

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073966.D
 Acq On : 17 Aug 2022 10:52
 Operator : JC\MD
 Sample : VN0817MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBL01

Quant Time: Aug 17 15:30:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

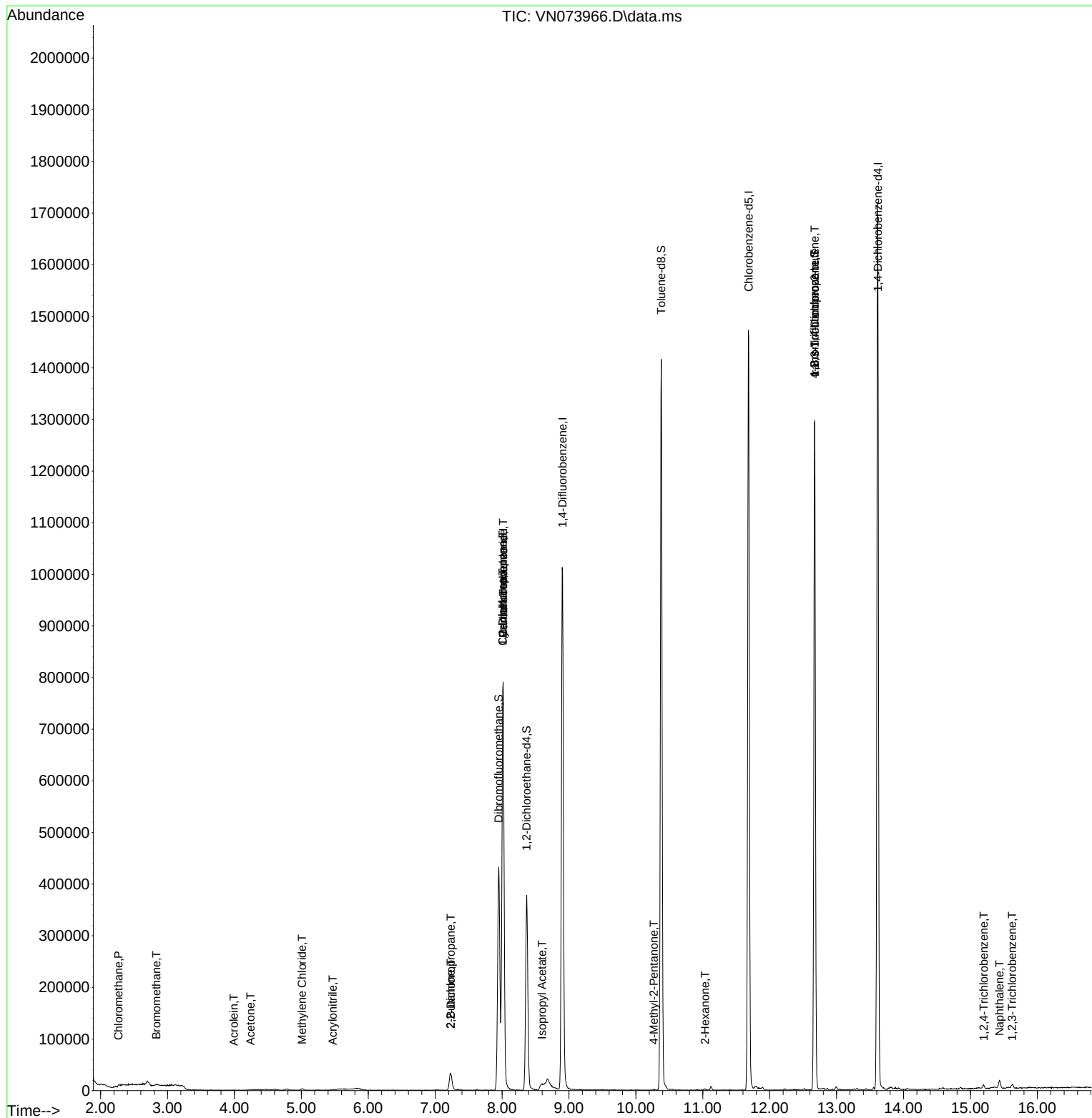
Internal Standards						
1) Pentafluorobenzene	8.016	168	683006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	980803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	940569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	515350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	322063	48.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	7.951	113	314371	54.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.400%		
50) Toluene-d8	10.380	98	1026145	45.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.360%		
62) 4-Bromofluorobenzene	12.668	95	433447	58.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.280%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1414	0.235	ug/l #	87
5) Bromomethane	2.834	94	2662	0.551	ug/l	86
13) Acrolein	3.993	56	264	0.253	ug/l #	40
15) Acrylonitrile	5.469	53	869	0.239	ug/l #	89
16) Acetone	4.240	43	2355	0.750	ug/l	89
18) Methyl Acetate	4.787	43	5221	Below Cal	#	83
20) Methylene Chloride	5.010	84	2533	0.382	ug/l #	78
25) 2-Butanone	7.234	43	3005	0.604	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	2546	0.257	ug/l #	53
31) Cyclohexane	8.010	56	10895	1.175	ug/l #	20
36) 1,1-Dichloropropene	8.010	75	42399	5.263	ug/l #	50
38) Carbon Tetrachloride	8.016	117	60439	6.563	ug/l #	17
43) Isopropyl Acetate	8.598	43	11597	0.834	ug/l #	53
51) 4-Methyl-2-Pentanone	10.269	43	2060	0.219	ug/l #	72
59) 2-Hexanone	11.033	43	2893	0.400	ug/l	68
76) 1,2,3-Trichloropropane	12.674	75	215181	20.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	215181	57.136	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.198	180	2899	0.262	ug/l	93
95) Naphthalene	15.433	128	15894	0.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	3925	0.343	ug/l	94

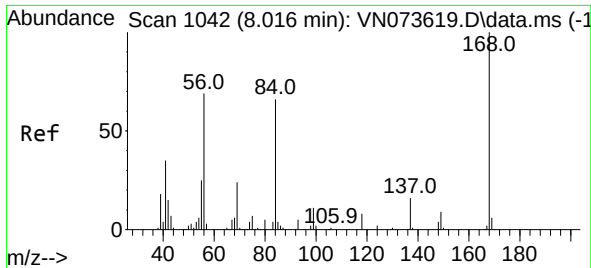
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 17 15:30:09 2022
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Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

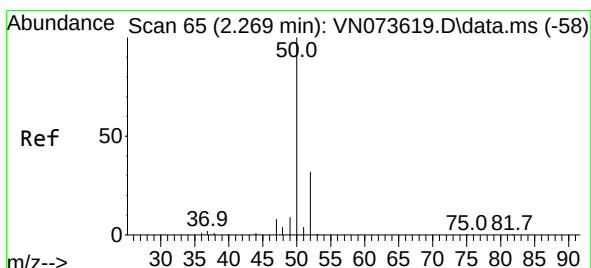
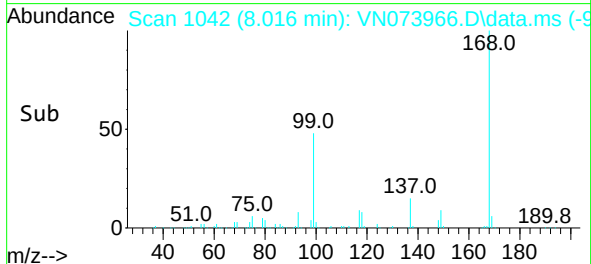
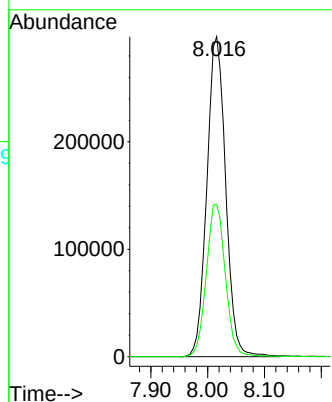
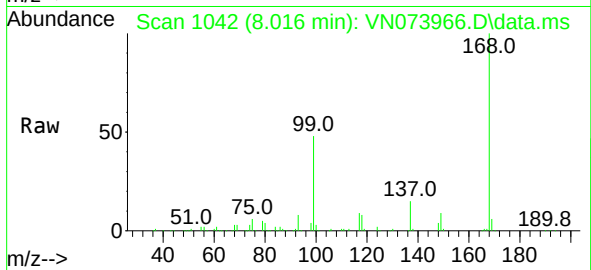




