

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073347.D
 Acq On : 06 Jul 2022 16:00
 Operator : JC\MD
 Sample : N3564-31
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-3

Quant Time: Jul 07 04:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

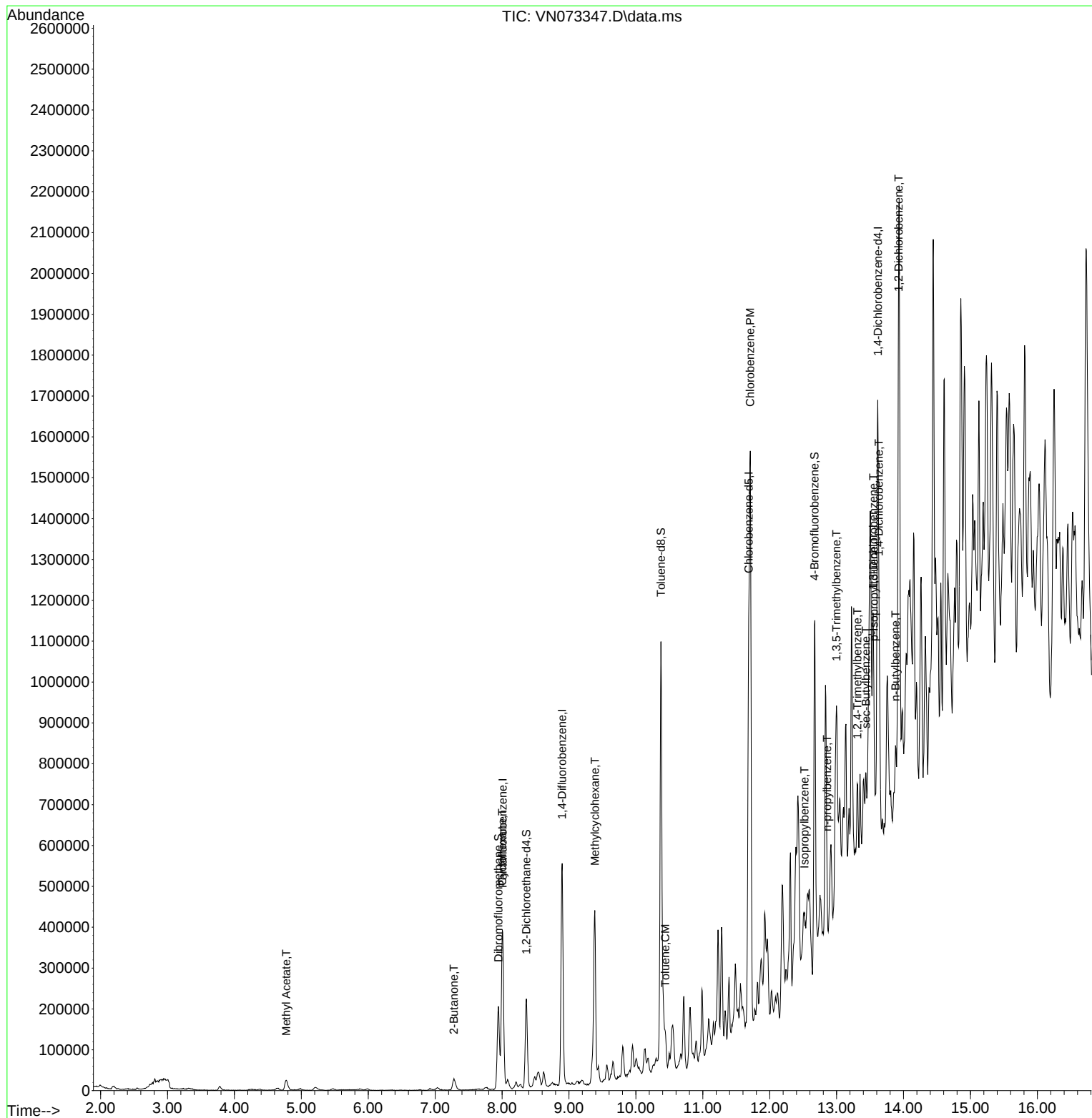
Internal Standards						
1) Pentafluorobenzene	8.010	168	290603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	481421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	480875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	278467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	178724	42.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.200%
35) Dibromofluoromethane	7.945	113	147268	45.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	10.374	98	550402	48.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.668	95	273167	62.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.980%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	54216	8.216	ug/l	91
25) 2-Butanone	7.281	43	49452	13.190	ug/l #	85
31) Cyclohexane	8.004	56	18471	2.688	ug/l #	74
39) Methylcyclohexane	9.386	83	176770	28.810	ug/l	94
52) Toluene	10.439	92	38216	4.066	ug/l	95
65) Chlorobenzene	11.710	112	738717	67.924	ug/l	100
73) Isopropylbenzene	12.521	105	44700	1.859	ug/l	98
78) n-propylbenzene	12.857	91	63487	2.377	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	32688	1.668	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	127444	6.513	ug/l	92
85) sec-Butylbenzene	13.439	105	63294	2.682	ug/l #	50
86) p-Isopropyltoluene	13.557	119	22869	1.200	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	91772	9.150	ug/l #	81
88) 1,4-Dichlorobenzene	13.633	146	110980	11.043	ug/l #	83
89) n-Butylbenzene	13.880	91	75570	4.758	ug/l #	76
91) 1,2-Dichlorobenzene	13.927	146	202902	19.859	ug/l #	83

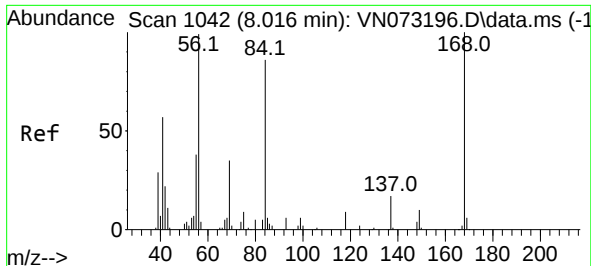
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 04:23:45 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

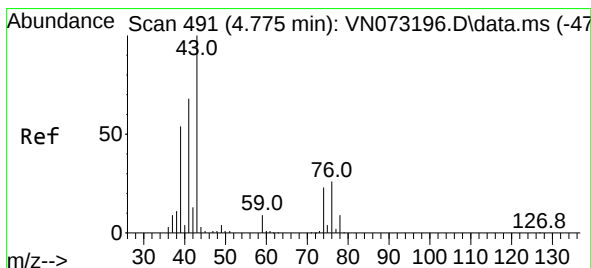
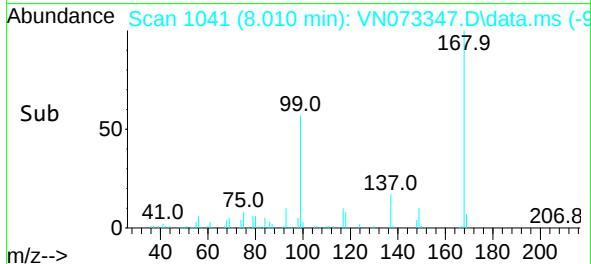
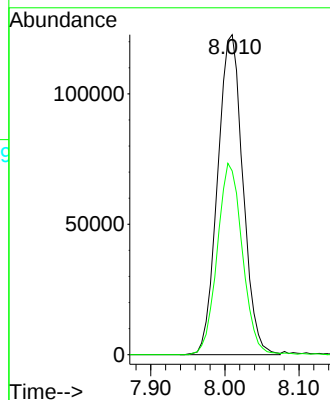
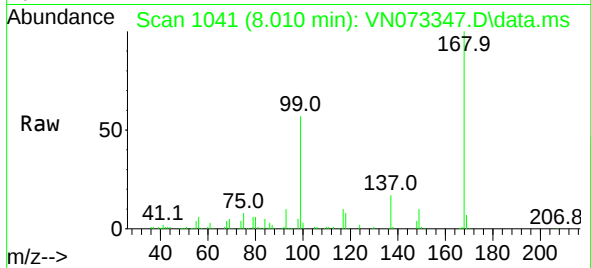




