

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025287.D
 Acq On : 23 Nov 2021 20:08
 Operator : JC/MD
 Sample : M4803-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 261-262

Quant Time: Nov 24 03:15:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

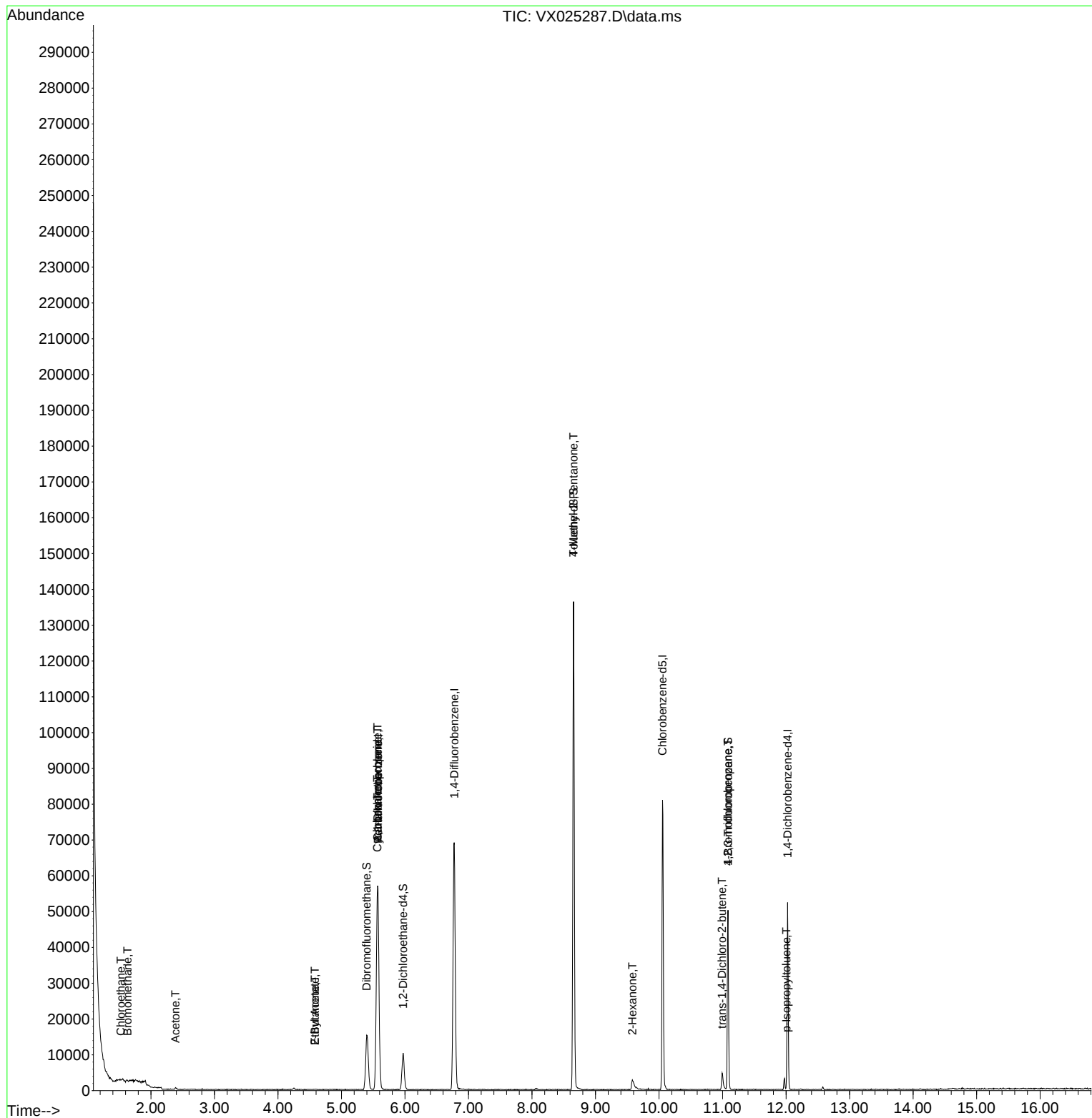
Internal Standards						
1) Pentafluorobenzene	5.574	168	60401	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.775	114	76548	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.055	117	40277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	11213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	9476	14.884	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	29.760%#
35) Dibromofluoromethane	5.397	113	13737	29.248	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	58.500%#
50) Toluene-d8	8.653	98	80811	45.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.085	95	13388	20.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	40.080%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	67	0.219	ug/l #	3
6) Chloroethane	1.526	64	443	0.902	ug/l #	43
16) Acetone	2.386	43	591	1.671	ug/l	94
25) 2-Butanone	4.580	43	169	0.330	ug/l #	48
31) Cyclohexane	5.562	56	1090	1.108	ug/l #	29
36) 1,1-Dichloropropene	5.568	75	4093	6.129	ug/l #	50
37) Ethyl Acetate	4.580	43	169	0.222	ug/l #	68
38) Carbon Tetrachloride	5.568	117	5430	7.382	ug/l #	19
51) 4-Methyl-2-Pentanone	8.653	43	355	0.448	ug/l #	1
59) 2-Hexanone	9.579	43	1192	1.907	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	6519	28.391	ug/l #	35
81) trans-1,4-Dichloro-2-b...	10.994	75	229	2.512	ug/l #	9
86) p-Isopropyltoluene	12.006	119	335	0.470	ug/l #	72
95) Naphthalene	13.780	128	111	Below Cal	#	69

