

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033181.D
 Acq On : 02 Dec 2022 13:30
 Operator : JC/MD
 Sample : N5821-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6SDL

Quant Time: Dec 03 04:32:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

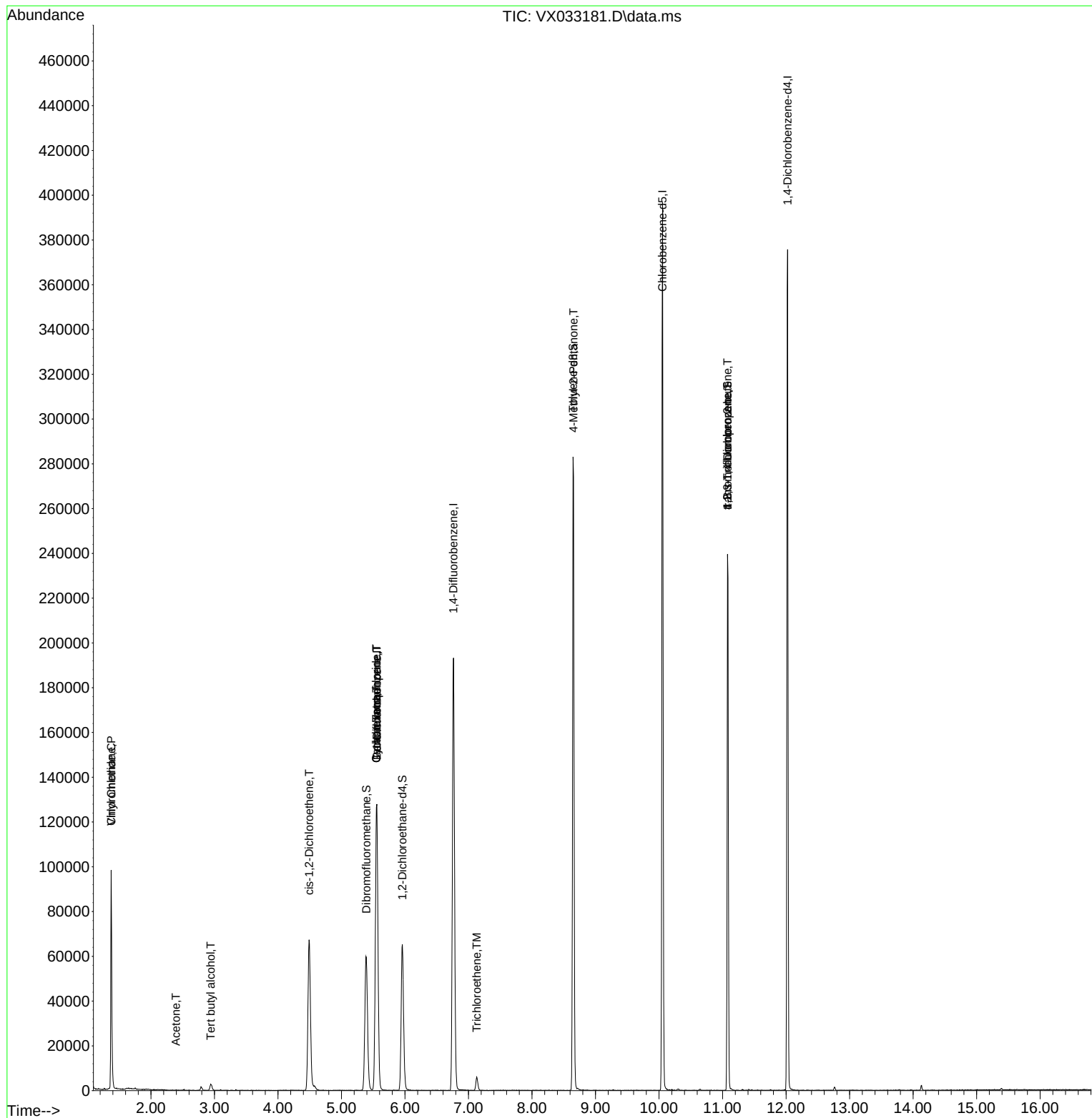
Internal Standards						
1) Pentafluorobenzene	5.556	168	121433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66352	56.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.620%	
35) Dibromofluoromethane	5.391	113	52469	47.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.080%	
50) Toluene-d8	8.646	98	171628	51.761	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	11.079	95	63088	43.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.373	50	509	0.508	ug/l #	43
4) Vinyl Chloride	1.373	62	63728	57.147	ug/l	99
11) Tert butyl alcohol	2.940	59	1910	10.189	ug/l #	72
16) Acetone	2.392	43	185	0.335	ug/l #	45
20) Methylene Chloride	2.788	84	729	Below Cal		91
27) cis-1,2-Dichloroethene	4.489	96	42993	31.216	ug/l	91
31) Cyclohexane	5.549	56	2570	1.341	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9364	5.306	ug/l #	49
38) Carbon Tetrachloride	5.549	117	12465	6.367	ug/l #	15
44) Trichloroethene	7.128	130	2489	1.793	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	787	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33901	22.884	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33901	74.385	ug/l #	6

