

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033165.D
 Acq On : 01 Dec 2022 15:55
 Operator : JC/MD
 Sample : N5821-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-3I

Quant Time: Dec 02 00:52:59 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)

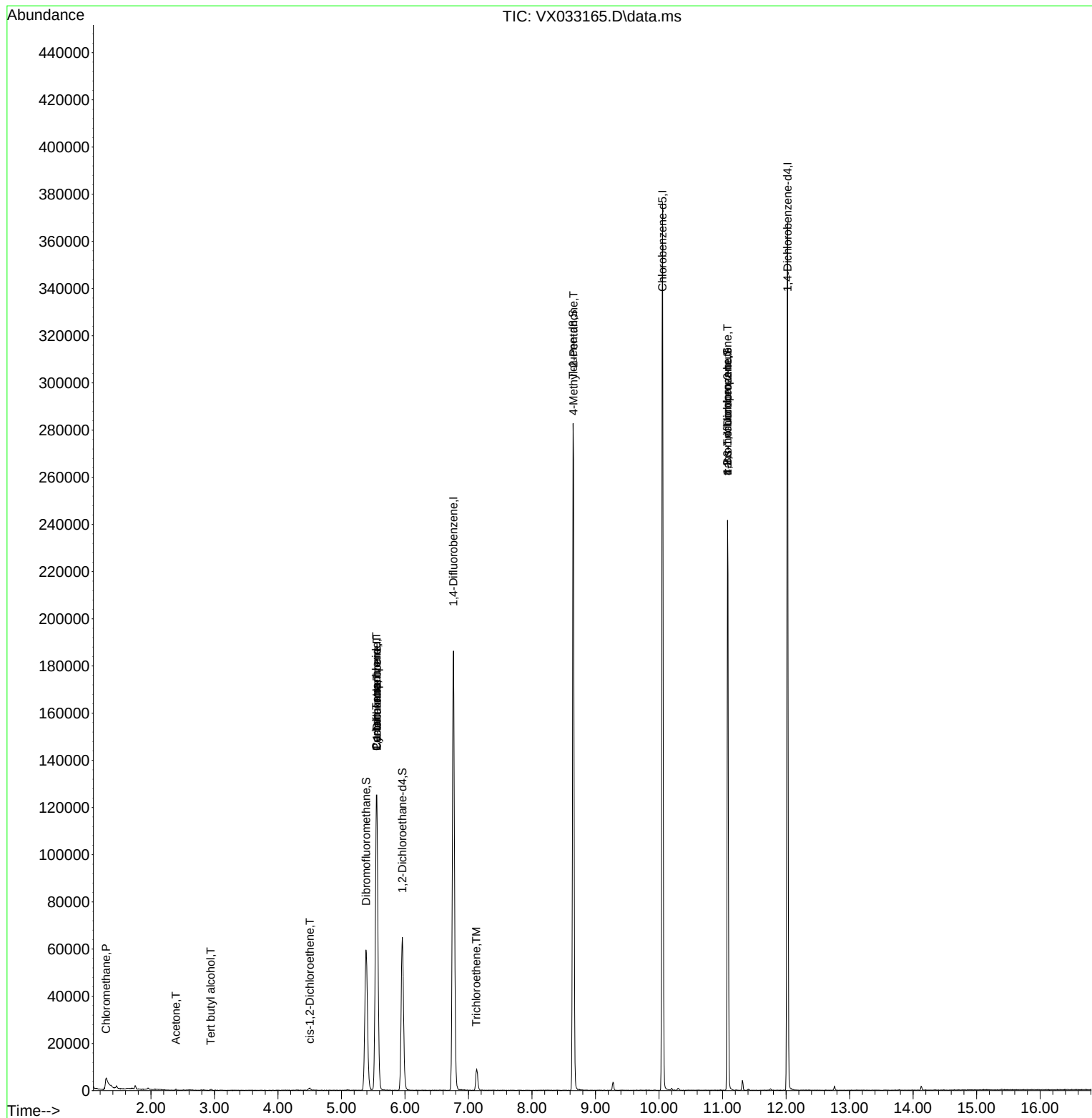
Internal Standards						
1) Pentafluorobenzene	5.556	168	119859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65721	56.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.040%
35) Dibromofluoromethane	5.385	113	53048	49.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.647	98	168922	52.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.620%
62) 4-Bromofluorobenzene	11.079	95	62367	44.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	353	0.357	ug/l #	43
11) Tert butyl alcohol	2.940	59	225	1.216	ug/l #	72
16) Acetone	2.392	43	424	0.778	ug/l	91
20) Methylene Chloride	2.788	84	91	Below Cal	#	58
27) cis-1,2-Dichloroethene	4.501	96	700	0.515	ug/l	79
31) Cyclohexane	5.556	56	2621	1.386	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	9271	5.392	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12597	6.604	ug/l #	16
44) Trichloroethene	7.122	130	3677	2.718	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	725	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33459	23.104	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33459	75.099	ug/l #	6

