

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069547.D
 Acq On : 18 Nov 2021 12:43
 Operator : JC/MD
 Sample : M4730-03 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33520-21

Quant Time: Nov 19 03:17:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

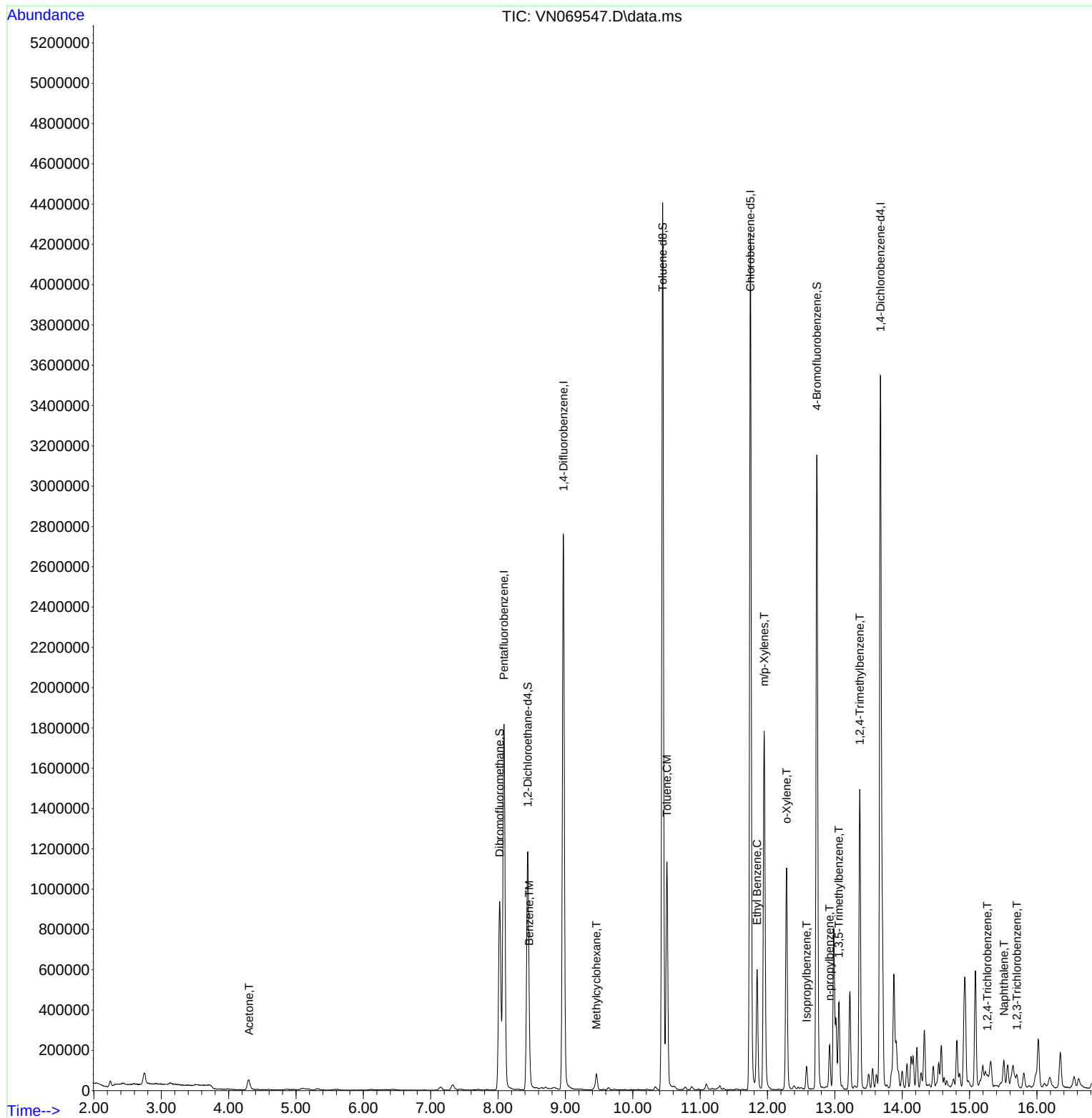
Internal Standards						
1) Pentafluorobenzene	8.088	168	1344676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2353885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2350217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	937518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	983026	50.419	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.840%	
35) Dibromofluoromethane	8.024	113	684217	48.466	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.940%	
50) Toluene-d8	10.443	98	2986003	53.778	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.734	95	1091899	53.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	96204	9.145	ug/l	95
39) Methylcyclohexane	9.459	83	29290	1.189	ug/l #	82
40) Benzene	8.461	78	69817	1.142	ug/l	97
52) Toluene	10.508	92	466772	12.256	ug/l	100
67) Ethyl Benzene	11.846	91	424135	5.257	ug/l	98
68) m/p-Xylenes	11.950	106	547135	18.439	ug/l	94
69) o-Xylene	12.283	106	293228	9.912	ug/l	91
73) Isopropylbenzene	12.581	105	74758	1.001	ug/l	99
78) n-propylbenzene	12.921	91	168980	2.012	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	230252	3.816	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	854614	14.670	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	12711	3.921	ug/l #	91
95) Naphthalene	15.509	128	118771m	7.051	ug/l	
96) 1,2,3-Trichlorobenzene	15.703	180	16469	4.263	ug/l #	87

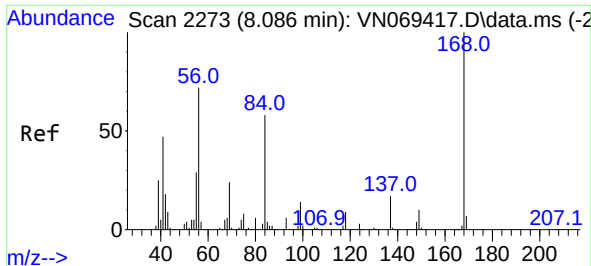
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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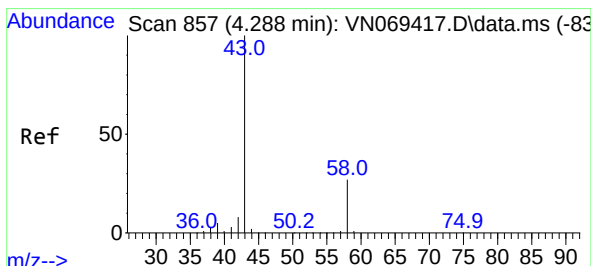
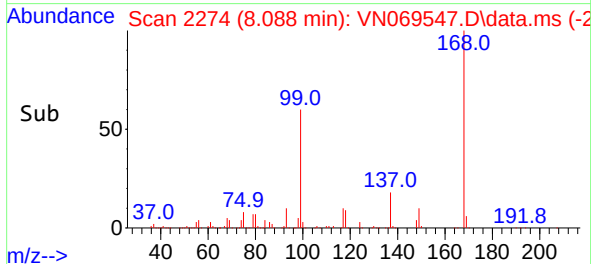
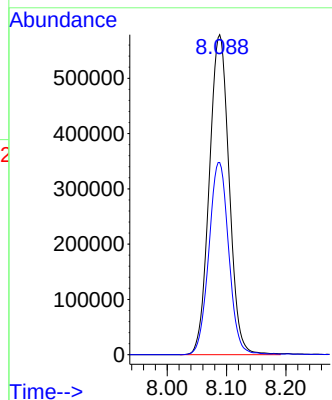
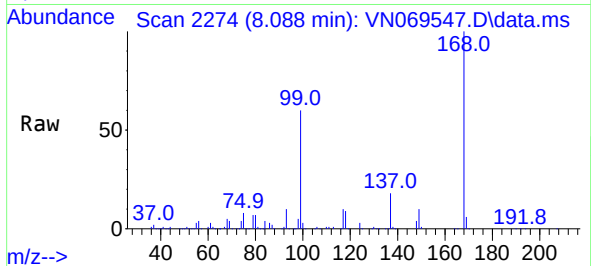




