

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038484.D
 Acq On : 25 Oct 2023 16:53
 Operator : JC/MD
 Sample : 05038-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1067

Quant Time: Oct 26 04:07:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

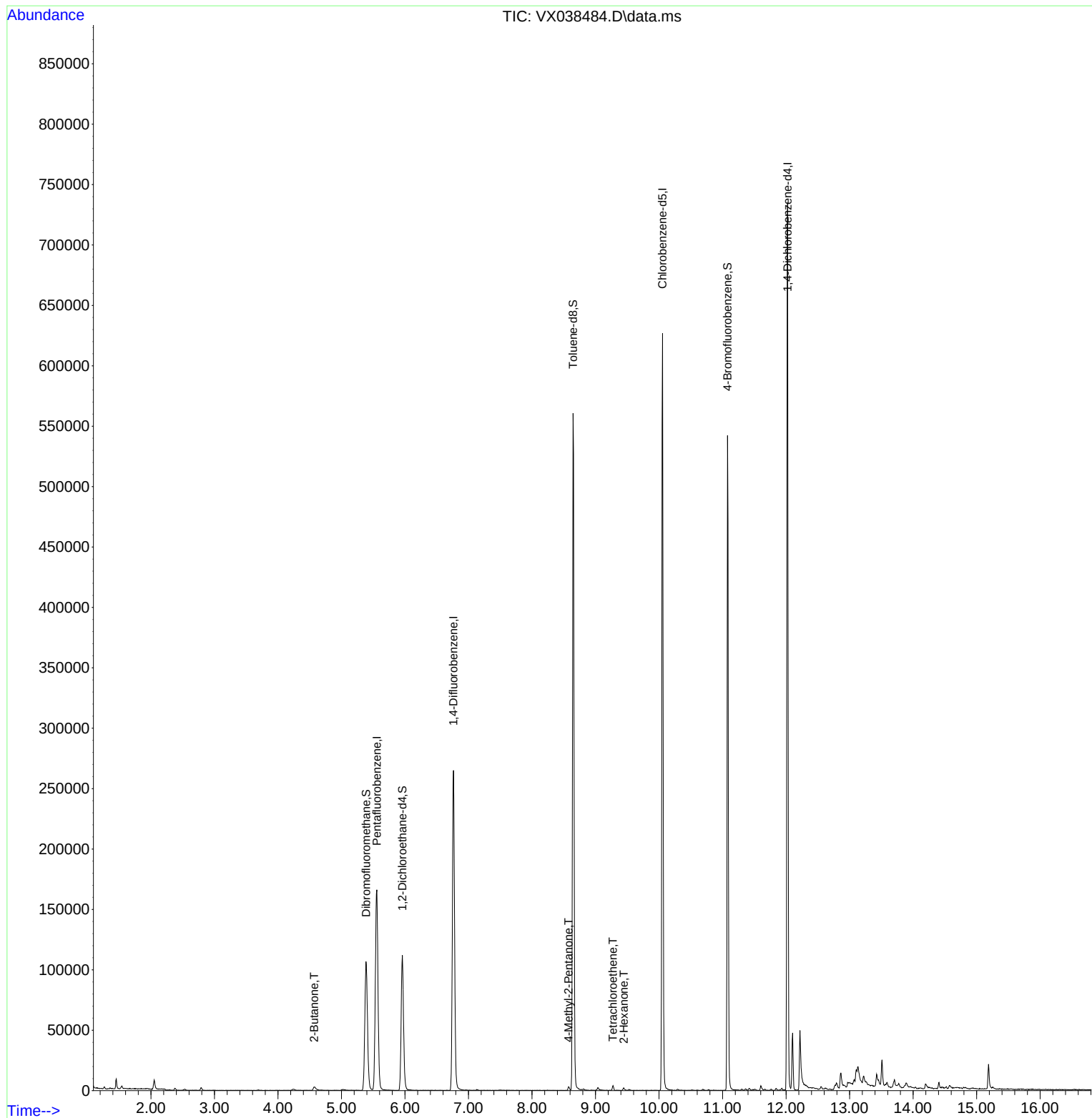
Internal Standards						
1) Pentafluorobenzene	5.556	168	164531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	282975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104954	39.660	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.320%
35) Dibromofluoromethane	5.385	113	93171	45.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	346889	44.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.040%#
62) 4-Bromofluorobenzene	11.079	95	136431	46.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
						Qvalue
25) 2-Butanone	4.568	43	5414	3.038	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1768	0.514	ug/l	98
59) 2-Hexanone	9.445	43	1375	0.497	ug/l	83
64) Tetrachloroethene	9.275	164	685	0.362	ug/l	93

