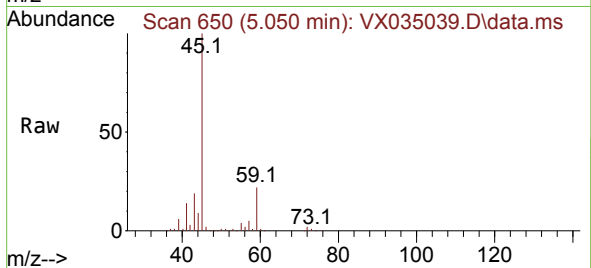




#41
Methacrylonitrile
Concen: 43.688 ug/l
RT: 5.050 min Scan# 611
Delta R.T. 0.134 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

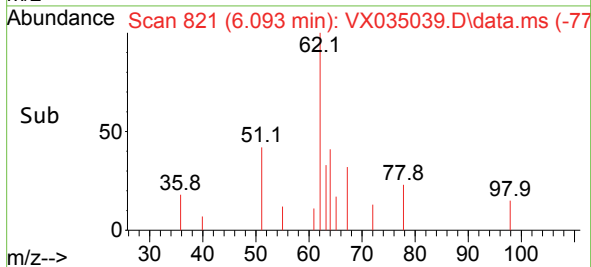
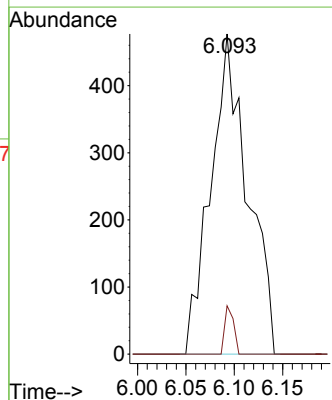
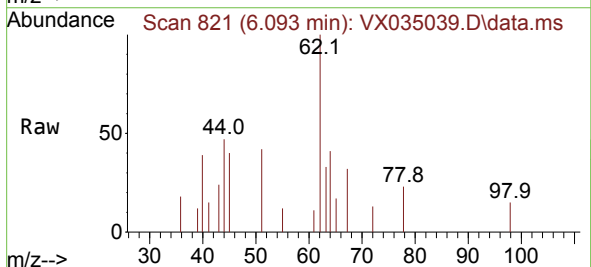
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

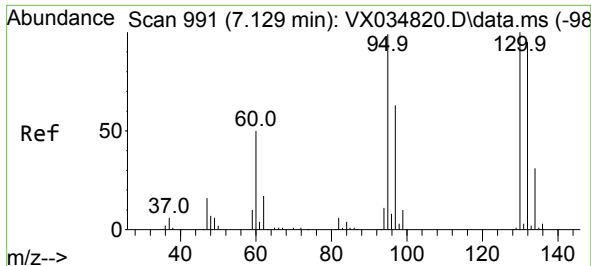
Tgt Ion: 41 Resp: 113175
Ion Ratio Lower Upper
41 100
39 40.1 45.0 67.6#
67 0.0 55.6 83.4#
52 1.2 23.2 34.8#



#42
1,2-Dichloroethane
Concen: 0.243 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 62 Resp: 1262
Ion Ratio Lower Upper
62 100
98 3.6 0.0 18.0

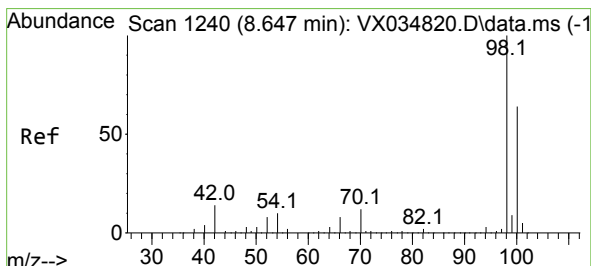
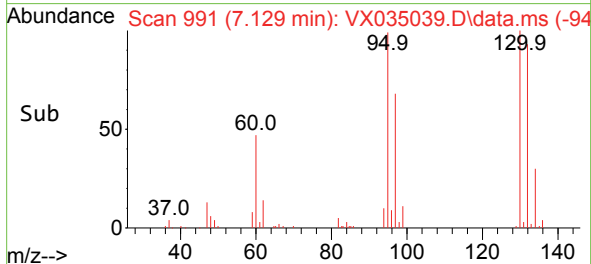
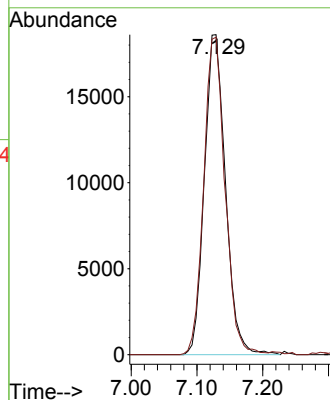
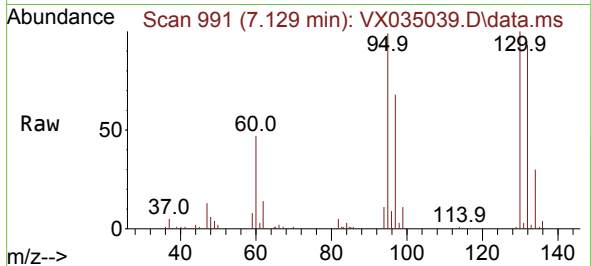




#44
Trichloroethene
Concen: 12.455 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

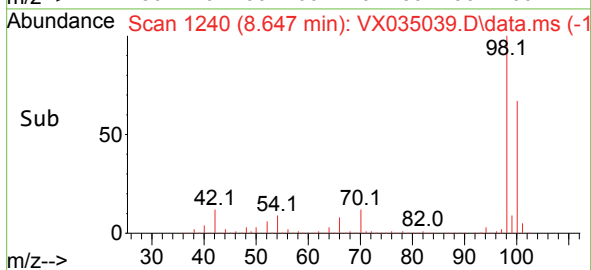
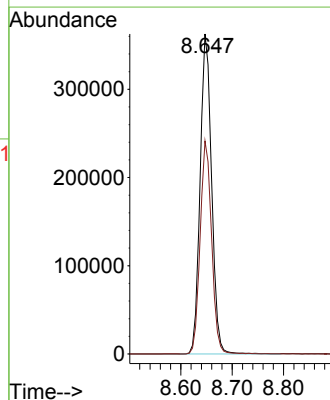
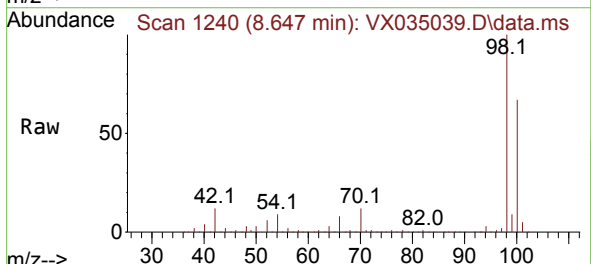
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

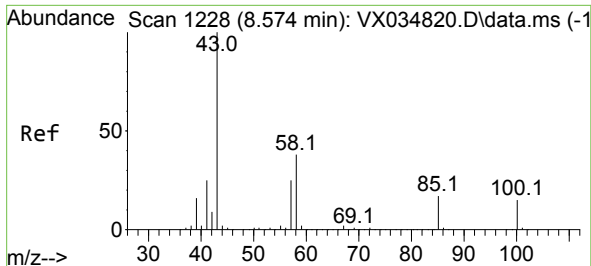
Tgt Ion:130 Resp: 41578
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.4



#50
Toluene-d8
Concen: 49.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 98 Resp: 562224
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

