

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073050.D
 Acq On : 23 Jun 2022 15:51
 Operator : JC\MD
 Sample : N3381-15DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34DL

Quant Time: Jun 24 01:19:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

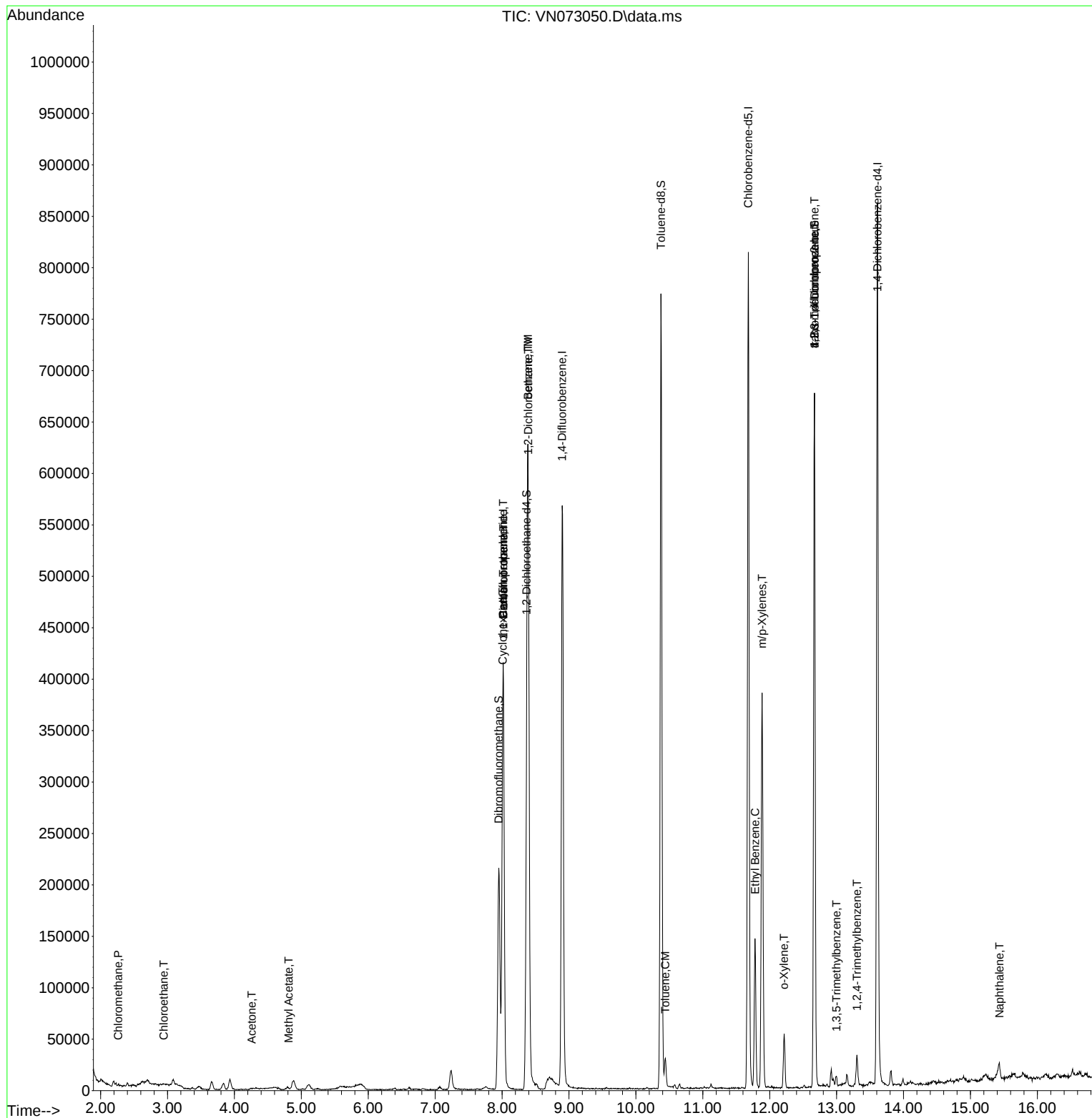
Internal Standards						
1) Pentafluorobenzene	8.016	168	317585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	510357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	224658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	191087	44.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.000%		
35) Dibromofluoromethane	7.951	113	159781	50.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	10.374	98	524000	44.642	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.280%		
62) 4-Bromofluorobenzene	12.668	95	233577	55.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.680%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	802	0.813	ug/l	91
6) Chloroethane	2.946	64	422	0.249	ug/l	100
16) Acetone	4.257	43	2167	0.918	ug/l #	42
18) Methyl Acetate	4.810	43	4013	0.638	ug/l #	89
20) Methylene Chloride	5.028	84	467	Below Cal	#	10
26) 2,2-Dichloropropane	7.234	77	908	Below Cal	#	53
31) Cyclohexane	8.010	56	8143	1.402	ug/l #	28
36) 1,1-Dichloropropene	8.022	75	25722	6.026	ug/l #	49
38) Carbon Tetrachloride	8.016	117	32861	7.319	ug/l #	17
40) Benzene	8.386	78	544397	40.583	ug/l	97
42) 1,2-Dichloroethane	8.392	62	5065	1.063	ug/l	77
52) Toluene	10.439	92	10937	1.328	ug/l	98
67) Ethyl Benzene	11.780	91	103972	6.551	ug/l	100
68) m/p-Xylenes	11.886	106	121687	19.547	ug/l	94
69) o-Xylene	12.216	106	13631	2.191	ug/l	90
76) 1,2,3-Trichloropropane	12.668	75	120467	22.117	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.998	105	4577	0.321	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.668	75	120467	59.730	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	17183	1.208	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.798	75	57	Below Cal	#	34
95) Naphthalene	15.433	128	12015	0.692	ug/l #	95

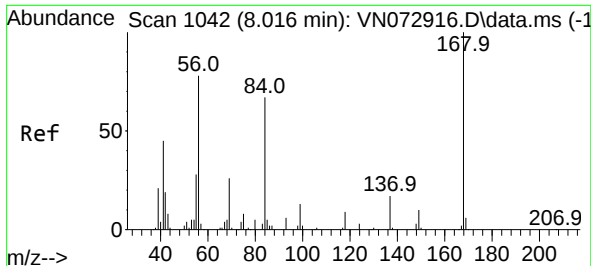
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

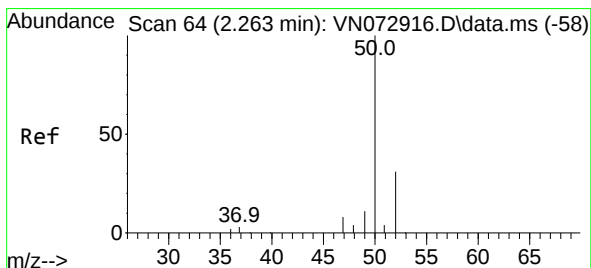
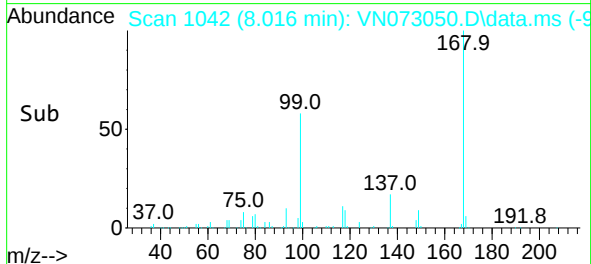
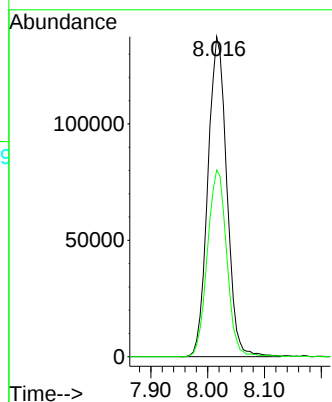
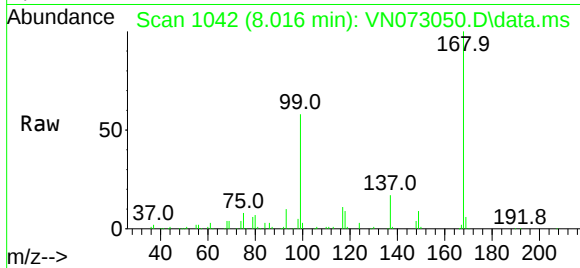