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

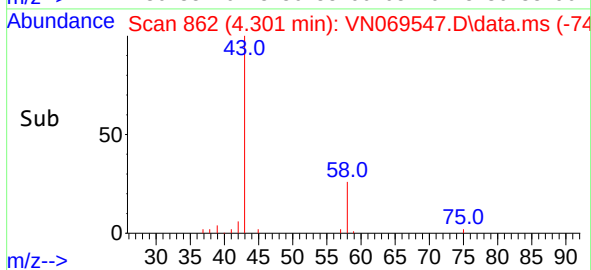
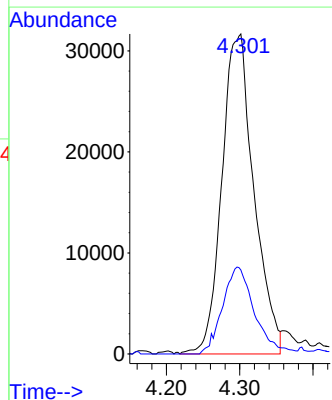
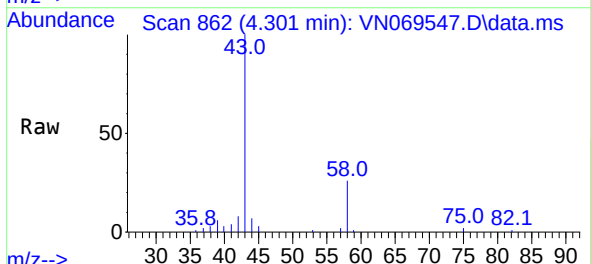
Instrument :
MSVOA_N
ClientSampleId :
33520-21

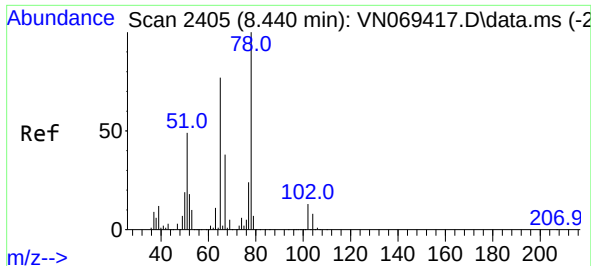
Tgt Ion:168 Resp: 1344676
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#16
Acetone
Concen: 9.145 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 43 Resp: 96204
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.419 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069547.D

Acq: 18 Nov 2021 12:43

Instrument :

MSVOA_N

ClientSampleId :

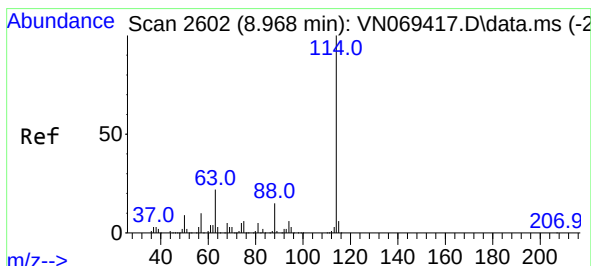
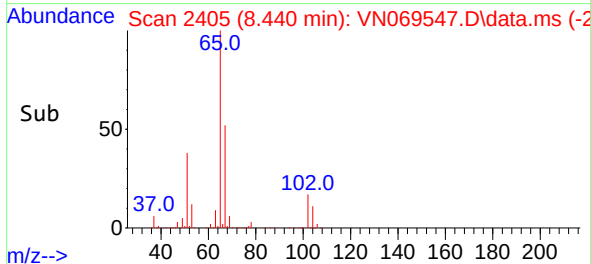
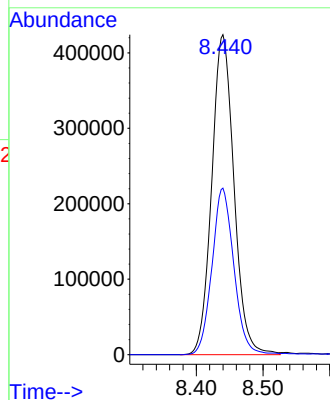
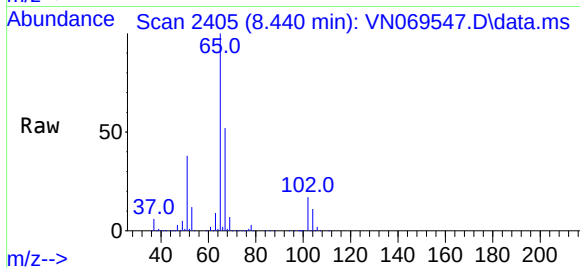
33520-21

Tgt Ion: 65 Resp: 983026

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069547.D

Acq: 18 Nov 2021 12:43

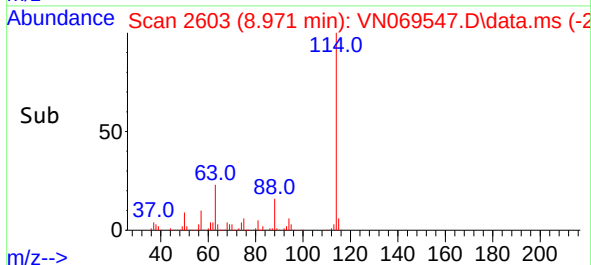
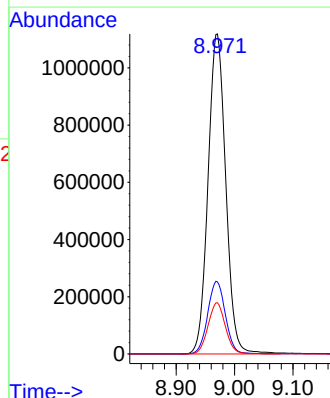
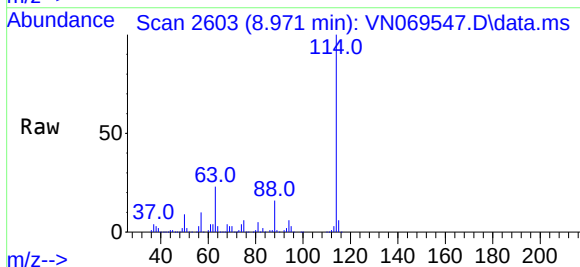
Tgt Ion: 114 Resp: 2353885

