

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070940.D
 Acq On : 3 Feb 2022 19:33
 Operator : JC/MD
 Sample : N1342-11DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31528DL2

Quant Time: Feb 04 04:45:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

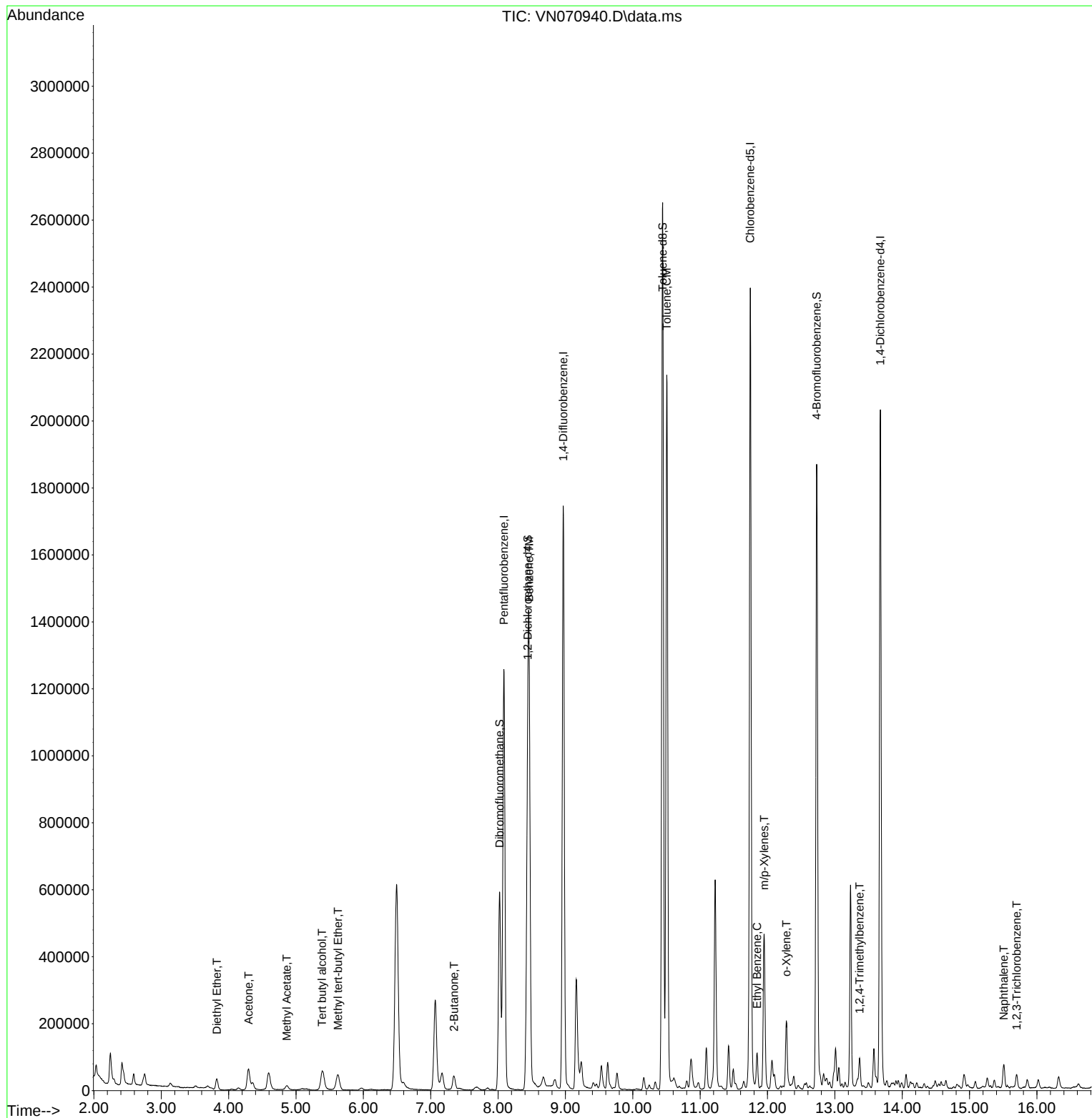
Internal Standards						
1) Pentafluorobenzene	8.086	168	966965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1527035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1361694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	556718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	606749	46.356	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.720%		
35) Dibromofluoromethane	8.021	113	442564	48.379	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.760%		
50) Toluene-d8	10.443	98	1849296	49.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.731	95	653460	48.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.560%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.824	74	17858	2.436	ug/l	88
11) Tert butyl alcohol	5.388	59	61478	22.353	ug/l #	84
16) Acetone	4.296	43	119180	15.228	ug/l	97
18) Methyl Acetate	4.865	43	27353	1.073	ug/l #	87
19) Methyl tert-butyl Ether	5.624	73	70886	1.905	ug/l #	89
25) 2-Butanone	7.345	43	72714	6.437	ug/l	98
40) Benzene	8.461	78	1114019	23.860	ug/l	99
52) Toluene	10.505	92	942256	32.572	ug/l	96
67) Ethyl Benzene	11.846	91	74744	1.439	ug/l	97
68) m/p-Xylenes	11.950	106	148051	7.691	ug/l	95
69) o-Xylene	12.280	106	54230	2.815	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	51481	1.337	ug/l	96
95) Naphthalene	15.507	128	59648	5.443	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	12642	2.946	ug/l	95

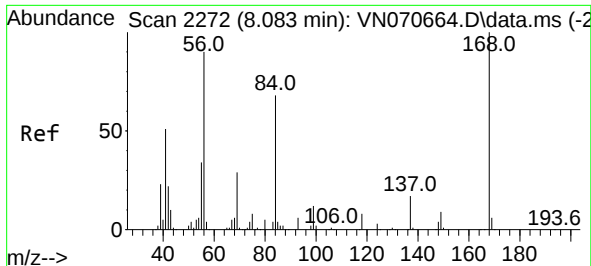
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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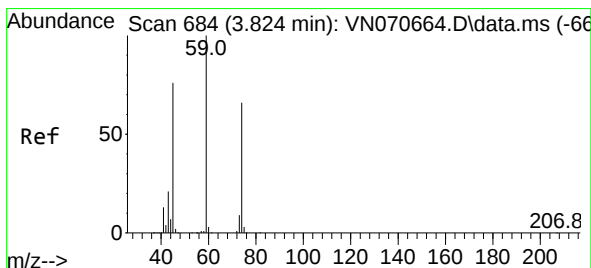
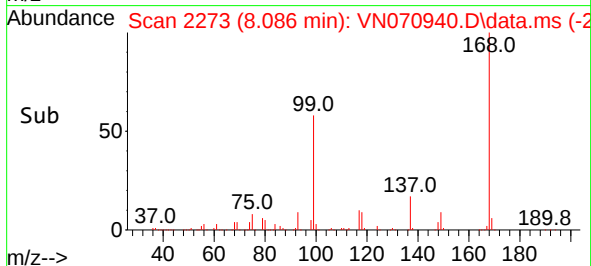
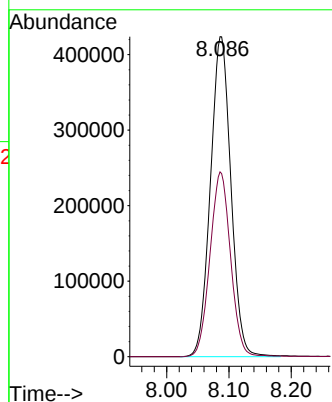
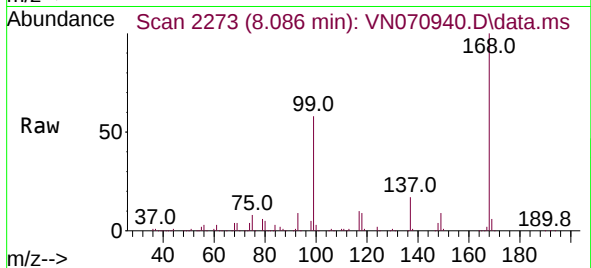