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

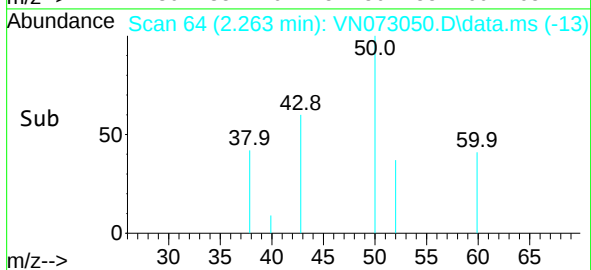
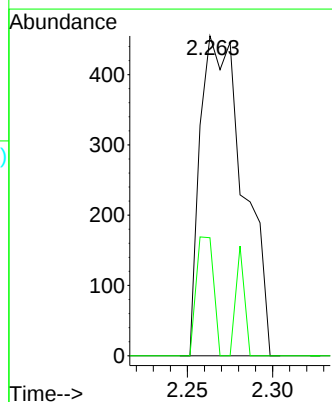
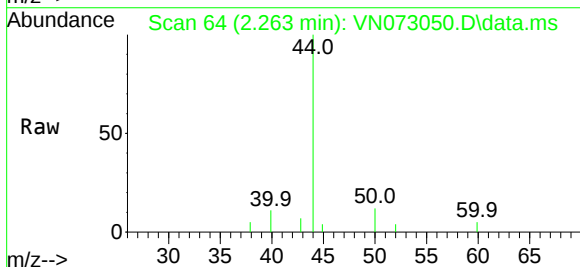
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

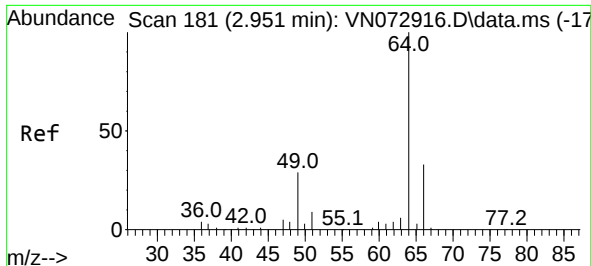
Tgt Ion:168 Resp: 317585
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#3
Chloromethane
Concen: 0.813 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 36.9 25.7 38.5

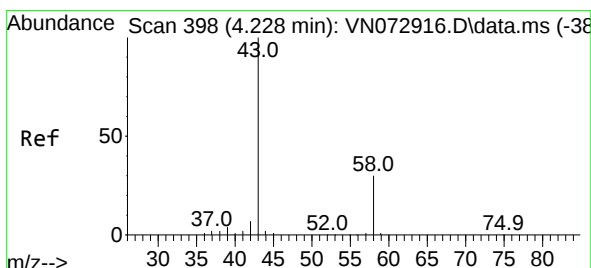
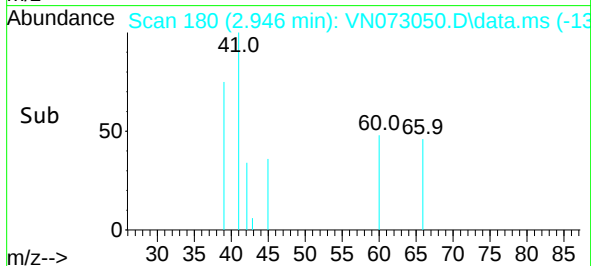
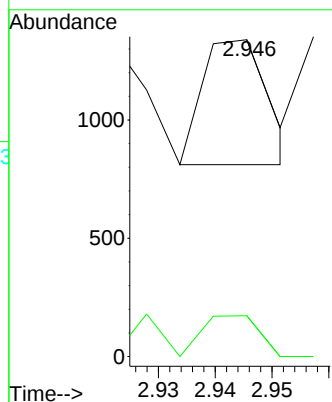
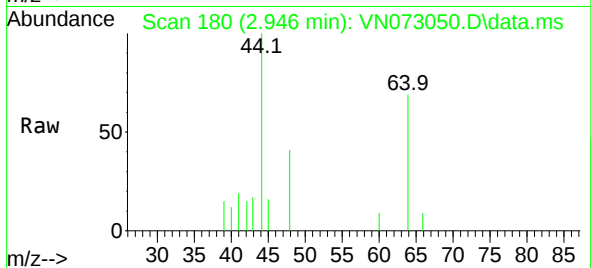




#6
Chloroethane
Concen: 0.249 ug/l
RT: 2.946 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

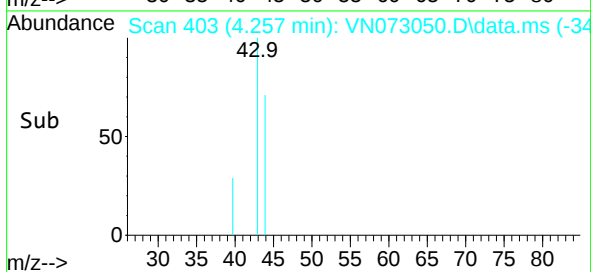
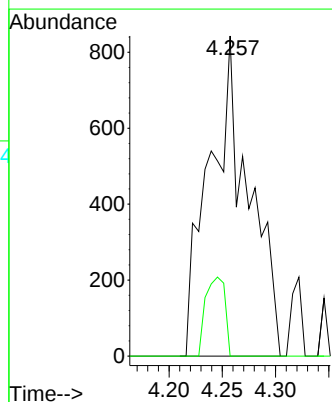
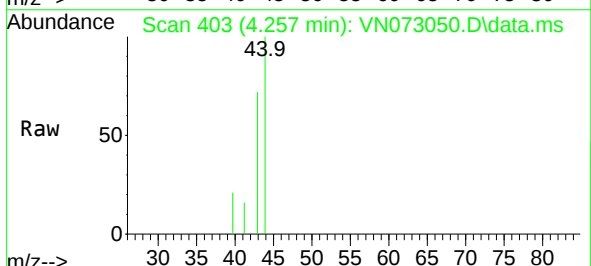
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

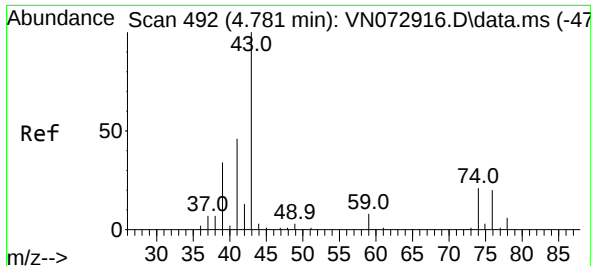
Tgt Ion: 64 Resp: 422
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4



#16
Acetone
Concen: 0.918 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

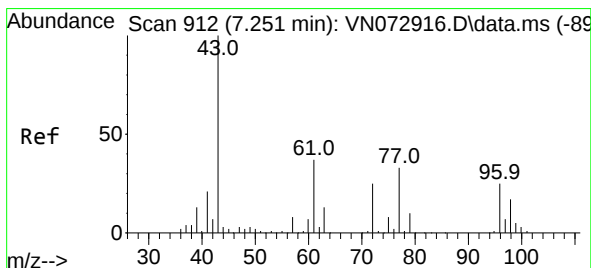
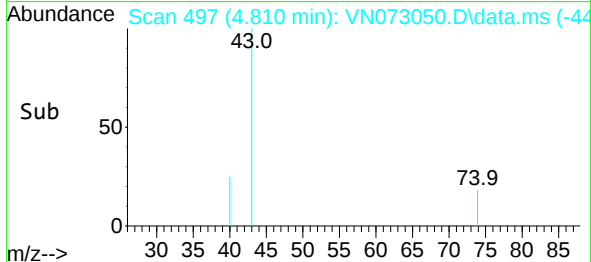
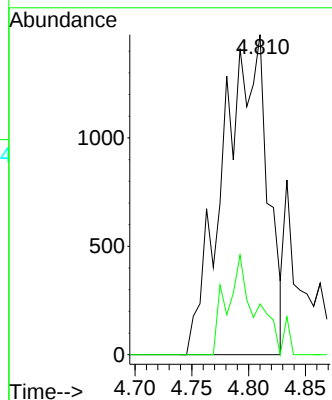
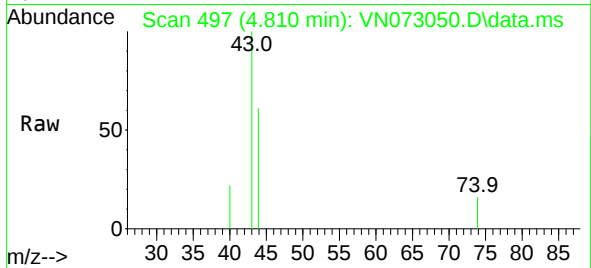