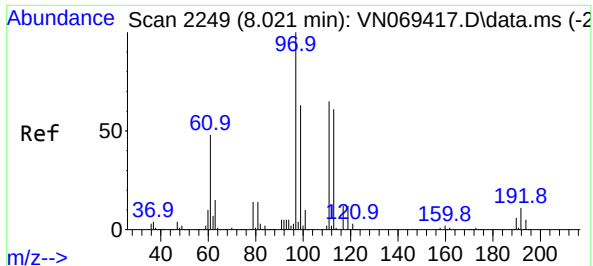
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

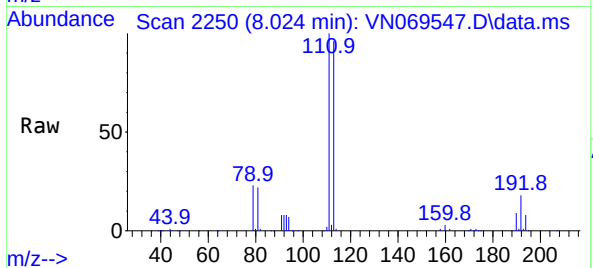
88 16.0 0.0 27.4





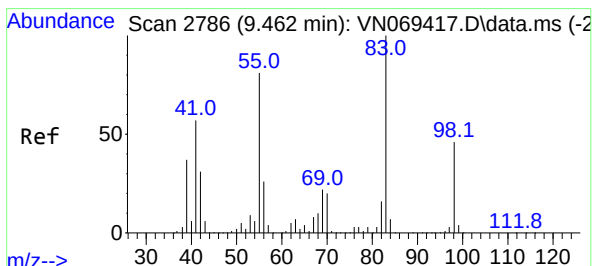
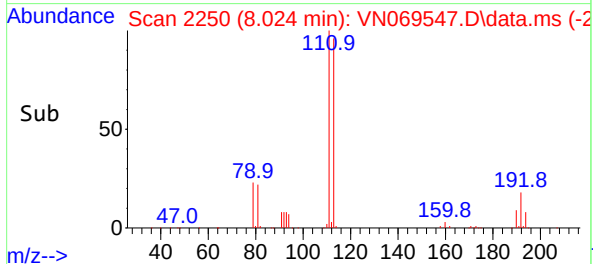
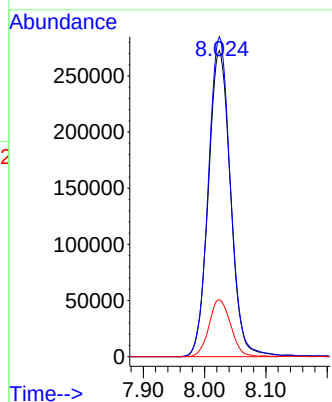
#35
 Dibromofluoromethane
 Concen: 48.466 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VN069547.D
 Acq: 18 Nov 2021 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
 33520-21



Tgt Ion:113 Resp: 684217

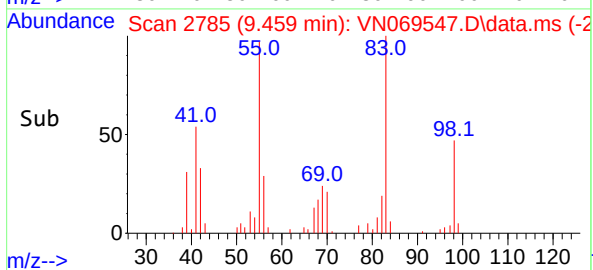
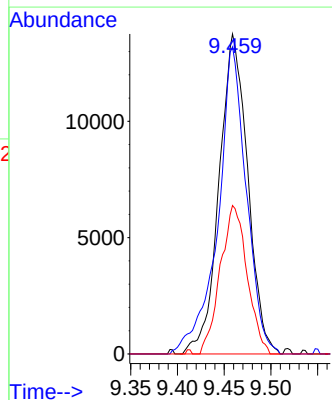
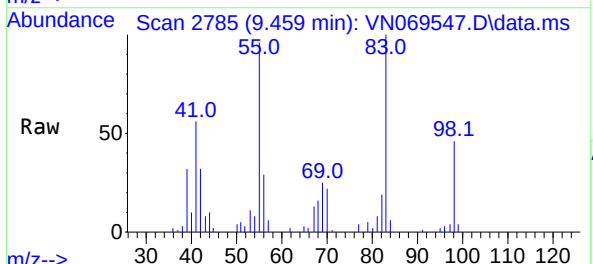
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	18.2	16.9	25.3

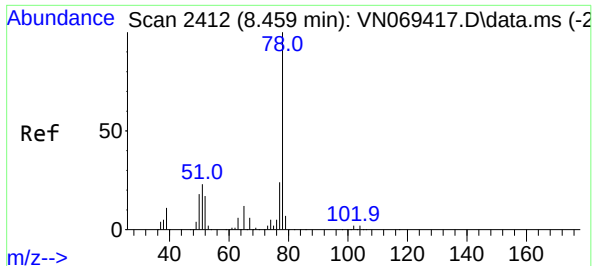


#39
 Methylcyclohexane
 Concen: 1.189 ug/l
 RT: 9.459 min Scan# 2785
 Delta R.T. -0.003 min
 Lab File: VN069547.D
 Acq: 18 Nov 2021 12:43

