

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043963.D
 Acq On : 22 Nov 2024 16:29
 Operator : JC/MD
 Sample : P4846-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

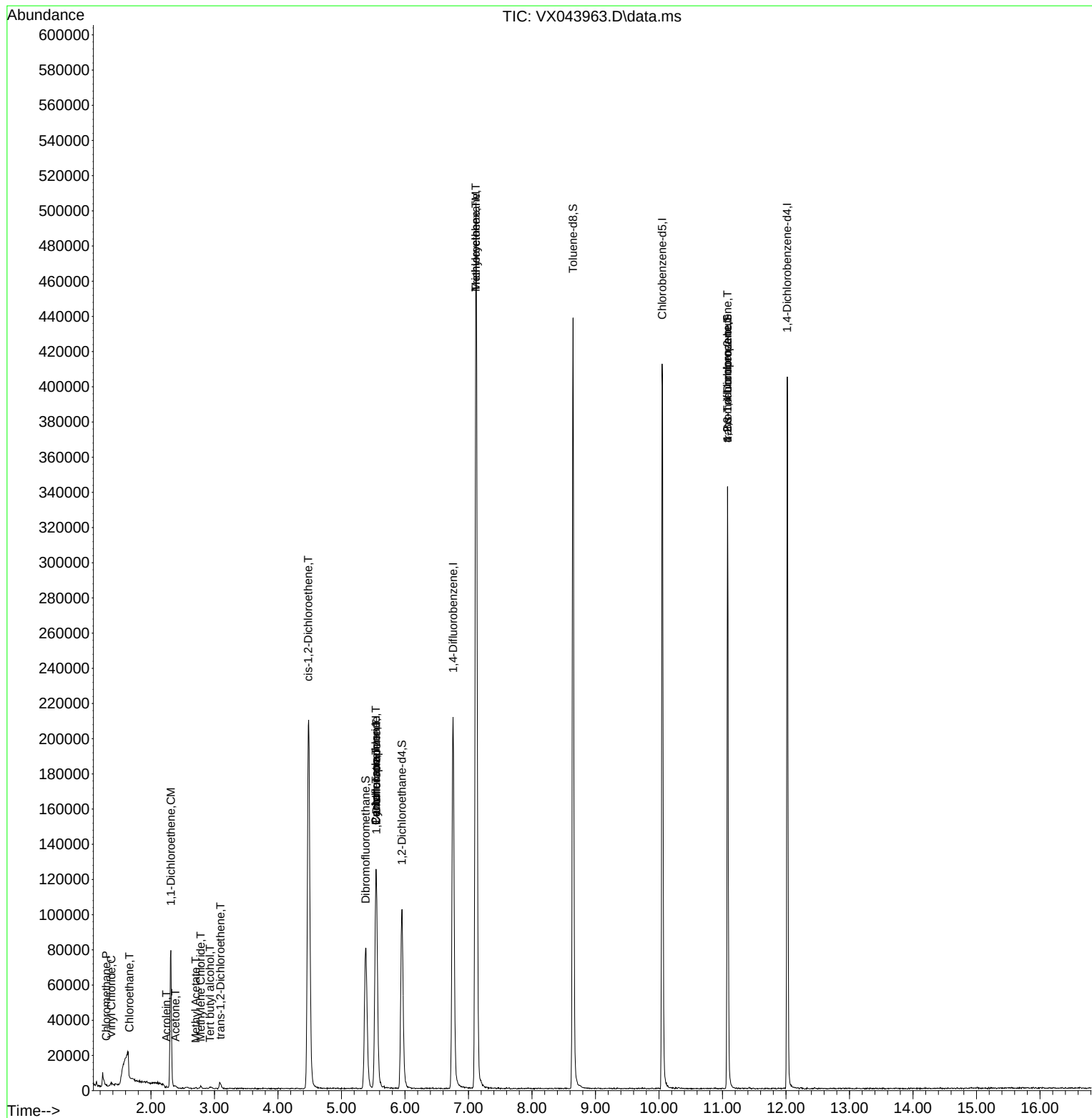
Internal Standards						
1) Pentafluorobenzene	5.544	168	108986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96740	51.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.500%
35) Dibromofluoromethane	5.379	113	70582	47.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	257899	49.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	86263	48.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	475	0.327	ug/l	91
4) Vinyl Chloride	1.374	62	434	0.281	ug/l #	7
6) Chloroethane	1.660	64	529	0.562	ug/l #	79
11) Tert butyl alcohol	2.928	59	117	0.390	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	24148	19.229	ug/l	97
13) Acrolein	2.240	56	72	0.228	ug/l #	13
16) Acetone	2.386	43	1288	1.500	ug/l #	75
18) Methyl Acetate	2.703	43	543	0.272	ug/l #	61
20) Methylene Chloride	2.782	84	463	0.318	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	1530	1.180	ug/l #	77
27) cis-1,2-Dichloroethene	4.477	96	129512	80.809	ug/l	89
31) Cyclohexane	5.544	56	3155	1.514	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	10060	5.377	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12252	5.828	ug/l #	16
39) Methylcyclohexane	7.117	83	2486	1.023	ug/l #	1
44) Trichloroethene	7.117	130	176944	107.251	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	49703	29.332	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49703	80.040	ug/l #	6

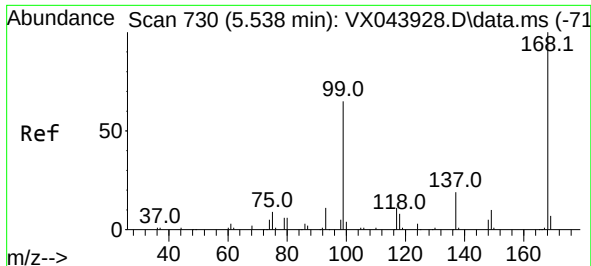
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

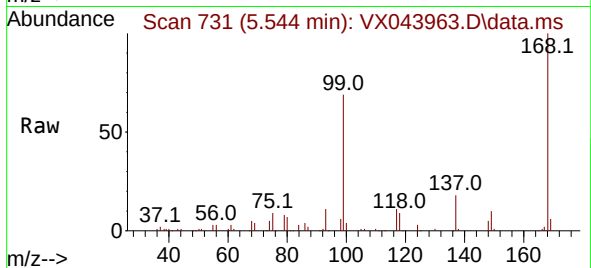
Quant Time: Nov 22 22:25:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



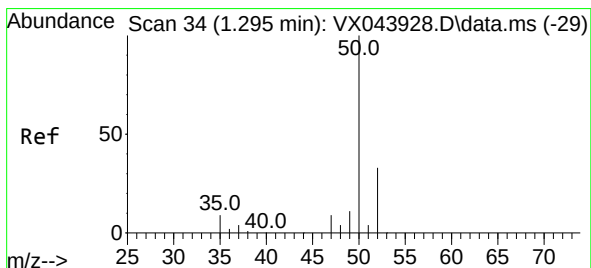
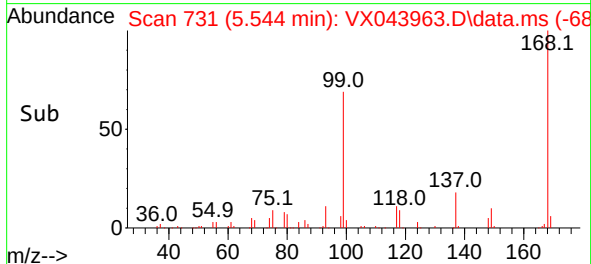
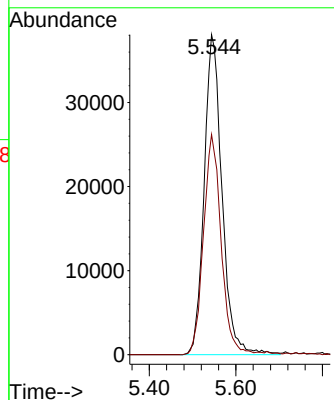


