

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025309.D
 Acq On : 24 Nov 2021 05:04
 Operator : JC/MD
 Sample : PB140964ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 09:56:19 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)

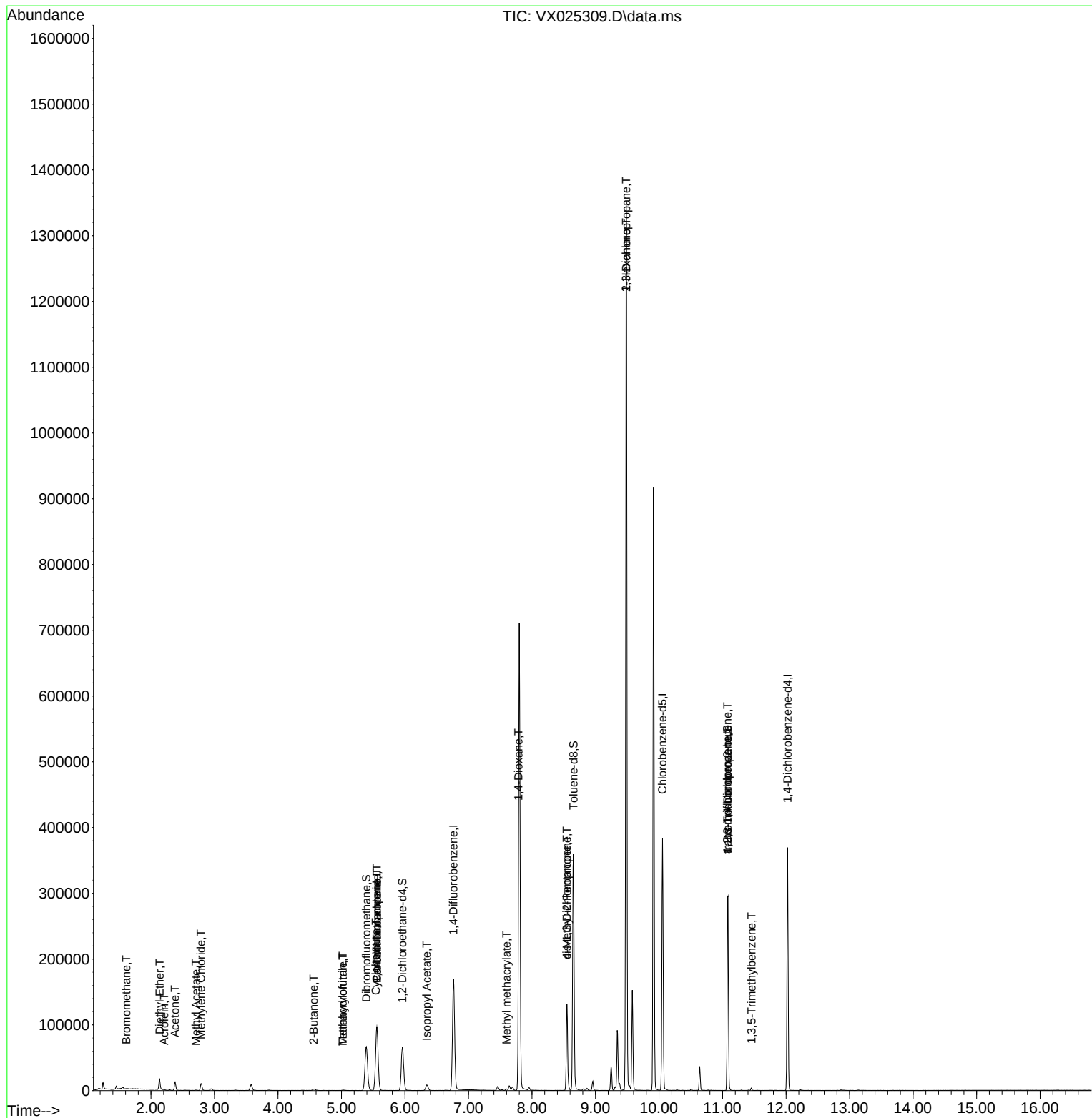
Internal Standards						
1) Pentafluorobenzene	5.556	168	99771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61083	58.083	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.160%	
35) Dibromofluoromethane	5.391	113	58717	52.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	8.653	98	218254	51.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	11.079	95	81773	51.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	301	0.595	ug/l #	49
8) Diethyl Ether	2.136	74	5293	7.350	ug/l	91
11) Tert butyl alcohol	2.947	59	1704	Below Cal	#	72
13) Acrolein	2.209	56	56	1.162	ug/l #	1
16) Acetone	2.380	43	13234	22.647	ug/l	97
18) Methyl Acetate	2.709	43	726	0.389	ug/l #	86
20) Methylene Chloride	2.788	84	5002	4.554	ug/l	88
25) 2-Butanone	4.562	43	2659	3.147	ug/l	93
29) Tetrahydrofuran	5.019	42	487	0.931	ug/l #	36
31) Cyclohexane	5.544	56	1764	1.085	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	6506	4.094	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9381	5.359	ug/l #	16
41) Methacrylonitrile	5.019	41	313	0.312	ug/l #	33
43) Isopropyl Acetate	6.342	43	11989	3.984	ug/l	95
48) Methyl methacrylate	7.598	41	3420	2.422	ug/l #	14
49) 1,4-Dioxane	7.787	88	37	1.241	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42514	22.531	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	20939	10.298	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	12436	6.006	ug/l #	42
59) 2-Hexanone	9.482	43	157586	105.935	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	39254	24.003	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.457	105	1832	0.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	39254	60.468	ug/l #	9
95) Naphthalene	13.780	128	123	Below Cal	#	69

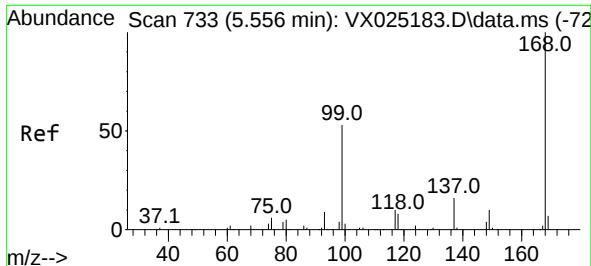
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
Data File : VX025309.D
Acq On : 24 Nov 2021 05:04
Operator : JC/MD
Sample : PB140964ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

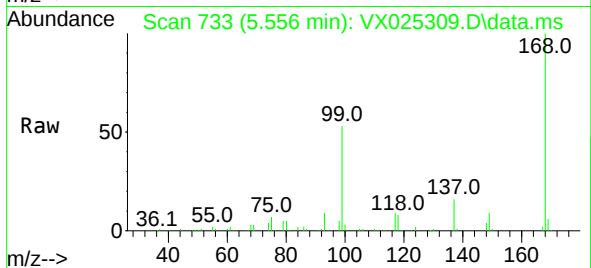
Quant Time: Nov 24 09:56:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



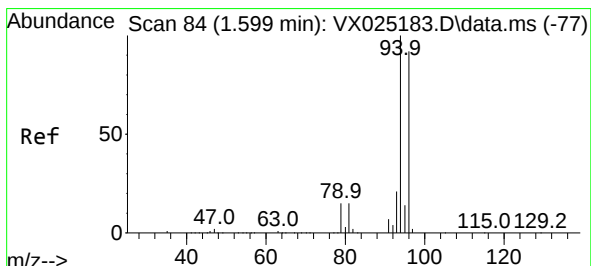
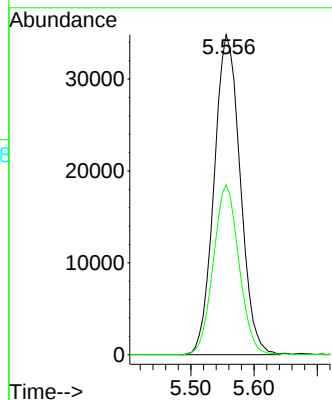
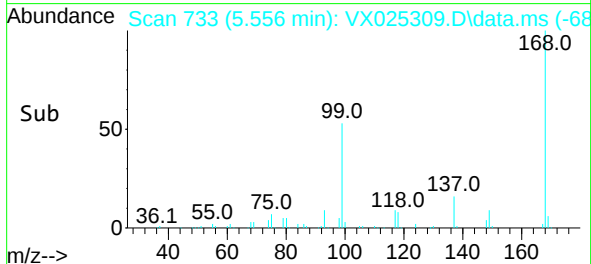


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Instrument :
MSVOA_X
ClientSampleId :

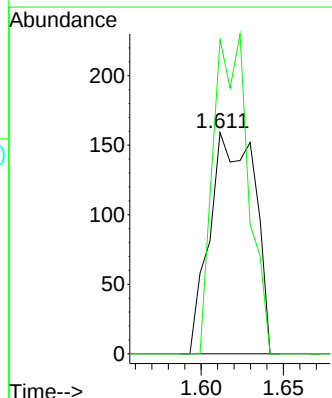
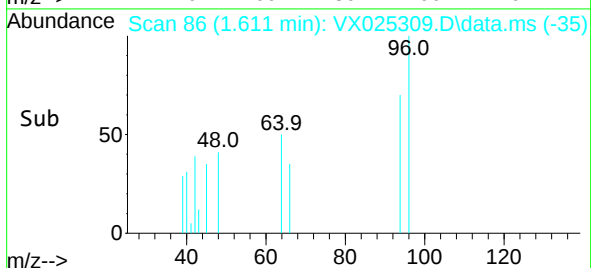
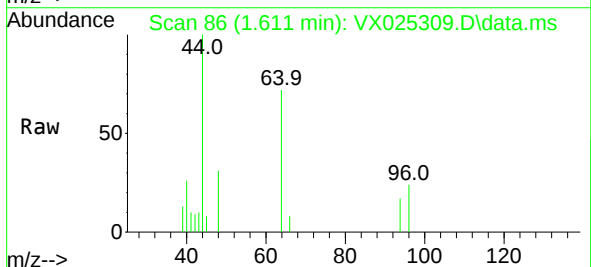