Tgt Ion: 83 Resp: 29290

Ion	Ratio	Lower	Upper
83	100		
55	96.0	58.1	87.1
98	46.4	38.4	57.6

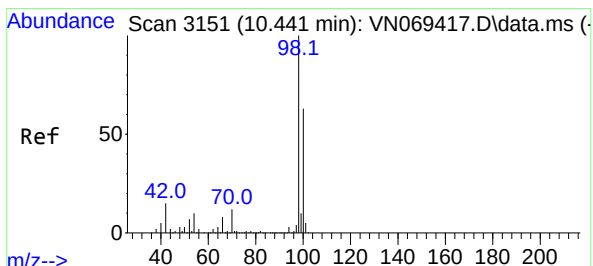
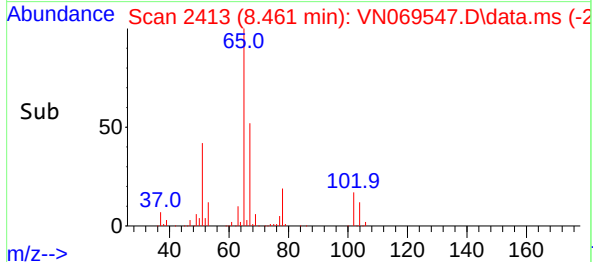
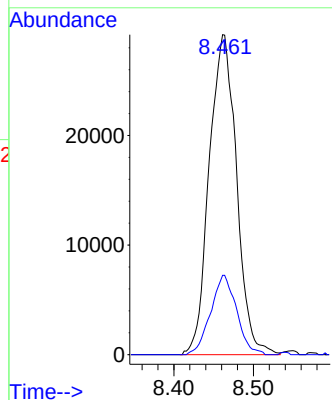
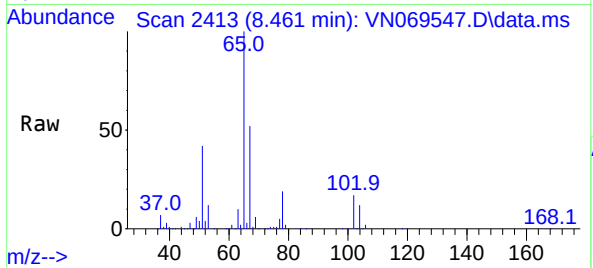




#40
Benzene
Concen: 1.142 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

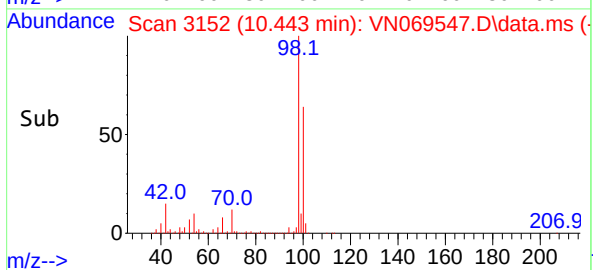
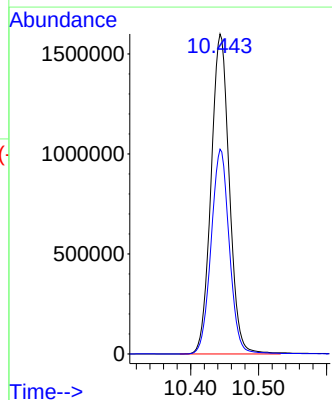
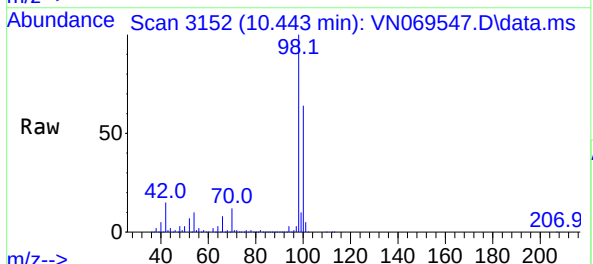
Instrument :
MSVOA_N
ClientSampleId :
33520-21

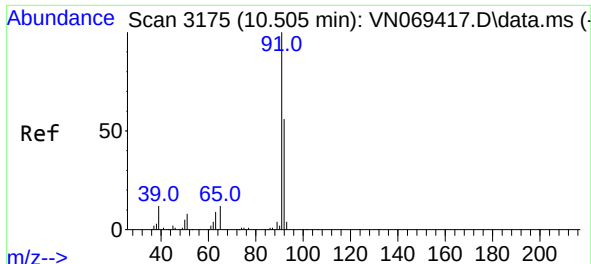
Tgt Ion: 78 Resp: 69817
Ion Ratio Lower Upper
78 100
77 24.8 18.6 27.8



#50
Toluene-d8
Concen: 53.778 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 98 Resp: 2986003
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

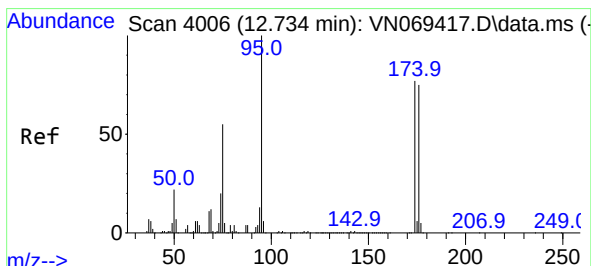
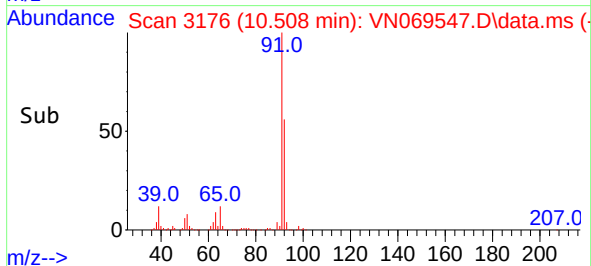
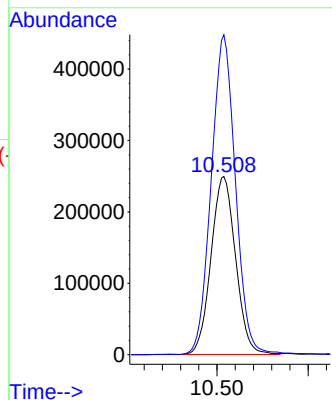
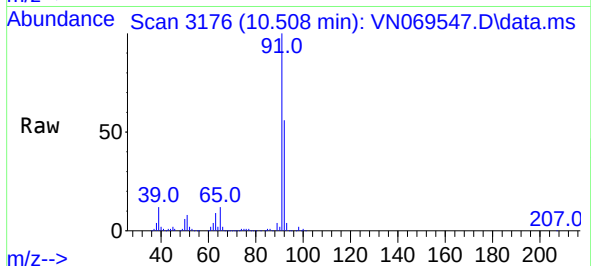




#52
Toluene
Concen: 12.256 ug/l
RT: 10.508 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

