

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065740.D
 Acq On : 5 Feb 2021 16:07
 Operator : JC/MD
 Sample : M1316-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES-COMP

Quant Time: Feb 05 22:49:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

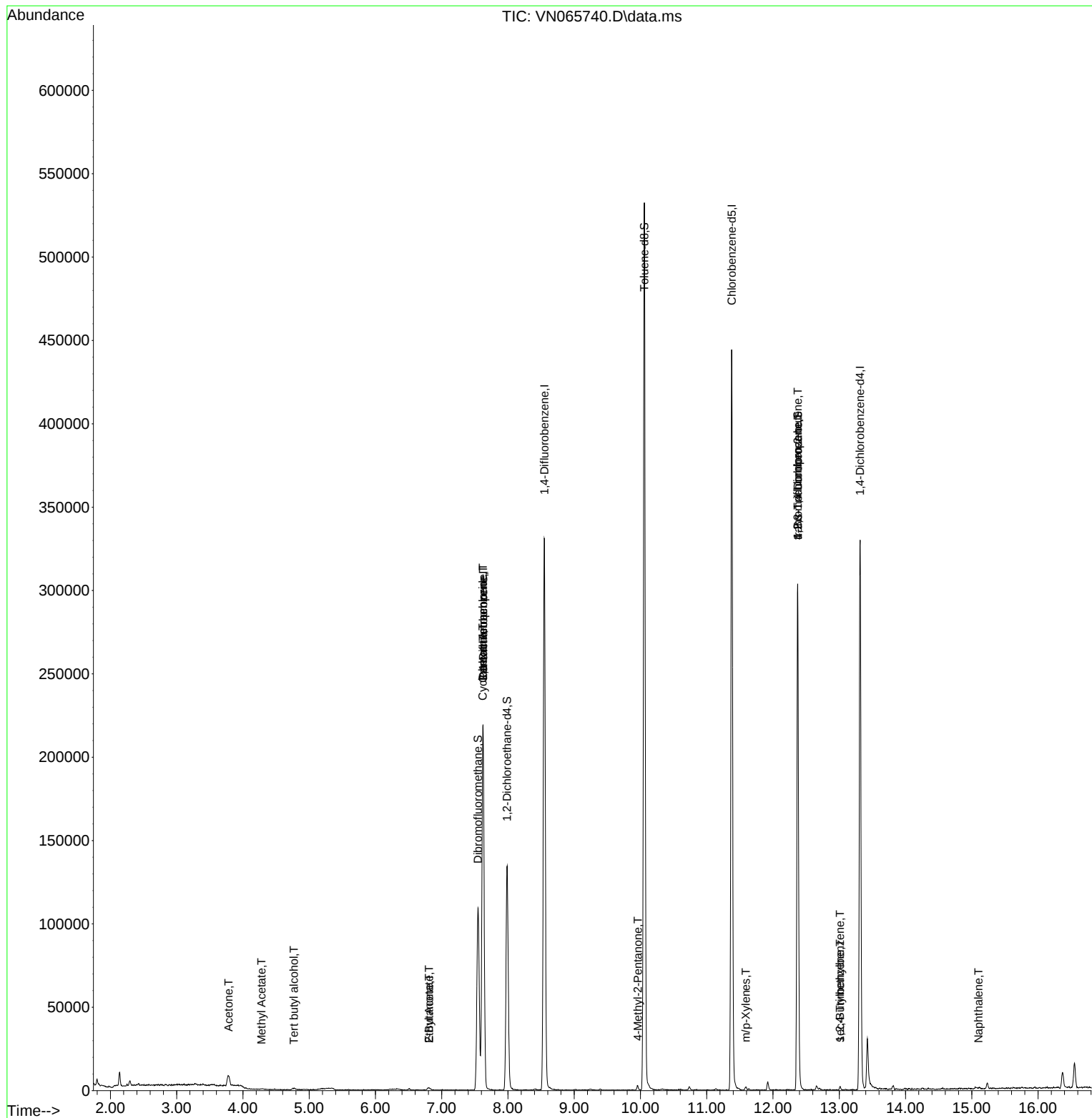
Internal Standards						
1) Pentafluorobenzene	7.624	168	185838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	313762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	273463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	112124	45.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.72%		
35) Dibromofluoromethane	7.547	113	89921	48.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.72%		
50) Toluene-d8	10.058	98	389142	53.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.48%		
62) 4-Bromofluorobenzene	12.373	95	124117	47.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.32%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.769	59	2179	4.76	ug/l #	73
16) Acetone	3.782	43	9267	9.74	ug/l	95
18) Methyl Acetate	4.280	43	573	0.21	ug/l #	51
25) 2-Butanone	6.807	43	1013	0.68	ug/l #	46
31) Cyclohexane	7.618	56	3439	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13830	4.38	ug/l #	47
37) Ethyl Acetate	6.807	43	1013	0.33	ug/l #	68
38) Carbon Tetrachloride	7.621	117	16775	6.45	ug/l #	18
51) 4-Methyl-2-Pentanone	9.958	43	2255	0.76	ug/l #	86
68) m/p-Xylenes	11.592	106	822	0.21	ug/l	94
76) 1,2,3-Trichloropropane	12.373	75	55211	21.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	55211	55.17	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.013	105	1990	0.27	ug/l	92
85) sec-Butylbenzene	13.013	105	1990	0.24	ug/l #	56
95) Naphthalene	15.103	128	866	3.58	ug/l #	69

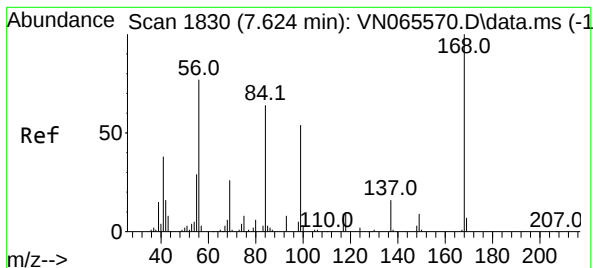
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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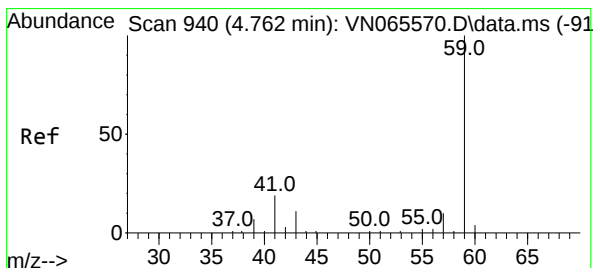
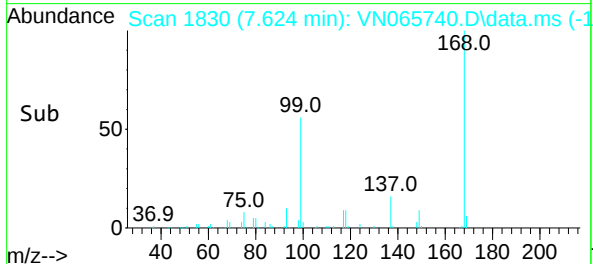
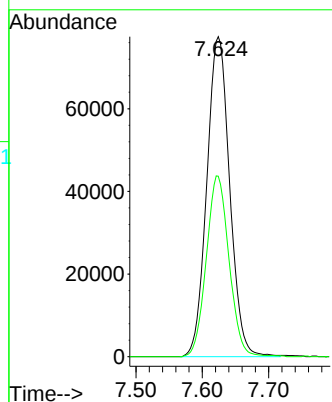
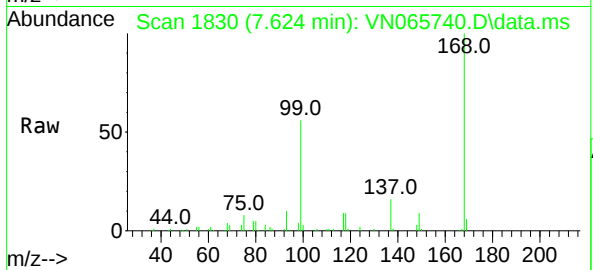