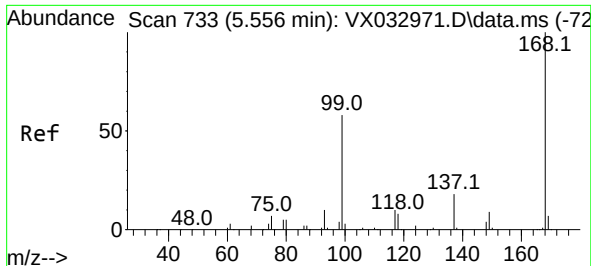
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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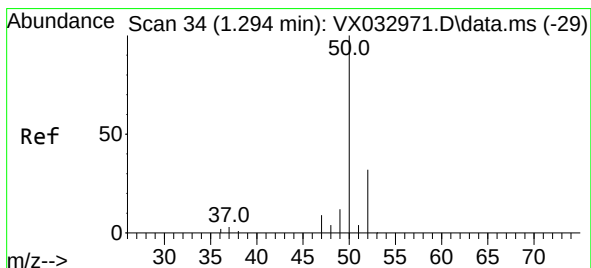
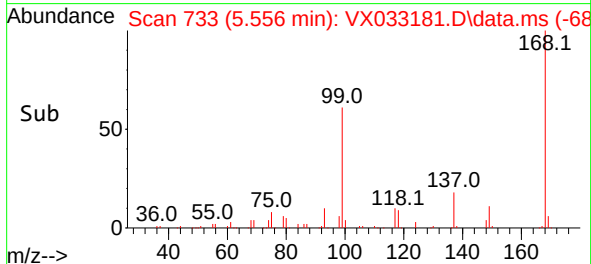
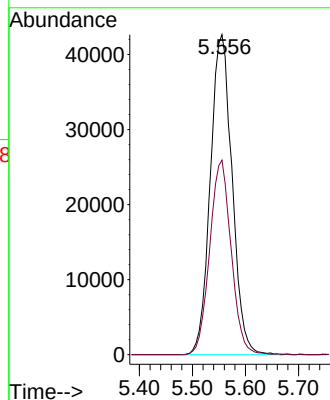
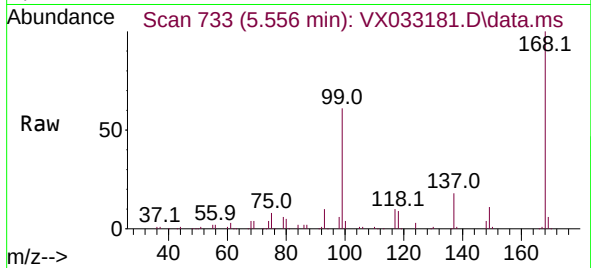




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

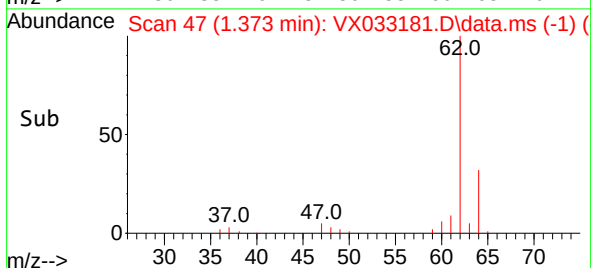
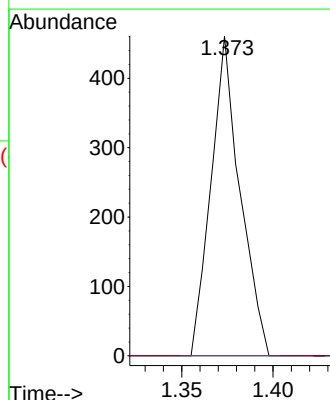
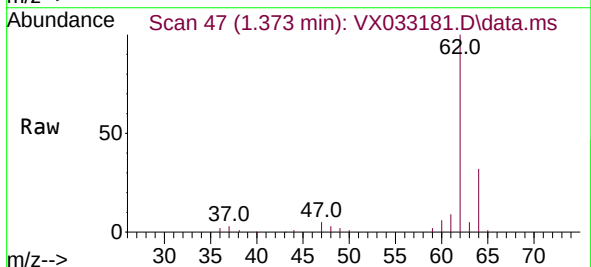
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6SDL

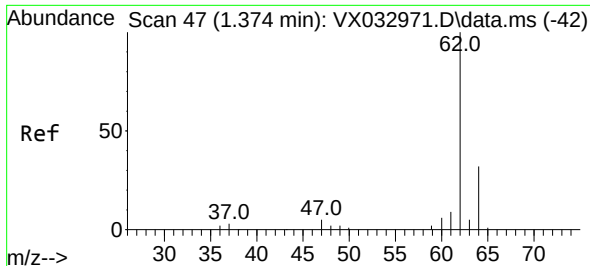
Tgt Ion:168 Resp: 121433
Ion Ratio Lower Upper
168 100
99 60.8 46.1 69.1



#3
Chloromethane
Concen: 0.508 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.079 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

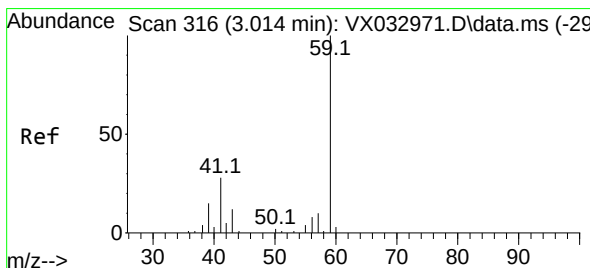
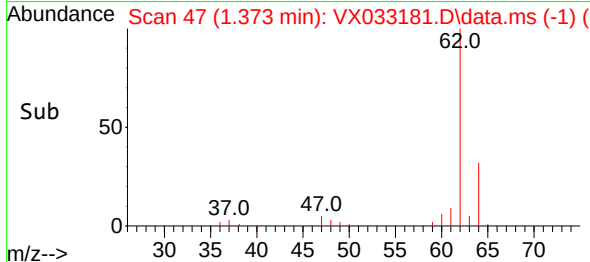
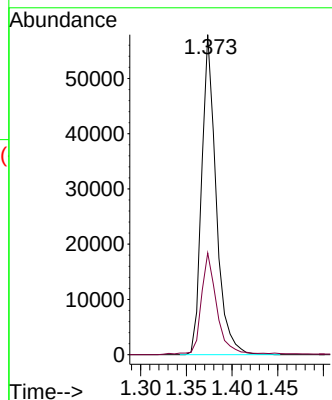
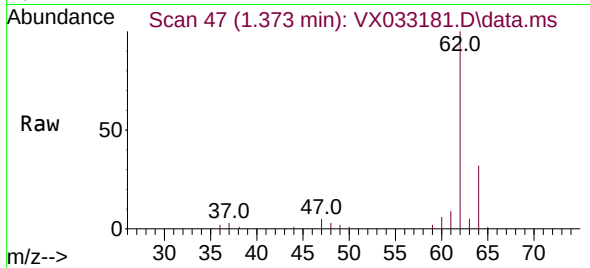




#4
 Vinyl Chloride
 Concen: 57.147 ug/l
 RT: 1.373 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX033181.D
 Acq: 02 Dec 2022 13:30