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

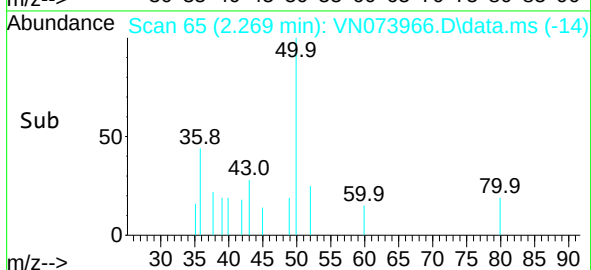
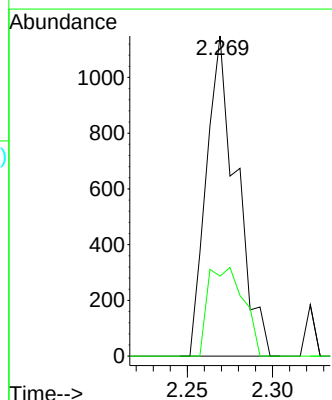
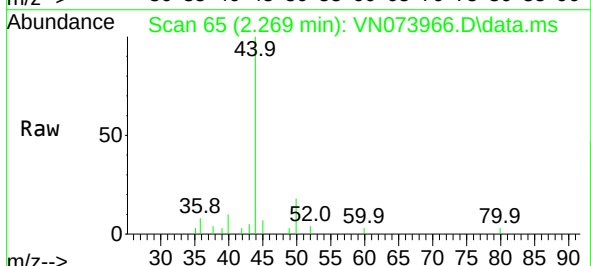
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

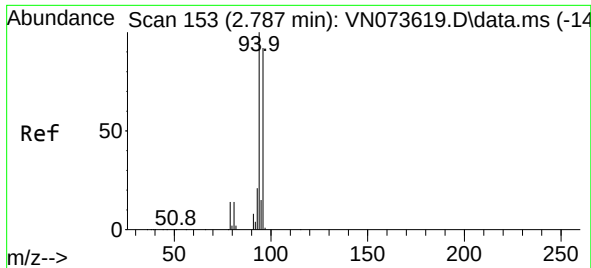
Tgt Ion:168 Resp: 683006
Ion Ratio Lower Upper
168 100
99 47.6 42.3 63.5



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 50 Resp: 1414
Ion Ratio Lower Upper
50 100
52 25.0 25.7 38.5#

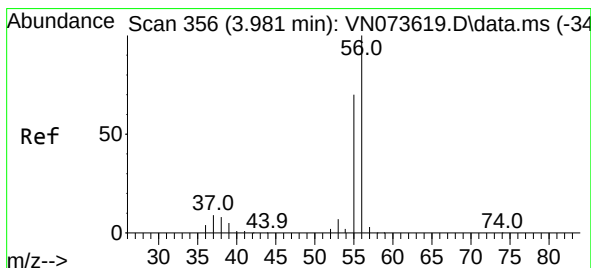
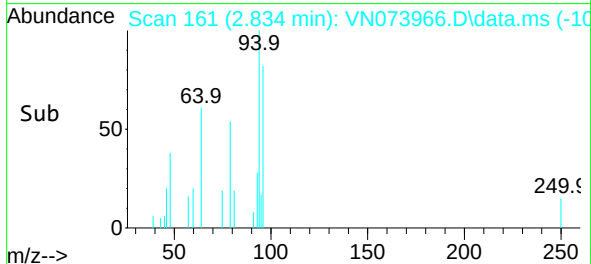
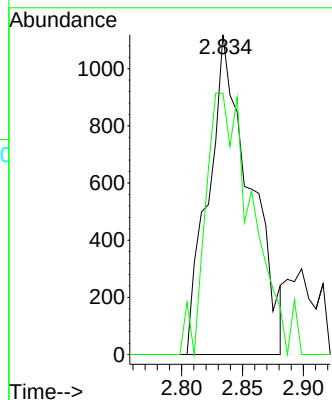
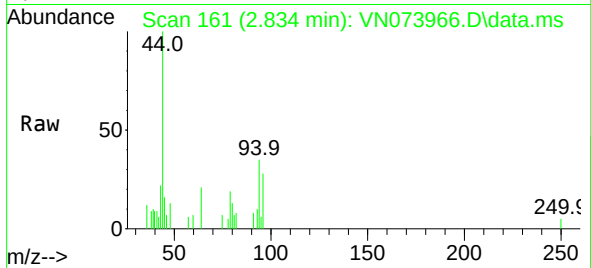




#5
Bromomethane
Concen: 0.551 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

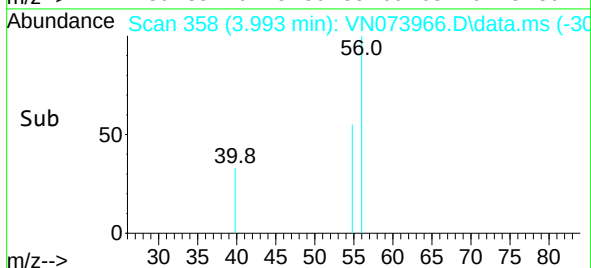
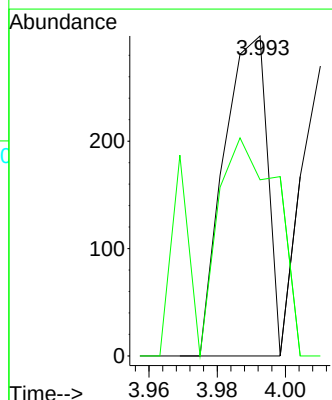
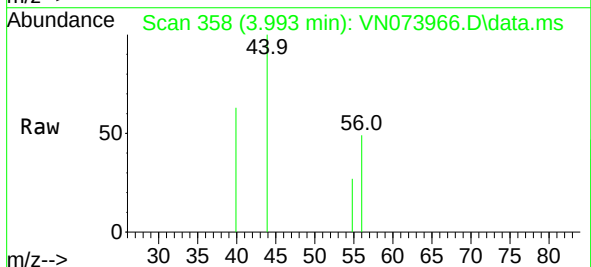
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

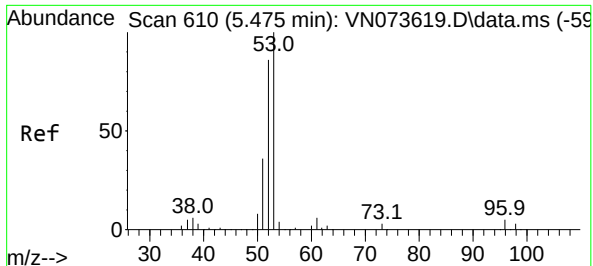
Tgt Ion: 94 Resp: 2662
Ion Ratio Lower Upper
94 100
96 81.7 76.0 114.0



#13
Acrolein
Concen: 0.253 ug/l
RT: 3.993 min Scan# 358
Delta R.T. 0.012 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

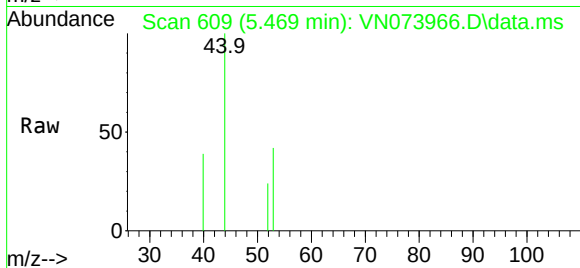
Tgt Ion: 56 Resp: 264
Ion Ratio Lower Upper
56 100
55 117.4 54.8 82.2#



