

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025897.D
 Acq On : 17 Dec 2021 19:49
 Operator : JC/MD
 Sample : PB141495TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141495TB

Quant Time: Dec 19 02:35:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

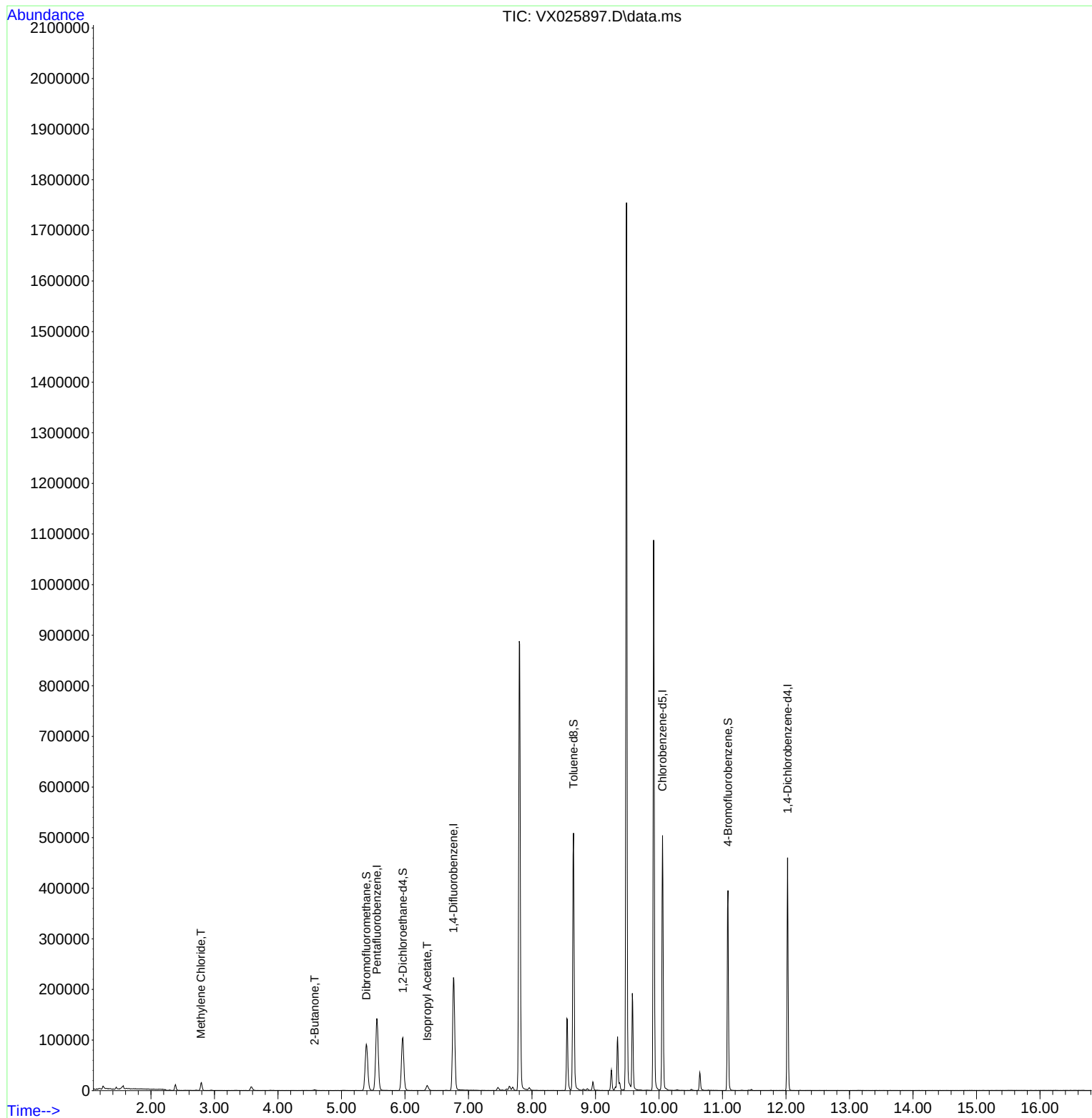
Internal Standards						
1) Pentafluorobenzene	5.556	168	127734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100021	54.422	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.391	113	78764	49.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	8.653	98	297353	51.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.085	95	104726	47.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.940%			
Target Compounds						
20) Methylene Chloride	2.788	84	6532	1.824	ug/l	97
25) 2-Butanone	4.574	43	2150	1.739	ug/l	92
43) Isopropyl Acetate	6.349	43	12715	3.286	ug/l	99