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

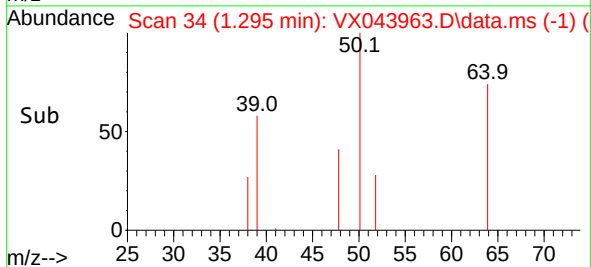
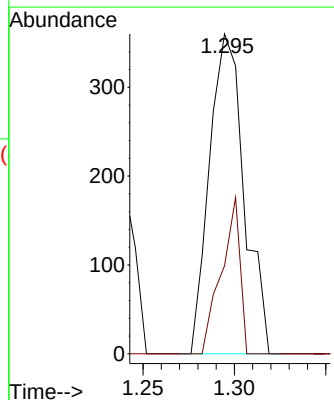
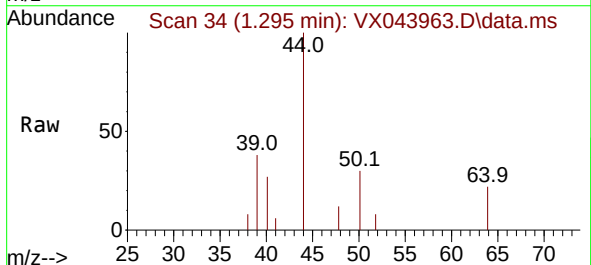


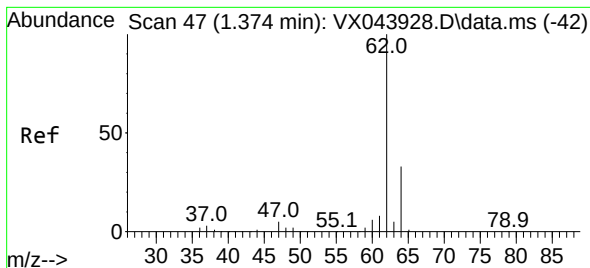
Tgt Ion:168 Resp: 108986
Ion Ratio Lower Upper
168 100
99 68.8 51.8 77.8



#3
Chloromethane
Concen: 0.327 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 27.5 26.1 39.1

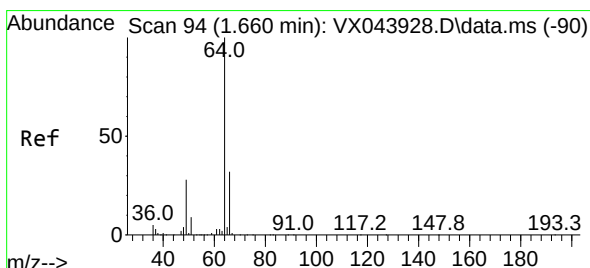
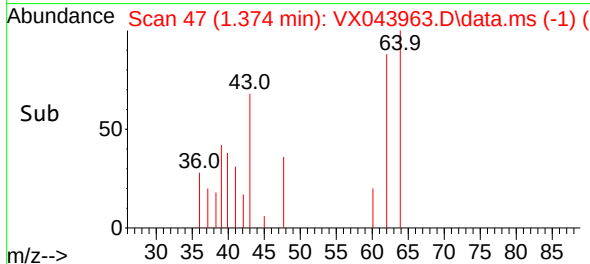
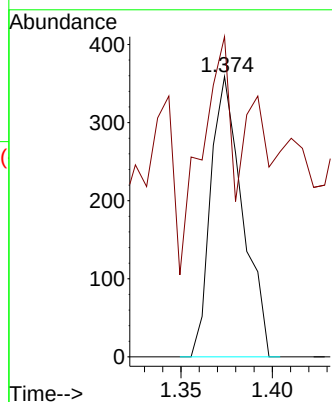
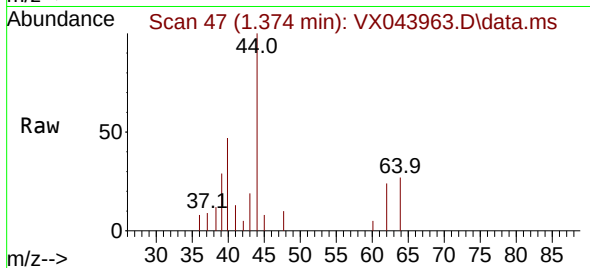




#4
 Vinyl Chloride
 Concen: 0.281 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043963.D
 Acq: 22 Nov 2024 16:29

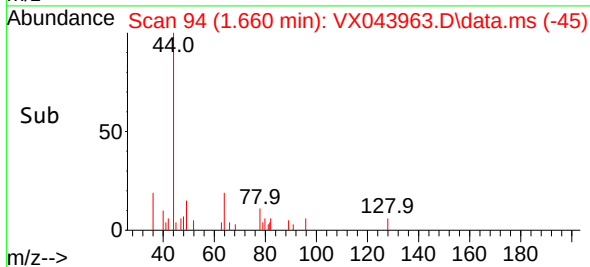
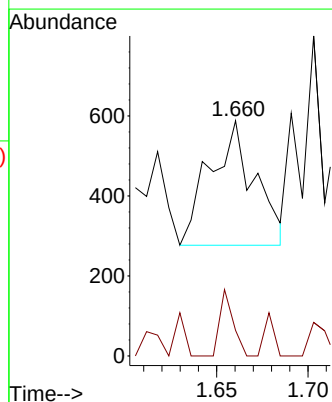
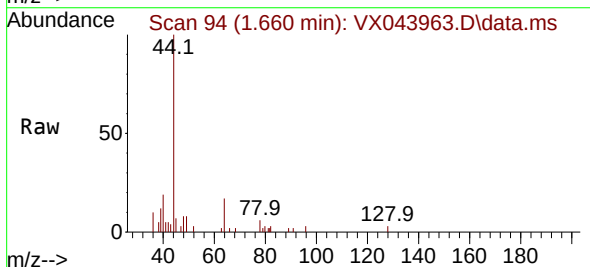
Instrument :
 MSVOA_X
 ClientSampleId :

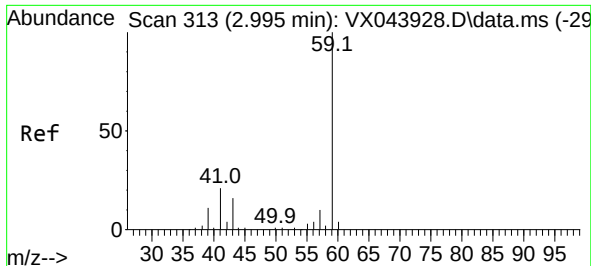
Tgt Ion: 62 Resp: 434
 Ion Ratio Lower Upper
 62 100
 64 85.0 26.2 39.4#



#6
 Chloroethane
 Concen: 0.562 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VX043963.D
 Acq: 22 Nov 2024 16:29

