

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026222.D
 Acq On : 03 Jan 2022 16:00
 Operator : JC/MD
 Sample : M5327-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1235-1241

Quant Time: Jan 04 03:51:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

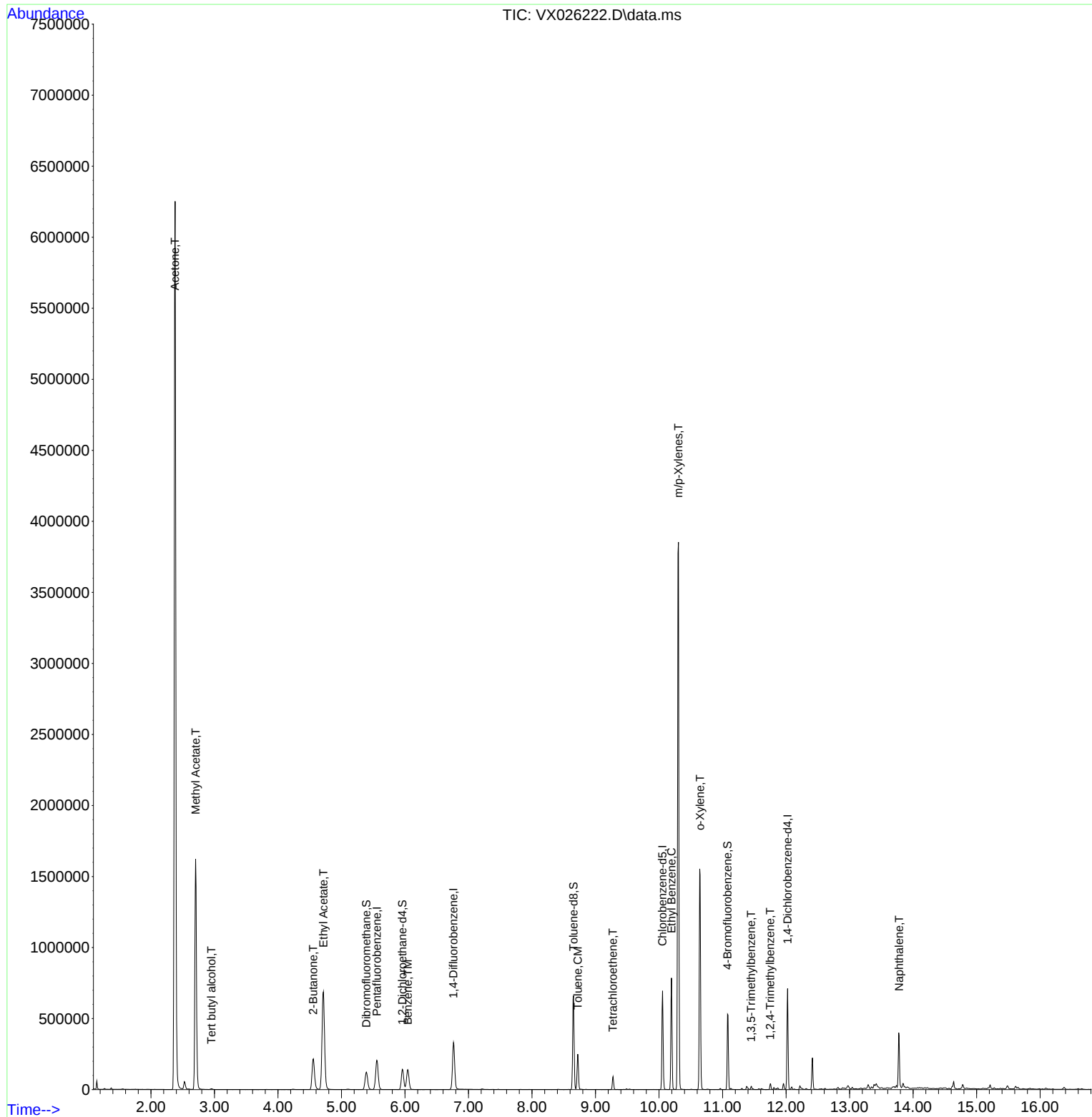
Internal Standards						
1) Pentafluorobenzene	5.556	168	183844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	318476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140405	52.790	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.580%			
35) Dibromofluoromethane	5.391	113	105046	50.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	8.653	98	376226	48.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	141541	51.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.260%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	6265	11.793	ug/l	100
16) Acetone	2.380	43	6666175	4625.900	ug/l	99
18) Methyl Acetate	2.703	43	1879194	402.030	ug/l	97
25) 2-Butanone	4.556	43	381687	190.142	ug/l	98
37) Ethyl Acetate	4.715	43	1213034	313.269	ug/l	99
40) Benzene	6.044	78	164564	17.266	ug/l	100
52) Toluene	8.720	92	88864	15.145	ug/l	97
64) Tetrachloroethene	9.275	164	14964	6.256	ug/l	96
67) Ethyl Benzene	10.195	91	425183	38.188	ug/l	97
68) m/p-Xylenes	10.305	106	865667	208.232	ug/l	93
69) o-Xylene	10.646	106	325945	80.133	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	9620	1.121	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	17231	2.009	ug/l	97
95) Naphthalene	13.780	128	227981	22.164	ug/l	100

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

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AUD-1235-1241

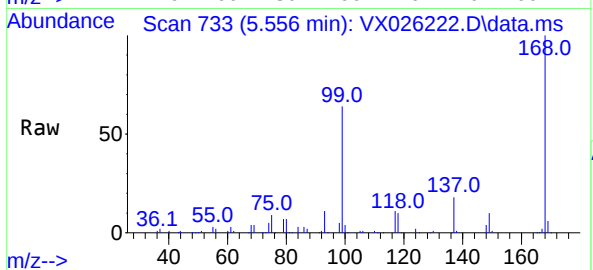
Quant Time: Jan 04 03:51:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
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QLast Update : Thu Dec 30 08:02:21 2021
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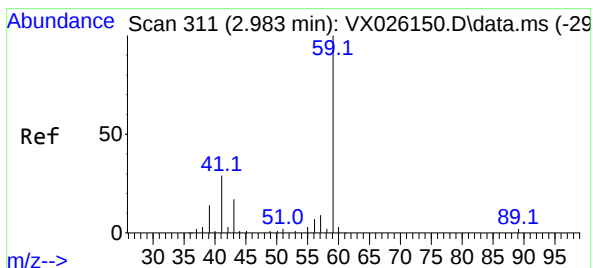
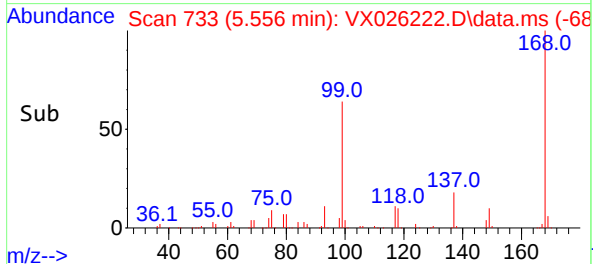
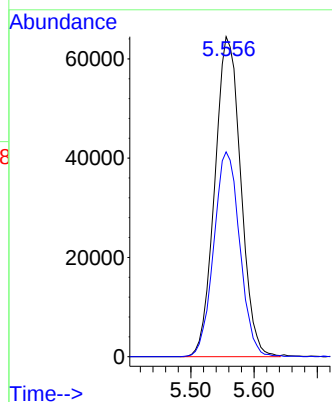