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

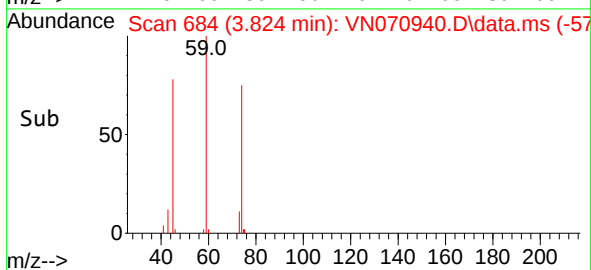
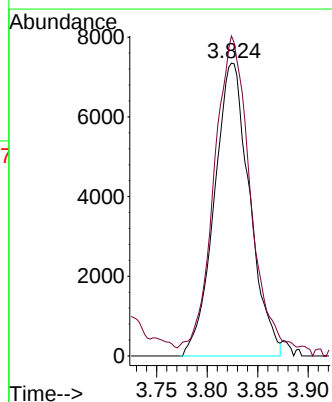
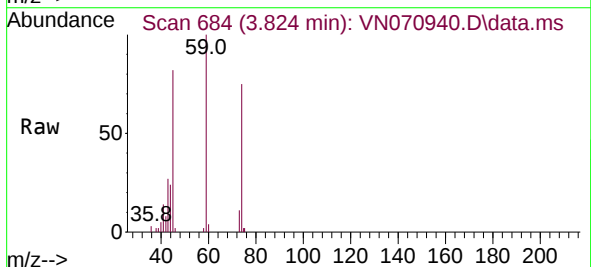
Instrument :
MSVOA_N
ClientSampleId :
31528DL2

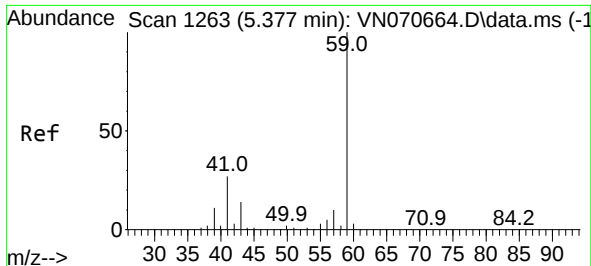
Tgt Ion:168 Resp: 966965
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#8
Diethyl Ether
Concen: 2.436 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 74 Resp: 17858
Ion Ratio Lower Upper
74 100
45 105.4 47.0 141.2

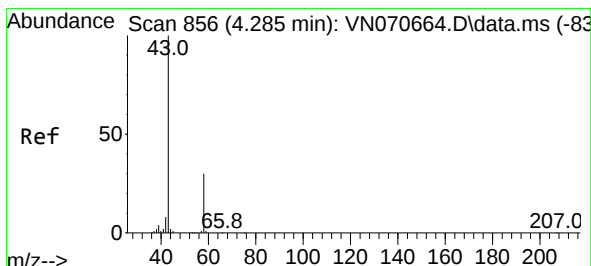
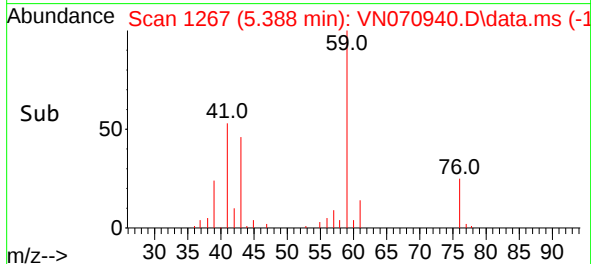
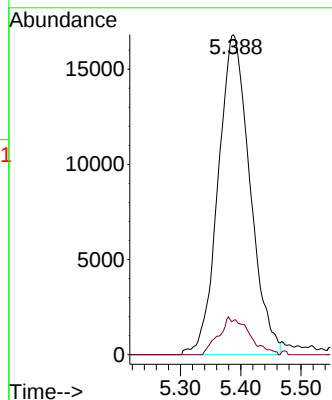
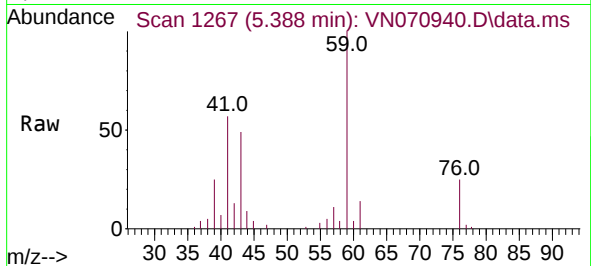




#11
Tert butyl alcohol
Concen: 22.353 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

