

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038485.D
 Acq On : 25 Oct 2023 17:16
 Operator : JC/MD
 Sample : 05038-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1069

Quant Time: Oct 26 04:07:46 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)

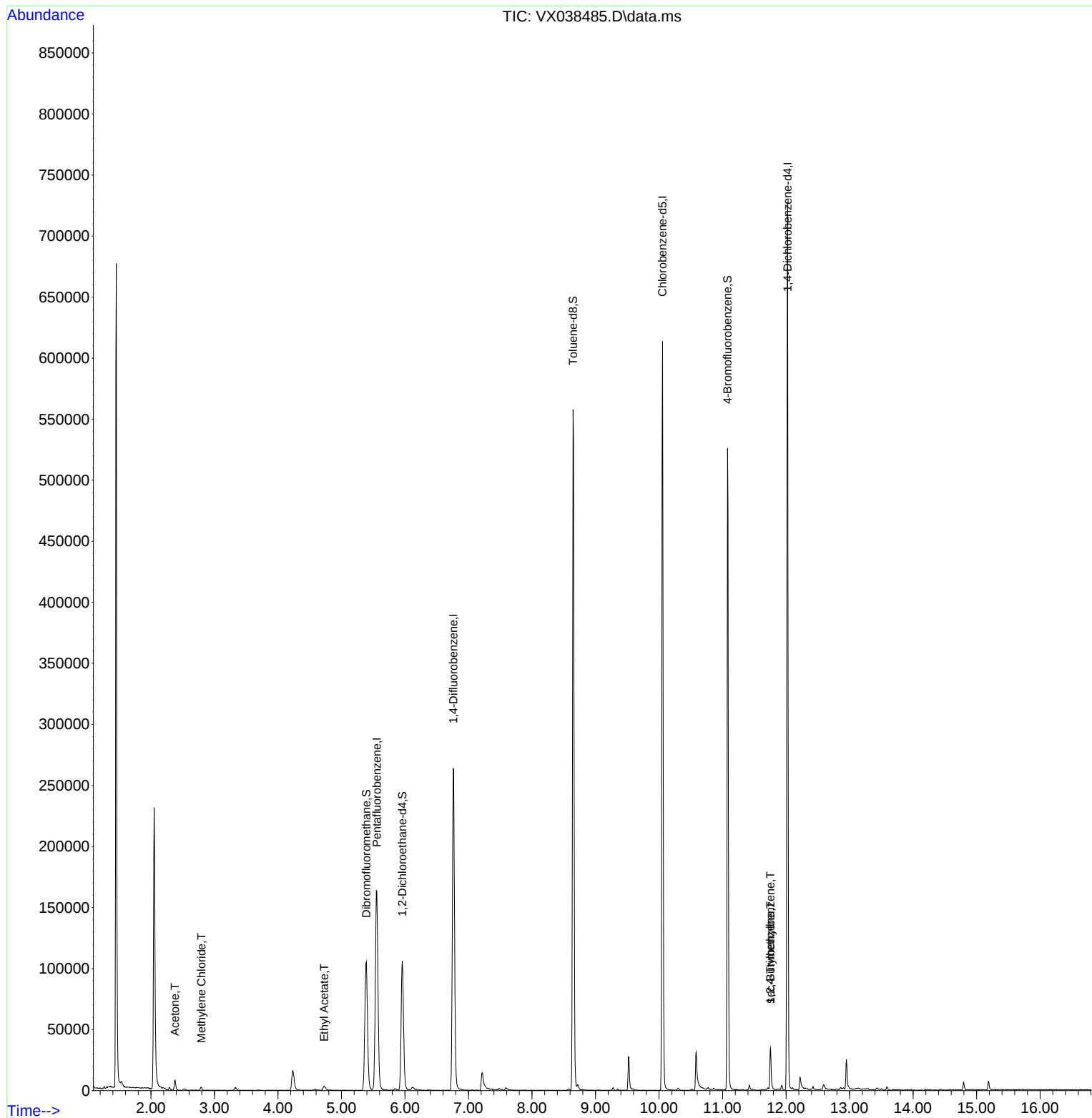
Internal Standards						
1) Pentafluorobenzene	5.556	168	161376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102066	39.322	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.640%
35) Dibromofluoromethane	5.391	113	92770	46.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.647	98	341706	44.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.140%#
62) 4-Bromofluorobenzene	11.079	95	134862	46.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8761	8.087	ug/l	90
20) Methylene Chloride	2.794	84	1378	0.676	ug/l	# 68
37) Ethyl Acetate	4.727	43	5927	1.804	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	12028	1.331	ug/l	# 35
85) sec-Butylbenzene	11.756	105	12028	1.048	ug/l	# 57