Tgt Ion: 64 Resp: 529
 Ion Ratio Lower Upper
 64 100
 66 20.6 25.9 38.9#

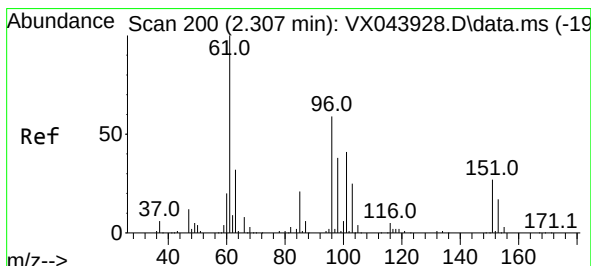
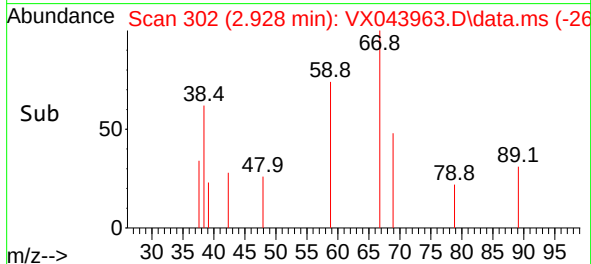
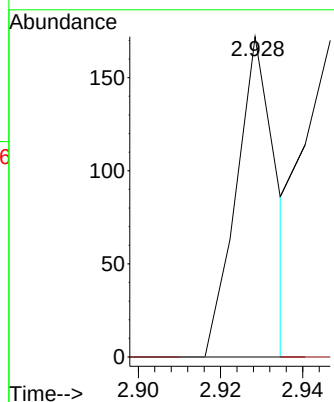
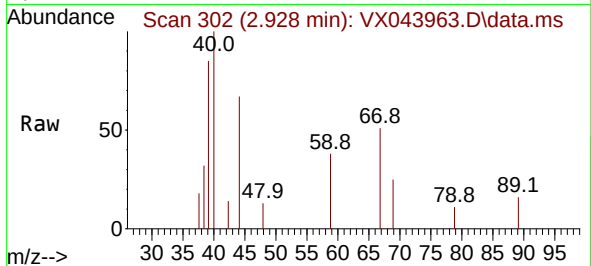




#11
Tert butyl alcohol
Concen: 0.390 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.067 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

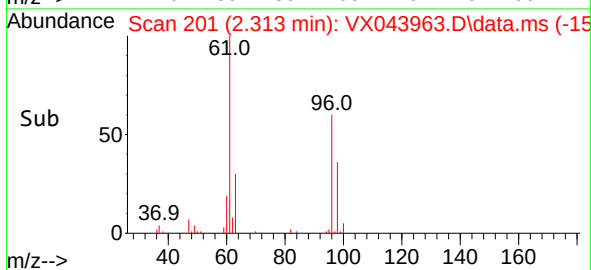
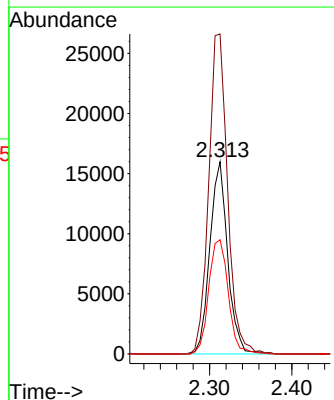
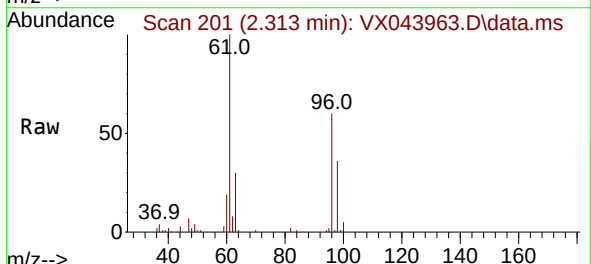
Instrument :
MSVOA_X
ClientSampleId :

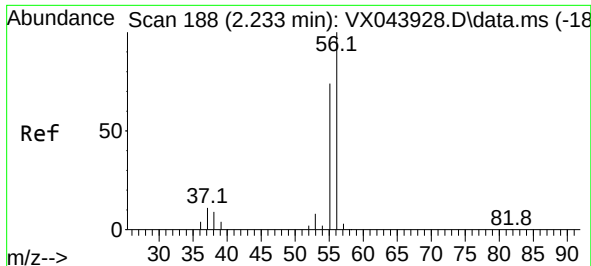
Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 19.229 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Tgt Ion: 96 Resp: 24148
Ion Ratio Lower Upper
96 100
61 166.5 135.5 203.3
98 59.5 50.8 76.2

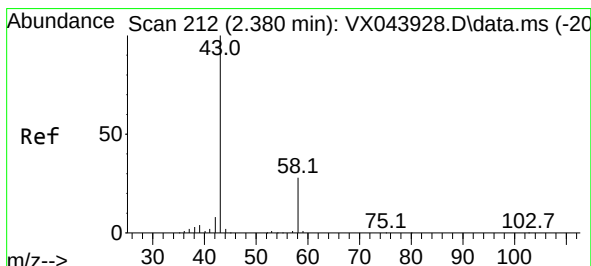
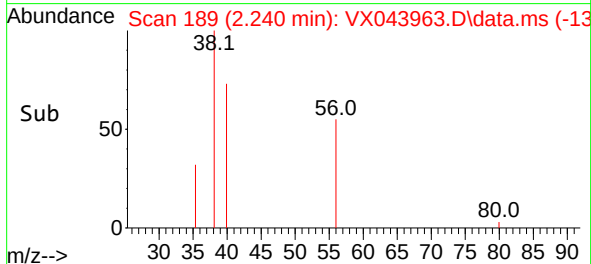
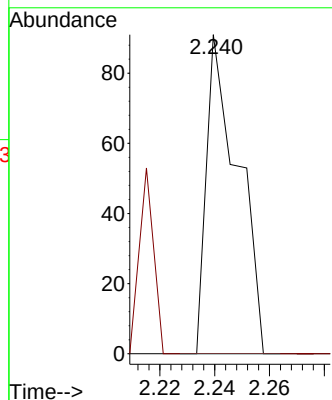
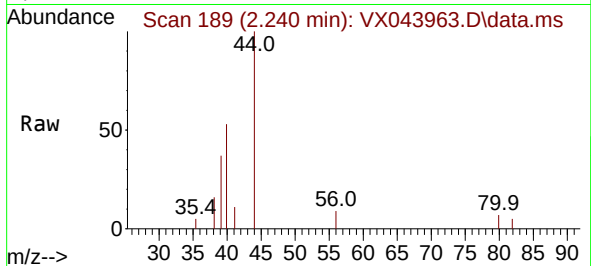




#13
Acrolein
Concen: 0.228 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

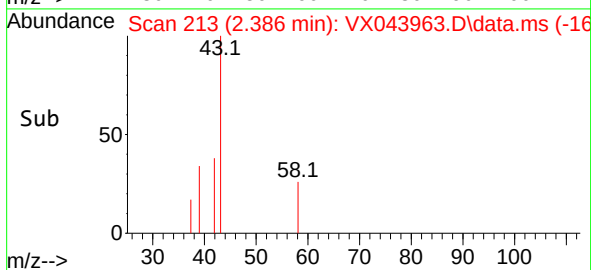
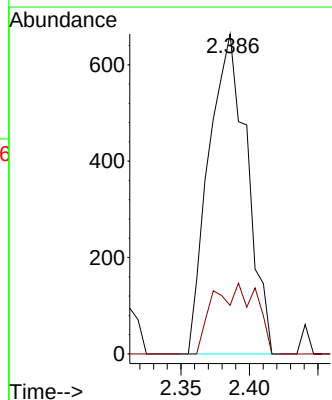
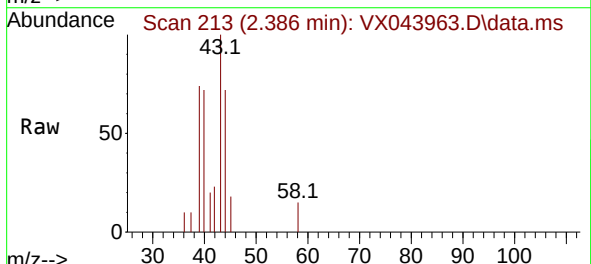
Instrument :
MSVOA_X
ClientSampleId :