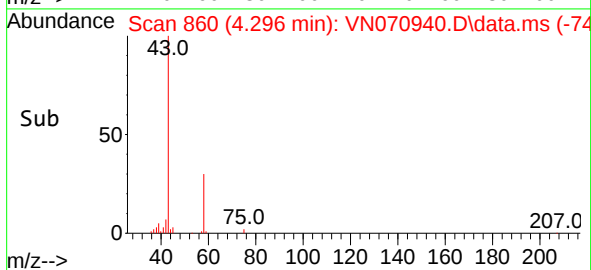
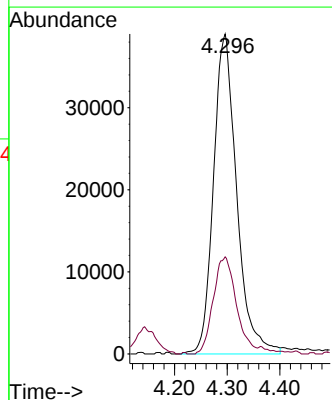
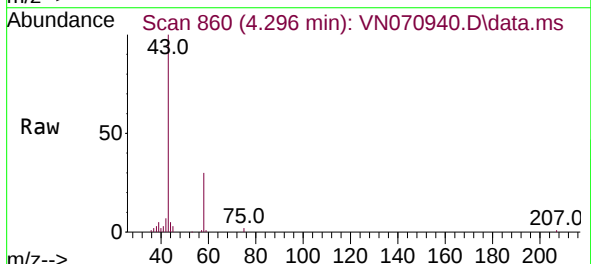
Instrument :
MSVOA_N
ClientSampleId :
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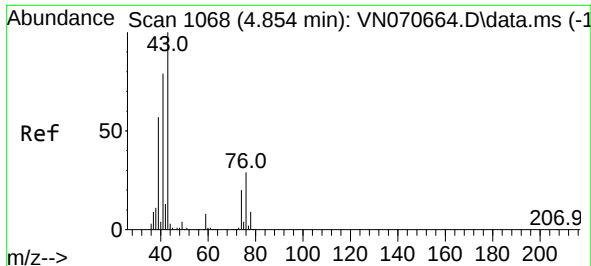
Tgt Ion: 59 Resp: 61478
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1#



#16
Acetone
Concen: 15.228 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 43 Resp: 119180
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7

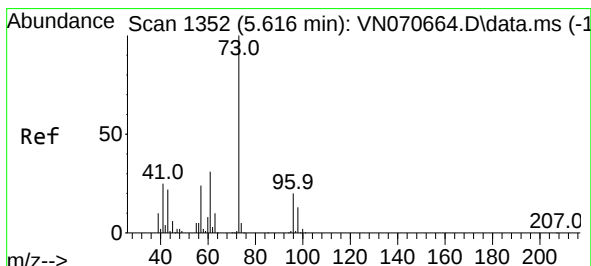
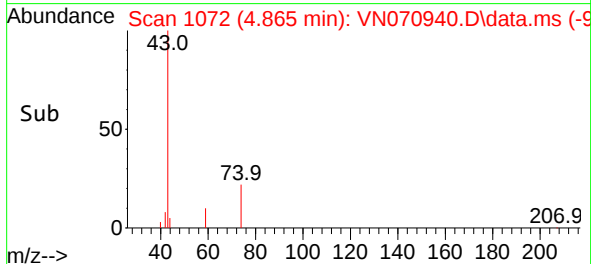
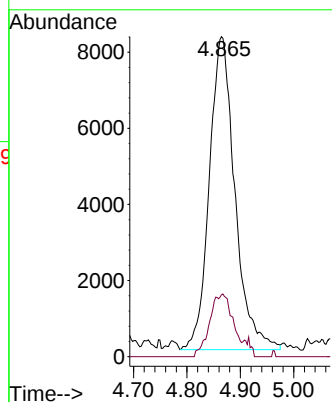
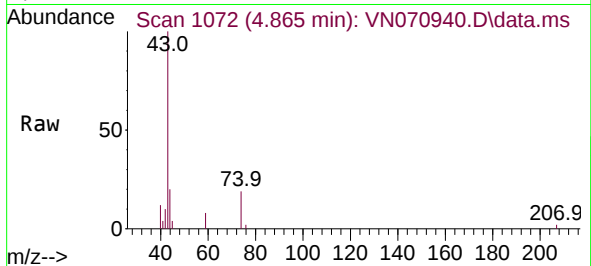




#18
Methyl Acetate
Concen: 1.073 ug/l
RT: 4.865 min Scan# 1068
Delta R.T. 0.011 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

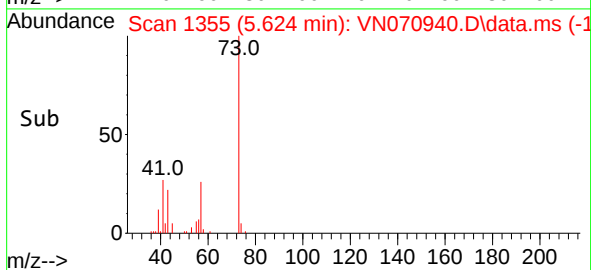
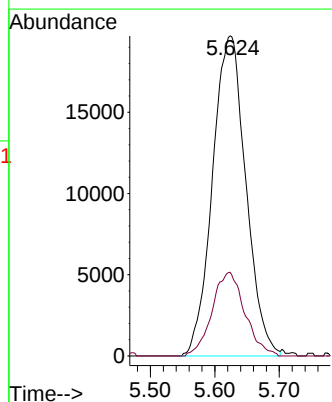
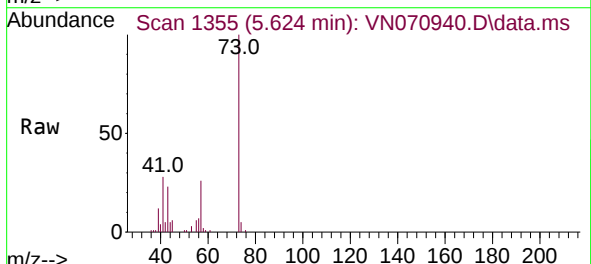
Instrument :
MSVOA_N
ClientSampleId :
31528DL2

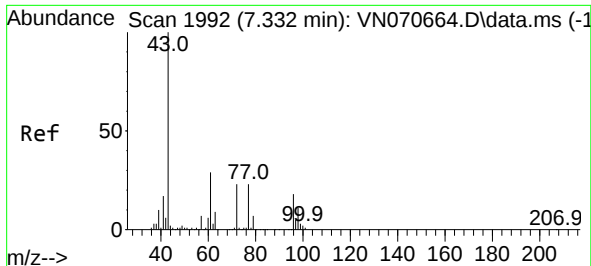
Tgt Ion: 43 Resp: 27353
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 1.905 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.008 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 73 Resp: 70886
Ion Ratio Lower Upper
73 100
57 26.2 16.8 25.2#





