

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070013.D
 Acq On : 11 Dec 2021 17:19
 Operator : JC/MD
 Sample : M4873-04 10X
 Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-5-6.5

Quant Time: Dec 12 16:23:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

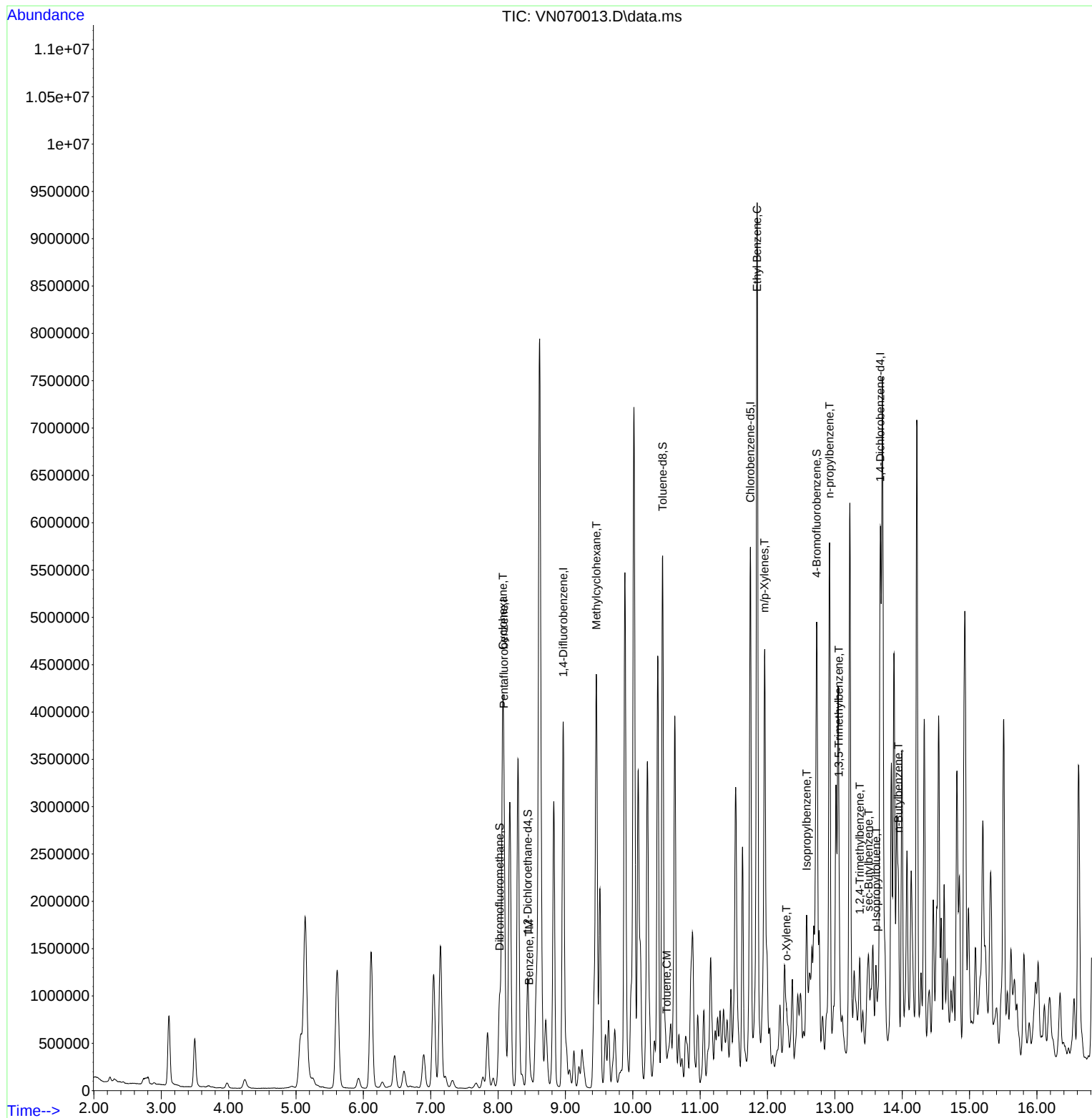
Internal Standards						
1) Pentafluorobenzene	8.086	168	1186964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2207501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2680614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1303410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	898668	49.036	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.080%
35) Dibromofluoromethane	8.021	113	662964	47.946	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.900%
50) Toluene-d8	10.443	98	3000416	54.041	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.080%
62) 4-Bromofluorobenzene	12.731	95	1455739	72.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	144.740%#
Target Compounds						
					Qvalue	
31) Cyclohexane	8.072	56	853673	33.472	ug/l #	51
39) Methylcyclohexane	9.459	83	1022675	40.913	ug/l #	78
40) Benzene	8.461	78	235054	3.659	ug/l	99
52) Toluene	10.505	92	53666	1.368	ug/l	95
67) Ethyl Benzene	11.846	91	6191422	62.677	ug/l	97
68) m/p-Xylenes	11.956	106	476049	13.235	ug/l	90
69) o-Xylene	12.280	106	84881	2.343	ug/l	93
73) Isopropylbenzene	12.581	105	913302	7.876	ug/l	98
78) n-propylbenzene	12.921	91	4177457	32.372	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	262883	2.816	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	465866	5.241	ug/l	96
85) sec-Butylbenzene	13.501	105	494295	4.409	ug/l #	65
86) p-Isopropyltoluene	13.616	119	195537	2.231	ug/l	95
89) n-Butylbenzene	13.943	91	1048519	14.750	ug/l #	76