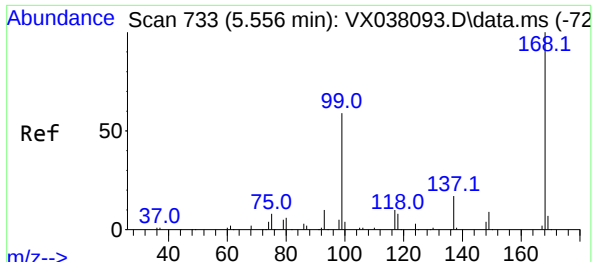
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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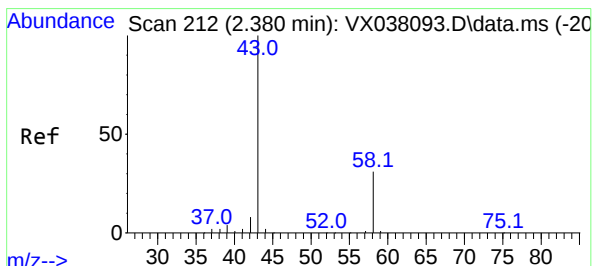
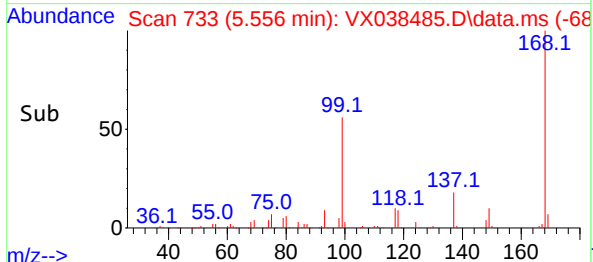
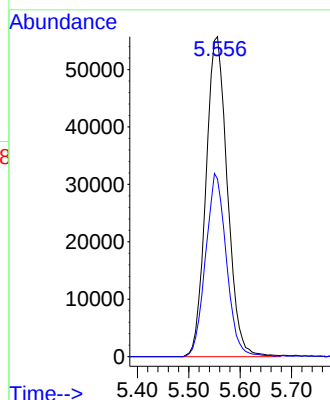
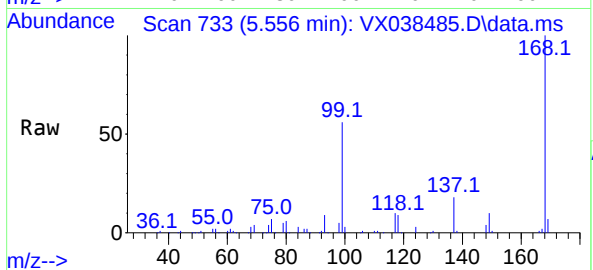




