

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043967.D
 Acq On : 22 Nov 2024 18:01
 Operator : JC/MD
 Sample : P4846-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:27:42 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)

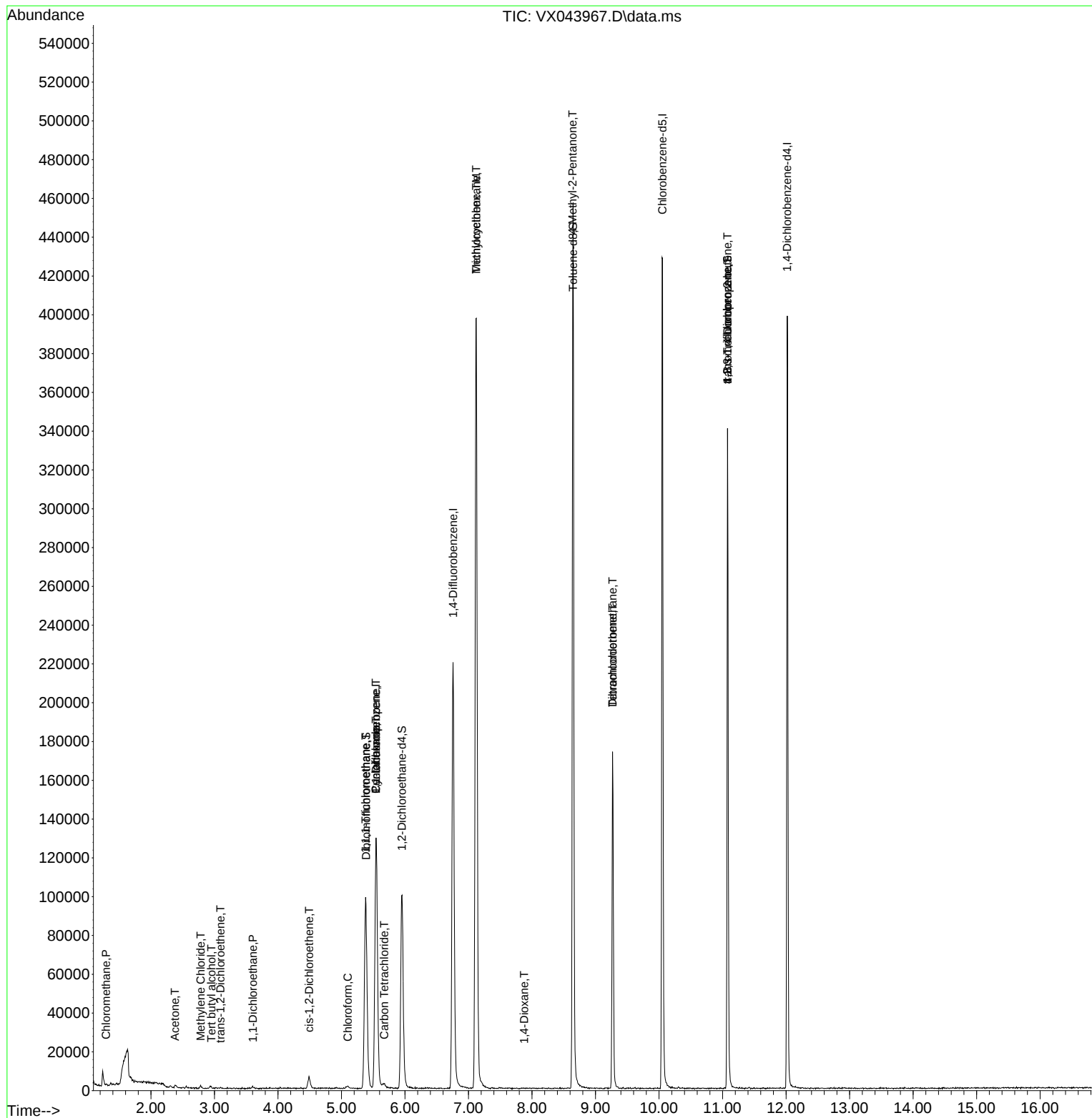
Internal Standards						
1) Pentafluorobenzene	5.543	168	113237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100774	51.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.780%	
35) Dibromofluoromethane	5.385	113	71859	45.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.640%	
50) Toluene-d8	8.646	98	272468	50.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	11.079	95	86917	47.241	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	564	0.374	ug/l #	79
11) Tert butyl alcohol	2.952	59	249	0.799	ug/l #	73
16) Acetone	2.379	43	1685	1.889	ug/l	96
20) Methylene Chloride	2.782	84	512	0.338	ug/l #	79
21) trans-1,2-Dichloroethene	3.093	96	277	0.206	ug/l #	46
24) 1,1-Dichloroethane	3.605	63	1045	0.397	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	3481	2.090	ug/l	86
30) Chloroform	5.098	83	1406	0.497	ug/l	86
31) Cyclohexane	5.543	56	3260	1.506	ug/l #	37
32) 1,1,1-Trichloroethane	5.379	97	12723	5.216	ug/l	98
36) 1,1-Dichloropropene	5.543	75	10523	5.384	ug/l #	50
38) Carbon Tetrachloride	5.671	117	1510	0.688	ug/l #	61
39) Methylcyclohexane	7.122	83	1957	0.771	ug/l #	1
44) Trichloroethene	7.122	130	147416	85.543	ug/l	93
49) 1,4-Dioxane	7.878	88	19	0.576	ug/l #	1
51) 4-Methyl-2-Pentanone	8.640	43	1422	0.604	ug/l #	1
60) Dibromochloromethane	9.268	129	29489	19.541	ug/l #	11
64) Tetrachloroethene	9.268	164	28383	22.425	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	49691	29.833	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49691	81.407	ug/l #	6

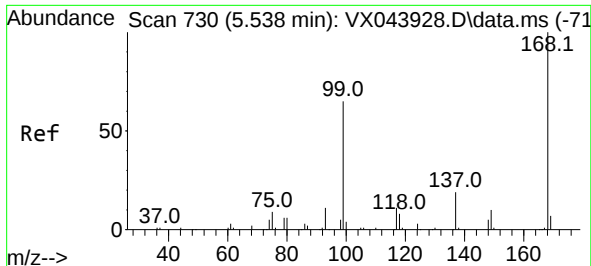
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 22 22:27:42 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

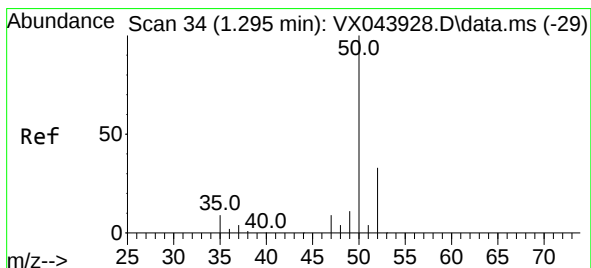
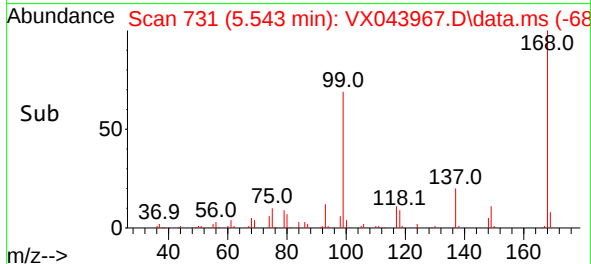
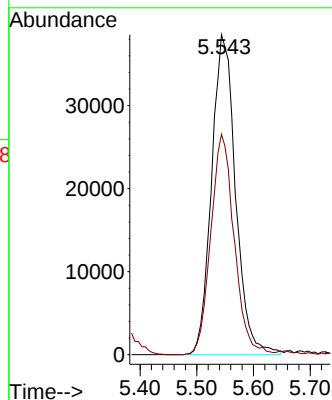
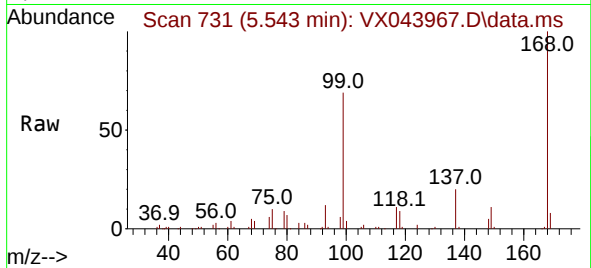




