

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035285.D
 Acq On : 25 Apr 2023 15:50
 Operator : JC/MD
 Sample : 02431-01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1943

Quant Time: Apr 25 16:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

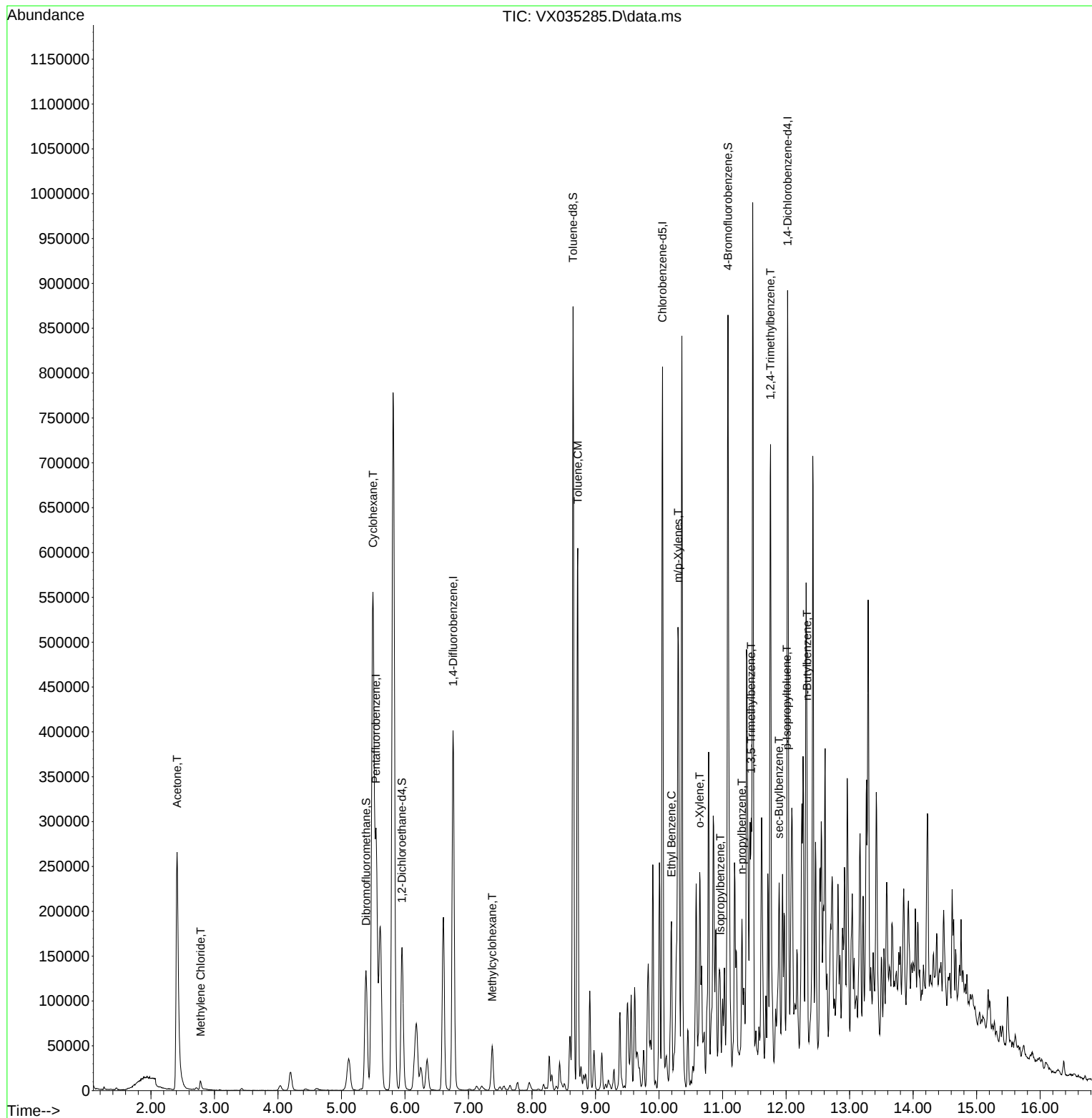
Internal Standards						
1) Pentafluorobenzene	5.544	168	258883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	427578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154811	49.567	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.140%		
35) Dibromofluoromethane	5.385	113	117616	44.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.640%		
50) Toluene-d8	8.647	98	498517	50.356	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.720%		
62) 4-Bromofluorobenzene	11.085	95	187200	50.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.540%		
Target Compounds					Qvalue	
16) Acetone	2.410	43	457559	337.311	ug/l	98
20) Methylene Chloride	2.782	84	5667	1.822	ug/l #	74
31) Cyclohexane	5.495	56	126487	28.549	ug/l #	45
39) Methylcyclohexane	7.372	83	21923	4.395	ug/l	96
52) Toluene	8.720	92	237033	31.811	ug/l	98
67) Ethyl Benzene	10.195	91	85002	5.922	ug/l	98
68) m/p-Xylenes	10.299	106	111117	20.204	ug/l	100
69) o-Xylene	10.640	106	51572	9.563	ug/l	98
73) Isopropylbenzene	10.963	105	32768	2.507	ug/l	98
78) n-propylbenzene	11.305	91	100639	6.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90846	8.244	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	291415	26.318	ug/l	99
85) sec-Butylbenzene	11.890	105	47396	3.495	ug/l	84
86) p-Isopropyltoluene	12.012	119	25633	2.222	ug/l	99
89) n-Butylbenzene	12.329	91	87425	8.978	ug/l #	49

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

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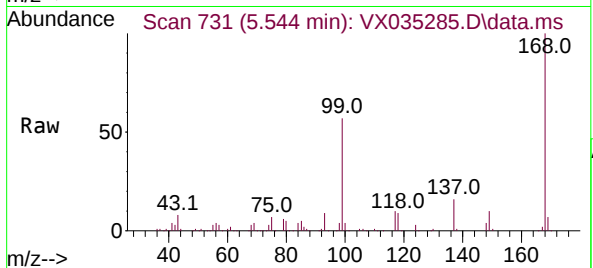
Quant Time: Apr 25 16:42:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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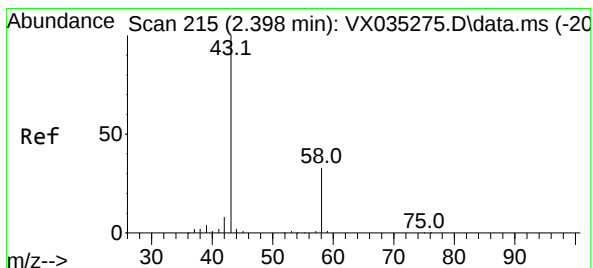
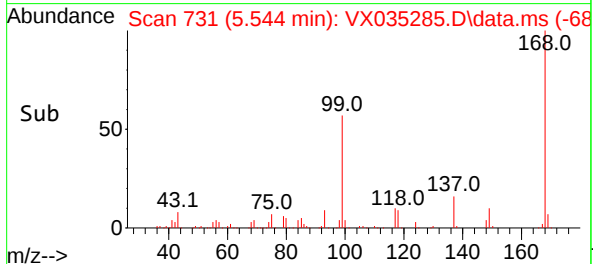
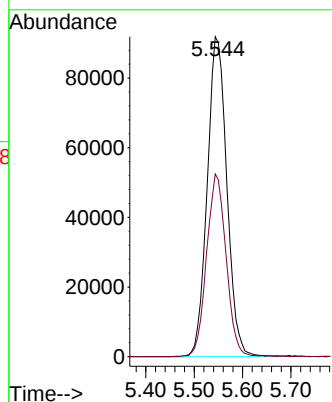