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

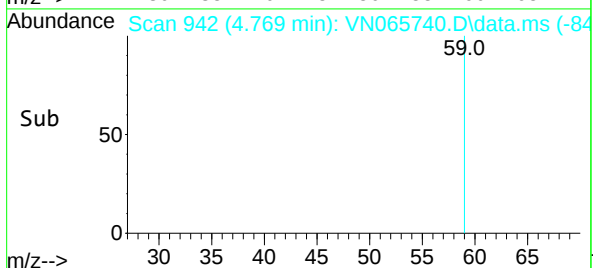
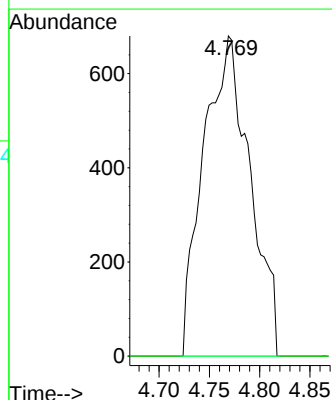
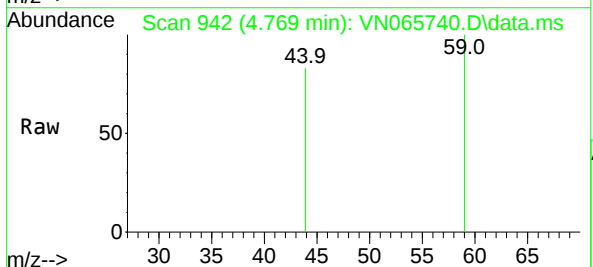
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

Tgt Ion:168 Resp: 185838
Ion Ratio Lower Upper
168 100
99 56.4 42.6 63.8



#11
Tert butyl alcohol
Concen: 4.76 ug/l
RT: 4.769 min Scan# 942
Delta R.T. 0.007 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

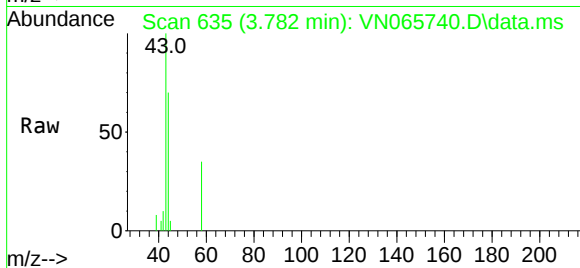
Tgt Ion: 59 Resp: 2179
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



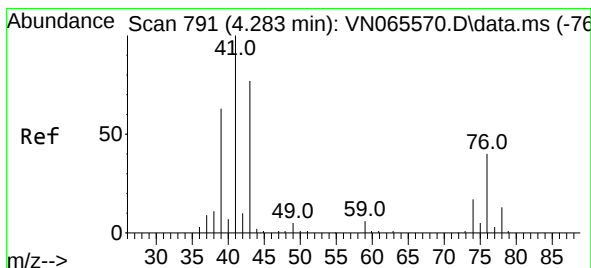
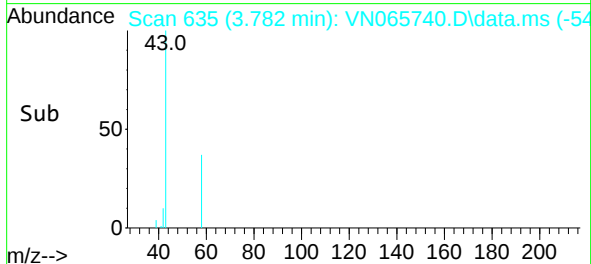
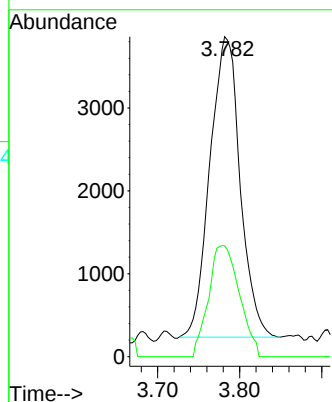


#16
Acetone
Concen: 9.74 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

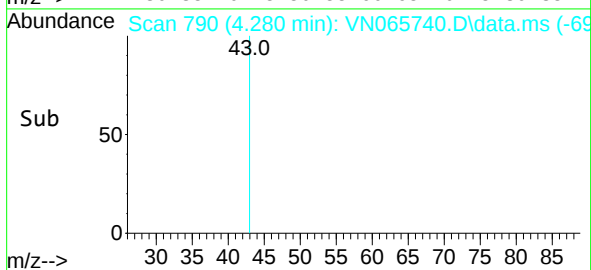
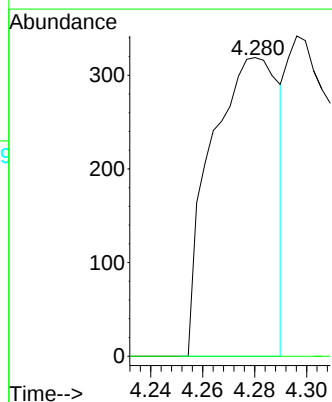
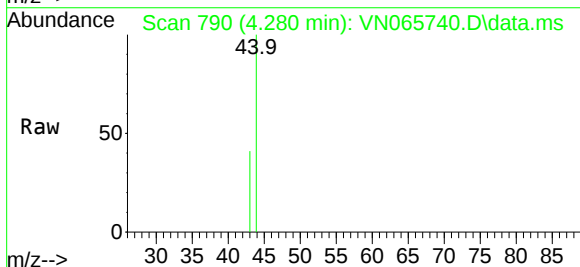