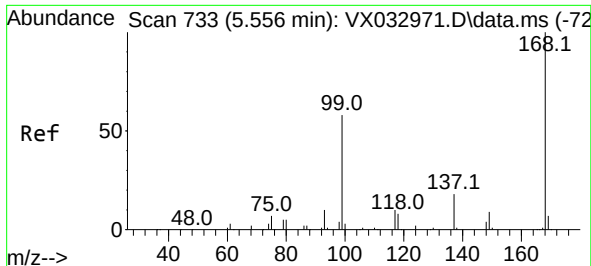
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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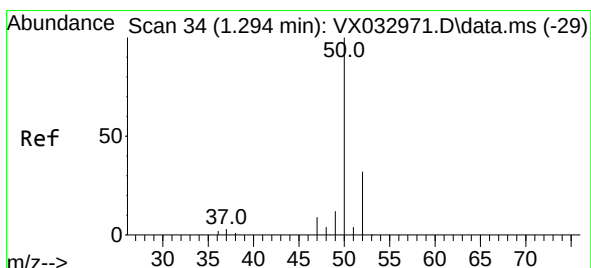
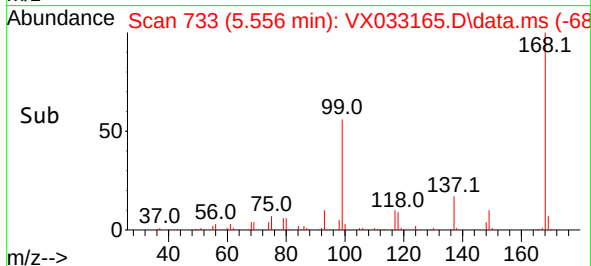
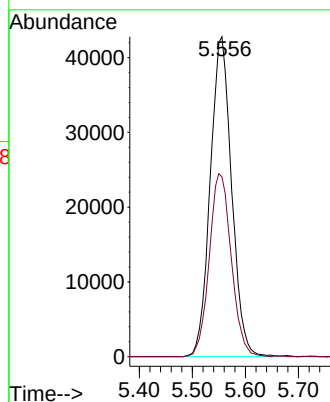
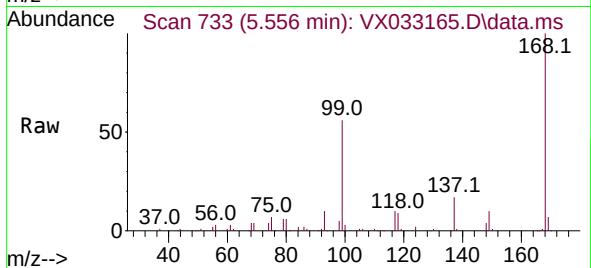




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

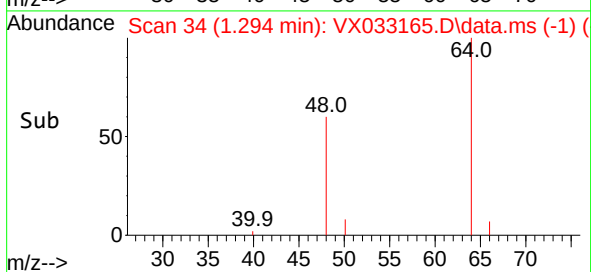
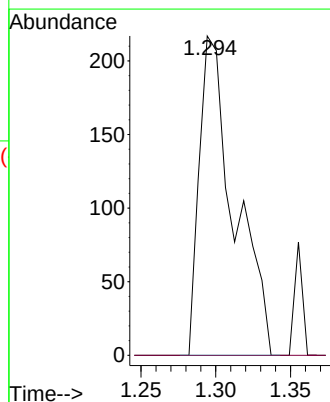
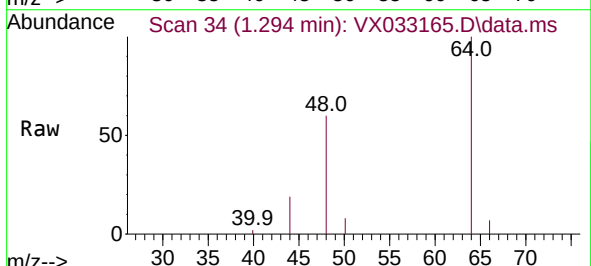
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

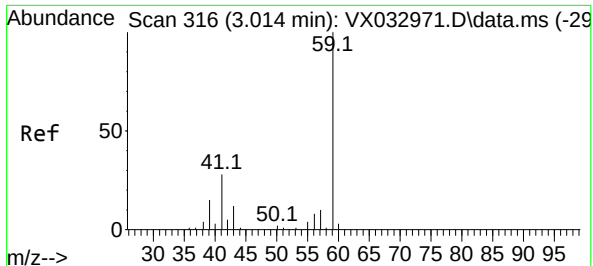
Tgt Ion:168 Resp: 119859
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.216 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.025 min

Lab File: VX033165.D

Acq: 01 Dec 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

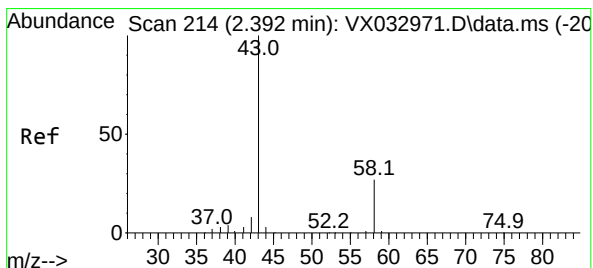
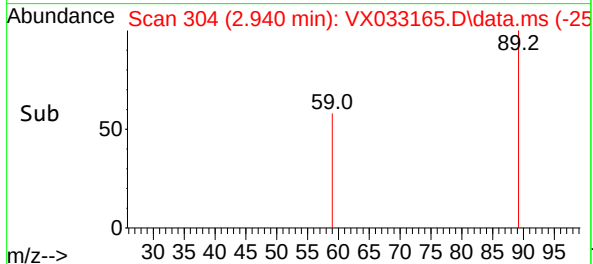
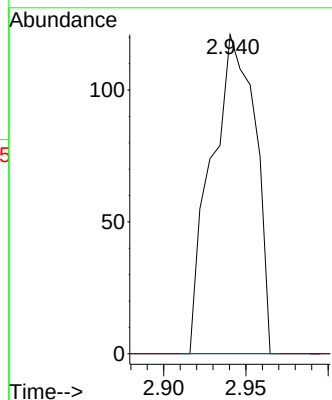
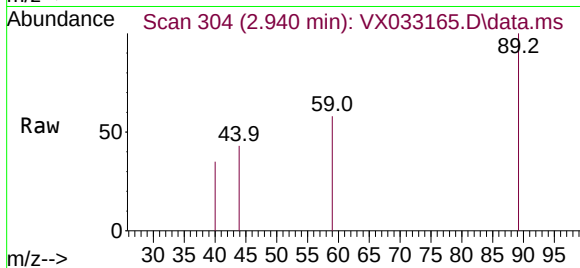
22-MW-3I