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :
AUD-1943

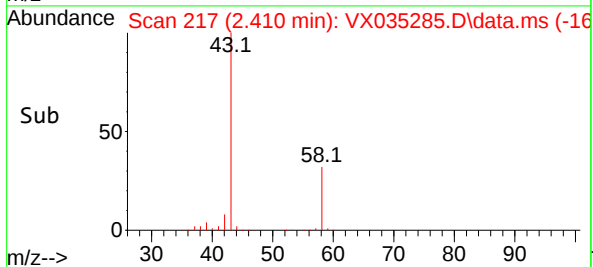
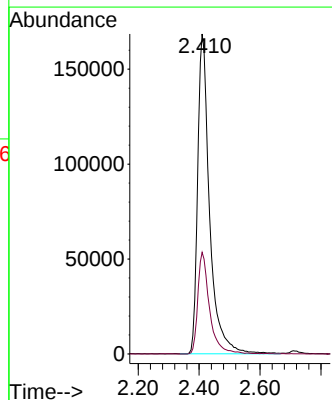
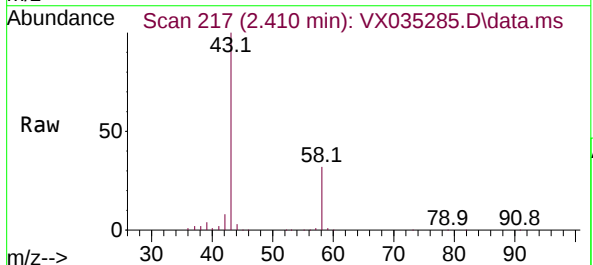


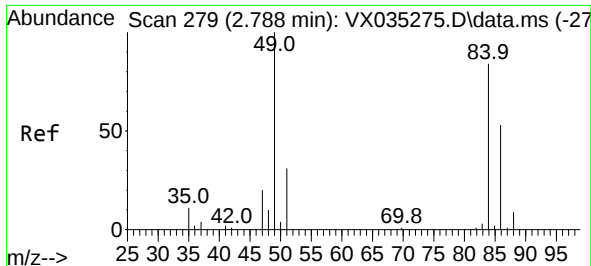
Tgt Ion:168 Resp: 258883
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#16
Acetone
Concen: 337.311 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 43 Resp: 457559
Ion Ratio Lower Upper
43 100
58 31.8 24.7 37.1

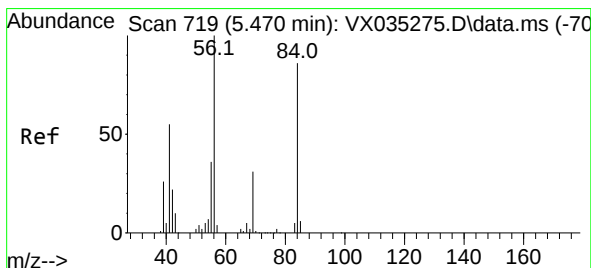
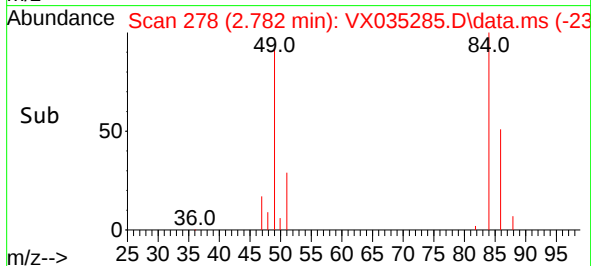
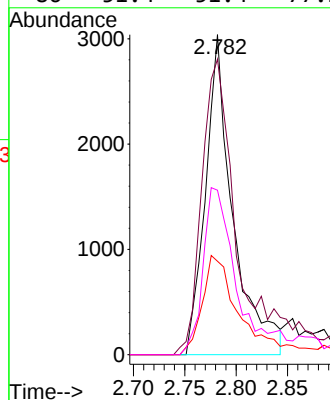
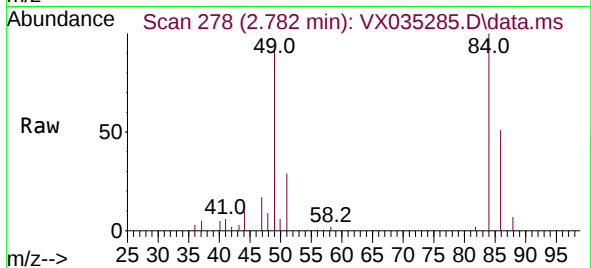




#20
Methylene Chloride
Concen: 1.822 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

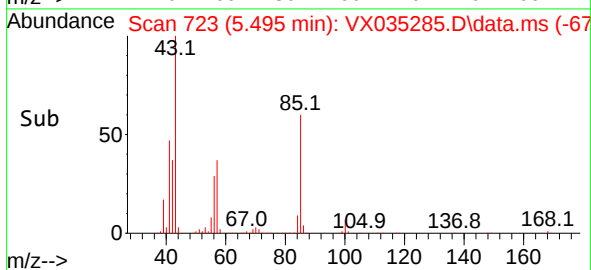
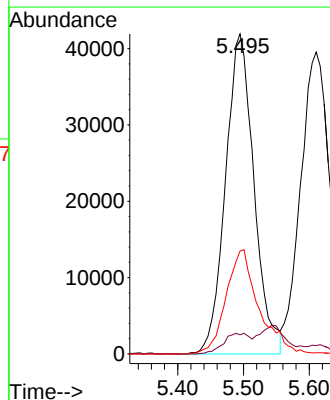
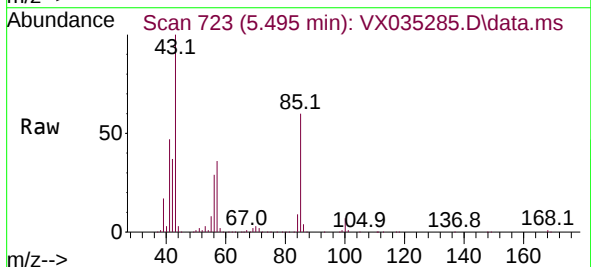
Instrument :
MSVOA_X
ClientSampleId :
AUD-1943

