

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021313.D
 Acq On : 19 Mar 2021 19:33
 Operator : JC/MD
 Sample : M1687-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1033-1042

Quant Time: Mar 20 06:36:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

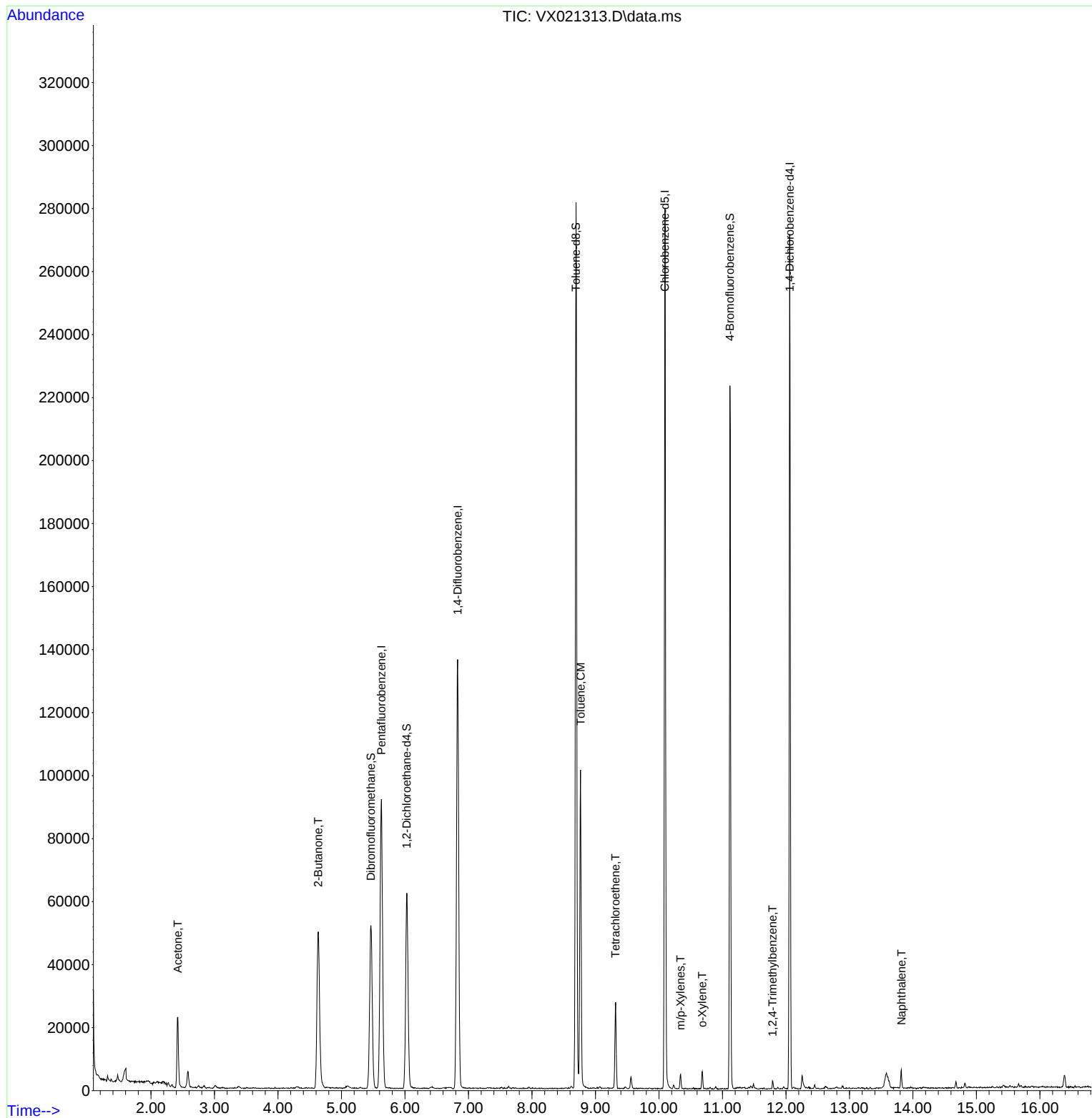
Internal Standards						
1) Pentafluorobenzene	5.629	168	77089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	127886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60322	47.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.42%
35) Dibromofluoromethane	5.464	113	43052	49.47	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.94%
50) Toluene-d8	8.694	98	157270	49.81	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.62%
62) 4-Bromofluorobenzene	11.118	95	56204	45.84	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.68%
Target Compounds						
					Qvalue	
16) Acetone	2.422	43	24326	52.29	ug/l	88
25) 2-Butanone	4.634	43	87275	121.99	ug/l	92
52) Toluene	8.764	92	34658	15.78	ug/l	98
64) Tetrachloroethene	9.317	164	4689	5.69	ug/l	92
68) m/p-Xylenes	10.341	106	869	0.58	ug/l #	63
69) o-Xylene	10.682	106	1150	0.79	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	824	0.26	ug/l	97
95) Naphthalene	13.818	128	3378	0.95	ug/l	99