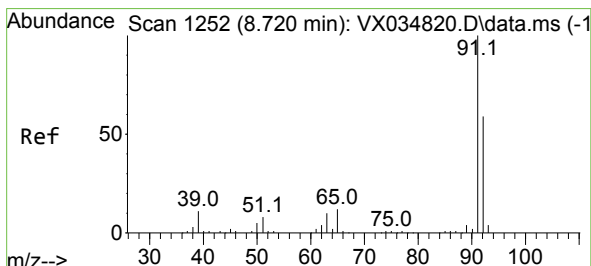
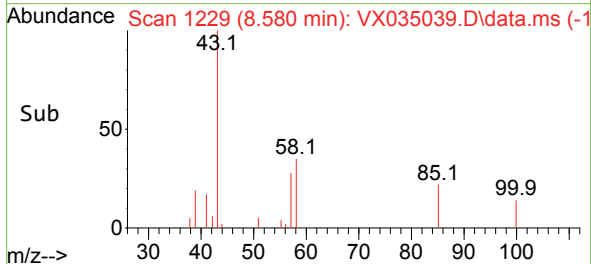
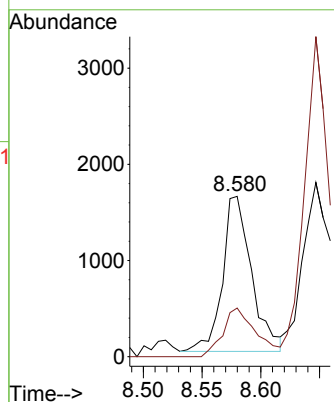
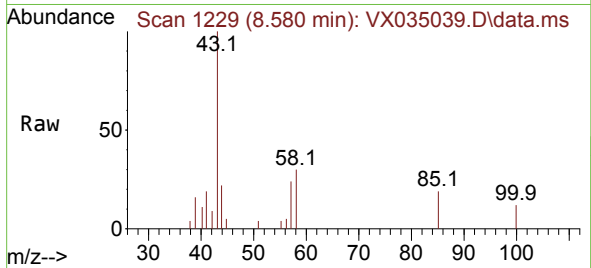




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

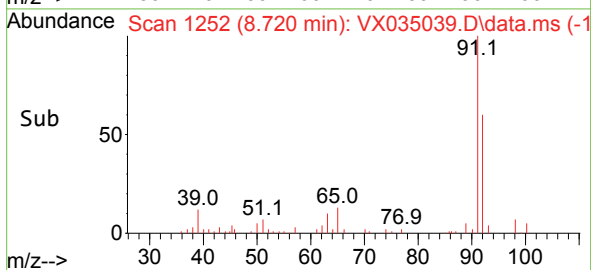
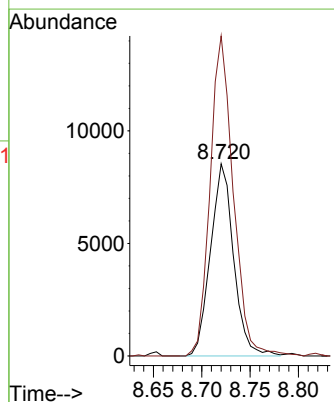
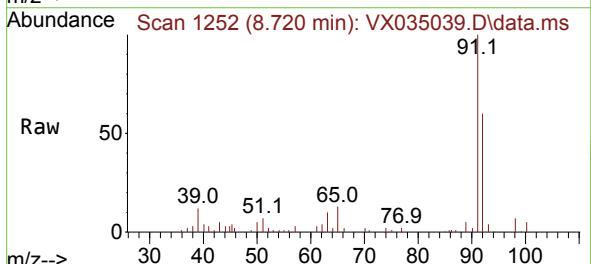
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

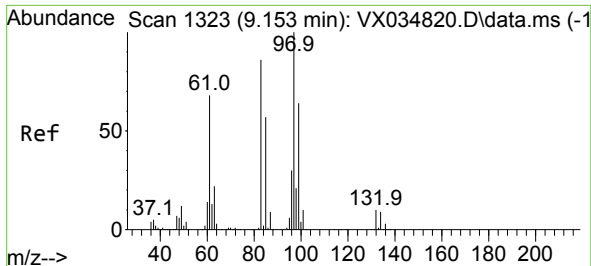
Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0



#52
Toluene
Concen: 1.667 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 92 Resp: 14214
Ion Ratio Lower Upper
92 100
91 166.3 136.8 205.2

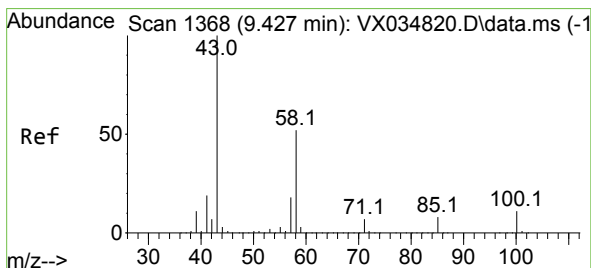
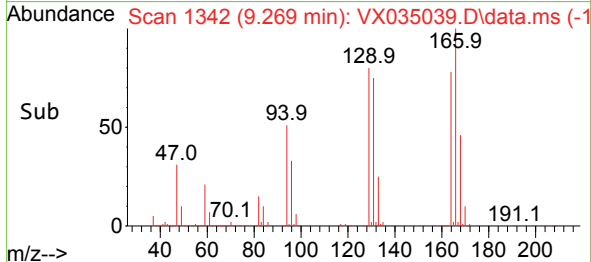
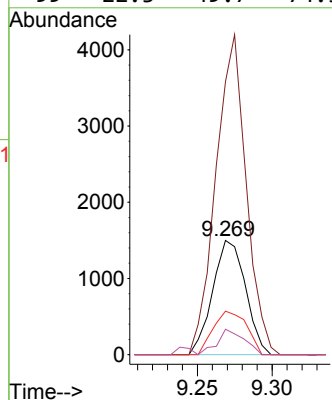
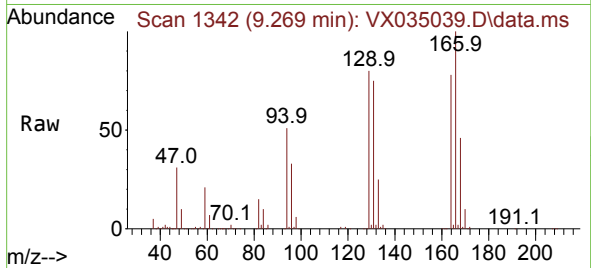




#55
 1,1,2-Trichloroethane
 Concen: 0.710 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

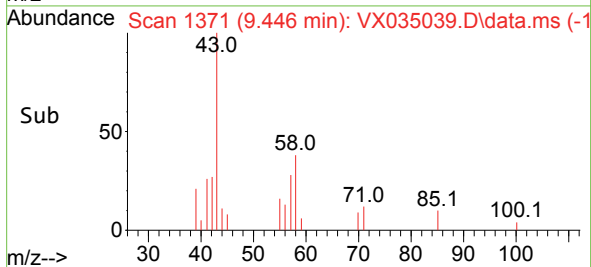
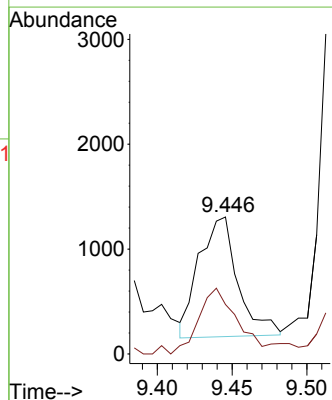
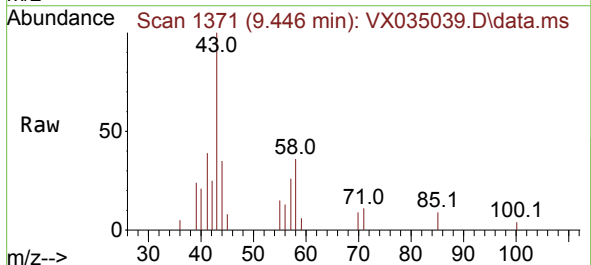
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUND-WATER