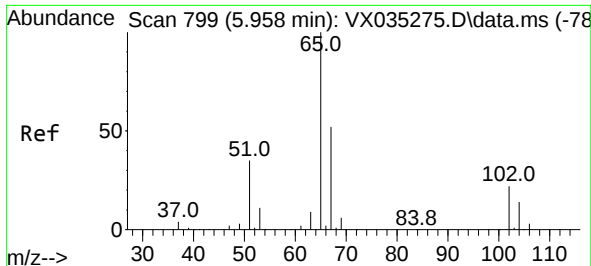
Tgt Ion: 84	Resp: 5667
Ion Ratio	Lower Upper
84 100	
49 90.1	103.8 155.8#
51 29.2	31.8 47.8#
86 51.4	51.4 77.2#



#31
Cyclohexane
Concen: 28.549 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.025 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 56	Resp: 126487
Ion Ratio	Lower Upper
56 100	
69 6.0	23.7 35.5#
84 32.2	68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.567 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

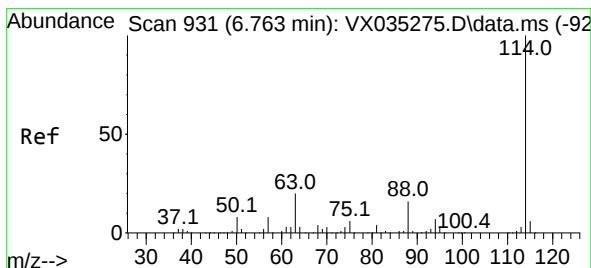
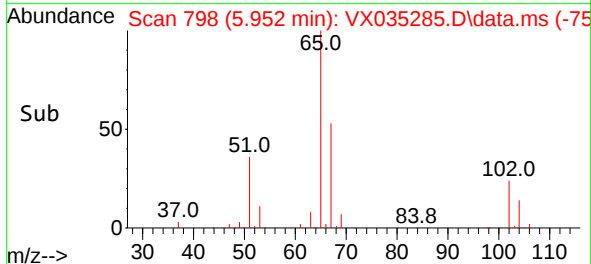
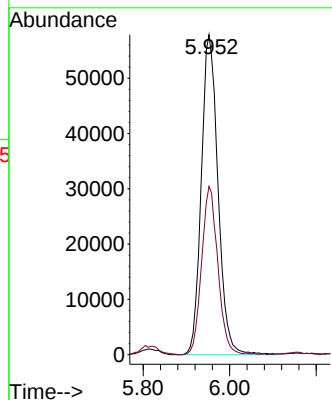
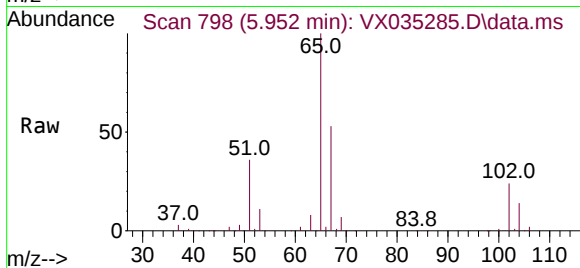
AUD-1943

Tgt Ion: 65 Resp: 154811

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

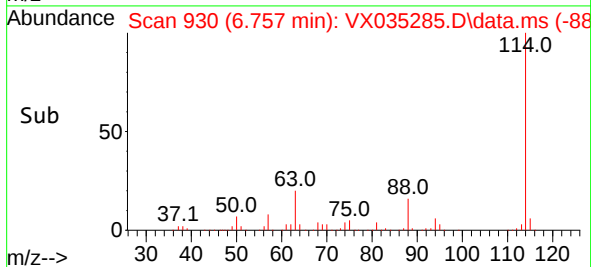
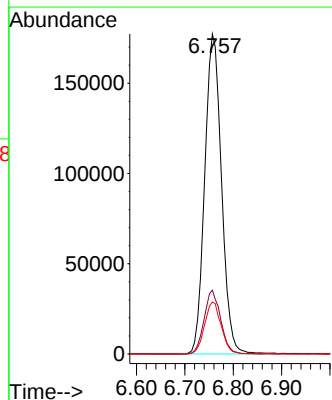
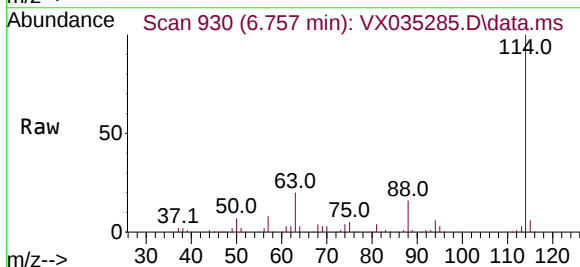
Tgt Ion: 114 Resp: 427578

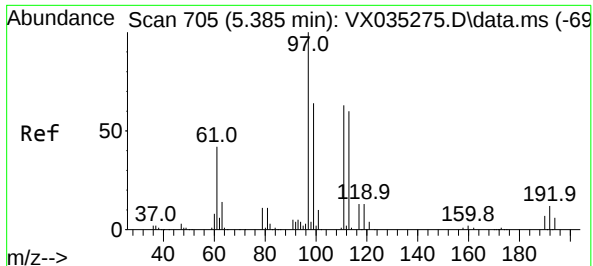
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 16.3 0.0 33.2

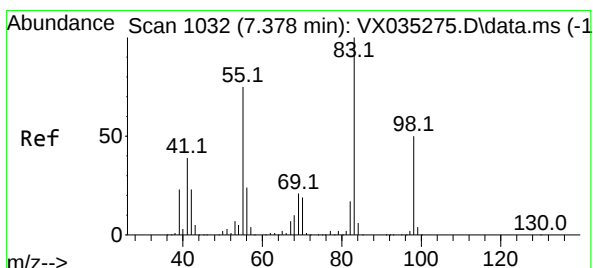
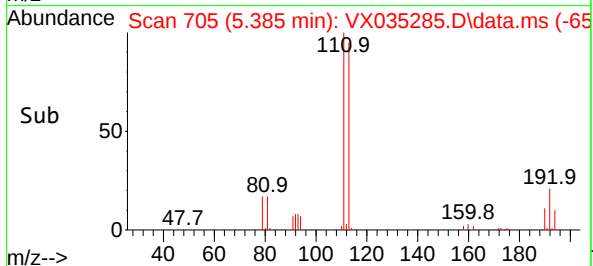
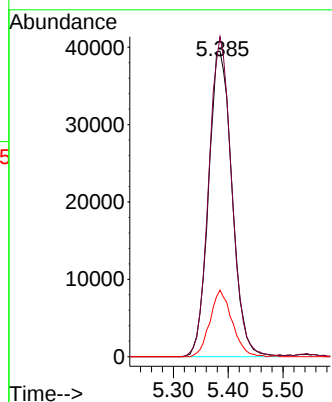
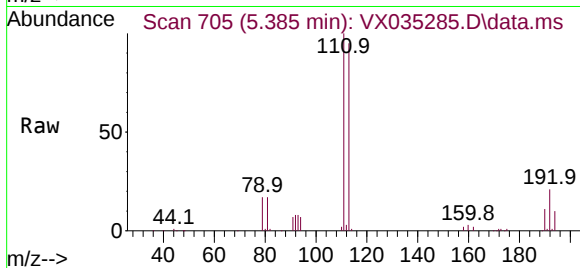




