

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070942.D
 Acq On : 3 Feb 2022 20:24
 Operator : JC/MD
 Sample : N1342-03DL2 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31524DL2

Quant Time: Feb 04 07:36:43 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)

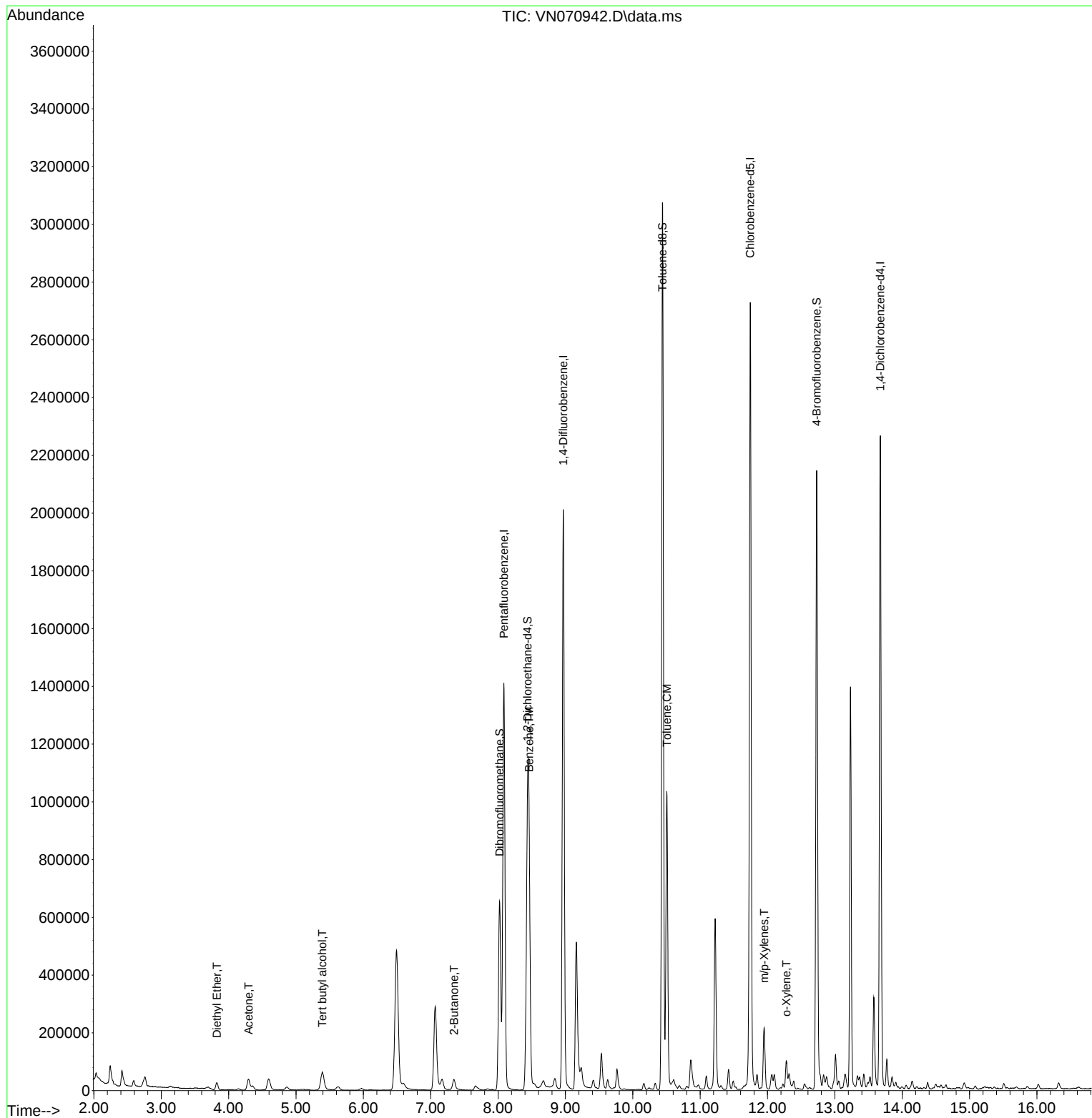
Internal Standards						
1) Pentafluorobenzene	8.086	168	1096356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1724582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1540117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	624604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	668443	45.042	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.080%		
35) Dibromofluoromethane	8.021	113	489793	47.409	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.820%		
50) Toluene-d8	10.440	98	2093724	49.358	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.731	95	729901	47.755	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.500%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.827	74	13407	1.613	ug/l	84
11) Tert butyl alcohol	5.390	59	68873	22.086	ug/l #	80
16) Acetone	4.296	43	70885	7.988	ug/l	99
25) 2-Butanone	7.348	43	61078	4.768	ug/l #	89
40) Benzene	8.461	78	691790	13.120	ug/l	99
52) Toluene	10.505	92	450104	13.777	ug/l	98
68) m/p-Xylenes	11.950	106	68069	3.126	ug/l	93
69) o-Xylene	12.280	106	25132	1.153	ug/l	89