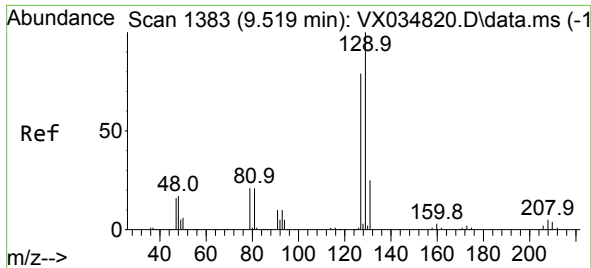
Tgt Ion: 97 Resp: 2290
 Ion Ratio Lower Upper
 97 100
 83 239.0 69.7 104.5#
 85 38.1 43.7 65.5#
 99 22.3 49.7 74.5#



#59
 2-Hexanone
 Concen: 0.578 ug/l
 RT: 9.446 min Scan# 1371
 Delta R.T. 0.018 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

Tgt Ion: 43 Resp: 2063
 Ion Ratio Lower Upper
 43 100
 58 56.3 26.3 78.9

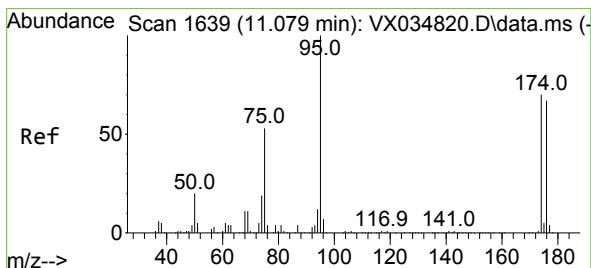
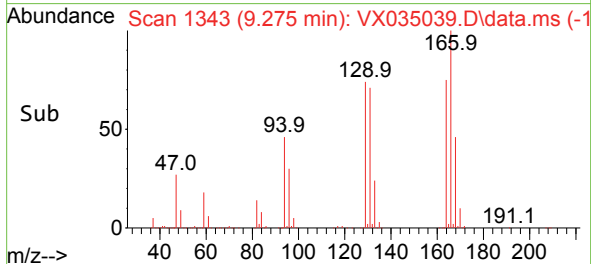
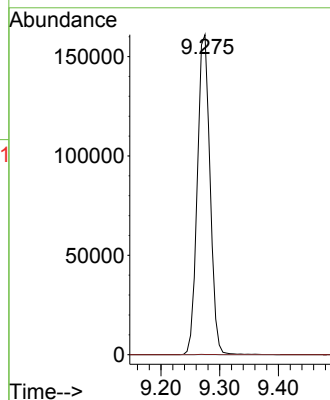
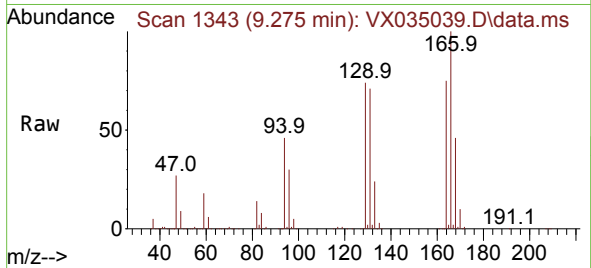




#60
Dibromochloromethane
Concen: 78.656 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

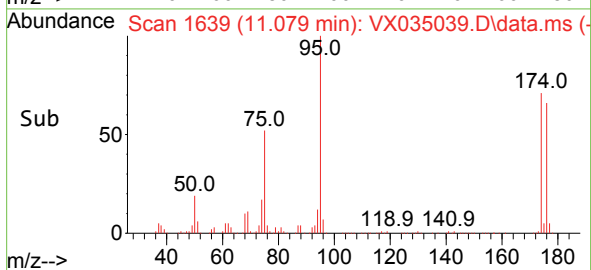
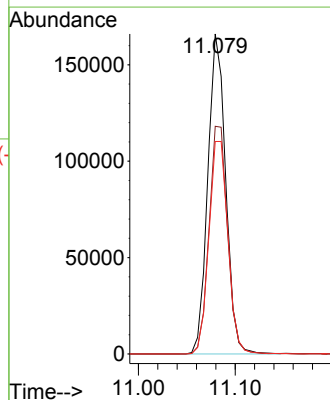
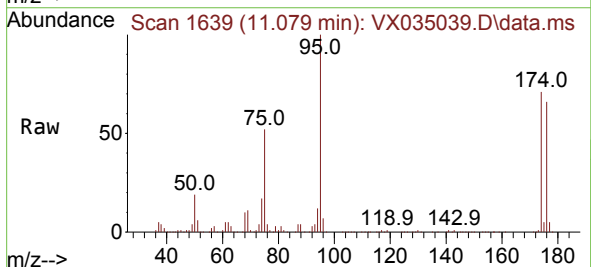
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

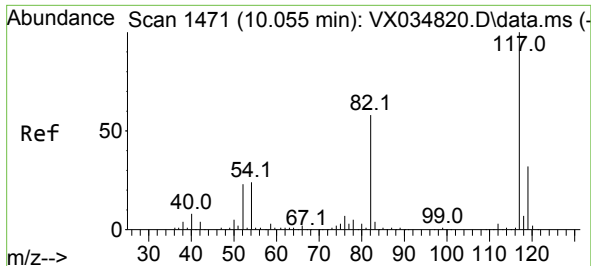
Tgt Ion:129 Resp: 241796
Ion Ratio Lower Upper
129 100
127 0.1 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 48.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 95 Resp: 213382
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 70.9 0.0 140.6

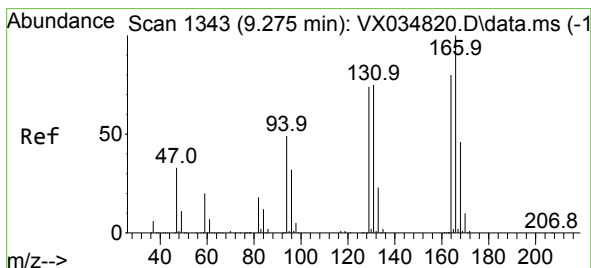
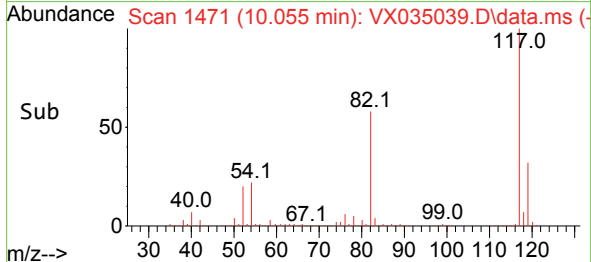
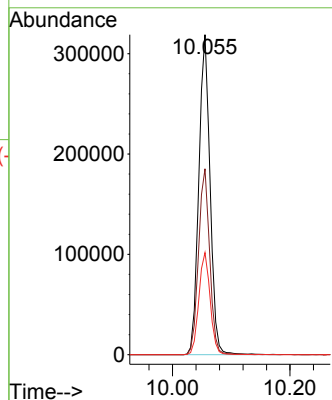
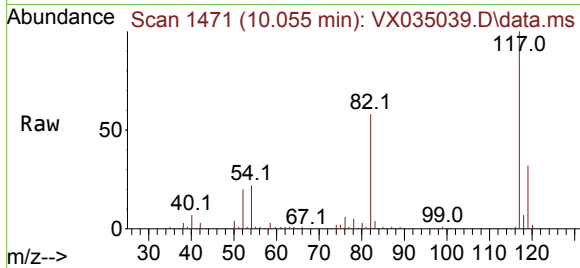




