

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040495.D
 Acq On : 27 Feb 2024 17:22
 Operator : JC/MD
 Sample : P1613-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1848

Quant Time: Feb 28 02:07:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

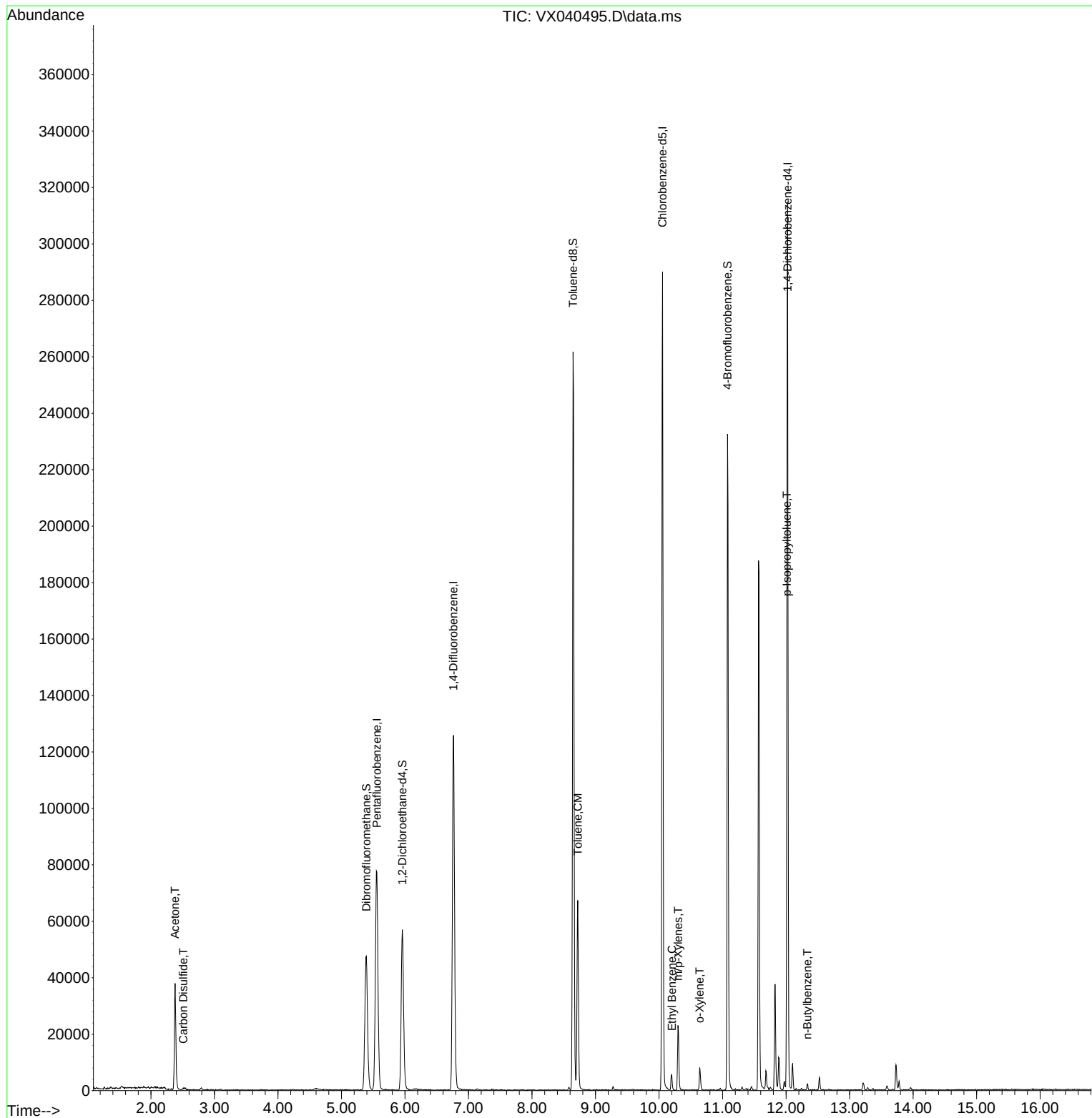
Internal Standards						
1) Pentafluorobenzene	5.556	168	68297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56291	49.278	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.391	113	40749	48.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	8.647	98	150146	49.601	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	59078	51.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.400%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	38248	102.672	ug/l	93
17) Carbon Disulfide	2.508	76	763	0.354	ug/l #	86
52) Toluene	8.720	92	24081	11.280	ug/l	96
67) Ethyl Benzene	10.201	91	3625	0.778	ug/l #	85
68) m/p-Xylenes	10.299	106	5252	3.020	ug/l	99
69) o-Xylene	10.640	106	1741	1.047	ug/l	96
86) p-Isopropyltoluene	12.012	119	1366	0.361	ug/l #	75
89) n-Butylbenzene	12.335	91	891	0.239	ug/l	86