Tgt Ion: 59 Resp: 225

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.778 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033165.D

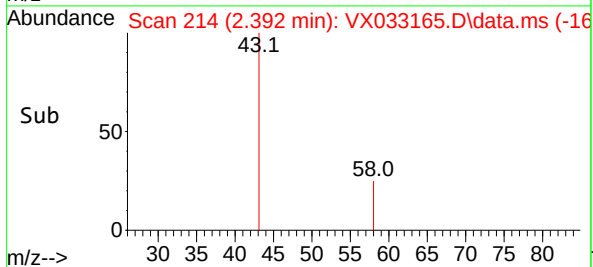
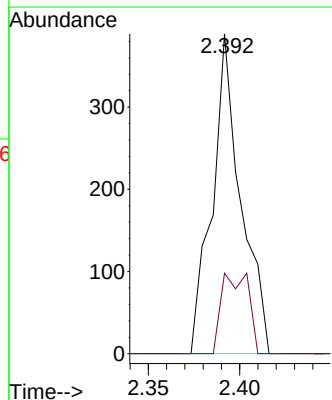
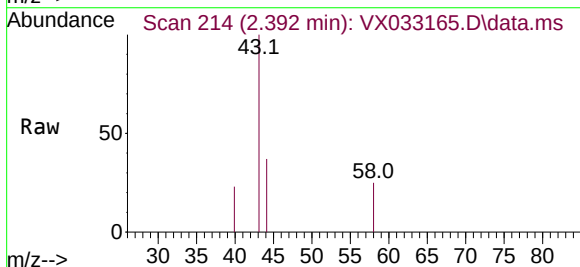
Acq: 01 Dec 2022 15:55

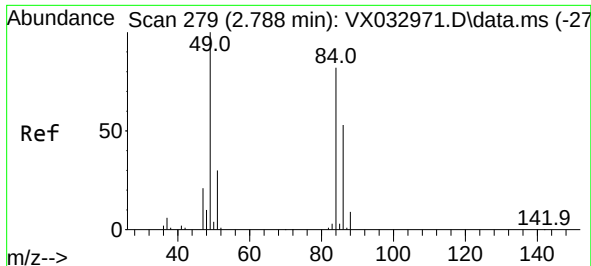
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 25.2 23.8 35.8

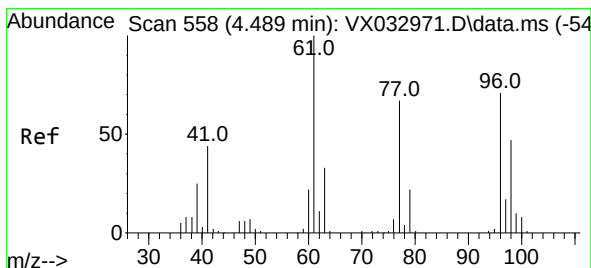
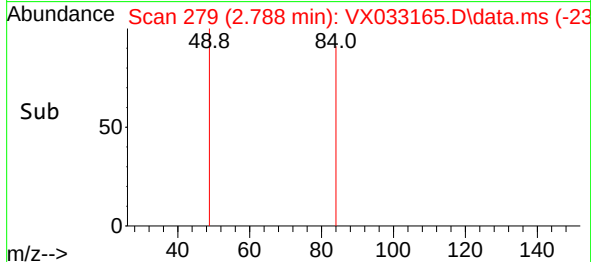
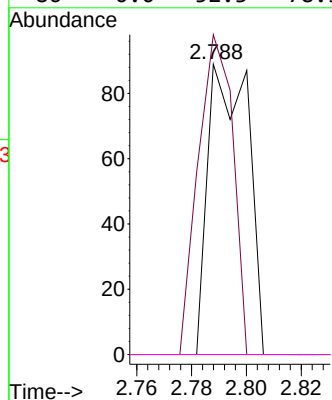
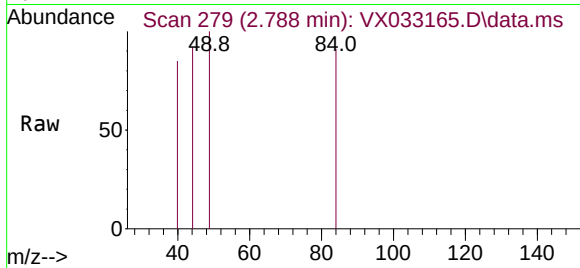




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

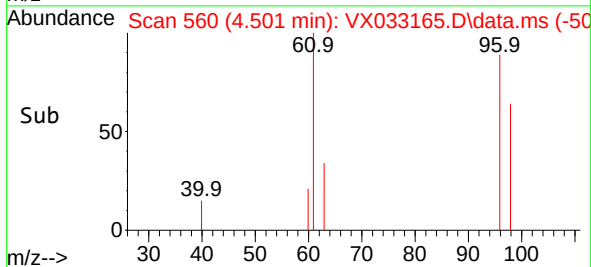
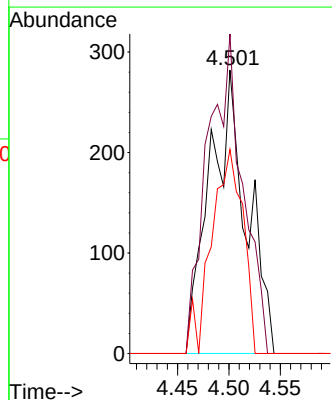
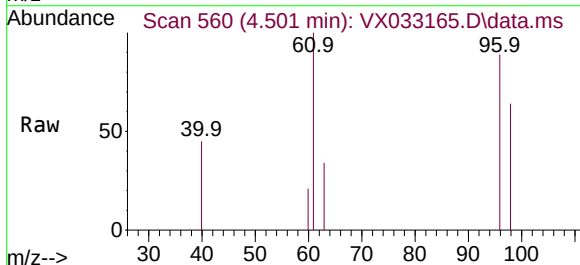
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

