

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044965.D
 Acq On : 14 Feb 2025 16:38
 Operator : JC/MD
 Sample : Q1363-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:16:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

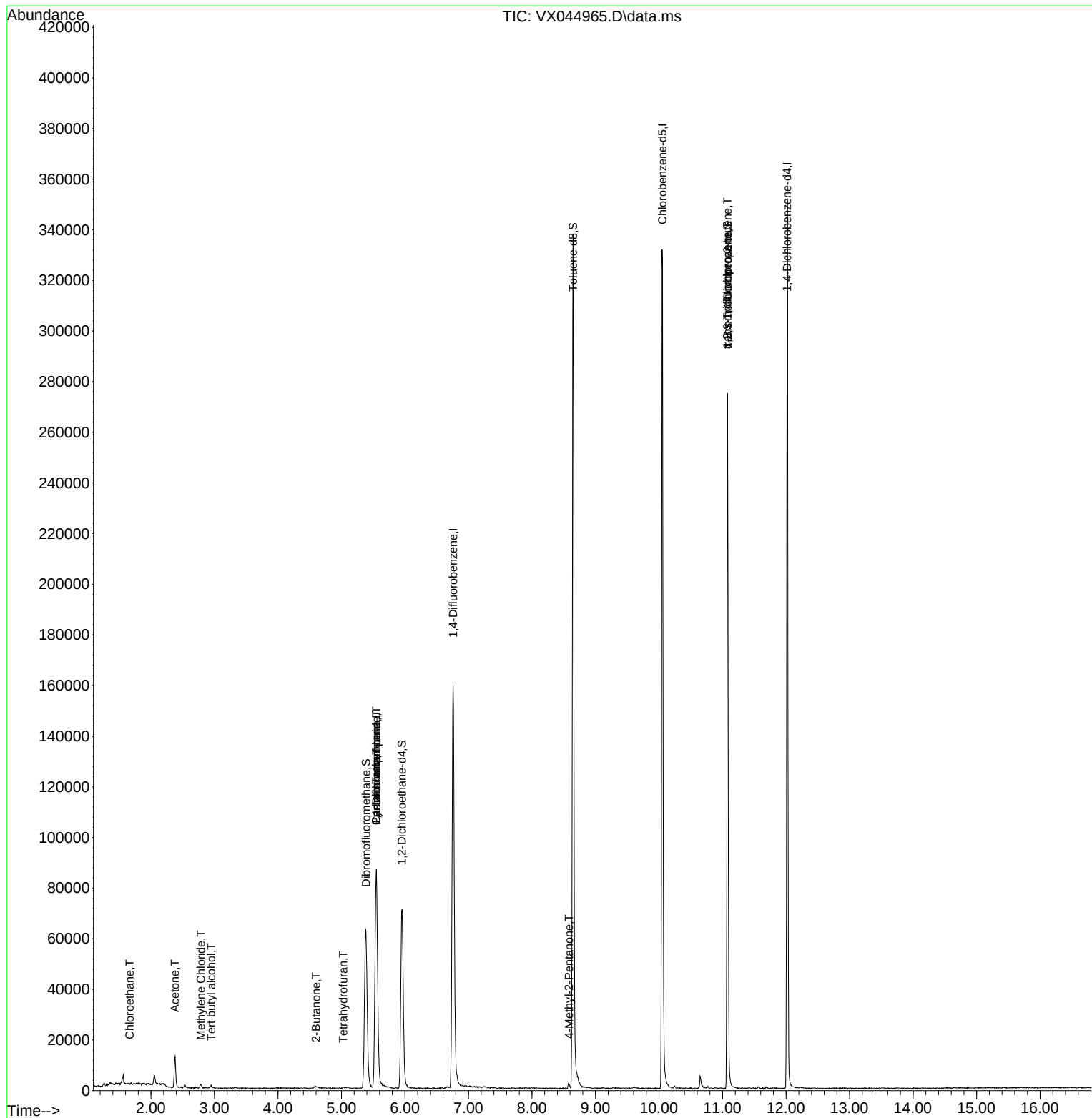
Internal Standards						
1) Pentafluorobenzene	5.550	168	81697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67873	56.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.500%
35) Dibromofluoromethane	5.385	113	55795	50.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	8.646	98	207369	49.896	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	73559	52.502	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.000%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	101	1.496	ug/l #	42
11) Tert butyl alcohol	2.946	59	364	1.641	ug/l #	73
16) Acetone	2.379	43	13153	27.359	ug/l	95
20) Methylene Chloride	2.788	84	689	0.585	ug/l	91
25) 2-Butanone	4.598	43	1504	1.927	ug/l #	87
29) Tetrahydrofuran	5.025	42	181	0.349	ug/l #	33
31) Cyclohexane	5.550	56	2127	1.145	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	7147	4.507	ug/l #	46
38) Carbon Tetrachloride	5.550	117	8803	5.665	ug/l #	15
51) 4-Methyl-2-Pentanone	8.579	43	1471	0.850	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	38993	25.839	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38993	66.467	ug/l #	11