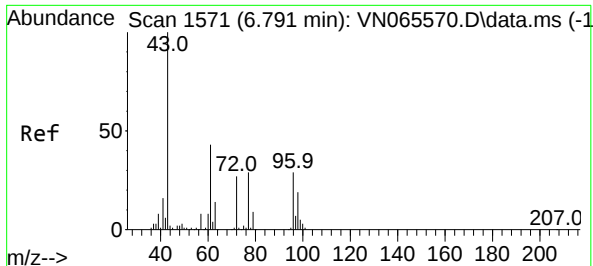
Tgt Ion: 43 Resp: 9267
Ion Ratio Lower Upper
43 100
58 36.9 27.0 40.6



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

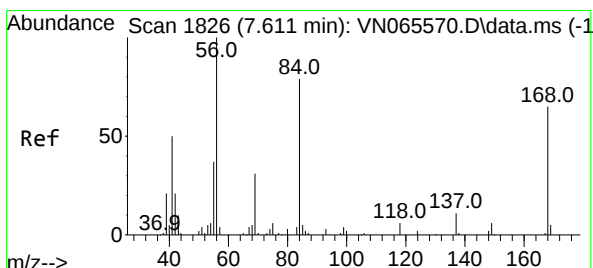
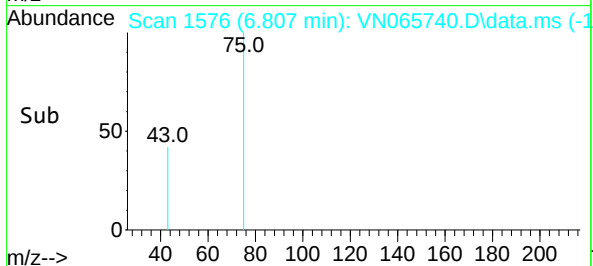
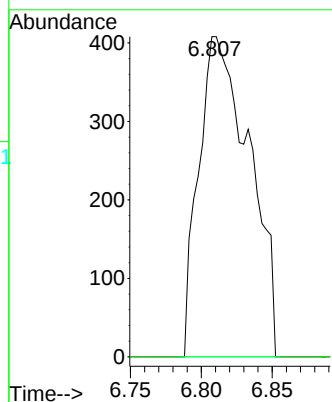
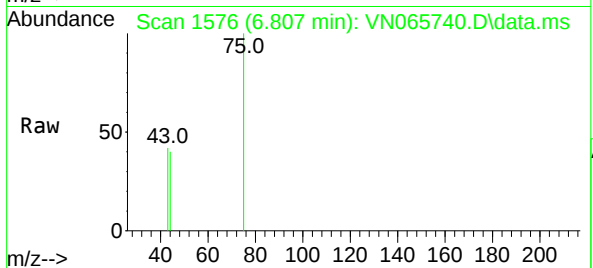




#25
2-Butanone
Concen: 0.68 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

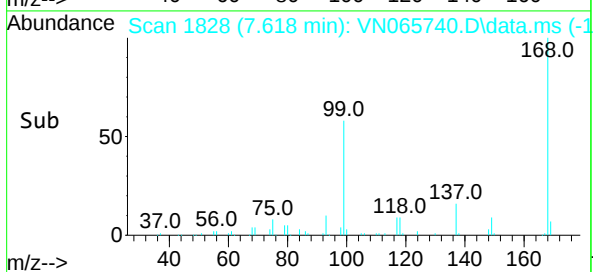
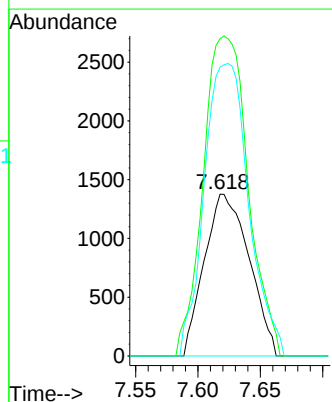
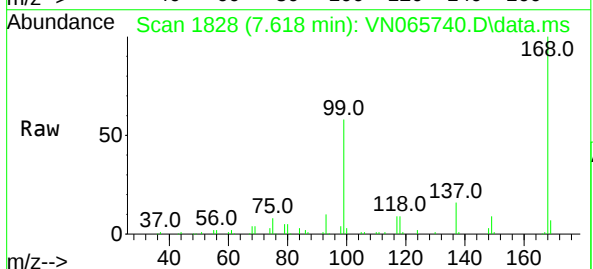
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

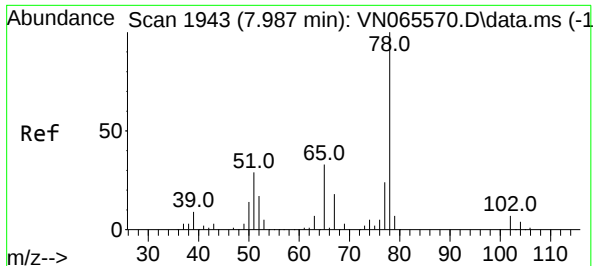
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 56 Resp: 3439
Ion Ratio Lower Upper
56 100
69 196.1 26.6 39.8#
84 178.5 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 45.86 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065740.D

Acq: 5 Feb 2021 16:07

Tgt Ion: 65 Resp: 112124

Ion Ratio Lower Upper

65 100

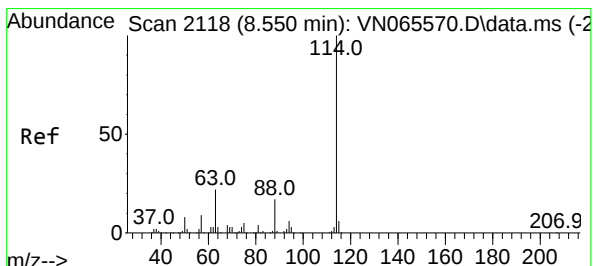
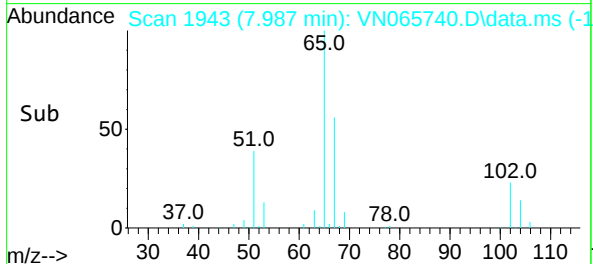
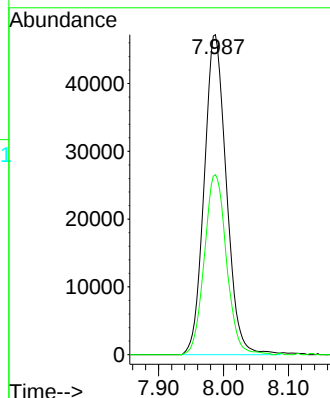
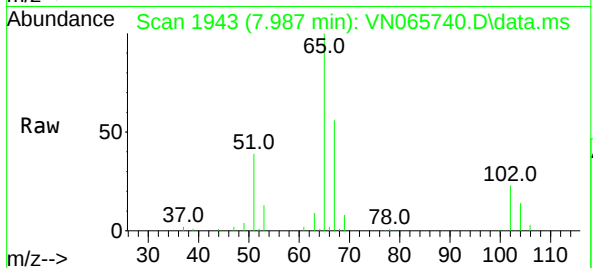
67 56.2 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES-COMP