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

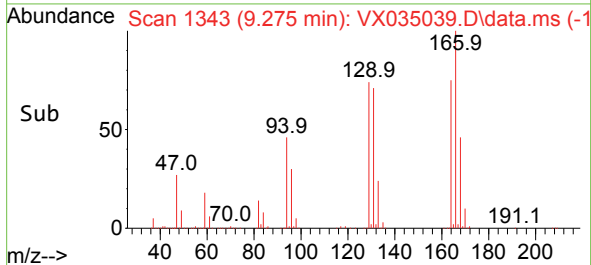
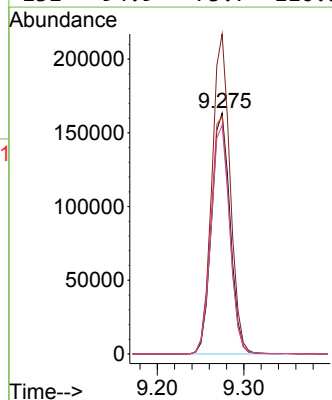
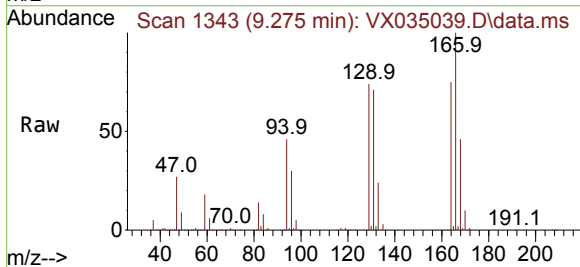
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

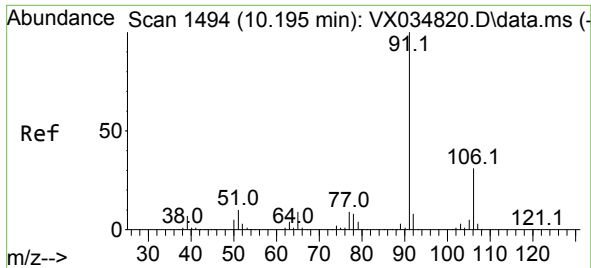
Tgt Ion:117 Resp: 424370
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 79.703 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion:164 Resp: 242056
Ion Ratio Lower Upper
164 100
166 132.9 102.7 154.1
129 98.6 75.6 113.4
131 94.9 73.7 110.5

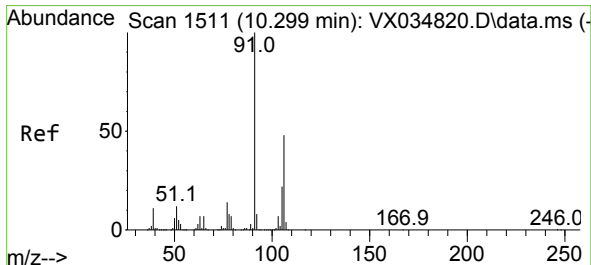
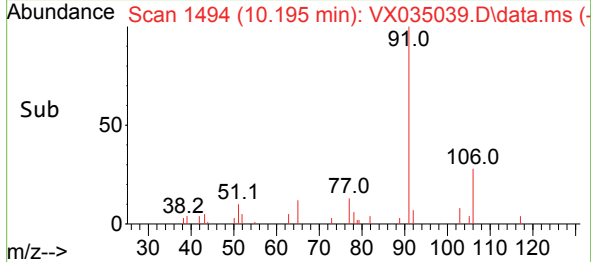
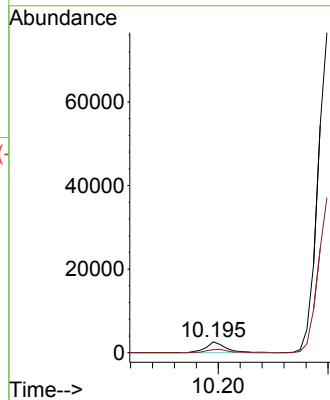
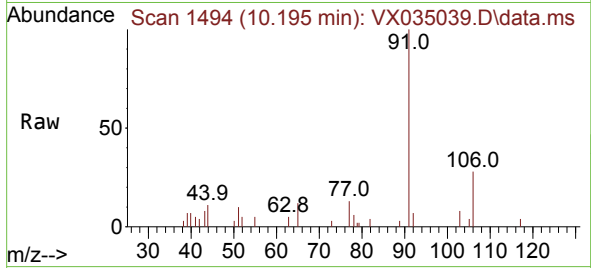




#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

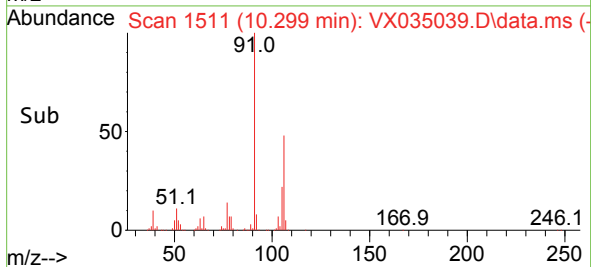
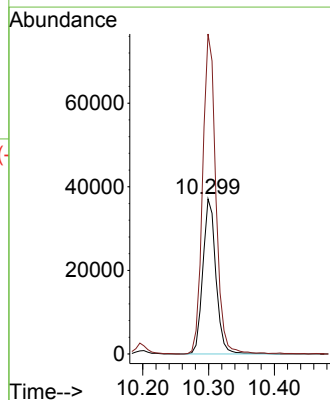
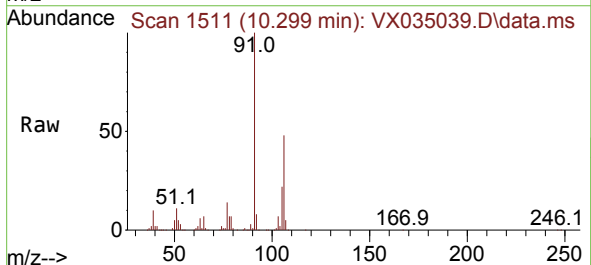
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

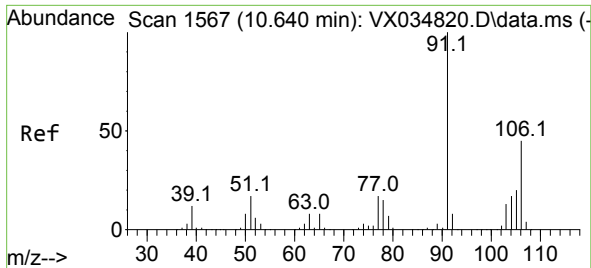
Tgt Ion: 91 Resp: 3249
Ion Ratio Lower Upper
91 100
106 27.8 25.6 38.4



#68
m/p-Xylenes
Concen: 8.397 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion: 106 Resp: 51304
Ion Ratio Lower Upper
106 100
91 208.8 164.0 246.0

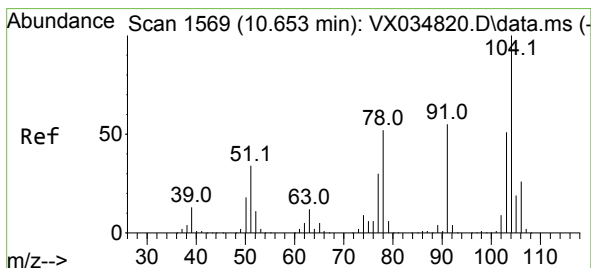
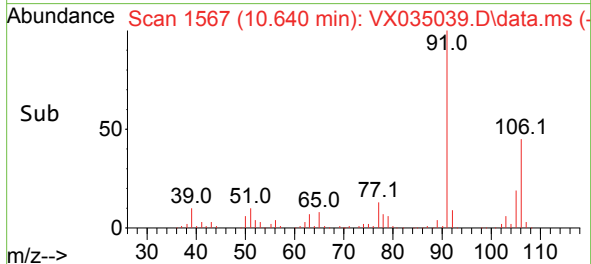
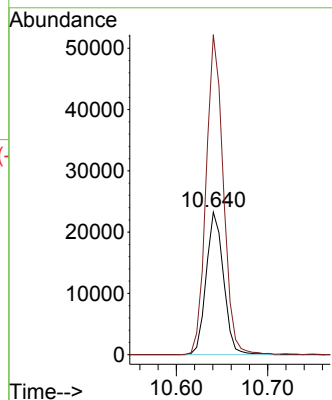
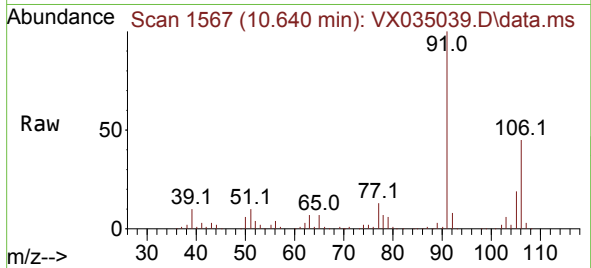




