

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025281.D
 Acq On : 23 Nov 2021 17:51
 Operator : JC/MD
 Sample : M4759-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 03:14:43 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	5.556	168	93908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56940	57.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.040%	
35) Dibromofluoromethane	5.391	113	55253	52.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	8.653	98	199593	50.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	11.085	95	75344	50.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.620%	

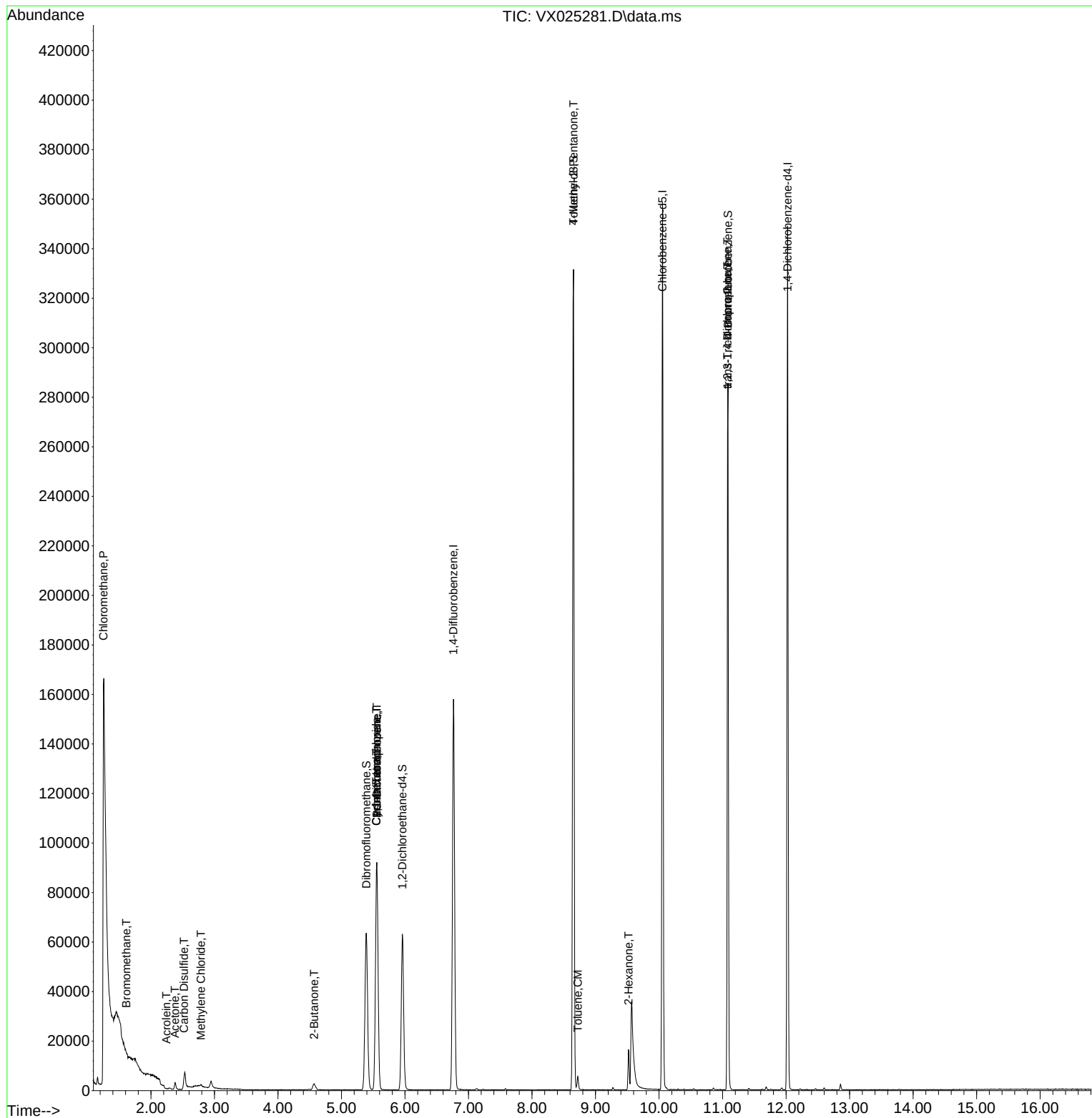
Target Compounds			Qvalue			
3) Chloromethane	1.252	50	9763	9.686	ug/l #	42
5) Bromomethane	1.611	94	162	0.341	ug/l #	78
11) Tert butyl alcohol	2.947	59	1602	Below Cal	#	72
13) Acrolein	2.239	56	55	1.213	ug/l #	16
16) Acetone	2.380	43	2896	5.265	ug/l	99
17) Carbon Disulfide	2.520	76	3341	1.365	ug/l	97
20) Methylene Chloride	2.788	84	248	0.240	ug/l #	57
25) 2-Butanone	4.568	43	309	0.389	ug/l #	48
31) Cyclohexane	5.550	56	1676	1.096	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	6428	4.336	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8792	5.384	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	866	0.492	ug/l #	1
52) Toluene	8.720	92	2047	0.698	ug/l	96
59) 2-Hexanone	9.519	43	2313	1.667	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	37205	24.411	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37205	61.495	ug/l #	9
95) Naphthalene	13.780	128	294	Below Cal	#	69

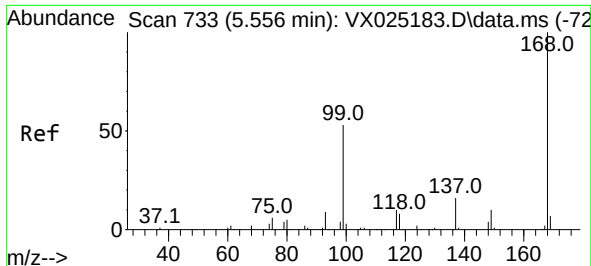
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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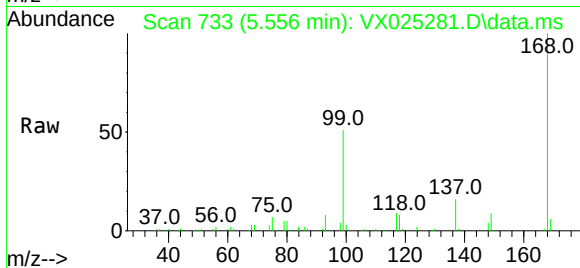
Quant Time: Nov 24 03:14:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



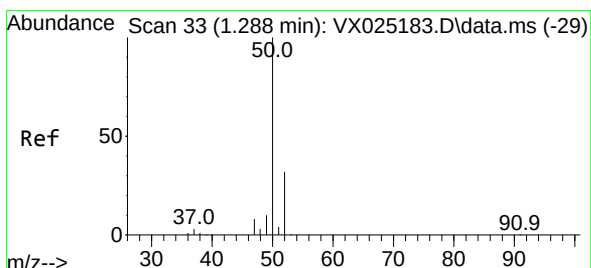
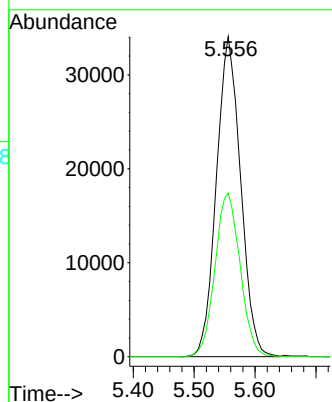
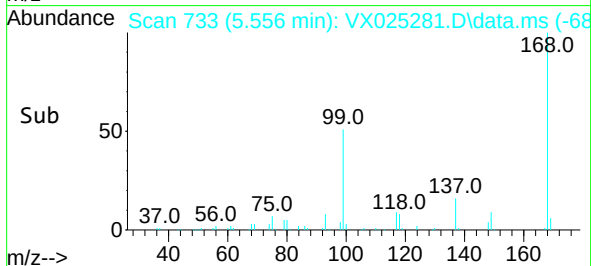