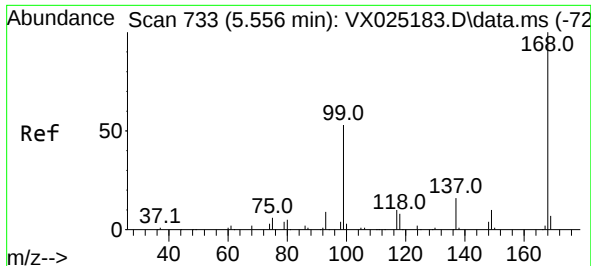
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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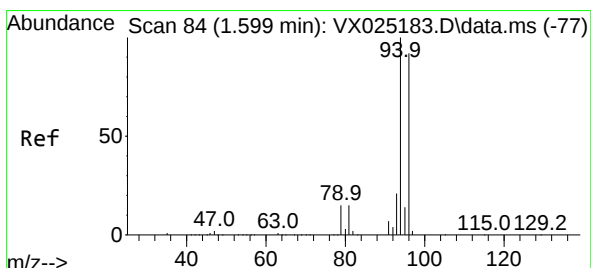
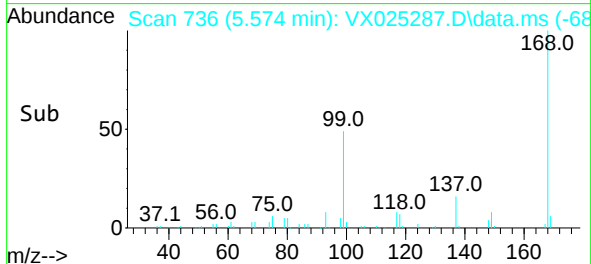
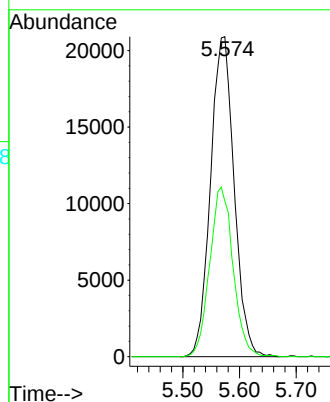
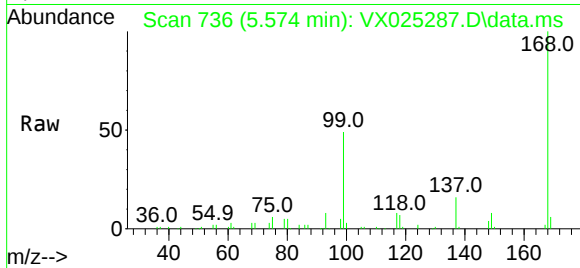




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

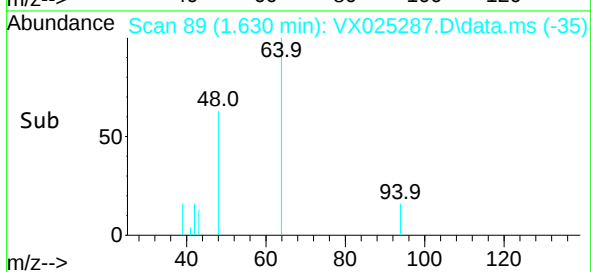
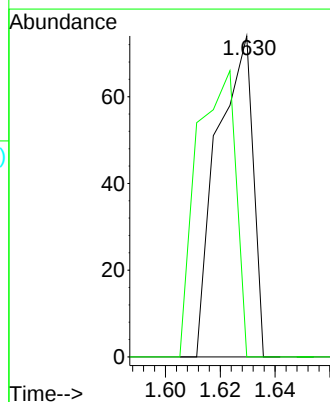
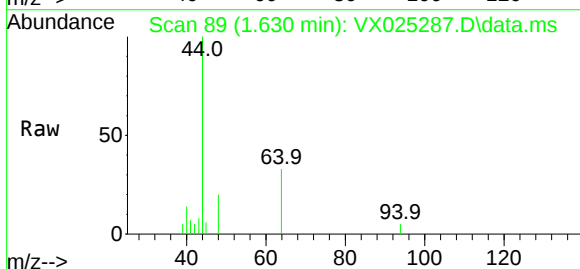
Instrument :
MSVOA_X
ClientSampleId :
261-262

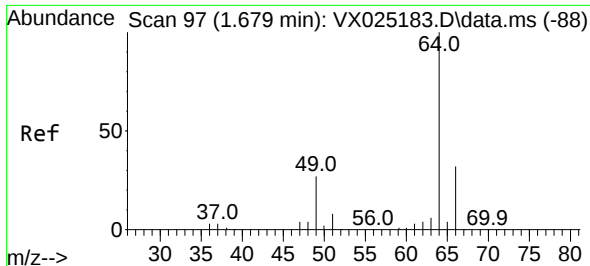
Tgt Ion:168 Resp: 60401
Ion Ratio Lower Upper
168 100
99 48.6 46.4 69.6



#5
Bromomethane
Concen: 0.219 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

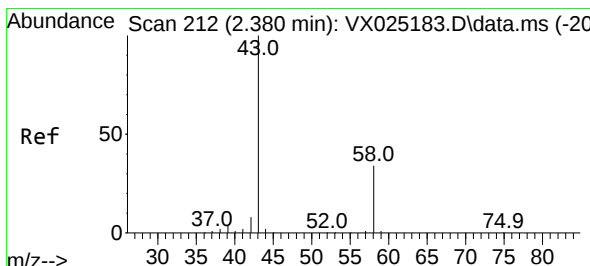
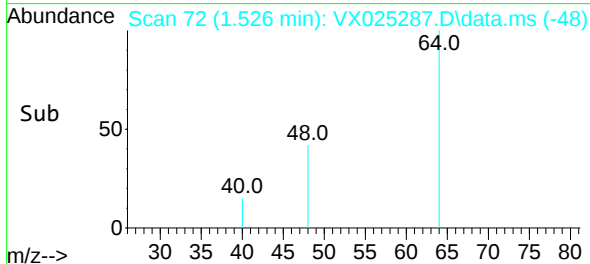
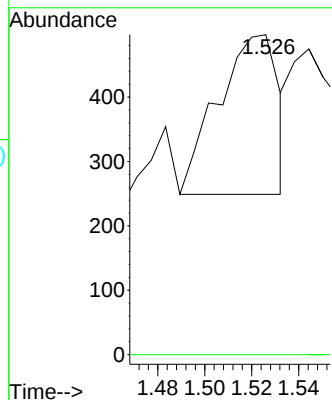
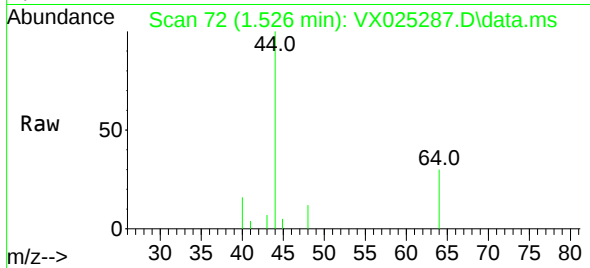




#6
Chloroethane
Concen: 0.902 ug/l
RT: 1.526 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