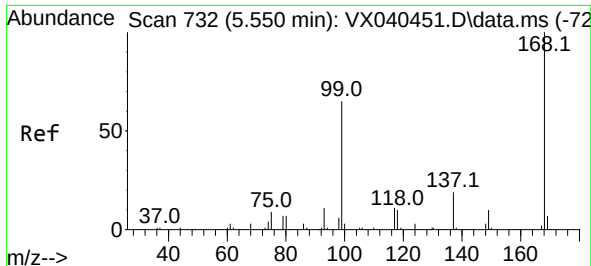
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
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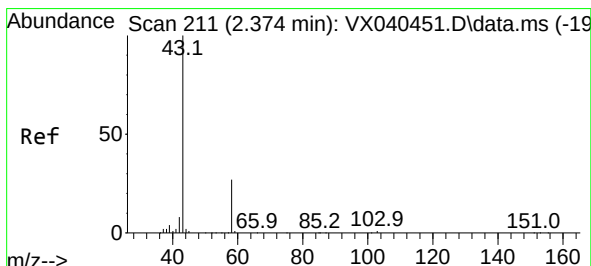
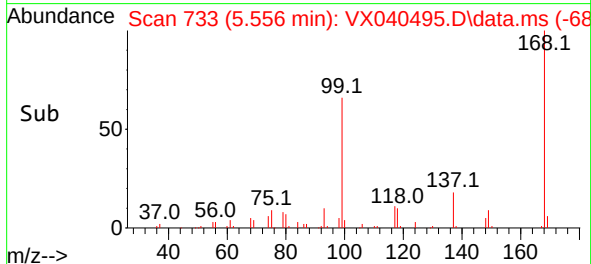
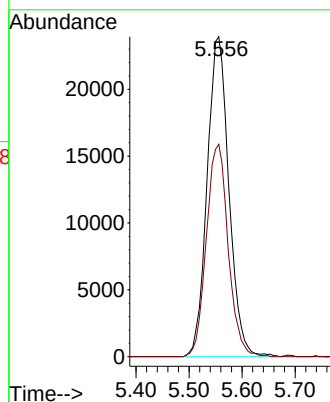
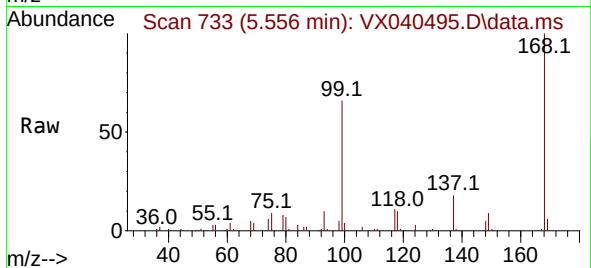




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

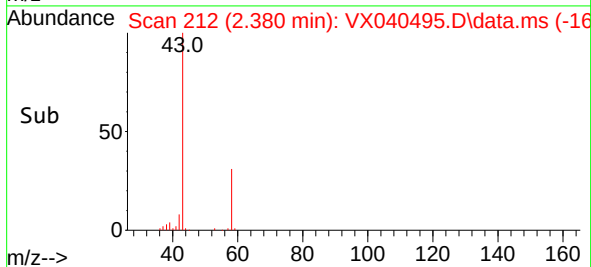
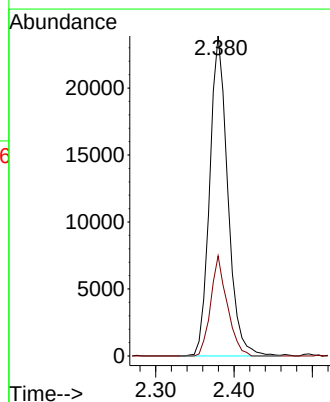
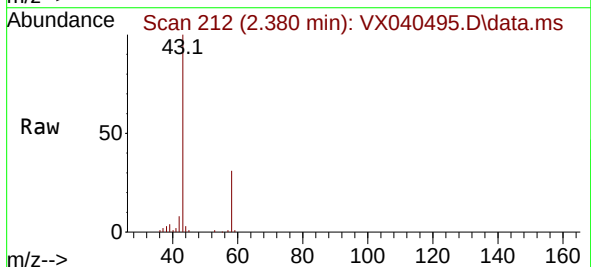
Instrument :
MSVOA_X
ClientSampleId :
1848

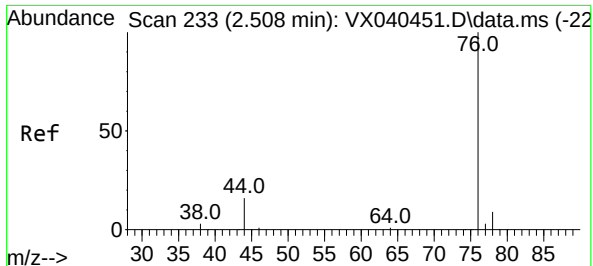
Tgt Ion:168 Resp: 68297
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#16
Acetone
Concen: 102.672 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion: 43 Resp: 38248
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.354 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040495.D