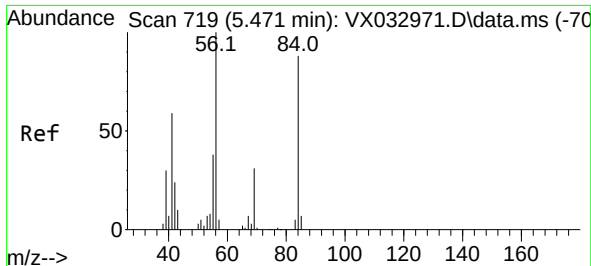
Tgt Ion: 84	Resp: 91
Ion Ratio	Lower Upper
84 100	
49 110.1	101.0 151.6
51 0.0	31.1 46.7#
86 0.0	52.3 78.5#



#27
cis-1,2-Dichloroethene
Concen: 0.515 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion: 96	Resp:	700	
Ion	Ratio	Lower	Upper
96	100		
61	108.1	0.0	286.0
98	61.7	0.0	129.6

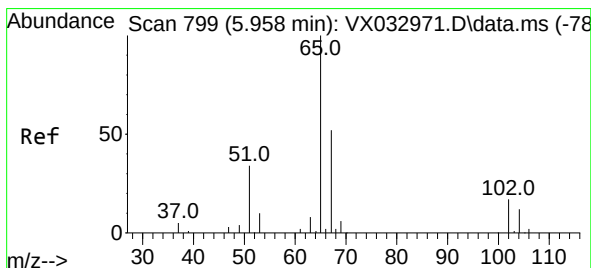
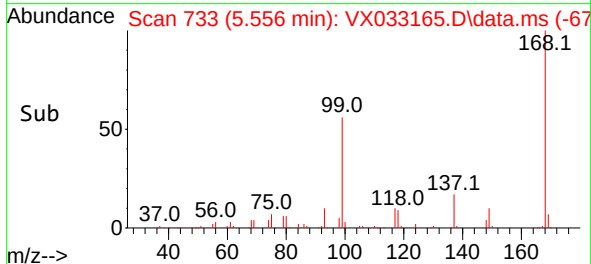
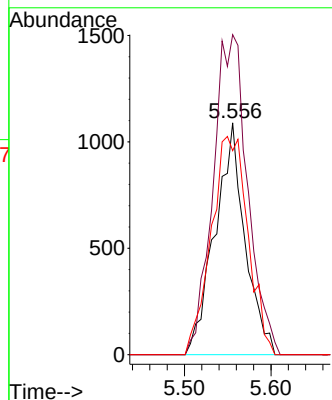
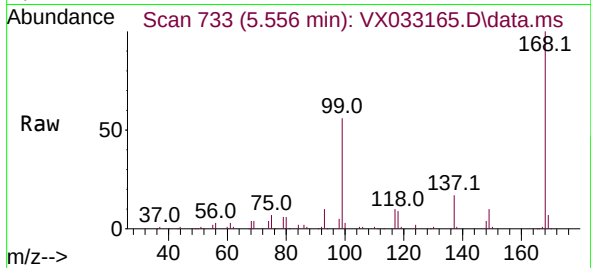




#31
Cyclohexane
Concen: 1.386 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

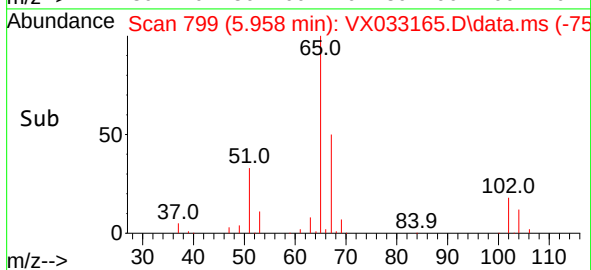
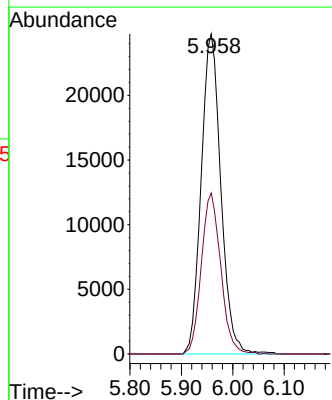
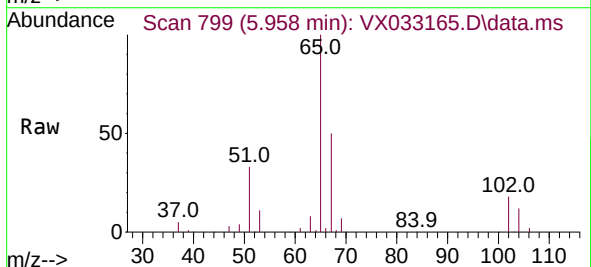
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

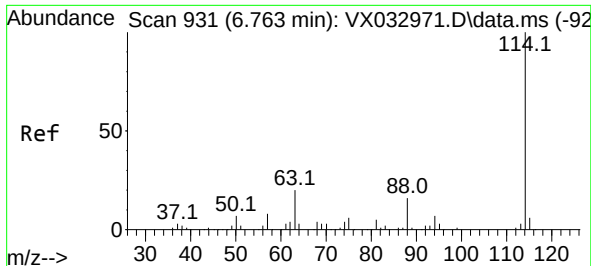
Tgt Ion: 56 Resp: 2621
Ion Ratio Lower Upper
56 100
69 138.0 24.1 36.1#
84 88.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 56.523 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion: 65 Resp: 65721
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