#18
Methyl Acetate
Concen: 0.638 ug/l
RT: 4.810 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

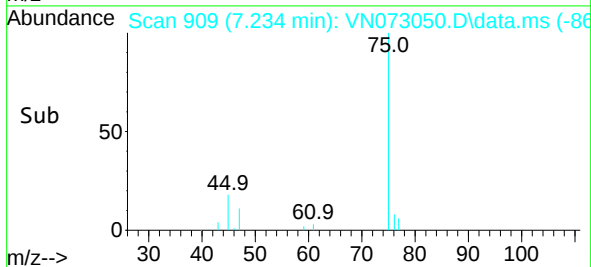
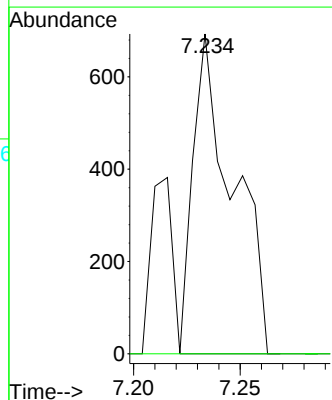
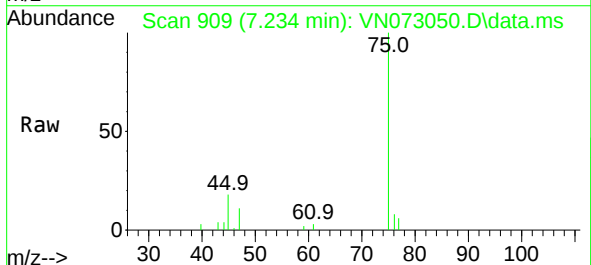
Instrument :
MSVOA_N
Client Sample Id :
MW-34DL

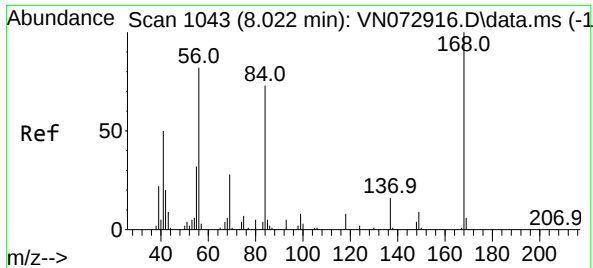
Tgt Ion: 43 Resp: 4013
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.234 min Scan# 909
Delta R.T. -0.018 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 77 Resp: 908
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

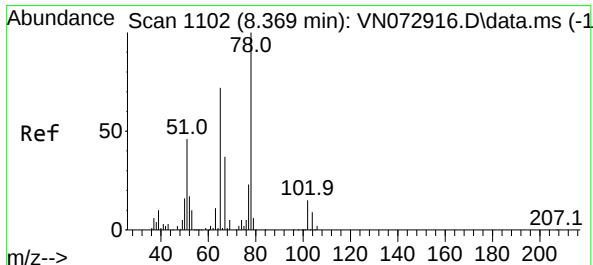
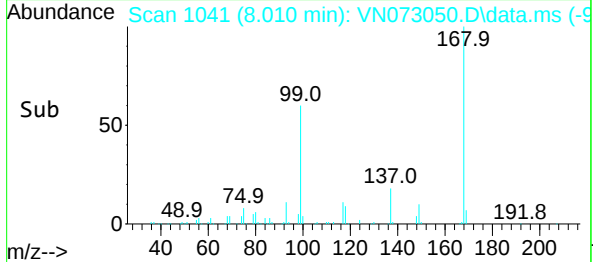
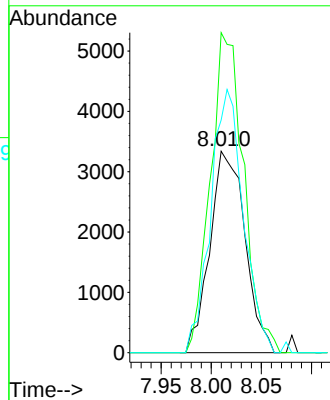
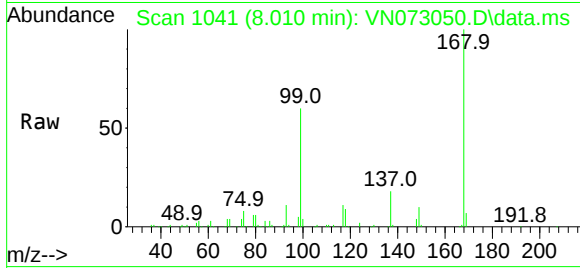




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 8.010 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

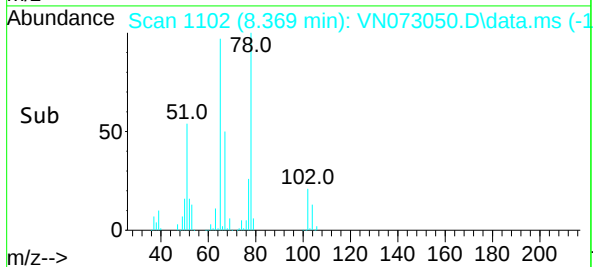
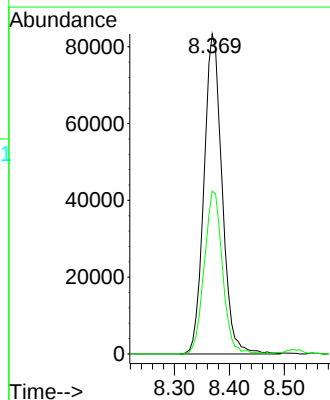
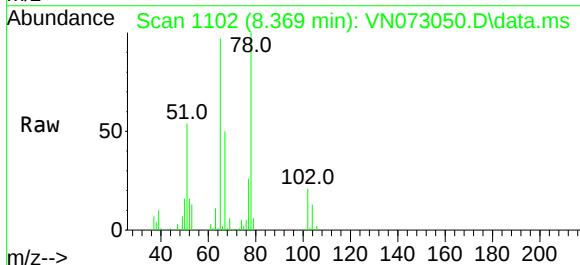
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

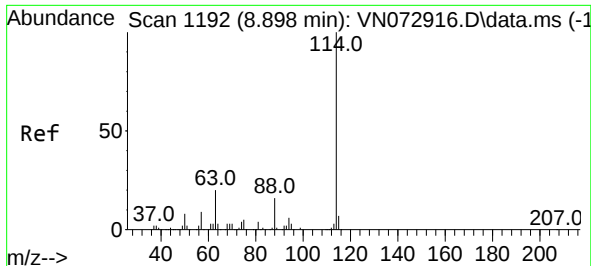
Tgt Ion: 56 Resp: 8143
Ion Ratio Lower Upper
56 100
69 158.9 27.8 41.8#
84 115.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.504 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 65 Resp: 191087
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

