

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043667.D
 Acq On : 01 Nov 2024 16:46
 Operator : JC/MD
 Sample : P4613-01ME
 Misc : 5.04G/10 mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 06:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	127074	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	226977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81225	40.087	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.180%
35) Dibromofluoromethane	5.385	113	66055	42.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.840%
50) Toluene-d8	8.647	98	268974	50.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.079	95	90474	45.827	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.660%

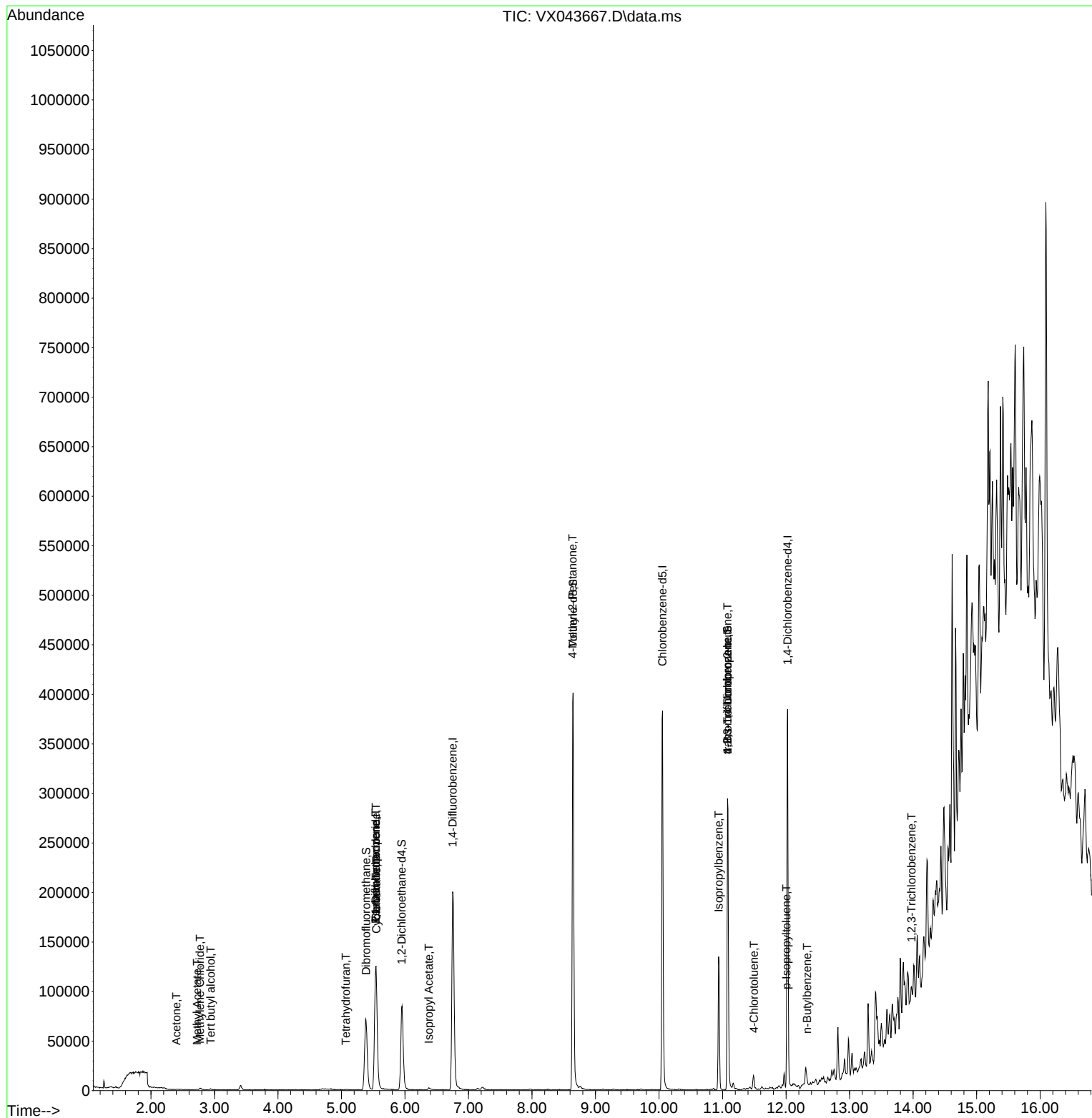
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.941	59	322	0.851	ug/l #	100
16) Acetone	2.398	43	193	0.240	ug/l #	43
18) Methyl Acetate	2.727	43	530	0.225	ug/l #	66
20) Methylene Chloride	2.770	84	1049	0.605	ug/l #	79
29) Tetrahydrofuran	5.068	42	207	0.271	ug/l #	57
31) Cyclohexane	5.550	56	2308	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	9787	5.363	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12828	6.361	ug/l #	15
43) Isopropyl Acetate	6.373	43	898	0.245	ug/l #	60
51) 4-Methyl-2-Pentanone	8.641	43	901	0.403	ug/l #	1
73) Isopropylbenzene	10.939	105	5379	0.863	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	44290	23.549	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44290	64.785	ug/l #	7
82) 4-Chlorotoluene	11.494	91	1464	0.290	ug/l #	46
86) p-Isopropyltoluene	12.006	119	1122	0.213	ug/l #	83
89) n-Butylbenzene	12.329	91	1140	0.266	ug/l #	62
96) 1,2,3-Trichlorobenzene	13.975	180	3293	1.745	ug/l #	8

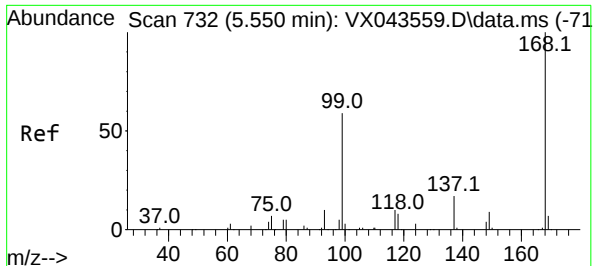
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.04G/10 mL/100uL/5.0mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :

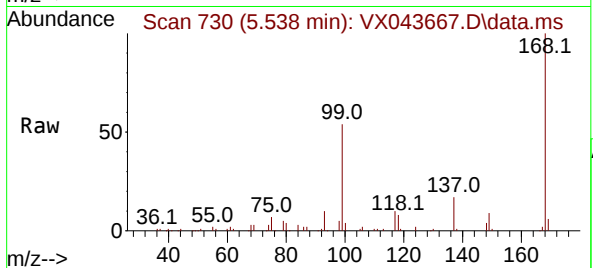
Quant Time: Nov 04 06:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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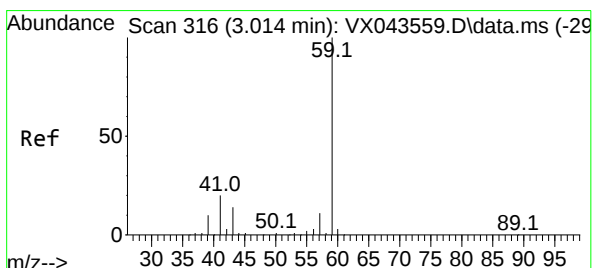
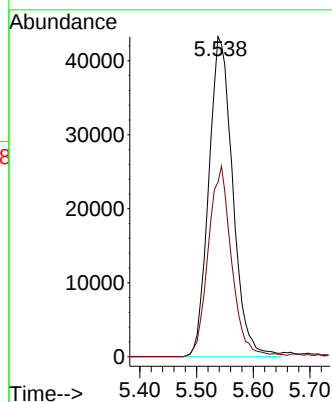
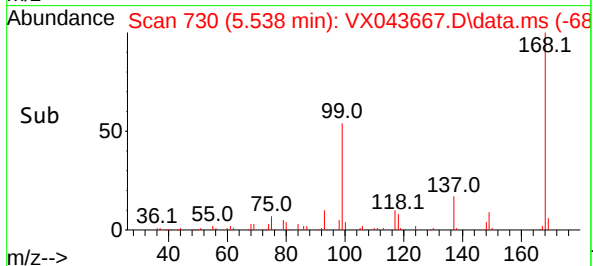