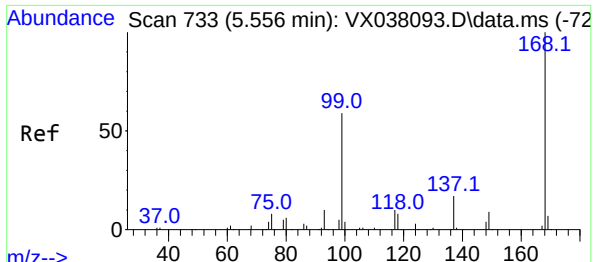
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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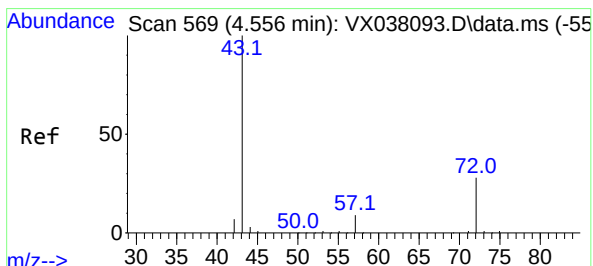
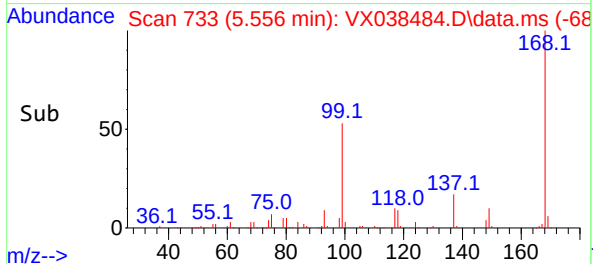
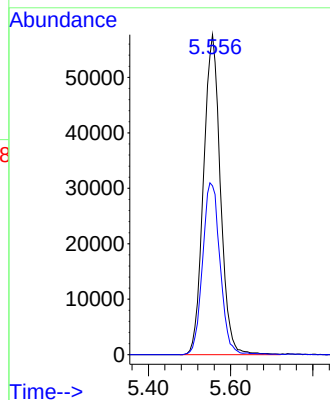
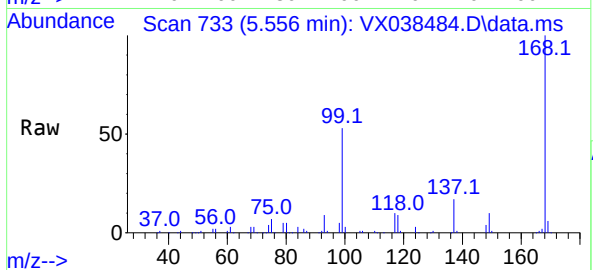




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

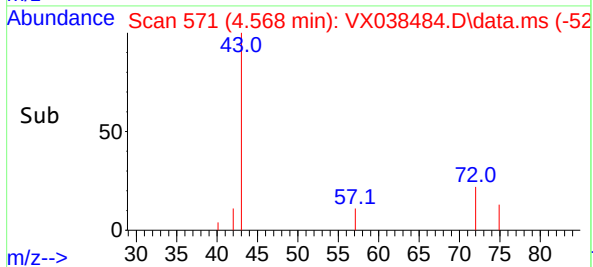
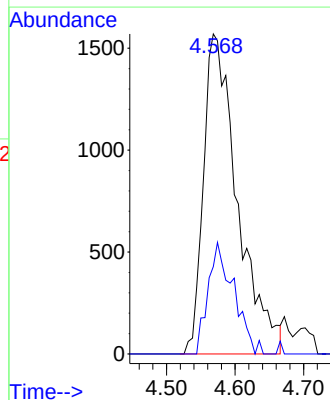
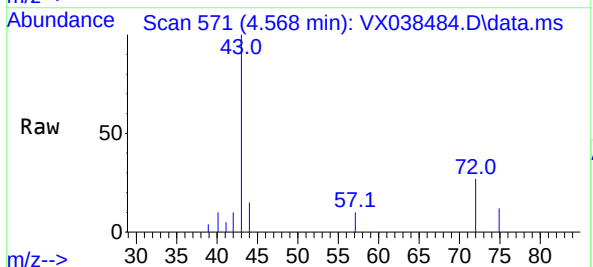
Instrument :
MSVOA_X
ClientSampleId :
AUD-1067