Acq: 27 Feb 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

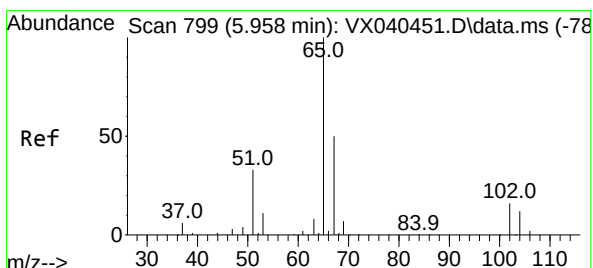
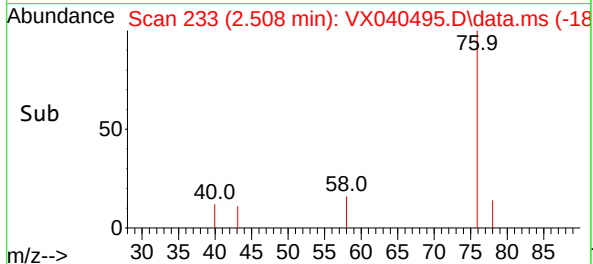
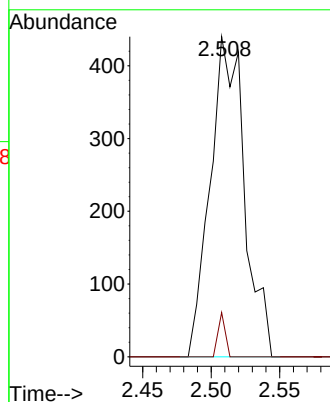
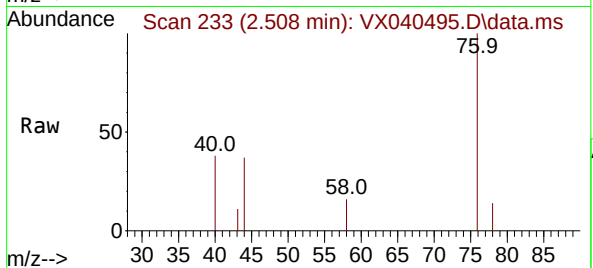
1848

Tgt Ion: 76 Resp: 763

Ion Ratio Lower Upper

76 100

78 13.9 7.0 10.6#



#33

1,2-Dichloroethane-d4

Concen: 49.278 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040495.D

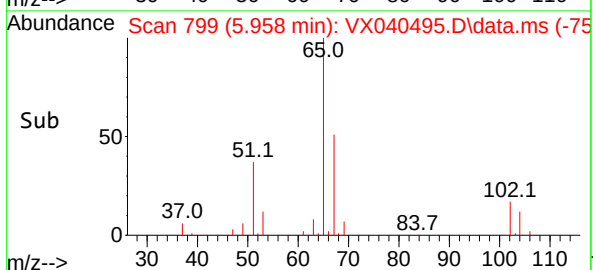
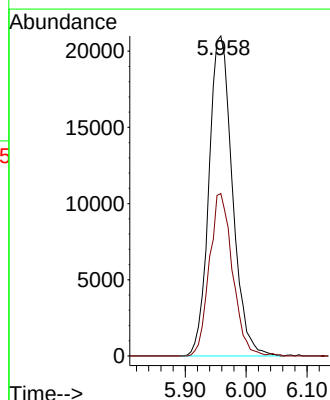
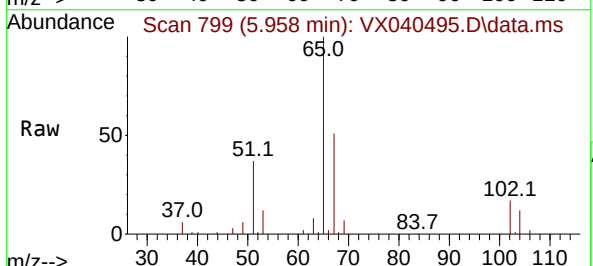
Acq: 27 Feb 2024 17:22