#25

2-Butanone

Concen: 6.437 ug/l

RT: 7.345 min Scan# 19

Delta R.T. 0.010 min

Lab File: VN070940.D

Acq: 3 Feb 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

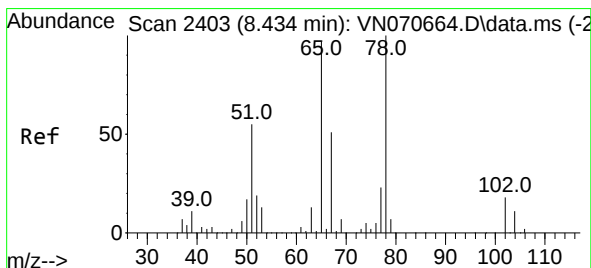
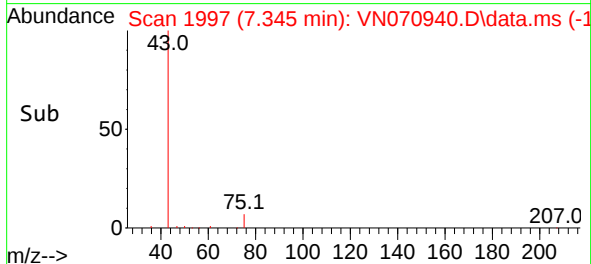
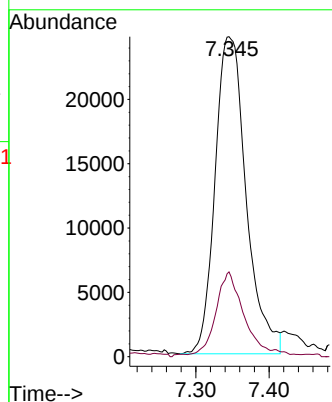
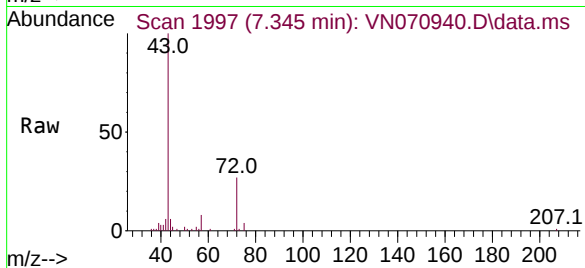
31528DL2

Tgt Ion: 43 Resp: 72714

Ion Ratio Lower Upper

43 100

72 26.0 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 46.356 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070940.D

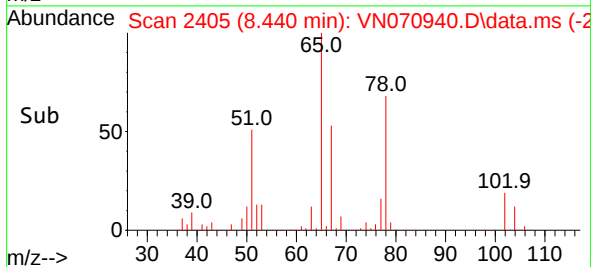
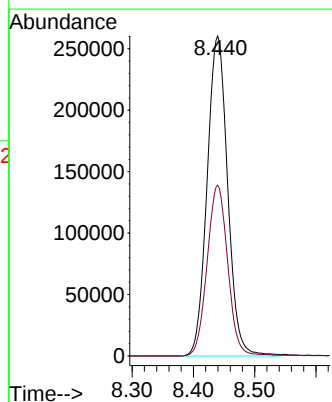
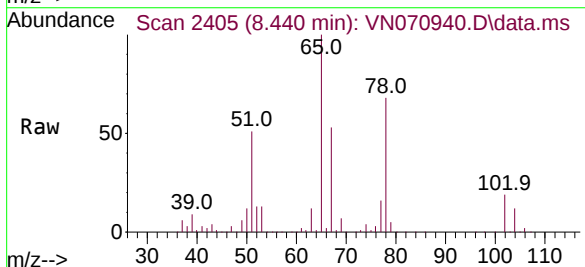
Acq: 3 Feb 2022 19:33

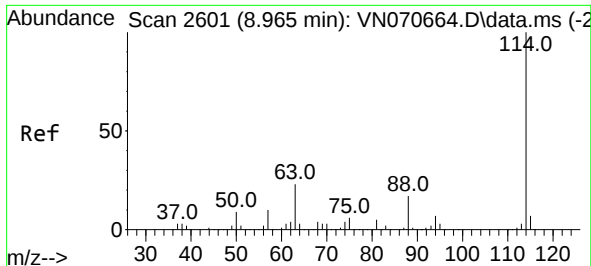
Tgt Ion: 65 Resp: 606749

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0

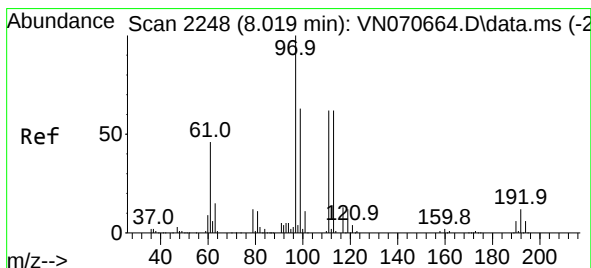
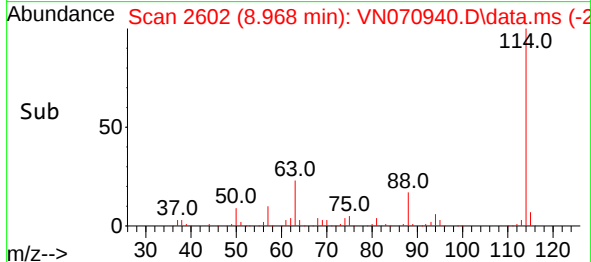
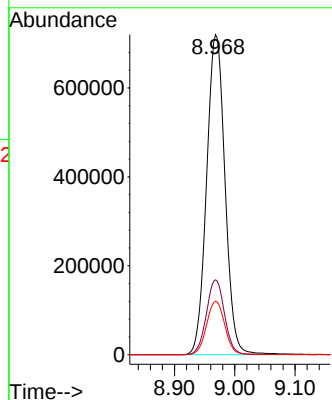
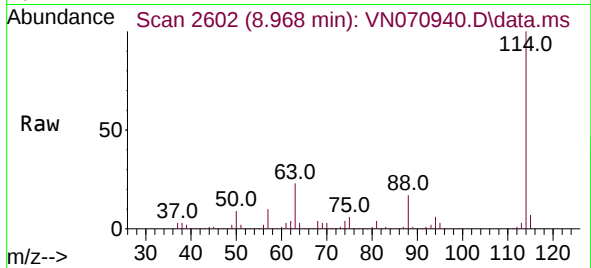




