

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033435.D
 Acq On : 15 Dec 2022 12:32
 Operator : JC/MD
 Sample : N6070-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-226-245-121422

Quant Time: Dec 16 01:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

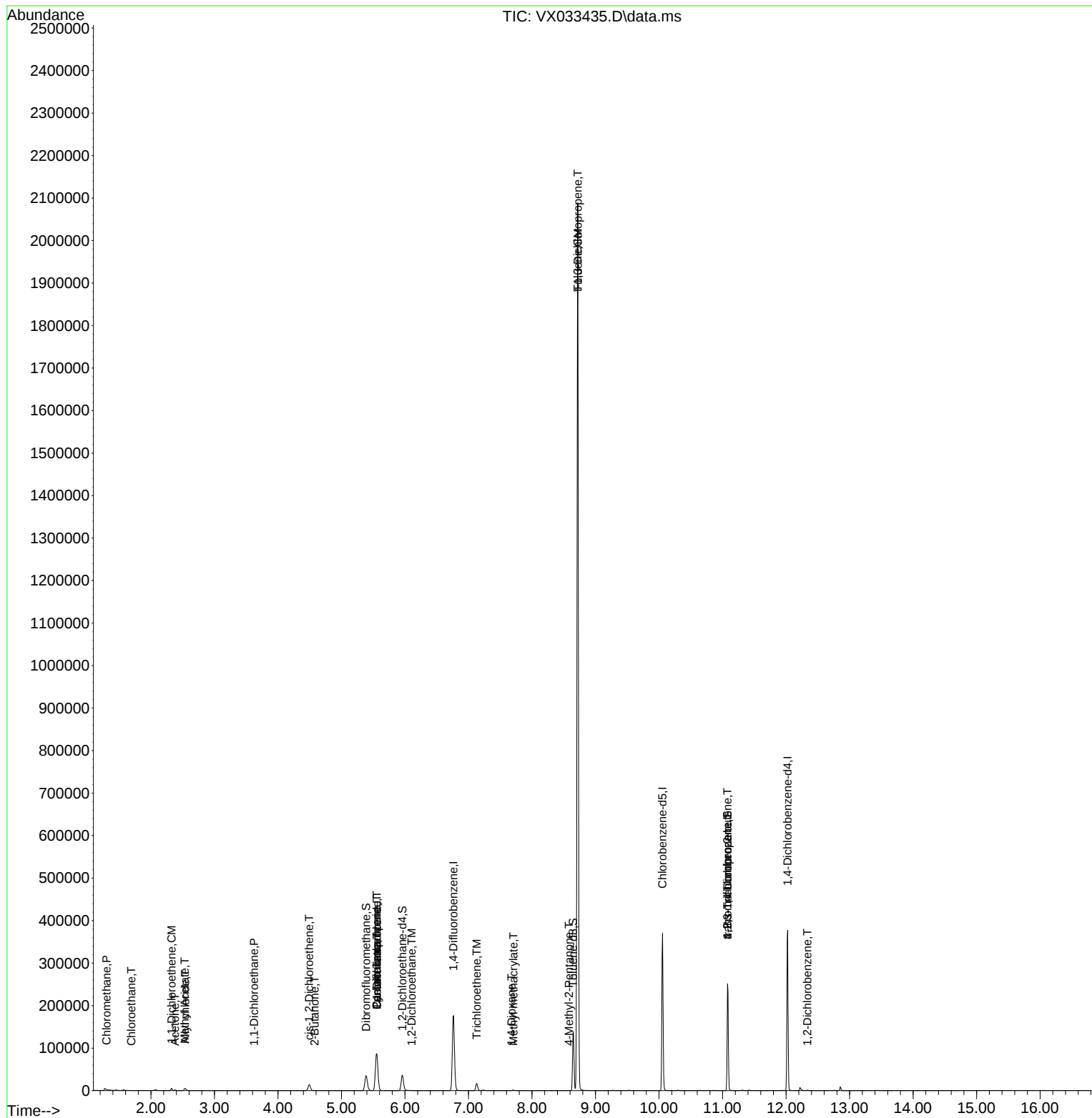
Internal Standards						
1) Pentafluorobenzene	5.556	168	87583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37277	66.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.680%#			
35) Dibromofluoromethane	5.385	113	30503	36.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 72.820%#			
50) Toluene-d8	8.647	98	86490	49.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	65521	48.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.800%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	264	0.373	ug/l #	43
6) Chloroethane	1.691	64	142	0.232	ug/l #	42
12) 1,1-Dichloroethene	2.325	96	1944	2.448	ug/l #	75
14) Allyl chloride	2.538	41	696	0.549	ug/l #	72
16) Acetone	2.380	43	1934	4.652	ug/l	99
18) Methyl Acetate	2.532	43	1869	1.553	ug/l #	51
24) 1,1-Dichloroethane	3.623	63	608	0.381	ug/l #	82
25) 2-Butanone	4.574	43	316	0.529	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	9131	8.796	ug/l	86
31) Cyclohexane	5.556	56	1612	1.207	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6354	3.890	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8377	4.578	ug/l #	14
42) 1,2-Dichloroethane	6.105	62	622	0.329	ug/l #	77
44) Trichloroethene	7.129	130	6654	5.068	ug/l	87
48) Methyl methacrylate	7.708	41	1056	0.824	ug/l	89
49) 1,4-Dioxane	7.677	88	157	5.370	ug/l #	26
51) 4-Methyl-2-Pentanone	8.580	43	338	0.215	ug/l #	36
52) Toluene	8.720	92	772896	251.014	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	9007	6.909	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34185	21.183	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34185	65.893	ug/l #	6
91) 1,2-Dichlorobenzene	12.335	146	589	0.224	ug/l	92

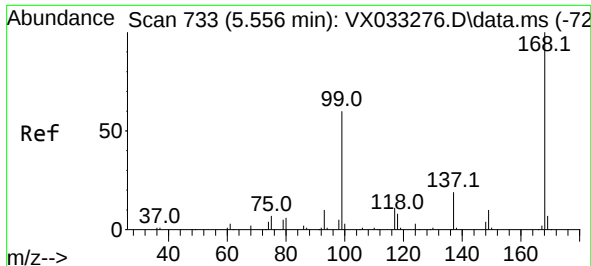
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
Data File : VX033435.D
Acq On : 15 Dec 2022 12:32
Operator : JC/MD
Sample : N6070-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

Quant Time: Dec 16 01:01:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

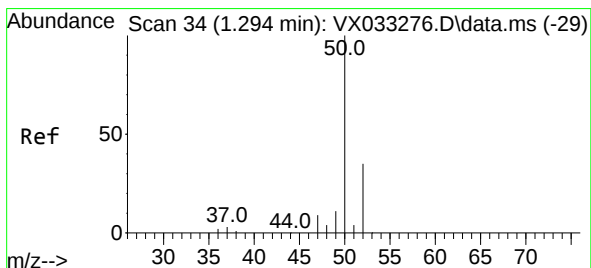
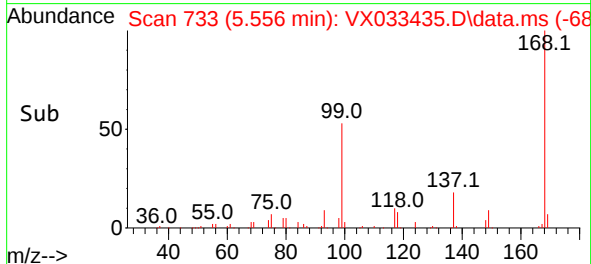
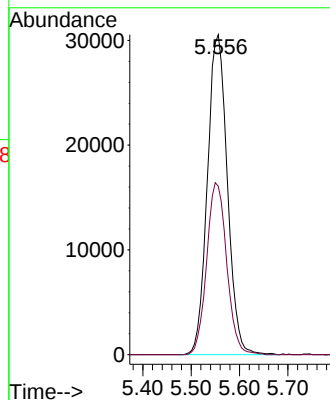
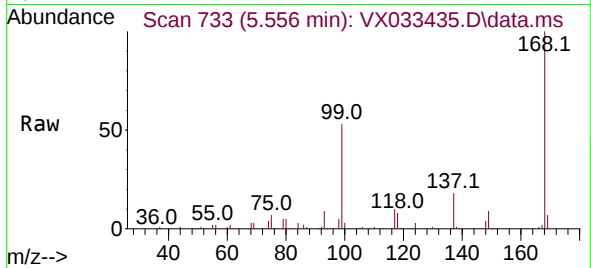