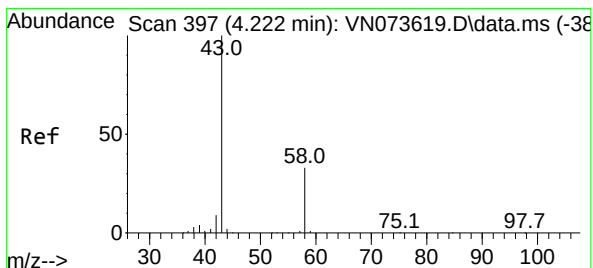
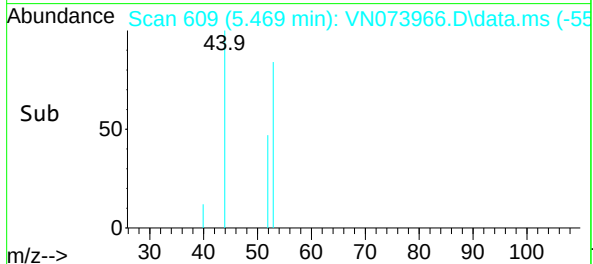
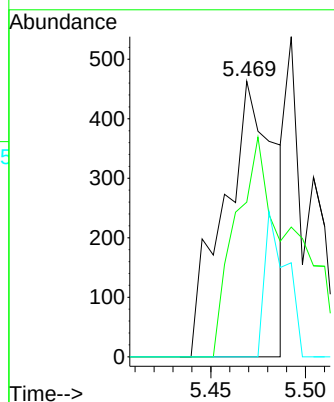


#15
Acrylonitrile
Concen: 0.239 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

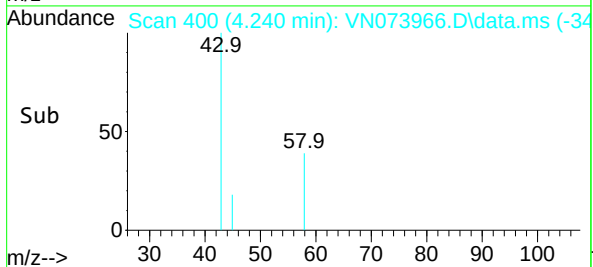
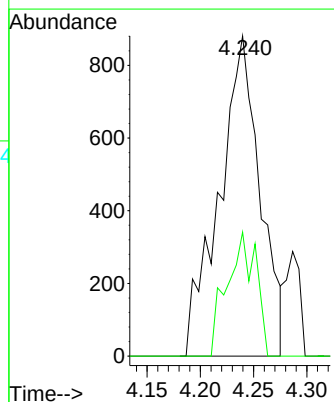
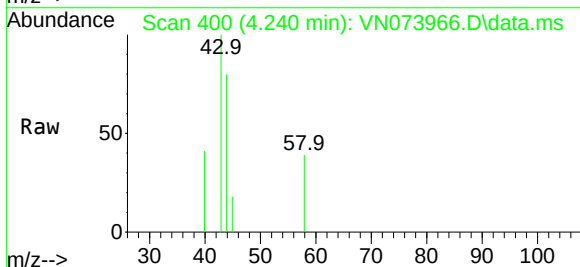


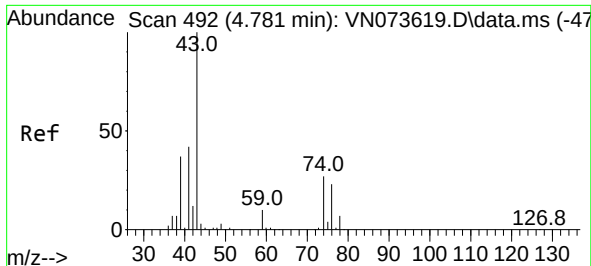
Tgt Ion: 53 Resp: 869
Ion Ratio Lower Upper
53 100
52 88.6 66.4 99.6
51 22.4 28.5 42.7#



#16
Acetone
Concen: 0.750 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 38.7 26.0 39.0

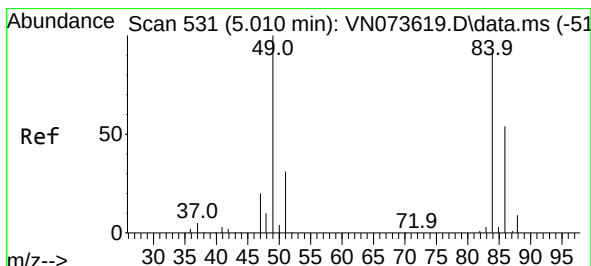
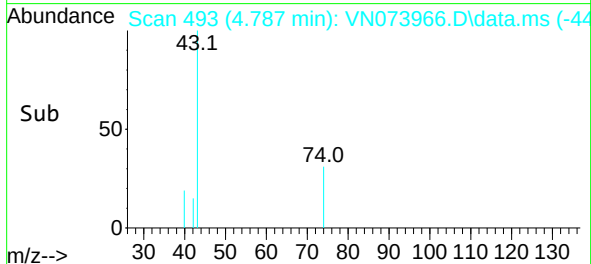
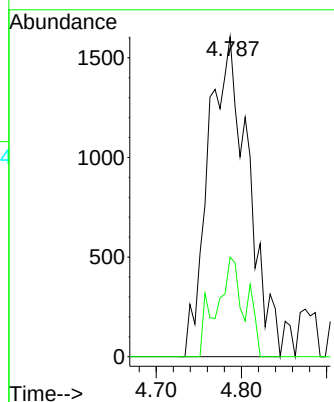
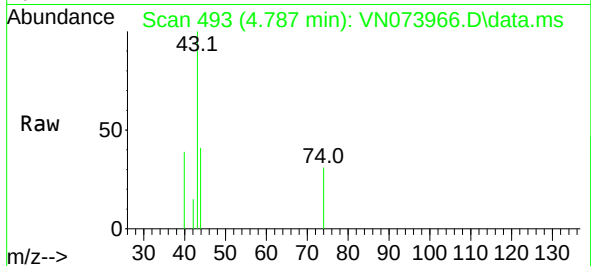




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

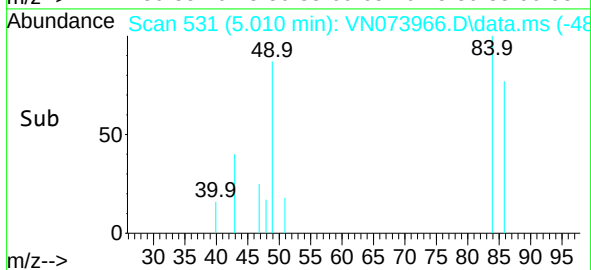
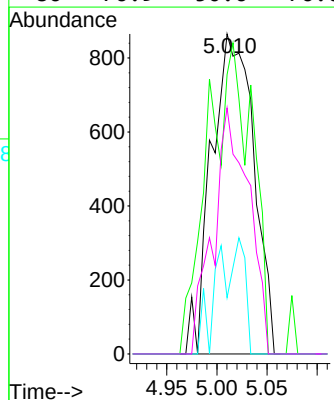
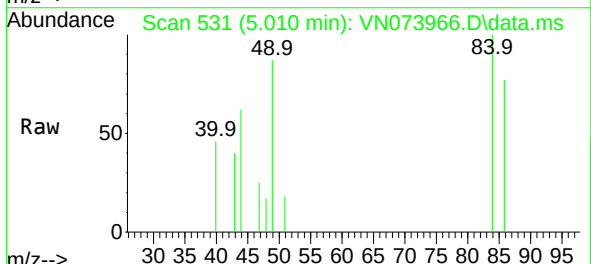
Instrument :
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ClientSampleId :
VN0817MBL01

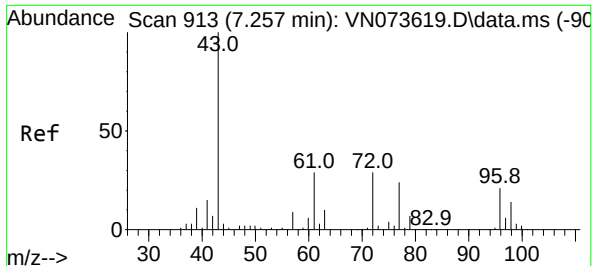
Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
74 18.3 21.6 32.4#



#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 84 Resp: 2533
Ion Ratio Lower Upper
84 100
49 87.3 88.3 132.5#
51 17.6 28.2 42.2#
86 76.9 50.6 76.0#