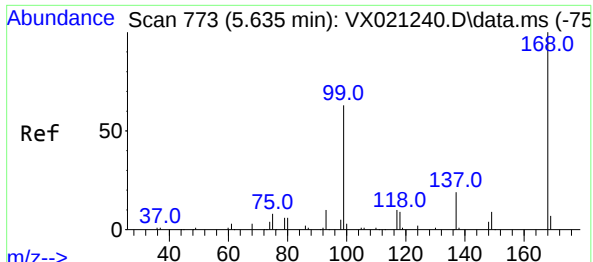
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

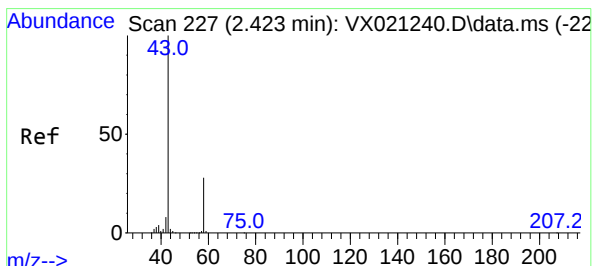
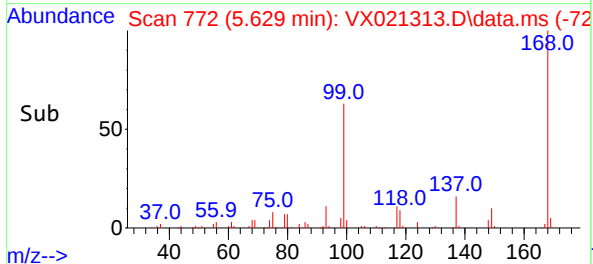
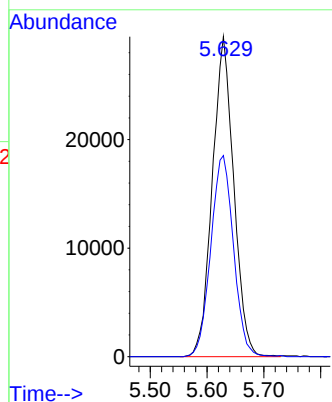
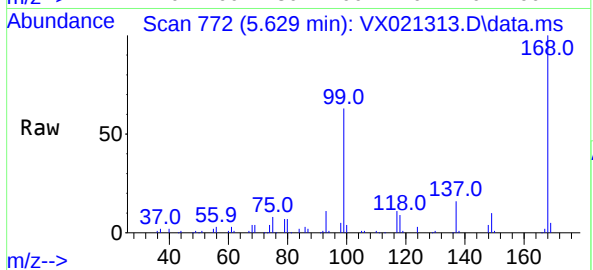




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

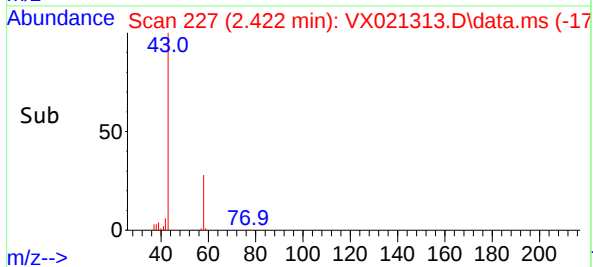
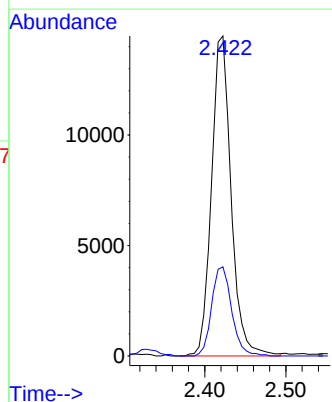
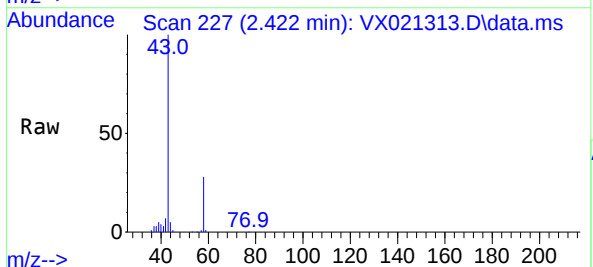
Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

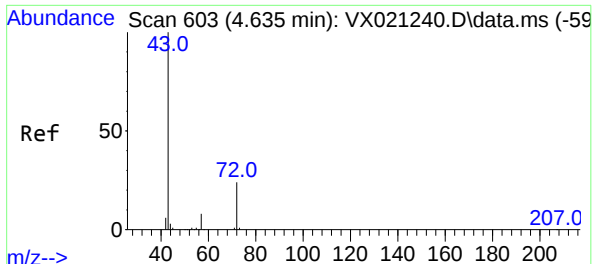
Tgt Ion:168 Resp: 77089
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#16
Acetone
Concen: 52.29 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion: 43 Resp: 24326
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8