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

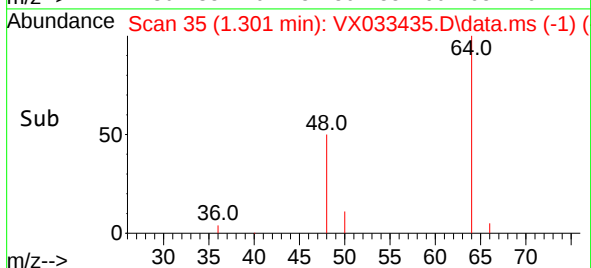
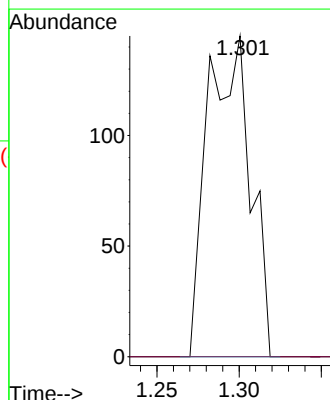
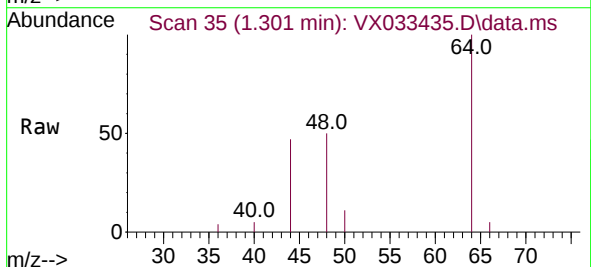
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

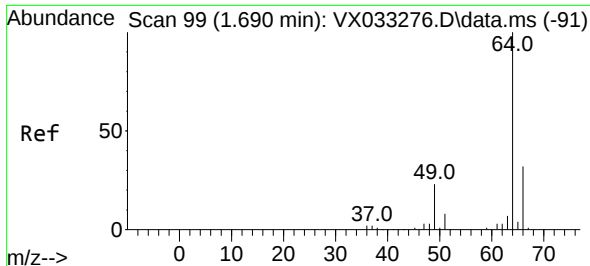
Tgt Ion:168 Resp: 87583
Ion Ratio Lower Upper
168 100
99 52.7 46.1 69.1



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 50 Resp: 264
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

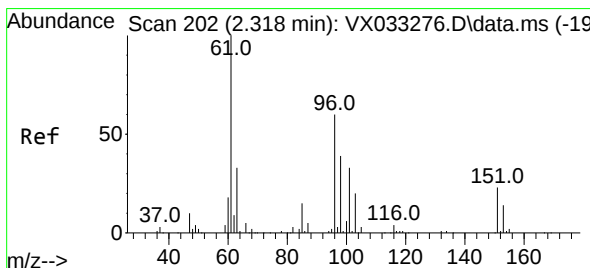
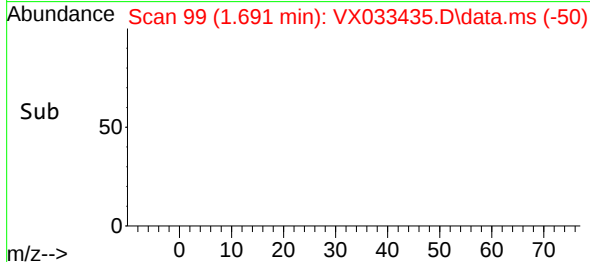
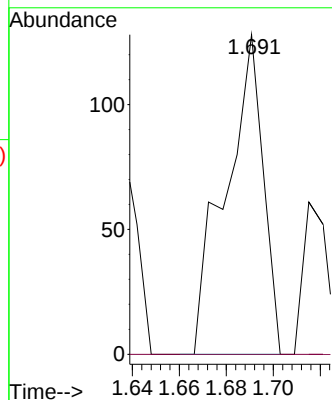
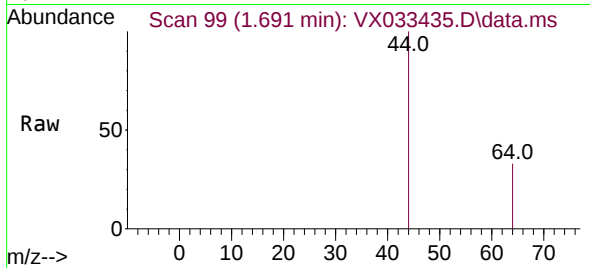




#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

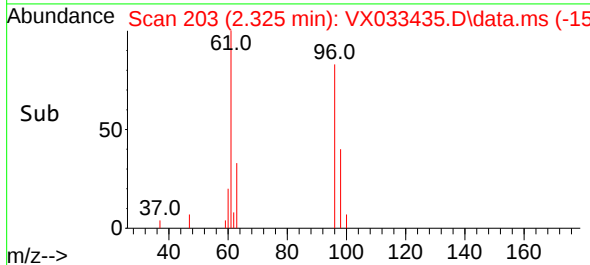
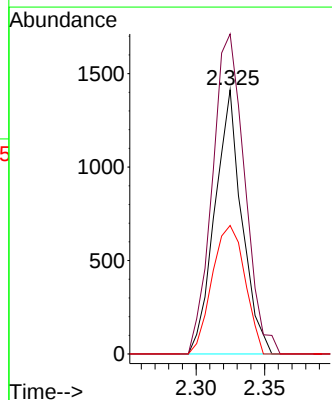
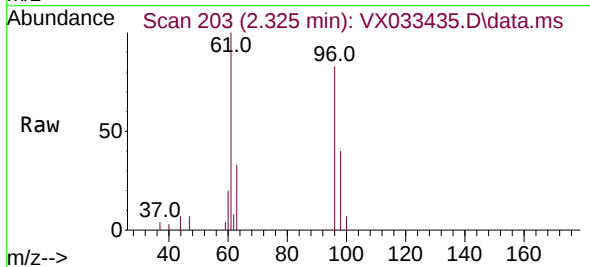
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

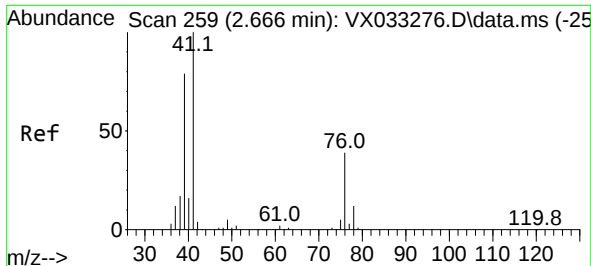
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#12
1,1-Dichloroethene
Concen: 2.448 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 96 Resp: 1944
Ion Ratio Lower Upper
96 100
61 121.2 125.1 187.7#
98 48.7 50.6 76.0#





#14

Allyl chloride

Concen: 0.549 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.128 min

Lab File: VX033435.D

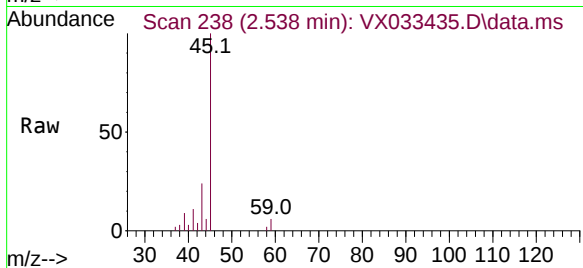
Acq: 15 Dec 2022 12:32

Instrument :

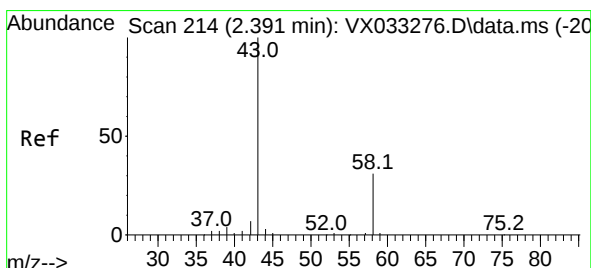
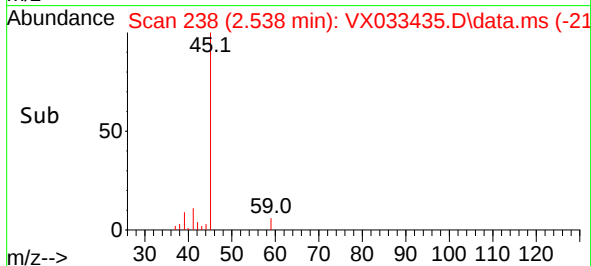
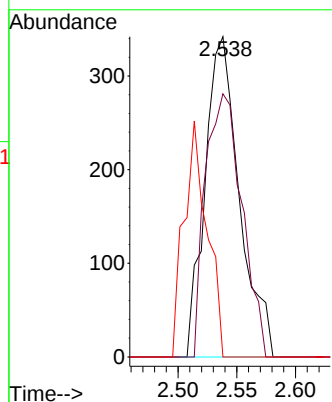
MSVOA_X

ClientSampleId :

GW-BR-04-226-245-121422



Tgt Ion: 41	Resp: 696
Ion Ratio	Lower Upper
41	100
39	87.1 61.4 92.2
76	0.0 29.2 43.8