#25

2-Butanone

Concen: 0.604 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN073966.D

Acq: 17 Aug 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

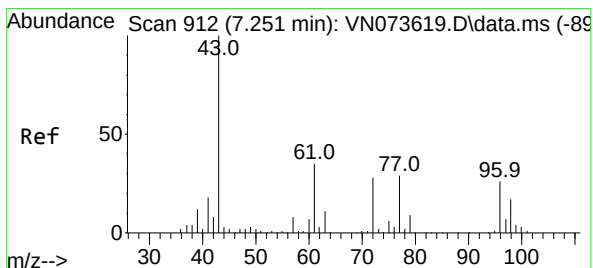
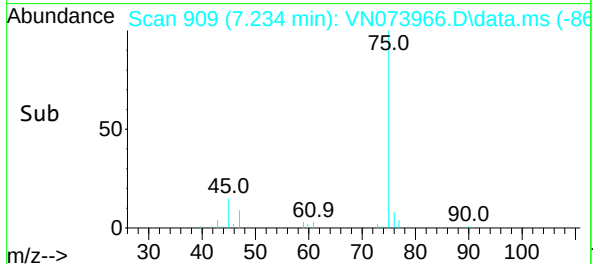
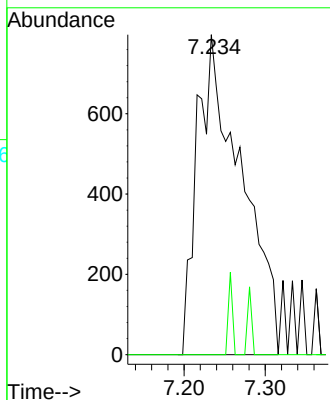
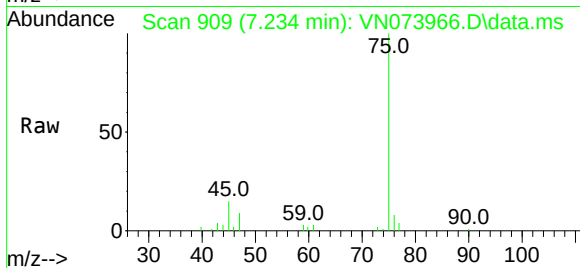
VN0817MBL01

Tgt Ion: 43 Resp: 3005

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.257 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.017 min

Lab File: VN073966.D

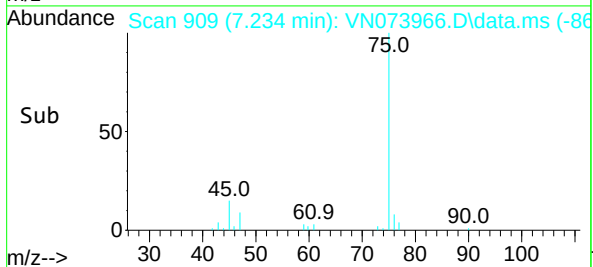
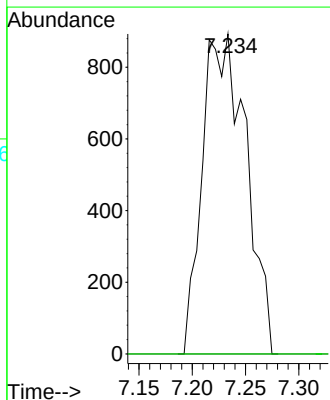
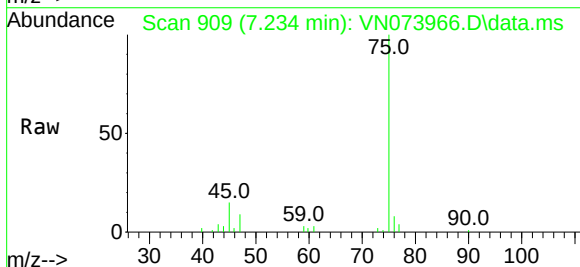
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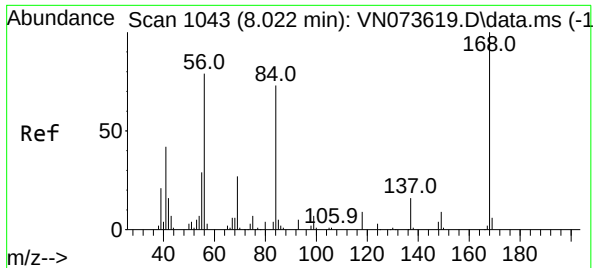
Tgt Ion: 77 Resp: 2546

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

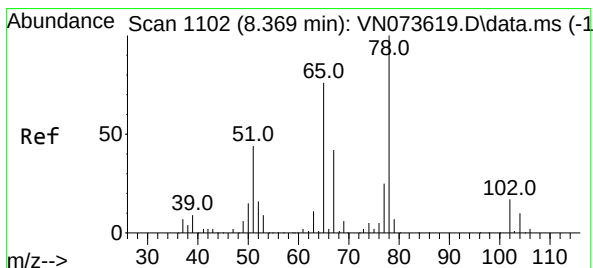
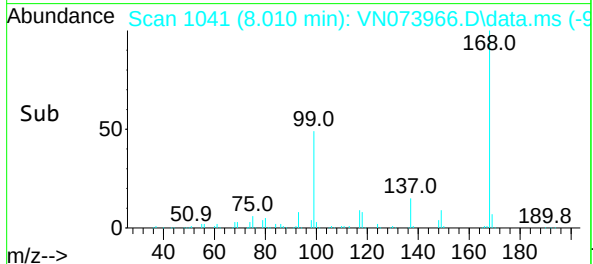
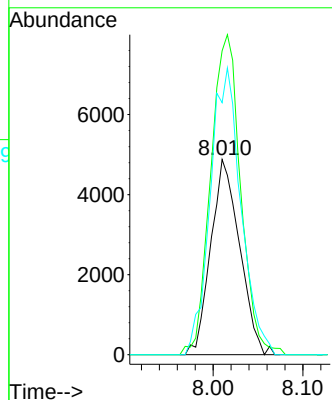
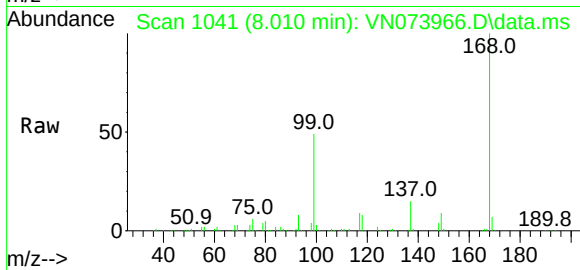




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

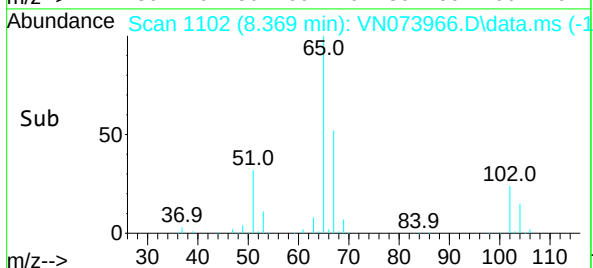
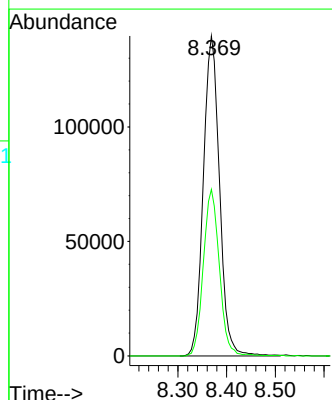
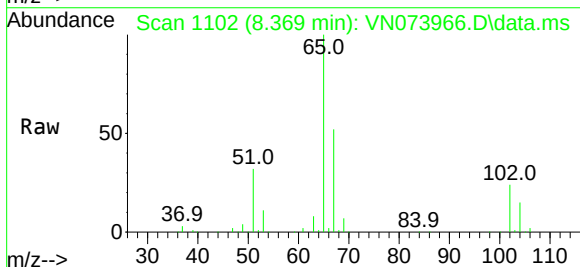
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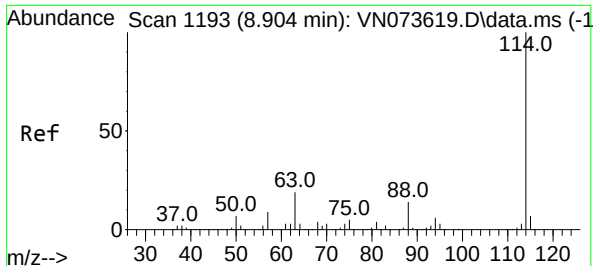
Tgt Ion: 56 Resp: 10895
Ion Ratio Lower Upper
56 100
69 155.6 27.8 41.8#
84 129.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.413 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 65 Resp: 322063
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073966.D