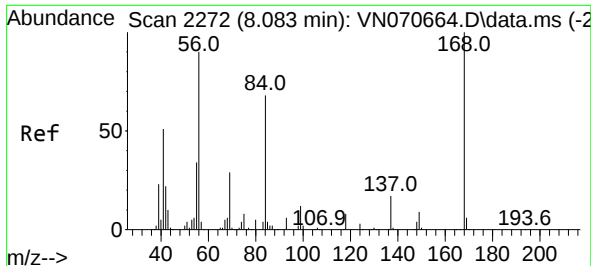
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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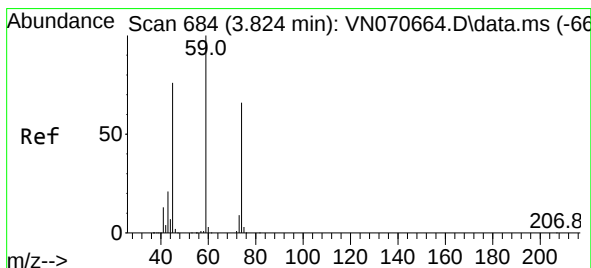
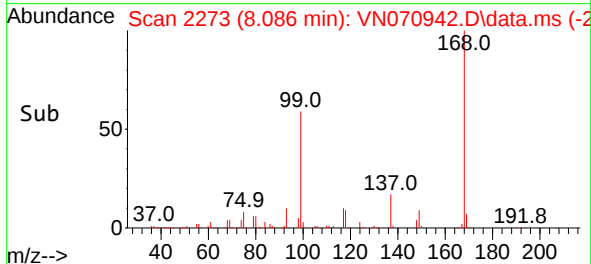
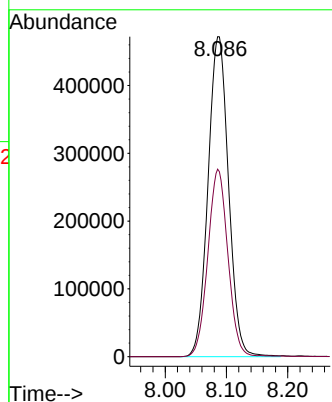
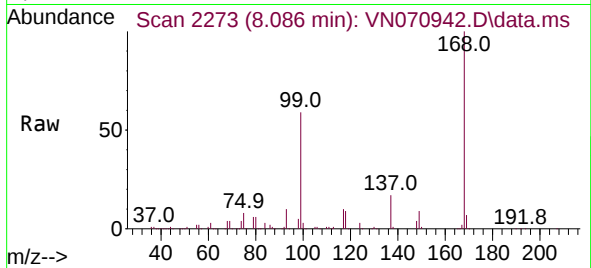




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

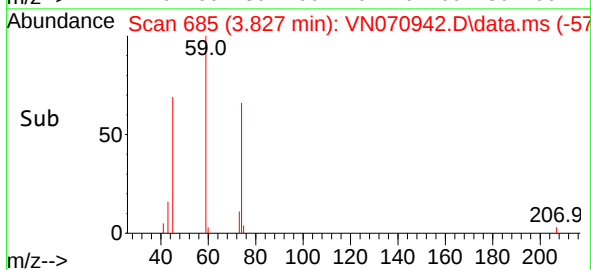
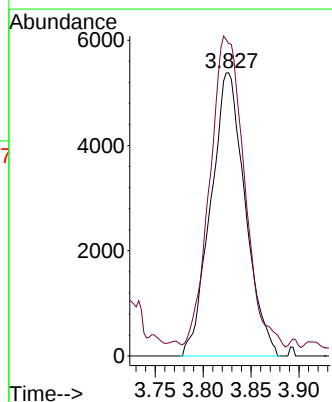
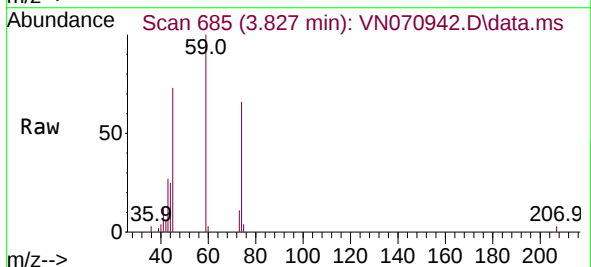
Instrument :
MSVOA_N
ClientSampleId :
31524DL2

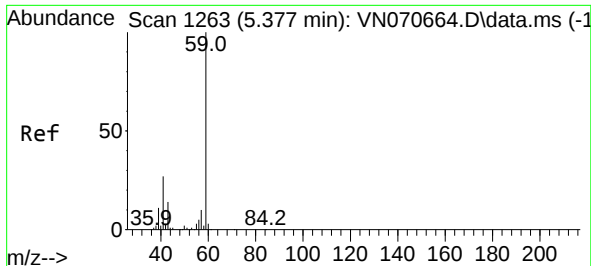
Tgt Ion:168 Resp: 1096356
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#8
Diethyl Ether
Concen: 1.613 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Tgt Ion: 74 Resp: 13407
Ion Ratio Lower Upper
74 100
45 109.6 47.0 141.2





