

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033297.D
 Acq On : 07 Dec 2022 21:28
 Operator : JC/MD
 Sample : N5911-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A3594TOG

Quant Time: Dec 08 01:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

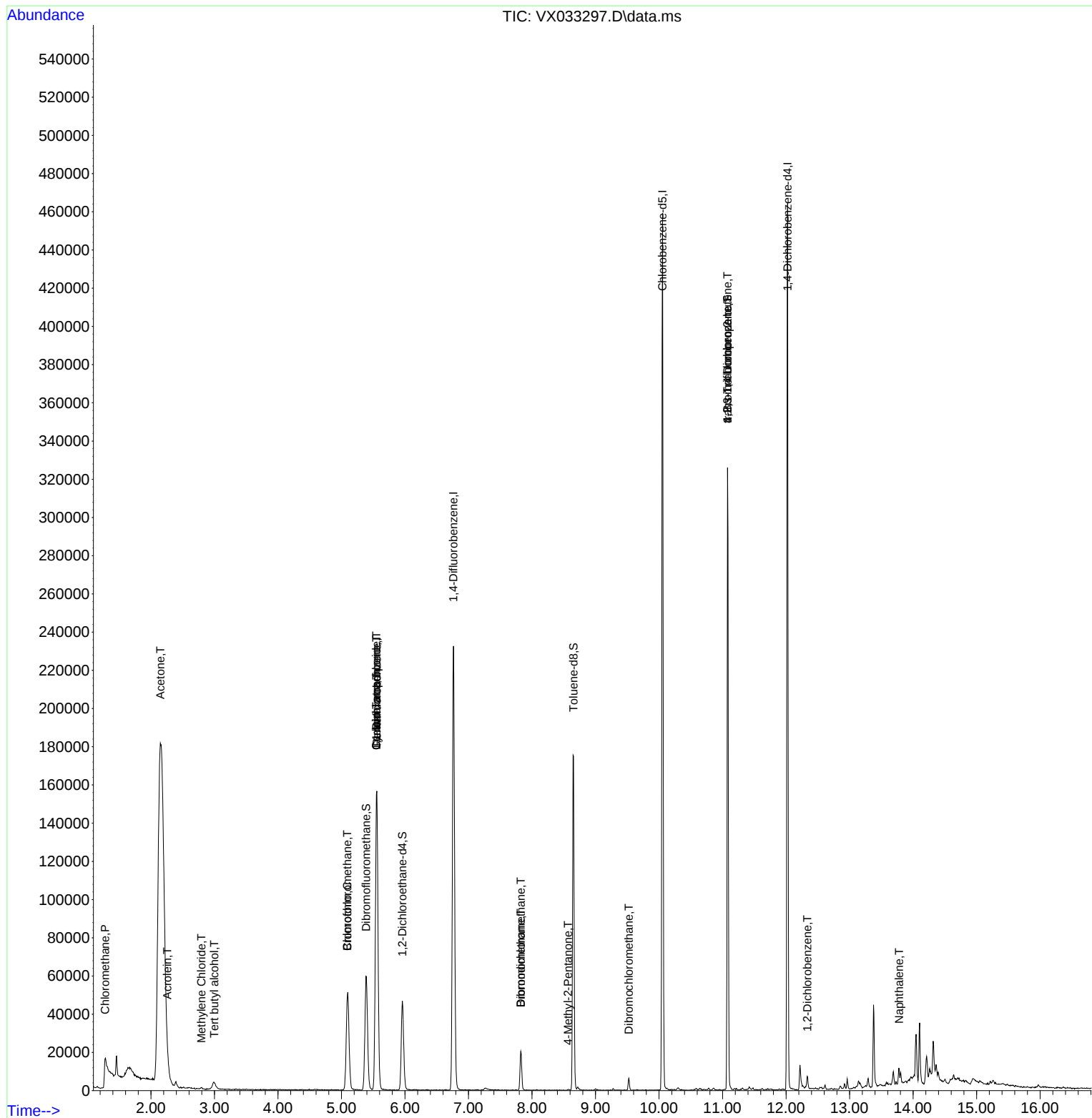
Internal Standards						
1) Pentafluorobenzene	5.556	168	151501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47179	48.541	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.080%		
35) Dibromofluoromethane	5.385	113	52513	48.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	8.653	98	109503	48.347	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.079	95	83017	47.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.880%		
Target Compounds						Qvalue
3) Chloromethane	1.276	50	694	0.567	ug/l #	43
11) Tert butyl alcohol	2.995	59	7111	23.931	ug/l #	85
13) Acrolein	2.258	56	133	0.413	ug/l	89
16) Acetone	2.148	43	131699	183.118	ug/l #	46
20) Methylene Chloride	2.794	84	379	0.236	ug/l #	58
28) Bromochloromethane	5.092	49	4854	4.200	ug/l #	9
30) Chloroform	5.092	83	63935	20.857	ug/l	98
31) Cyclohexane	5.550	56	3014	1.305	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11219	5.315	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15690	6.634	ug/l #	15
46) Dibromomethane	7.824	93	461	0.384	ug/l #	4
47) Bromodichloromethane	7.824	83	13697	5.860	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	562	0.277	ug/l #	36
60) Dibromochloromethane	9.525	129	2821	1.531	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	43825	21.894	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43825	68.106	ug/l #	6
91) 1,2-Dichlorobenzene	12.335	146	2060	0.632	ug/l	98
95) Naphthalene	13.780	128	4422	0.673	ug/l	98

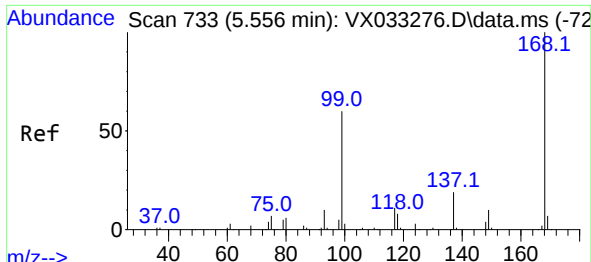
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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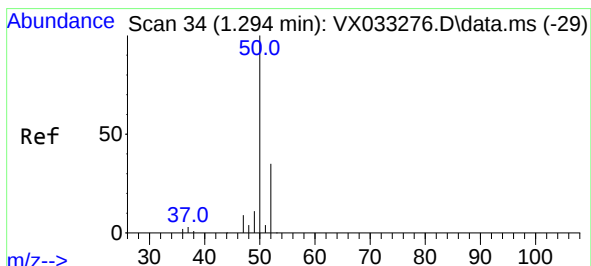
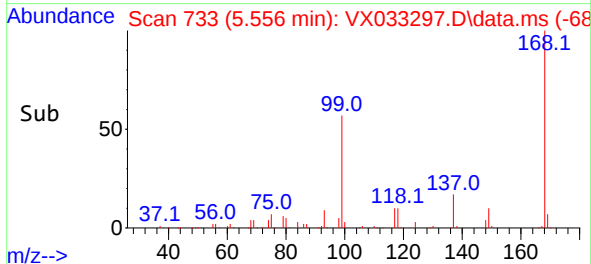
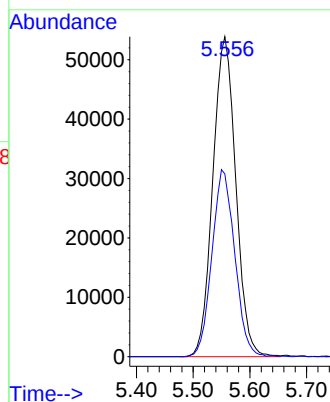
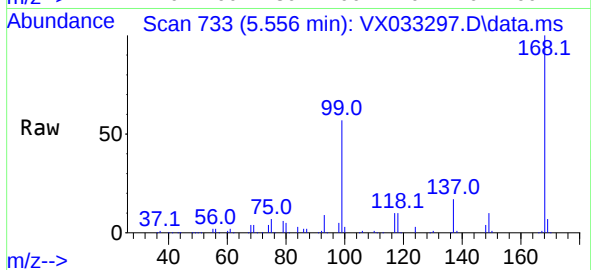