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

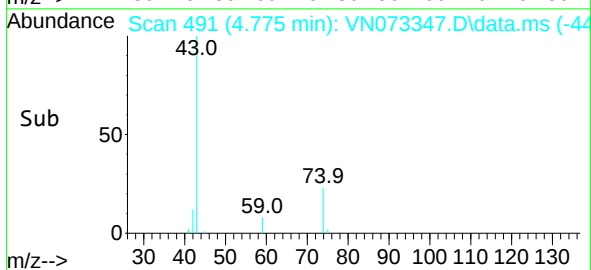
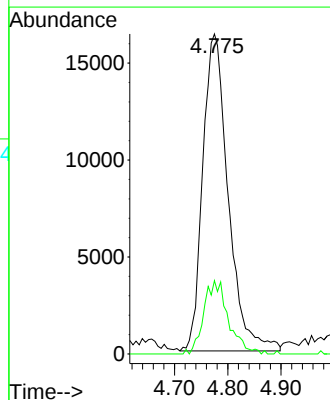
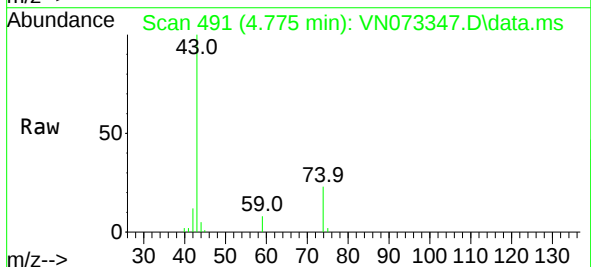
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

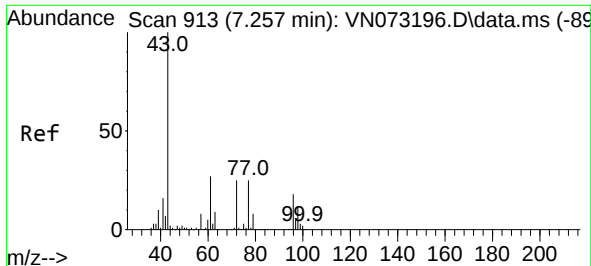
Tgt Ion:168 Resp: 290603
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#18
Methyl Acetate
Concen: 8.216 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 43 Resp: 54216
Ion Ratio Lower Upper
43 100
74 22.4 21.6 32.4

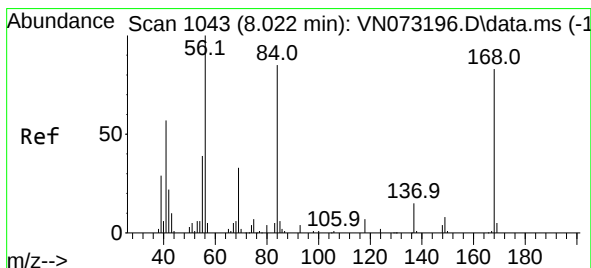
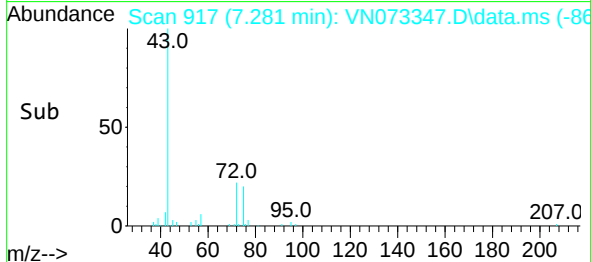
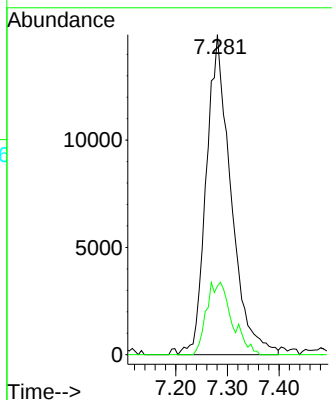
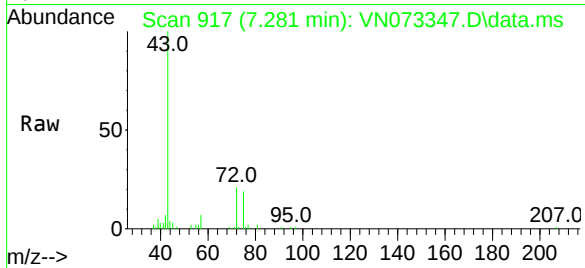




#25
2-Butanone
Concen: 13.190 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

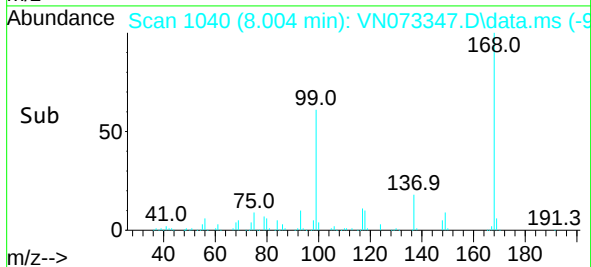
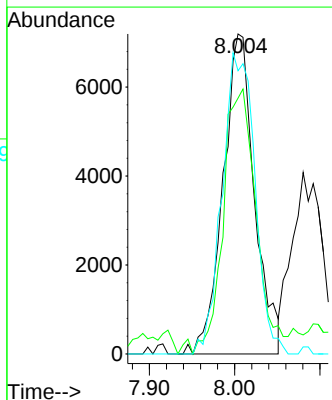
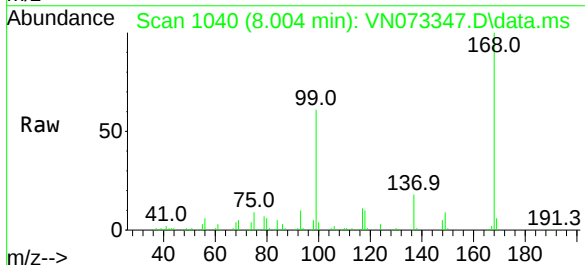
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