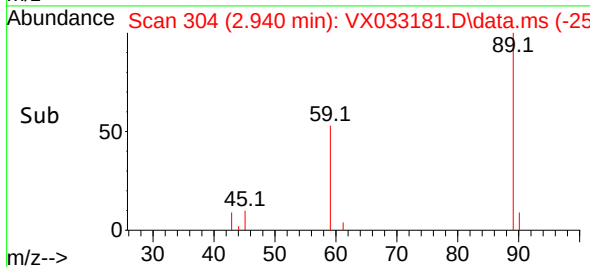
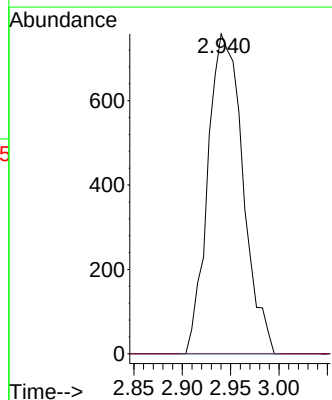
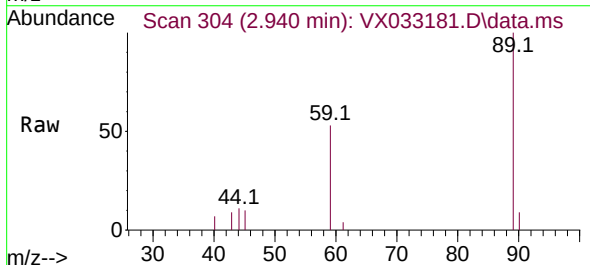
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6SDL

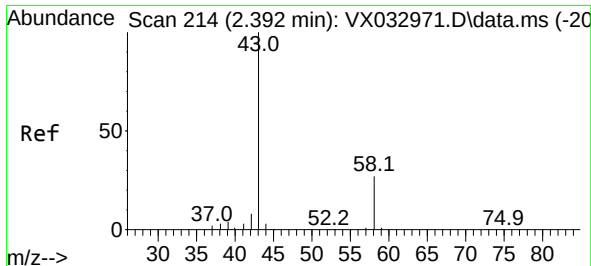
Tgt Ion: 62 Resp: 63728
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.8 38.6



#11
 Tert butyl alcohol
 Concen: 10.189 ug/l
 RT: 2.940 min Scan# 304
 Delta R.T. -0.025 min
 Lab File: VX033181.D
 Acq: 02 Dec 2022 13:30

Tgt Ion: 59 Resp: 1910
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

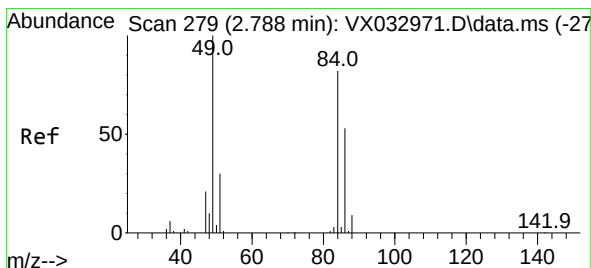
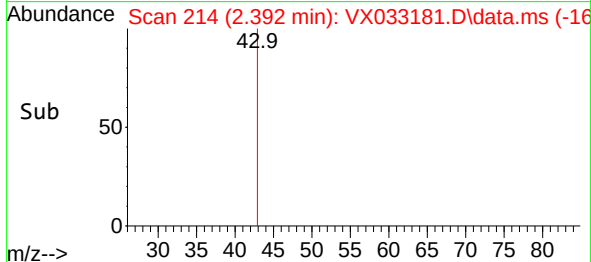
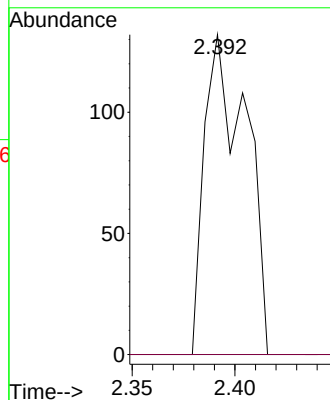
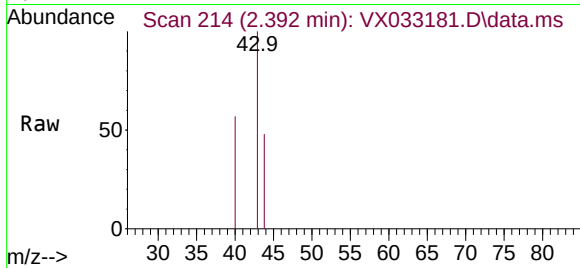




#16
Acetone
Concen: 0.335 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

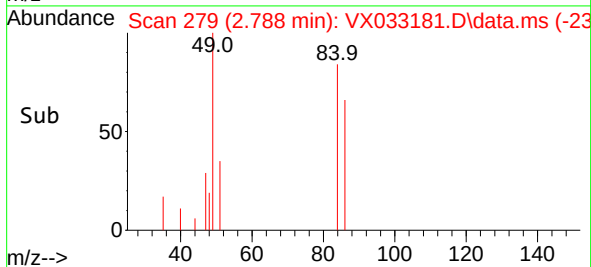
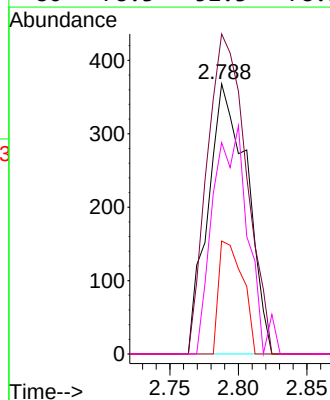
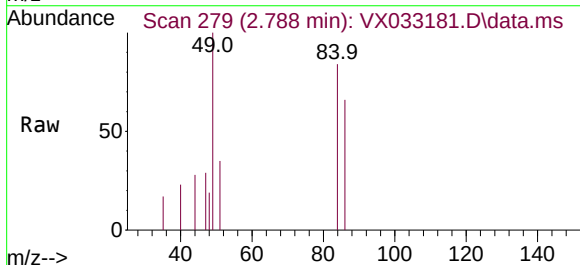
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6SDL