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :

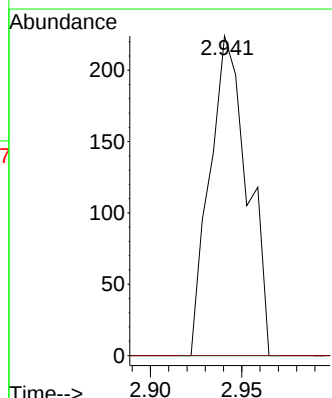
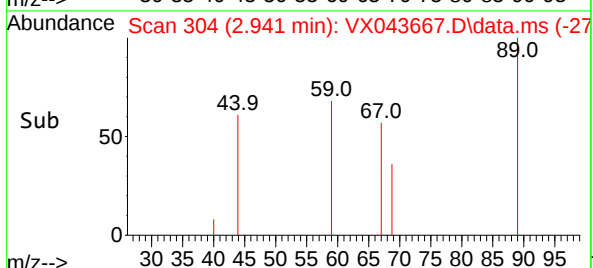
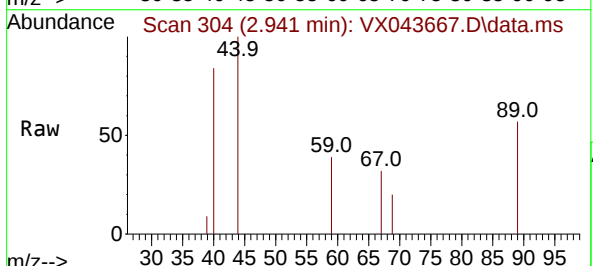


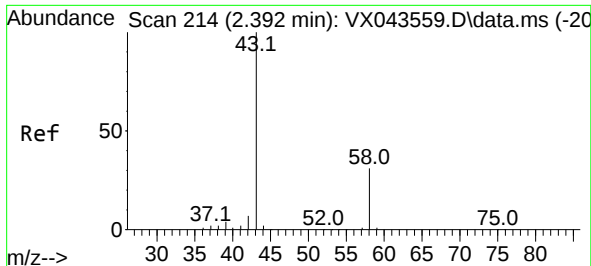
Tgt Ion:168 Resp: 127074
Ion Ratio Lower Upper
168 100
99 54.5 52.6 78.8



#11
Tert butyl alcohol
Concen: 0.851 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.109 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

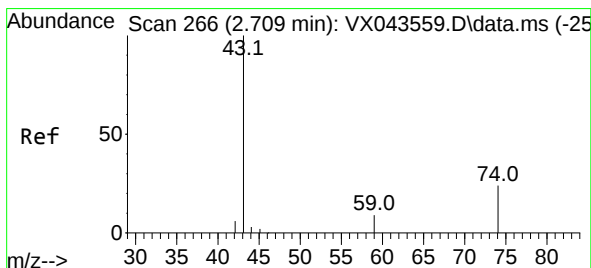
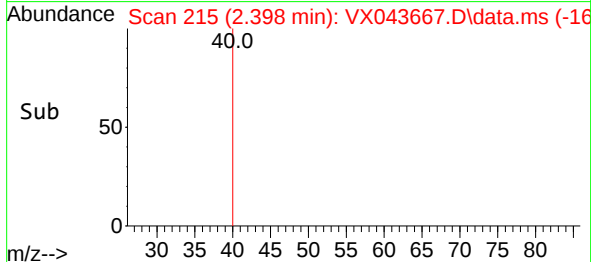
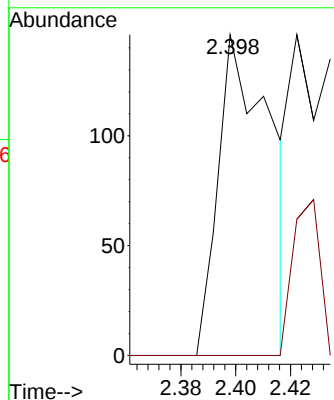
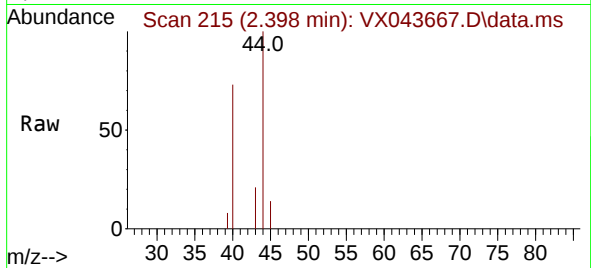




#16
Acetone
Concen: 0.240 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

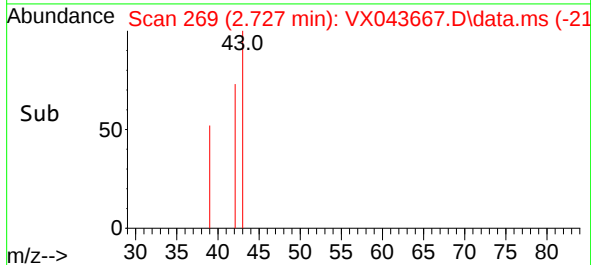
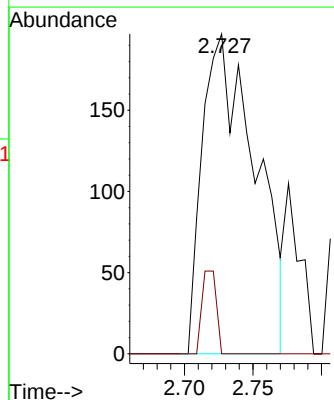
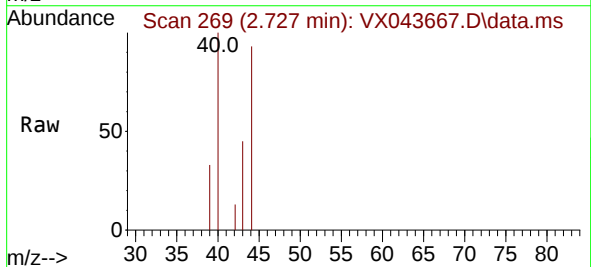
Instrument :
MSVOA_X
ClientSampleId :

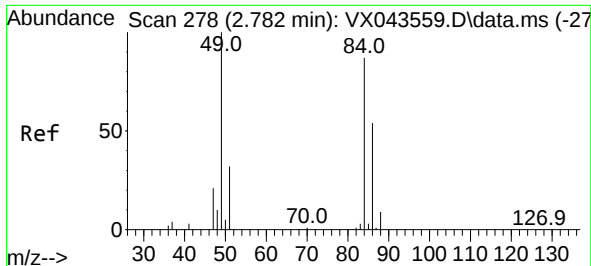
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
74 7.0 19.1 28.7#





#20

Methylene Chloride

Concen: 0.605 ug/l

RT: 2.770 min Scan# 21

Delta R.T. -0.012 min

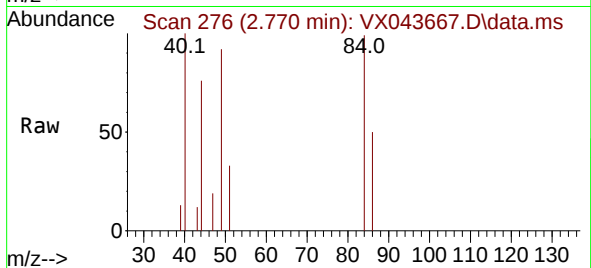
Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1049