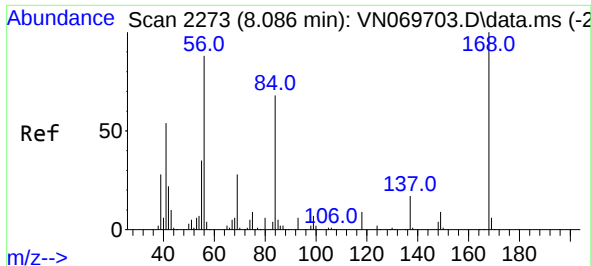
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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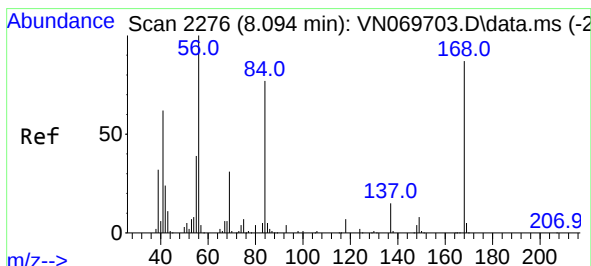
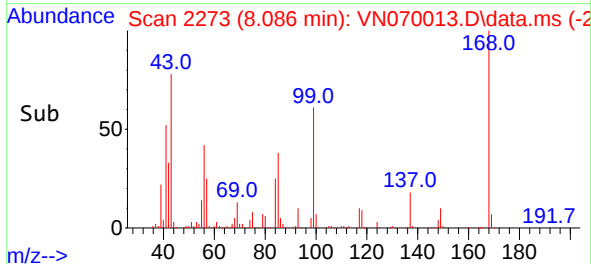
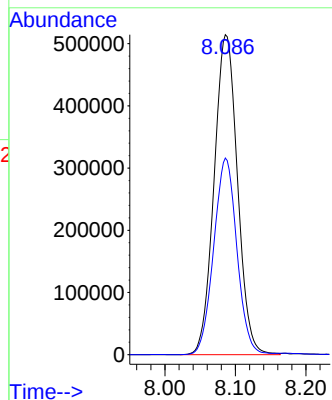
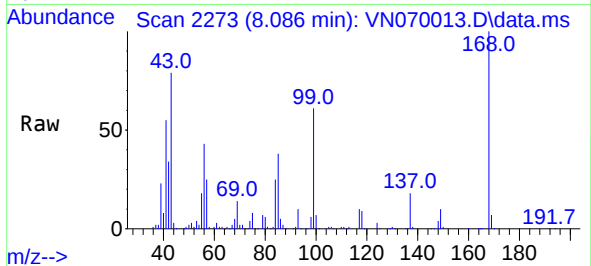




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

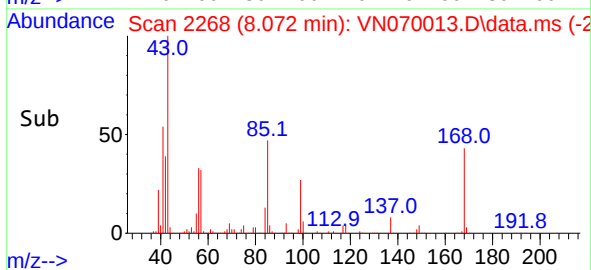
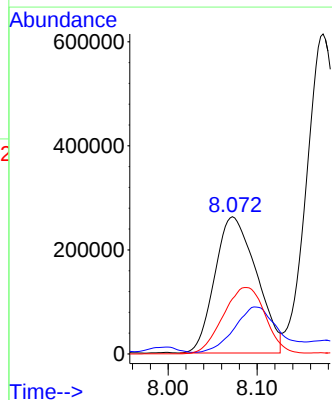
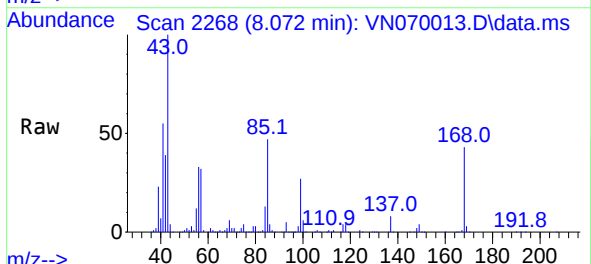
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

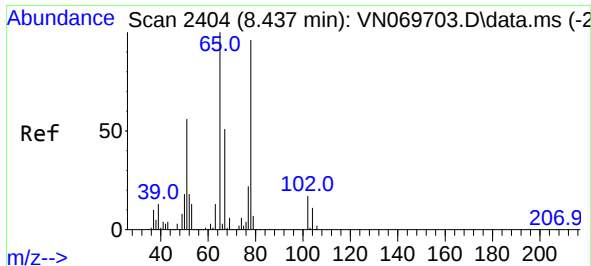
Tgt Ion:168 Resp: 1186964
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#31
Cyclohexane
Concen: 33.472 ug/l
RT: 8.072 min Scan# 2268
Delta R.T. -0.021 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 56 Resp: 853673
Ion Ratio Lower Upper
56 100
69 14.3 27.1 40.7#
84 40.3 73.4 110.0#

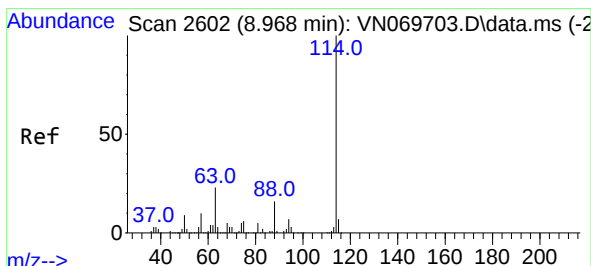
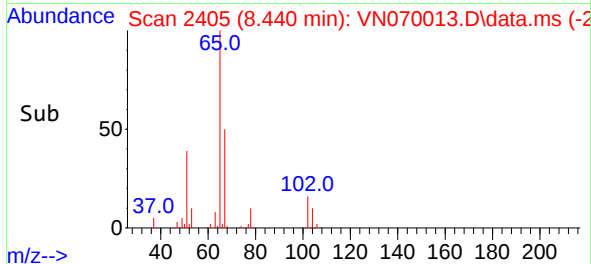
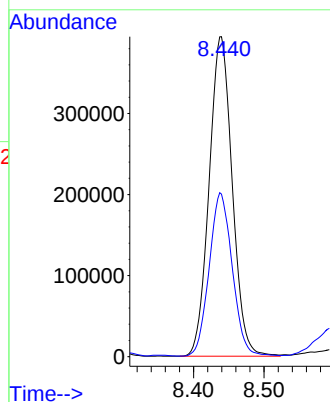
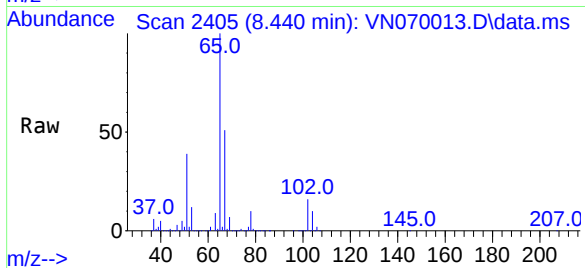




#33
1,2-Dichloroethane-d4
Concen: 49.036 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