#16

Acetone

Concen: 4.652 ug/l

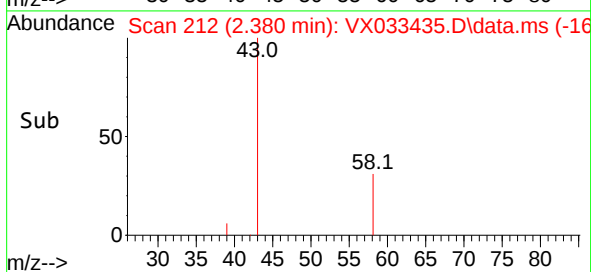
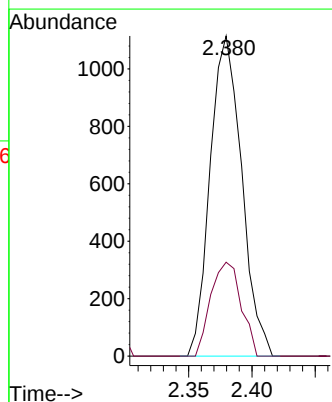
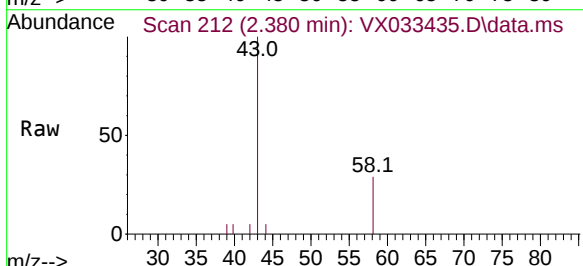
RT: 2.380 min Scan# 212

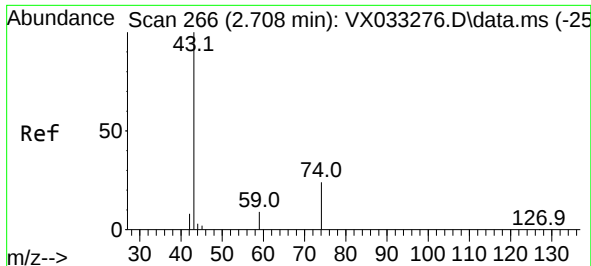
Delta R.T. -0.012 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Tgt Ion: 43	Resp: 1934
Ion Ratio	Lower Upper
43	100
58	29.3 23.8 35.8





#18

Methyl Acetate

Concen: 1.553 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.176 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

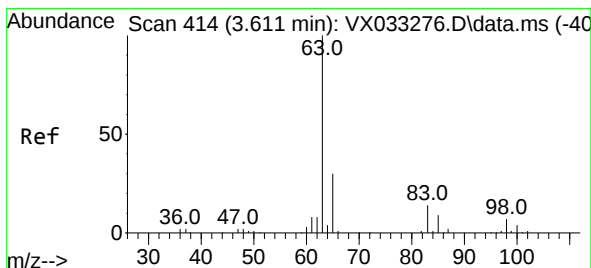
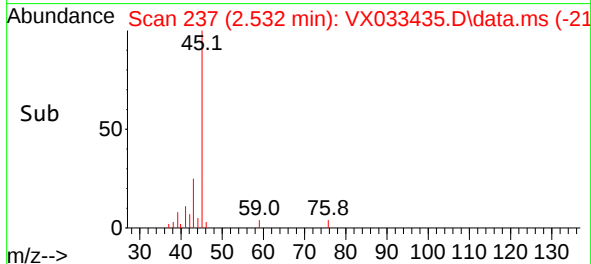
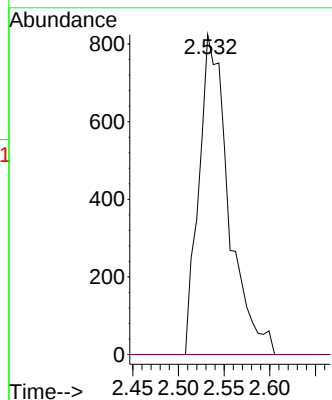
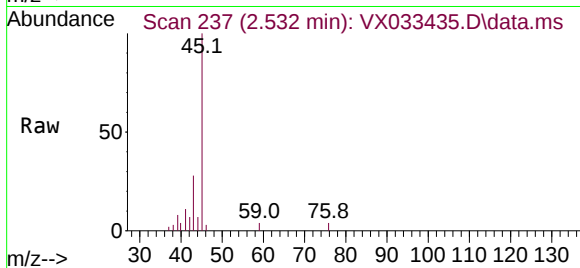
GW-BR-04-226-245-121422

Tgt Ion: 43 Resp: 1869

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#24

1,1-Dichloroethane

Concen: 0.381 ug/l

RT: 3.623 min Scan# 416

Delta R.T. 0.013 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

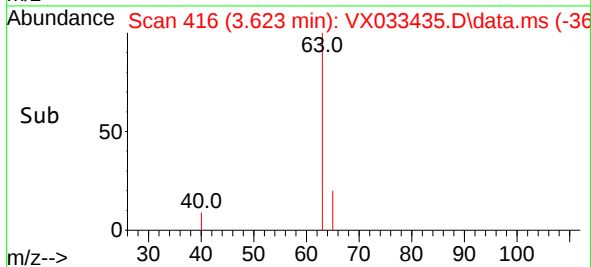
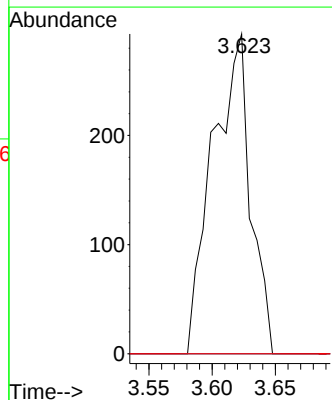
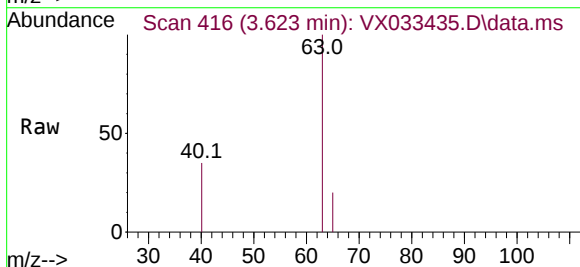
Tgt Ion: 63 Resp: 608

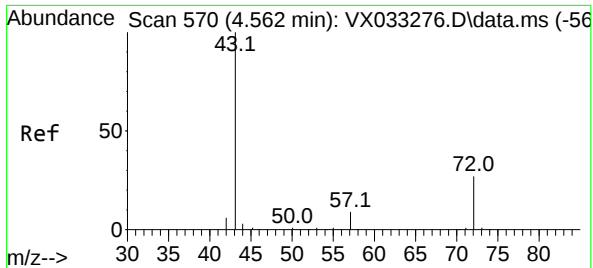
Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

100 0.0 2.3 6.8#

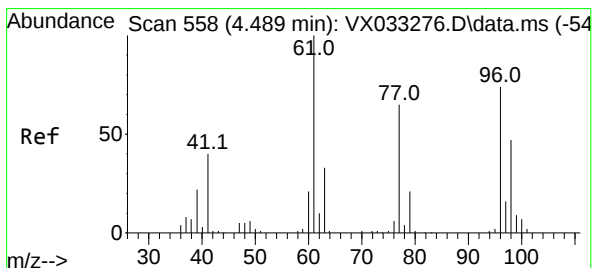
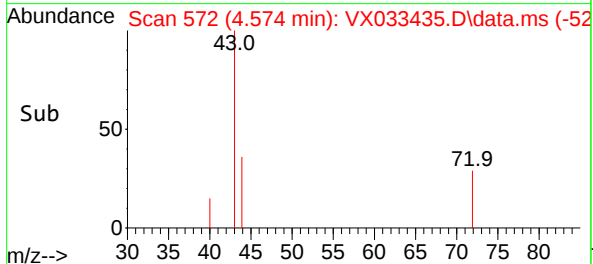
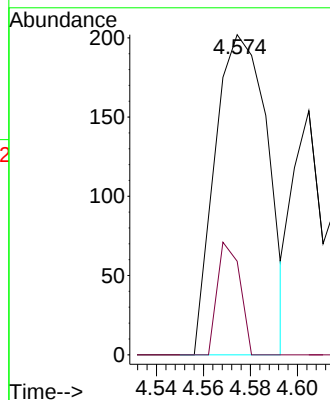
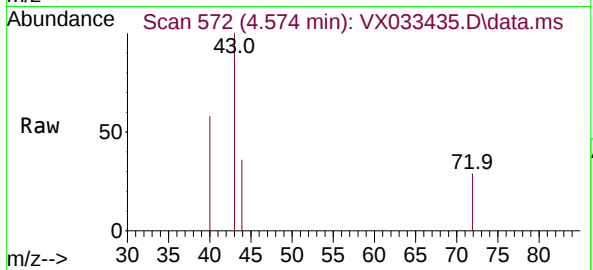




#25
2-Butanone
Concen: 0.529 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