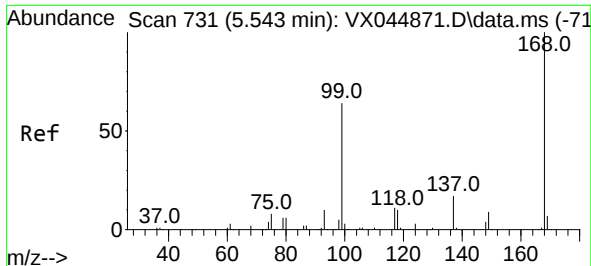
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
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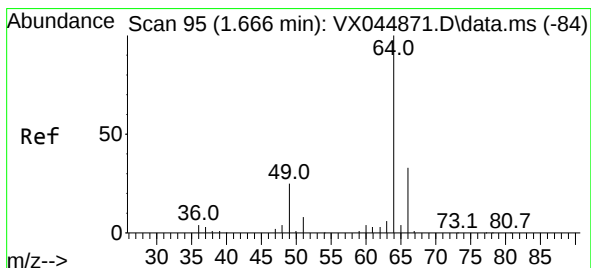
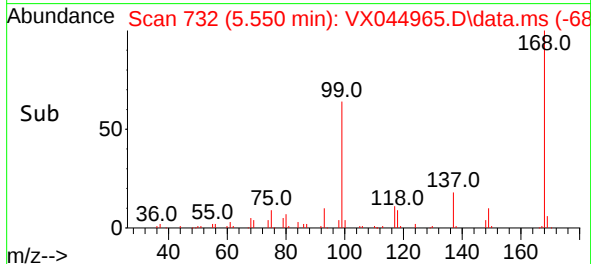
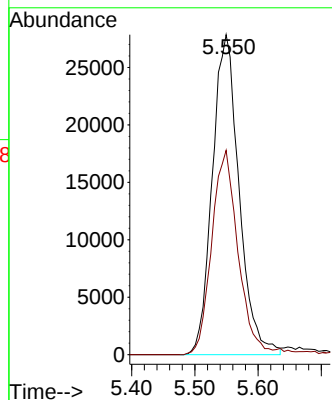
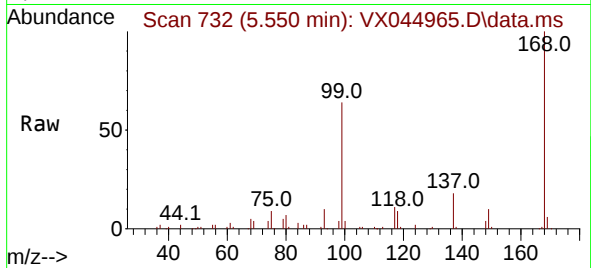




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

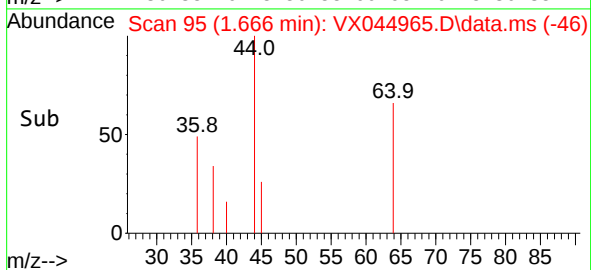
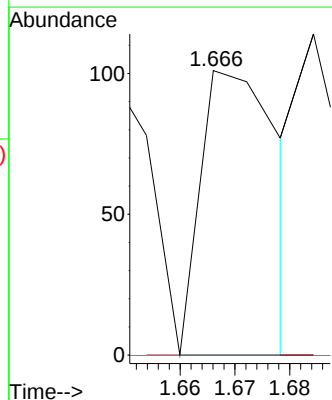
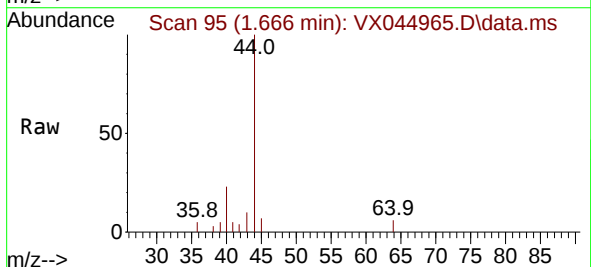
Instrument :
MSVOA_X
ClientSampleId :

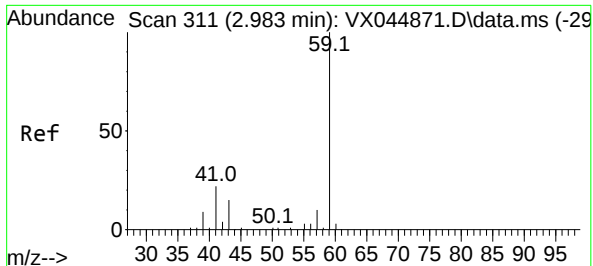
Tgt Ion:168 Resp: 81697
Ion Ratio Lower Upper
168 100
99 63.9 51.2 76.8



#6
Chloroethane
Concen: 1.496 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.641 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX044965.D

Acq: 14 Feb 2025 16:38

Instrument :

MSVOA_X

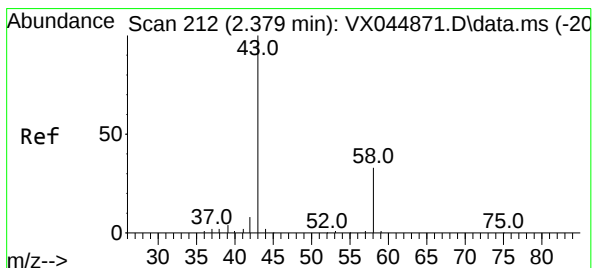
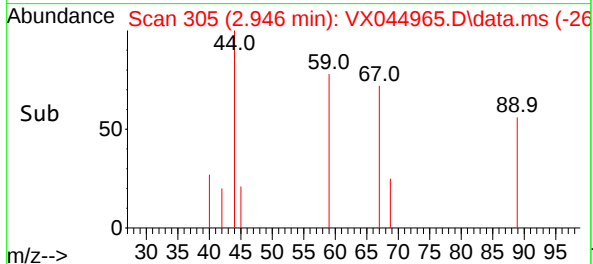
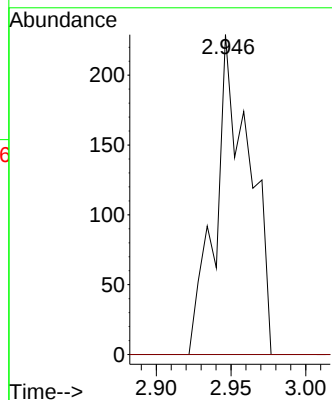
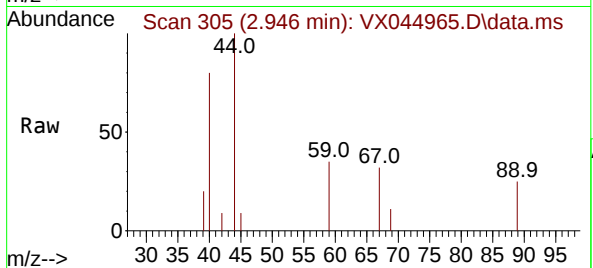
ClientSampleId :

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 27.359 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044965.D