#35
Dibromofluoromethane
Concen: 44.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

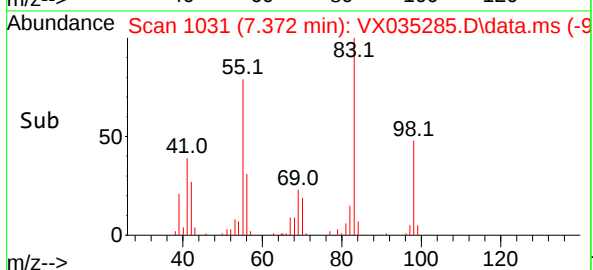
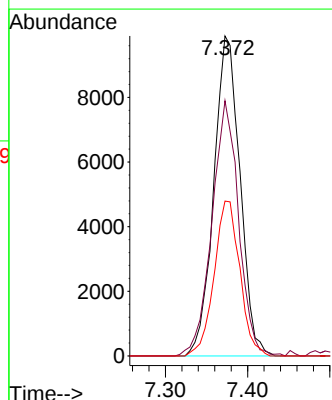
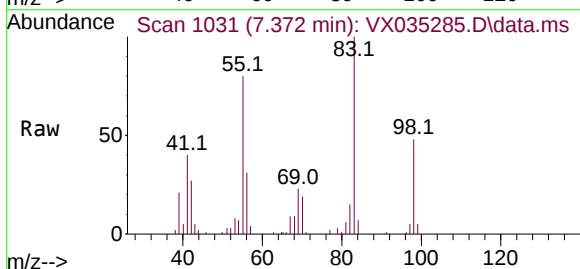
Instrument :
MSVOA_X
ClientSampleId :
AUD-1943

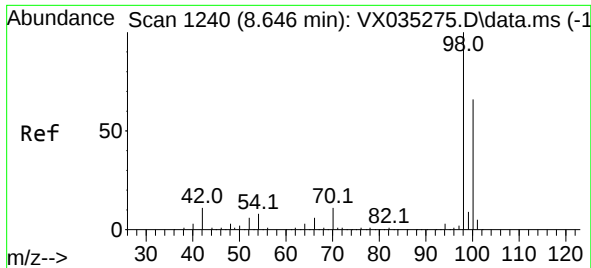
Tgt Ion:113 Resp: 117616
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.5 15.4 23.2



#39
Methylcyclohexane
Concen: 4.395 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 83 Resp: 21923
Ion Ratio Lower Upper
83 100
55 79.2 60.5 90.7
98 48.4 40.4 60.6

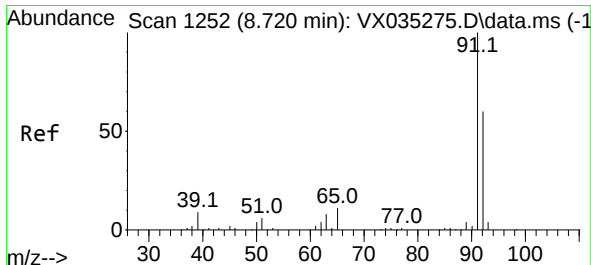
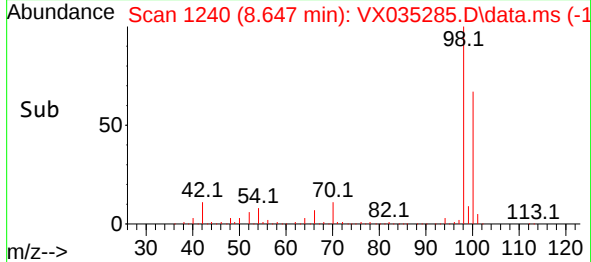
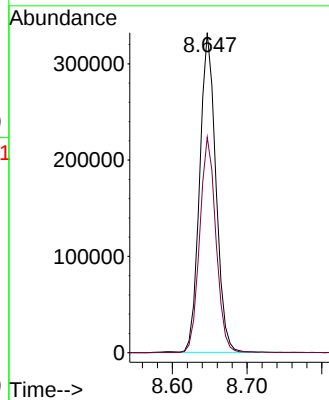
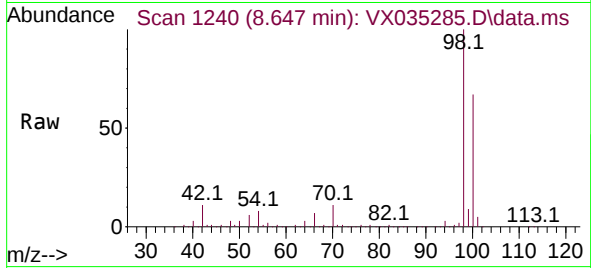




#50
Toluene-d8
Concen: 50.356 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

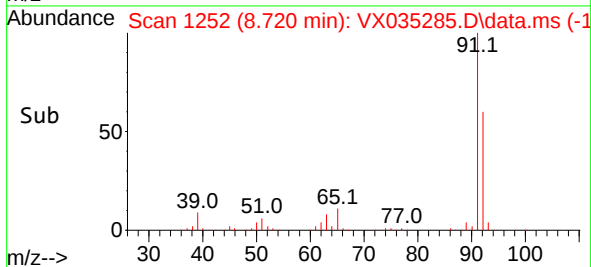
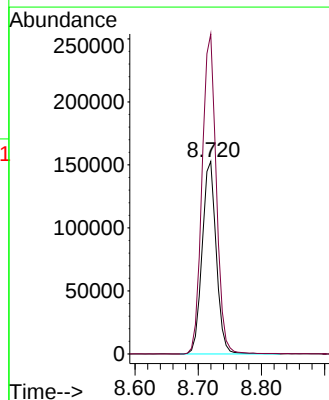
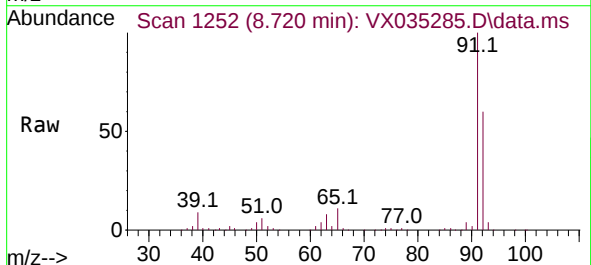
Instrument :
MSVOA_X
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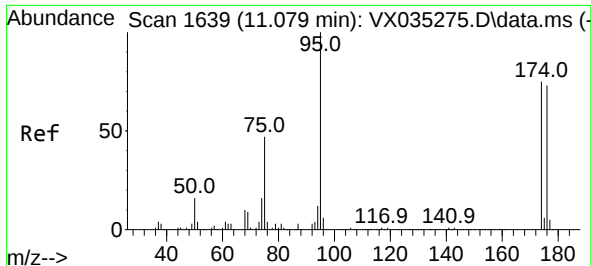
Tgt Ion: 98 Resp: 498517
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7