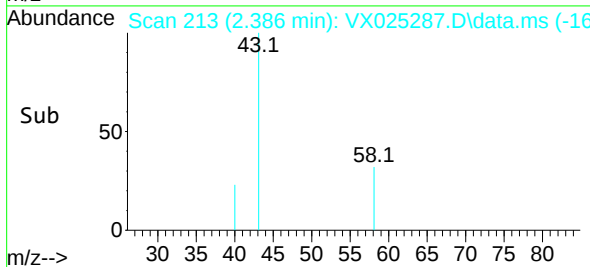
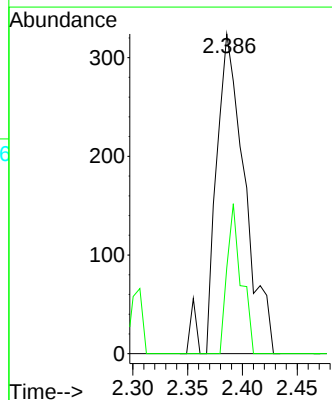
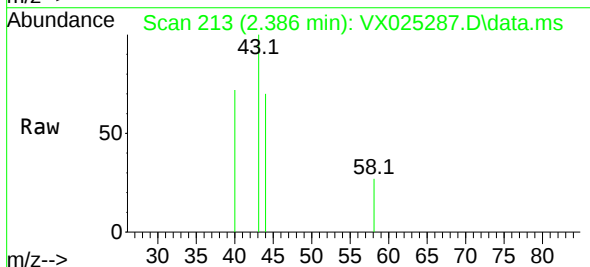
Instrument :
MSVOA_X
ClientSampleId :
261-262

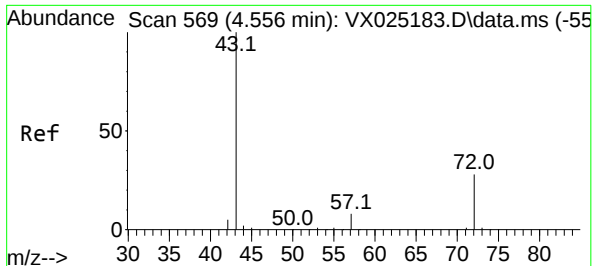
Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#16
Acetone
Concen: 1.671 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 26.9 24.0 36.0





#25

2-Butanone

Concen: 0.330 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

Instrument :

MSVOA_X

ClientSampleId :

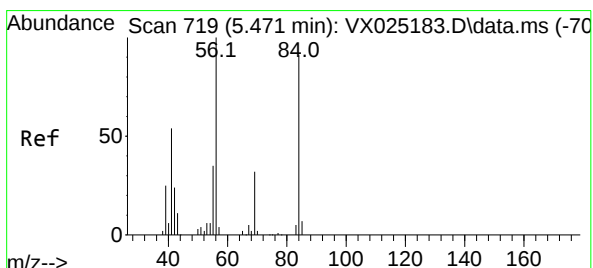
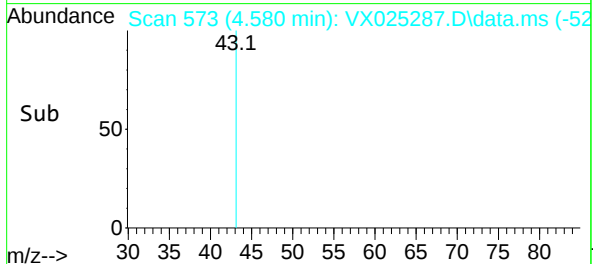
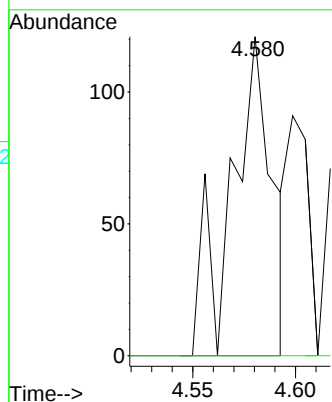
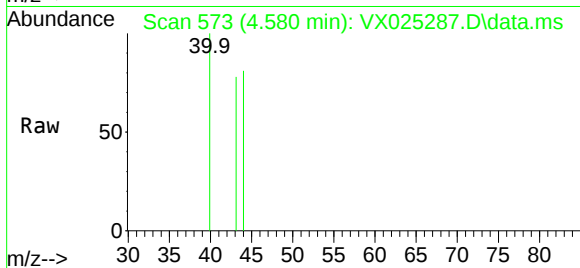
261-262

Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

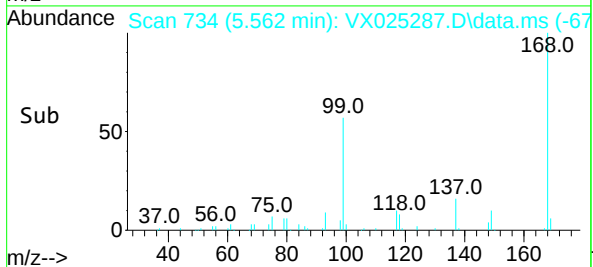
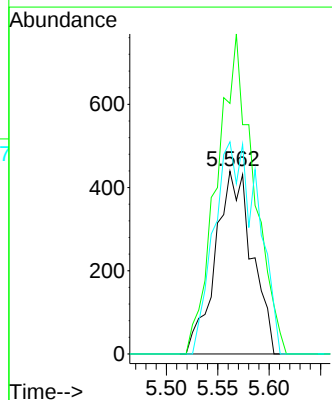
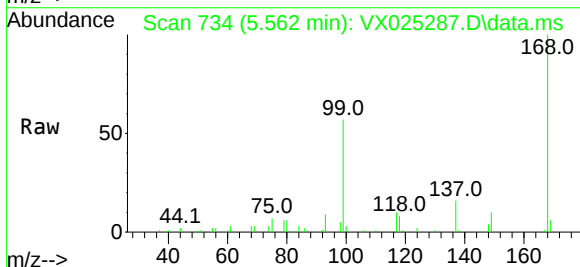
Tgt Ion: 56 Resp: 1090

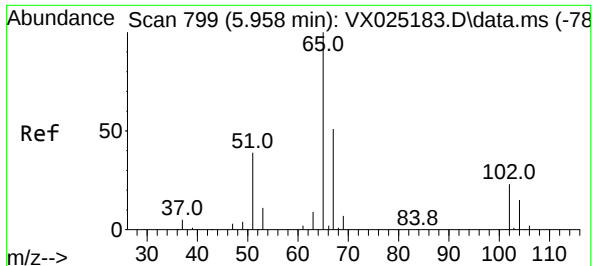
Ion Ratio Lower Upper

56 100

69 137.1 24.2 36.2#

84 116.2 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 14.884 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.012 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

Instrument :

MSVOA_X

ClientSampleId :