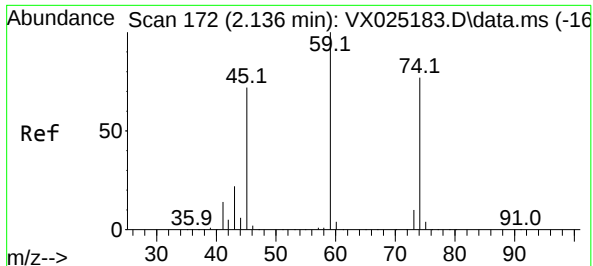
Tgt Ion:168 Resp: 99771
Ion Ratio Lower Upper
168 100
99 53.0 46.4 69.6



#5
Bromomethane
Concen: 0.595 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

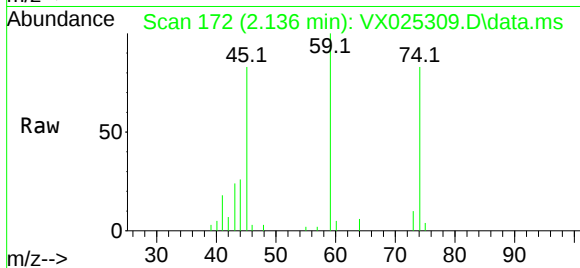
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 142.1 74.8 112.2#



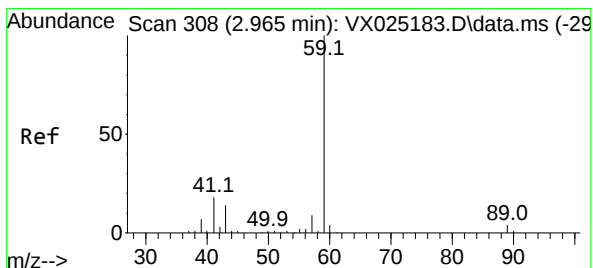
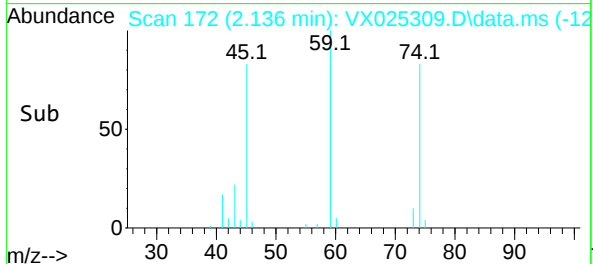
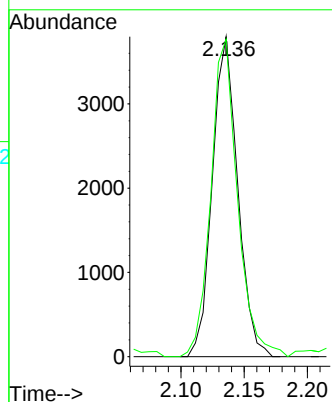


#8
Diethyl Ether
Concen: 7.350 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Instrument :
MSVOA_X
ClientSampleId :

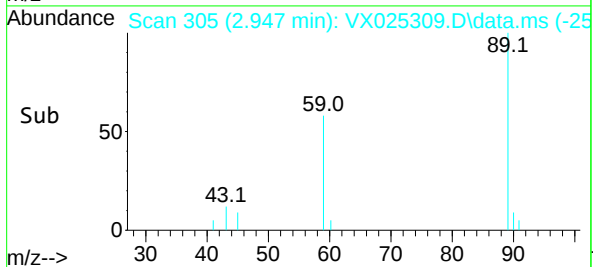
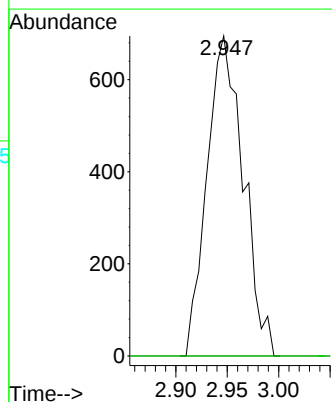
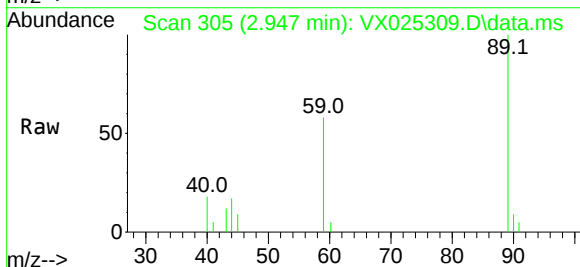


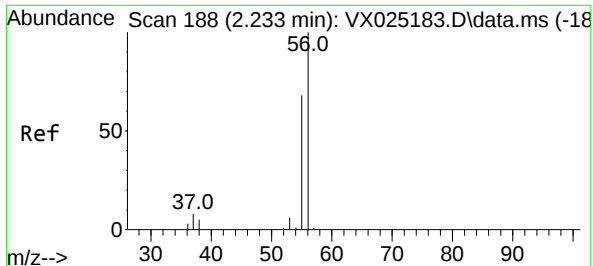
Tgt Ion: 74 Resp: 5293
Ion Ratio Lower Upper
74 100
45 104.4 47.6 142.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 59 Resp: 1704
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

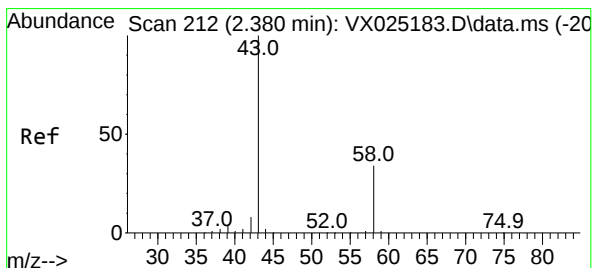
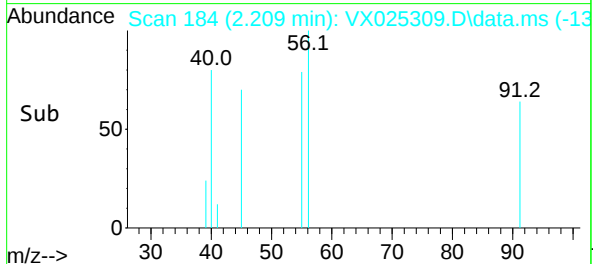
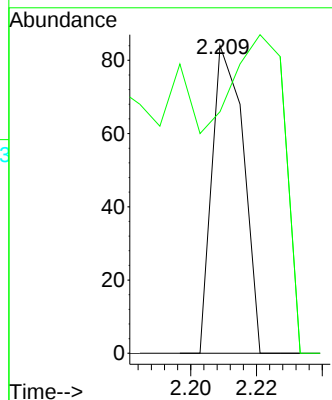
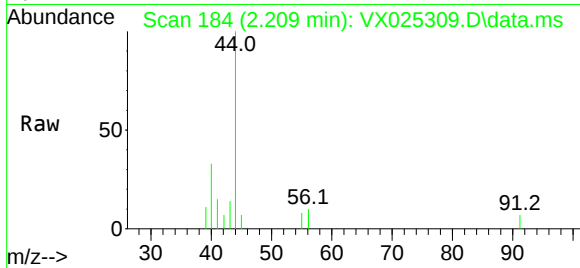




#13
Acrolein
Concen: 1.162 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

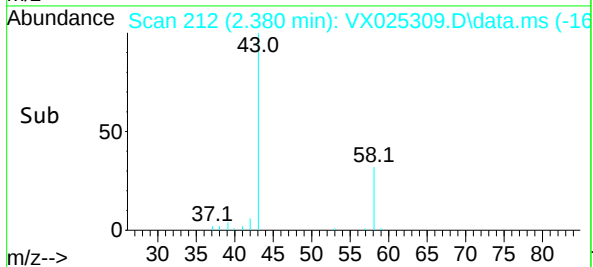
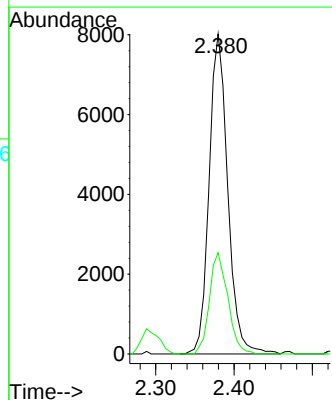
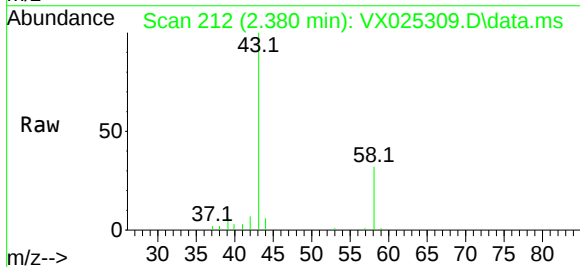
Instrument :
MSVOA_X
ClientSampleId :