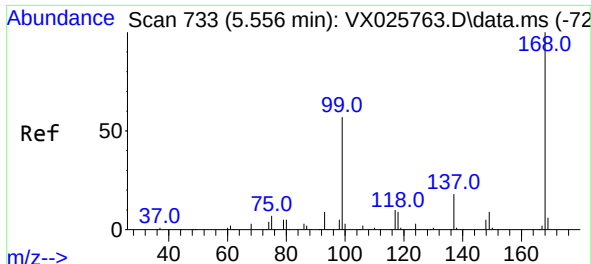
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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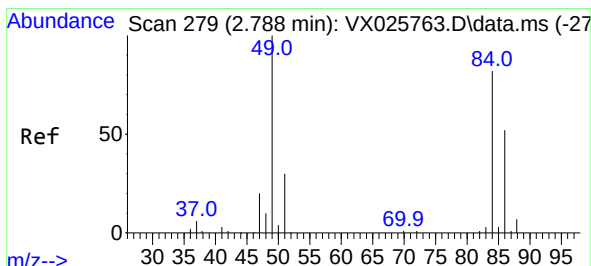
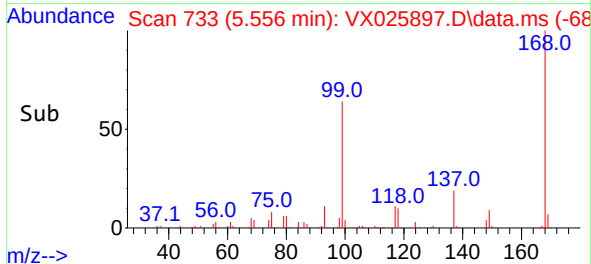
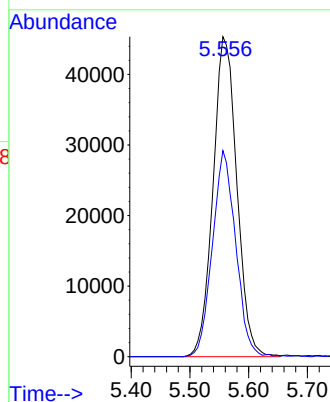
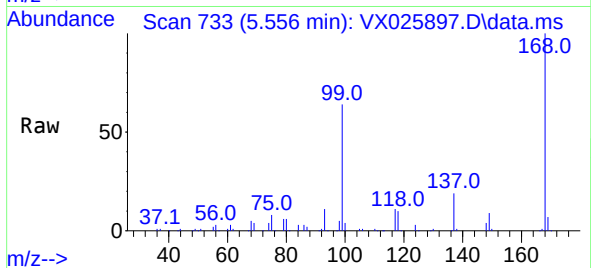




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

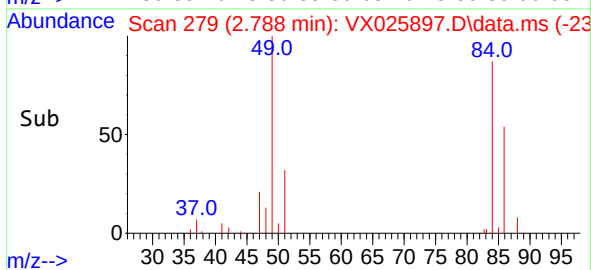
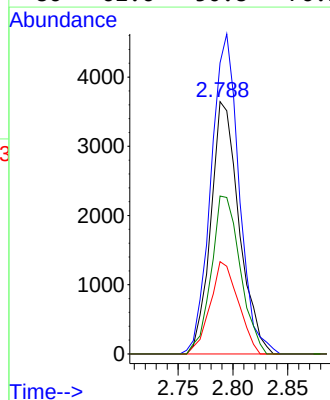
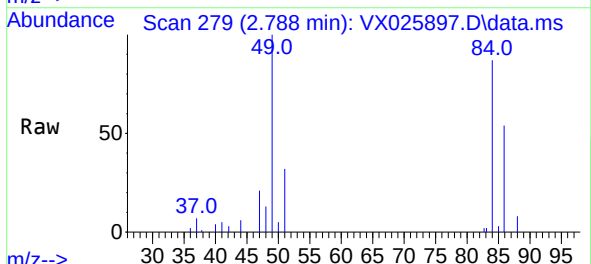
Instrument :
MSVOA_X
ClientSampleId :
PB141495TB

