

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045956.D
 Acq On : 28 Apr 2025 15:03
 Operator : JC/MD
 Sample : Q1875-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-25-0053

Quant Time: Apr 29 01:34:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

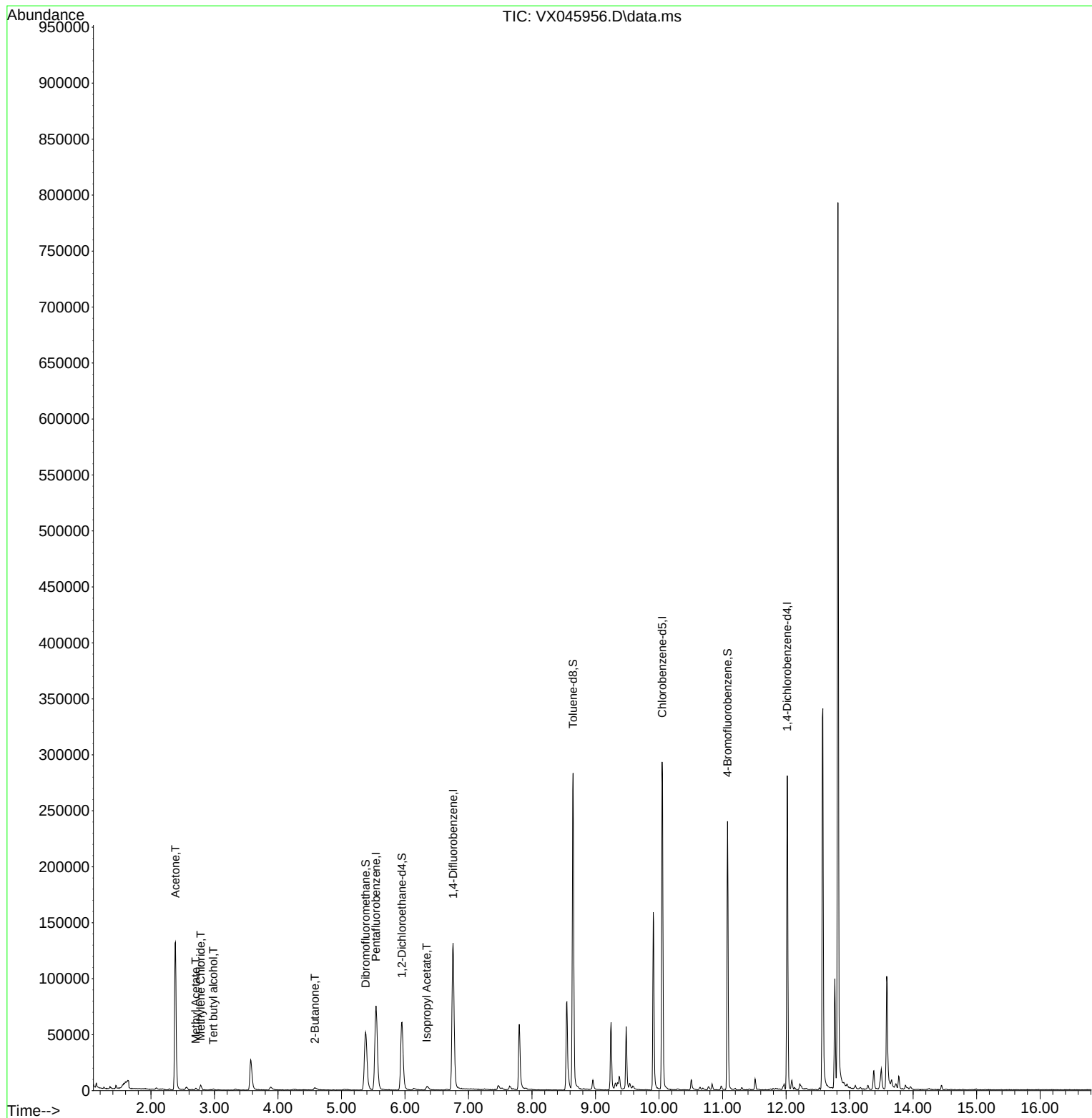
Internal Standards						
1) Pentafluorobenzene	5.544	168	63024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63209	54.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.680%	
35) Dibromofluoromethane	5.379	113	45238	50.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	8.647	98	161618	52.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	11.079	95	60237	53.295	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	958	6.185	ug/l	98
16) Acetone	2.386	43	148993	314.818	ug/l	98
18) Methyl Acetate	2.703	43	2309	2.119	ug/l #	83
20) Methylene Chloride	2.782	84	2009	2.267	ug/l #	89
25) 2-Butanone	4.580	43	5009	7.230	ug/l	98
43) Isopropyl Acetate	6.342	43	5597	2.441	ug/l #	92