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

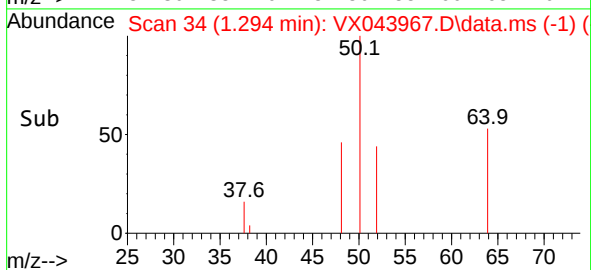
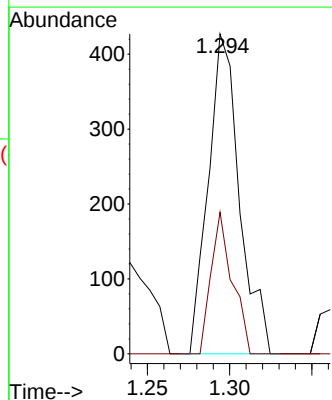
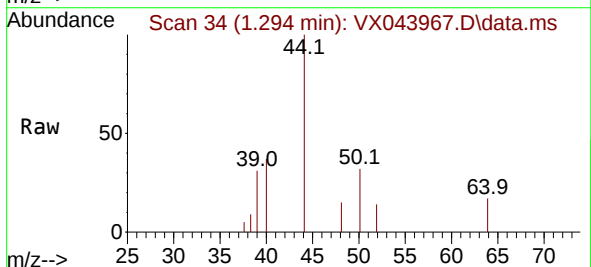
Instrument :
MSVOA_X
ClientSampleId :

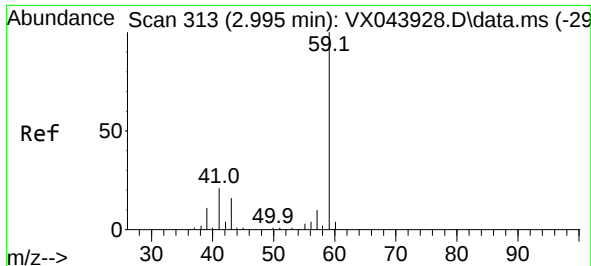
Tgt Ion:168 Resp: 113237
Ion Ratio Lower Upper
168 100
99 68.9 51.8 77.8



#3
Chloromethane
Concen: 0.374 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 44.3 26.1 39.1#





#11

Tert butyl alcohol

Concen: 0.799 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

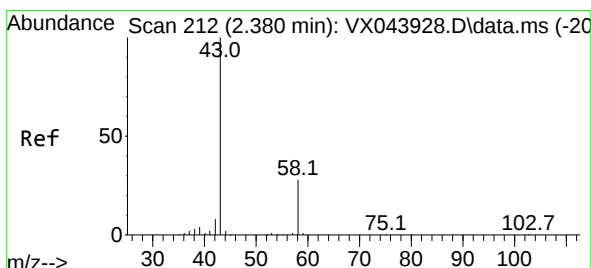
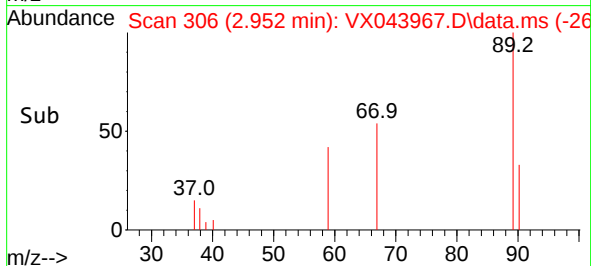
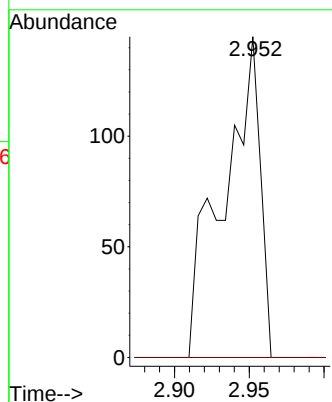
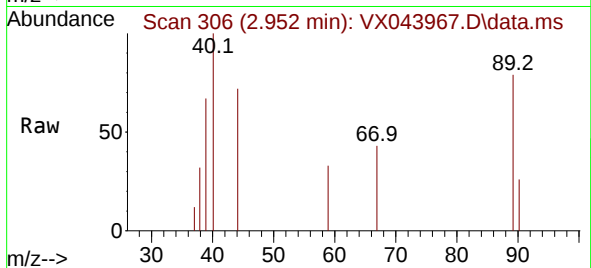
ClientSampleId :

Tgt Ion: 59 Resp: 249

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.889 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043967.D

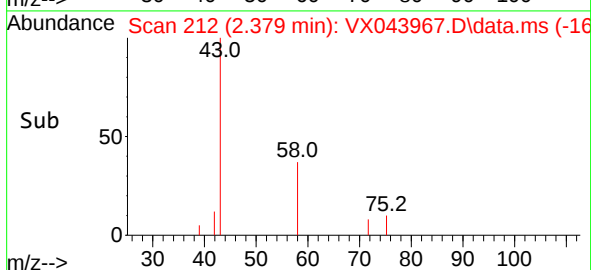
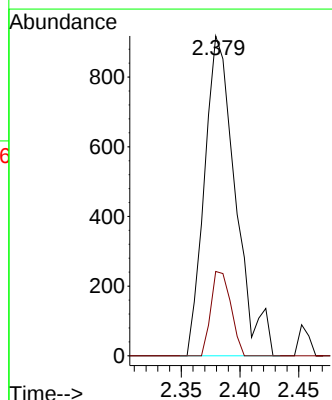
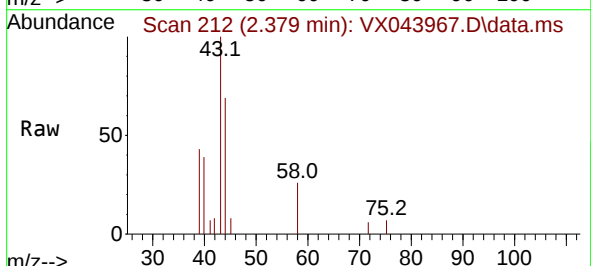
Acq: 22 Nov 2024 18:01

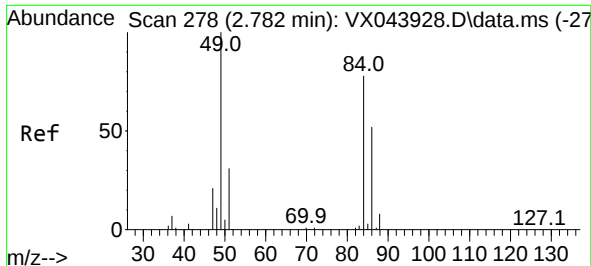
Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

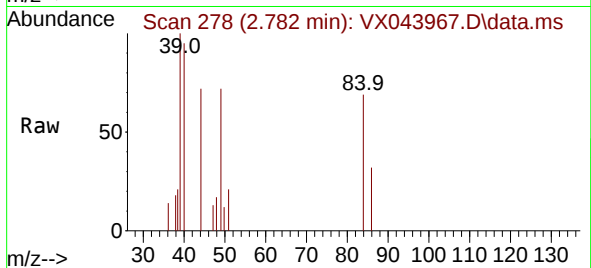
58 26.4 22.7 34.1



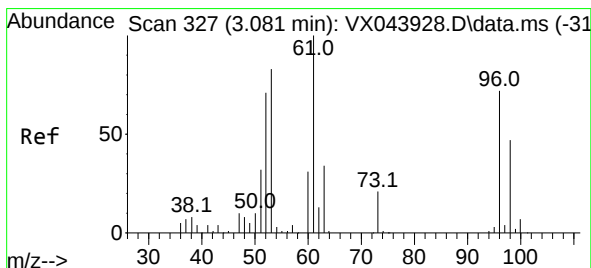
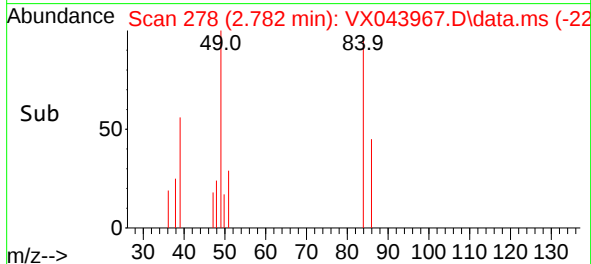
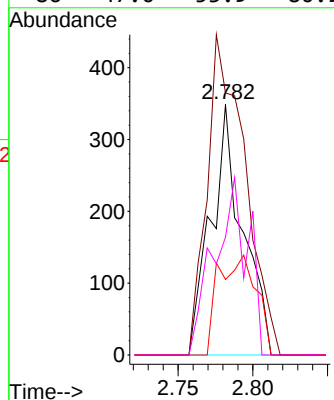