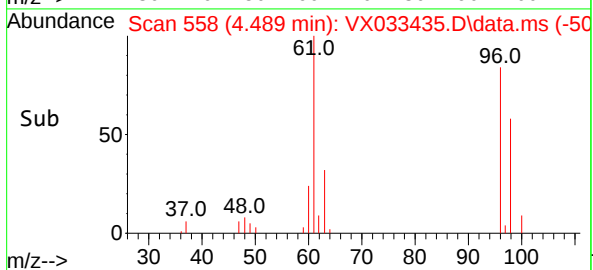
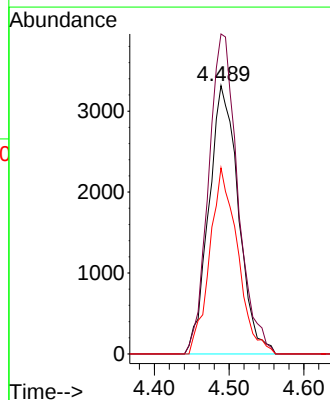
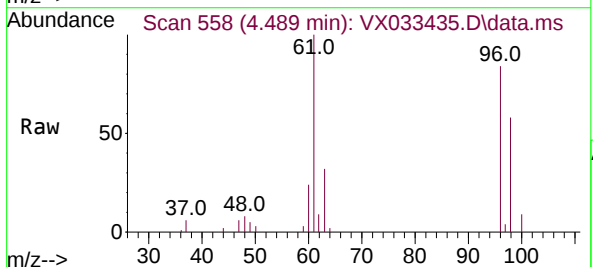
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

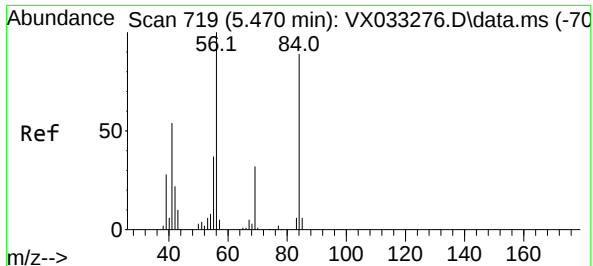
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
72 29.2 22.2 33.2



#27
cis-1,2-Dichloroethene
Concen: 8.796 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 96 Resp: 9131
Ion Ratio Lower Upper
96 100
61 117.7 0.0 286.0
98 65.4 0.0 129.6



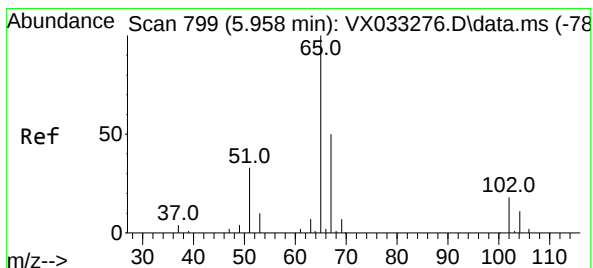
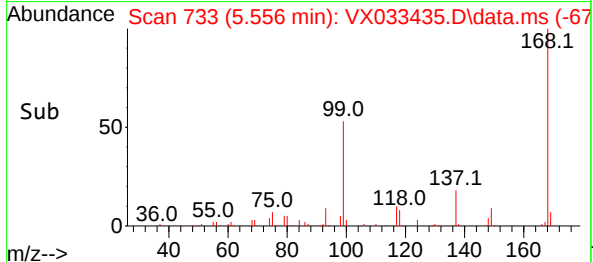
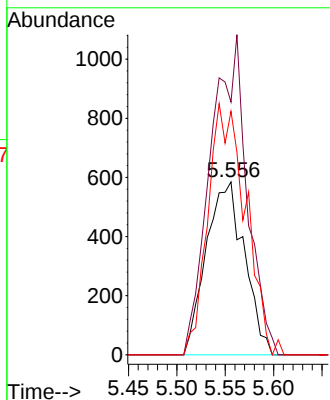
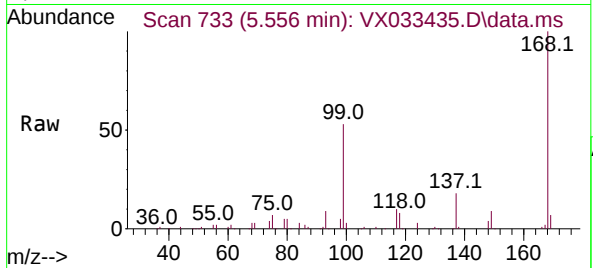


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Instrument : MSVOA_X
ClientSampleId : GW-BR-04-226-245-121422

Tgt Ion: 56 Resp: 1612

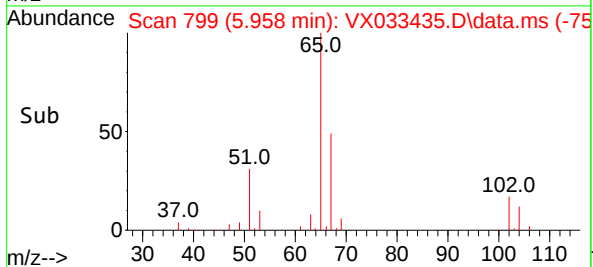
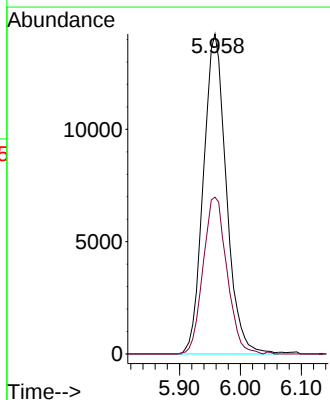
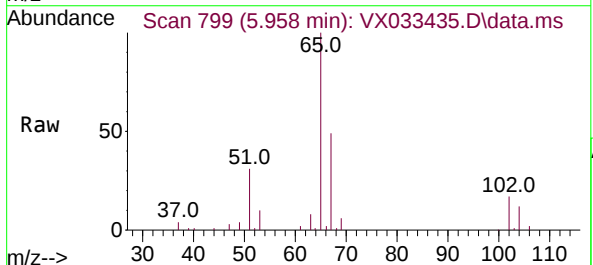
Ion	Ratio	Lower	Upper
56	100		
69	146.2	24.1	36.1#
84	140.9	66.9	100.3#

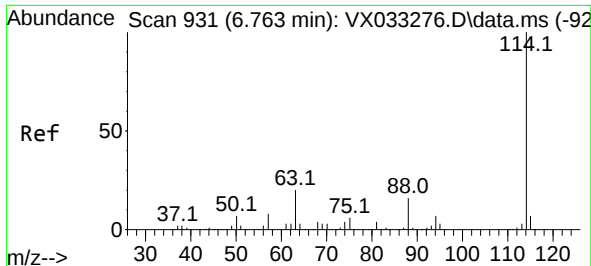


#33
1,2-Dichloroethane-d4
Concen: 66.344 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 65 Resp: 37277

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.8

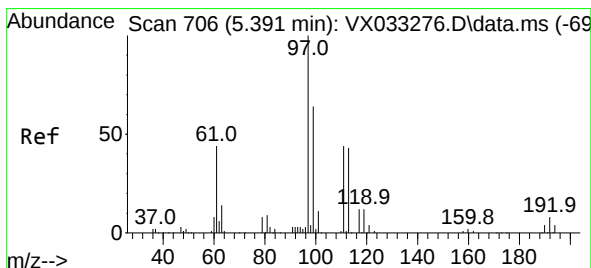
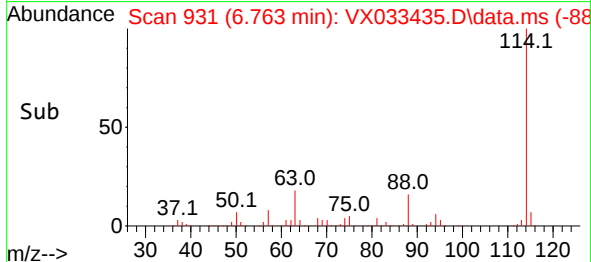
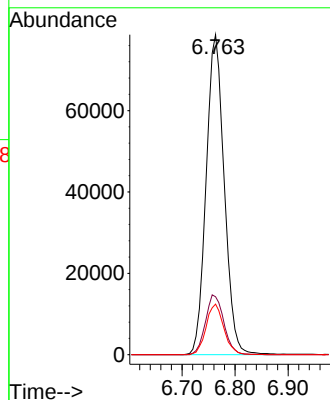
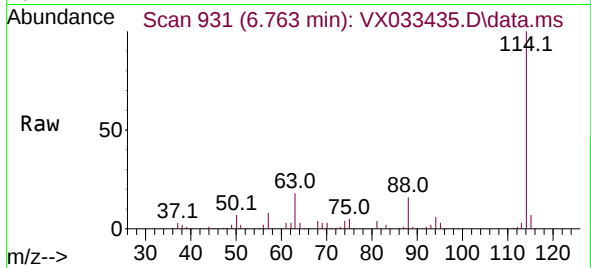