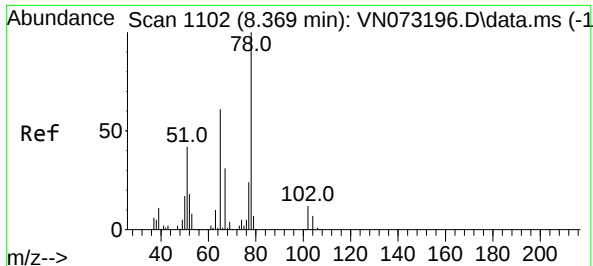
Tgt Ion: 43 Resp: 49452
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#



#31
Cyclohexane
Concen: 2.688 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.018 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 56 Resp: 18471
Ion Ratio Lower Upper
56 100
69 80.0 27.8 41.8#
84 88.5 76.9 115.3

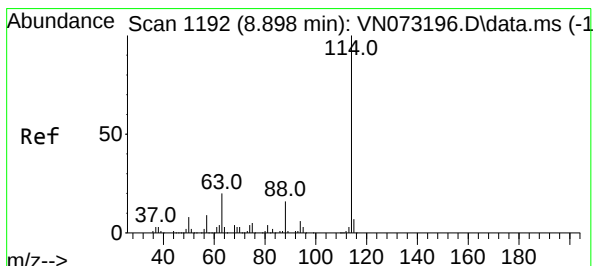
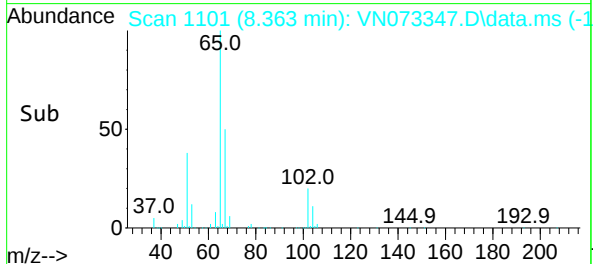
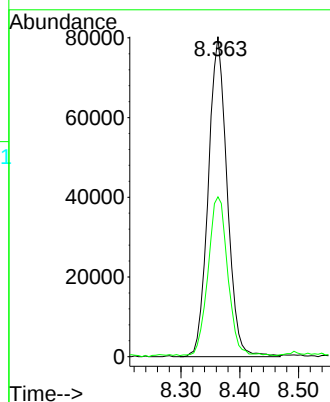
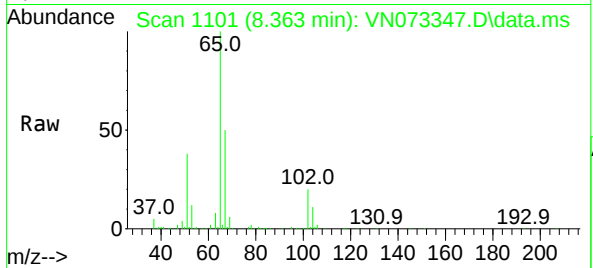




#33
1,2-Dichloroethane-d4
Concen: 42.602 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

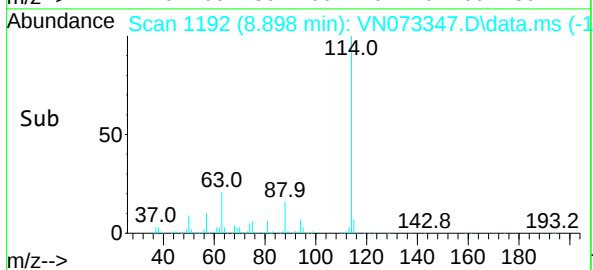
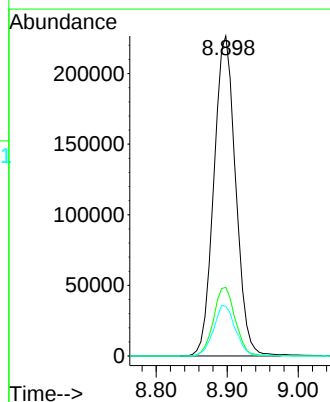
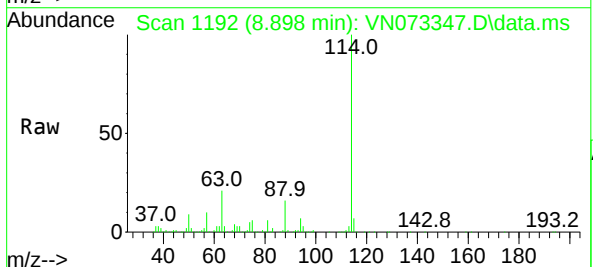
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

Tgt Ion: 65 Resp: 178724
Ion Ratio Lower Upper
65 100
67 51.6 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: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 114 Resp: 481421
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.5 0.0 32.6

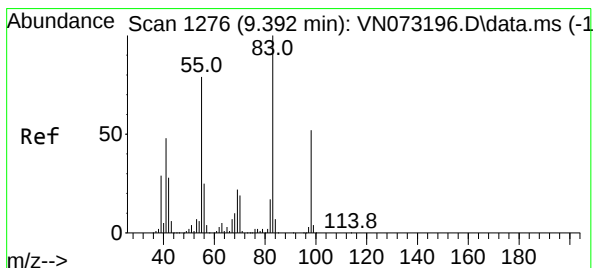
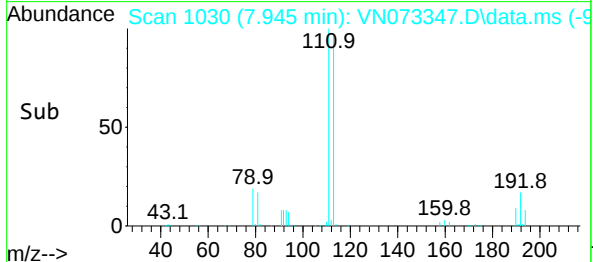
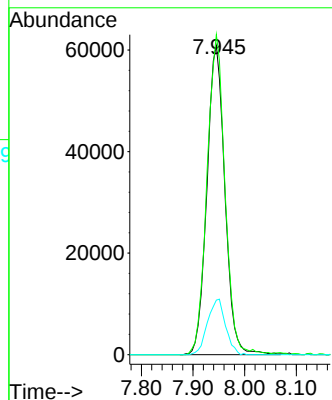
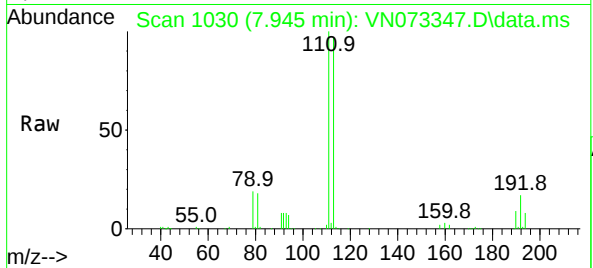




#35
Dibromofluoromethane
Concen: 45.979 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