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

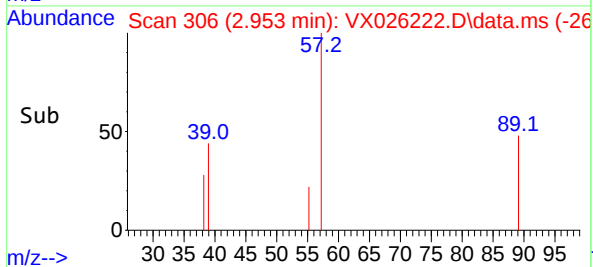
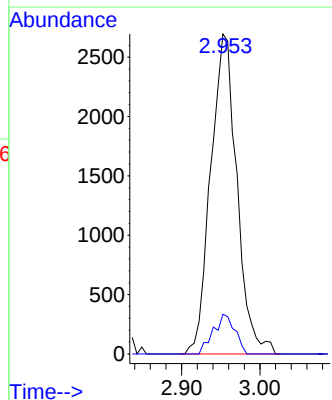
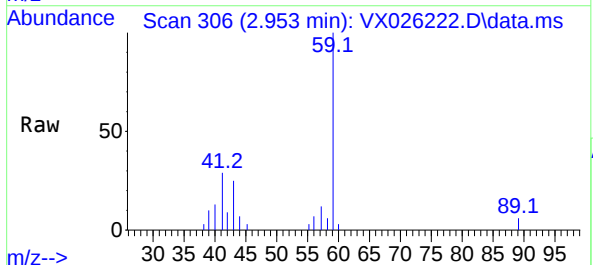


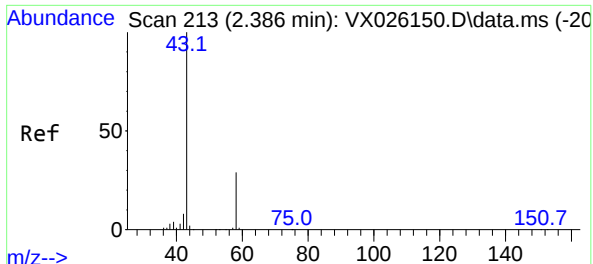
Tgt Ion:168 Resp: 183844
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 11.793 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion: 59 Resp: 6265
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

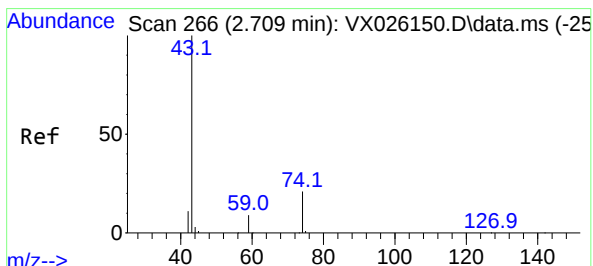
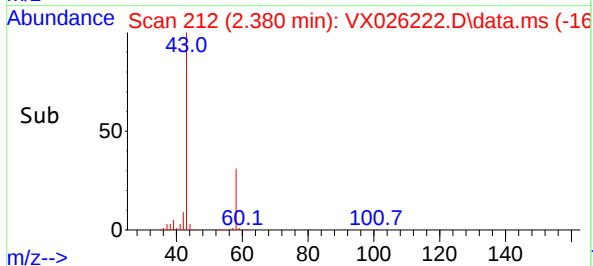
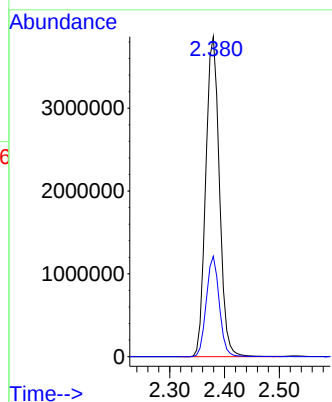
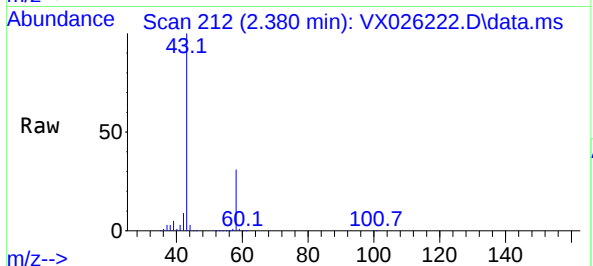




#16
Acetone
Concen: 4625.900 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

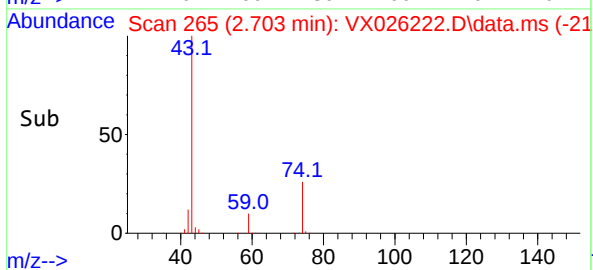
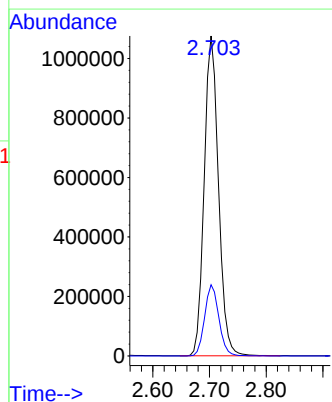
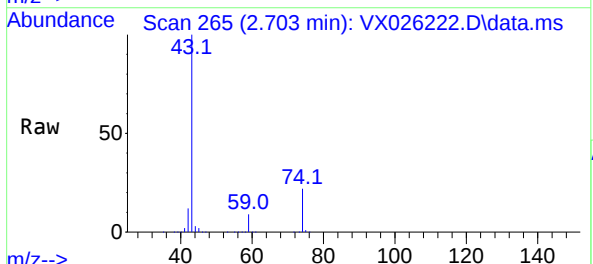
Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