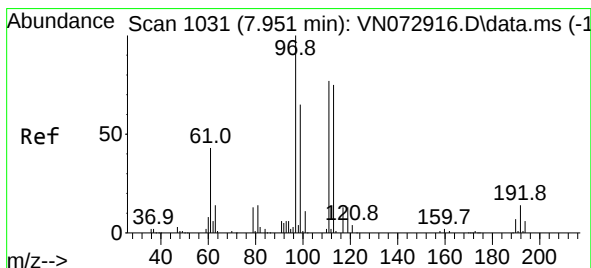
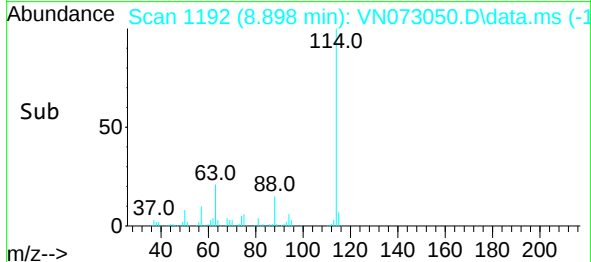
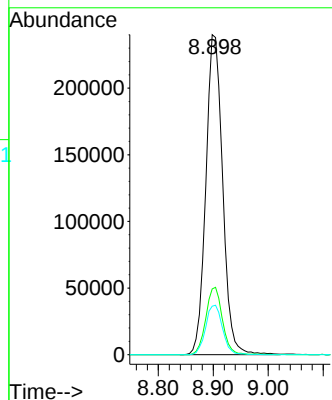
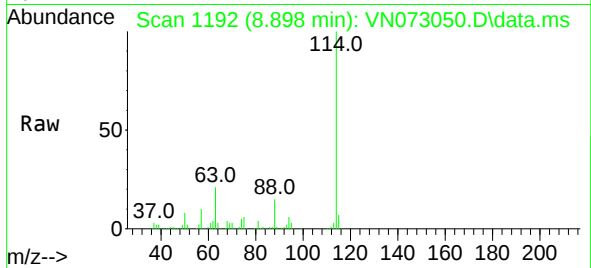




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

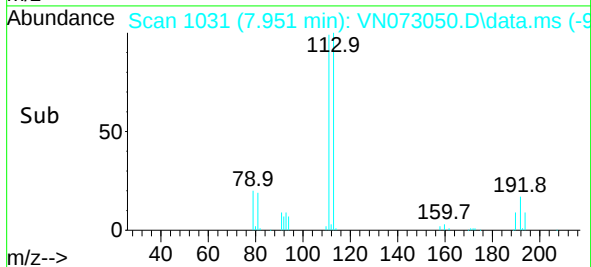
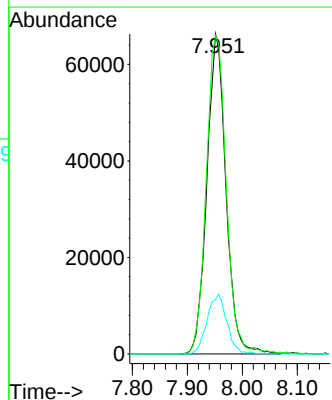
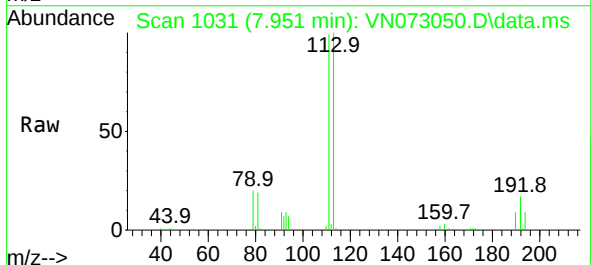
Instrument :
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ClientSampleId :
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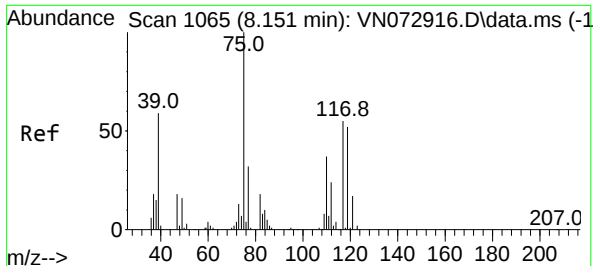
Tgt Ion:114 Resp: 510357
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.652 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion:113 Resp: 159781
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 19.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.026 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN073050.D

Acq: 23 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

MW-34DL

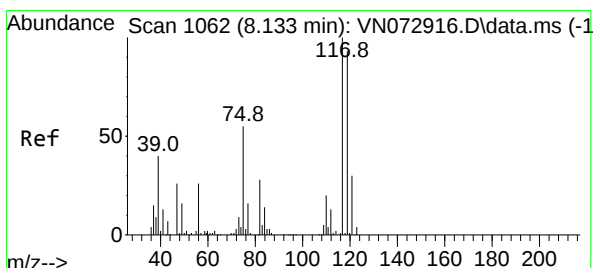
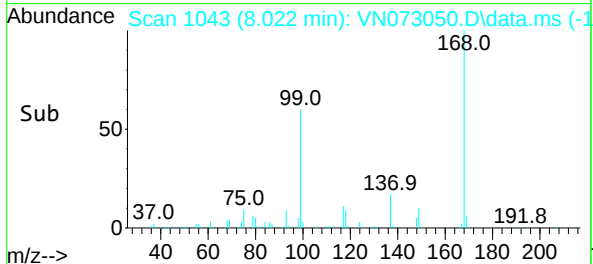
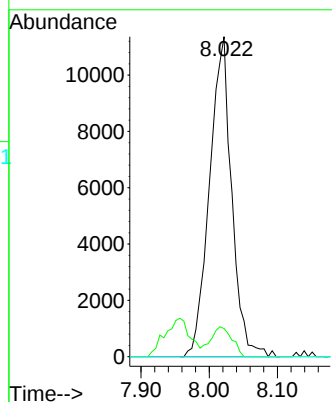
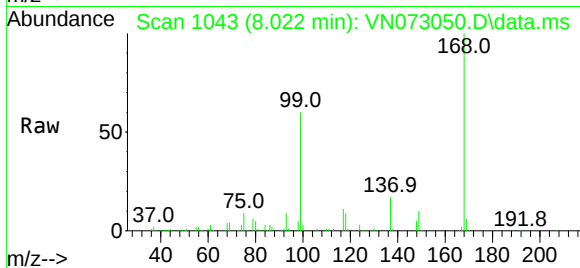
Tgt Ion: 75 Resp: 25722

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.319 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073050.D

Acq: 23 Jun 2022 15:51

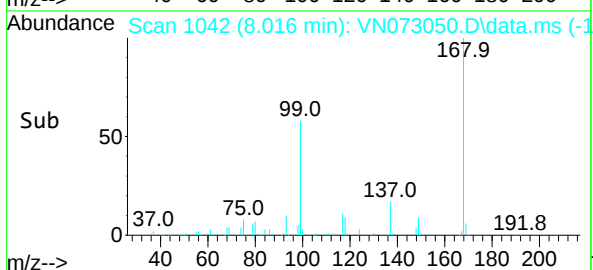
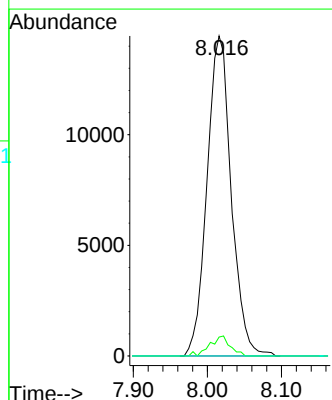
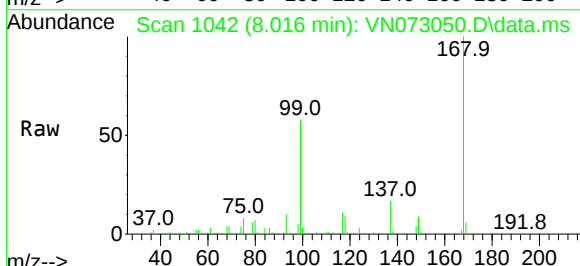
Tgt Ion: 117 Resp: 32861

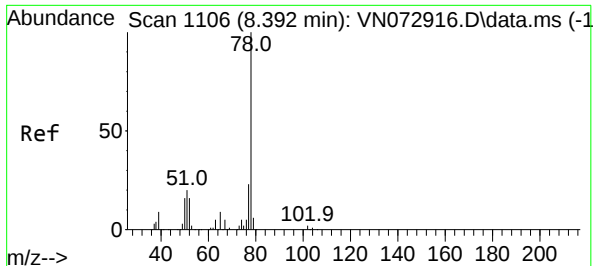
Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