#11

Tert butyl alcohol

Concen: 22.086 ug/l

RT: 5.390 min Scan# 11

Delta R.T. 0.008 min

Lab File: VN070942.D

Acq: 3 Feb 2022 20:24

Instrument :

MSVOA_N

ClientSampleId :

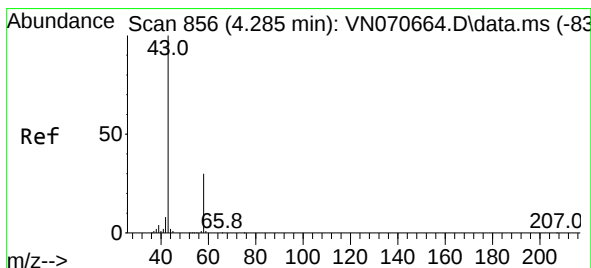
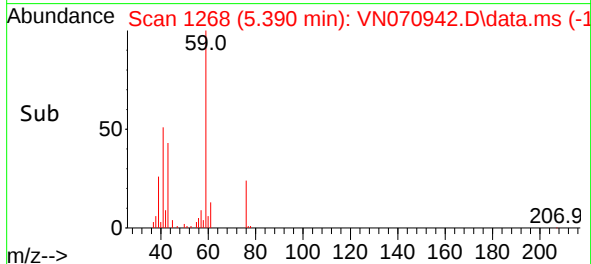
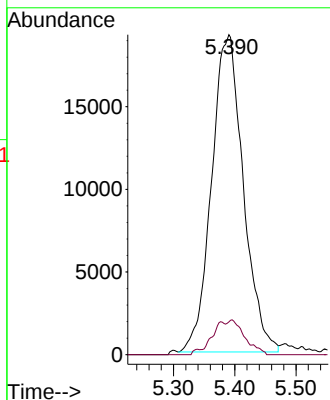
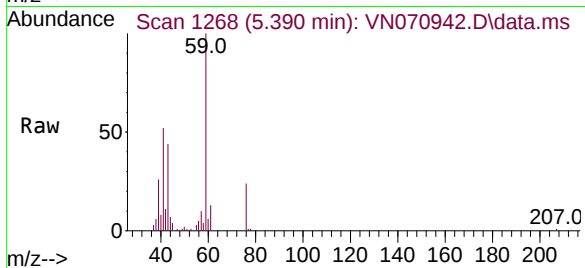
31524DL2

Tgt Ion: 59 Resp: 68873

Ion Ratio Lower Upper

59 100

57 3.4 8.7 13.1#



#16

Acetone

Concen: 7.988 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070942.D

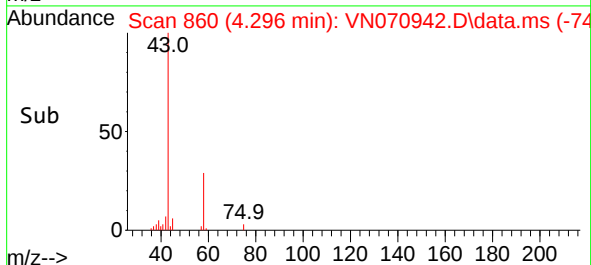
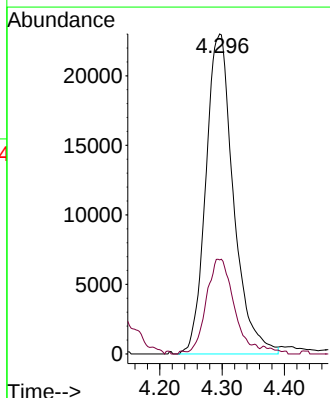
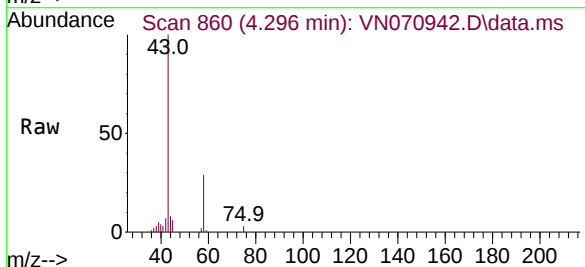
Acq: 3 Feb 2022 20:24

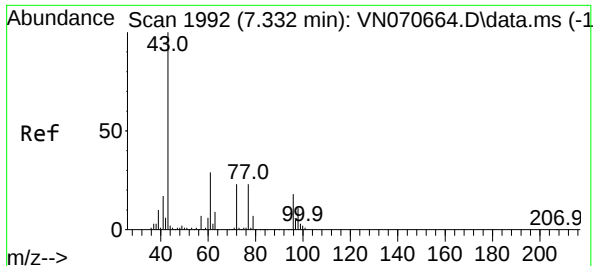
Tgt Ion: 43 Resp: 70885

Ion Ratio Lower Upper

43 100

58 29.4 23.1 34.7





#25

2-Butanone

Concen: 4.768 ug/l

RT: 7.348 min Scan# 1992

Delta R.T. 0.013 min

Lab File: VN070942.D

Acq: 3 Feb 2022 20:24

Instrument :