#52
Toluene
Concen: 31.811 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 92 Resp: 237033
Ion Ratio Lower Upper
92 100
91 168.0 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

AUD-1943

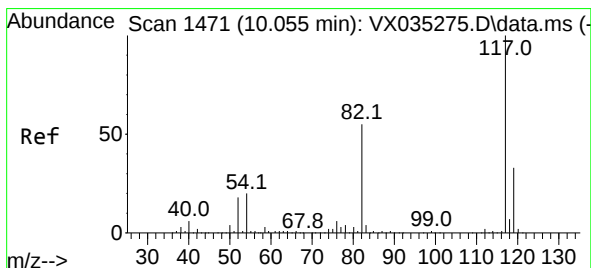
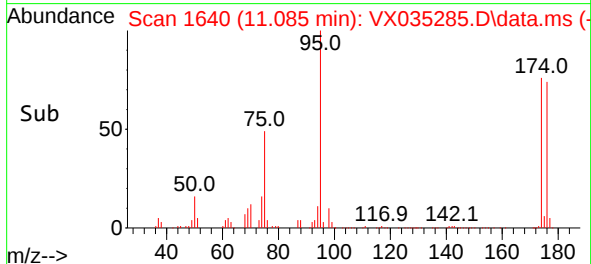
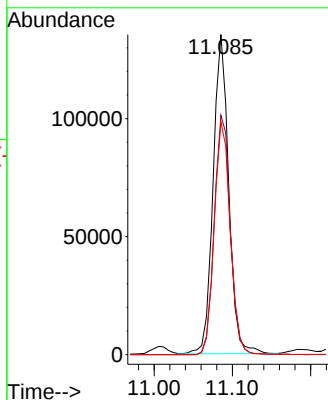
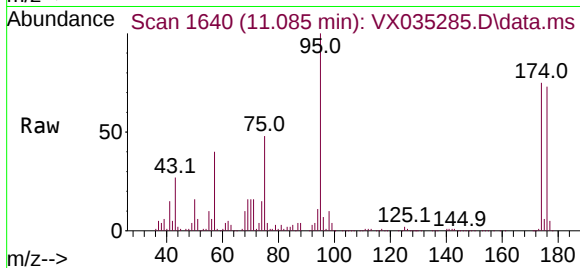
Tgt Ion: 95 Resp: 187200

Ion Ratio Lower Upper

95 100

174 77.0 0.0 147.4

176 74.7 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

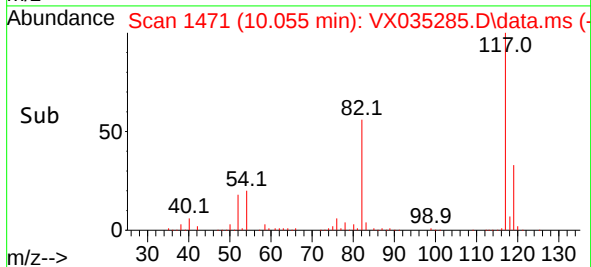
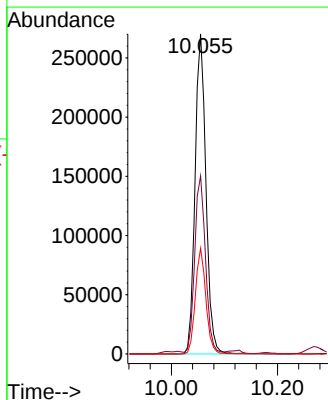
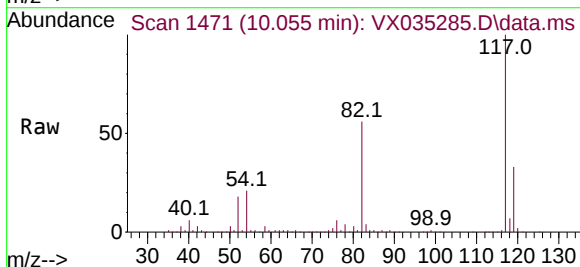
Tgt Ion: 117 Resp: 383076

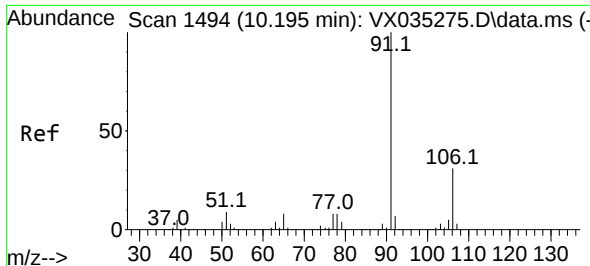
Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

119 33.0 26.0 39.0

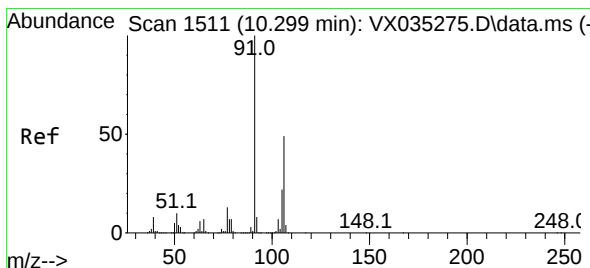
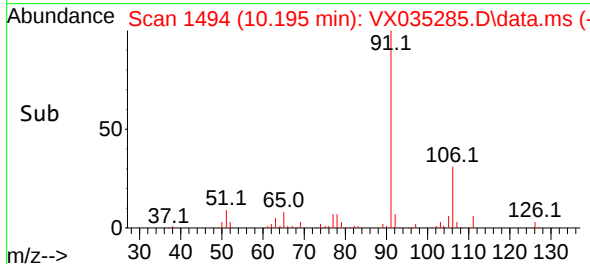
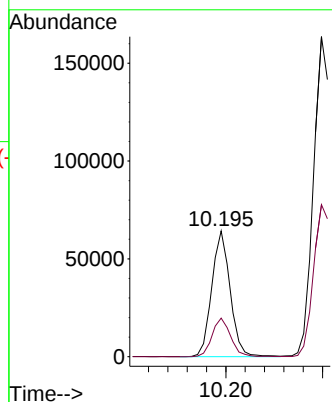
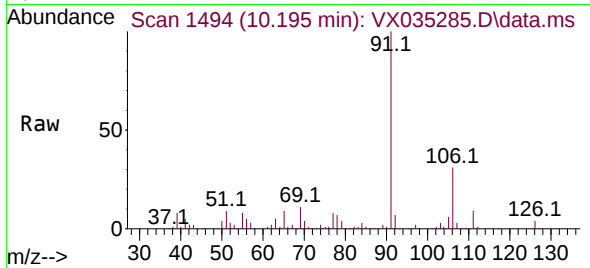




#67
Ethyl Benzene
Concen: 5.922 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