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

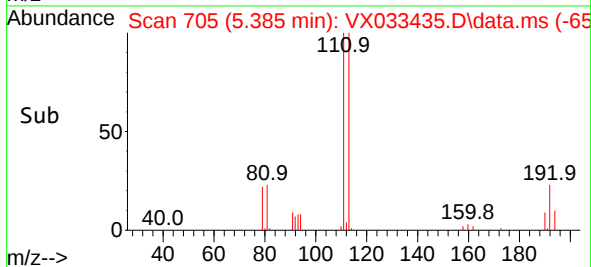
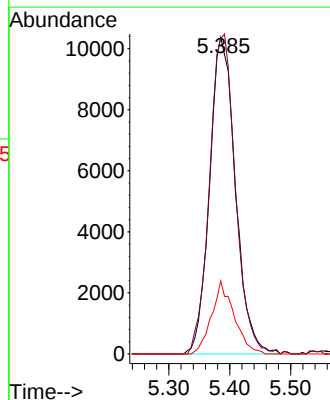
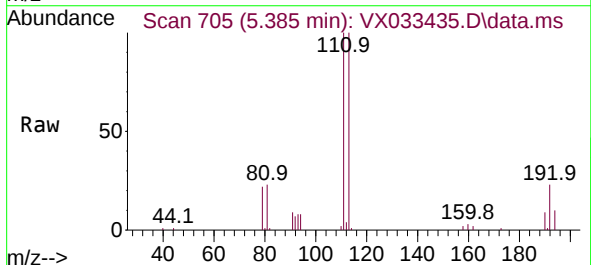
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

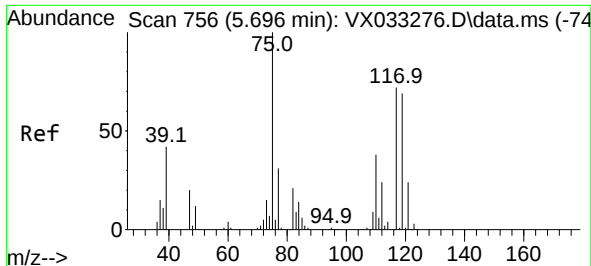
Tgt Ion:114 Resp: 186260
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 36.410 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion:113 Resp: 30503
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 20.2 15.4 23.2





#36

1,1-Dichloropropene

Concen: 3.890 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033435.D

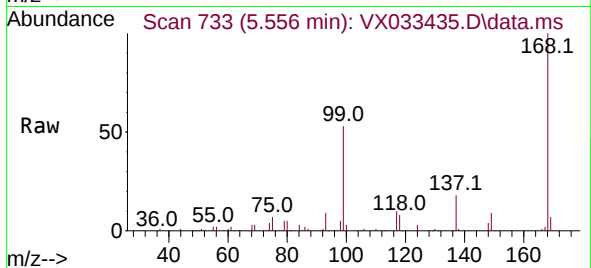
Acq: 15 Dec 2022 12:32

Instrument :

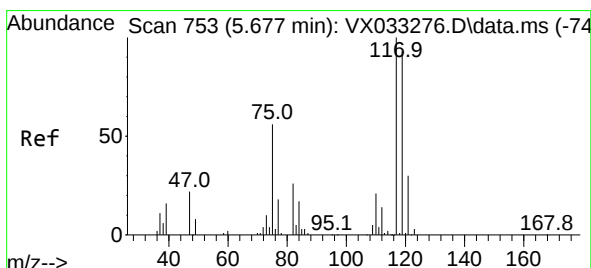
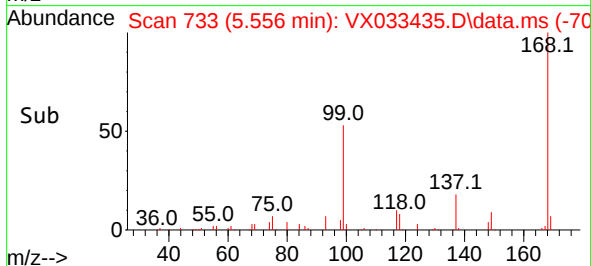
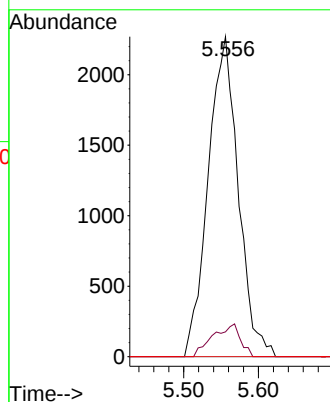
MSVOA_X

ClientSampleId :

GW-BR-04-226-245-121422



Tgt Ion: 75	Resp: 6354
Ion Ratio	Lower Upper
75	100
110	9.3 18.4 55.2#
77	0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 4.578 ug/l

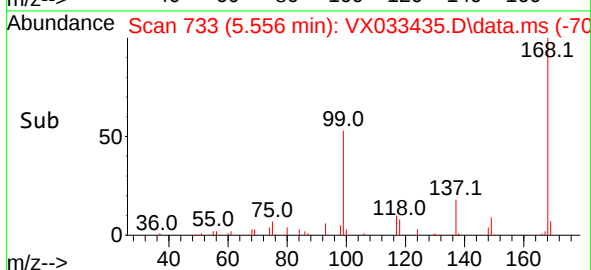
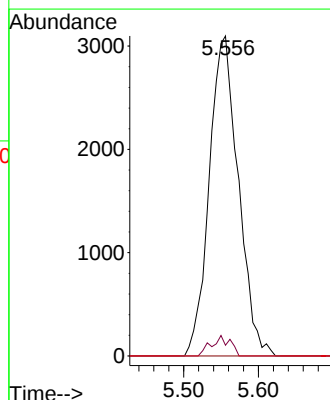
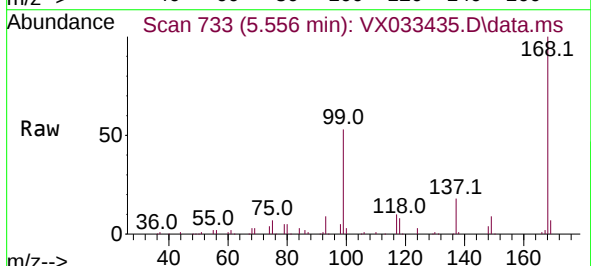
RT: 5.556 min Scan# 733

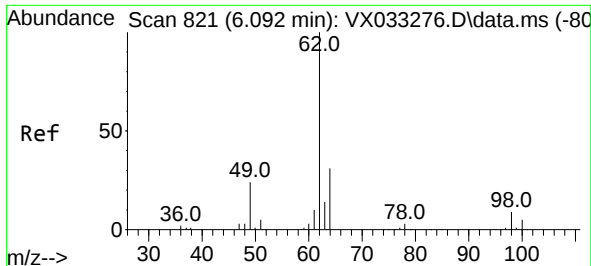
Delta R.T. -0.122 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Tgt Ion: 117	Resp: 8377
Ion Ratio	Lower Upper
117	100
119	3.4 77.2 115.8#
121	0.0 25.8 38.6#





#42

1,2-Dichloroethane

Concen: 0.329 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

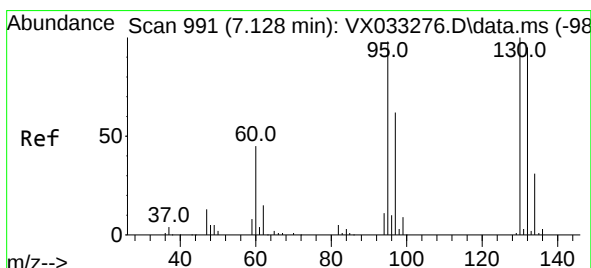
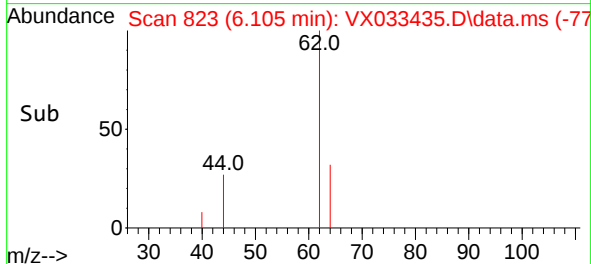
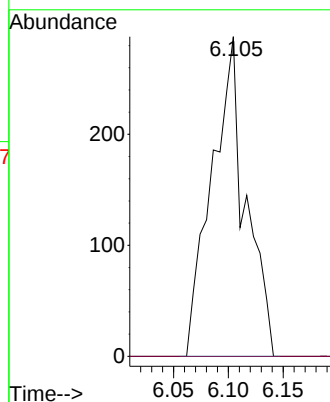
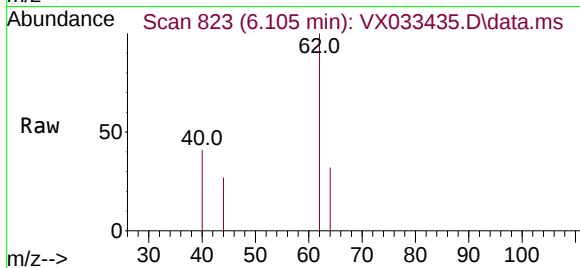
GW-BR-04-226-245-121422

Tgt Ion: 62 Resp: 622

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 5.068 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033435.D