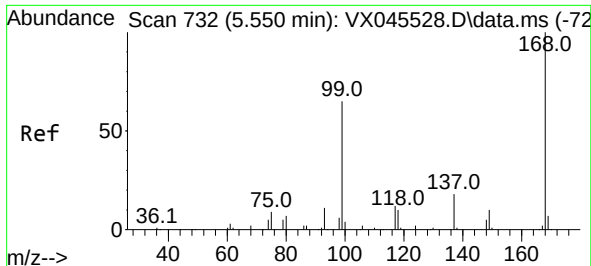
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

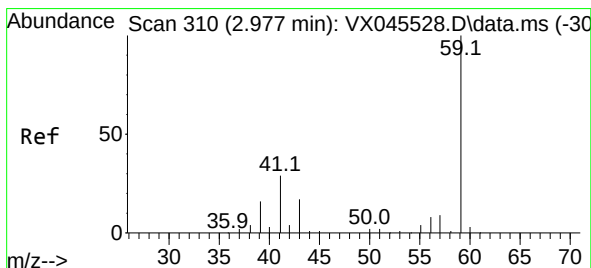
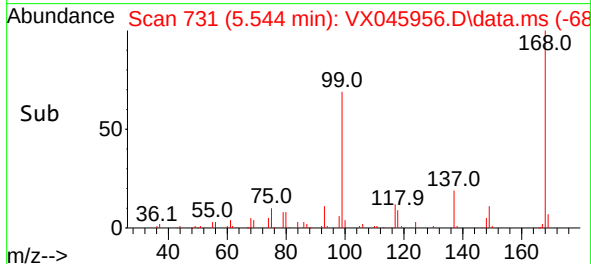
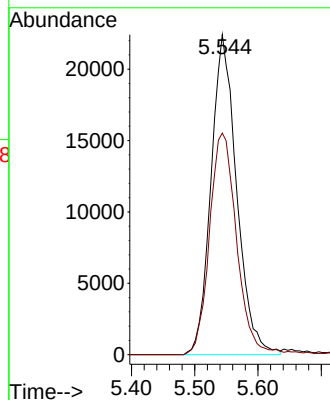
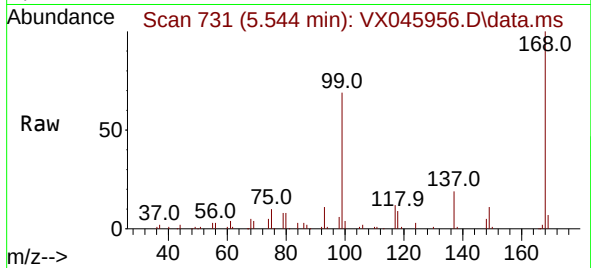




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

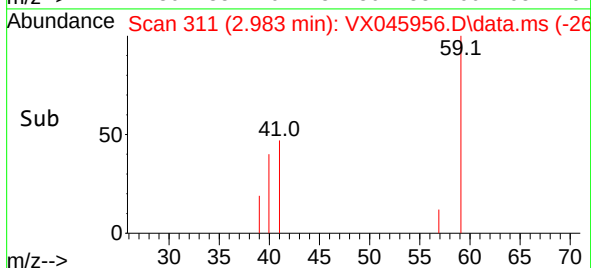
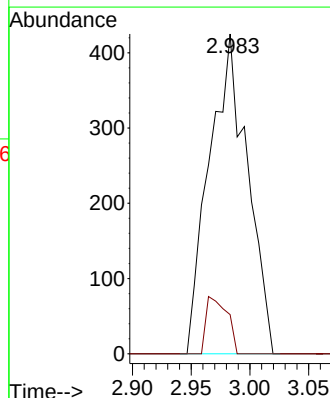
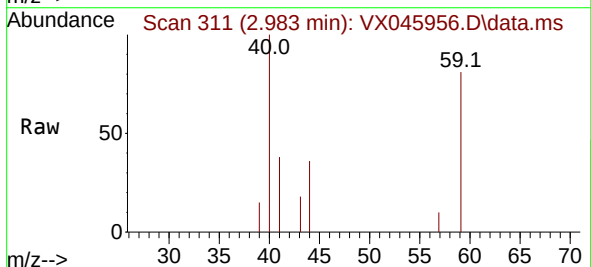
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0053