121 0.0 24.6 37.0#





#40

Benzene

Concen: 40.583 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073050.D

Acq: 23 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

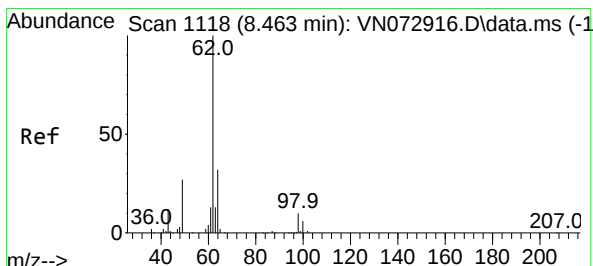
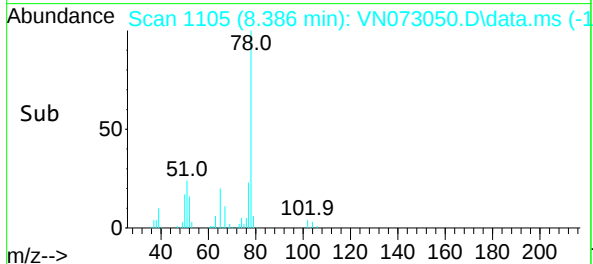
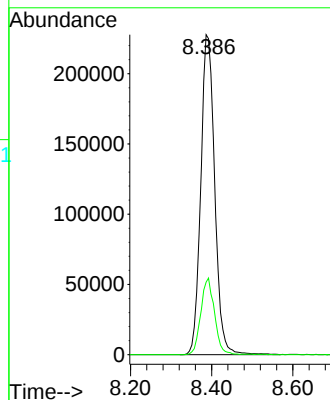
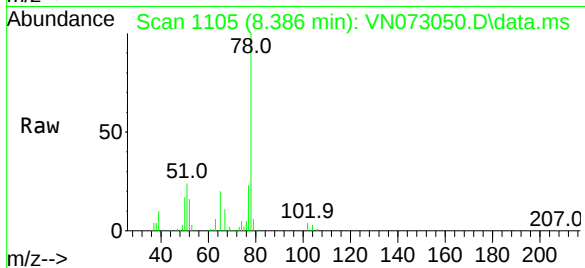
MW-34DL

Tgt Ion: 78 Resp: 544397

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0



#42

1,2-Dichloroethane

Concen: 1.063 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.071 min

Lab File: VN073050.D

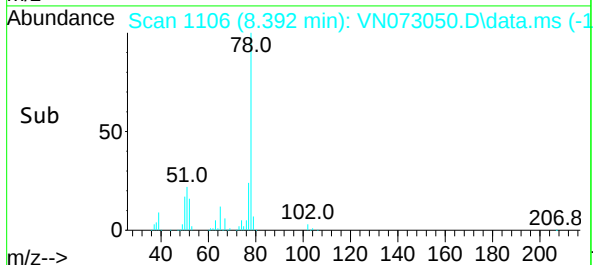
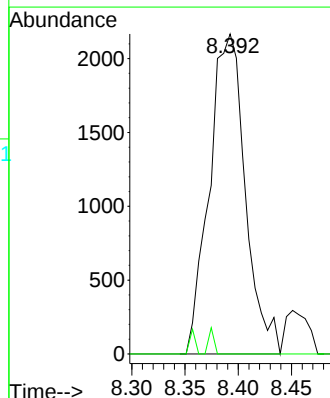
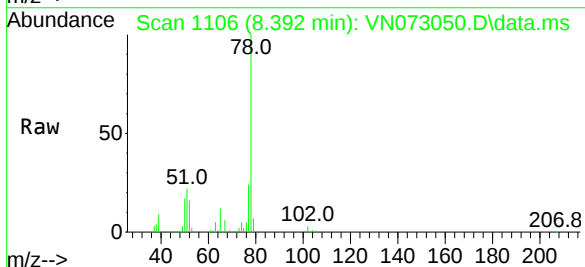
Acq: 23 Jun 2022 15:51

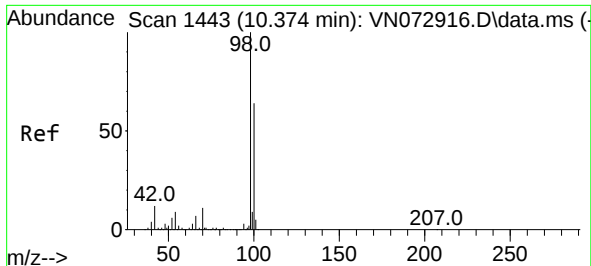
Tgt Ion: 62 Resp: 5065

Ion Ratio Lower Upper

62 100

98 1.2 0.0 19.4

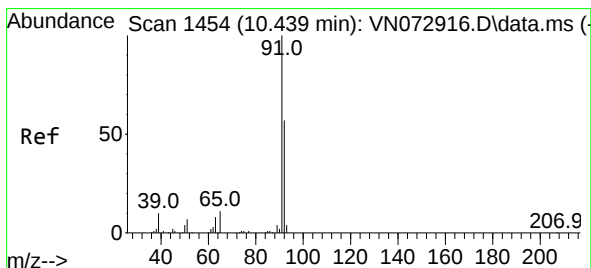
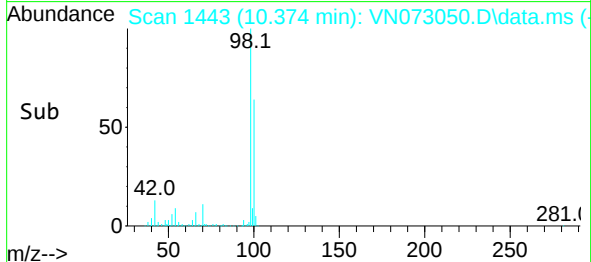
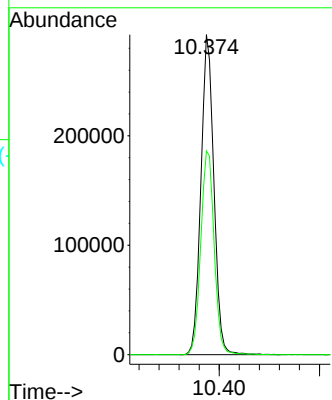
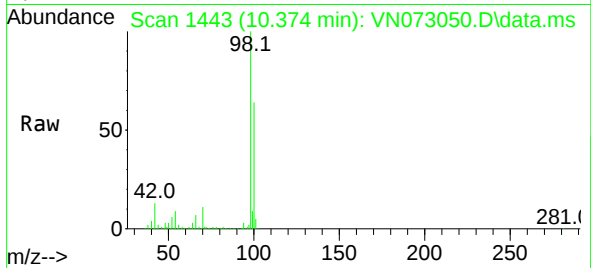




#50
Toluene-d8
Concen: 44.642 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

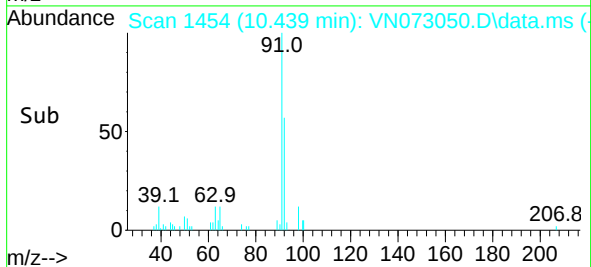
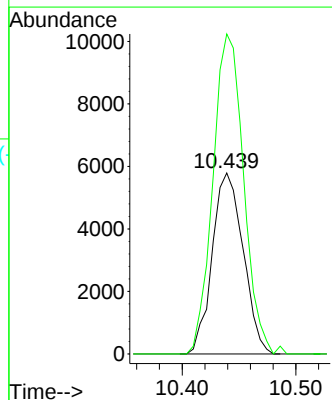
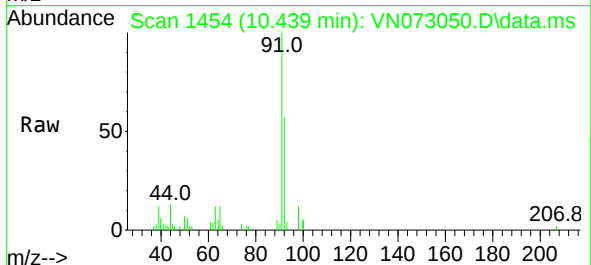
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