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VN065740.D

Acq: 5 Feb 2021 16:07

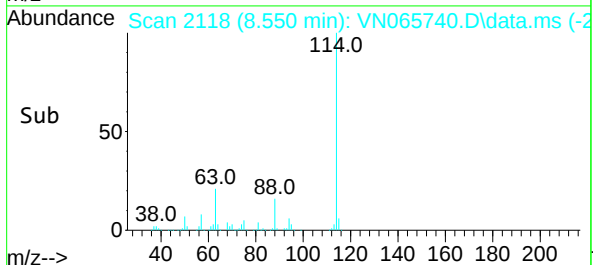
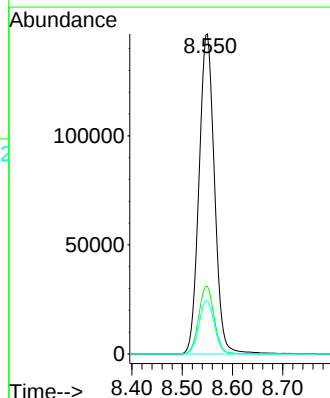
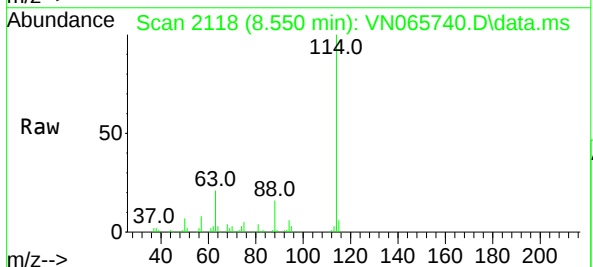
Tgt Ion: 114 Resp: 313762

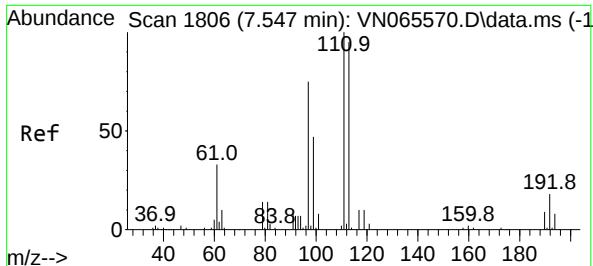
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.6

88 16.4 0.0 30.6

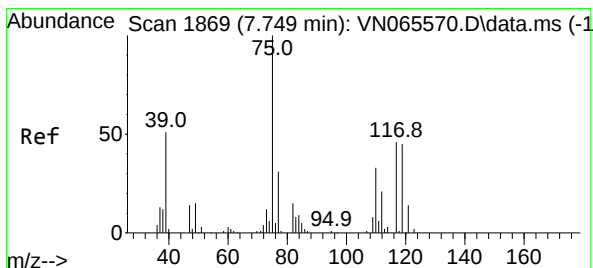
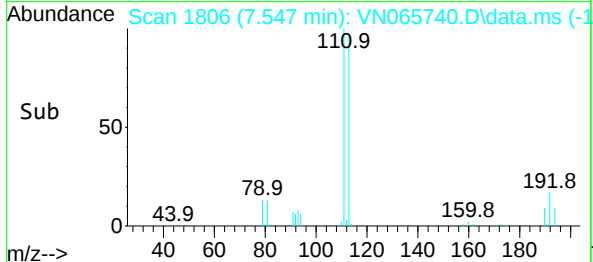
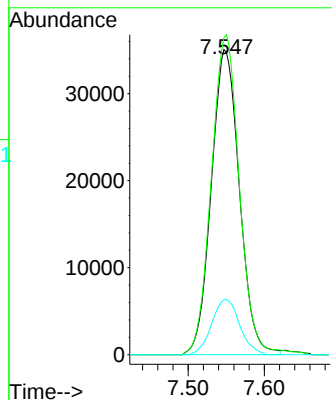
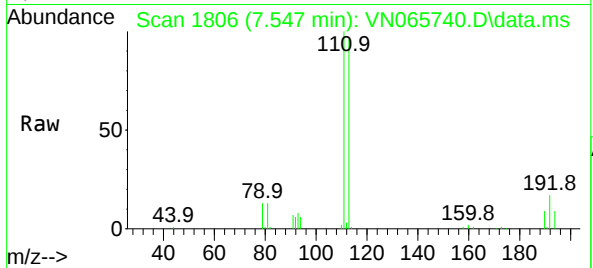




#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

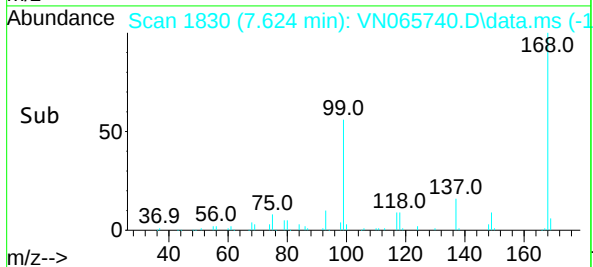
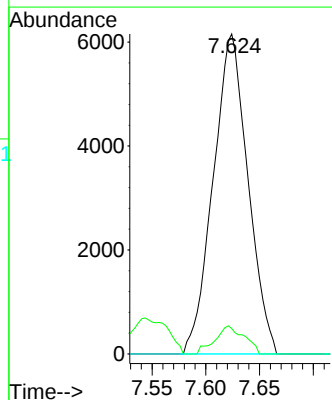
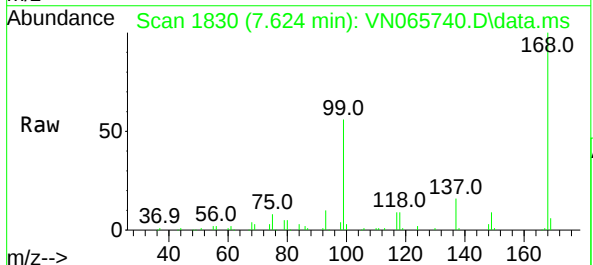
Instrument :
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OILY-WATER-TOTES-COMP

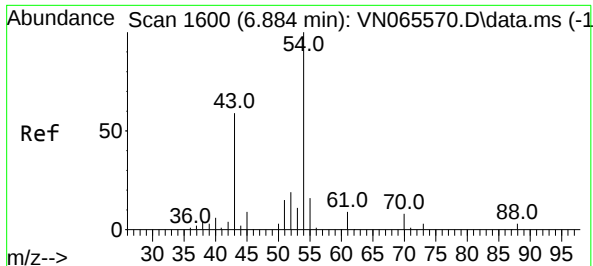
Tgt Ion:113 Resp: 89921
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.2
192 18.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 75 Resp: 13830
Ion Ratio Lower Upper
75 100
110 7.4 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.33 ug/l