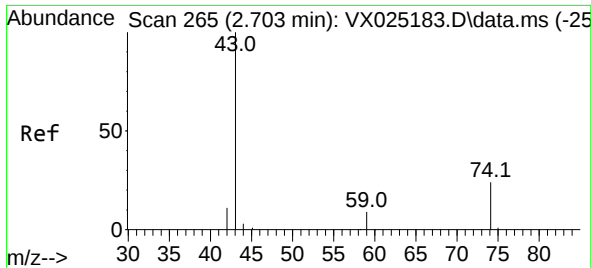
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 160.7 58.6 87.8#



#16
Acetone
Concen: 22.647 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 43 Resp: 13234
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0

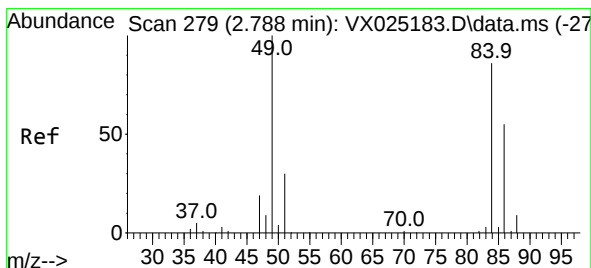
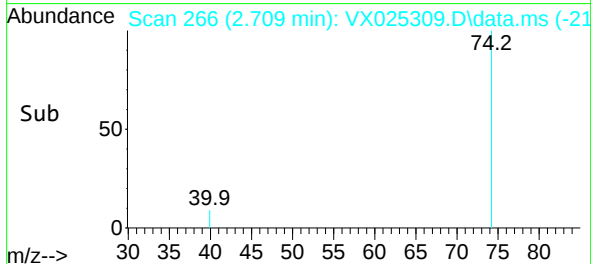
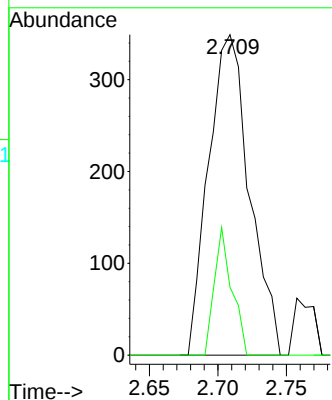
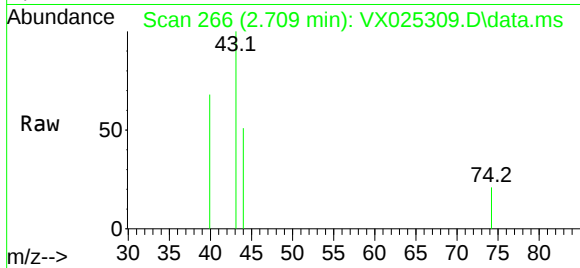




#18
Methyl Acetate
Concen: 0.389 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

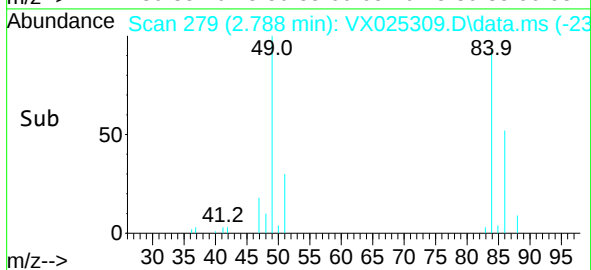
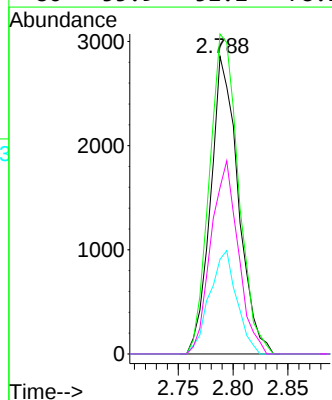
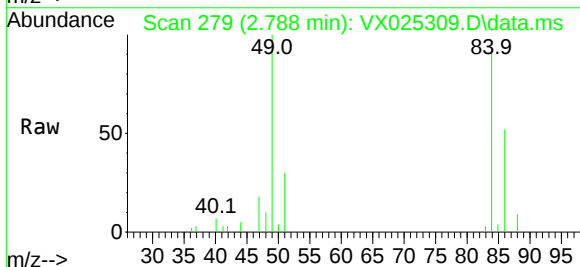
Instrument :
MSVOA_X
ClientSampleId :

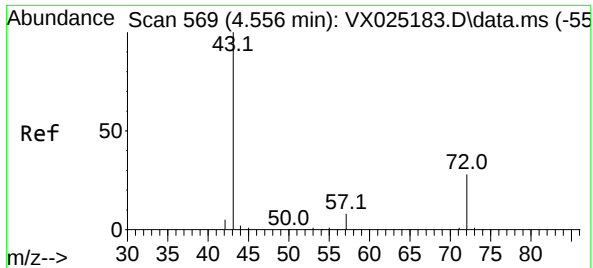
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
74 17.1 19.0 28.6#



#20
Methylene Chloride
Concen: 4.554 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 84 Resp: 5002
Ion Ratio Lower Upper
84 100
49 107.6 98.2 147.2
51 31.8 30.2 45.4
86 55.9 52.2 78.2

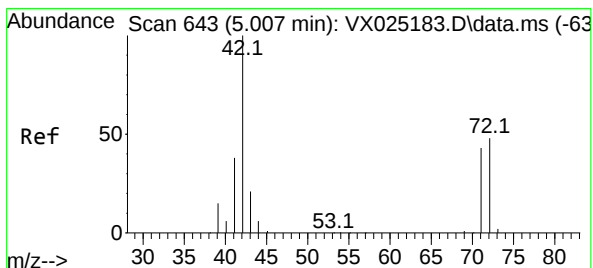
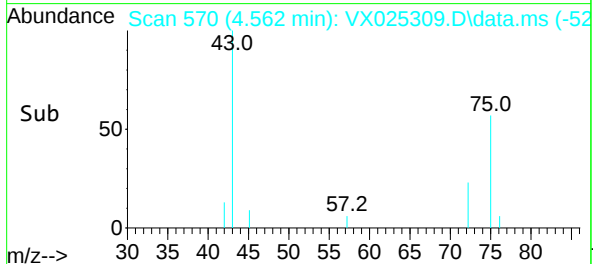
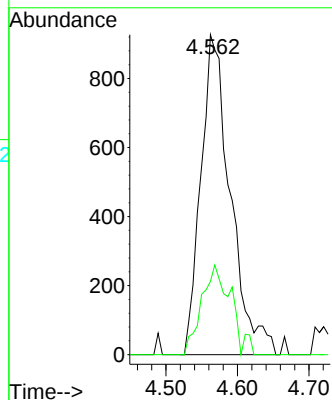
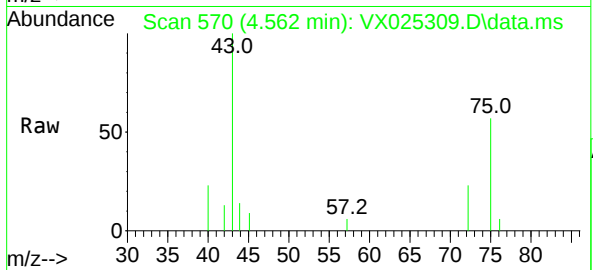




#25
2-Butanone
Concen: 3.147 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

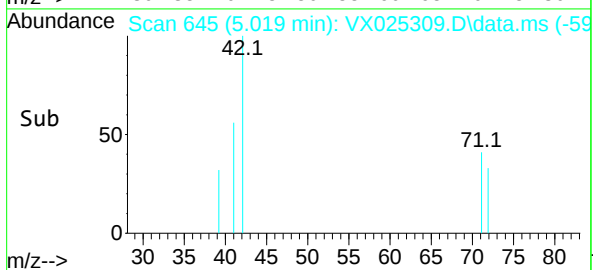
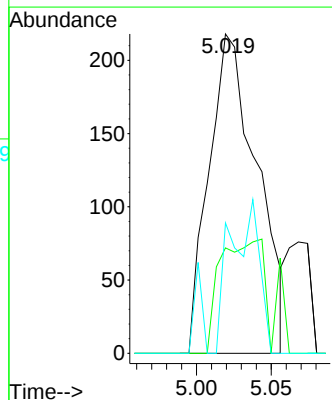
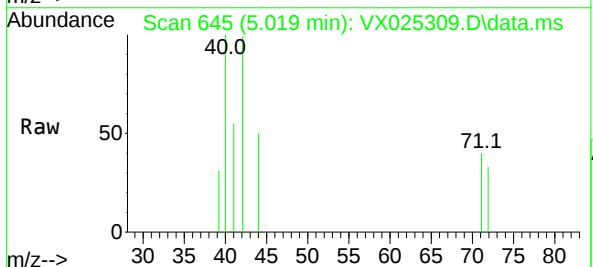
Instrument :
MSVOA_X
ClientSampleId :

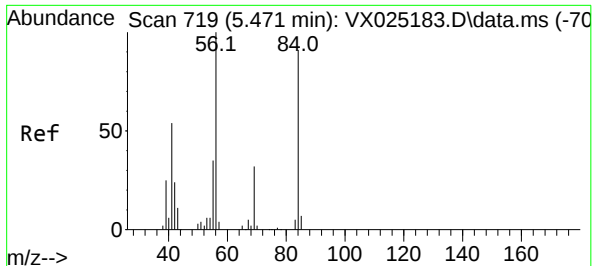
Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
72 22.9 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.931 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