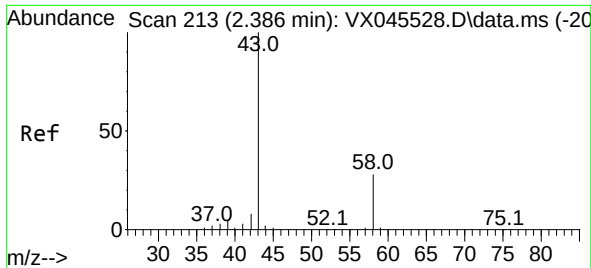
Tgt Ion:168 Resp: 63024
Ion Ratio Lower Upper
168 100
99 69.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 6.185 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Tgt Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8

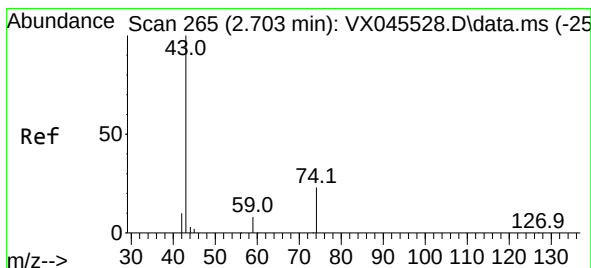
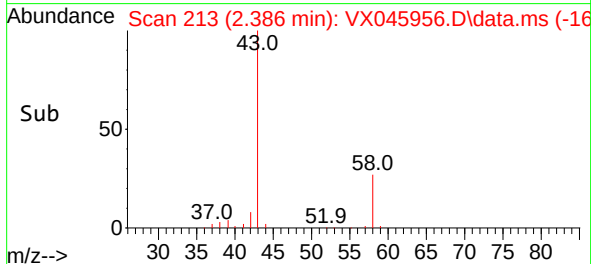
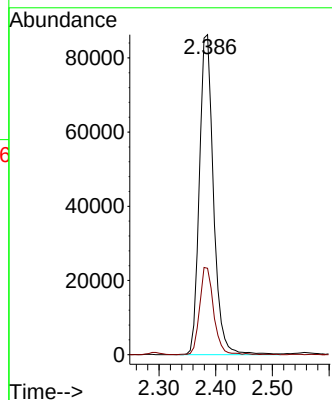
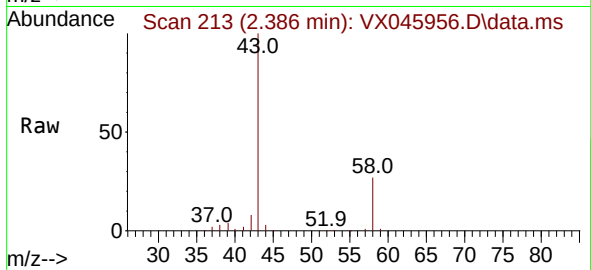




#16
Acetone
Concen: 314.818 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

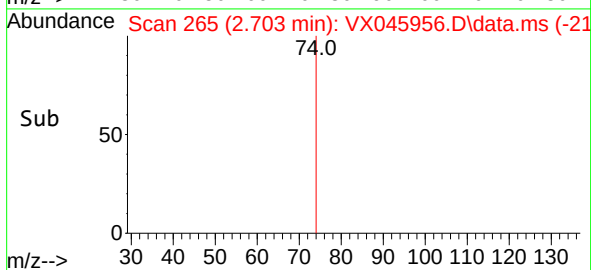
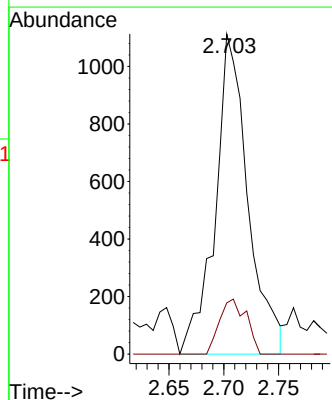
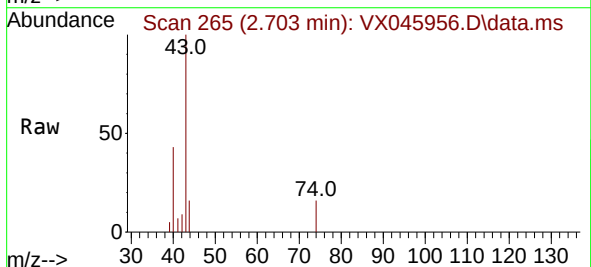
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0053