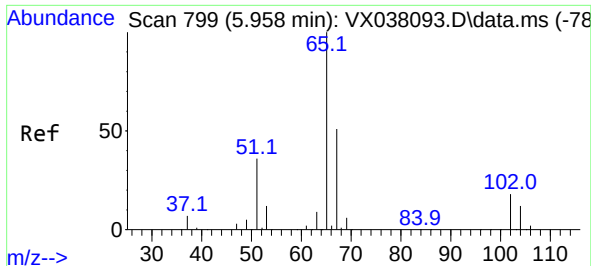
Tgt Ion:168 Resp: 164531
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#25
2-Butanone
Concen: 3.038 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 43 Resp: 5414
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

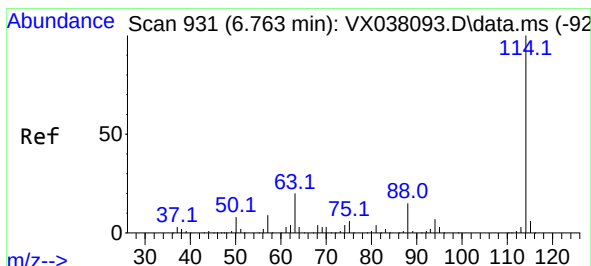
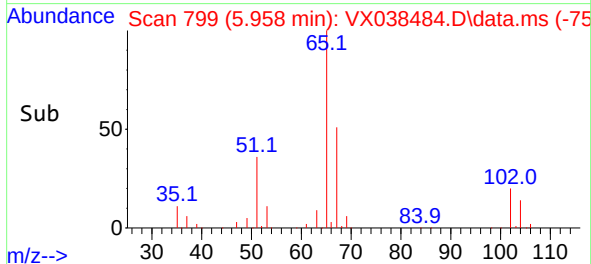
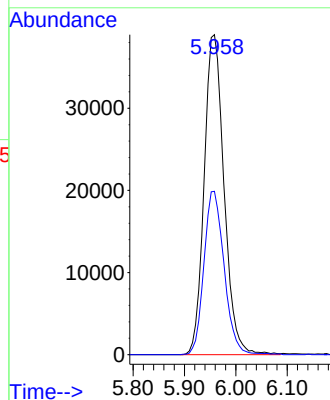
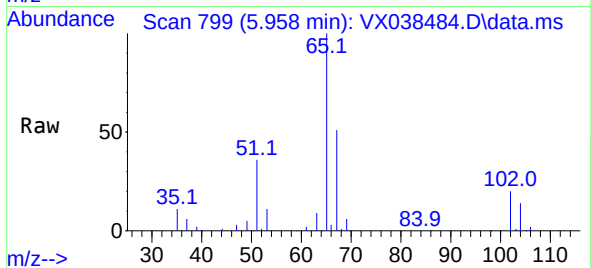




#33
1,2-Dichloroethane-d4
Concen: 39.660 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

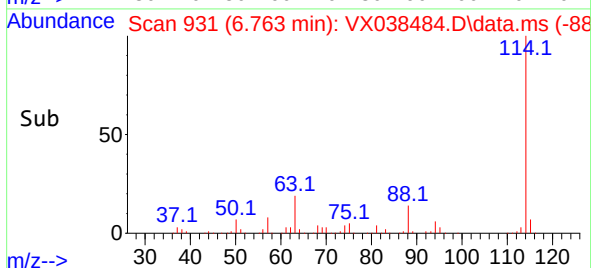
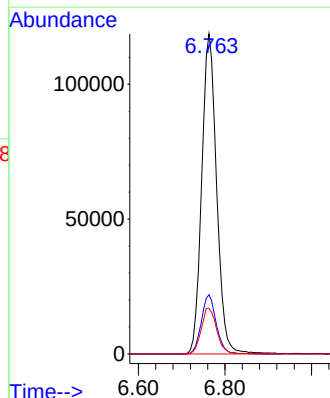
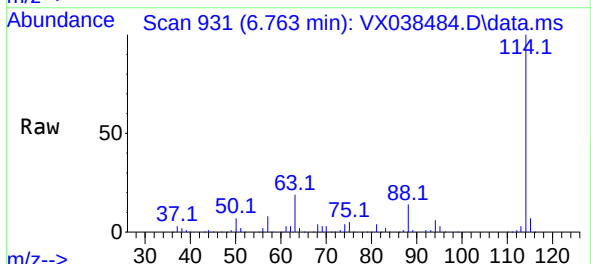
Instrument :
MSVOA_X
ClientSampleId :
AUD-1067