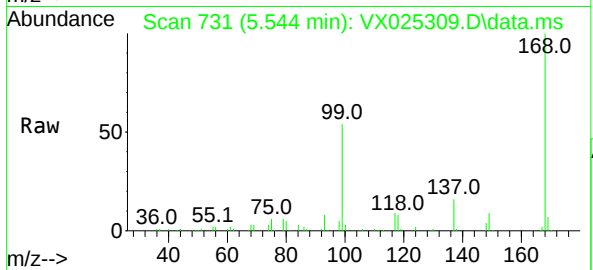
Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 4.7 33.7 50.5#



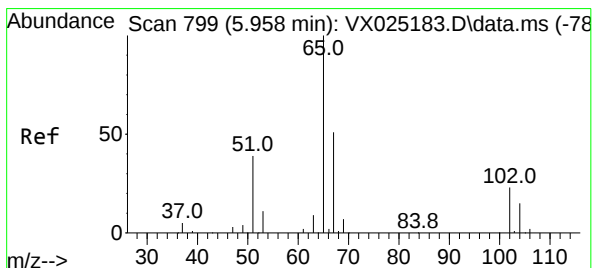
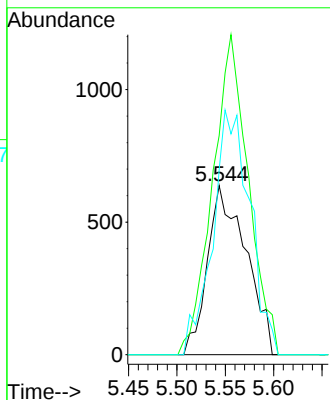
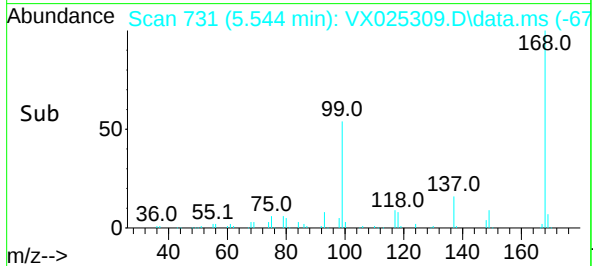


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Instrument :
MSVOA_X
ClientSampleId :

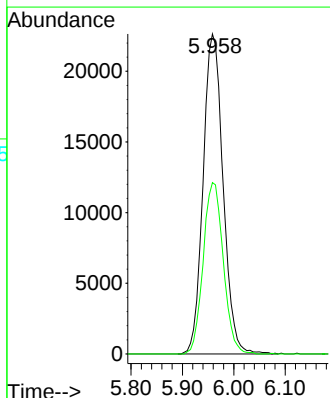
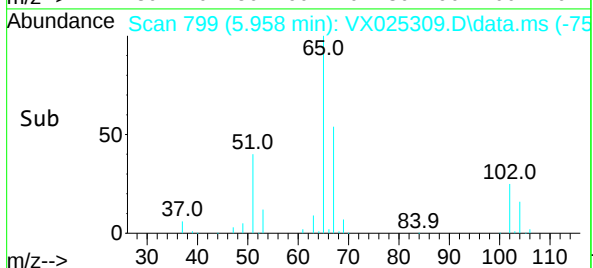
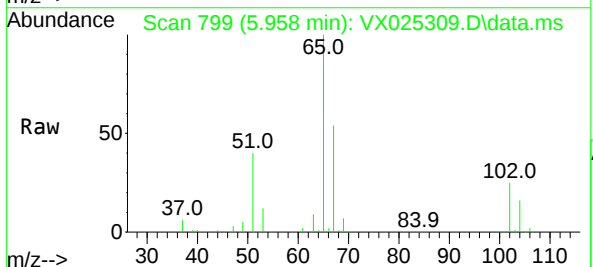


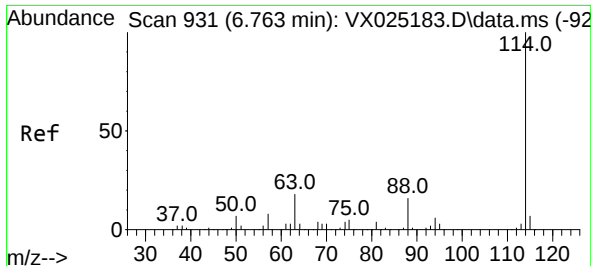
Tgt Ion: 56 Resp: 1764
Ion Ratio Lower Upper
56 100
69 129.5 24.2 36.2#
84 109.4 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 58.083 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 65 Resp: 61083
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.0

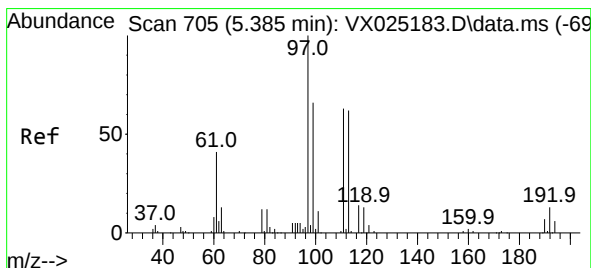
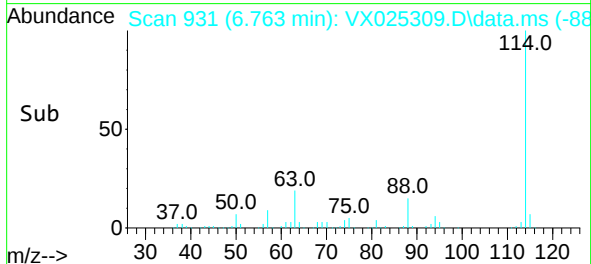
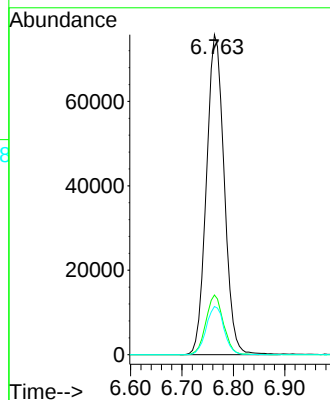
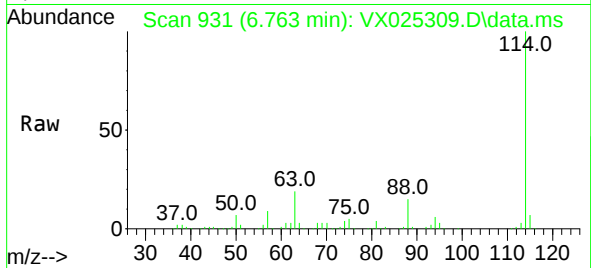




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

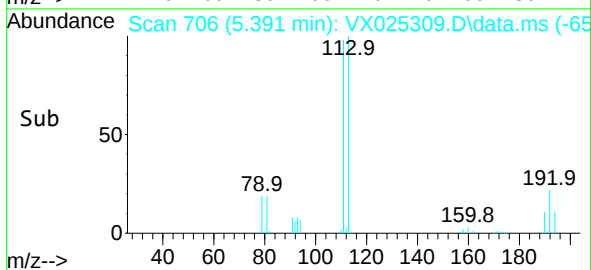
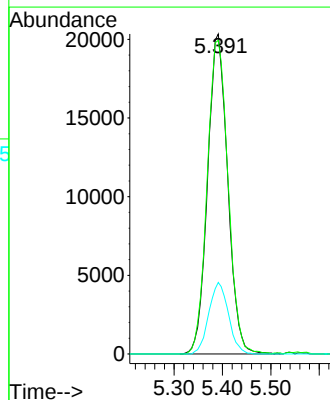
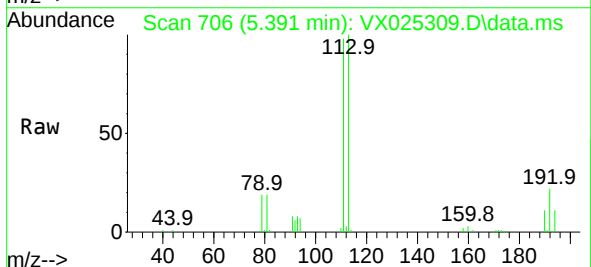
Instrument :
MSVOA_X
ClientSampleId :

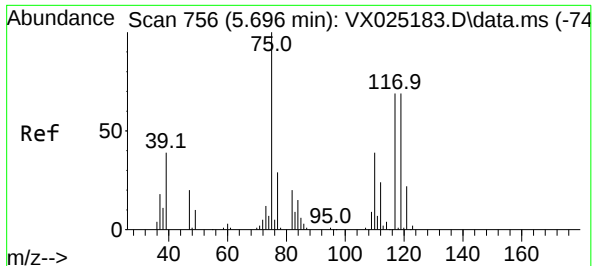
Tgt Ion:114 Resp: 182155
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.0
88 15.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.536 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

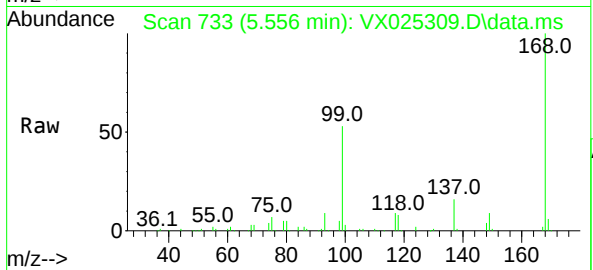
Tgt Ion:113 Resp: 58717
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 21.9 15.6 23.4