RT: 6.807 min Scan# 1576

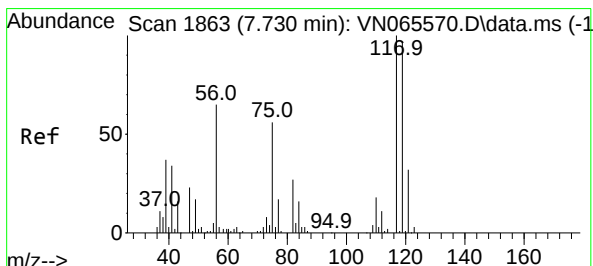
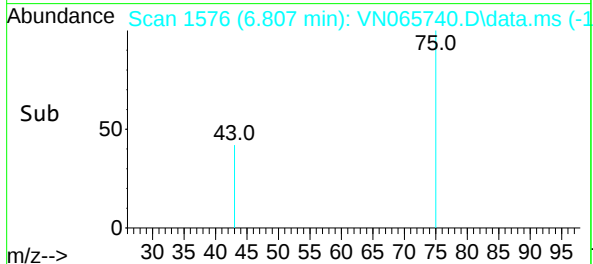
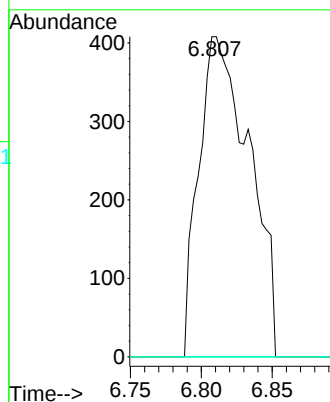
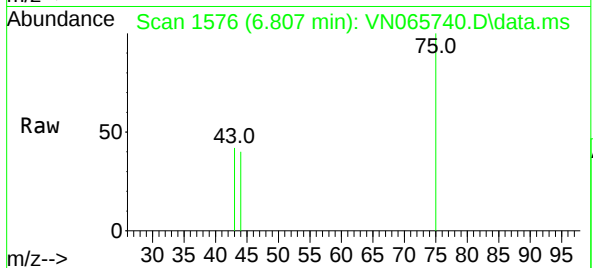
Delta R.T. -0.077 min

Lab File: VN065740.D

Acq: 5 Feb 2021 16:07

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ClientSampleId :
OILY-WATER-TOTES-COMP

Tgt Ion: 43	Resp: 1013
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.45 ug/l

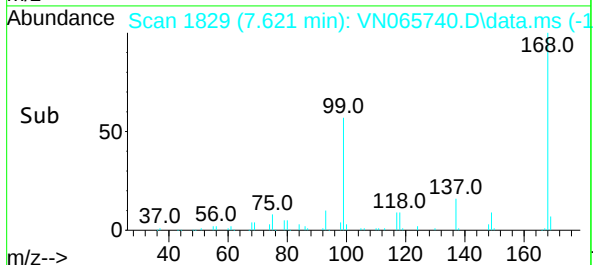
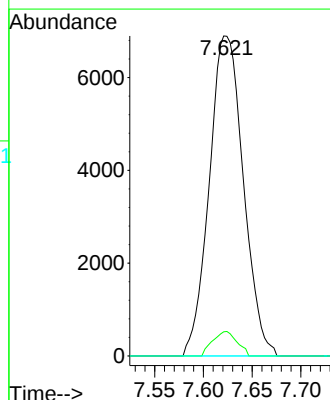
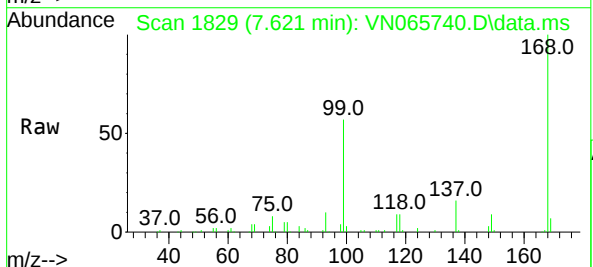
RT: 7.621 min Scan# 1829

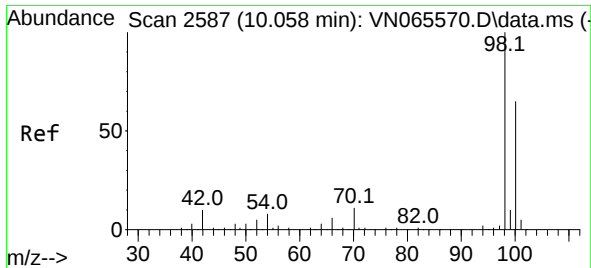
Delta R.T. -0.109 min

Lab File: VN065740.D

Acq: 5 Feb 2021 16:07

Tgt Ion:117	Resp:	16775	
Ion	Ratio	Lower	Upper
117	100		
119	7.6	76.0	114.0#
121	0.0	24.5	36.7#

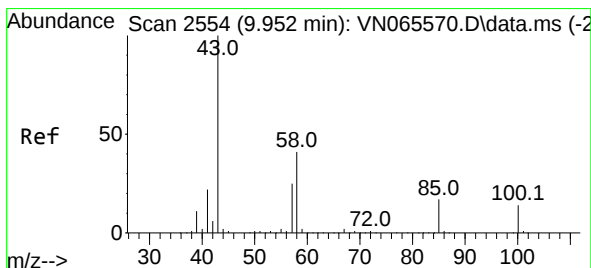
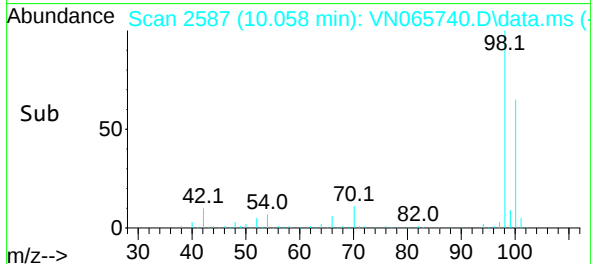
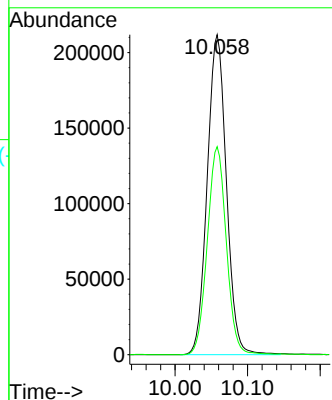
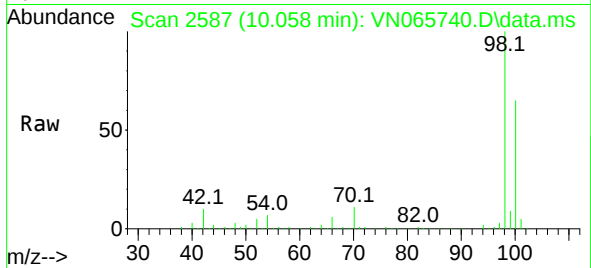