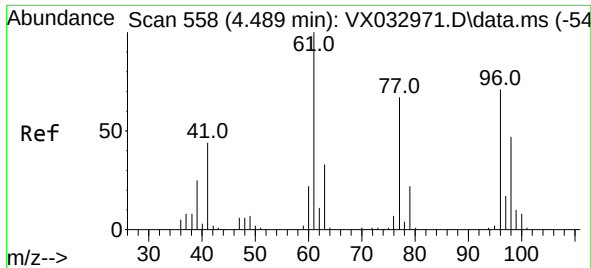
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Tgt Ion: 84 Resp: 729
Ion Ratio Lower Upper
84 100
49 118.5 101.0 151.6
51 41.8 31.1 46.7
86 78.3 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 31.216 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6SDL

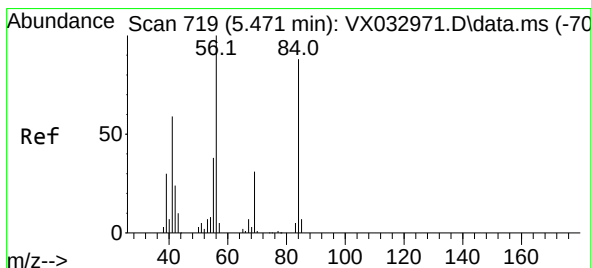
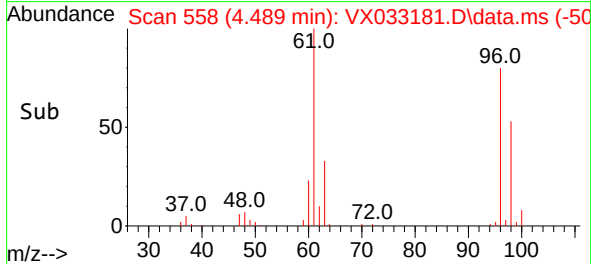
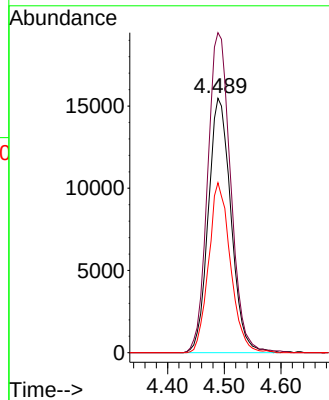
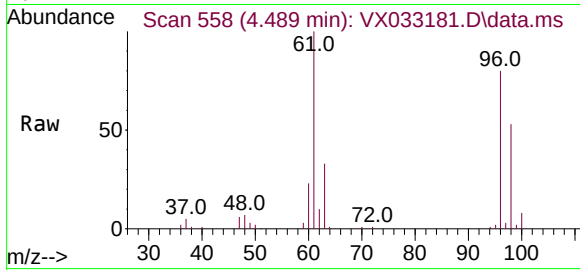
Tgt Ion: 96 Resp: 42993

Ion Ratio Lower Upper

96 100

61 127.7 0.0 286.0

98 64.4 0.0 129.6



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

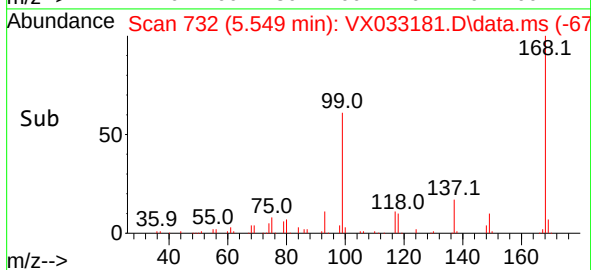
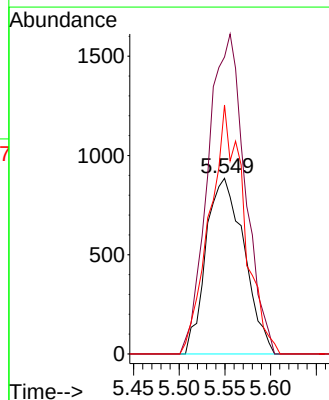
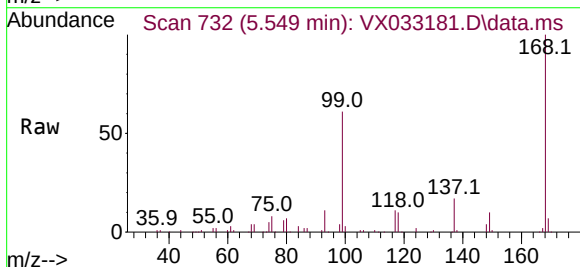
Tgt Ion: 56 Resp: 2570

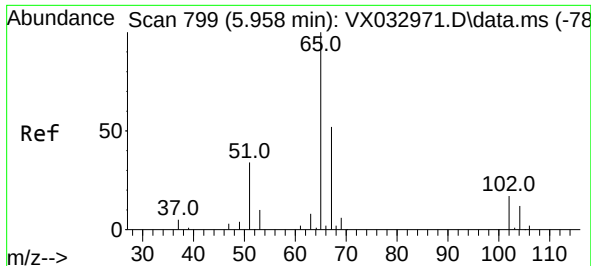
Ion Ratio Lower Upper

56 100

69 169.0 24.1 36.1#

84 141.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 56.314 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

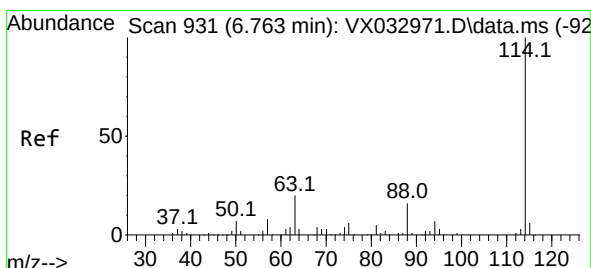
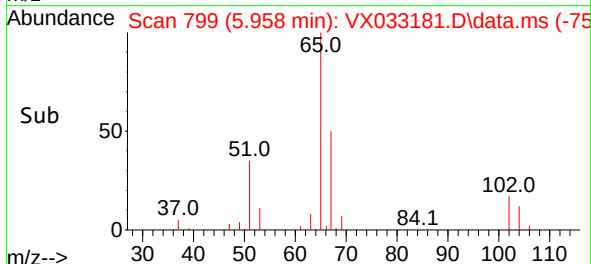
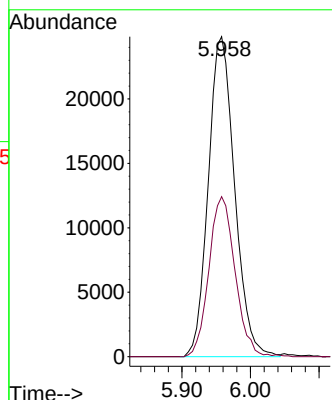
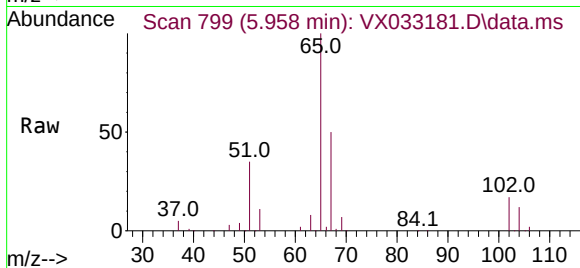
22-MW-6SDL