#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Instrument :
MSVOA_X
ClientSampleId :

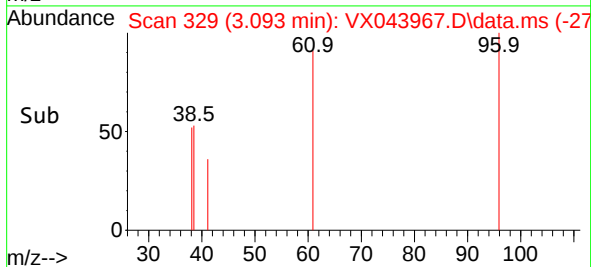
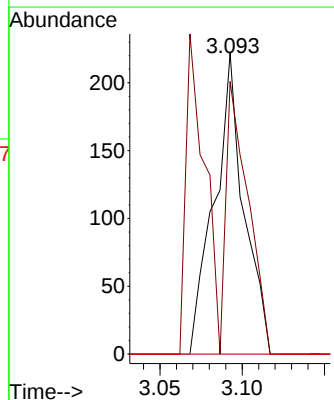
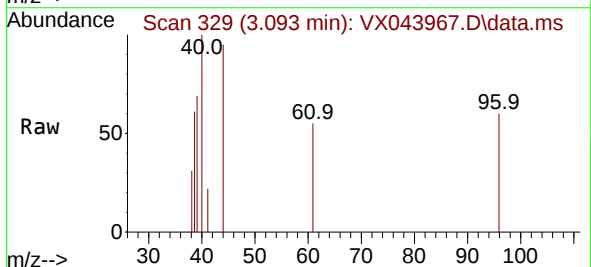


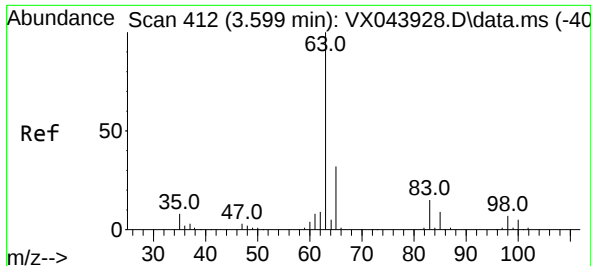
Tgt Ion:	84	Resp:	512
Ion	Ratio	Lower	Upper
84	100		
49	104.6	102.7	154.1
51	30.1	31.7	47.5#
86	47.0	53.9	80.9#



#21
trans-1,2-Dichloroethene
Concen: 0.206 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion:	96	Resp:	277
Ion	Ratio	Lower	Upper
96	100		
61	90.5	111.8	167.6#
98	0.0	52.7	79.1#

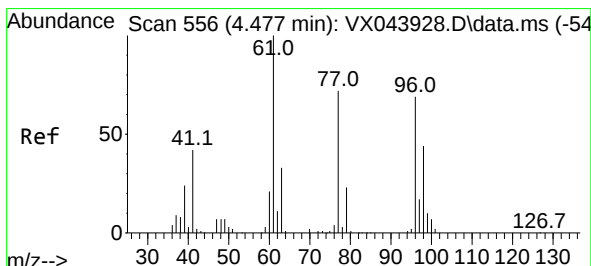
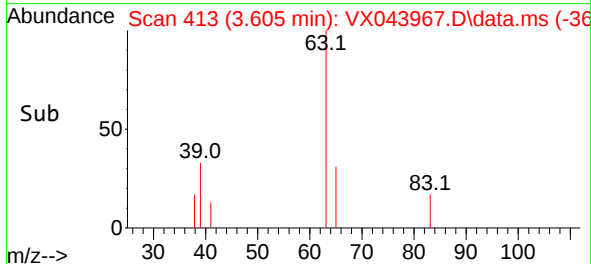
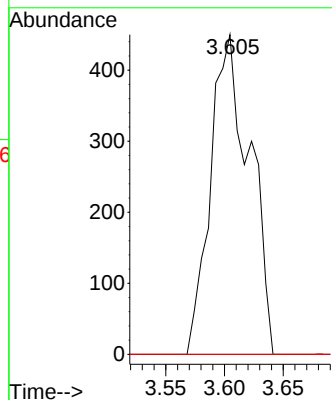
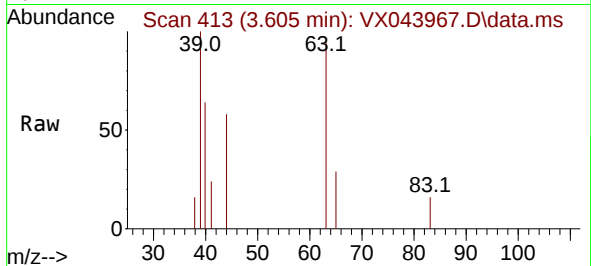




#24
1,1-Dichloroethane
Concen: 0.397 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

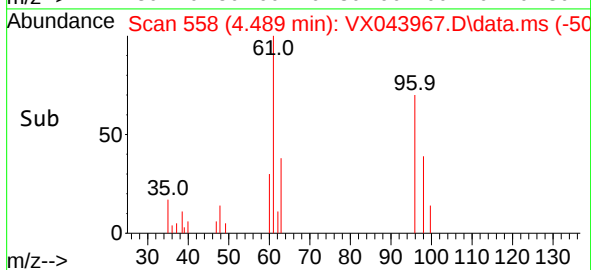
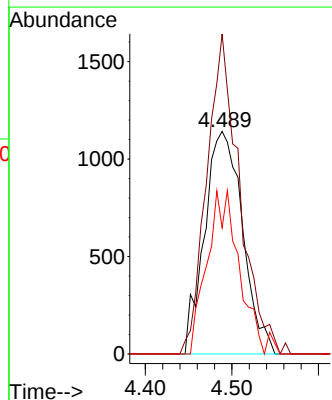
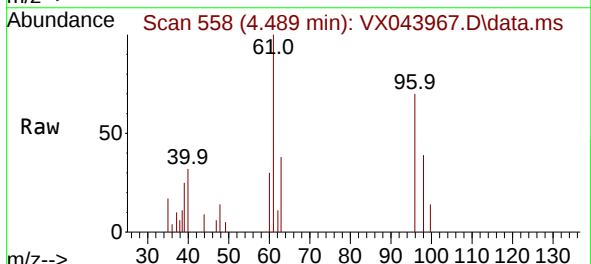
Instrument :
MSVOA_X
ClientSampleId :

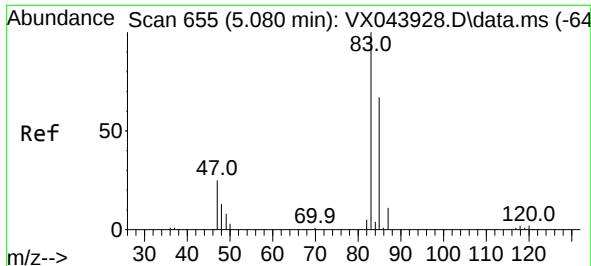
Tgt Ion: 63 Resp: 1045
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.4 7.1#



#27
cis-1,2-Dichloroethene
Concen: 2.090 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion: 96 Resp: 3481
Ion Ratio Lower Upper
96 100
61 124.4 0.0 297.4
98 61.4 0.0 127.8