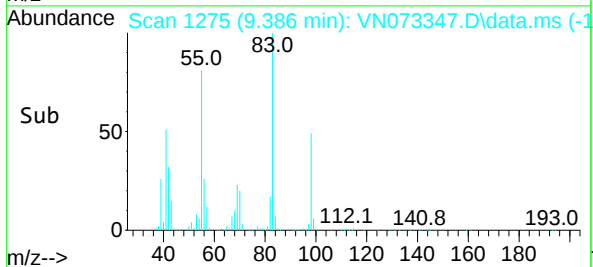
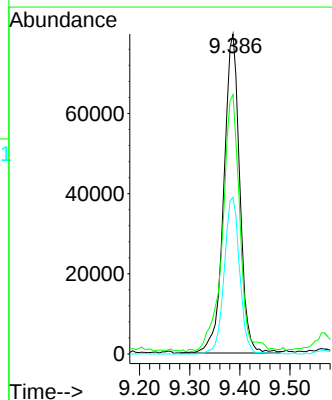
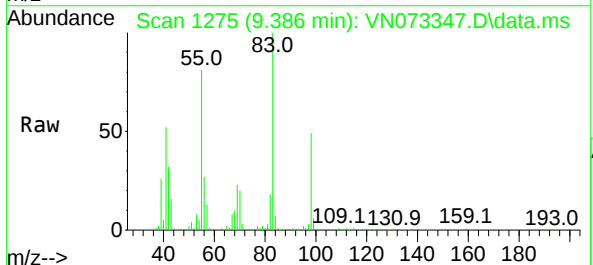
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

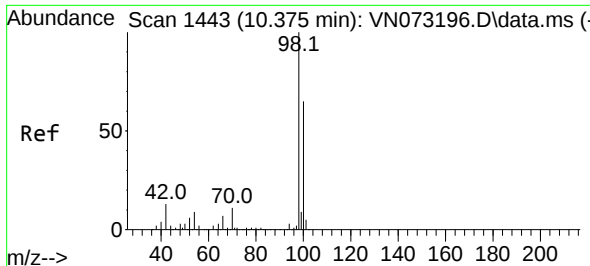
Tgt Ion:113 Resp: 147268
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.0 17.0 25.6



#39
Methylcyclohexane
Concen: 28.810 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 83 Resp: 176770
Ion Ratio Lower Upper
83 100
55 80.4 57.8 86.8
98 49.0 39.4 59.2

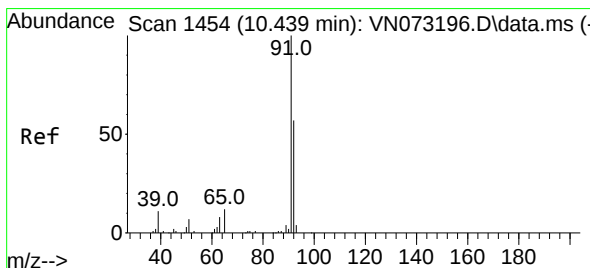
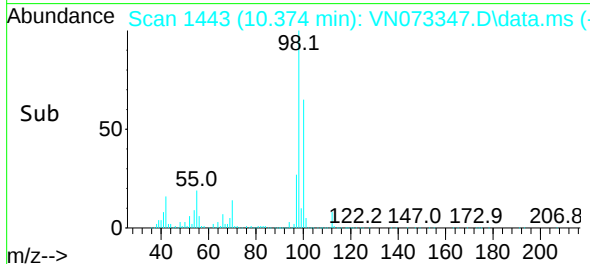
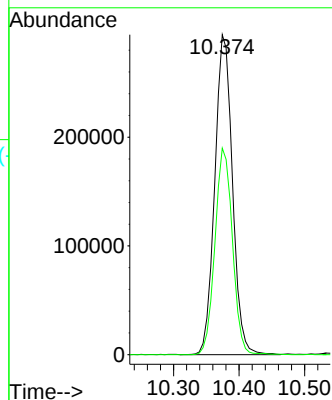
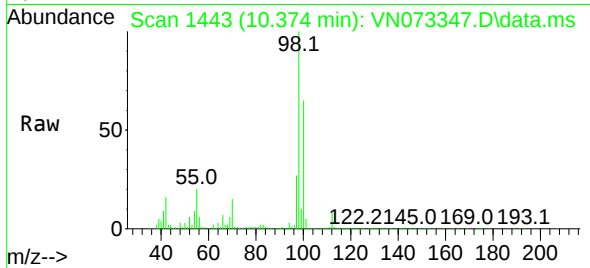




#50
Toluene-d8
Concen: 48.383 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

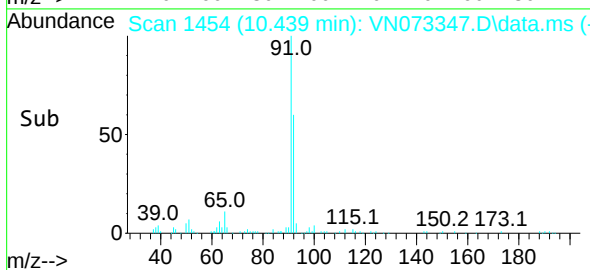
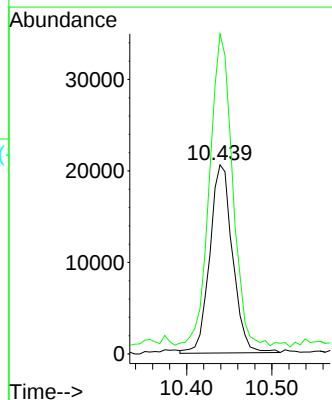
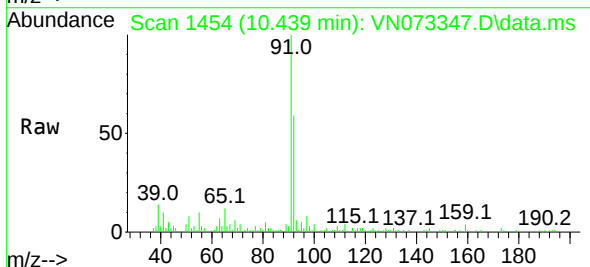
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

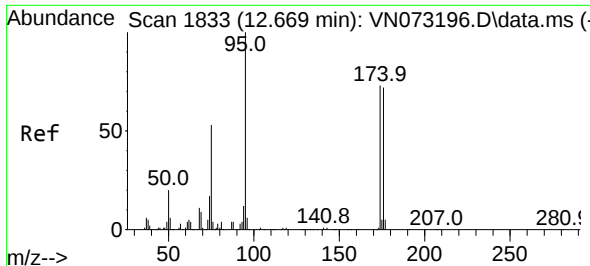
Tgt Ion: 98 Resp: 550402
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#52
Toluene
Concen: 4.066 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 92 Resp: 38216
Ion Ratio Lower Upper
92 100
91 166.6 138.6 207.8