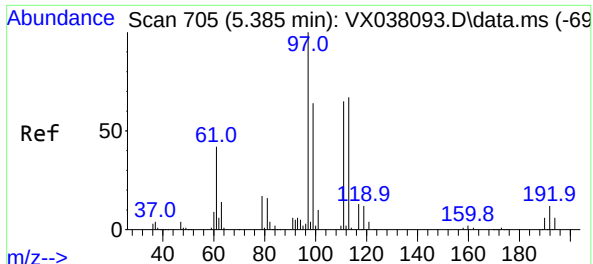
Tgt Ion: 65 Resp: 104954
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 114 Resp: 282975
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.3 0.0 36.6

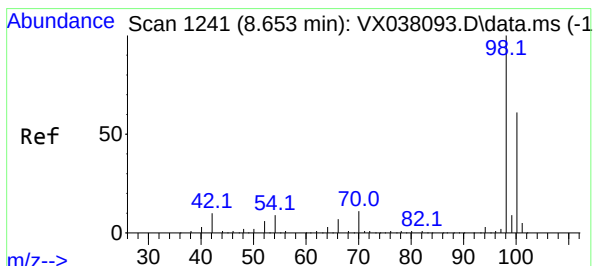
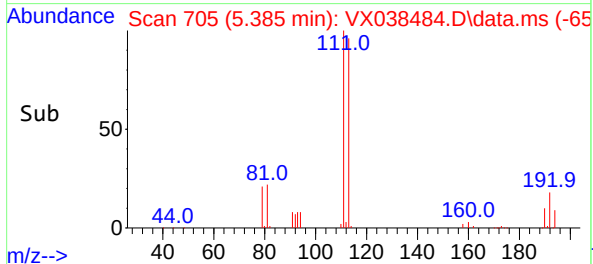
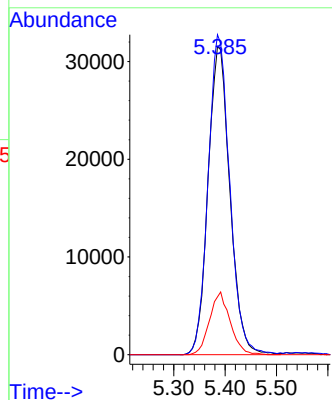
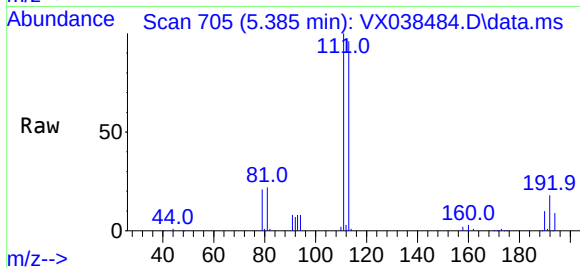




#35
Dibromofluoromethane
Concen: 45.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

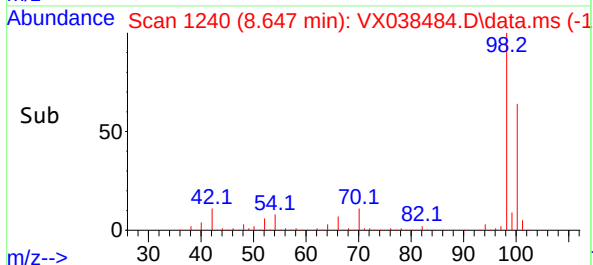
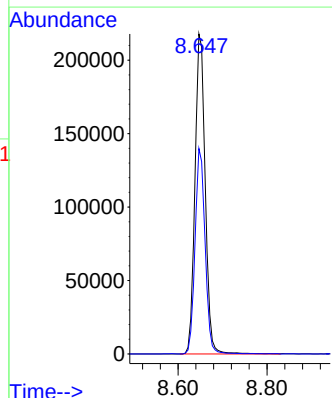
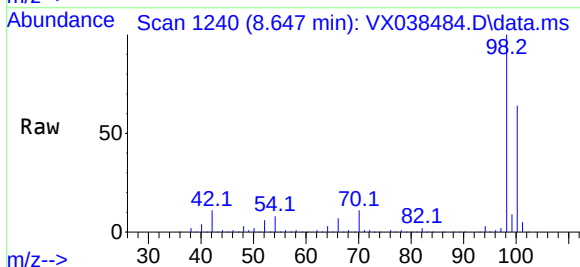
Instrument :
MSVOA_X
ClientSampleId :
AUD-1067