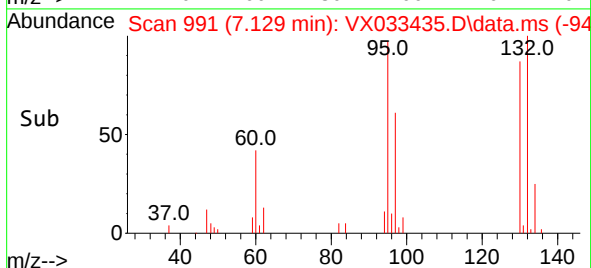
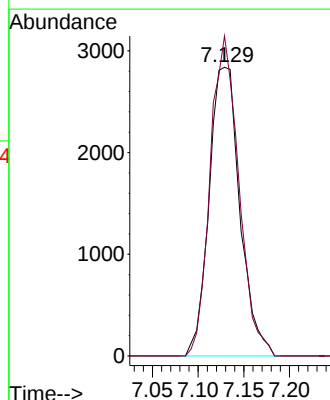
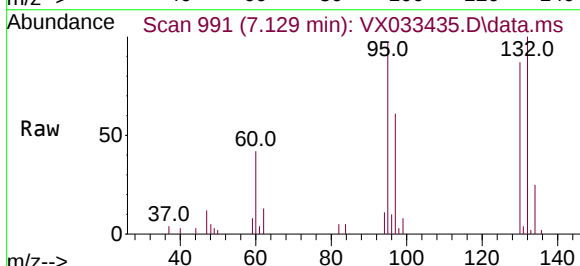
Acq: 15 Dec 2022 12:32

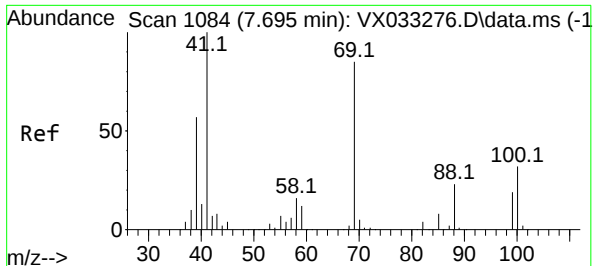
Tgt Ion:130 Resp: 6654

Ion Ratio Lower Upper

130 100

95 110.9 0.0 195.2





#48

Methyl methacrylate

Concen: 0.824 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.013 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-226-245-121422

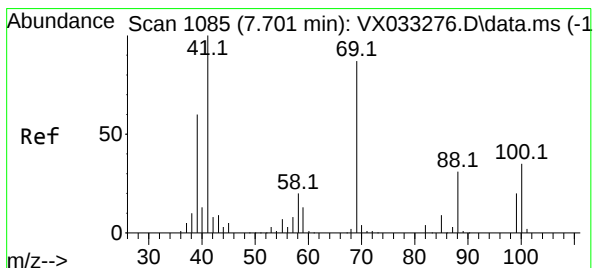
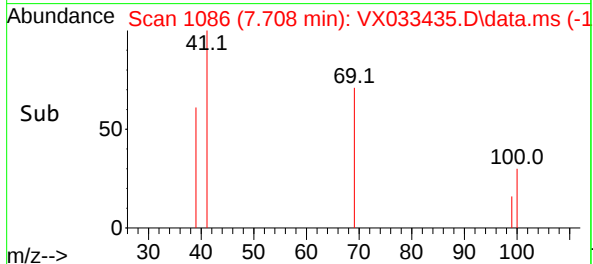
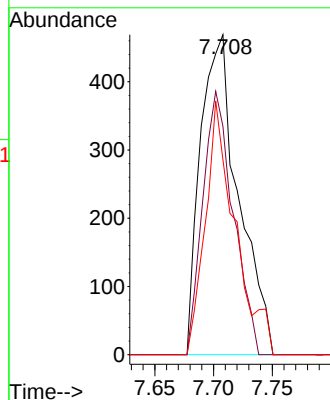
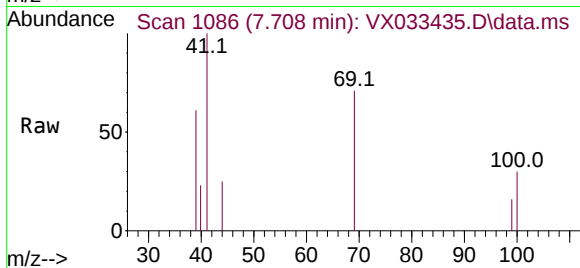
Tgt Ion: 41 Resp: 1056

Ion Ratio Lower Upper

41 100

69 65.9 65.1 97.7

39 62.0 51.9 77.9



#49

1,4-Dioxane

Concen: 5.370 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.024 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

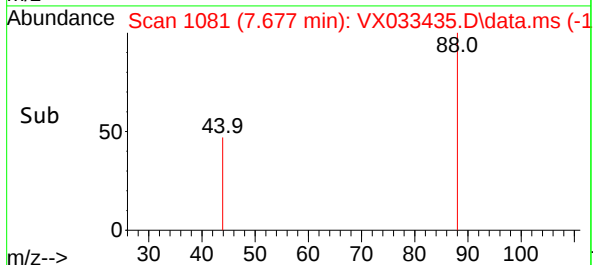
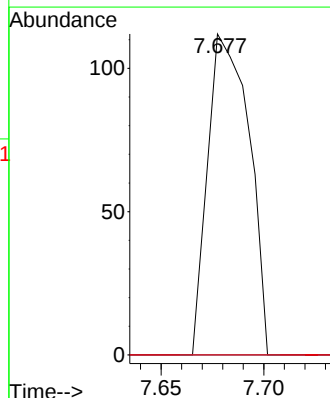
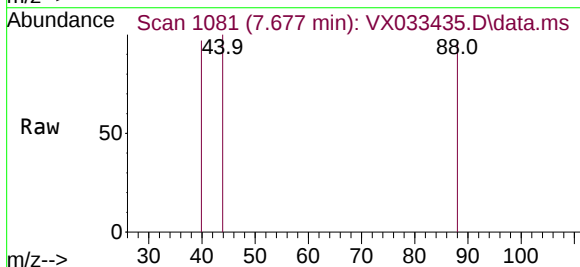
Tgt Ion: 88 Resp: 157

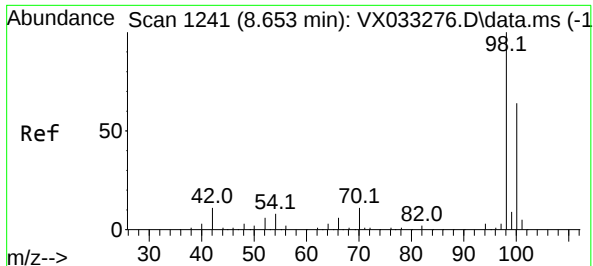
Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 0.0 51.7 77.5#





#50

Toluene-d8

Concen: 49.351 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033435.D

Acq: 15 Dec 2022 12:32

Instrument :

MSVOA_X

ClientSampleId :

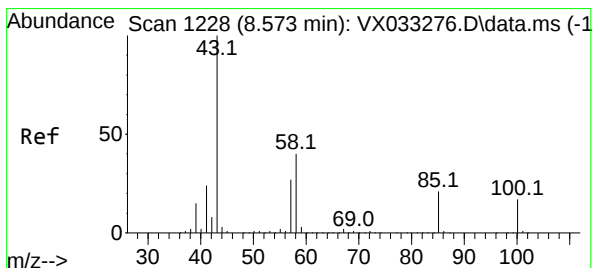
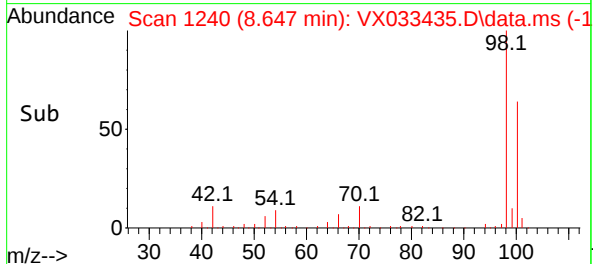
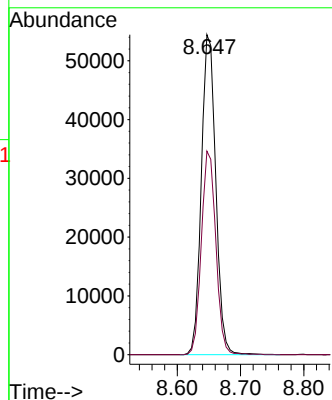
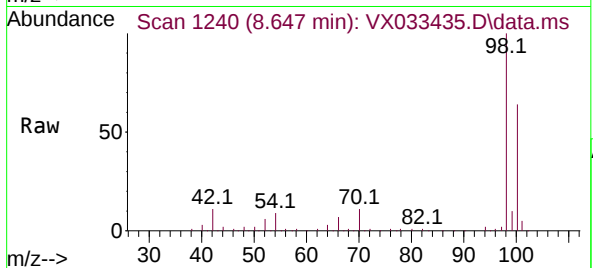
GW-BR-04-226-245-121422

Tgt Ion: 98 Resp: 86490

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.215 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX033435.D

