

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025297.D
 Acq On : 24 Nov 2021 00:24
 Operator : JC/MD
 Sample : M4758-03
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2

Quant Time: Nov 24 03:18:03 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)

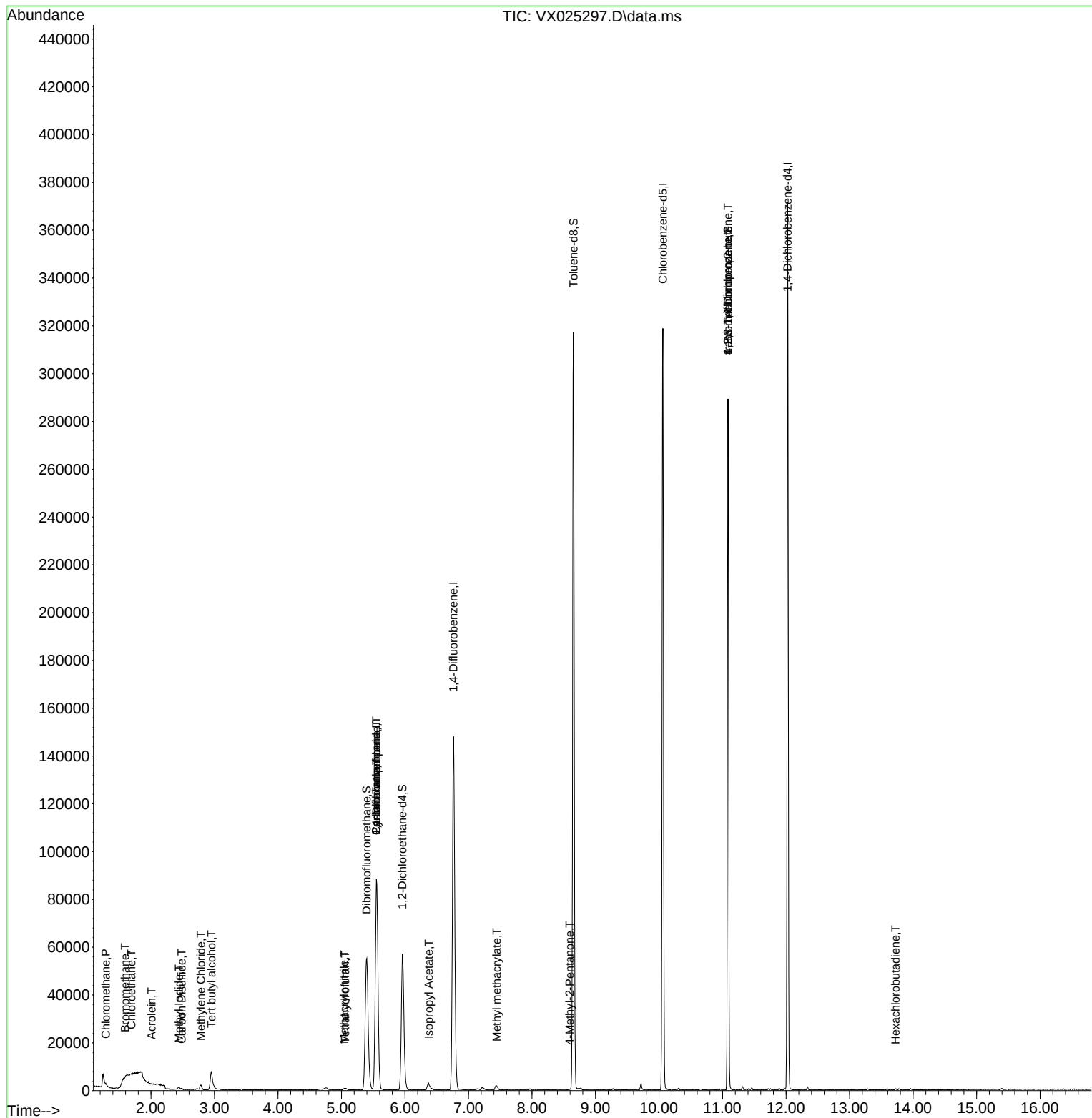
Internal Standards						
1) Pentafluorobenzene	5.550	168	96052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	163975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56331	55.638	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.280%			
35) Dibromofluoromethane	5.397	113	53682	51.436	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.653	98	203817	51.941	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.880%			
62) 4-Bromofluorobenzene	11.085	95	77155	51.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.940%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	289	0.280	ug/l #	86
5) Bromomethane	1.593	94	289	0.594	ug/l	84
6) Chloroethane	1.691	64	443	0.567	ug/l #	43
10) Methyl Iodide	2.440	142	948	0.848	ug/l #	83
11) Tert butyl alcohol	2.953	59	5350	12.882	ug/l #	72
13) Acrolein	2.008	56	71	1.531	ug/l	97
17) Carbon Disulfide	2.483	76	778	0.311	ug/l #	76
20) Methylene Chloride	2.788	84	1124	1.063	ug/l #	84
29) Tetrahydrofuran	5.056	42	715	1.420	ug/l	93
31) Cyclohexane	5.550	56	1678	1.073	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	6279	4.231	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8678	5.309	ug/l #	17
41) Methacrylonitrile	5.044	41	259	0.276	ug/l #	44
43) Isopropyl Acetate	6.373	43	1814	0.646	ug/l #	61
48) Methyl methacrylate	7.446	41	729	0.553	ug/l #	42
51) 4-Methyl-2-Pentanone	8.592	43	498	0.283	ug/l #	58
76) 1,2,3-Trichloropropane	11.085	75	36709	23.070	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	36709	58.117	ug/l #	9
94) Hexachlorobutadiene	13.725	225	175	0.240	ug/l	85
95) Naphthalene	13.780	128	659	Below Cal	#	90

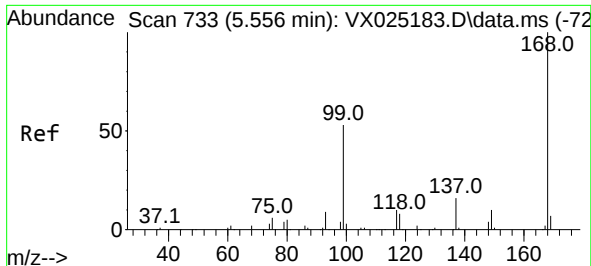
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 24 03:18:03 2021
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Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

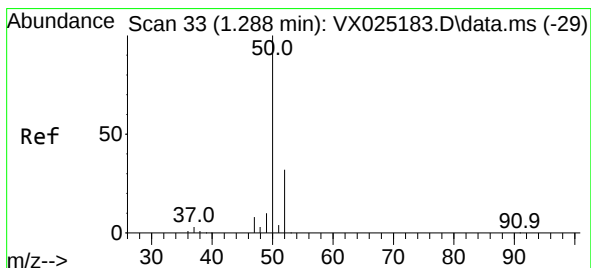
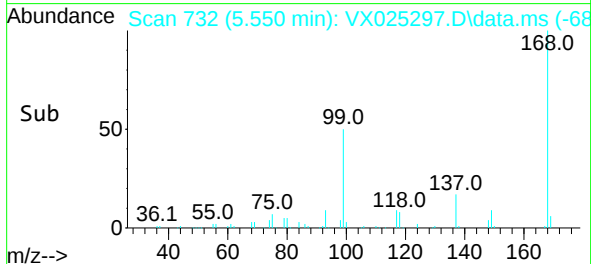
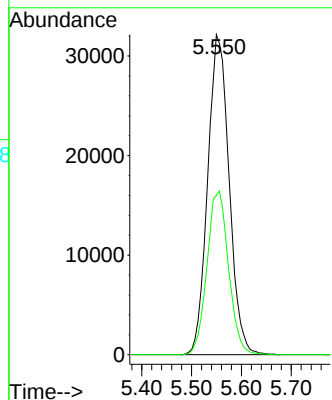
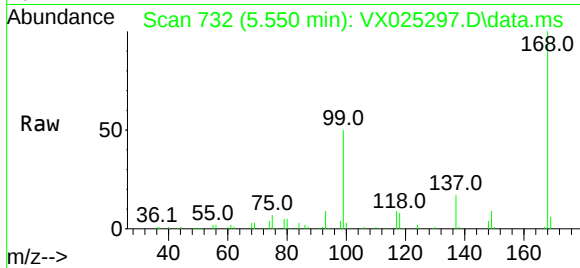