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

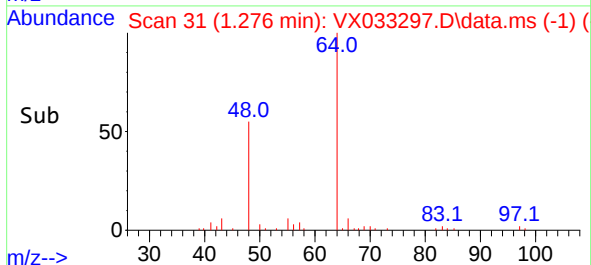
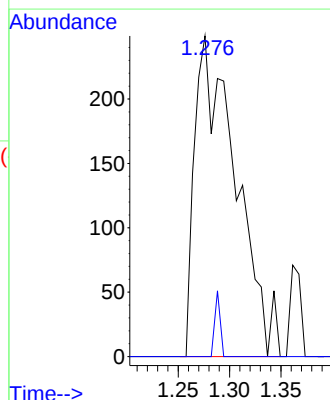
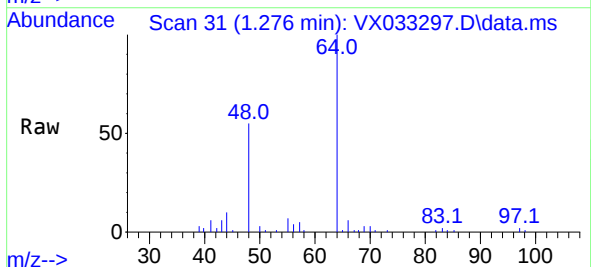
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

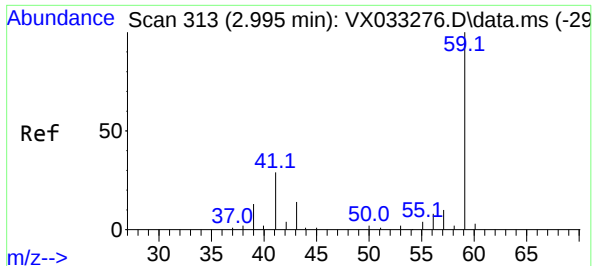
Tgt Ion:168 Resp: 151501
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#3
Chloromethane
Concen: 0.567 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 23.931 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

Instrument :

MSVOA_X

ClientSampleId :

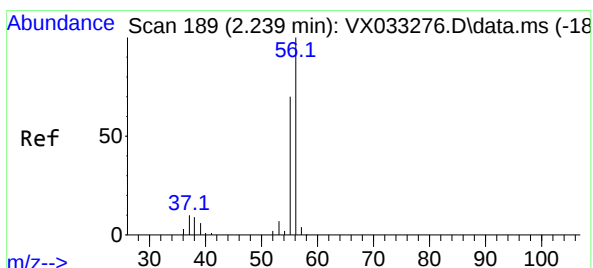
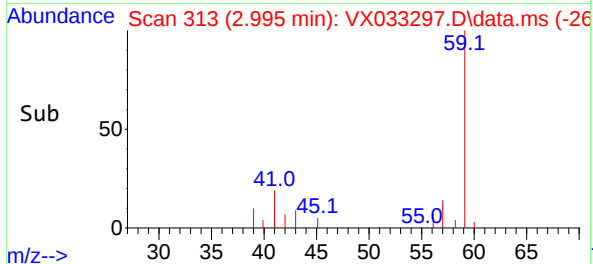
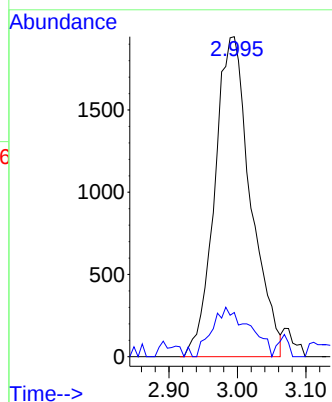
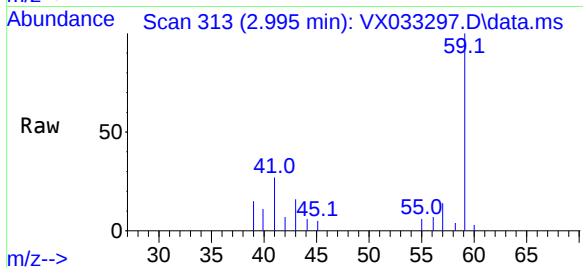
A3594TOG

Tgt Ion: 59 Resp: 7111

Ion Ratio Lower Upper

59 100

57 15.9 8.2 12.4#



#13

Acrolein

Concen: 0.413 ug/l

RT: 2.258 min Scan# 192

Delta R.T. 0.019 min

Lab File: VX033297.D

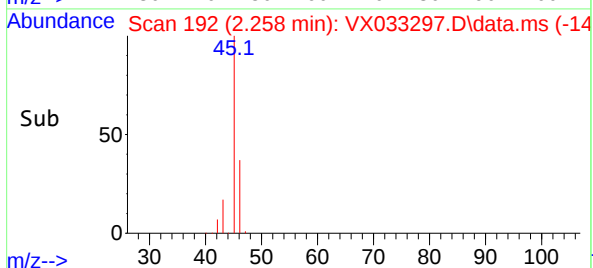
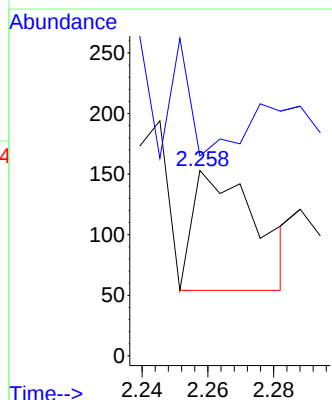
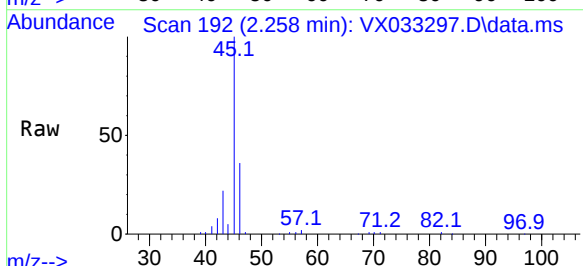
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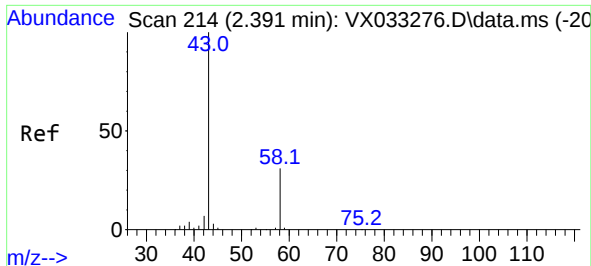
Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