#69
o-Xylene
Concen: 5.136 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

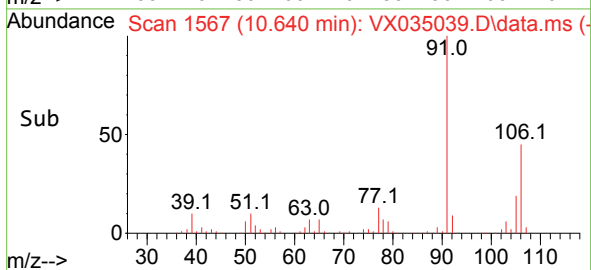
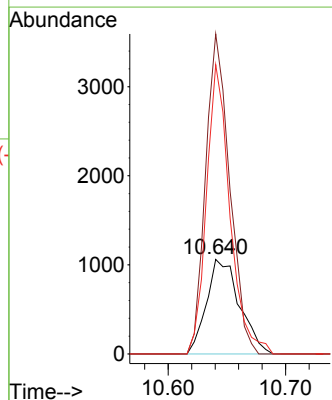
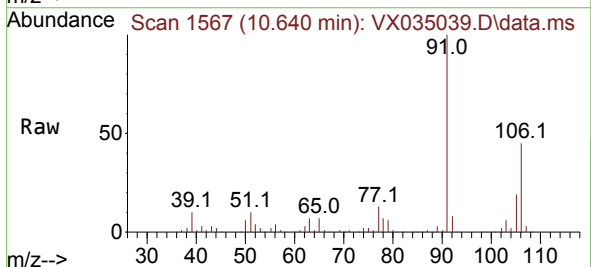
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

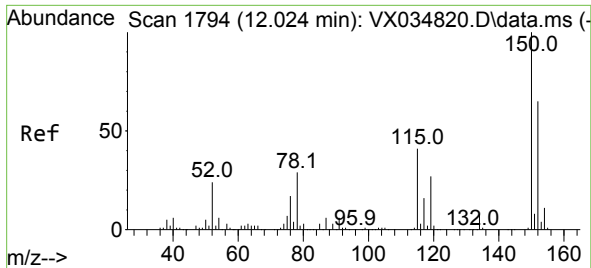
Tgt Ion:106 Resp: 30740
Ion Ratio Lower Upper
106 100
91 222.2 108.5 325.3



#70
Styrene
Concen: 0.217 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.013 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion:104 Resp: 2073
Ion Ratio Lower Upper
104 100
78 246.7 43.4 65.2#
103 217.7 44.2 66.2#

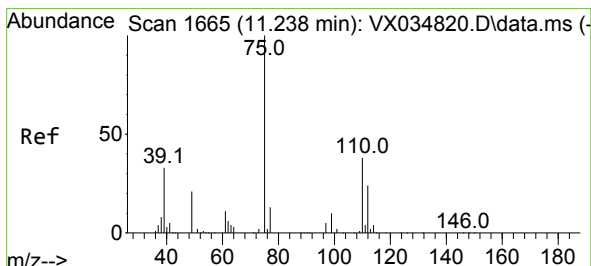
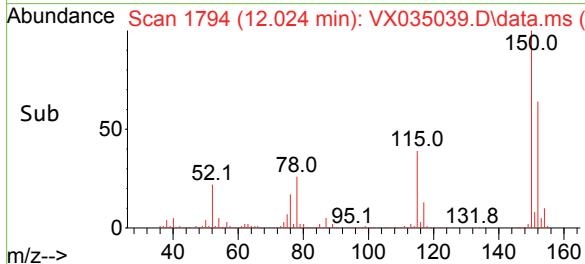
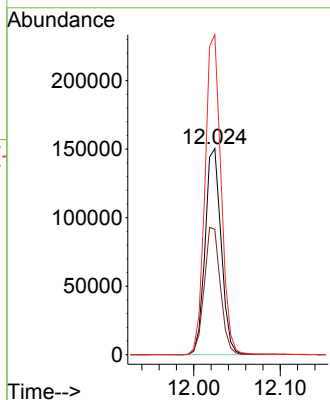
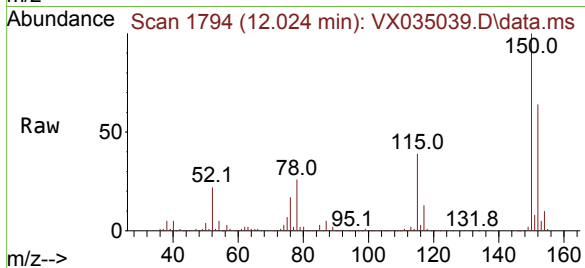




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

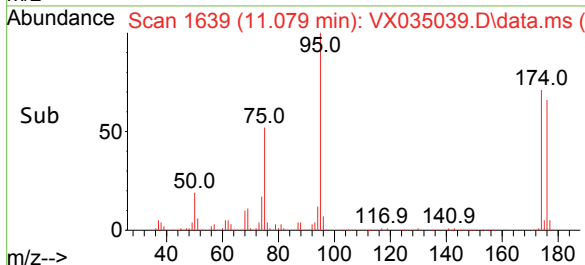
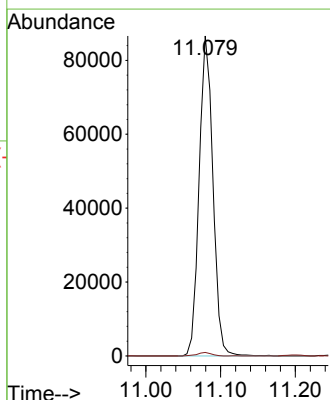
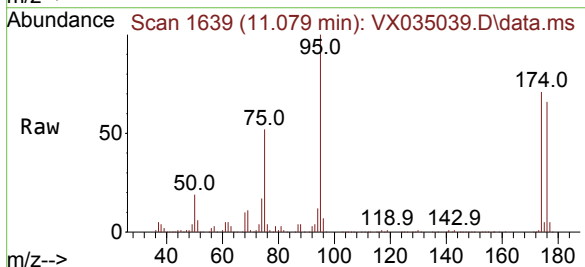
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUND-WATER

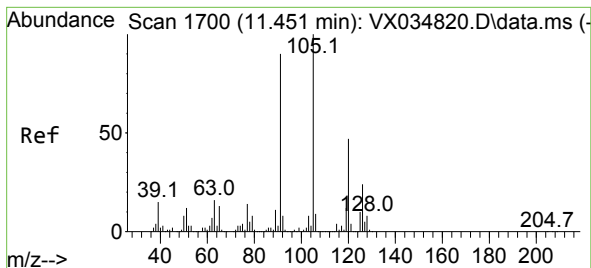
Tgt Ion:152 Resp: 193676
 Ion Ratio Lower Upper
 152 100
 115 62.2 45.0 135.0
 150 155.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 28.428 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

Tgt Ion: 75 Resp: 110938
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.225 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