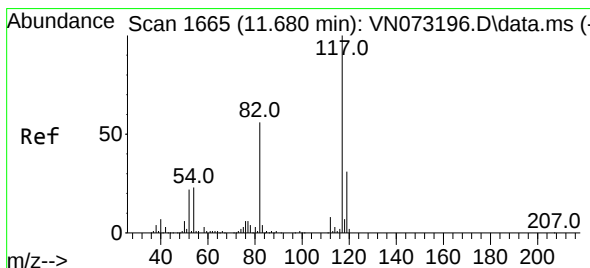
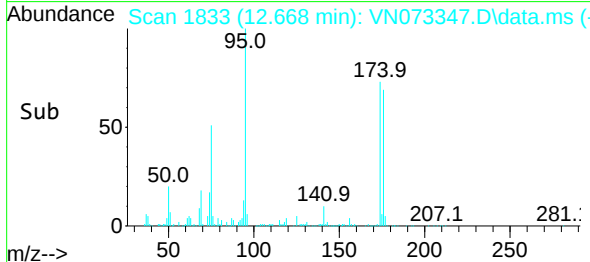
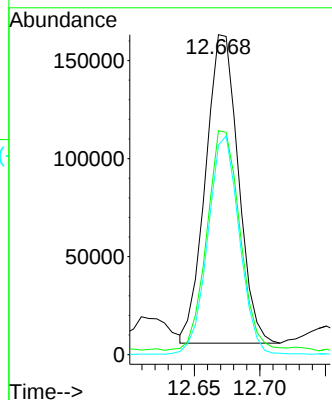
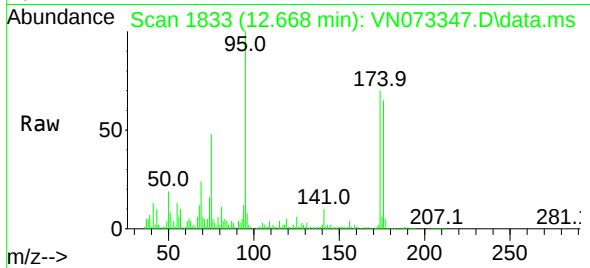




#62
4-Bromofluorobenzene
Concen: 62.485 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

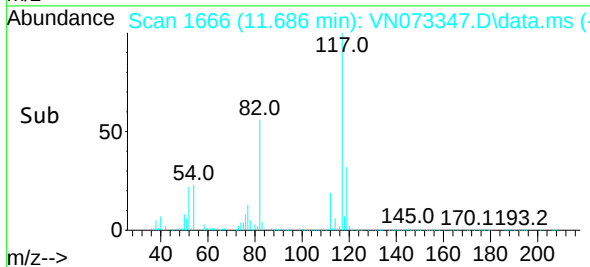
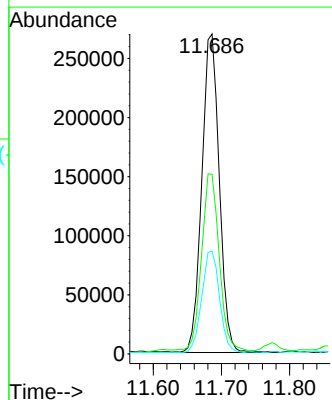
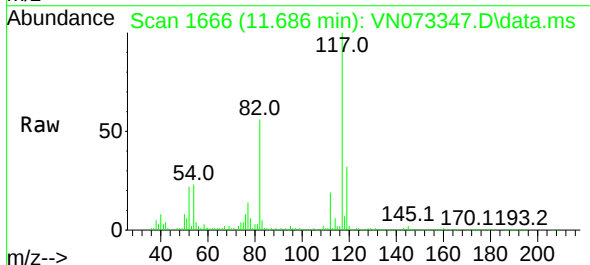
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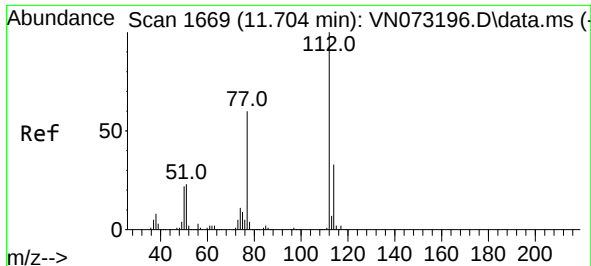
Tgt Ion: 95 Resp: 273167
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 67.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 117 Resp: 480875
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.8 25.4 38.0

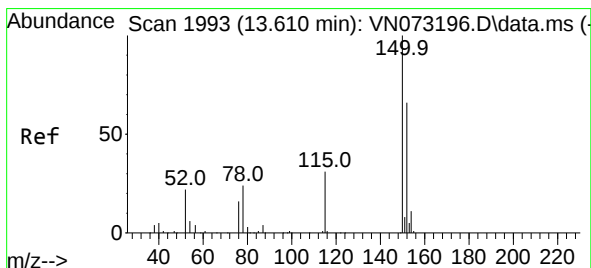
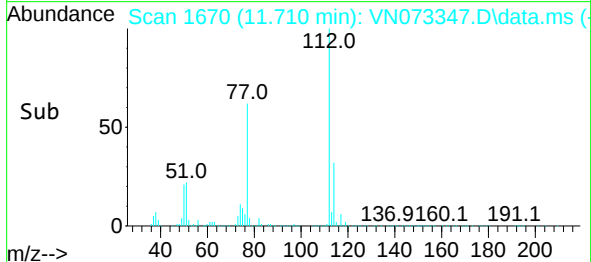
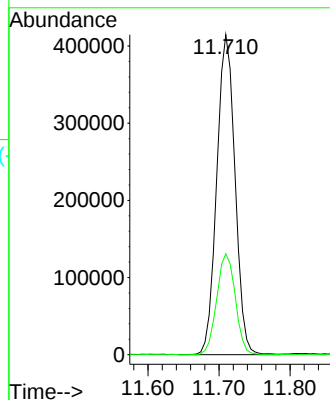
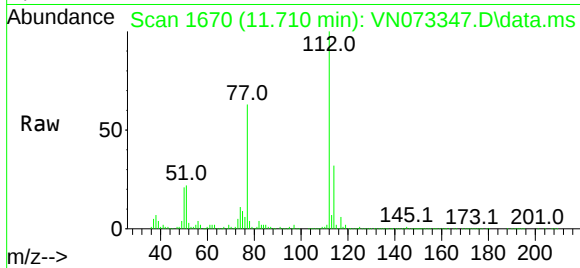




#65
Chlorobenzene
Concen: 67.924 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

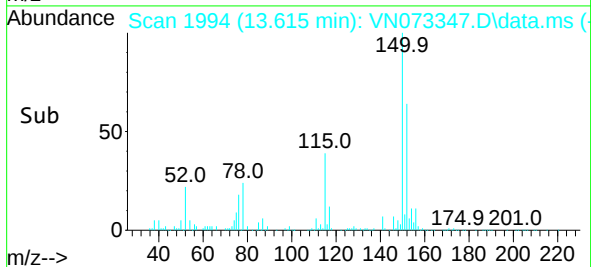
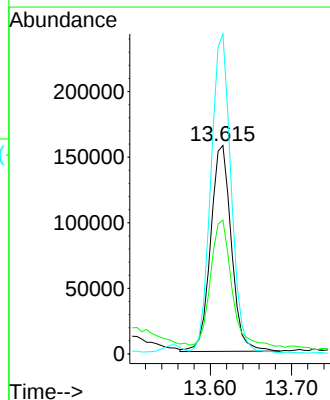
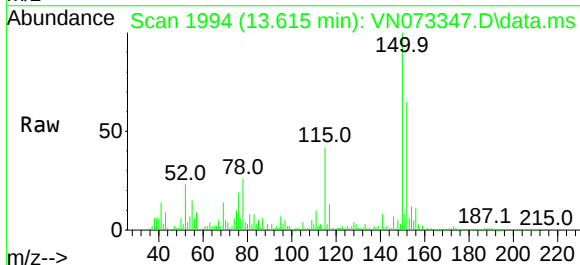
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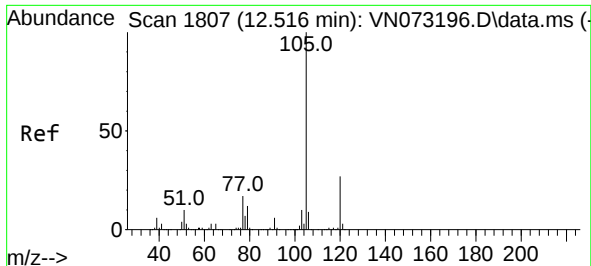
Tgt Ion:112 Resp: 738717
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion:152 Resp: 278467
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.7
150 150.0 0.0 356.2