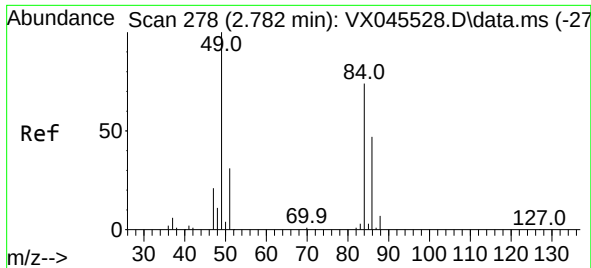
Tgt Ion: 43 Resp: 148993
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5



#18
Methyl Acetate
Concen: 2.119 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
74 14.0 17.5 26.3#

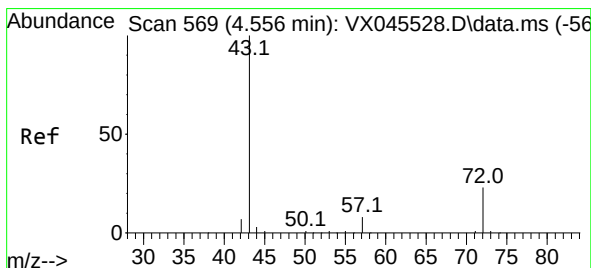
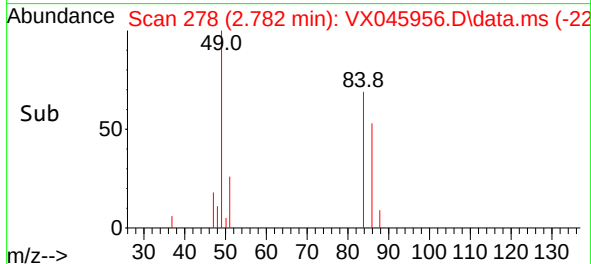
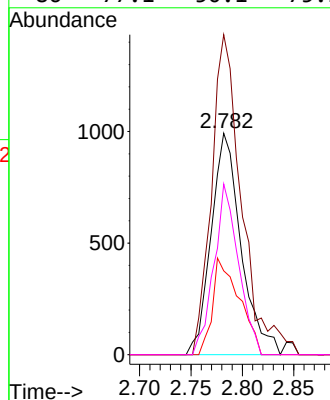
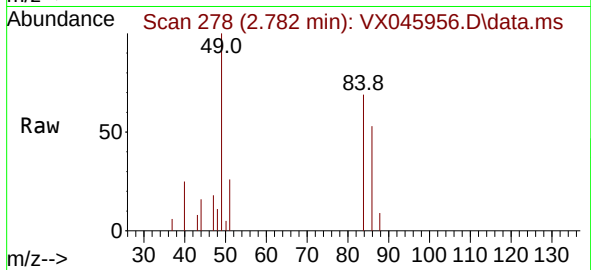




#20
Methylene Chloride
Concen: 2.267 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

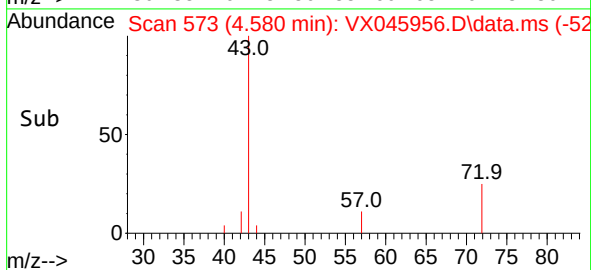
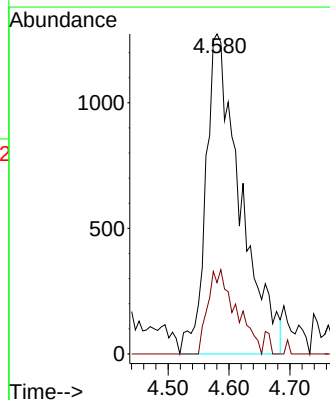
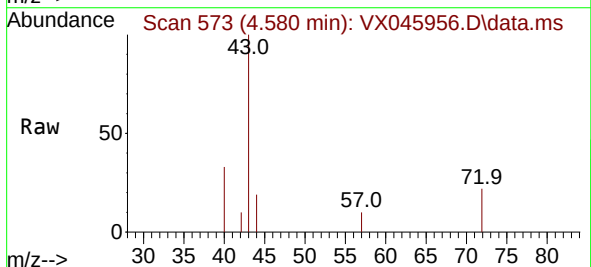
Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0053