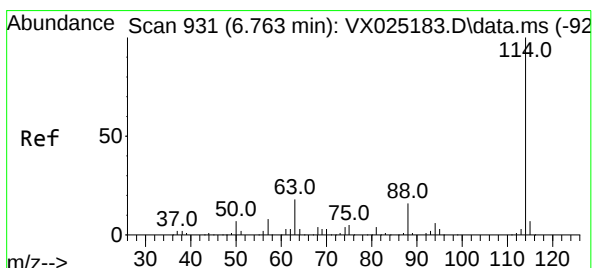
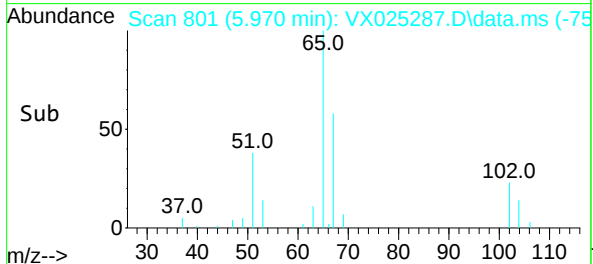
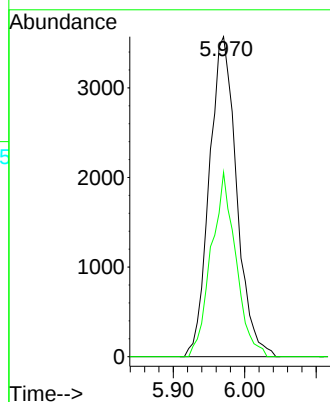
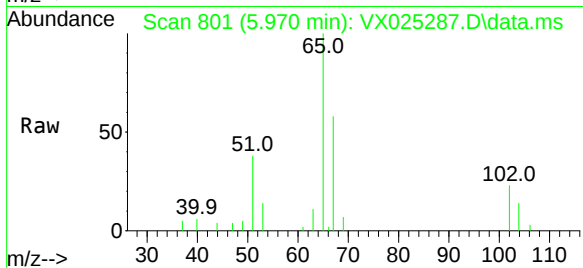
261-262

Tgt Ion: 65 Resp: 9476

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.012 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

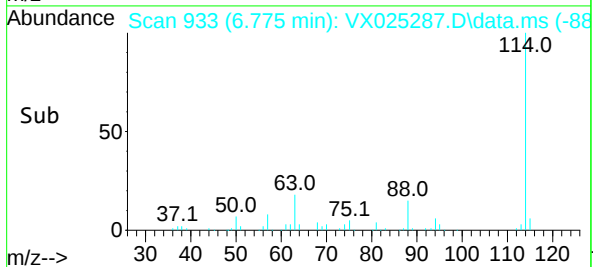
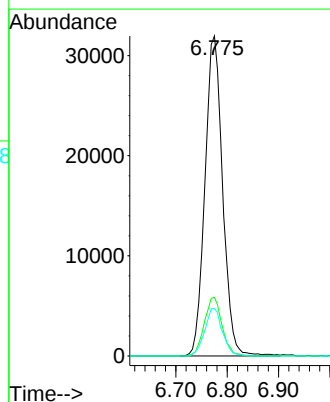
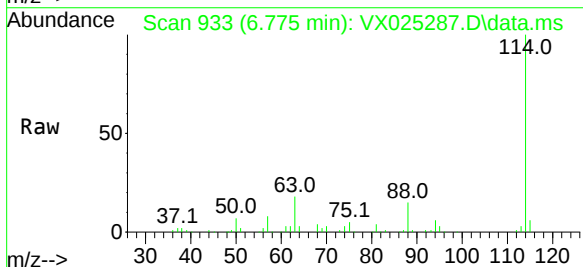
Tgt Ion: 114 Resp: 76548

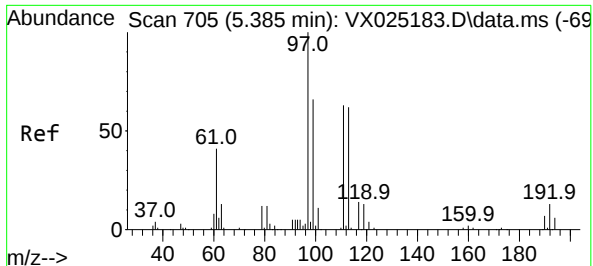
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 29.248 ug/l

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

Instrument :

MSVOA_X

ClientSampleId :

261-262

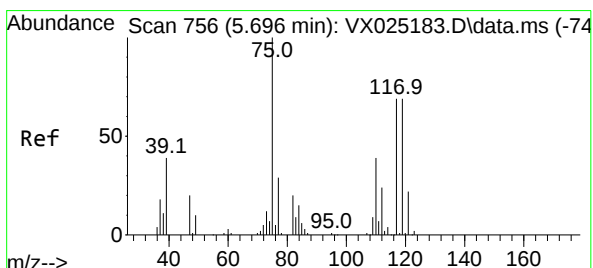
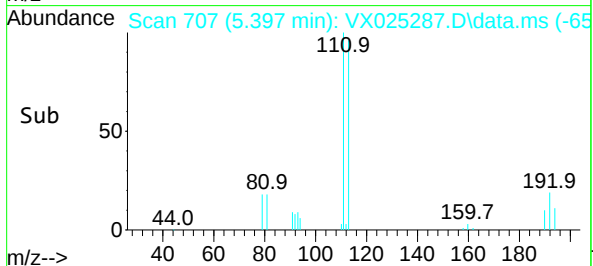
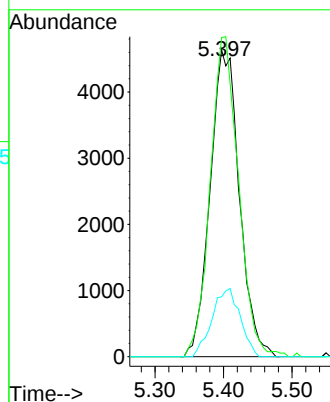
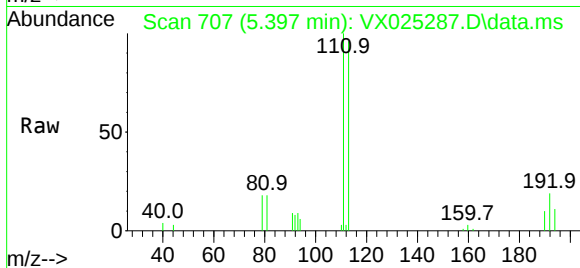
Tgt Ion:113 Resp: 13737

Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

192 21.3 15.6 23.4



#36

1,1-Dichloropropene

Concen: 6.129 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.128 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