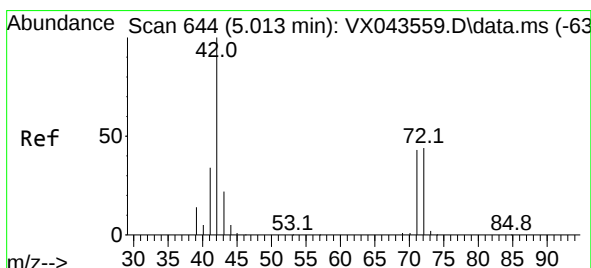
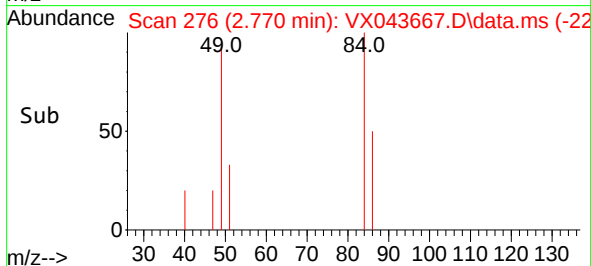
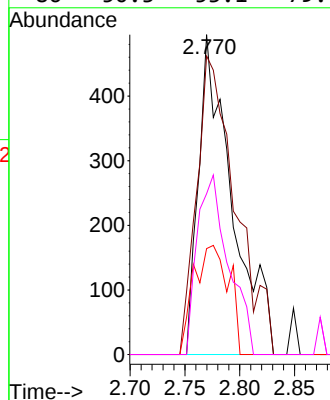
Ion Ratio Lower Upper

84 100

49 93.3 97.0 145.6#

51 33.1 29.8 44.8

86 50.3 53.1 79.7#



#29

Tetrahydrofuran

Concen: 0.271 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.055 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

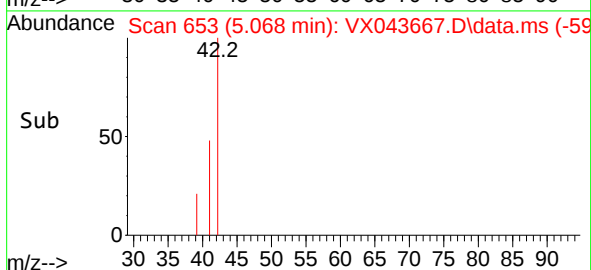
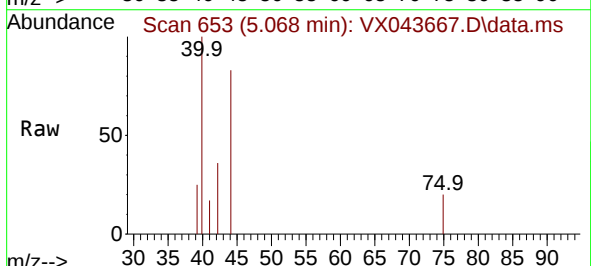
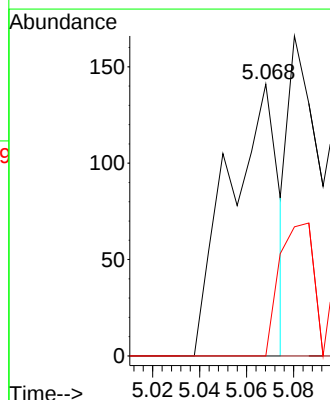
Tgt Ion: 42 Resp: 207

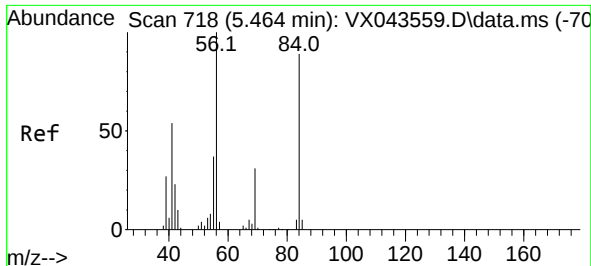
Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

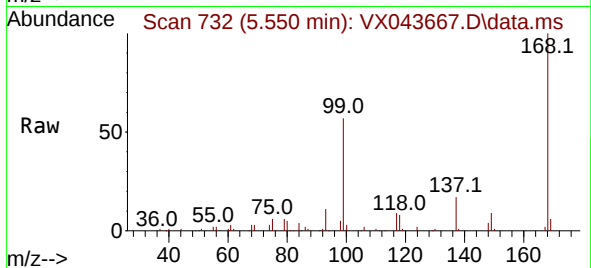
71 33.3 34.2 51.4#



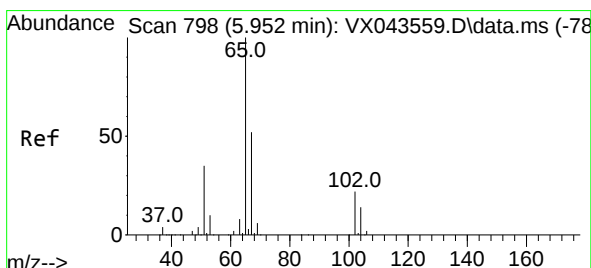
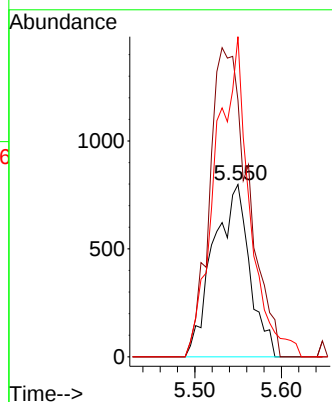
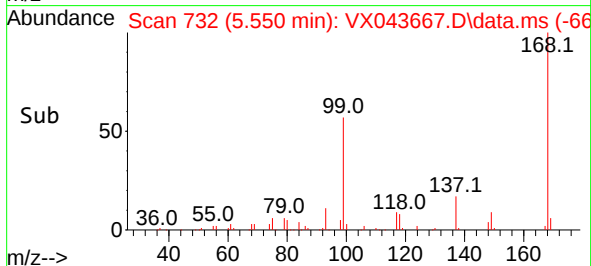


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :

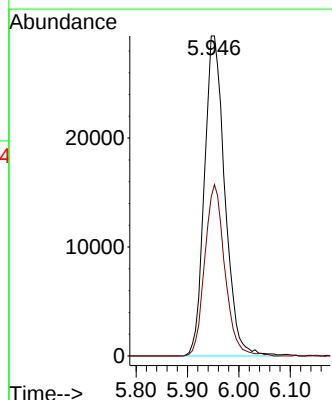
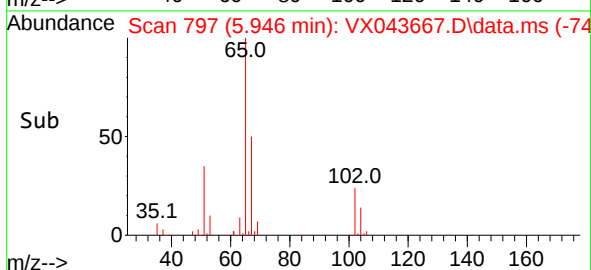
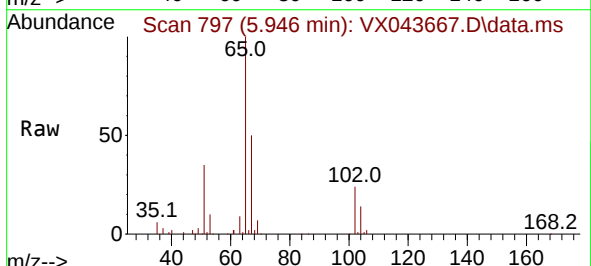