#30

Chloroform

Concen: 0.497 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

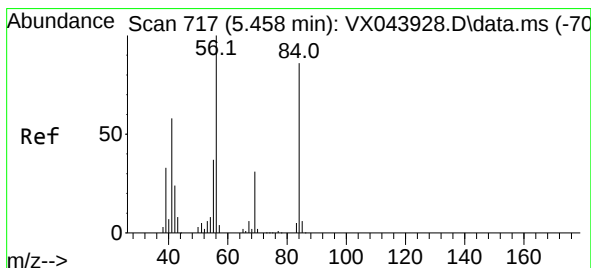
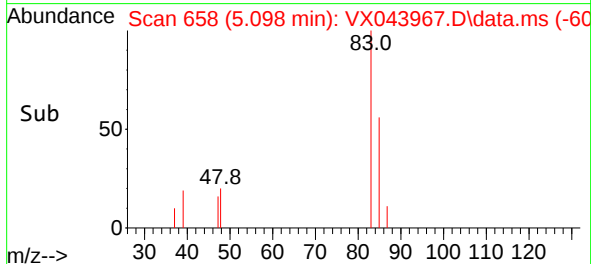
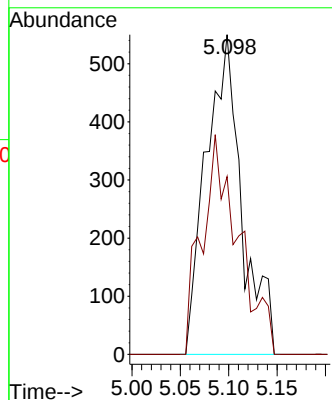
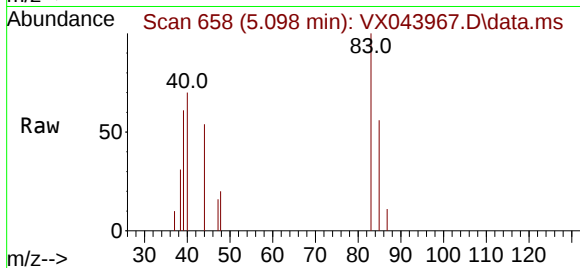
ClientSampleId :

Tgt Ion: 83 Resp: 1406

Ion Ratio Lower Upper

83 100

85 55.6 53.5 80.3



#31

Cyclohexane

Concen: 1.506 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

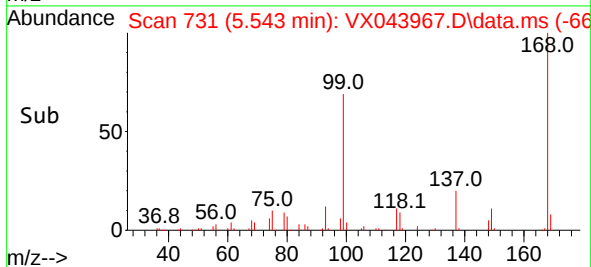
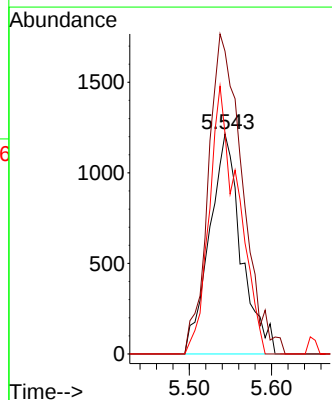
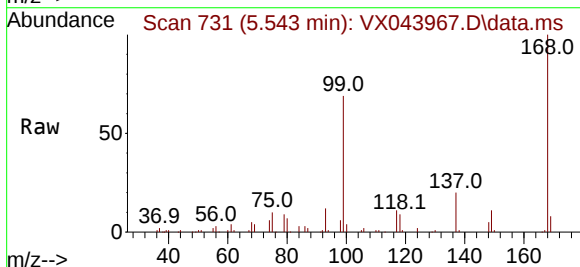
Tgt Ion: 56 Resp: 3260

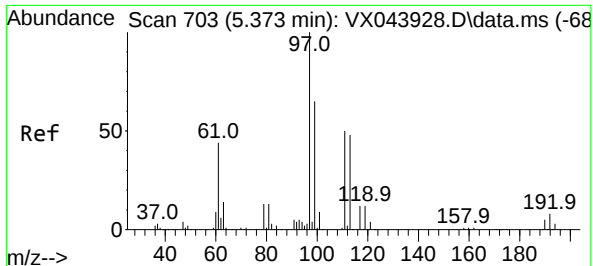
Ion Ratio Lower Upper

56 100

69 137.6 24.7 37.1#

84 100.2 68.7 103.1





#32

1,1,1-Trichloroethane

Concen: 5.216 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

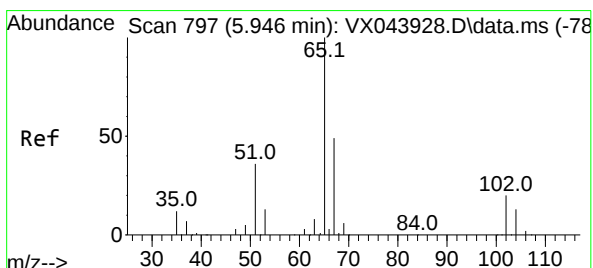
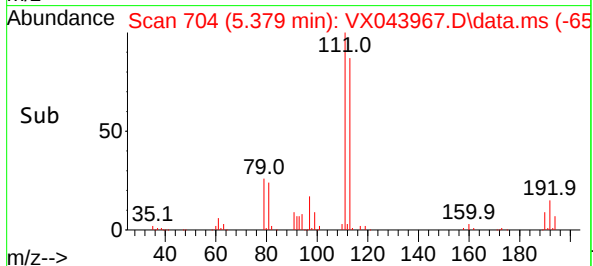
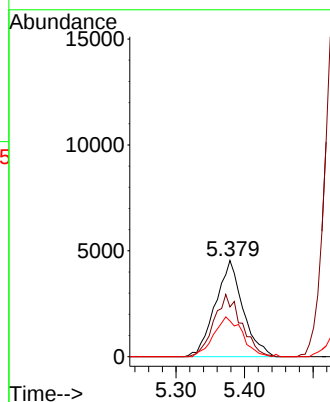
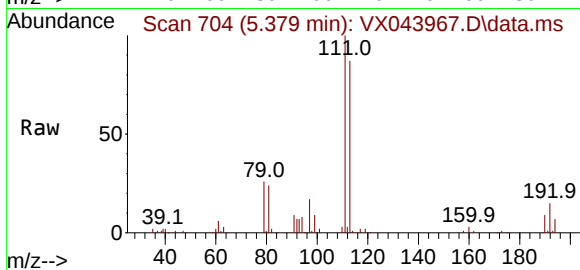
Tgt Ion: 97 Resp: 12723

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 42.5 35.4 53.2



#33

1,2-Dichloroethane-d4

Concen: 51.886 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043967.D

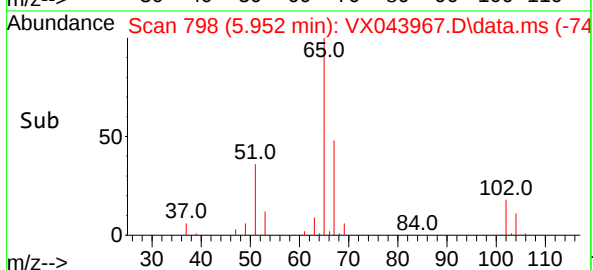
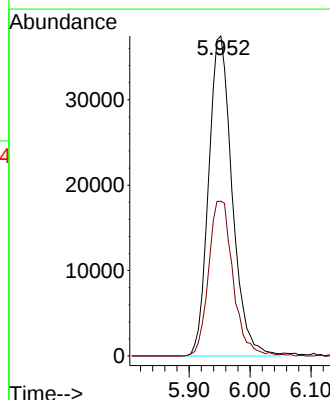
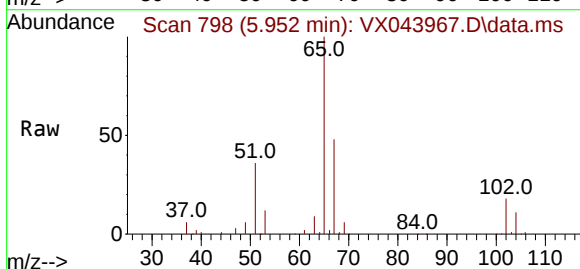
Acq: 22 Nov 2024 18:01

