

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068625.D
 Acq On : 23 Sep 2021 17:26
 Operator : JC/MD
 Sample : M3826-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1188-AUD-1189

Quant Time: Sep 23 17:51:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

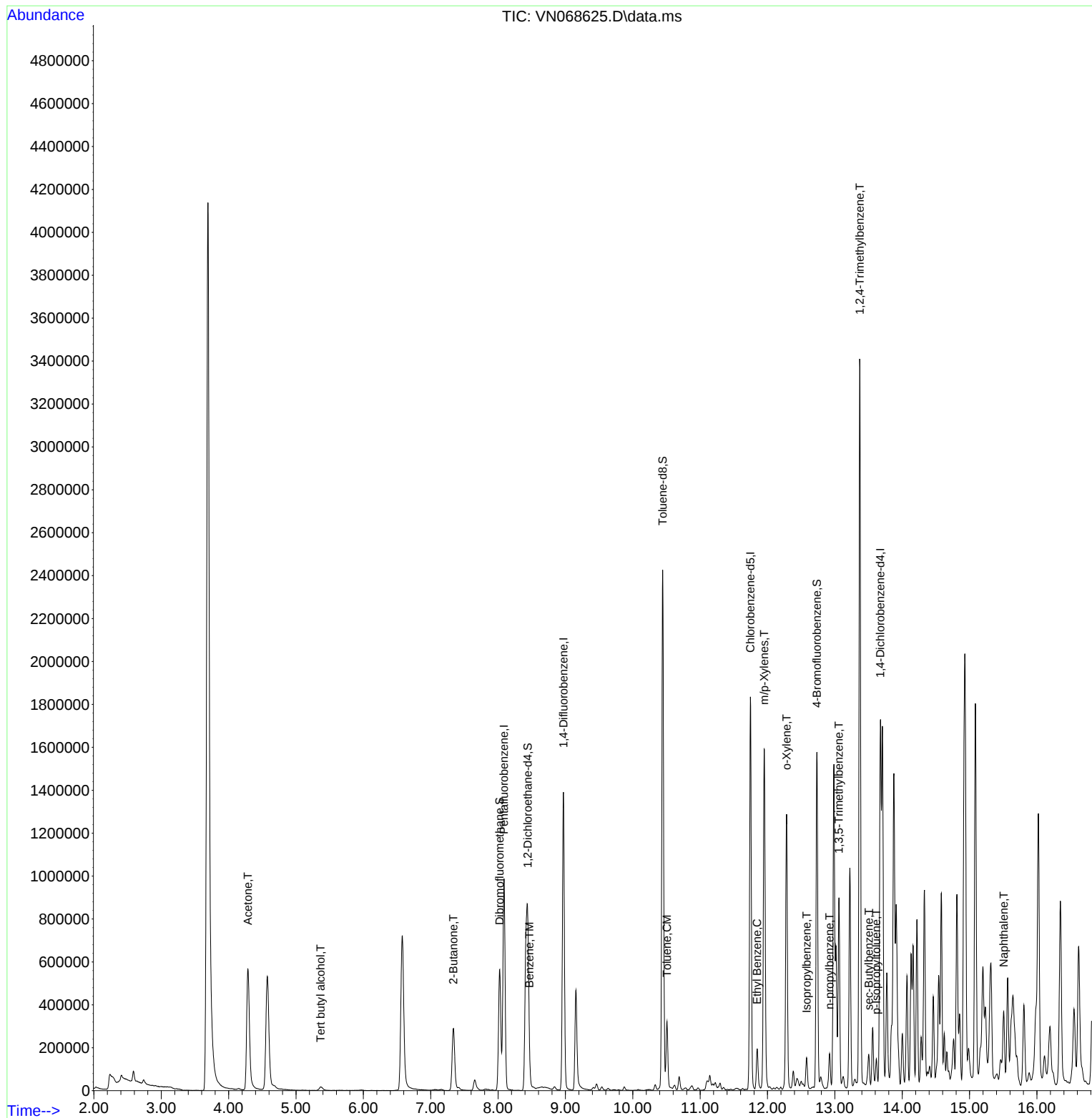
Internal Standards						
1) Pentafluorobenzene	8.088	168	711650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1154447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	999896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	431222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	594737	53.645	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.300%		
35) Dibromofluoromethane	8.024	113	407429	52.768	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 105.540%		
50) Toluene-d8	10.443	98	1619935	49.477	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.960%		
62) 4-Bromofluorobenzene	12.734	95	535250	47.801	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 95.600%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.366	59	29706	17.371	ug/l	# 82
16) Acetone	4.285	43	1095225	272.858	ug/l	97
25) 2-Butanone	7.337	43	498491	73.601	ug/l	98
40) Benzene	8.464	78	56535	1.652	ug/l	98
52) Toluene	10.508	92	127477	5.879	ug/l	98
67) Ethyl Benzene	11.846	91	127750	3.319	ug/l	98
68) m/p-Xylenes	11.950	106	473289	33.505	ug/l	90
69) o-Xylene	12.283	106	340208	24.515	ug/l	92
73) Isopropylbenzene	12.581	105	72528	1.876	ug/l	99
78) n-propylbenzene	12.921	91	121614	2.770	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	449151	14.792	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	1882097	63.580	ug/l	94
85) sec-Butylbenzene	13.503	105	98331	2.621	ug/l	87
86) p-Isopropyltoluene	13.616	119	70066	2.332	ug/l	95
95) Naphthalene	15.507	128	276768	14.500	ug/l	98

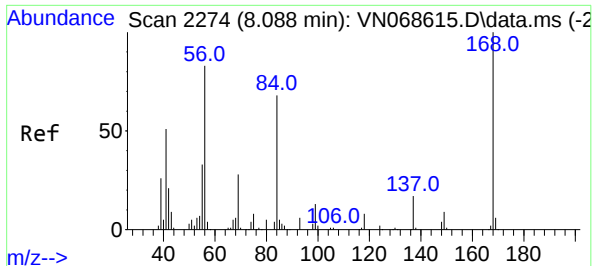
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
Data File : VN068625.D
Acq On : 23 Sep 2021 17:26
Operator : JC/MD
Sample : M3826-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