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

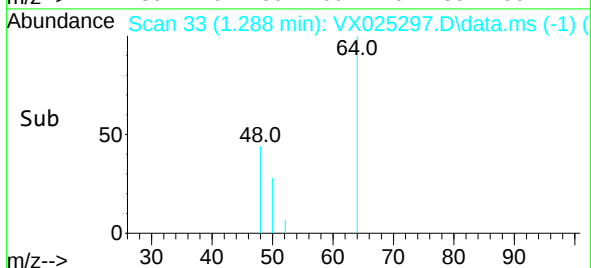
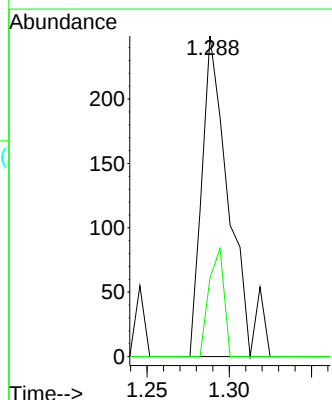
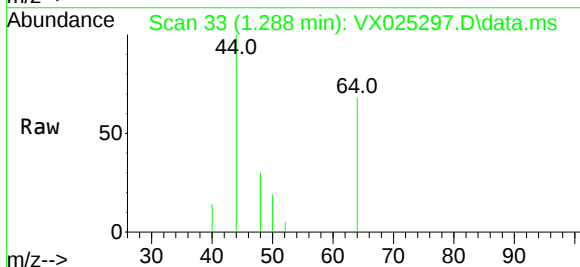
Instrument :
MSVOA_X
ClientSampleId :
TP2

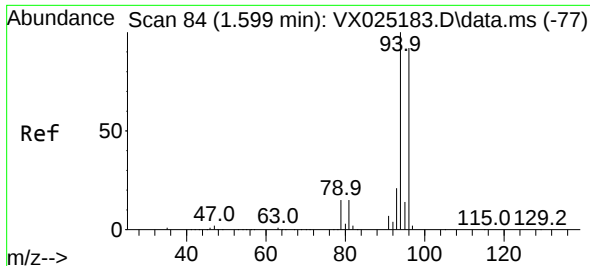
Tgt Ion:168 Resp: 96052
Ion Ratio Lower Upper
168 100
99 49.9 46.4 69.6



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 24.5 25.9 38.9#

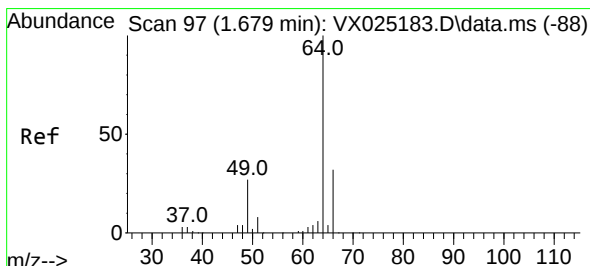
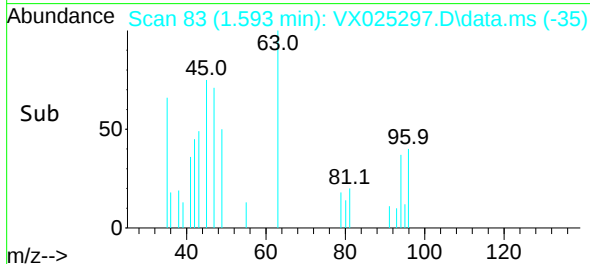
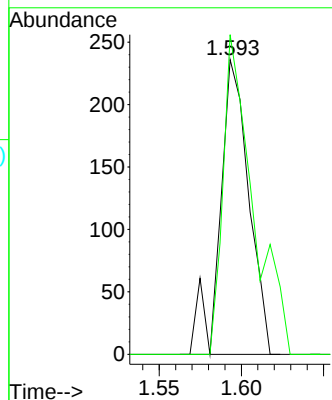
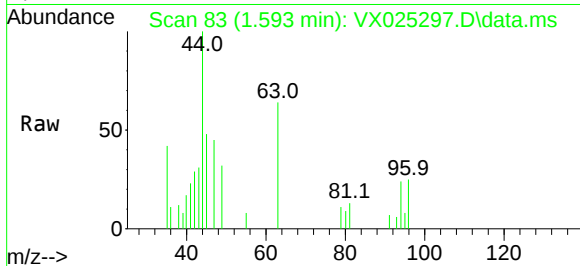




#5
Bromomethane
Concen: 0.594 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

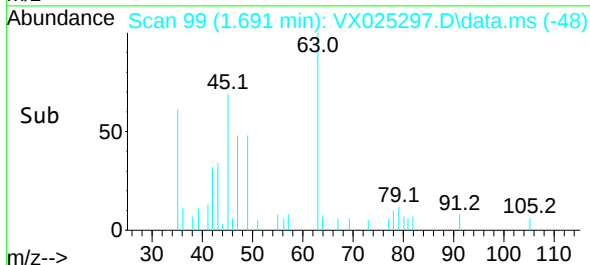
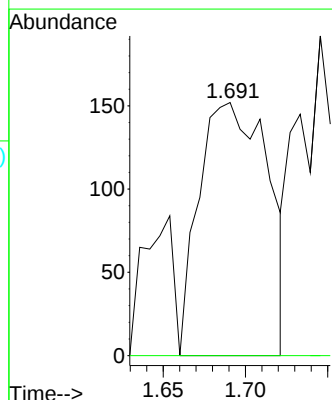
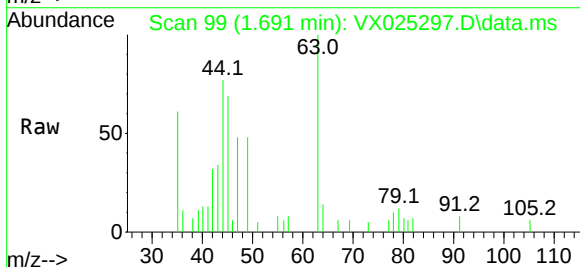
Instrument :
MSVOA_X
ClientSampleId :
TP2

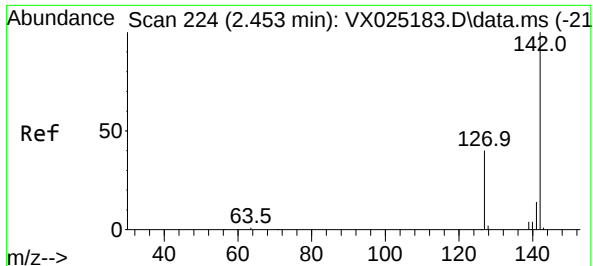
Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 108.5 74.8 112.2



#6
Chloroethane
Concen: 0.567 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

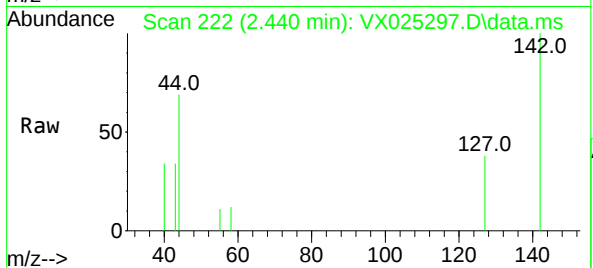
Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



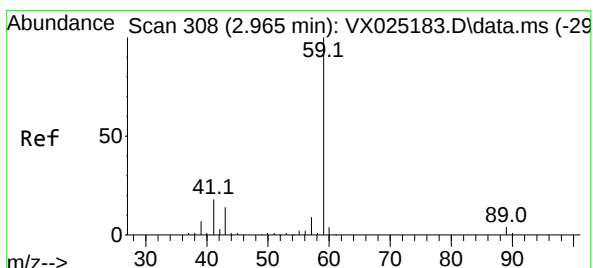
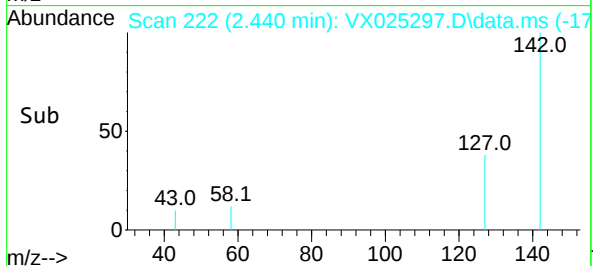
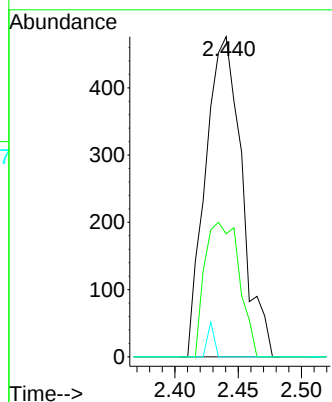