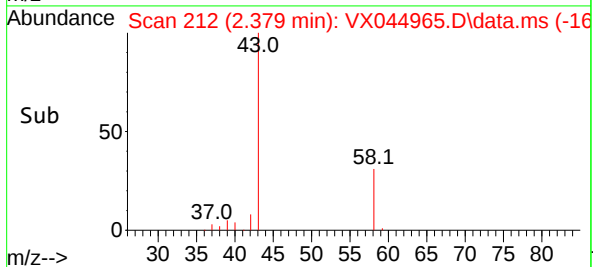
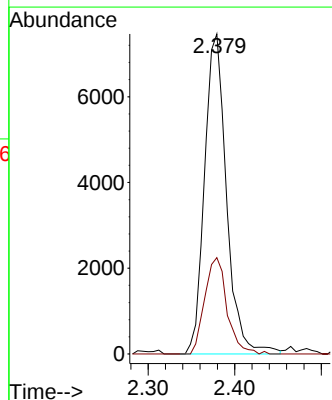
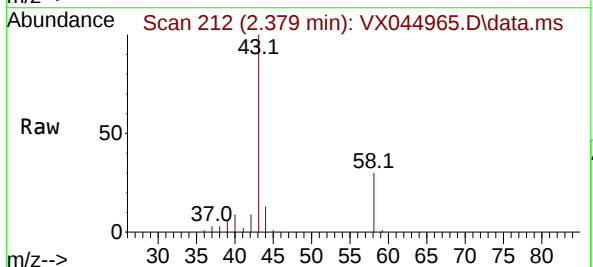
Acq: 14 Feb 2025 16:38

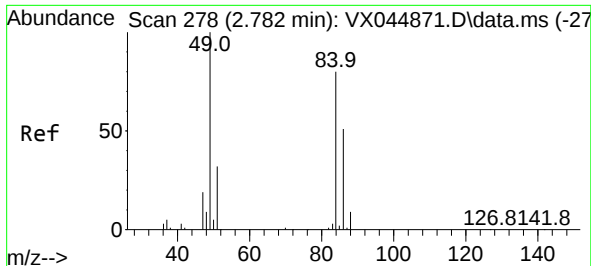
Tgt Ion: 43 Resp: 13153

Ion Ratio Lower Upper

43 100

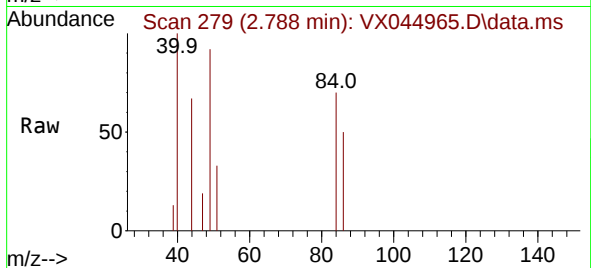
58 30.1 26.5 39.7



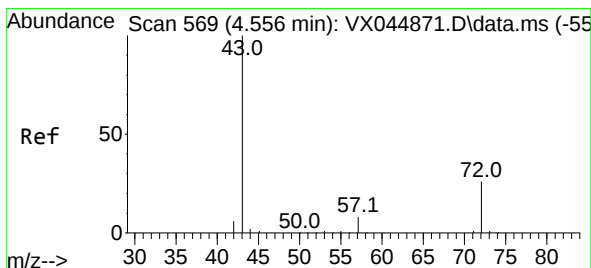
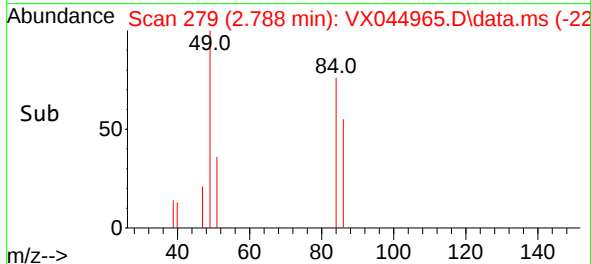
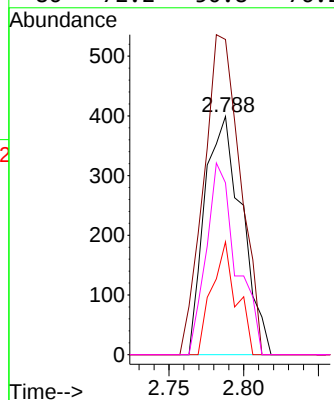


#20
Methylene Chloride
Concen: 0.585 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Instrument :
MSVOA_X
ClientSampleId :

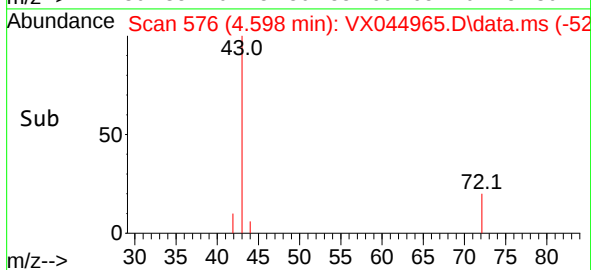
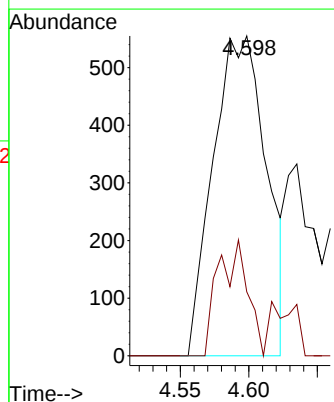
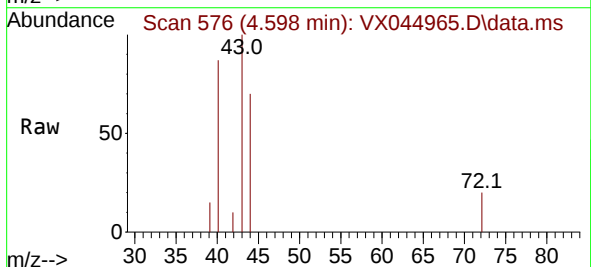