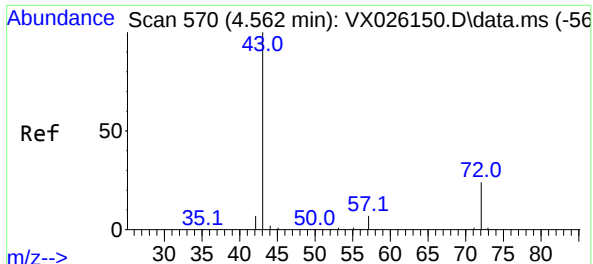
Tgt Ion: 43 Resp: 6666175
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2



#18
Methyl Acetate
Concen: 402.030 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion: 43 Resp: 1879194
Ion Ratio Lower Upper
43 100
74 22.2 19.1 28.7





#25

2-Butanone

Concen: 190.142 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX026222.D

Acq: 03 Jan 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

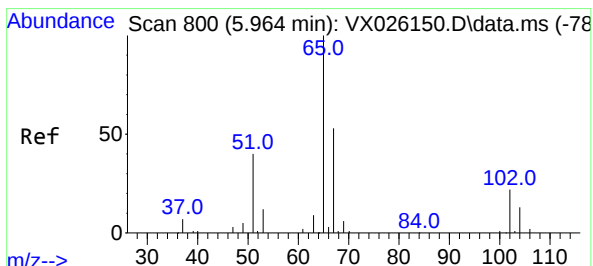
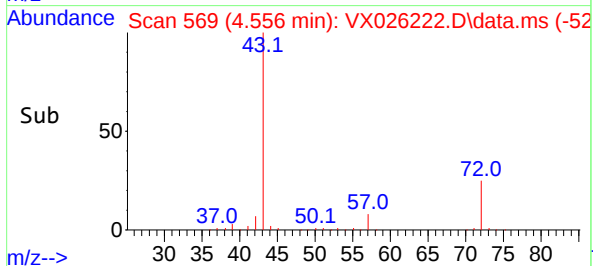
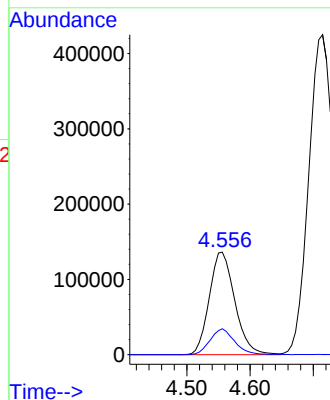
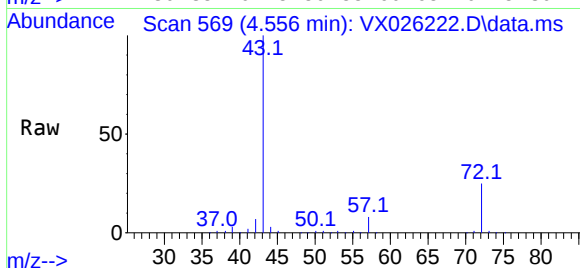
AUD-1235-1241

Tgt Ion: 43 Resp: 381687

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



#33

1,2-Dichloroethane-d4

Concen: 52.790 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026222.D

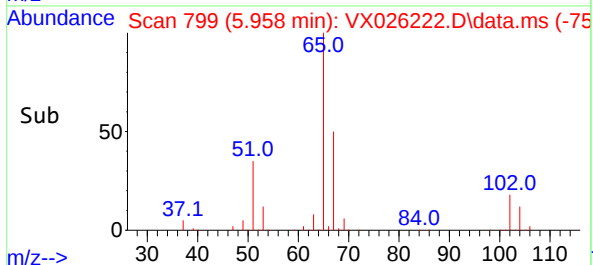
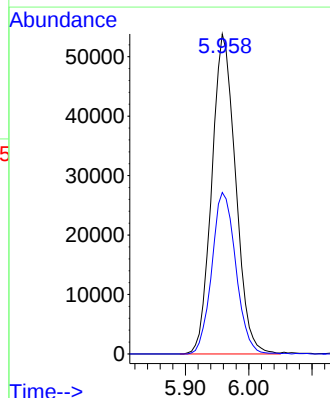
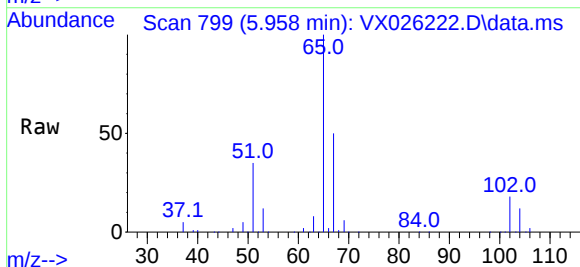
Acq: 03 Jan 2022 16:00