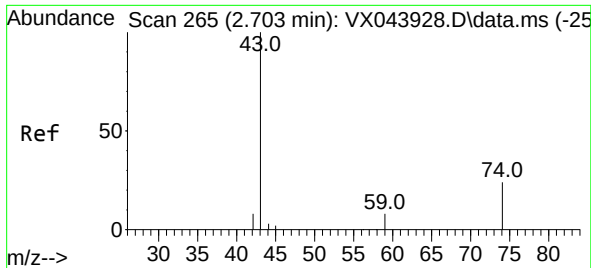
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#16
Acetone
Concen: 1.500 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

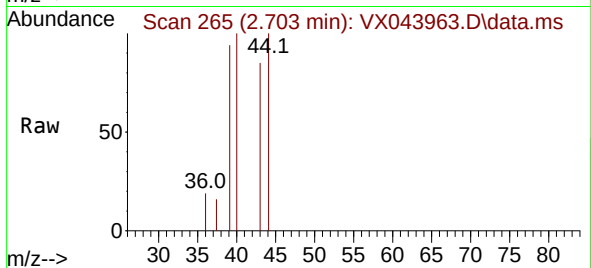
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 15.2 22.7 34.1#



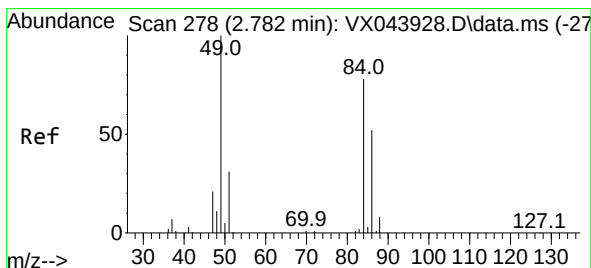
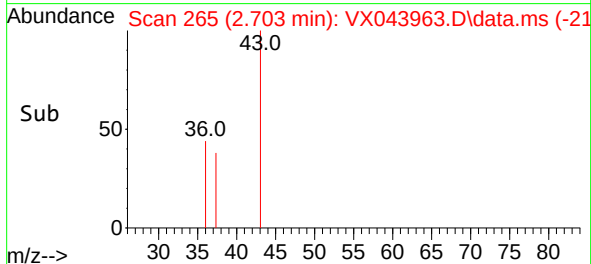
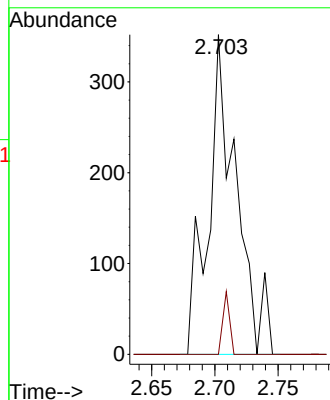


#18
Methyl Acetate
Concen: 0.272 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

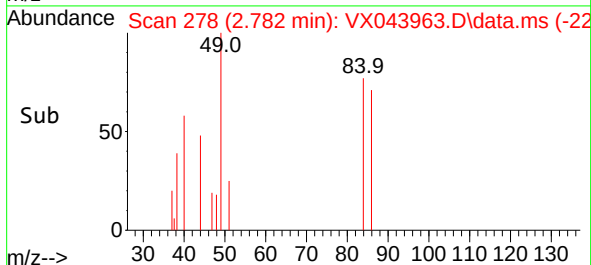
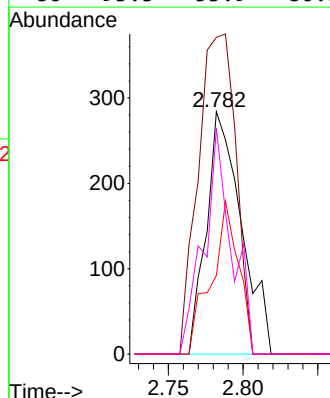
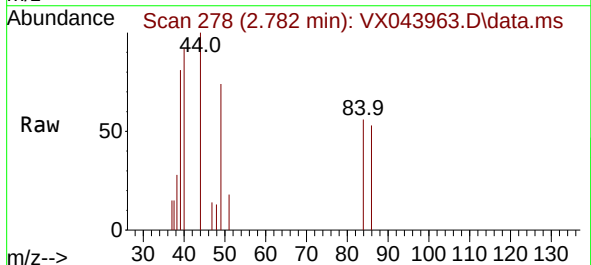


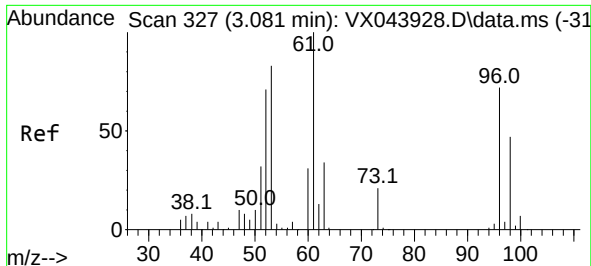
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
74 4.6 18.9 28.3#



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

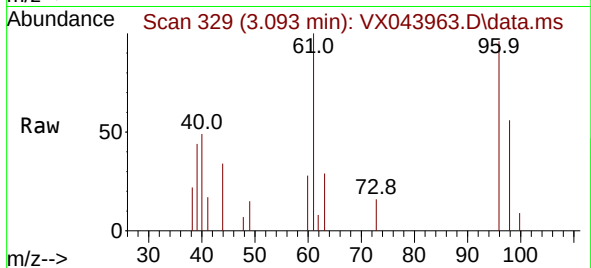
Tgt Ion: 84 Resp: 463
Ion Ratio Lower Upper
84 100
49 130.6 102.7 154.1
51 32.4 31.7 47.5
86 93.3 53.9 80.9#



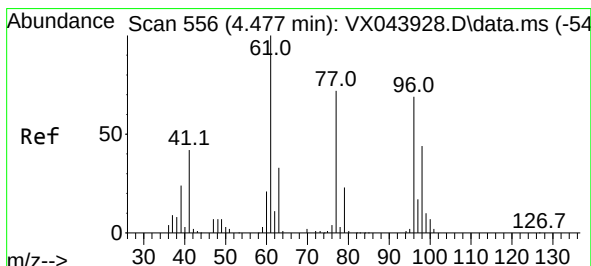
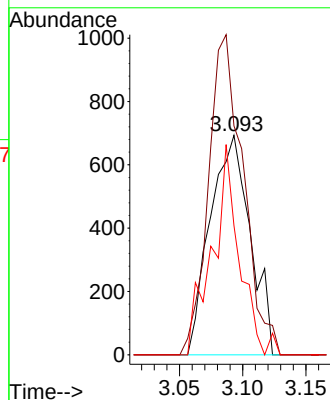
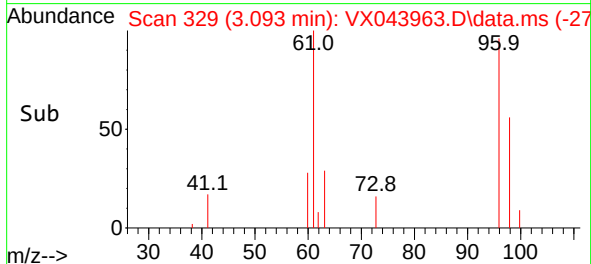


#21
trans-1,2-Dichloroethene
Concen: 1.180 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

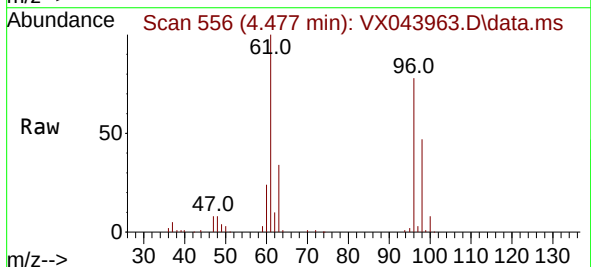
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MSVOA_X
ClientSampleId :