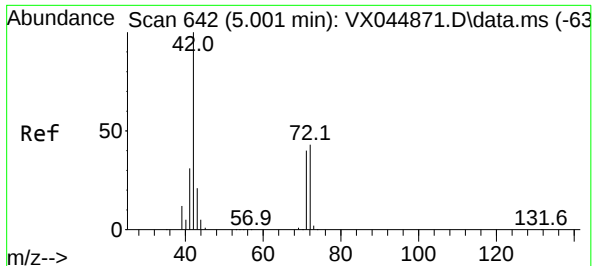
Tgt Ion:	84	Resp:	689
Ion	Ratio	Lower	Upper
84	100		
49	132.3	100.1	150.1
51	47.4	31.7	47.5
86	72.2	50.8	76.2



#25
2-Butanone
Concen: 1.927 ug/l
RT: 4.598 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion:	43	Resp:	1504
Ion	Ratio	Lower	Upper
43	100		
72	20.0	21.2	31.8#





#29

Tetrahydrofuran

Concen: 0.349 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

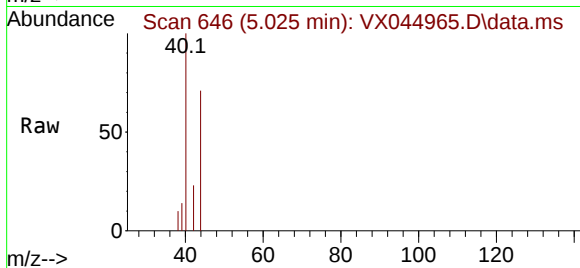
Lab File: VX044965.D

Acq: 14 Feb 2025 16:38

Instrument :

MSVOA_X

ClientSampleId :



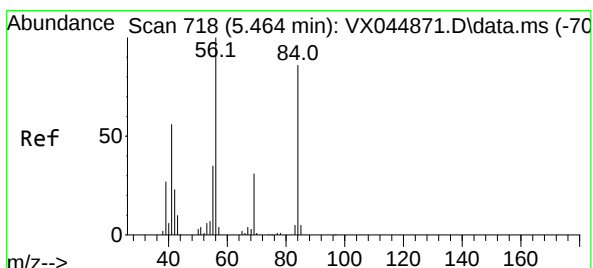
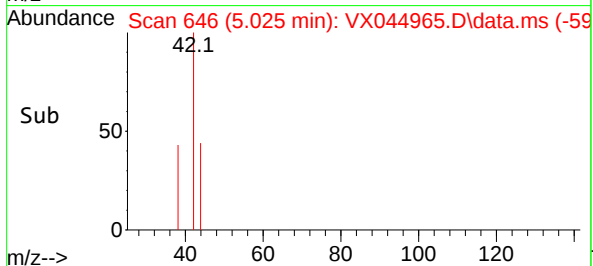
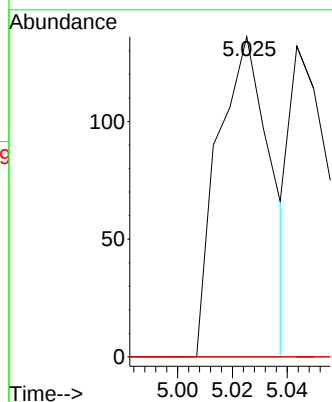
Tgt Ion: 42 Resp: 181

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.4#

71 0.0 32.6 48.8#



#31

Cyclohexane

Concen: 1.145 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX044965.D

Acq: 14 Feb 2025 16:38

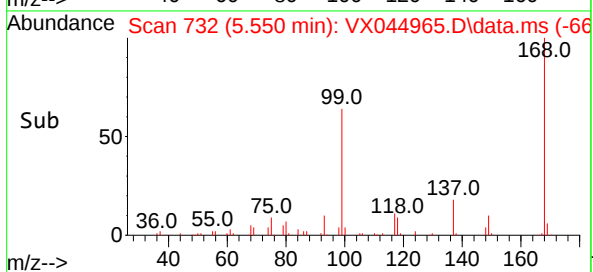
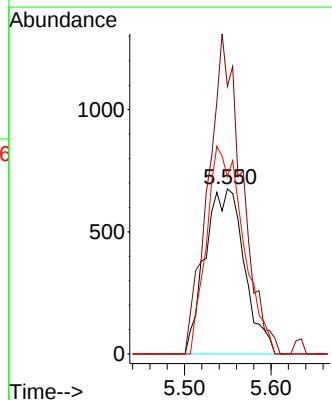
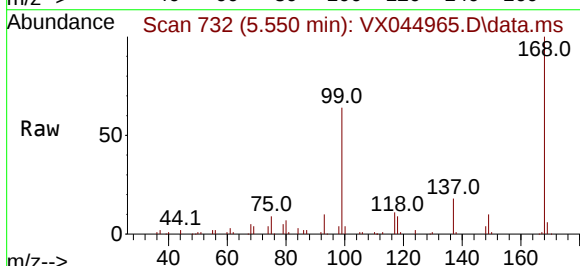
Tgt Ion: 56 Resp: 2127