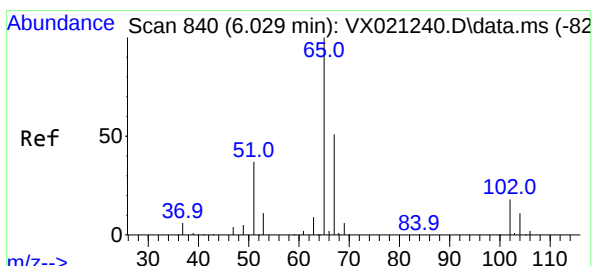
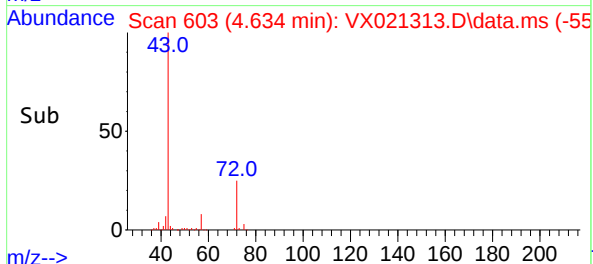
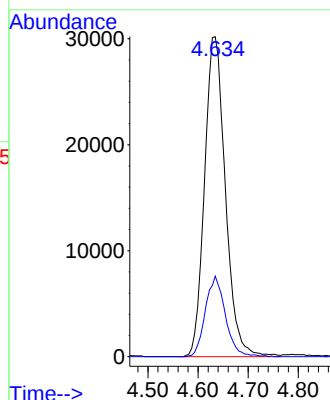
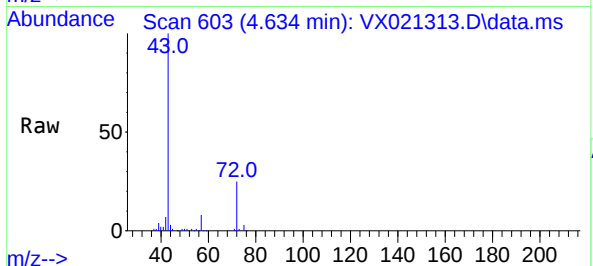




#25
2-Butanone
Concen: 121.99 ug/l
RT: 4.634 min Scan# 603
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

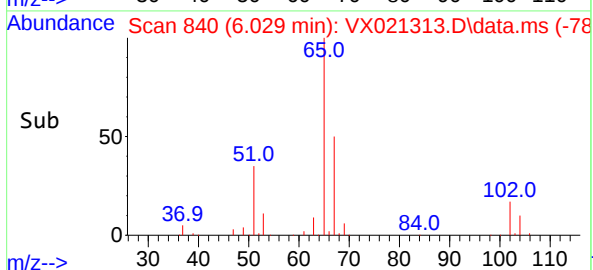
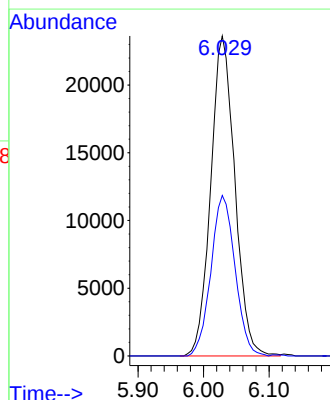
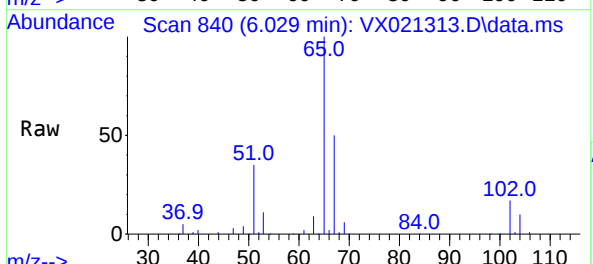
Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

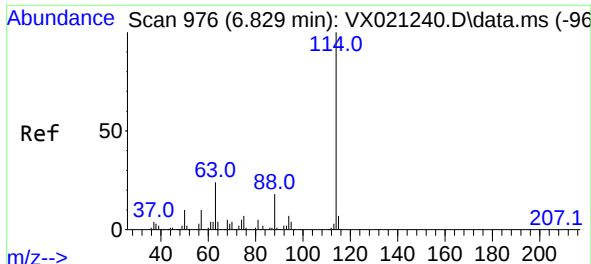
Tgt Ion: 43 Resp: 87275
Ion Ratio Lower Upper
43 100
72 25.1 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.71 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion: 65 Resp: 60322
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