Acq: 17 Aug 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBL01

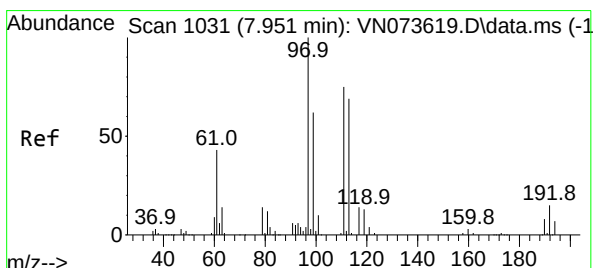
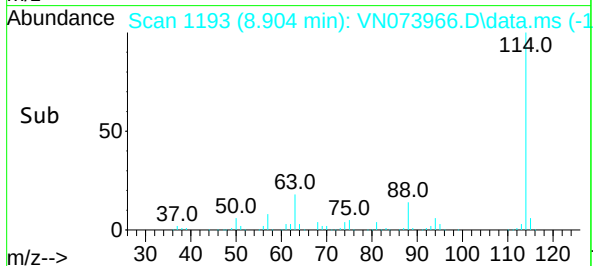
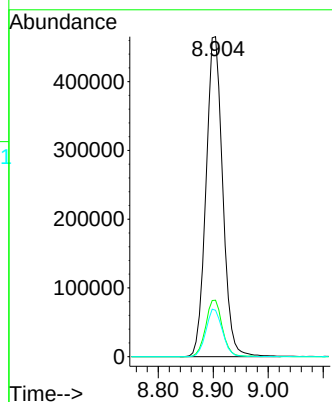
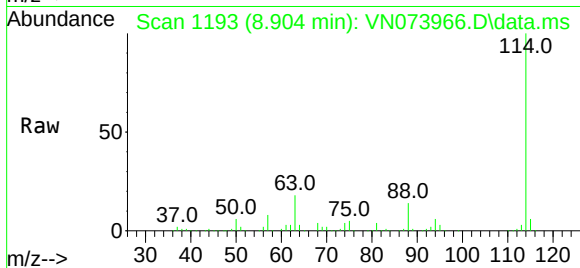
Tgt Ion:114 Resp: 980803

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.199 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073966.D

Acq: 17 Aug 2022 10:52

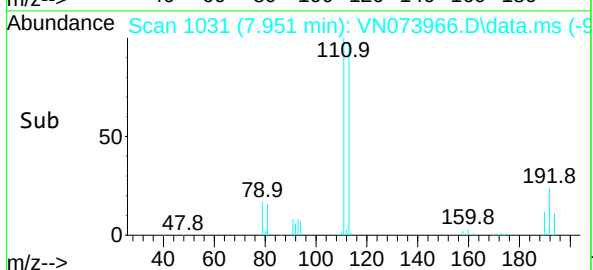
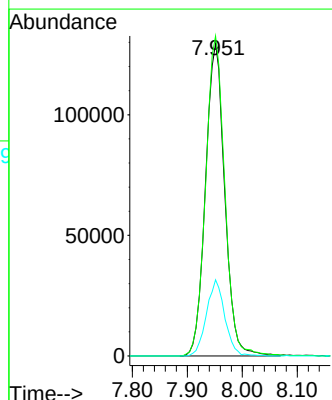
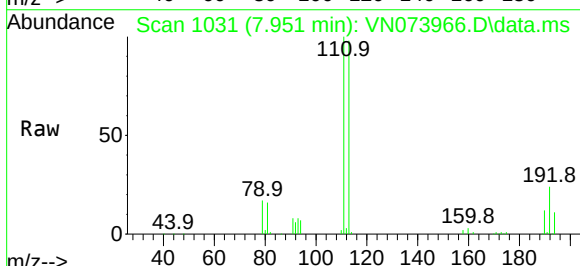
Tgt Ion:113 Resp: 314371

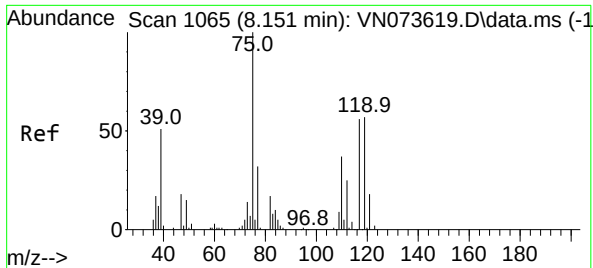
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.4 17.0 25.6

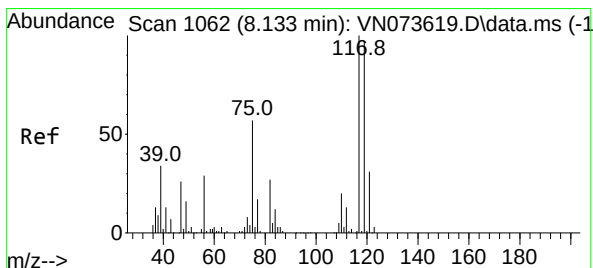
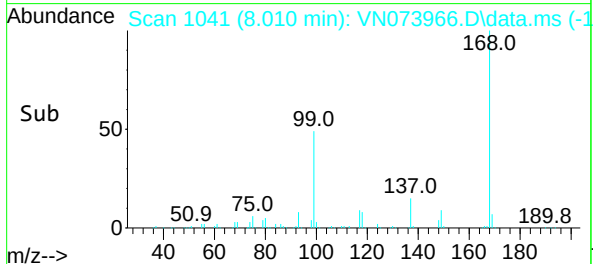
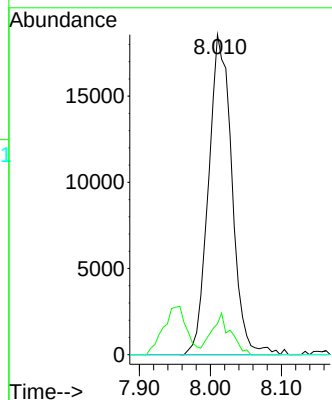
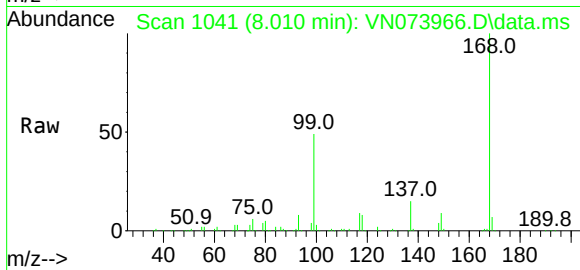




#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

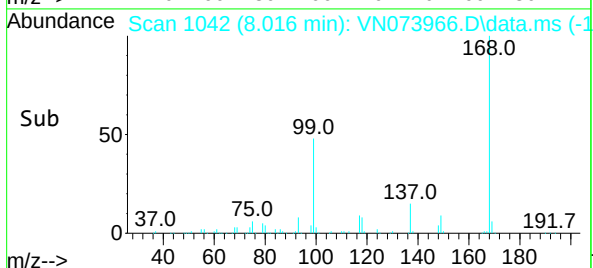
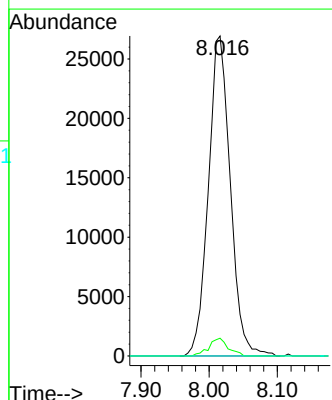
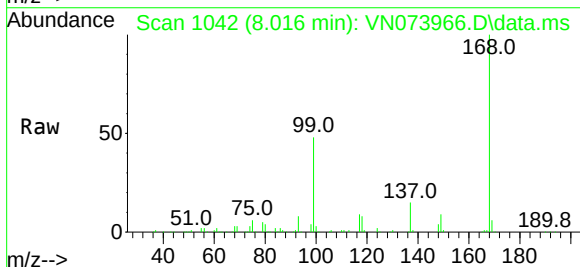
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

