

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026737.D
 Acq On : 02 Feb 2022 15:24
 Operator : JC/MD
 Sample : N1357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Feb 03 03:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	123684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78791	45.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.397	113	64874	48.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	239925	49.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	87498	50.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.760%

Target Compounds				Qvalue		
4) Vinyl Chloride	1.379	62	12606	8.968	ug/l	100
8) Diethyl Ether	2.135	74	87276	111.131	ug/l	96
10) Methyl Iodide	2.465	142	305	4.636	ug/l #	66
11) Tert butyl alcohol	2.971	59	2417	10.056	ug/l #	84
12) 1,1-Dichloroethene	2.318	96	263	0.204	ug/l	90
13) Acrolein	2.239	56	107	0.419	ug/l #	1
14) Allyl chloride	2.654	41	1077	0.453	ug/l #	41
16) Acetone	2.385	43	108769	123.447	ug/l	95
17) Carbon Disulfide	2.519	76	808	0.214	ug/l #	74
18) Methyl Acetate	2.708	43	829	0.473	ug/l #	53
20) Methylene Chloride	2.794	84	350	0.240	ug/l #	89
21) trans-1,2-Dichloroethene	3.099	96	1451	1.038	ug/l	94
24) 1,1-Dichloroethane	3.617	63	15572	5.976	ug/l	98
25) 2-Butanone	4.562	43	43869	38.285	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	125219	78.460	ug/l	88
29) Tetrahydrofuran	5.025	42	321	0.472	ug/l #	62
31) Cyclohexane	5.488	56	1413	0.554	ug/l #	81
36) 1,1-Dichloropropene	5.556	75	9189	4.333	ug/l #	50
37) Ethyl Acetate	4.720	43	4310	2.009	ug/l #	75
38) Carbon Tetrachloride	5.556	117	12531	5.744	ug/l #	16
39) Methylcyclohexane	7.378	83	1680	0.657	ug/l	88
40) Benzene	6.043	78	308171	52.572	ug/l	100
41) Methacrylonitrile	5.007	41	338	0.278	ug/l #	28
42) 1,2-Dichloroethane	6.092	62	9212	4.017	ug/l	95
44) Trichloroethene	7.128	130	10875	6.538	ug/l	98
49) 1,4-Dioxane	7.695	88	24	0.852	ug/l #	1
51) 4-Methyl-2-Pentanone	8.573	43	7913	3.850	ug/l	98
52) Toluene	8.720	92	756695	210.504	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	8414	5.514	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	480	0.342	ug/l #	15
59) 2-Hexanone	9.433	43	2456	1.561	ug/l	92
60) Dibromochloromethane	9.274	129	3043	2.082	ug/l #	11
64) Tetrachloroethene	9.274	164	3120	1.801	ug/l	91
65) Chlorobenzene	10.079	112	23751	6.149	ug/l	99
67) Ethyl Benzene	10.195	91	347201	49.467	ug/l	99
68) m/p-Xylenes	10.305	106	175510	66.819	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

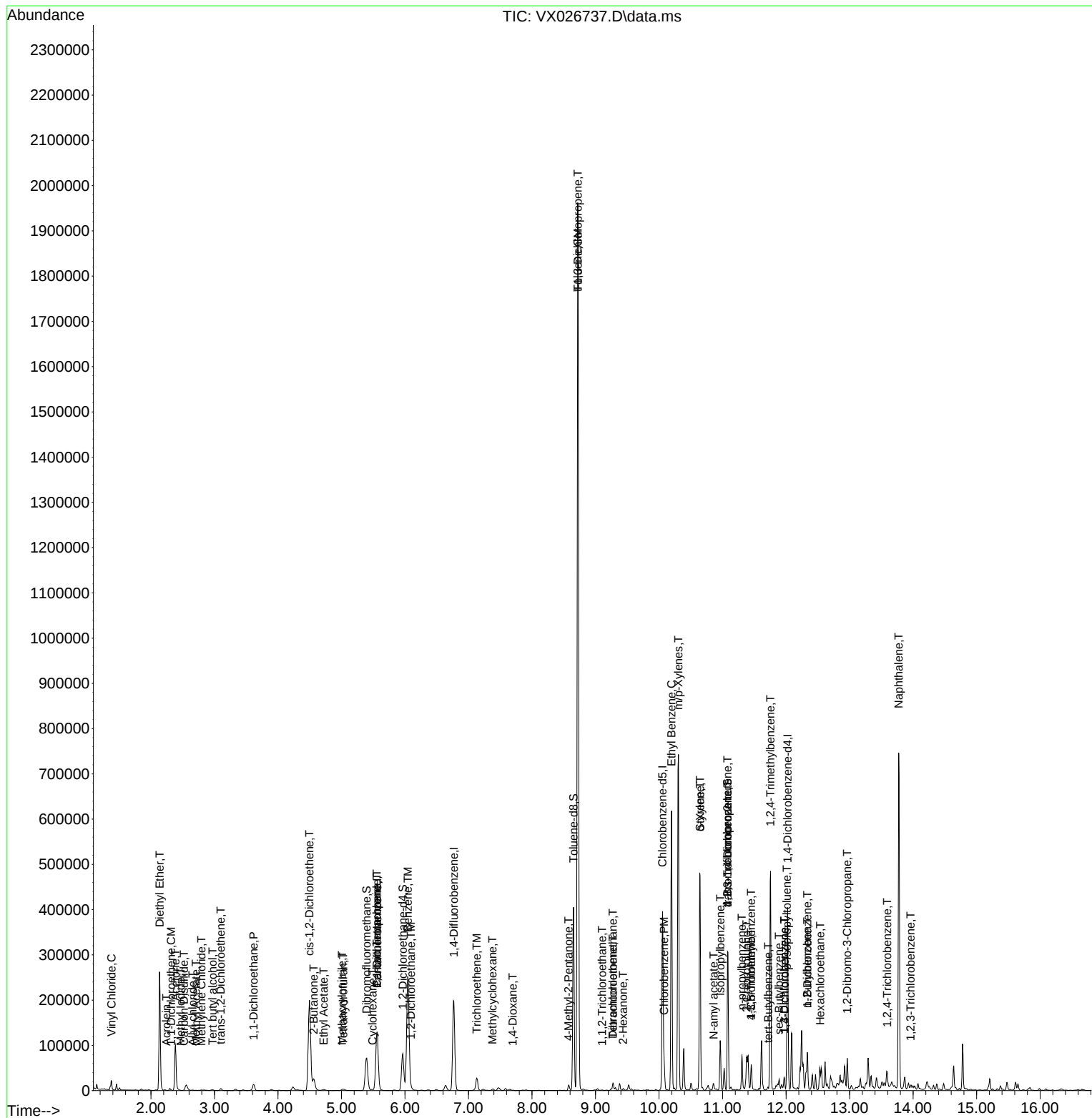
69) o-Xylene	10.646	106	107589	42.449	ug/l	98
70) Styrene	10.646	104	6869	1.661	ug/l #	1
73) Isopropylbenzene	10.963	105	54949	8.313	ug/l	98
74) N-amyl acetate	10.859	43	1303	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43023	24.232	ug/l #	41
78) n-propylbenzene	11.305	91	45473	6.033	ug/l	99
79) 2-Chlorotoluene	11.378	91	11971	2.619	ug/l #	61
80) 1,3,5-Trimethylbenzene	11.451	105	22448	4.120	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	43023	73.810	ug/l #	3
82) 4-Chlorotoluene	11.451	91	3715	0.707	ug/l #	70
83) tert-Butylbenzene	11.719	119	2684	0.528	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	210281	38.582	ug/l	97
85) sec-Butylbenzene	11.890	105	8537	1.297	ug/l	95
86) p-Isopropyltoluene	12.012	119	4717	0.854	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	1279	0.451	ug/l	87
88) 1,4-Dichlorobenzene	11.975	146	1279	0.445	ug/l	85
89) n-Butylbenzene	12.335	91	9665	2.040	ug/l #	67
90) Hexachloroethane	12.536	117	1647	3.887	ug/l #	14
91) 1,2-Dichlorobenzene	12.335	146	18157	6.769	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.963	75	316	0.737	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	4464	2.596	ug/l	90
95) Naphthalene	13.774	128	466509	81.332	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1383	0.818	ug/l #	87

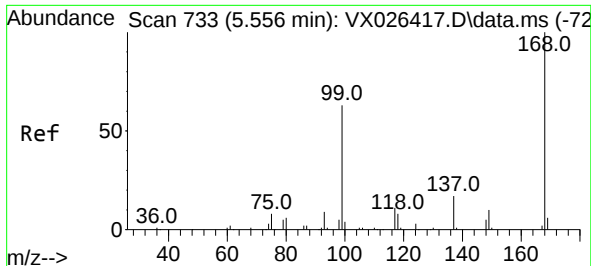
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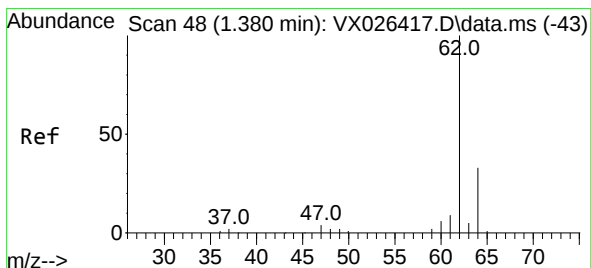
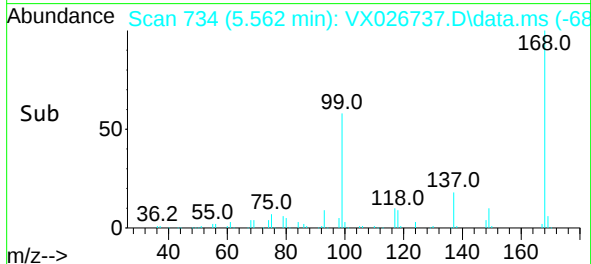
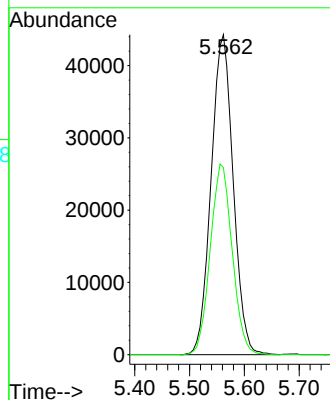
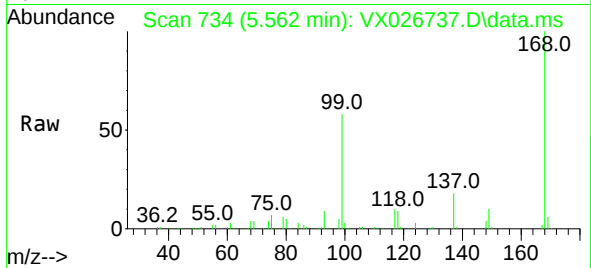




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

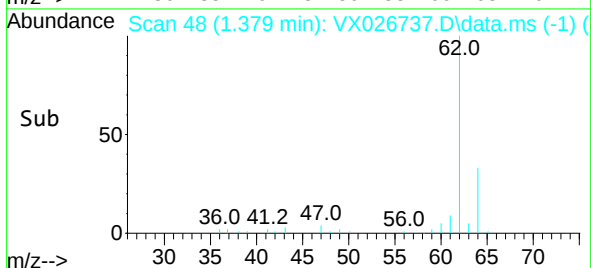
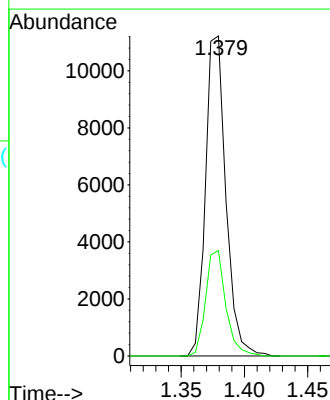
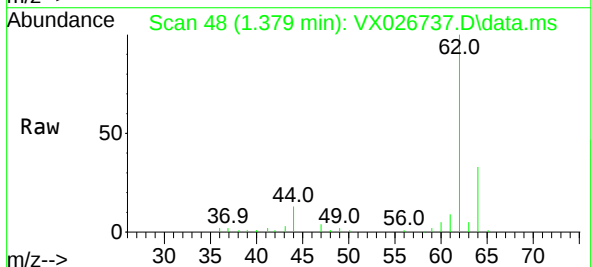
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

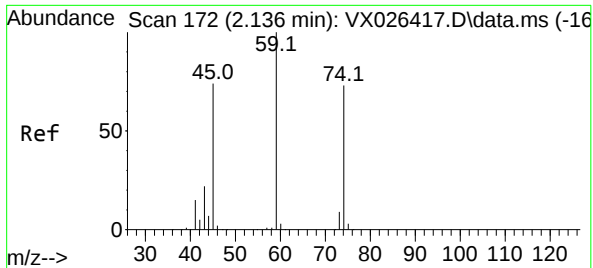
Tgt Ion:168 Resp: 123684
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#4
Vinyl Chloride
Concen: 8.968 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 62 Resp: 12606
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2

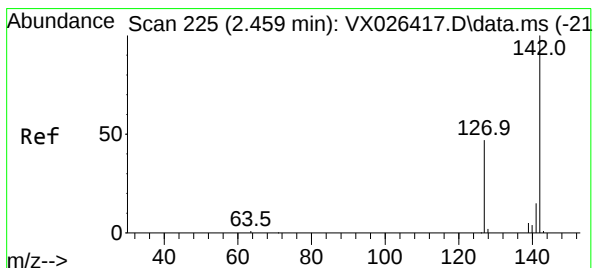
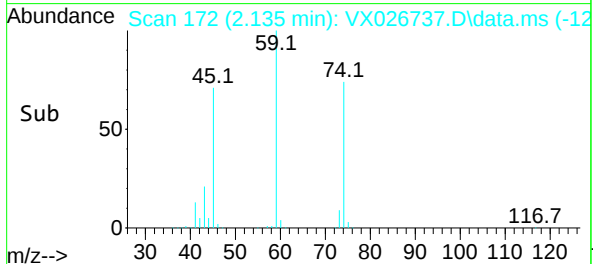
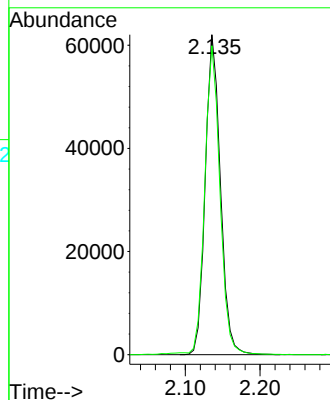
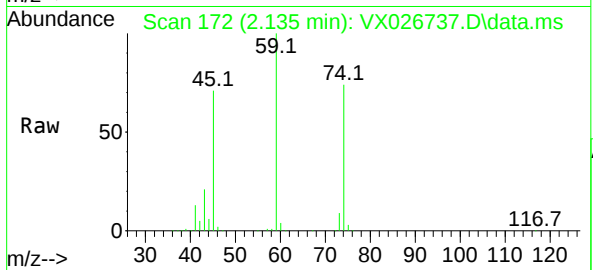




#8
Diethyl Ether
Concen: 111.131 ug/l
RT: 2.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

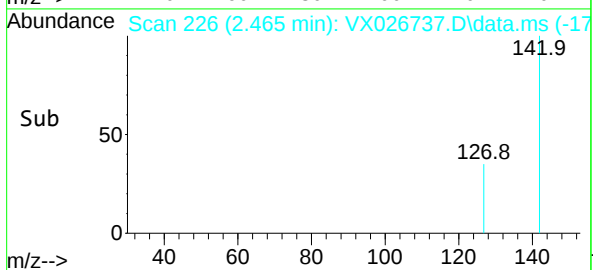
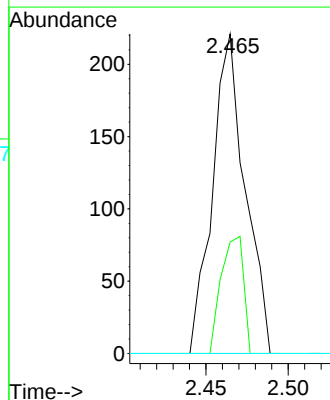
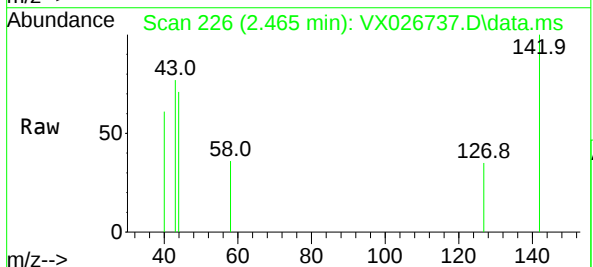
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

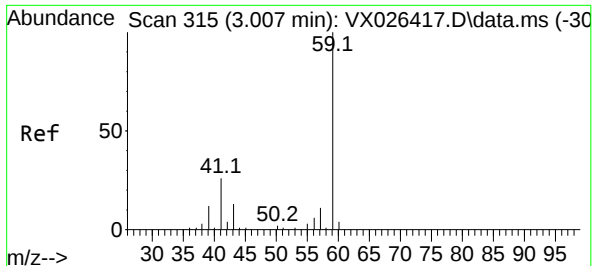
Tgt Ion: 74 Resp: 87276
Ion Ratio Lower Upper
74 100
45 97.8 50.7 152.1



#10
Methyl Iodide
Concen: 4.636 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 142 Resp: 305
Ion Ratio Lower Upper
142 100
127 24.9 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 10.056 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.036 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

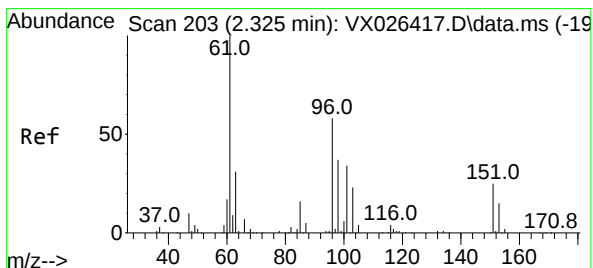
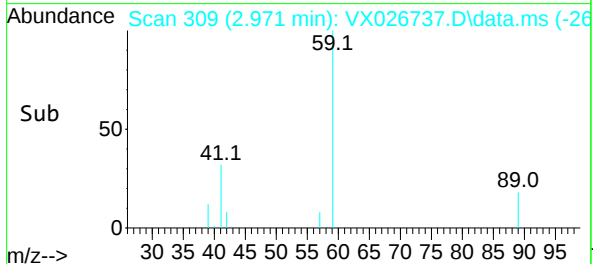
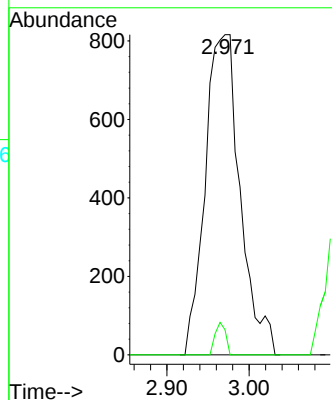
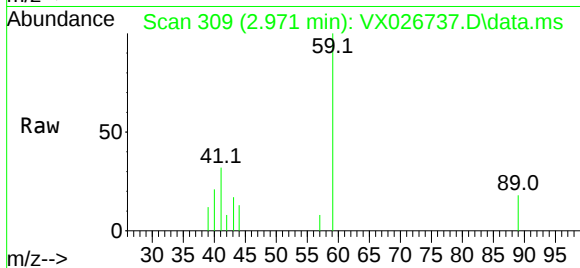
GROUNDWATER