Tgt Ion: 65 Resp: 66352

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

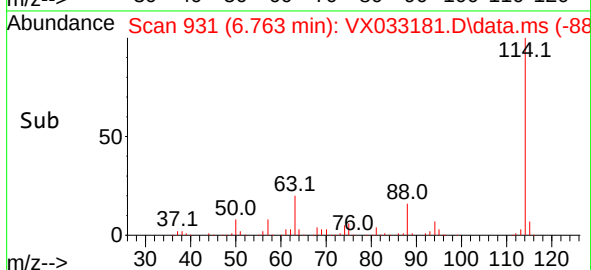
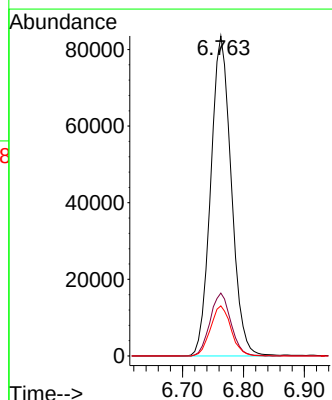
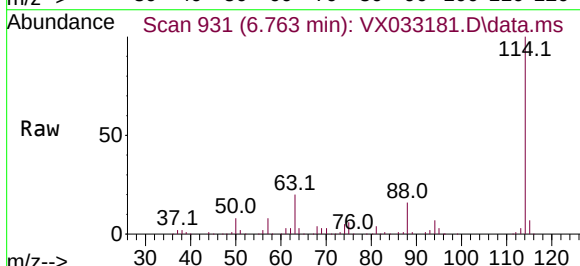
Tgt Ion: 114 Resp: 195762

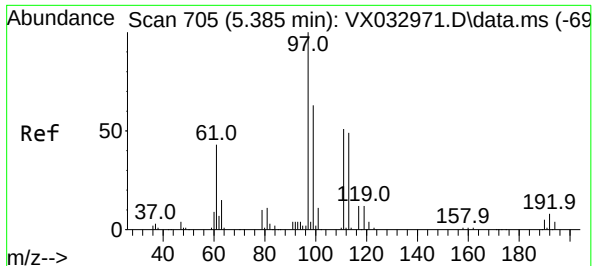
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.542 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6SDL

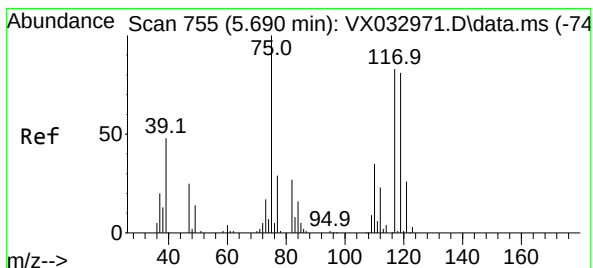
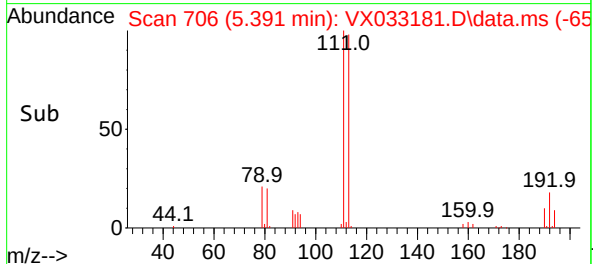
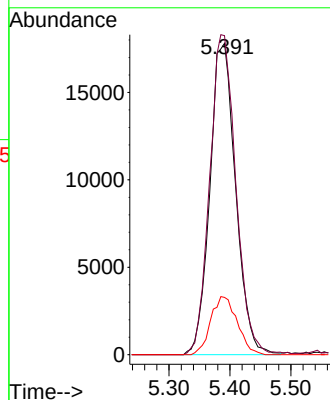
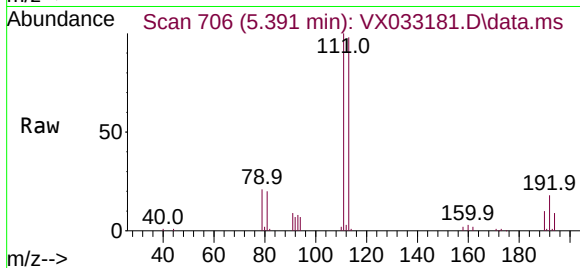
Tgt Ion:113 Resp: 52469

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 19.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.306 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033181.D

Acq: 02 Dec 2022 13:30

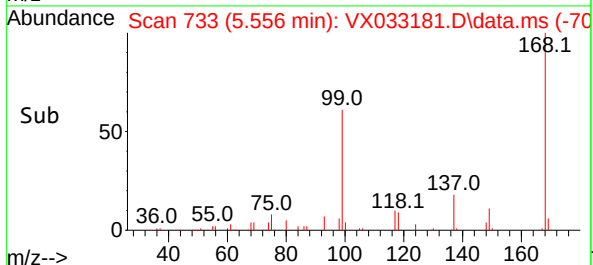
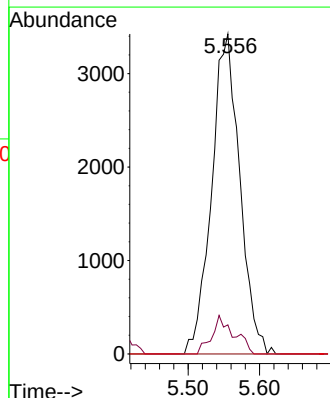
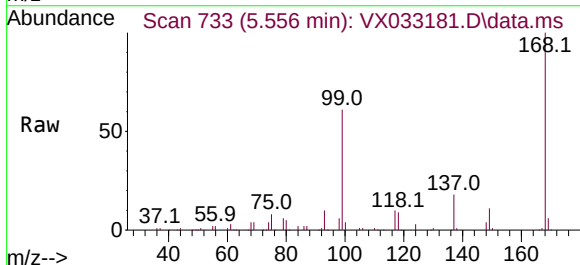
Tgt Ion: 75 Resp: 9364