Quant Time: Sep 23 17:51:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

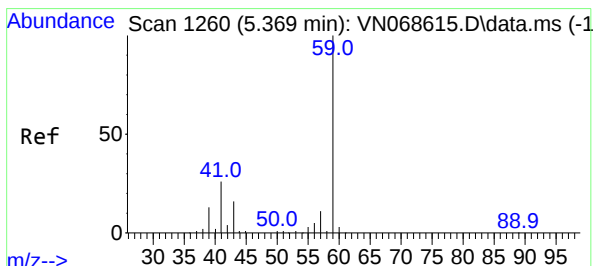
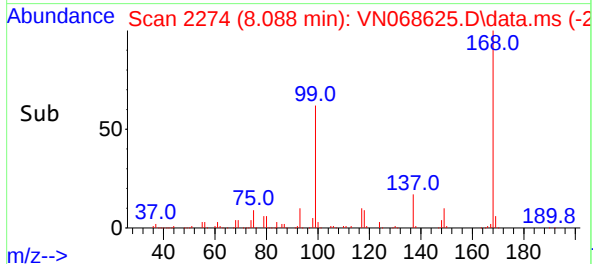
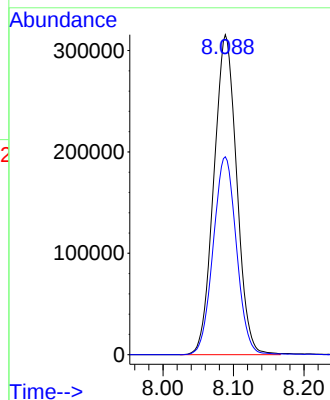
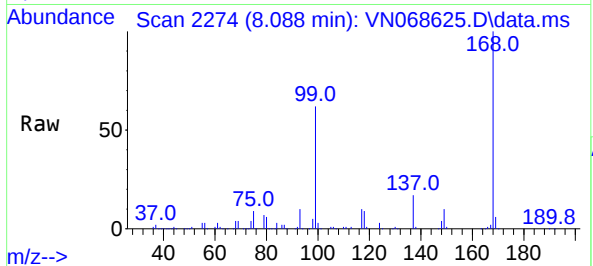




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

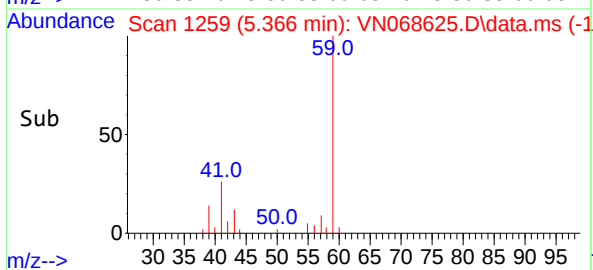
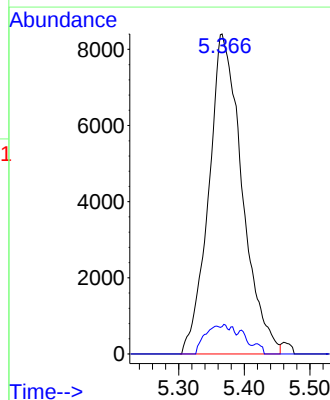
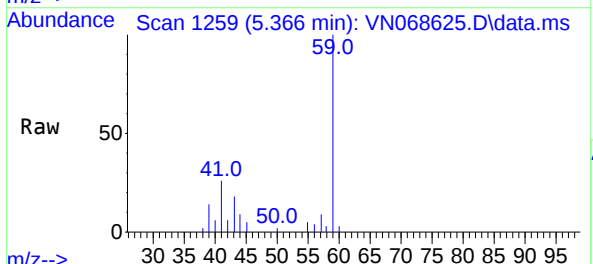
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

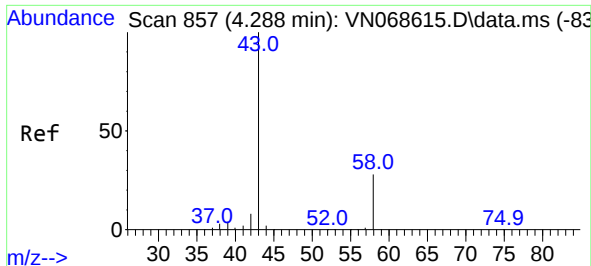
Tgt Ion:168 Resp: 711650
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#11
Tert butyl alcohol
Concen: 17.371 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 59 Resp: 29706
Ion Ratio Lower Upper
59 100
57 4.2 8.7 13.1#

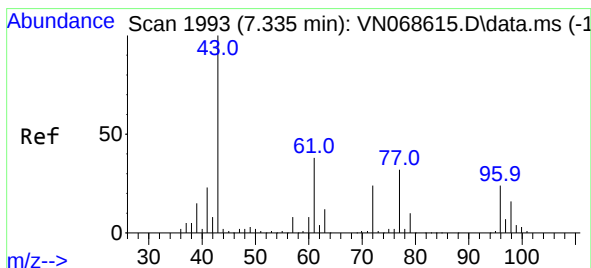
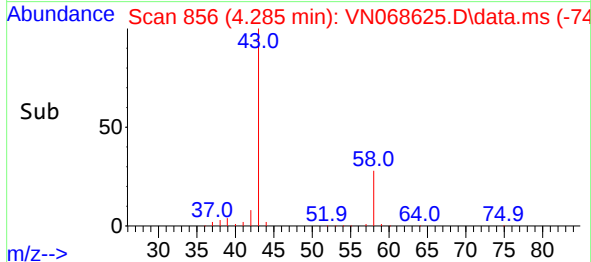
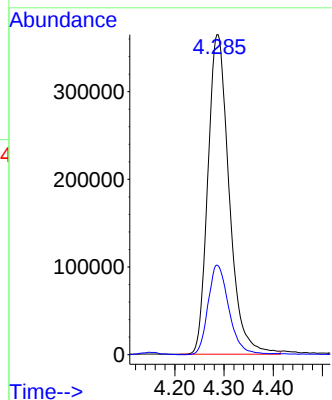
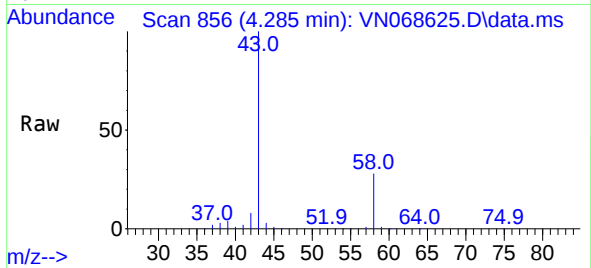




#16
Acetone
Concen: 272.858 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

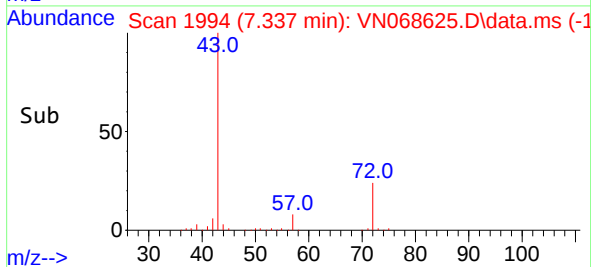
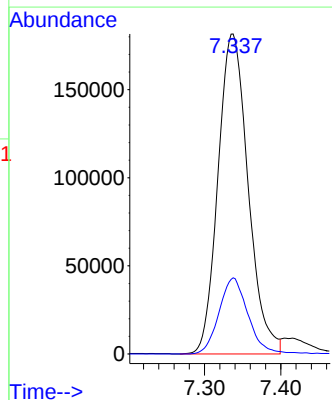
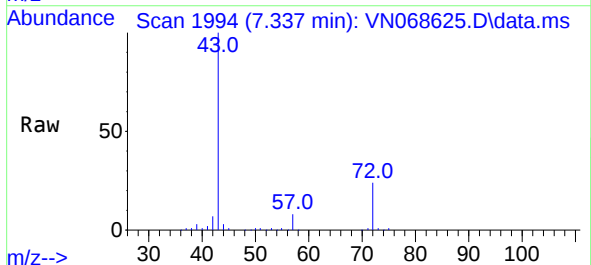
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