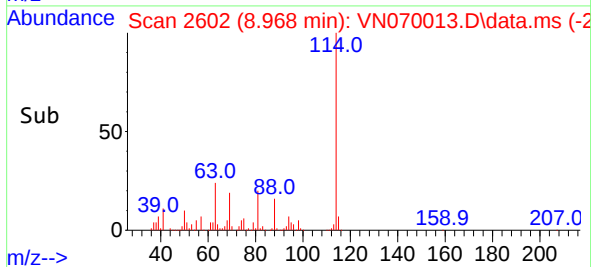
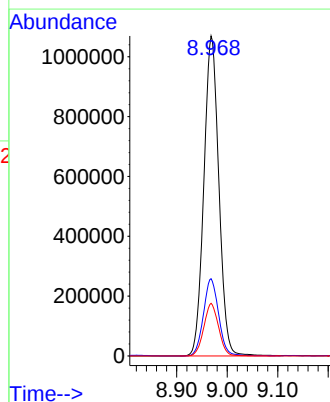
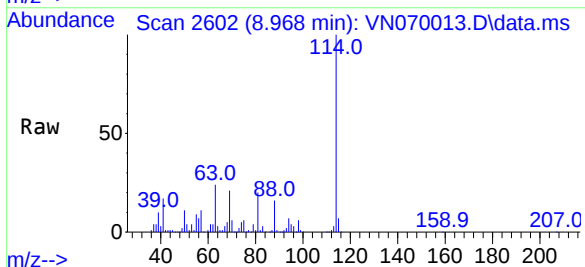
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

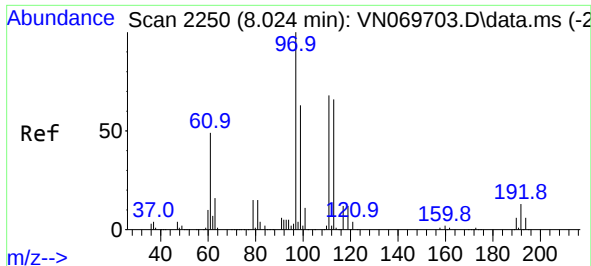
Tgt Ion: 65 Resp: 898668
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 114 Resp: 2207501
Ion Ratio Lower Upper
114 100
63 24.2 0.0 37.8
88 16.5 0.0 27.4

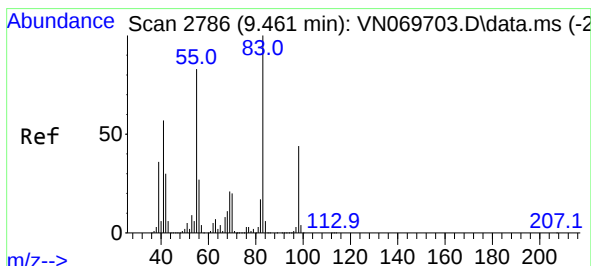
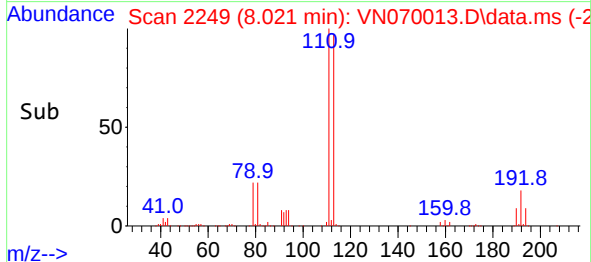
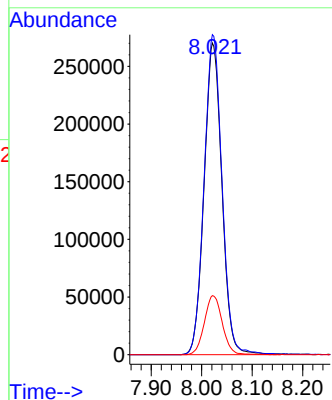
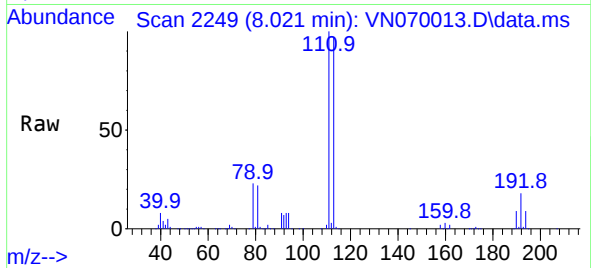




#35
Dibromofluoromethane
Concen: 47.946 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

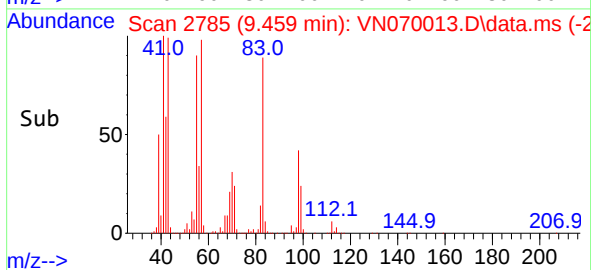
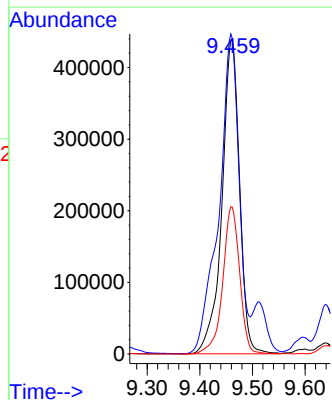
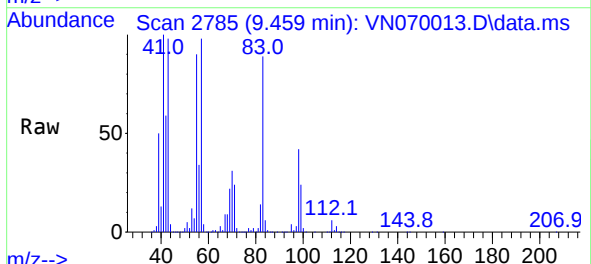
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

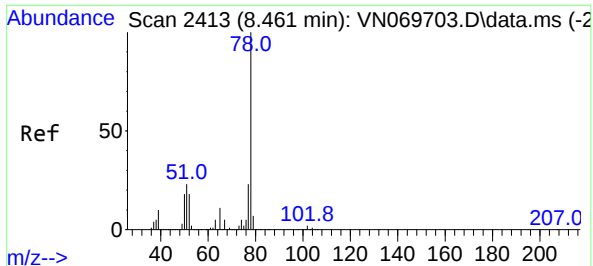
Tgt Ion:113 Resp: 662964
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3



#39
Methylcyclohexane
Concen: 40.913 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 83 Resp: 1022675
Ion Ratio Lower Upper
83 100
55 101.9 58.1 87.1#
98 46.9 38.4 57.6