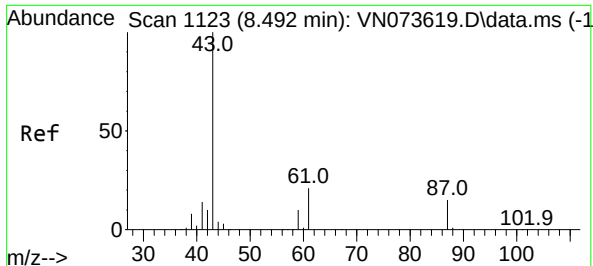
Tgt Ion: 75 Resp: 42399
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 117 Resp: 60439
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#

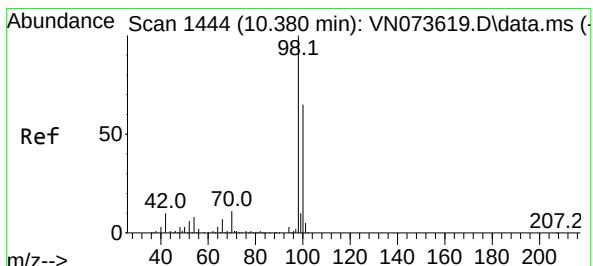
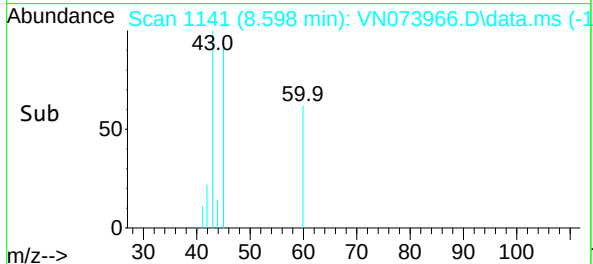
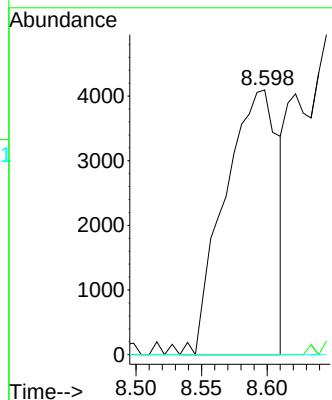
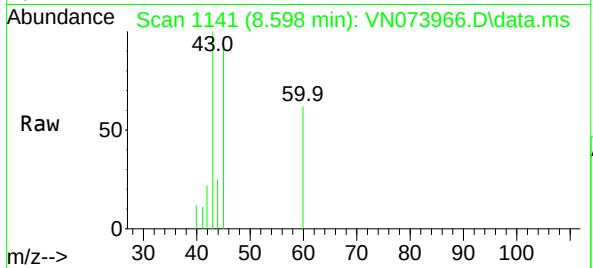




#43
Isopropyl Acetate
Concen: 0.834 ug/l
RT: 8.598 min Scan# 1123
Delta R.T. 0.106 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

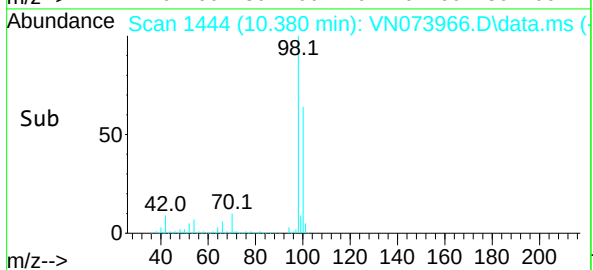
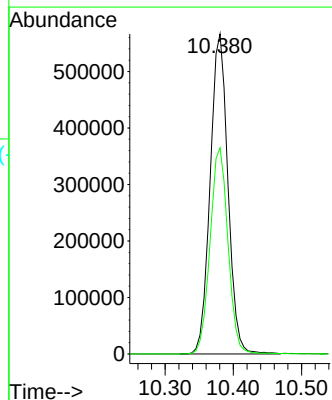
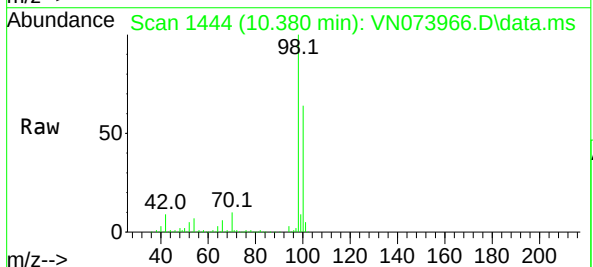
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

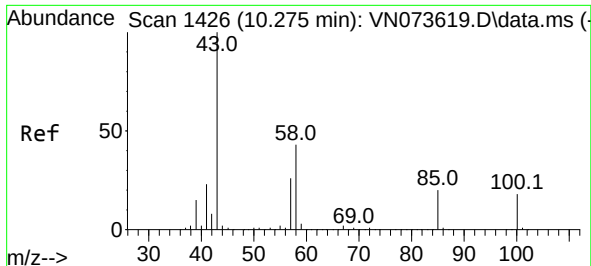
Tgt Ion: 43 Resp: 11597
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.679 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 98 Resp: 1026145
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

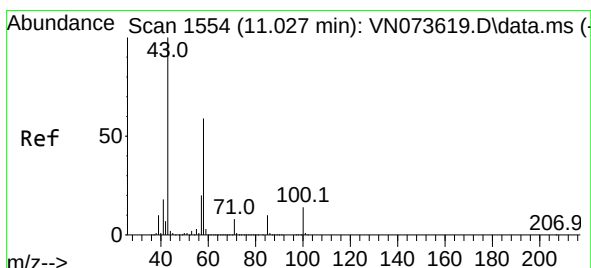
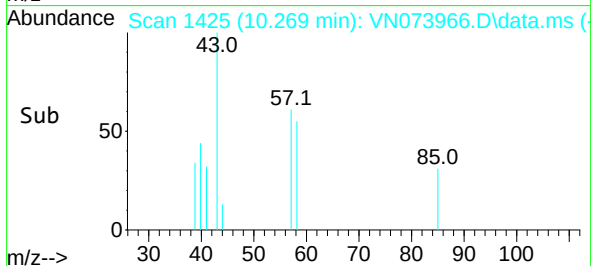
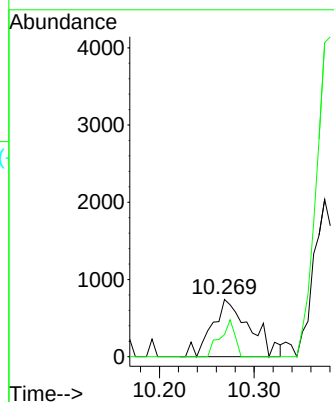
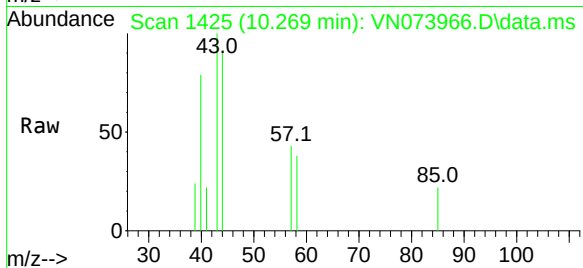




#51
4-Methyl-2-Pentanone
Concen: 0.219 ug/l
RT: 10.269 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