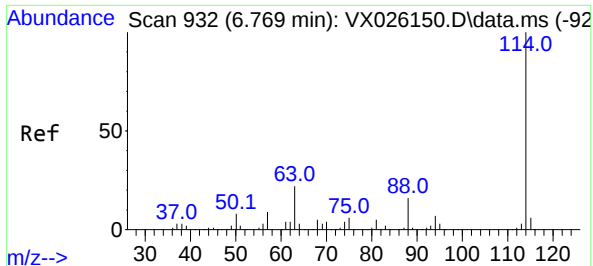
Tgt Ion: 65 Resp: 140405

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026222.D

Acq: 03 Jan 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

AUD-1235-1241

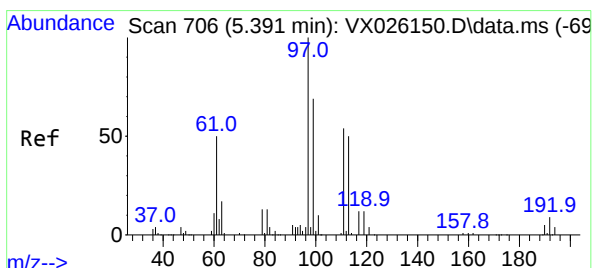
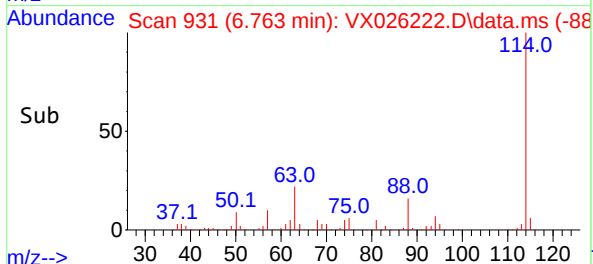
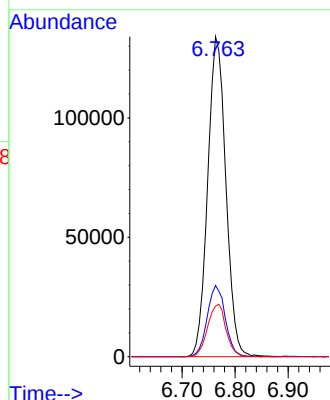
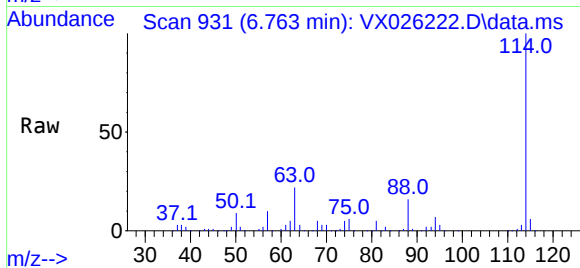
Tgt Ion:114 Resp: 318476

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.734 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026222.D

Acq: 03 Jan 2022 16:00

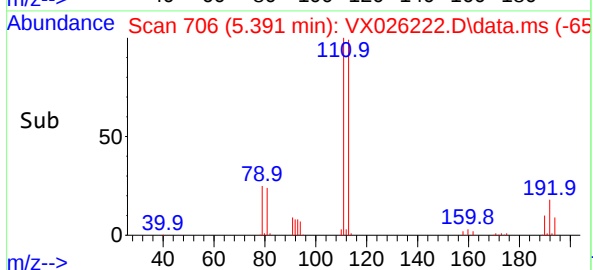
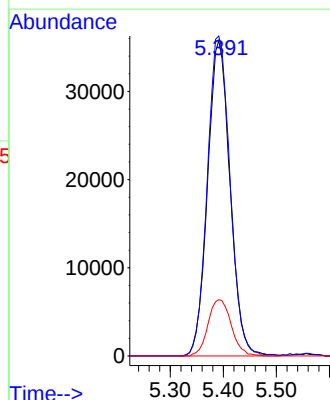
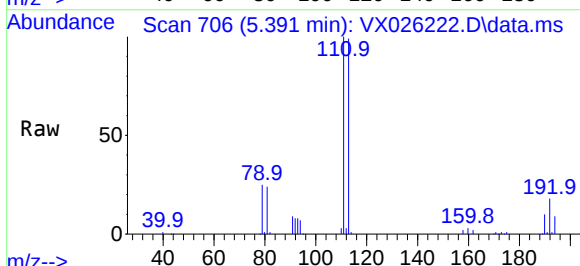
Tgt Ion:113 Resp: 105046

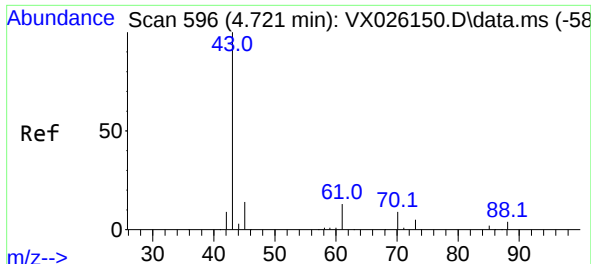
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 18.5 15.0 22.4



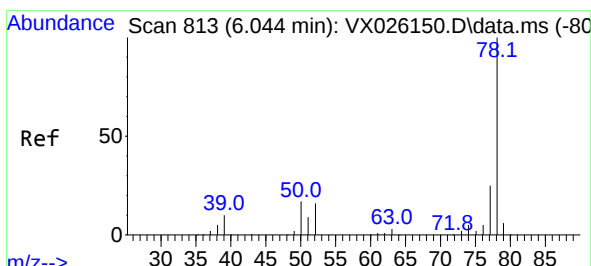
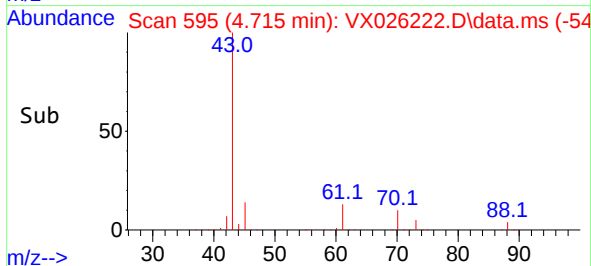
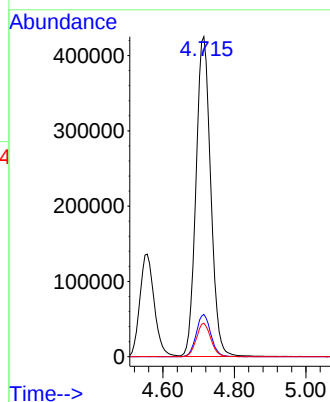
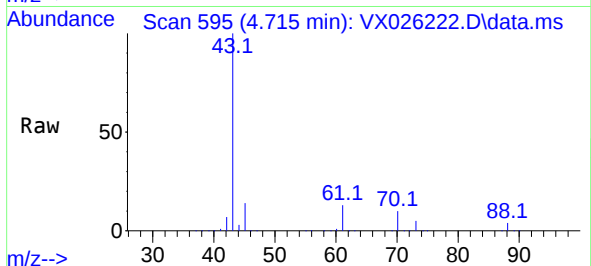


#37
Ethyl Acetate
Concen: 313.269 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

Tgt Ion: 43 Resp: 1213034

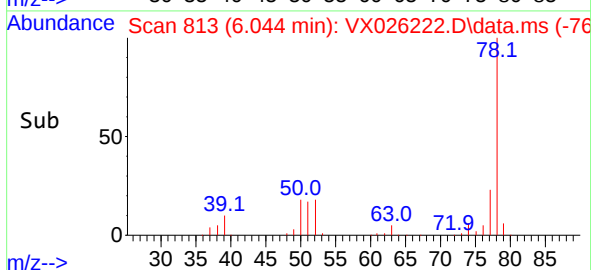
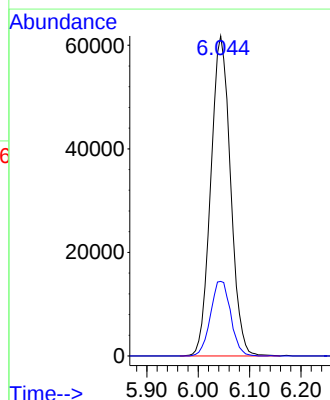
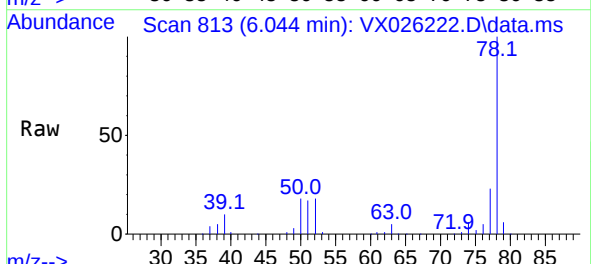
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	10.2	8.5	12.7