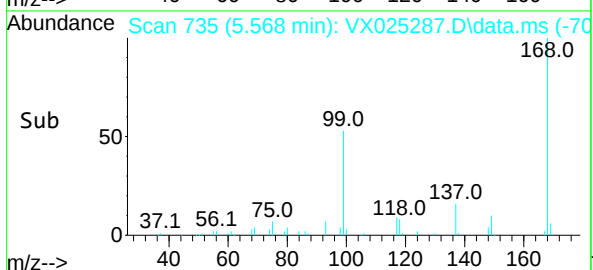
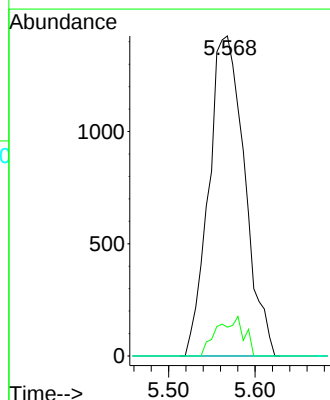
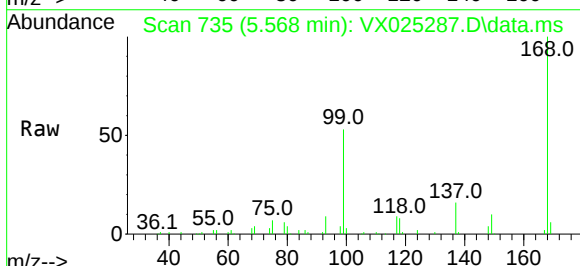
Tgt Ion: 75 Resp: 4093

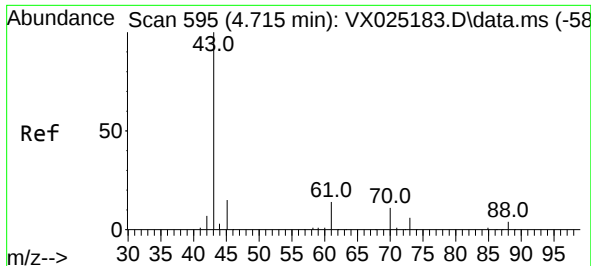
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.222 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

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ClientSampleId :

261-262

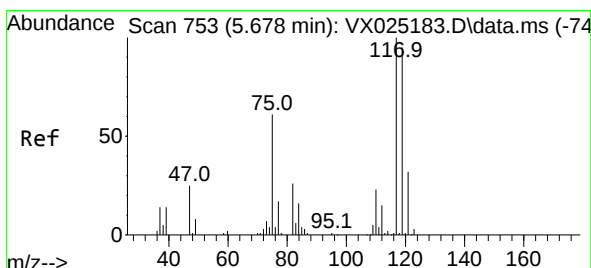
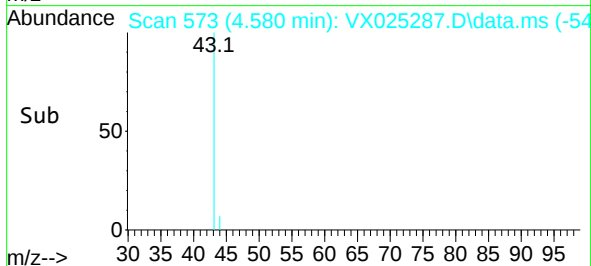
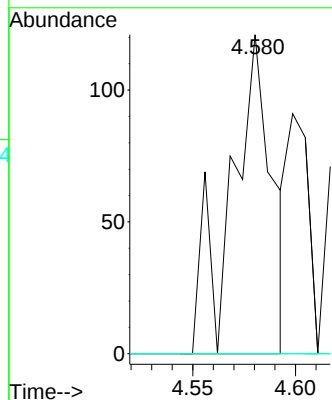
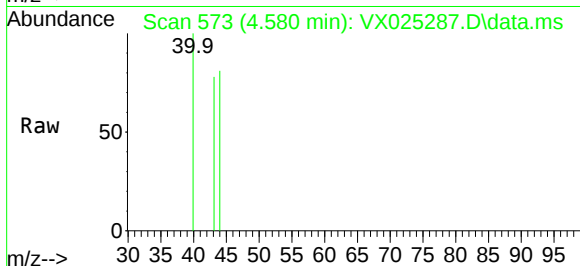
Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.6 12.8#



#38

Carbon Tetrachloride

Concen: 7.382 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.110 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

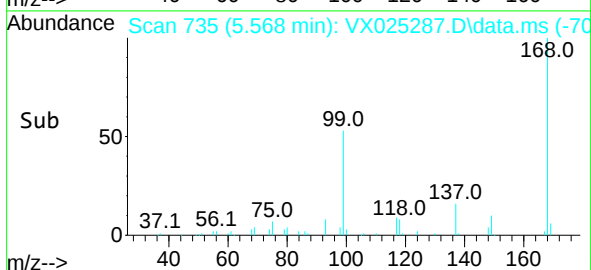
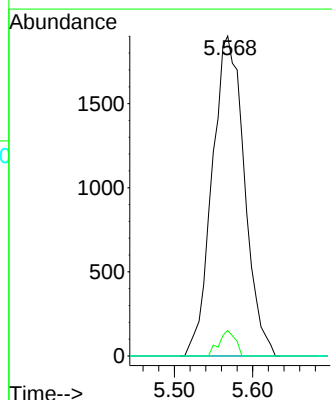
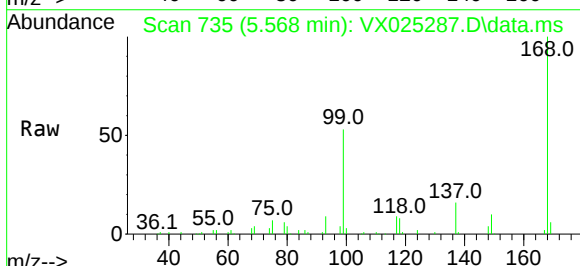
Tgt Ion: 117 Resp: 5430