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

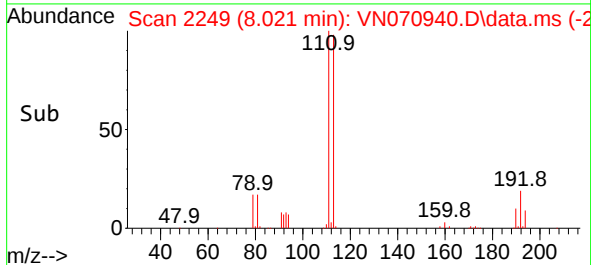
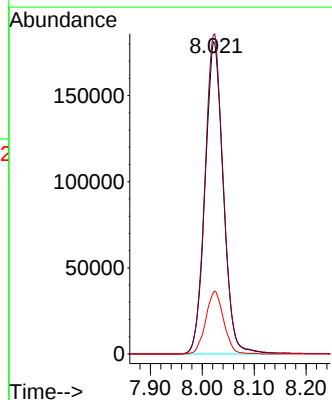
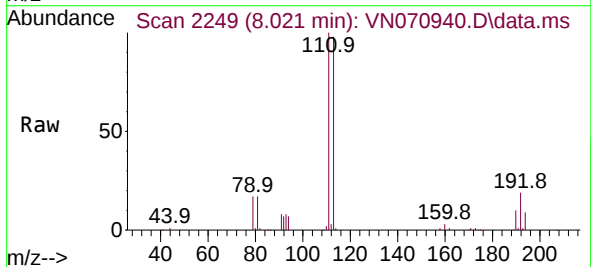
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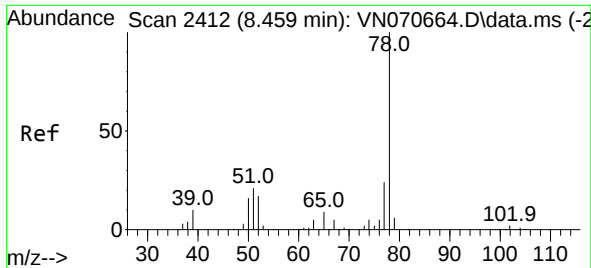
Tgt Ion:114 Resp: 1527035
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.379 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion:113 Resp: 442564
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.8 16.9 25.3

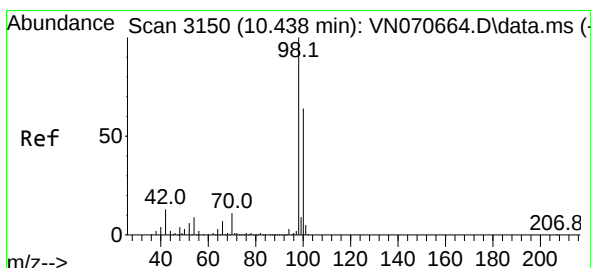
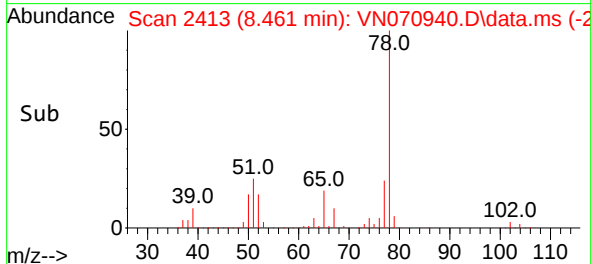
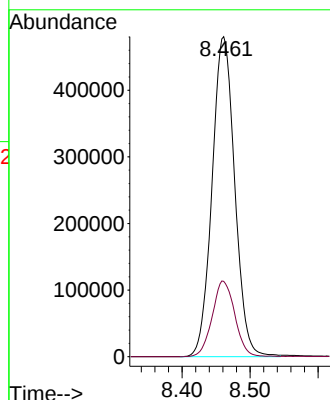
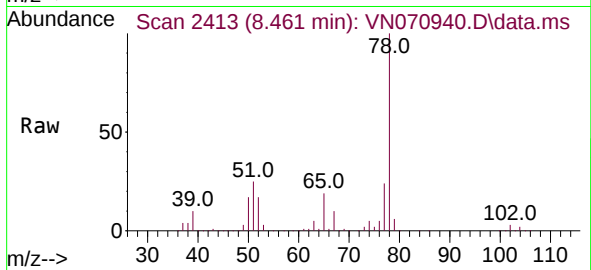




#40
Benzene
Concen: 23.860 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

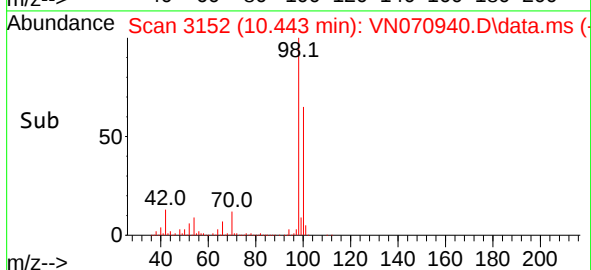
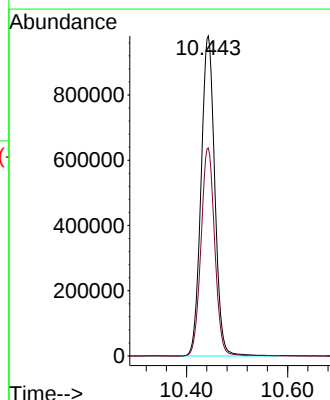
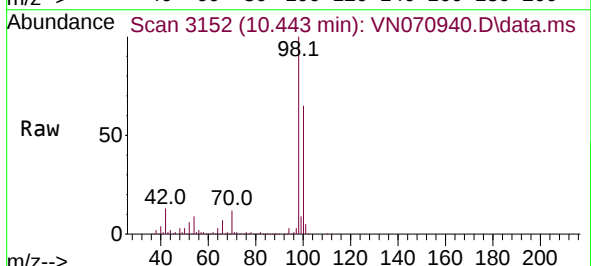
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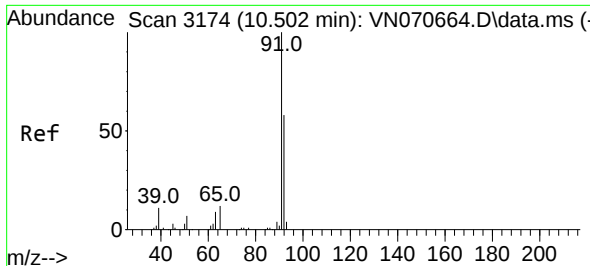
Tgt Ion: 78 Resp: 1114019
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



#50
Toluene-d8
Concen: 49.236 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 98 Resp: 1849296
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6