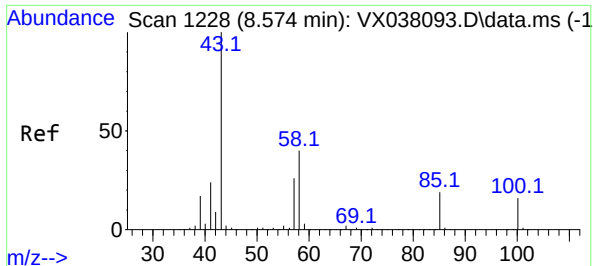
Tgt Ion:113 Resp: 93171
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.2 13.3 19.9



#50
Toluene-d8
Concen: 44.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 98 Resp: 346889
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

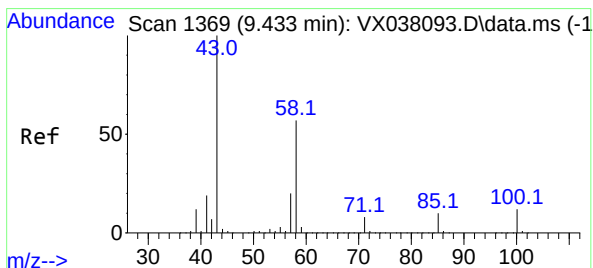
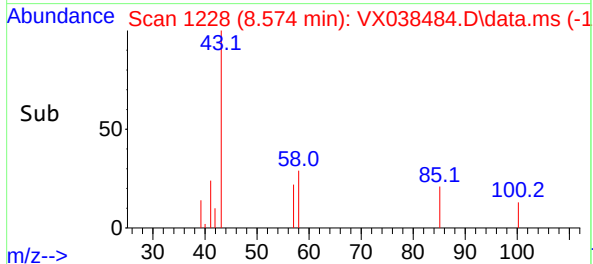
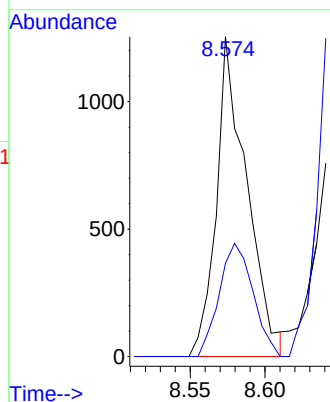
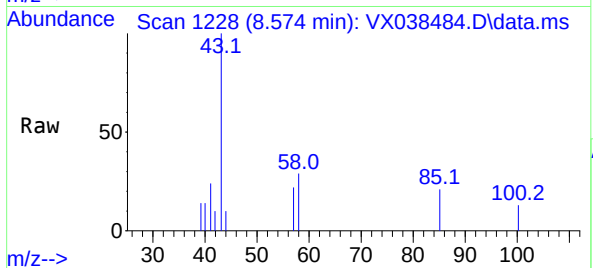




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.574 min Scan# 11768
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