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

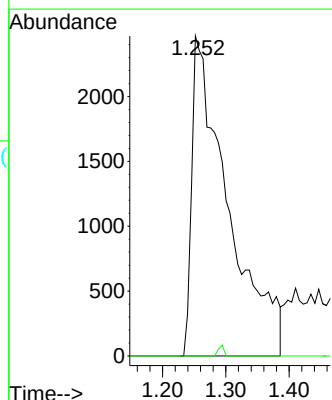
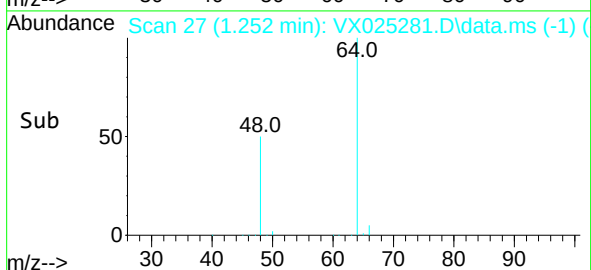
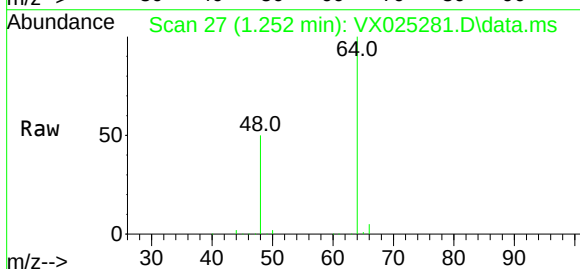


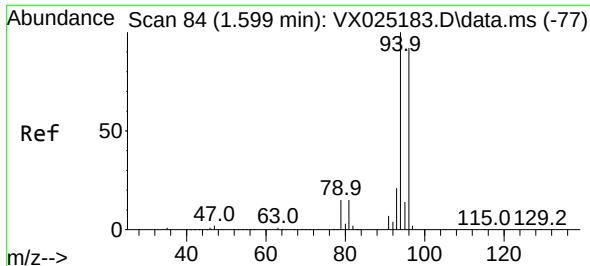
Tgt Ion:168 Resp: 93908
Ion Ratio Lower Upper
168 100
99 51.2 46.4 69.6



#3
Chloromethane
Concen: 9.686 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.036 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion: 50 Resp: 9763
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

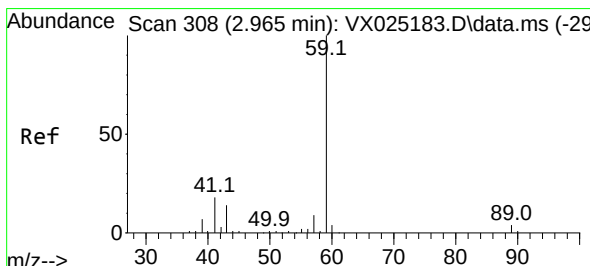
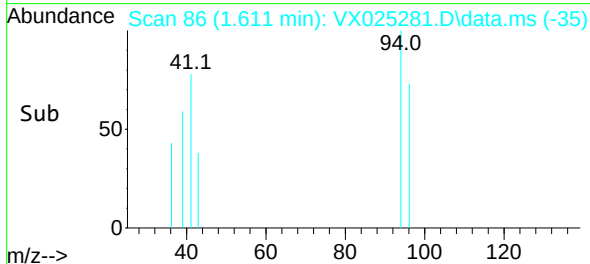
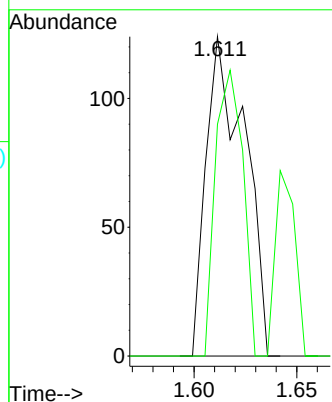
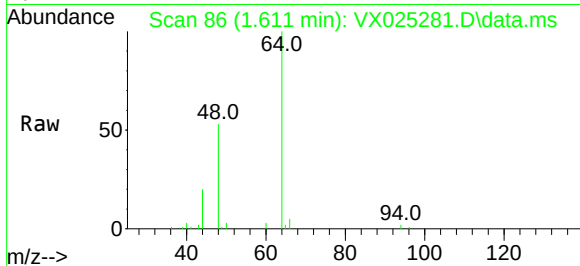




#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

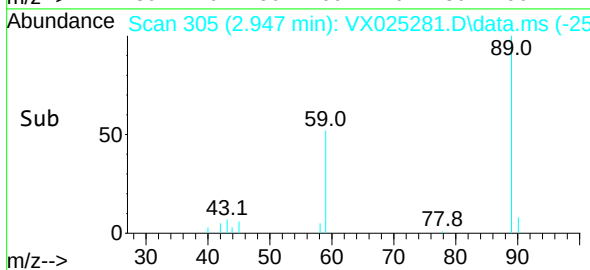
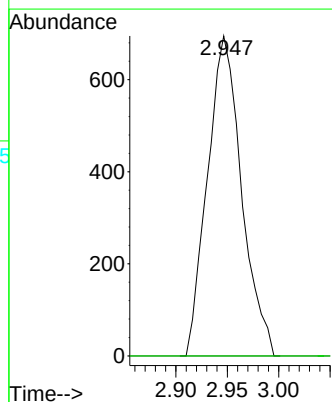
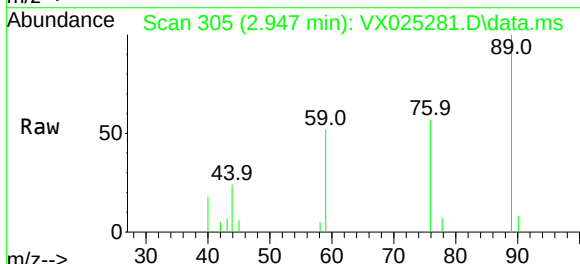
Instrument :
MSVOA_X
ClientSampleId :

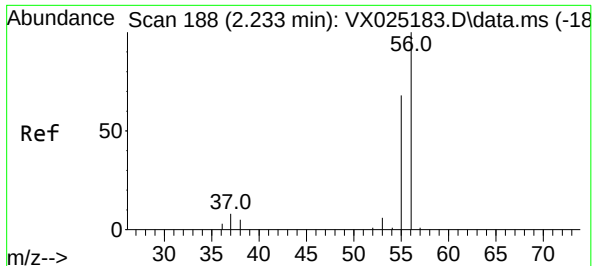
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 72.6 74.8 112.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

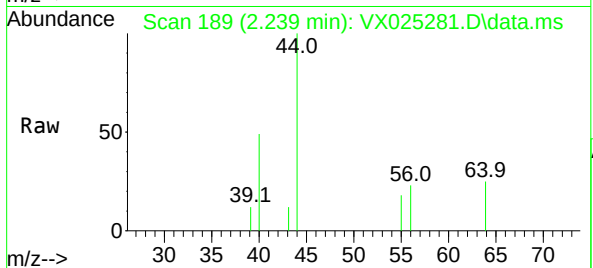
Tgt Ion: 59 Resp: 1602
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