MSVOA_N

ClientSampleId :

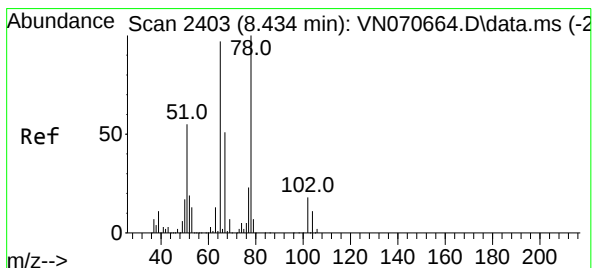
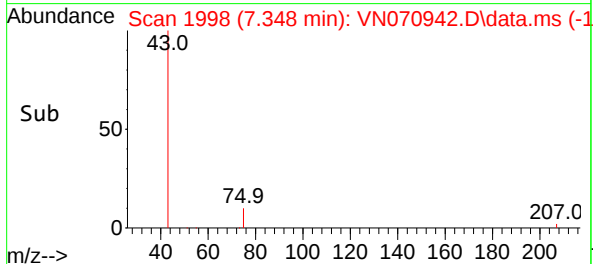
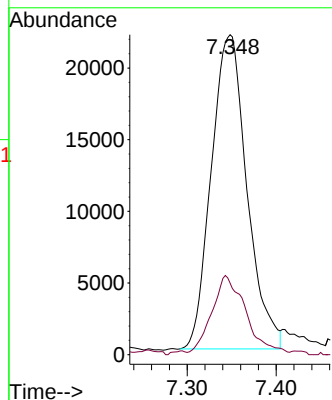
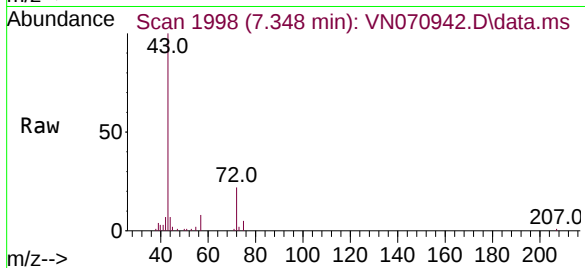
31524DL2

Tgt Ion: 43 Resp: 61078

Ion Ratio Lower Upper

43 100

72 21.6 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 45.042 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070942.D

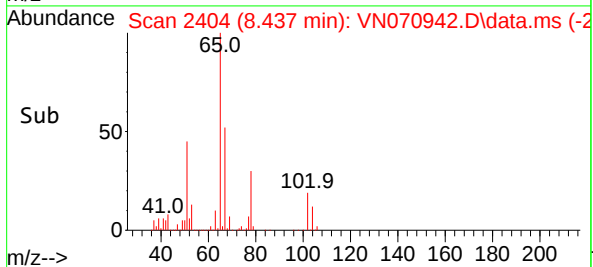
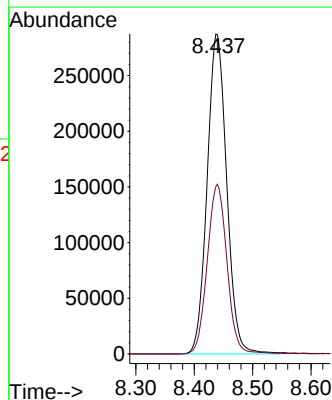
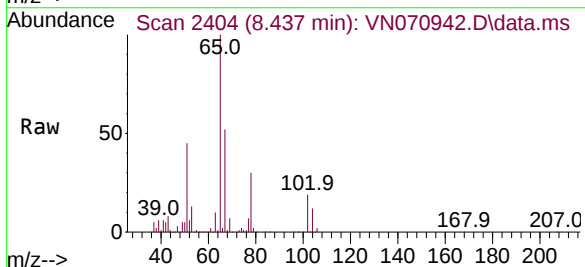
Acq: 3 Feb 2022 20:24

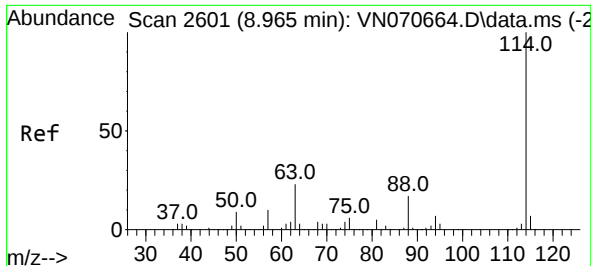
Tgt Ion: 65 Resp: 668443

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070942.D

Acq: 3 Feb 2022 20:24

Instrument :

MSVOA_N

ClientSampleId :