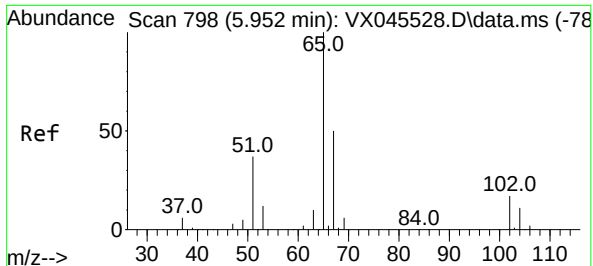
Tgt Ion:	84	Resp:	2009
Ion	Ratio	Lower	Upper
84	100		
49	144.6	107.5	161.3
51	37.9	33.0	49.6
86	77.1	50.1	75.1



#25
2-Butanone
Concen: 7.230 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Tgt Ion:	43	Resp:	5009
Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 54.843 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045956.D

Acq: 28 Apr 2025 15:03

Instrument :

MSVOA_X

ClientSampleId :

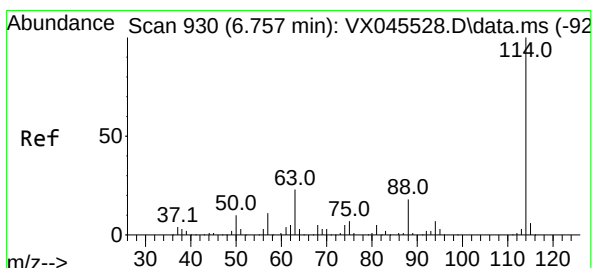
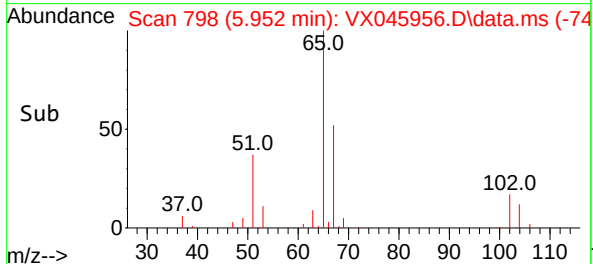
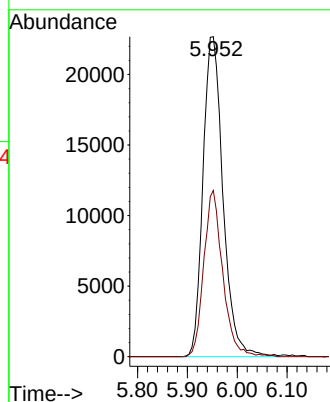
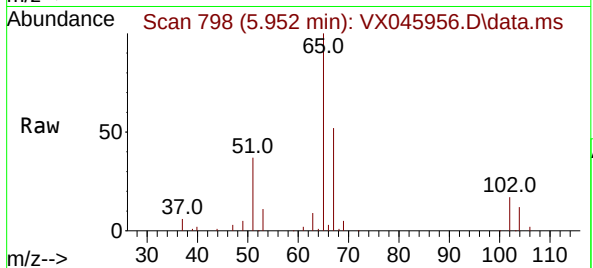
AUD-25-0053