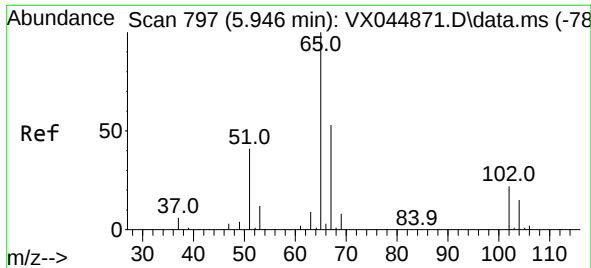
Ion Ratio Lower Upper

56 100

69 162.0 24.4 36.6#

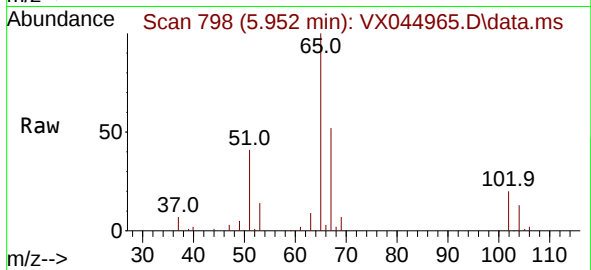
84 107.4 69.0 103.6#



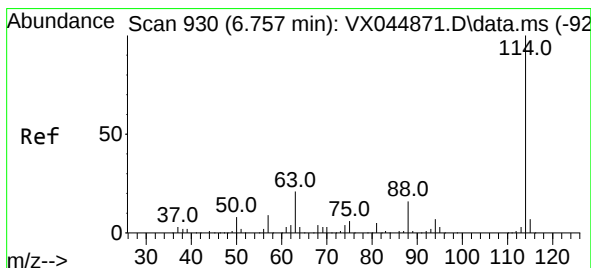
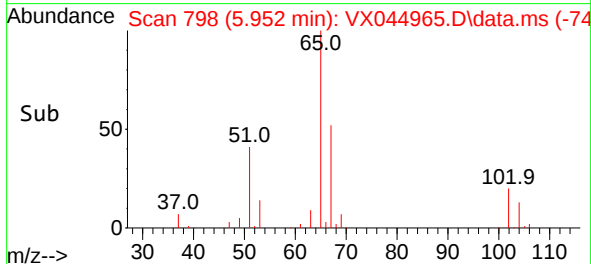
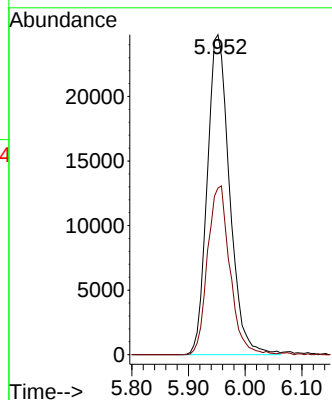


#33
1,2-Dichloroethane-d4
Concen: 56.755 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Instrument :
MSVOA_X
ClientSampleId :

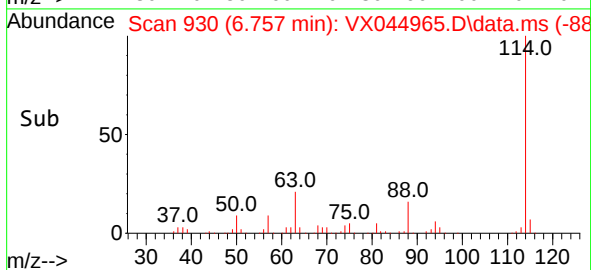
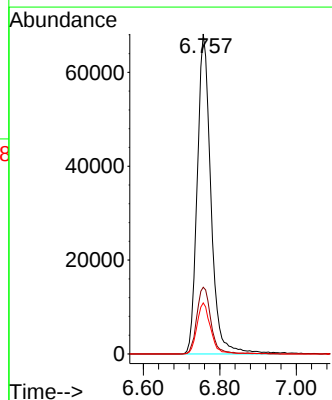
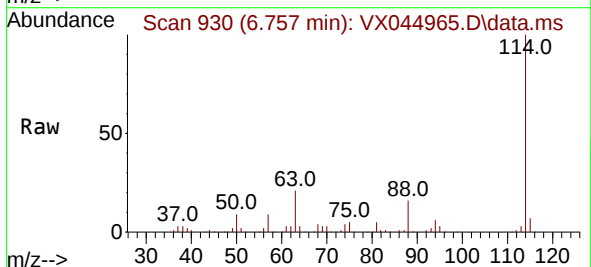


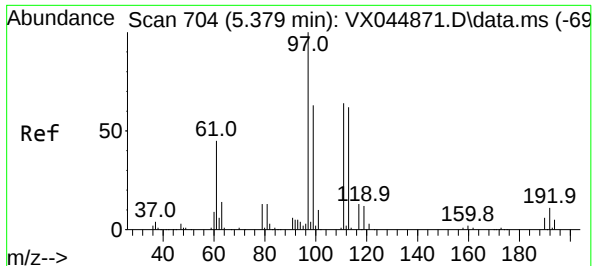
Tgt Ion: 65 Resp: 67873
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion: 114 Resp: 169043
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.766 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044965.D

Acq: 14 Feb 2025 16:38

Instrument :

MSVOA_X

ClientSampleId :

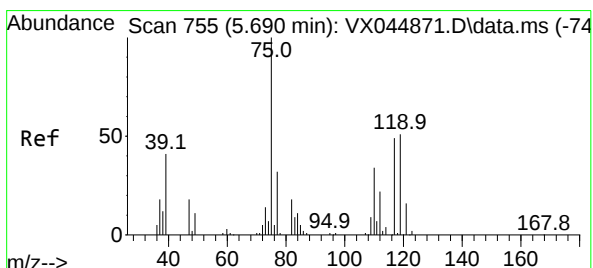
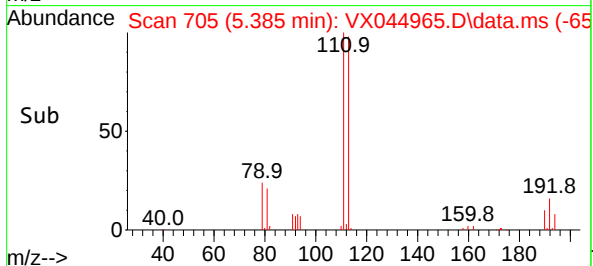
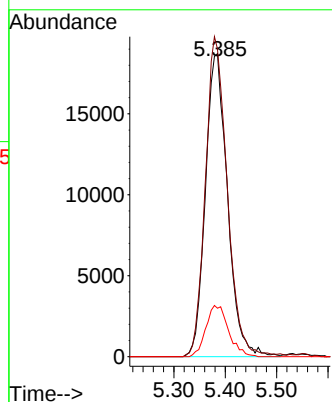
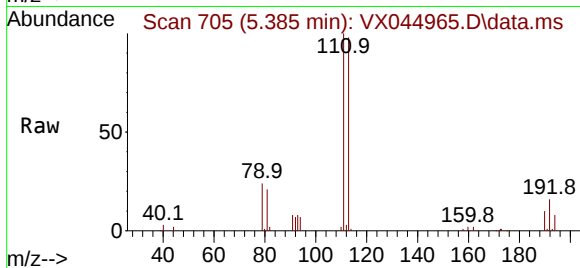
Tgt Ion:113 Resp: 55795

