

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033891.D
 Acq On : 25 Jan 2023 16:34
 Operator : JC/MD
 Sample : 01308-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:01:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

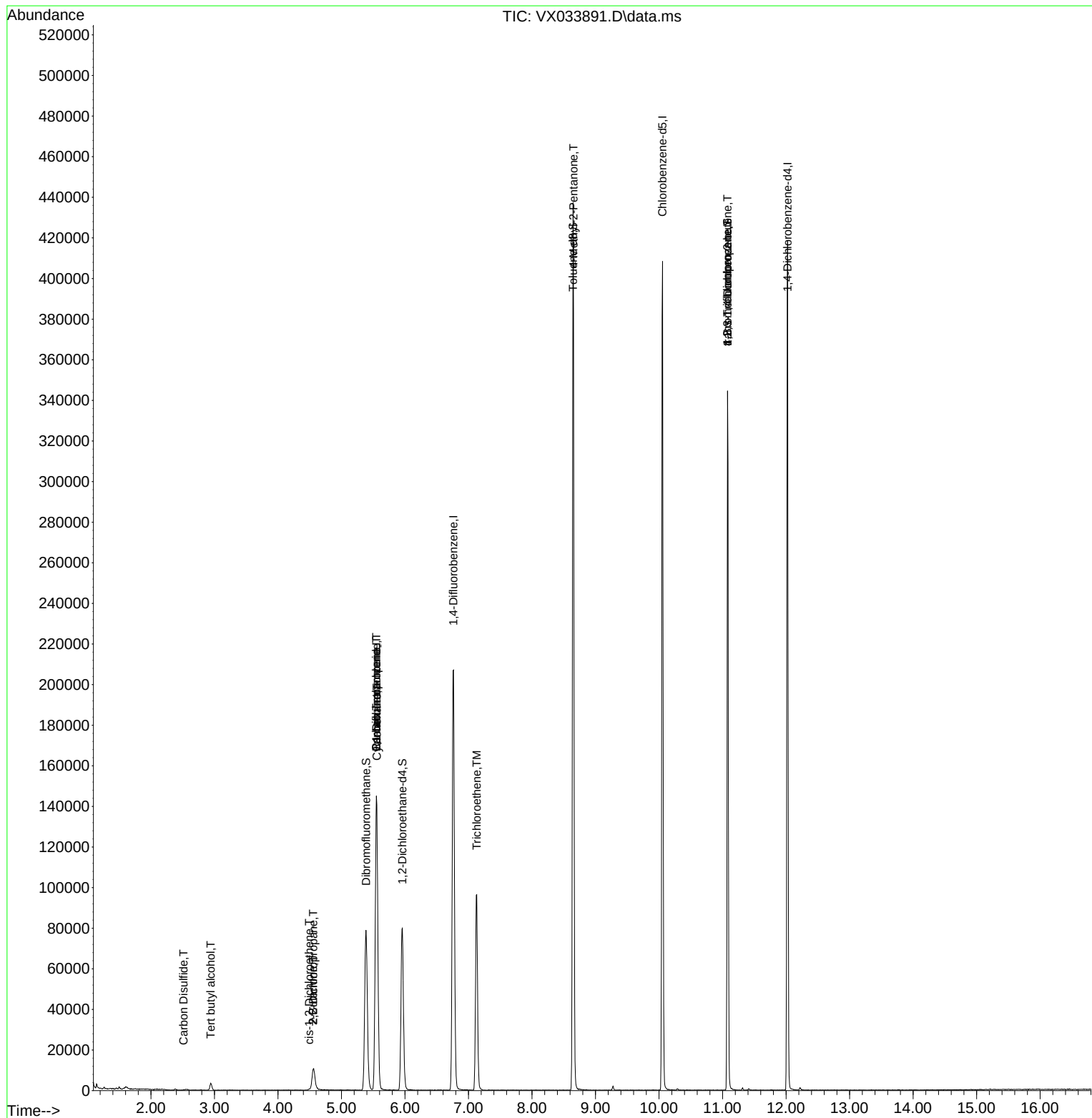
Internal Standards						
1) Pentafluorobenzene	5.550	168	158265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76862	46.125	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.385	113	70572	49.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	8.647	98	261704	50.225	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	89489	46.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2117	7.313	ug/l #	86
16) Acetone	2.380	43	643	Below Cal		97
17) Carbon Disulfide	2.514	76	281	1.905	ug/l #	76
20) Methylene Chloride	2.776	84	54	Below Cal	#	37
25) 2-Butanone	4.550	43	717	0.659	ug/l #	51
26) 2,2-Dichloropropane	4.556	77	822	0.429	ug/l #	52
27) cis-1,2-Dichloroethene	4.489	96	348	0.201	ug/l	82
31) Cyclohexane	5.556	56	2392	0.975	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9550	4.576	ug/l #	48
37) Ethyl Acetate	4.550	43	717	Below Cal	#	8
38) Carbon Tetrachloride	5.550	117	13605	6.294	ug/l #	14
44) Trichloroethene	7.129	130	41328	24.294	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1039	0.513	ug/l #	1
64) Tetrachloroethene	9.281	164	74	Below Cal	#	74
73) Isopropylbenzene	11.079	105	111	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41663	22.732	ug/l #	34
79) 2-Chlorotoluene	11.311	91	67	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41663	70.649	ug/l #	8
82) 4-Chlorotoluene	11.457	91	52	Below Cal	#	43

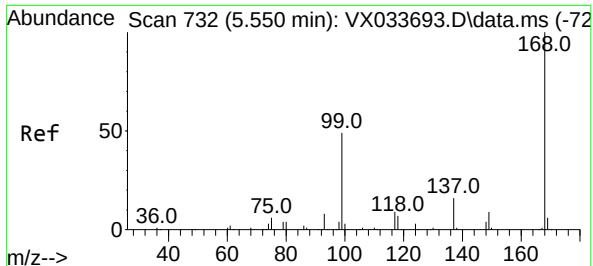
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

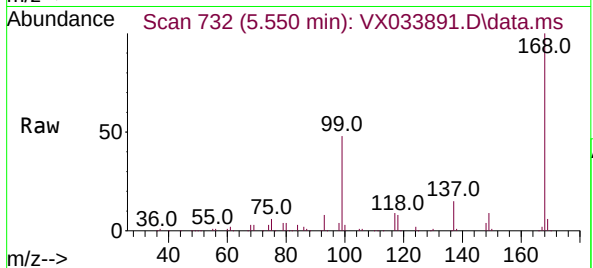
Quant Time: Jan 26 06:01:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



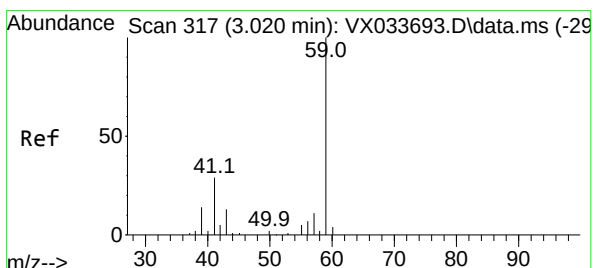
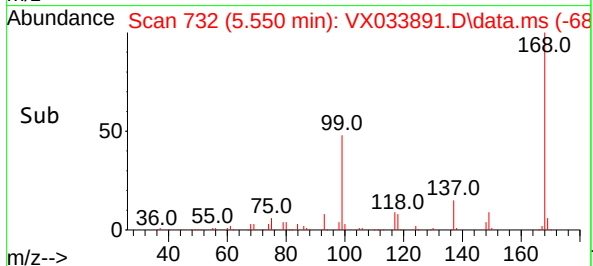
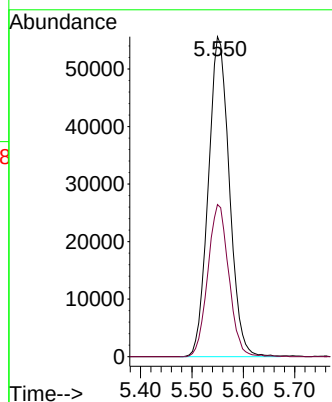