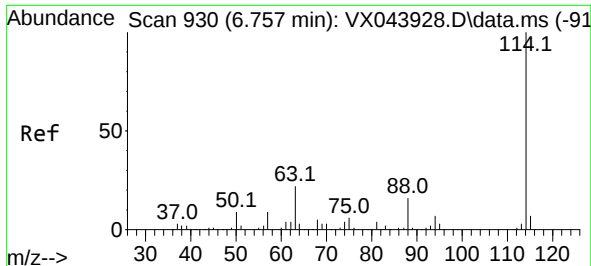
Tgt Ion: 65 Resp: 100774

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8

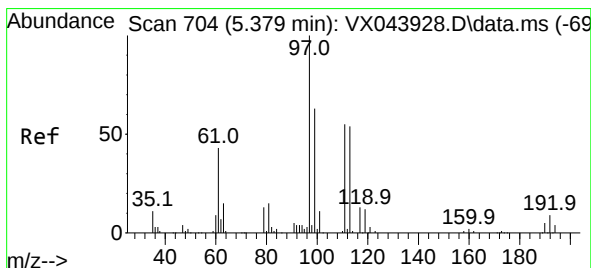
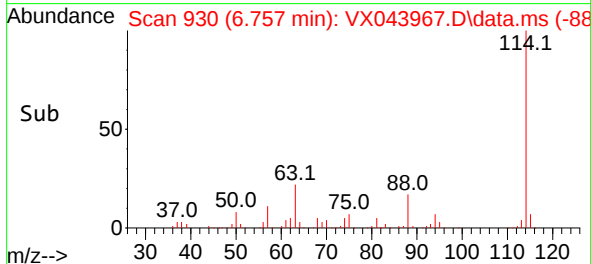
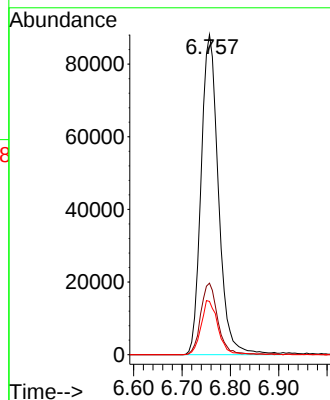
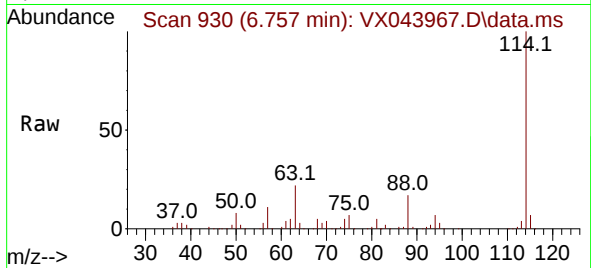




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

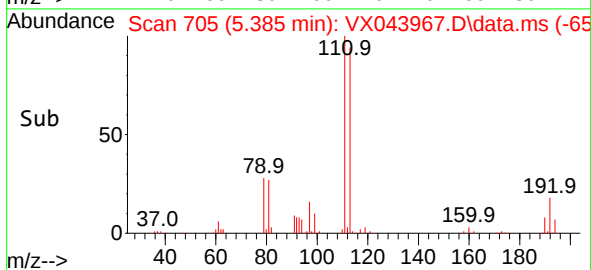
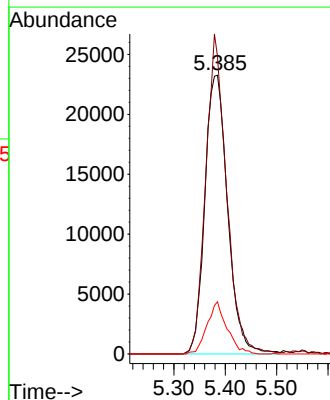
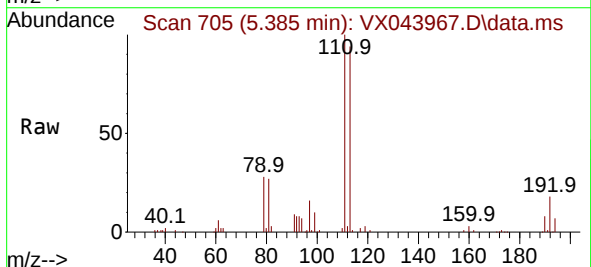
Instrument :
MSVOA_X
ClientSampleId :

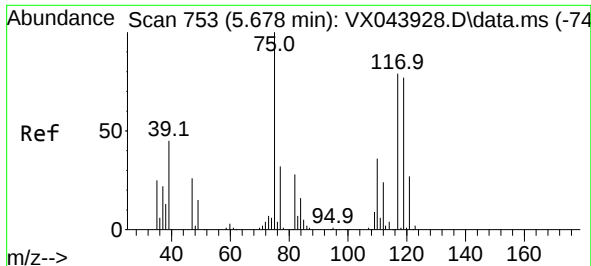
Tgt Ion:114 Resp: 219483
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion:113 Resp: 71859
Ion Ratio Lower Upper
113 100
111 104.1 81.0 121.4
192 16.4 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.384 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.135 min

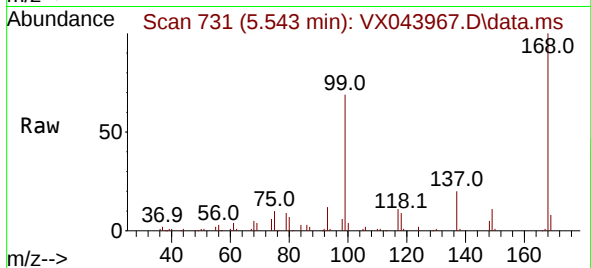
Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :



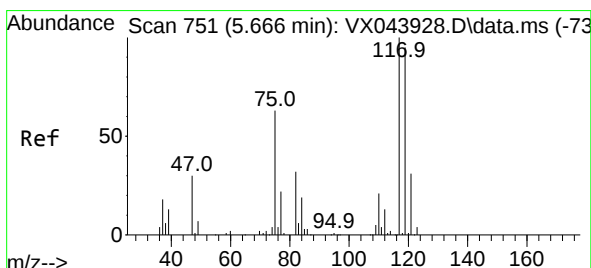
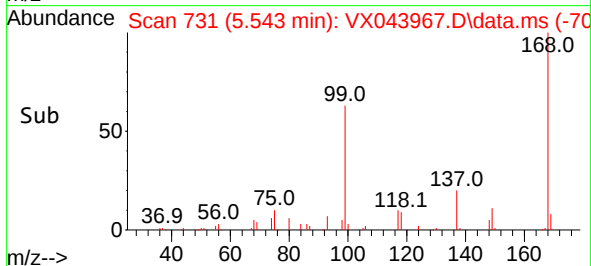
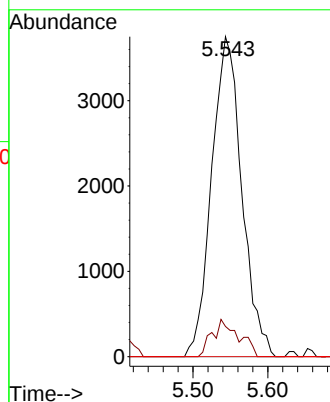
Tgt Ion: 75 Resp: 10523

Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 0.688 ug/l

RT: 5.671 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

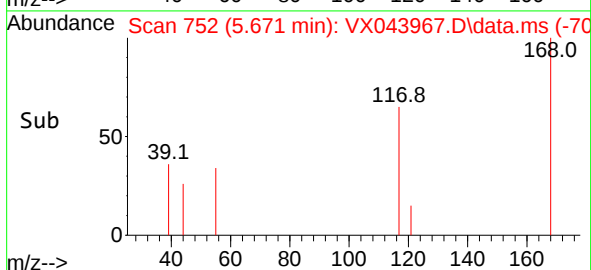
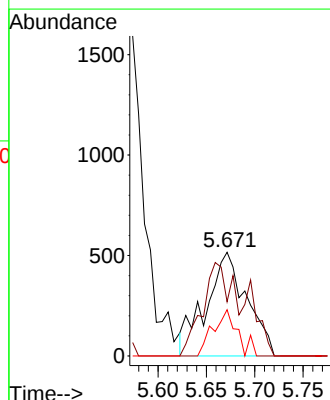
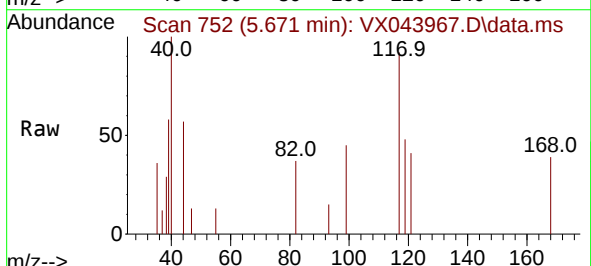
Tgt Ion: 117 Resp: 1510