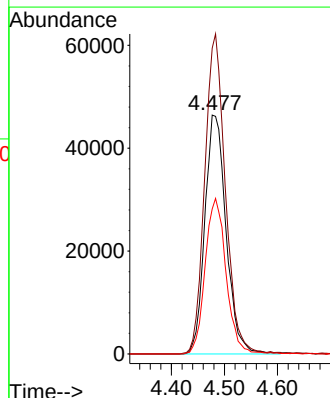
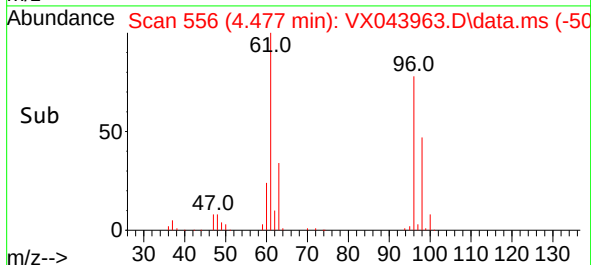
Tgt Ion: 96 Resp: 1530
Ion Ratio Lower Upper
96 100
61 104.3 111.8 167.6#
98 58.9 52.7 79.1

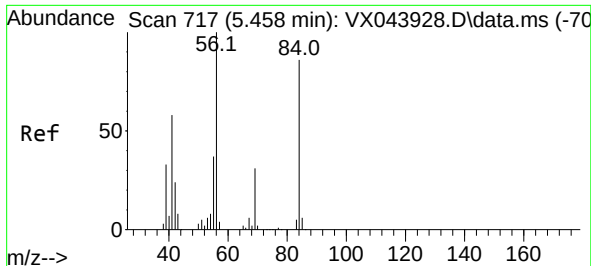


#27
cis-1,2-Dichloroethene
Concen: 80.809 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29



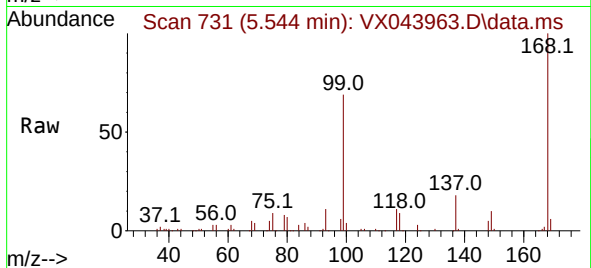
Tgt Ion: 96 Resp: 129512
Ion Ratio Lower Upper
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61 129.4 0.0 297.4
98 63.9 0.0 127.8



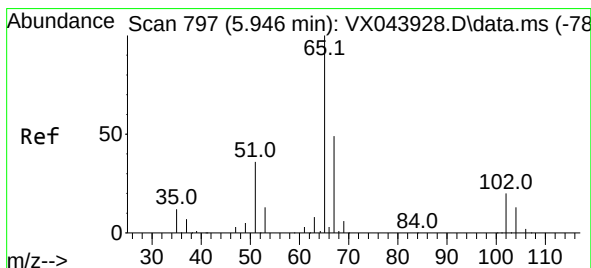
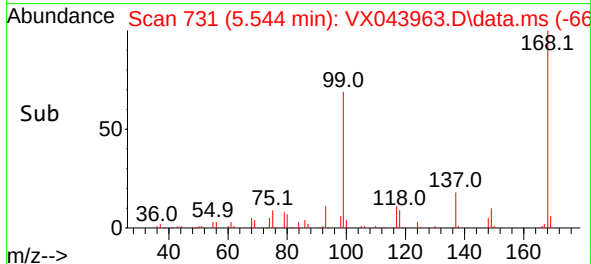
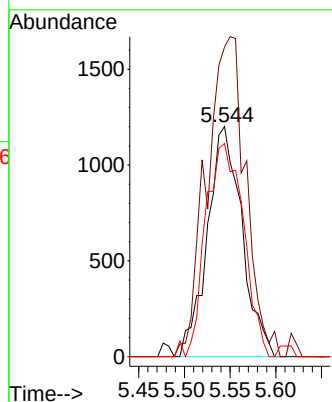


#31
Cyclohexane
Concen: 1.514 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

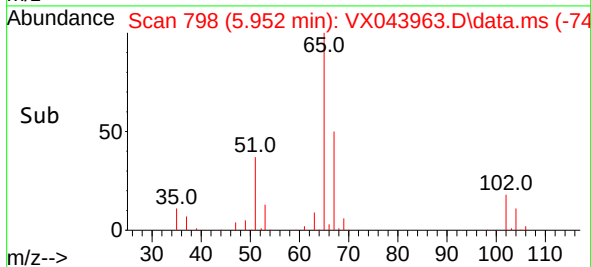
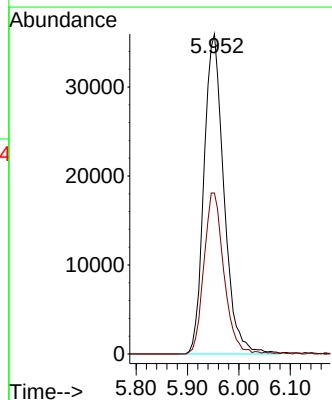
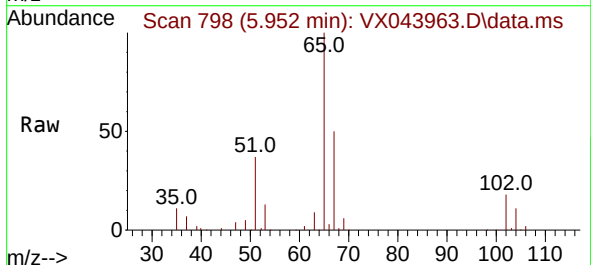


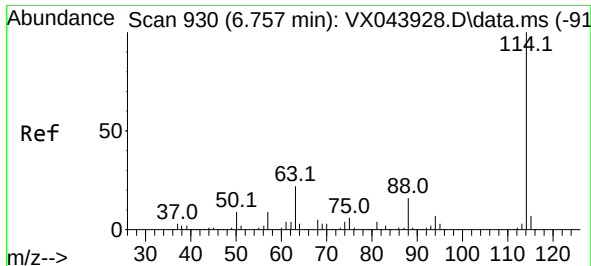
Tgt Ion: 56 Resp: 3155
Ion Ratio Lower Upper
56 100
69 134.6 24.7 37.1#
84 88.0 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 51.752 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Tgt Ion: 65 Resp: 96740
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8

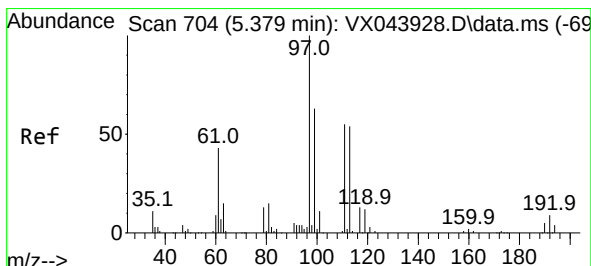
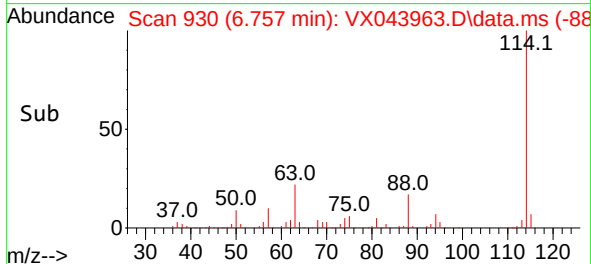
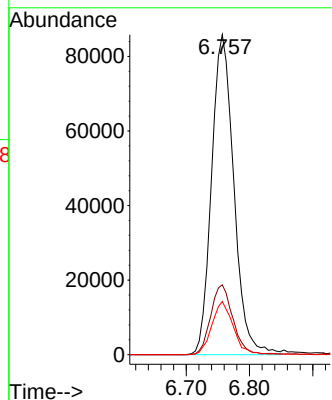
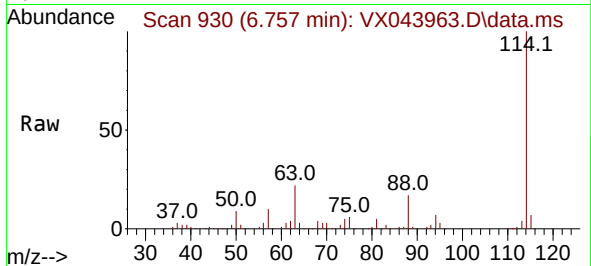