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

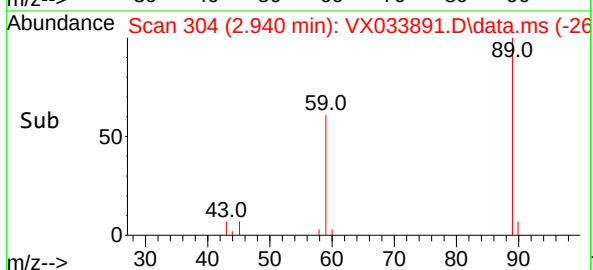
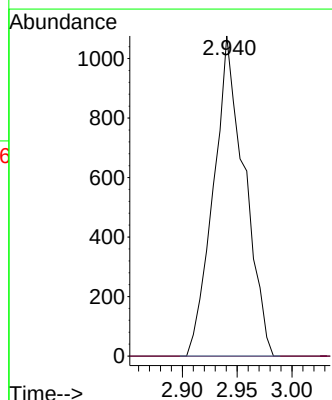
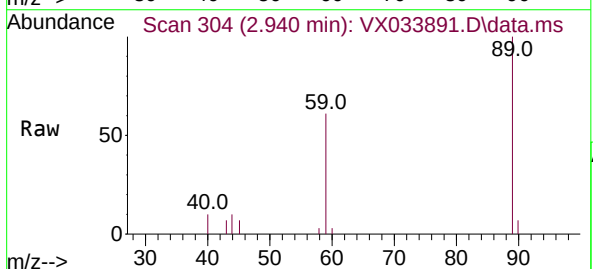


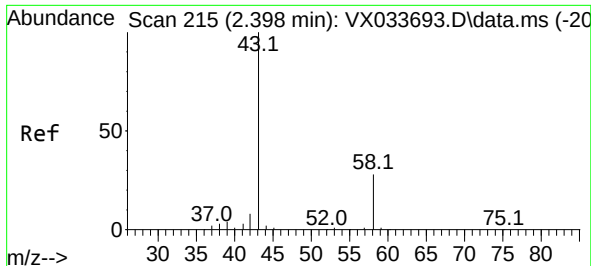
Tgt Ion:168 Resp: 158265
Ion Ratio Lower Upper
168 100
99 47.6 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.313 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 59 Resp: 2117
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

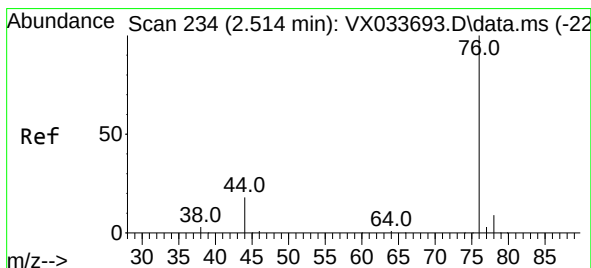
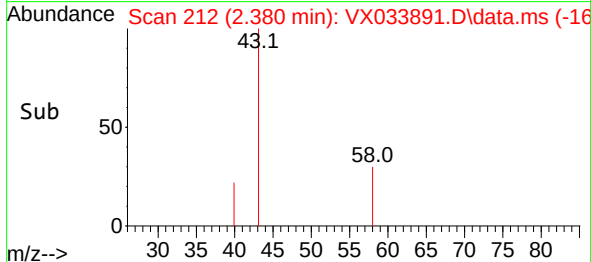
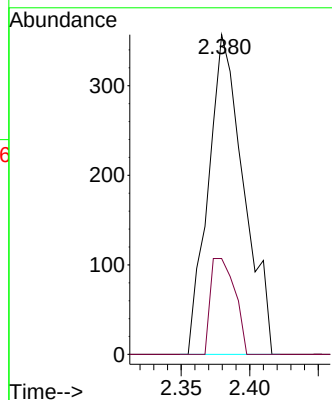
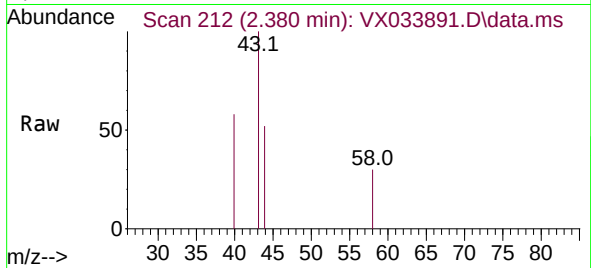




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

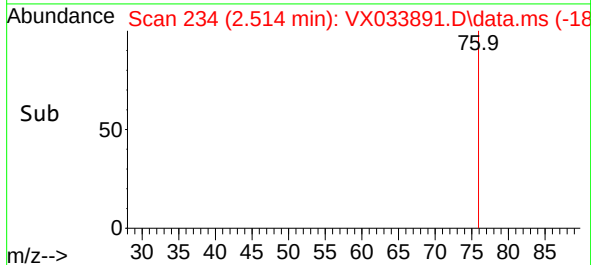
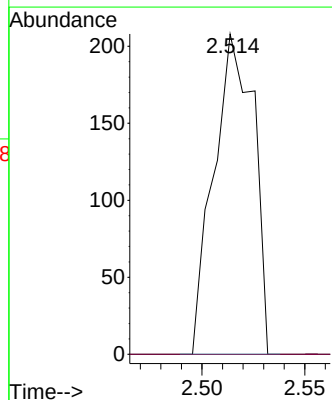
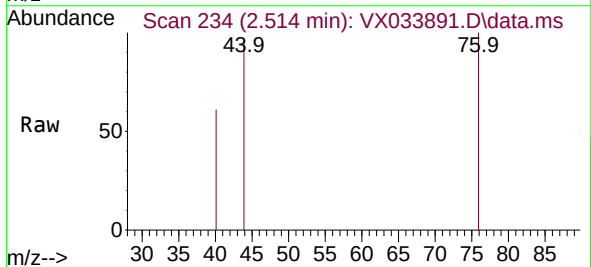
Instrument :
MSVOA_X
ClientSampleId :

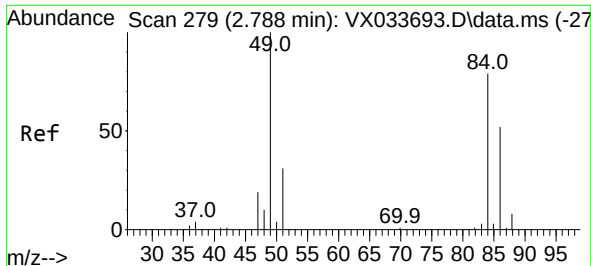
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8



#17
Carbon Disulfide
Concen: 1.905 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

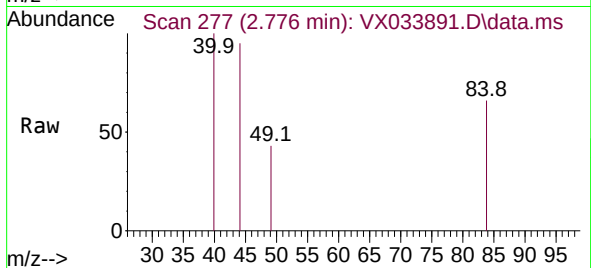
Tgt Ion: 76 Resp: 281
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



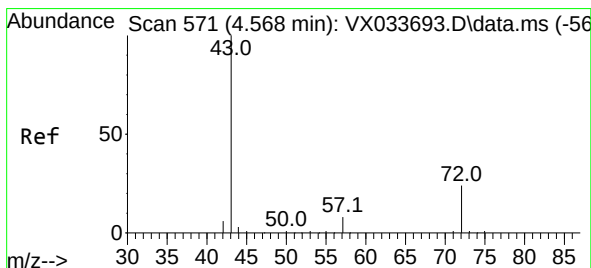
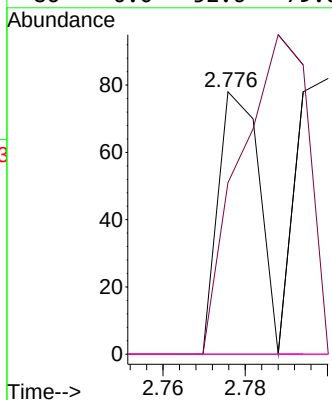