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

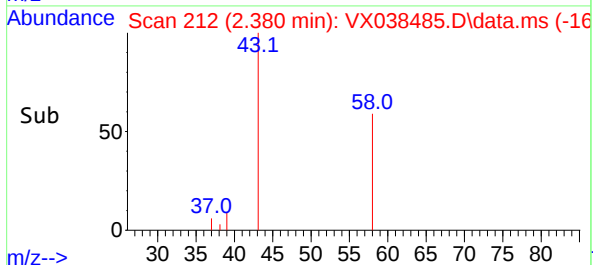
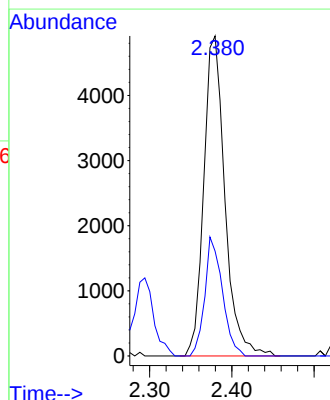
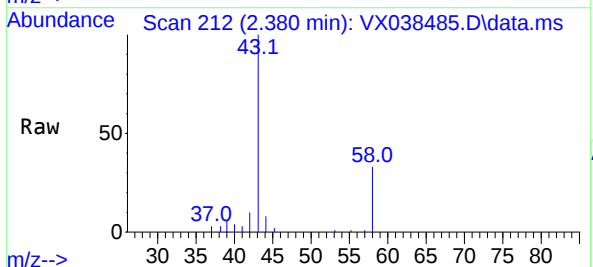
Instrument :
MSVOA_X
ClientSampleId :
AUD-1069

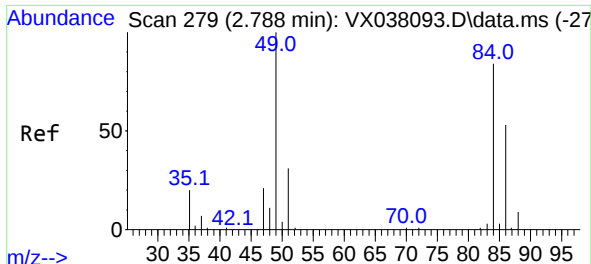
Tgt Ion:168 Resp: 161376
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#16
Acetone
Concen: 8.087 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion: 43 Resp: 8761
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



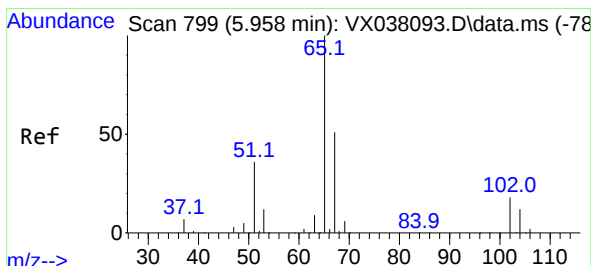
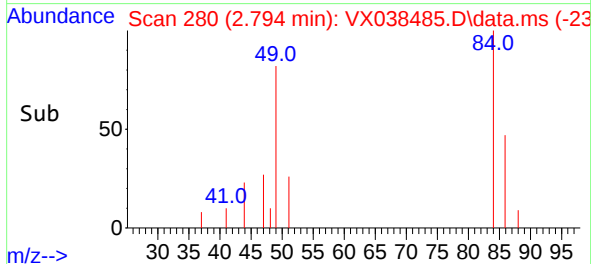
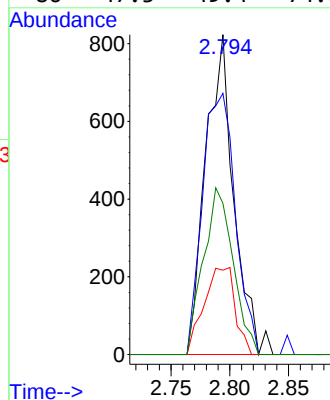
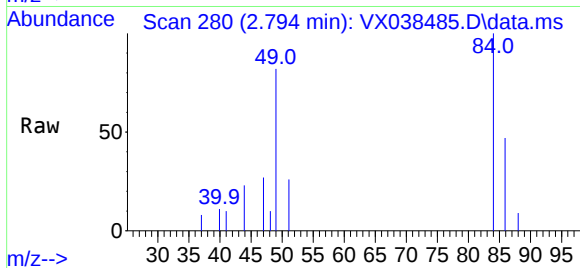


#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Instrument :
MSVOA_X
ClientSampleId :
AUD-1069