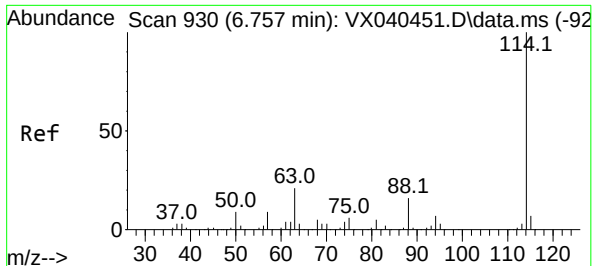
Tgt Ion: 65 Resp: 56291

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.2

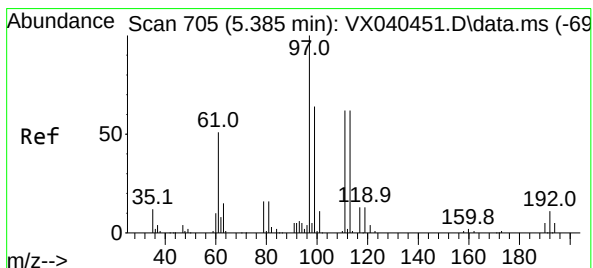
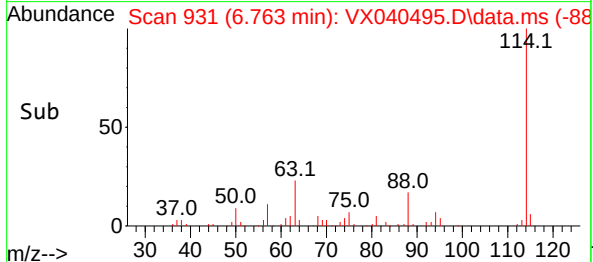
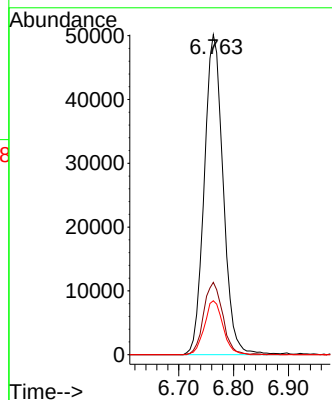
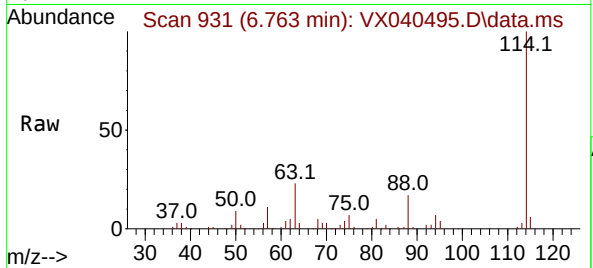




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

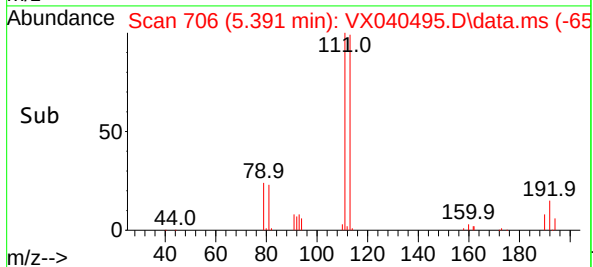
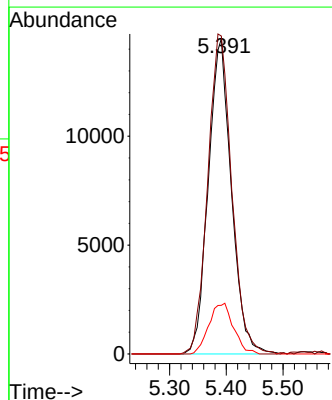
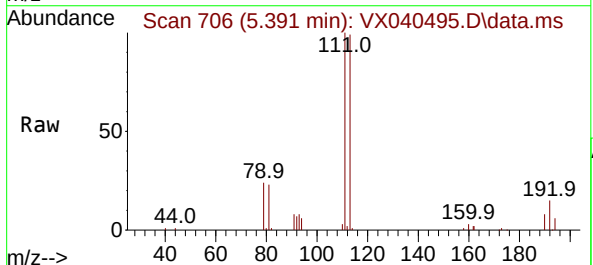
Instrument :
MSVOA_X
ClientSampleId :
1848

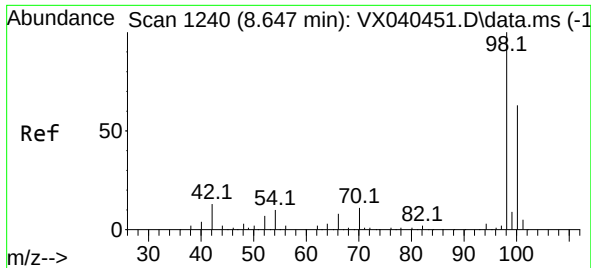
Tgt Ion:114 Resp: 119922
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion:113 Resp: 40749
Ion Ratio Lower Upper
113 100
111 105.6 82.9 124.3
192 17.2 13.3 19.9