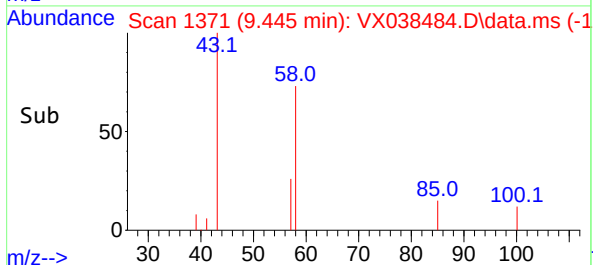
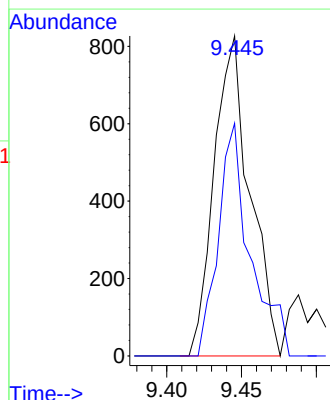
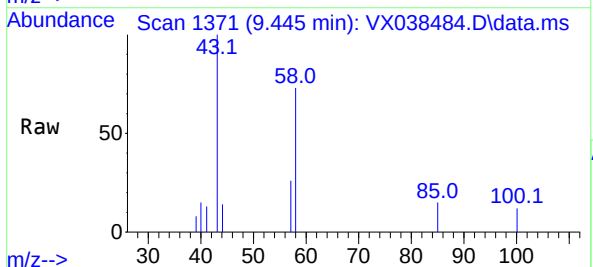
Instrument :
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AUD-1067

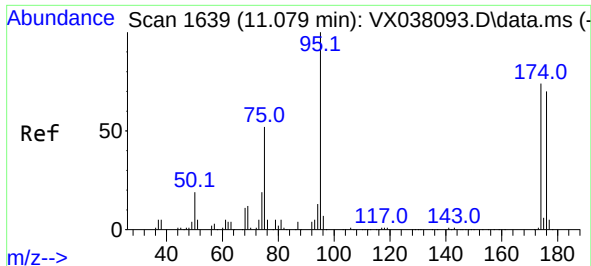
Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6



#59
2-Hexanone
Concen: 0.497 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 64.6 26.2 78.5

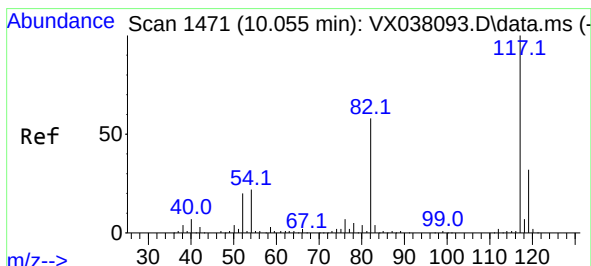
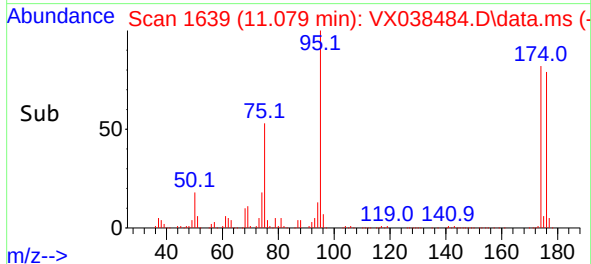
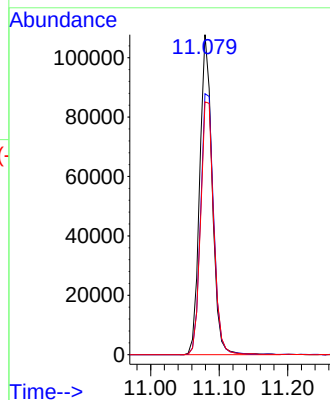
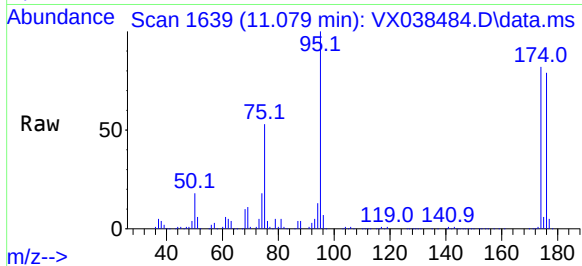




#62
4-Bromofluorobenzene
Concen: 46.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