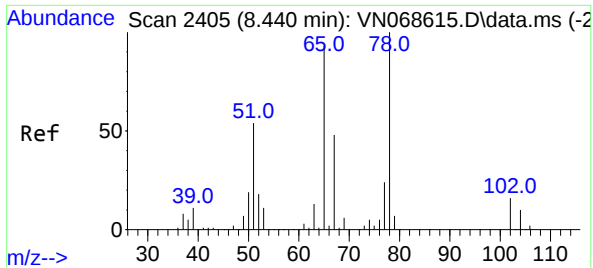
Tgt Ion: 43 Resp: 1095225
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8



#25
2-Butanone
Concen: 73.601 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 43 Resp: 498491
Ion Ratio Lower Upper
43 100
72 23.8 19.7 29.5

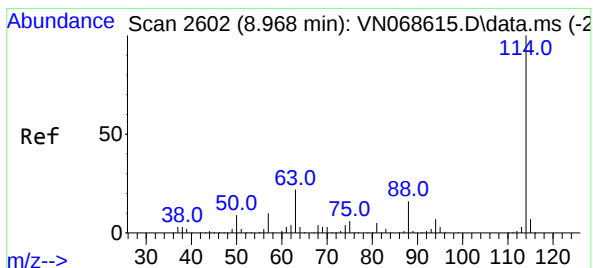
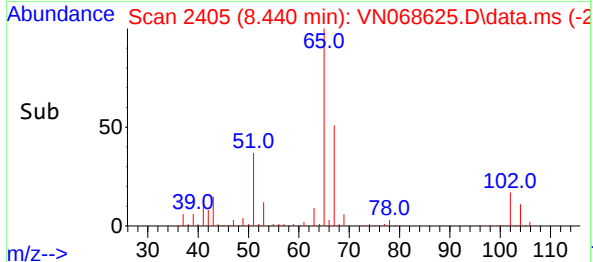
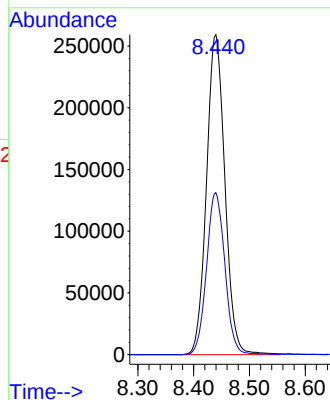
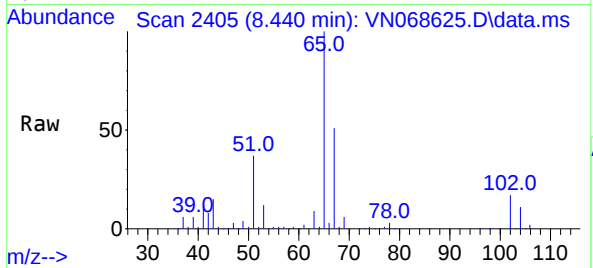




#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

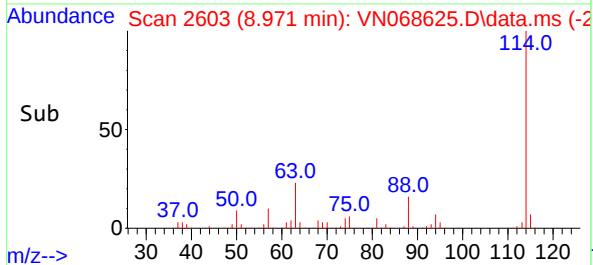
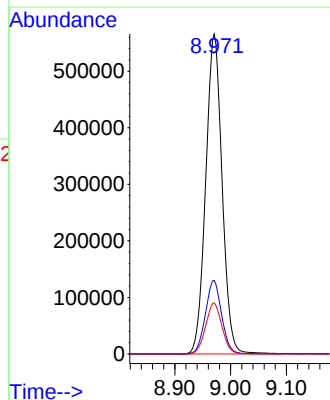
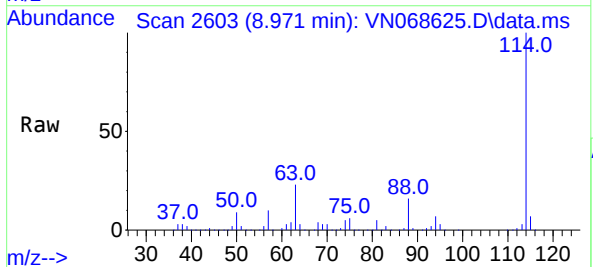
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

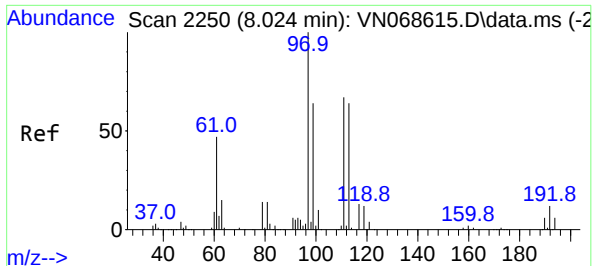
Tgt Ion: 65 Resp: 594737
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 114 Resp: 1154447
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.0
88 15.9 0.0 36.6

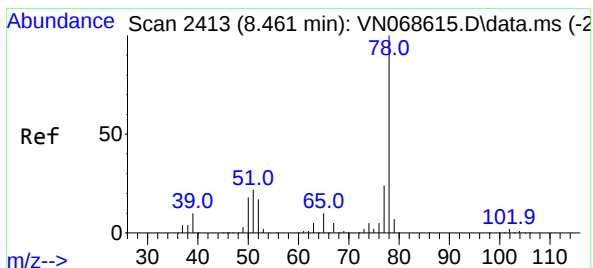
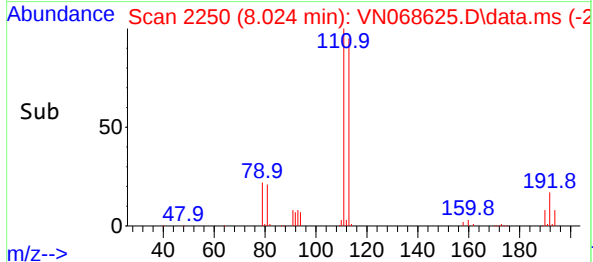
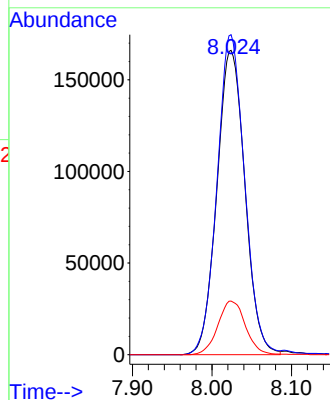
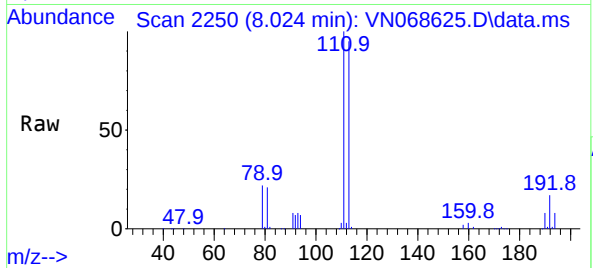