#50
Toluene-d8
Concen: 53.24 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

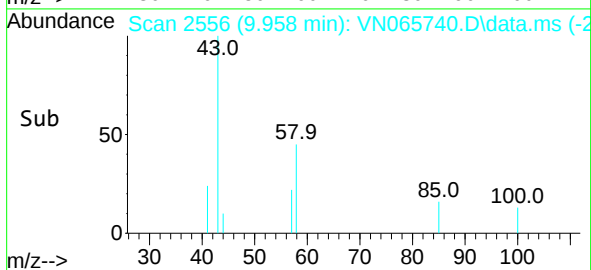
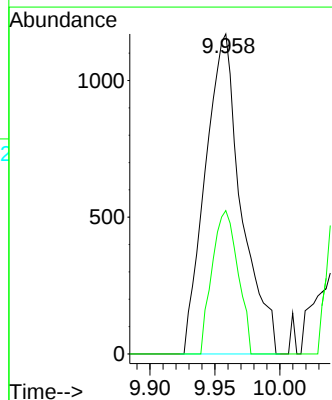
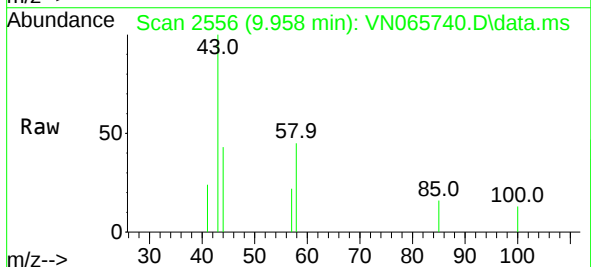
Instrument :
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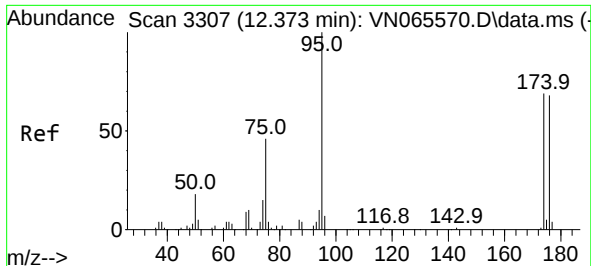
Tgt Ion: 98 Resp: 389142
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.76 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.006 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 32.0 32.5 48.7#

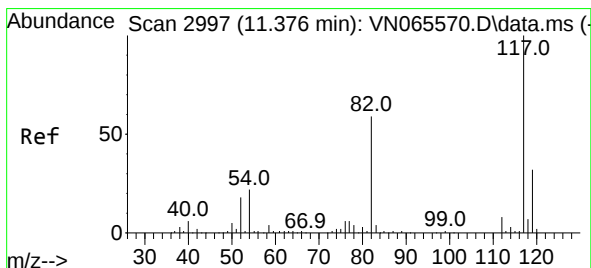
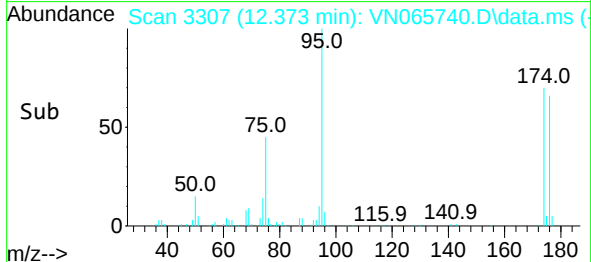
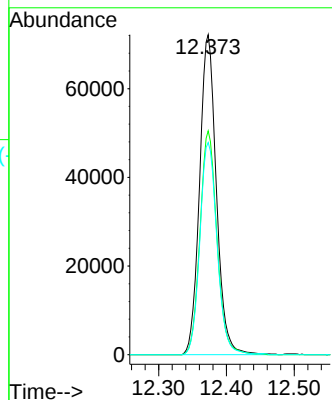
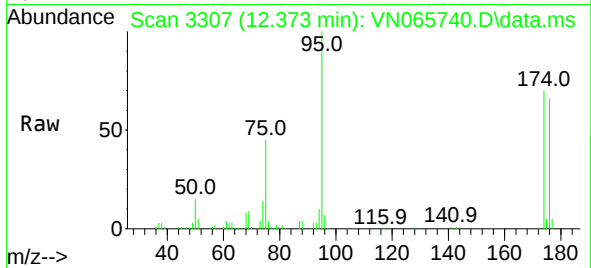




#62
4-Bromofluorobenzene
Concen: 47.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

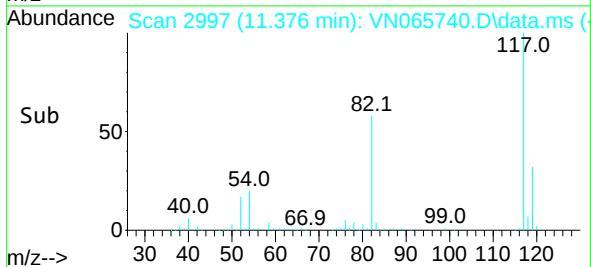
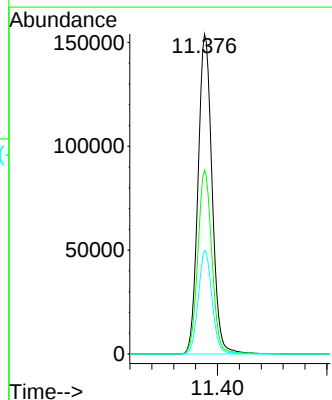
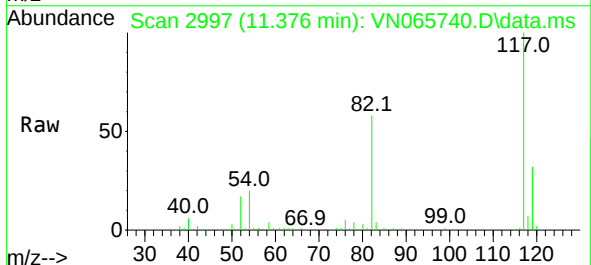
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

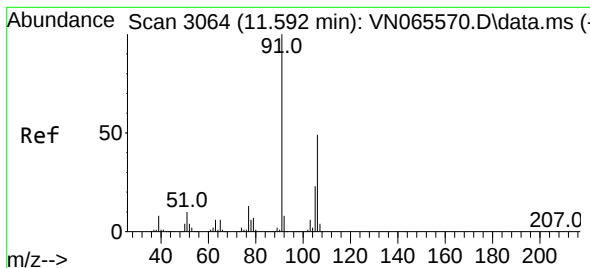
Tgt Ion: 95 Resp: 124117
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 117 Resp: 273463
Ion Ratio Lower Upper
117 100
82 57.5 43.7 65.5
119 32.3 26.1 39.1