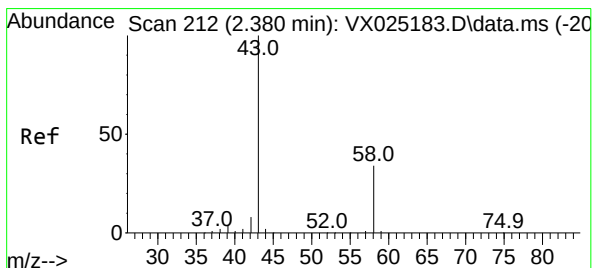
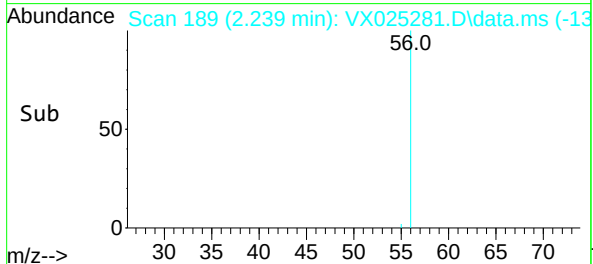
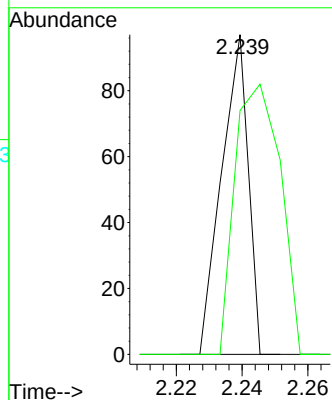


#13
Acrolein
Concen: 1.213 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

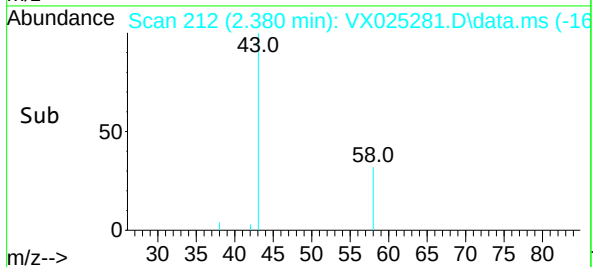
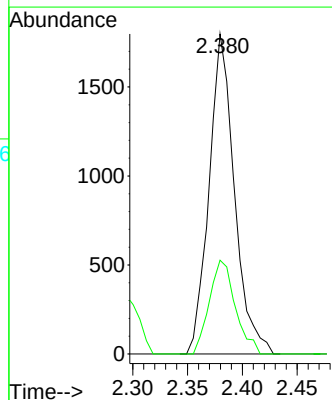
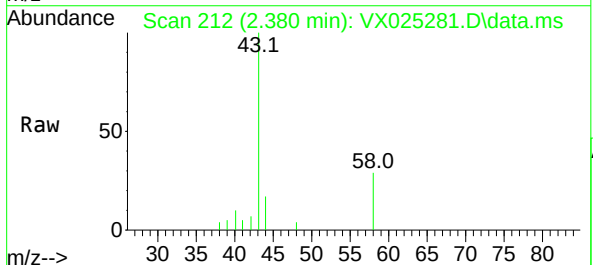


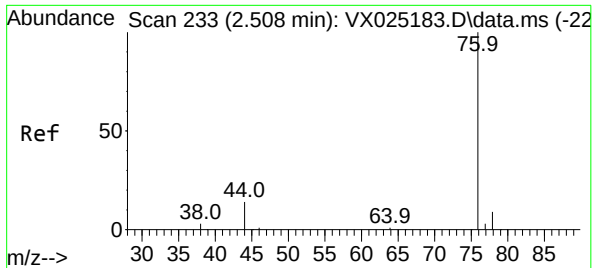
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 143.6 58.6 87.8#



#16
Acetone
Concen: 5.265 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

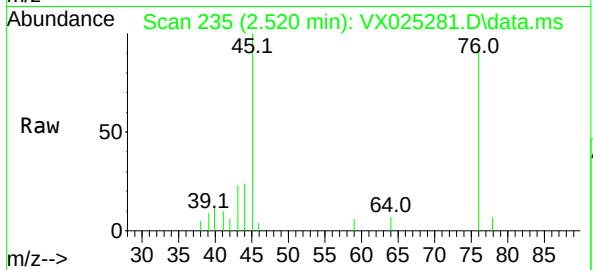
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 29.3 24.0 36.0



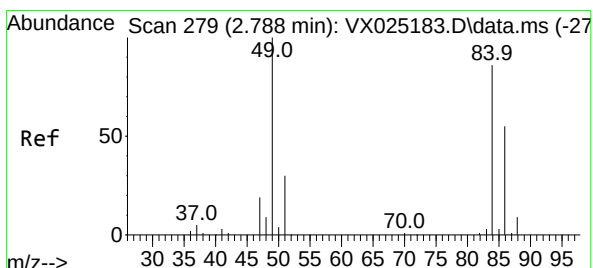
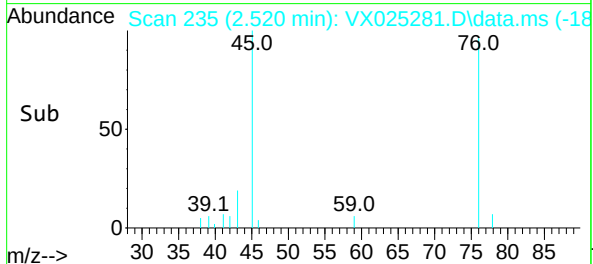
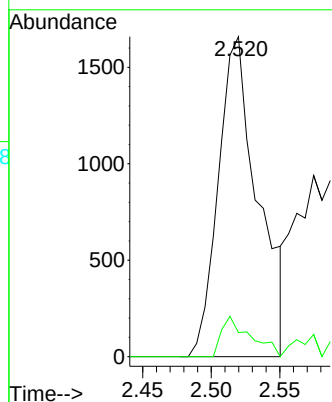


#17
Carbon Disulfide
Concen: 1.365 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

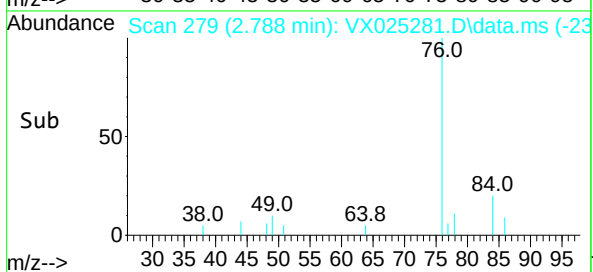
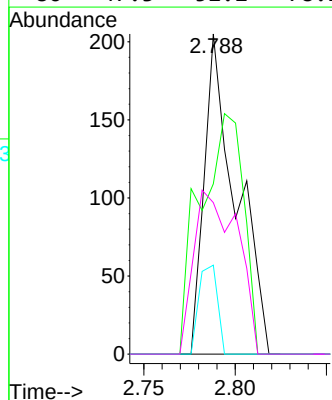
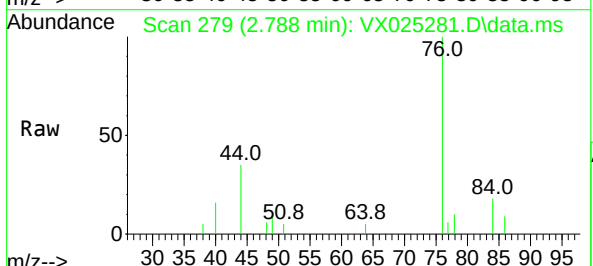