#10
Methyl Iodide
Concen: 0.848 ug/l
RT: 2.440 min Scan# 21
Delta R.T. -0.013 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Instrument :
MSVOA_X
ClientSampleId :
TP2

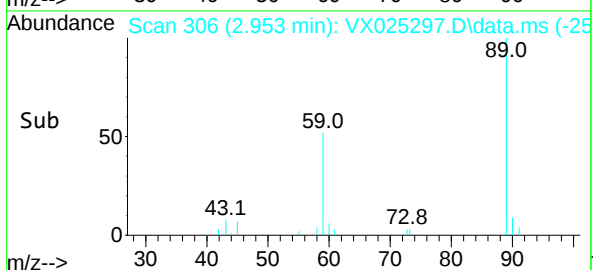
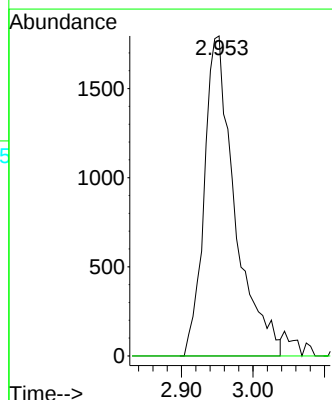
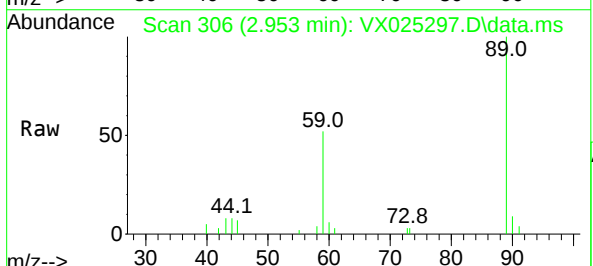


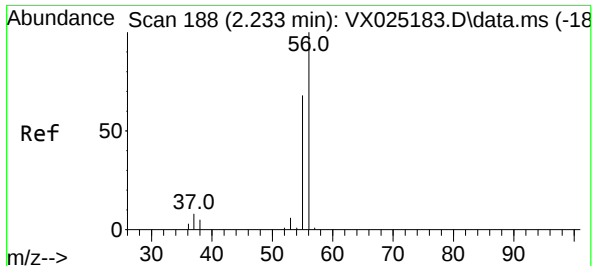
Tgt Ion:142 Resp: 948
Ion Ratio Lower Upper
142 100
127 40.0 38.9 58.3
141 2.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 12.882 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 59 Resp: 5350
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

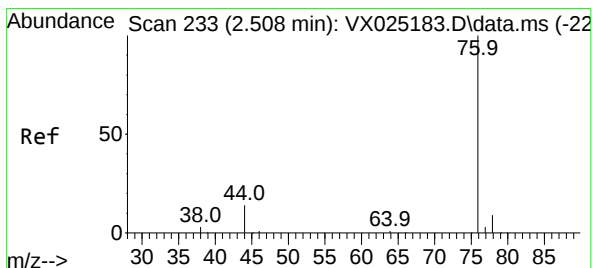
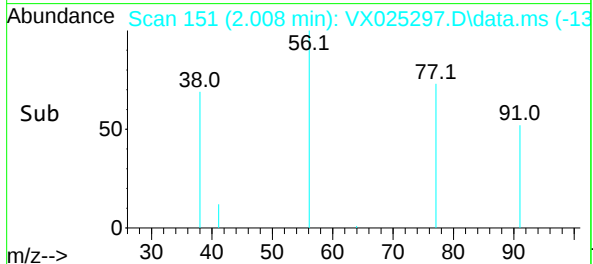
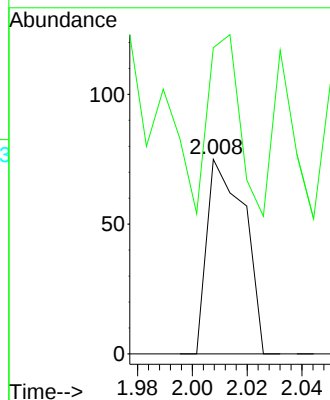
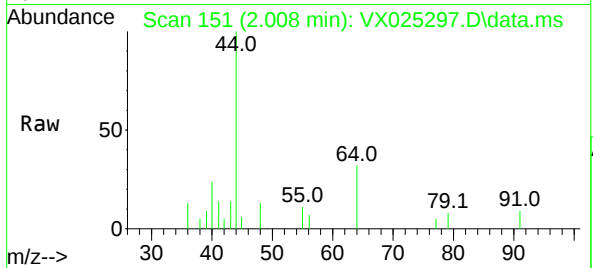




#13
Acrolein
Concen: 1.531 ug/l
RT: 2.008 min Scan# 11
Delta R.T. -0.225 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

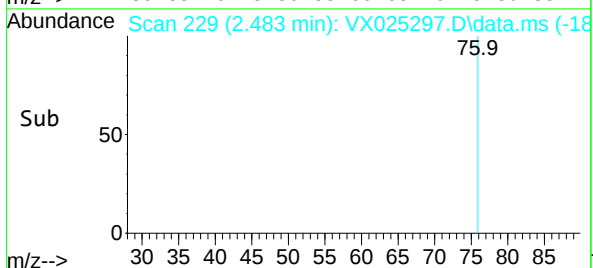
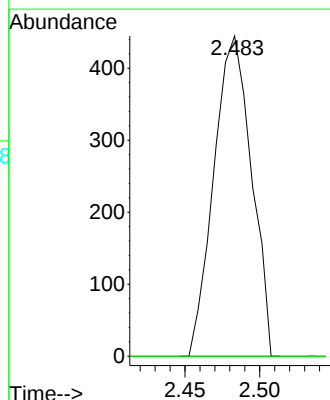
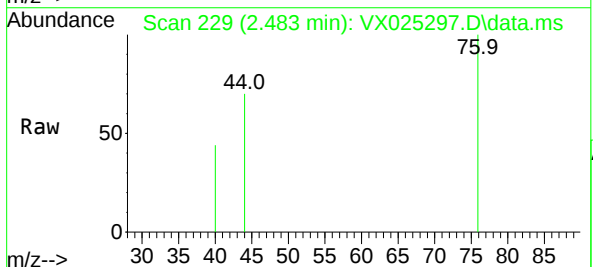
Instrument :
MSVOA_X
ClientSampleId :
TP2

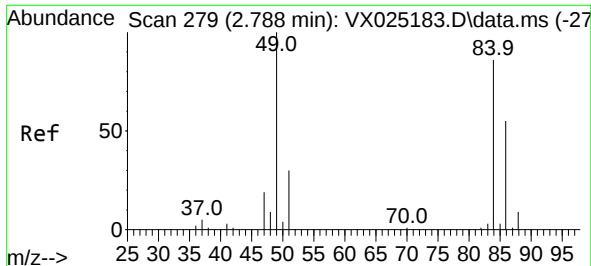
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 76.1 58.6 87.8



#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.025 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 76 Resp: 778
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#

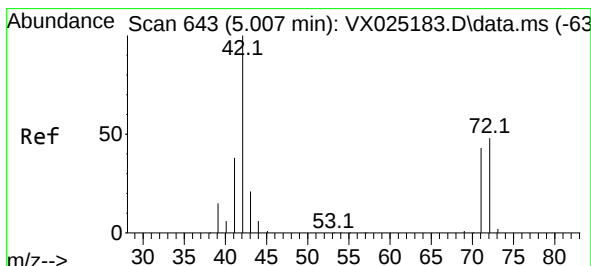
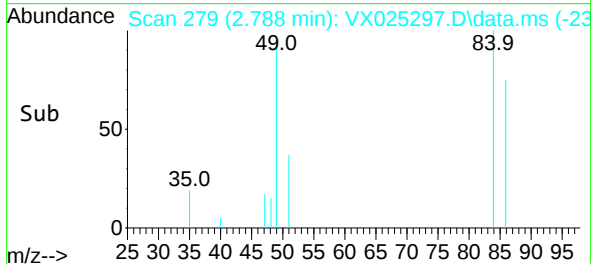
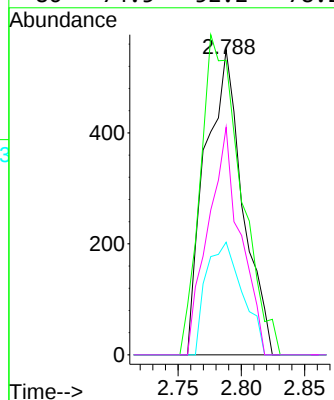
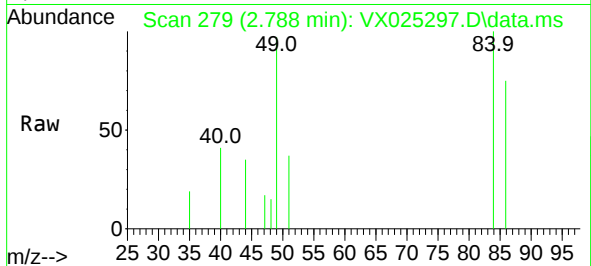