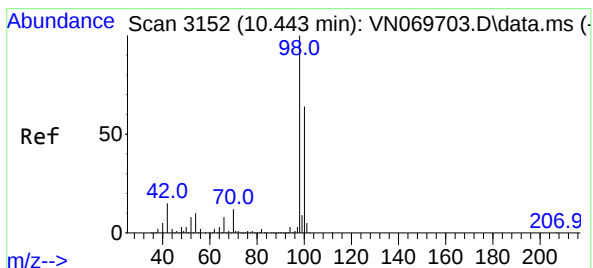
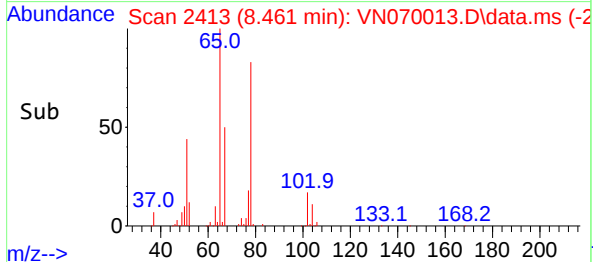
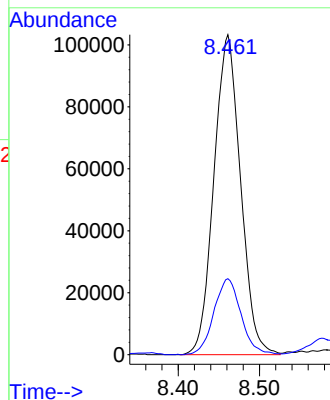
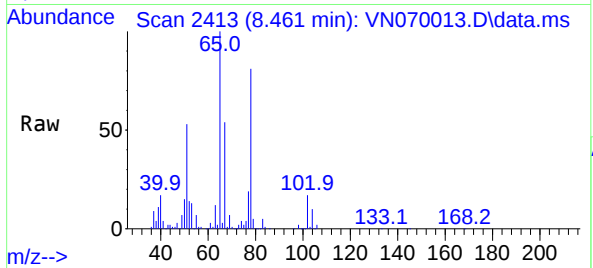




#40
Benzene
Concen: 3.659 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

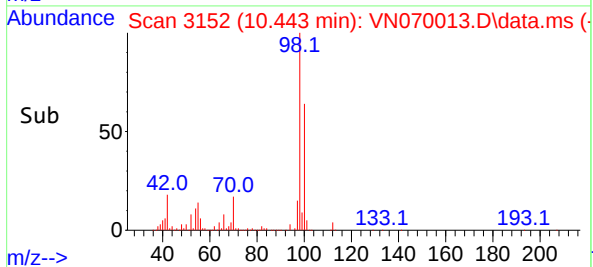
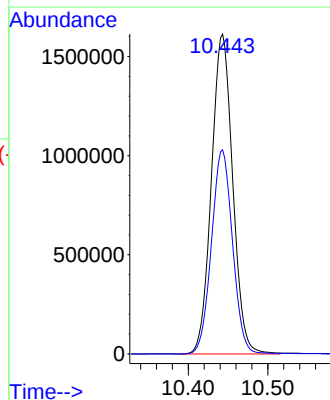
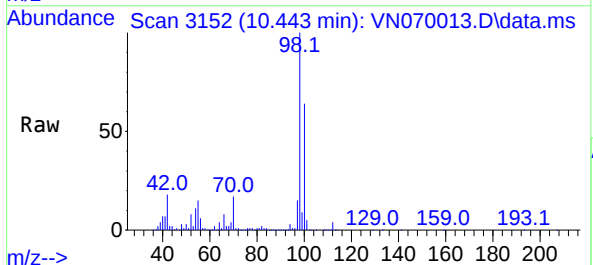
Instrument :
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ClientSampleId :
A2-5-6.5

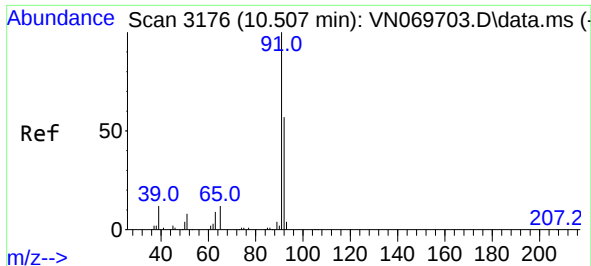
Tgt Ion: 78 Resp: 235054
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#50
Toluene-d8
Concen: 54.041 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 98 Resp: 3000416
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

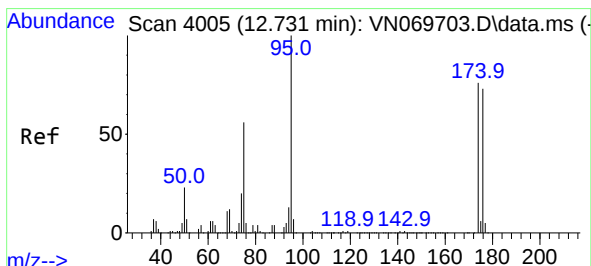
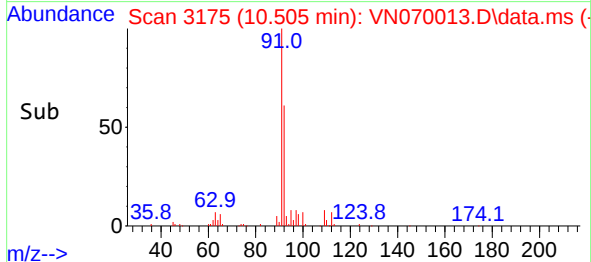
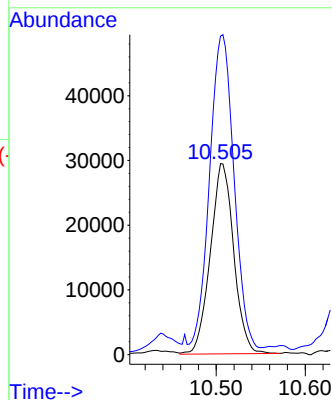
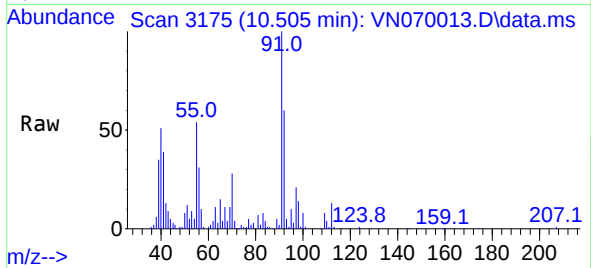