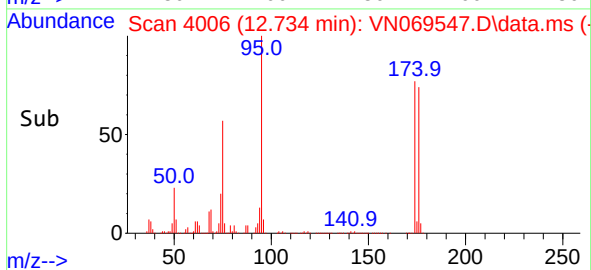
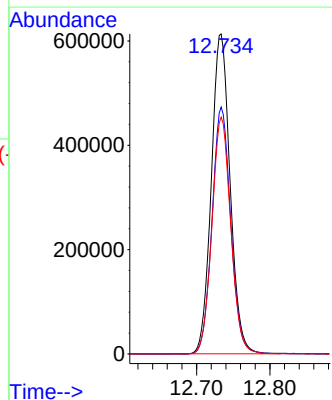
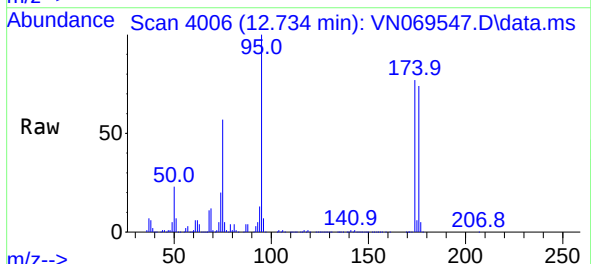
Instrument :
MSVOA_N
ClientSampleId :
33520-21

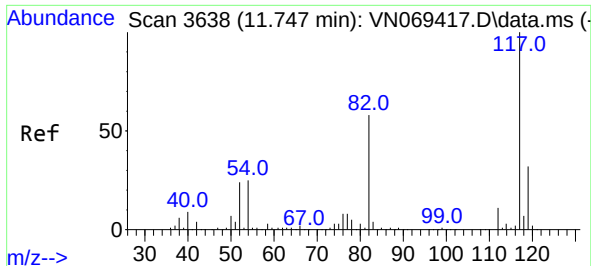
Tgt Ion: 92 Resp: 466772
Ion Ratio Lower Upper
92 100
91 177.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 53.531 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 95 Resp: 1091899
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.1 0.0 181.4

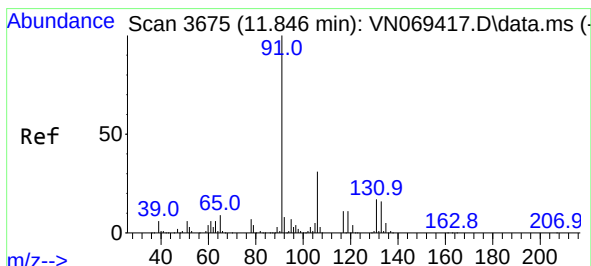
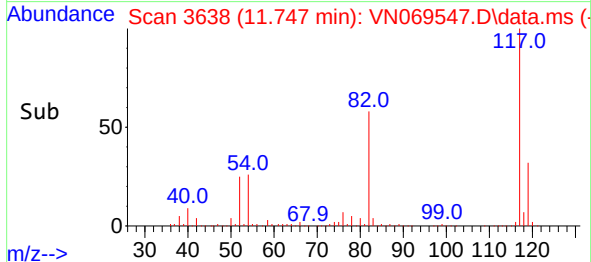
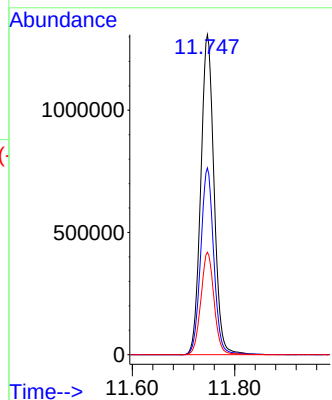
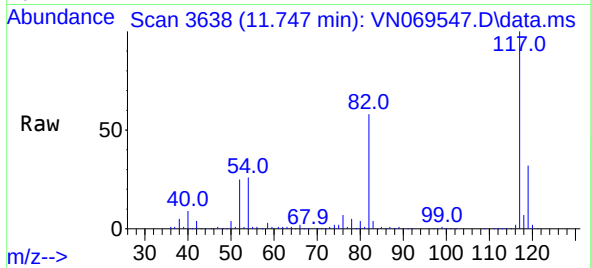




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

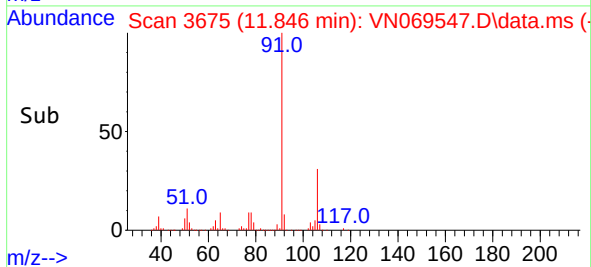
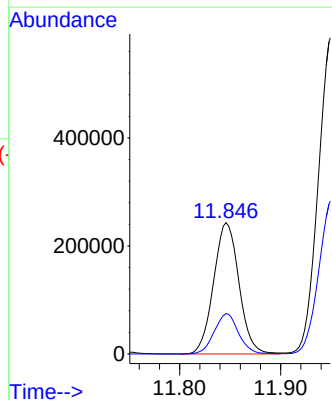
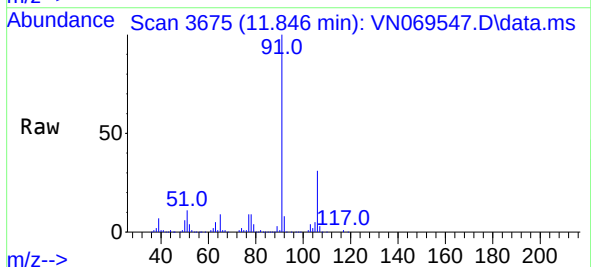
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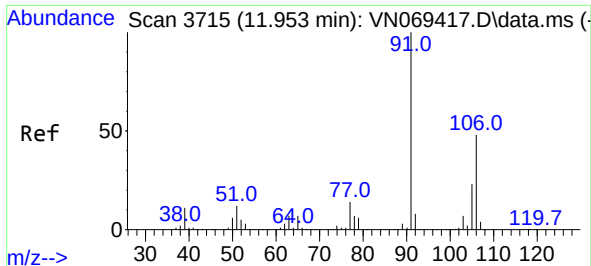
Tgt Ion:117 Resp: 2350217
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 5.257 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 91 Resp: 424135
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