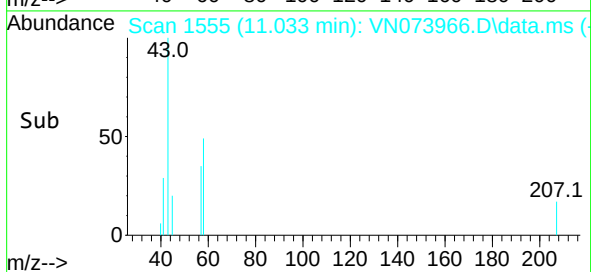
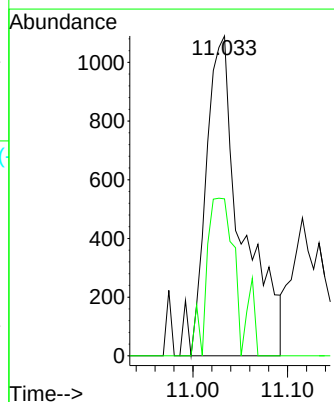
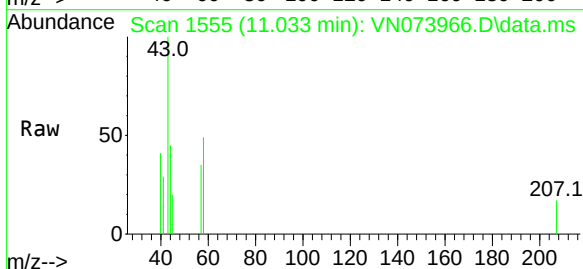
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

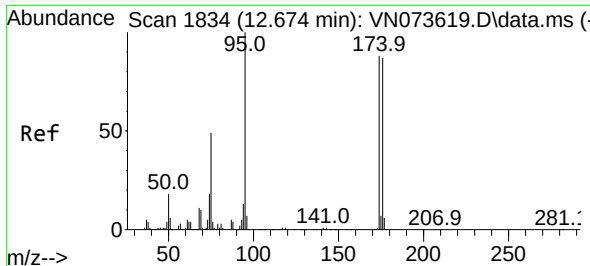
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
58 25.0 34.1 51.1#



#59
2-Hexanone
Concen: 0.400 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
58 35.6 29.7 89.1

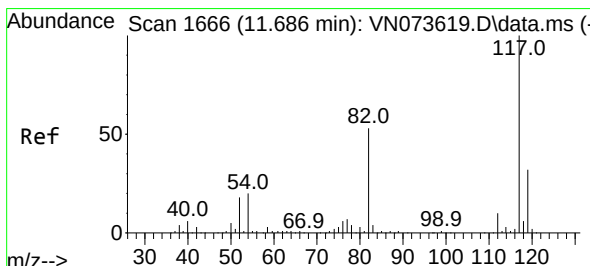
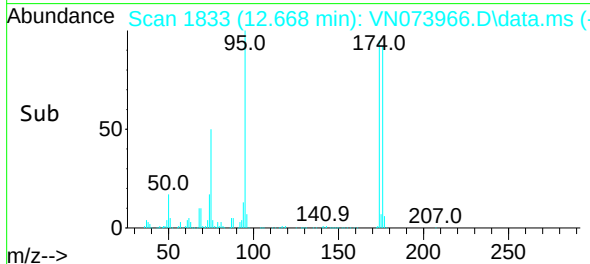
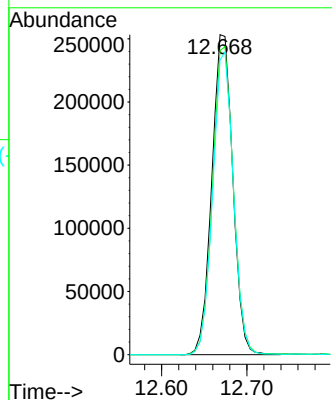
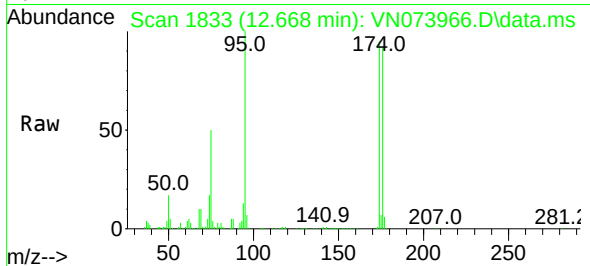




#62
4-Bromofluorobenzene
Concen: 58.138 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

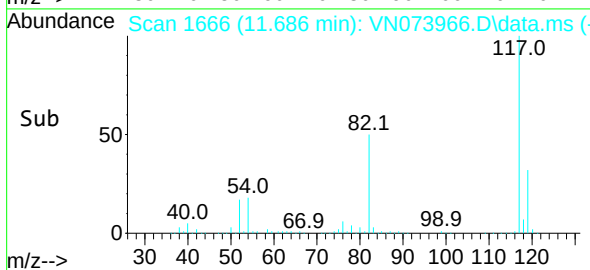
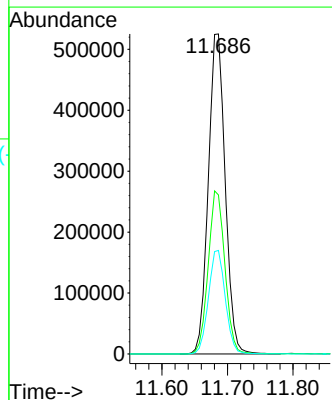
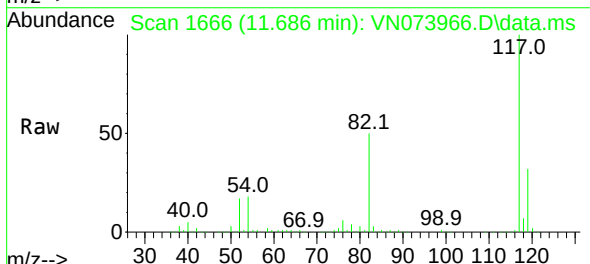
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

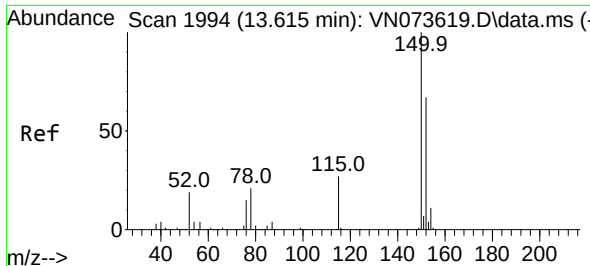
Tgt Ion: 95 Resp: 433447
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 93.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 117 Resp: 940569
Ion Ratio Lower Upper
117 100
82 49.7 44.2 66.2
119 32.4 25.4 38.0

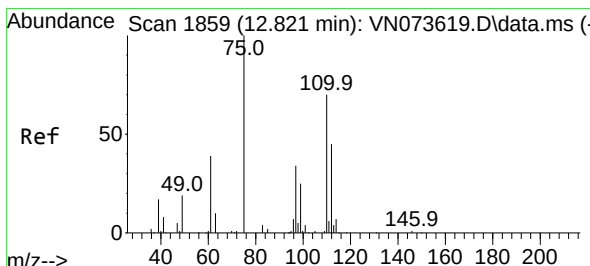
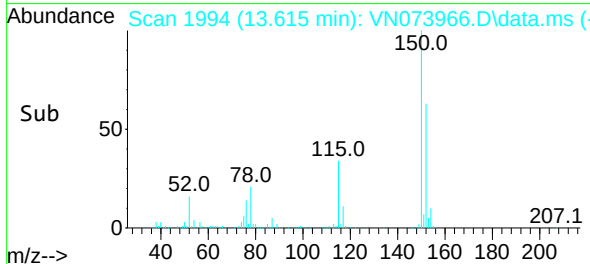
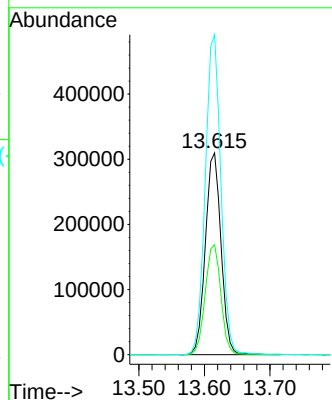
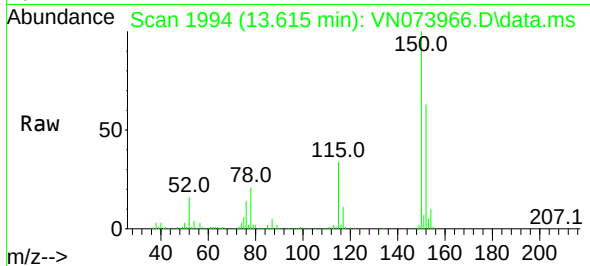