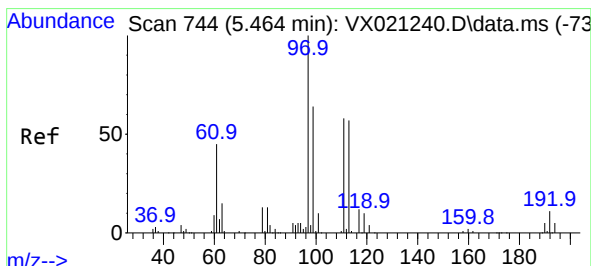
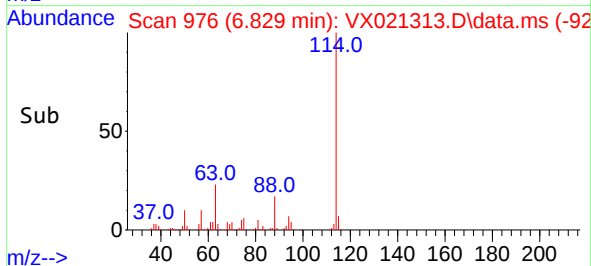
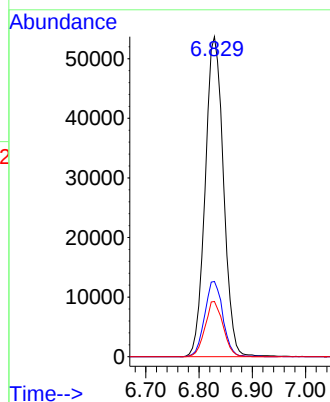
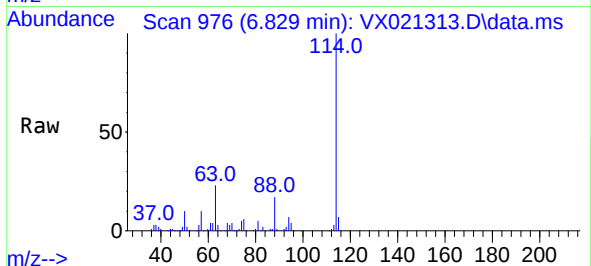




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

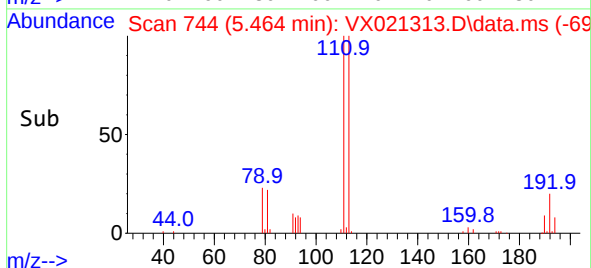
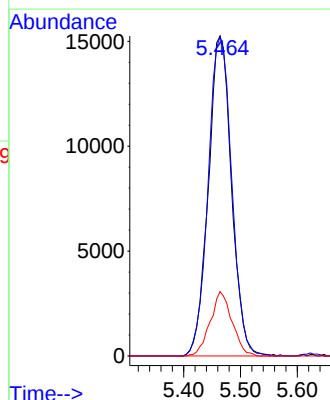
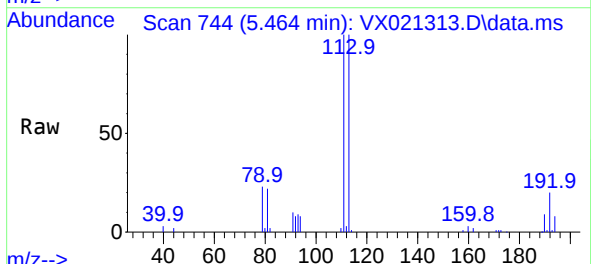
Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

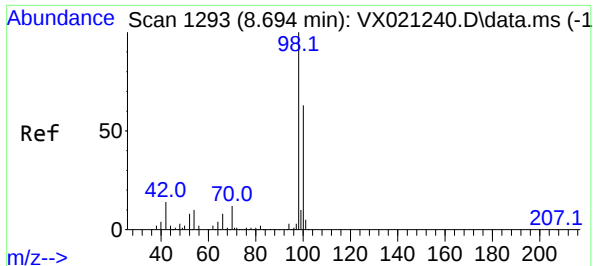
Tgt Ion:114 Resp: 127886
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.47 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion:113 Resp: 43052
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.0 16.7 25.1