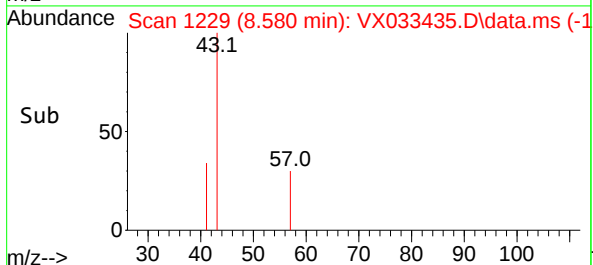
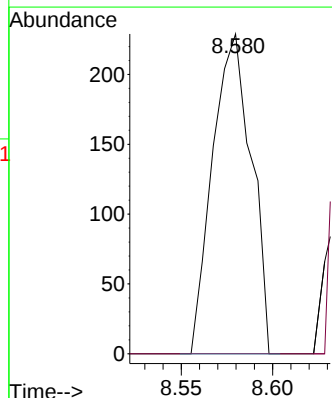
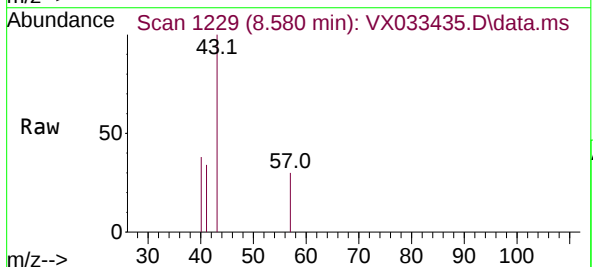
Acq: 15 Dec 2022 12:32

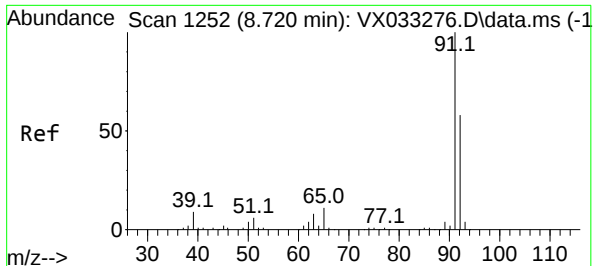
Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

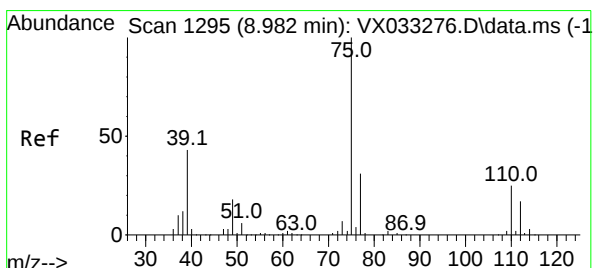
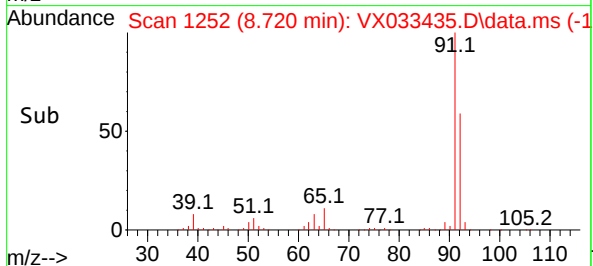
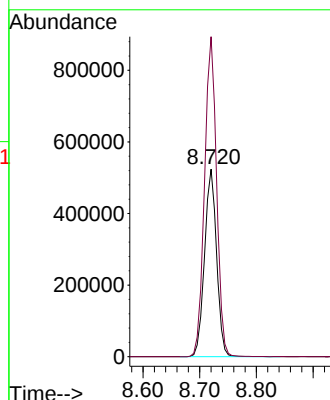
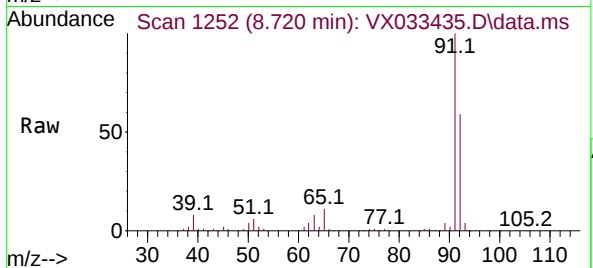




#52
Toluene
Concen: 251.014 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

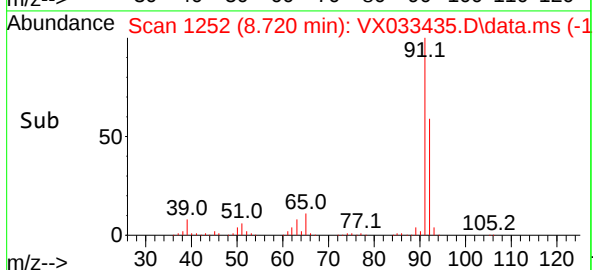
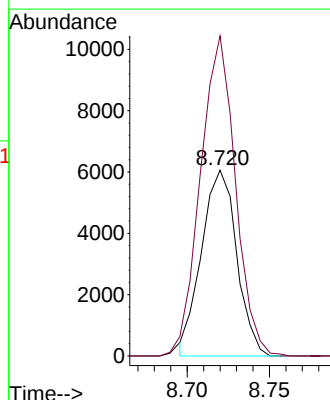
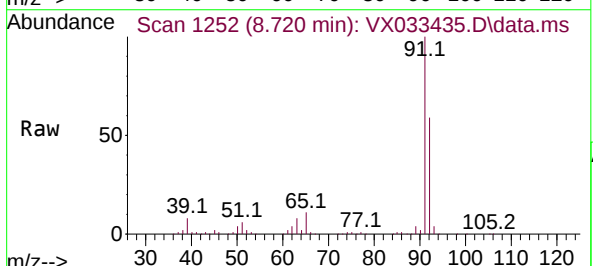
Instrument : MSVOA_X
ClientSampleId : GW-BR-04-226-245-121422

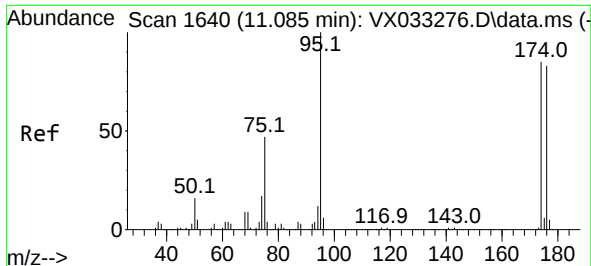
Tgt Ion: 92 Resp: 772896
Ion Ratio Lower Upper
92 100
91 171.0 138.3 207.5



#53
t-1,3-Dichloropropene
Concen: 6.909 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 75 Resp: 9007
Ion Ratio Lower Upper
75 100
77 171.1 25.1 37.7#

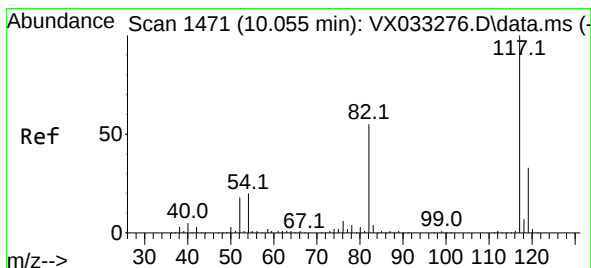
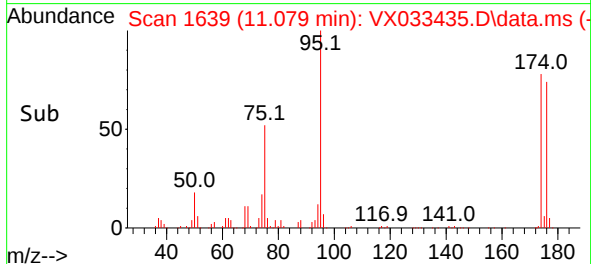
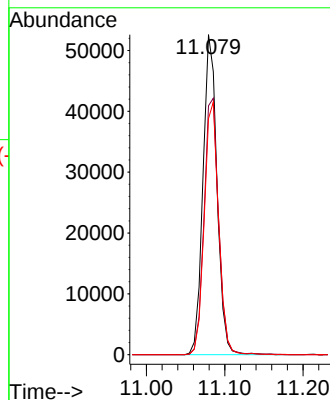
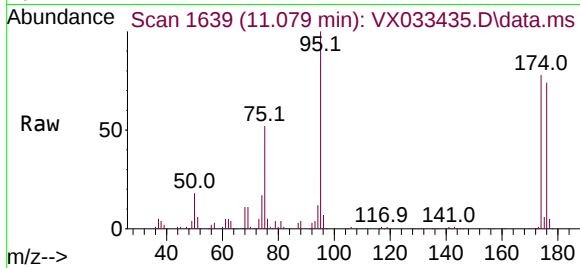




#62
4-Bromofluorobenzene
Concen: 48.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