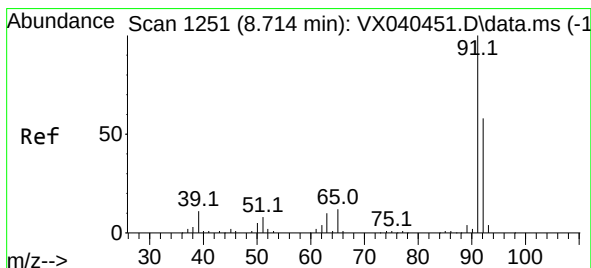
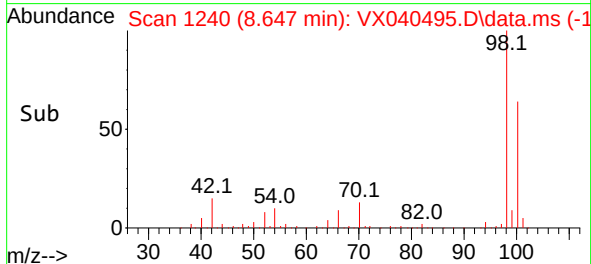
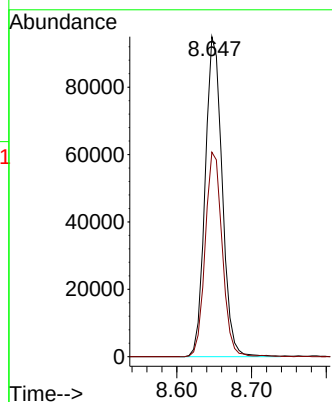
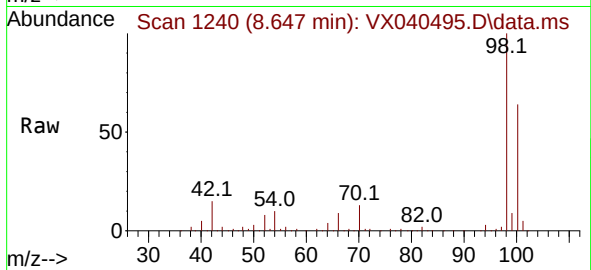




#50
Toluene-d8
Concen: 49.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

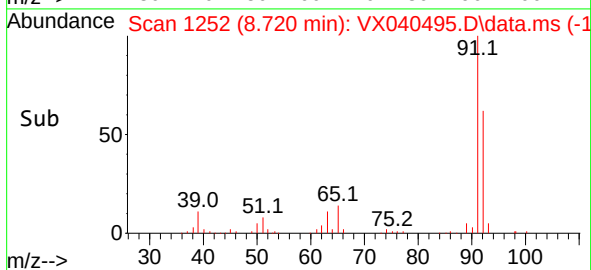
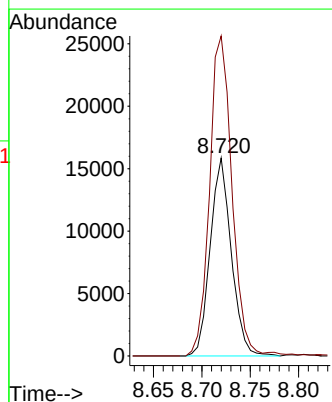
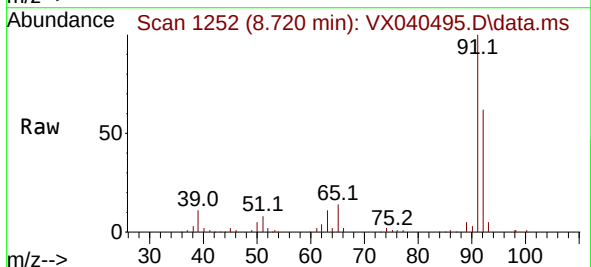
Instrument :
MSVOA_X
ClientSampleId :
1848

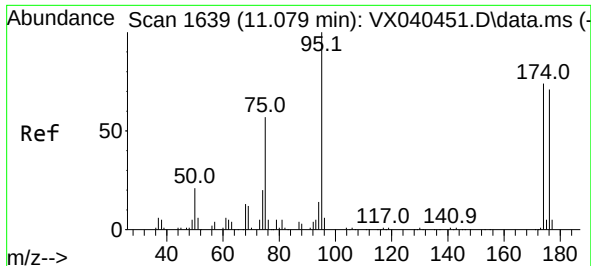
Tgt Ion: 98 Resp: 150146
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 11.280 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion: 92 Resp: 24081
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2

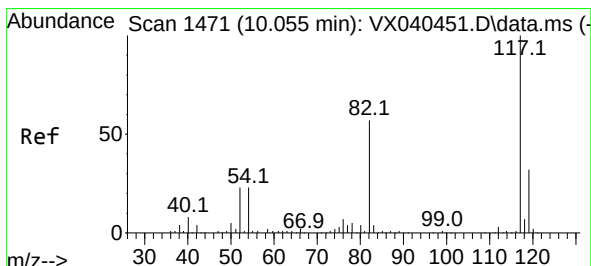
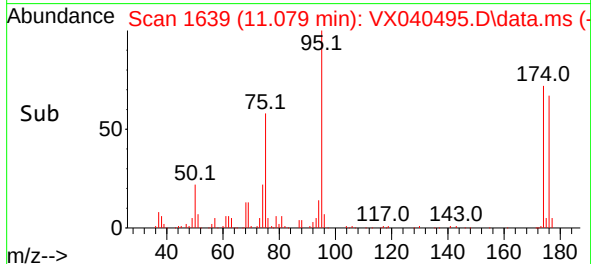
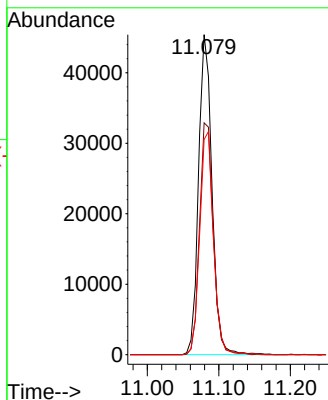
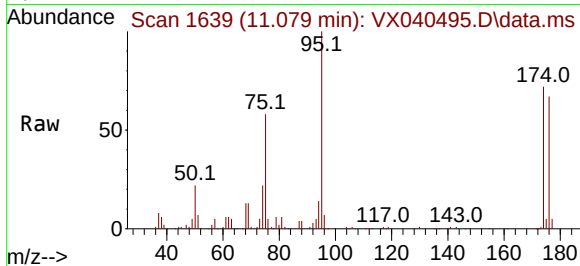