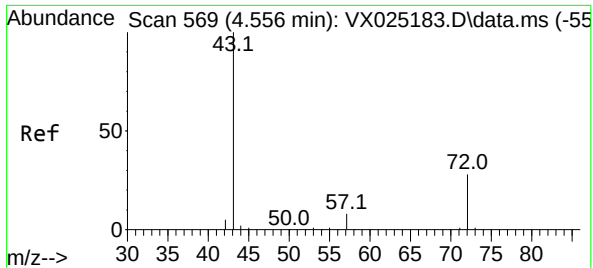
Tgt Ion: 76 Resp: 3341
Ion Ratio Lower Upper
76 100
78 7.5 6.9 10.3



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion: 84 Resp: 248
Ion Ratio Lower Upper
84 100
49 53.2 98.2 147.2#
51 27.8 30.2 45.4#
86 47.3 52.2 78.2#

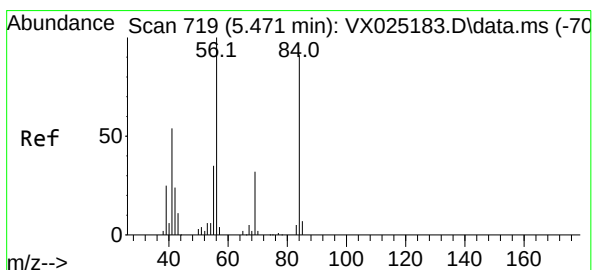
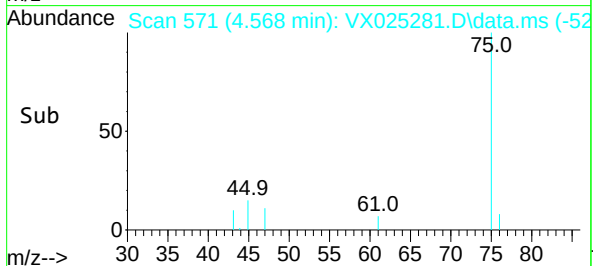
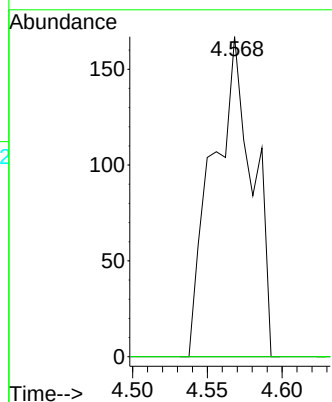
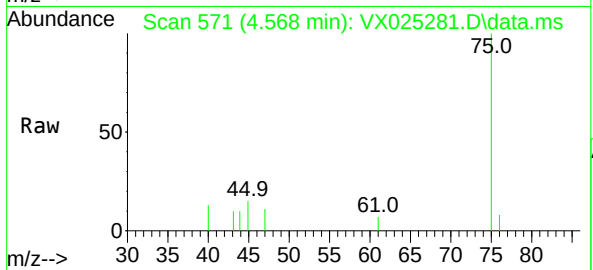




#25
2-Butanone
Concen: 0.389 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

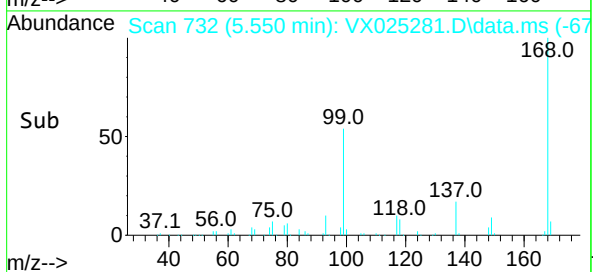
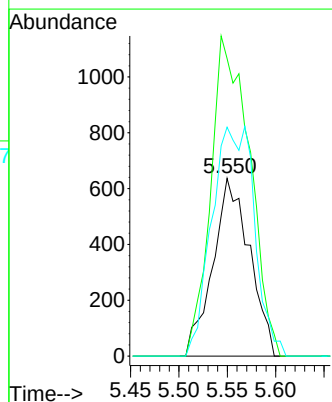
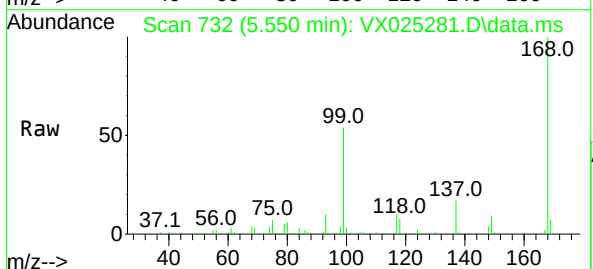
Instrument :
MSVOA_X
ClientSampleId :

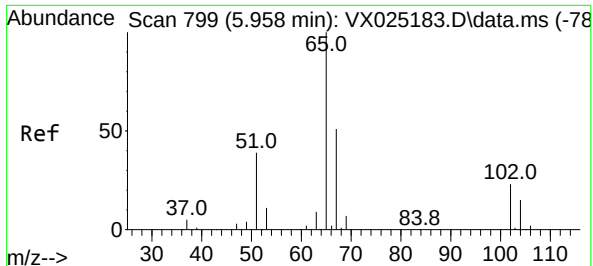
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion: 56 Resp: 1676
Ion Ratio Lower Upper
56 100
69 167.3 24.2 36.2#
84 128.7 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.524 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

Instrument :

MSVOA_X

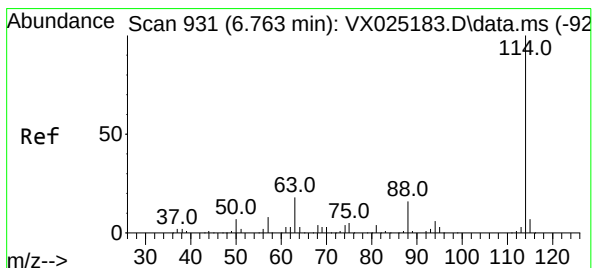
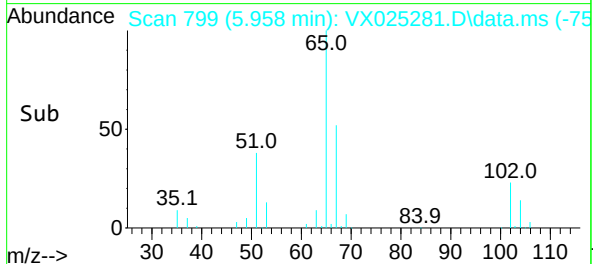
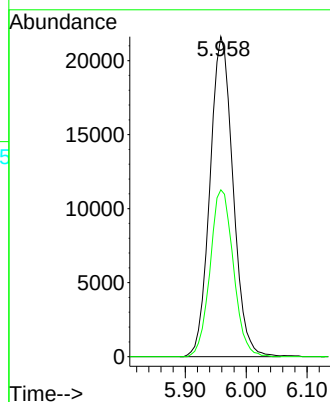
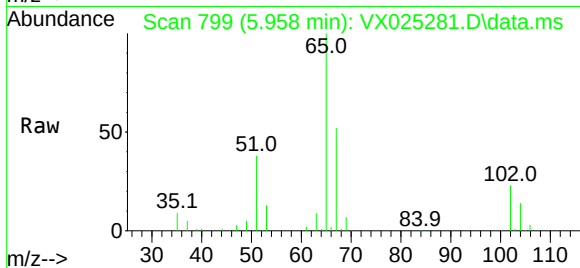
ClientSampleId :