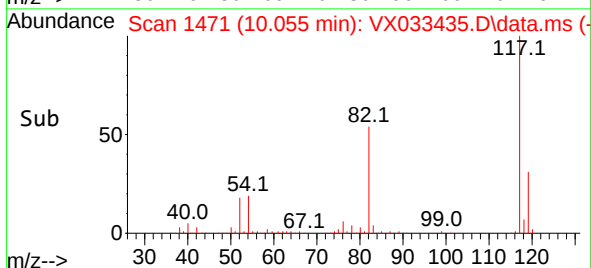
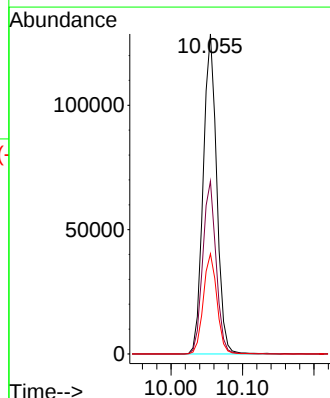
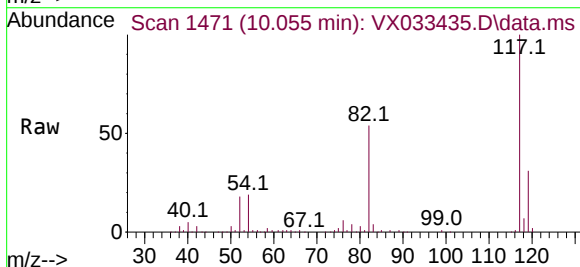
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

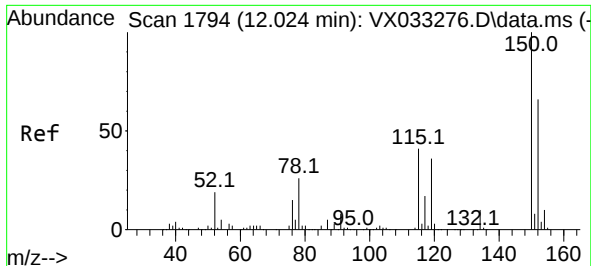
Tgt Ion: 95 Resp: 65521
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 80.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion: 117 Resp: 168967
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.3 25.7 38.5

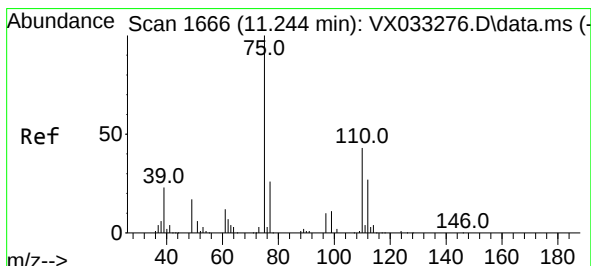
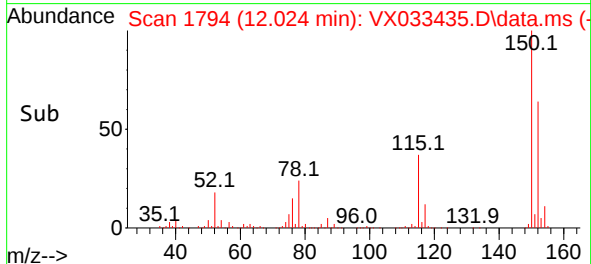
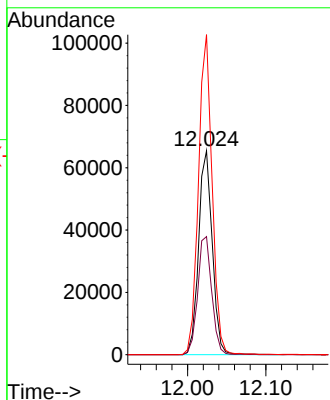
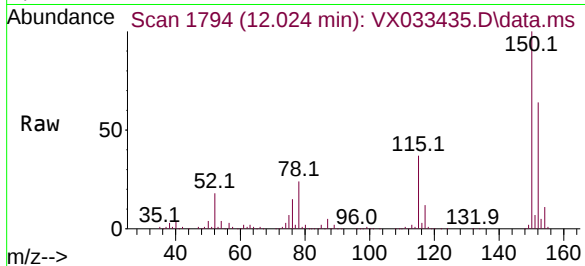




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033435.D
 Acq: 15 Dec 2022 12:32

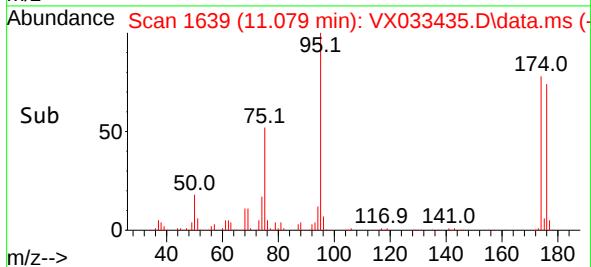
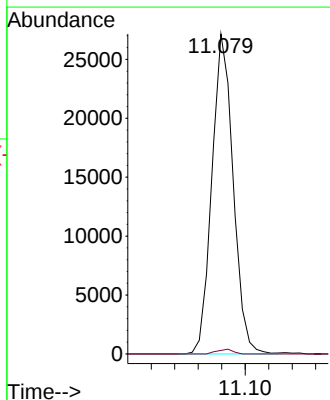
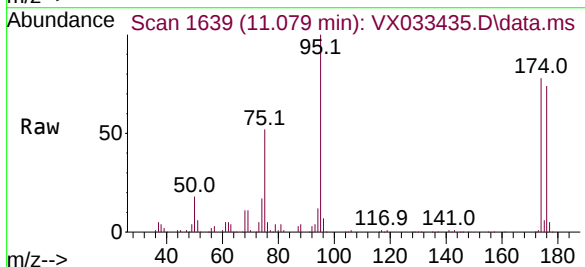
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-226-245-121422

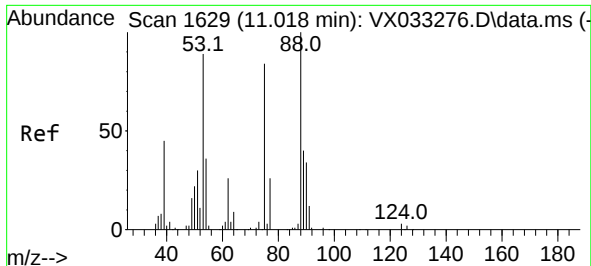
Tgt Ion:152 Resp: 79322
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.0 132.0
 150 157.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.183 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033435.D
 Acq: 15 Dec 2022 12:32

Tgt Ion: 75 Resp: 34185
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#

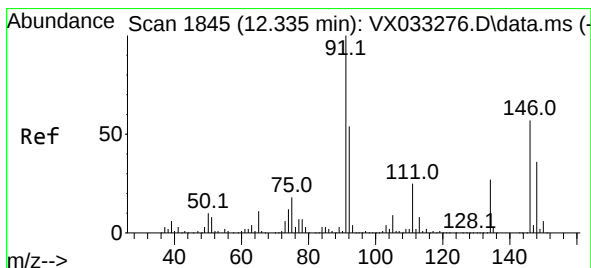
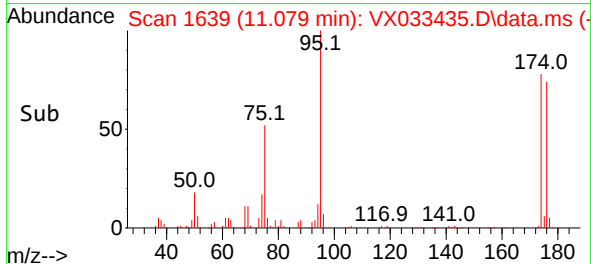
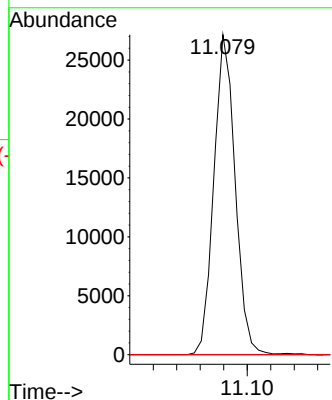
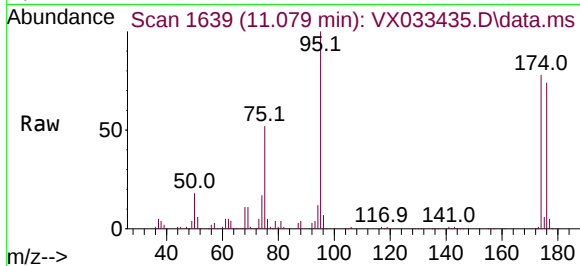




#81
trans-1,4-Dichloro-2-butene
Concen: 65.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-226-245-121422

Tgt Ion: 75 Resp: 34185
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#91
1,2-Dichlorobenzene
Concen: 0.224 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033435.D
Acq: 15 Dec 2022 12:32

Tgt Ion:146 Resp: 589
Ion Ratio Lower Upper
146 100
111 32.3 21.5 64.5
148 62.6 32.0 96.2