#20
Methylene Chloride
Concen: 1.063 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

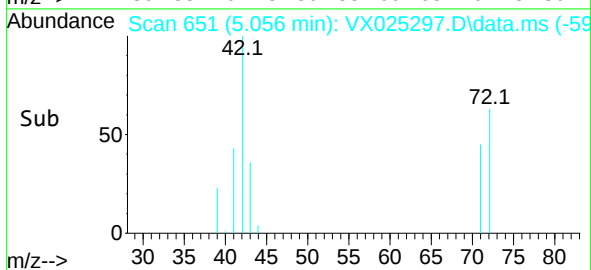
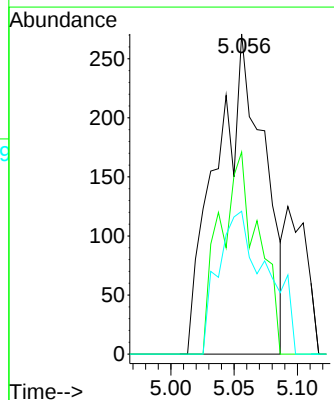
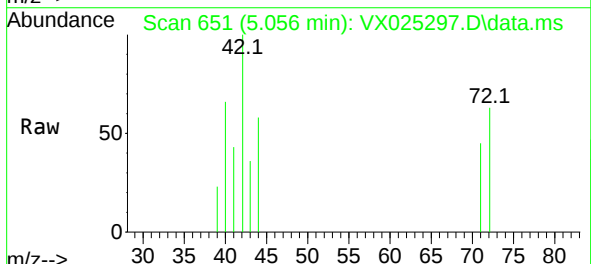
Instrument :
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ClientSampleId :
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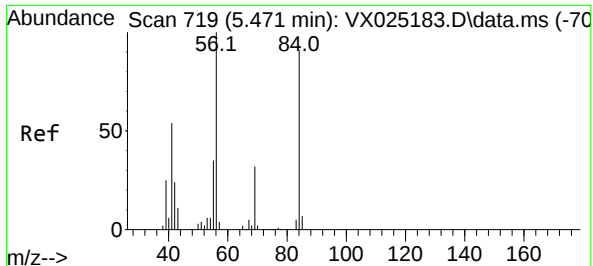
Tgt Ion: 84	Resp: 1124
Ion Ratio	Lower Upper
84 100	
49 96.5	98.2 147.2#
51 36.9	30.2 45.4
86 74.5	52.2 78.2



#29
Tetrahydrofuran
Concen: 1.420 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.049 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

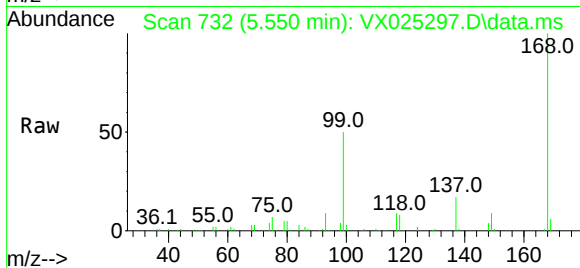
Tgt Ion: 42	Resp: 715		
Ion Ratio	Lower	Upper	
42 100			
72 50.3	36.1	54.1	
71 45.3	33.7	50.5	



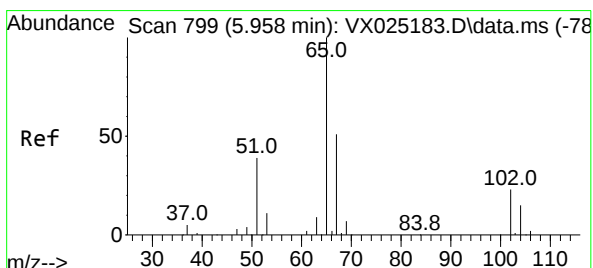
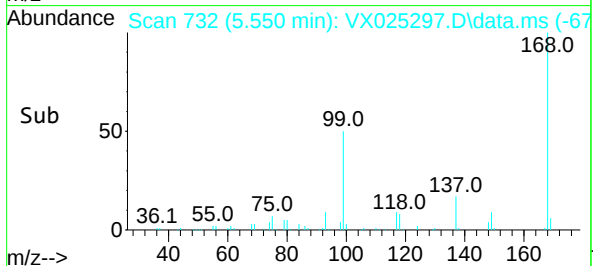
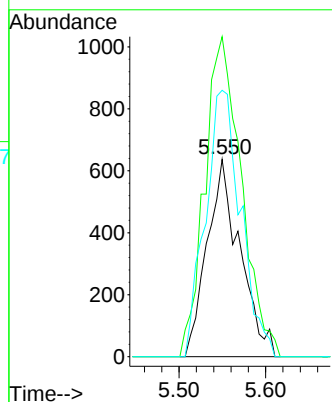


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Instrument :
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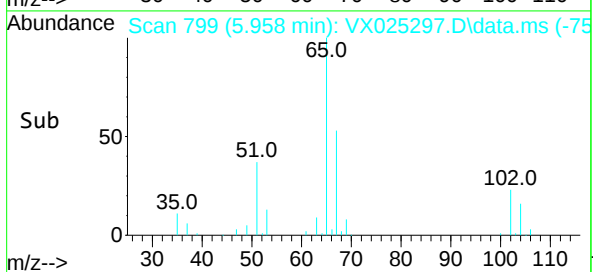
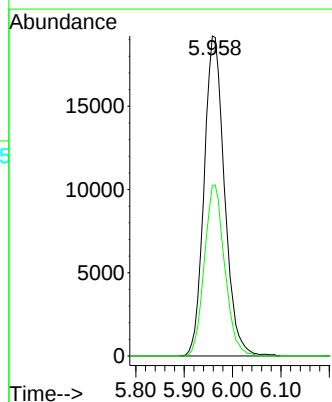
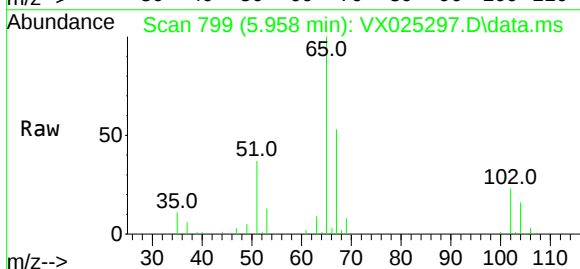


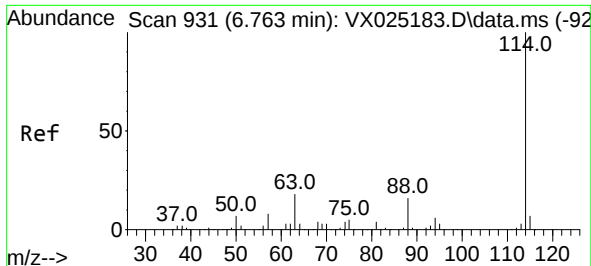
Tgt Ion: 56 Resp: 1678
Ion Ratio Lower Upper
56 100
69 162.2 24.2 36.2#
84 135.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.638 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 65 Resp: 56331
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.0