Tgt Ion: 84 Resp: 1378

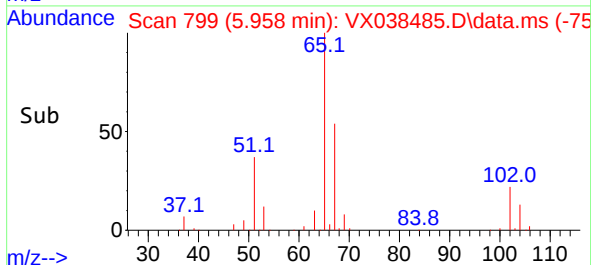
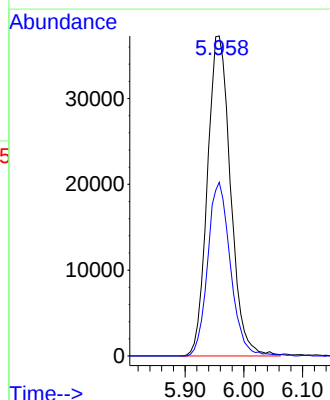
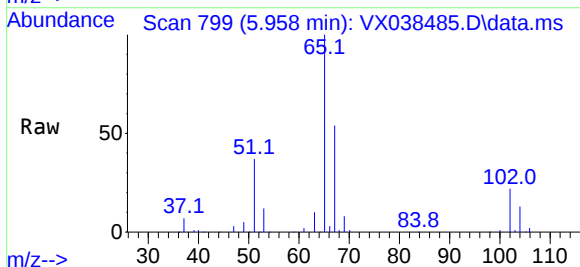
Ion	Ratio	Lower	Upper
84	100		
49	81.7	103.6	155.4#
51	26.4	33.8	50.6#
86	47.3	49.4	74.0#

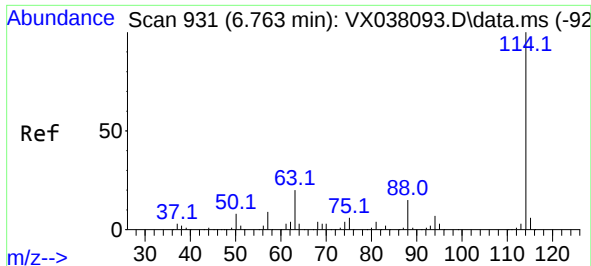


#33
1,2-Dichloroethane-d4
Concen: 39.322 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion: 65 Resp: 102066

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	100.2

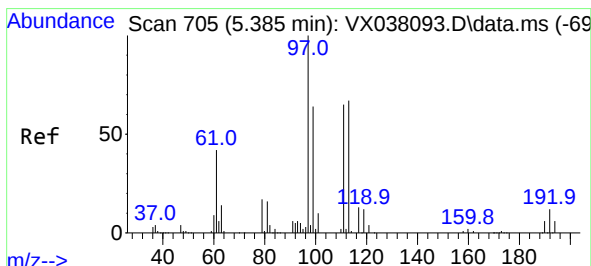
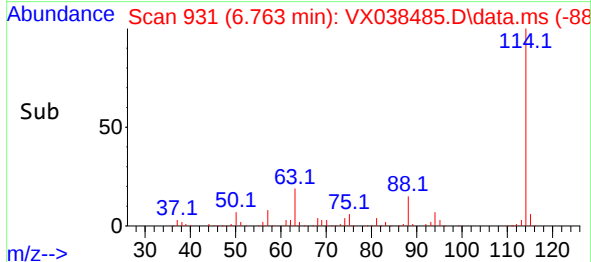
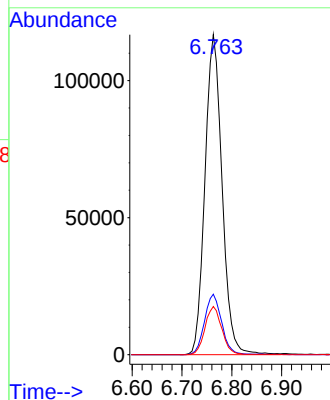
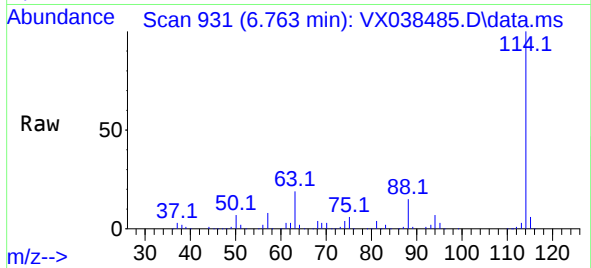