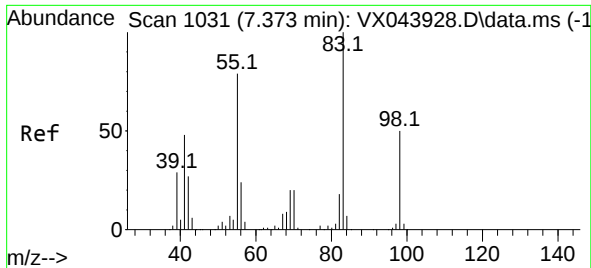
Ion Ratio Lower Upper

117 100

119 52.3 75.2 112.8#

121 44.6 24.5 36.7#

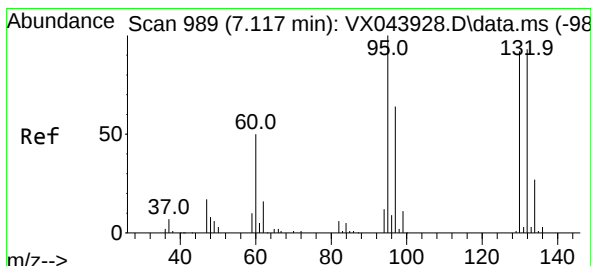
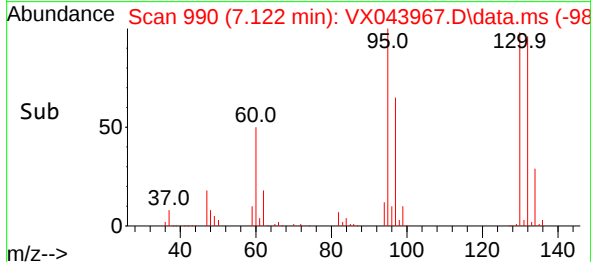
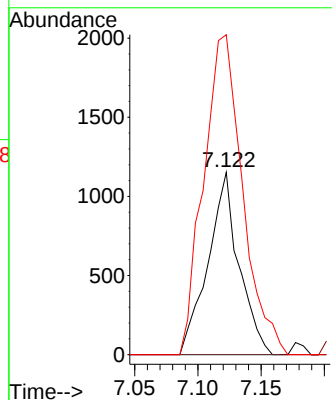
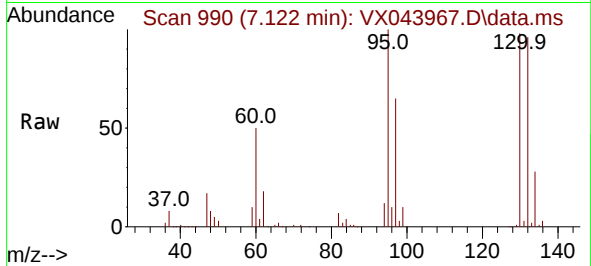




#39
Methylcyclohexane
Concen: 0.771 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

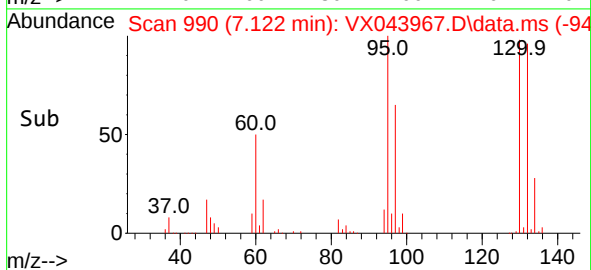
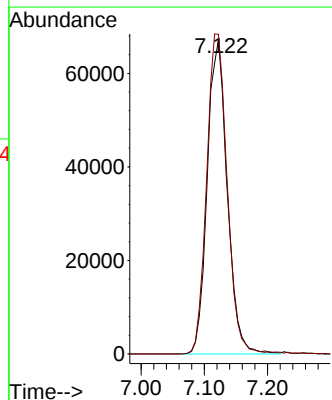
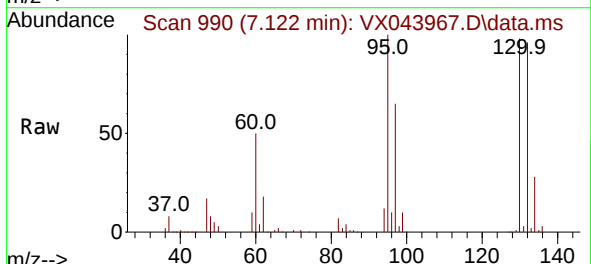
Instrument :
MSVOA_X
ClientSampleId :

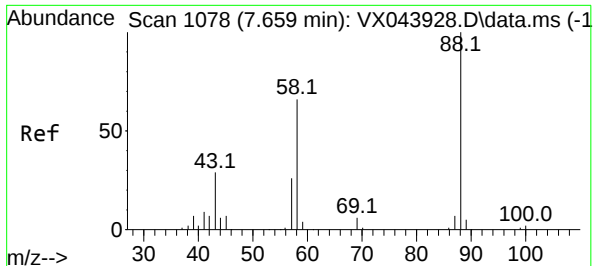
Tgt Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 175.5 40.0 60.0#



#44
Trichloroethene
Concen: 85.543 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion:130 Resp: 147416
Ion Ratio Lower Upper
130 100
95 101.7 0.0 217.8





#49

1,4-Dioxane

Concen: 0.576 ug/l

RT: 7.878 min Scan# 1114

Delta R.T. 0.219 min

Lab File: VX043967.D

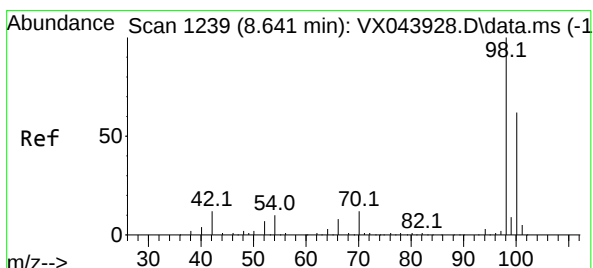
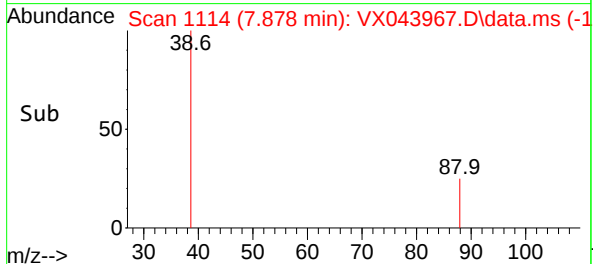
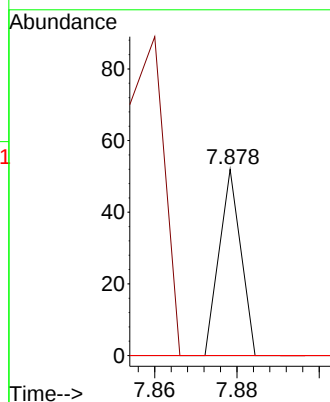
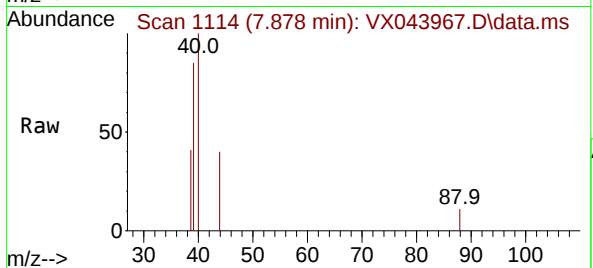
Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	19
Ion	Ratio	Lower	Upper
88	100		
43	305.3	26.8	40.2#
58	0.0	45.4	68.2#



#50

Toluene-d8

Concen: 50.400 ug/l

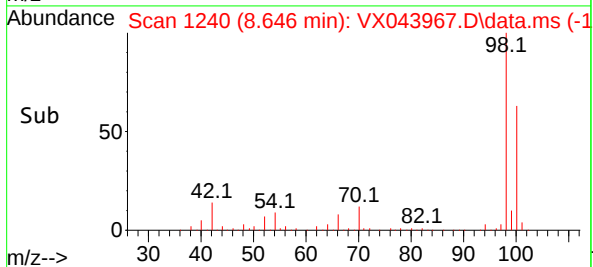
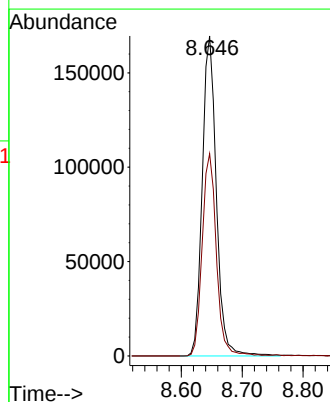
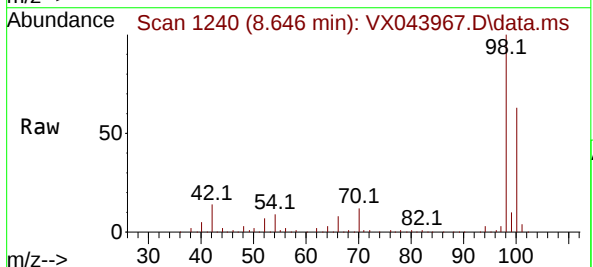
RT: 8.646 min Scan# 1240