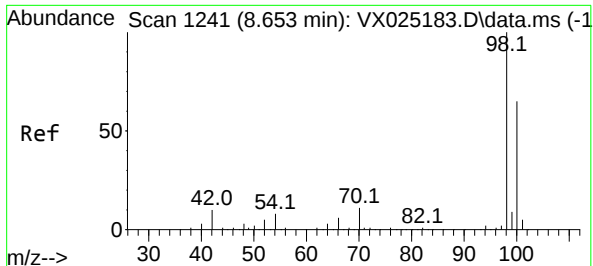
Ion Ratio Lower Upper

117 100

119 7.9 75.6 113.4#

121 0.0 23.7 35.5#

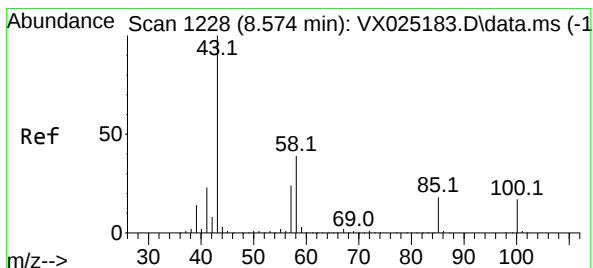
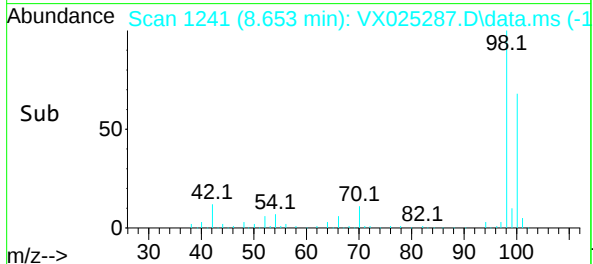
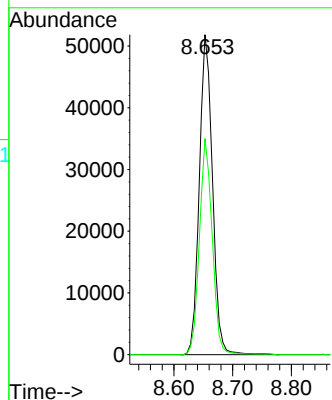
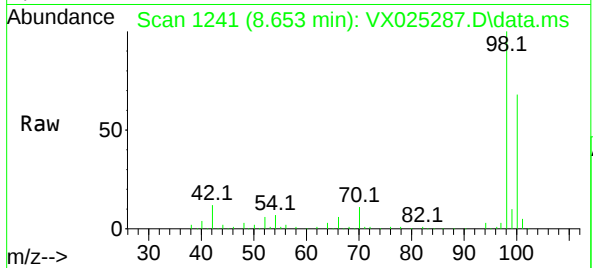




#50
Toluene-d8
Concen: 45.762 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

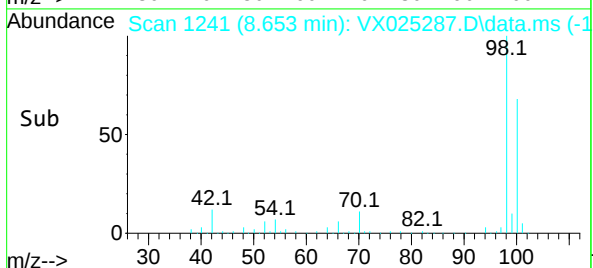
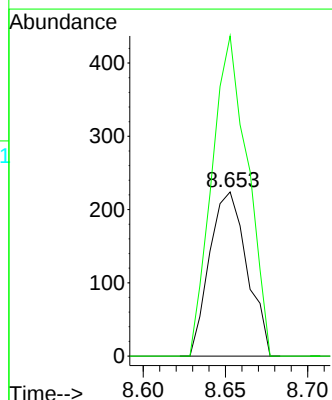
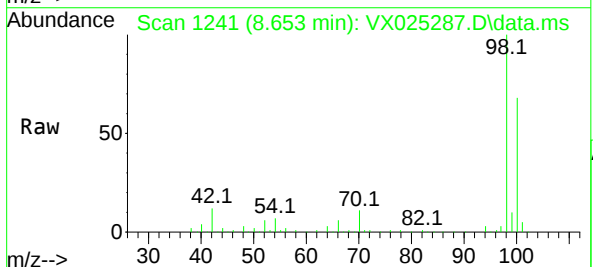
Instrument :
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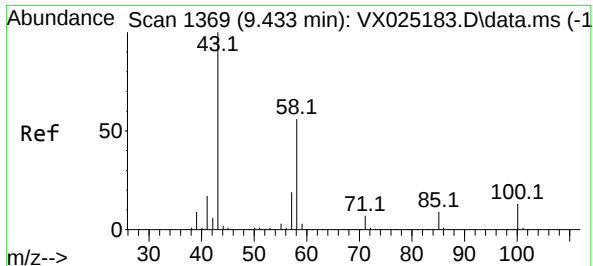
Tgt Ion: 98 Resp: 80811
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 186.2 30.9 46.3#





#59

2-Hexanone

Concen: 1.907 ug/l

RT: 9.579 min Scan# 11

Delta R.T. 0.146 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

Instrument :

MSVOA_X

ClientSampleId :

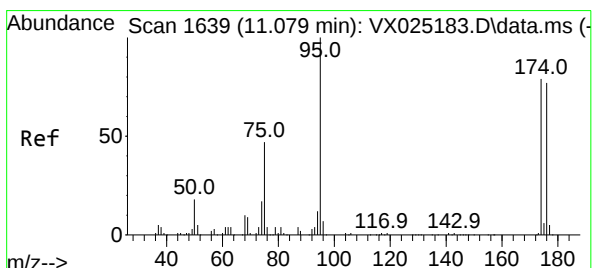
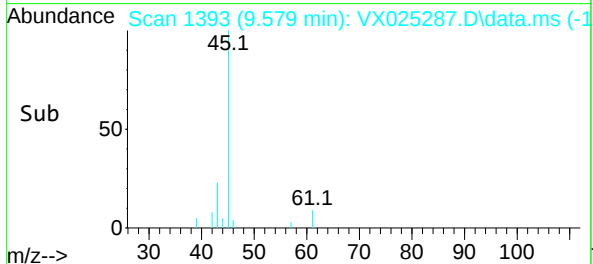
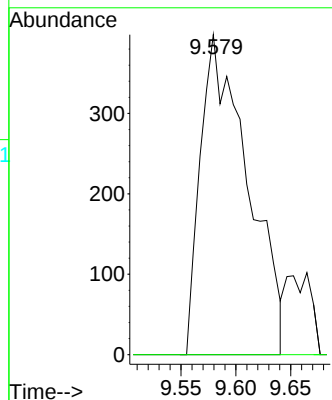
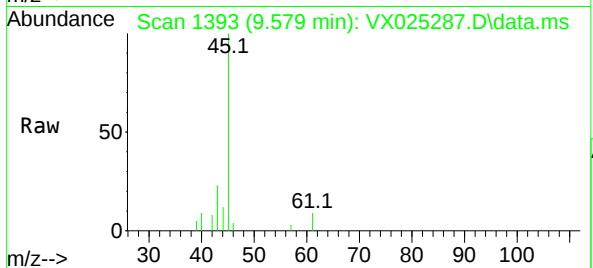
261-262