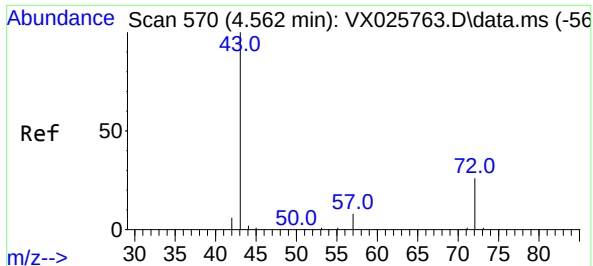
Tgt Ion:168 Resp: 127734
Ion Ratio Lower Upper
168 100
99 64.4 45.8 68.8



#20
Methylene Chloride
Concen: 1.824 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

Tgt Ion: 84 Resp: 6532
Ion Ratio Lower Upper
84 100
49 115.4 97.1 145.7
51 36.6 29.3 43.9
86 62.6 50.8 76.2





#25

2-Butanone

Concen: 1.739 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX025897.D

Acq: 17 Dec 2021 19:49

Instrument :

MSVOA_X

ClientSampleId :

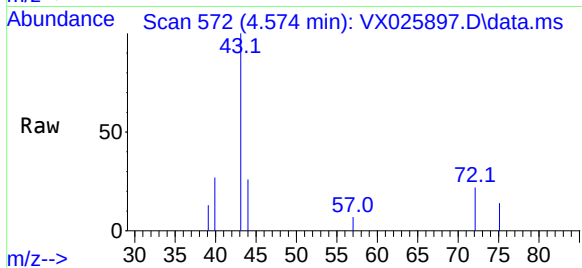
PB141495TB

Tgt Ion: 43 Resp: 2150

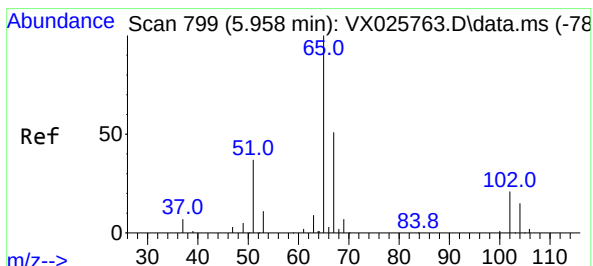
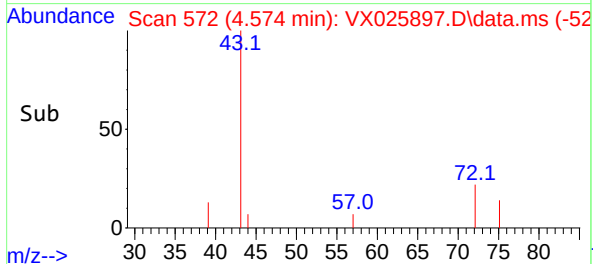
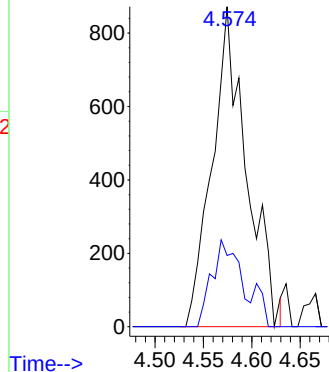
Ion Ratio Lower Upper