Tgt Ion: 59 Resp: 2417

Ion Ratio Lower Upper

59 100

57 3.1 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 0.204 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

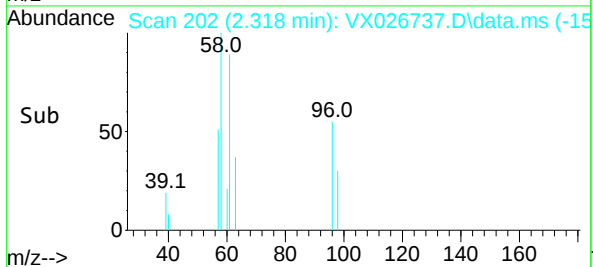
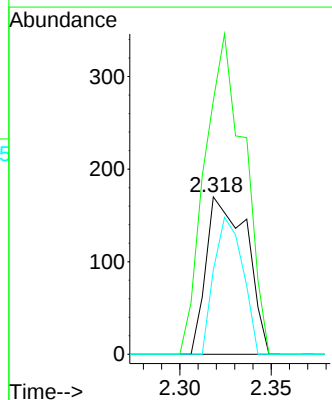
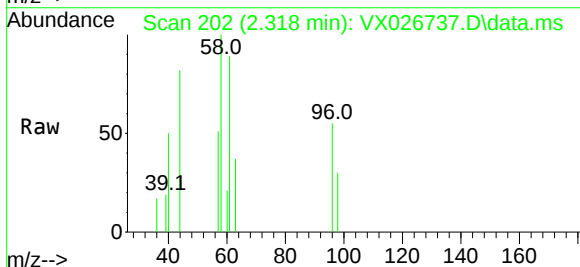
Tgt Ion: 96 Resp: 263

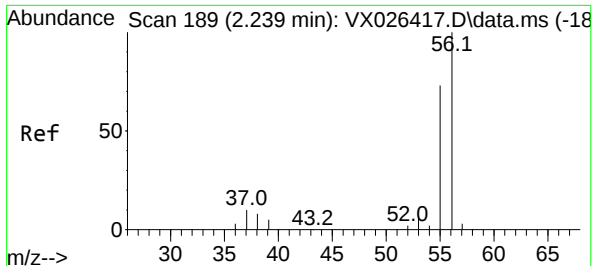
Ion Ratio Lower Upper

96 100

61 161.2 138.5 207.7

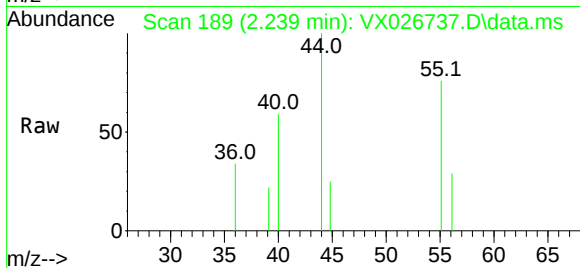
98 53.5 51.8 77.6



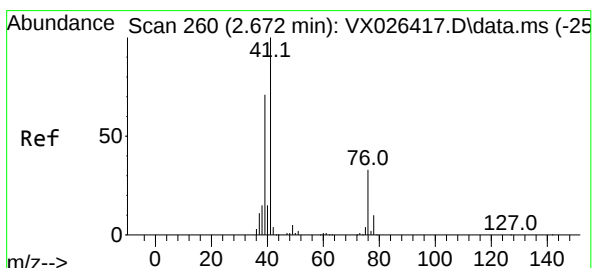
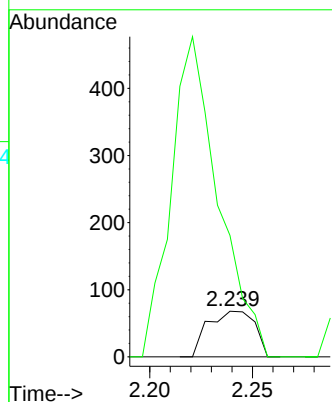
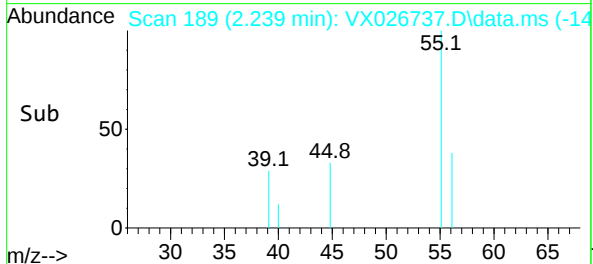


#13
Acrolein
Concen: 0.419 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

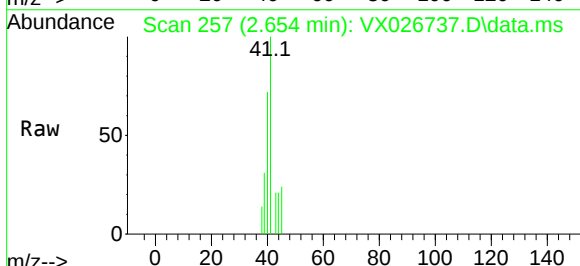
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER



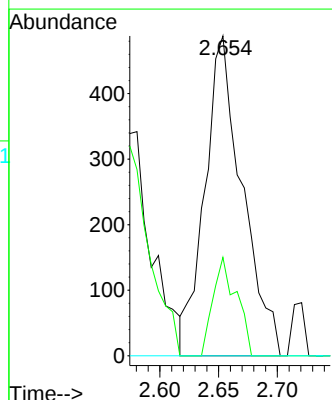
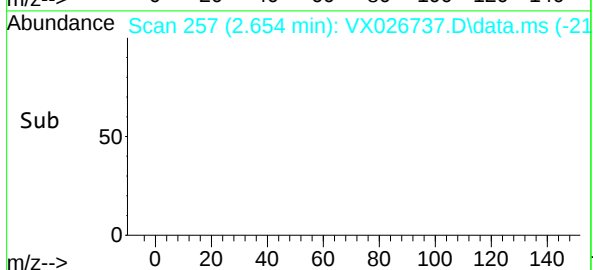
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 713.1 56.9 85.3#

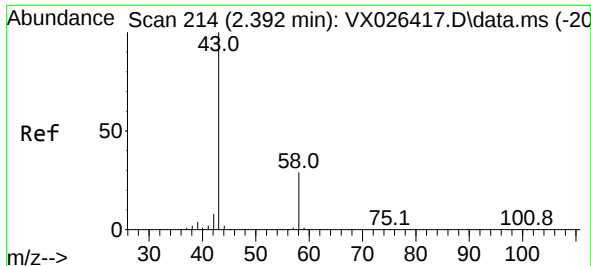


#14
Allyl chloride
Concen: 0.453 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.019 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24



Tgt Ion: 41 Resp: 1077
Ion Ratio Lower Upper
41 100
39 19.3 54.2 81.4#
76 0.0 25.2 37.8#

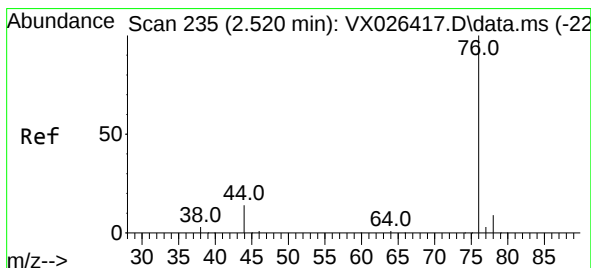
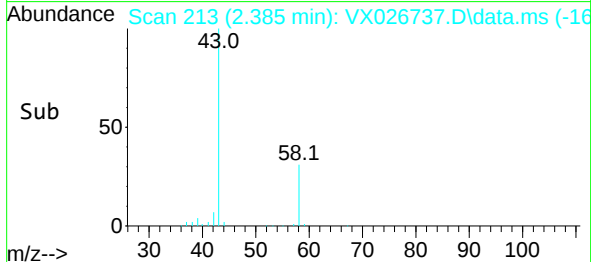
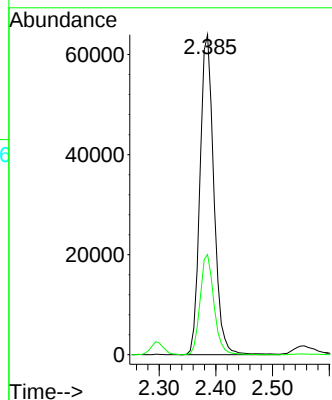
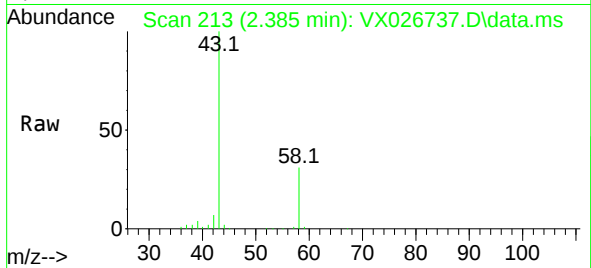




#16
Acetone
Concen: 123.447 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

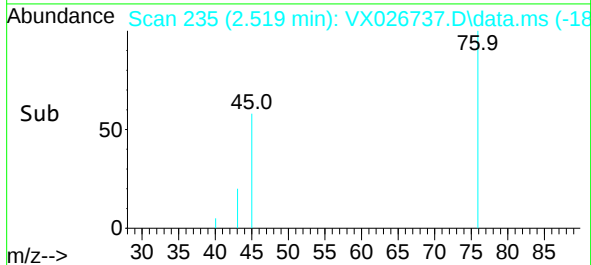
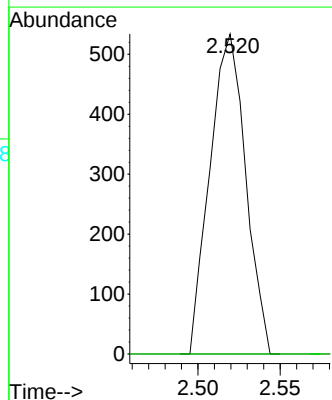
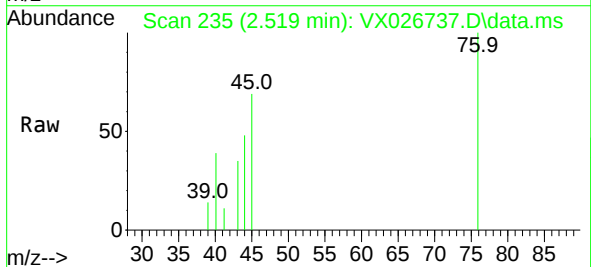
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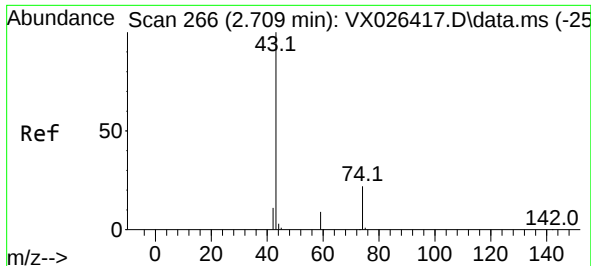
Tgt Ion: 43 Resp: 108769
Ion Ratio Lower Upper
43 100
58 31.3 23.0 34.6



#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.519 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 76 Resp: 808
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

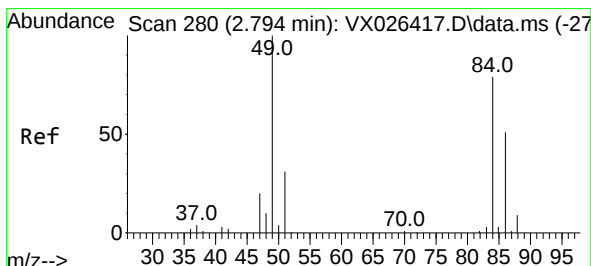
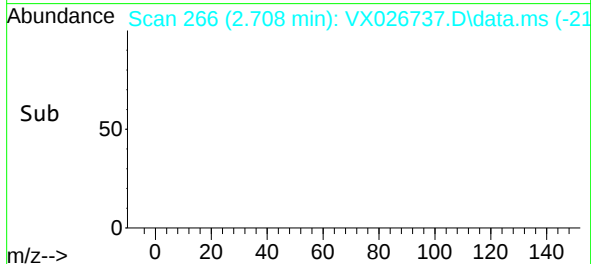
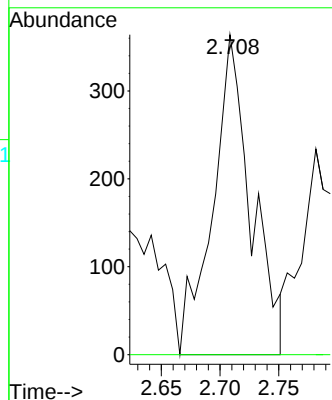
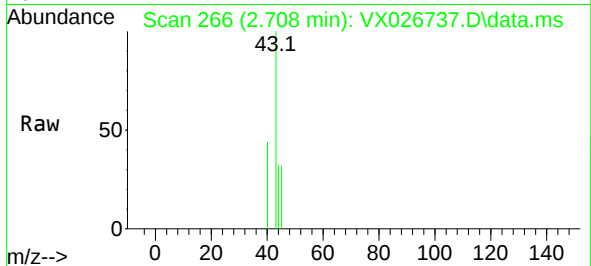




#18
Methyl Acetate
Concen: 0.473 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.000 min
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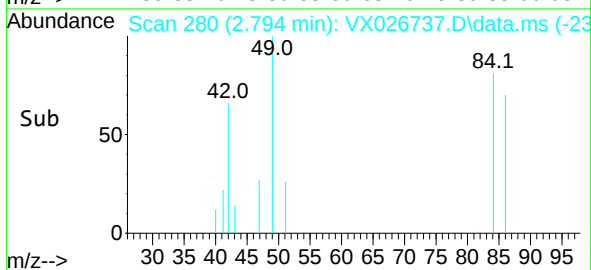
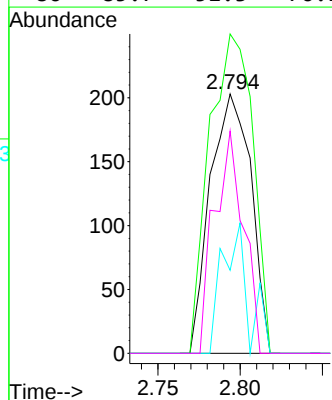
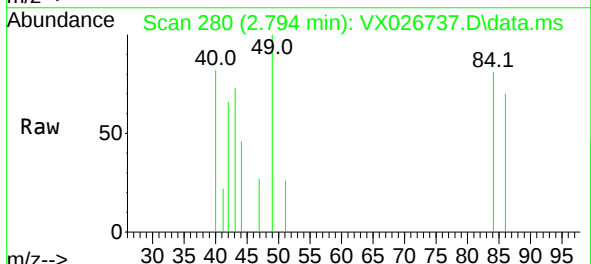
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

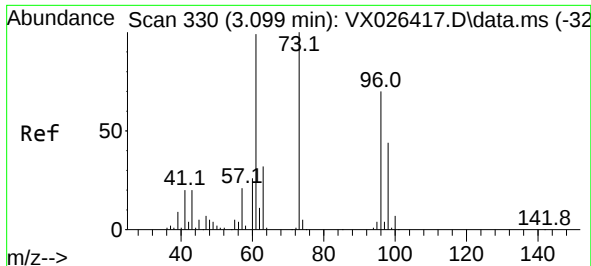
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 123.2 101.5 152.3
51 32.0 31.2 46.8
86 85.7 51.3 76.9#

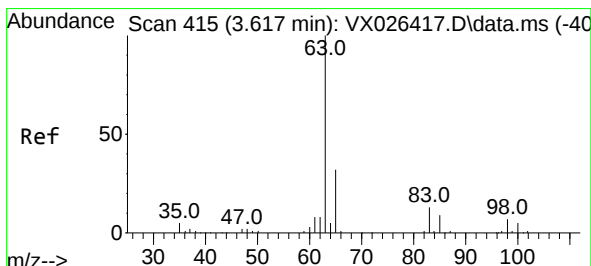
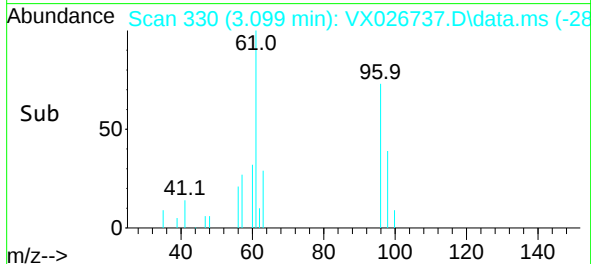
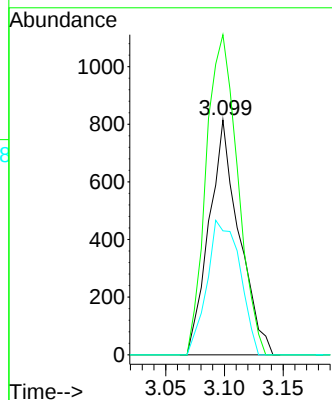
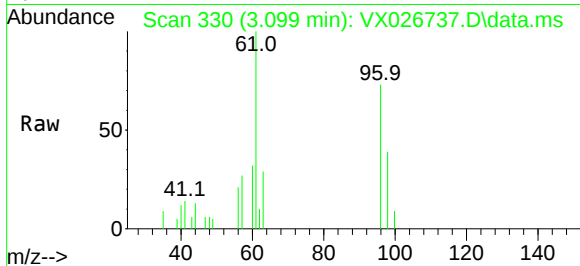




#21
trans-1,2-Dichloroethene
Concen: 1.038 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

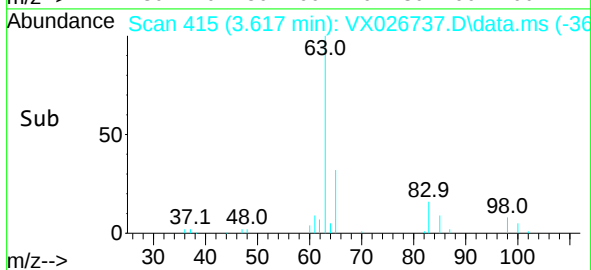
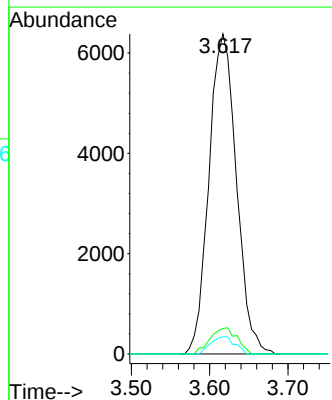
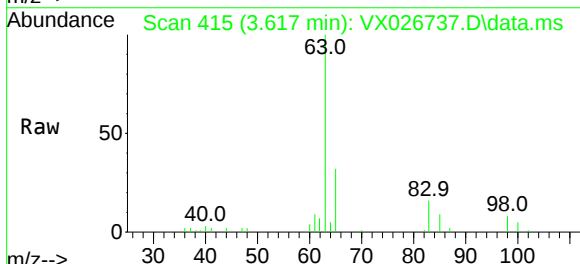
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