#35
Dibromofluoromethane
Concen: 52.768 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

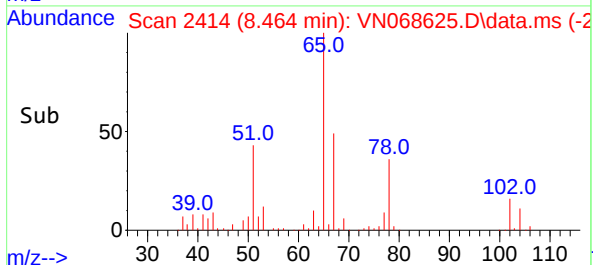
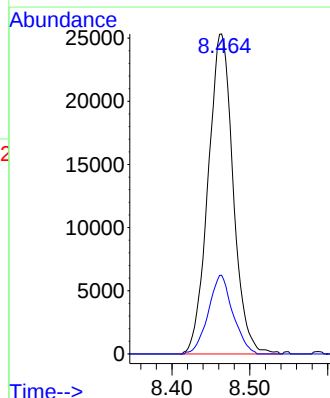
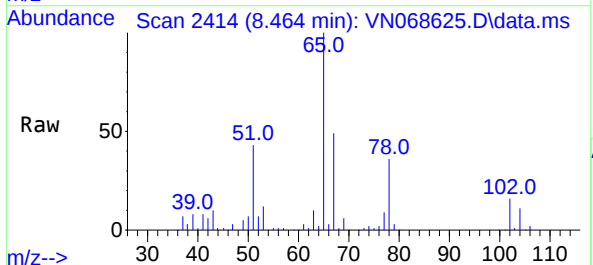
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

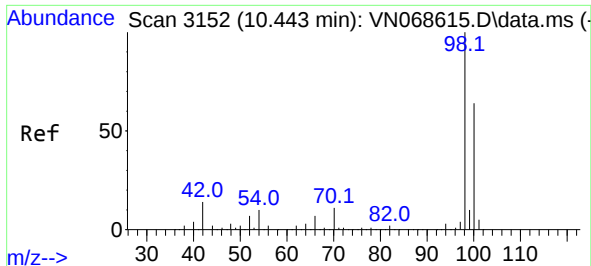
Tgt Ion:113 Resp: 407429
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 17.4 13.4 20.0



#40
Benzene
Concen: 1.652 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 78 Resp: 56535
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3

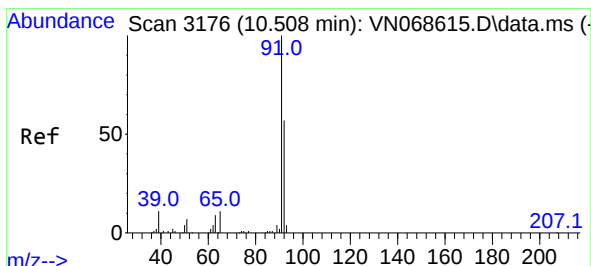
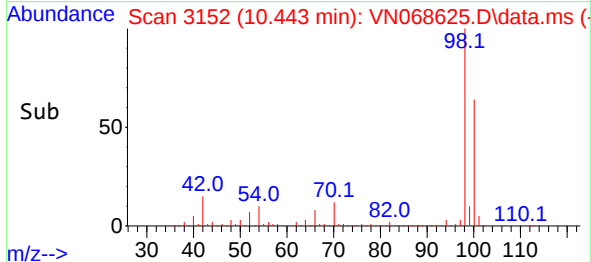
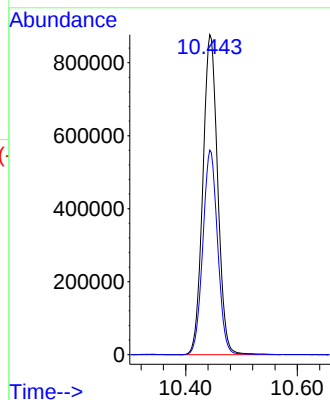
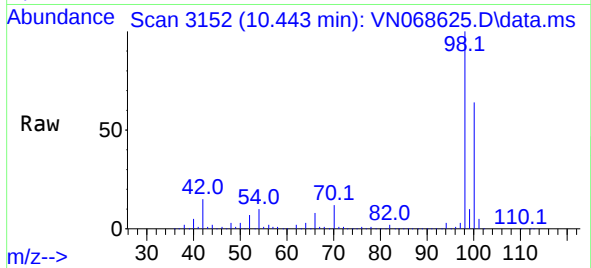




#50
Toluene-d8
Concen: 49.477 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

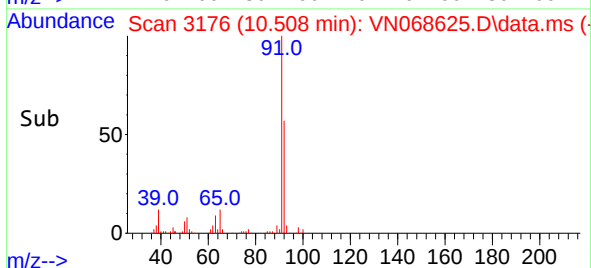
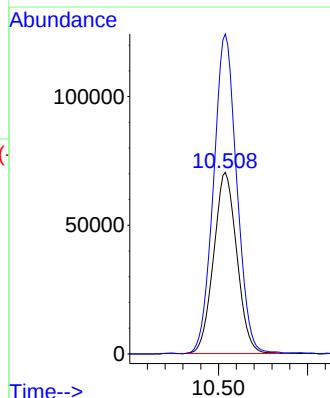
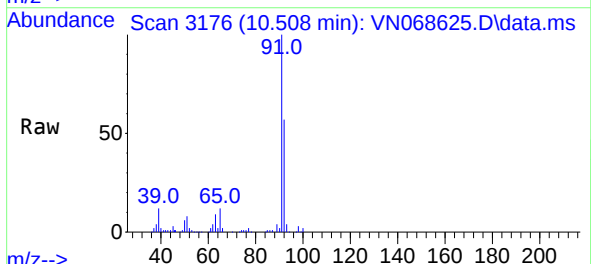
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

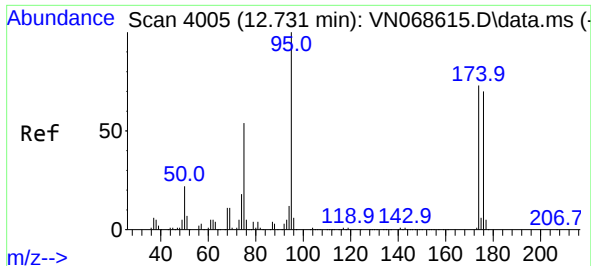
Tgt Ion: 98 Resp: 1619935
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#52
Toluene
Concen: 5.879 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 92 Resp: 127477
Ion Ratio Lower Upper
92 100
91 177.7 139.6 209.4