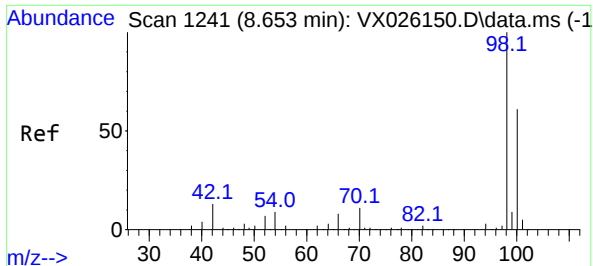


#40
Benzene
Concen: 17.266 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion: 78 Resp: 164564

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#50

Toluene-d8

Concen: 48.851 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026222.D

Acq: 03 Jan 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

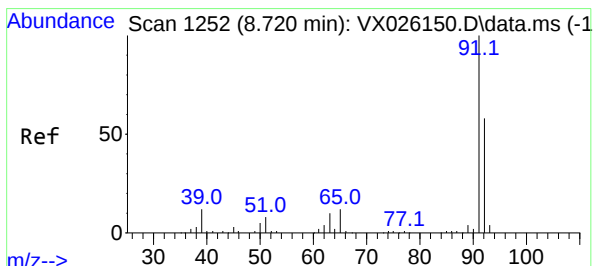
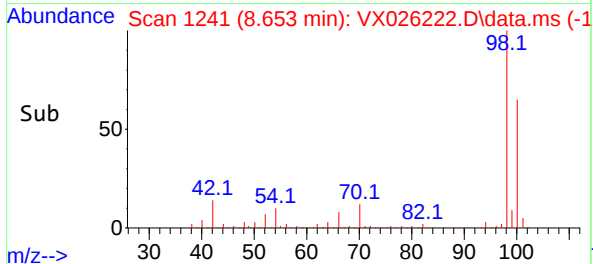
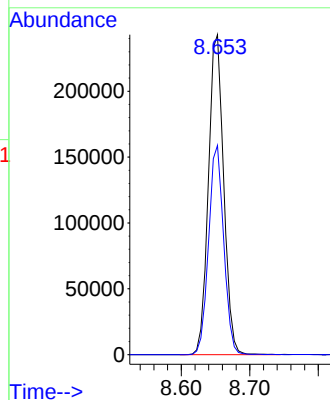
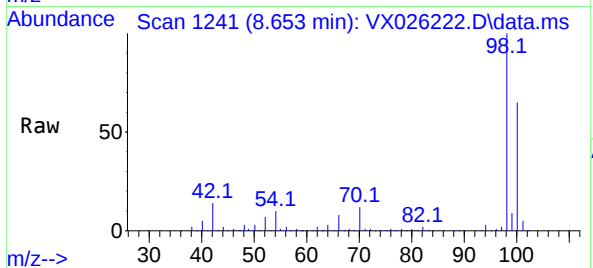
AUD-1235-1241

Tgt Ion: 98 Resp: 376226

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#52

Toluene

Concen: 15.145 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026222.D

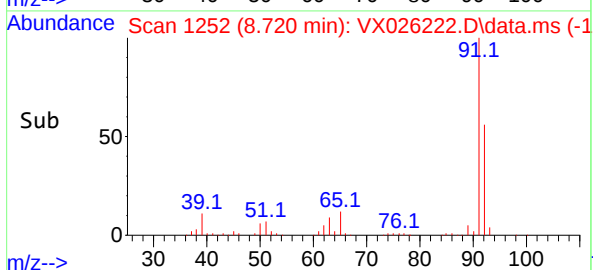
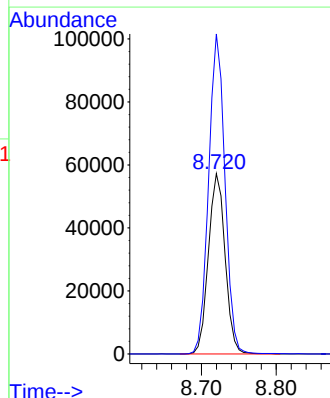
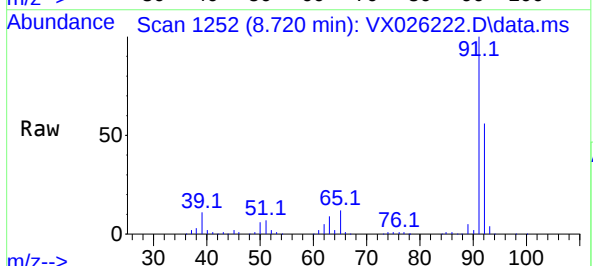
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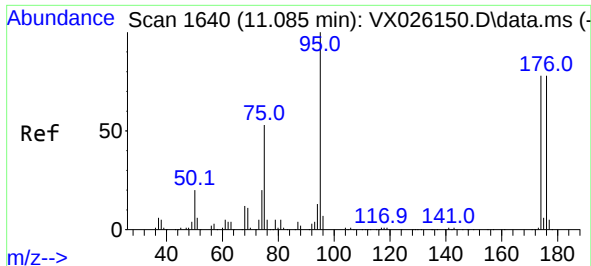
Tgt Ion: 92 Resp: 88864