Tgt Ion: 43 Resp: 1192

Ion Ratio Lower Upper

43 100

58 0.0 26.6 79.7#



#62

4-Bromofluorobenzene

Concen: 20.040 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025287.D

Acq: 23 Nov 2021 20:08

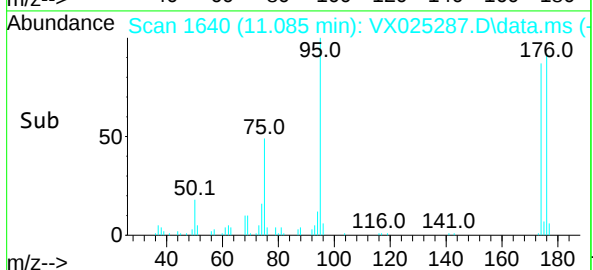
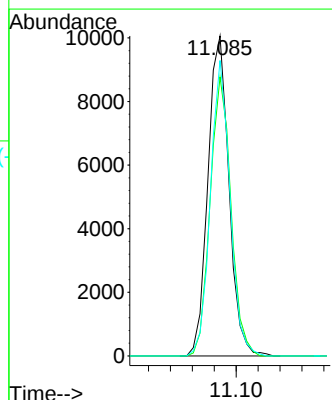
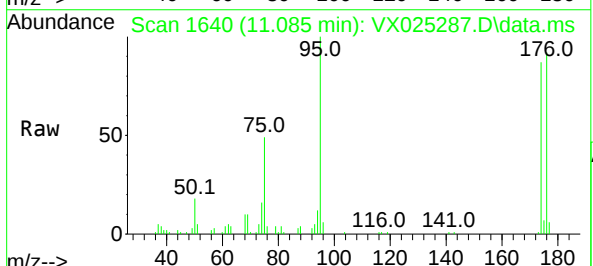
Tgt Ion: 95 Resp: 13388

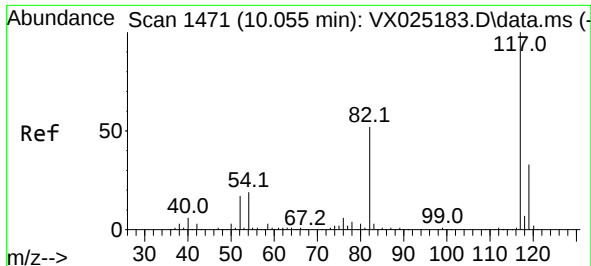
Ion Ratio Lower Upper

95 100

174 86.3 0.0 158.0

176 86.5 0.0 153.6

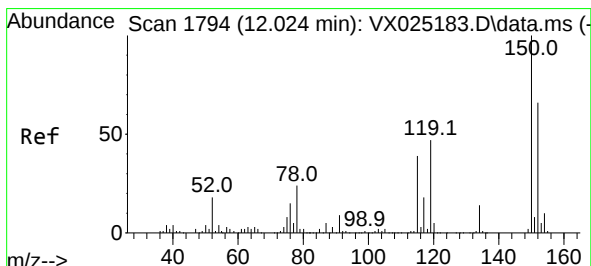
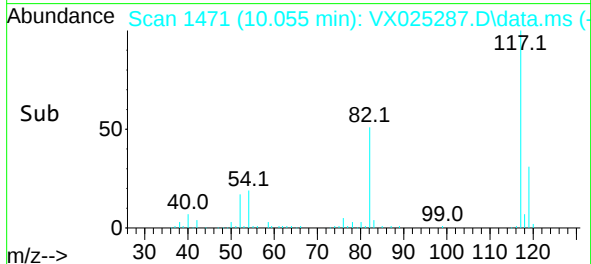
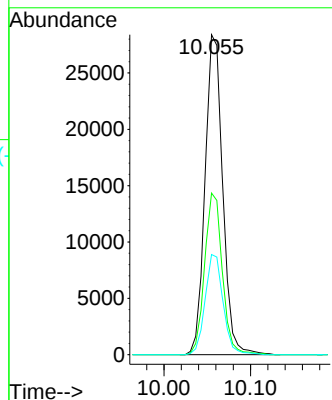
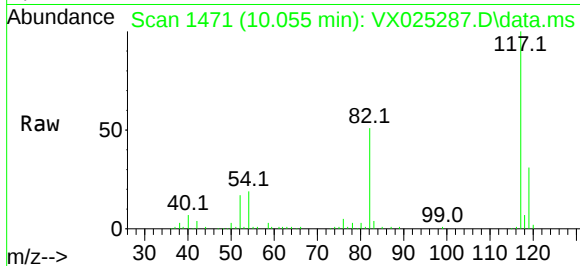




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

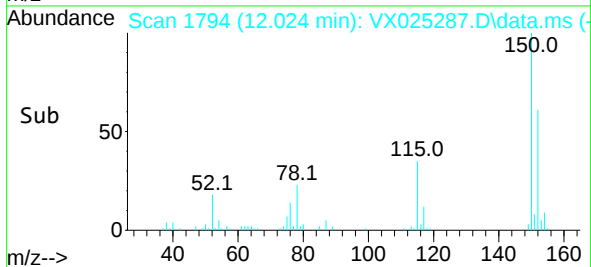
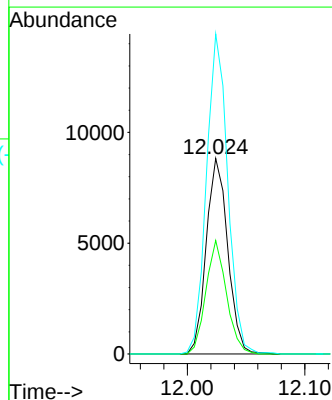
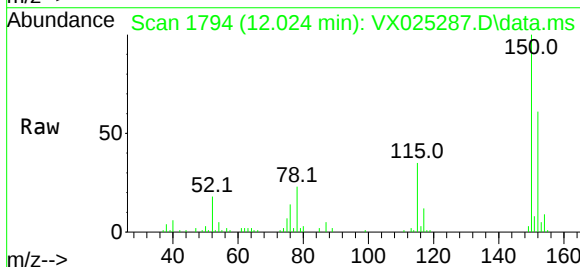
Instrument :
MSVOA_X
ClientSampleId :
261-262

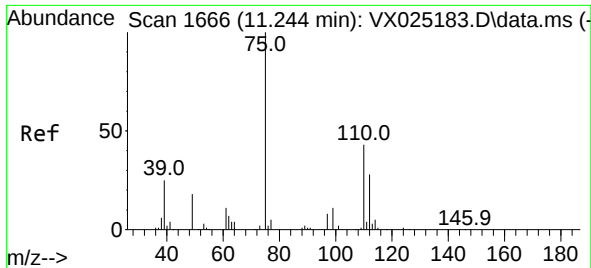
Tgt Ion:117 Resp: 40277
Ion Ratio Lower Upper
117 100
82 50.5 44.6 67.0
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion:152 Resp: 11213
Ion Ratio Lower Upper
152 100
115 55.6 43.3 129.8
150 162.1 0.0 351.2