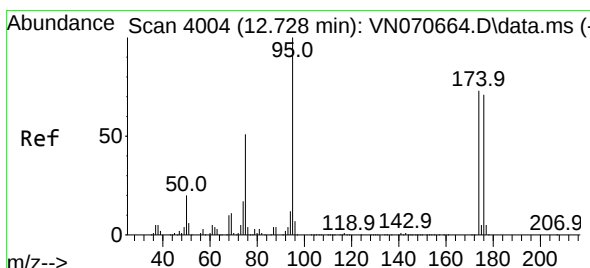
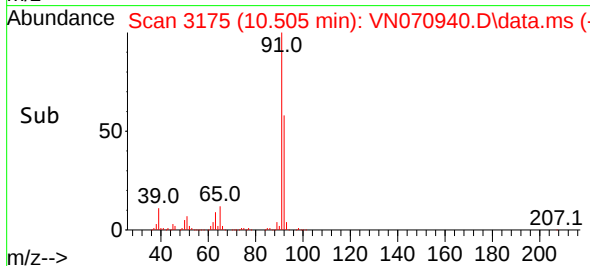
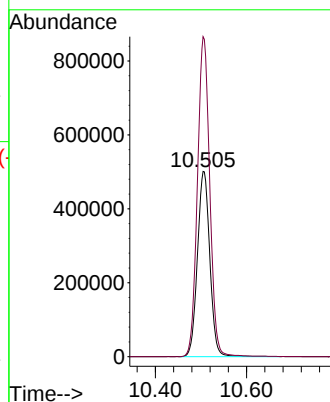
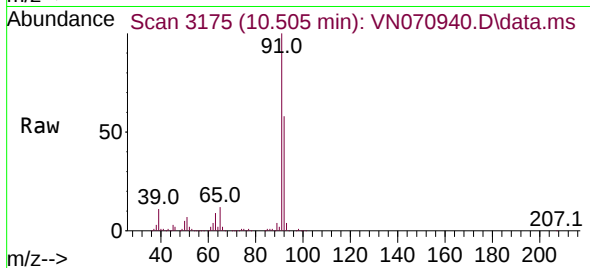




#52
Toluene
Concen: 32.572 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

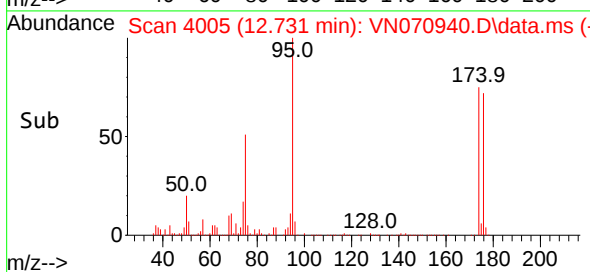
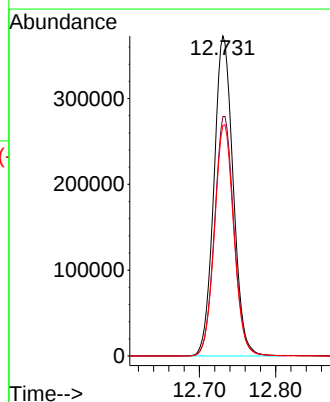
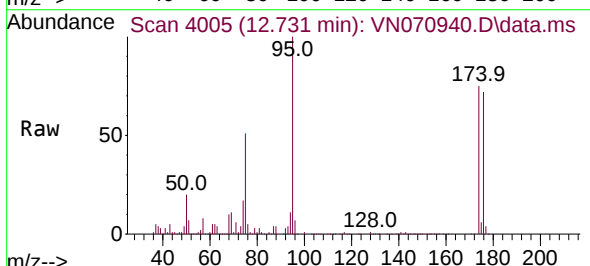
Instrument :
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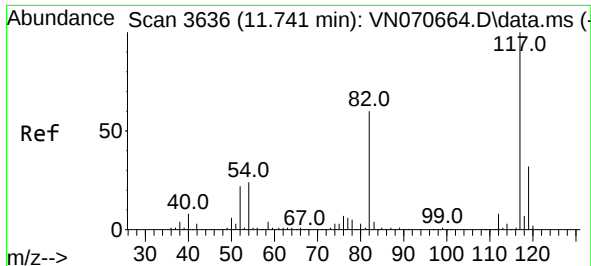
Tgt Ion: 92 Resp: 942256
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 48.284 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 95 Resp: 653460
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.7 0.0 181.4

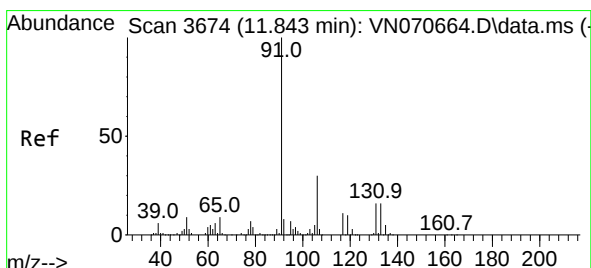
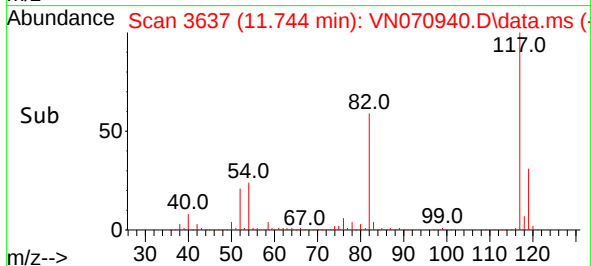
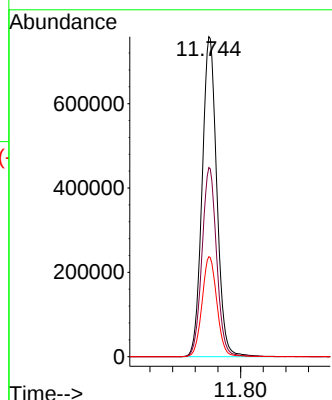
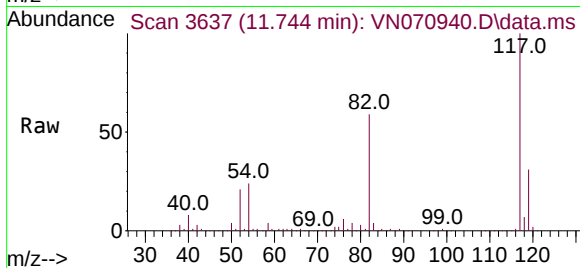




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

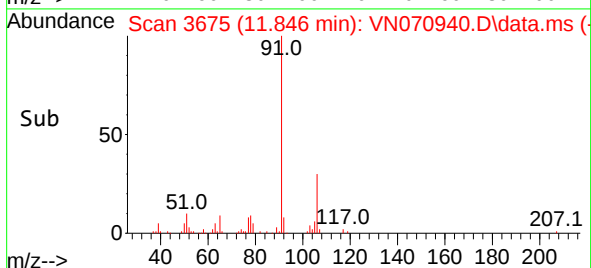
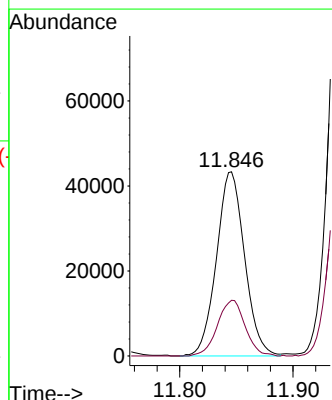
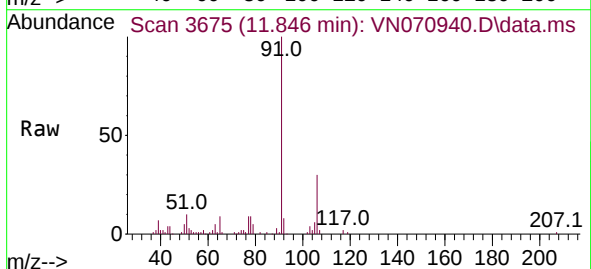
Instrument :
MSVOA_N
ClientSampleId :
31528DL2