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

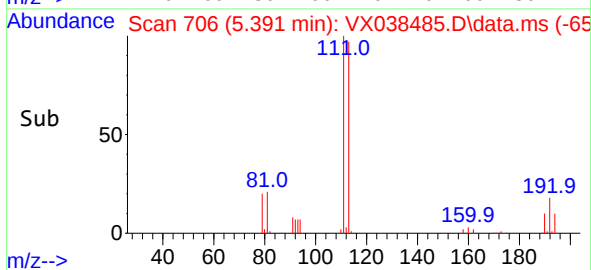
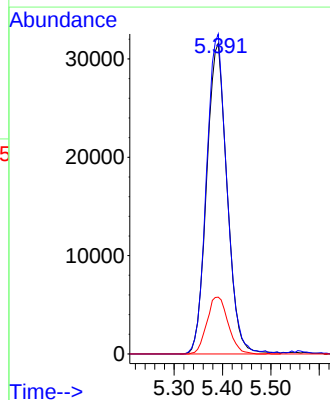
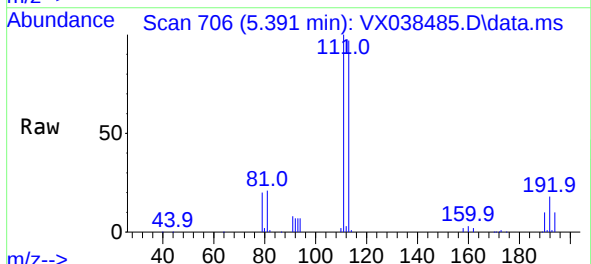
Instrument :
MSVOA_X
ClientSampleId :
AUD-1069

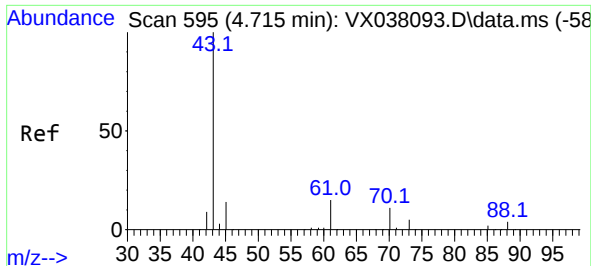
Tgt Ion:114 Resp: 278423
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.241 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion:113 Resp: 92770
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.0 13.3 19.9



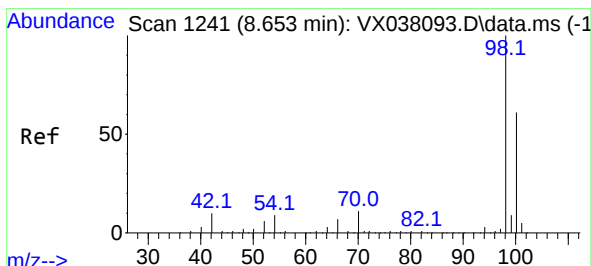
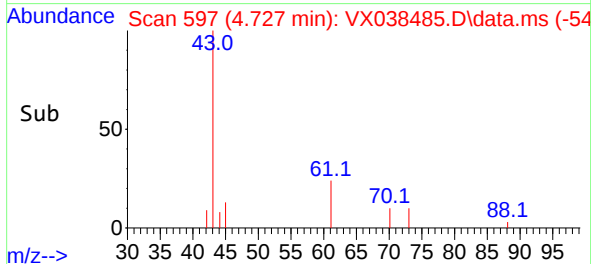
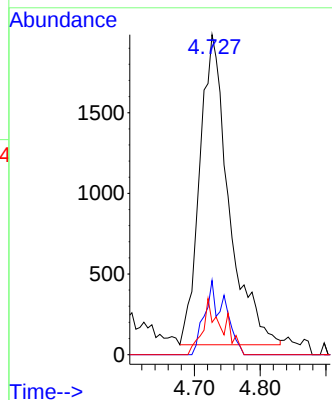
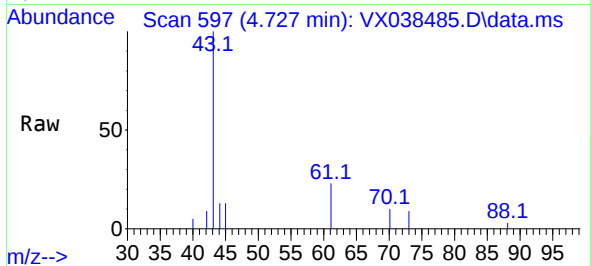