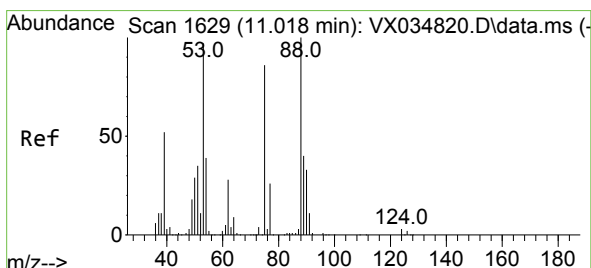
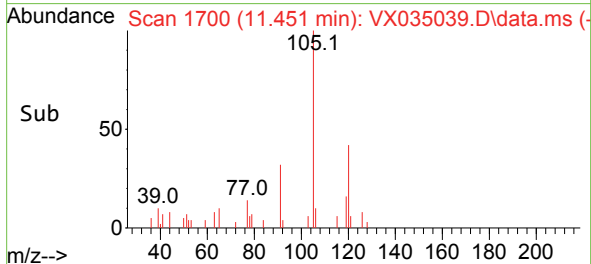
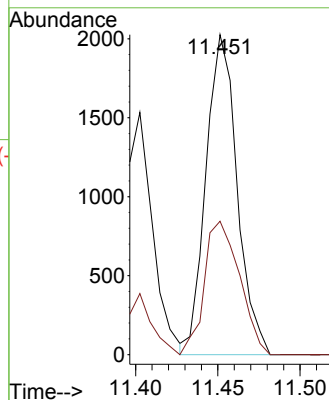
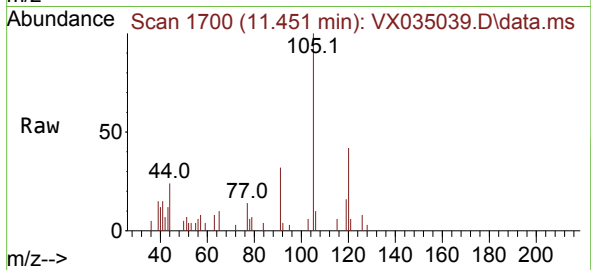
GROUND-WATER

Tgt Ion:105 Resp: 2667

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 85.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

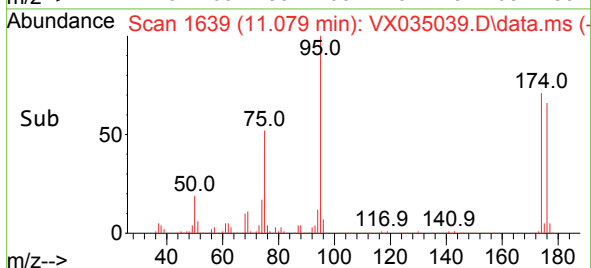
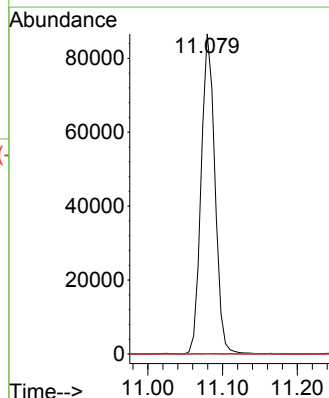
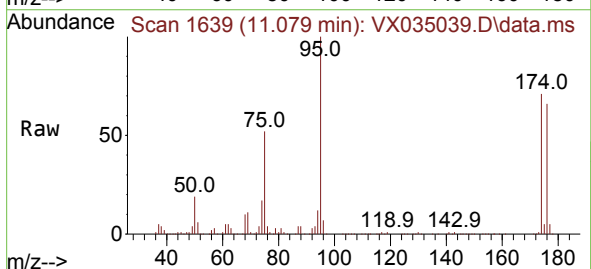
Tgt Ion: 75 Resp: 110938

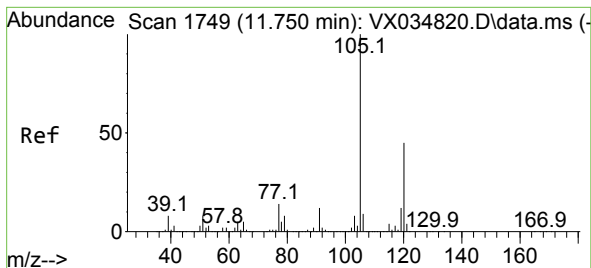
Ion Ratio Lower Upper

75 100

53 0.1 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 1.310 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

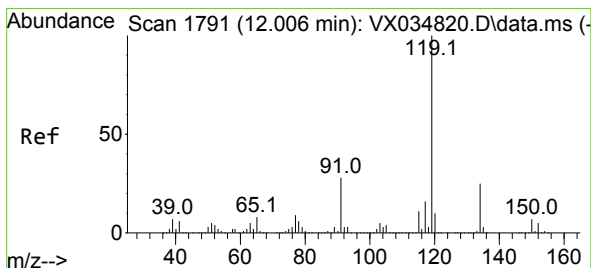
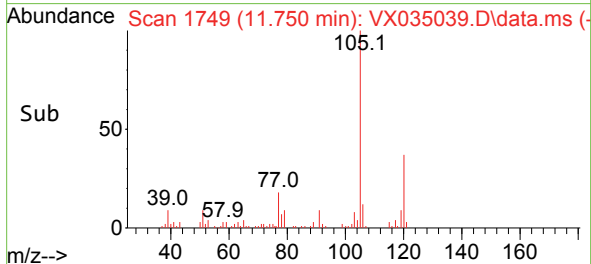
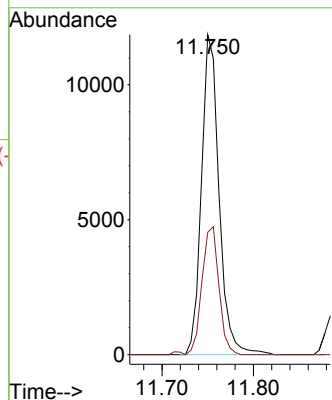
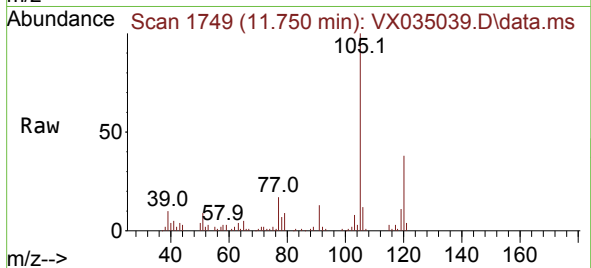
GROUND-WATER

Tgt Ion:105 Resp: 15801

Ion Ratio Lower Upper

105 100

120 38.9 22.4 67.0



#86

p-Isopropyltoluene

Concen: 0.209 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

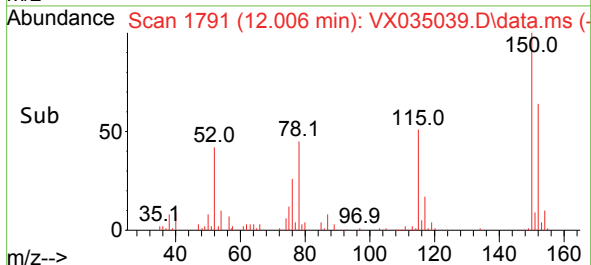
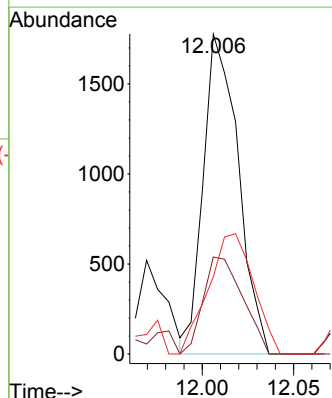
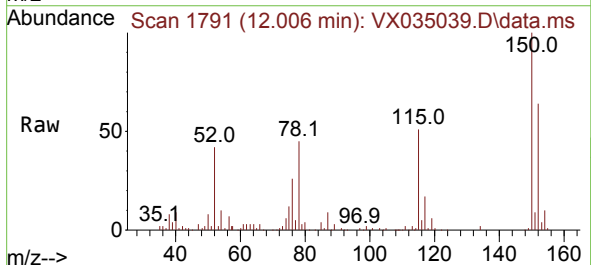
Tgt Ion:119 Resp: 2364