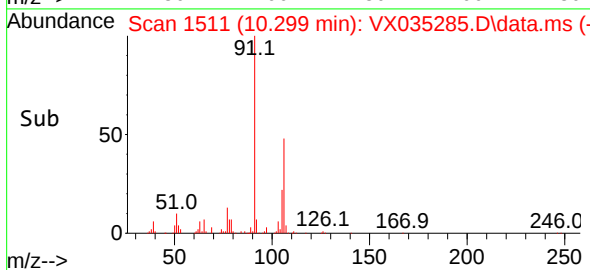
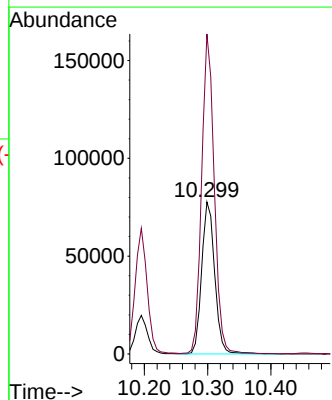
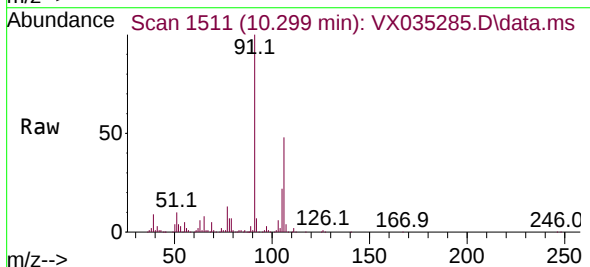
Instrument :
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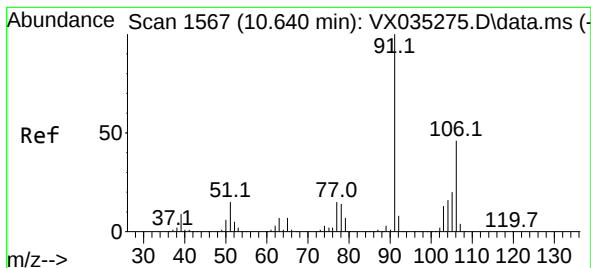
Tgt Ion: 91 Resp: 85002
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 20.204 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 106 Resp: 111117
Ion Ratio Lower Upper
106 100
91 204.9 164.0 246.0





#69

o-Xylene

Concen: 9.563 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

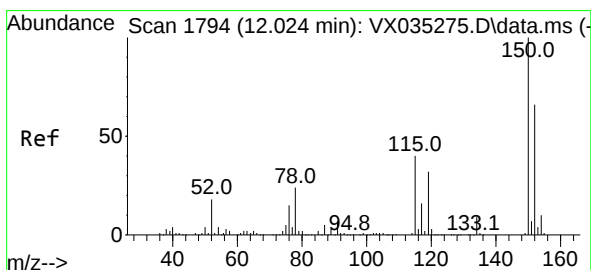
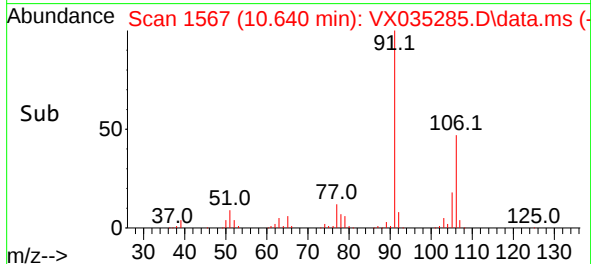
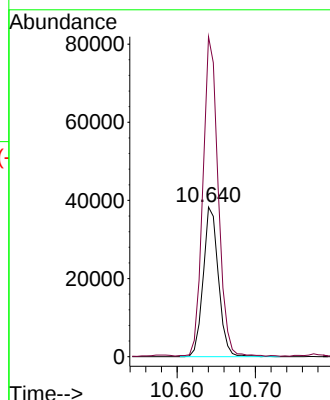
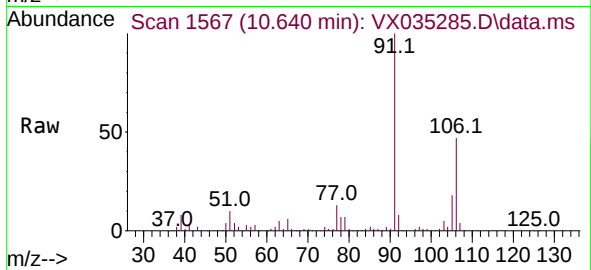
AUD-1943

Tgt Ion:106 Resp: 51572

Ion Ratio Lower Upper

106 100

91 214.0 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

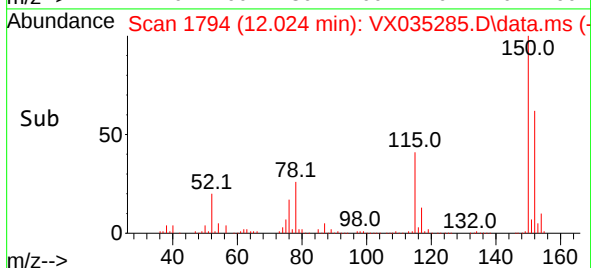
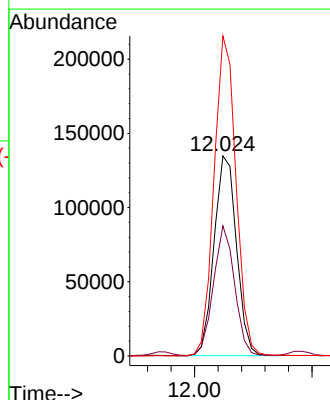
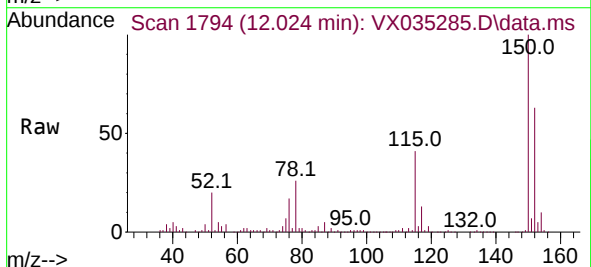
Tgt Ion:152 Resp: 178793