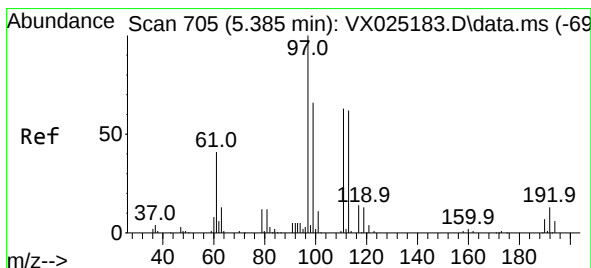
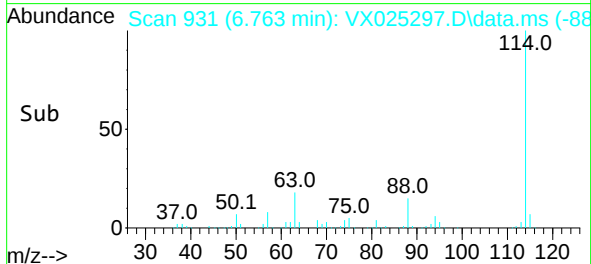
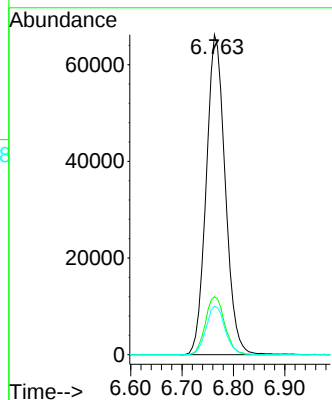
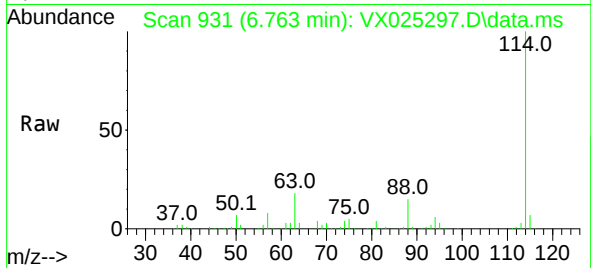




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX025297.D
 Acq: 24 Nov 2021 00:24

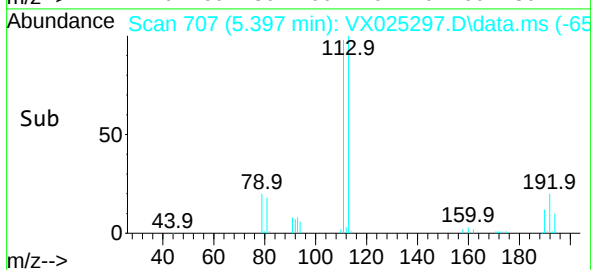
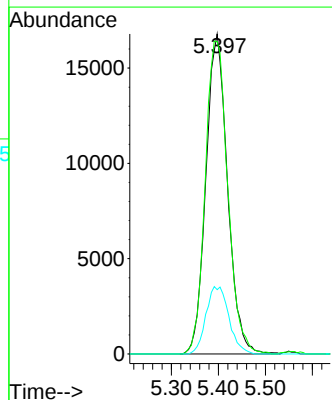
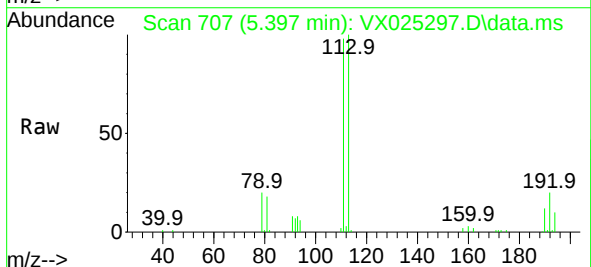
Instrument :
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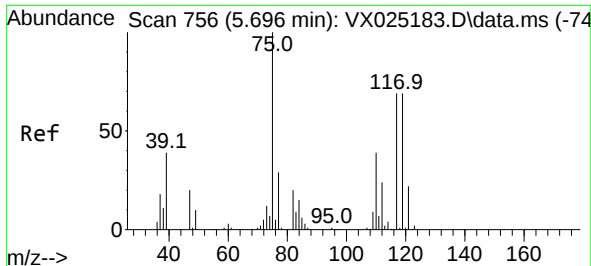
Tgt Ion:114 Resp: 170097
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 41.0
 88 15.2 0.0 34.8



#35
 Dibromofluoromethane
 Concen: 51.436 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.012 min
 Lab File: VX025297.D
 Acq: 24 Nov 2021 00:24

Tgt Ion:113 Resp: 53682
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.3 15.6 23.4

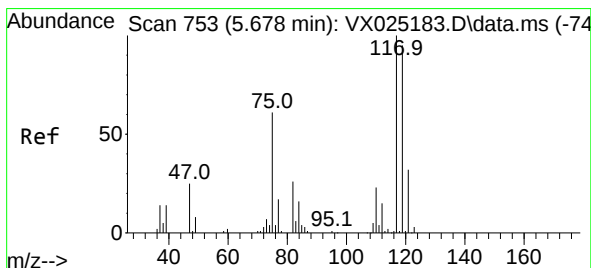
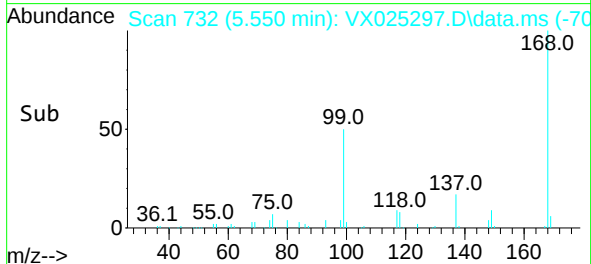
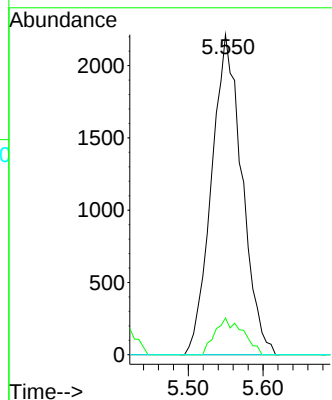
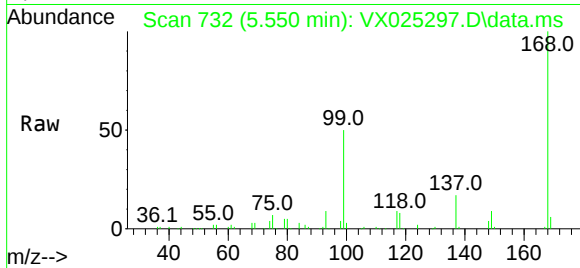




#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

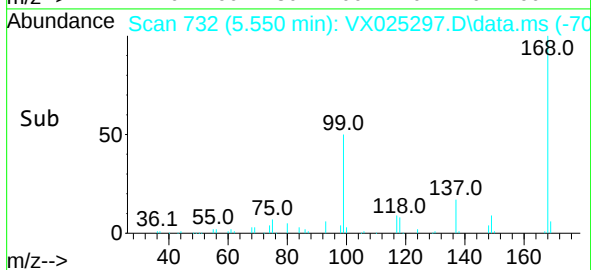
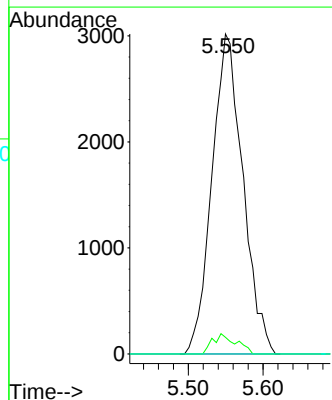
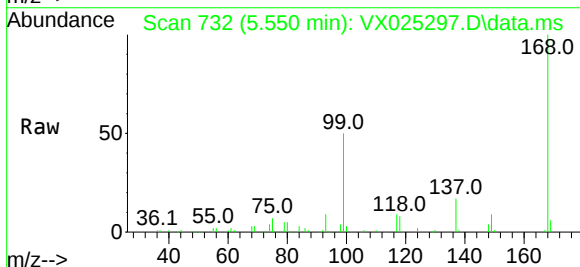
Instrument :
MSVOA_X
ClientSampleId :
TP2

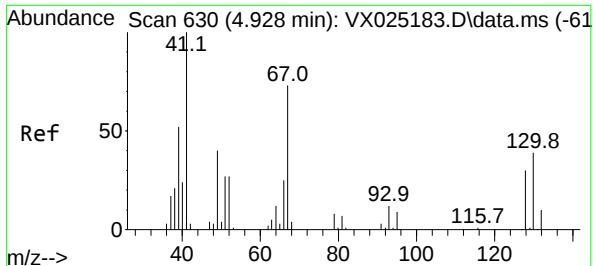
Tgt Ion: 75 Resp: 6279
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 117 Resp: 8678
Ion Ratio Lower Upper
117 100
119 5.2 75.6 113.4#
121 0.0 23.7 35.5#