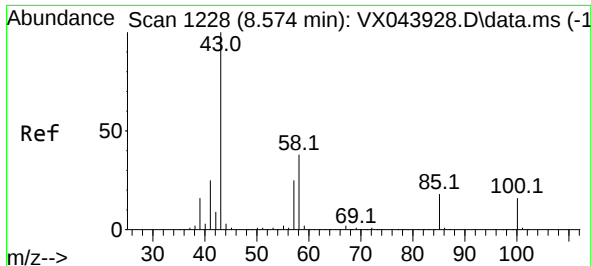
Delta R.T. 0.006 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Tgt Ion:	98	Resp:	272468
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.6	79.0

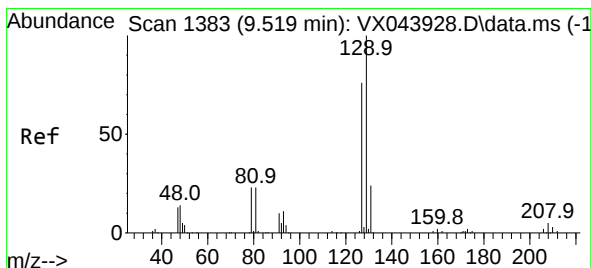
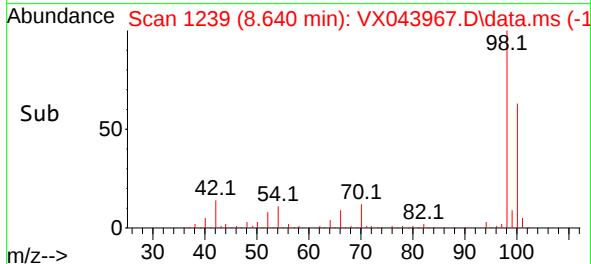
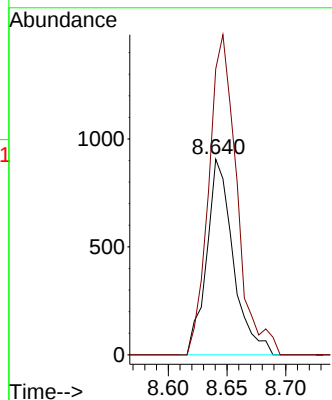
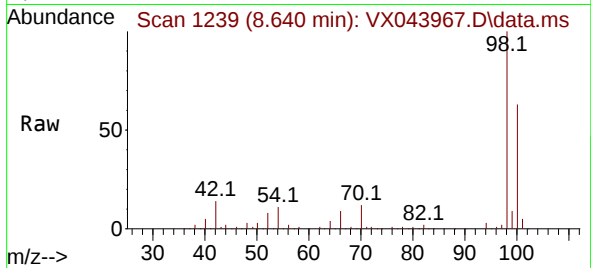




#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

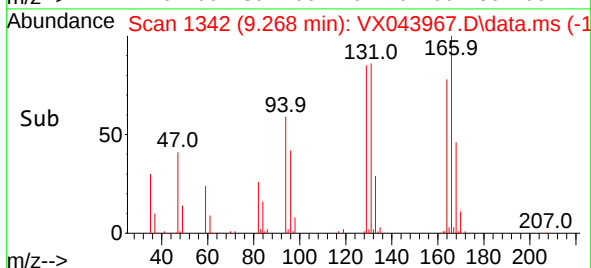
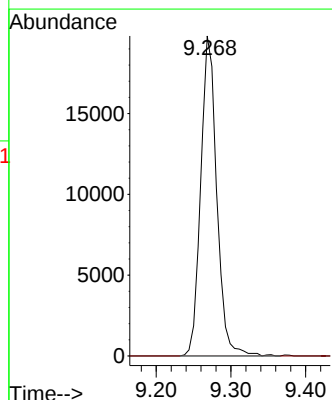
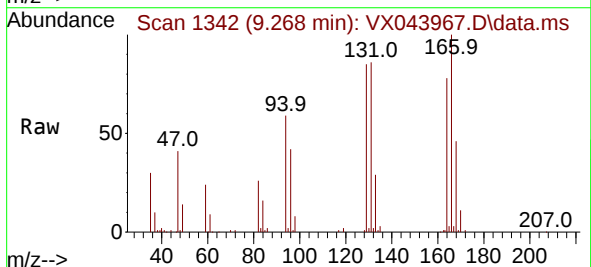
Instrument :
MSVOA_X
ClientSampleId :

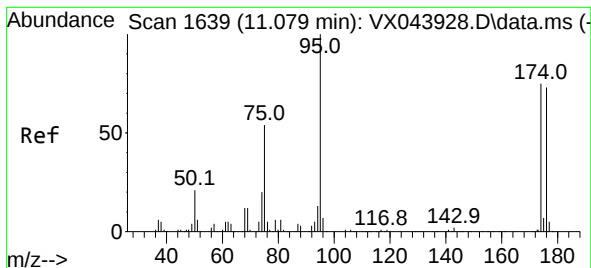
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 173.1 30.0 45.0#



#60
Dibromochloromethane
Concen: 19.541 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion: 129 Resp: 29489
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#

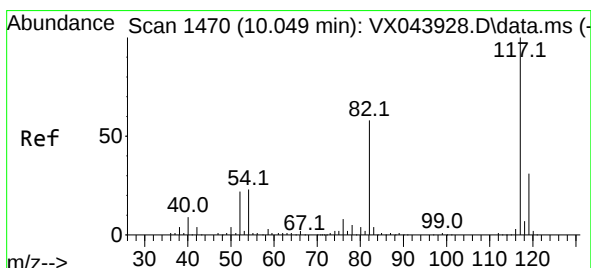
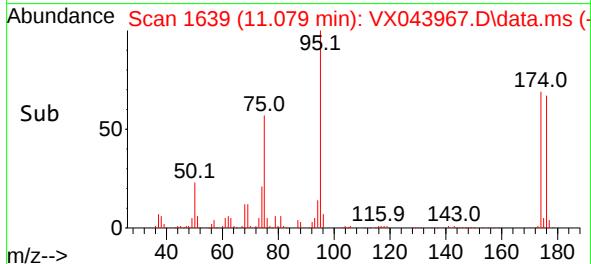
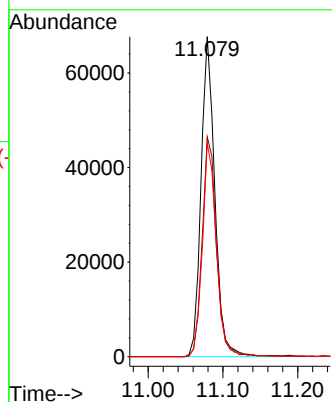
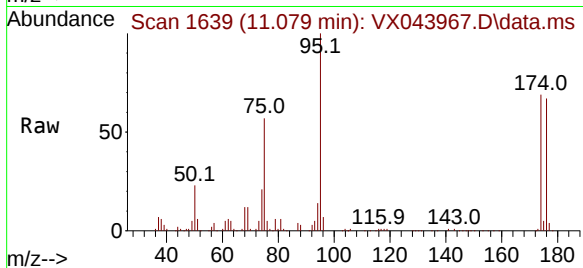




#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

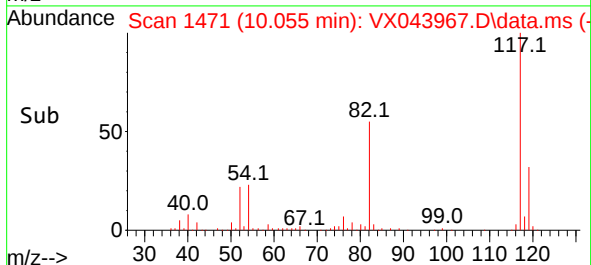
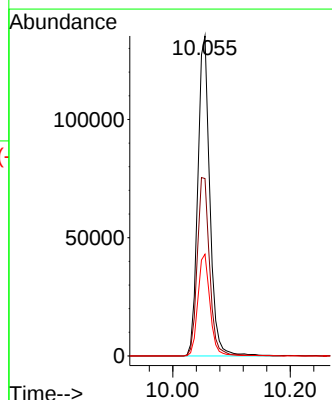
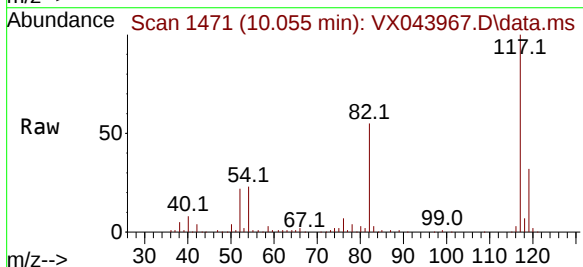
Instrument :
MSVOA_X
ClientSampleId :