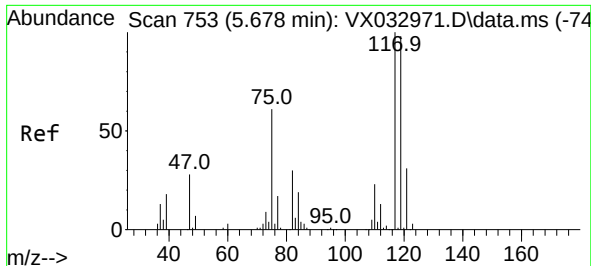
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

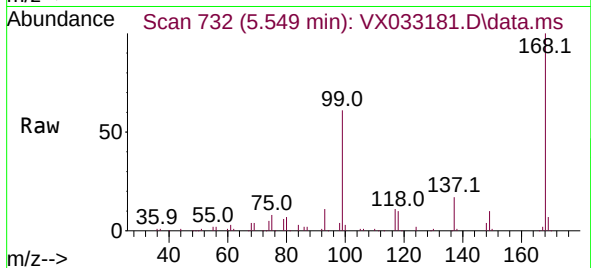
77 0.0 24.5 36.7#



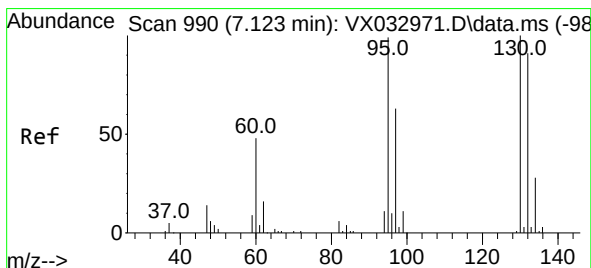
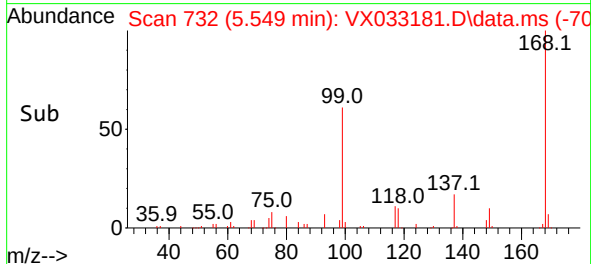
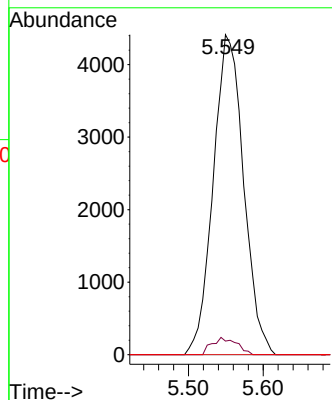


#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Instrument :
MSVOA_X
ClientSampleId :
22-MW-6SDL

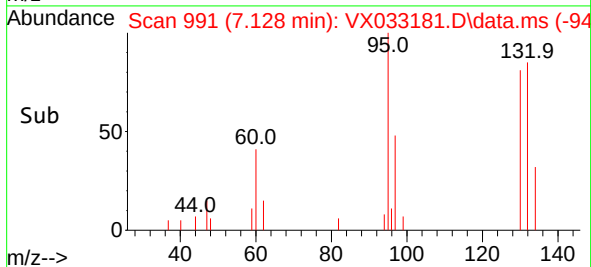
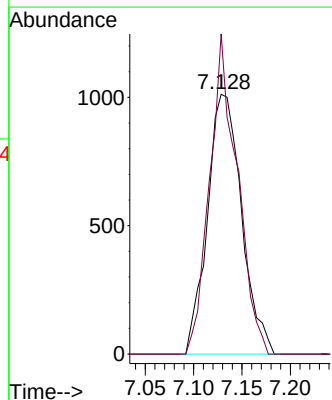
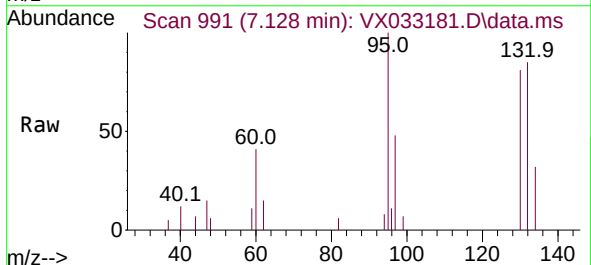


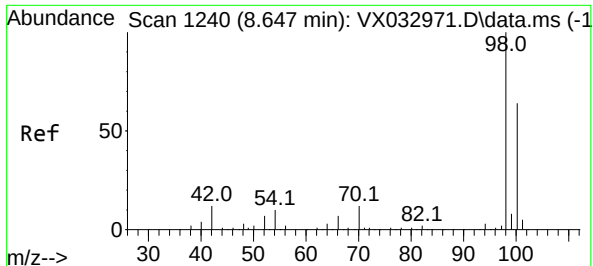
Tgt Ion:117 Resp: 12465
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 1.793 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Tgt Ion:130 Resp: 2489
Ion Ratio Lower Upper
130 100
95 123.2 0.0 195.2