43 100

72 22.2 21.0 31.4



Abundance



#33

1,2-Dichloroethane-d4

Concen: 54.422 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025897.D

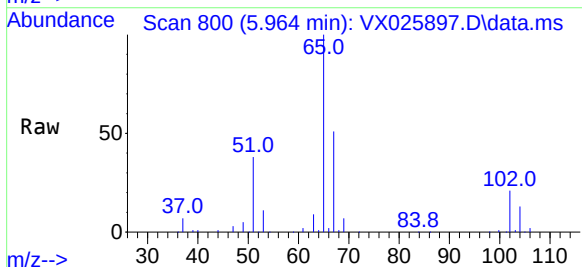
Acq: 17 Dec 2021 19:49

Tgt Ion: 65 Resp: 100021

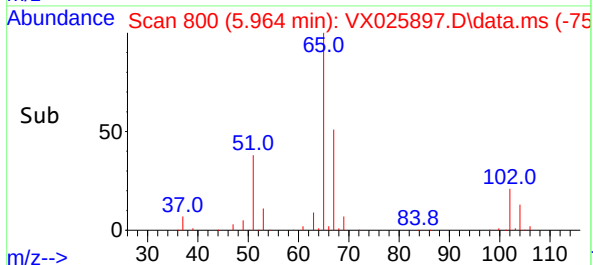
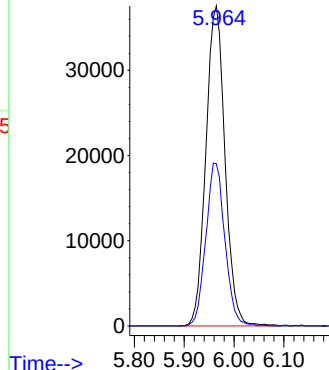
Ion Ratio Lower Upper

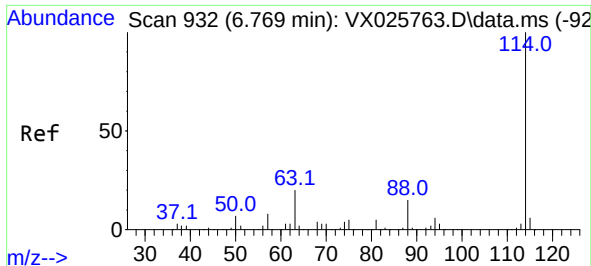
65 100

67 50.7 0.0 103.4



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025897.D

Acq: 17 Dec 2021 19:49

Instrument :

MSVOA_X

ClientSampleId :

PB141495TB

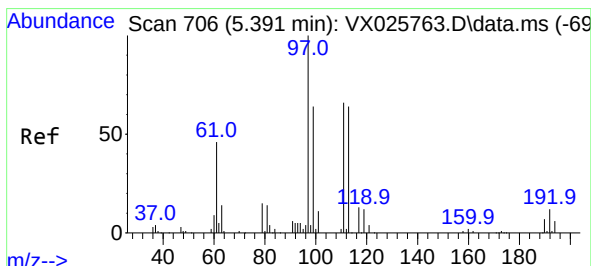
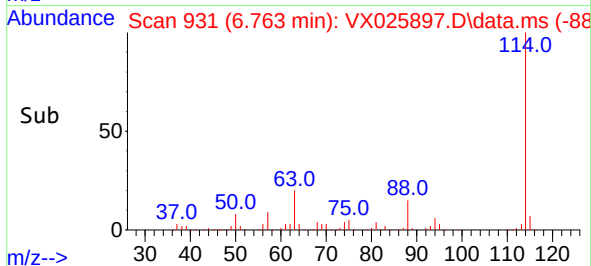
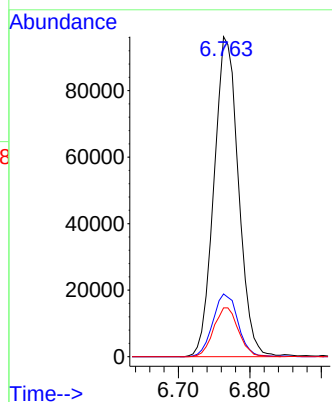
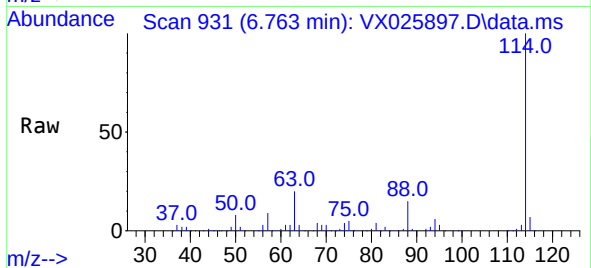
Tgt Ion:114 Resp: 228563