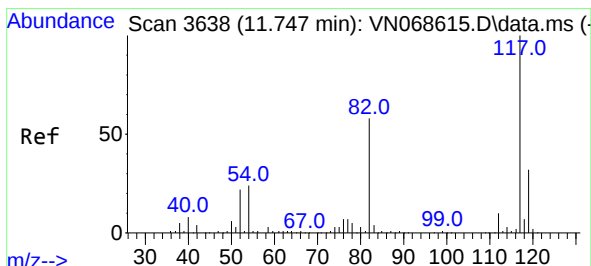
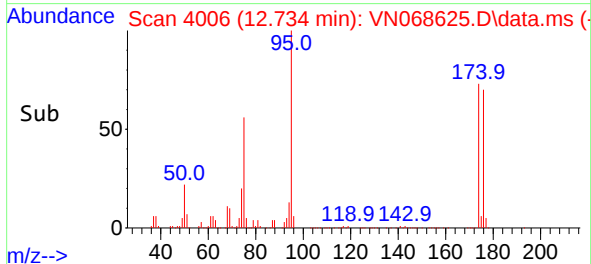
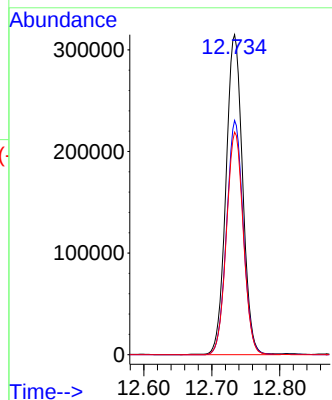
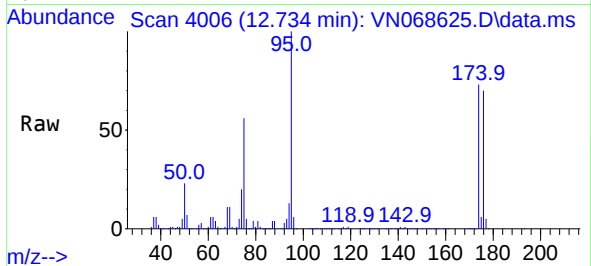




#62
4-Bromofluorobenzene
Concen: 47.801 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

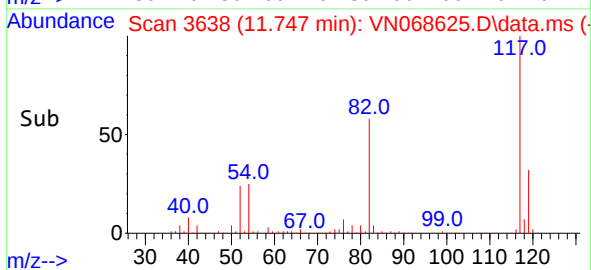
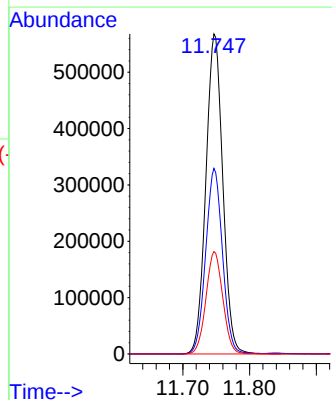
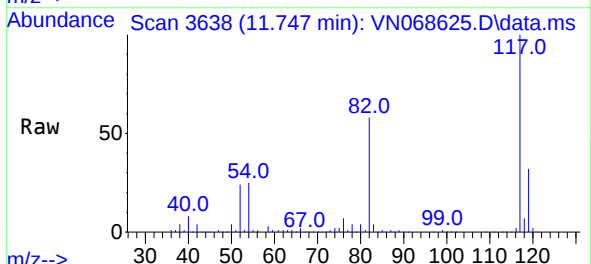
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

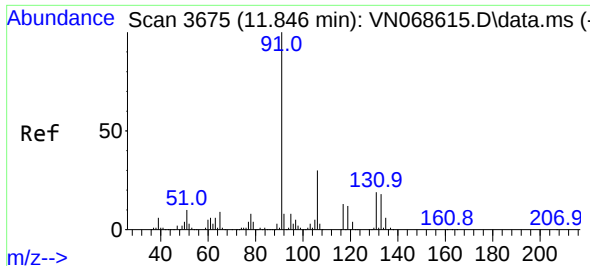
Tgt Ion: 95 Resp: 535250
Ion Ratio Lower Upper
95 100
174 73.1 0.0 122.0
176 70.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 117 Resp: 999896
Ion Ratio Lower Upper
117 100
82 58.0 53.1 79.7
119 32.0 25.5 38.3

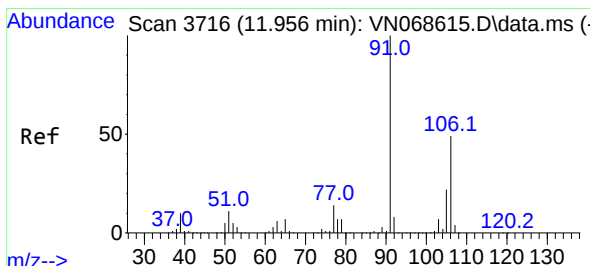
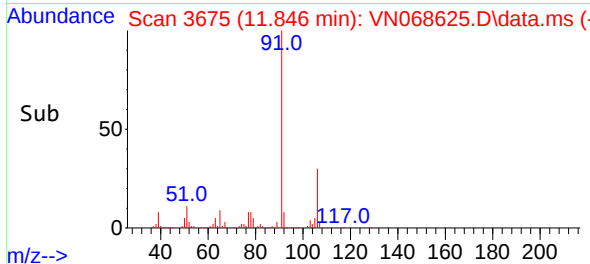
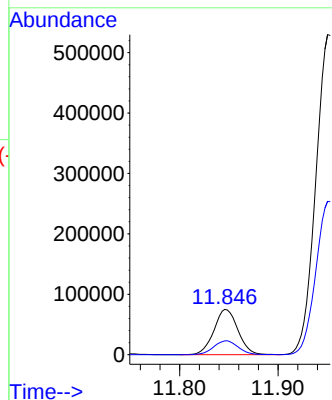
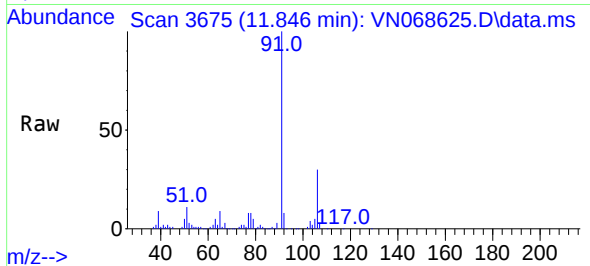




#67
Ethyl Benzene
Concen: 3.319 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