Ion Ratio Lower Upper

92 100

91 173.9 136.0 204.0

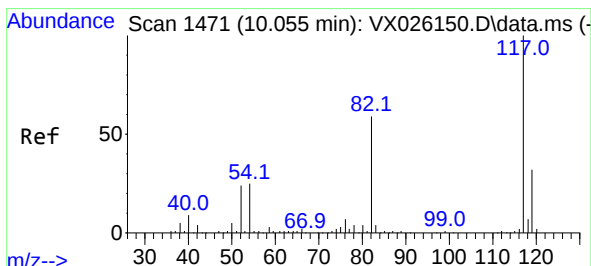
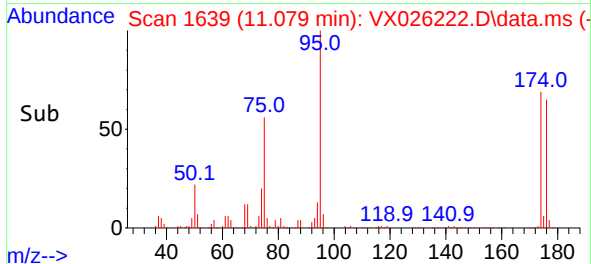
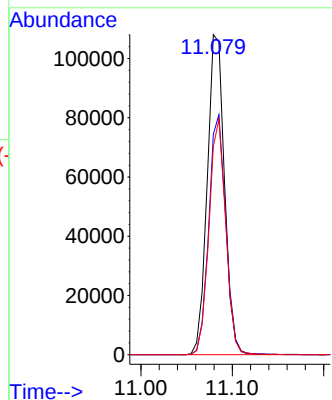
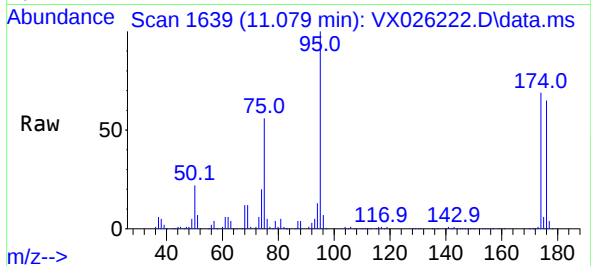




#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

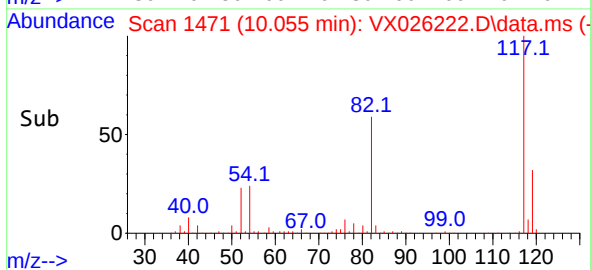
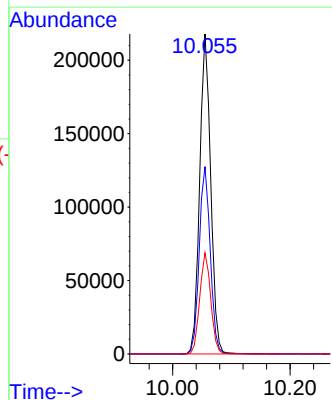
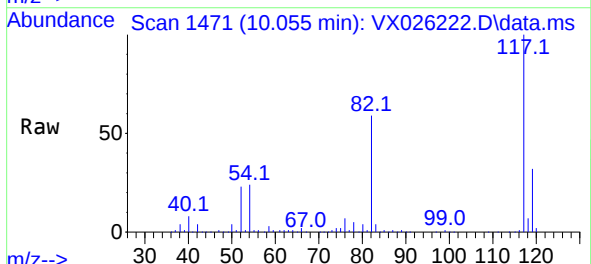
Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

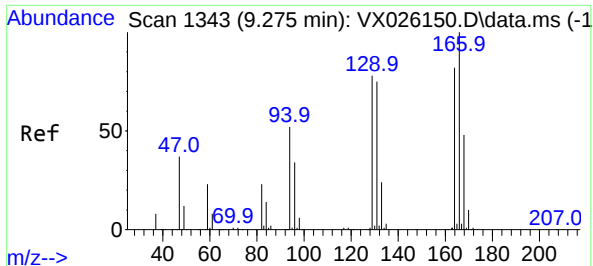
Tgt Ion: 95 Resp: 141541
Ion Ratio Lower Upper
95 100
174 74.0 0.0 157.4
176 71.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion: 117 Resp: 283456
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 31.6 25.2 37.8



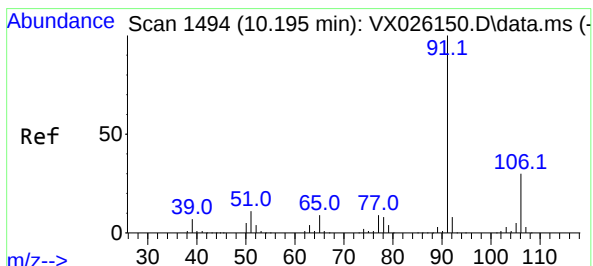
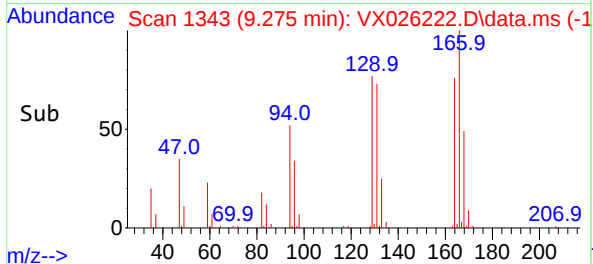
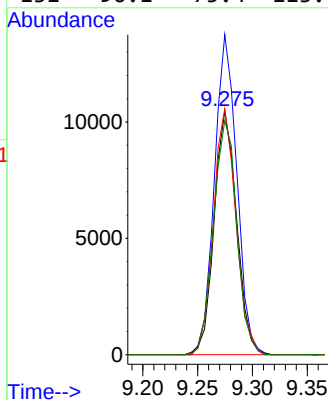
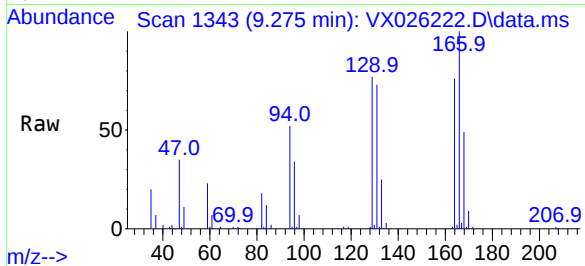


#64
Tetrachloroethene
Concen: 6.256 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