#37
Ethyl Acetate
Concen: 1.804 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Instrument :
MSVOA_X
ClientSampleId :
AUD-1069

Tgt Ion: 43 Resp: 5927

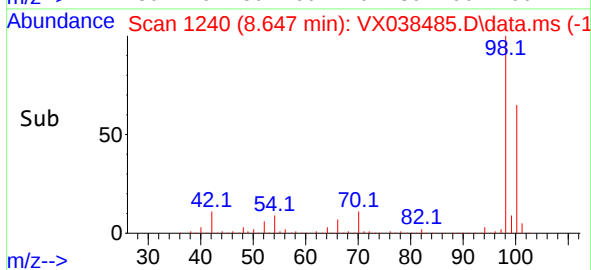
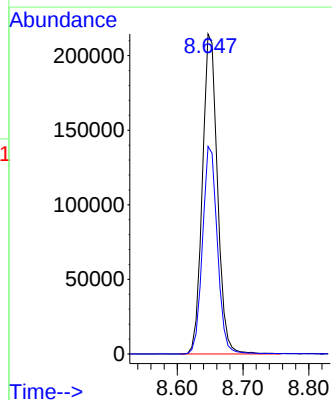
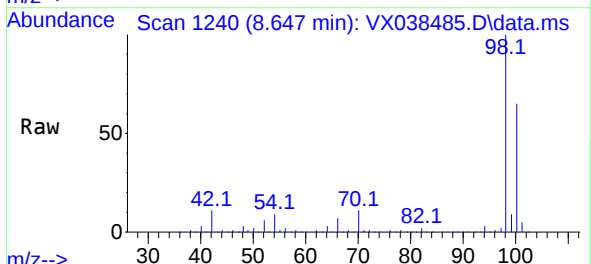
Ion	Ratio	Lower	Upper
43	100		
61	10.8	10.6	16.0
70	9.2	8.3	12.5

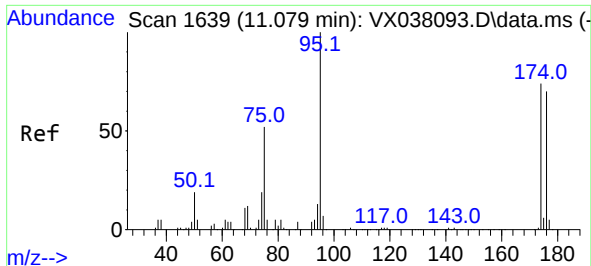


#50
Toluene-d8
Concen: 44.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion: 98 Resp: 341706

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.1	79.7

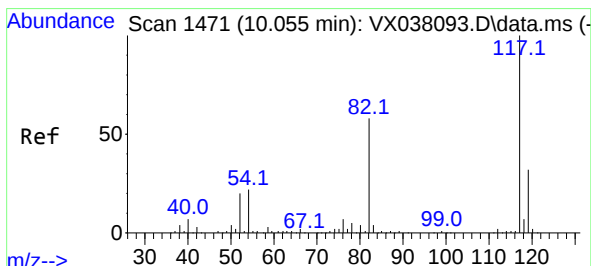
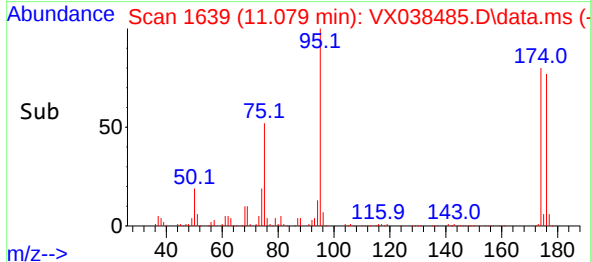
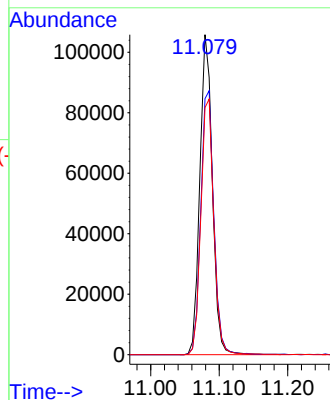
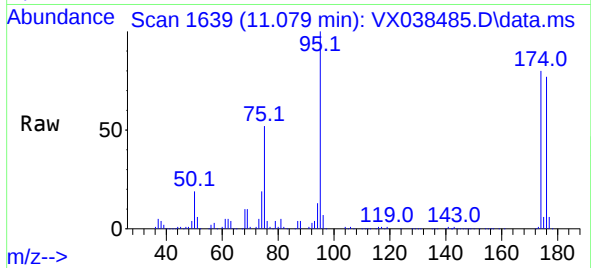