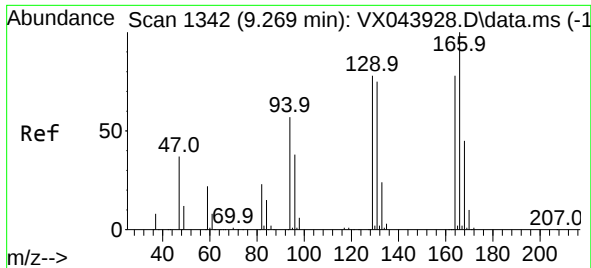
Tgt Ion: 95 Resp: 86917
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.4
176 67.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

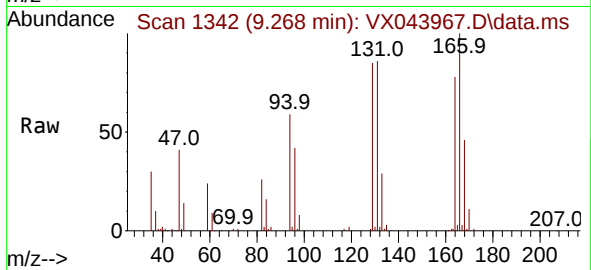
Tgt Ion: 117 Resp: 191952
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 31.8 24.6 37.0



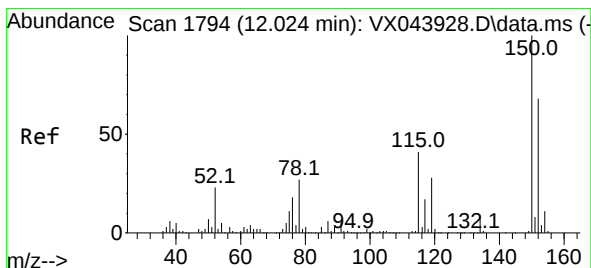
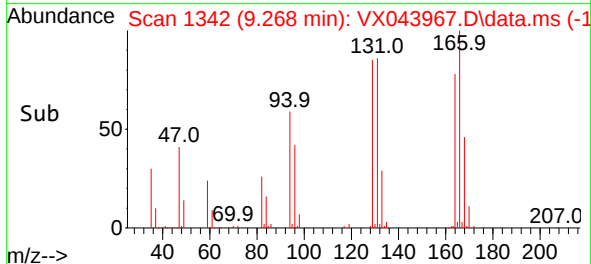
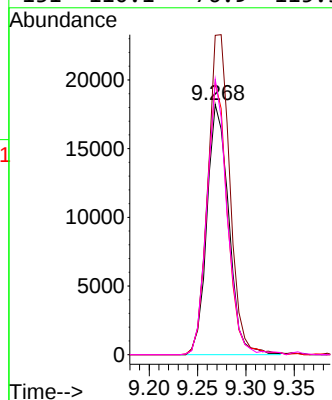


#64
Tetrachloroethene
Concen: 22.425 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Instrument :
MSVOA_X
ClientSampleId :

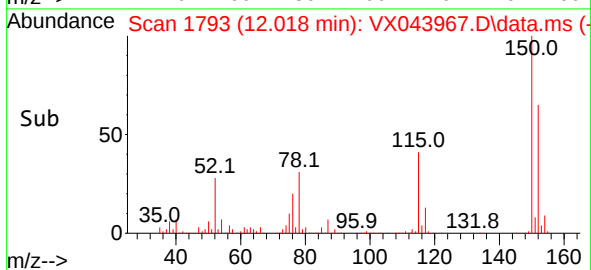
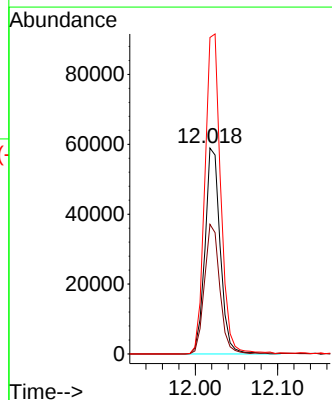
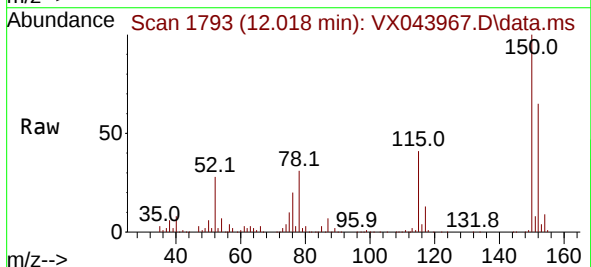


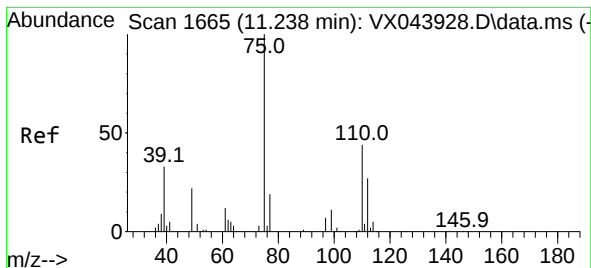
Tgt Ion:164 Resp: 28383
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 108.7 79.6 119.4
131 110.1 76.9 115.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VX043967.D
Acq: 22 Nov 2024 18:01

Tgt Ion:152 Resp: 75953
Ion Ratio Lower Upper
152 100
115 63.0 45.4 136.2
150 161.4 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.833 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Instrument :

MSVOA_X

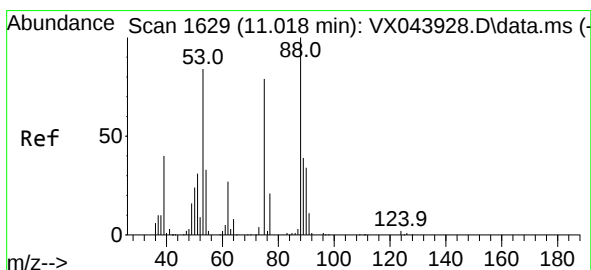
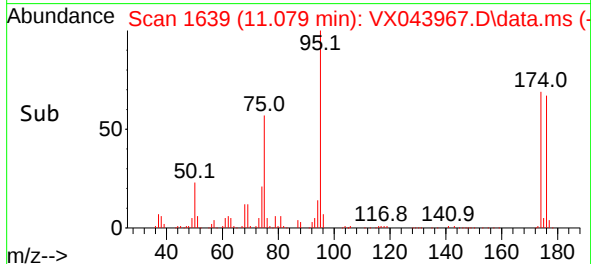
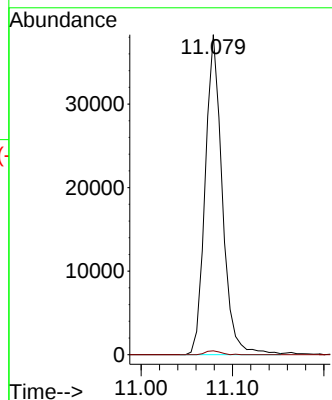
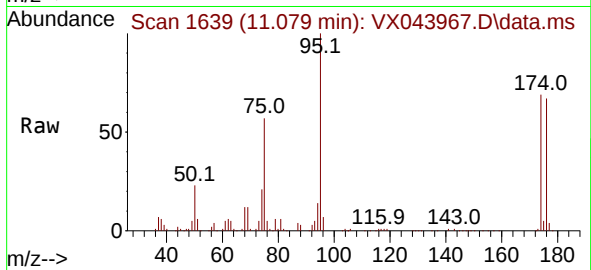
ClientSampleId :

Tgt Ion: 75 Resp: 49691

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.407 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043967.D

Acq: 22 Nov 2024 18:01

Tgt Ion: 75 Resp: 49691

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