55 61.7 56.9 85.3

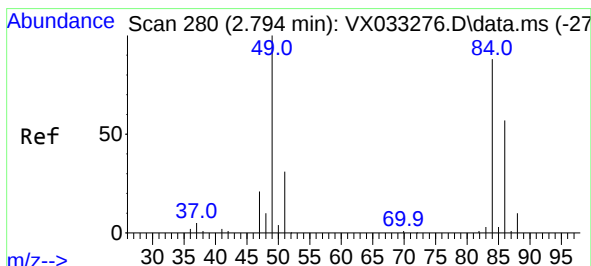
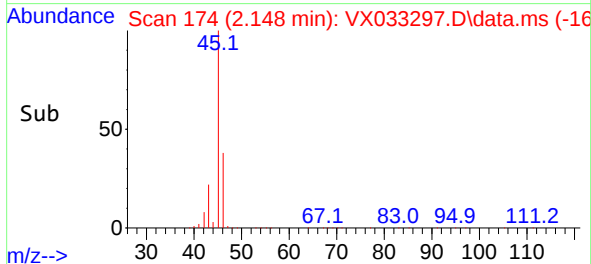
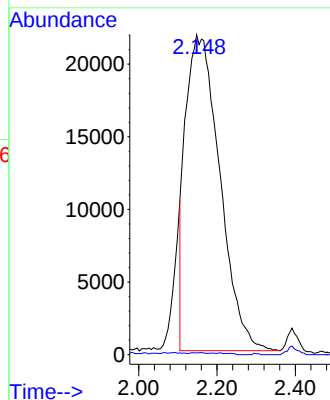
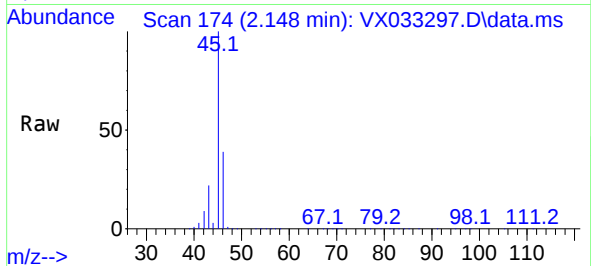




#16
Acetone
Concen: 183.118 ug/l
RT: 2.148 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

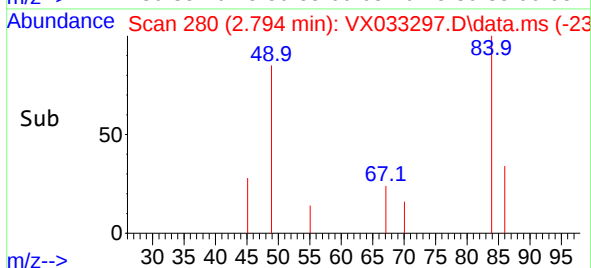
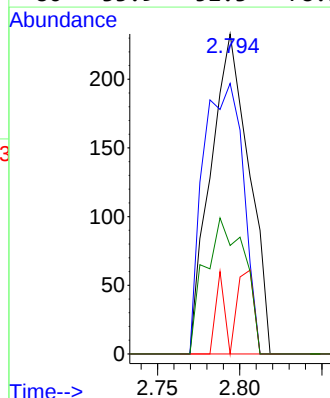
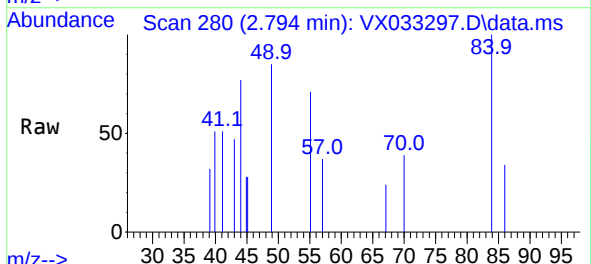
Instrument :
MSVOA_X
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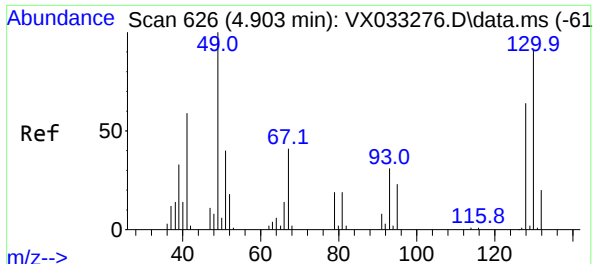
Tgt Ion: 43 Resp: 131699
Ion Ratio Lower Upper
43 100
58 0.5 23.8 35.8#



#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion: 84 Resp: 379
Ion Ratio Lower Upper
84 100
49 84.5 101.0 151.6#
51 0.0 31.1 46.7#
86 33.9 52.3 78.5#

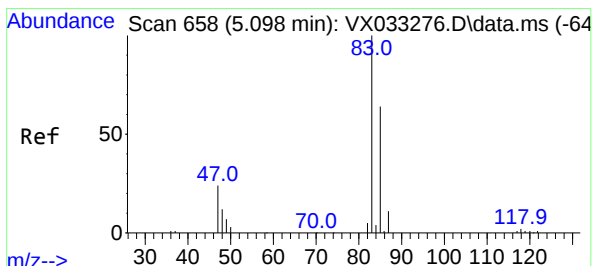
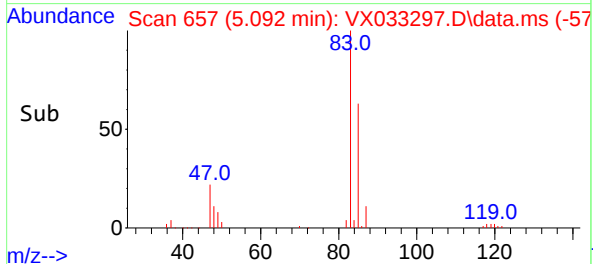
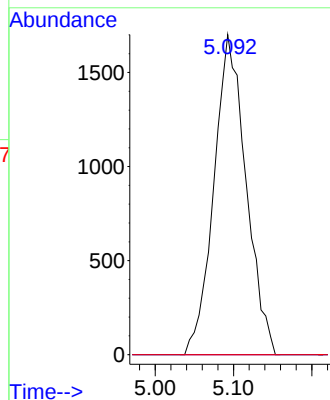
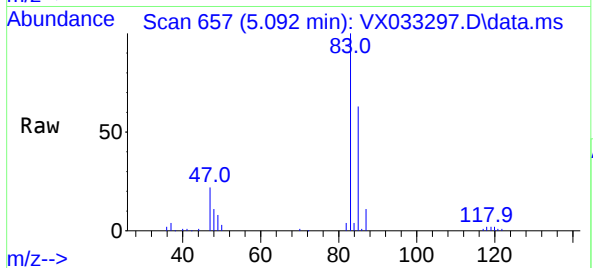




#28
Bromochloromethane
Concen: 4.200 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

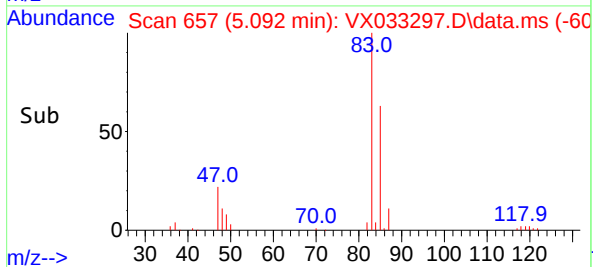
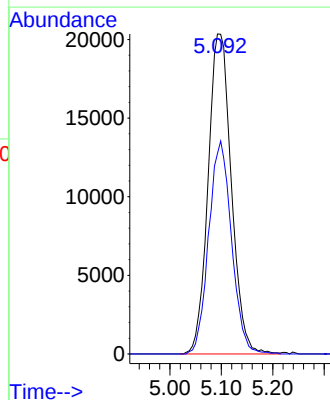
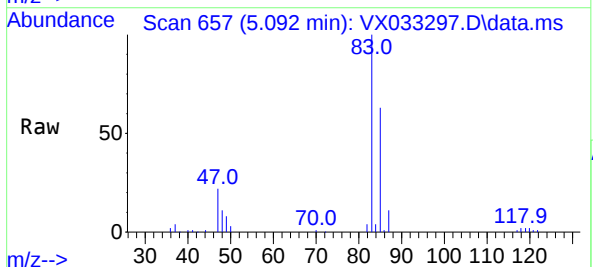
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