#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

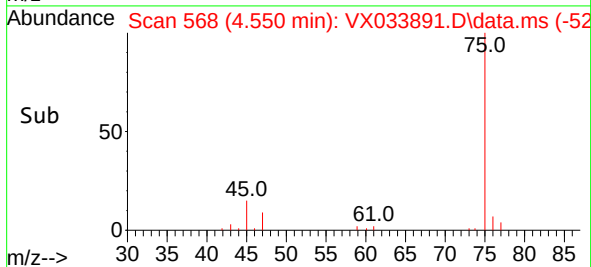
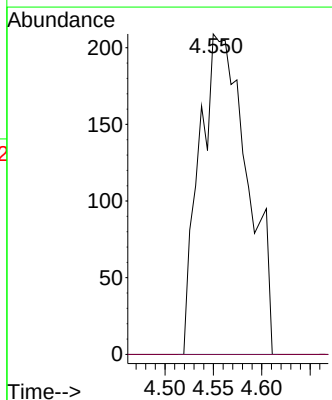
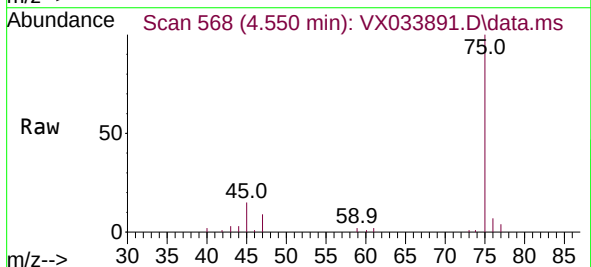


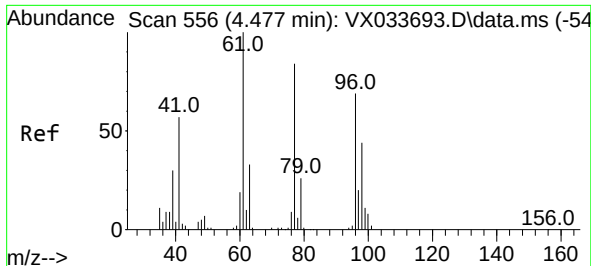
Tgt Ion: 84	Resp: 54
Ion Ratio	Lower Upper
84 100	
49 65.4	101.1 151.7#
51 0.0	31.0 46.6#
86 0.0	52.6 79.0#



#25
2-Butanone
Concen: 0.659 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.018 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 43	Resp: 717		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	





#26

2,2-Dichloropropane

Concen: 0.429 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.079 min

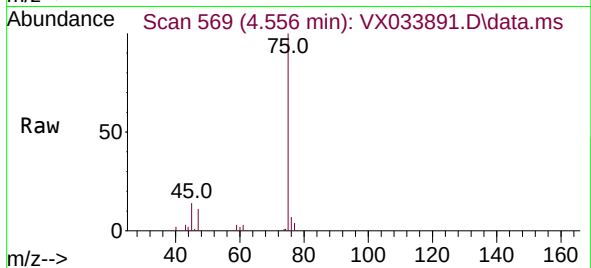
Lab File: VX033891.D

Acq: 25 Jan 2023 16:34

Instrument :

MSVOA_X

ClientSampleId :

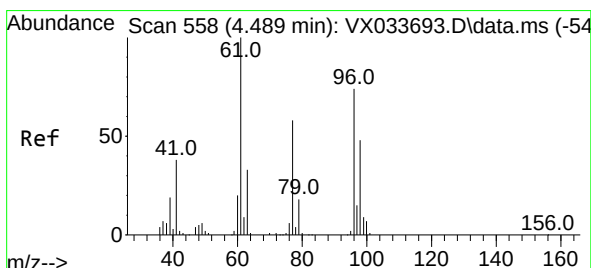
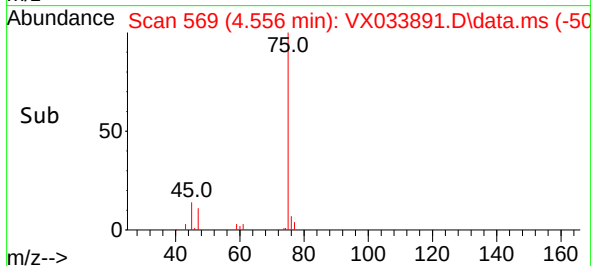
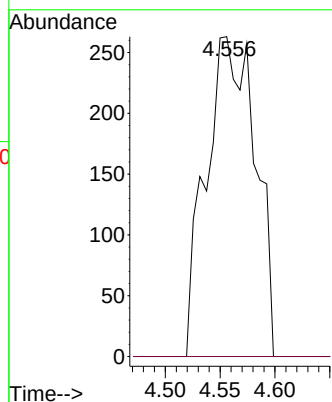


Tgt Ion: 77 Resp: 822

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



#27

cis-1,2-Dichloroethene

Concen: 0.201 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033891.D

Acq: 25 Jan 2023 16:34

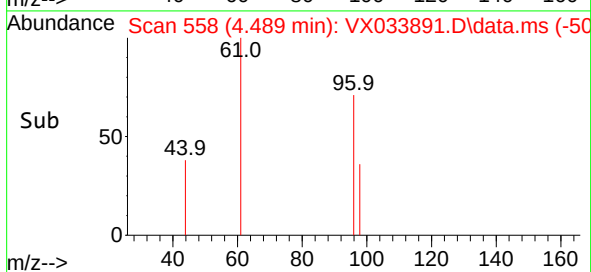
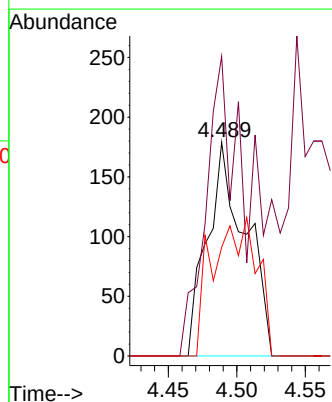
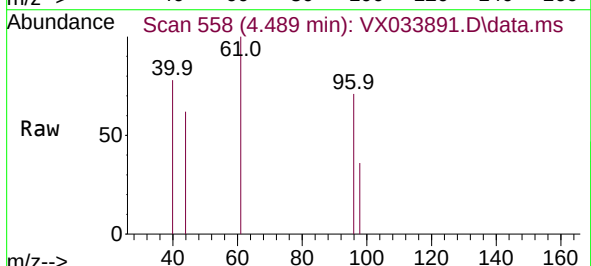
Tgt Ion: 96 Resp: 348