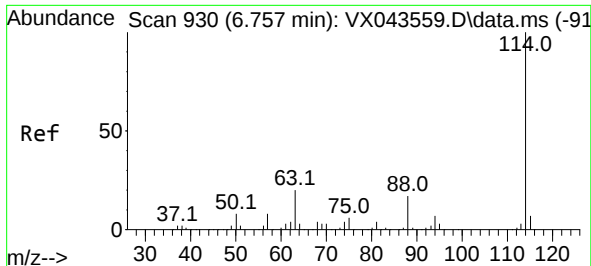
Tgt Ion: 56 Resp: 2308
Ion Ratio Lower Upper
56 100
69 149.0 24.9 37.3#
84 201.6 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 40.087 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

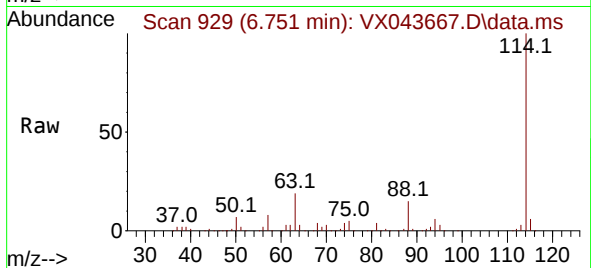
Tgt Ion: 65 Resp: 81225
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



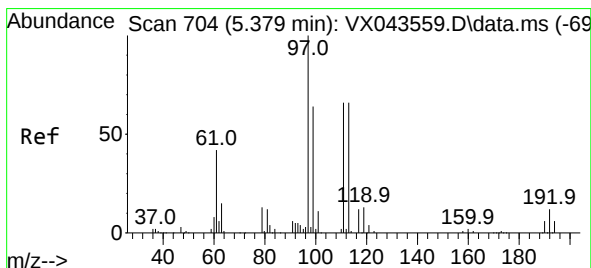
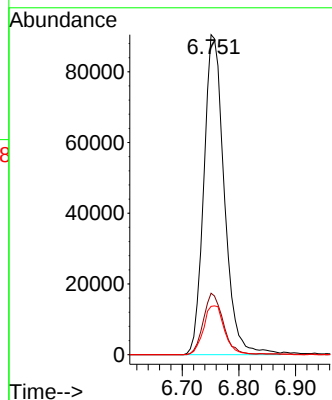
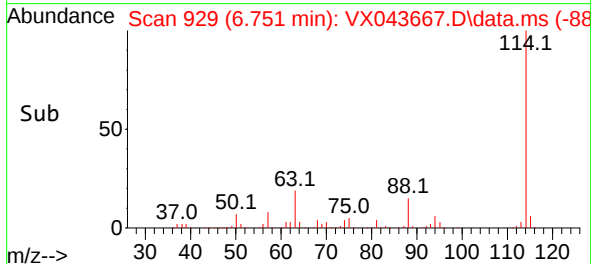


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

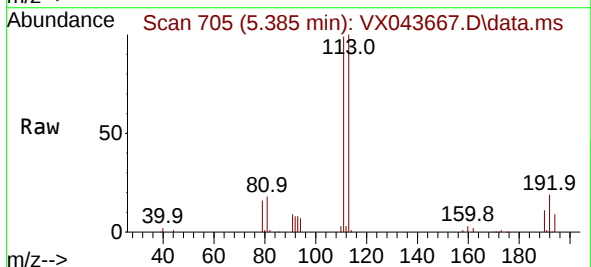
Instrument :
MSVOA_X
ClientSampleId :



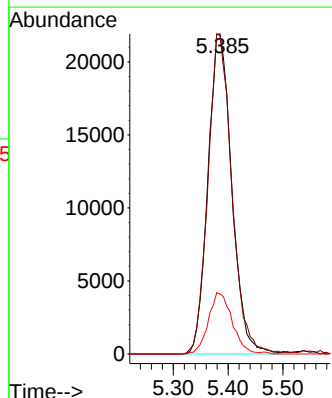
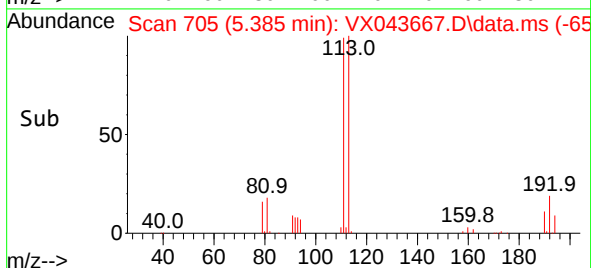
Tgt Ion:114 Resp: 226977
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.2
88 15.1 0.0 34.0

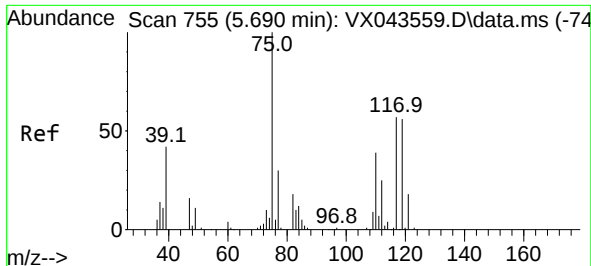


#35
Dibromofluoromethane
Concen: 42.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46



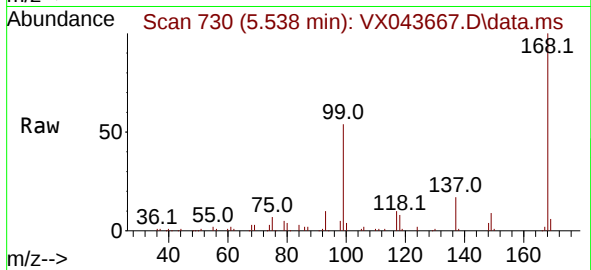
Tgt Ion:113 Resp: 66055
Ion Ratio Lower Upper
113 100
111 99.9 81.4 122.0
192 19.0 14.1 21.1



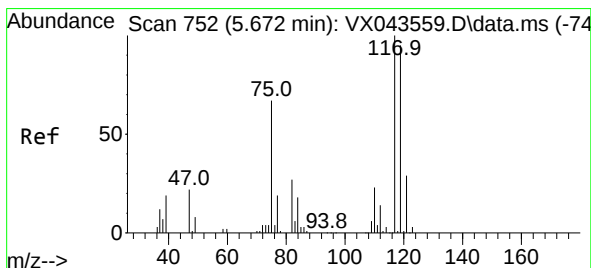
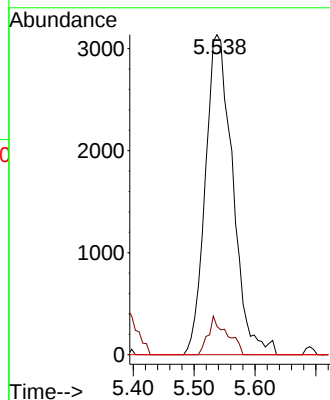
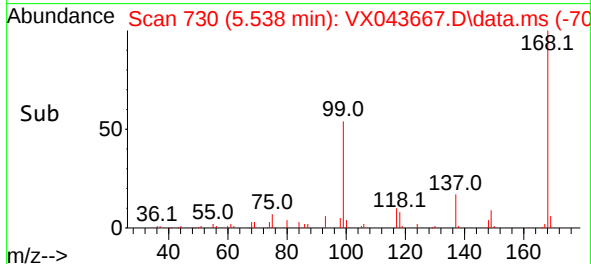