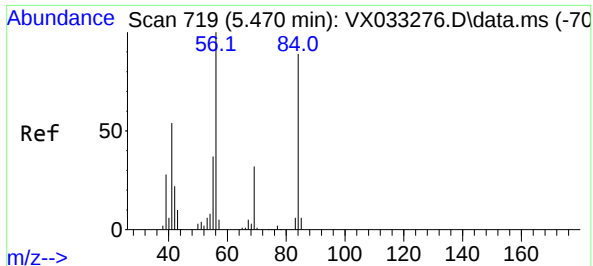
Tgt Ion: 49 Resp: 4854
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 20.857 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

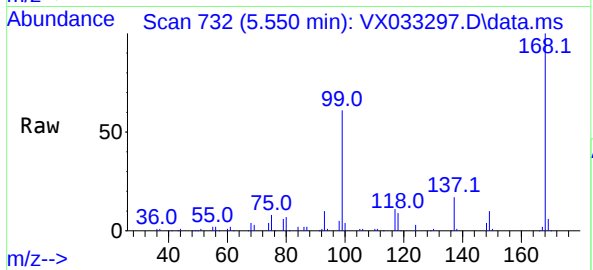
Tgt Ion: 83 Resp: 63935
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7



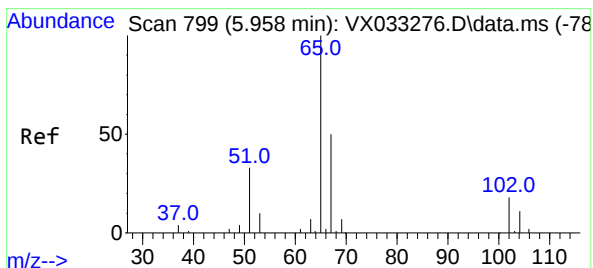
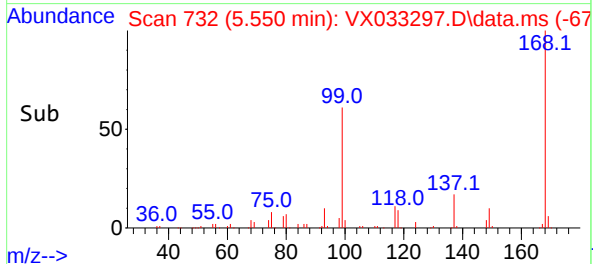
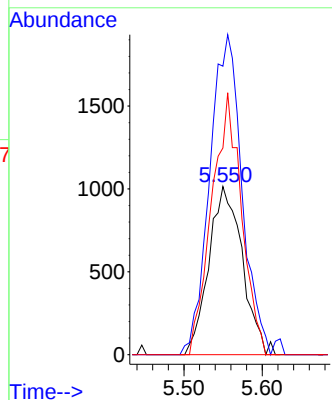


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

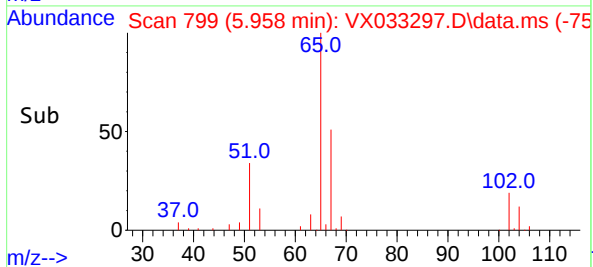
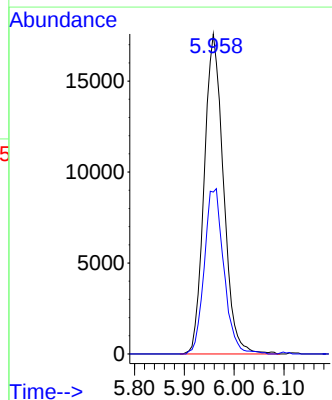
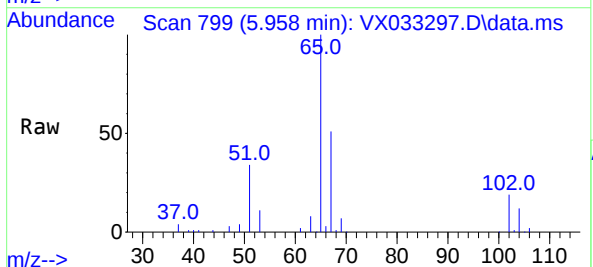


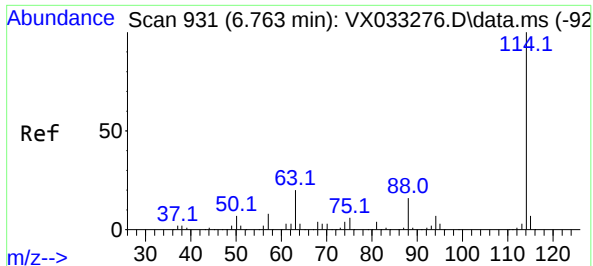
Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
69 171.5 24.1 36.1#
84 122.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.541 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion: 65 Resp: 47179
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

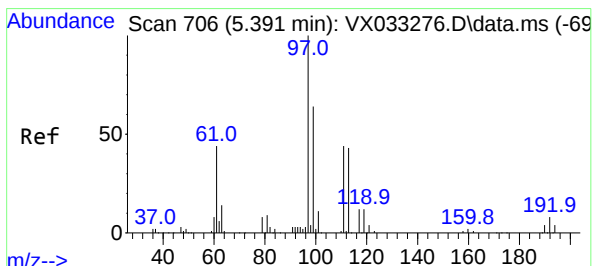
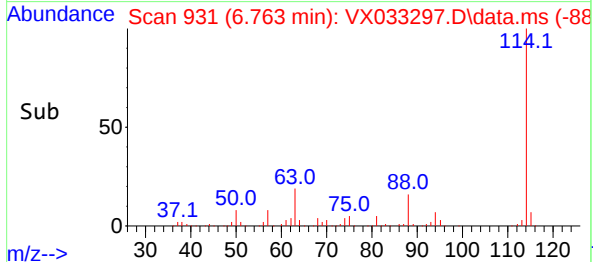
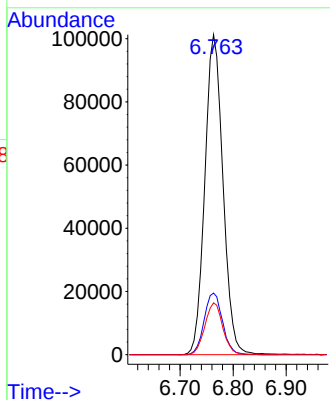
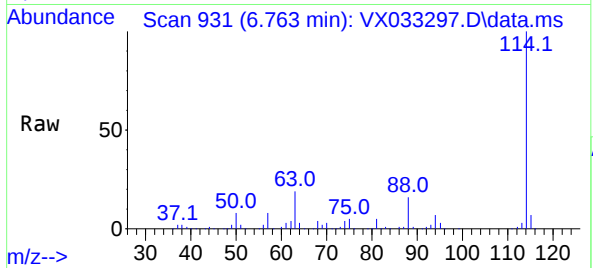