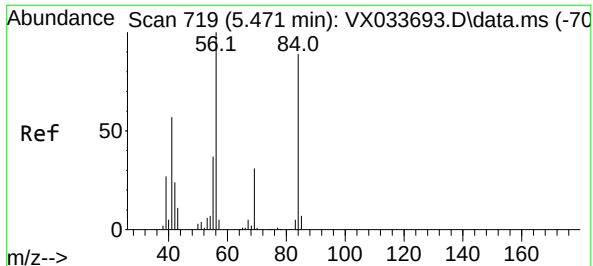
Ion Ratio Lower Upper

96 100

61 115.5 0.0 277.6

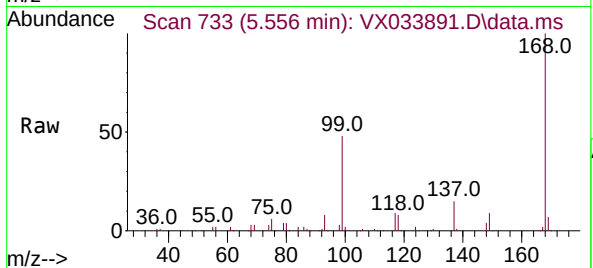
98 75.0 0.0 128.0



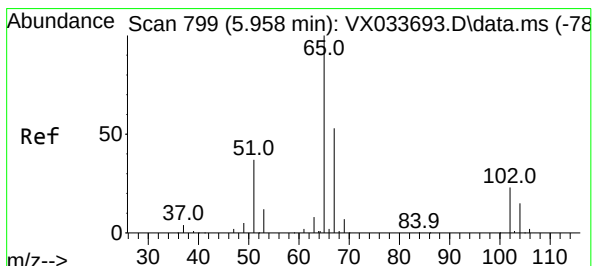
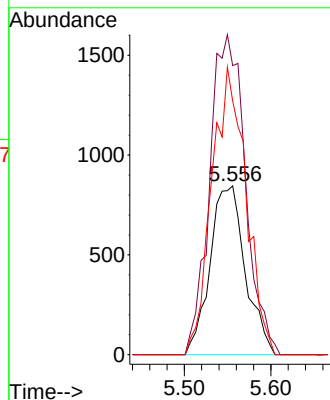
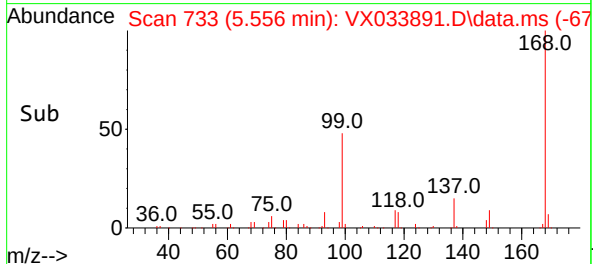


#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

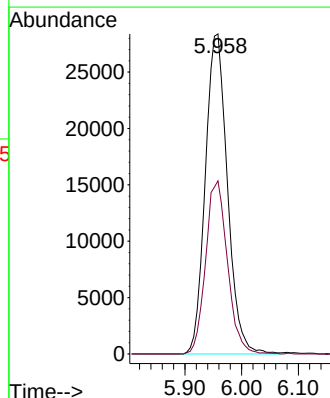
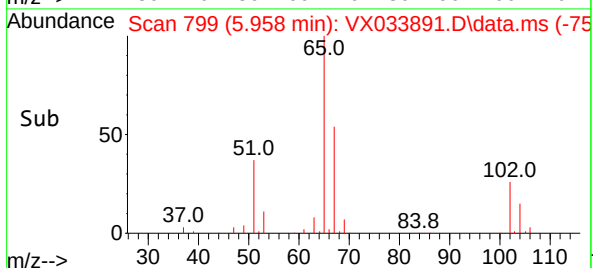
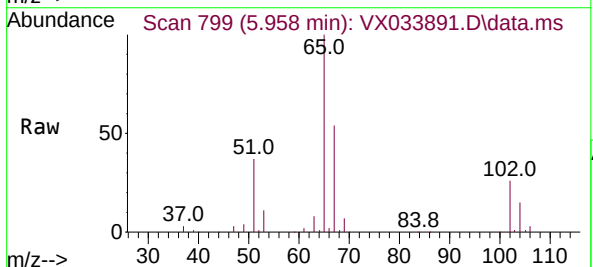


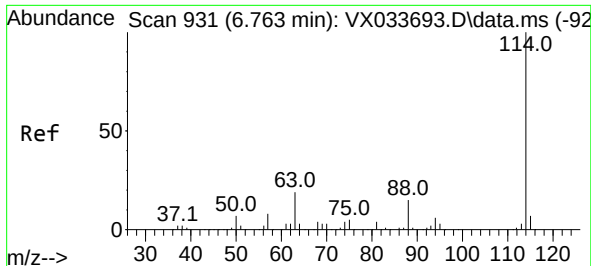
Tgt Ion: 56 Resp: 2392
Ion Ratio Lower Upper
56 100
69 171.2 24.6 37.0#
84 150.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.125 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 65 Resp: 76862
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

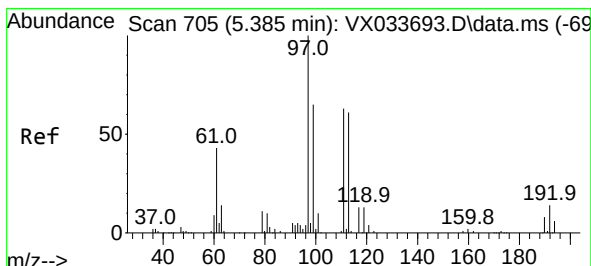
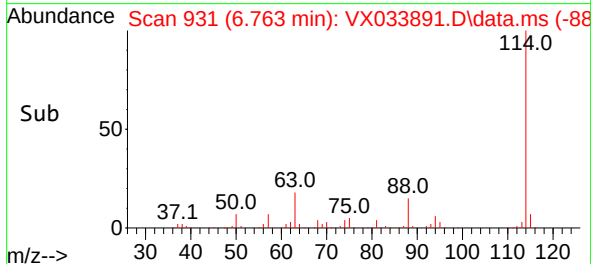
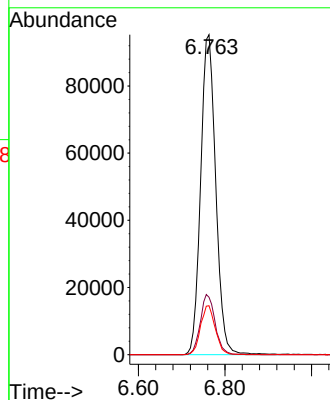
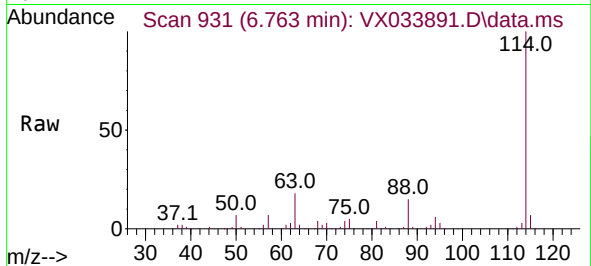




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

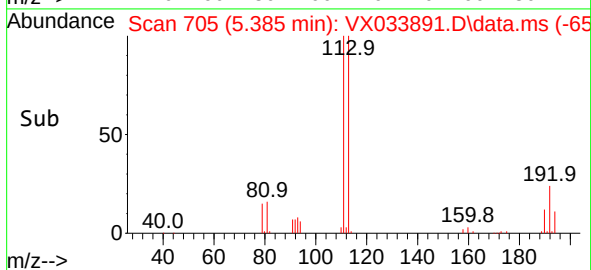
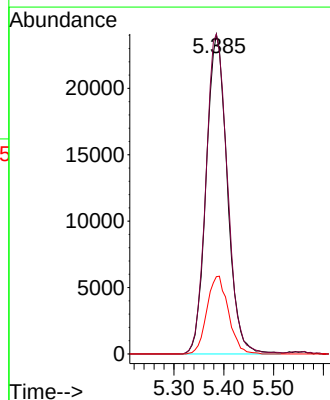
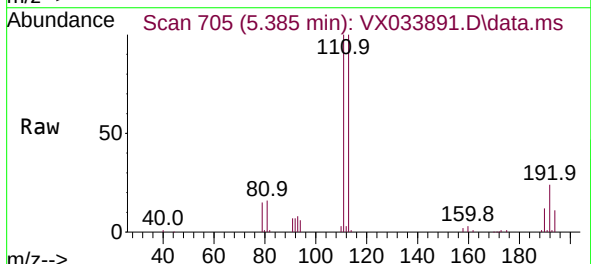
Instrument :
MSVOA_X
ClientSampleId :

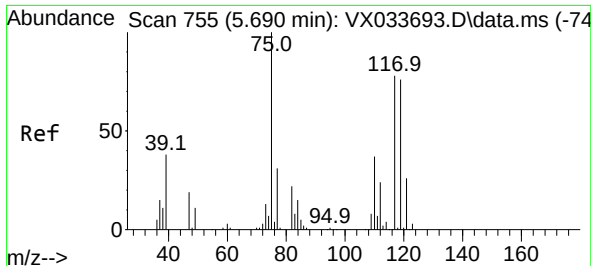
Tgt Ion:114 Resp: 230309
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.348 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