Tgt Ion: 65 Resp: 63209

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045956.D

Acq: 28 Apr 2025 15:03

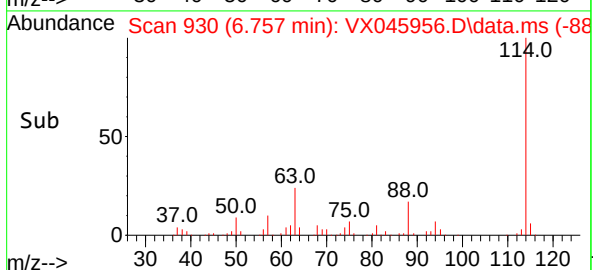
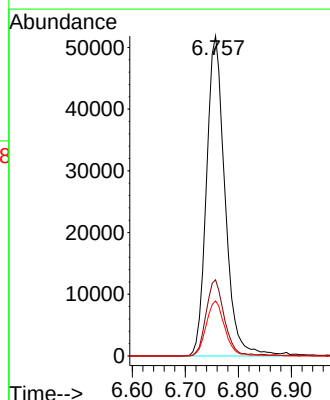
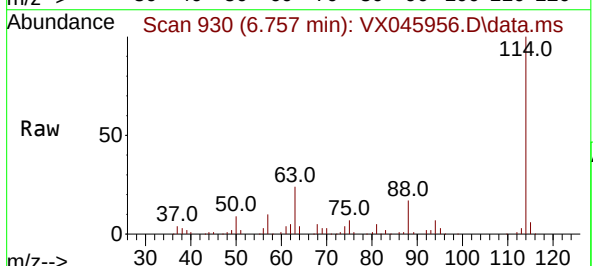
Tgt Ion: 114 Resp: 125299

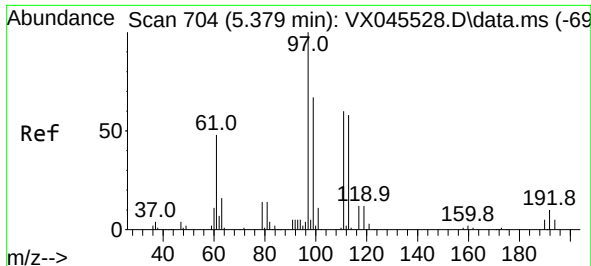
Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

88 17.2 0.0 35.4

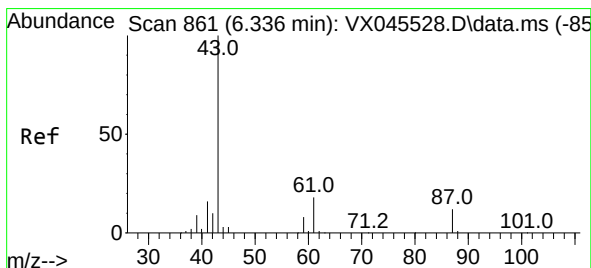
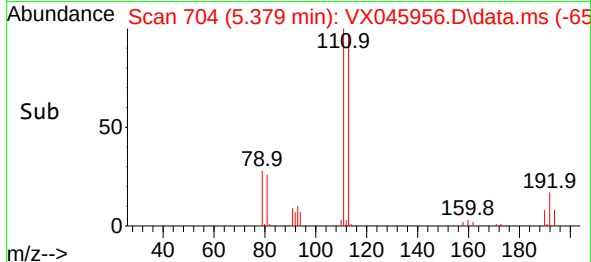
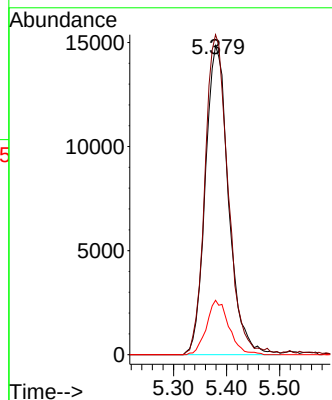
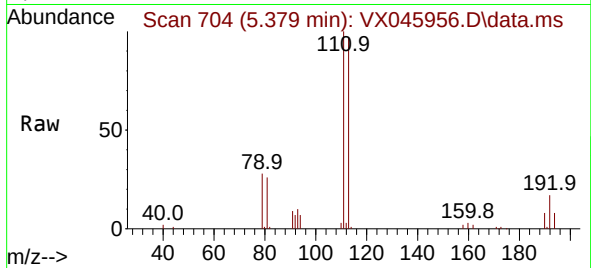




#35
 Dibromofluoromethane
 Concen: 50.887 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045956.D
 Acq: 28 Apr 2025 15:03