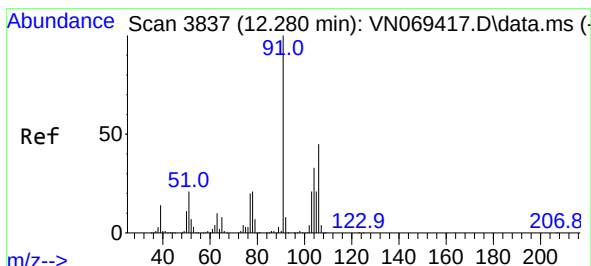
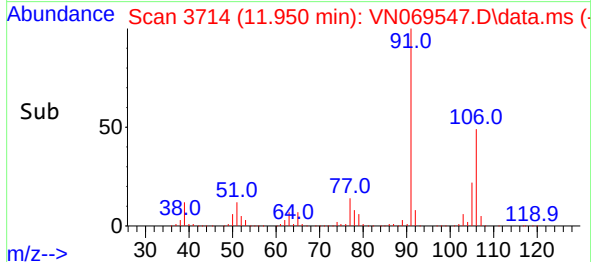
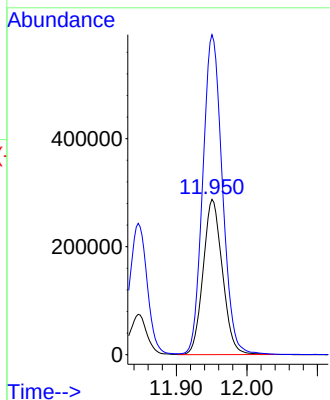
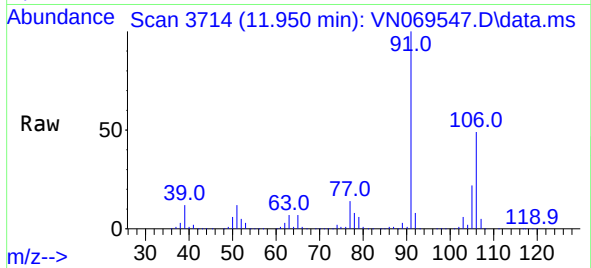




#68
m/p-Xylenes
Concen: 18.439 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

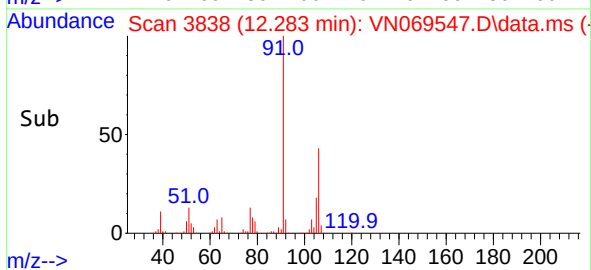
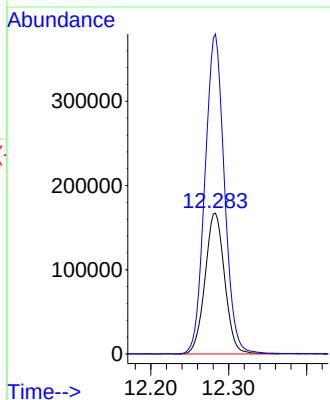
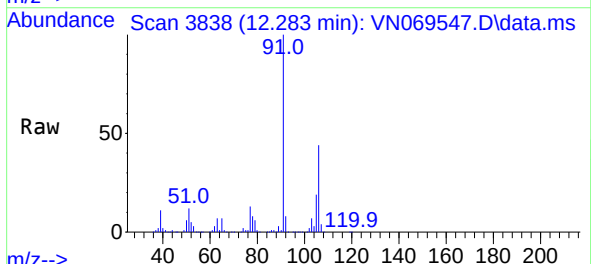
Instrument :
MSVOA_N
ClientSampleId :
33520-21

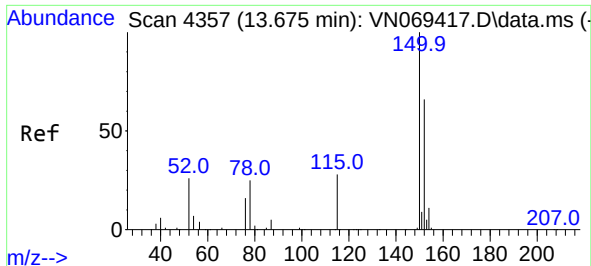
Tgt Ion:106 Resp: 547135
Ion Ratio Lower Upper
106 100
91 209.1 160.6 240.8



#69
o-Xylene
Concen: 9.912 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion:106 Resp: 293228
Ion Ratio Lower Upper
106 100
91 225.7 105.8 317.3

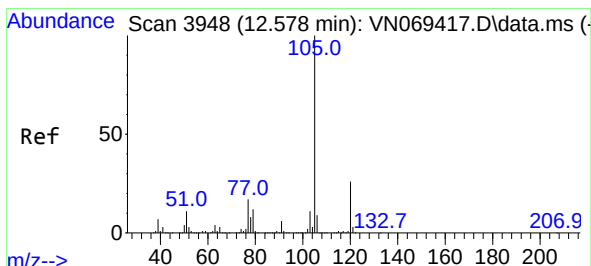
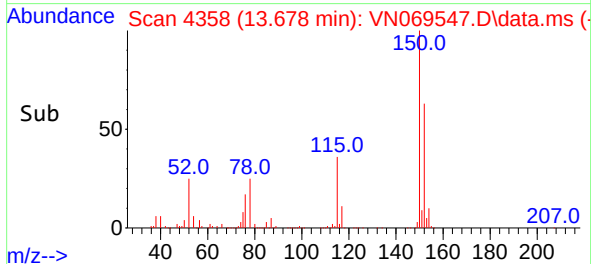
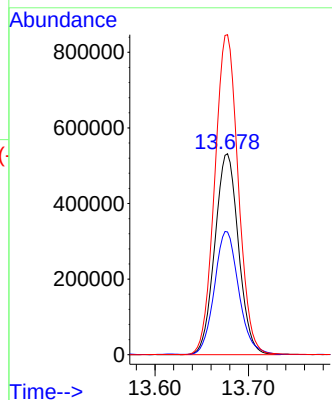
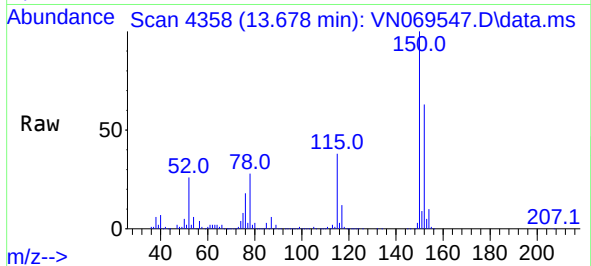