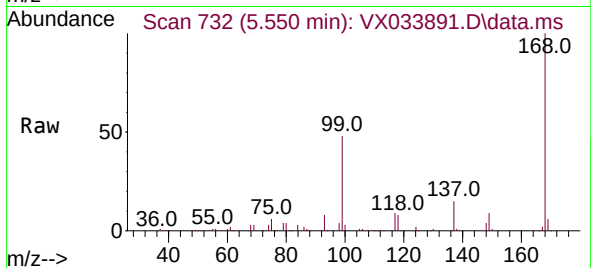
Tgt Ion:113 Resp: 70572
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 24.8 19.0 28.4



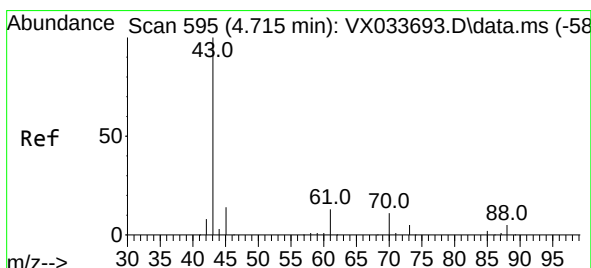
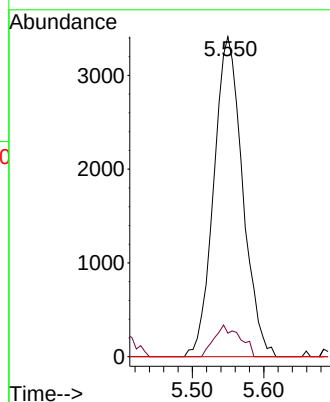
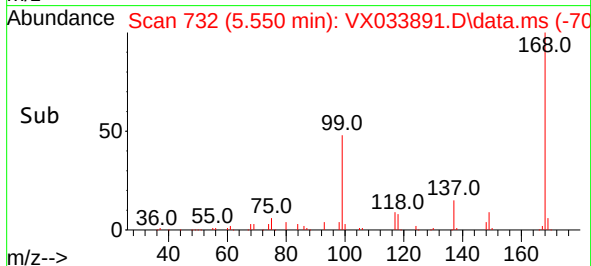


#36
1,1-Dichloropropene
Concen: 4.576 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

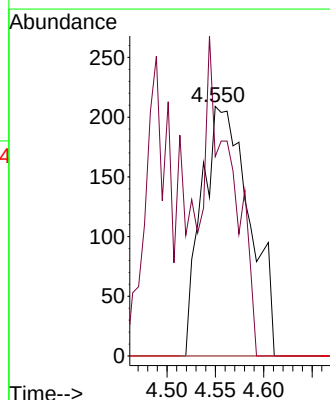
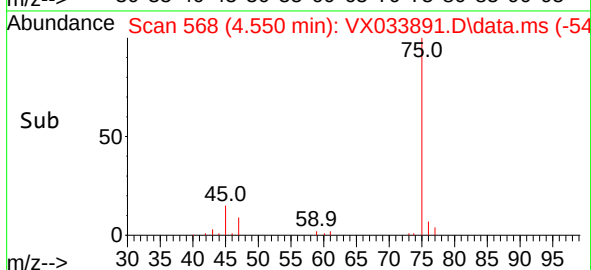
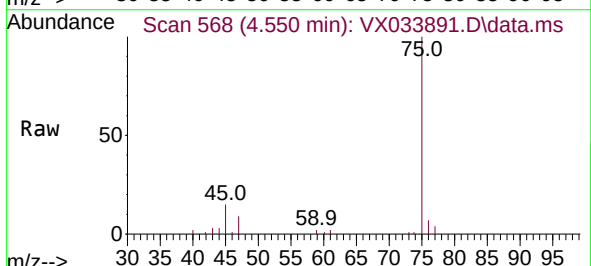


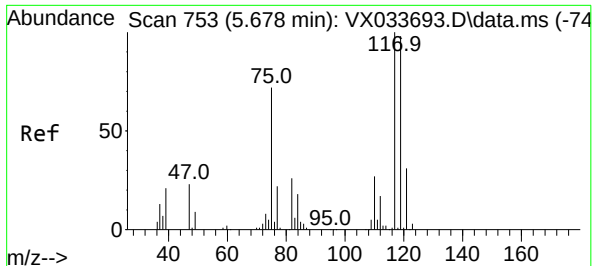
Tgt Ion: 75 Resp: 9550
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.550 min Scan# 568
Delta R.T. -0.165 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

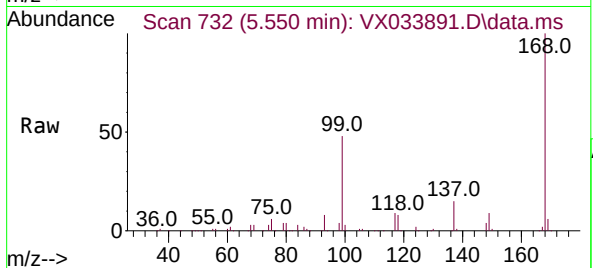
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
61 70.9 11.1 16.7#
70 0.0 8.5 12.7#



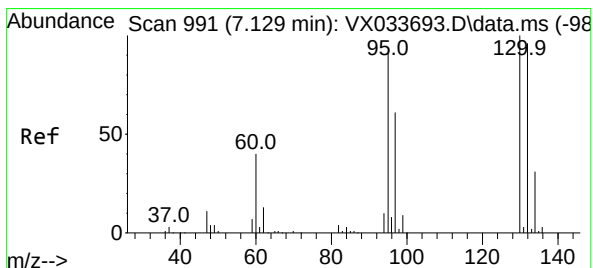
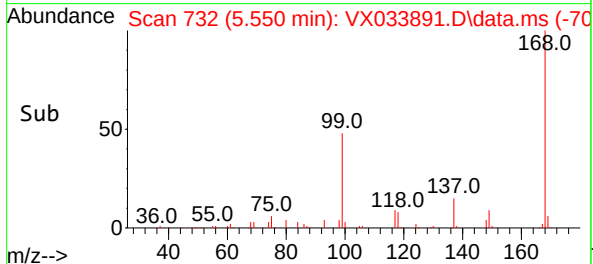
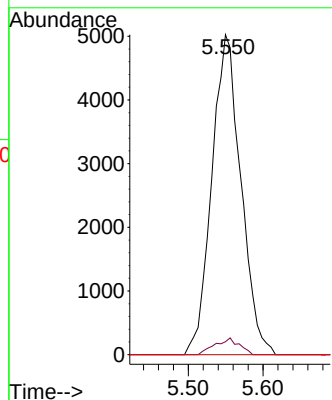


#38
Carbon Tetrachloride
Concen: 6.294 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

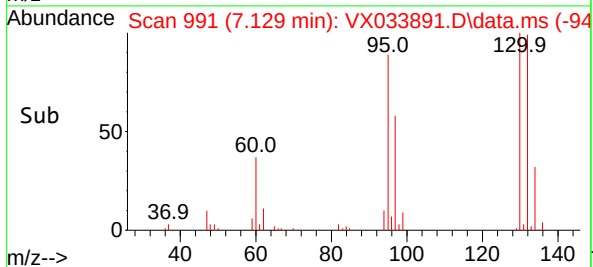
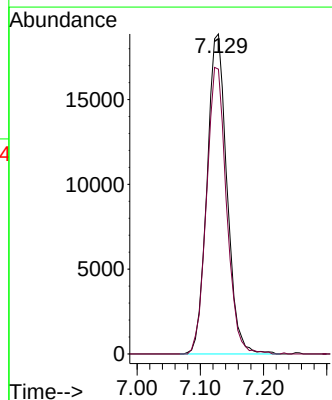
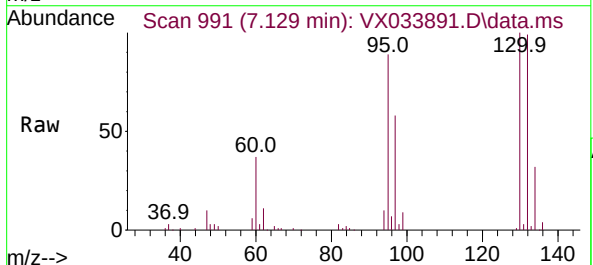