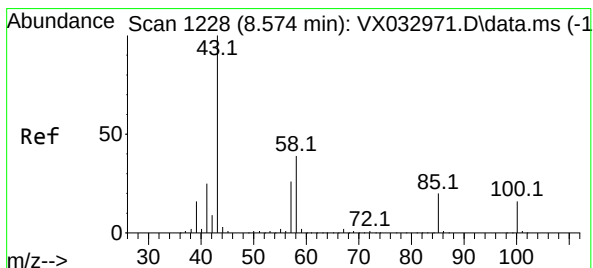
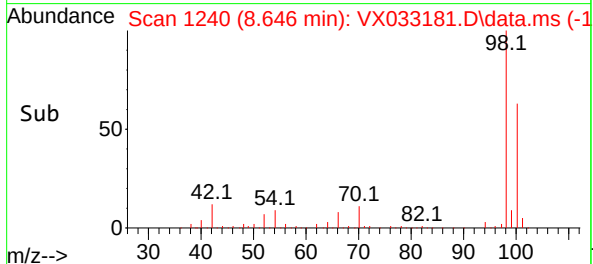
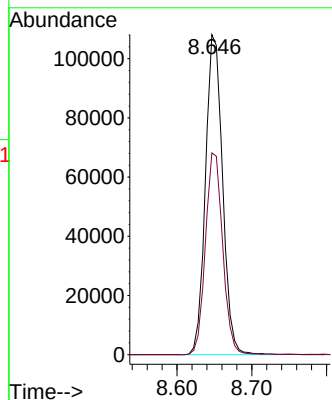
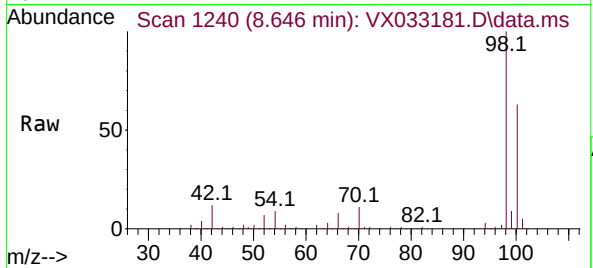




#50
Toluene-d8
Concen: 51.761 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

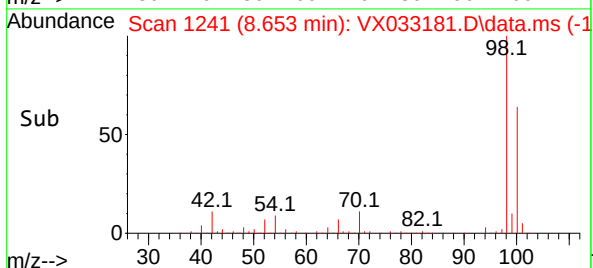
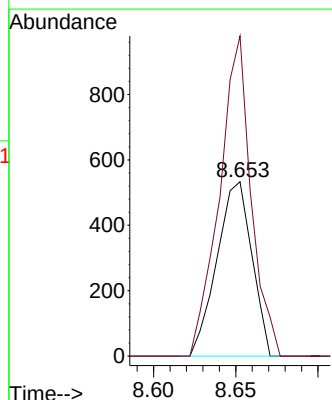
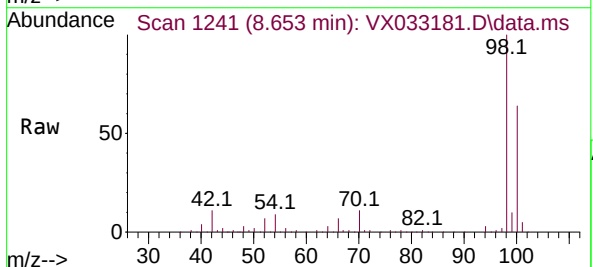
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6SDL

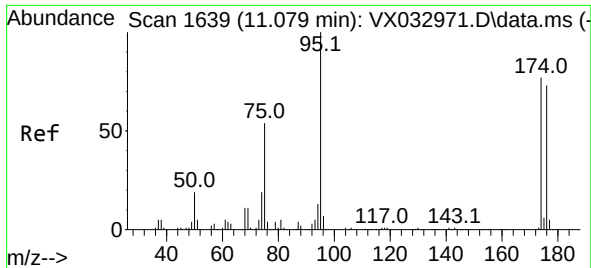
Tgt Ion: 98 Resp: 171628
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 166.6 30.9 46.3#

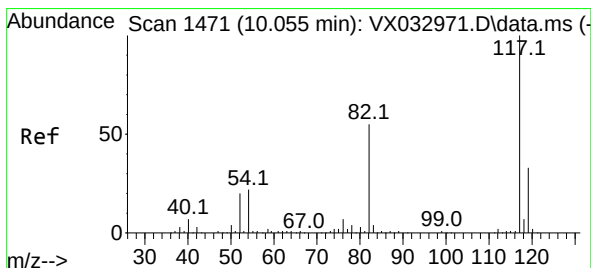
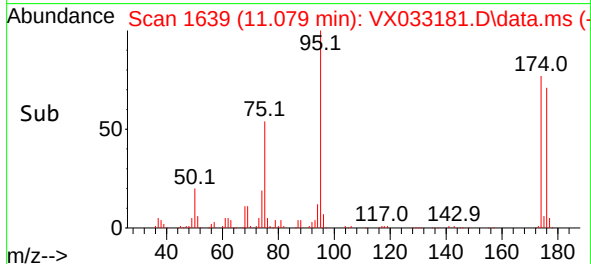
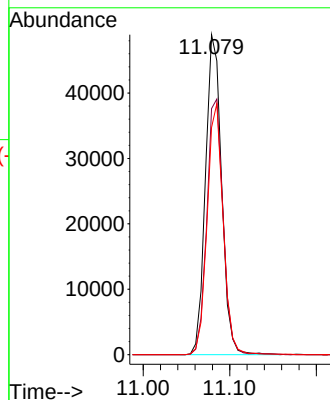
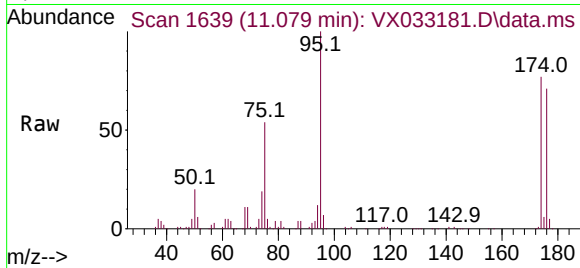