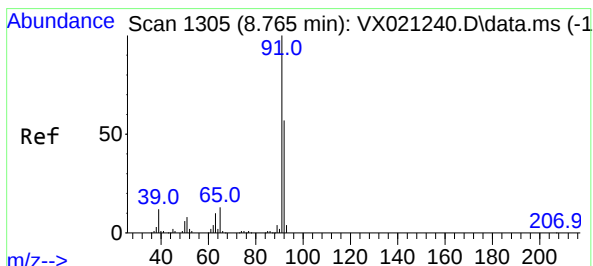
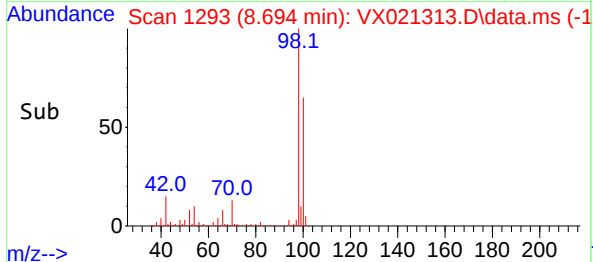
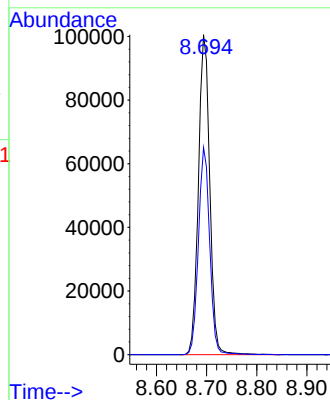
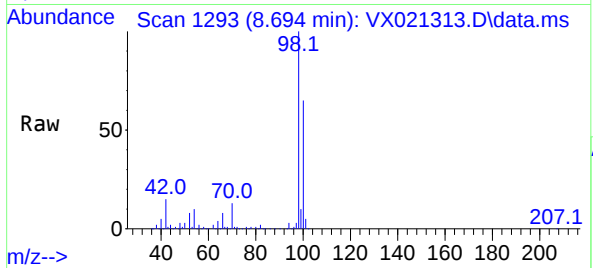




#50
Toluene-d8
Concen: 49.81 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

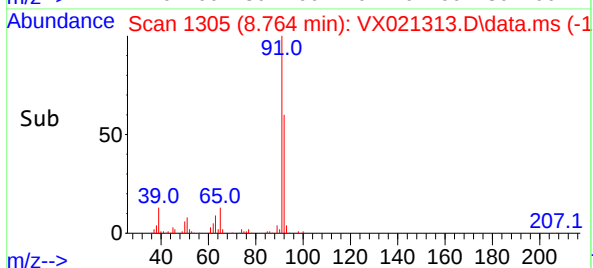
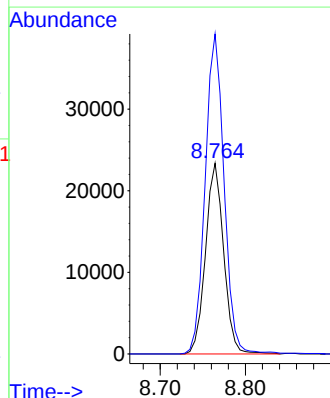
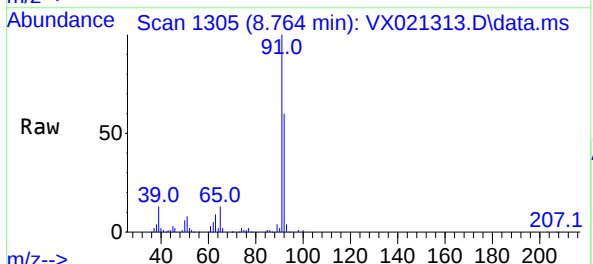
Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

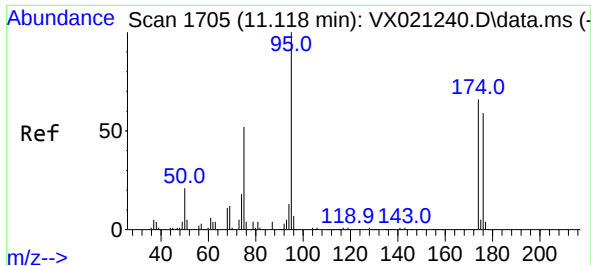
Tgt Ion: 98 Resp: 157270
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#52
Toluene
Concen: 15.78 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion: 92 Resp: 34658
Ion Ratio Lower Upper
92 100
91 174.7 137.1 205.7

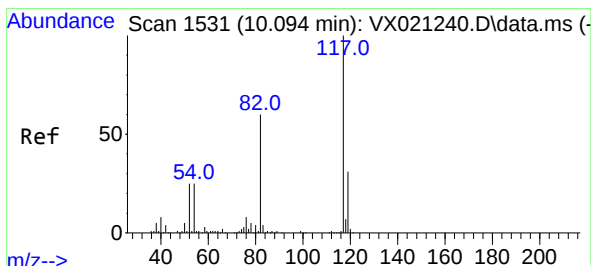
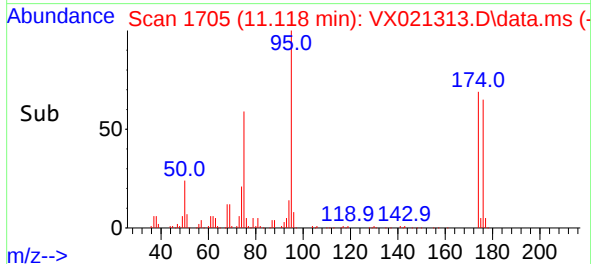
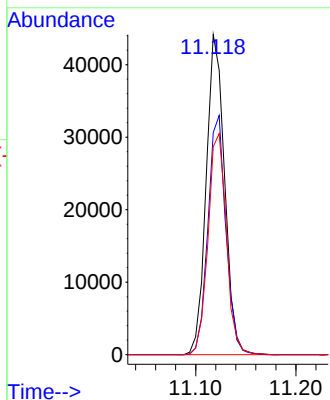
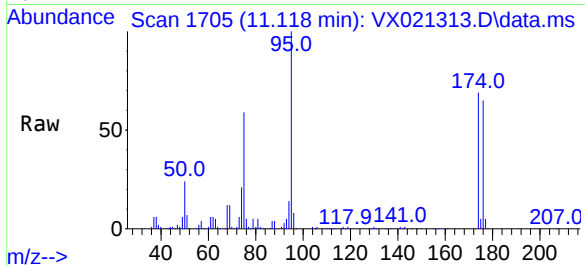