31524DL2

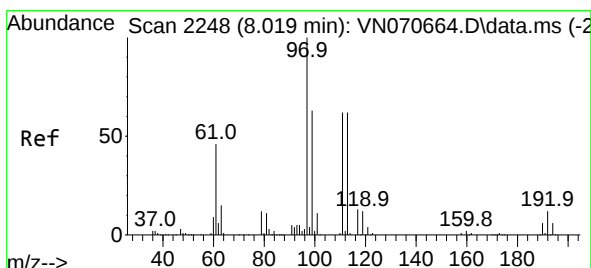
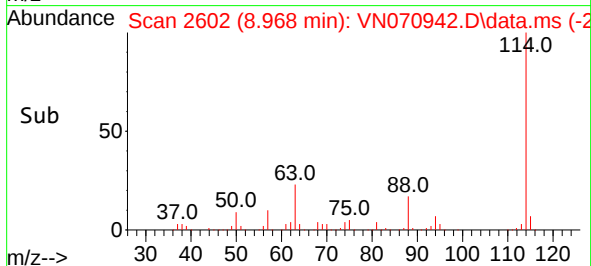
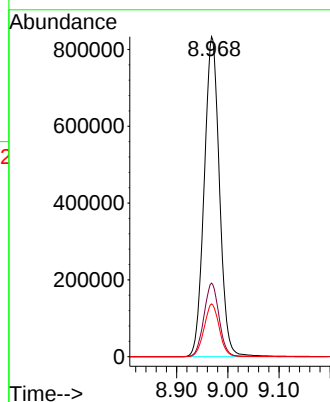
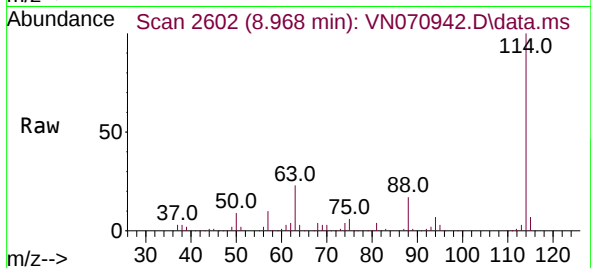
Tgt Ion:114 Resp: 1724582

Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.409 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070942.D

Acq: 3 Feb 2022 20:24

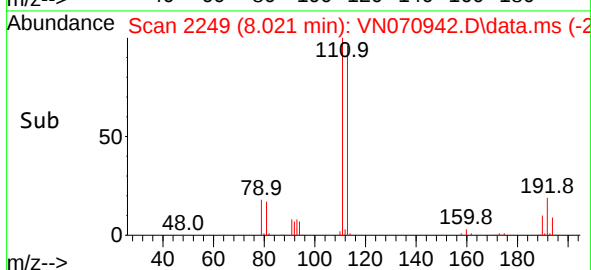
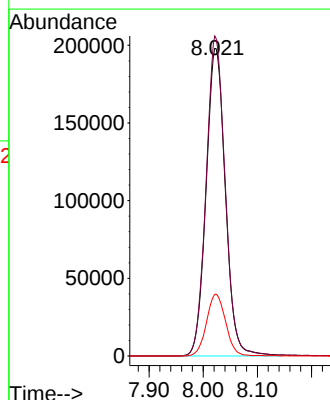
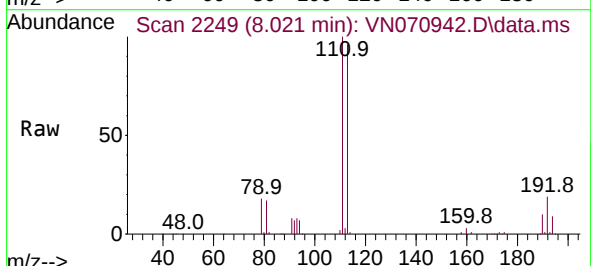
Tgt Ion:113 Resp: 489793

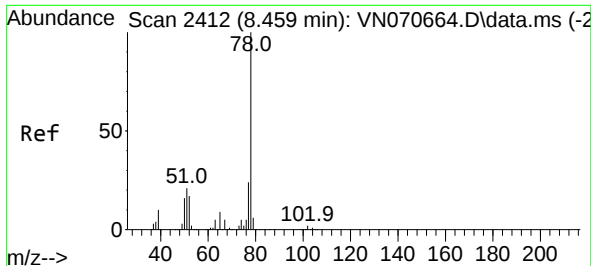
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.9 16.9 25.3