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

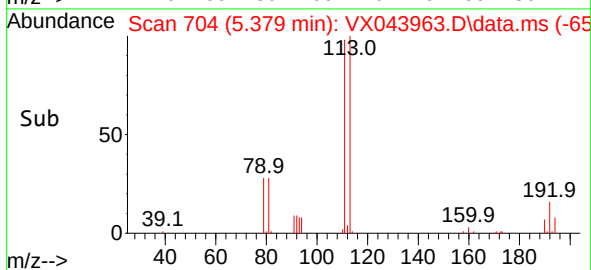
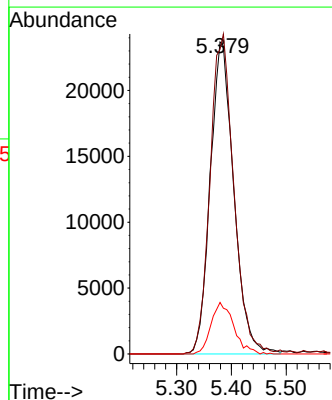
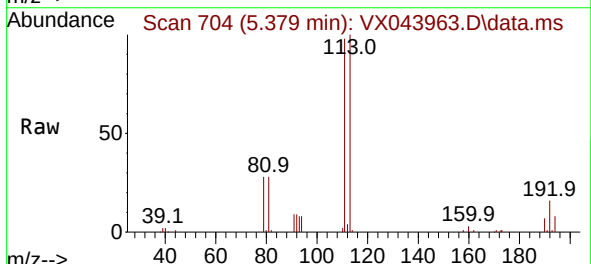
Instrument :
MSVOA_X
ClientSampleId :

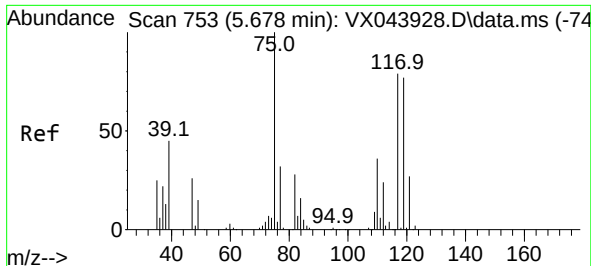
Tgt Ion:114 Resp: 210122
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.010 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Tgt Ion:113 Resp: 70582
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 16.0 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.377 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

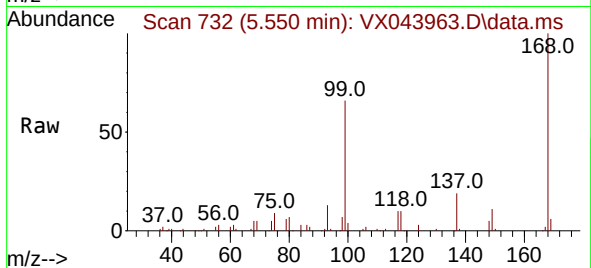
Lab File: VX043963.D

Acq: 22 Nov 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :



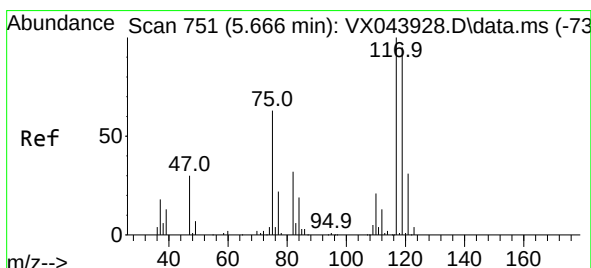
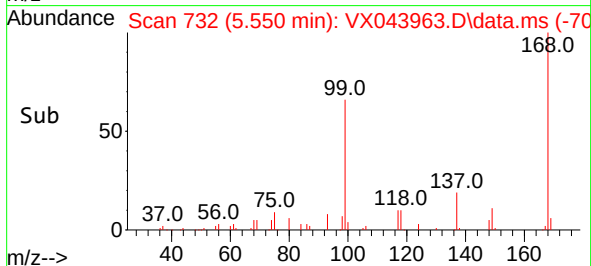
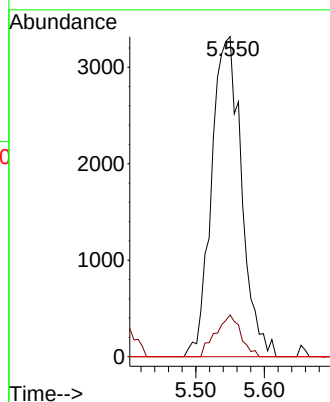
Tgt Ion: 75 Resp: 10060

Ion Ratio Lower Upper

75 100

110 10.9 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 5.828 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX043963.D

Acq: 22 Nov 2024 16:29

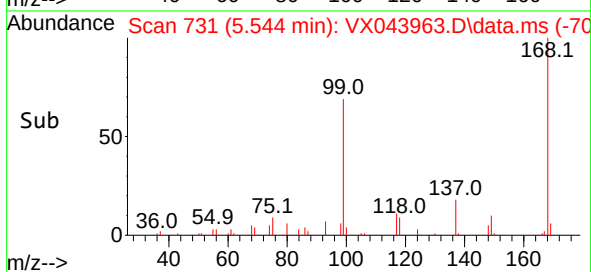
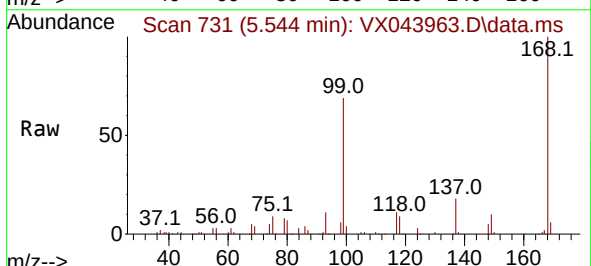
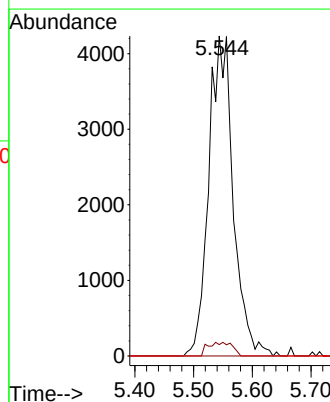
Tgt Ion: 117 Resp: 12252

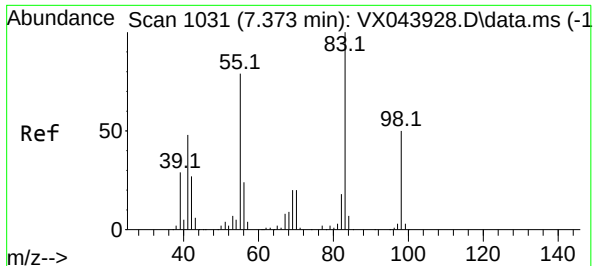
Ion Ratio Lower Upper

117 100

119 3.5 75.2 112.8#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 1.023 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.256 min