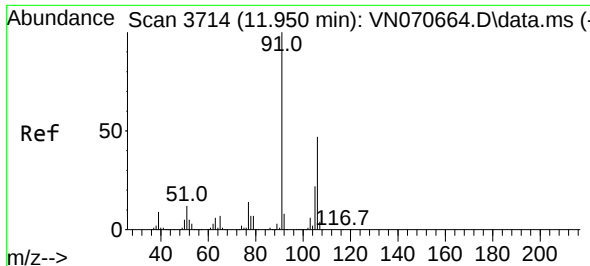
Tgt Ion:117 Resp: 1361694
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.3 25.4 38.2



#67
Ethyl Benzene
Concen: 1.439 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion: 91 Resp: 74744
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

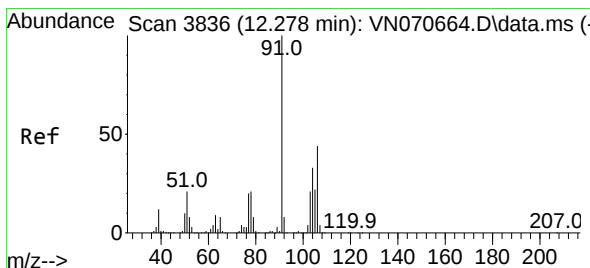
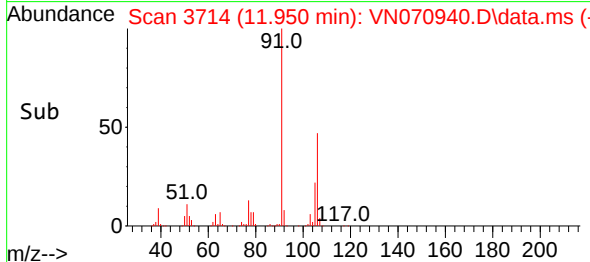
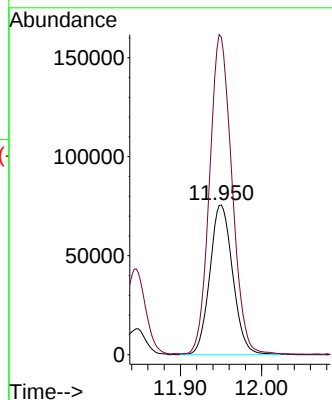
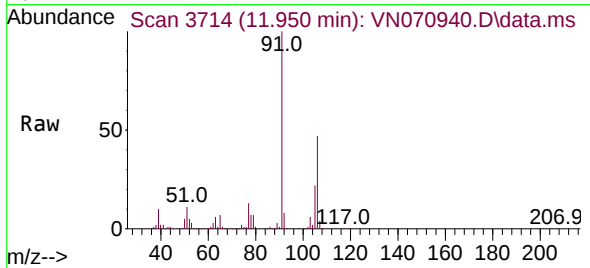




#68
m/p-Xylenes
Concen: 7.691 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

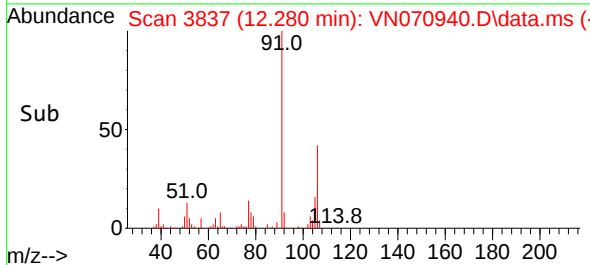
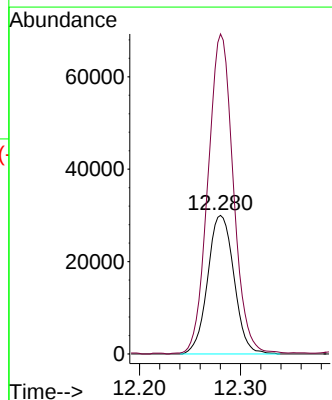
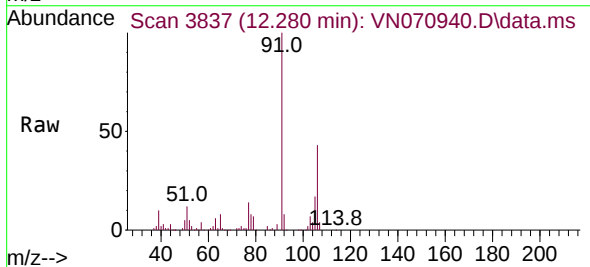
Instrument :
MSVOA_N
ClientSampleId :
31528DL2

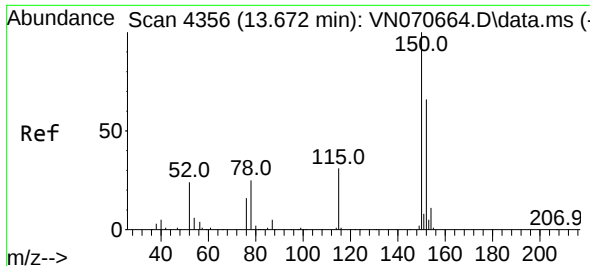
Tgt Ion:106 Resp: 148051
Ion Ratio Lower Upper
106 100
91 208.7 160.6 240.8



#69
o-Xylene
Concen: 2.815 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion:106 Resp: 54230
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3