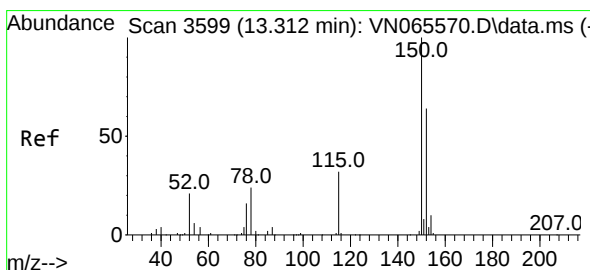
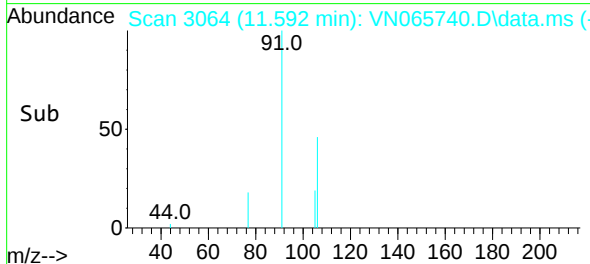
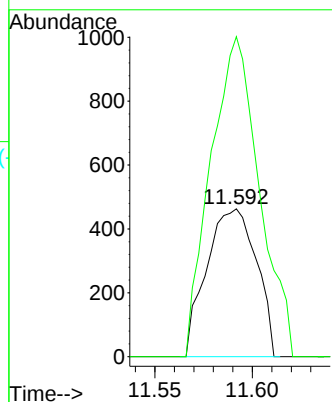
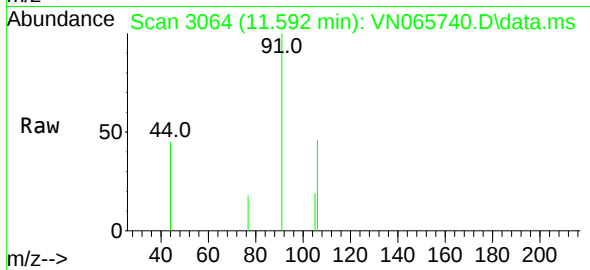




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

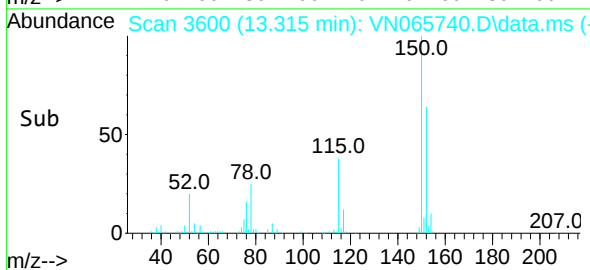
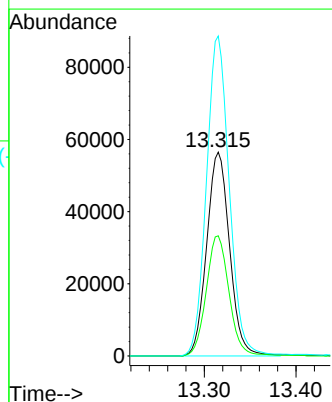
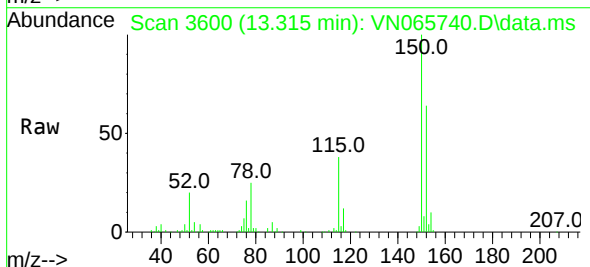
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

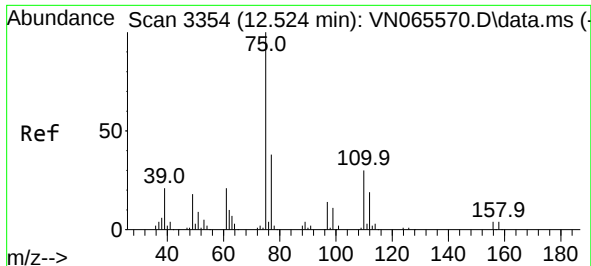
Tgt Ion:106 Resp: 822
Ion Ratio Lower Upper
106 100
91 211.2 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion:152 Resp: 98020
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.6
150 156.7 0.0 347.6

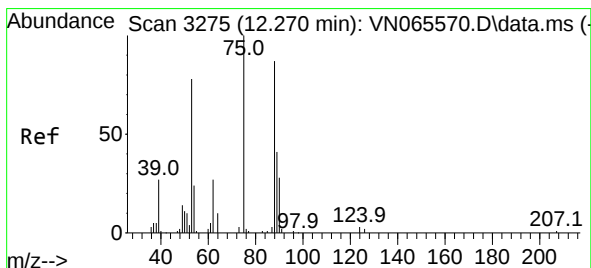
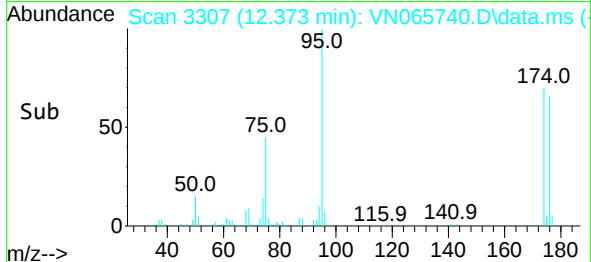
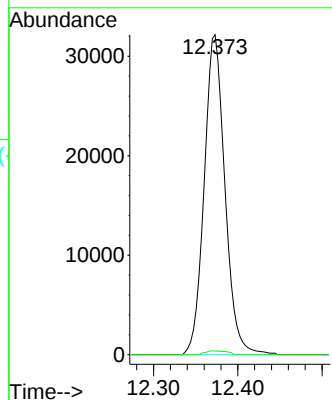
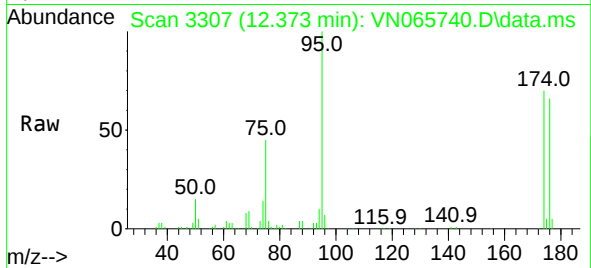




#76
1,2,3-Trichloropropane
Concen: 21.54 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