#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

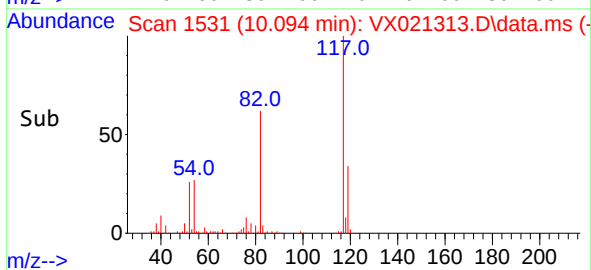
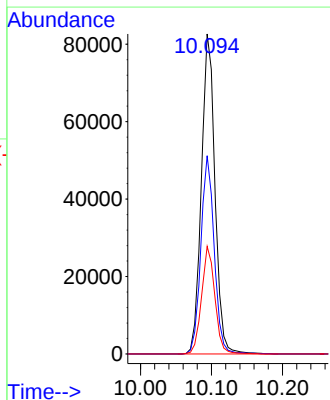
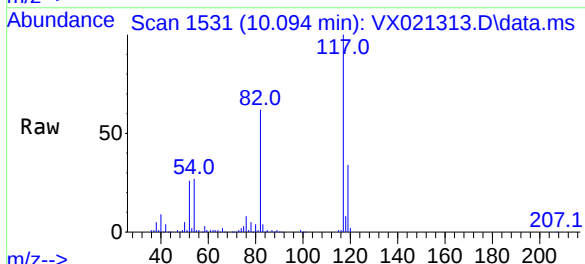
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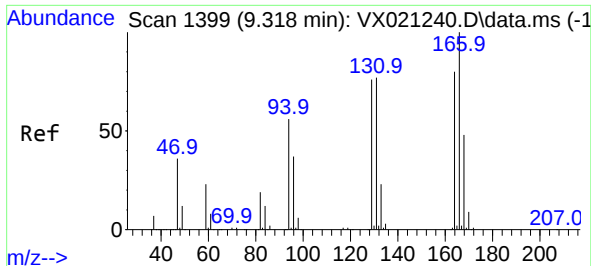
Tgt Ion:	95	Resp:	56204
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	154.6
176	69.2	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion:	117	Resp:	110308
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	33.6	26.6	39.8



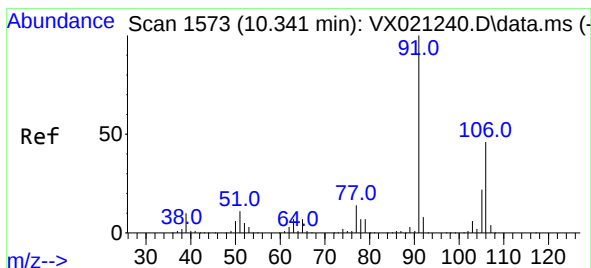
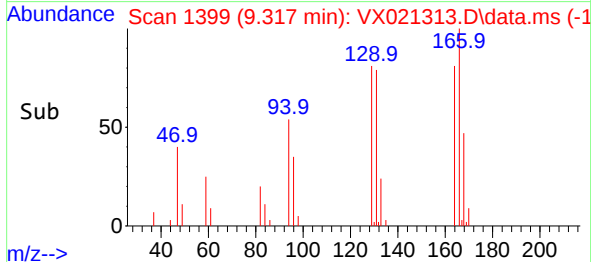
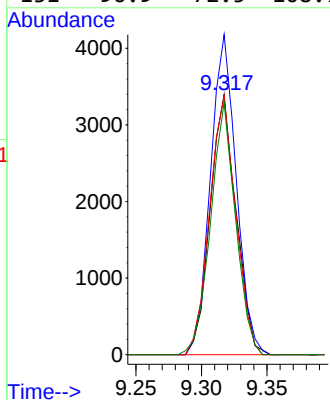
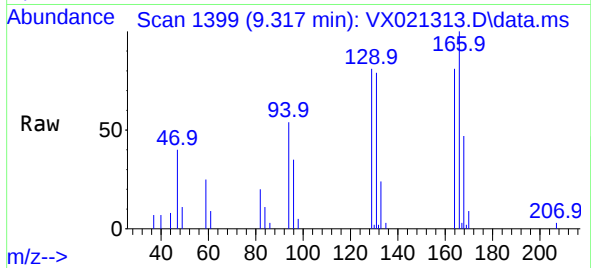