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

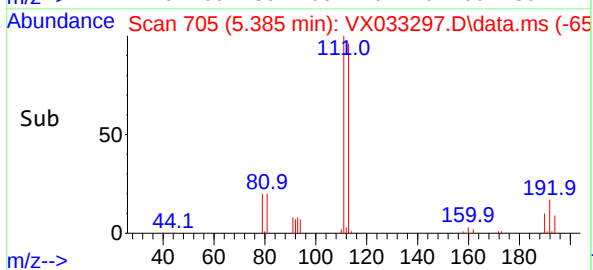
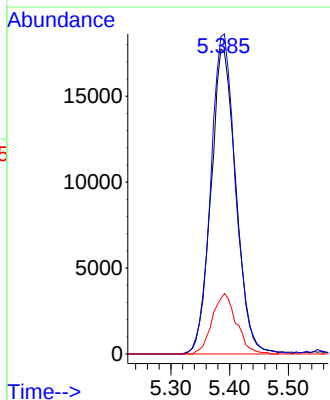
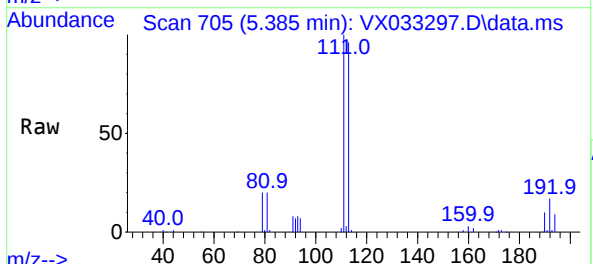
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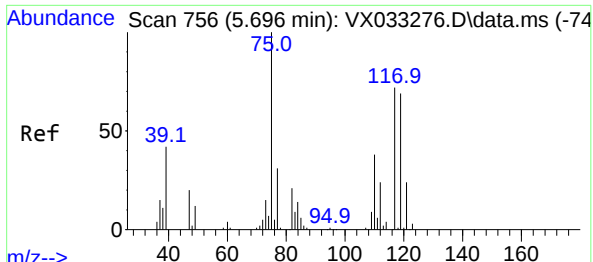
Tgt Ion:114 Resp: 240716
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion:113 Resp: 52513
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

Instrument :

MSVOA_X

ClientSampleId :

A3594TOG

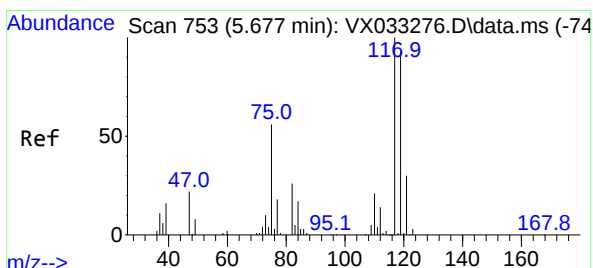
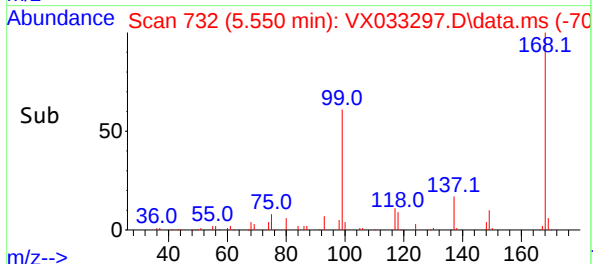
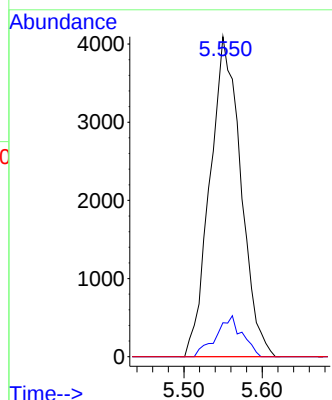
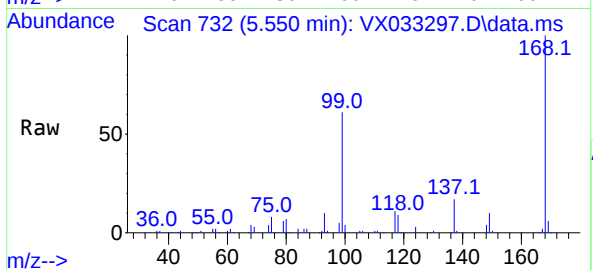
Tgt Ion: 75 Resp: 11219

Ion Ratio Lower Upper

75 100

110 10.8 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.634 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

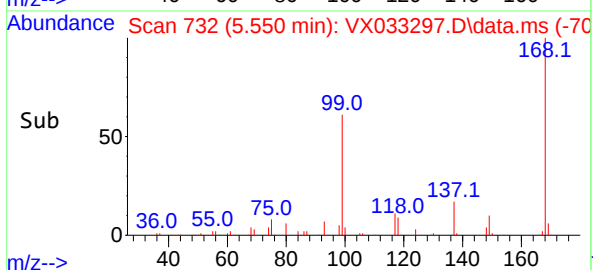
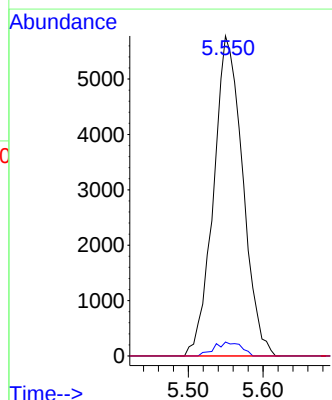
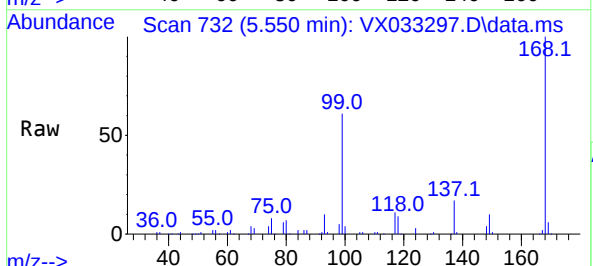
Tgt Ion: 117 Resp: 15690

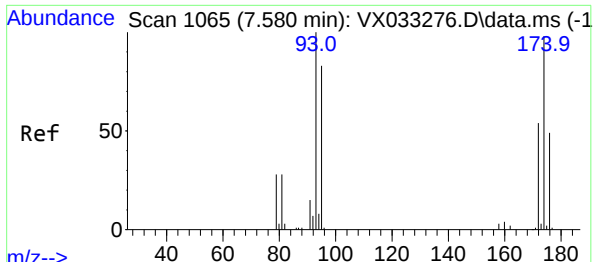
Ion Ratio Lower Upper

117 100

119 4.3 77.2 115.8#

121 0.0 25.8 38.6#





#46
Dibromomethane

Concen: 0.384 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.244 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

Instrument :

MSVOA_X

ClientSampleId :

A3594TOG

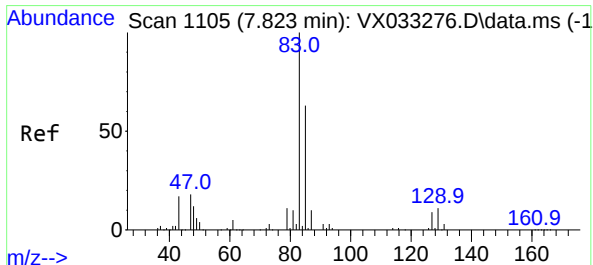
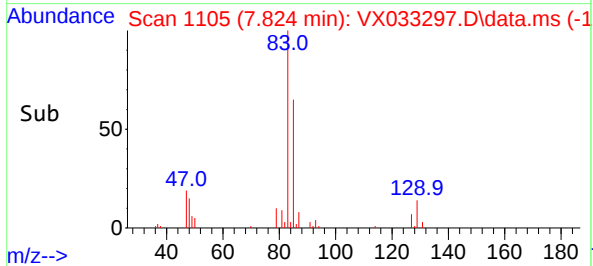
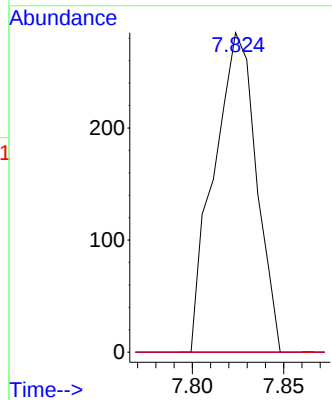
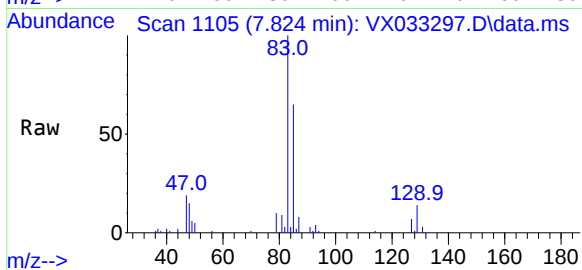
Tgt Ion: 93 Resp: 461