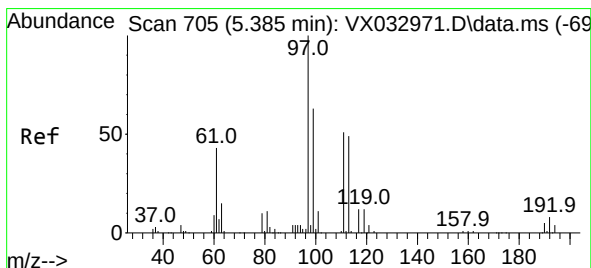
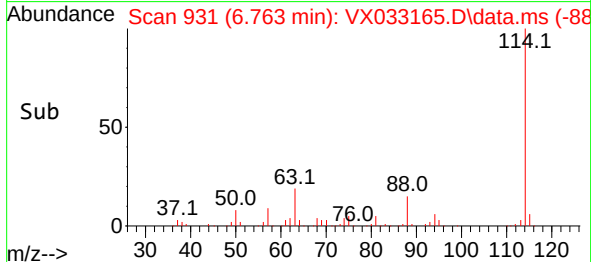
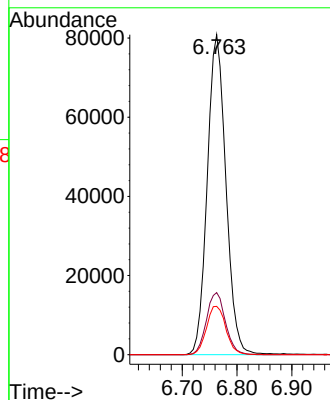
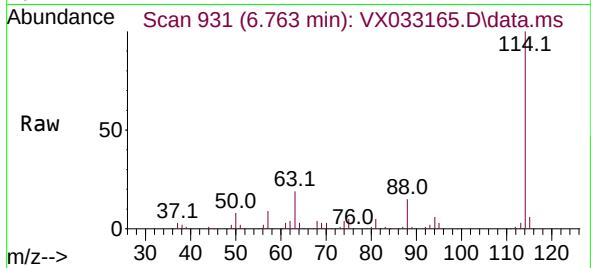




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

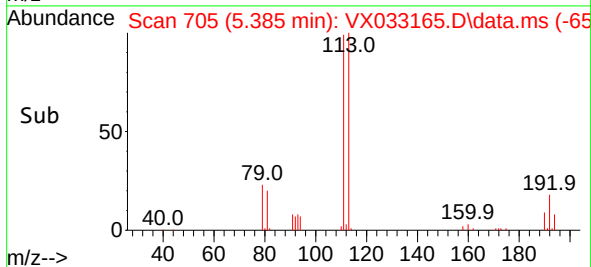
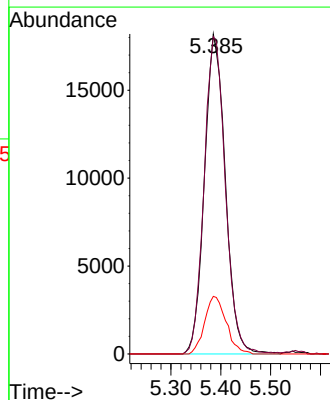
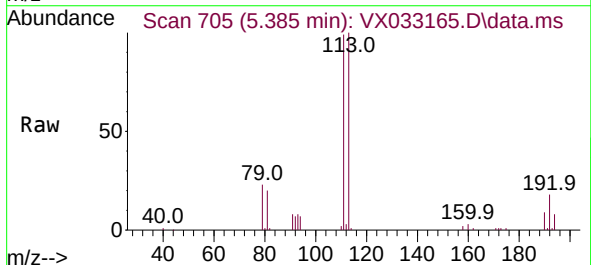
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

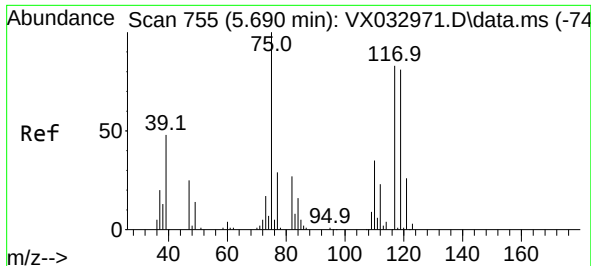
Tgt Ion:114 Resp: 190736
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion:113 Resp: 53048
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.392 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033165.D

Acq: 01 Dec 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

22-MW-3I

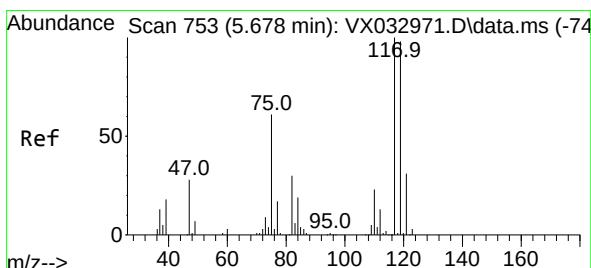
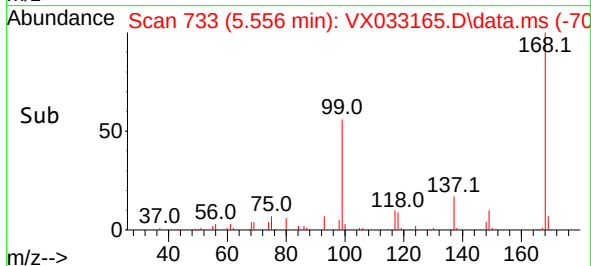
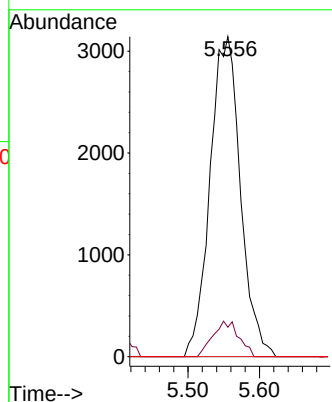
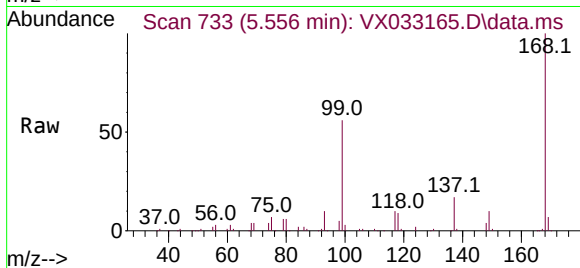
Tgt Ion: 75 Resp: 9271

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.604 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033165.D