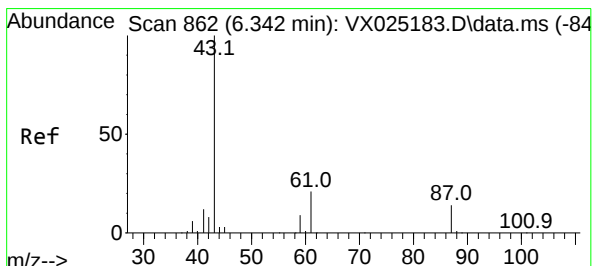
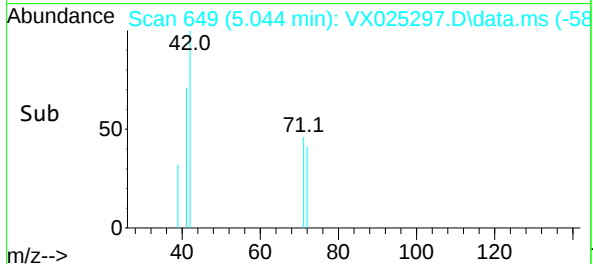
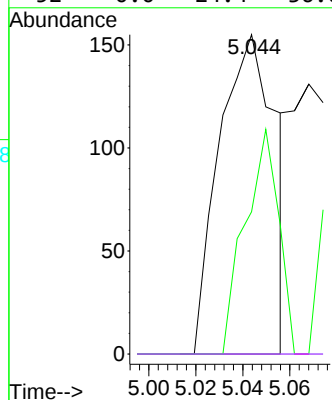
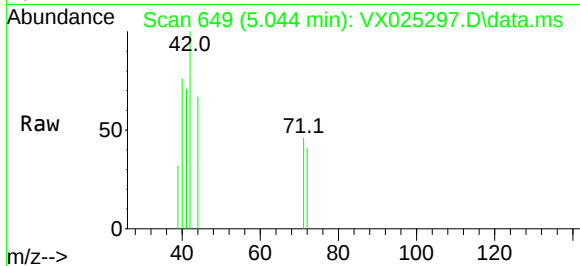




#41
Methacrylonitrile
Concen: 0.276 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

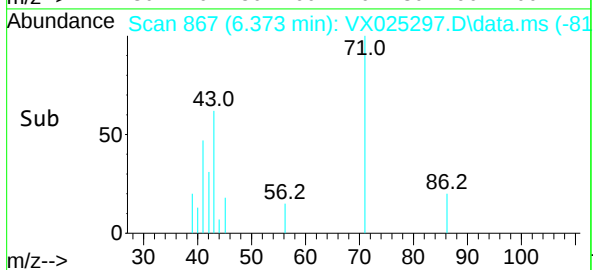
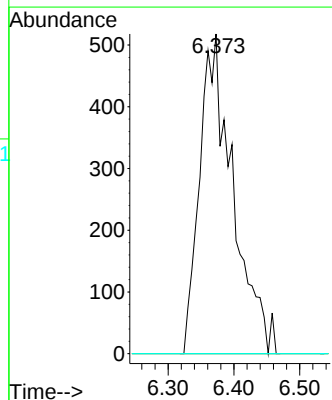
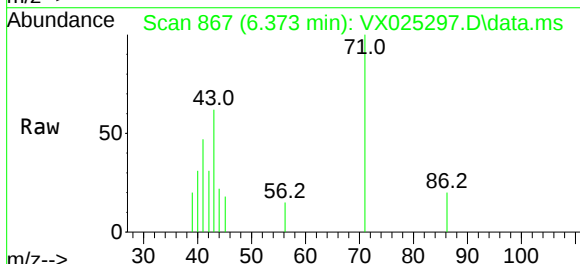
Instrument :
MSVOA_X
ClientSampleId :
TP2

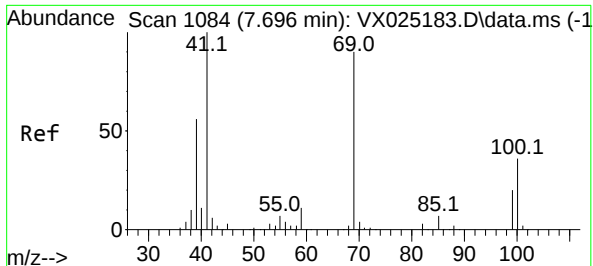
Tgt Ion:	41	Resp:	259
Ion	Ratio	Lower	Upper
41	100		
39	42.1	44.6	67.0#
67	0.0	56.7	85.1#
52	0.0	24.4	36.6#



#43
Isopropyl Acetate
Concen: 0.646 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.031 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion:	43	Resp:	1814
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.3	22.9#
87	0.0	10.9	16.3#





#48

Methyl methacrylate

Concen: 0.553 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. -0.250 min

Lab File: VX025297.D

Acq: 24 Nov 2021 00:24

Instrument :

MSVOA_X

ClientSampleId :

TP2

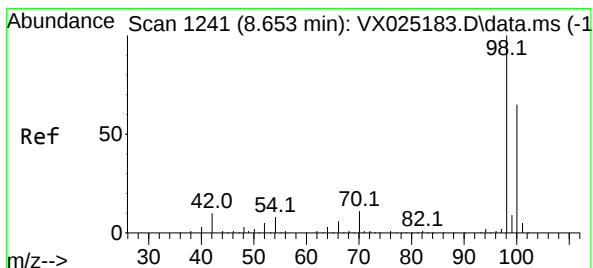
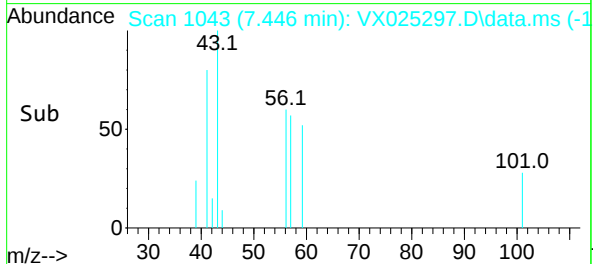
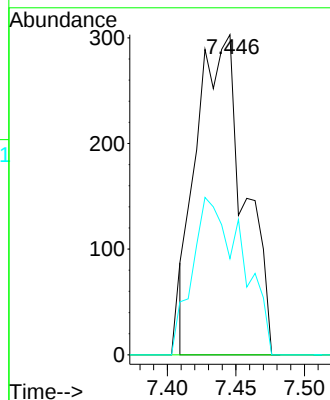
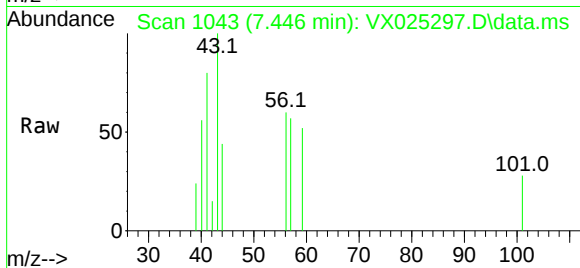
Tgt Ion: 41 Resp: 729

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 49.4 46.9 70.3



#50

Toluene-d8

Concen: 51.941 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025297.D

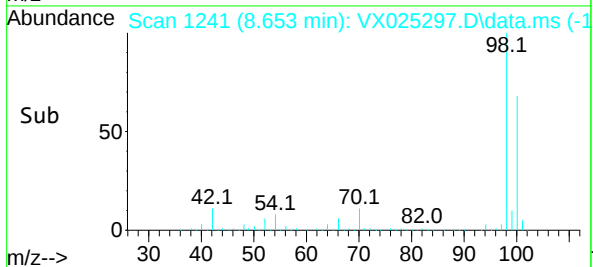
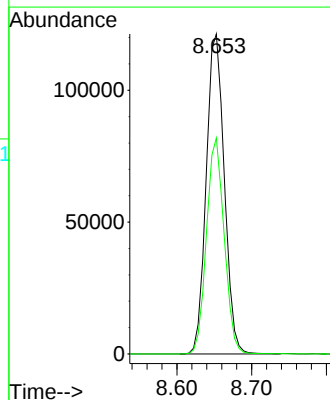
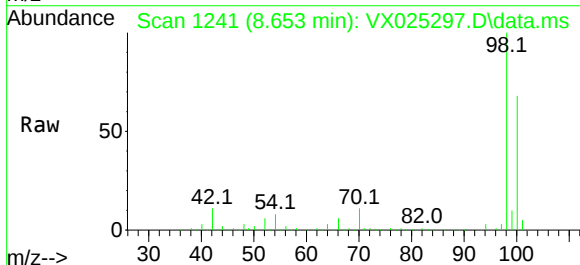
Acq: 24 Nov 2021 00:24