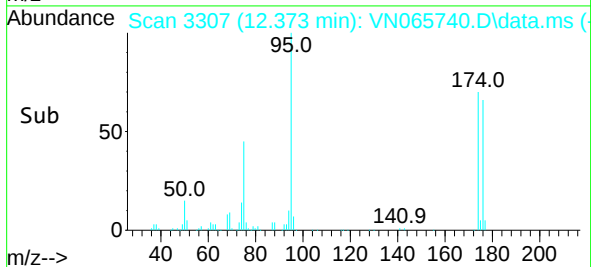
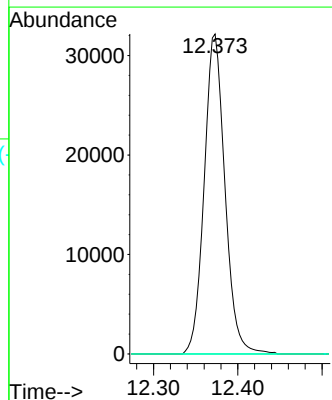
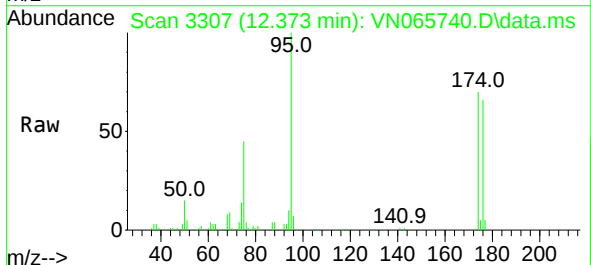
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

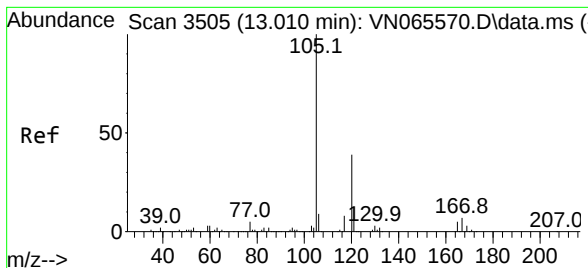
Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.17 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

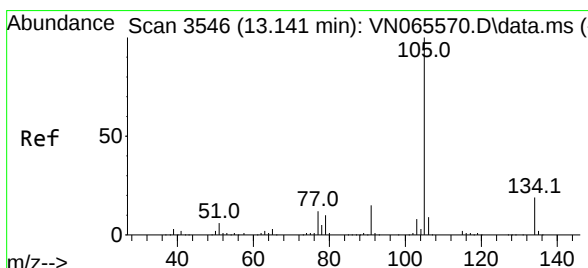
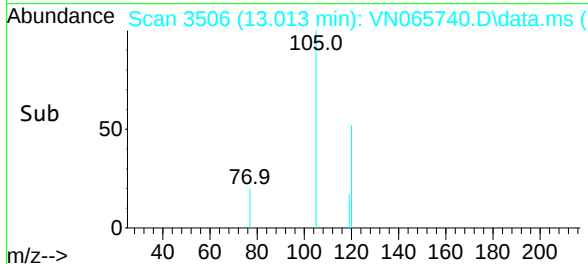
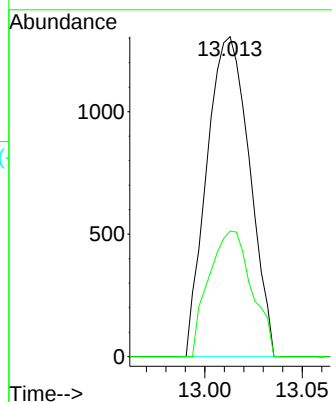
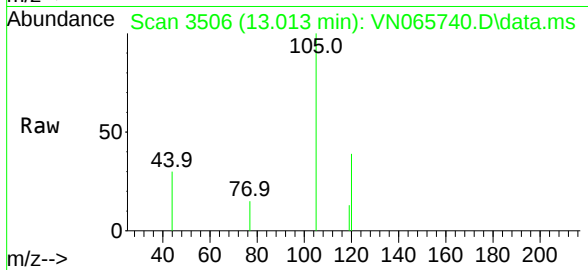




#84
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

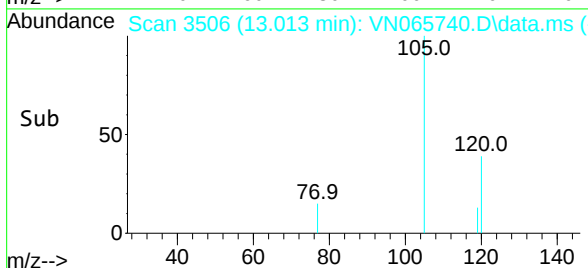
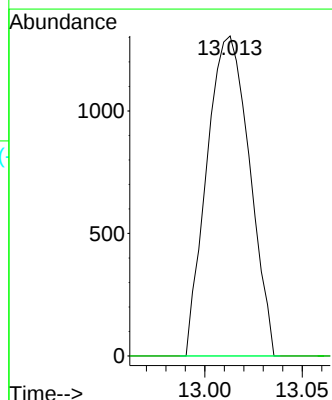
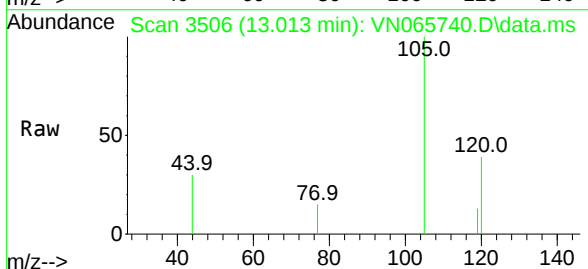
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP

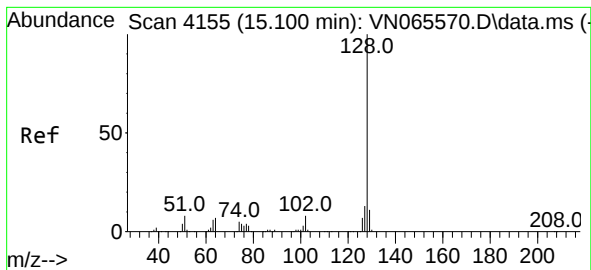
Tgt Ion:105 Resp: 1990
Ion Ratio Lower Upper
105 100
120 39.6 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.24 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.128 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

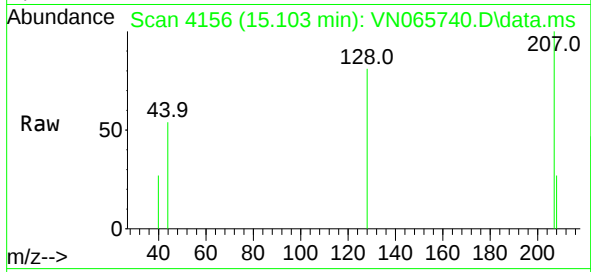
Tgt Ion:105 Resp: 1990
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065740.D
Acq: 5 Feb 2021 16:07

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES-COMP



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