Lab File: VX043963.D

Acq: 22 Nov 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

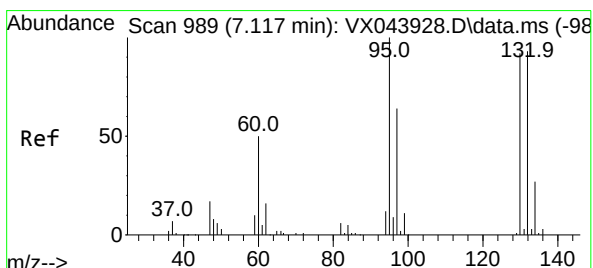
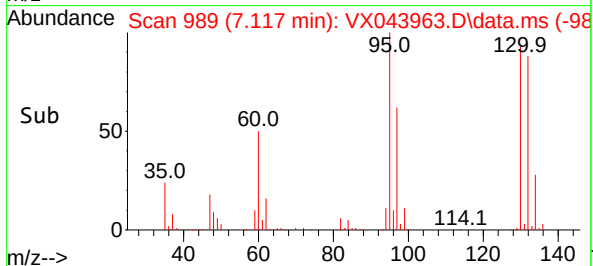
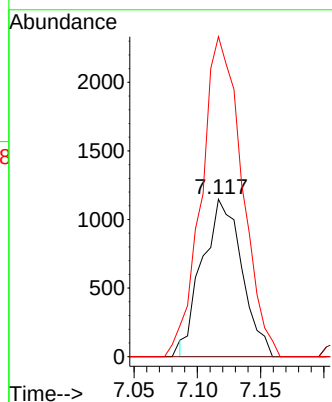
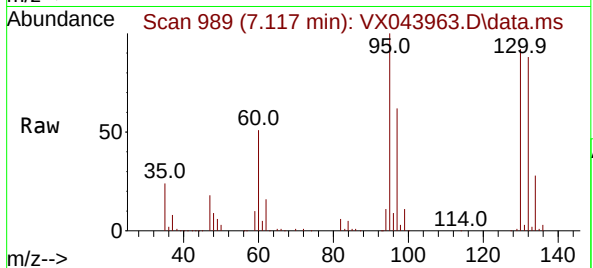
Tgt Ion: 83 Resp: 2486

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 203.2 40.0 60.0#



#44

Trichloroethene

Concen: 107.251 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX043963.D

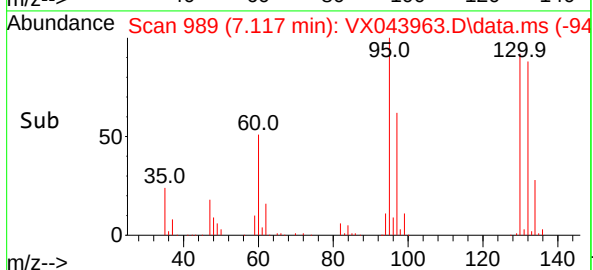
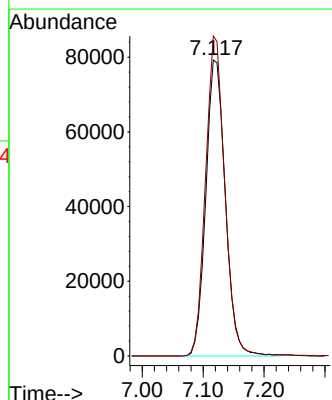
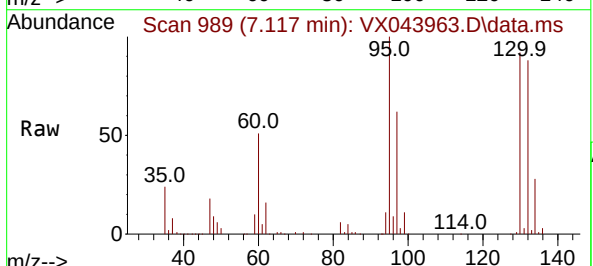
Acq: 22 Nov 2024 16:29

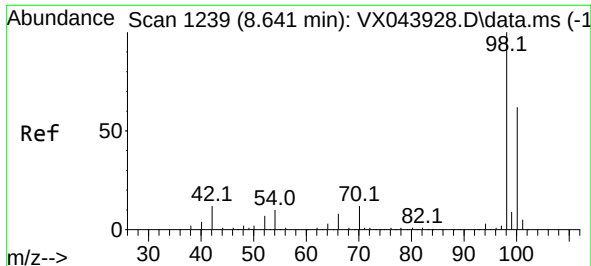
Tgt Ion:130 Resp: 176944

Ion Ratio Lower Upper

130 100

95 108.1 0.0 217.8

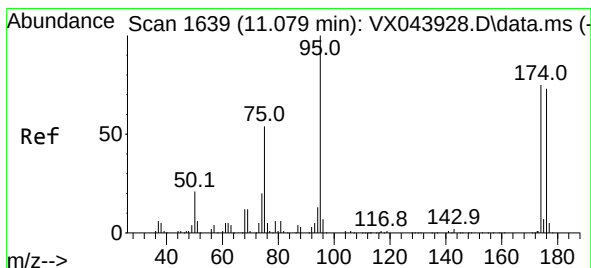
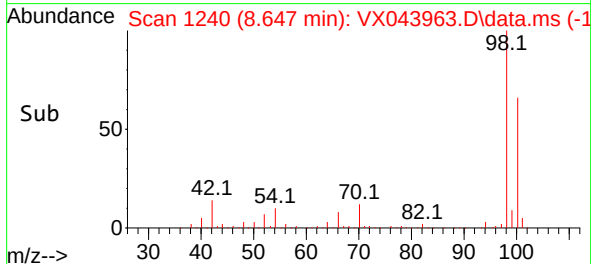
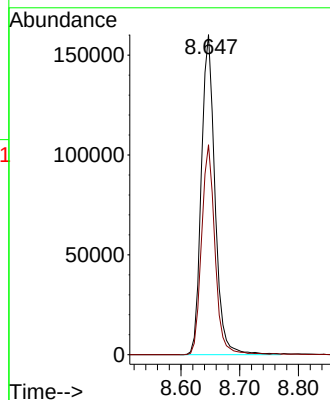
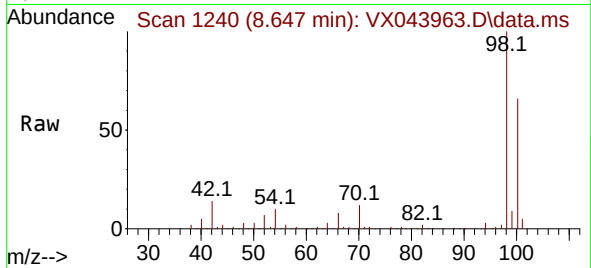




#50
Toluene-d8
Concen: 49.830 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

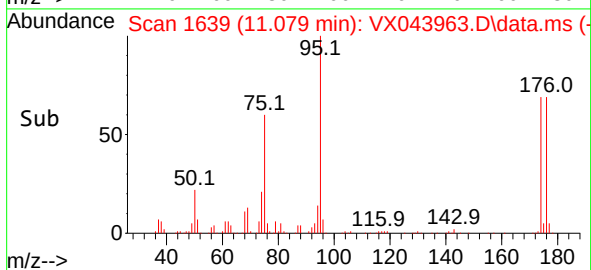
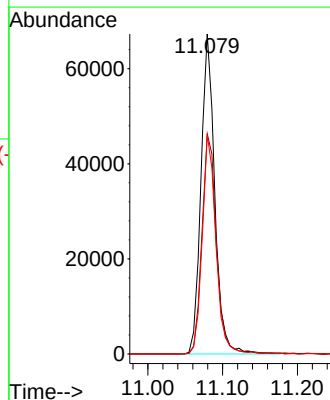
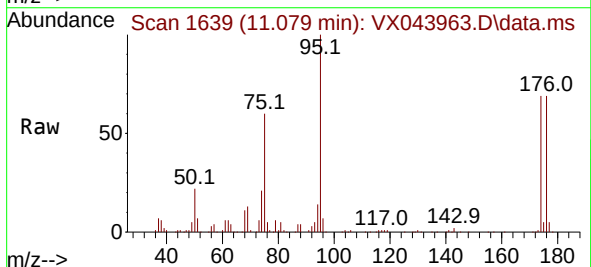
Instrument :
MSVOA_X
ClientSampleId :