Acq: 01 Dec 2022 15:55

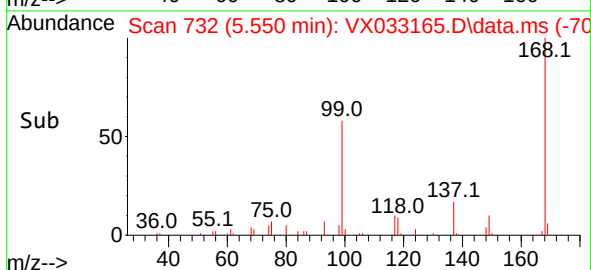
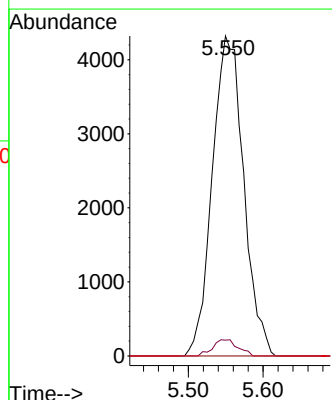
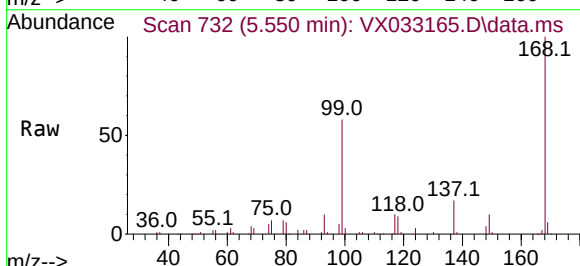
Tgt Ion: 117 Resp: 12597

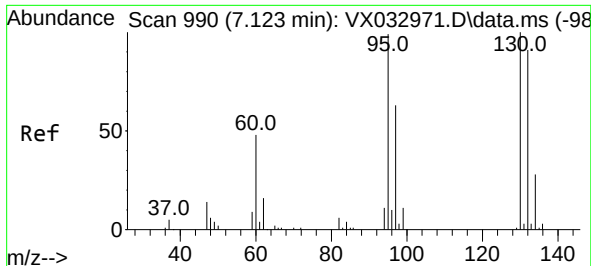
Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

121 0.0 25.8 38.6#

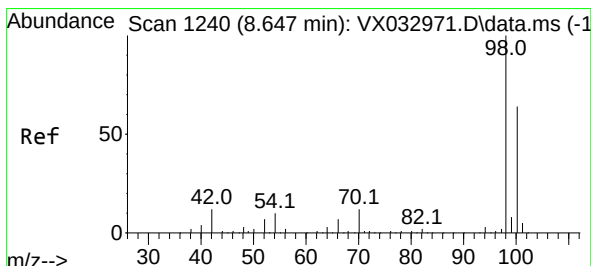
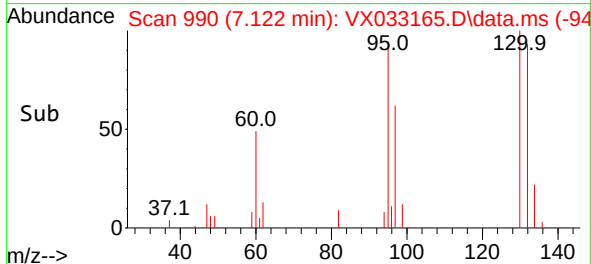
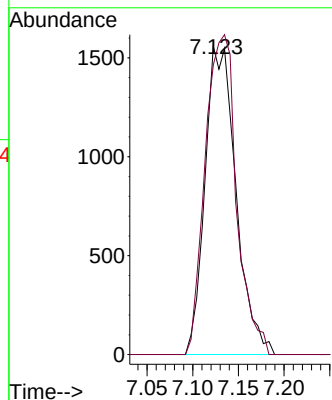
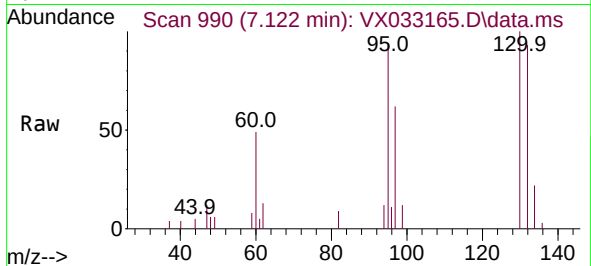




#44
 Trichloroethene
 Concen: 2.718 ug/l
 RT: 7.122 min Scan# 990
 Delta R.T. -0.006 min
 Lab File: VX033165.D
 Acq: 01 Dec 2022 15:55

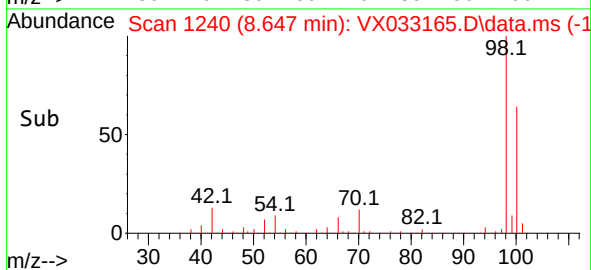
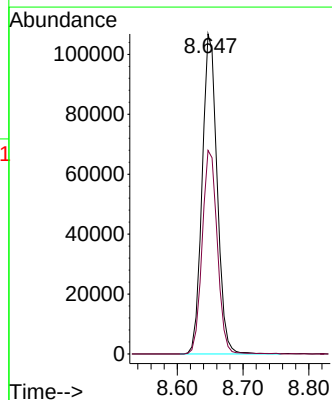
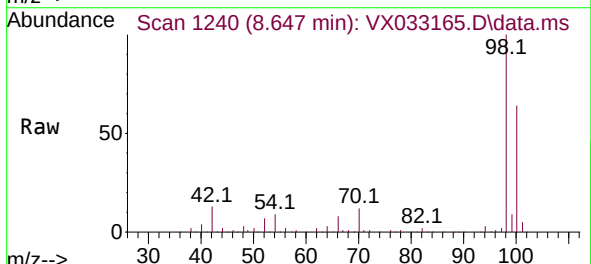
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-3I