#62
4-Bromofluorobenzene
Concen: 46.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

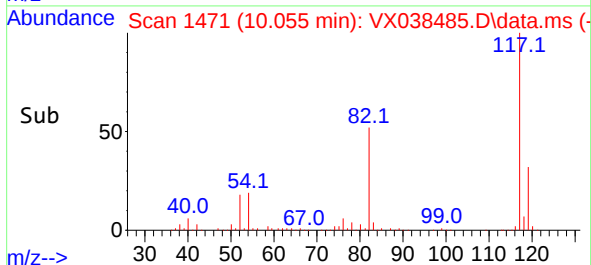
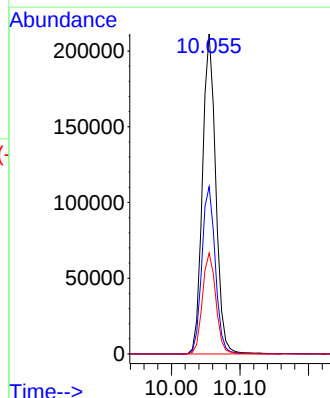
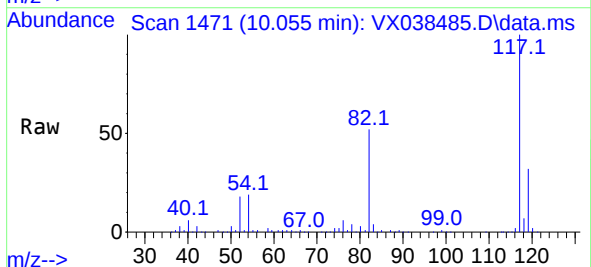
Instrument :
MSVOA_X
ClientSampleId :
AUD-1069

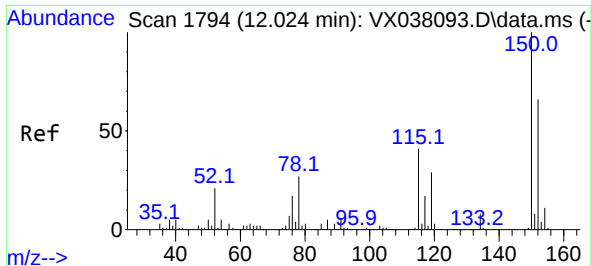
Tgt Ion: 95 Resp: 134862
Ion Ratio Lower Upper
95 100
174 85.9 0.0 135.6
176 82.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion: 117 Resp: 286326
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 31.5 25.5 38.3