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

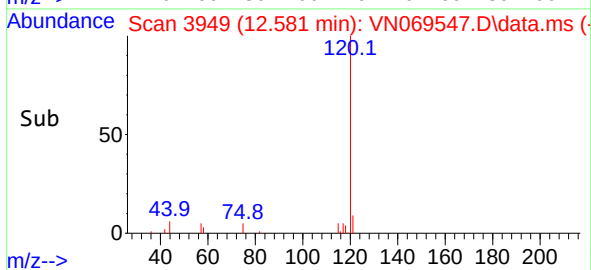
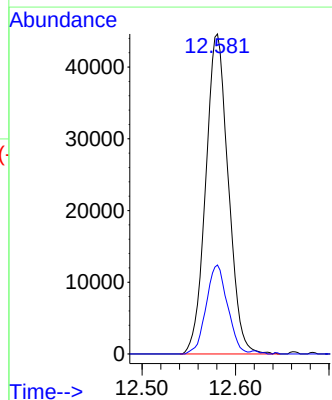
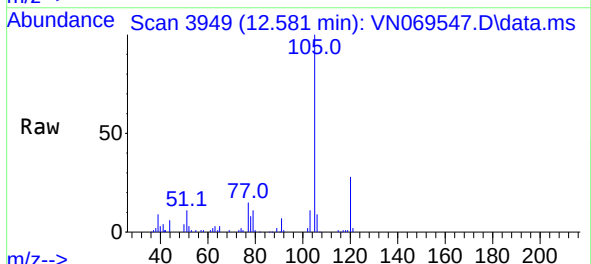
Instrument :
MSVOA_N
ClientSampleId :
33520-21

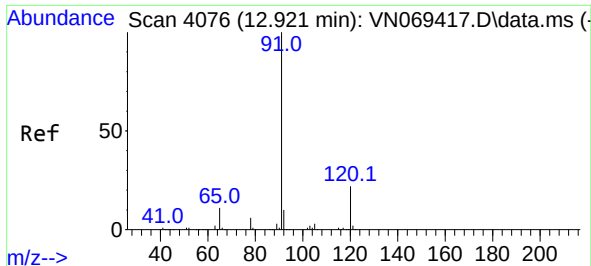
Tgt Ion:152 Resp: 937518
Ion Ratio Lower Upper
152 100
115 62.9 27.5 82.5
150 158.3 0.0 344.4



#73
Isopropylbenzene
Concen: 1.001 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion:105 Resp: 74758
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

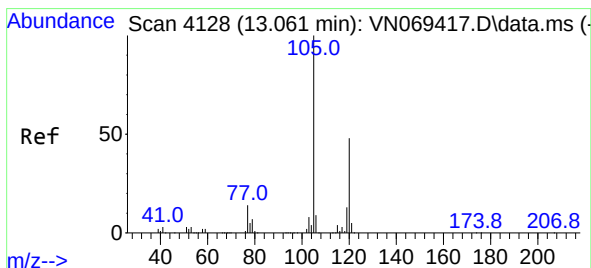
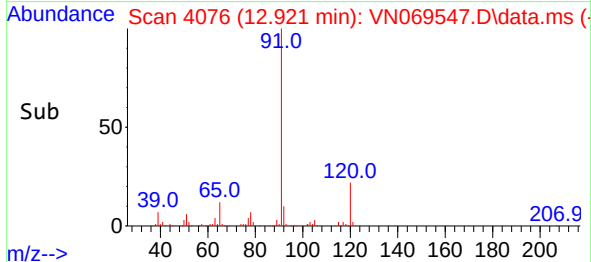
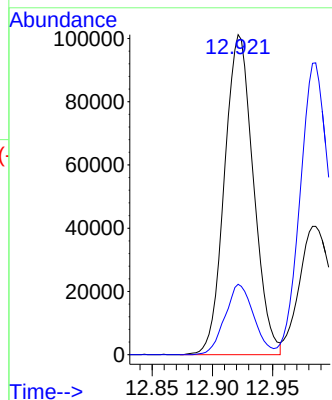
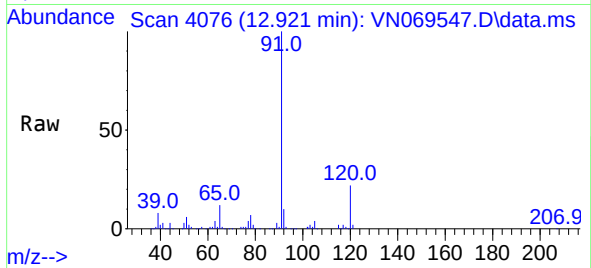




#78
n-propylbenzene
Concen: 2.012 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

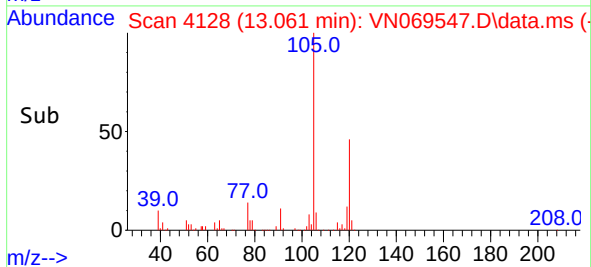
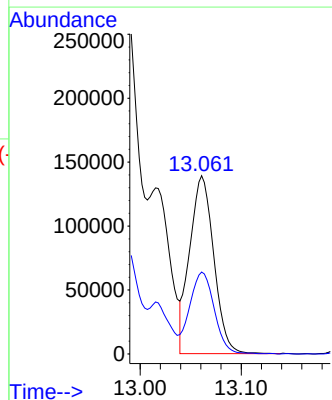
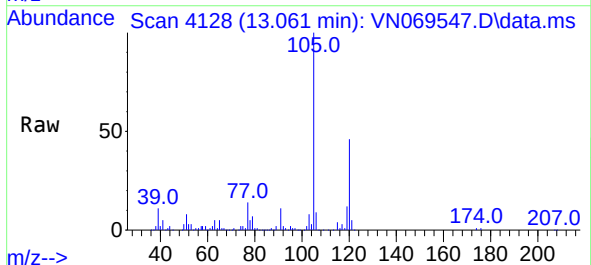
Instrument :
MSVOA_N
ClientSampleId :
33520-21

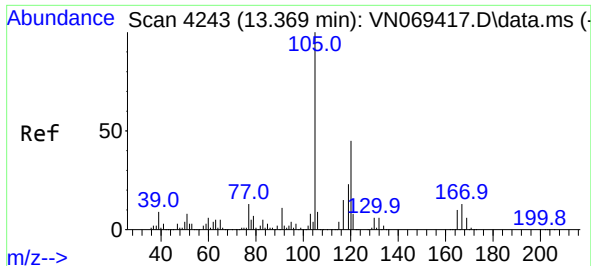
Tgt Ion: 91 Resp: 168980
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 3.816 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion: 105 Resp: 230252
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6