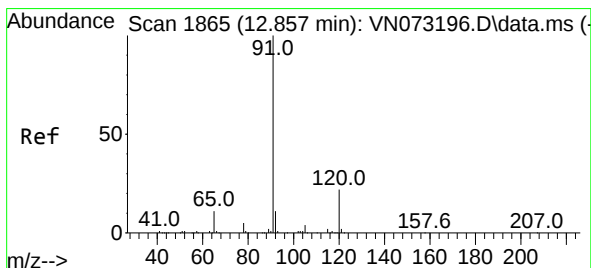
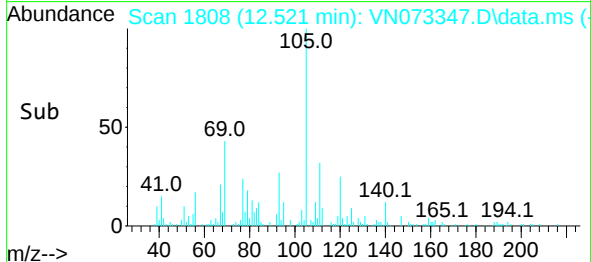
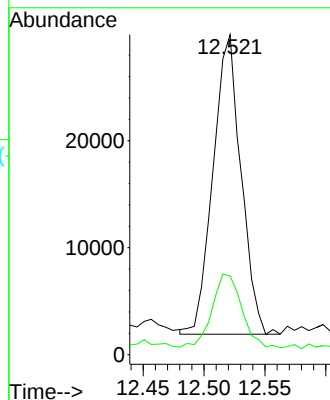
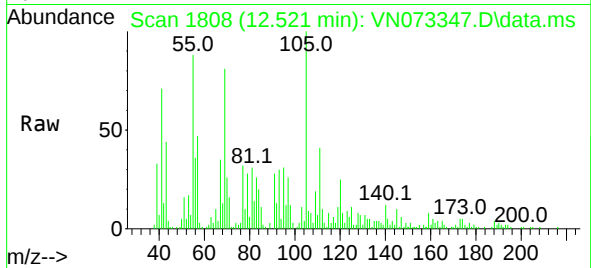




#73
Isopropylbenzene
Concen: 1.859 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

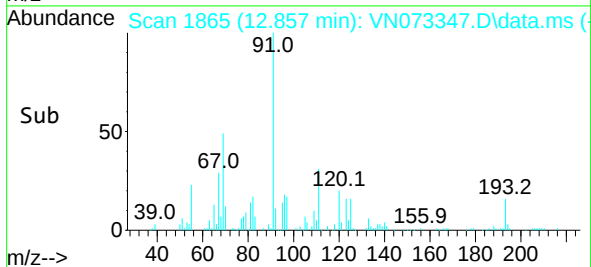
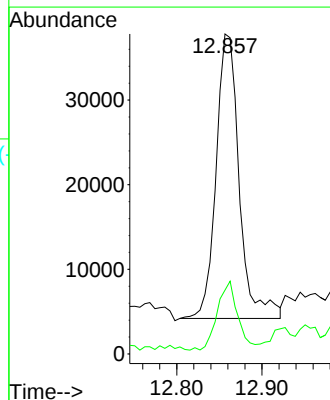
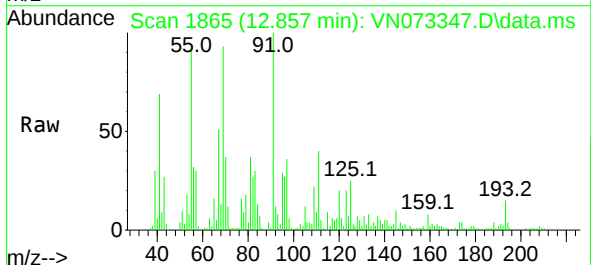
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

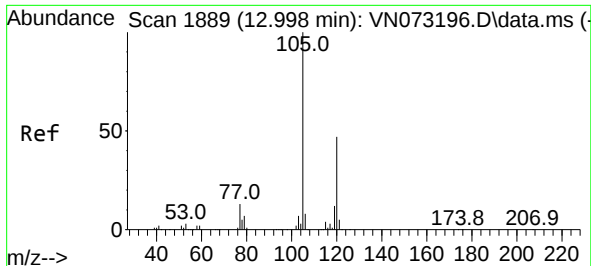
Tgt Ion:105 Resp: 44700
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#78
n-propylbenzene
Concen: 2.377 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion: 91 Resp: 63487
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5

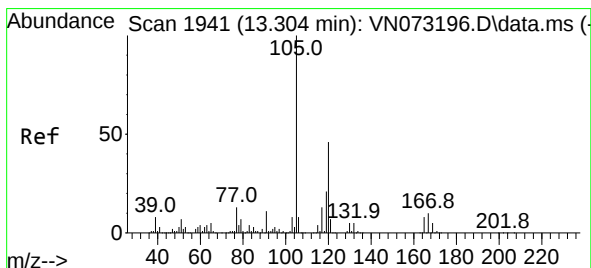
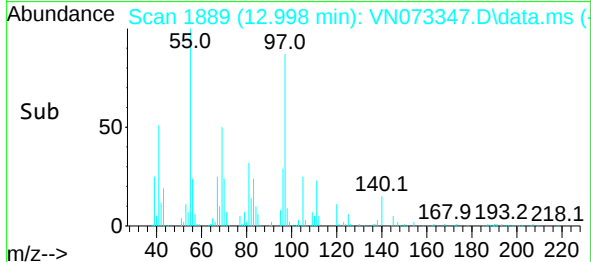
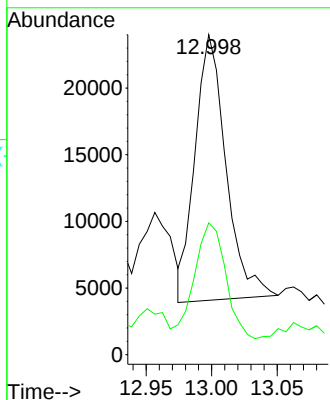
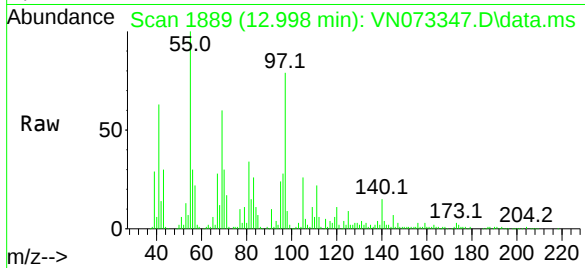