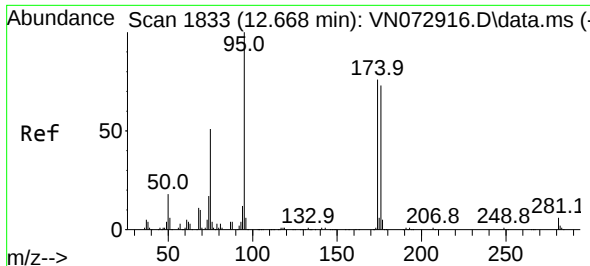
Tgt Ion: 98 Resp: 524000
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#52
Toluene
Concen: 1.328 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 92 Resp: 10937
Ion Ratio Lower Upper
92 100
91 176.1 138.6 207.8

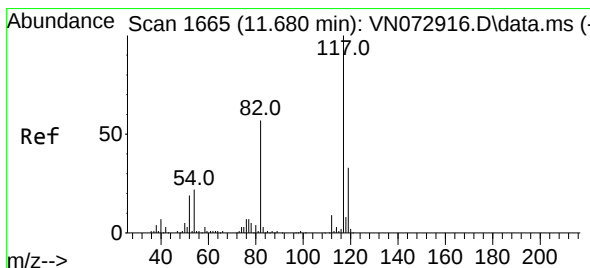
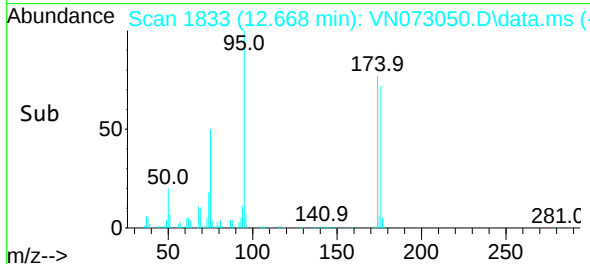
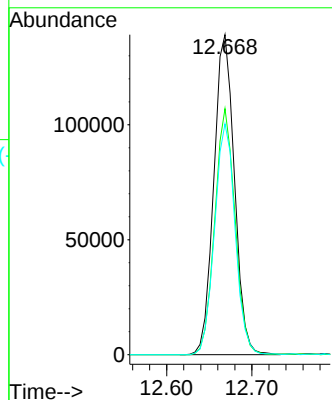
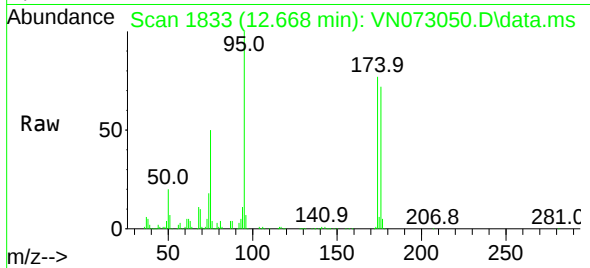




#62
4-Bromofluorobenzene
Concen: 55.340 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

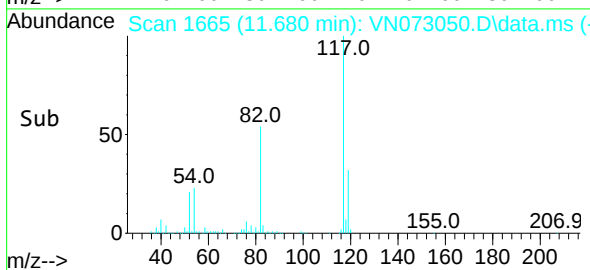
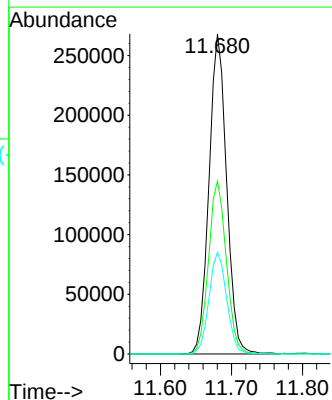
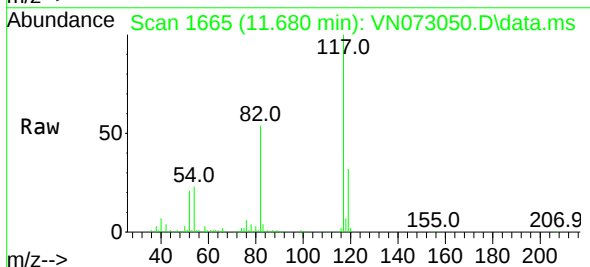
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

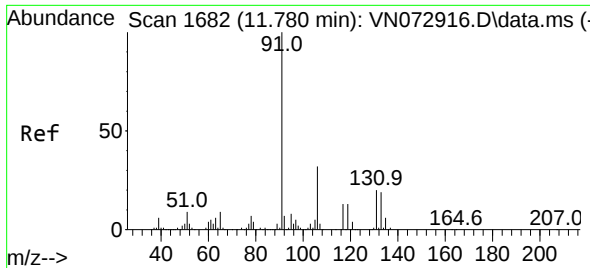
Tgt Ion: 95 Resp: 233577
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 72.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 117 Resp: 461680
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.7 25.4 38.0

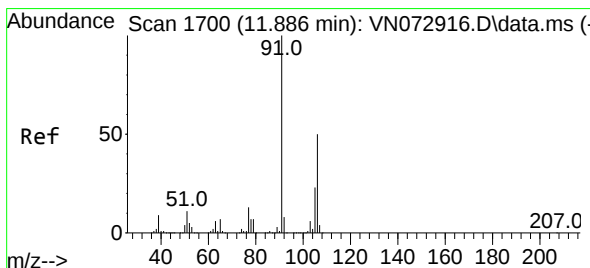
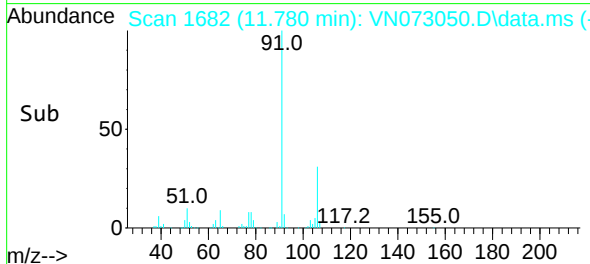
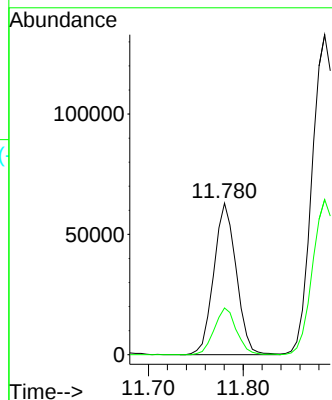
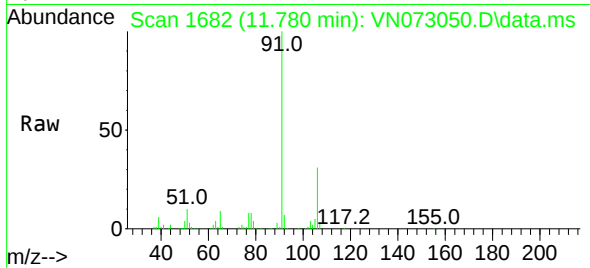




#67
Ethyl Benzene
Concen: 6.551 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