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.412 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX025897.D

Acq: 17 Dec 2021 19:49

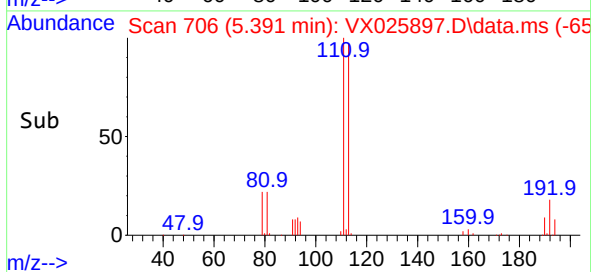
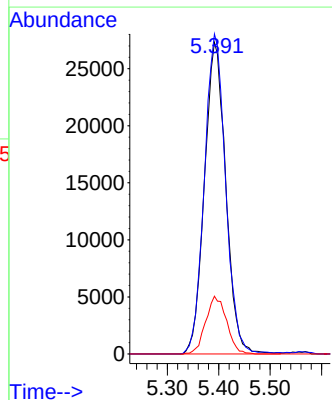
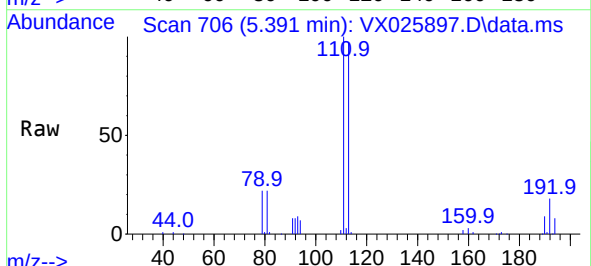
Tgt Ion:113 Resp: 78764

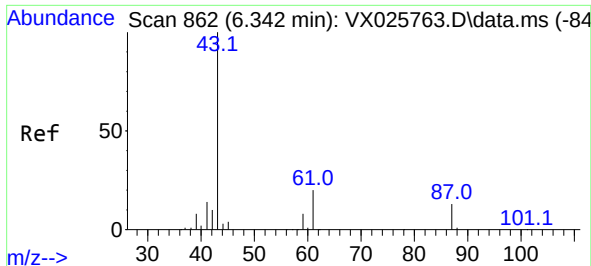
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 18.1 15.0 22.4

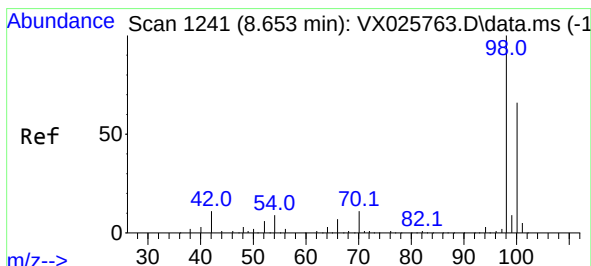
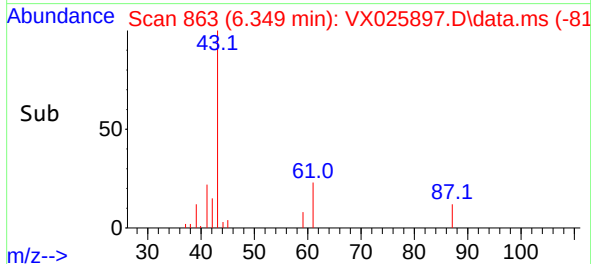
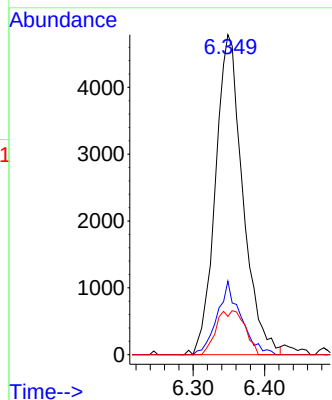
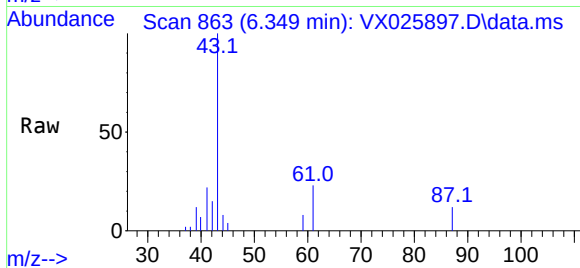