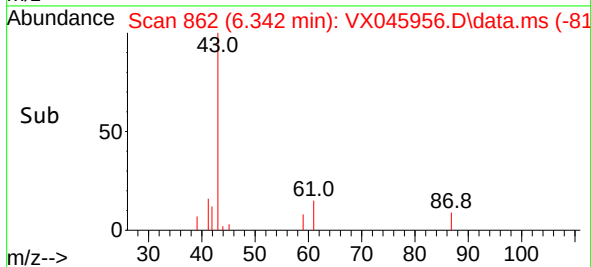
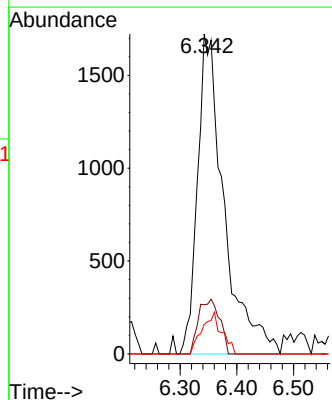
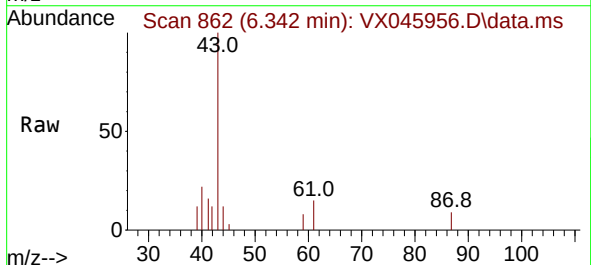
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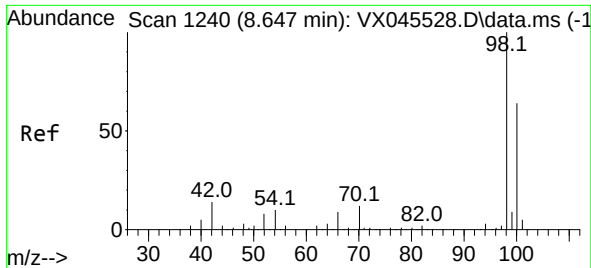
Tgt Ion:113 Resp: 45238
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.6
 192 17.0 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.441 ug/l
 RT: 6.342 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VX045956.D
 Acq: 28 Apr 2025 15:03

Tgt Ion: 43 Resp: 5597
 Ion Ratio Lower Upper
 43 100
 61 13.6 14.1 21.1#
 87 9.6 9.2 13.8

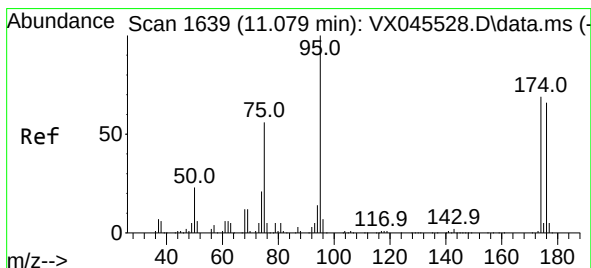
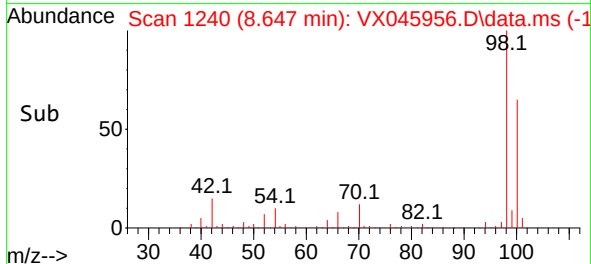
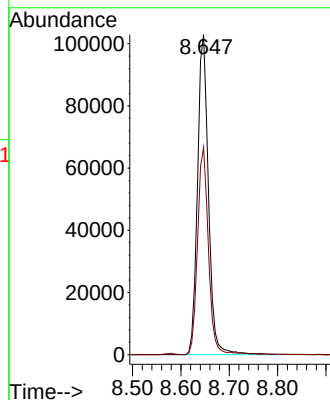
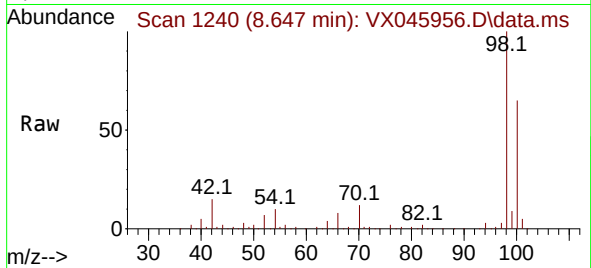




#50
Toluene-d8
Concen: 52.085 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