Tgt Ion: 65 Resp: 56940

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

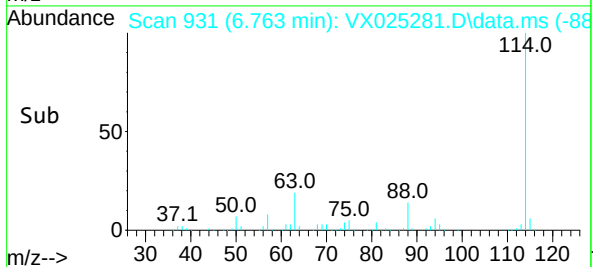
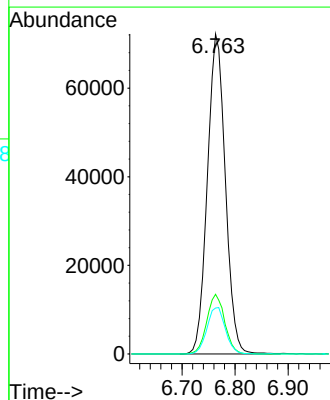
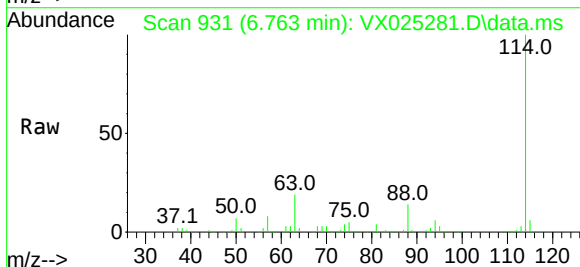
Tgt Ion: 114 Resp: 169920

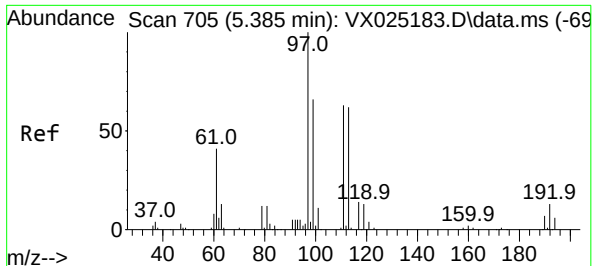
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.0

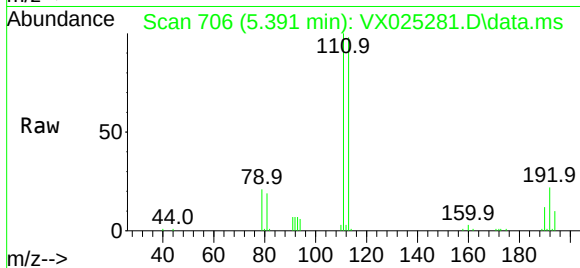
88 14.4 0.0 34.8



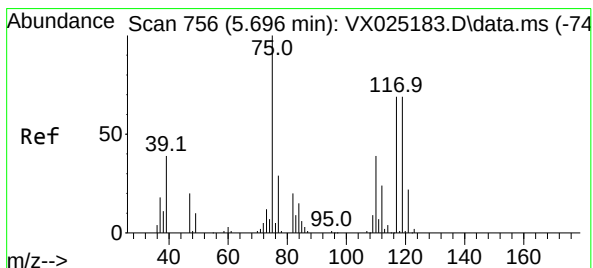
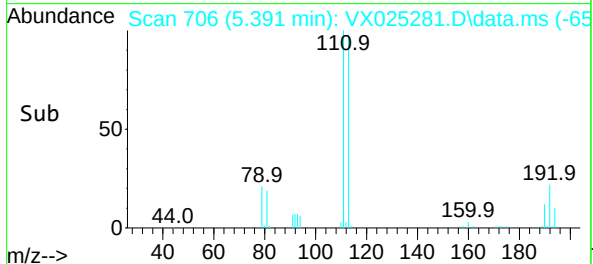
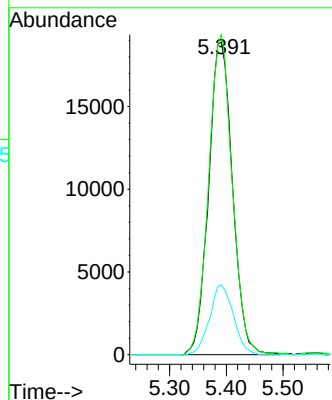


#35
Dibromofluoromethane
Concen: 52.997 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

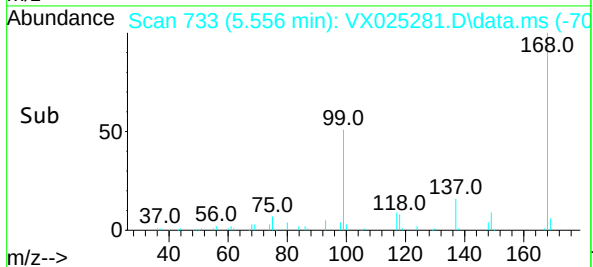
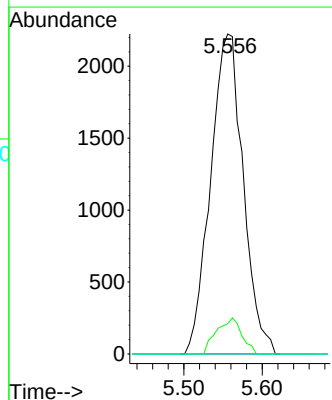
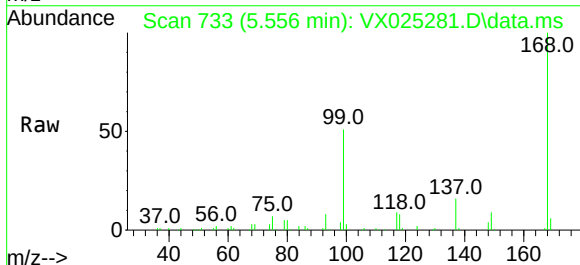


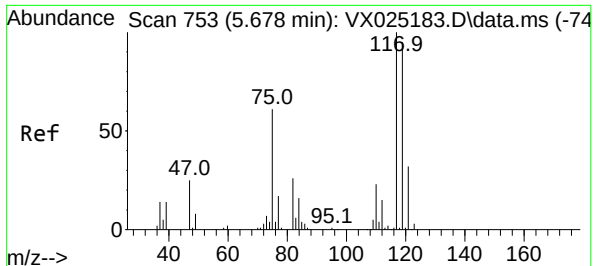
Tgt Ion:113 Resp: 55253
Ion Ratio Lower Upper
113 100
111 101.0 82.1 123.1
192 22.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.336 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

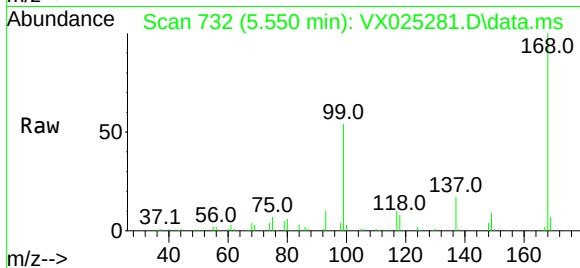
Tgt Ion: 75 Resp: 6428
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 24.4 36.6#