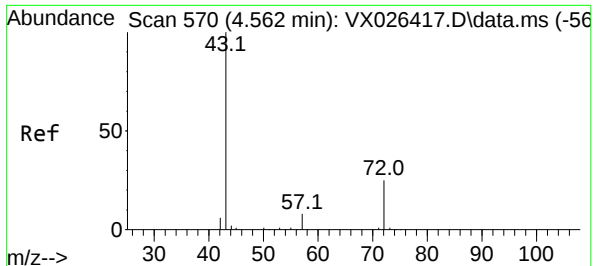
Tgt Ion: 96 Resp: 1451
Ion Ratio Lower Upper
96 100
61 136.3 112.9 169.3
98 52.8 49.5 74.3



#24
1,1-Dichloroethane
Concen: 5.976 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 63 Resp: 15572
Ion Ratio Lower Upper
63 100
98 8.0 3.7 11.1
100 5.4 2.4 7.2

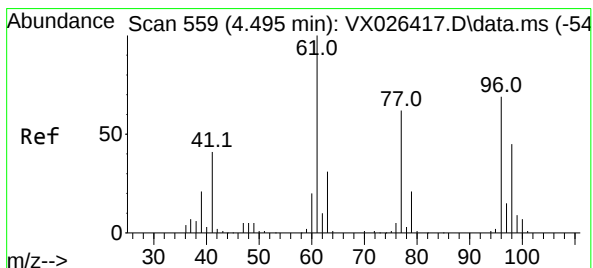
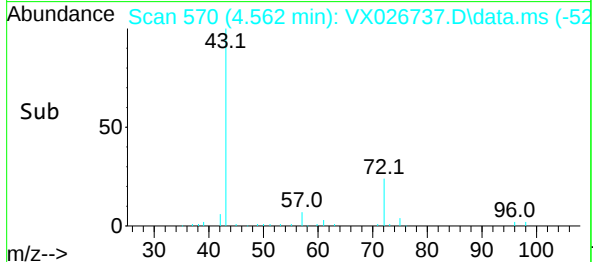
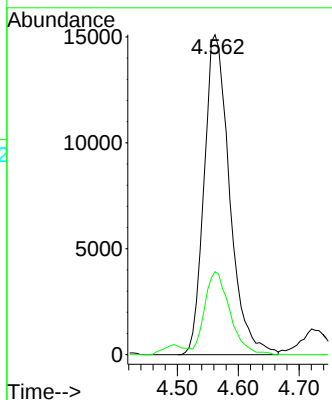
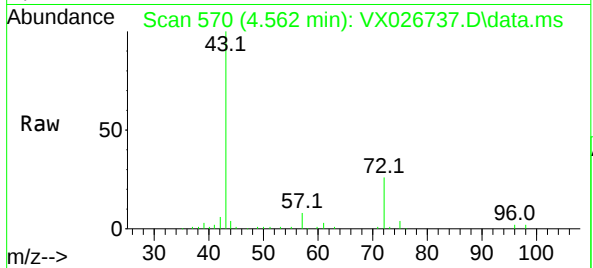




#25
2-Butanone
Concen: 38.285 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

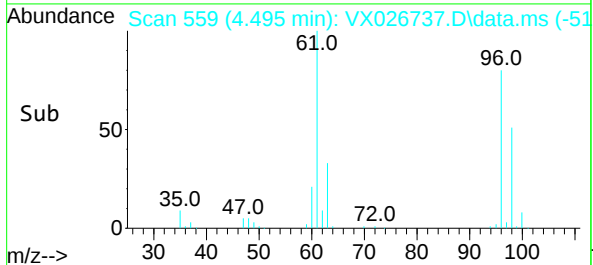
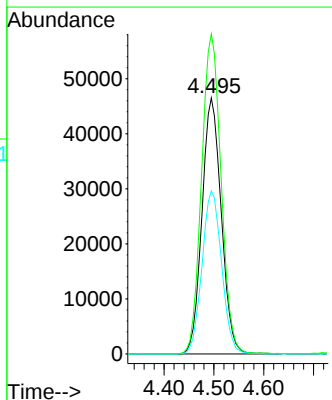
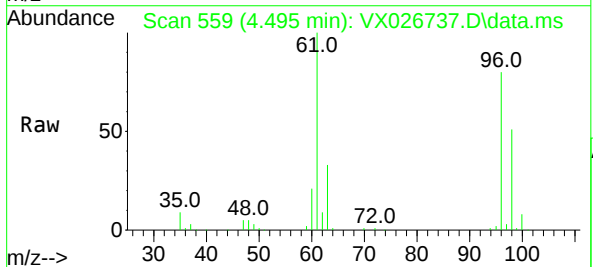
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

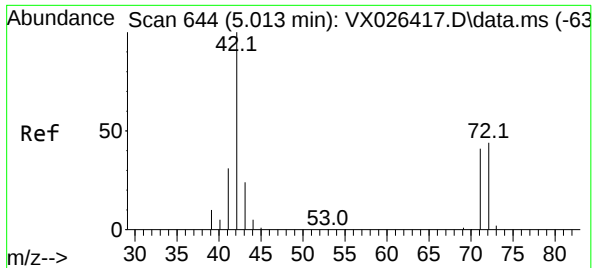
Tgt Ion: 43 Resp: 43869
Ion Ratio Lower Upper
43 100
72 26.0 20.4 30.6



#27
cis-1,2-Dichloroethene
Concen: 78.460 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 96 Resp: 125219
Ion Ratio Lower Upper
96 100
61 126.2 0.0 296.6
98 64.6 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.472 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

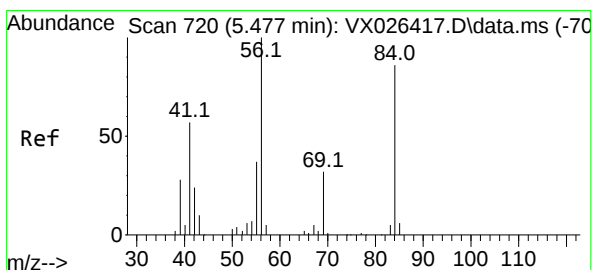
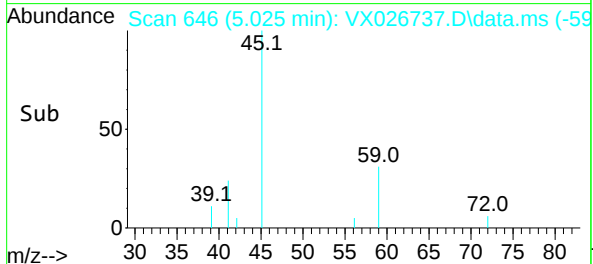
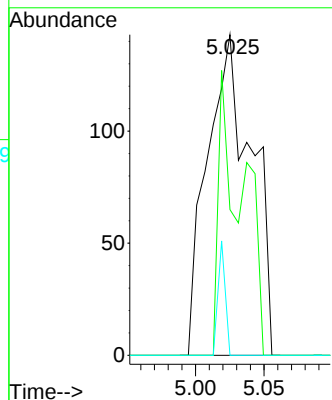
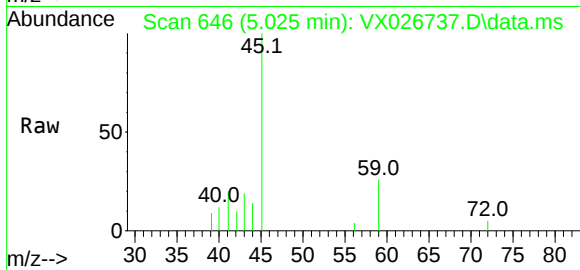
Tgt Ion: 42 Resp: 321

Ion Ratio Lower Upper

42 100

72 28.7 34.6 52.0#

71 5.9 31.8 47.8#



#31

Cyclohexane

Concen: 0.554 ug/l

RT: 5.488 min Scan# 722

Delta R.T. 0.012 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

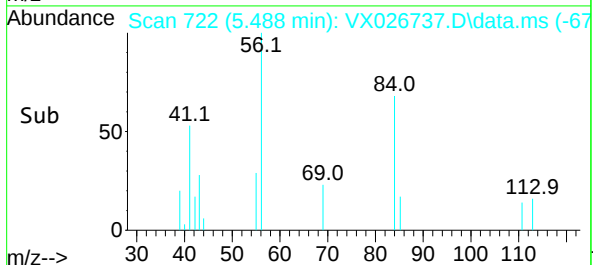
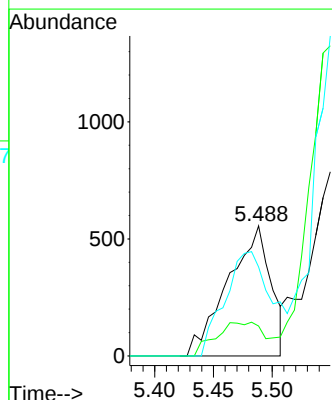
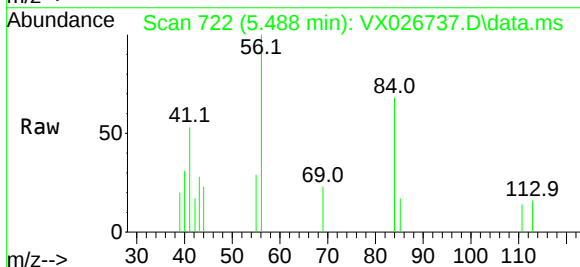
Tgt Ion: 56 Resp: 1413

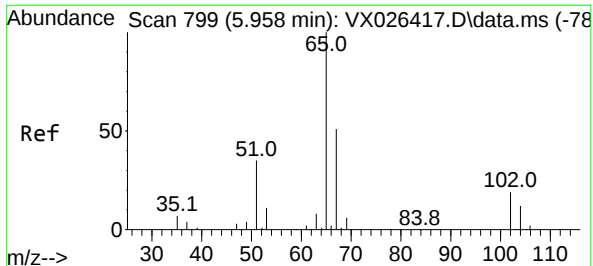
Ion Ratio Lower Upper

56 100

69 23.0 25.8 38.6#

84 68.3 68.9 103.3#

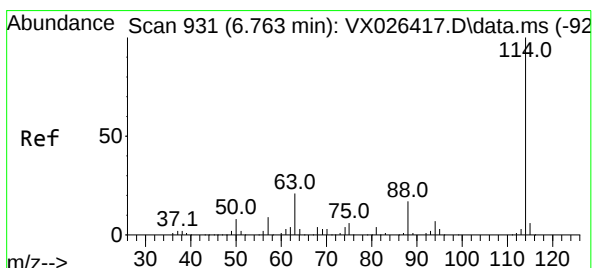
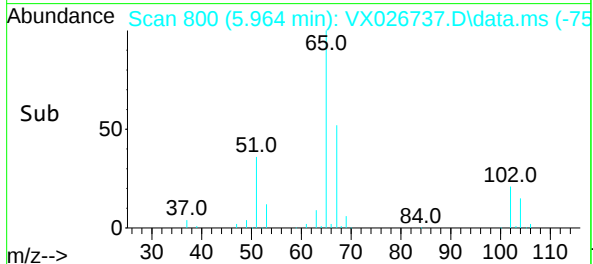
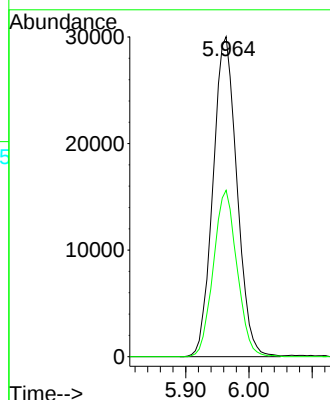
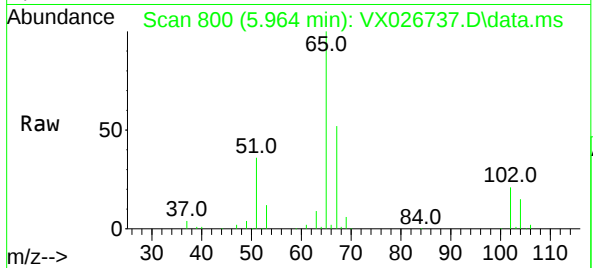




#33
 1,2-Dichloroethane-d4
 Concen: 45.603 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026737.D
 Acq: 02 Feb 2022 15:24

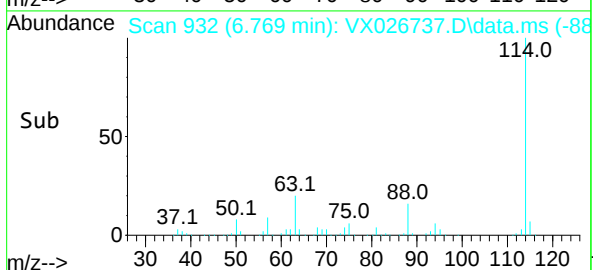
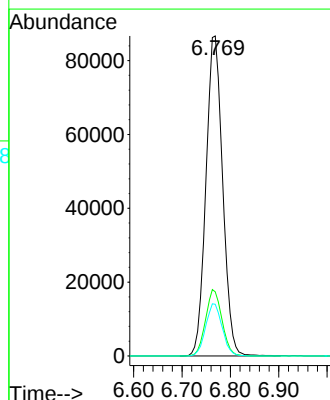
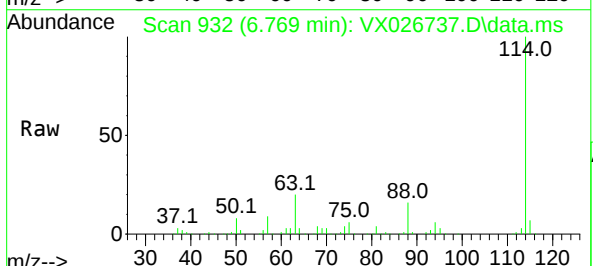
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

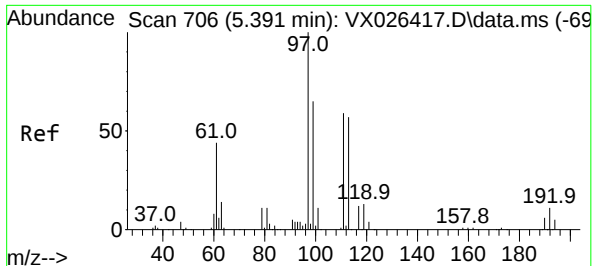
Tgt Ion: 65 Resp: 78791
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026737.D
 Acq: 02 Feb 2022 15:24

Tgt Ion: 114 Resp: 208035
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.290 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026737.D

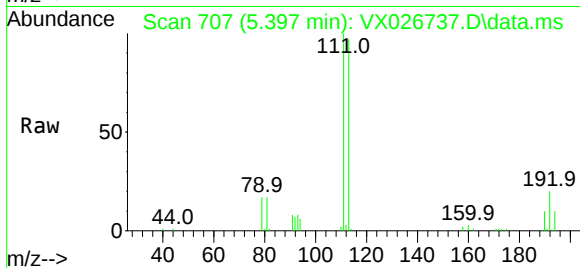
Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER



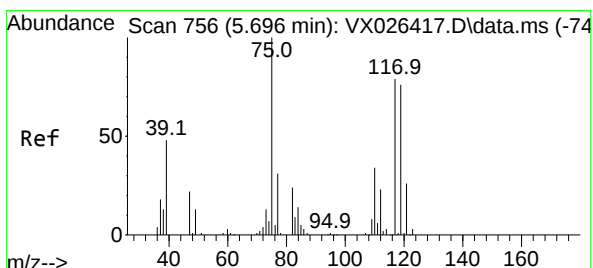
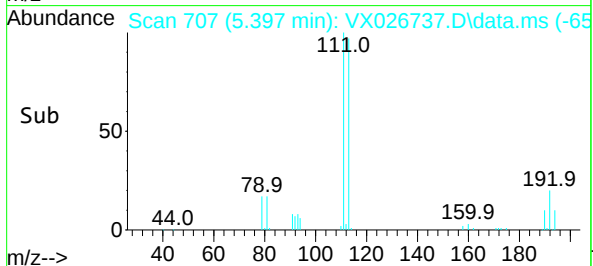
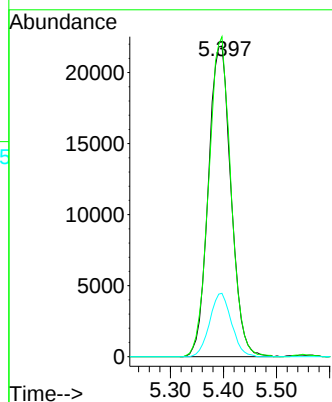
Tgt Ion:113 Resp: 64874

Ion Ratio Lower Upper

113 100

111 100.6 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.333 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

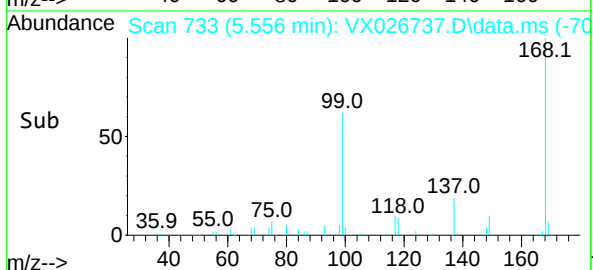
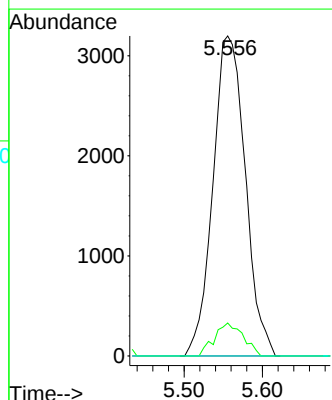
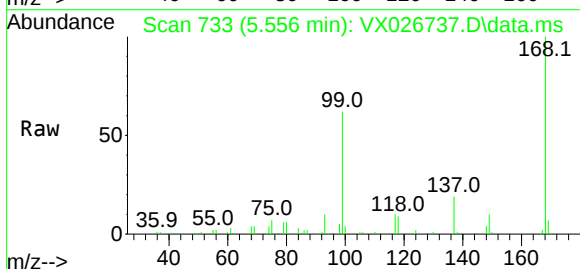
Tgt Ion: 75 Resp: 9189

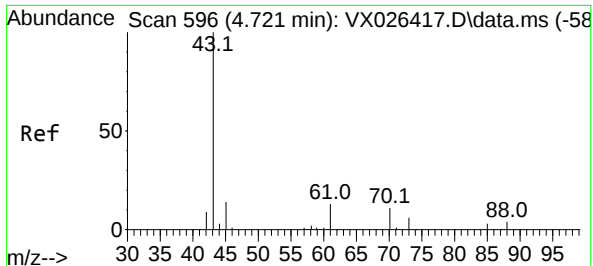
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 2.009 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