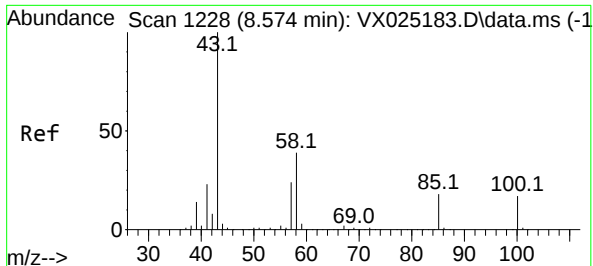
Tgt Ion: 98 Resp: 203817

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.283 ug/l

RT: 8.592 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX025297.D

Acq: 24 Nov 2021 00:24

Instrument :

MSVOA_X

ClientSampleId :

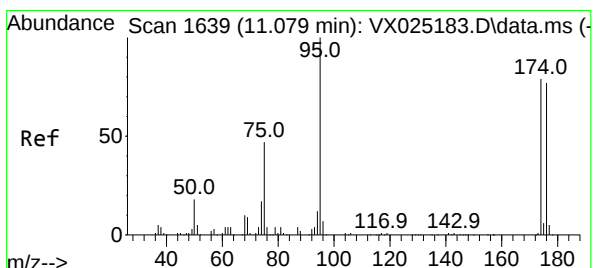
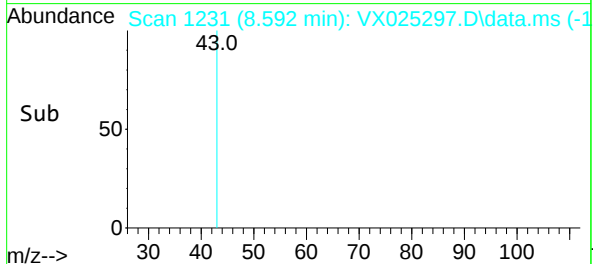
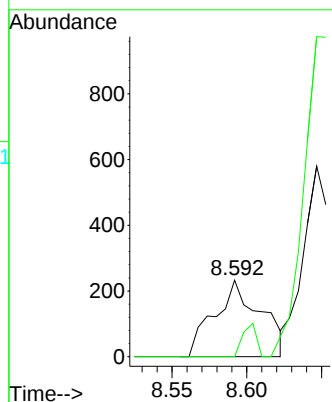
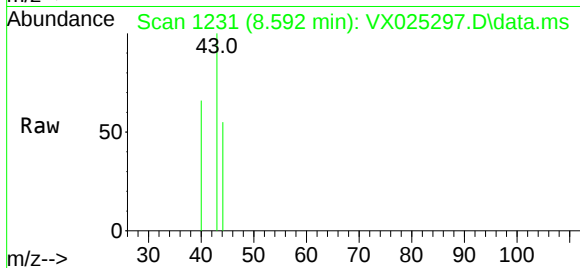
TP2

Tgt Ion: 43 Resp: 498

Ion Ratio Lower Upper

43 100

58 12.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 51.974 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025297.D

Acq: 24 Nov 2021 00:24

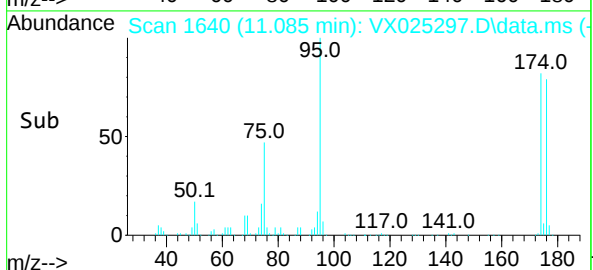
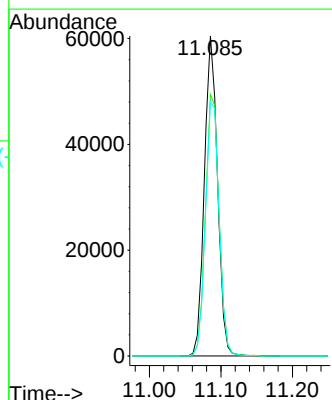
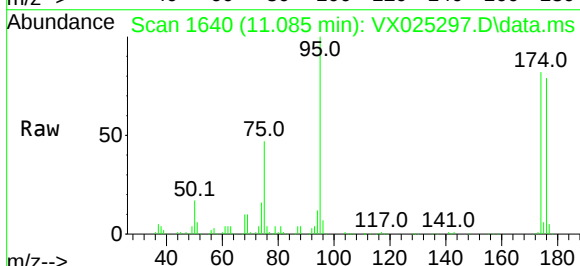
Tgt Ion: 95 Resp: 77155

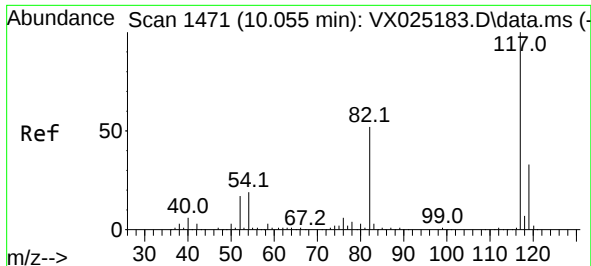
Ion Ratio Lower Upper

95 100

174 85.1 0.0 158.0

176 83.2 0.0 153.6

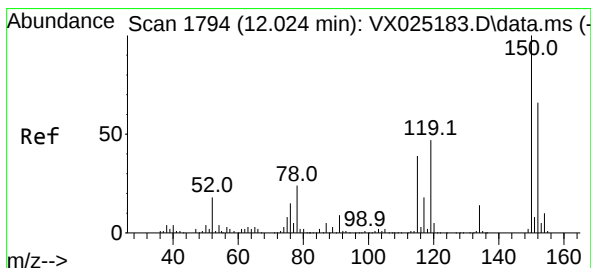
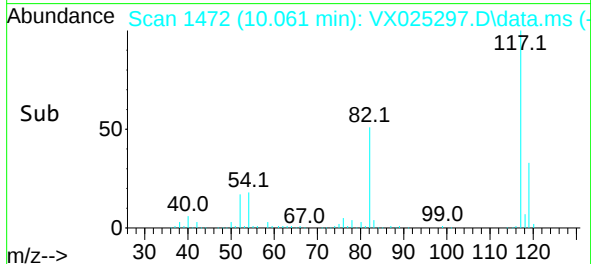
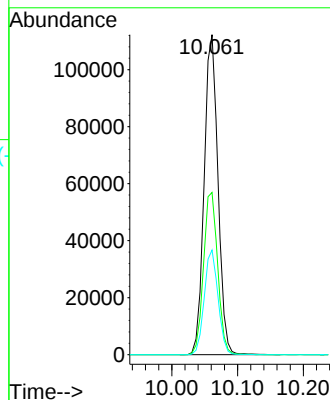
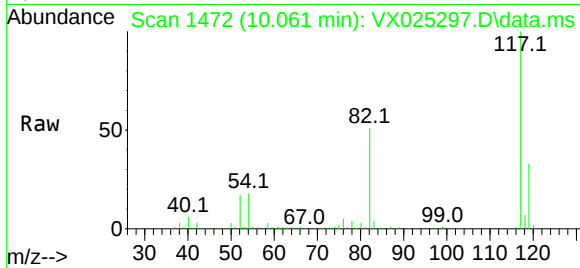




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

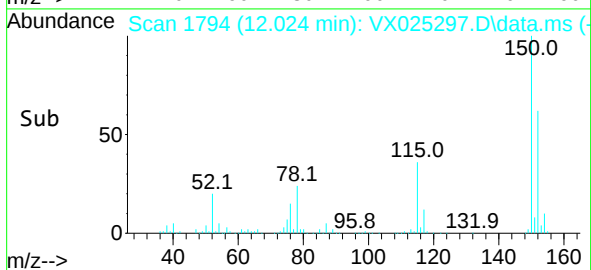
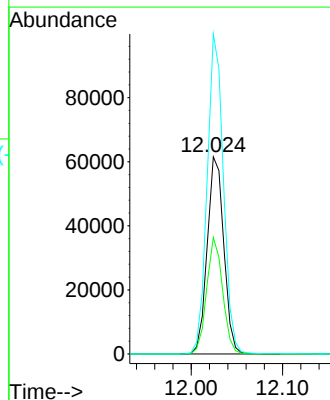
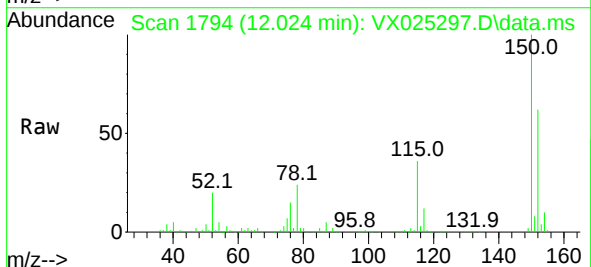
Instrument :
MSVOA_X
ClientSampleId :
TP2