Tgt Ion:164 Resp: 14964

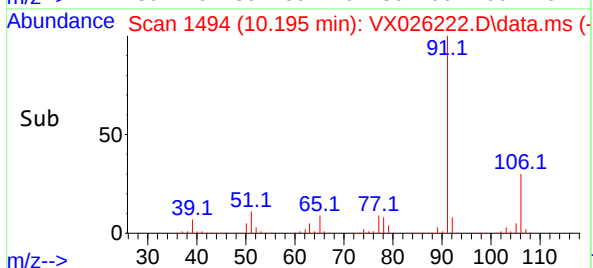
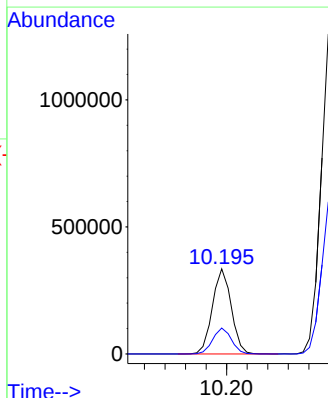
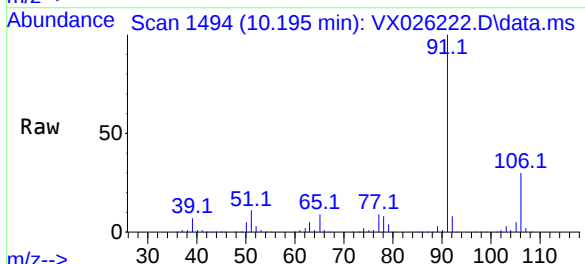
Ion	Ratio	Lower	Upper
164	100		
166	131.5	99.4	149.0
129	101.1	78.6	118.0
131	96.1	75.4	113.0

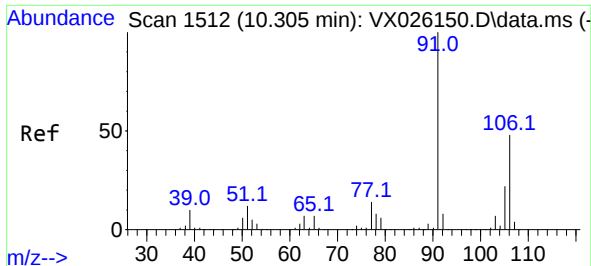


#67
Ethyl Benzene
Concen: 38.188 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion: 91 Resp: 425183

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.7	38.5

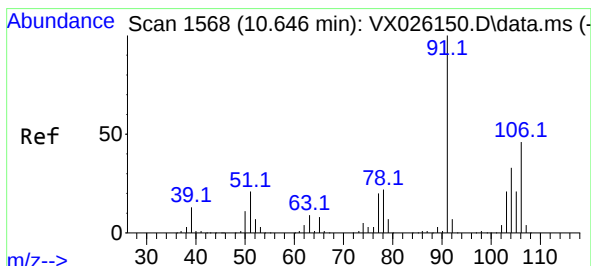
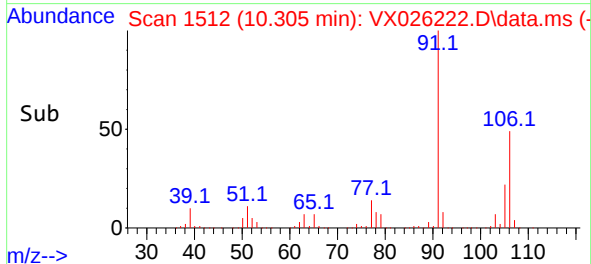
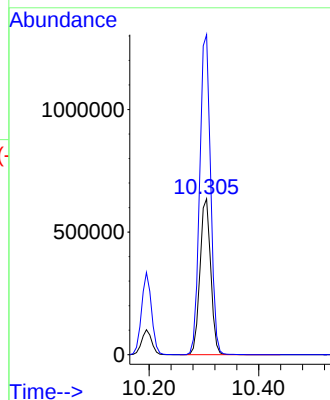
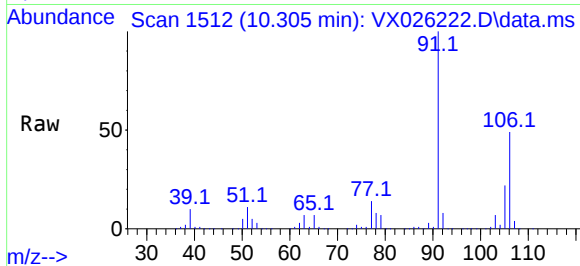




#68
m/p-Xylenes
Concen: 208.232 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

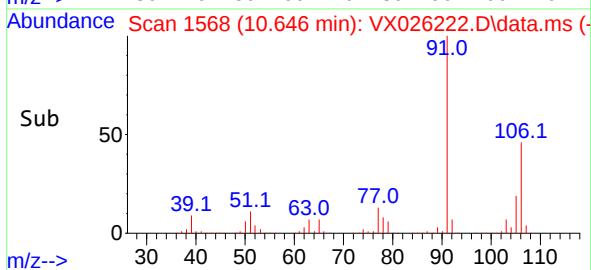
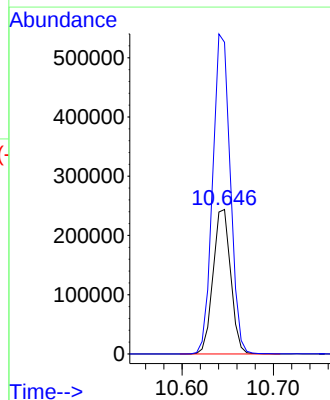
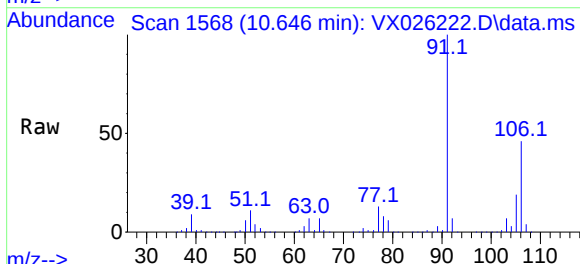
Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

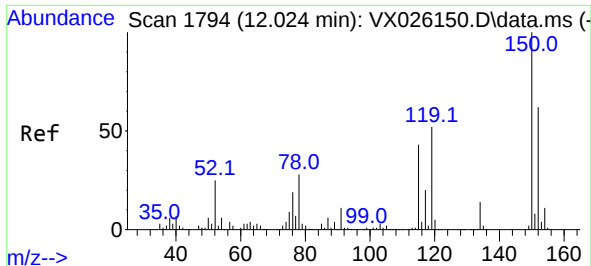
Tgt Ion:106 Resp: 865667
Ion Ratio Lower Upper
106 100
91 208.9 158.6 238.0



#69
o-Xylene
Concen: 80.133 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion:106 Resp: 325945
Ion Ratio Lower Upper
106 100
91 221.5 105.5 316.4