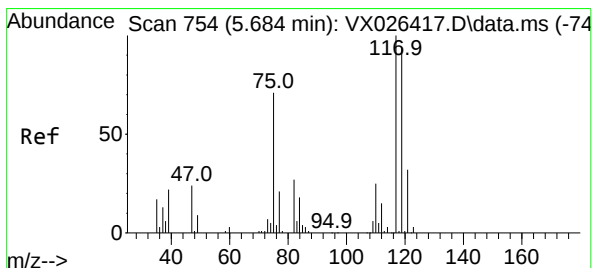
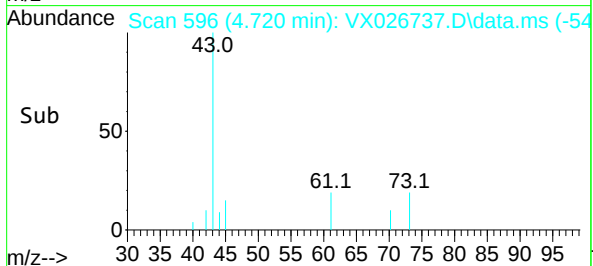
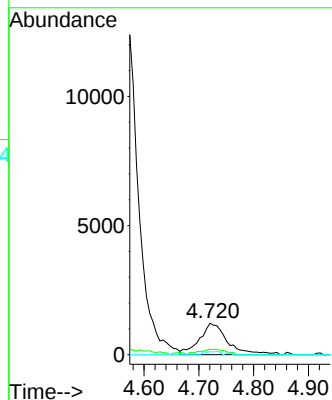
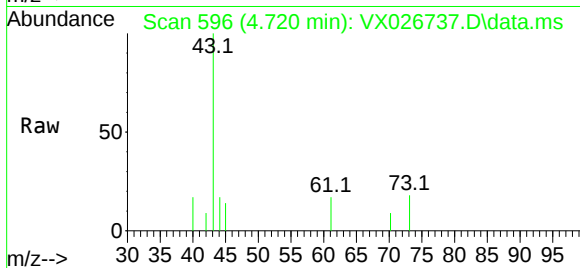
MSVOA_X

ClientSampleId :

GROUNDWATER

Tgt Ion: 43 Resp: 4310

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	5.5	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 5.556 min Scan# 733

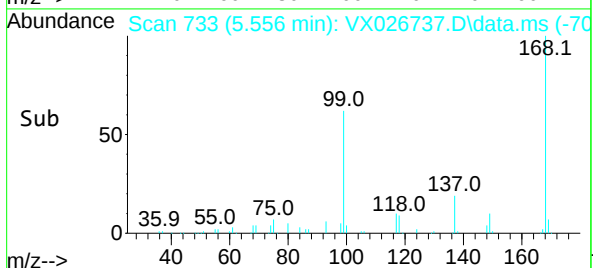
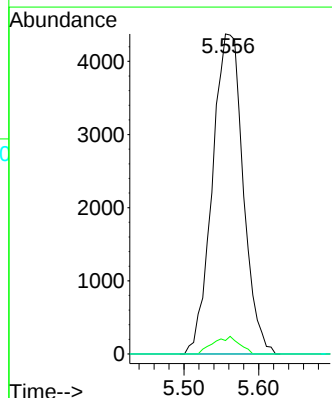
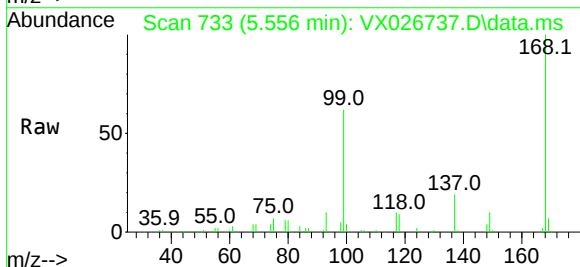
Delta R.T. -0.128 min

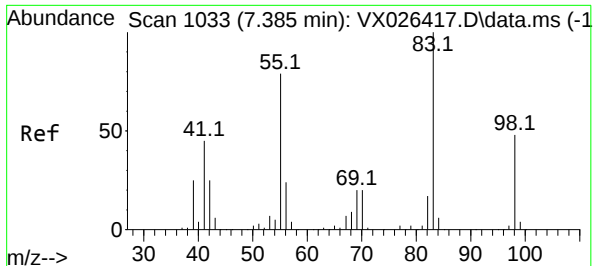
Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Tgt Ion: 117 Resp: 12531

Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.7	112.1#
121	0.0	25.4	38.0#





#39

Methylcyclohexane

Concen: 0.657 ug/l

RT: 7.378 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

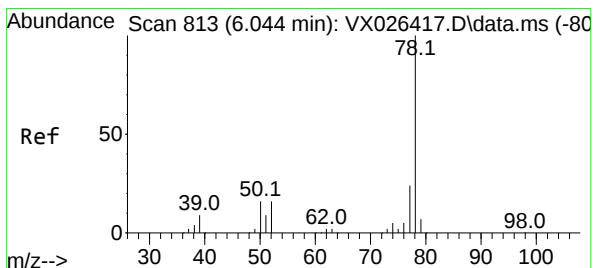
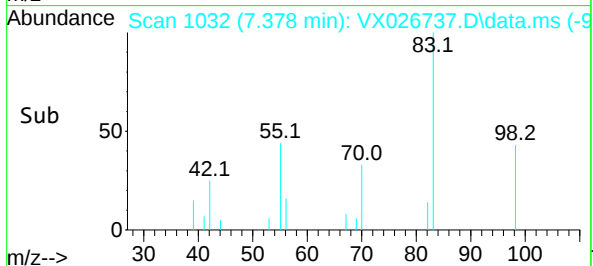
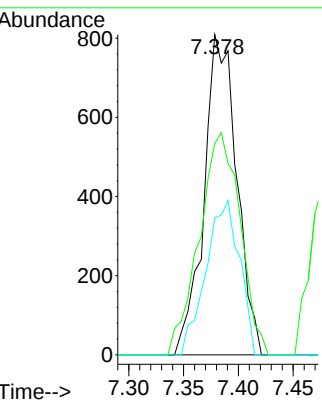
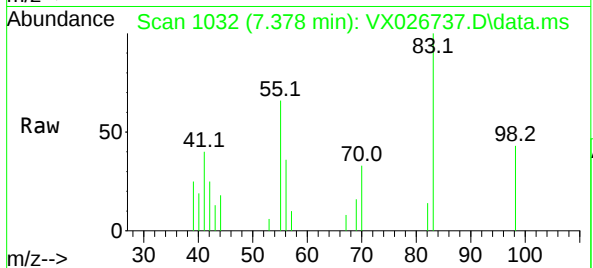
Tgt Ion: 83 Resp: 1680

Ion Ratio Lower Upper

83 100

55 66.1 63.6 95.4

98 42.8 38.4 57.6



#40

Benzene

Concen: 52.572 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026737.D

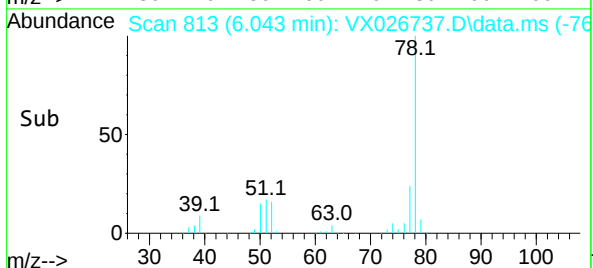
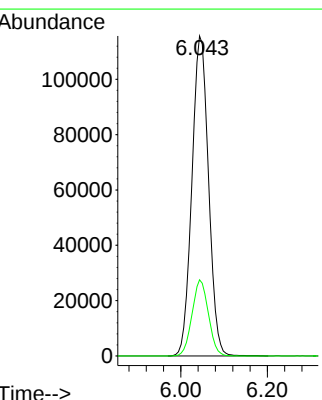
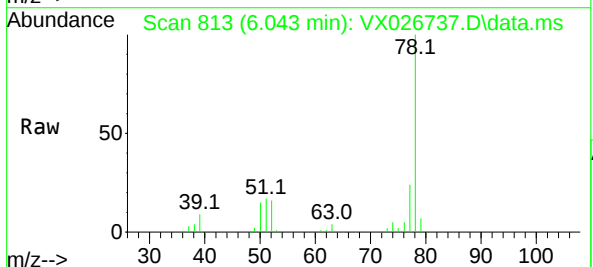
Acq: 02 Feb 2022 15:24

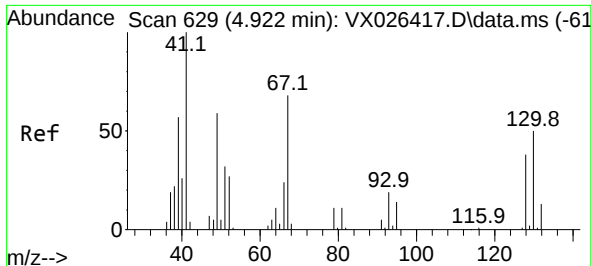
Tgt Ion: 78 Resp: 308171

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

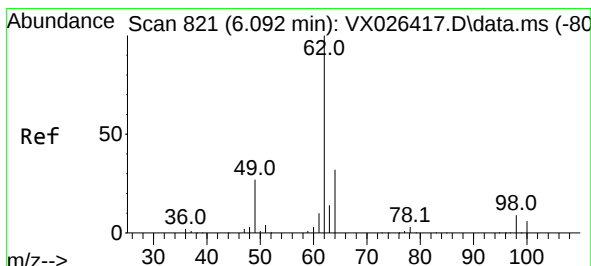
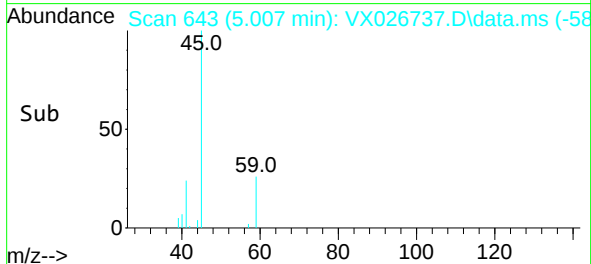
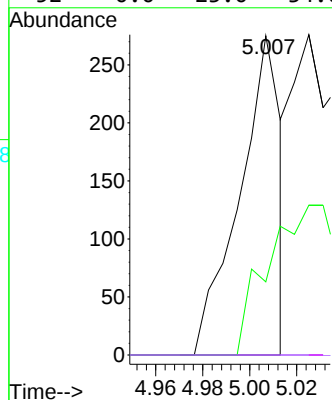
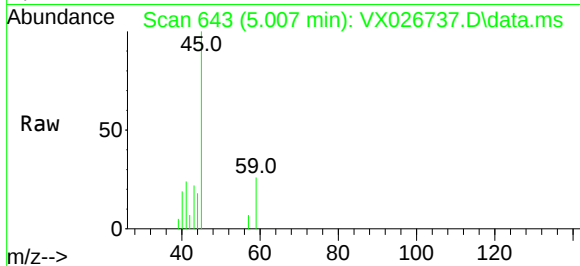




#41
Methacrylonitrile
Concen: 0.278 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

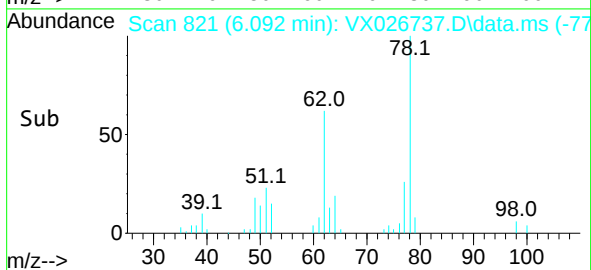
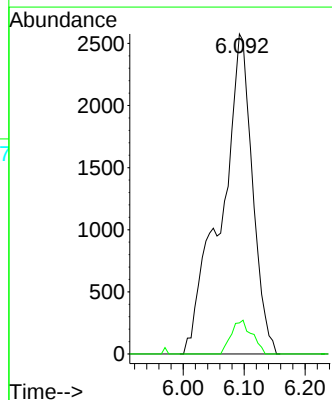
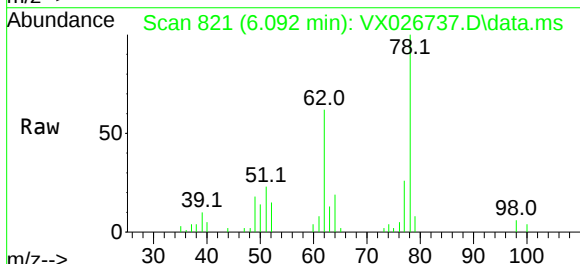
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

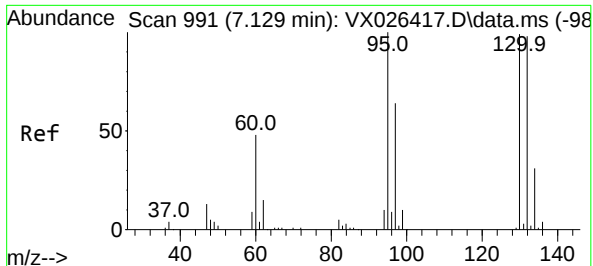
Tgt Ion: 41	Resp: 338
Ion Ratio	Lower Upper
41	100
39	105.6 45.4 68.0#
67	0.0 53.2 79.8#
52	0.0 23.0 34.6#



#42
1,2-Dichloroethane
Concen: 4.017 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 62	Resp: 9212
Ion Ratio	Lower Upper
62	100
98	6.9 0.0 17.8

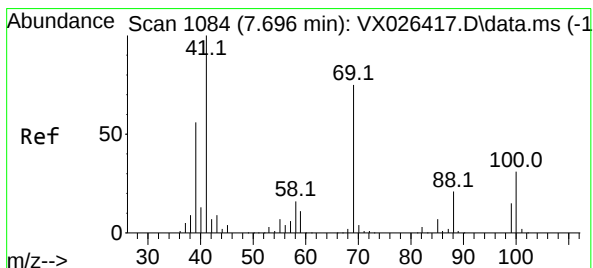
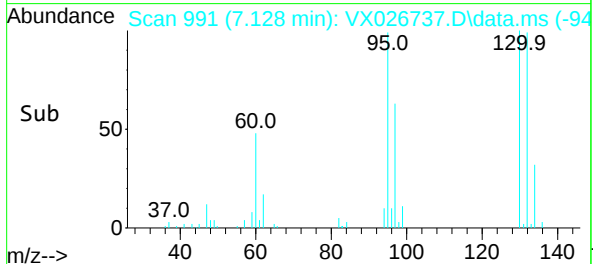
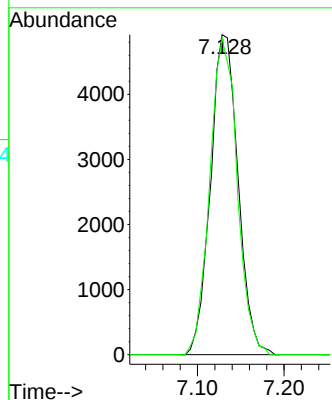
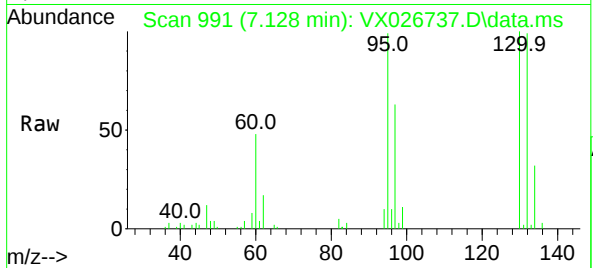




#44
Trichloroethene
Concen: 6.538 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

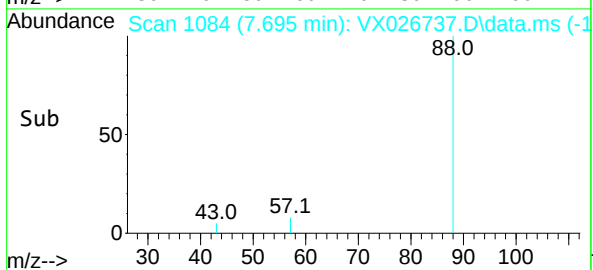
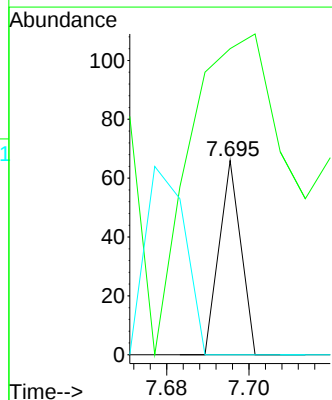
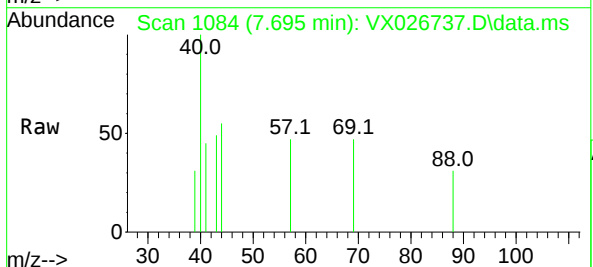
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

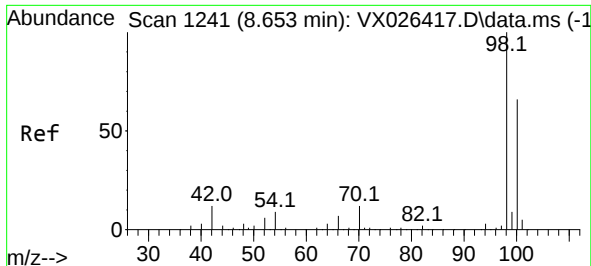
Tgt Ion:130 Resp: 10875
Ion Ratio Lower Upper
130 100
95 98.8 0.0 202.6



#49
1,4-Dioxane
Concen: 0.852 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 850.0 29.9 44.9#
58 0.0 57.8 86.6#

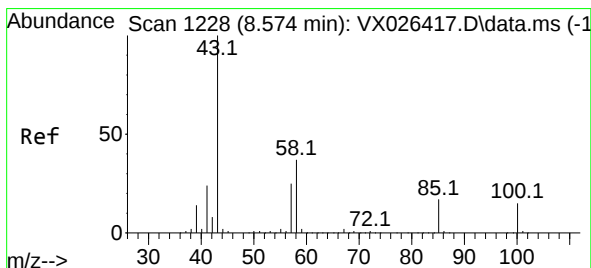
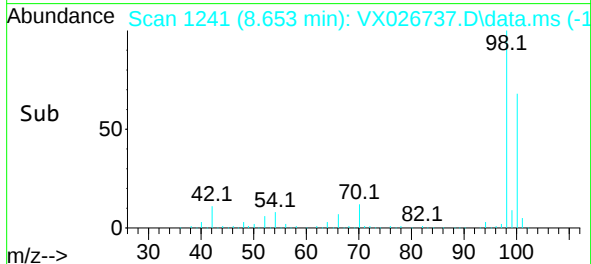
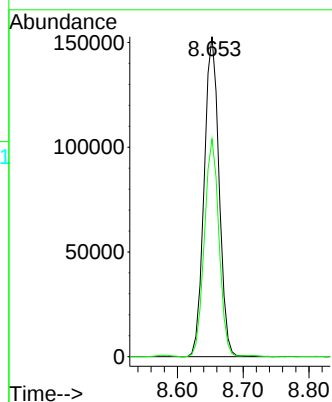
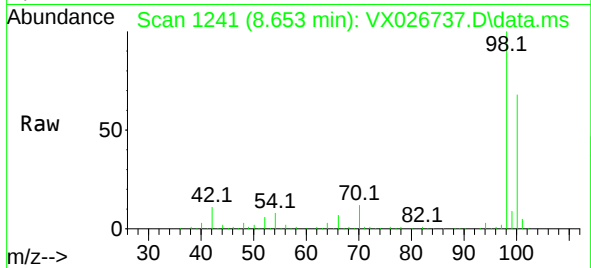