#80
 1,3,5-Trimethylbenzene
 Concen: 1.668 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073347.D
 Acq: 06 Jul 2022 16:00

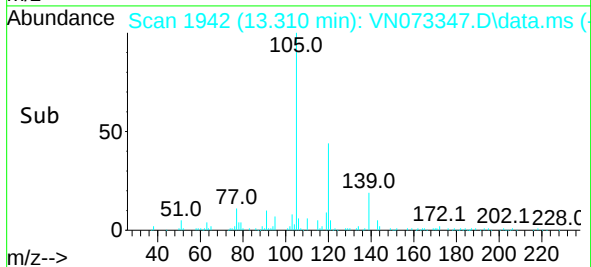
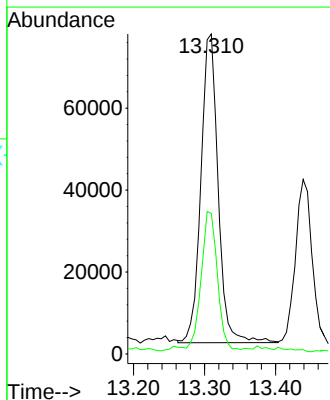
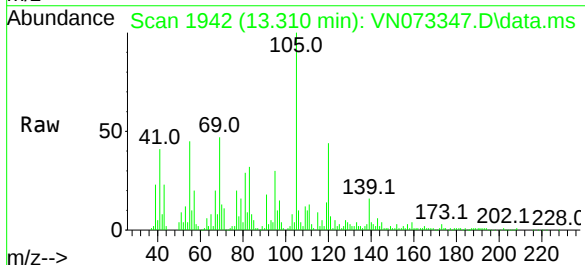
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-3

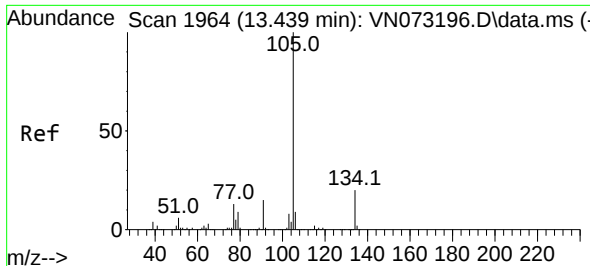
Tgt Ion:105 Resp: 32688
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 6.513 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073347.D
 Acq: 06 Jul 2022 16:00

Tgt Ion:105 Resp: 127444
 Ion Ratio Lower Upper
 105 100
 120 41.2 23.3 69.8

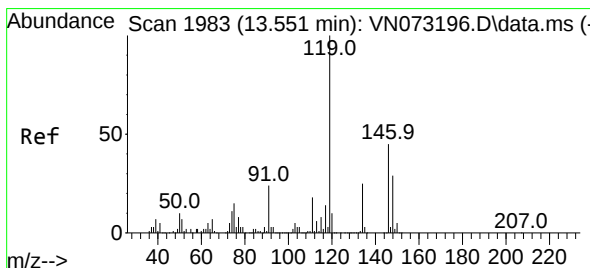
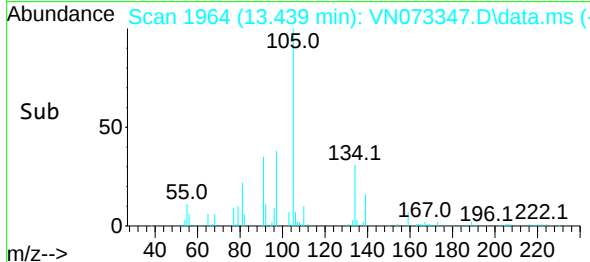
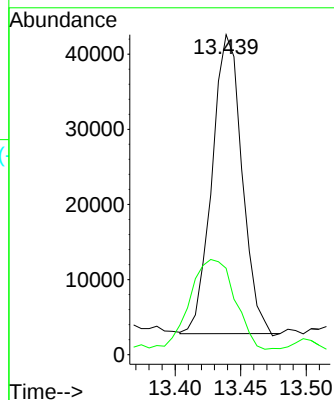
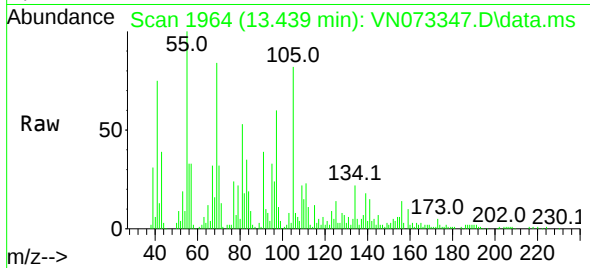




#85
 sec-Butylbenzene
 Concen: 2.682 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073347.D
 Acq: 06 Jul 2022 16:00

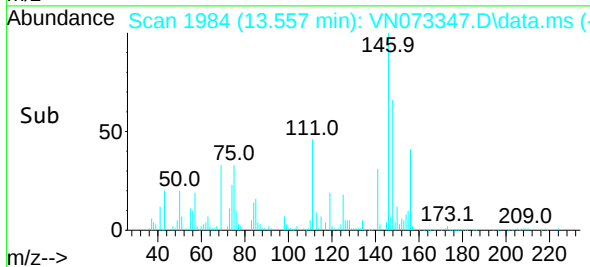
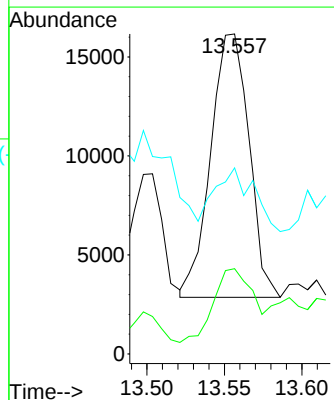
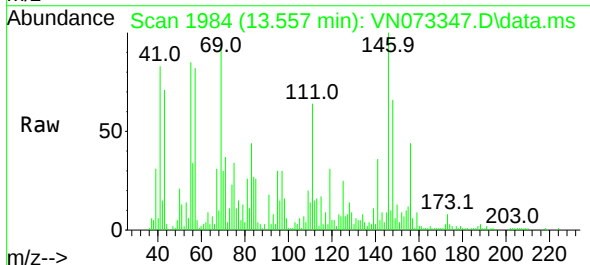
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-3

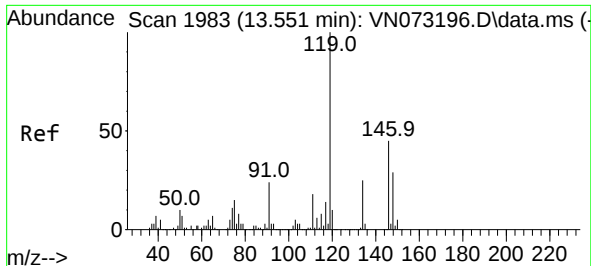
Tgt Ion:105 Resp: 63294
 Ion Ratio Lower Upper
 105 100
 134 44.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.200 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073347.D
 Acq: 06 Jul 2022 16:00

Tgt Ion:119 Resp: 22869
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.3 39.8
 91 24.4 11.3 33.9