#64
Tetrachloroethene
Concen: 5.69 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 4689

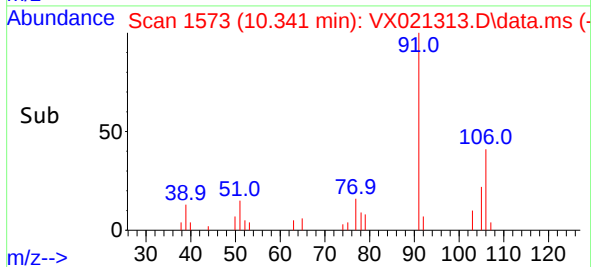
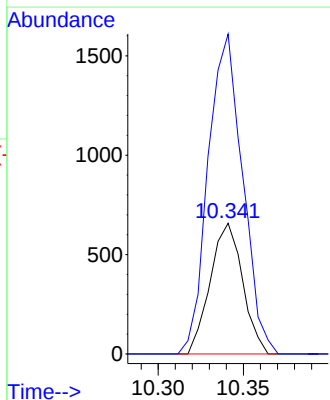
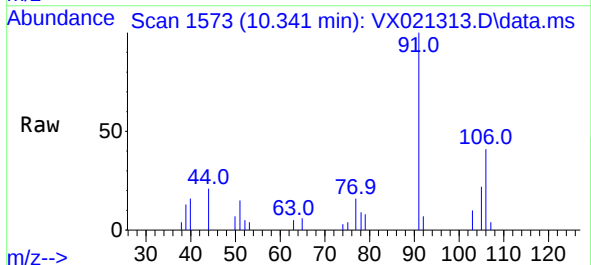
Ion	Ratio	Lower	Upper
164	100		
166	123.1	103.4	155.2
129	99.4	70.8	106.2
131	96.9	72.5	108.7

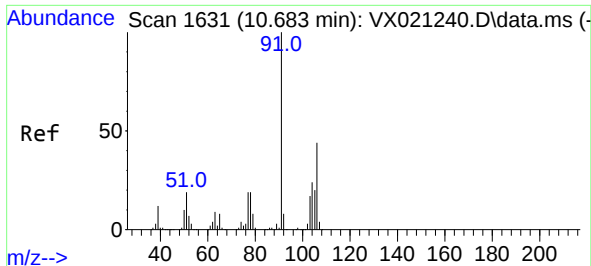


#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion:106 Resp: 869

Ion	Ratio	Lower	Upper
106	100		
91	260.9	162.8	244.2#

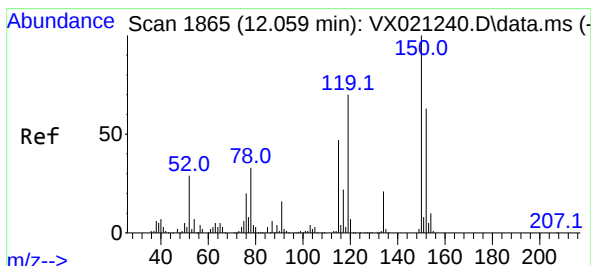
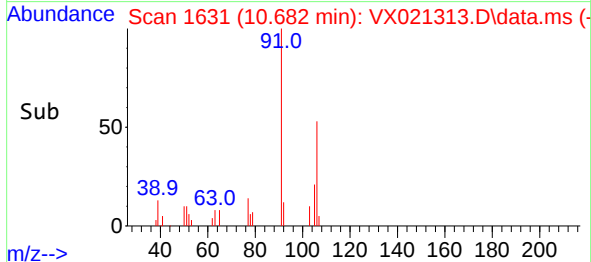
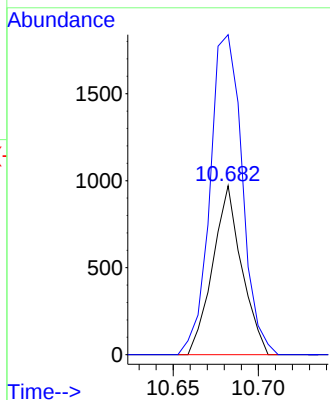
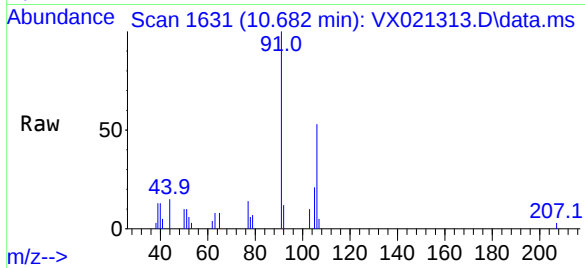