#50
Toluene-d8
Concen: 49.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

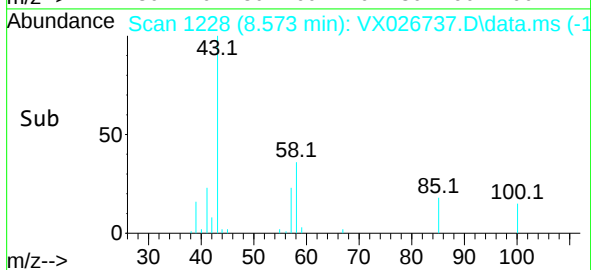
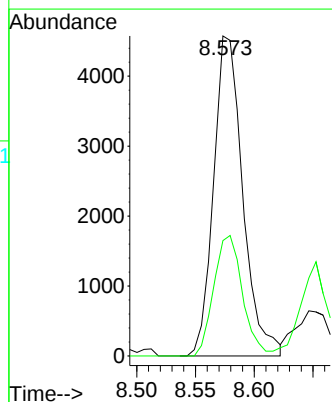
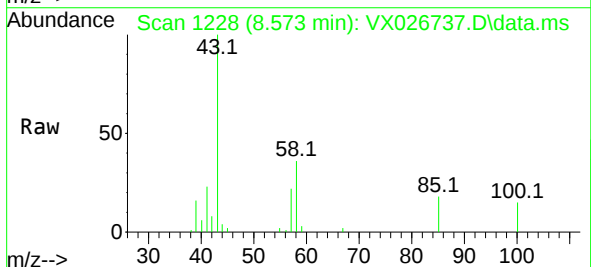
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

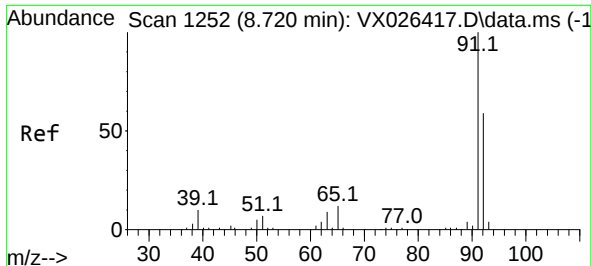
Tgt Ion: 98 Resp: 239925
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 3.850 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 43 Resp: 7913
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7

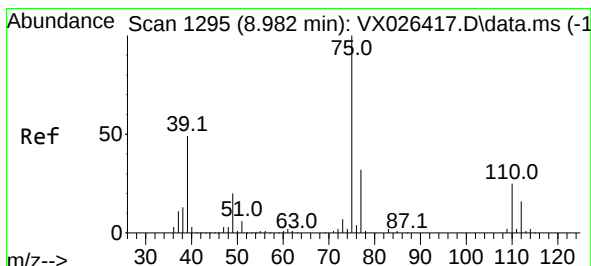
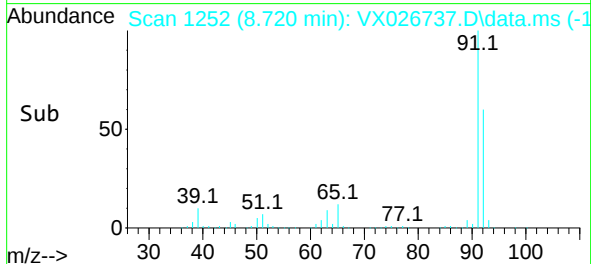
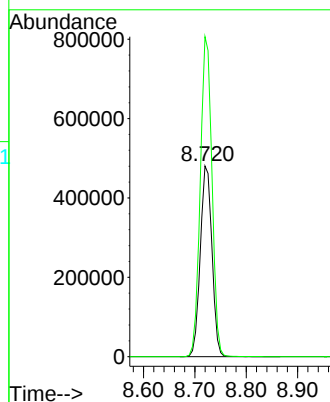
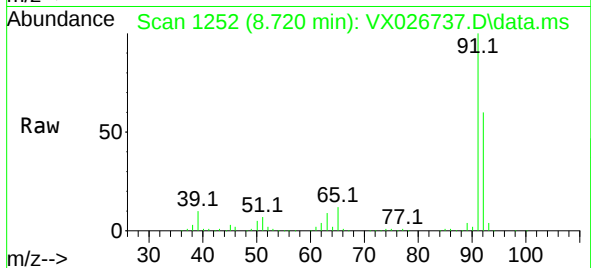




#52
Toluene
Concen: 210.504 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

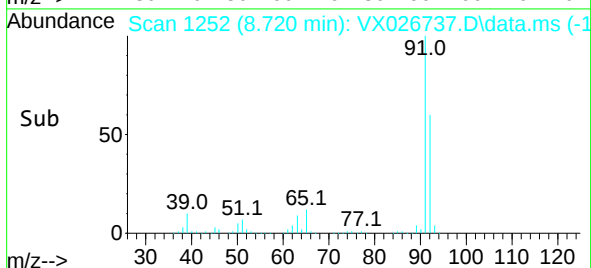
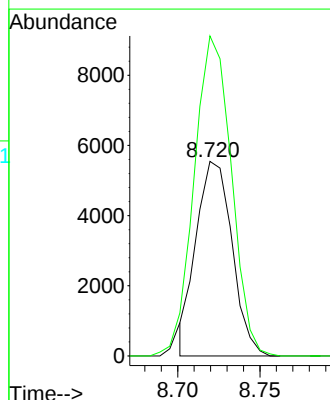
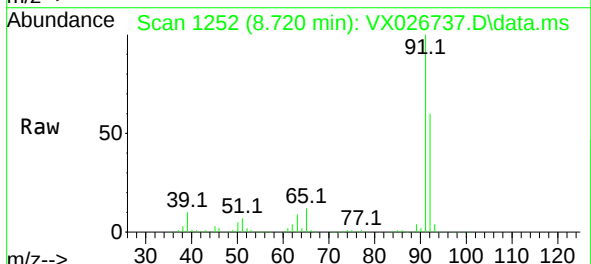
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

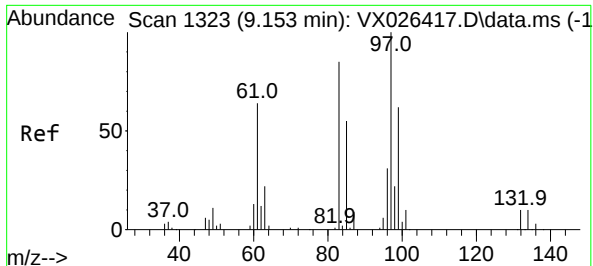
Tgt Ion: 92 Resp: 756695
Ion Ratio Lower Upper
92 100
91 167.9 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 5.514 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 75 Resp: 8414
Ion Ratio Lower Upper
75 100
77 164.5 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 0.342 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

Tgt Ion: 97 Resp: 480

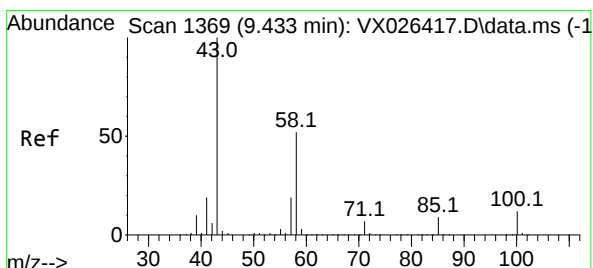
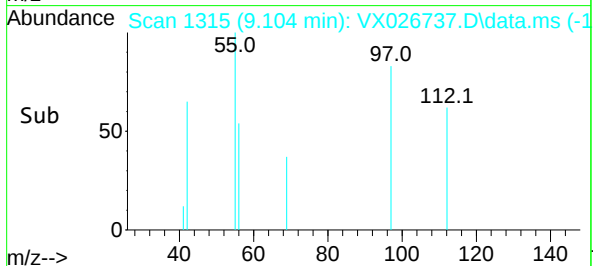
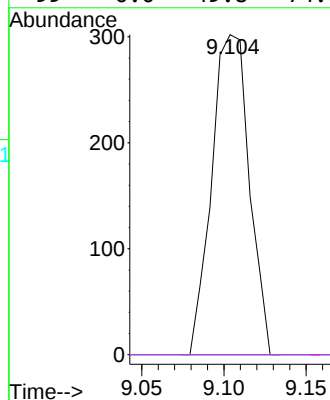
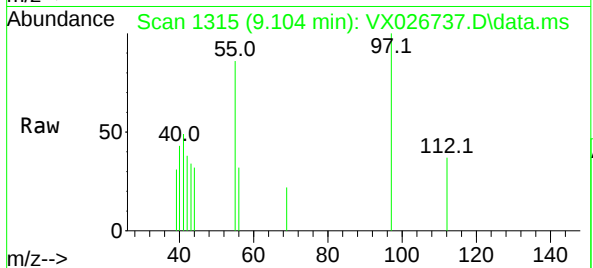
Ion Ratio Lower Upper

97 100

83 0.0 68.4 102.6#

85 0.0 44.0 66.0#

99 0.0 49.8 74.6#



#59

2-Hexanone

Concen: 1.561 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX026737.D

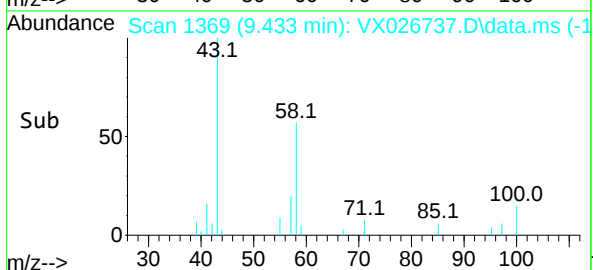
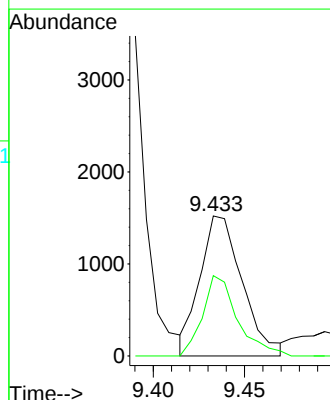
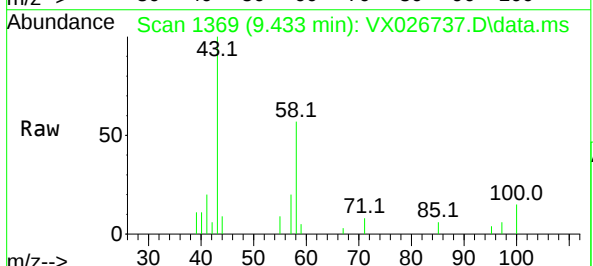
Acq: 02 Feb 2022 15:24

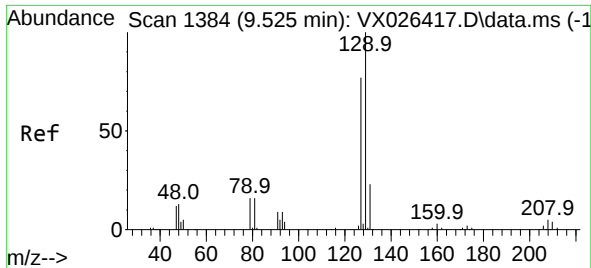
Tgt Ion: 43 Resp: 2456

Ion Ratio Lower Upper

43 100

58 47.4 26.4 79.2

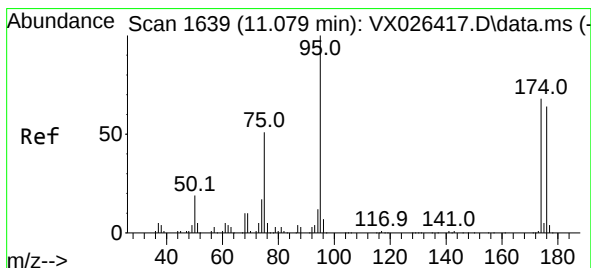
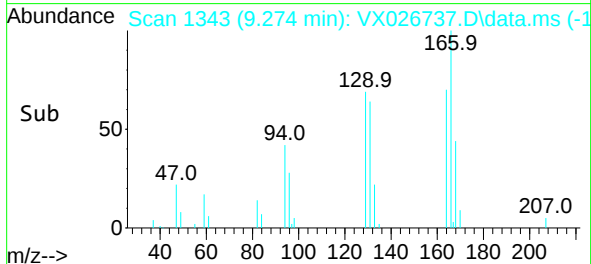
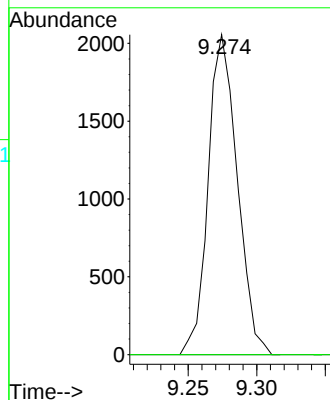
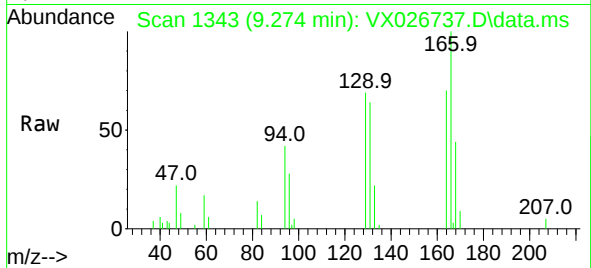




#60
Dibromochloromethane
Concen: 2.082 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

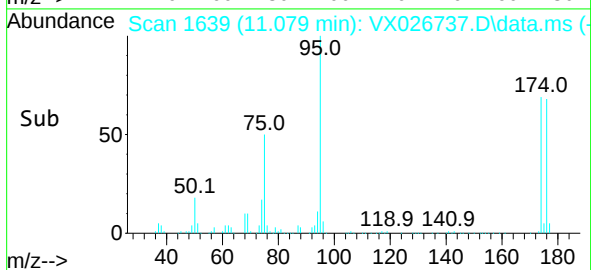
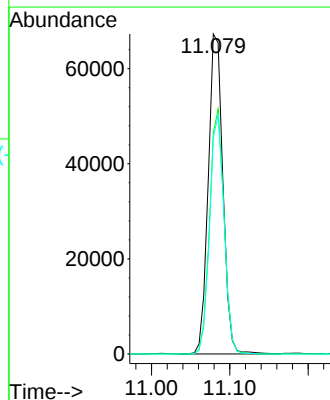
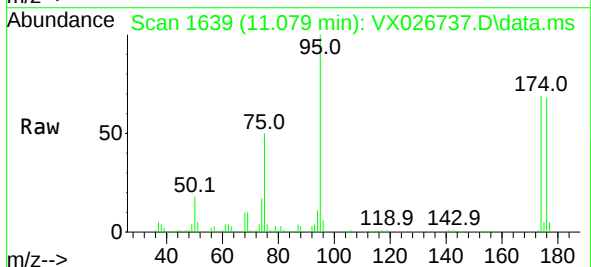
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

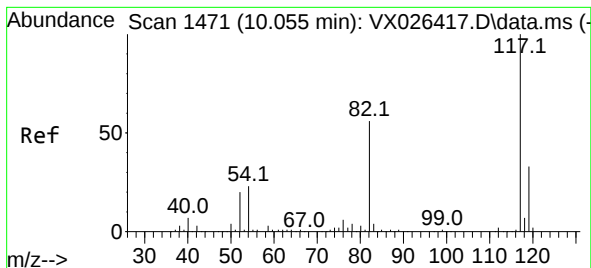
Tgt Ion:129 Resp: 3043
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 50.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 95 Resp: 87498
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 72.9 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

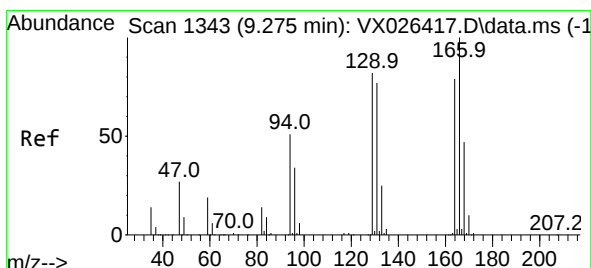
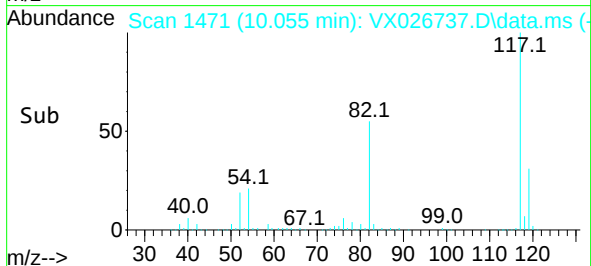
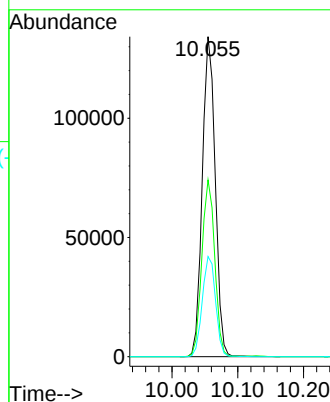
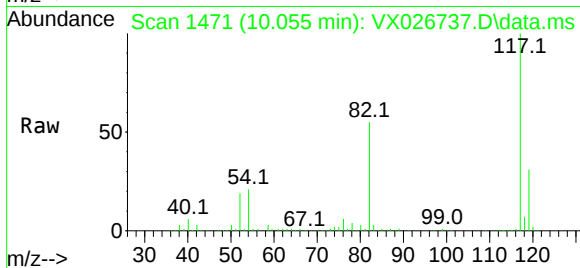
Tgt Ion:117 Resp: 183412

Ion Ratio Lower Upper

117 100

82 55.3 45.2 67.8

119 31.3 26.2 39.2



#64

Tetrachloroethene

Concen: 1.801 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Tgt Ion:164 Resp: 3120

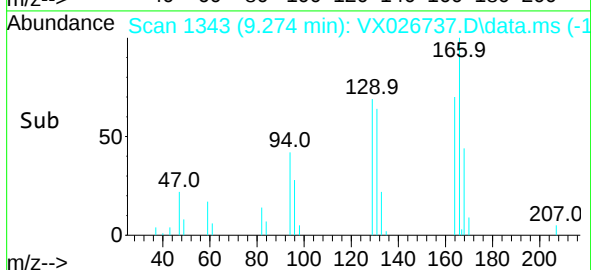
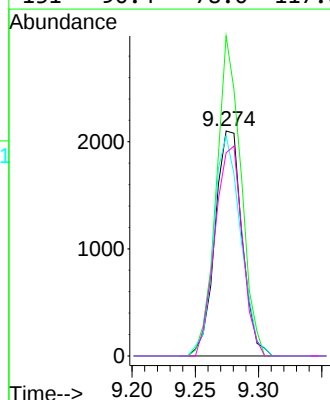
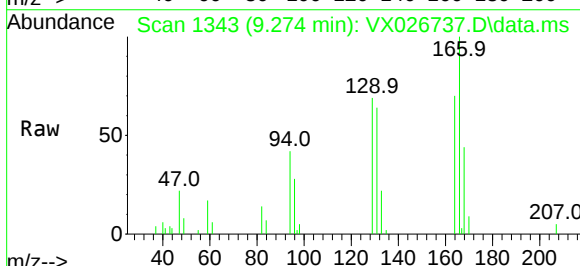
Ion Ratio Lower Upper