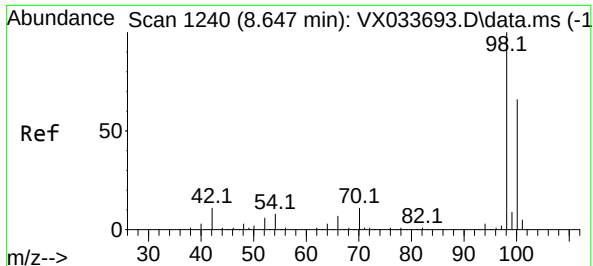
Tgt Ion:117 Resp: 13605
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 24.294 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion:130 Resp: 41328
Ion Ratio Lower Upper
130 100
95 89.0 0.0 182.6

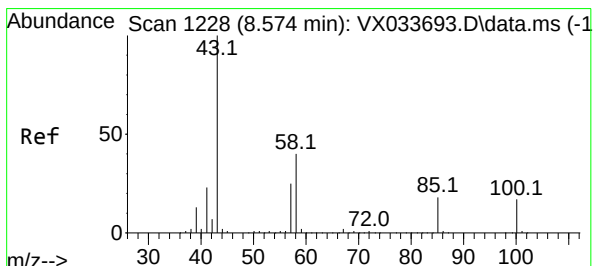
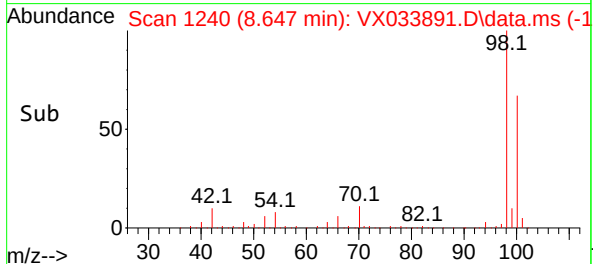
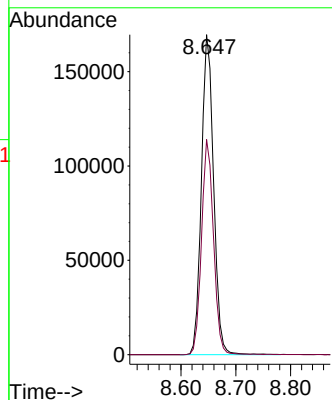
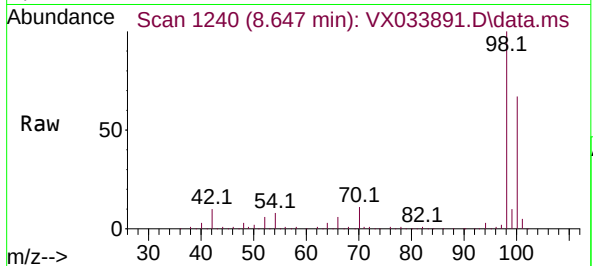




#50
Toluene-d8
Concen: 50.225 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

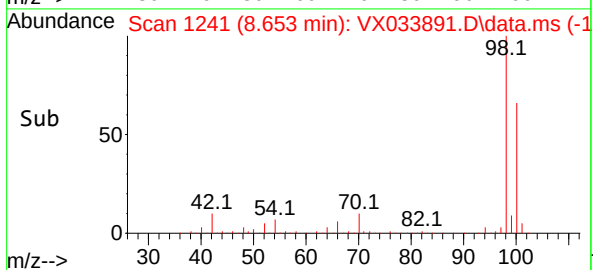
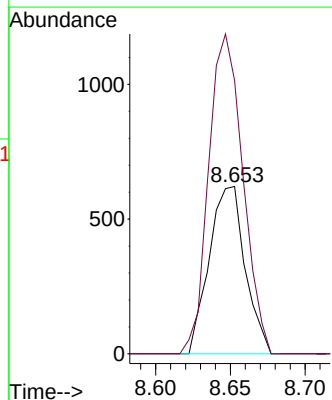
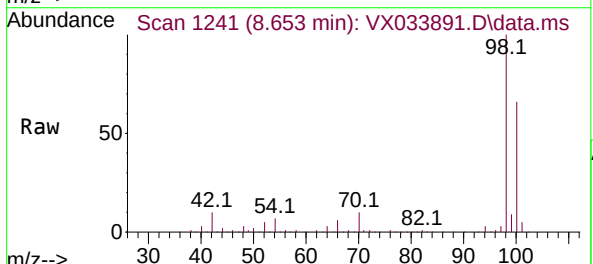
Instrument :
MSVOA_X
ClientSampleId :

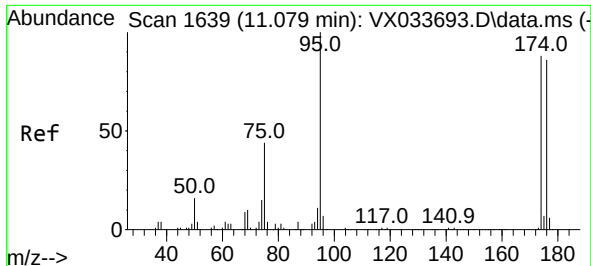
Tgt Ion: 98 Resp: 261704
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 181.8 31.2 46.8#

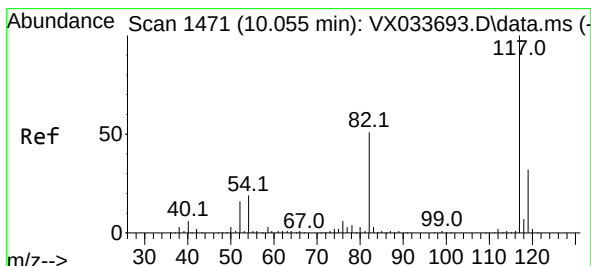
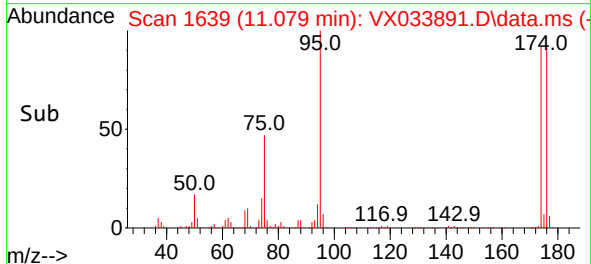
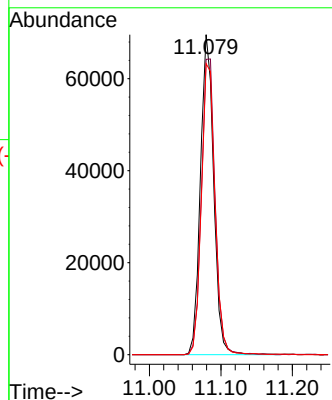
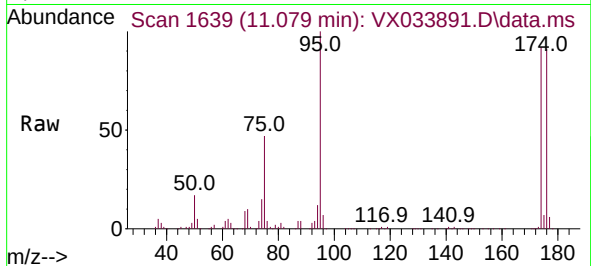