Ion Ratio Lower Upper

113 100

111 104.8 83.5 125.3

192 17.3 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.507 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX044965.D

Acq: 14 Feb 2025 16:38

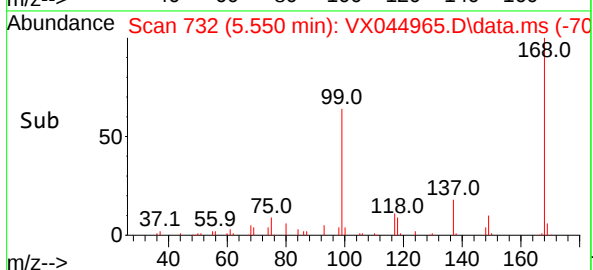
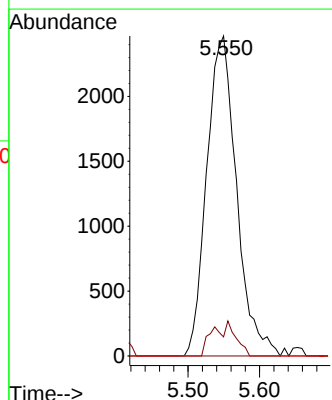
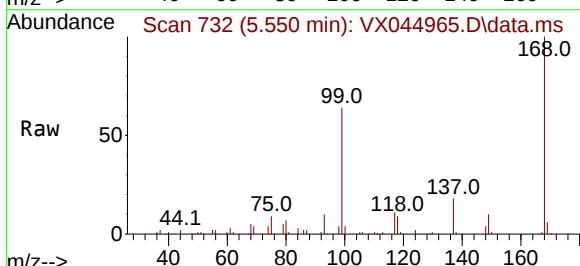
Tgt Ion: 75 Resp: 7147

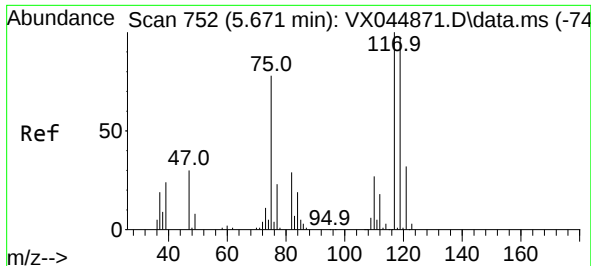
Ion Ratio Lower Upper

75 100

110 4.5 17.2 51.6#

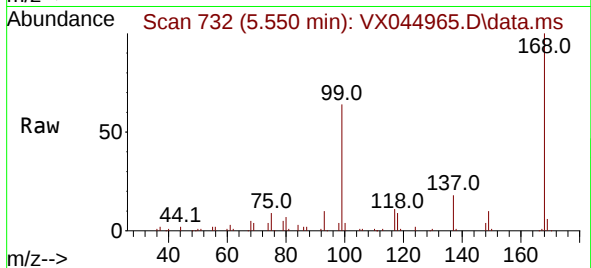
77 0.0 24.6 37.0#



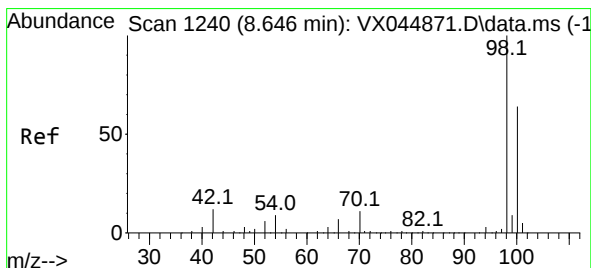
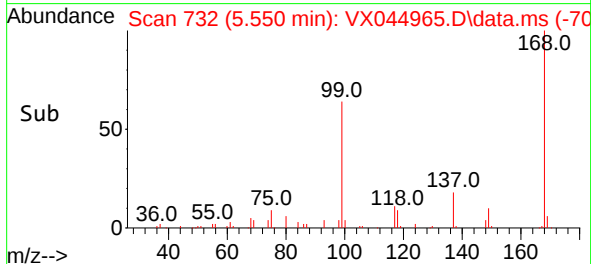
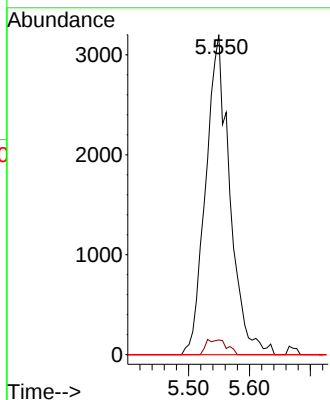


#38
Carbon Tetrachloride
Concen: 5.665 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Instrument :
MSVOA_X
ClientSampleId :

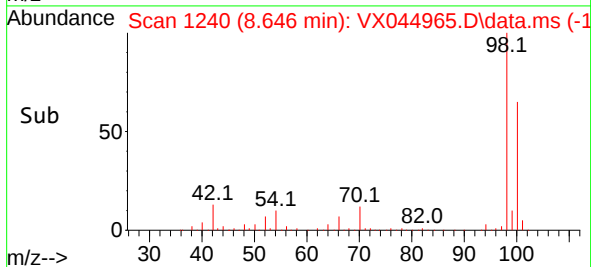
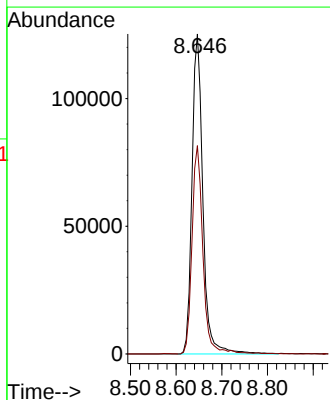
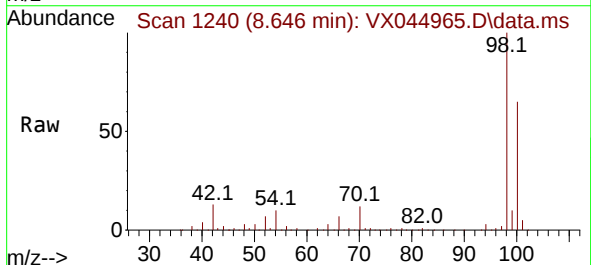