#62
4-Bromofluorobenzene
Concen: 51.199 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

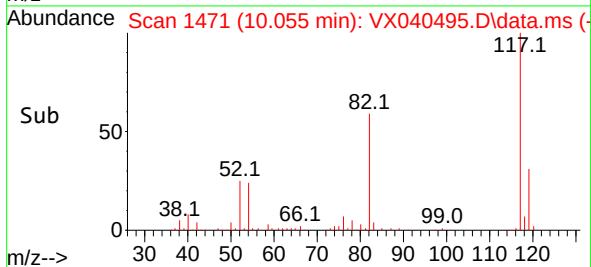
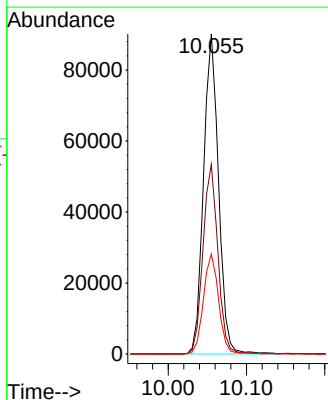
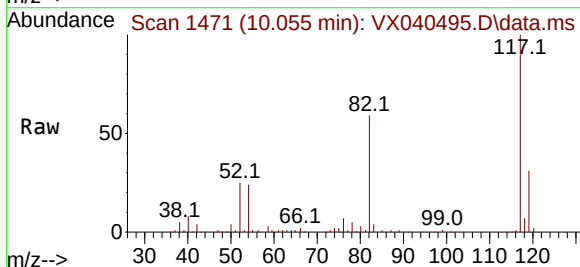
Instrument :
MSVOA_X
ClientSampleId :
1848

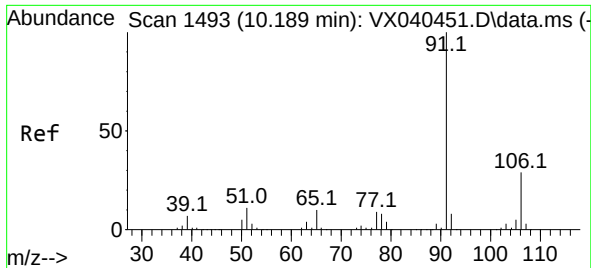
Tgt Ion: 95 Resp: 59078
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion: 117 Resp: 119609
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.2 25.5 38.3





#67

Ethyl Benzene

Concen: 0.778 ug/l

RT: 10.201 min Scan# 1493

Delta R.T. 0.012 min

Lab File: VX040495.D

Acq: 27 Feb 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

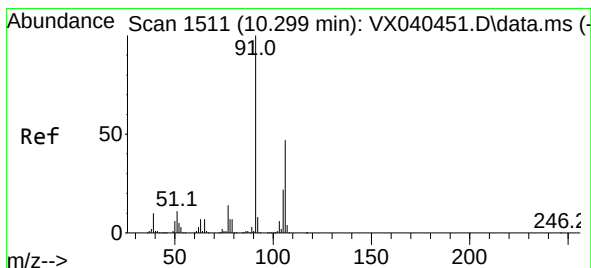
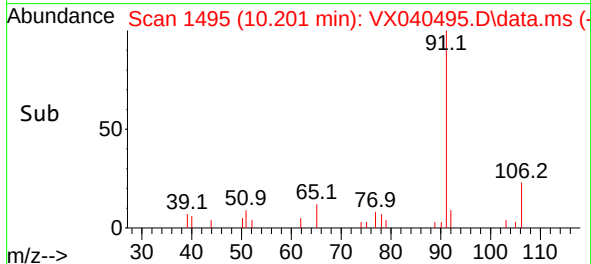
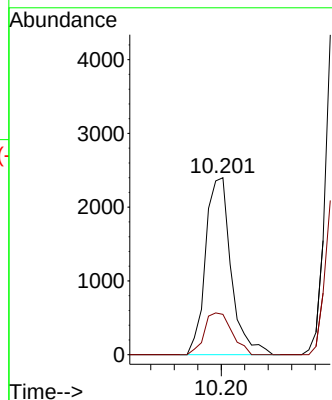
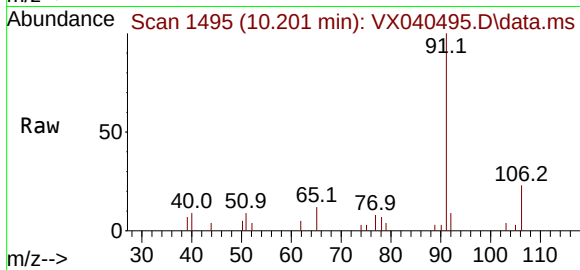
1848