#69
o-Xylene
Concen: 0.79 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

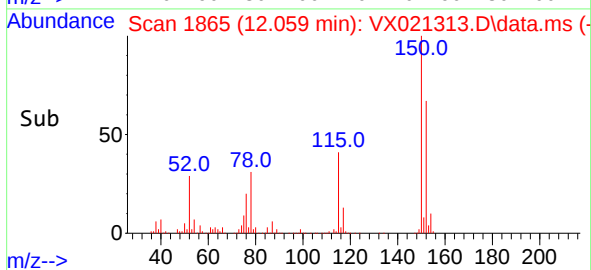
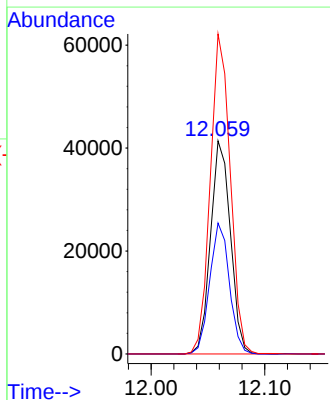
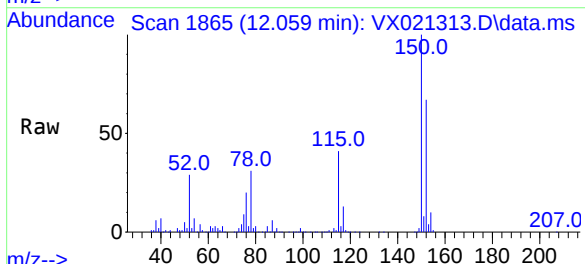
Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

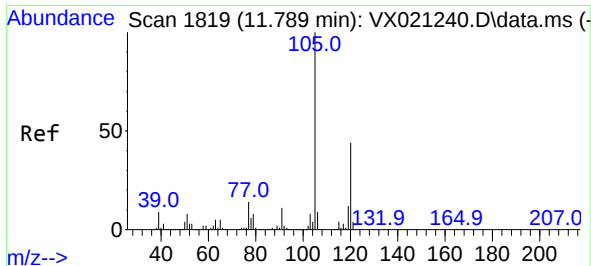
Tgt Ion:106 Resp: 1150
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion:152 Resp: 50343
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 150.9 0.0 349.0

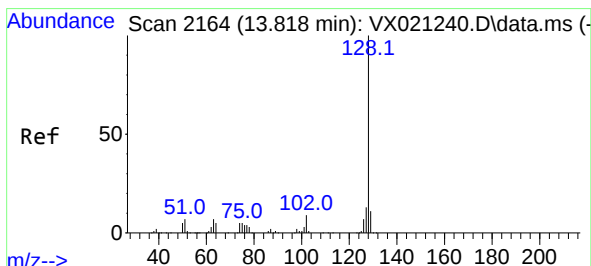
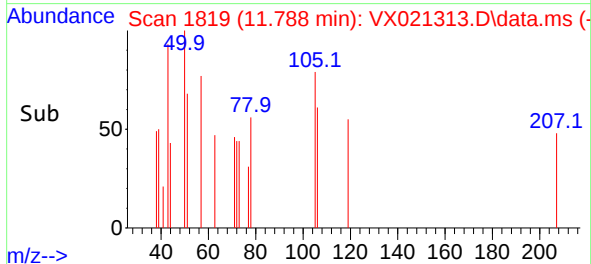
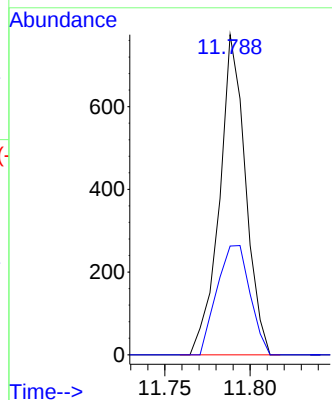
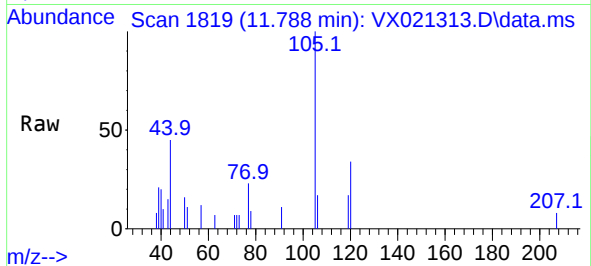




#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Instrument :
MSVOA_X
ClientSampleId :
AUD-1033-1042

Tgt Ion:105 Resp: 824
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.3



#95
Naphthalene
Concen: 0.95 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021313.D
Acq: 19 Mar 2021 19:33

Tgt Ion:128 Resp: 3378
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.8 13.2