Ion Ratio Lower Upper

93 100

95 0.0 65.8 98.8#

174 0.0 79.8 119.6#



#47

Bromodichloromethane

Concen: 5.860 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

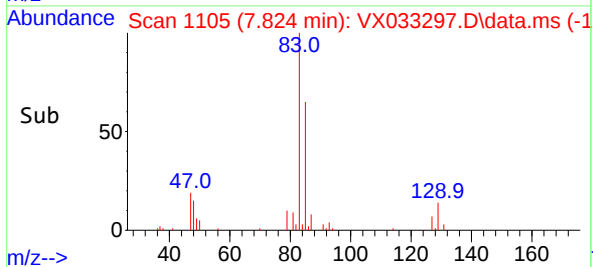
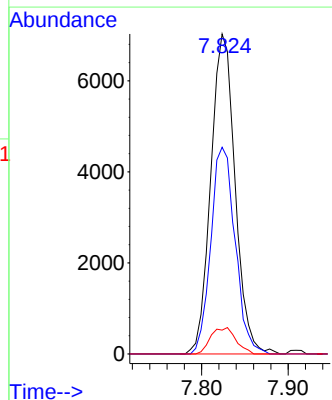
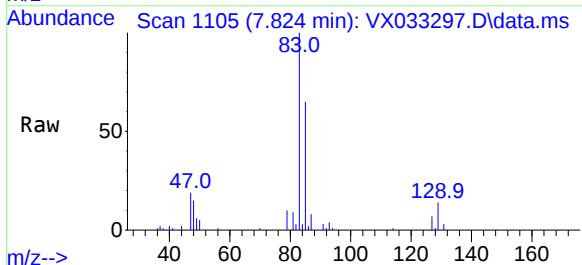
Tgt Ion: 83 Resp: 13697

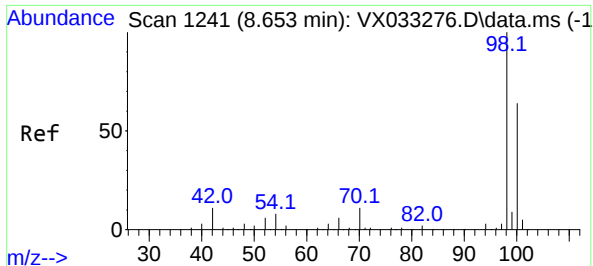
Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

127 7.5 7.4 11.2





#50

Toluene-d8

Concen: 48.347 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033297.D

Acq: 07 Dec 2022 21:28

Instrument :

MSVOA_X

ClientSampleId :

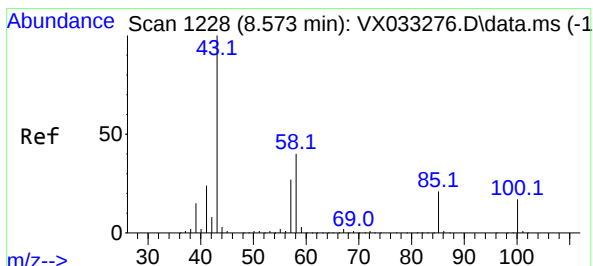
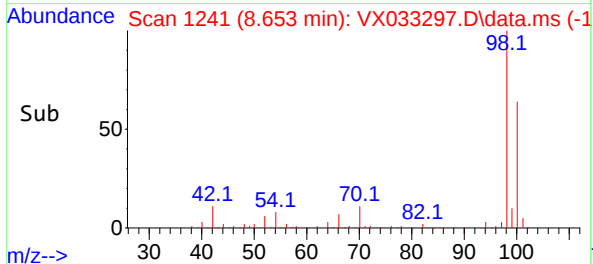
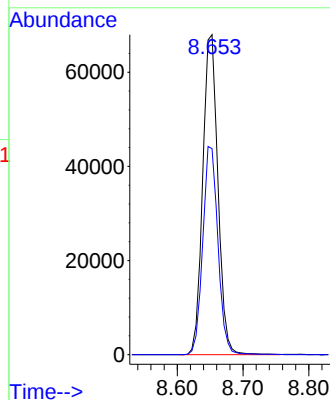
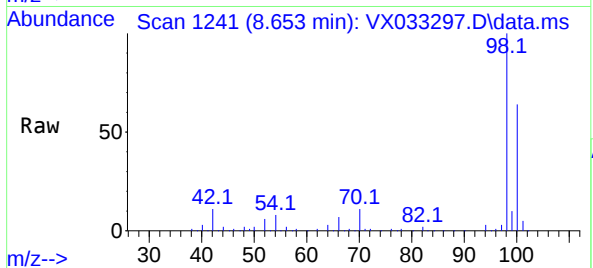
A3594TOG

Tgt Ion: 98 Resp: 109503

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.277 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX033297.D

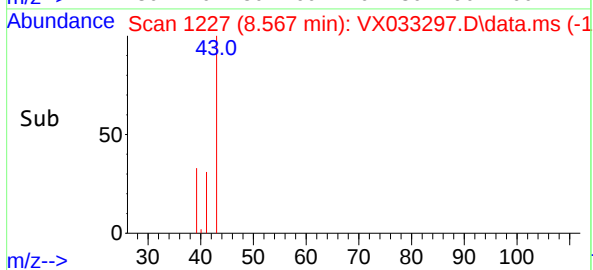
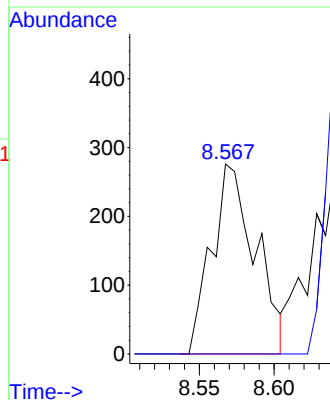
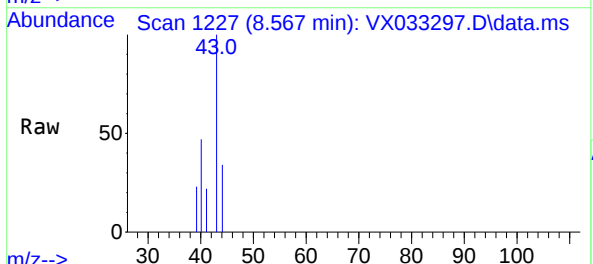
Acq: 07 Dec 2022 21:28

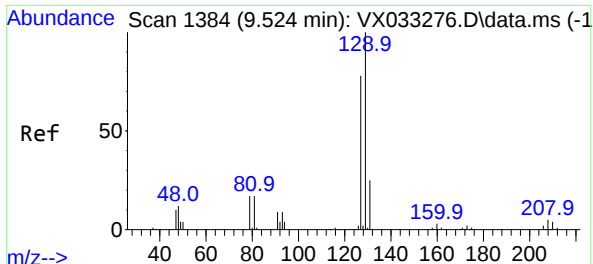
Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