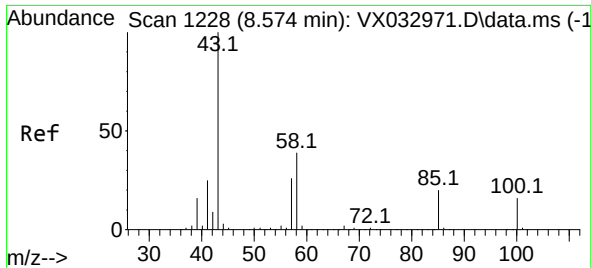
Tgt Ion:130 Resp: 3677
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 195.2



#50
 Toluene-d8
 Concen: 52.311 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033165.D
 Acq: 01 Dec 2022 15:55

Tgt Ion: 98 Resp: 168922
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3

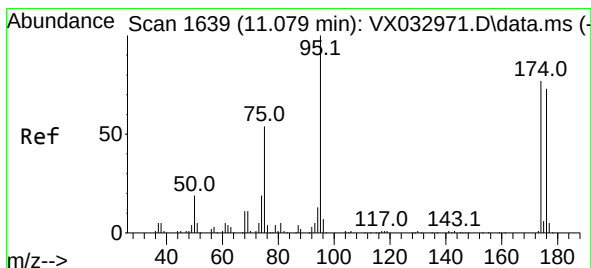
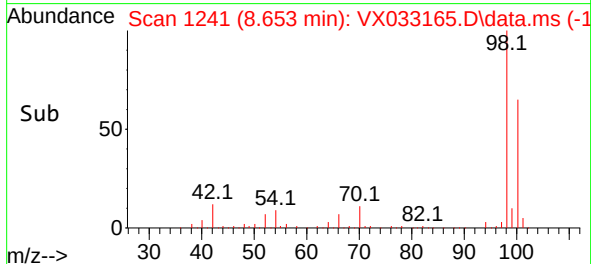
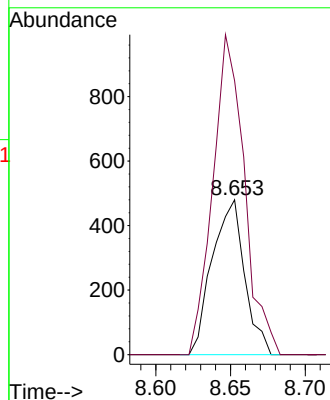
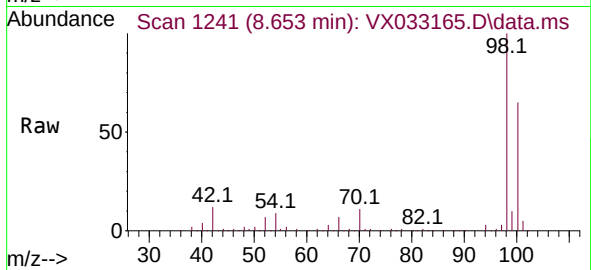




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

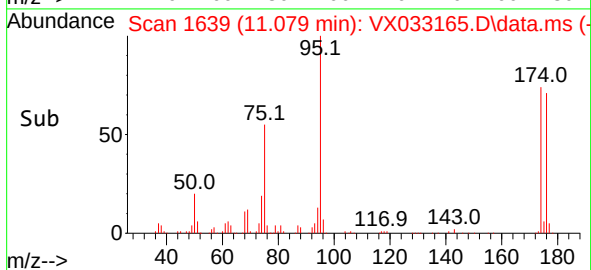
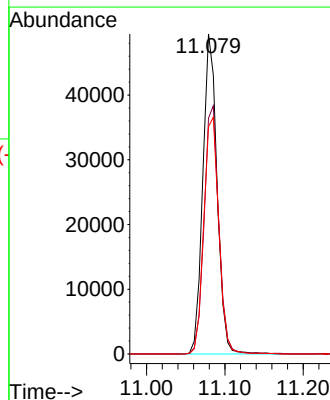
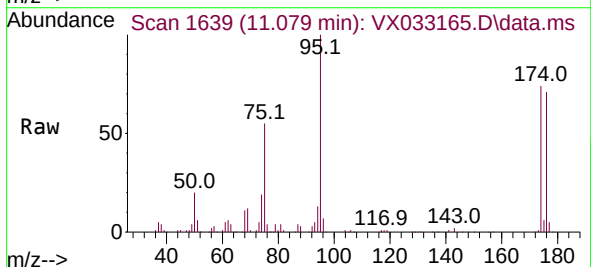
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

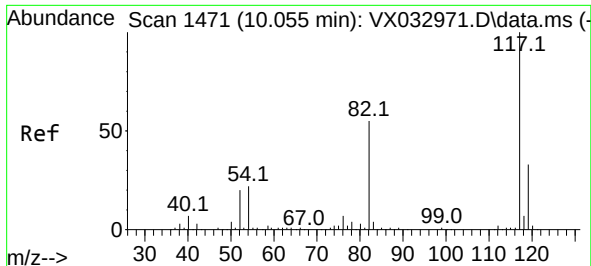
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
58 201.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion: 95 Resp: 62367
Ion Ratio Lower Upper
95 100
174 79.9 0.0 164.0
176 78.4 0.0 154.4