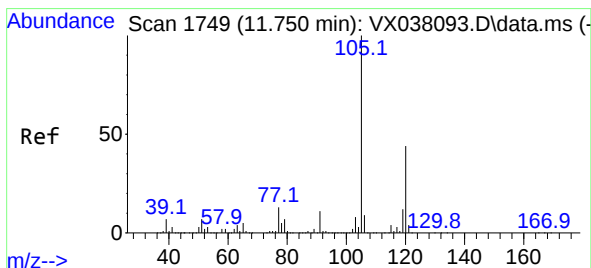
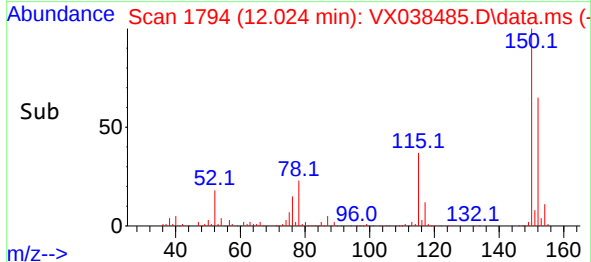
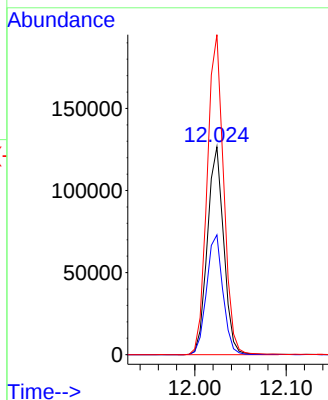
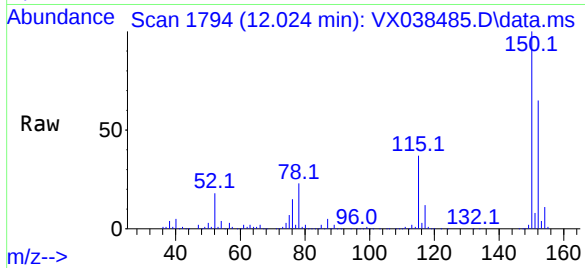




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

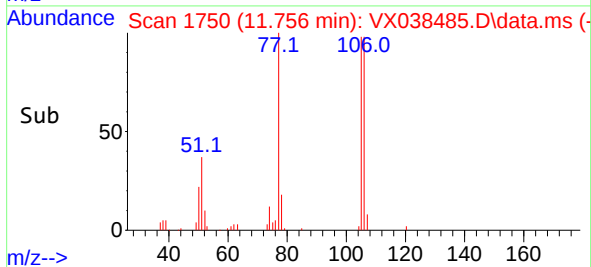
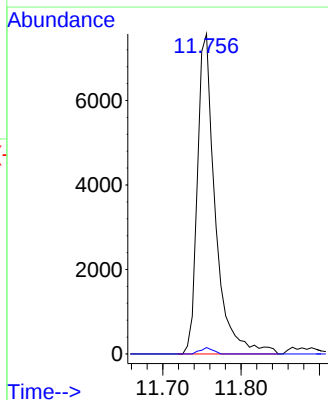
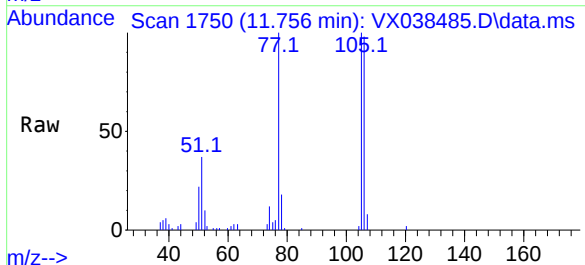
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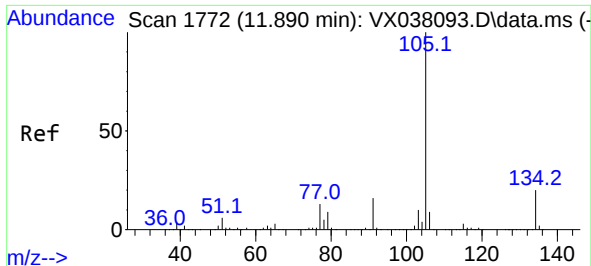
Tgt Ion:152 Resp: 156695
Ion Ratio Lower Upper
152 100
115 58.2 43.3 129.9
150 155.5 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 1.331 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038485.D
Acq: 25 Oct 2023 17:16

Tgt Ion:105 Resp: 12028
Ion Ratio Lower Upper
105 100
120 1.4 21.2 63.6#





#85
 sec-Butylbenzene
 Concen: 1.048 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX038485.D
 Acq: 25 Oct 2023 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1069

Tgt Ion:105 Resp: 12028
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