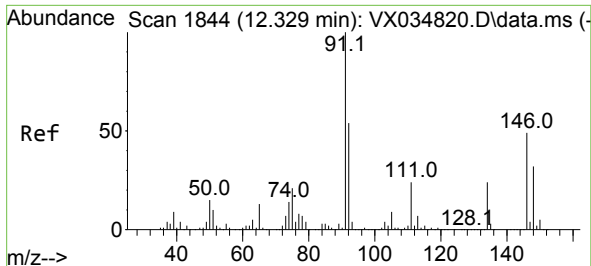
Ion Ratio Lower Upper

119 100

134 34.3 13.2 39.5

91 48.7 12.9 38.7#





#89

n-Butylbenzene

Concen: 0.381 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

GROUND-WATER

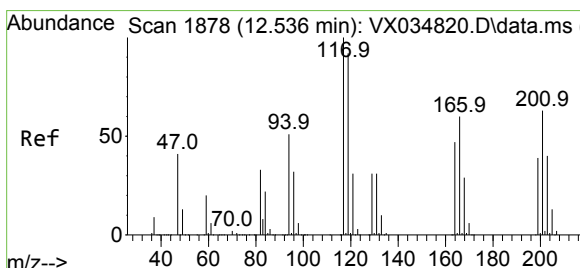
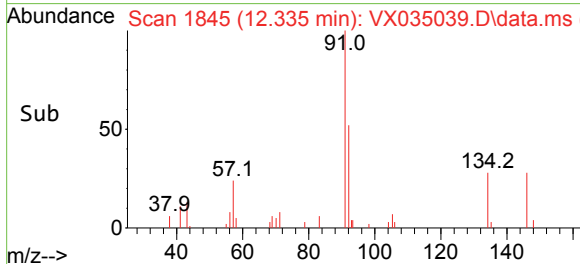
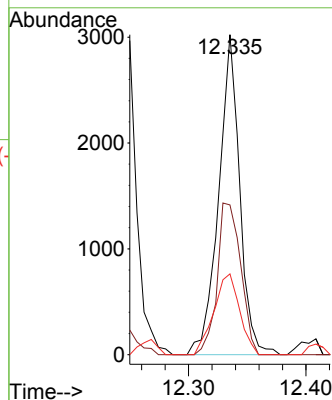
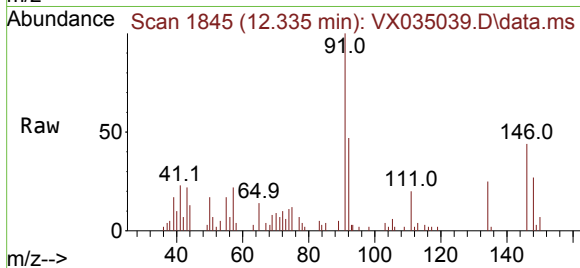
Tgt Ion: 91 Resp: 3764

Ion Ratio Lower Upper

91 100

92 52.9 27.7 83.0

134 30.9 13.0 38.9



#90

Hexachloroethane

Concen: 0.600 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.165 min

Lab File: VX035039.D

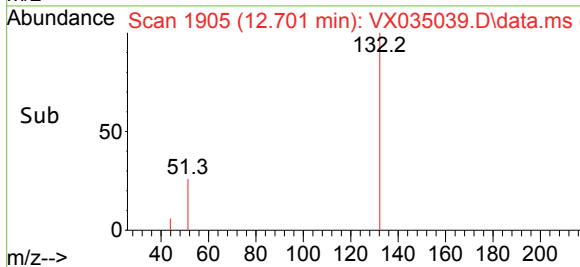
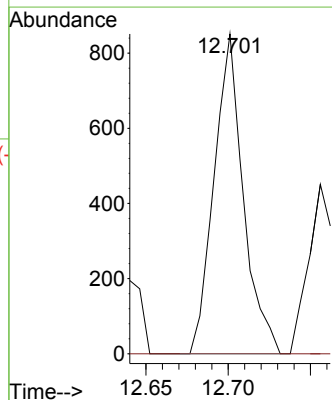
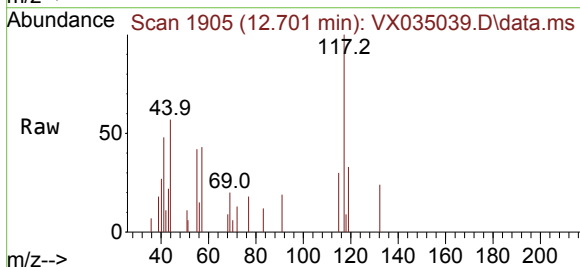
Acq: 12 Apr 2023 12:16

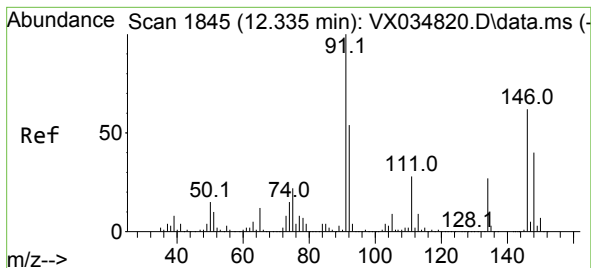
Tgt Ion: 117 Resp: 1050

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#

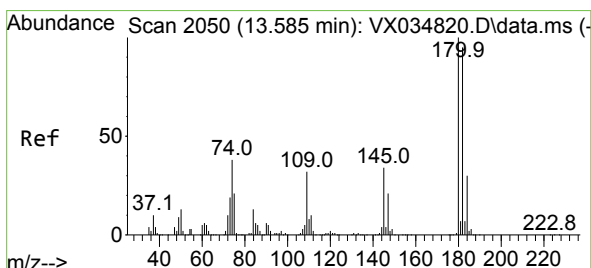
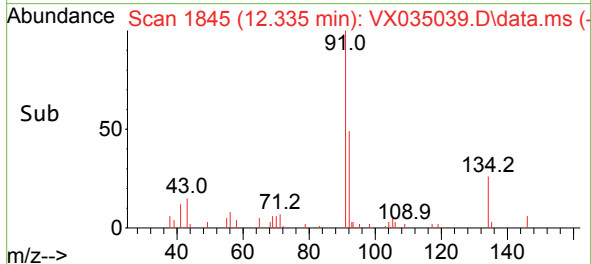
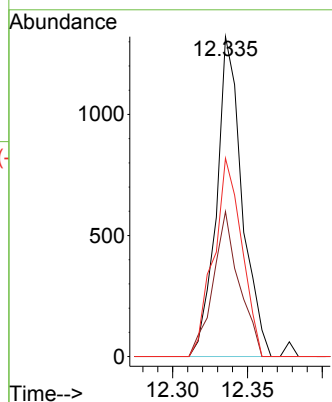
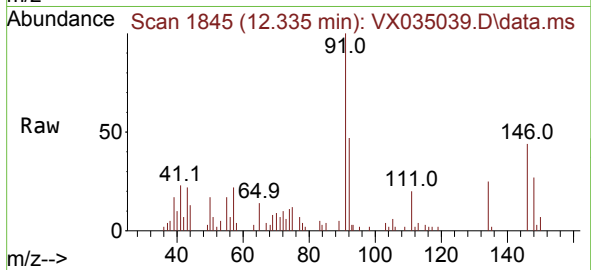




#91
1,2-Dichlorobenzene
Concen: 0.246 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