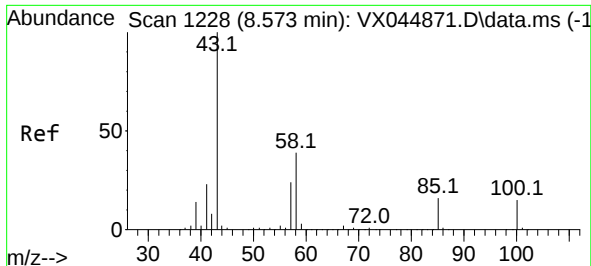
Tgt Ion:117 Resp: 8803
Ion Ratio Lower Upper
117 100
119 4.6 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 49.896 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion: 98 Resp: 207369
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

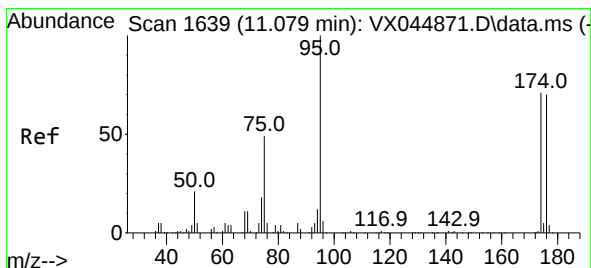
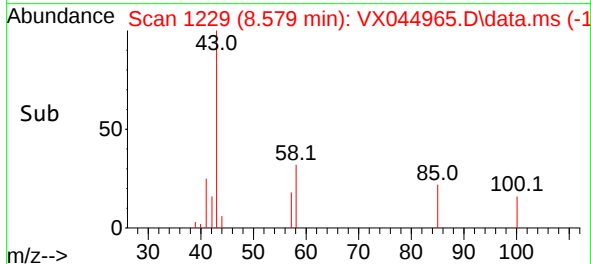
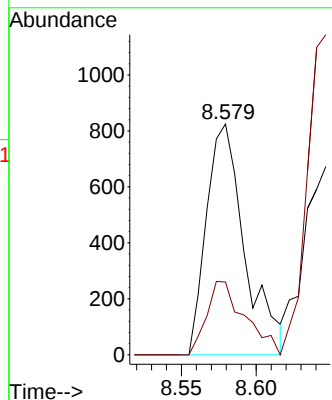
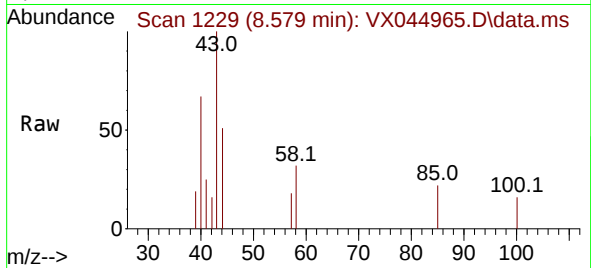




#51
 4-Methyl-2-Pentanone
 Concen: 0.850 ug/l
 RT: 8.579 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX044965.D
 Acq: 14 Feb 2025 16:38

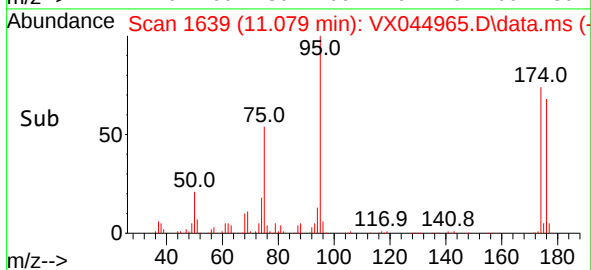
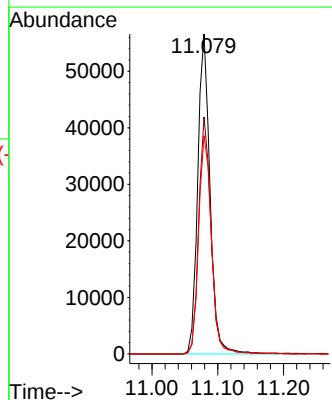
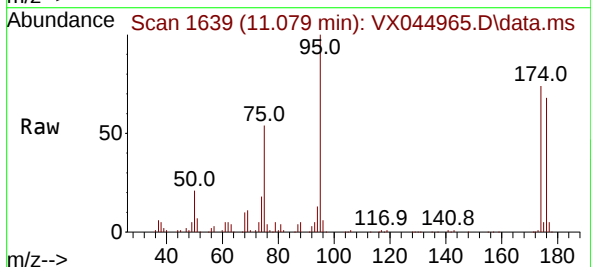
Instrument :
 MSVOA_X
 ClientSampleId :

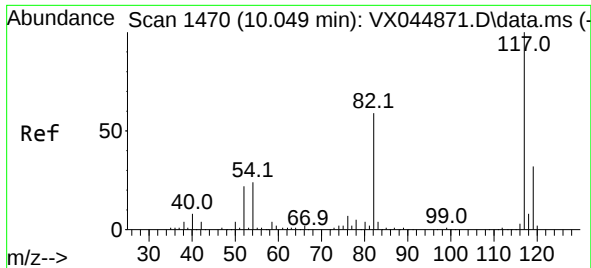
Tgt Ion: 43 Resp: 1471
 Ion Ratio Lower Upper
 43 100
 58 31.5 30.8 46.2



#62
 4-Bromofluorobenzene
 Concen: 52.502 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX044965.D
 Acq: 14 Feb 2025 16:38

Tgt Ion: 95 Resp: 73559
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 142.6
 176 71.0 0.0 141.6