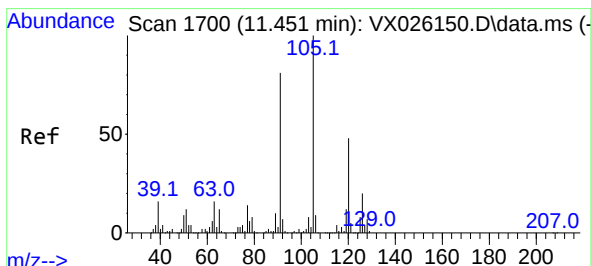
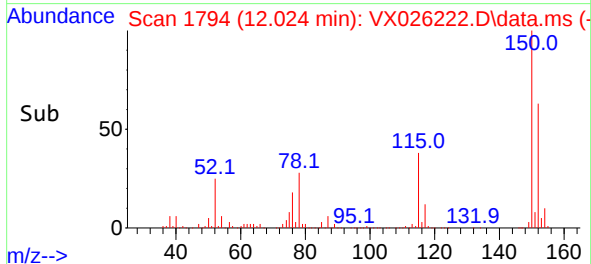
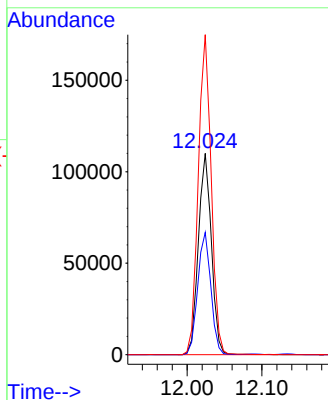
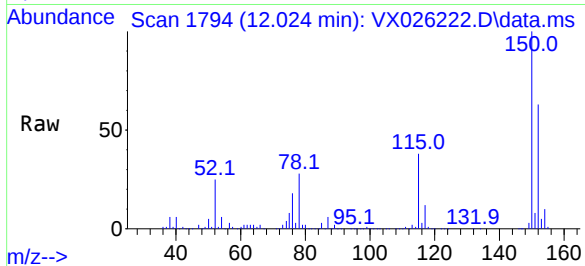




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026222.D
 Acq: 03 Jan 2022 16:00

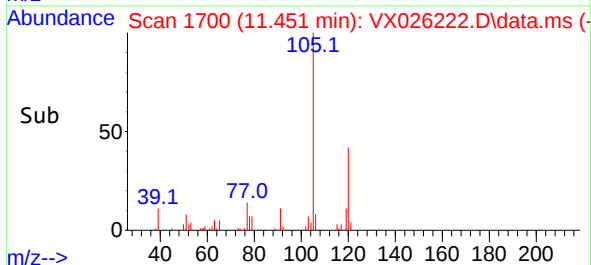
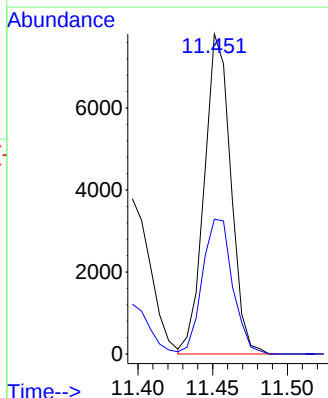
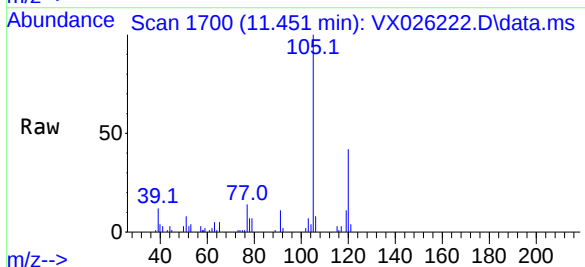
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1235-1241

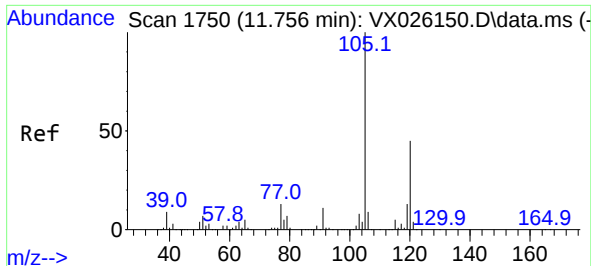
Tgt Ion:152 Resp: 133088
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.3 123.9
 150 157.9 0.0 351.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.121 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX026222.D
 Acq: 03 Jan 2022 16:00

Tgt Ion:105 Resp: 9620
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.7

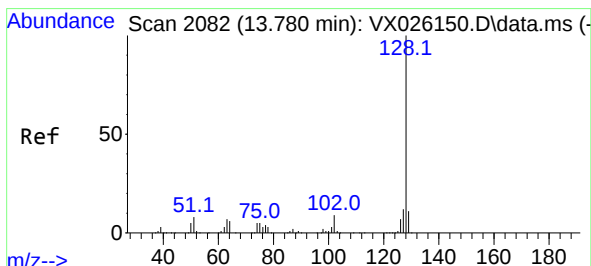
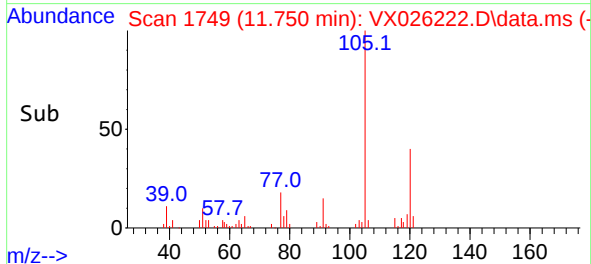
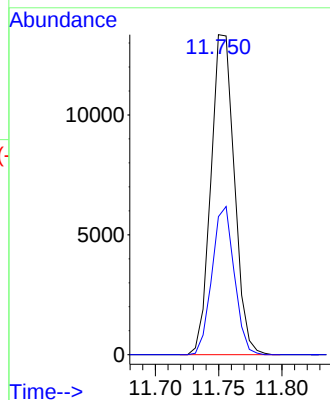
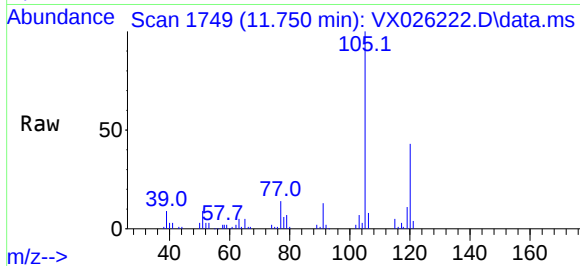




#84
1,2,4-Trimethylbenzene
Concen: 2.009 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
AUD-1235-1241

Tgt Ion:105 Resp: 17231
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.7



#95
Naphthalene
Concen: 22.164 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026222.D
Acq: 03 Jan 2022 16:00

Tgt Ion:128 Resp: 227981
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.8 13.2