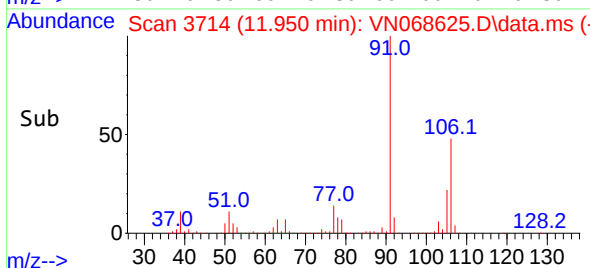
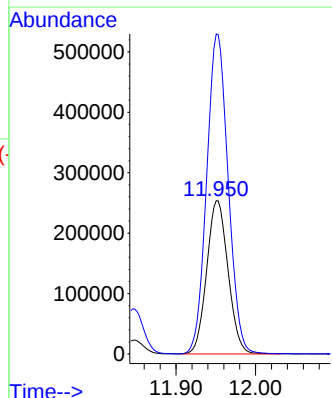
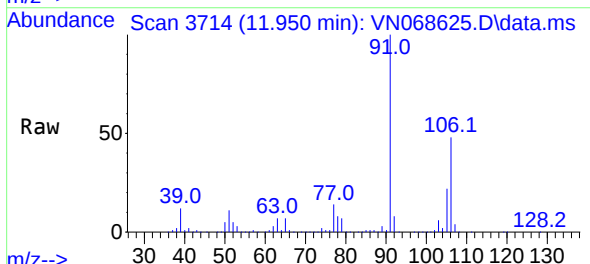
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

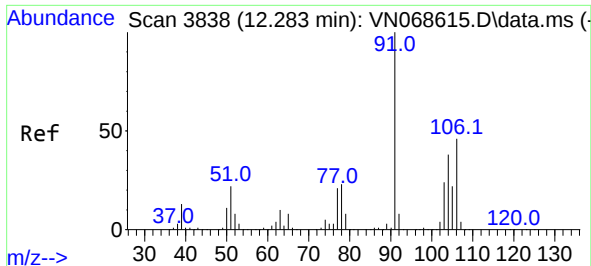
Tgt Ion: 91 Resp: 127750
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.0



#68
m/p-Xylenes
Concen: 33.505 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion:106 Resp: 473289
Ion Ratio Lower Upper
106 100
91 209.7 180.6 270.8

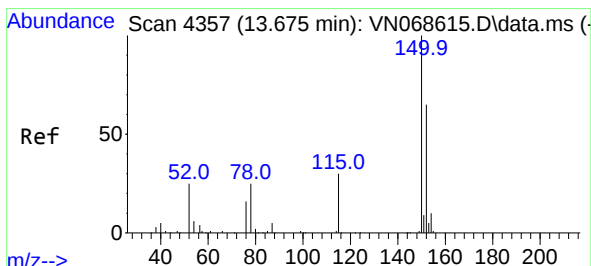
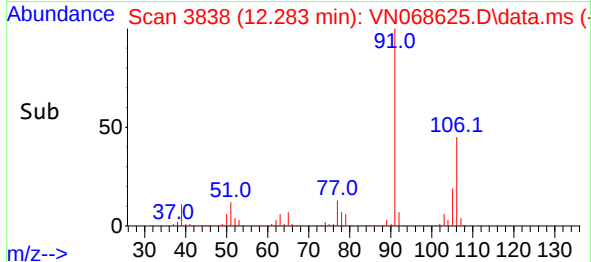
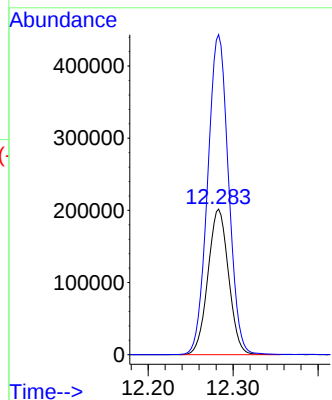
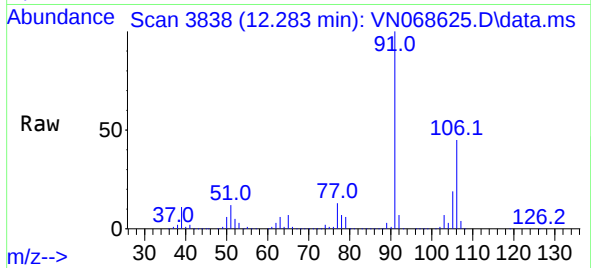




#69
o-Xylene
Concen: 24.515 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

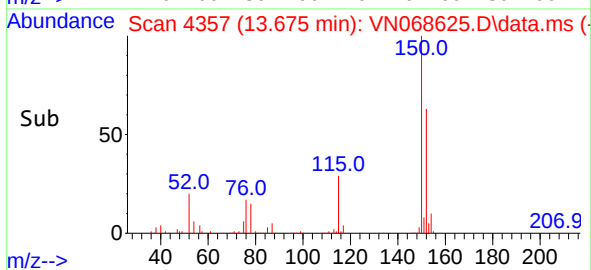
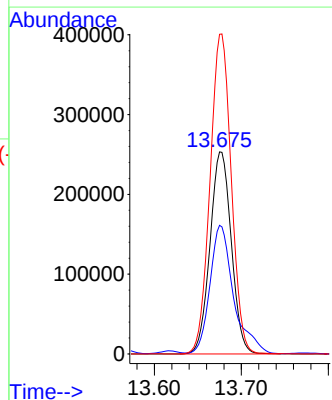
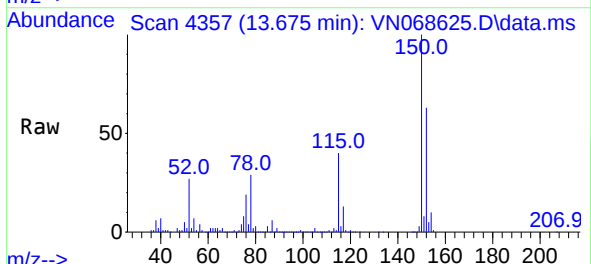
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

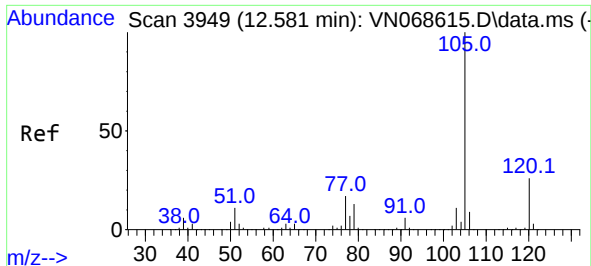
Tgt Ion:106 Resp: 340208
Ion Ratio Lower Upper
106 100
91 223.0 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion:152 Resp: 431222
Ion Ratio Lower Upper
152 100
115 70.5 36.1 108.5
150 157.6 0.0 351.8