#52
Toluene
Concen: 1.368 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

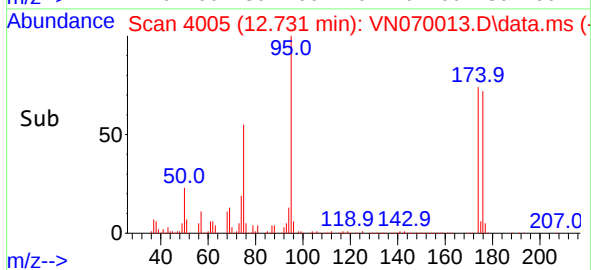
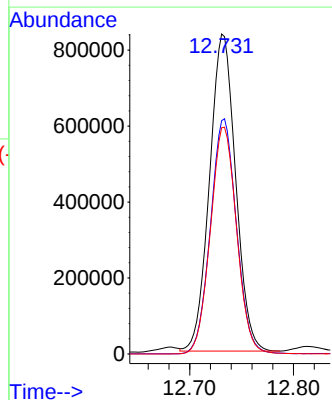
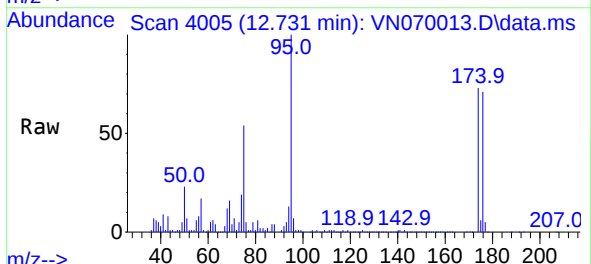
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

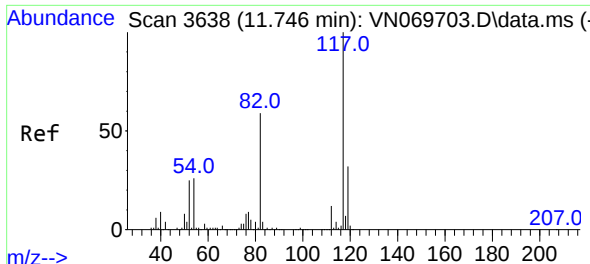
Tgt Ion: 92 Resp: 53666
Ion Ratio Lower Upper
92 100
91 170.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 72.374 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 95 Resp: 1455739
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 72.1 0.0 181.4



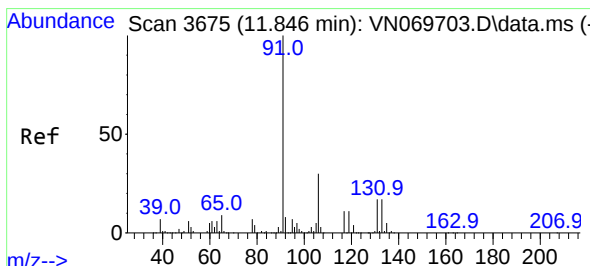
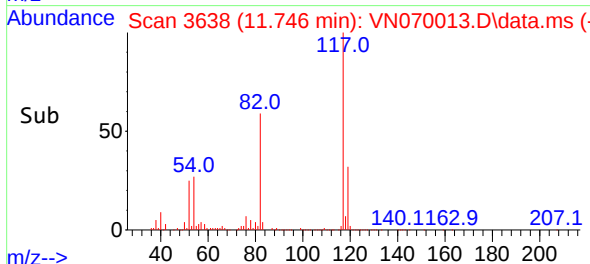
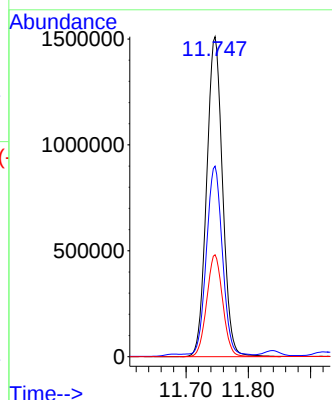
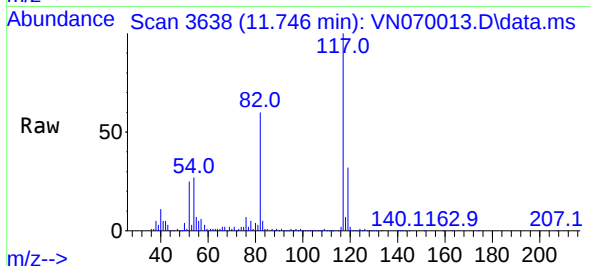


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

Tgt Ion:117 Resp: 2680614

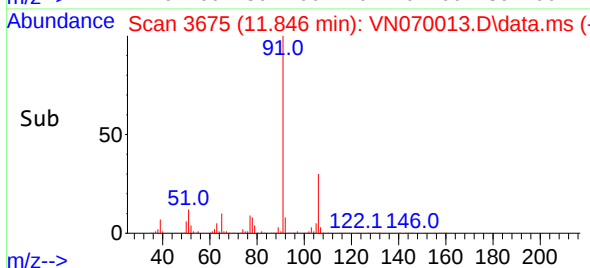
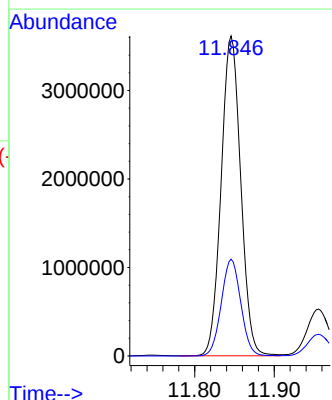
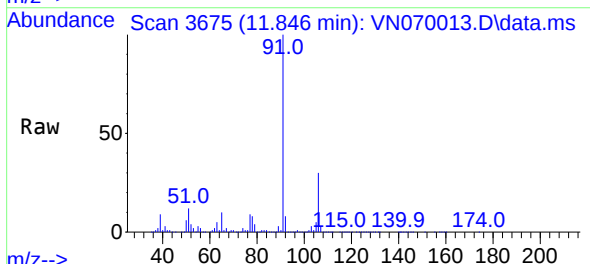
Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	31.9	25.4	38.2

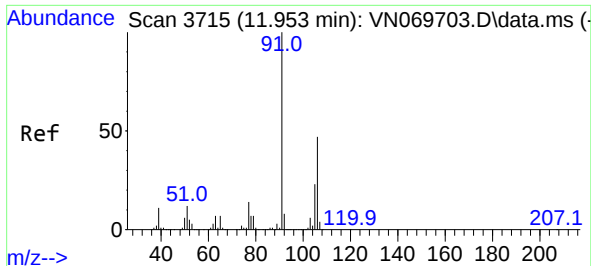


#67
Ethyl Benzene
Concen: 62.677 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 91 Resp: 6191422