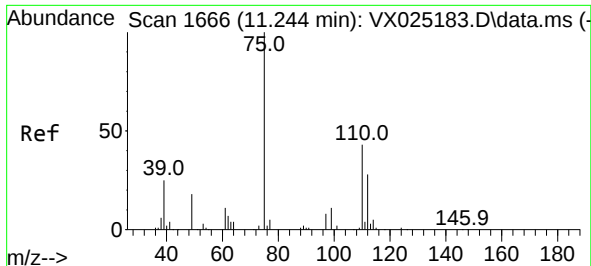
Tgt Ion:117 Resp: 163975
Ion Ratio Lower Upper
117 100
82 50.7 44.6 67.0
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion:152 Resp: 77703
Ion Ratio Lower Upper
152 100
115 56.8 43.3 129.8
150 158.7 0.0 351.2

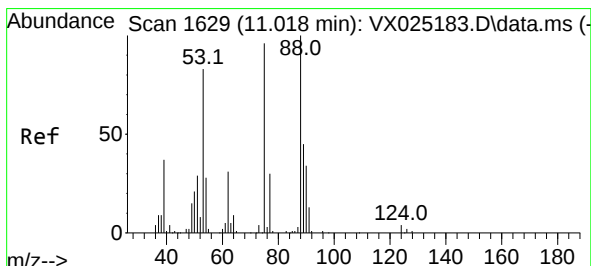
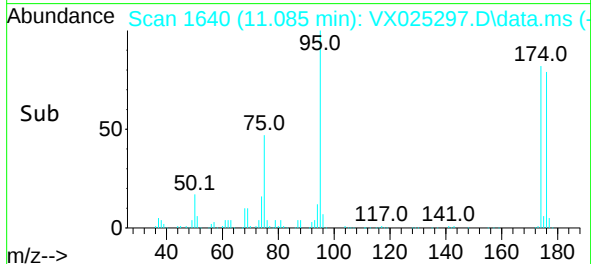
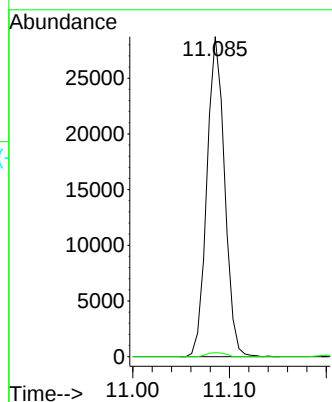
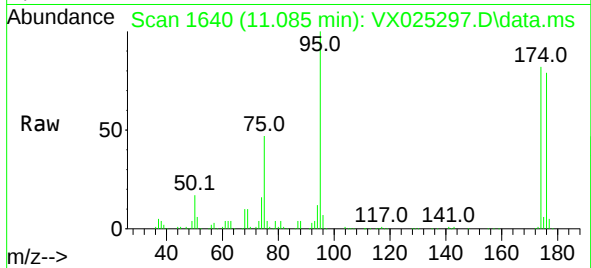




#76
1,2,3-Trichloropropane
Concen: 23.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

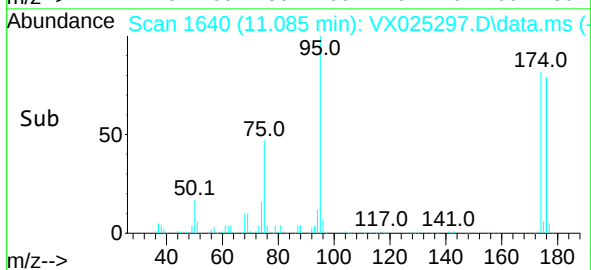
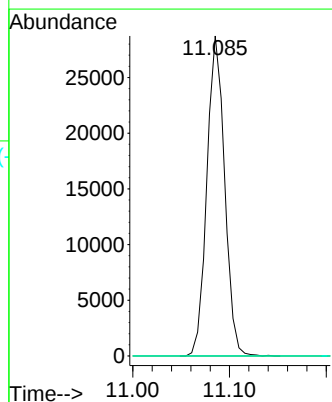
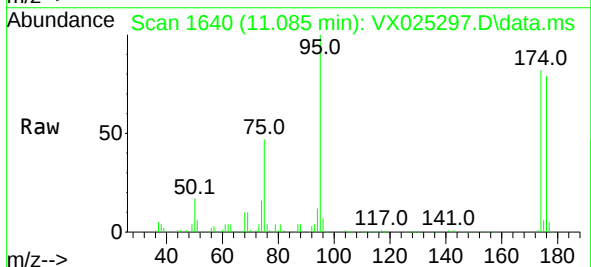
Instrument :
MSVOA_X
ClientSampleId :
TP2

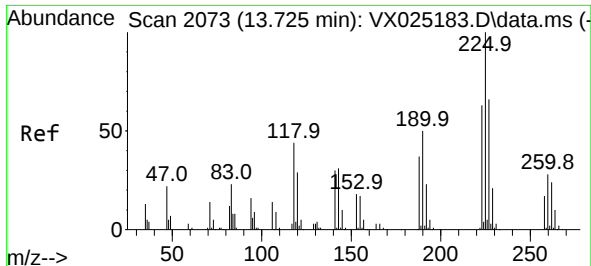
Tgt Ion: 75 Resp: 36709
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.117 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion: 75 Resp: 36709
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

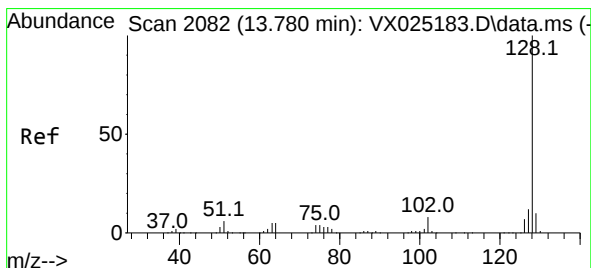
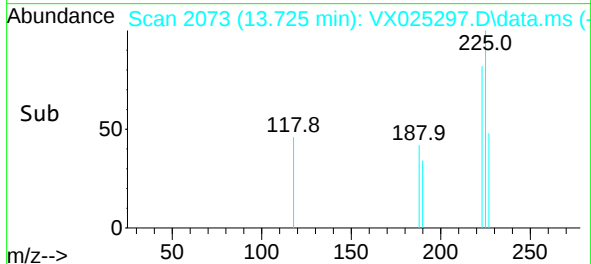
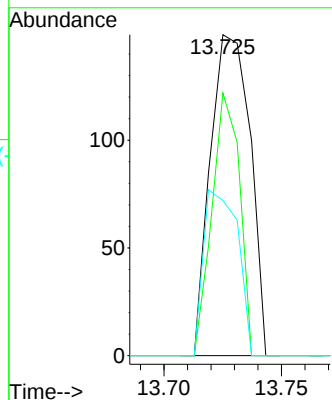
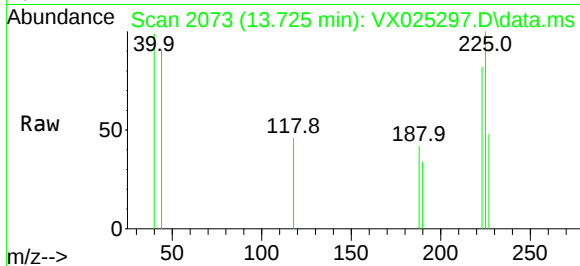




#94
Hexachlorobutadiene
Concen: 0.240 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Instrument :
MSVOA_X
ClientSampleId :
TP2

Tgt Ion:225 Resp: 175
Ion Ratio Lower Upper
225 100
223 56.6 30.9 92.7
227 44.6 31.1 93.5



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025297.D
Acq: 24 Nov 2021 00:24

Tgt Ion:128 Resp: 659
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 3.2 8.8 13.2#