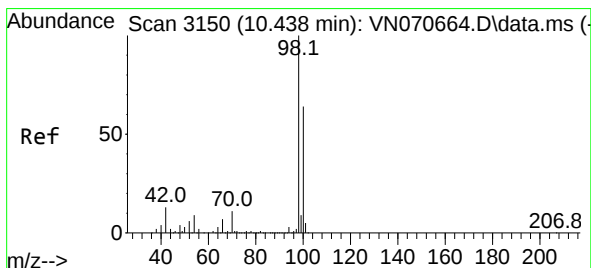
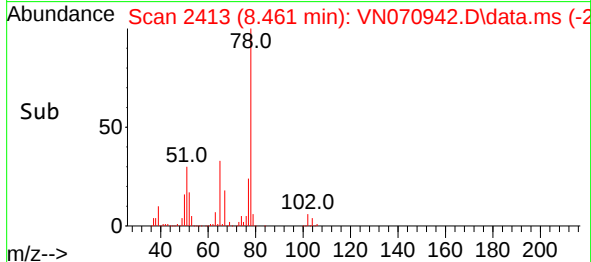
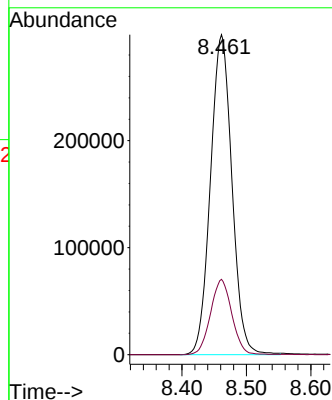
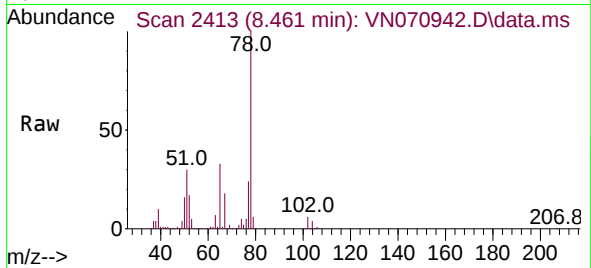




#40
Benzene
Concen: 13.120 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

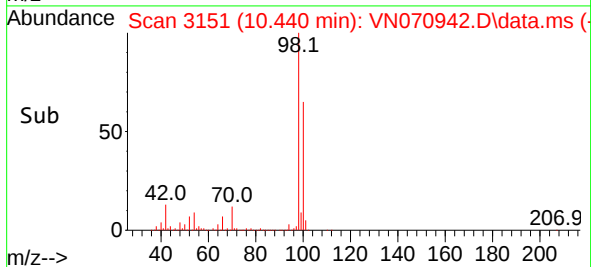
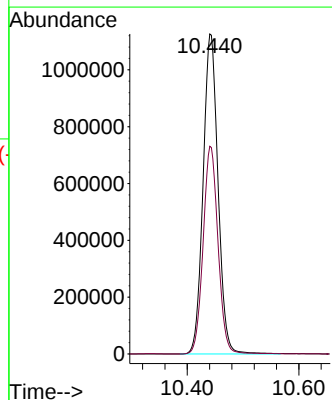
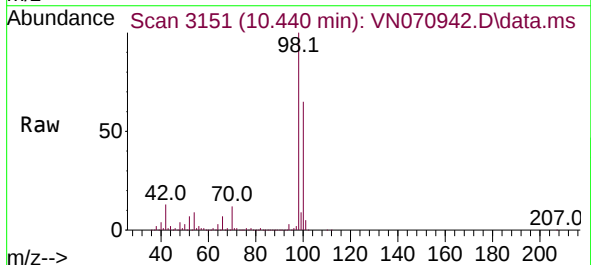
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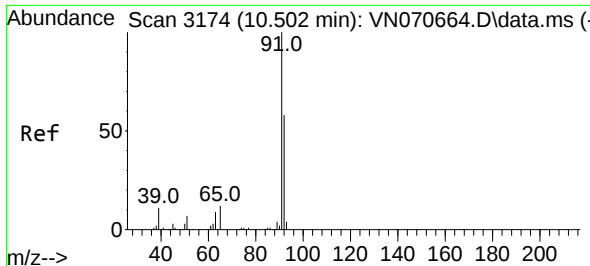
Tgt Ion: 78 Resp: 691790
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



#50
Toluene-d8
Concen: 49.358 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Tgt Ion: 98 Resp: 2093724
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

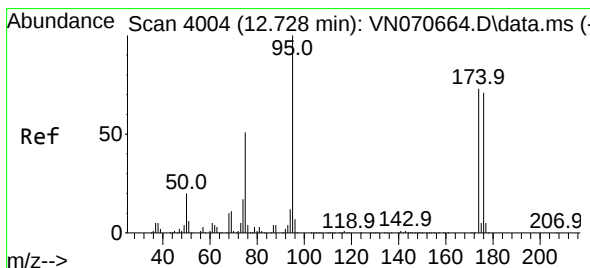
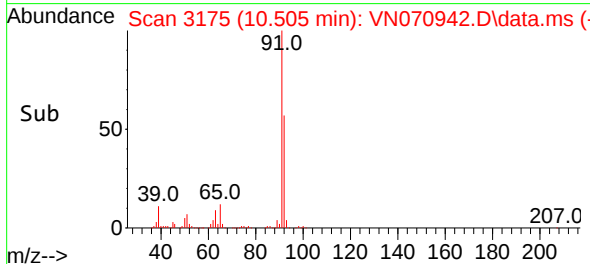
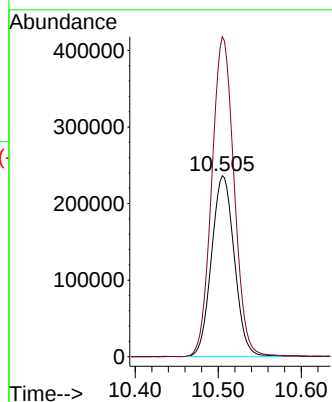
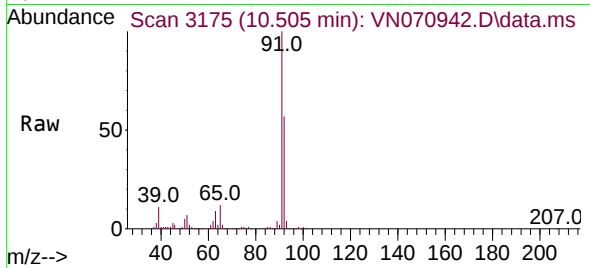