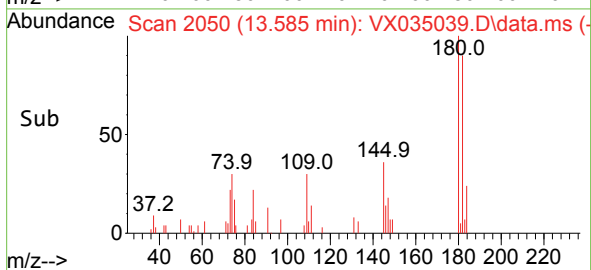
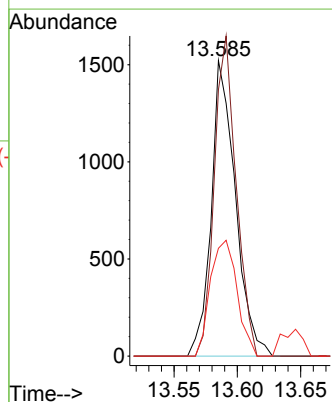
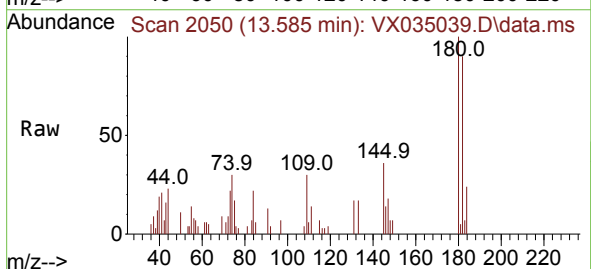
Instrument :
MSVOA_X
ClientSampleId :
GROUND-WATER

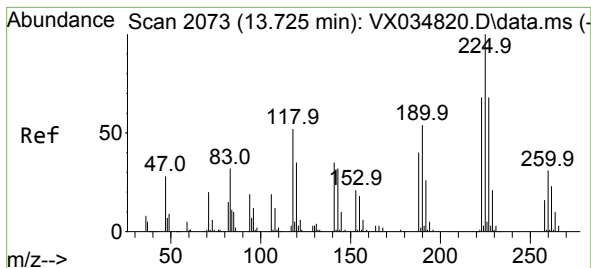
Tgt Ion:146 Resp: 1576
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 67.7 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.558 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035039.D
Acq: 12 Apr 2023 12:16

Tgt Ion:180 Resp: 2025
Ion Ratio Lower Upper
180 100
182 97.9 47.0 141.0
145 43.2 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.299 ug/l

RT: 13.725 min Scan# 2072

Delta R.T. 0.000 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

GROUND-WATER

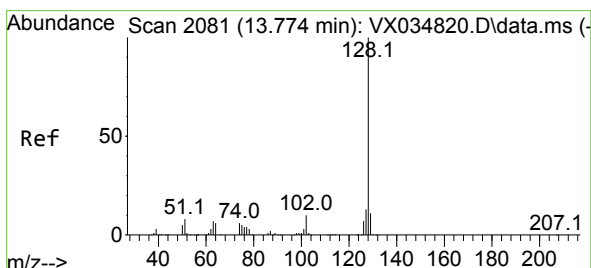
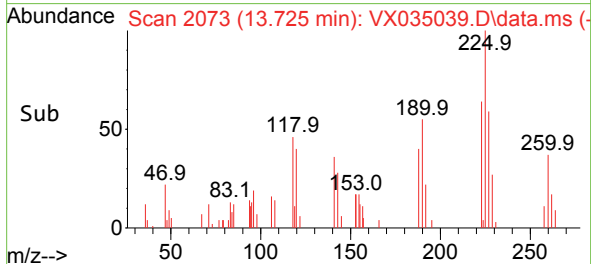
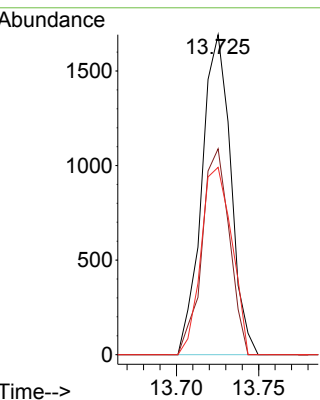
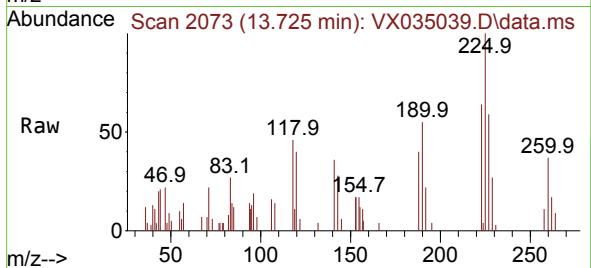
Tgt Ion:225 Resp: 2072

Ion Ratio Lower Upper

225 100

223 61.0 32.1 96.5

227 62.1 31.8 95.4



#95

Naphthalene

Concen: 0.354 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035039.D

Acq: 12 Apr 2023 12:16

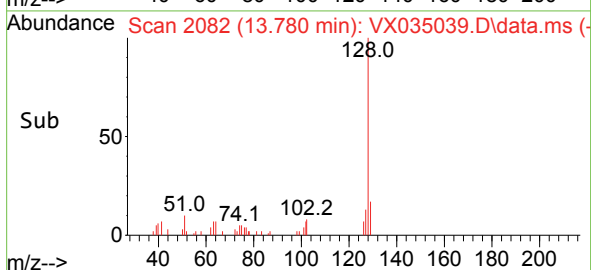
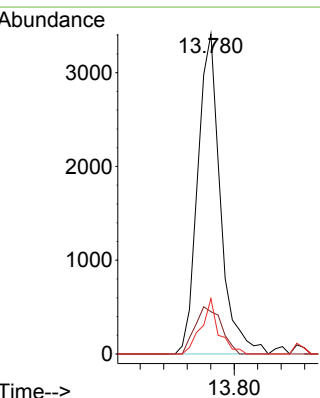
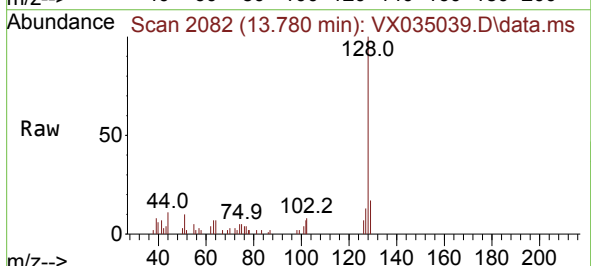
Tgt Ion:128 Resp: 4563

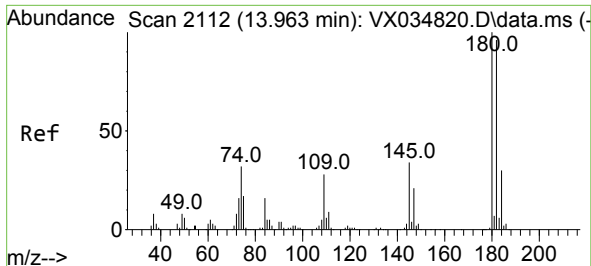
Ion Ratio Lower Upper

128 100

127 17.3 10.2 15.4#

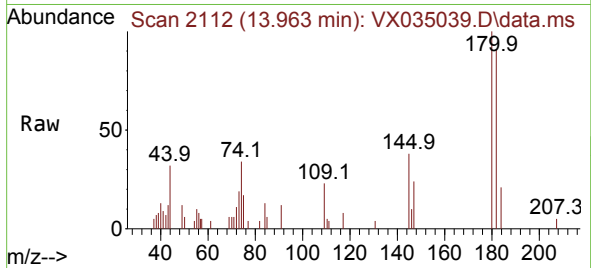
129 13.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.524 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035039.D
 Acq: 12 Apr 2023 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUND-WATER



Tgt Ion:180 Resp: 1915
 Ion Ratio Lower Upper
 180 100
 182 84.8 48.0 144.2
 145 36.4 17.7 53.1