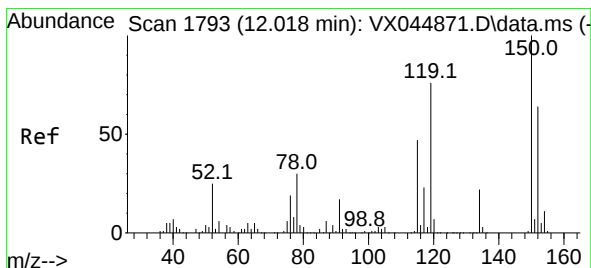
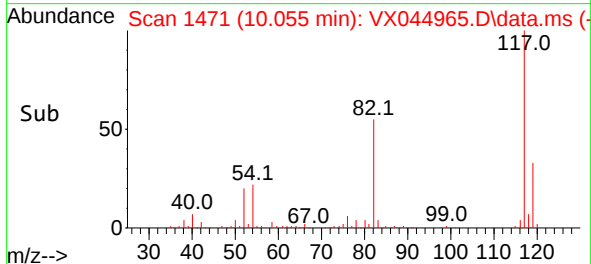
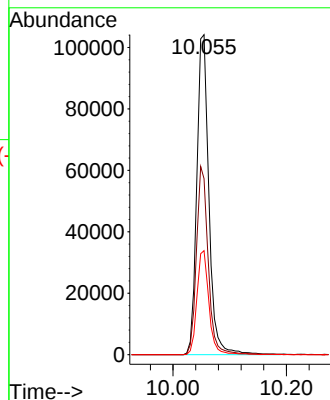
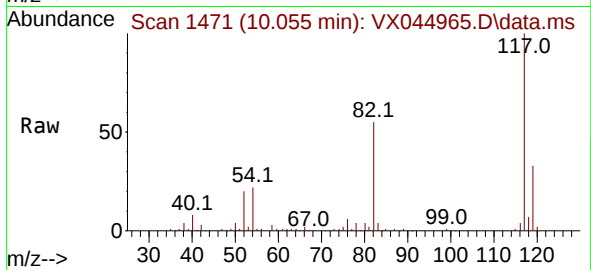




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

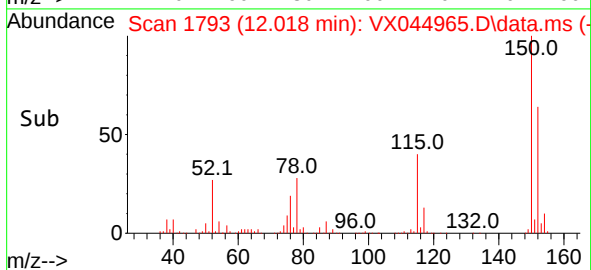
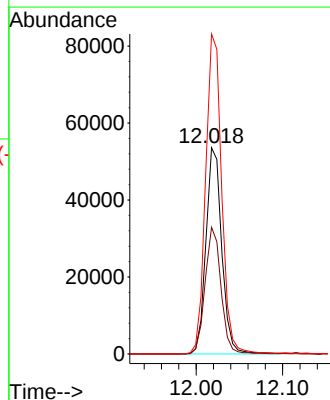
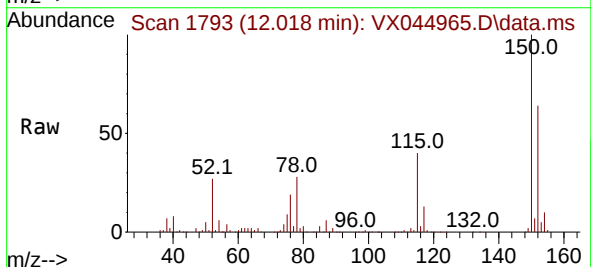
Instrument :
MSVOA_X
ClientSampleId :

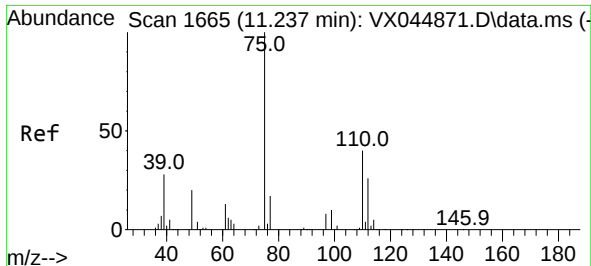
Tgt Ion:117 Resp: 154488
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion:152 Resp: 68065
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.1
150 157.0 0.0 350.4

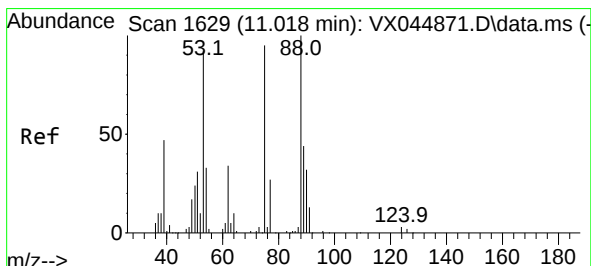
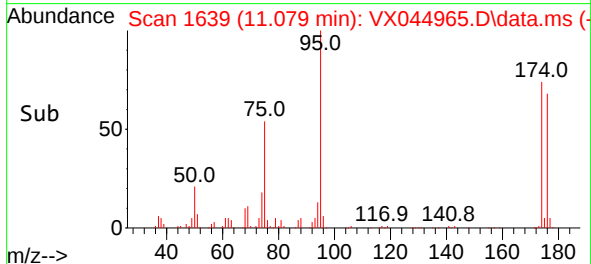
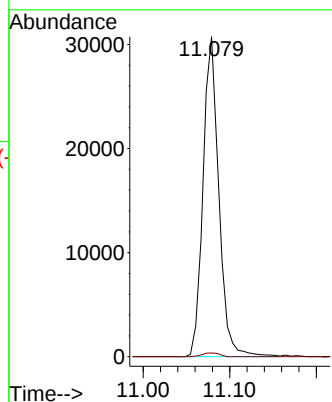
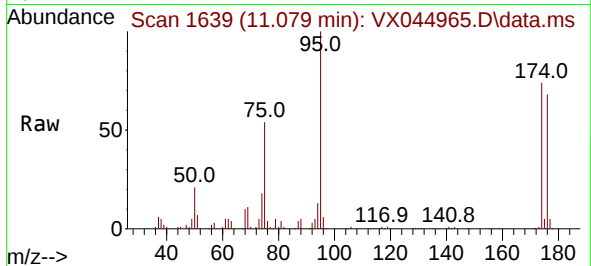




#76
1,2,3-Trichloropropane
Concen: 25.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38993
Ion Ratio Lower Upper
75 100
77 1.3 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044965.D
Acq: 14 Feb 2025 16:38

Tgt Ion: 75 Resp: 38993
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