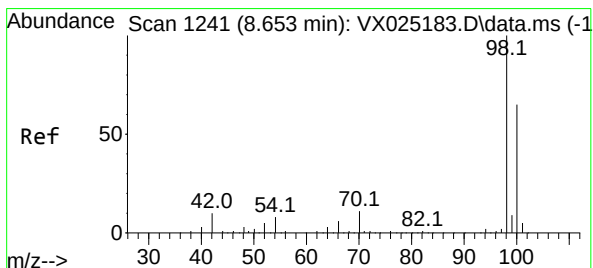
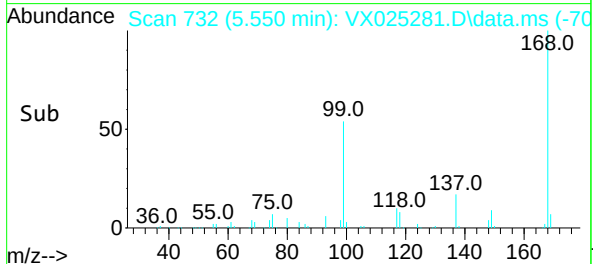
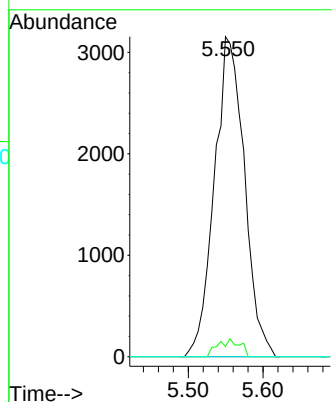


#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

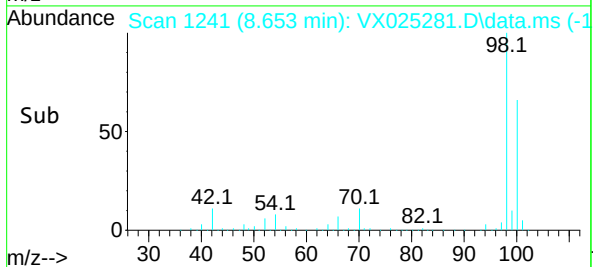
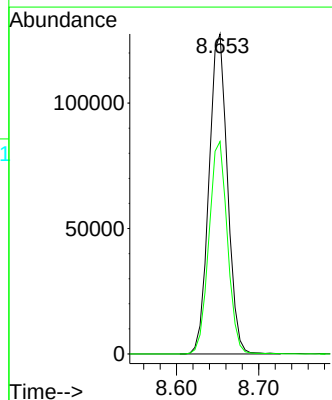
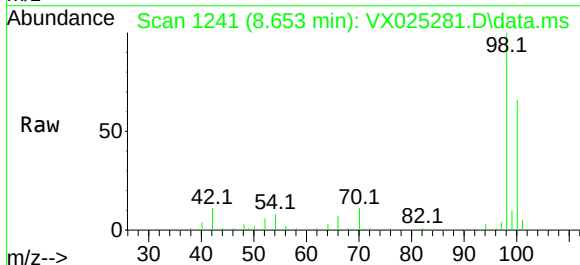


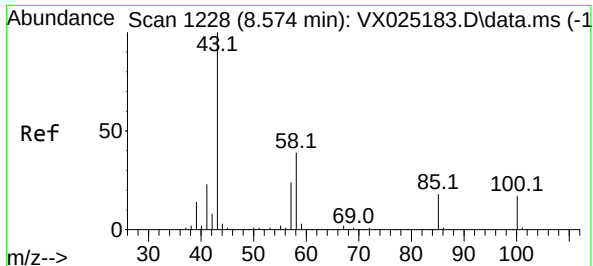
Tgt Ion:117 Resp: 8792
Ion Ratio Lower Upper
117 100
119 3.2 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion: 98 Resp: 199593
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0

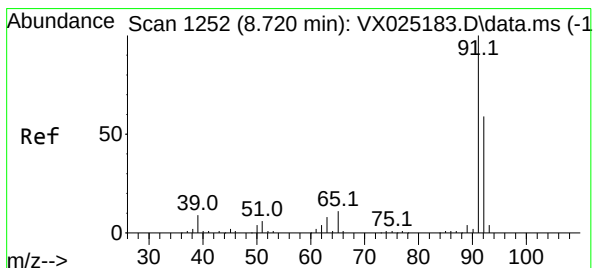
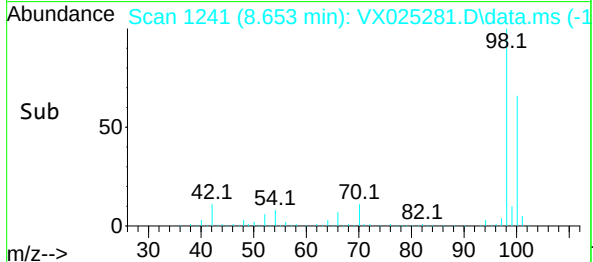
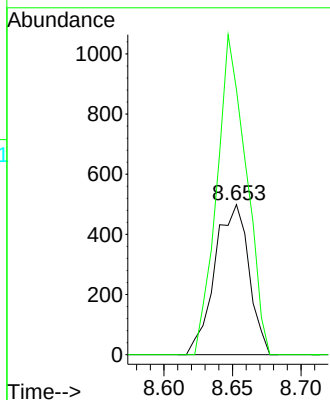
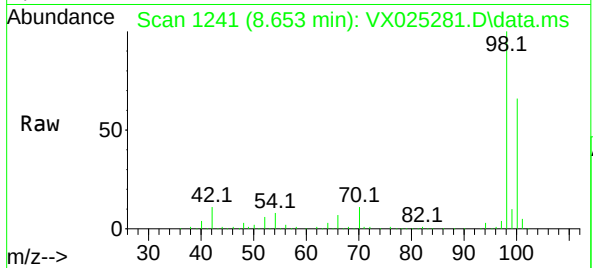




#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

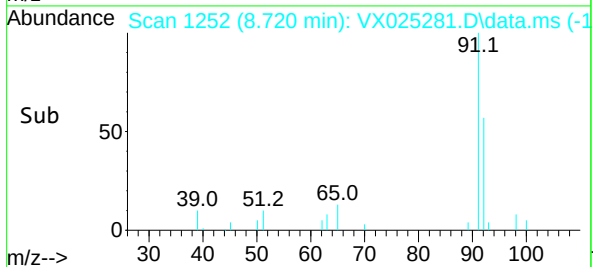
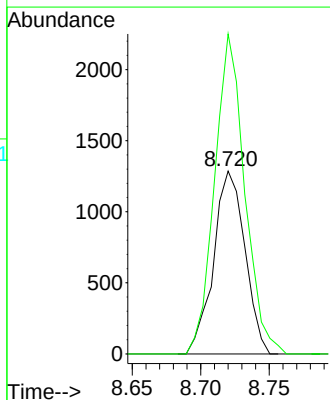
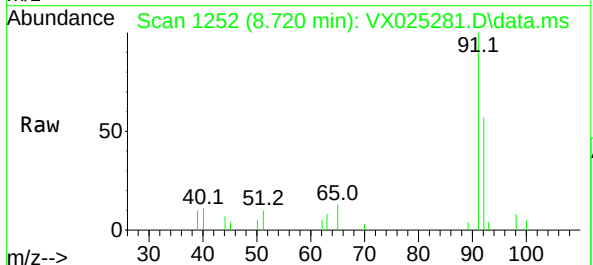
Instrument :
MSVOA_X
ClientSampleId :