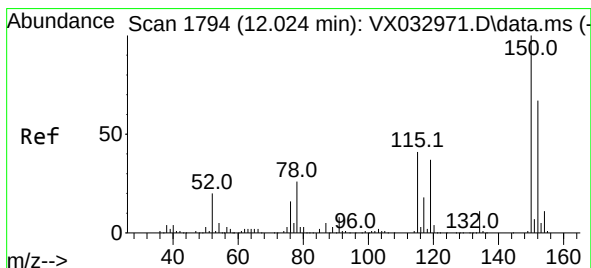
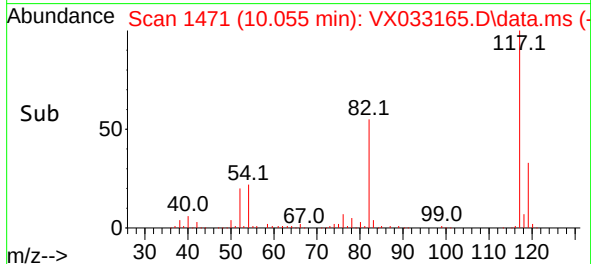
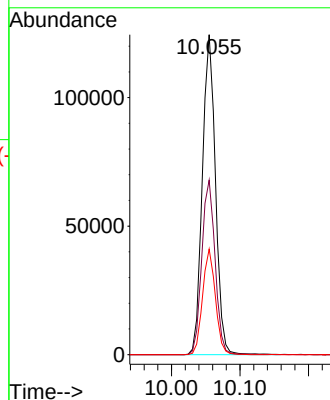
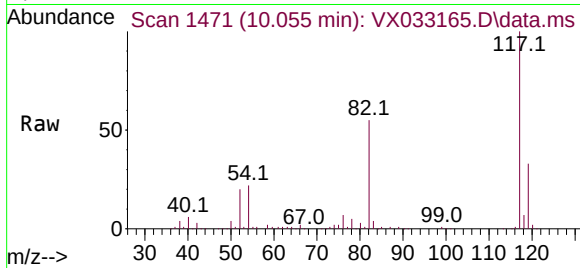




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

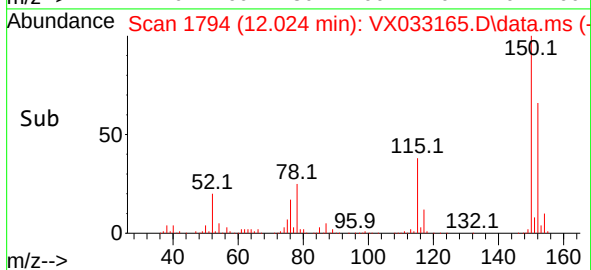
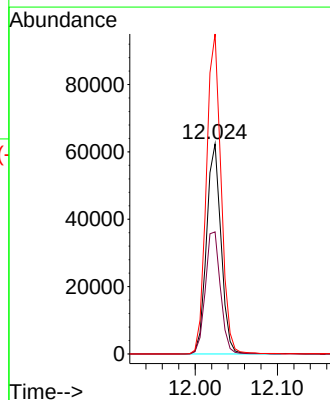
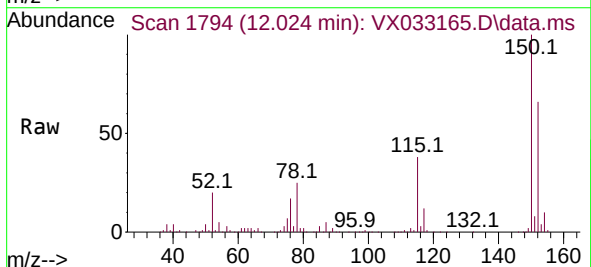
Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

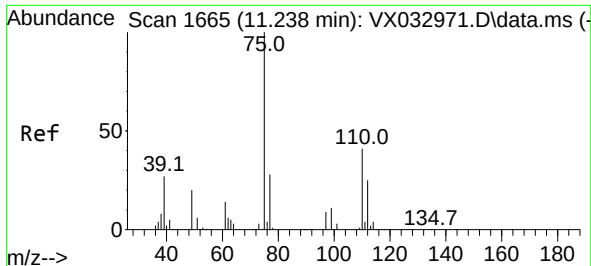
Tgt Ion:117 Resp: 166274
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion:152 Resp: 76468
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 154.5 0.0 351.8

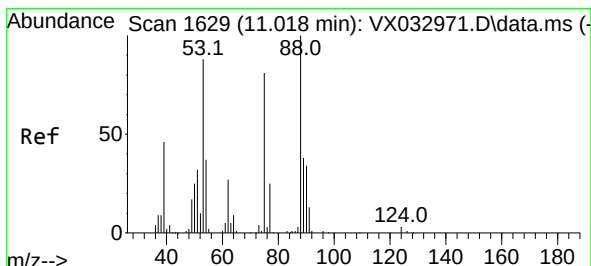
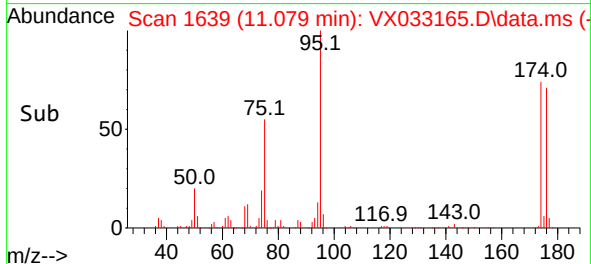
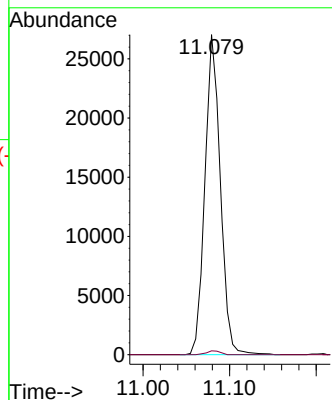
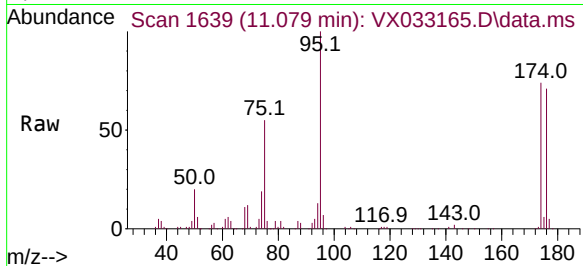




#76
1,2,3-Trichloropropane
Concen: 23.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
22-MW-3I

Tgt Ion: 75 Resp: 33459
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033165.D
Acq: 01 Dec 2022 15:55

Tgt Ion: 75 Resp: 33459
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