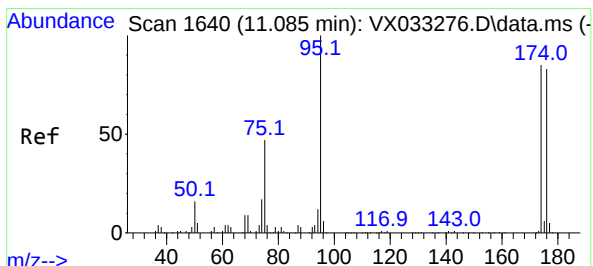
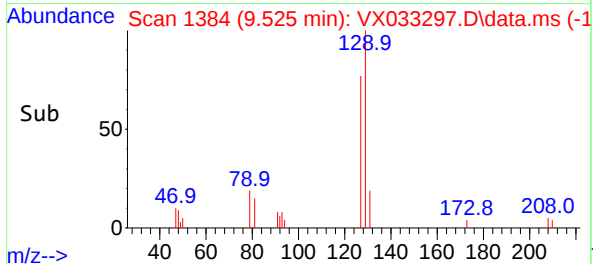
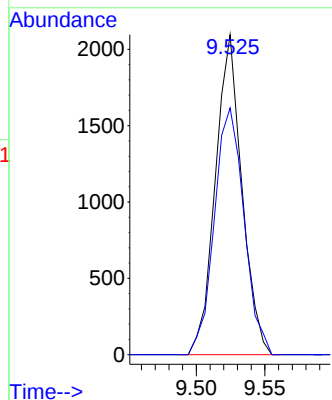
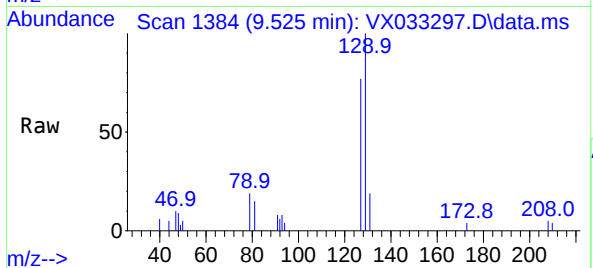




#60
Dibromochloromethane
Concen: 1.531 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

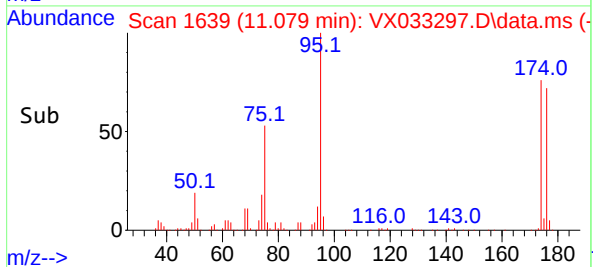
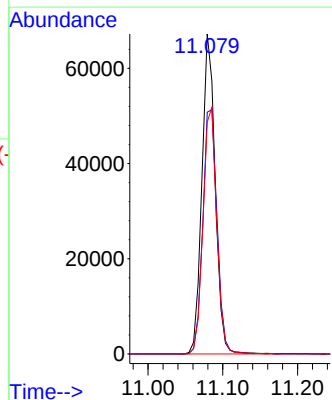
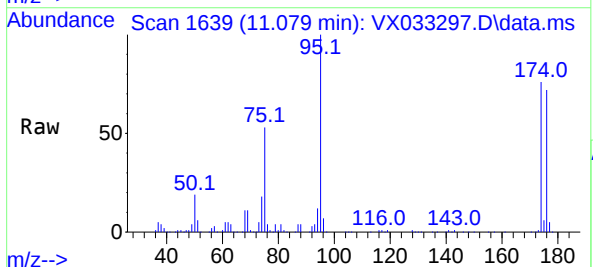
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

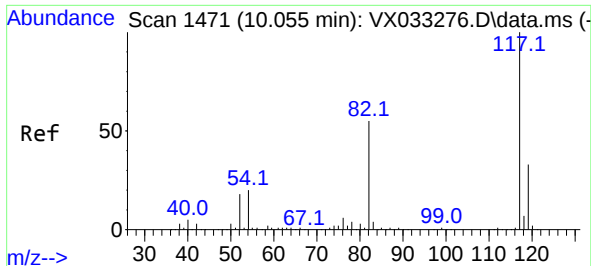
Tgt Ion:129 Resp: 2821
Ion Ratio Lower Upper
129 100
127 86.3 38.6 115.8



#62
4-Bromofluorobenzene
Concen: 47.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion: 95 Resp: 83017
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.3 0.0 154.4

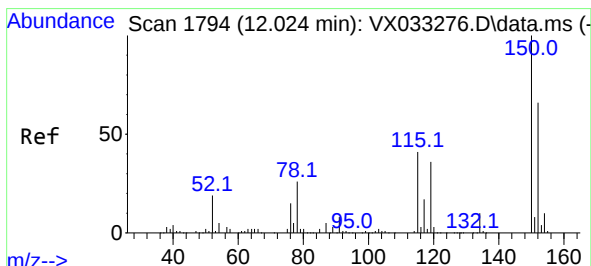
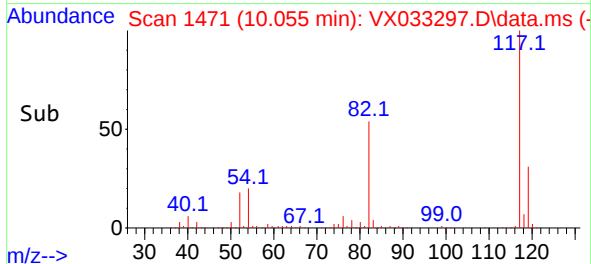
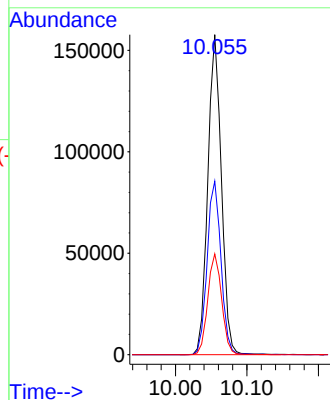
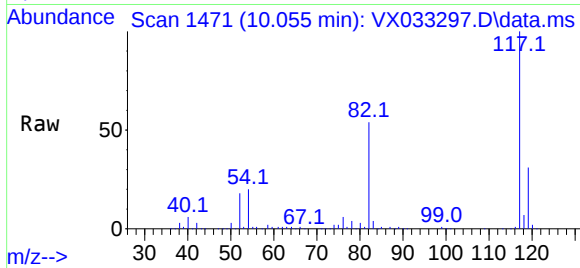




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

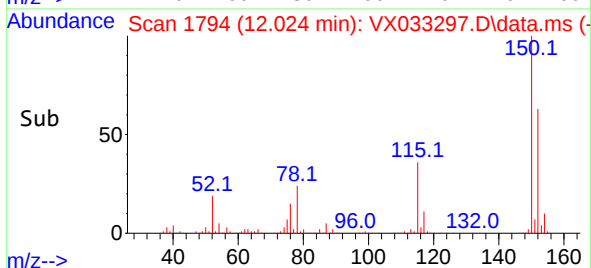
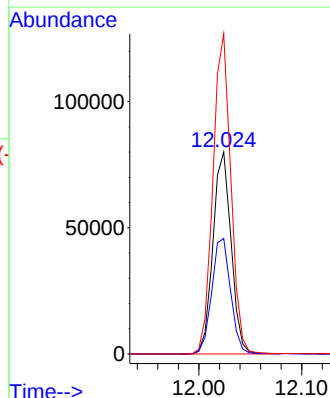
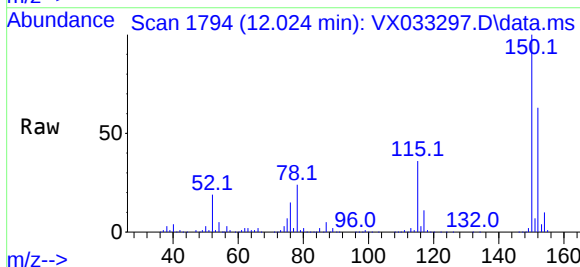
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