#43
Isopropyl Acetate
Concen: 3.286 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

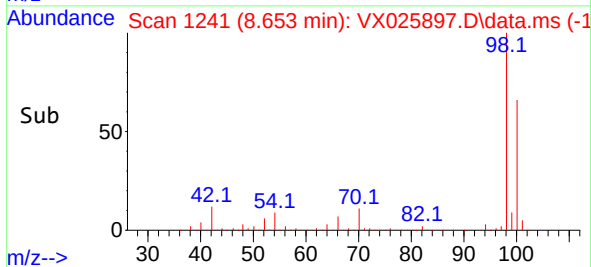
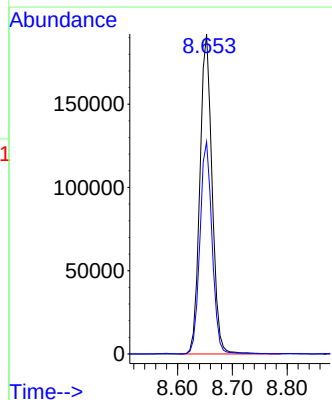
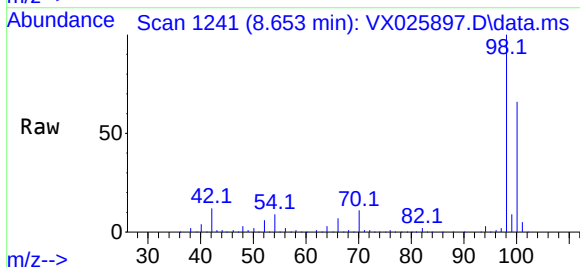
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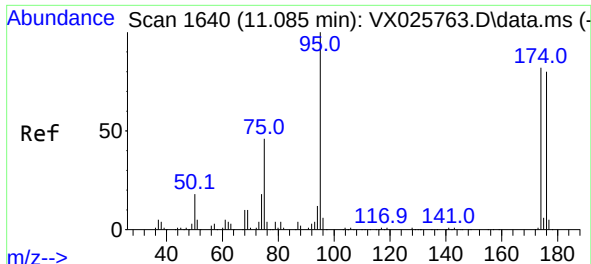
Tgt Ion: 43 Resp: 12715
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 14.4 11.2 16.8



#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

Tgt Ion: 98 Resp: 297353
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

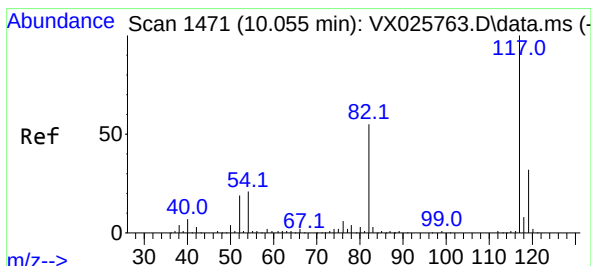
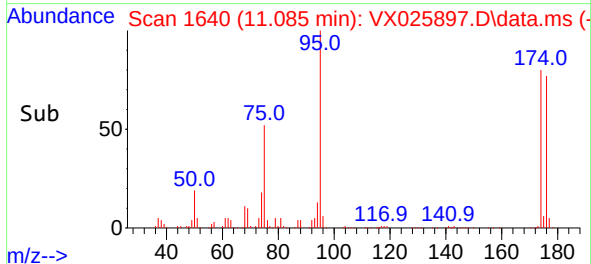
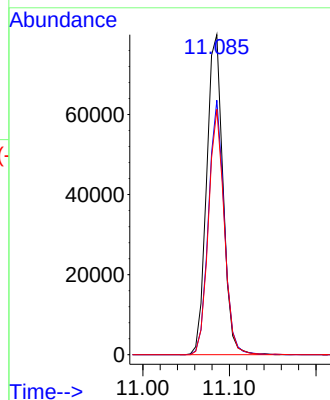
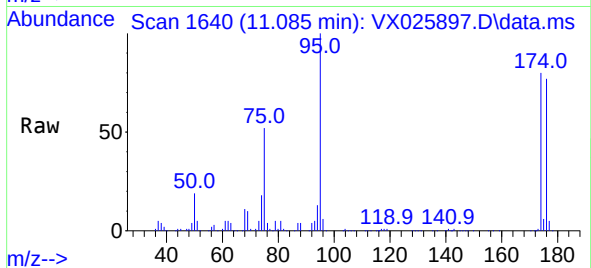