Tgt Ion: 91 Resp: 3625

Ion Ratio Lower Upper

91 100

106 22.8 24.9 37.3#



#68

m/p-Xylenes

Concen: 3.020 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040495.D

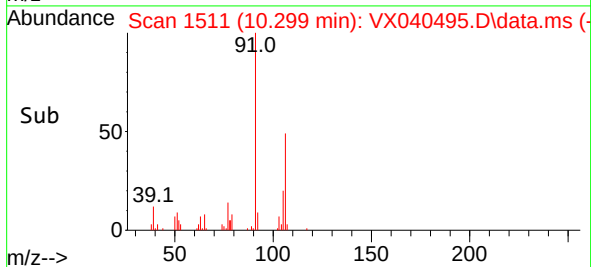
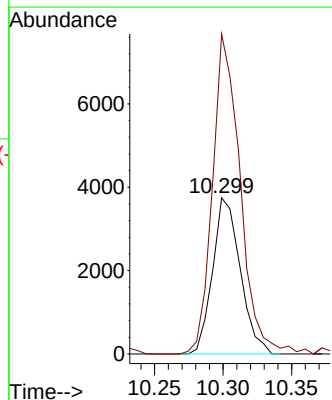
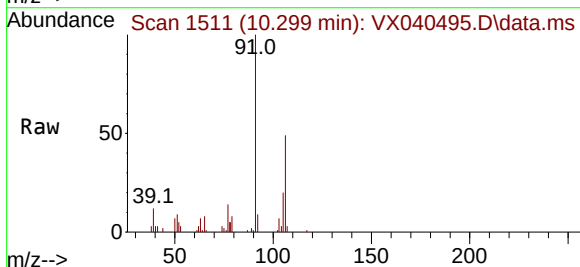
Acq: 27 Feb 2024 17:22

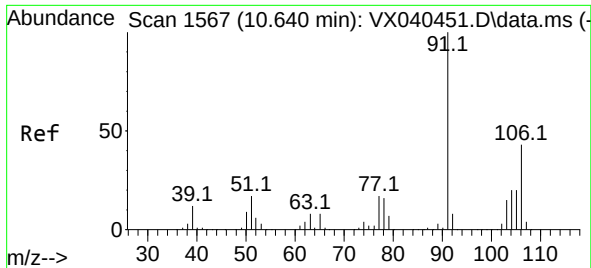
Tgt Ion: 106 Resp: 5252

Ion Ratio Lower Upper

106 100

91 206.1 165.5 248.3

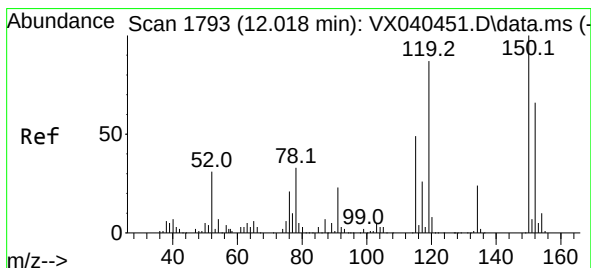
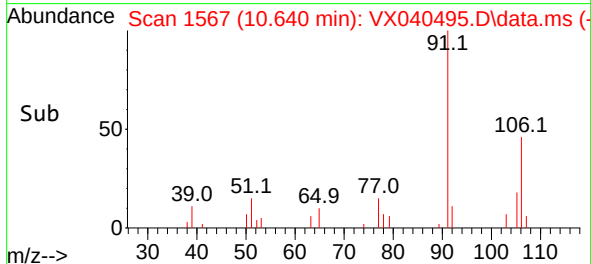
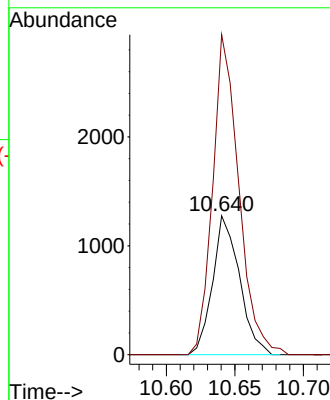
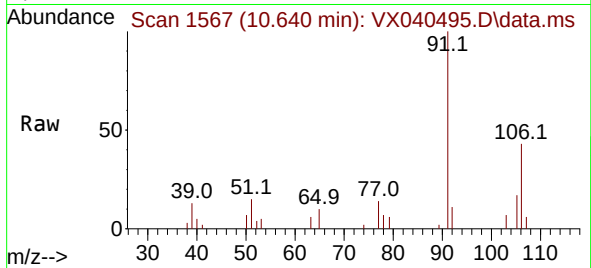