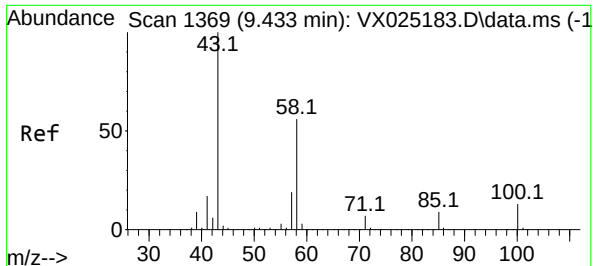
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 183.4 30.9 46.3#



#52
Toluene
Concen: 0.698 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion: 92 Resp: 2047
Ion Ratio Lower Upper
92 100
91 168.1 138.6 208.0





#59

2-Hexanone

Concen: 1.667 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

Instrument :

MSVOA_X

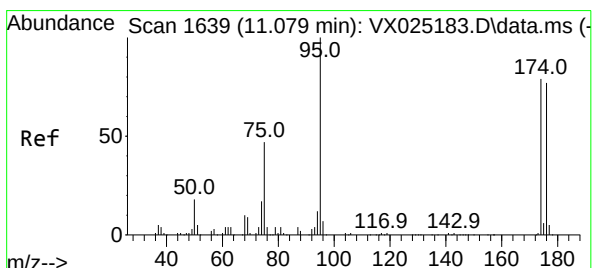
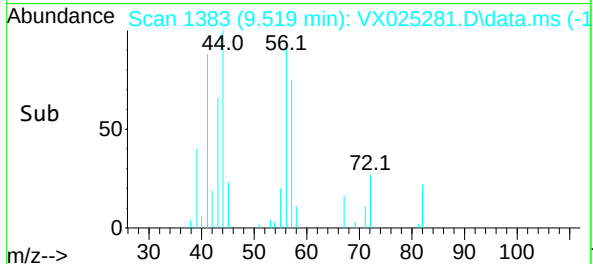
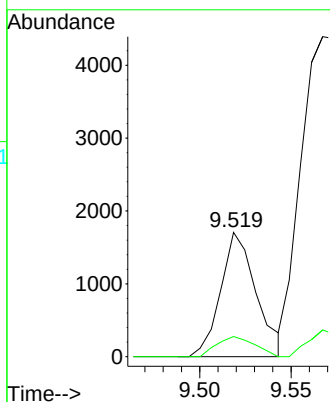
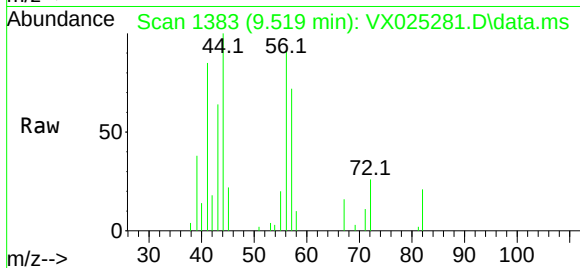
ClientSampleId :

Tgt Ion: 43 Resp: 2313

Ion Ratio Lower Upper

43 100

58 17.1 26.6 79.7#



#62

4-Bromofluorobenzene

Concen: 50.807 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

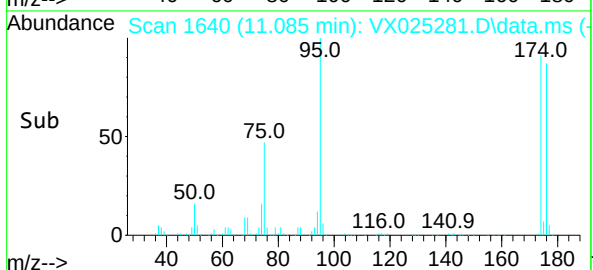
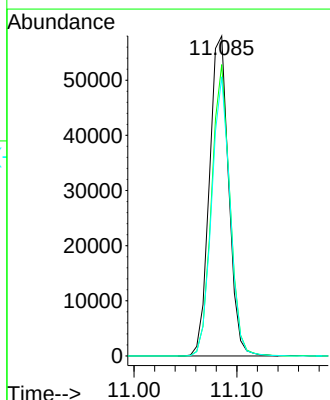
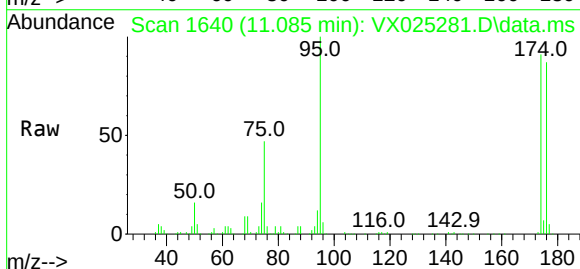
Tgt Ion: 95 Resp: 75344

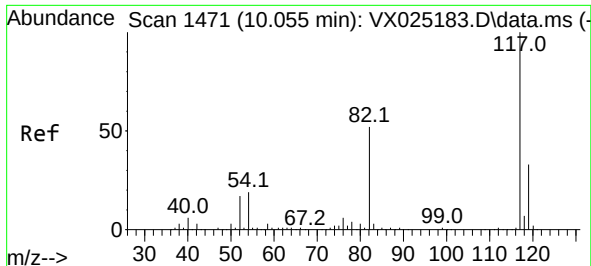
Ion Ratio Lower Upper

95 100

174 86.6 0.0 158.0

176 83.4 0.0 153.6

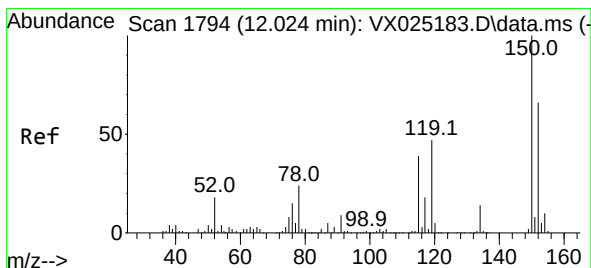
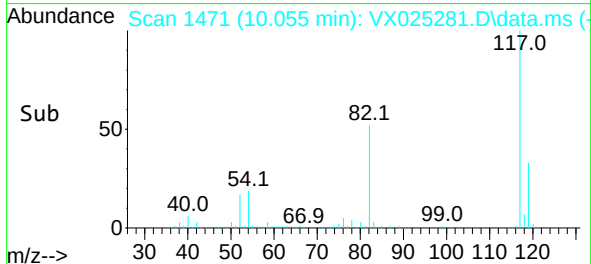
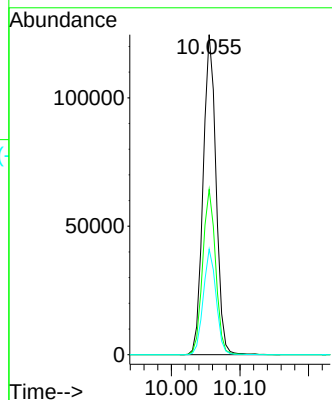
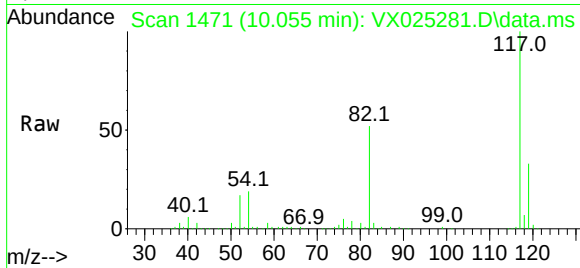