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.7	38.5

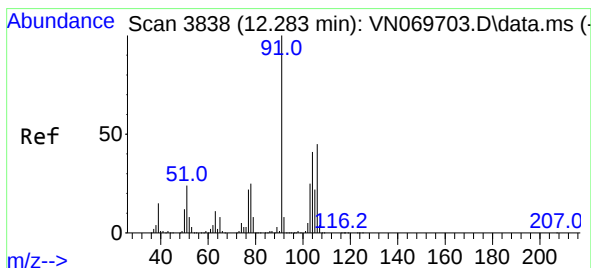
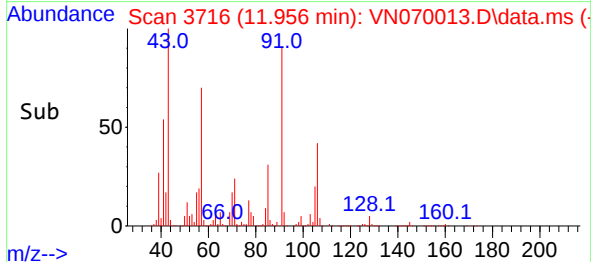
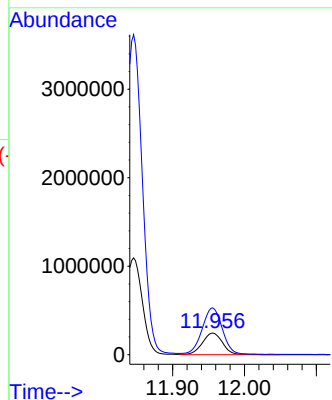
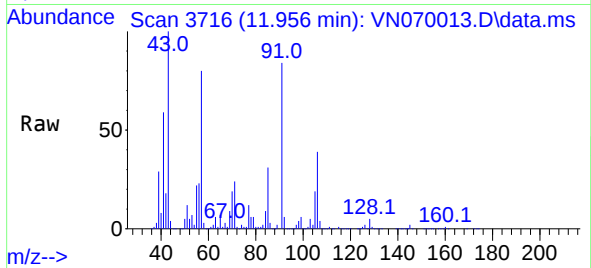




#68
m/p-Xylenes
Concen: 13.235 ug/l
RT: 11.956 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

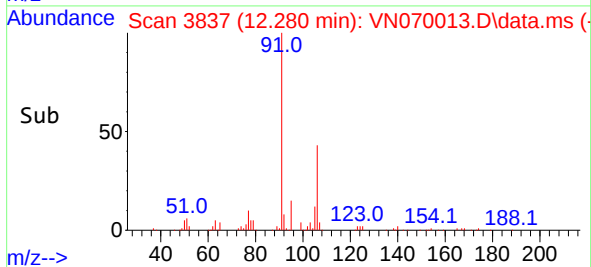
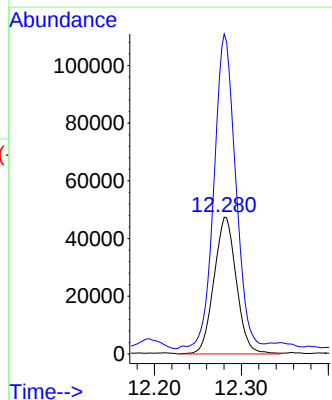
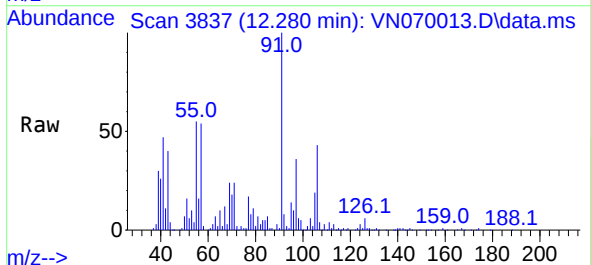
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

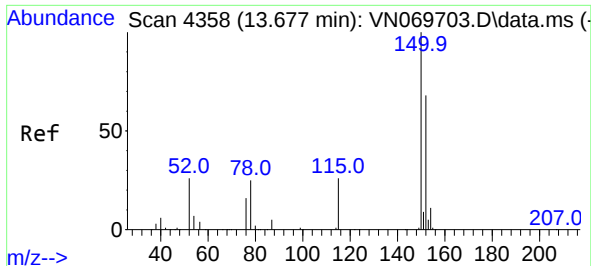
Tgt Ion:106 Resp: 476049
Ion Ratio Lower Upper
106 100
91 215.5 160.6 240.8



#69
o-Xylene
Concen: 2.343 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion:106 Resp: 84881
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3

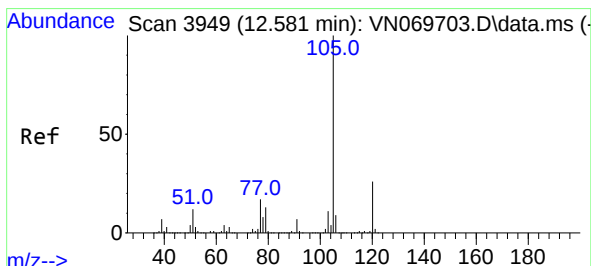
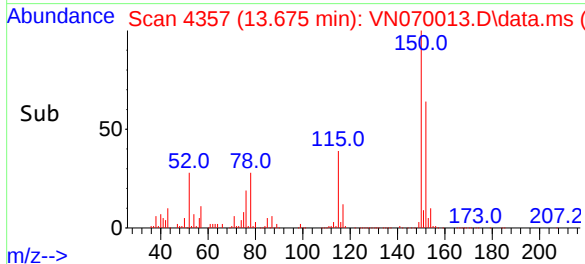
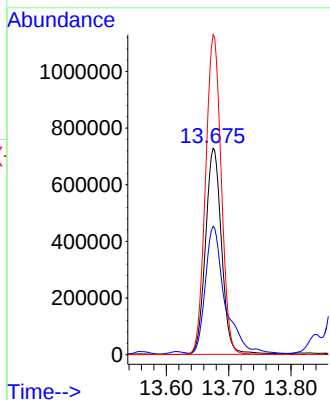
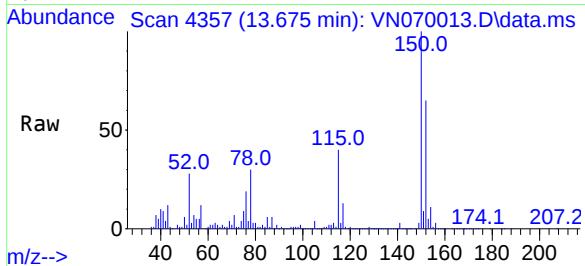