#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

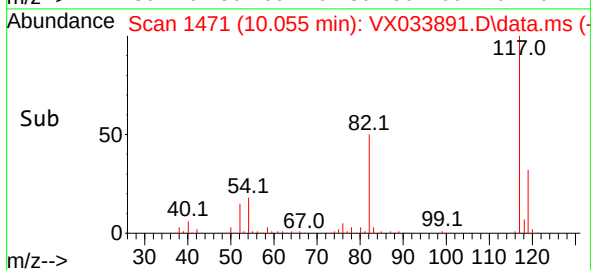
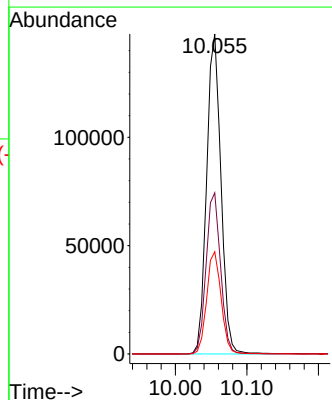
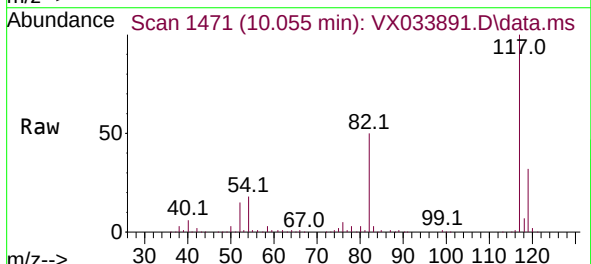
Instrument :
MSVOA_X
ClientSampleId :

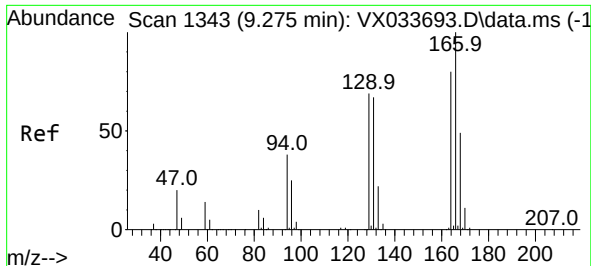
Tgt Ion: 95 Resp: 89489
Ion Ratio Lower Upper
95 100
174 96.0 0.0 184.4
176 93.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

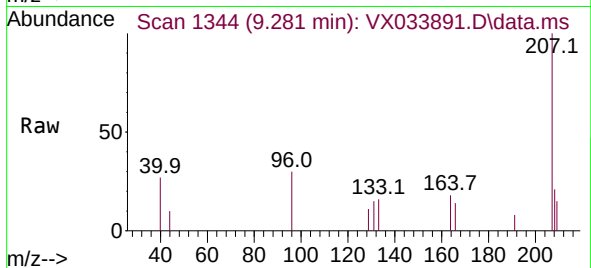
Tgt Ion: 117 Resp: 205459
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.0 25.6 38.4



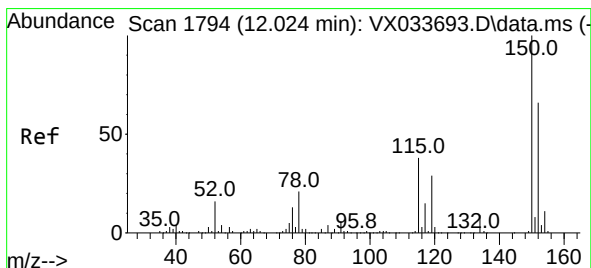
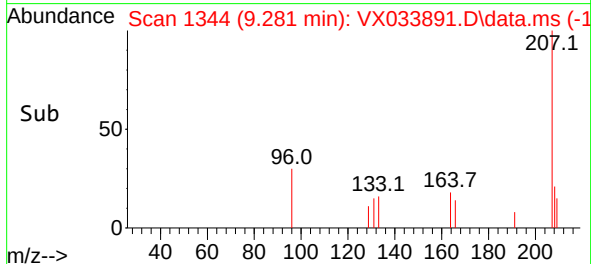
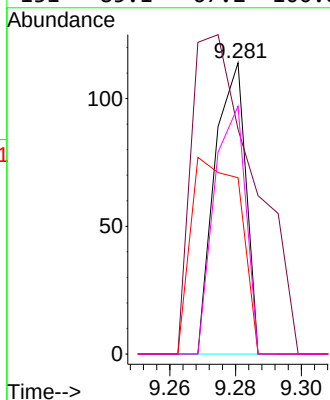


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

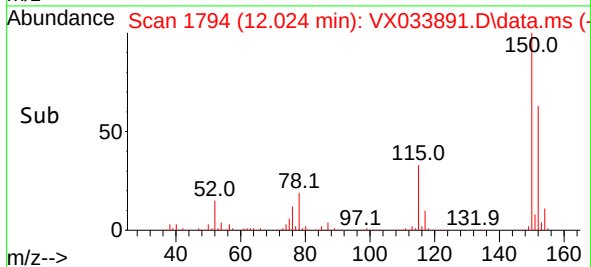
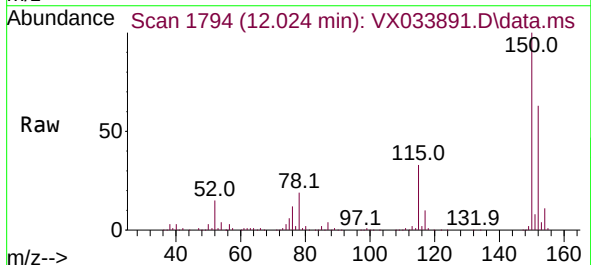
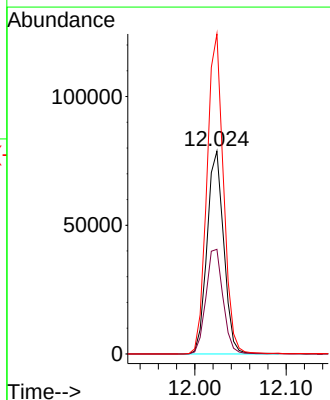


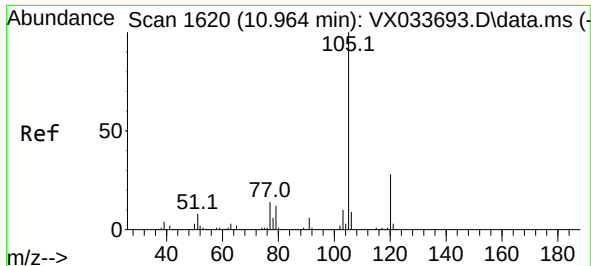
Tgt Ion:164 Resp: 74
Ion Ratio Lower Upper
164 100
166 77.2 100.2 150.2#
129 60.5 69.2 103.8#
131 85.1 67.2 100.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Tgt Ion:152 Resp: 99751
Ion Ratio Lower Upper
152 100
115 53.0 38.7 116.1
150 156.7 0.0 348.2

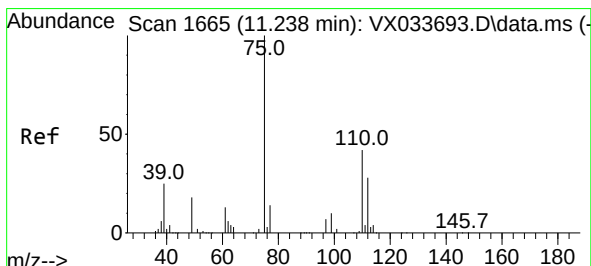
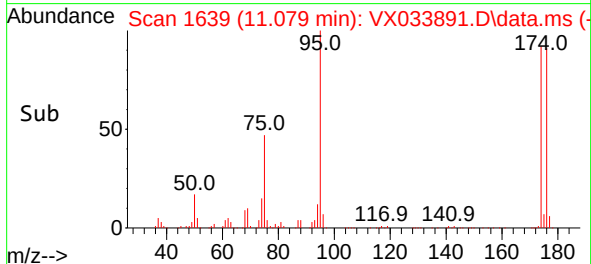
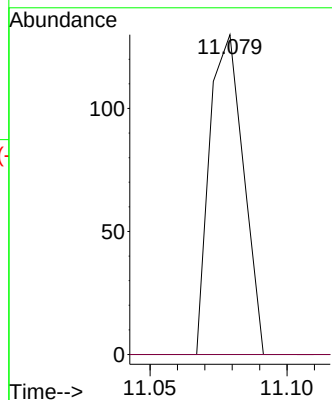
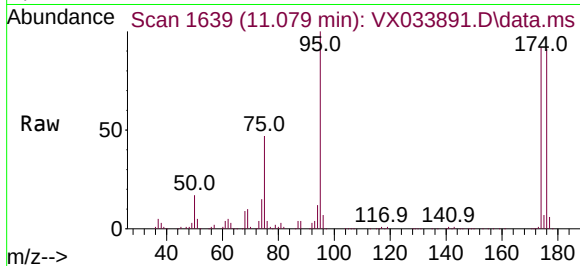