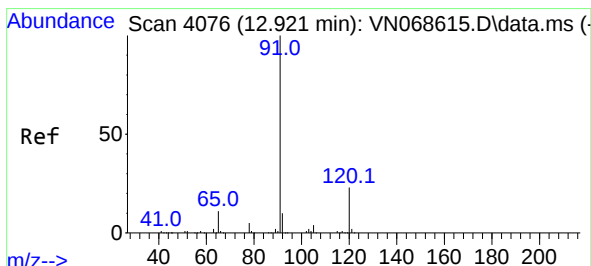
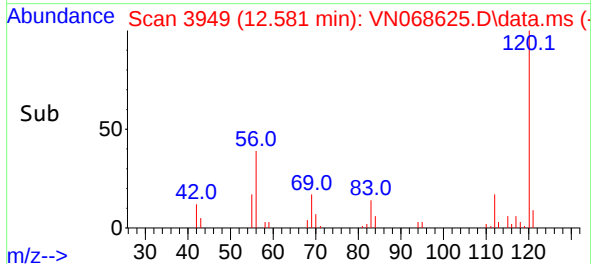
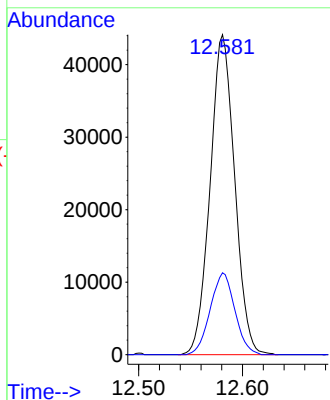
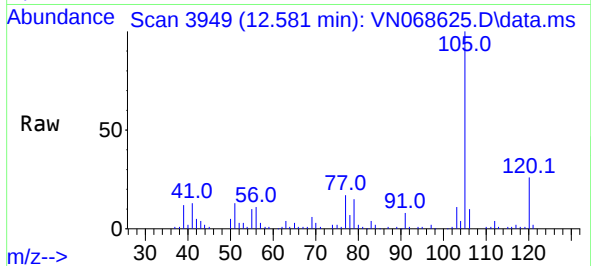




#73
Isopropylbenzene
Concen: 1.876 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

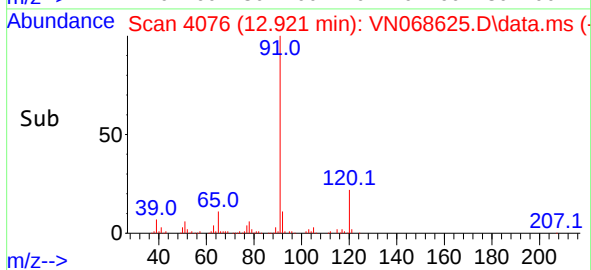
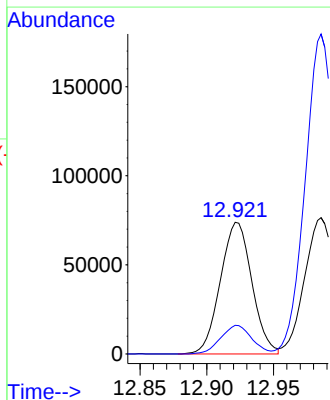
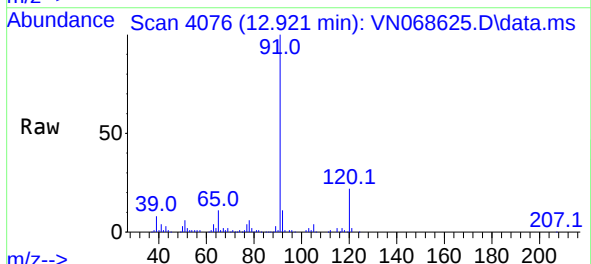
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

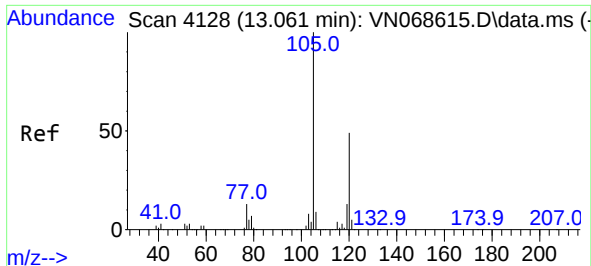
Tgt Ion:105 Resp: 72528
Ion Ratio Lower Upper
105 100
120 25.7 12.5 37.5



#78
n-propylbenzene
Concen: 2.770 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion: 91 Resp: 121614
Ion Ratio Lower Upper
91 100
120 21.4 10.4 31.4

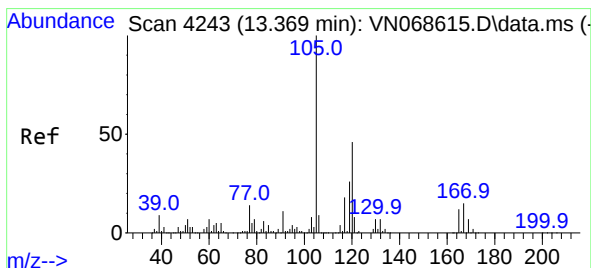
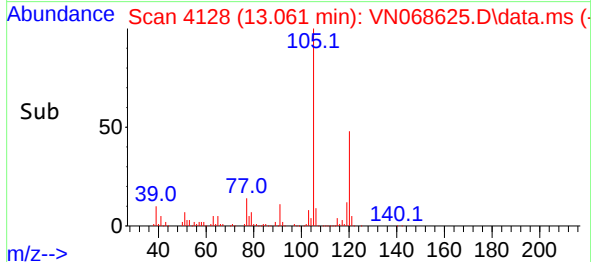
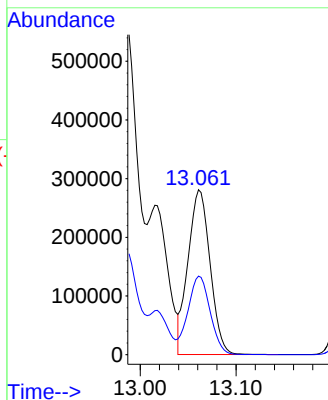
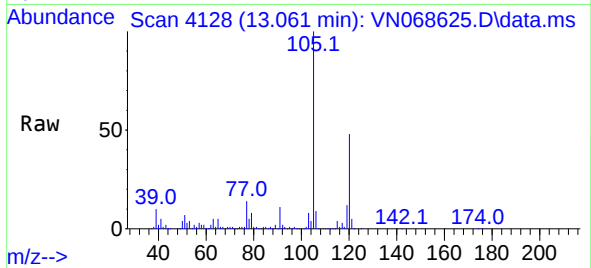




#80
1,3,5-Trimethylbenzene
Concen: 14.792 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