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

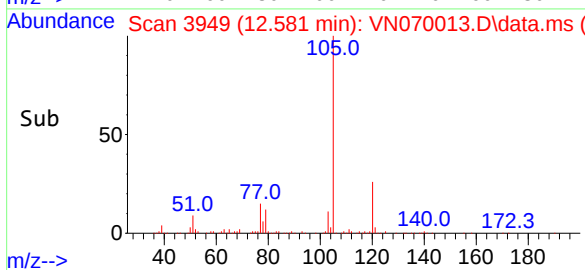
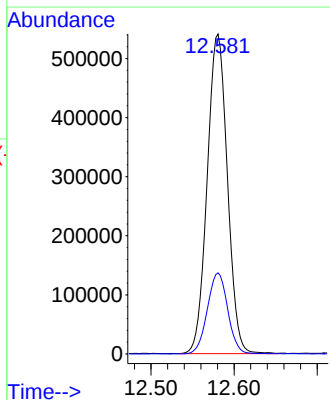
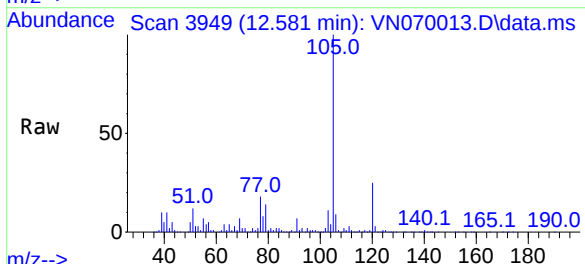
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

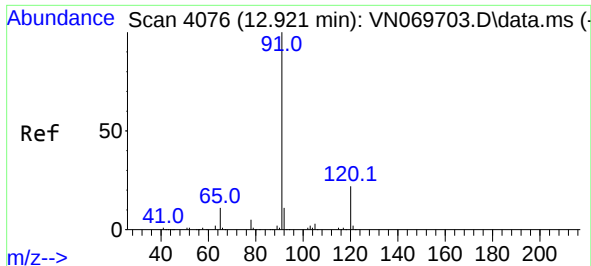
Tgt Ion:152 Resp: 1303410
Ion Ratio Lower Upper
152 100
115 73.0 27.5 82.5
150 151.6 0.0 344.4



#73
Isopropylbenzene
Concen: 7.876 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion:105 Resp: 913302
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

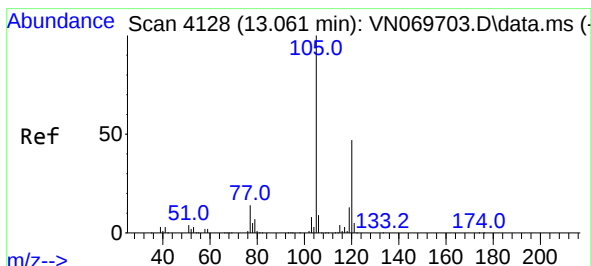
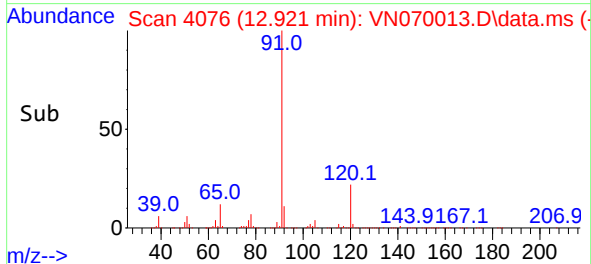
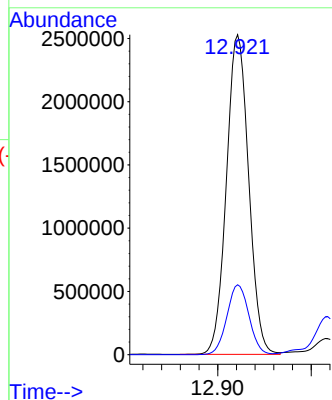
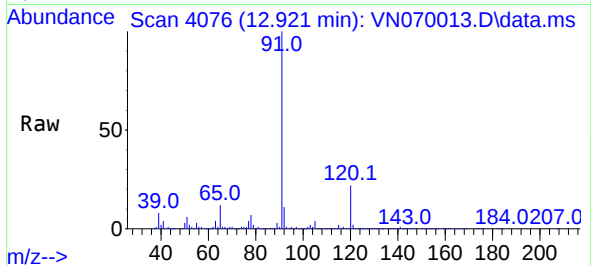




#78
n-propylbenzene
Concen: 32.372 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

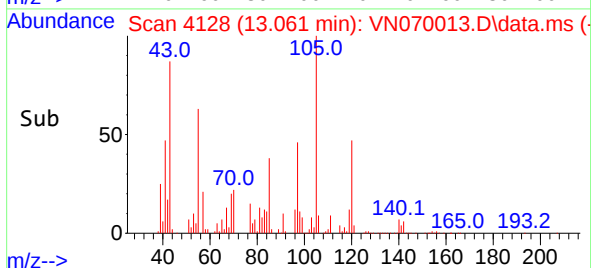
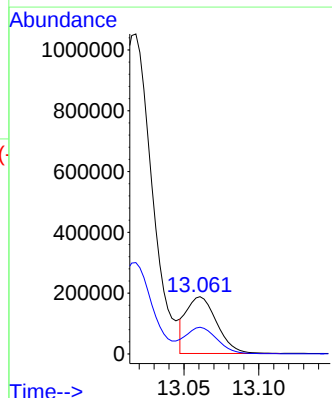
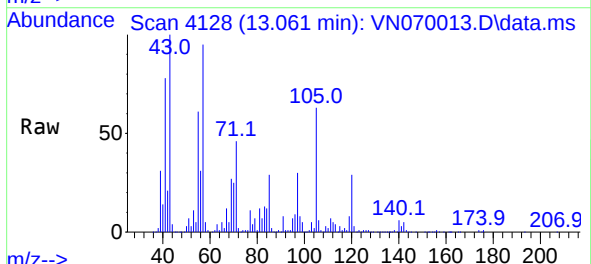
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

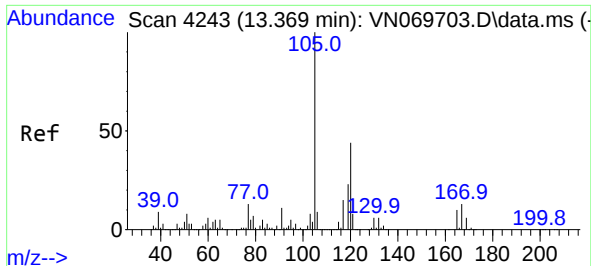
Tgt Ion: 91 Resp: 4177457
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 2.816 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 105 Resp: 262883
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6