#62
4-Bromofluorobenzene
Concen: 47.469 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

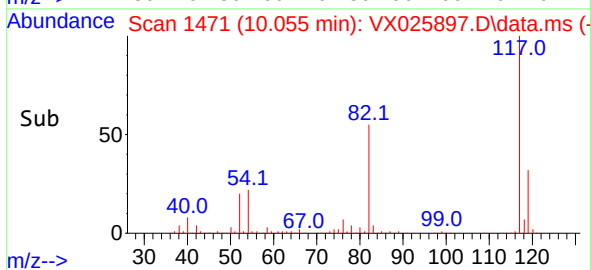
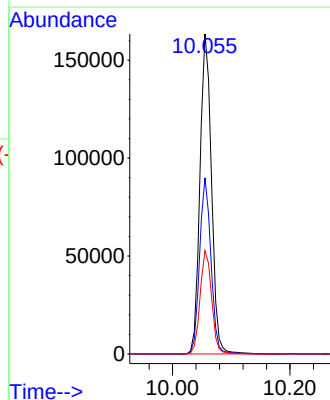
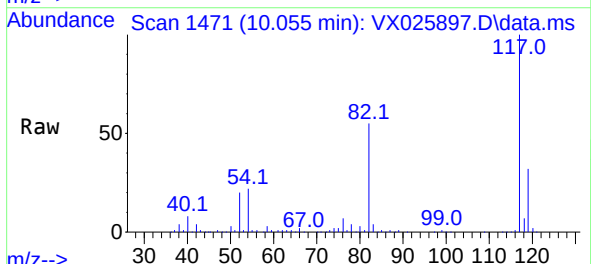
Instrument :
MSVOA_X
ClientSampleId :
PB141495TB

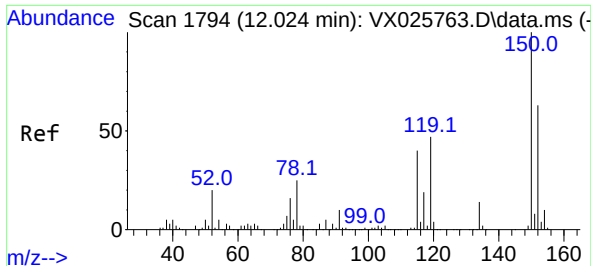
Tgt Ion: 95 Resp: 104726
Ion Ratio Lower Upper
95 100
174 76.3 0.0 157.4
176 73.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025897.D
Acq: 17 Dec 2021 19:49

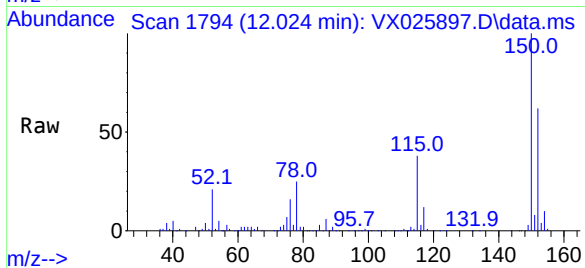
Tgt Ion: 117 Resp: 221739
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 32.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025897.D
 Acq: 17 Dec 2021 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141495TB



Tgt Ion:152 Resp: 88739
 Ion Ratio Lower Upper
 152 100
 115 61.9 41.3 123.9
 150 160.5 0.0 351.8