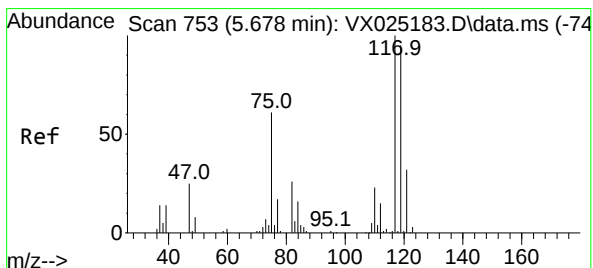
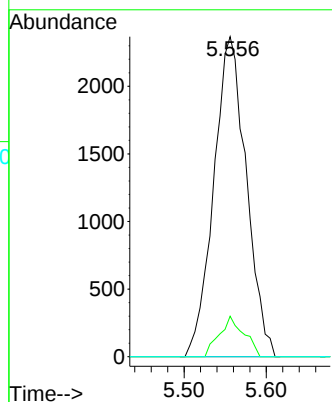
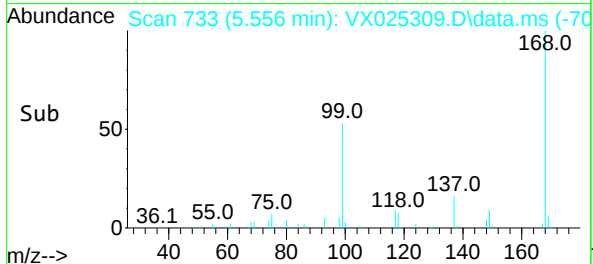


#36
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

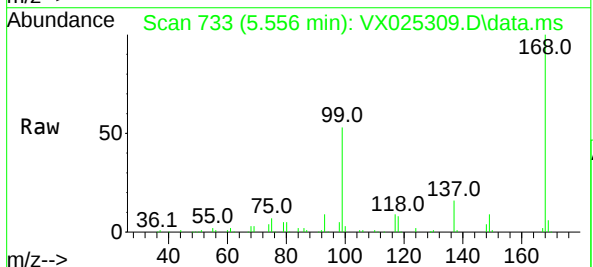
Instrument :
MSVOA_X
ClientSampleId :



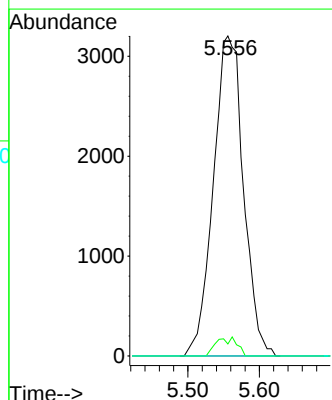
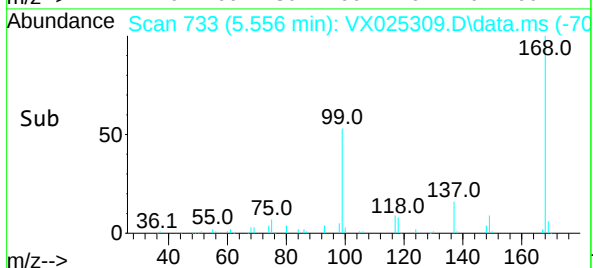
Tgt Ion: 75 Resp: 6506
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#

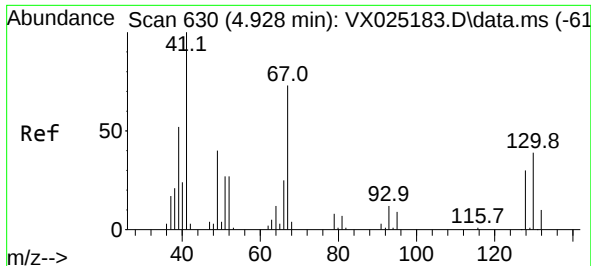


#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04



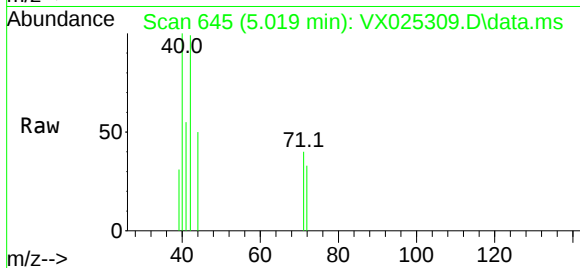
Tgt Ion: 117 Resp: 9381
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#



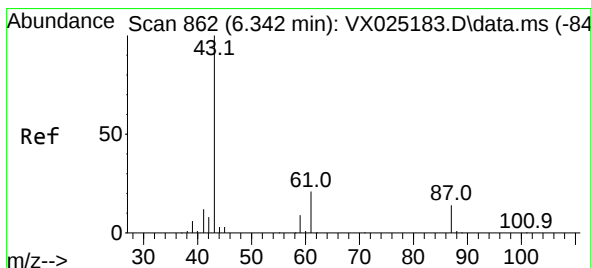
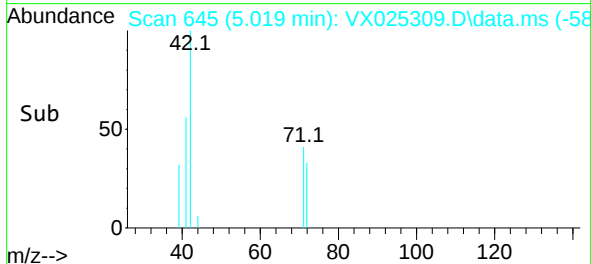
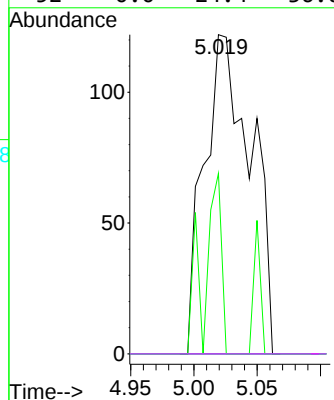


#41
Methacrylonitrile
Concen: 0.312 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Instrument :
MSVOA_X
ClientSampleId :

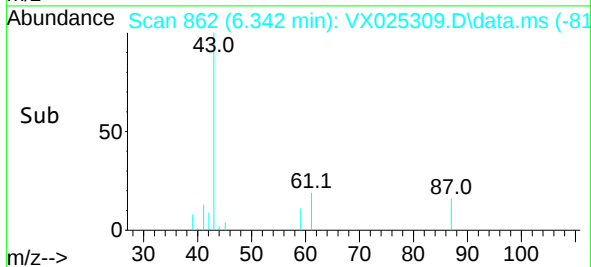
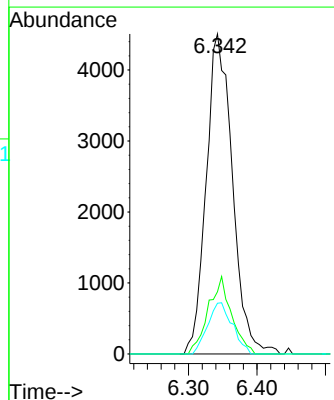
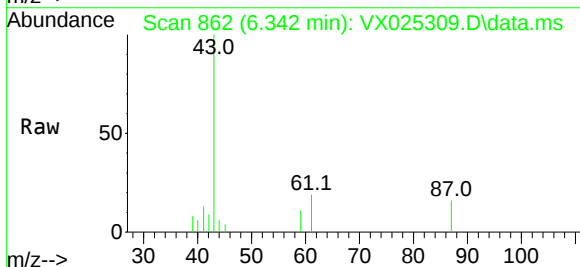


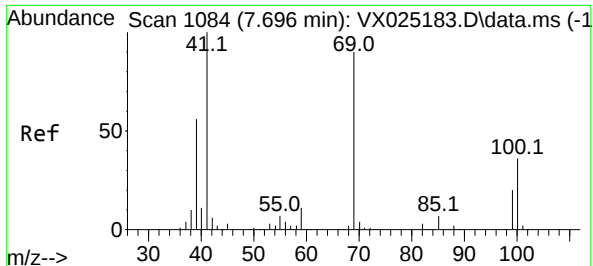
Tgt Ion: 41	Resp: 313
Ion Ratio	Lower Upper
41	100
39	20.8 44.6 67.0#
67	0.0 56.7 85.1#
52	0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.984 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 43	Resp: 11989
Ion Ratio	Lower Upper
43	100
61	21.5 15.3 22.9
87	15.1 10.9 16.3

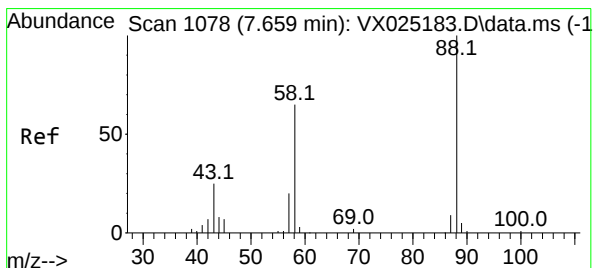
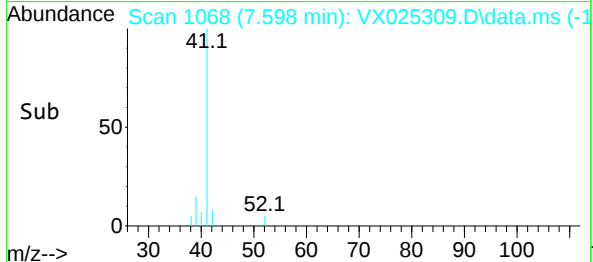
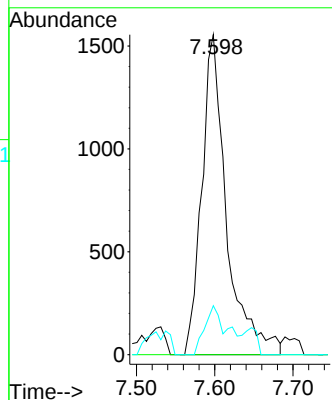
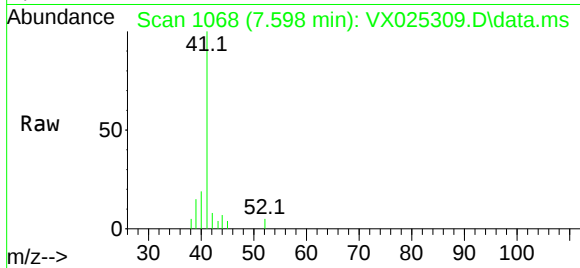