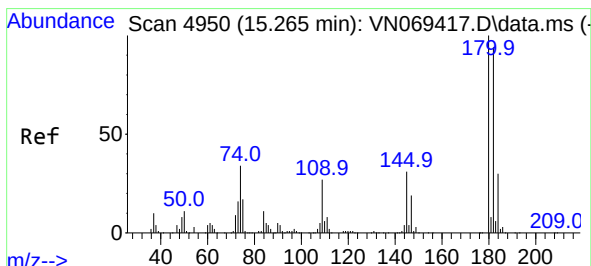
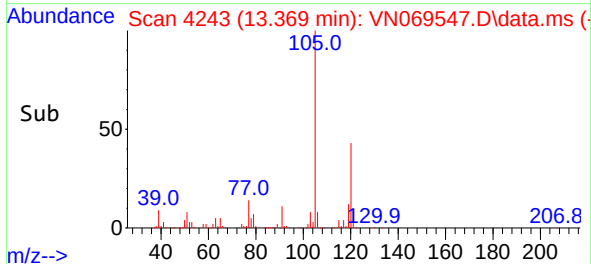
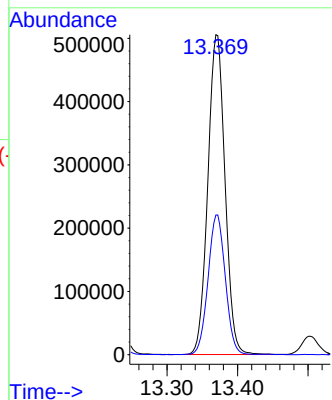
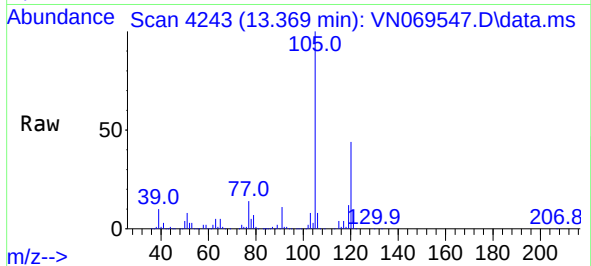




#84
 1,2,4-Trimethylbenzene
 Concen: 14.670 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069547.D
 Acq: 18 Nov 2021 12:43

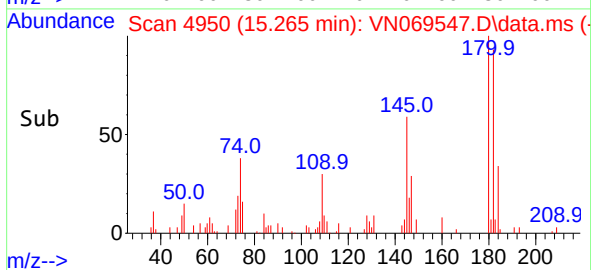
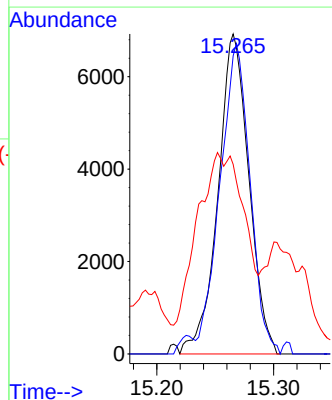
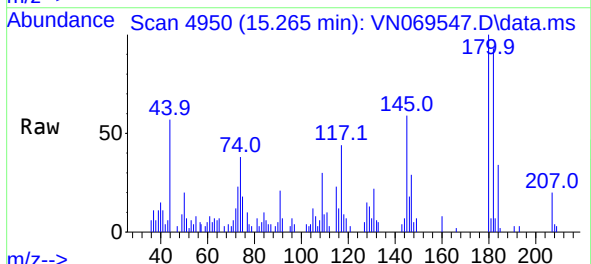
Instrument :
 MSVOA_N
 ClientSampleId :
 33520-21

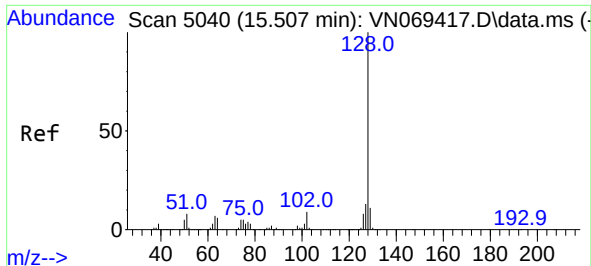
Tgt Ion:105 Resp: 854614
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.8 68.4



#93
 1,2,4-Trichlorobenzene
 Concen: 3.921 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069547.D
 Acq: 18 Nov 2021 12:43

Tgt Ion:180 Resp: 12711
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.3 144.9
 145 45.4 14.5 43.5#

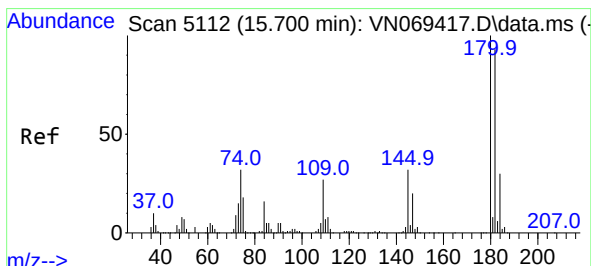
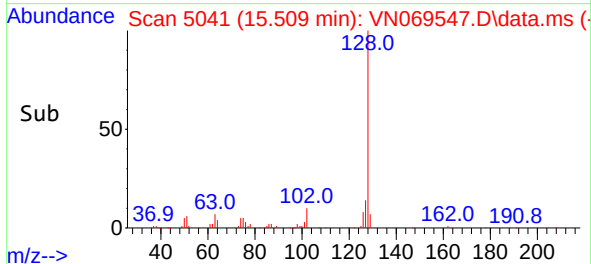
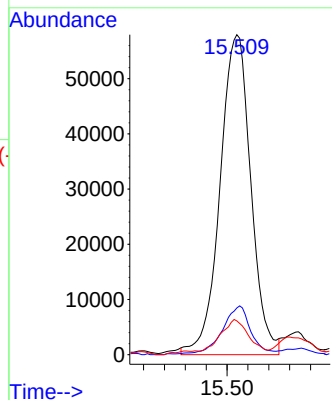
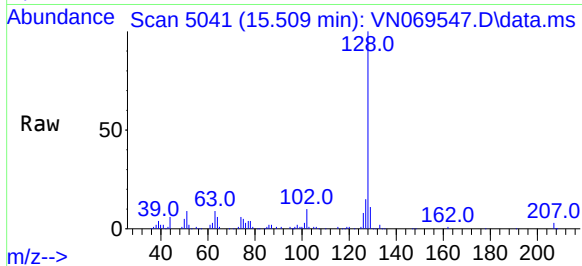




#95
Naphthalene
Concen: 7.051 ug/l m
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Instrument :
MSVOA_N
ClientSampleId :
33520-21

Tgt Ion:128 Resp: 118771
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 4.263 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN069547.D
Acq: 18 Nov 2021 12:43

Tgt Ion:180 Resp: 16469
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 57.1 15.0 45.1#