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

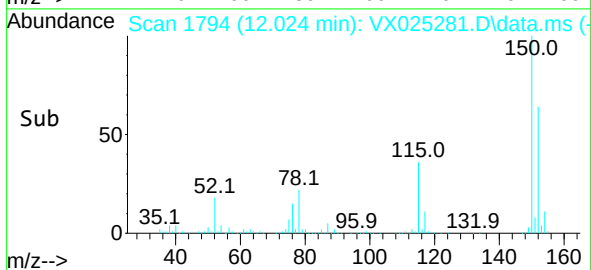
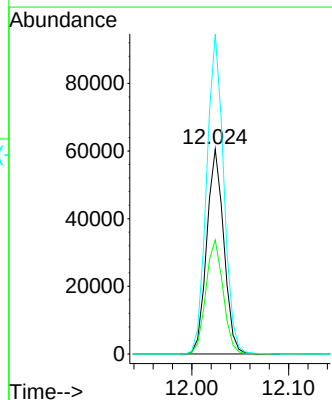
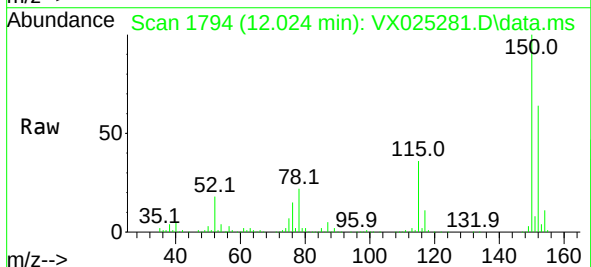
Instrument :
MSVOA_X
ClientSampleId :

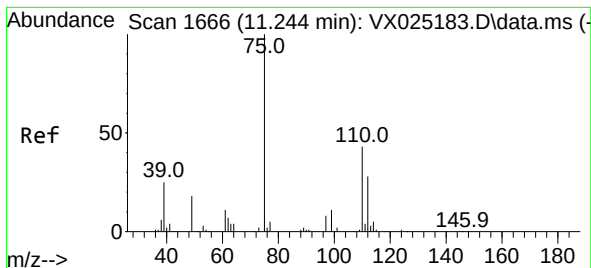
Tgt Ion:117 Resp: 163838
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Tgt Ion:152 Resp: 74427
Ion Ratio Lower Upper
152 100
115 56.4 43.3 129.8
150 156.4 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 24.411 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

Instrument :

MSVOA_X

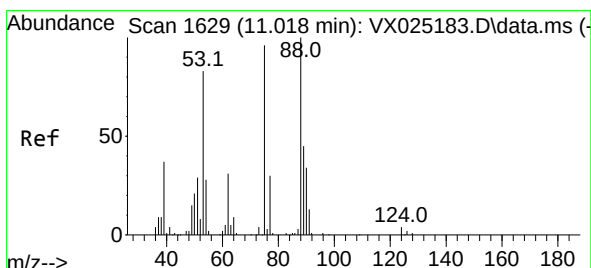
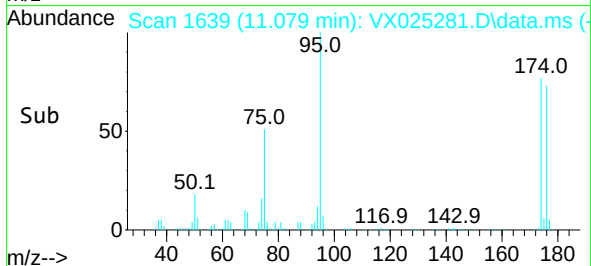
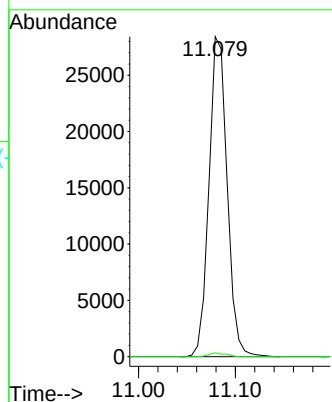
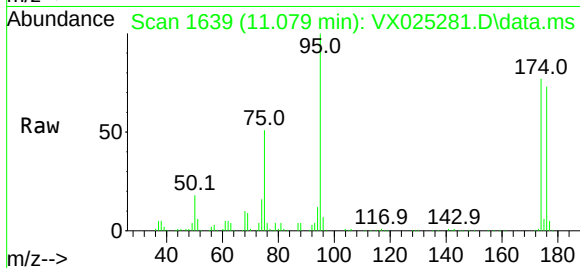
ClientSampleId :

Tgt Ion: 75 Resp: 37205

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX025281.D

Acq: 23 Nov 2021 17:51

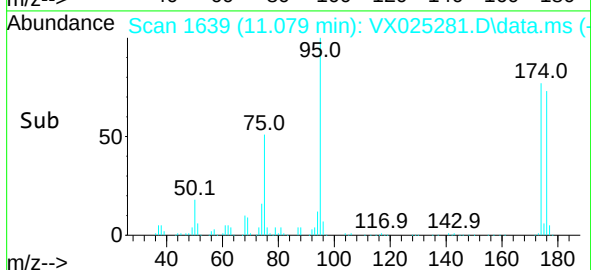
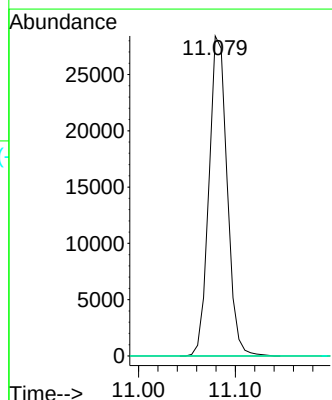
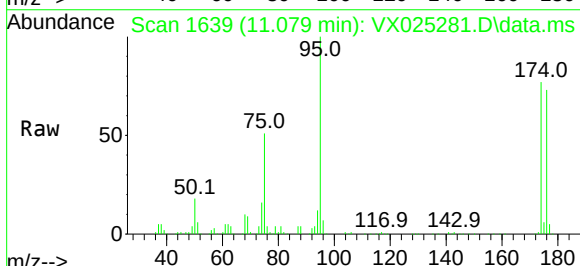
Tgt Ion: 75 Resp: 37205

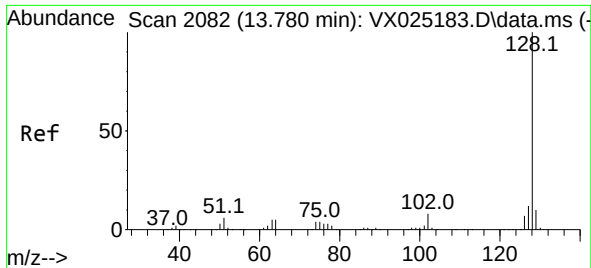
Ion Ratio Lower Upper

75 100

53 0.0 81.9 122.9#

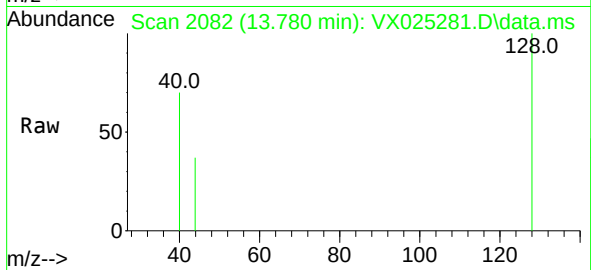
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025281.D
Acq: 23 Nov 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 294
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