#52
Toluene
Concen: 13.777 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

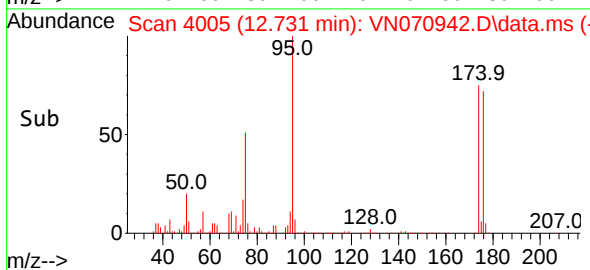
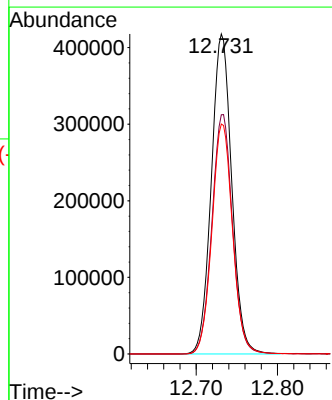
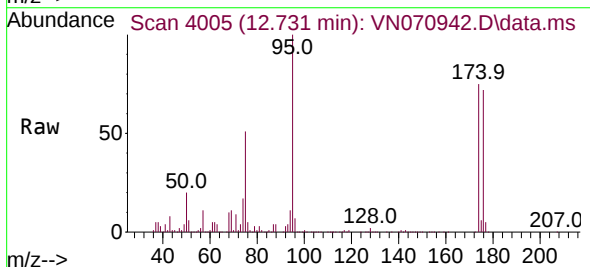
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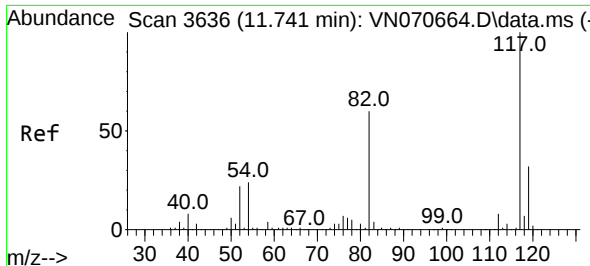
Tgt Ion: 92 Resp: 450104
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 47.755 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Tgt Ion: 95 Resp: 729901
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.8 0.0 181.4

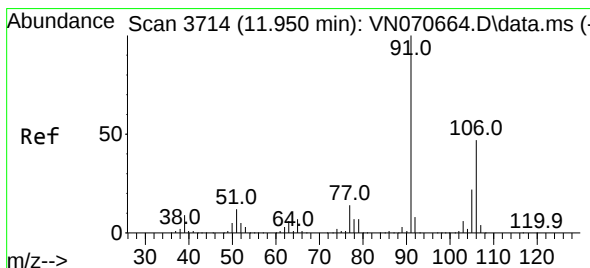
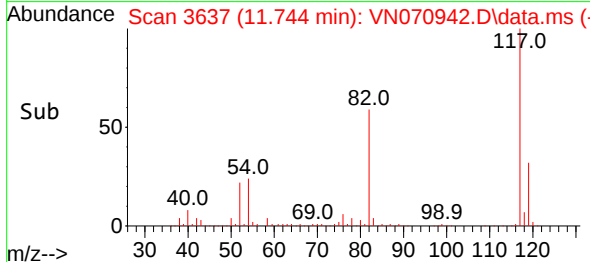
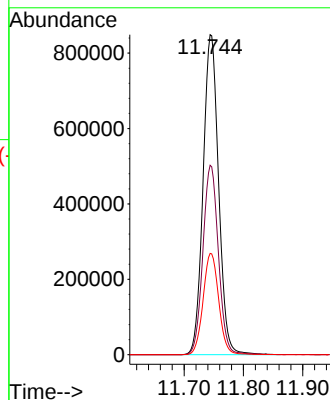
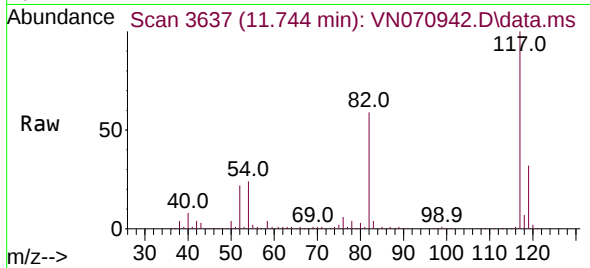