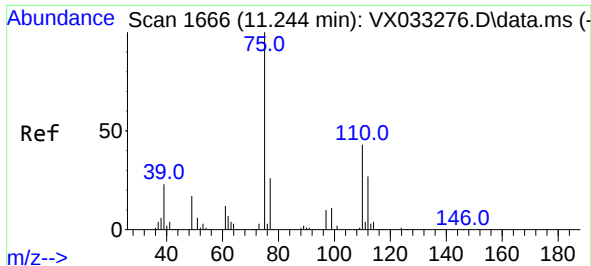
Tgt Ion:117 Resp: 208350
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion:152 Resp: 98386
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 156.4 0.0 351.8

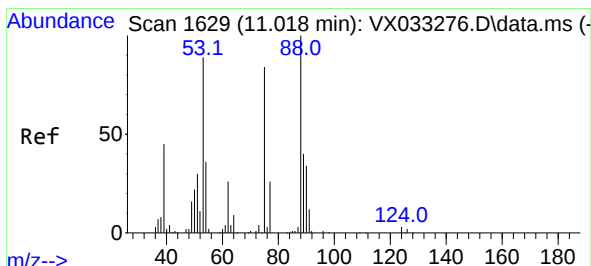
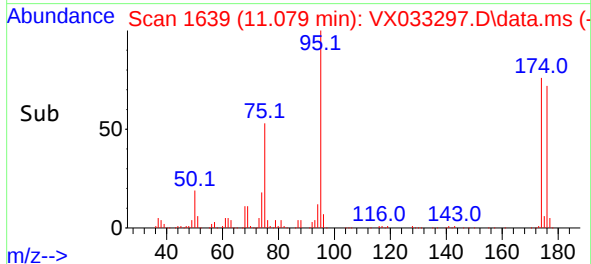
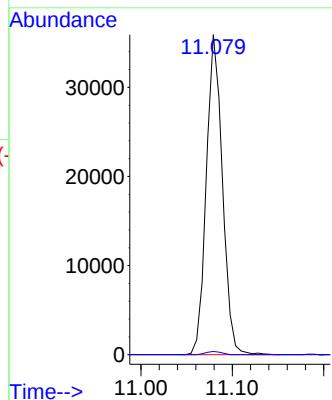
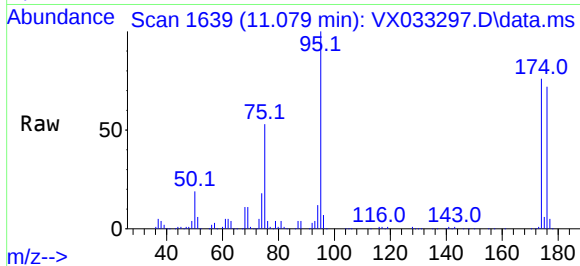




#76
1,2,3-Trichloropropane
Concen: 21.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

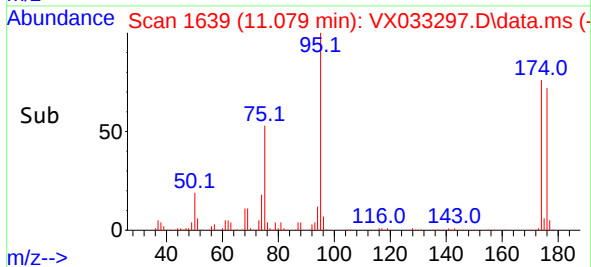
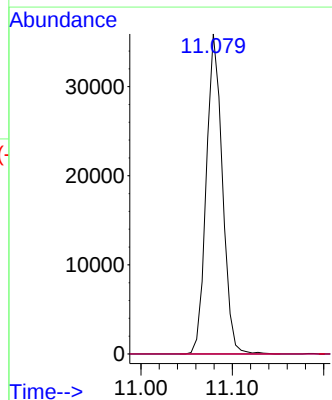
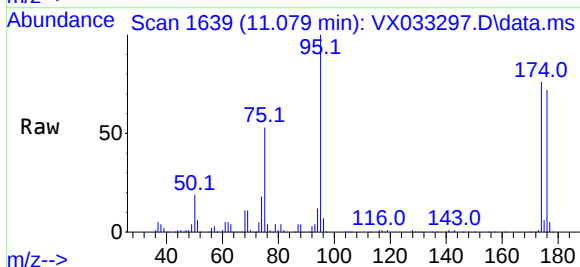
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

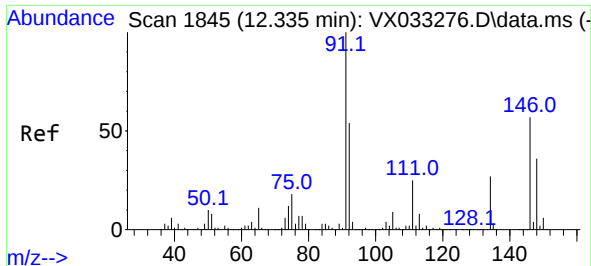
Tgt Ion: 75 Resp: 43825
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.106 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion: 75 Resp: 43825
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

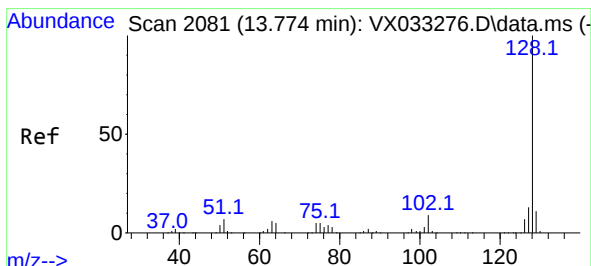
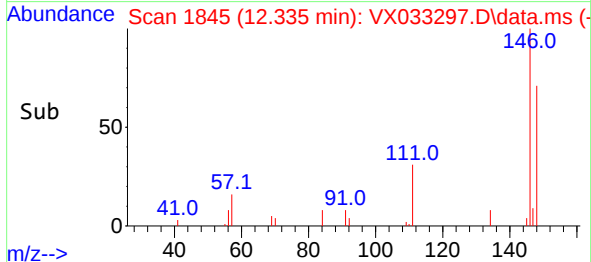
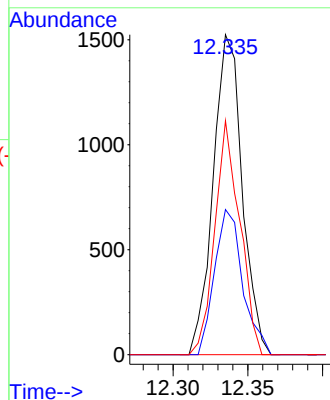
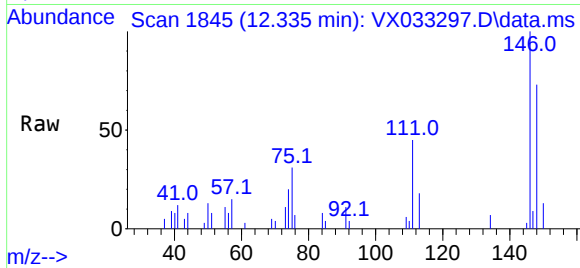




#91
1,2-Dichlorobenzene
Concen: 0.632 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

Tgt Ion:146 Resp: 2060
Ion Ratio Lower Upper
146 100
111 43.9 21.5 64.5
148 62.8 32.0 96.2



#95
Naphthalene
Concen: 0.673 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033297.D
Acq: 07 Dec 2022 21:28

Tgt Ion:128 Resp: 4422
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.4
129 10.9 8.9 13.3