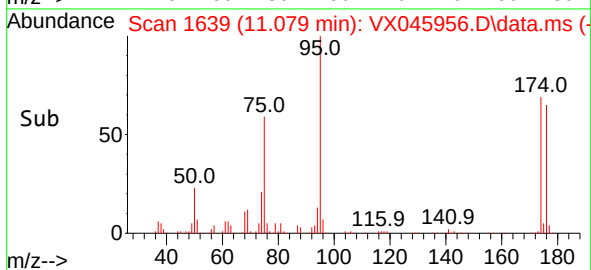
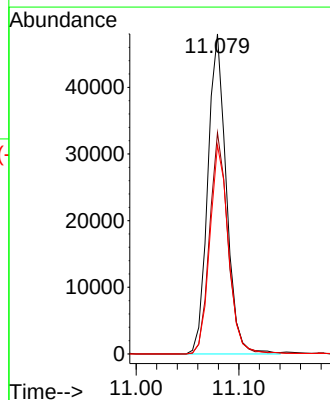
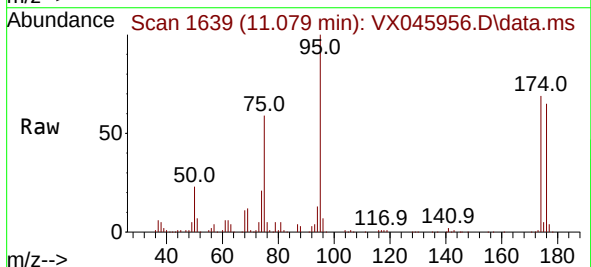
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AUD-25-0053

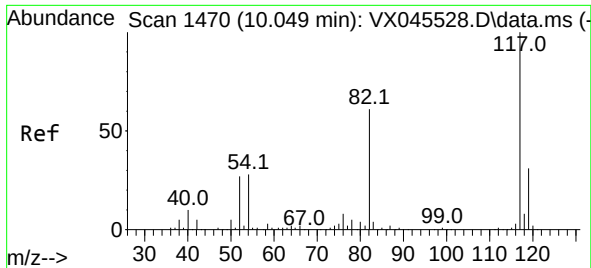
Tgt Ion: 98 Resp: 161618
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Tgt Ion: 95 Resp: 60237
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 65.8 0.0 131.4

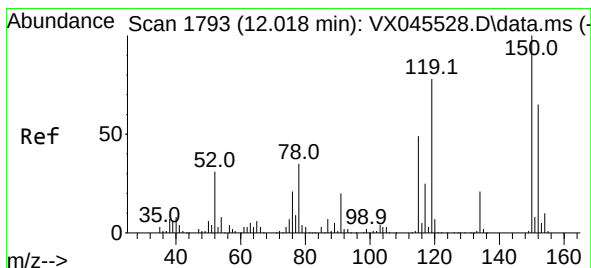
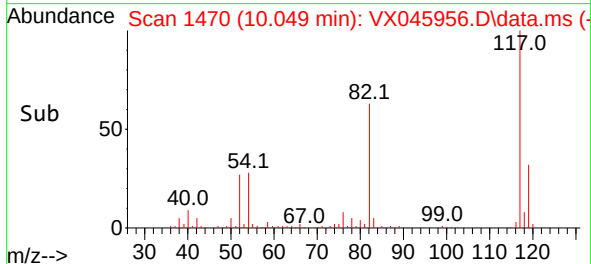
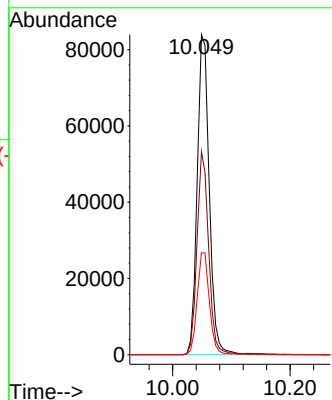
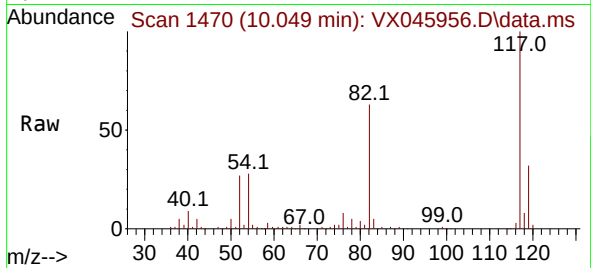




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Instrument :
MSVOA_X
ClientSampleId :
AUD-25-0053

Tgt Ion:117 Resp: 120166
Ion Ratio Lower Upper
117 100
82 63.5 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045956.D
Acq: 28 Apr 2025 15:03

Tgt Ion:152 Resp: 51197
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 160.8 0.0 349.4