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

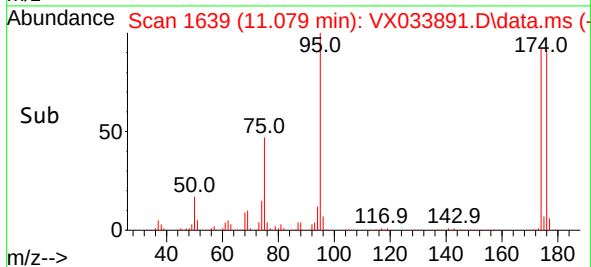
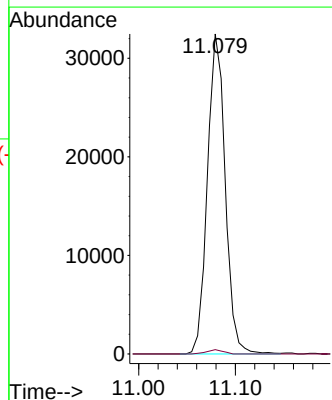
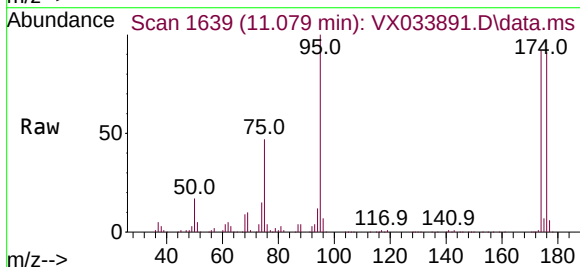
Instrument :
MSVOA_X
ClientSampleId :

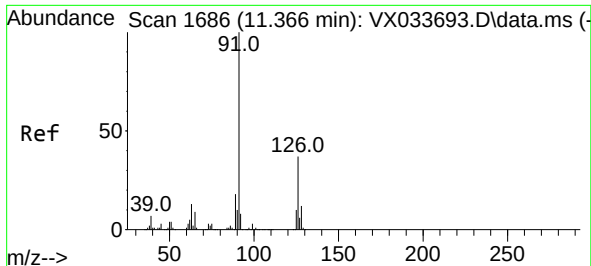
Tgt Ion:105 Resp: 111
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 22.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

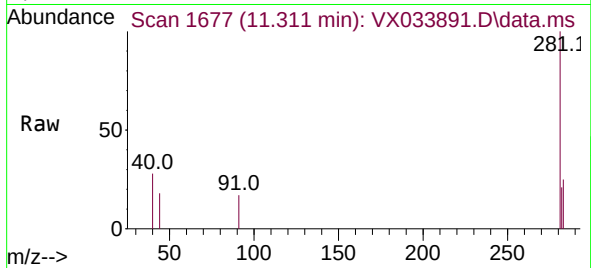
Tgt Ion: 75 Resp: 41663
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



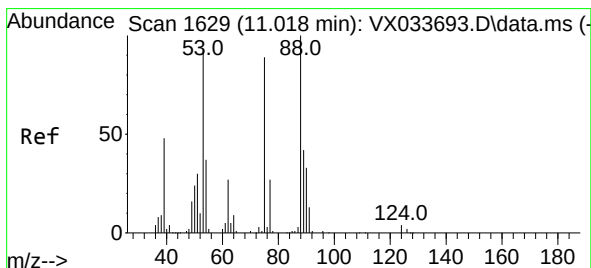
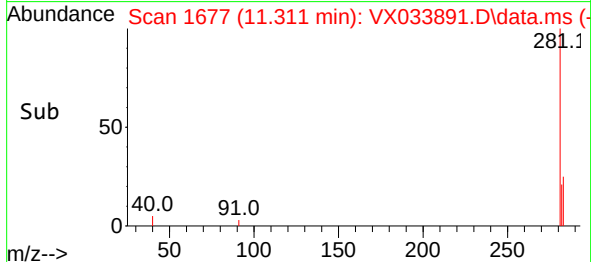
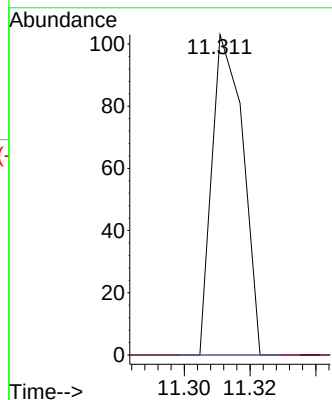


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

Instrument :
MSVOA_X
ClientSampleId :

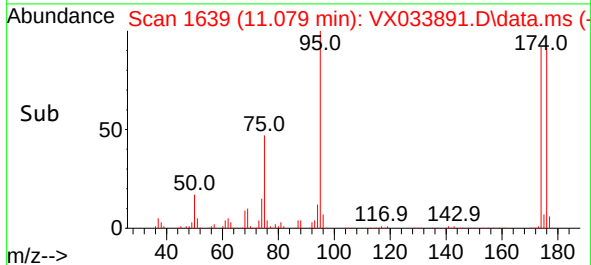
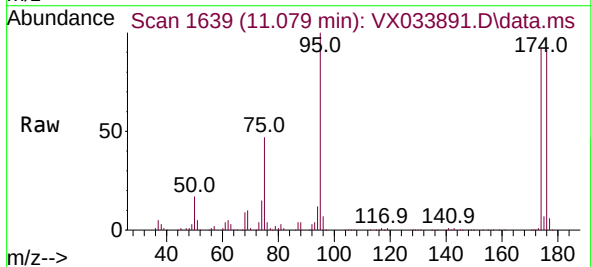
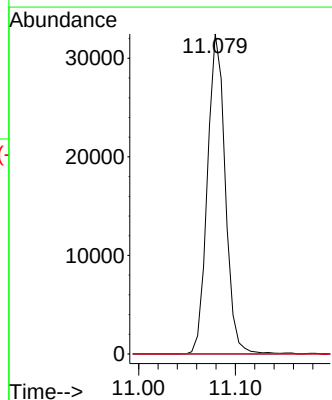


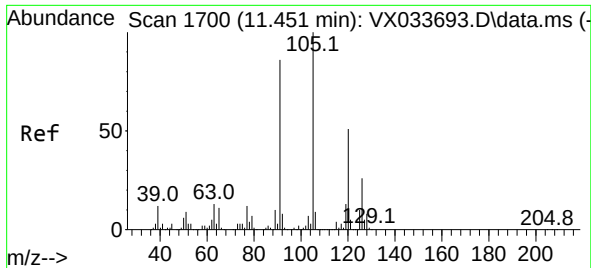
Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033891.D
Acq: 25 Jan 2023 16:34

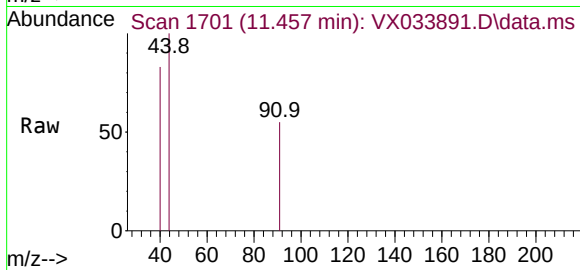
Tgt Ion: 75 Resp: 41663
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033891.D
 Acq: 25 Jan 2023 16:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 52
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