#36
1,1-Dichloropropene
Concen: 5.363 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

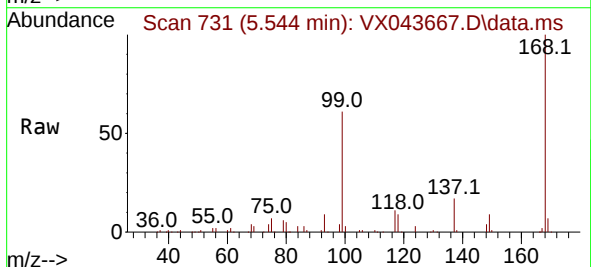
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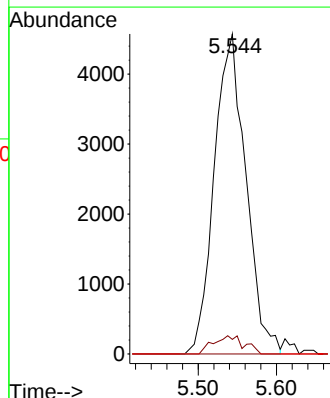
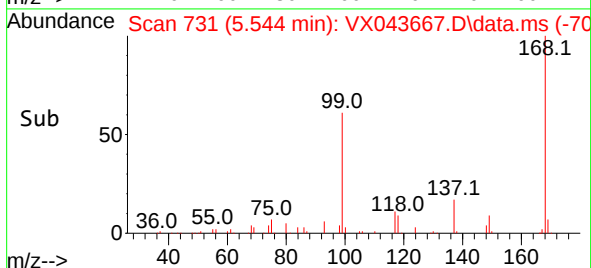
Tgt Ion: 75 Resp: 9787
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.7#
77 0.0 25.0 37.4#

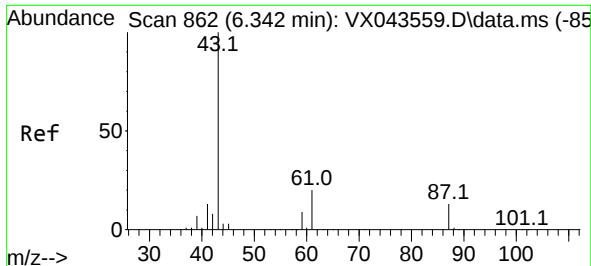


#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46



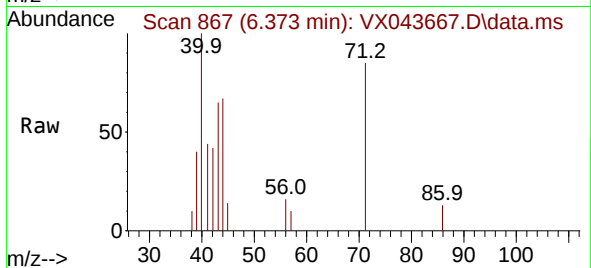
Tgt Ion: 117 Resp: 12828
Ion Ratio Lower Upper
117 100
119 4.5 77.0 115.6#
121 0.0 24.7 37.1#



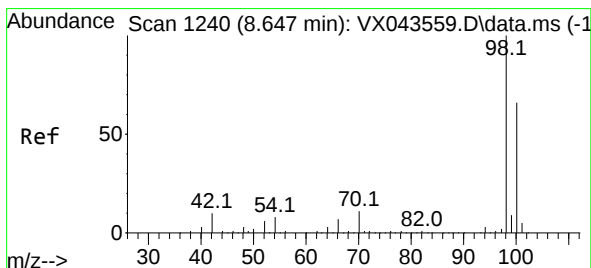
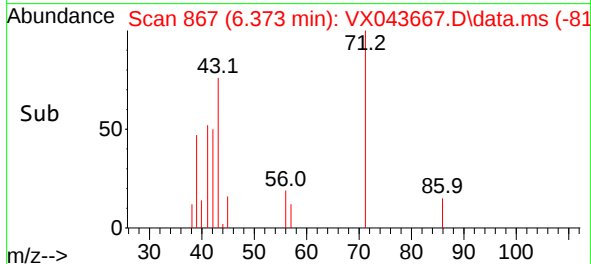
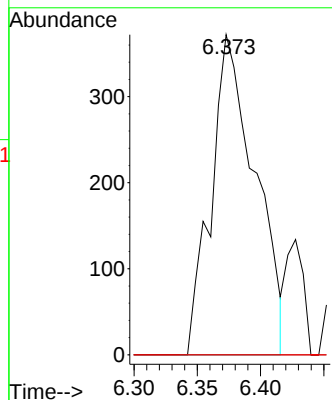


#43
Isopropyl Acetate
Concen: 0.245 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.031 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :

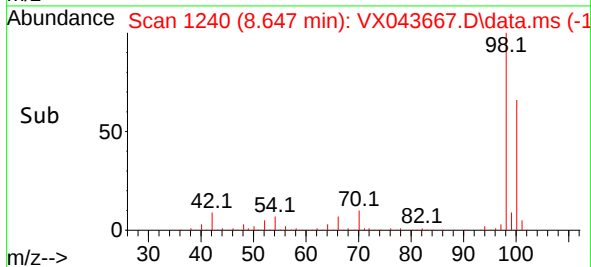
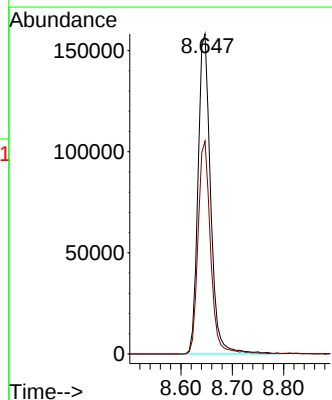
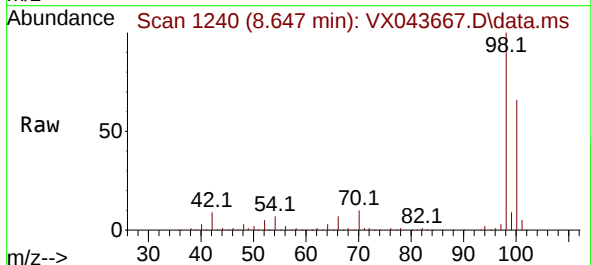


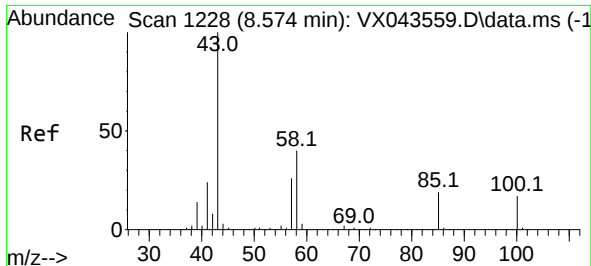
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
61 0.0 16.2 24.4#
87 0.0 11.0 16.6#



#50
Toluene-d8
Concen: 50.484 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Tgt Ion: 98 Resp: 268974
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.403 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

Instrument :