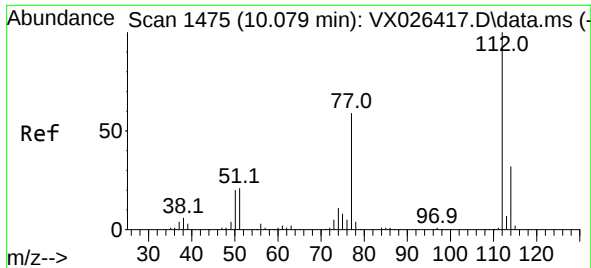
164 100

166 142.3 101.8 152.6

129 97.9 83.3 124.9

131 90.4 78.0 117.0

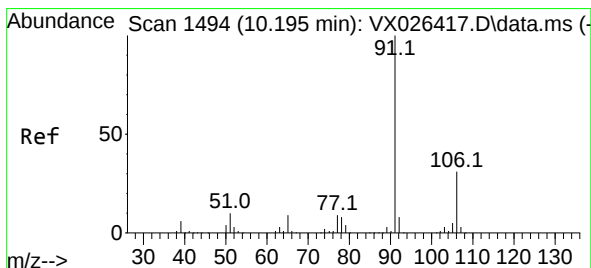
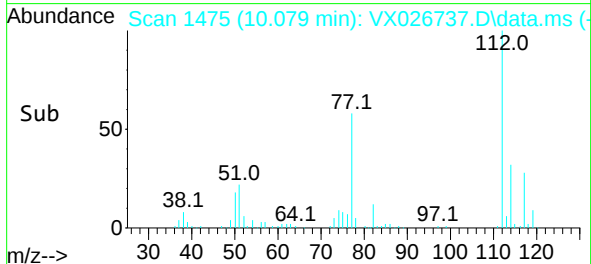
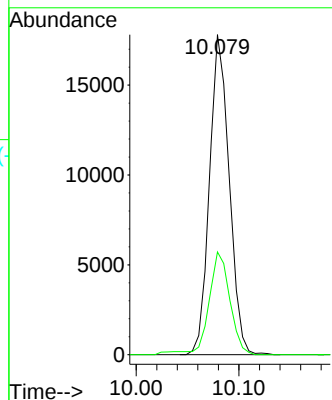
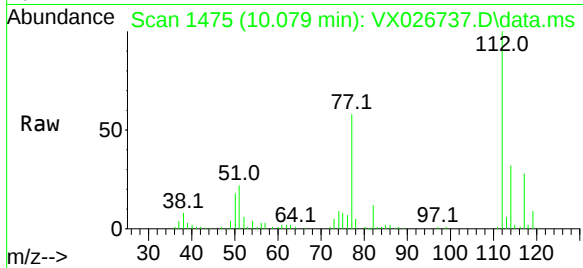




#65
Chlorobenzene
Concen: 6.149 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

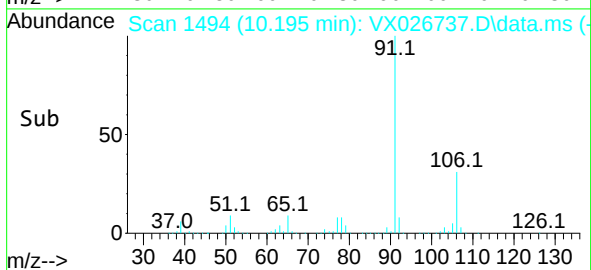
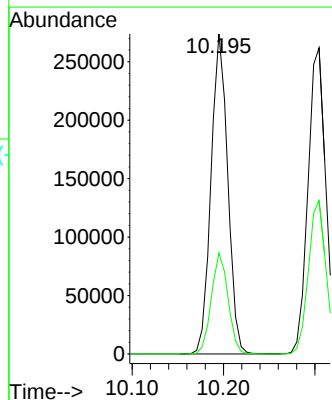
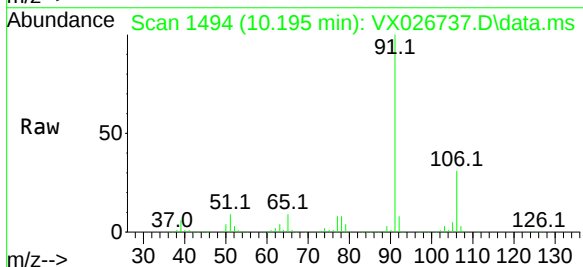
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

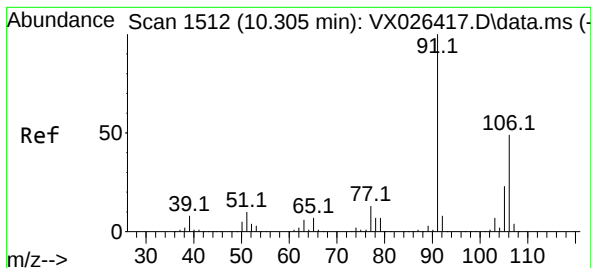
Tgt Ion:112 Resp: 23751
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 49.467 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 91 Resp: 347201
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

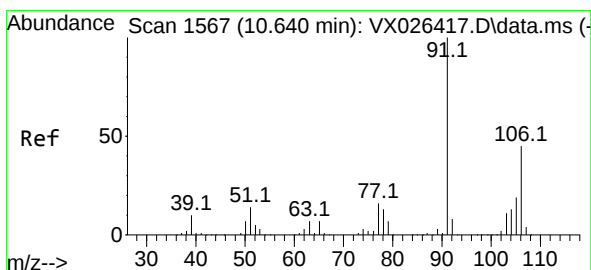
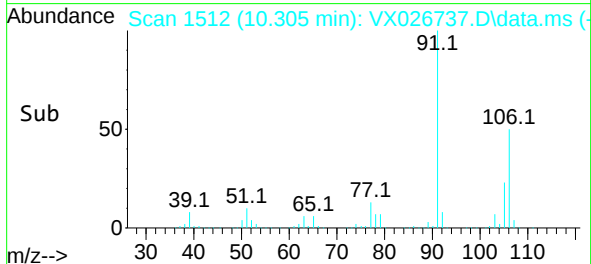
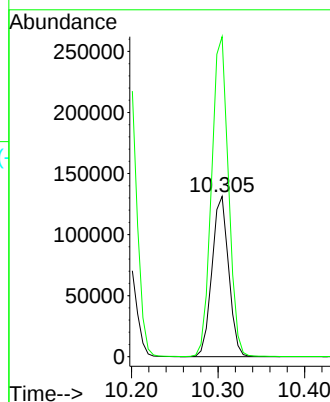
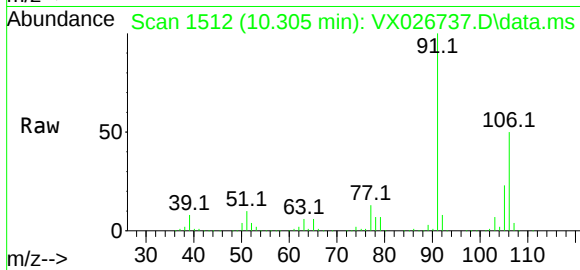




#68
m/p-Xylenes
Concen: 66.819 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

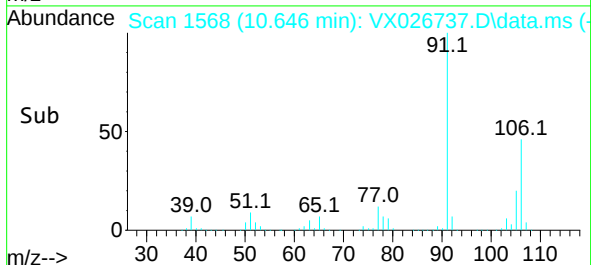
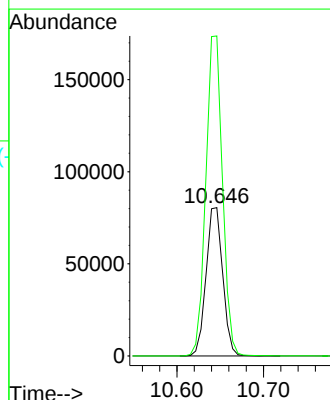
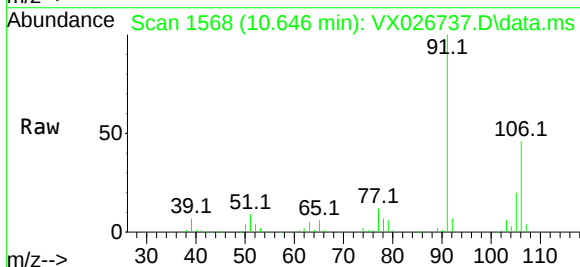
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

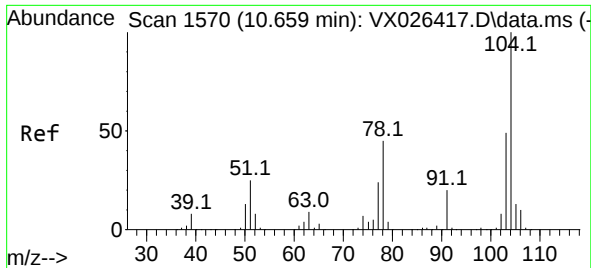
Tgt Ion:106 Resp: 175510
Ion Ratio Lower Upper
106 100
91 202.5 165.3 247.9



#69
o-Xylene
Concen: 42.449 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion:106 Resp: 107589
Ion Ratio Lower Upper
106 100
91 215.9 109.7 329.0

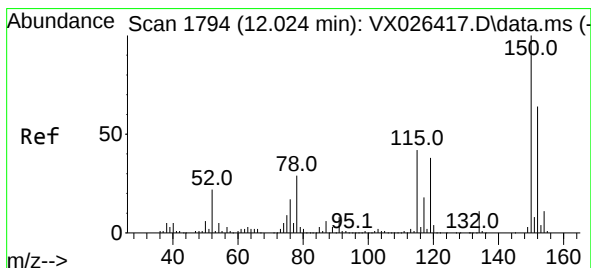
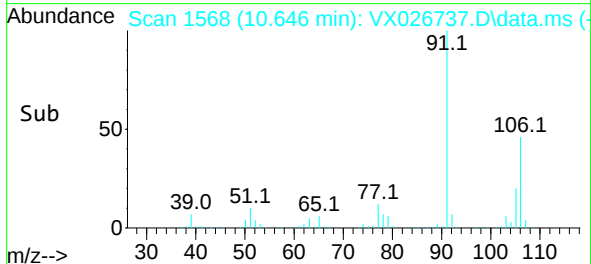
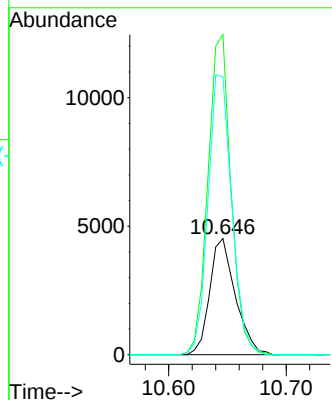
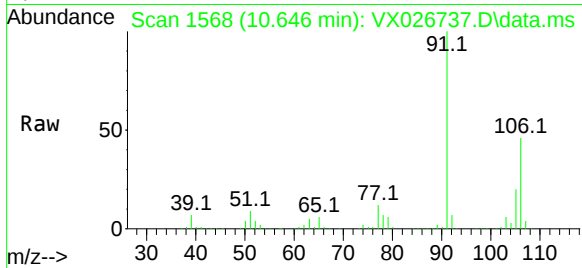




#70
Styrene
Concen: 1.661 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

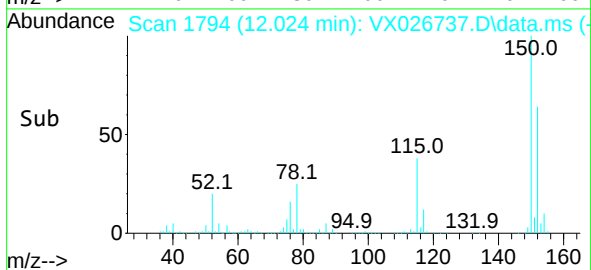
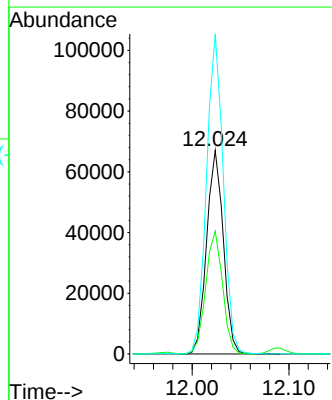
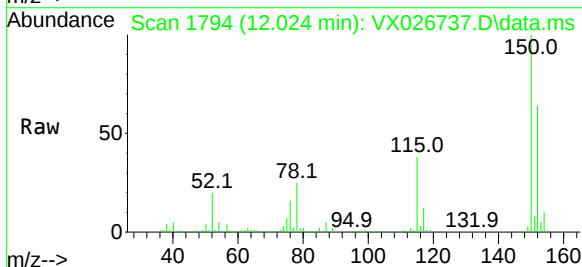
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

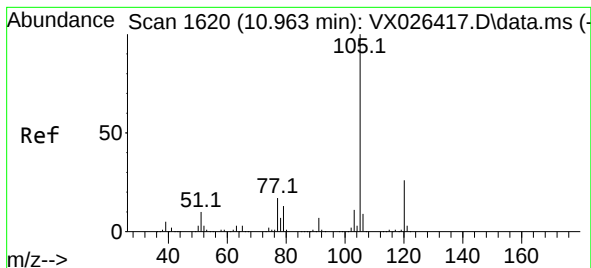
Tgt Ion:104 Resp: 6869
Ion Ratio Lower Upper
104 100
78 246.5 42.5 63.7#
103 223.6 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion:152 Resp: 80636
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 157.1 0.0 348.2





#73

Isopropylbenzene

Concen: 8.313 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

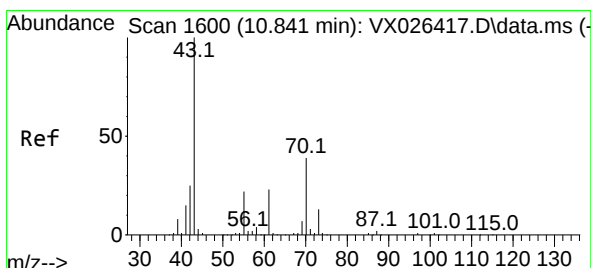
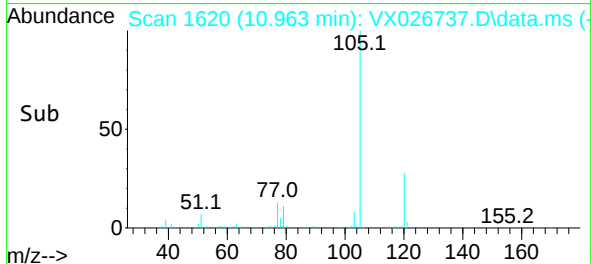
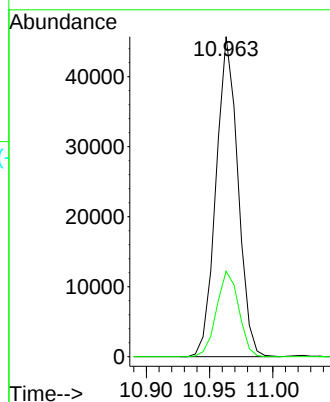
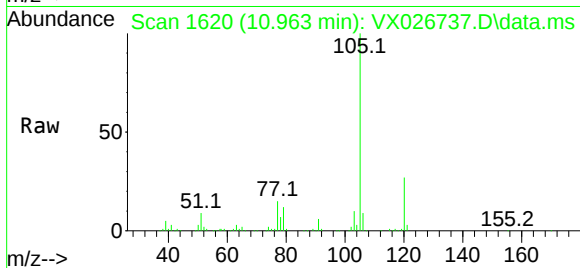
GROUNDWATER

Tgt Ion:105 Resp: 54949

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



#74

N-ethyl acetate

Concen: 0.511 ug/l

RT: 10.859 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Tgt Ion: 43 Resp: 1303

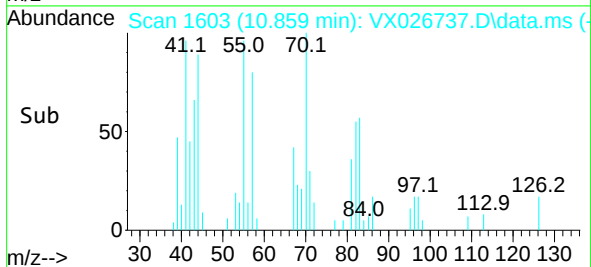
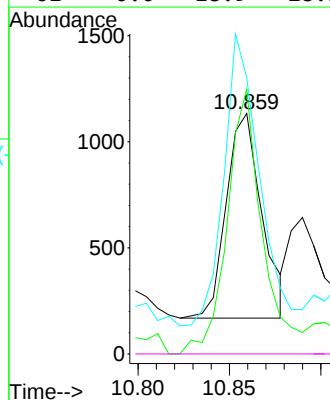
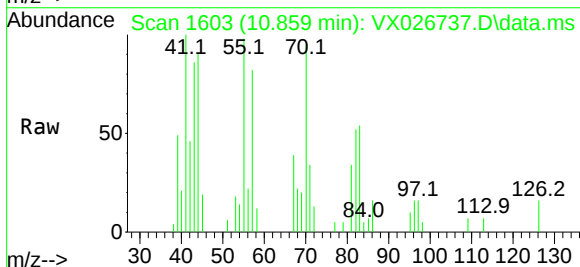
Ion Ratio Lower Upper

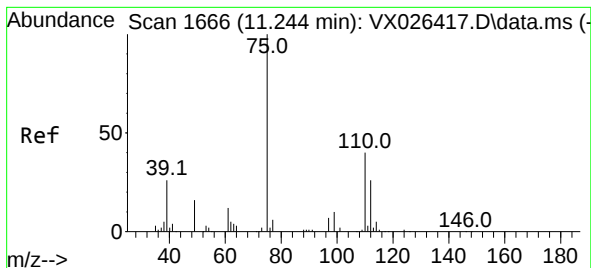
43 100

70 127.7 32.9 49.3#

55 164.1 18.3 27.5#

61 0.0 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 24.232 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

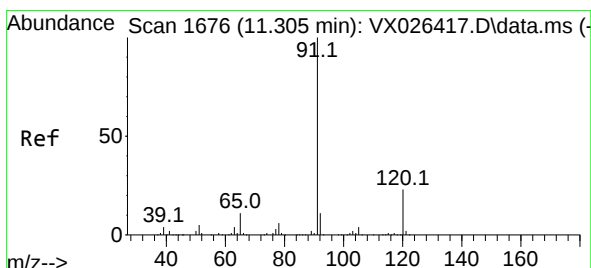
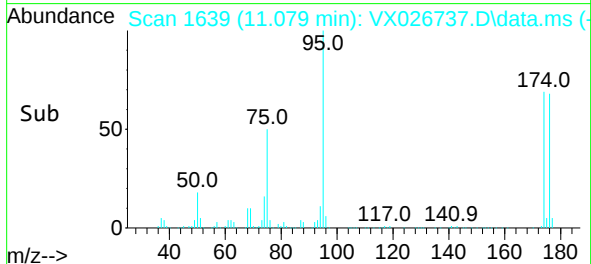
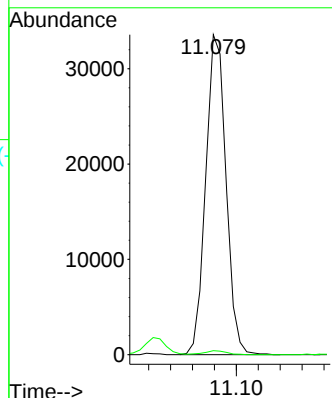
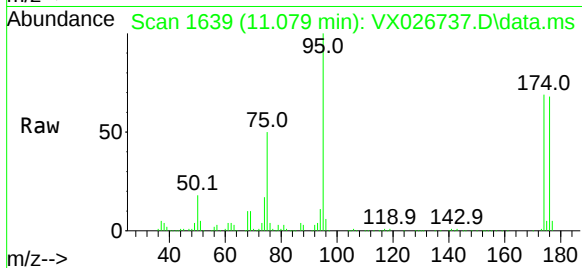
GROUNDWATER