#48
Methyl methacrylate
Concen: 2.422 ug/l
RT: 7.598 min Scan# 1098
Delta R.T. -0.098 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

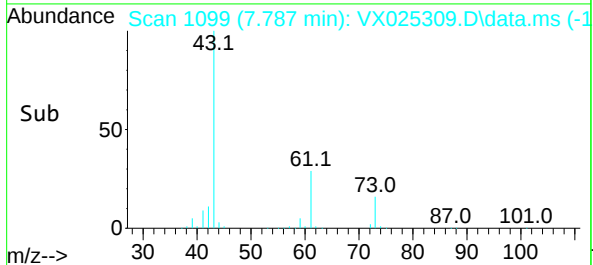
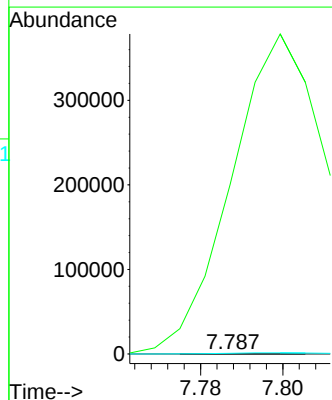
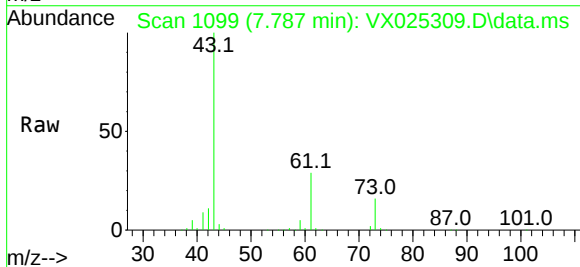
Instrument :
MSVOA_X
ClientSampleId :

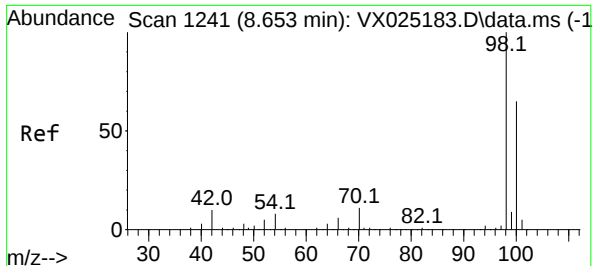
Tgt Ion: 41 Resp: 3420
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 0.0 46.9 70.3#



#49
1,4-Dioxane
Concen: 1.241 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.128 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 1726754.1 27.0 40.6#
58 6637.8 55.2 82.8#

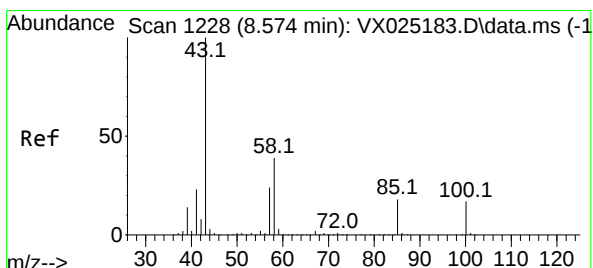
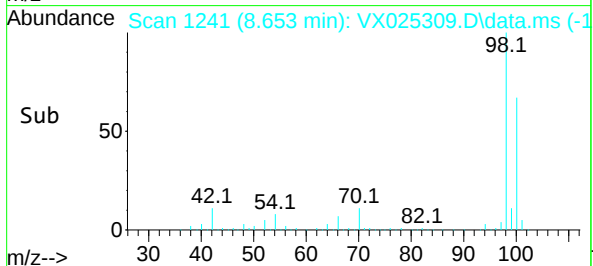
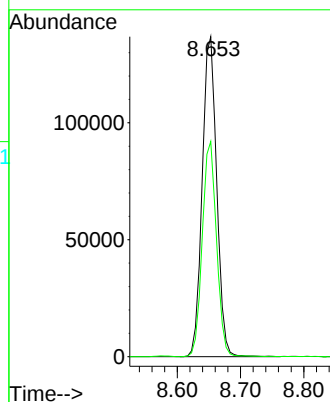
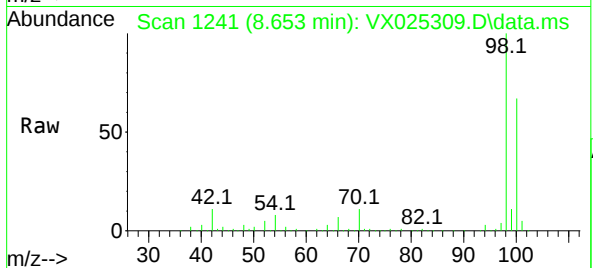




#50
Toluene-d8
Concen: 51.938 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

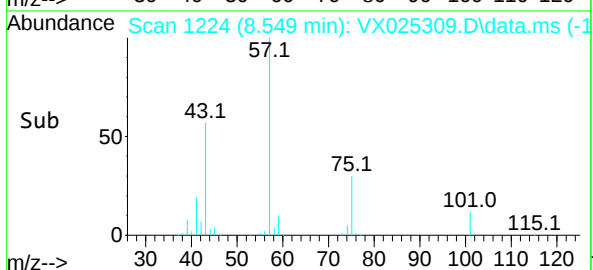
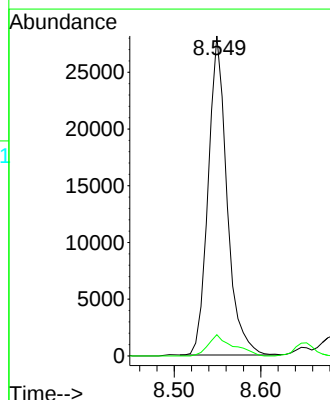
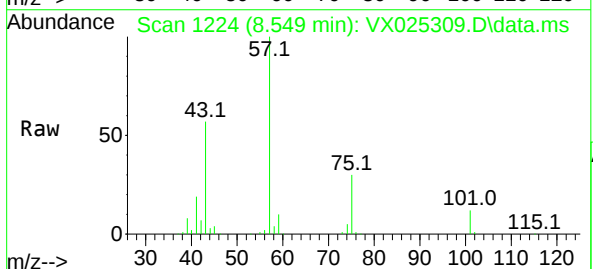
Instrument :
MSVOA_X
ClientSampleId :

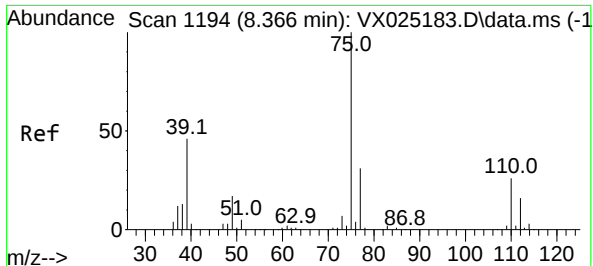
Tgt Ion: 98 Resp: 218254
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 22.531 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion: 43 Resp: 42514
Ion Ratio Lower Upper
43 100
58 8.7 30.9 46.3

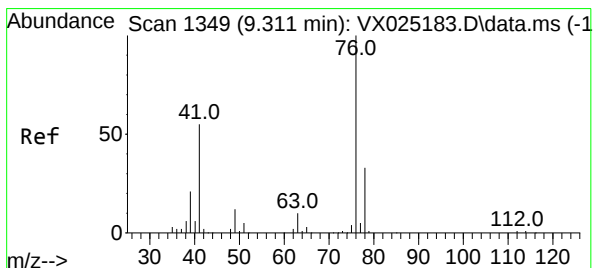
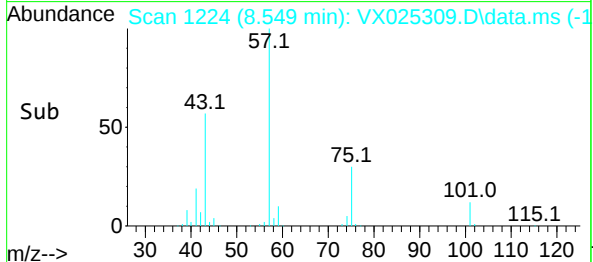
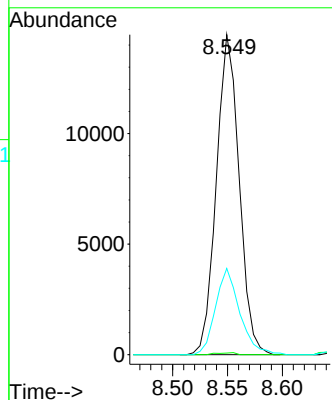
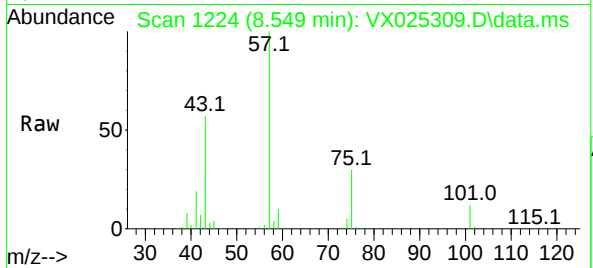