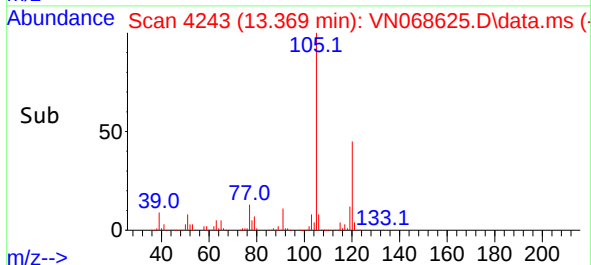
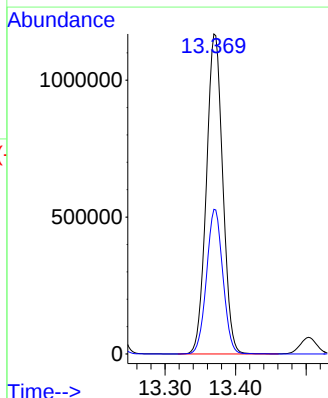
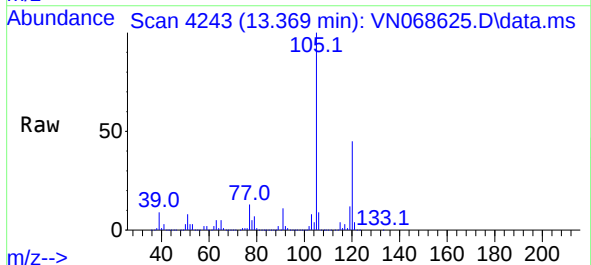
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

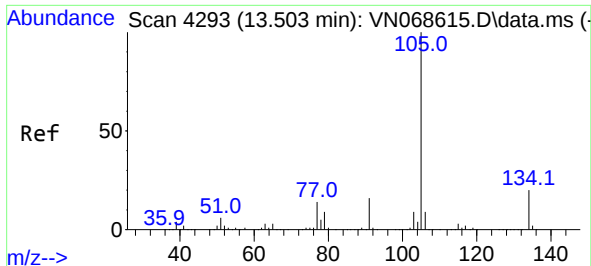
Tgt Ion:105 Resp: 449151
Ion Ratio Lower Upper
105 100
120 48.3 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 63.580 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Tgt Ion:105 Resp: 1882097
Ion Ratio Lower Upper
105 100
120 45.1 20.6 61.8

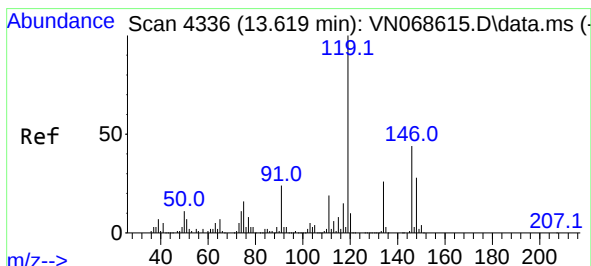
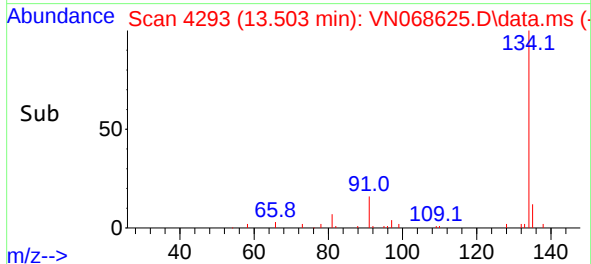
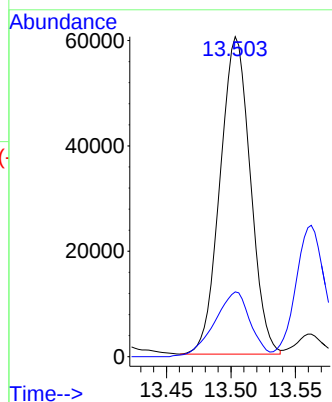
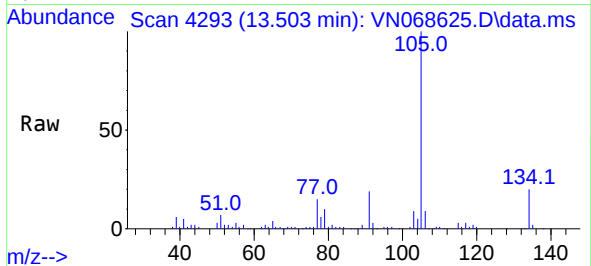




#85
sec-Butylbenzene
Concen: 2.621 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

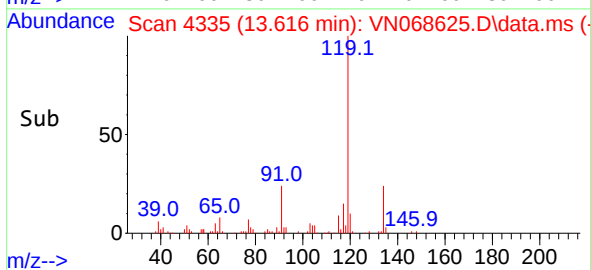
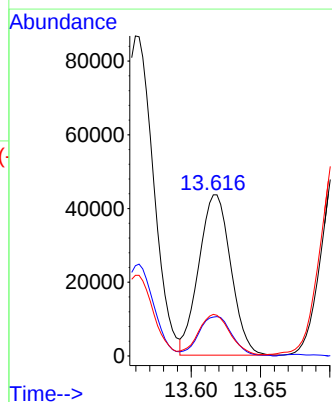
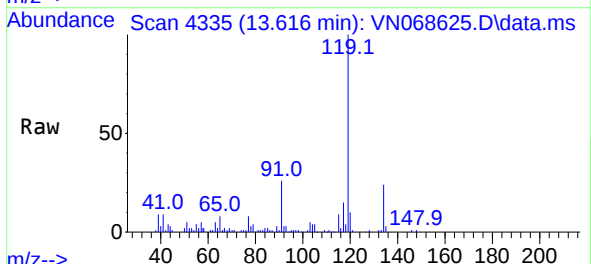
Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189

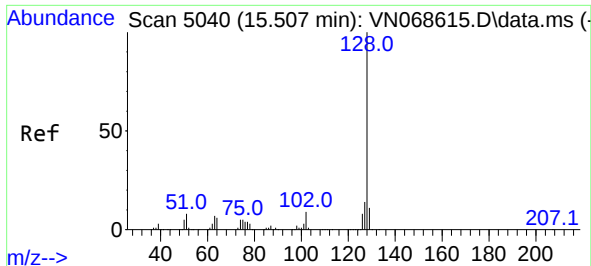
Tgt Ion:105 Resp: 98331
Ion Ratio Lower Upper
105 100
134 24.1 9.0 27.1



#86
p-Isopropyltoluene
Concen: 2.332 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

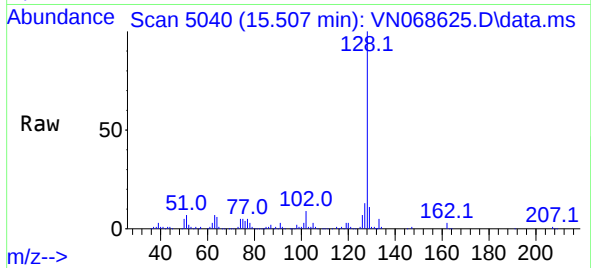
Tgt Ion:119 Resp: 70066
Ion Ratio Lower Upper
119 100
134 25.4 12.4 37.4
91 24.6 14.8 44.3





#95
Naphthalene
Concen: 14.500 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068625.D
Acq: 23 Sep 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
AUD-1188-AUD-1189



Tgt Ion:128 Resp: 276768
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 12.5 8.6 12.8