MSVOA_X

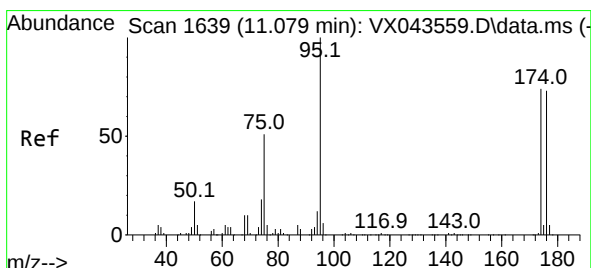
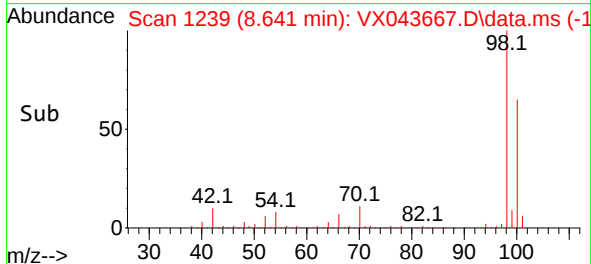
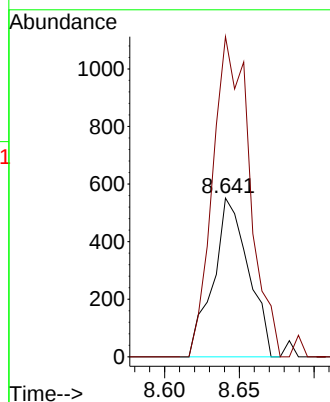
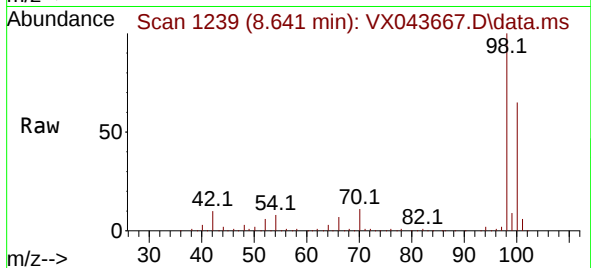
ClientSampleId :

Tgt Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

58 212.2 31.7 47.5#



#62

4-Bromofluorobenzene

Concen: 45.827 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

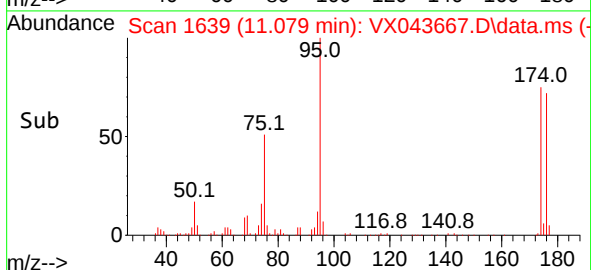
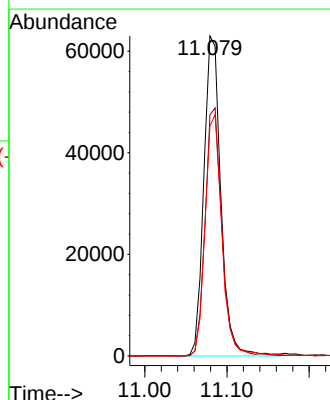
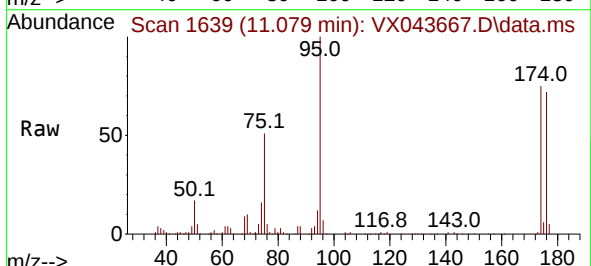
Tgt Ion: 95 Resp: 90474

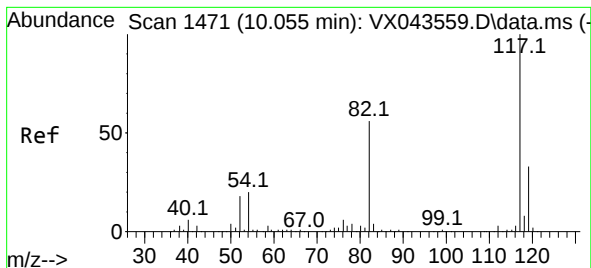
Ion Ratio Lower Upper

95 100

174 76.8 0.0 146.6

176 74.9 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

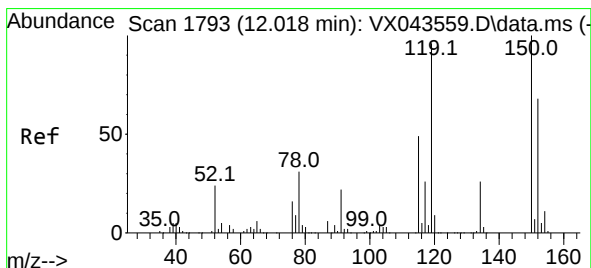
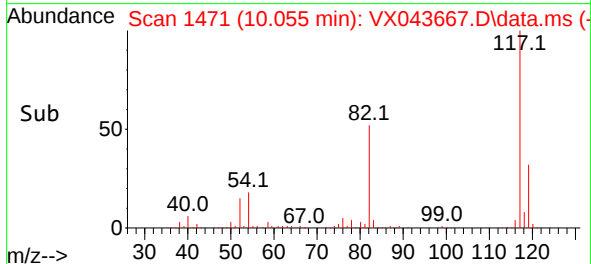
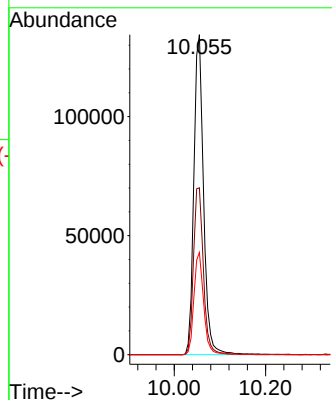
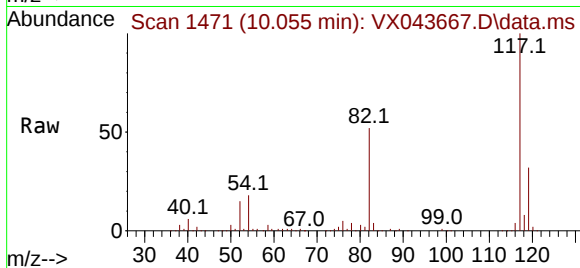
Tgt Ion:117 Resp: 199210

Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

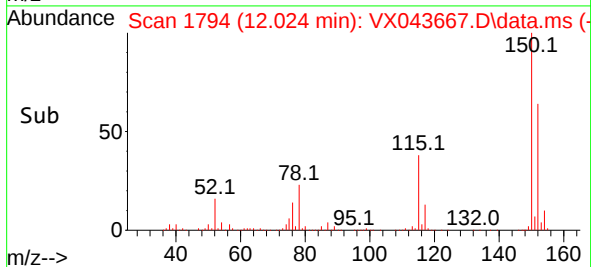
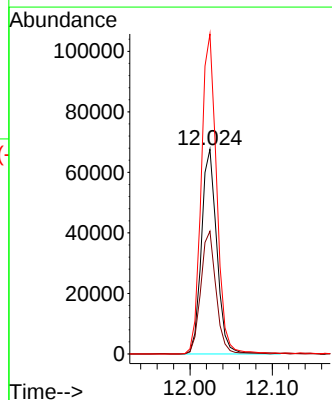
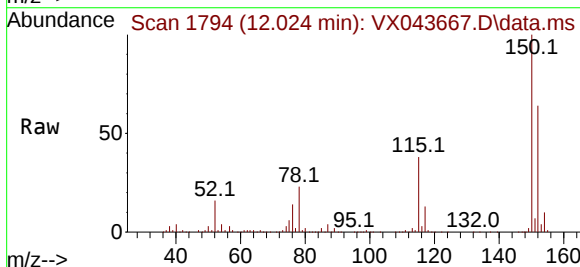
Tgt Ion:152 Resp: 87962