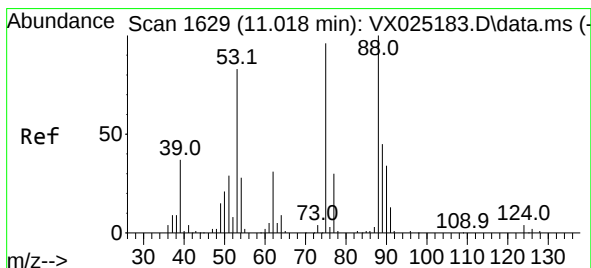
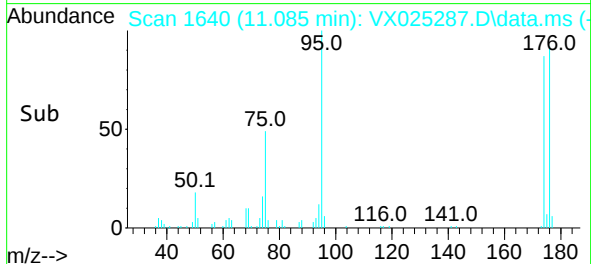
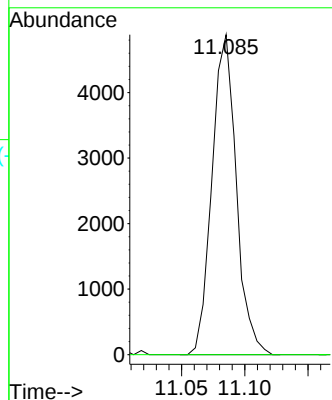
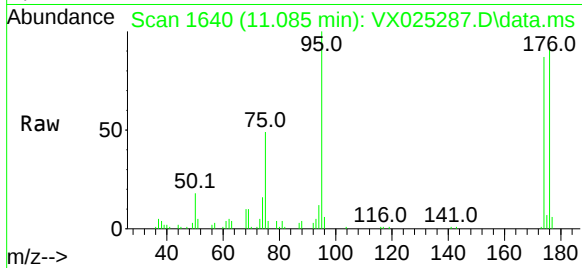




#76
1,2,3-Trichloropropane
Concen: 28.391 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

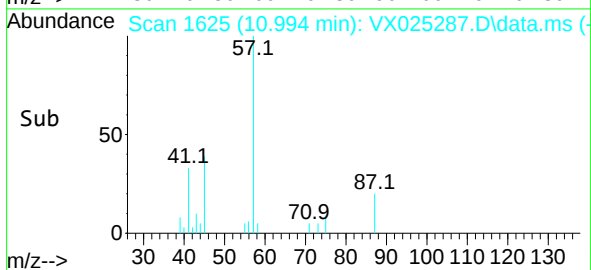
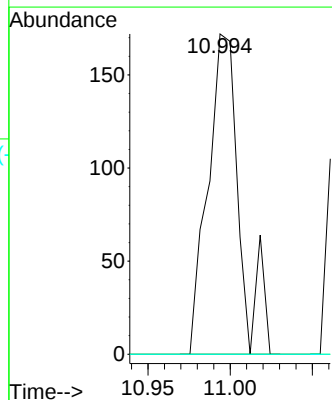
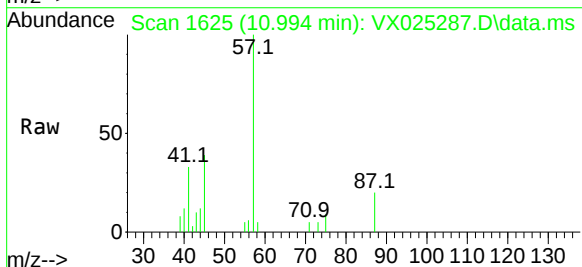
Instrument :
MSVOA_X
ClientSampleId :
261-262

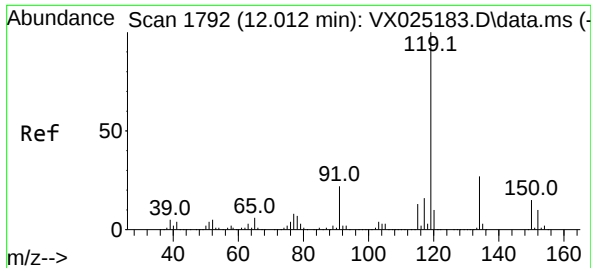
Tgt Ion: 75 Resp: 6519
Ion Ratio Lower Upper
75 100
77 0.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 2.512 ug/l
RT: 10.994 min Scan# 1625
Delta R.T. -0.024 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion: 75 Resp: 229
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

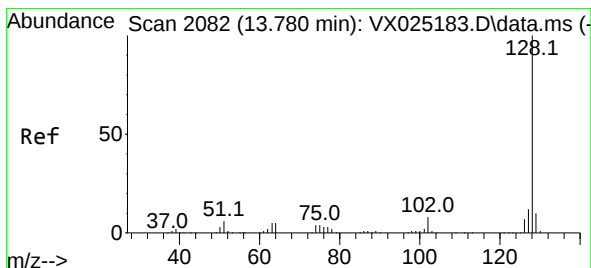
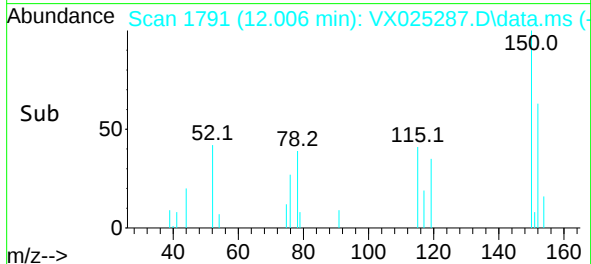
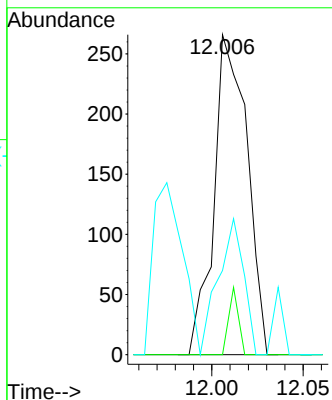
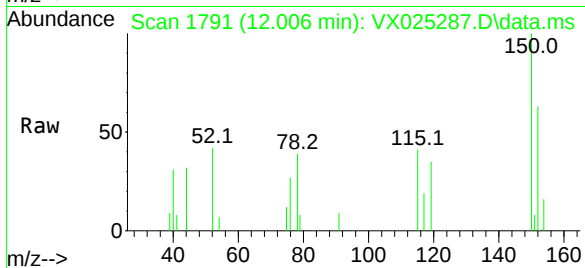




#86
p-Isopropyltoluene
Concen: 0.470 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Instrument :
MSVOA_X
ClientSampleId :
261-262

Tgt Ion:119 Resp: 335
Ion Ratio Lower Upper
119 100
134 6.0 13.2 39.5#
91 32.8 12.4 37.0



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025287.D
Acq: 23 Nov 2021 20:08

Tgt Ion:128 Resp: 111
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