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

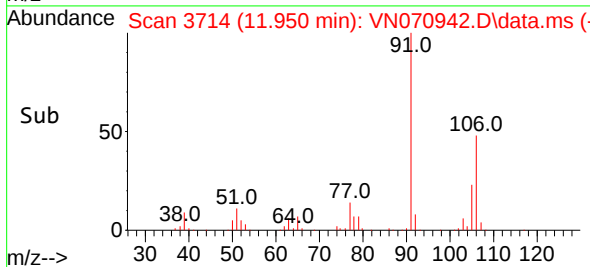
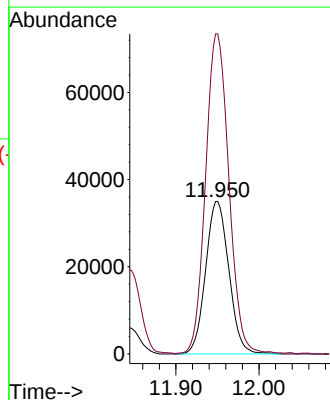
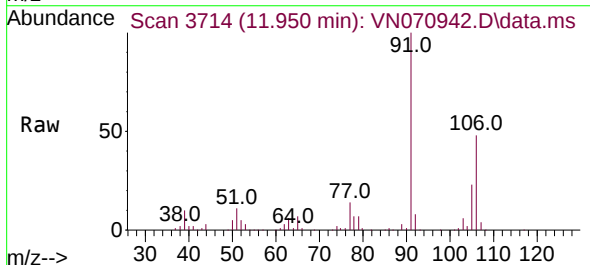
Instrument :
MSVOA_N
ClientSampleId :
31524DL2

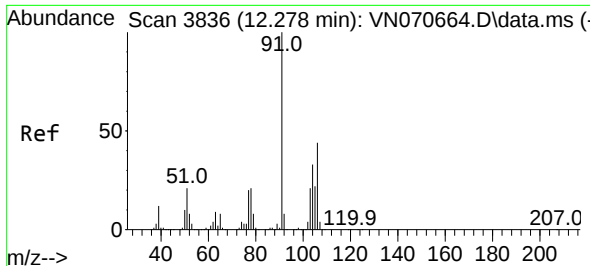
Tgt Ion:117 Resp: 1540117
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 3.126 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Tgt Ion:106 Resp: 68069
Ion Ratio Lower Upper
106 100
91 210.6 160.6 240.8

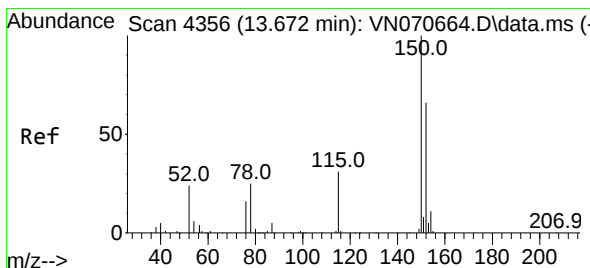
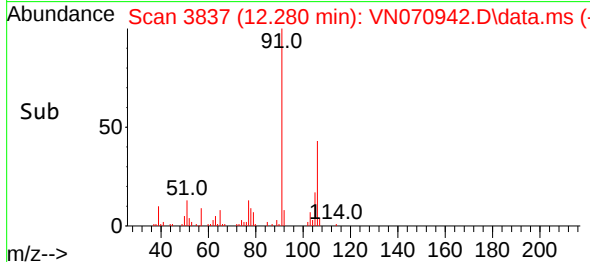
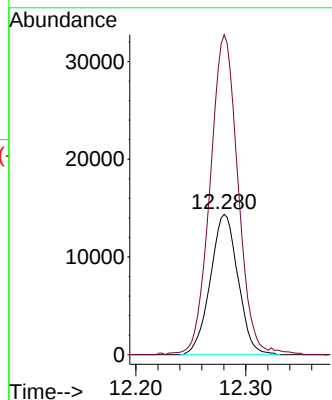
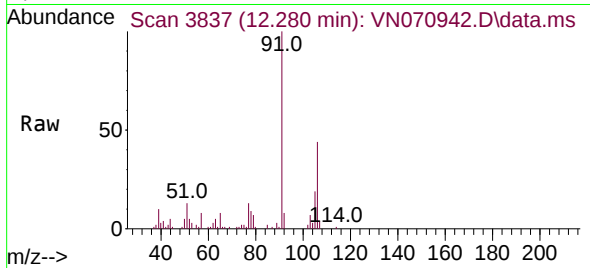




#69
o-Xylene
Concen: 1.153 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.000 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Instrument :
MSVOA_N
ClientSampleId :
31524DL2

Tgt Ion:106 Resp: 25132
Ion Ratio Lower Upper
106 100
91 228.4 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070942.D
Acq: 3 Feb 2022 20:24

Tgt Ion:152 Resp: 624604
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.1 0.0 344.4