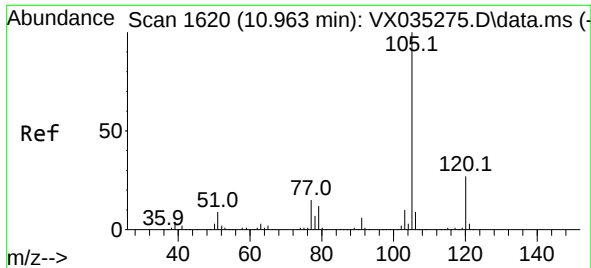
Ion Ratio Lower Upper

152 100

115 61.7 45.0 135.0

150 156.8 0.0 352.4

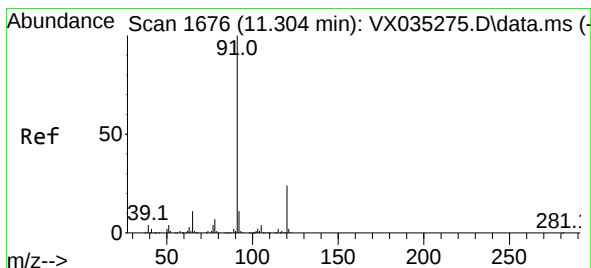
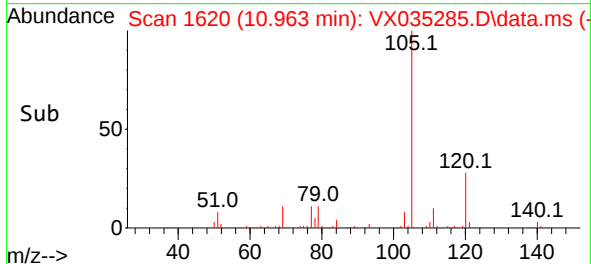
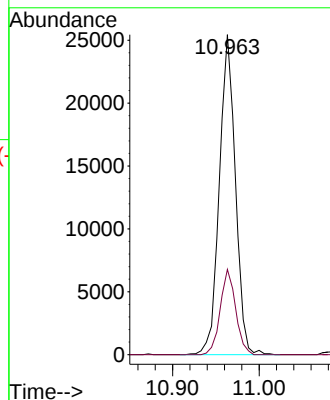
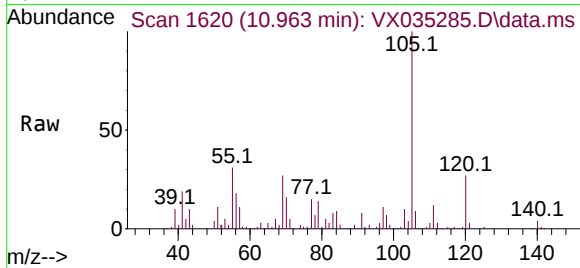




#73
Isopropylbenzene
Concen: 2.507 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

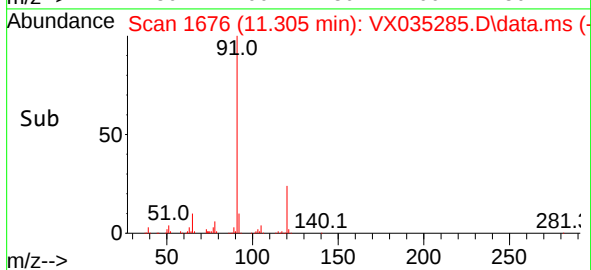
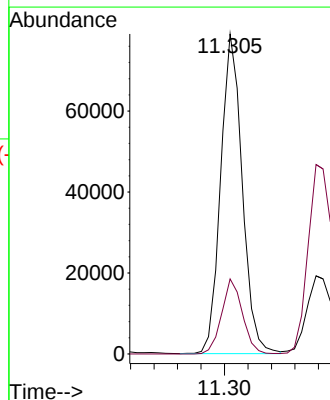
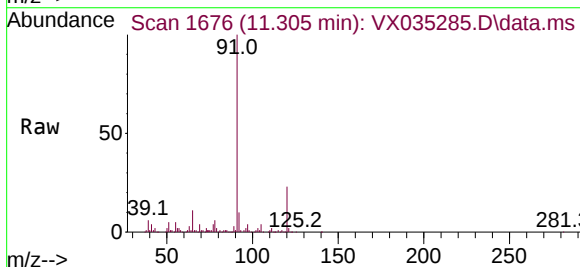
Instrument :
MSVOA_X
ClientSampleId :
AUD-1943

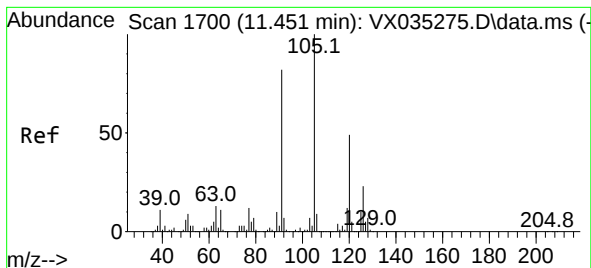
Tgt Ion:105 Resp: 32768
Ion Ratio Lower Upper
105 100
120 25.5 13.3 39.9



#78
n-propylbenzene
Concen: 6.705 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035285.D
Acq: 25 Apr 2023 15:50

Tgt Ion: 91 Resp: 100639
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 8.244 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035285.D

Acq: 25 Apr 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

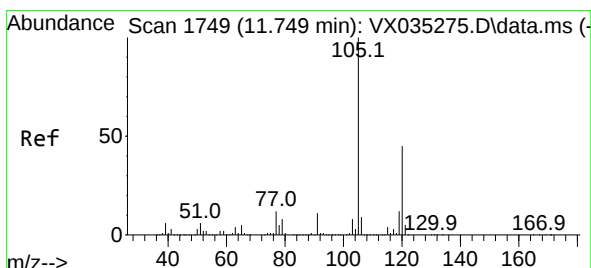
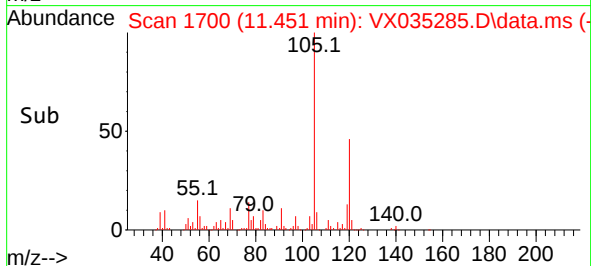
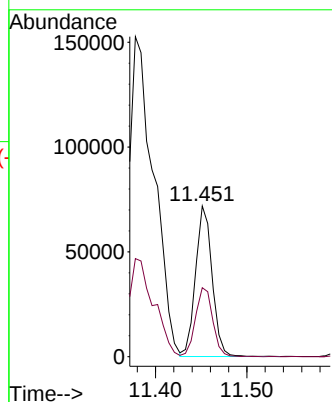
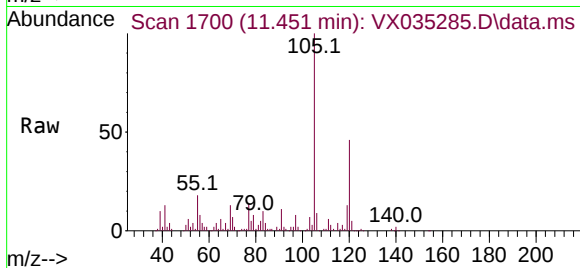
AUD-1943

Tgt Ion:105 Resp: 90846

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 26.318 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.007 min