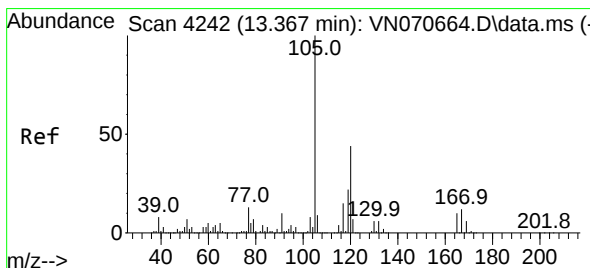
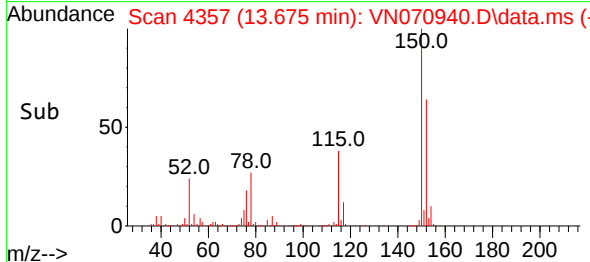
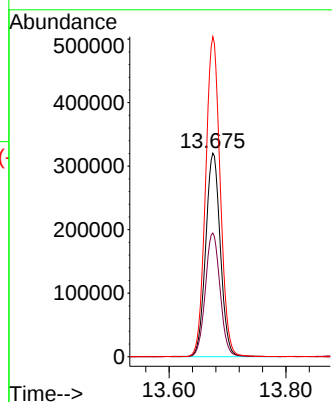
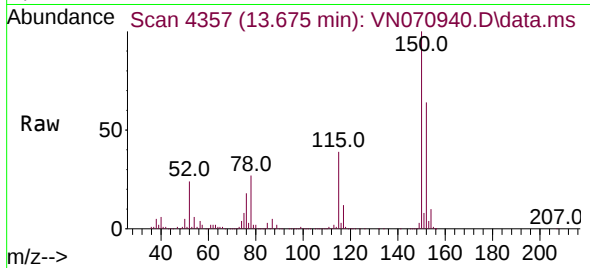




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070940.D
 Acq: 3 Feb 2022 19:33

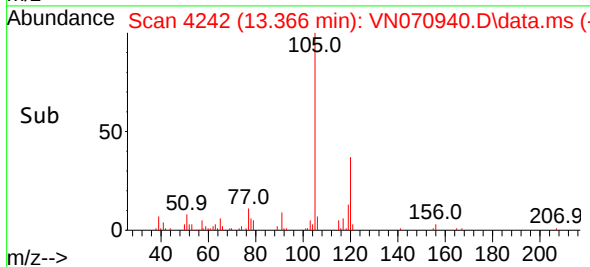
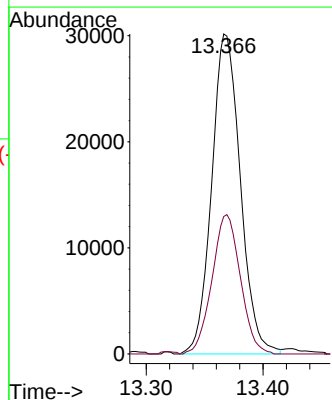
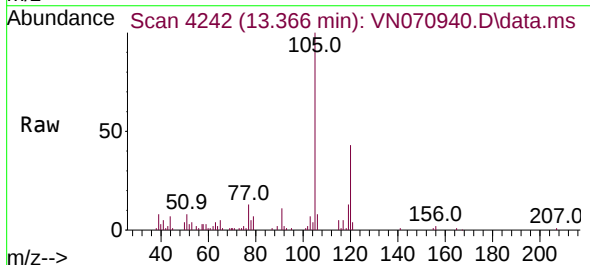
Instrument :
 MSVOA_N
 ClientSampleId :
 31528DL2

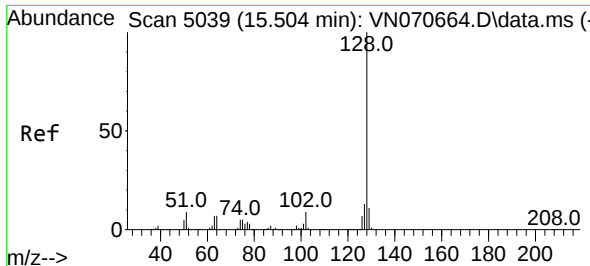
Tgt Ion:152 Resp: 556718
 Ion Ratio Lower Upper
 152 100
 115 61.0 27.5 82.5
 150 156.8 0.0 344.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.337 ug/l
 RT: 13.366 min Scan# 4242
 Delta R.T. -0.001 min
 Lab File: VN070940.D
 Acq: 3 Feb 2022 19:33

Tgt Ion:105 Resp: 51481
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.8 68.4

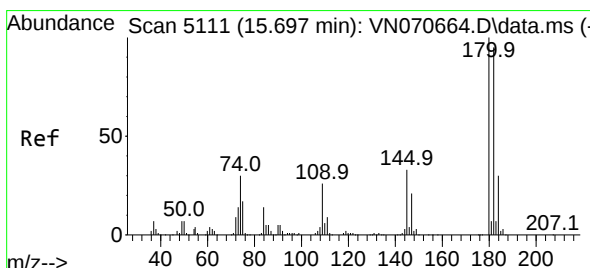
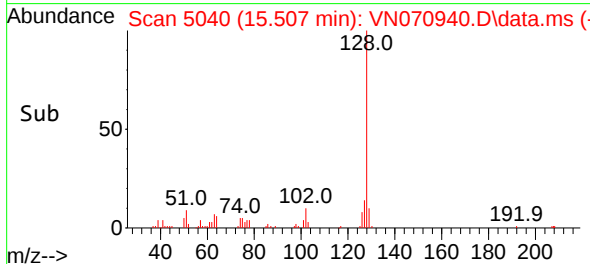
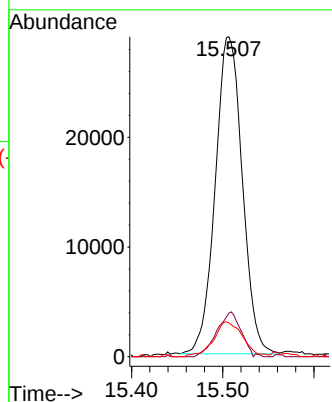
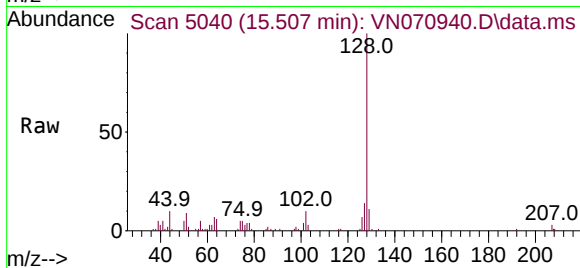




#95
Naphthalene
Concen: 5.443 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Instrument :
MSVOA_N
ClientSampleId :
31528DL2

Tgt Ion:128	Resp:	59648
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.5 15.7
129	11.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.946 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070940.D
Acq: 3 Feb 2022 19:33

Tgt Ion:180	Resp:	12642
Ion Ratio	Lower	Upper
180	100	
182	92.7	47.4 142.2
145	38.7	15.0 45.1