Tgt Ion: 75 Resp: 43023

Ion Ratio Lower Upper

75 100

77 1.4 18.3 54.8#



#78

n-propylbenzene

Concen: 6.033 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX026737.D

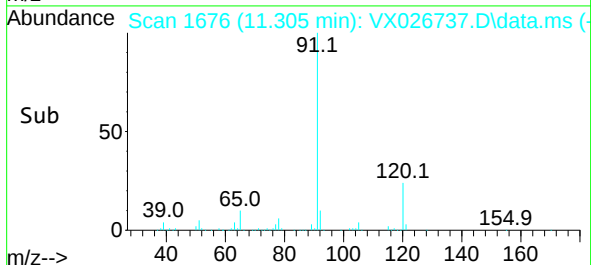
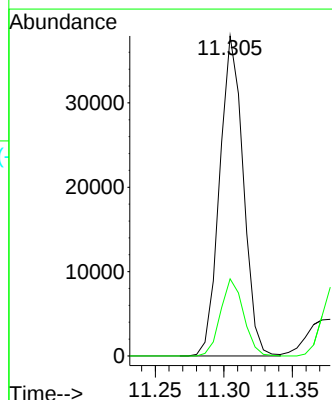
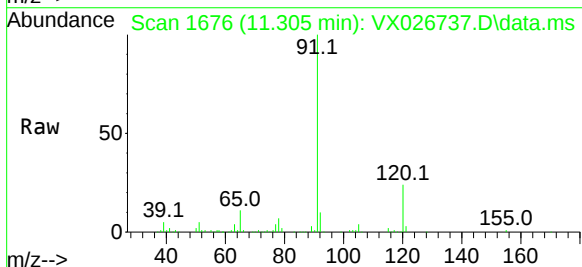
Acq: 02 Feb 2022 15:24

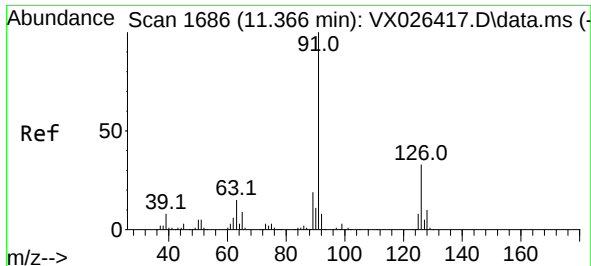
Tgt Ion: 91 Resp: 45473

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7

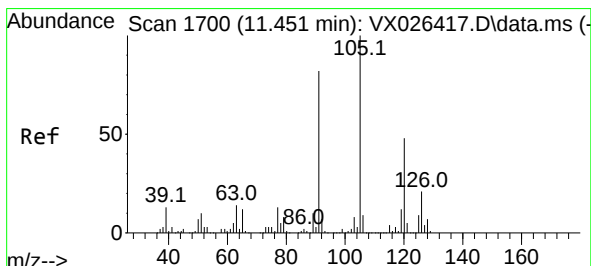
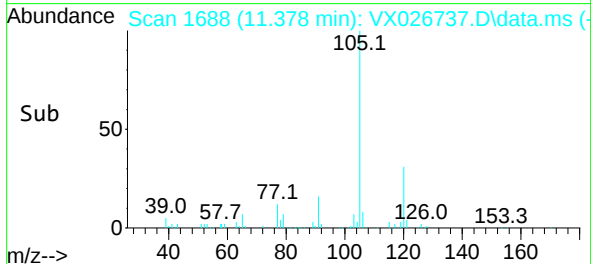
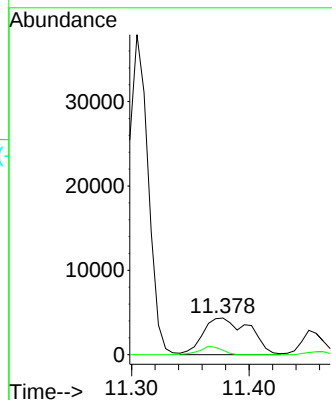
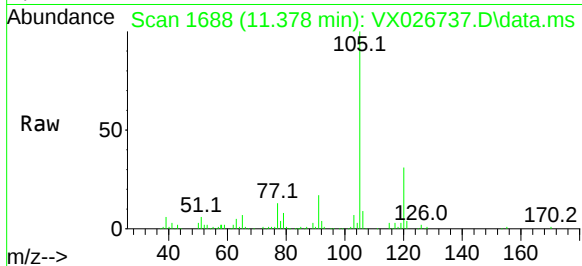




#79
2-Chlorotoluene
Concen: 2.619 ug/l
RT: 11.378 min Scan# 11971
Delta R.T. 0.012 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

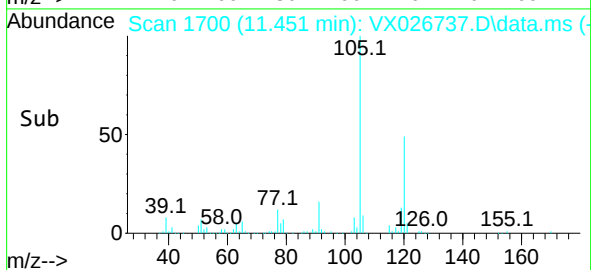
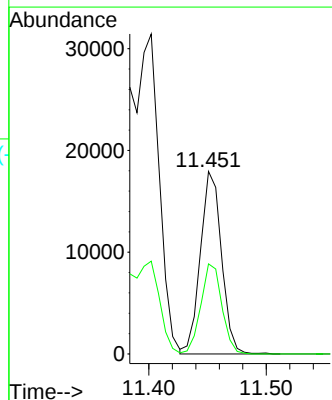
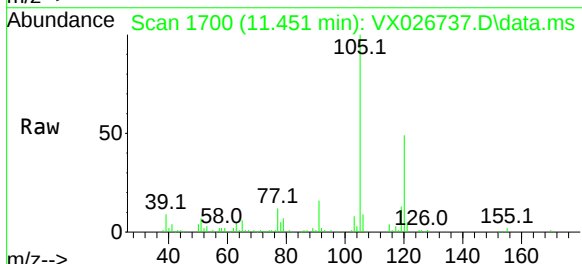
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

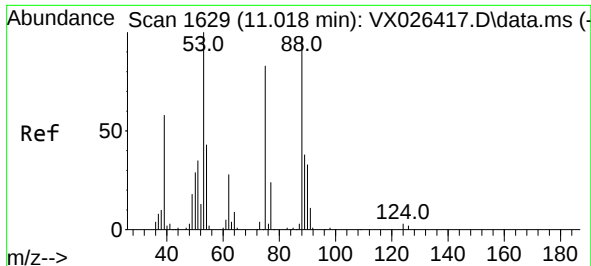
Tgt Ion: 91 Resp: 11971
Ion Ratio Lower Upper
91 100
126 10.9 16.4 49.2#



#80
1,3,5-Trimethylbenzene
Concen: 4.120 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 105 Resp: 22448
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0

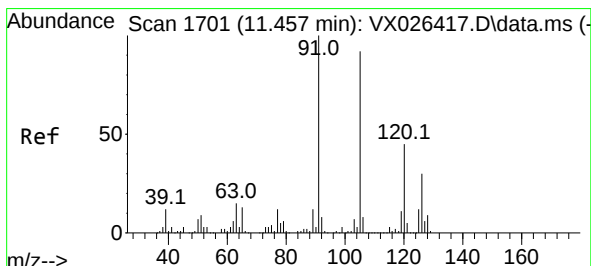
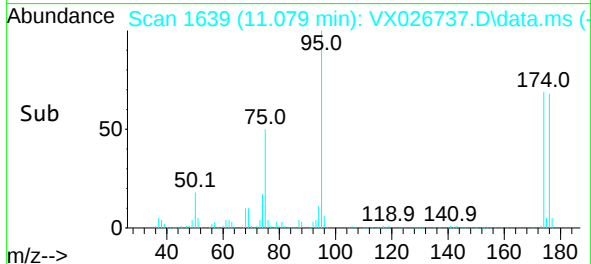
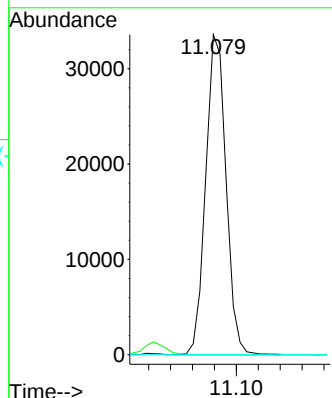
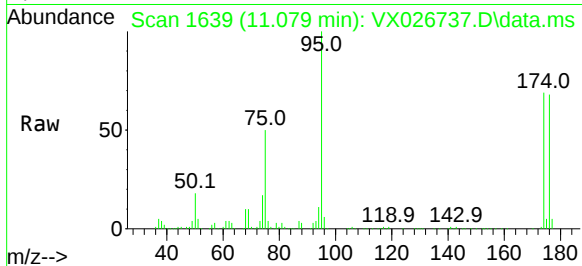




#81
trans-1,4-Dichloro-2-butene
Concen: 73.810 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

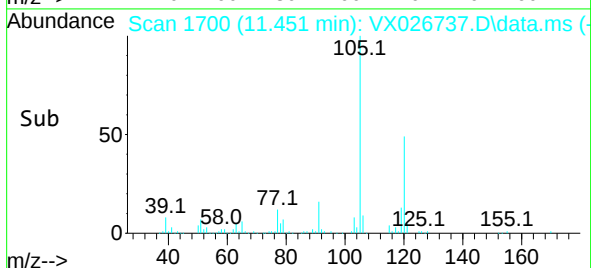
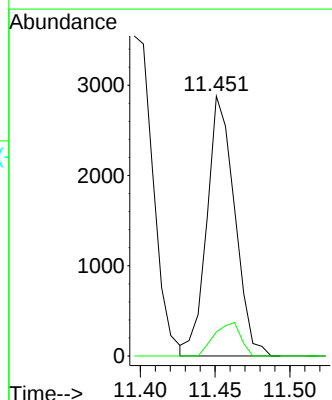
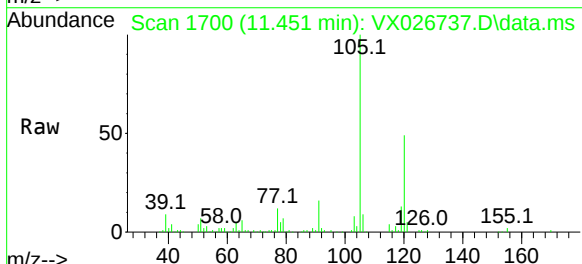
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

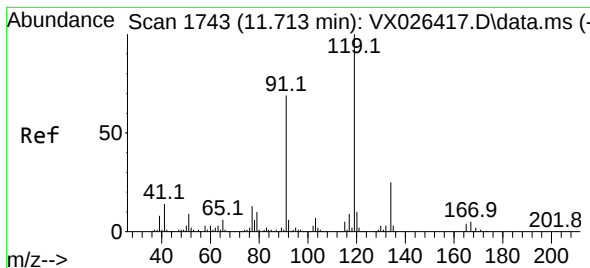
Tgt Ion: 75 Resp: 43023
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 91 Resp: 3715
Ion Ratio Lower Upper
91 100
126 12.2 14.1 42.4#





#83

tert-Butylbenzene

Concen: 0.528 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

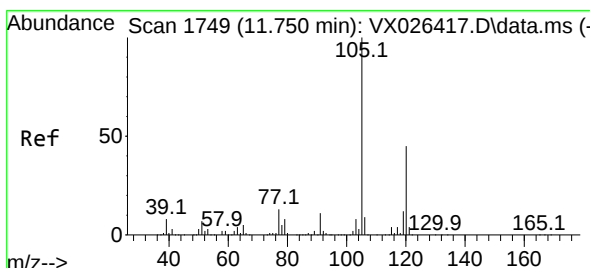
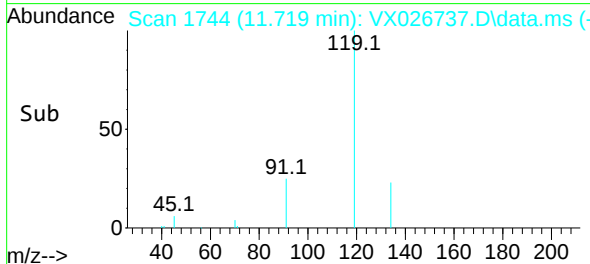
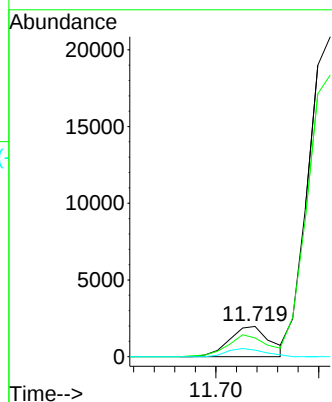
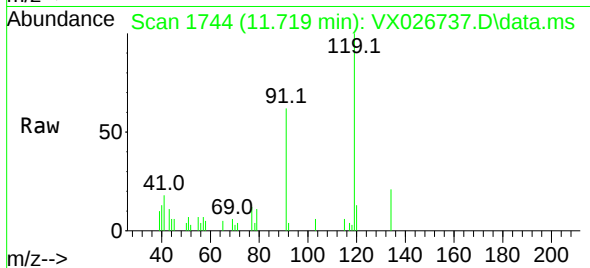
Tgt Ion:119 Resp: 2684

Ion Ratio Lower Upper

119 100

91 72.1 31.4 94.0

134 24.7 11.8 35.3



#84

1,2,4-Trimethylbenzene

Concen: 38.582 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX026737.D

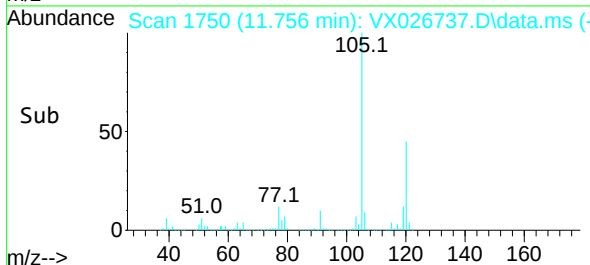
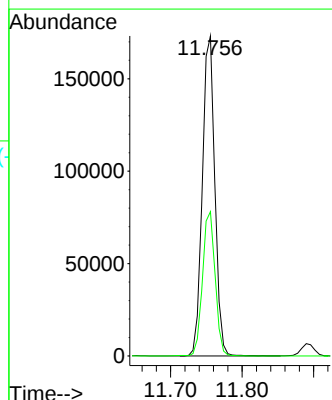
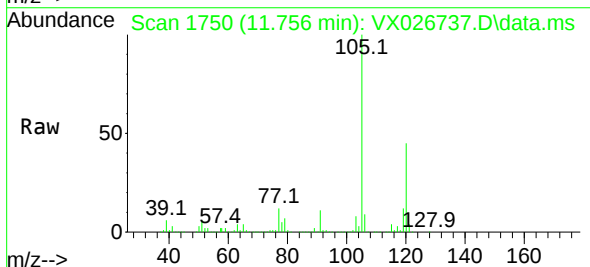
Acq: 02 Feb 2022 15:24

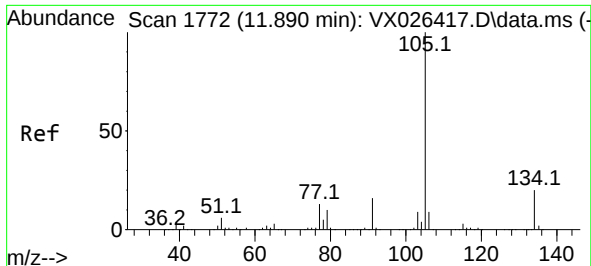
Tgt Ion:105 Resp: 210281

Ion Ratio Lower Upper

105 100

120 45.7 21.9 65.5

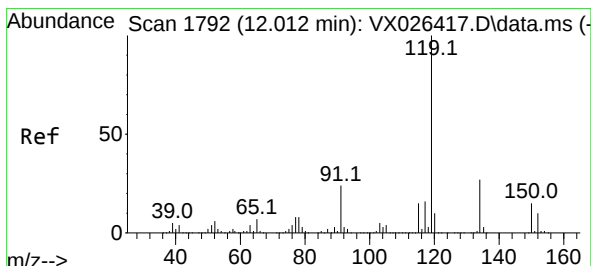
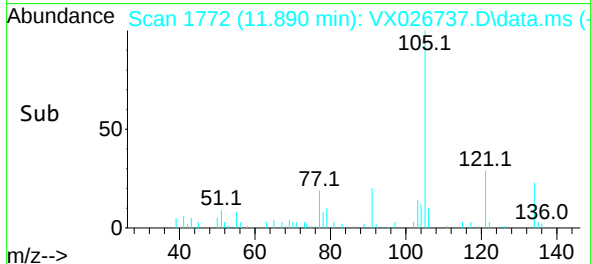
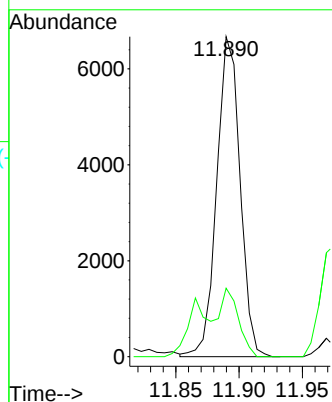
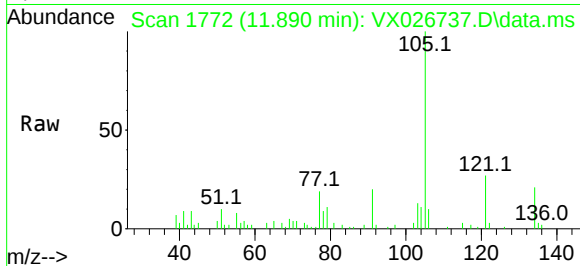




#85
 sec-Butylbenzene
 Concen: 1.297 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX026737.D
 Acq: 02 Feb 2022 15:24

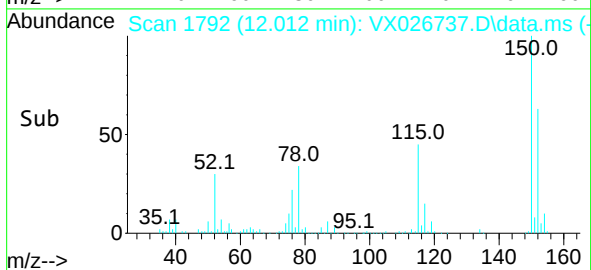
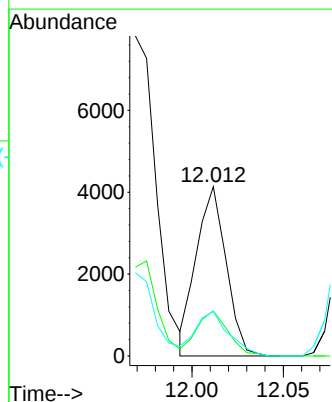
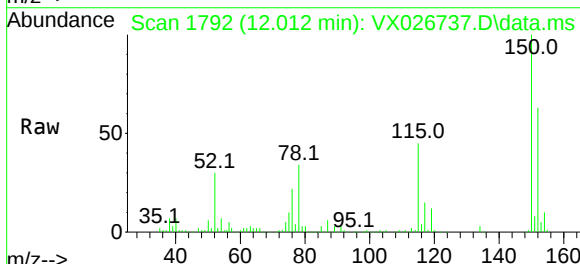
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