Lab File: VX035285.D

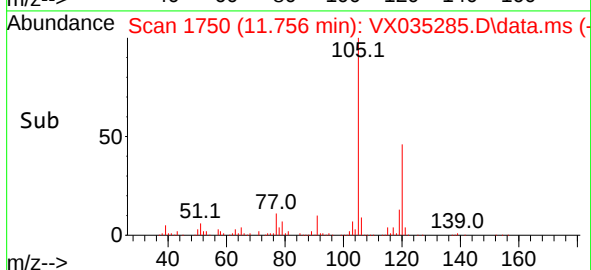
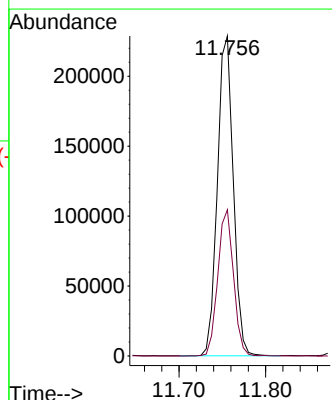
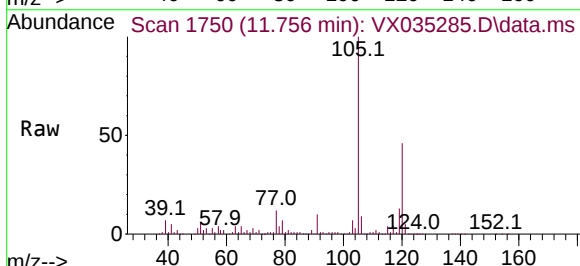
Acq: 25 Apr 2023 15:50

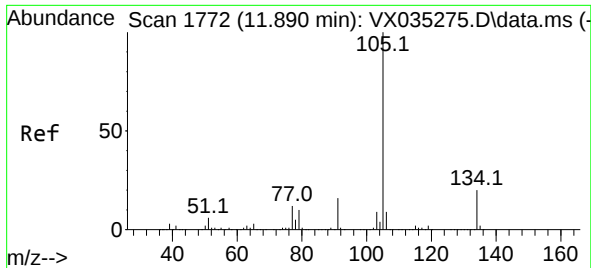
Tgt Ion:105 Resp: 291415

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0

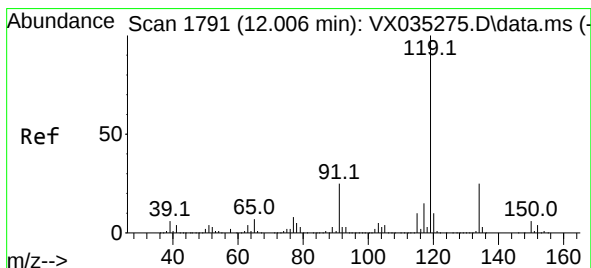
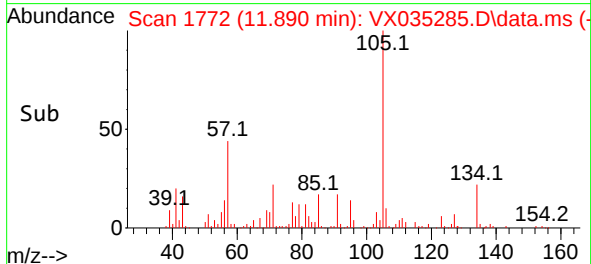
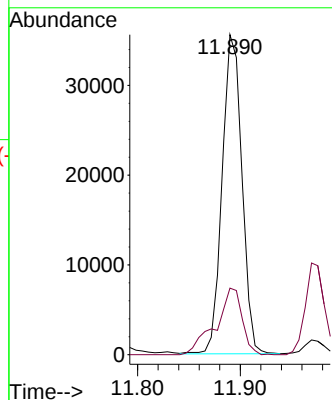
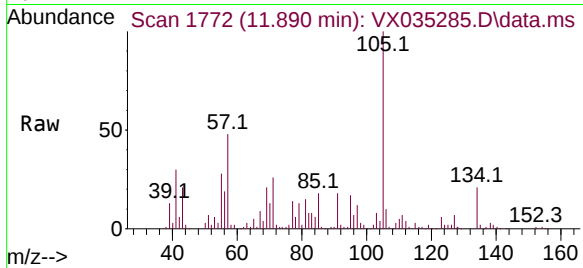




#85
 sec-Butylbenzene
 Concen: 3.495 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035285.D
 Acq: 25 Apr 2023 15:50

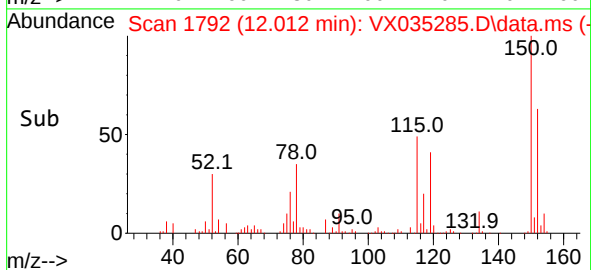
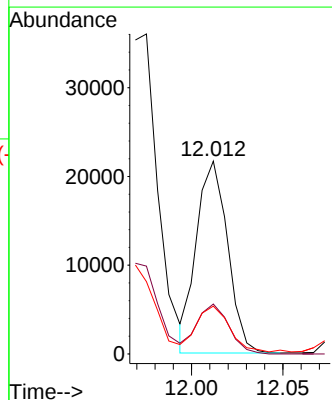
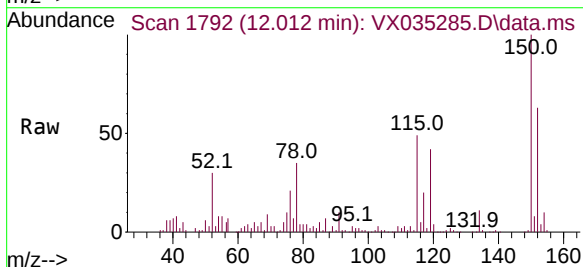
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1943

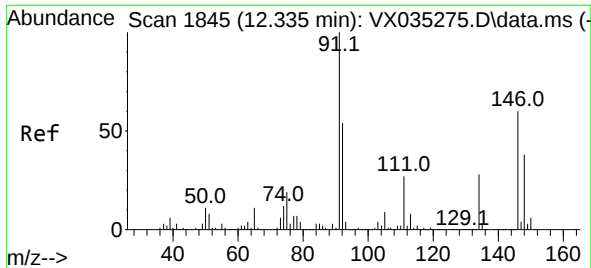
Tgt Ion:105 Resp: 47396
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.222 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035285.D
 Acq: 25 Apr 2023 15:50

Tgt Ion:119 Resp: 25633
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 25.2 12.9 38.7





#89

n-Butylbenzene

Concen: 8.978 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035285.D

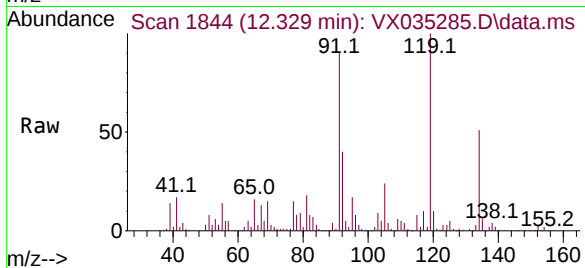
Acq: 25 Apr 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

AUD-1943



Tgt Ion: 91	Resp:	87425
Ion	Ratio	Lower Upper
91	100	
92	39.1	27.7 83.0
134	82.5	13.0 38.9#