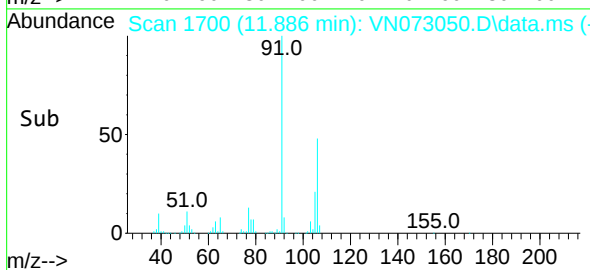
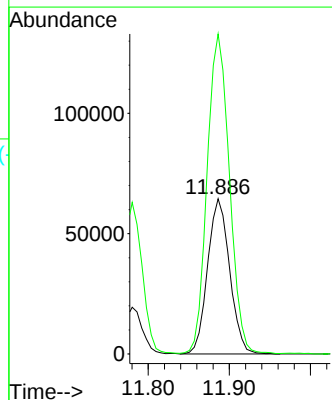
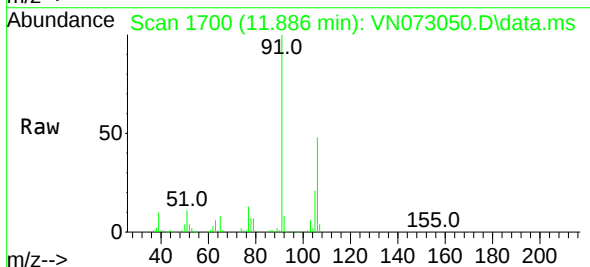
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

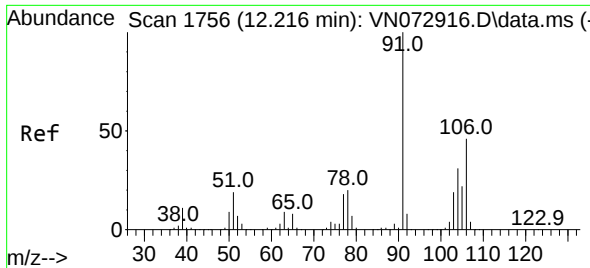
Tgt Ion: 91 Resp: 103972
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 19.547 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 106 Resp: 121687
Ion Ratio Lower Upper
106 100
91 207.6 158.9 238.3

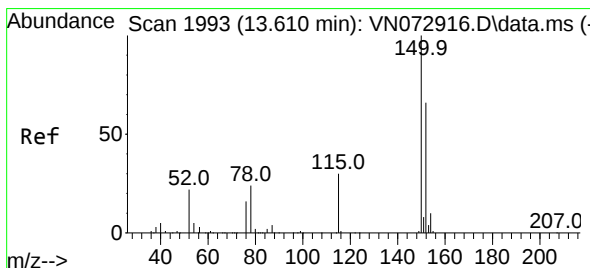
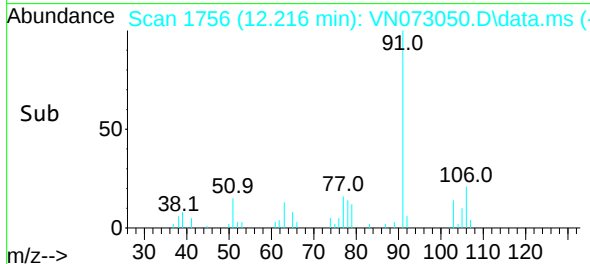
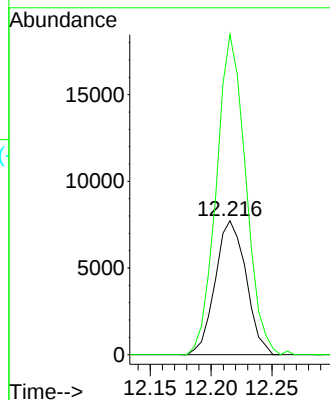
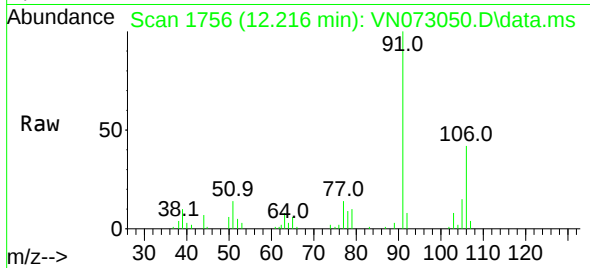




#69
o-Xylene
Concen: 2.191 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

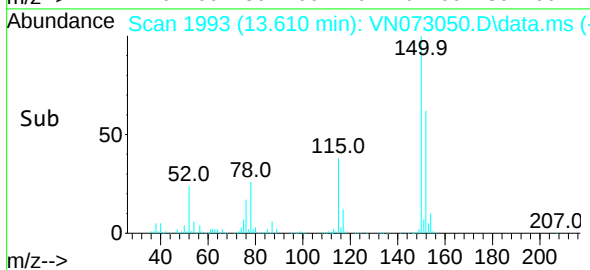
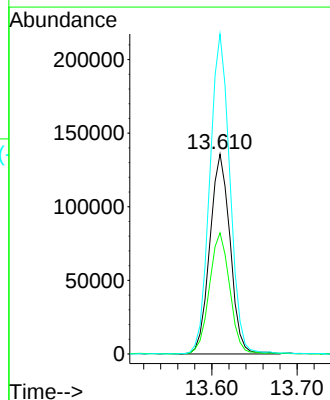
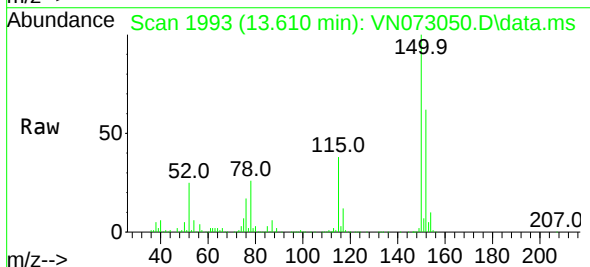
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

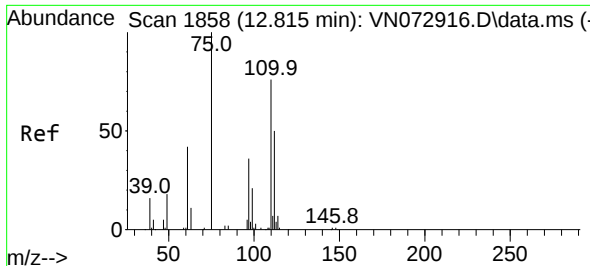
Tgt Ion:106 Resp: 13631
Ion Ratio Lower Upper
106 100
91 227.6 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion:152 Resp: 224658
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 159.2 0.0 356.2

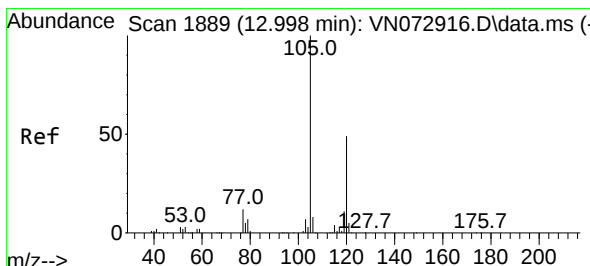
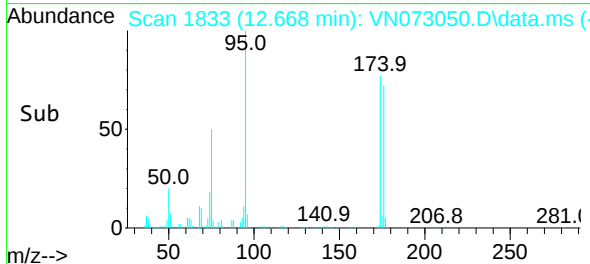
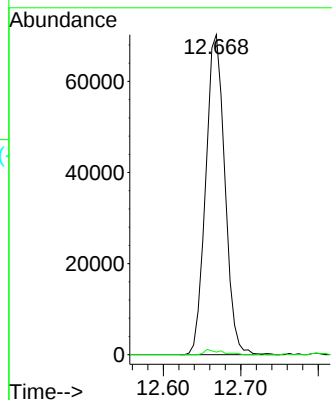
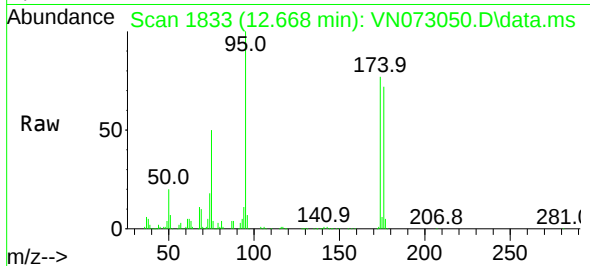