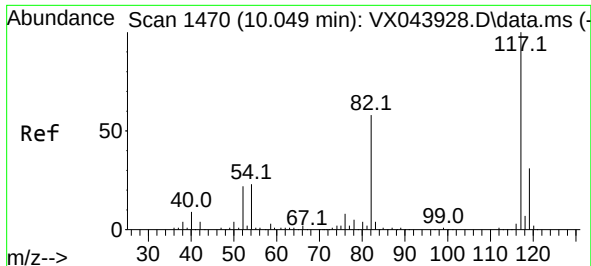
Tgt Ion: 98 Resp: 257899
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

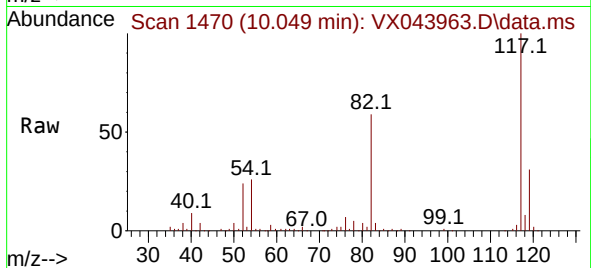
Tgt Ion: 95 Resp: 86263
Ion Ratio Lower Upper
95 100
174 72.4 0.0 150.4
176 68.1 0.0 146.0



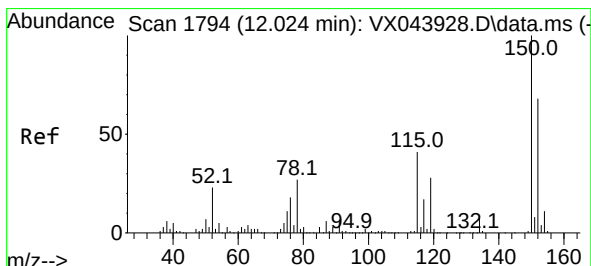
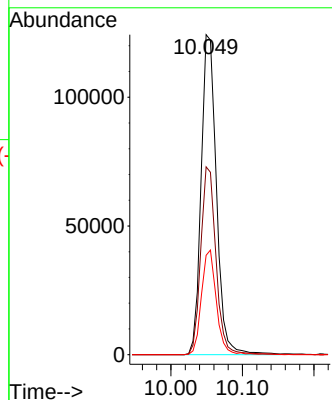
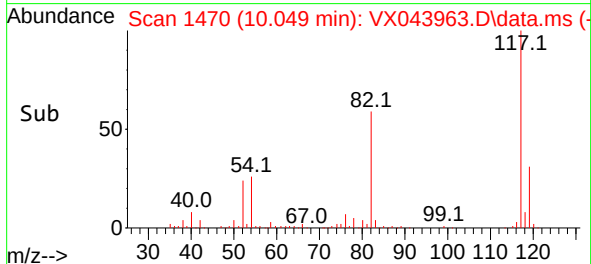


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :

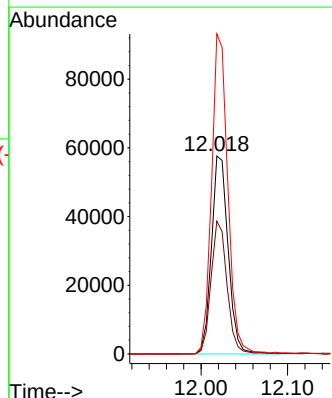
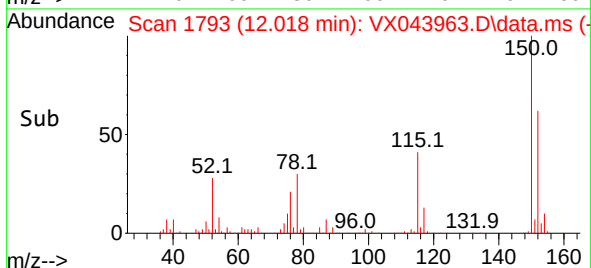
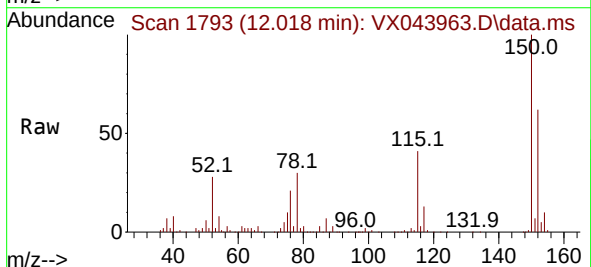


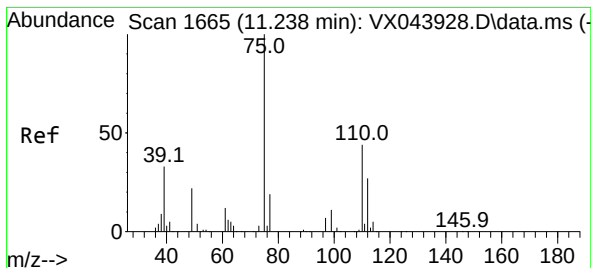
Tgt Ion:117 Resp: 184751
Ion Ratio Lower Upper
117 100
82 58.7 46.4 69.6
119 31.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043963.D
Acq: 22 Nov 2024 16:29

Tgt Ion:152 Resp: 77269
Ion Ratio Lower Upper
152 100
115 64.6 45.4 136.2
150 157.7 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.332 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043963.D

Acq: 22 Nov 2024 16:29

Instrument :

MSVOA_X

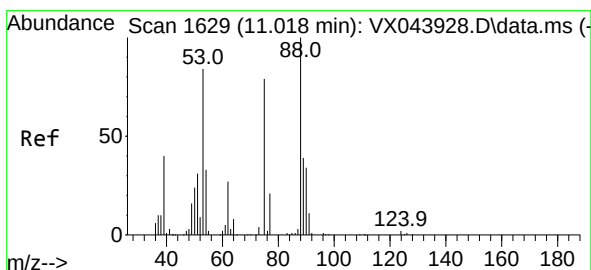
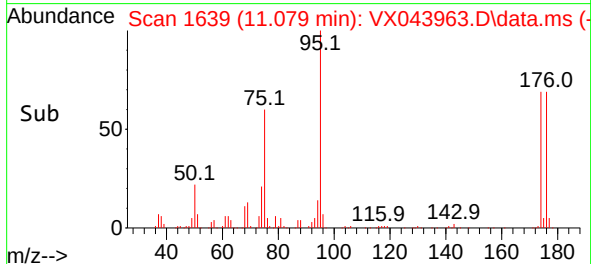
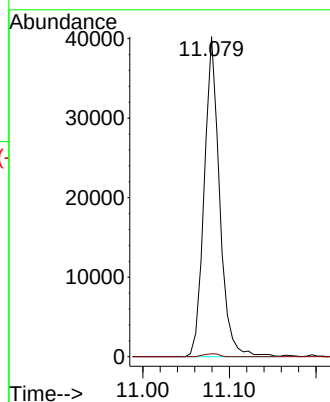
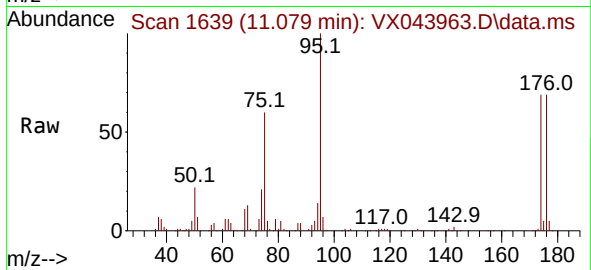
ClientSampleId :

Tgt Ion: 75 Resp: 49703

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.040 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043963.D

Acq: 22 Nov 2024 16:29

Tgt Ion: 75 Resp: 49703

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