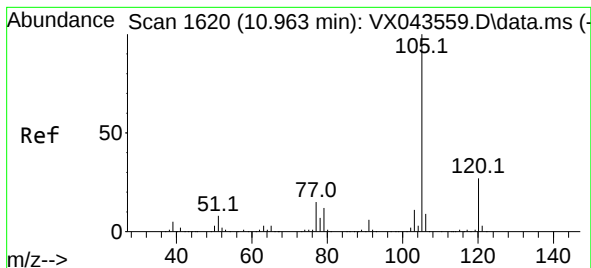
Ion Ratio Lower Upper

152 100

115 59.7 42.9 128.7

150 157.0 0.0 343.6





#73

Isopropylbenzene

Concen: 0.863 ug/l

RT: 10.939 min Scan# 1616

Delta R.T. -0.024 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

Instrument :

MSVOA_X

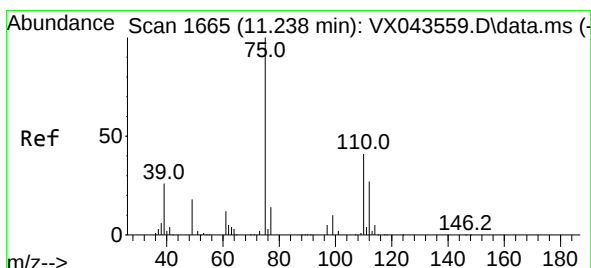
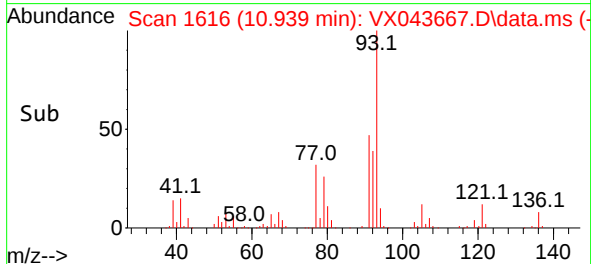
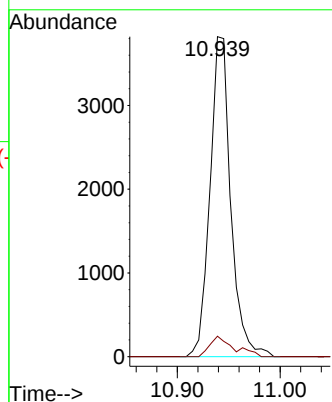
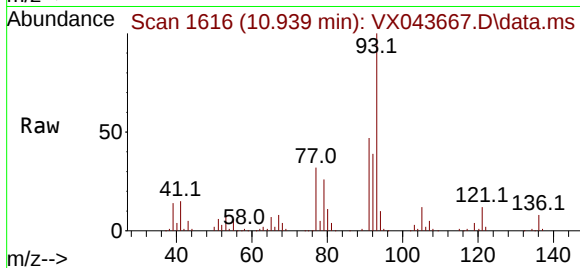
ClientSampleId :

Tgt Ion:105 Resp: 5379

Ion Ratio Lower Upper

105 100

120 7.4 13.2 39.6#



#76

1,2,3-Trichloropropane

Concen: 23.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043667.D

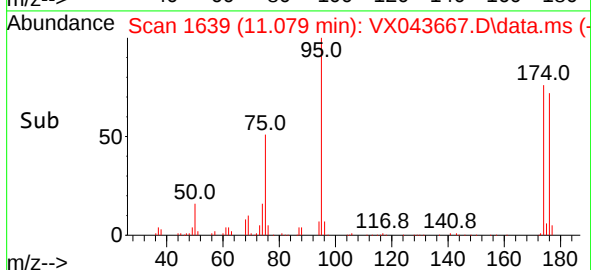
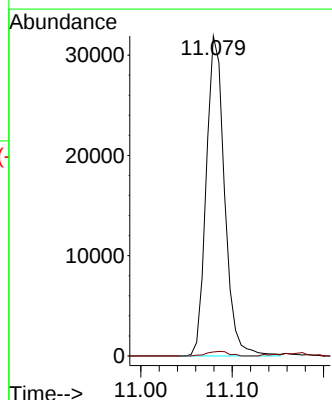
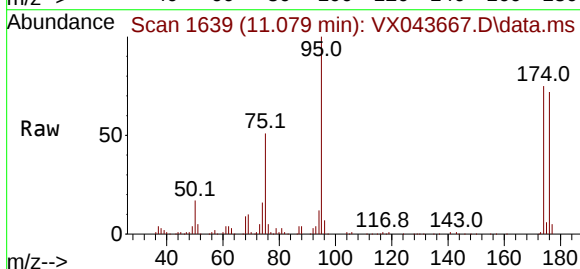
Acq: 01 Nov 2024 16:46

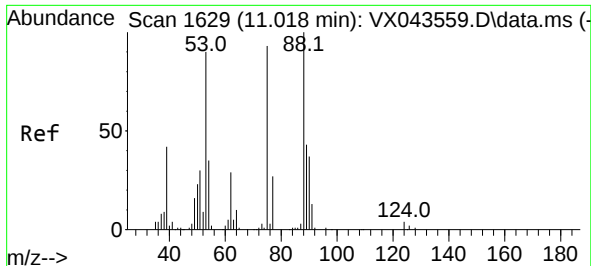
Tgt Ion: 75 Resp: 44290

Ion Ratio Lower Upper

75 100

77 1.7 22.4 67.2#

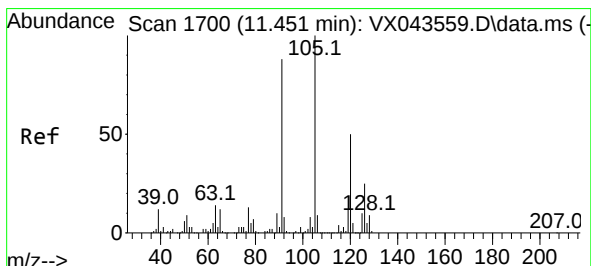
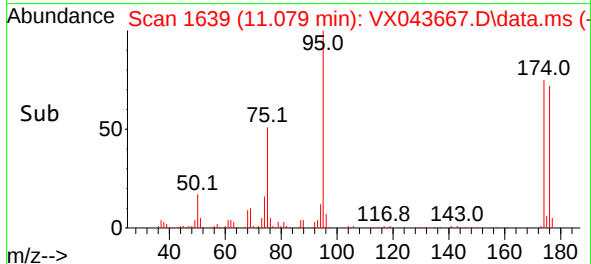
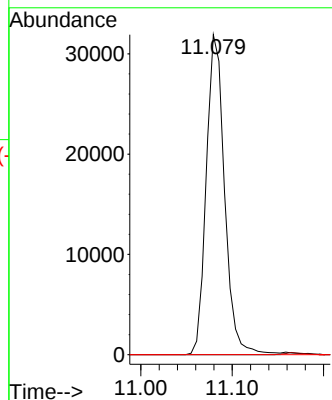
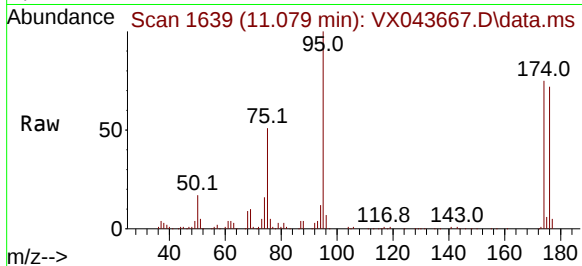




#81
trans-1,4-Dichloro-2-butene
Concen: 64.785 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