#76
 1,2,3-Trichloropropane
 Concen: 22.117 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073050.D
 Acq: 23 Jun 2022 15:51

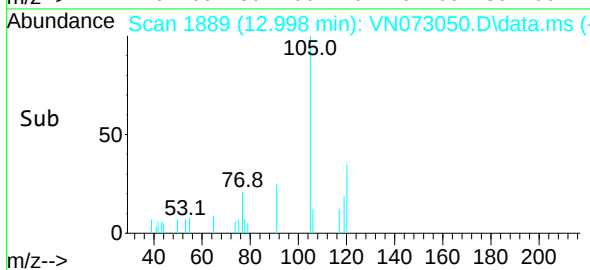
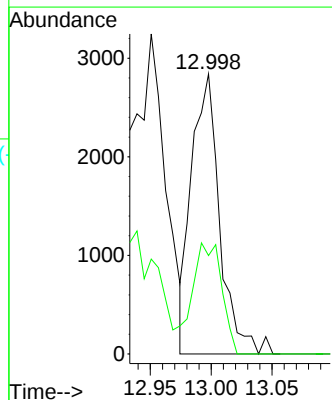
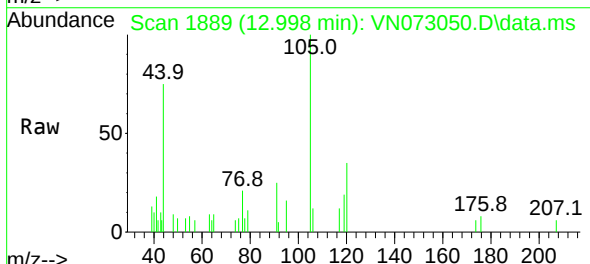
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34DL

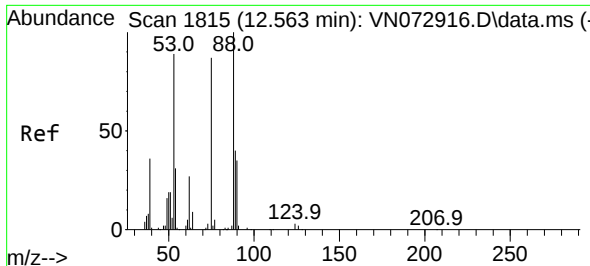
Tgt Ion: 75 Resp: 120467
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.321 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073050.D
 Acq: 23 Jun 2022 15:51

Tgt Ion: 105 Resp: 4577
 Ion Ratio Lower Upper
 105 100
 120 40.0 24.9 74.7

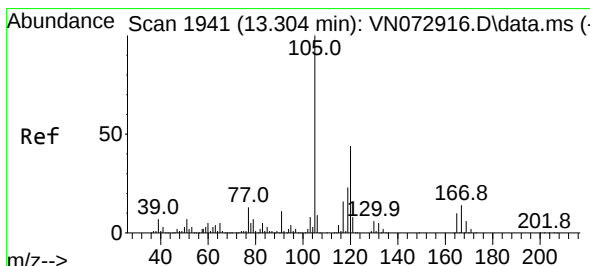
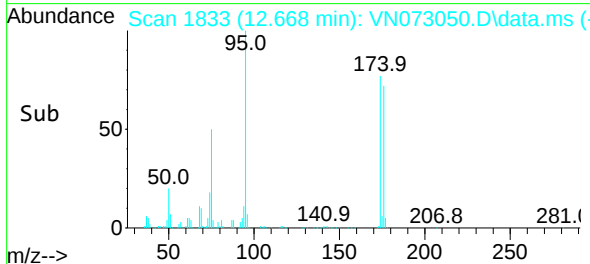
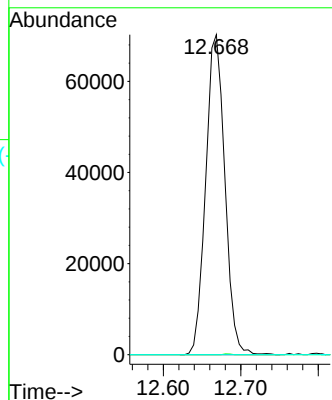
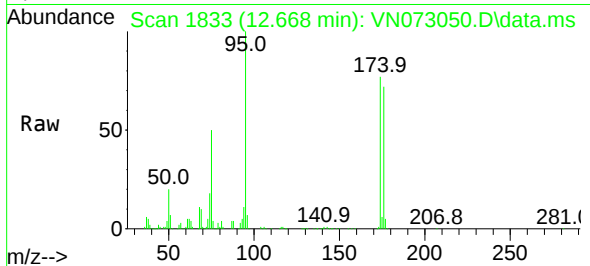




#81
trans-1,4-Dichloro-2-butene
Concen: 59.730 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

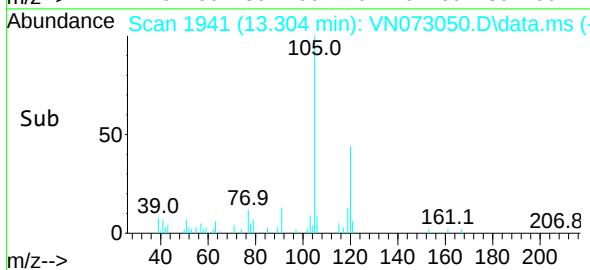
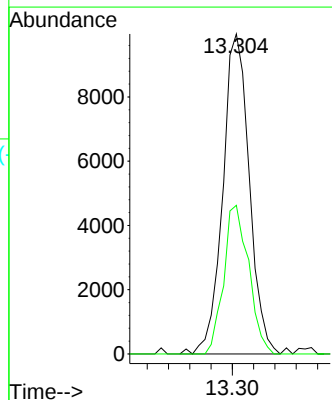
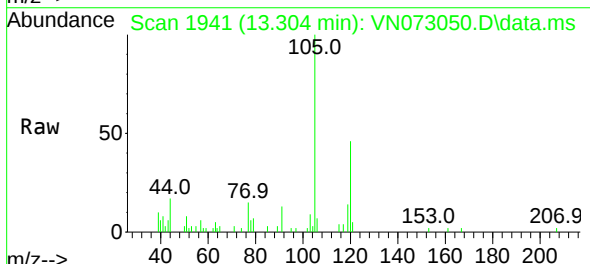
Instrument :
MSVOA_N
ClientSampleId :
MW-34DL

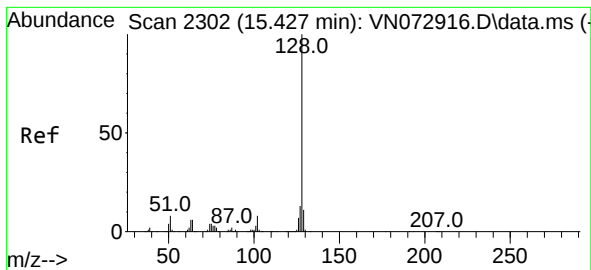
Tgt Ion: 75 Resp: 120467
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.208 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073050.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 105 Resp: 17183
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8





#95

Naphthalene

Concen: 0.692 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073050.D

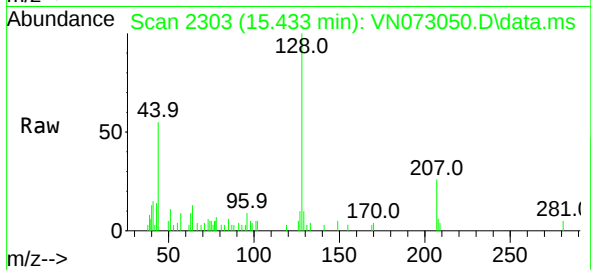
Acq: 23 Jun 2022 15:51

Instrument :

MSVOA_N

ClientSampleId :

MW-34DL



Tgt Ion:128 Resp: 12015

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 13.4 8.6 13.0#