#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

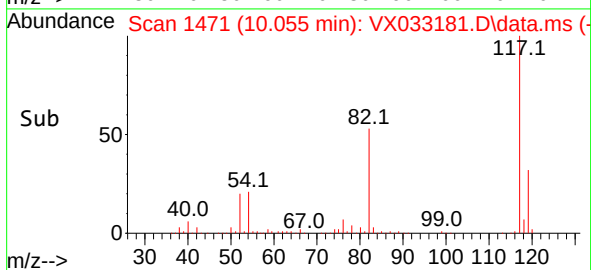
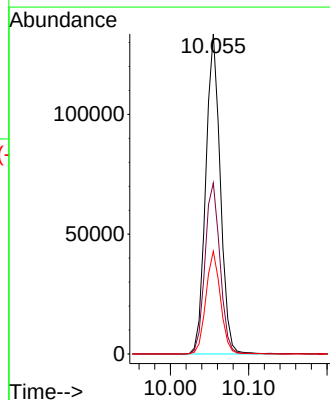
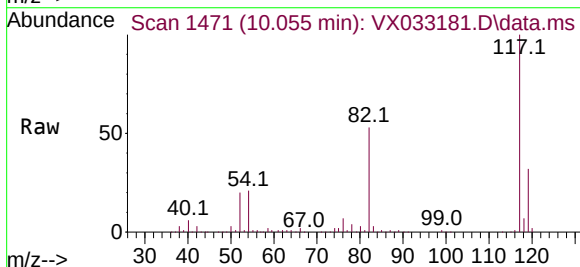
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6SDL

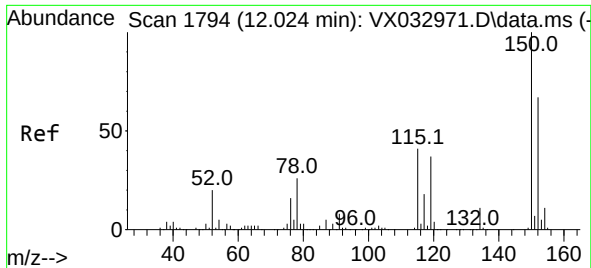
Tgt Ion: 95 Resp: 63088
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 78.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033181.D
Acq: 02 Dec 2022 13:30

Tgt Ion: 117 Resp: 171979
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.1 25.7 38.5

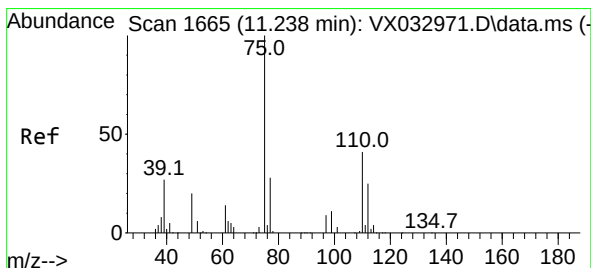
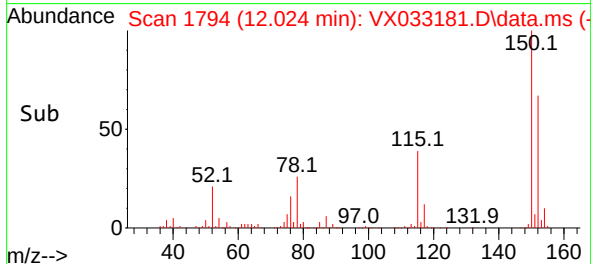
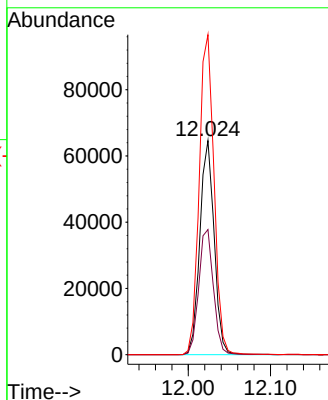
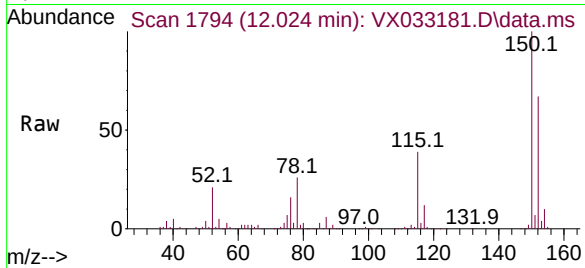




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033181.D
 Acq: 02 Dec 2022 13:30

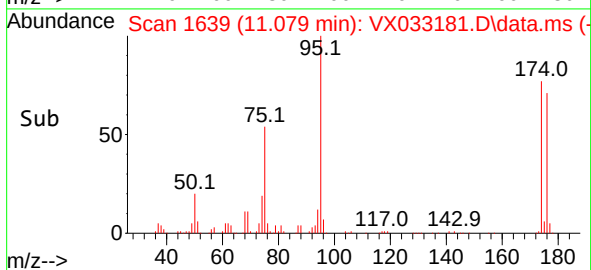
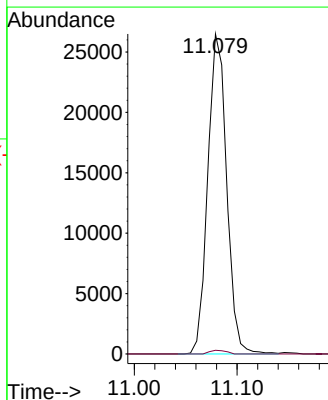
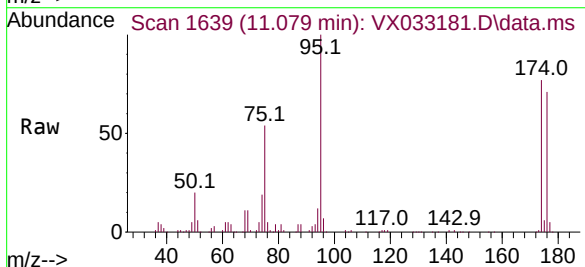
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6SDL

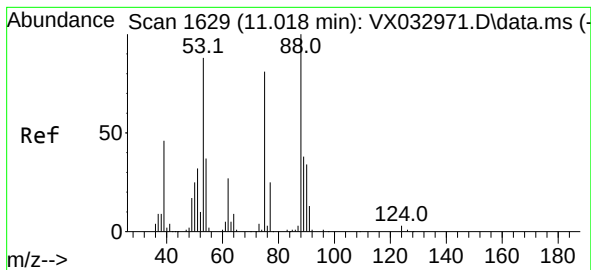
Tgt Ion:152 Resp: 78222
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.0 132.0
 150 154.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.884 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033181.D
 Acq: 02 Dec 2022 13:30

Tgt Ion: 75 Resp: 33901
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.385 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033181.D
 Acq: 02 Dec 2022 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6SDL

Tgt Ion: 75 Resp: 33901
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