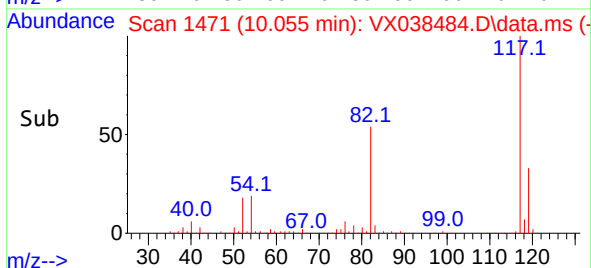
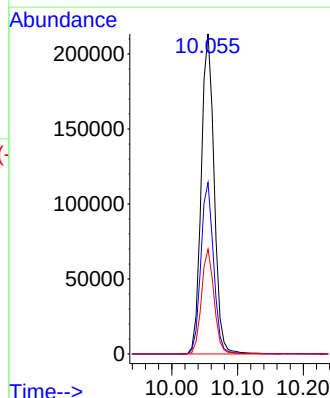
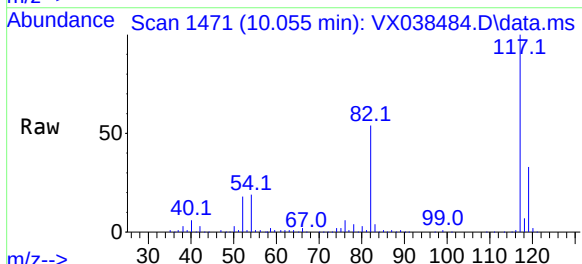
Instrument :
MSVOA_X
ClientSampleId :
AUD-1067

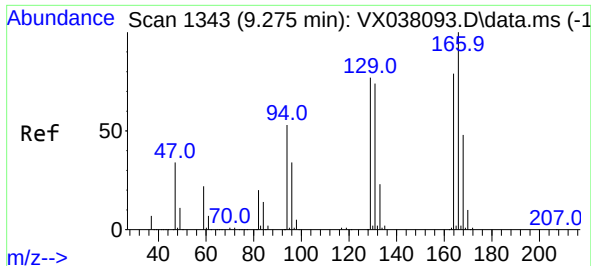
Tgt Ion: 95 Resp: 136431
Ion Ratio Lower Upper
95 100
174 85.5 0.0 135.6
176 83.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

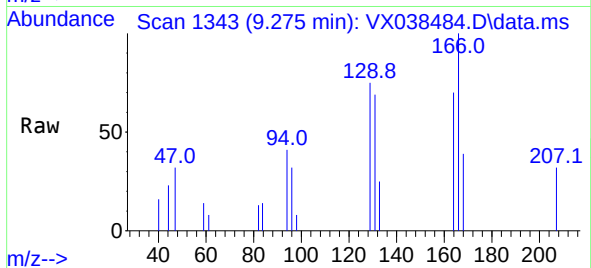
Tgt Ion: 117 Resp: 291933
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.8 25.5 38.3





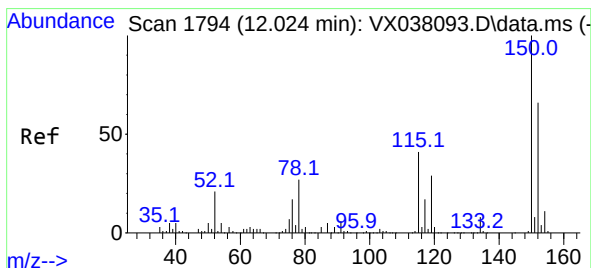
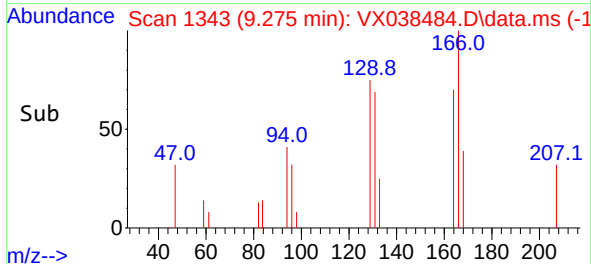
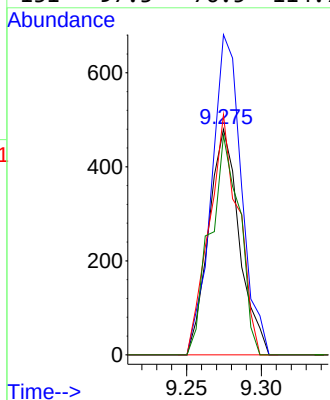
#64
Tetrachloroethene
Concen: 0.362 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 685

Ion	Ratio	Lower	Upper
164	100		
166	141.9	102.7	154.1
129	106.5	80.4	120.6
131	97.3	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion:152 Resp: 162114

Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.3	129.9
150	156.7	0.0	345.0