#54
 cis-1,3-Dichloropropene
 Concen: 10.298 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX025309.D
 Acq: 24 Nov 2021 05:04

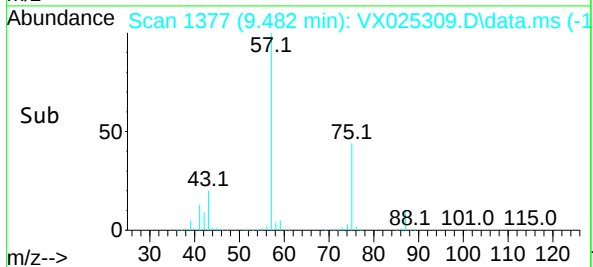
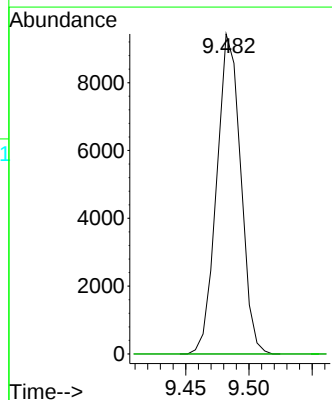
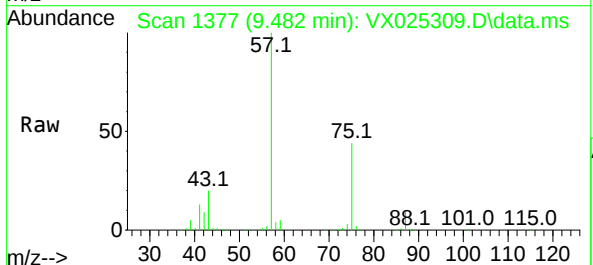
Instrument :
 MSVOA_X
 ClientSampleId :

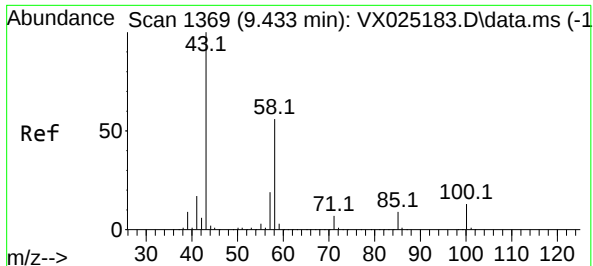
Tgt Ion: 75 Resp: 20939
 Ion Ratio Lower Upper
 75 100
 77 0.5 23.8 35.8#
 39 26.9 38.8 58.2#



#57
 1,3-Dichloropropane
 Concen: 6.006 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX025309.D
 Acq: 24 Nov 2021 05:04

Tgt Ion: 76 Resp: 12436
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 105.935 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX025309.D

Acq: 24 Nov 2021 05:04

Instrument :

MSVOA_X

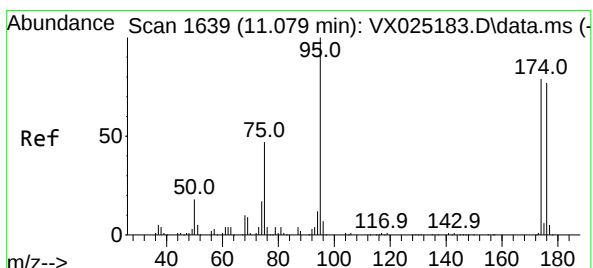
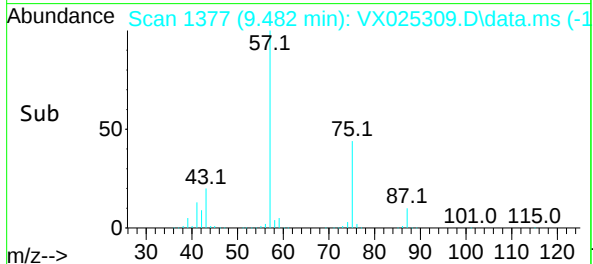
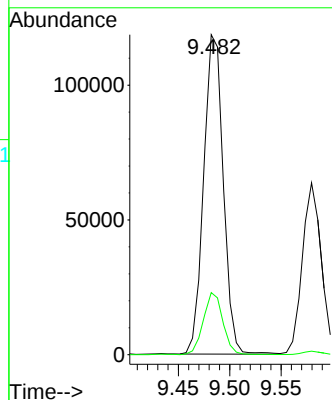
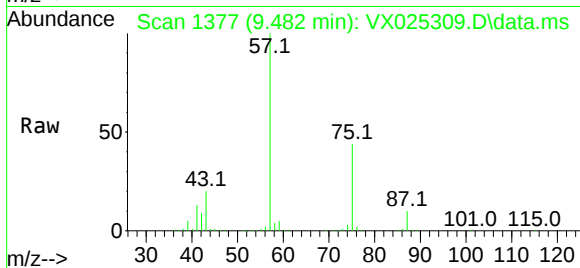
ClientSampleId :

Tgt Ion: 43 Resp: 157586

Ion Ratio Lower Upper

43 100

58 19.4 26.6 79.7#



#62

4-Bromofluorobenzene

Concen: 51.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025309.D

Acq: 24 Nov 2021 05:04

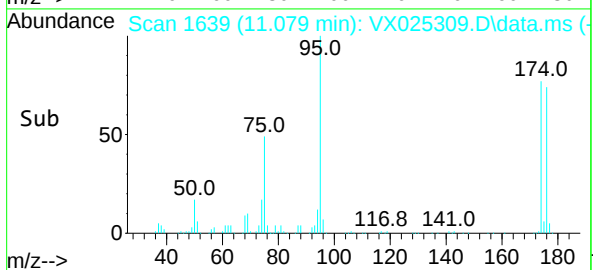
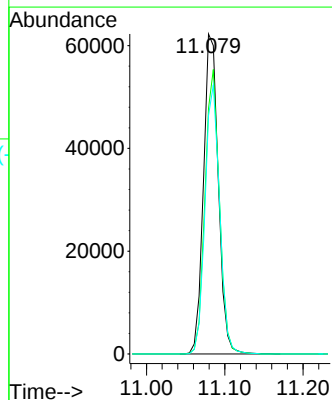
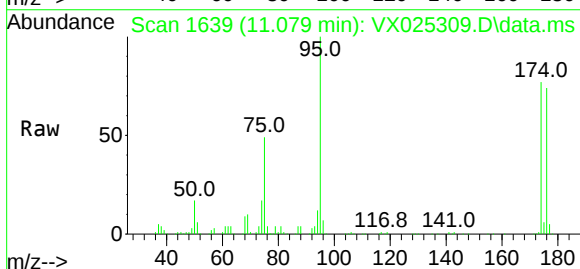
Tgt Ion: 95 Resp: 81773

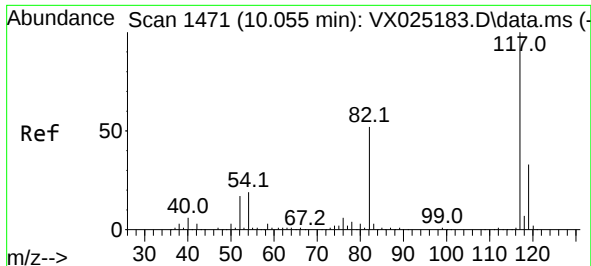
Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.0

176 83.0 0.0 153.6

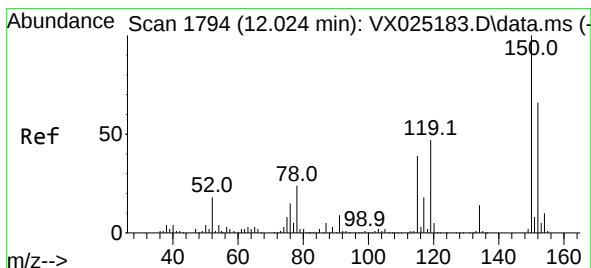
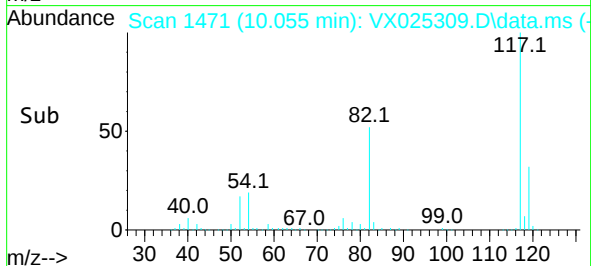
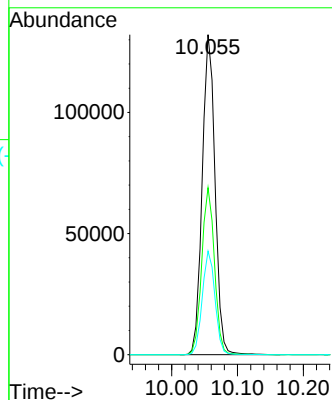
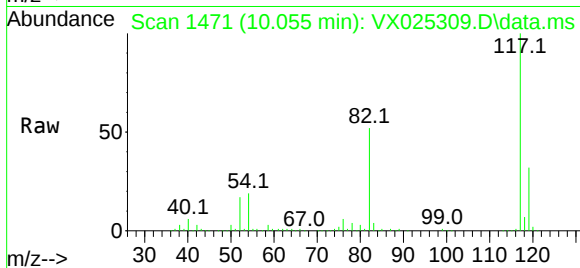