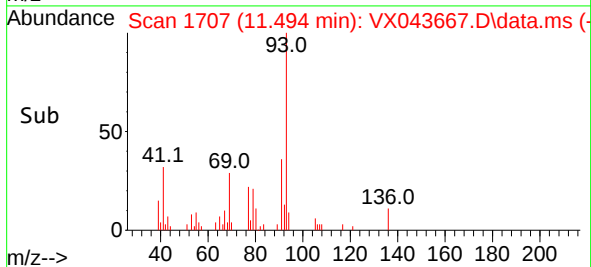
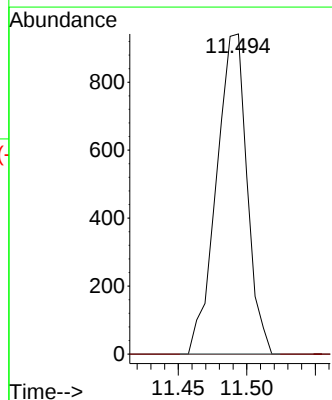
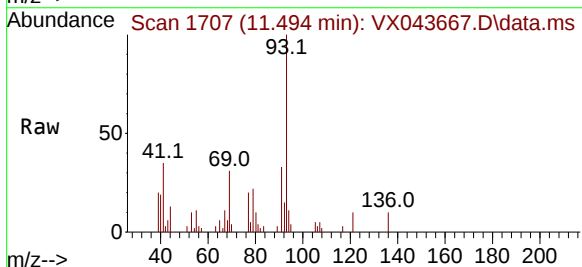
Instrument :
MSVOA_X
ClientSampleId :

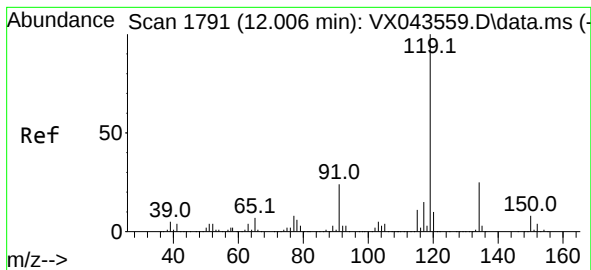
Tgt Ion: 75 Resp: 44290
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#



#82
4-Chlorotoluene
Concen: 0.290 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.043 min
Lab File: VX043667.D
Acq: 01 Nov 2024 16:46

Tgt Ion: 91 Resp: 1464
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.8#





#86

p-Isopropyltoluene

Concen: 0.213 ug/l

RT: 12.006 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

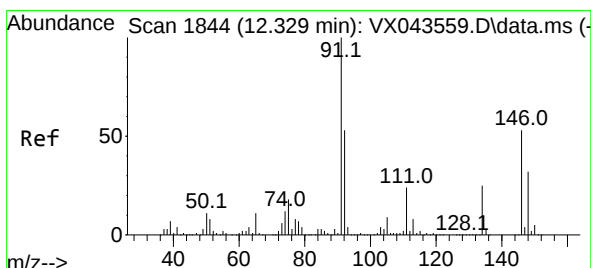
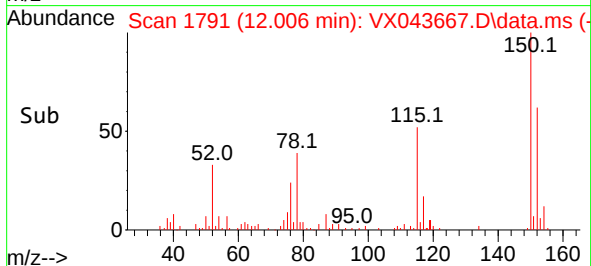
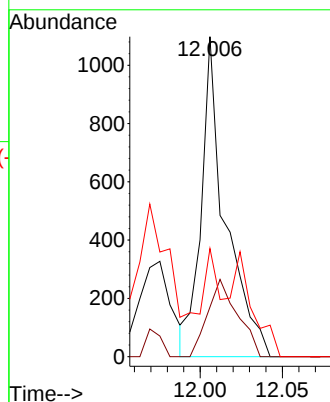
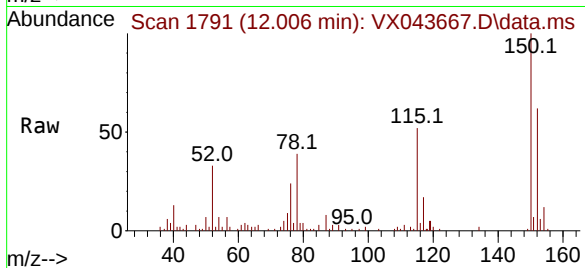
Tgt Ion:119 Resp: 1122

Ion Ratio Lower Upper

119 100

134 29.9 13.1 39.1

91 10.8 12.4 37.0#



#89

n-Butylbenzene

Concen: 0.266 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043667.D

Acq: 01 Nov 2024 16:46

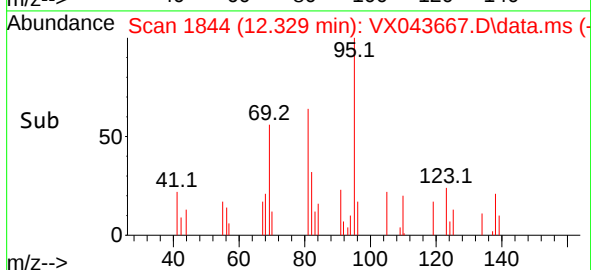
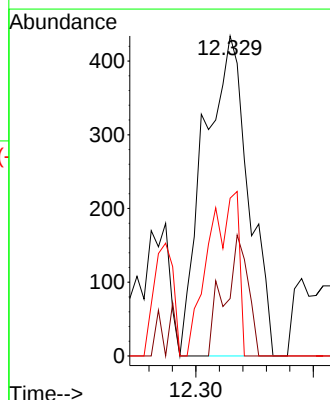
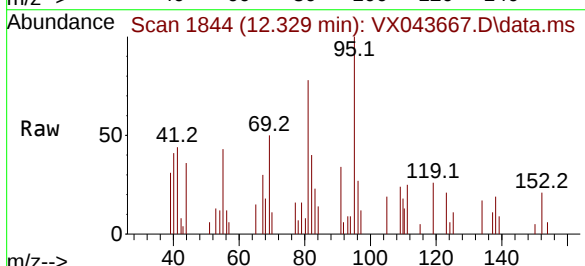
Tgt Ion: 91 Resp: 1140

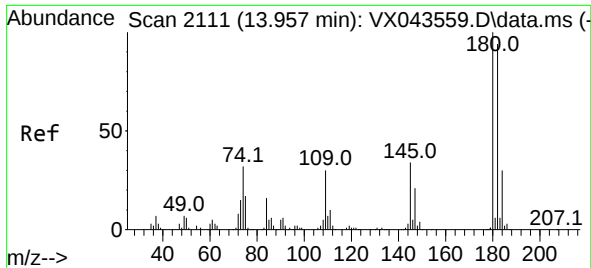
Ion Ratio Lower Upper

91 100

92 19.7 27.1 81.2#

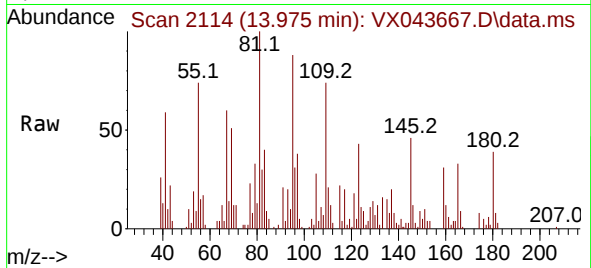
134 34.8 12.9 38.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.745 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: VX043667.D
 Acq: 01 Nov 2024 16:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 3293
 Ion Ratio Lower Upper
 180 100
 182 9.7 47.1 141.3#
 145 96.0 17.4 52.3#