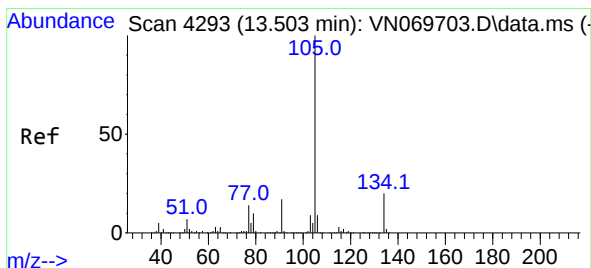
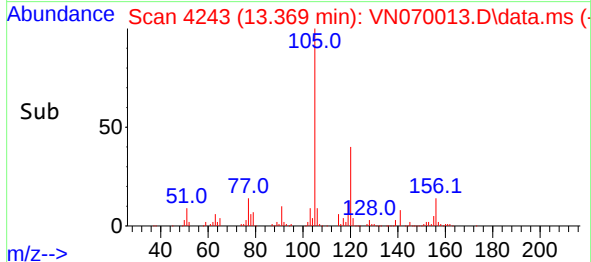
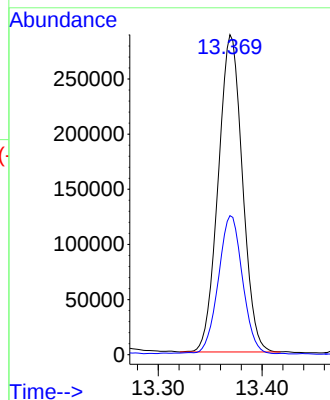
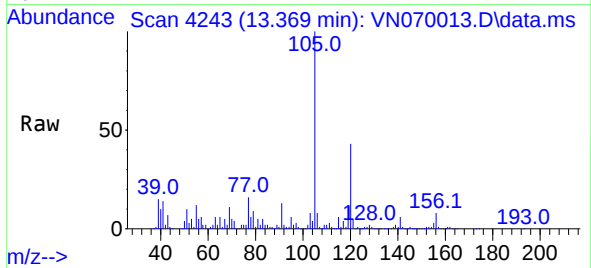




#84
1,2,4-Trimethylbenzene
Concen: 5.241 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

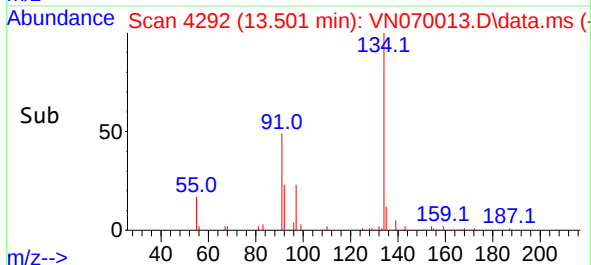
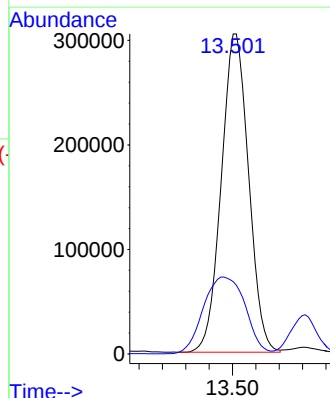
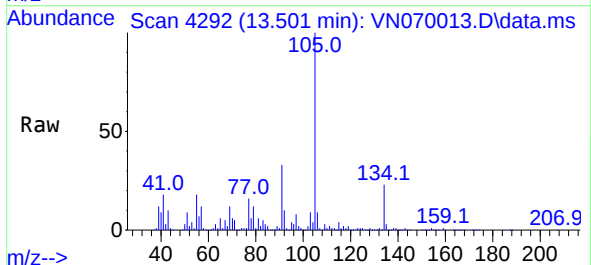
Instrument :
MSVOA_N
ClientSampleId :
A2-5-6.5

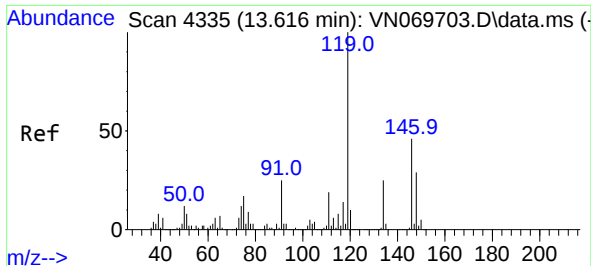
Tgt Ion:105 Resp: 465866
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.409 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion:105 Resp: 494295
Ion Ratio Lower Upper
105 100
134 36.8 10.4 31.1#



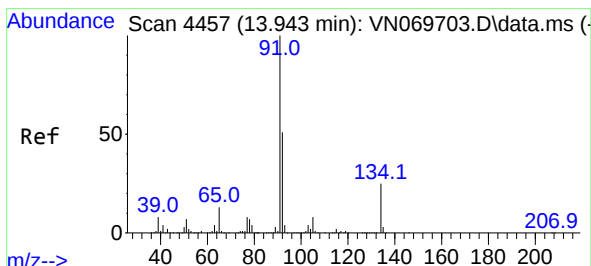
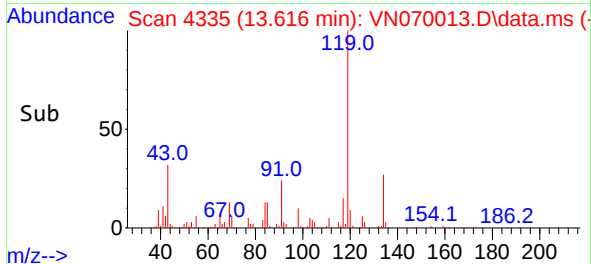
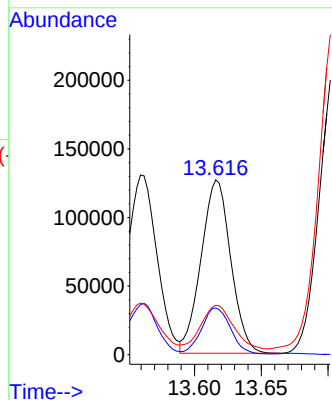
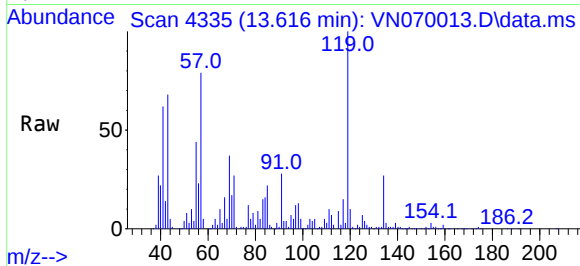


#86
p-Isopropyltoluene
Concen: 2.231 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Instrument : MSVOA_N
ClientSampleId : A2-5-6.5

Tgt Ion: 119 Resp: 195537

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.6	40.7
91	26.7	11.4	34.1



#89
n-Butylbenzene
Concen: 14.750 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070013.D
Acq: 11 Dec 2021 17:19

Tgt Ion: 91 Resp: 1048519

Ion	Ratio	Lower	Upper
91	100		
92	44.3	25.4	76.0
134	0.0	13.6	40.8