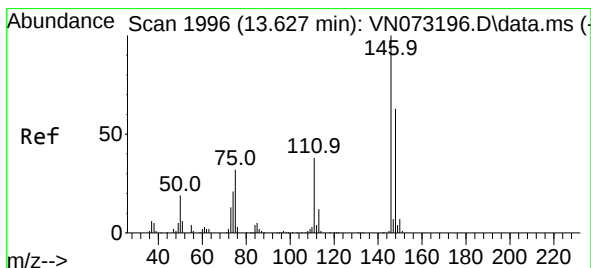
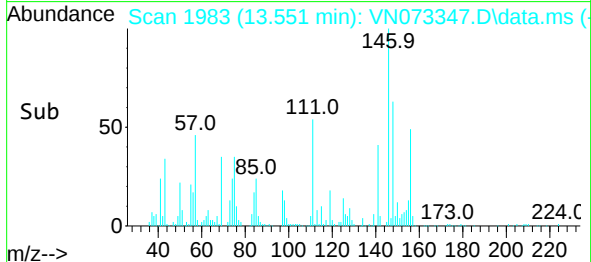
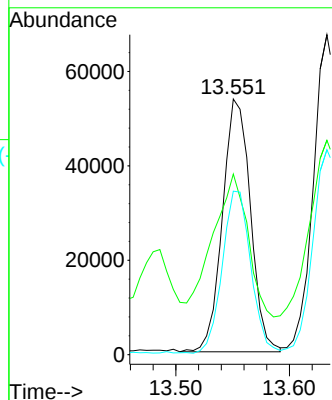
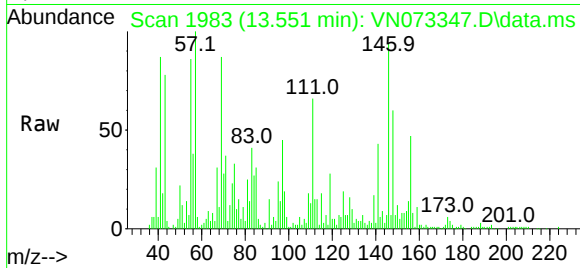




#87
1,3-Dichlorobenzene
Concen: 9.150 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

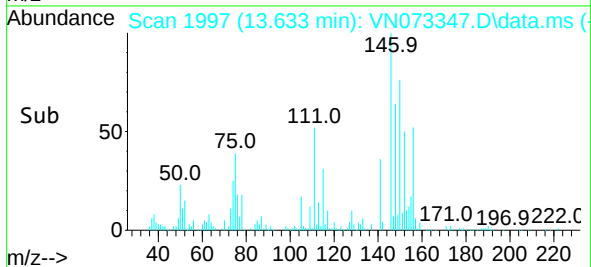
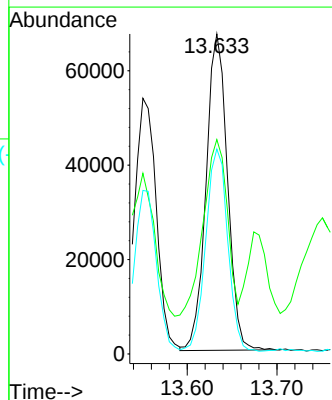
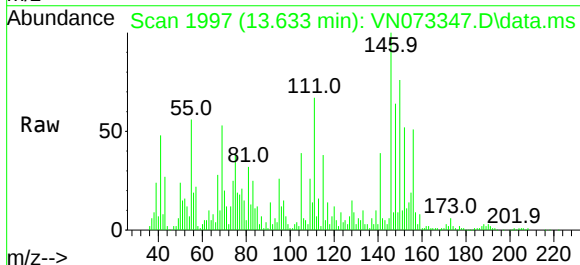
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-3

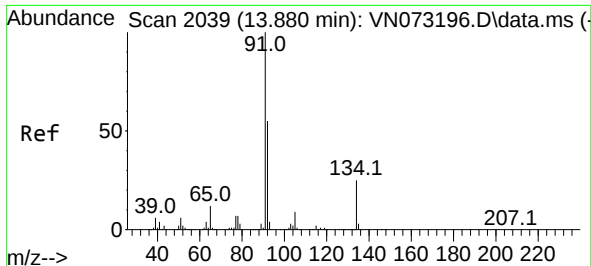
Tgt Ion:146 Resp: 91772
Ion Ratio Lower Upper
146 100
111 70.0 20.0 60.0#
148 64.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 11.043 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073347.D
Acq: 06 Jul 2022 16:00

Tgt Ion:146 Resp: 110980
Ion Ratio Lower Upper
146 100
111 61.8 19.1 57.1#
148 65.9 31.4 94.3





#89

n-Butylbenzene

Concen: 4.758 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

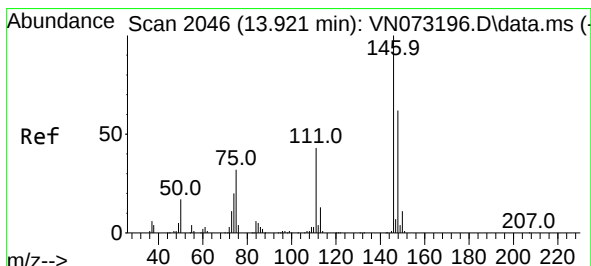
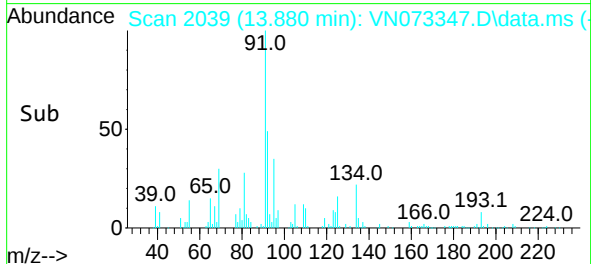
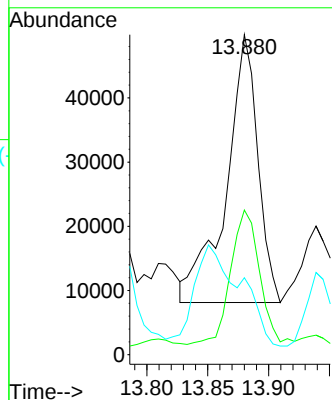
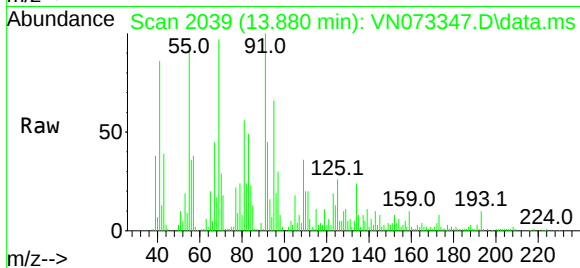
Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-3

Tgt Ion: 91	Resp:	75570
Ion Ratio	Lower	Upper
91	100	
92	46.7	26.9 80.7
134	0.0	13.6 40.8



#91

1,2-Dichlorobenzene

Concen: 19.859 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VN073347.D

Acq: 06 Jul 2022 16:00

Tgt Ion: 146	Resp:	202902
Ion Ratio	Lower	Upper
146	100	
111	68.0	20.9 62.8
148	64.8	32.1 96.3