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

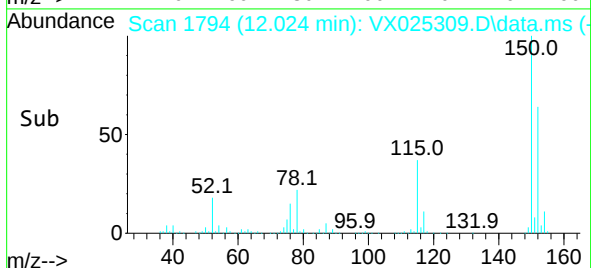
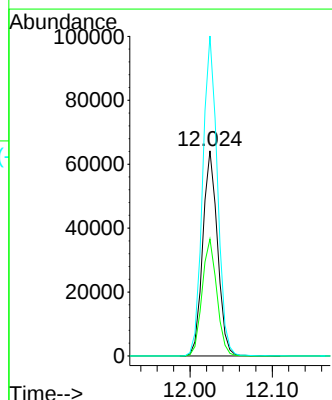
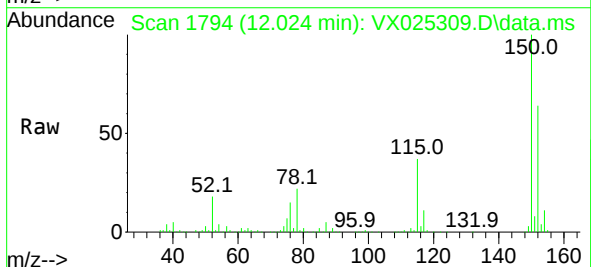
Instrument :
MSVOA_X
ClientSampleId :

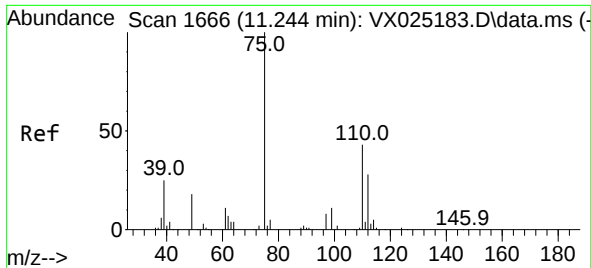
Tgt Ion:117 Resp: 178933
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion:152 Resp: 79860
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.8
150 156.1 0.0 351.2

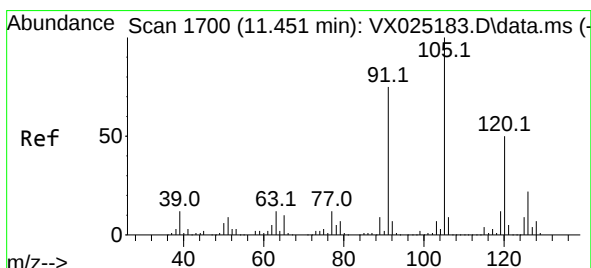
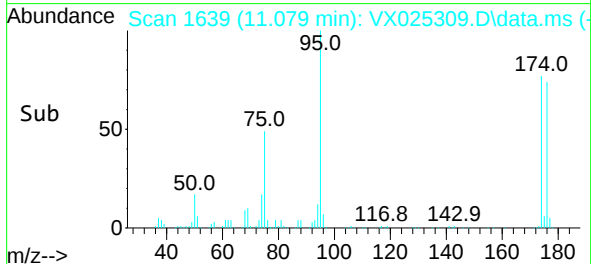
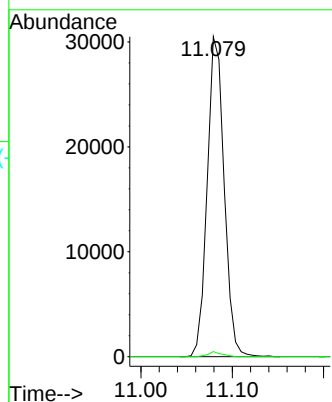
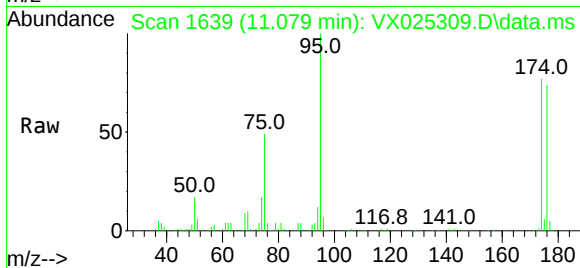




#76
1,2,3-Trichloropropane
Concen: 24.003 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

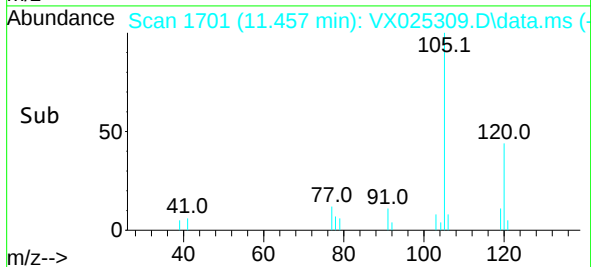
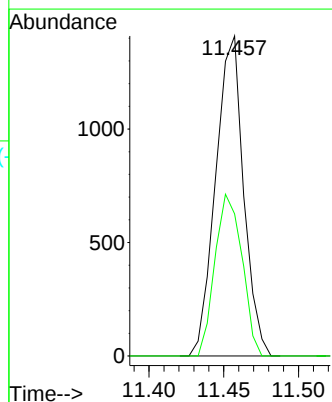
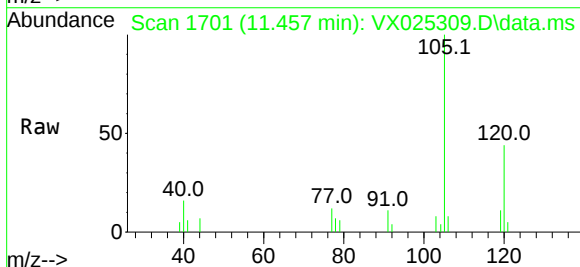
Instrument :
MSVOA_X
ClientSampleId :

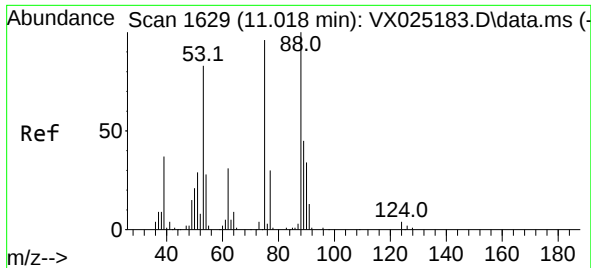
Tgt Ion: 75 Resp: 39254
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.383 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion:105 Resp: 1832
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.5

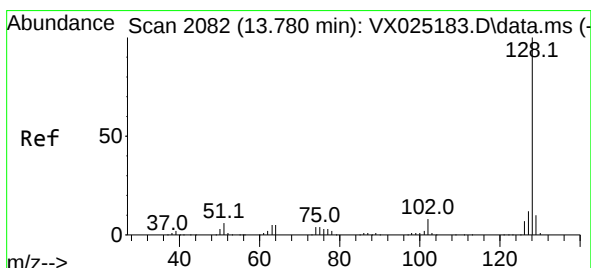
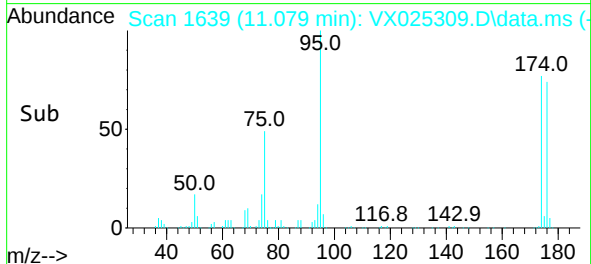
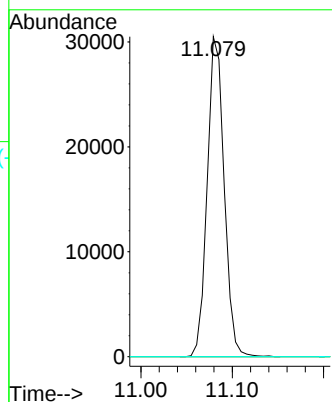
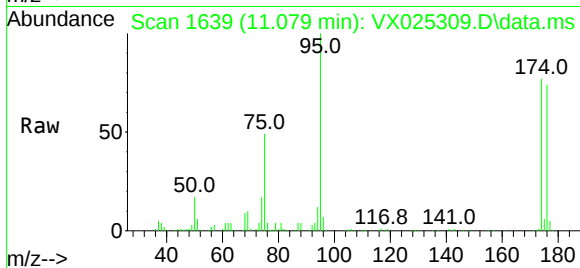




#81
trans-1,4-Dichloro-2-butene
Concen: 60.468 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 39254
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# 2082
Delta R.T. -0.000 min
Lab File: VX025309.D
Acq: 24 Nov 2021 05:04

Tgt Ion:128 Resp: 123
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