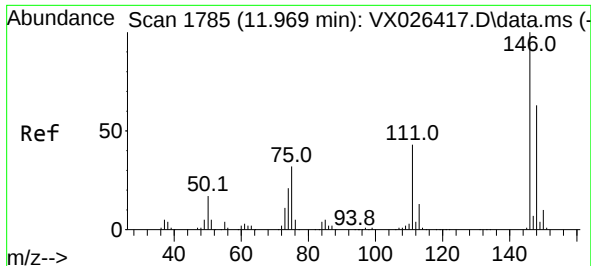
Tgt Ion:105 Resp: 8537
 Ion Ratio Lower Upper
 105 100
 134 17.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.854 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX026737.D
 Acq: 02 Feb 2022 15:24

Tgt Ion:119 Resp: 4717
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.0 39.0
 91 29.2 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 0.451 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

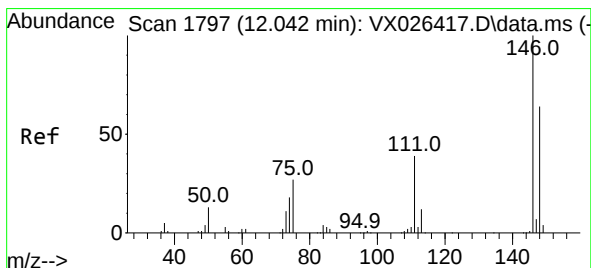
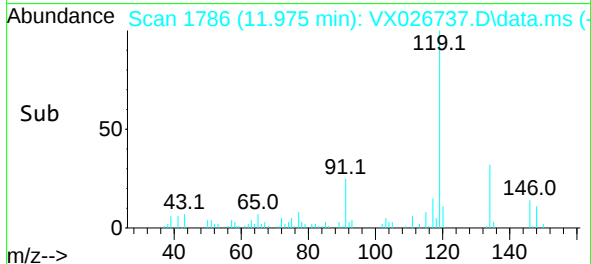
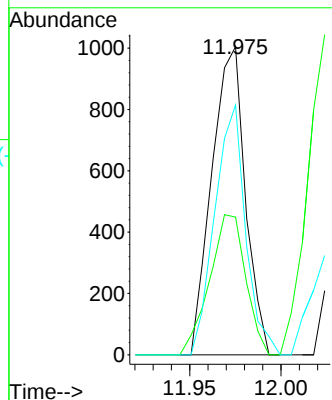
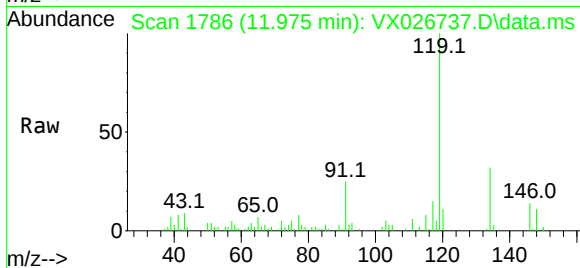
Tgt Ion:146 Resp: 1279

Ion Ratio Lower Upper

146 100

111 49.3 21.3 63.7

148 74.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.445 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

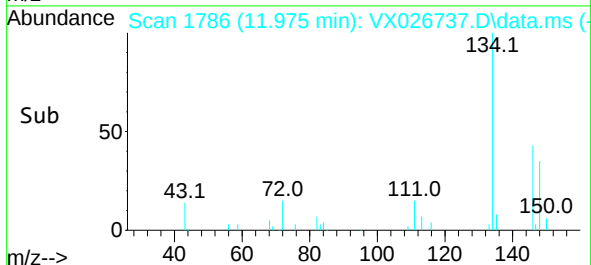
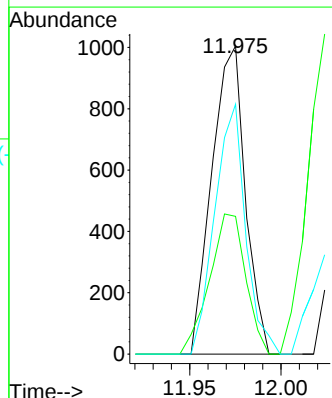
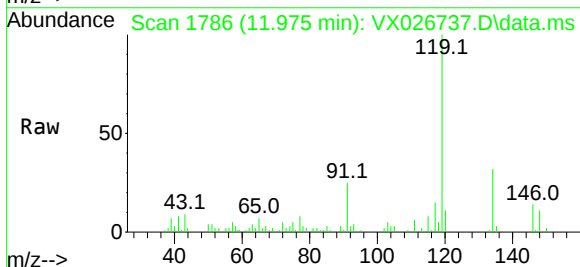
Tgt Ion:146 Resp: 1279

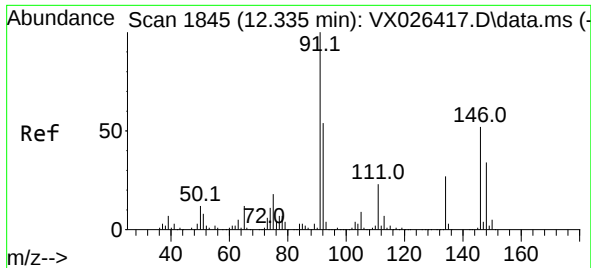
Ion Ratio Lower Upper

146 100

111 49.3 20.2 60.6

148 74.8 31.4 94.0

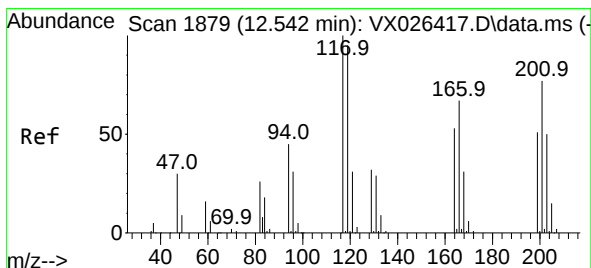
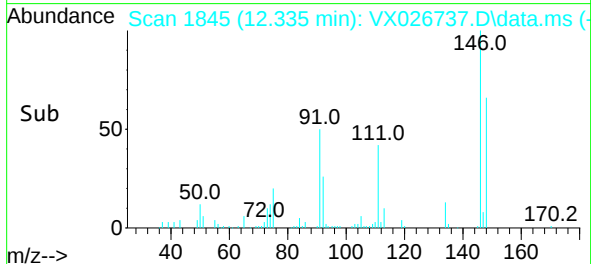
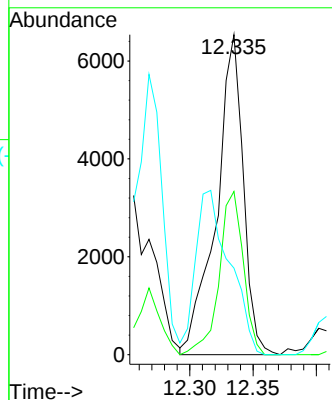
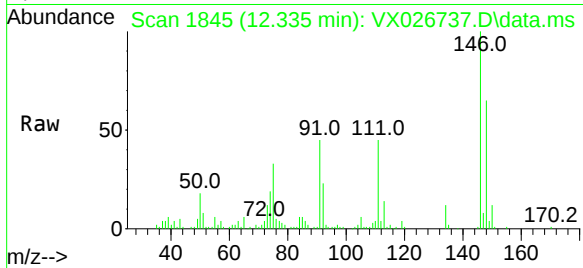




#89
n-Butylbenzene
Concen: 2.040 ug/l
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

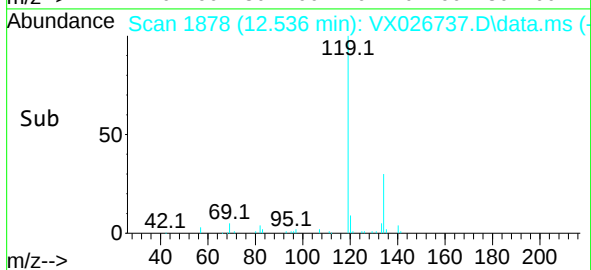
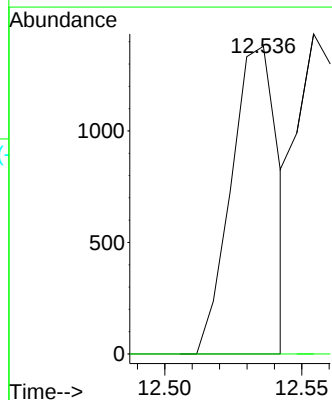
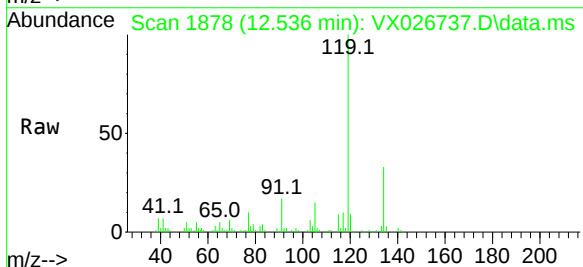
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

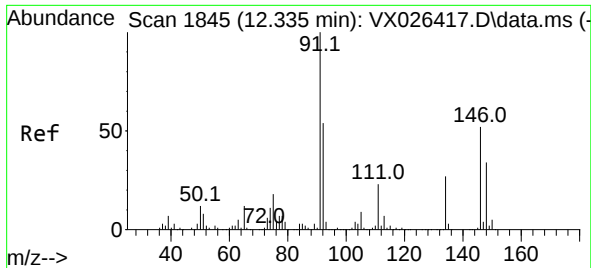
Tgt Ion: 91 Resp: 9665
Ion Ratio Lower Upper
91 100
92 45.7 27.2 81.6
134 64.8 13.1 39.1#



#90
Hexachloroethane
Concen: 3.887 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 117 Resp: 1647
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

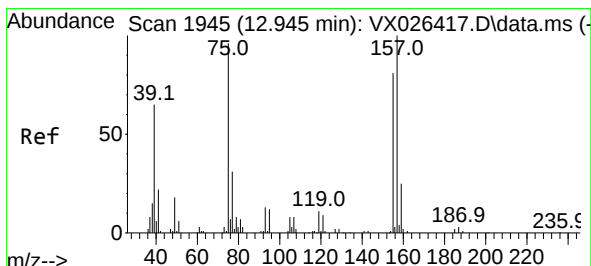
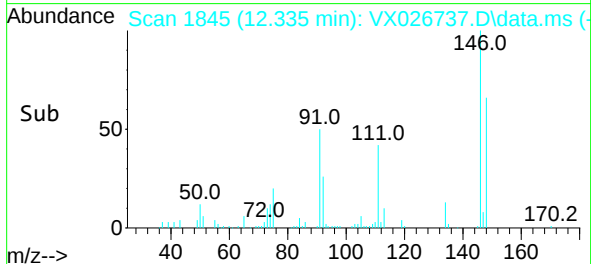
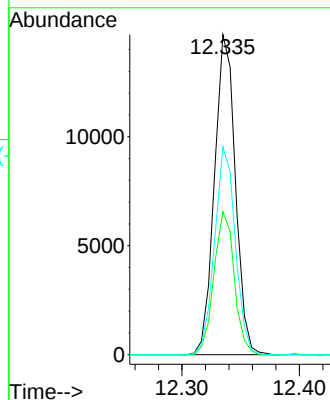
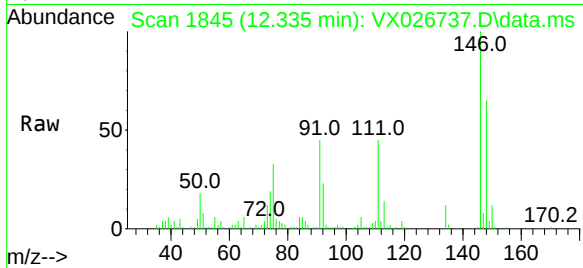




#91
1,2-Dichlorobenzene
Concen: 6.769 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

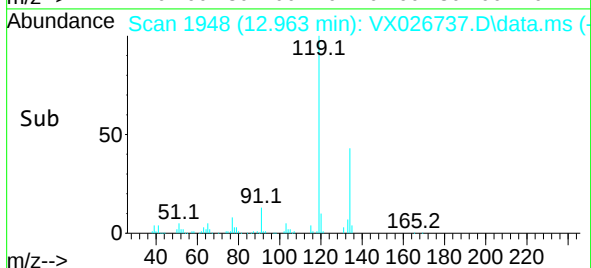
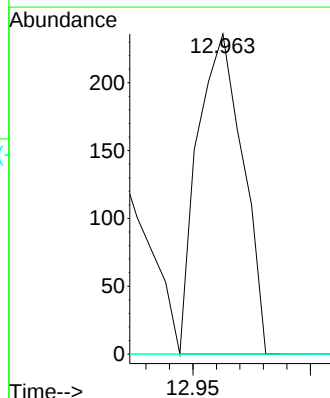
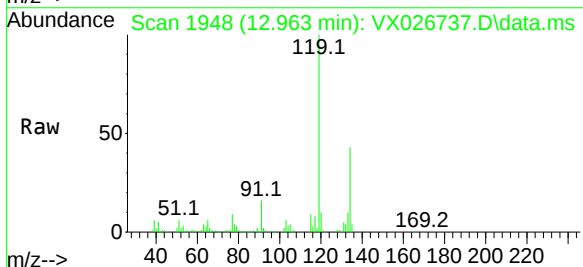
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

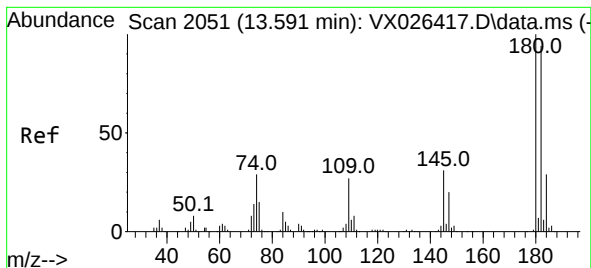
Tgt Ion:146 Resp: 18157
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.737 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX026737.D
Acq: 02 Feb 2022 15:24

Tgt Ion: 75 Resp: 316
Ion Ratio Lower Upper
75 100
155 0.0 40.0 119.9#
157 0.0 51.6 154.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.596 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

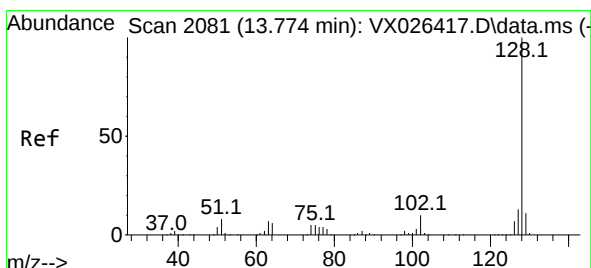
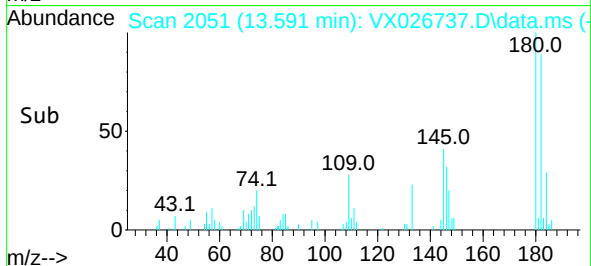
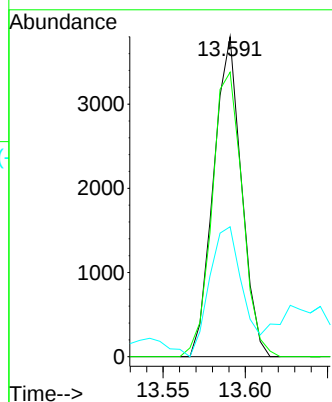
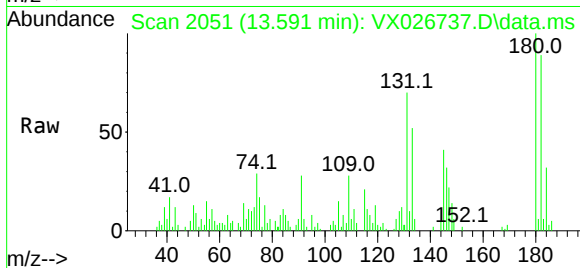
Tgt Ion:180 Resp: 4464

Ion Ratio Lower Upper

180 100

182 97.2 46.7 140.0

145 48.5 16.3 48.8



#95

Naphthalene

Concen: 81.332 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX026737.D

Acq: 02 Feb 2022 15:24

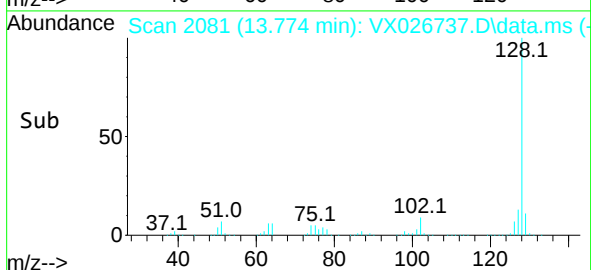
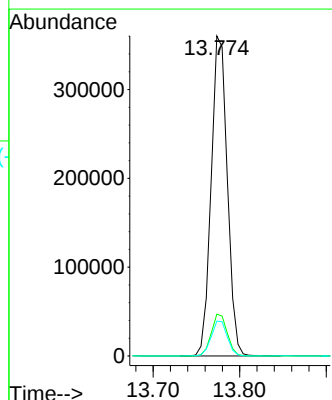
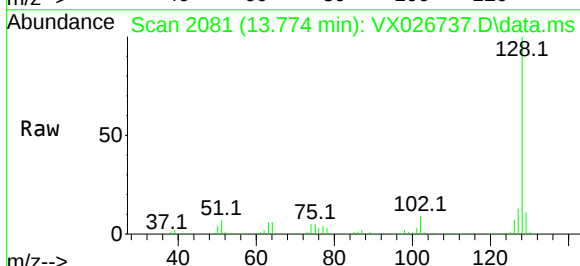
Tgt Ion:128 Resp: 466509

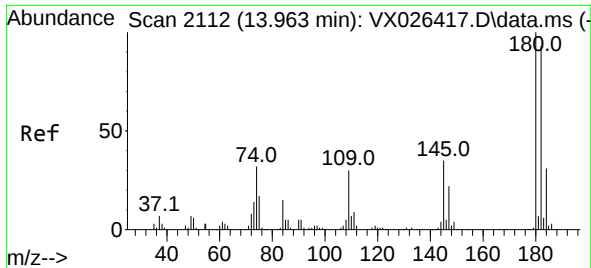
Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

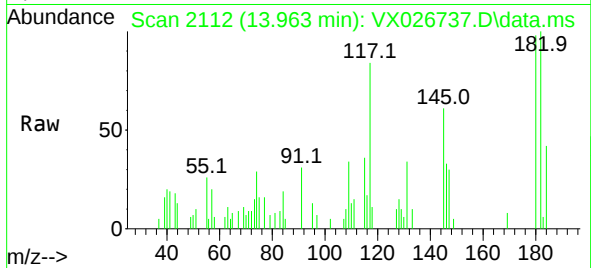
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.818 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX026737.D
 Acq: 02 Feb 2022 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER



Tgt Ion:180 Resp: 1383
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.2 141.6
 145 60.4 17.5 52.5#