#69
o-Xylene
Concen: 1.047 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

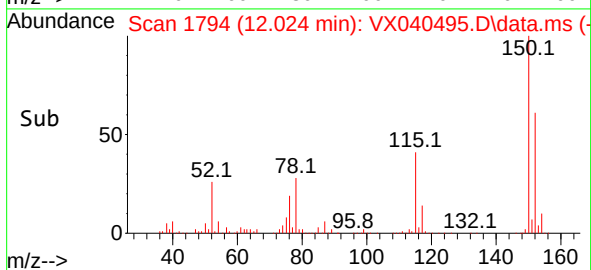
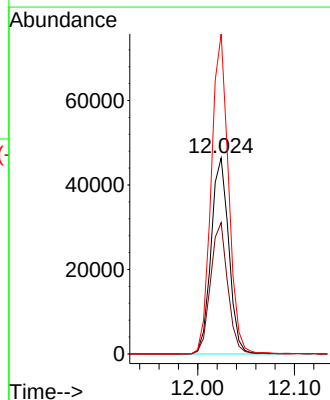
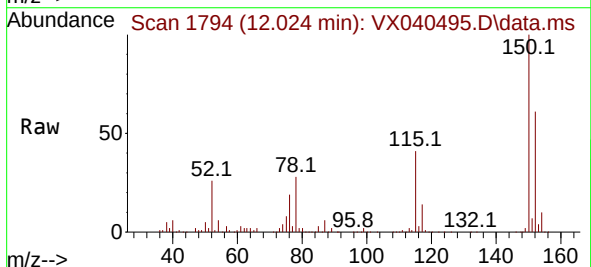
Instrument :
MSVOA_X
ClientSampleId :
1848

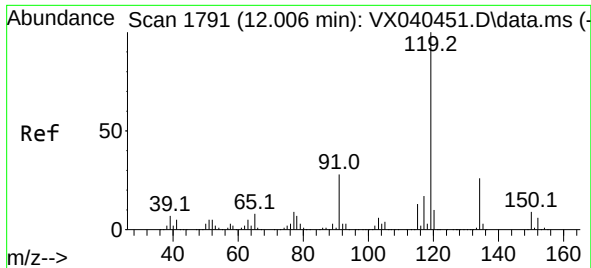
Tgt Ion:106 Resp: 1741
Ion Ratio Lower Upper
106 100
91 224.1 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion:152 Resp: 59142
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 159.0 0.0 345.0

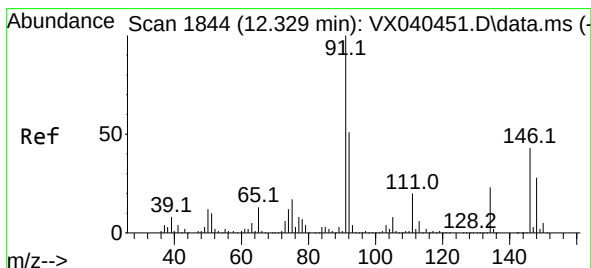
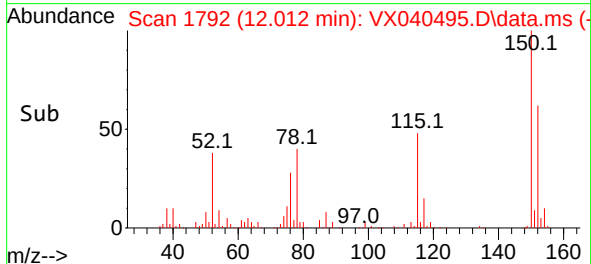
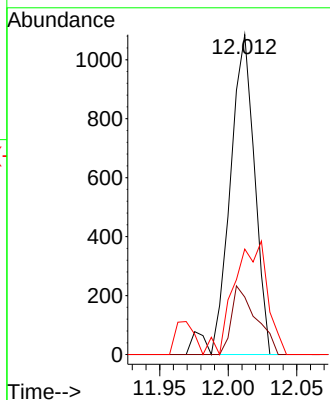
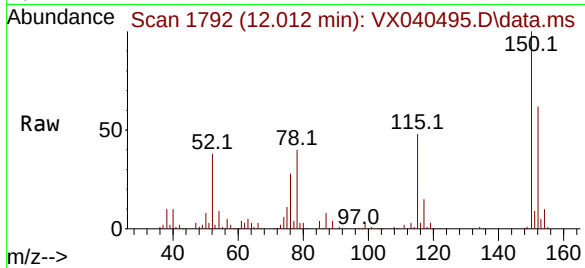




#86
p-Isopropyltoluene
Concen: 0.361 ug/l
RT: 12.012 min Scan# 11848
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :
1848

Tgt Ion:119 Resp: 1366
Ion Ratio Lower Upper
119 100
134 21.2 12.8 38.3
91 47.4 13.1 39.3#



#89
n-Butylbenzene
Concen: 0.239 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040495.D
Acq: 27 Feb 2024 17:22

Tgt Ion: 91 Resp: 891
Ion Ratio Lower Upper
91 100
92 41.8 27.4 82.0
134 23.2 12.6 37.8