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073966.D
 Acq: 17 Aug 2022 10:52

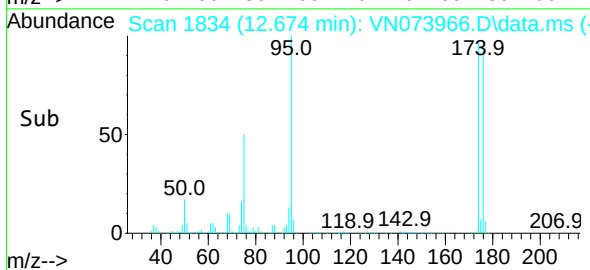
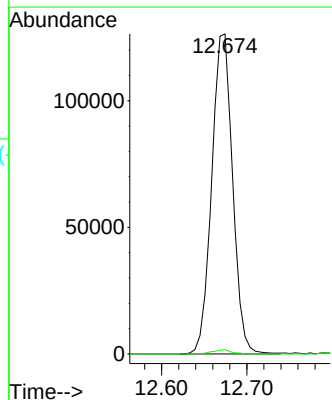
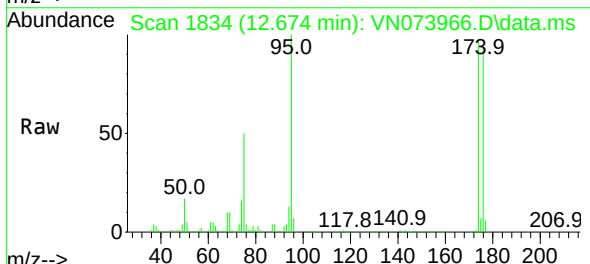
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBL01

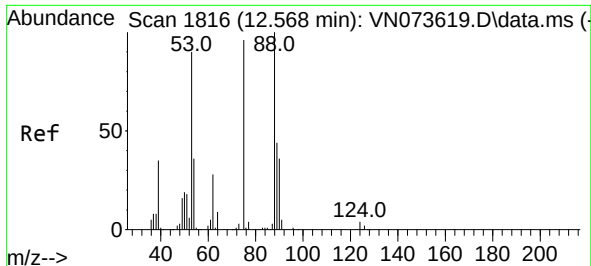
Tgt Ion:152 Resp: 515350
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.089 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073966.D
 Acq: 17 Aug 2022 10:52

Tgt Ion: 75 Resp: 215181
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

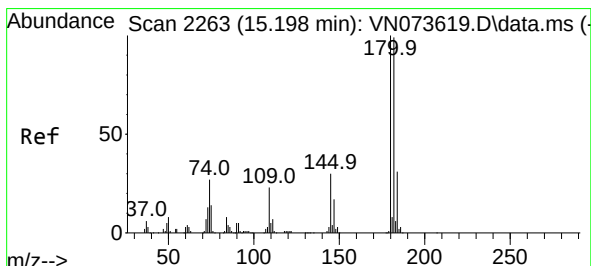
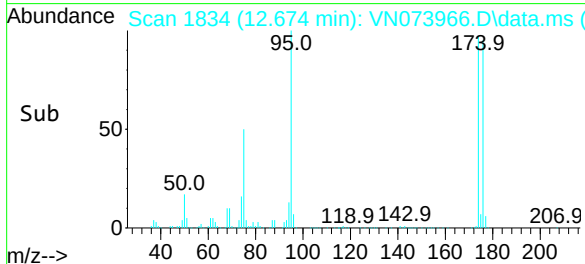
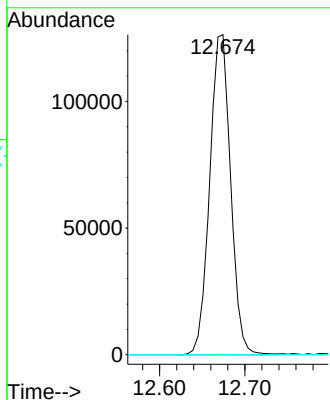
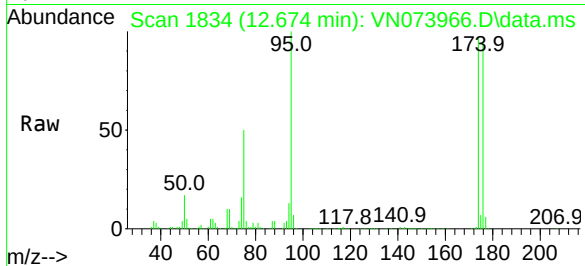




#81
trans-1,4-Dichloro-2-butene
Concen: 57.136 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

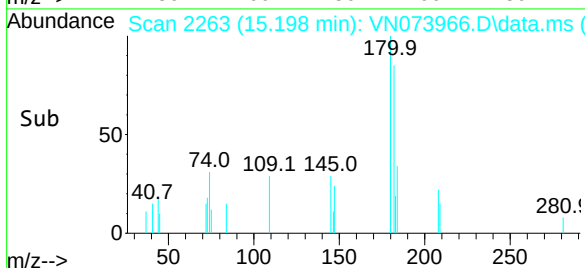
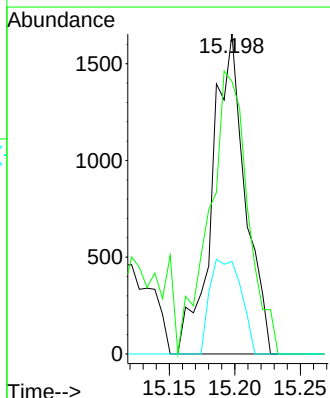
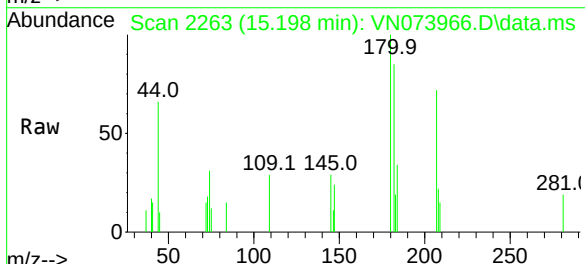
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

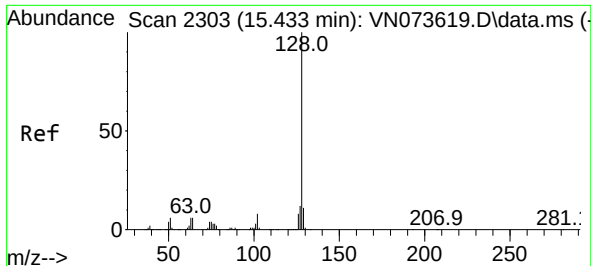
Tgt Ion: 75 Resp: 215181
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.262 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion:180 Resp: 2899
Ion Ratio Lower Upper
180 100
182 102.8 47.5 142.5
145 28.1 14.5 43.5

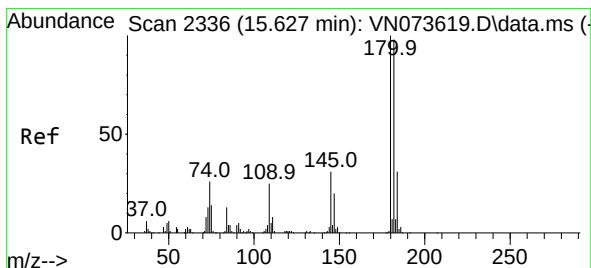
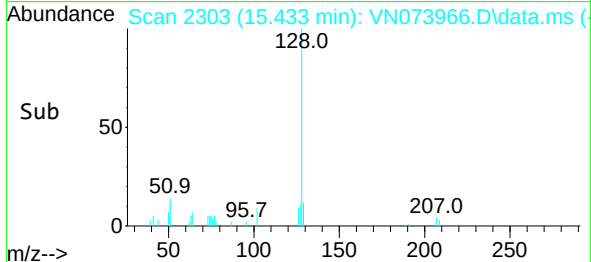
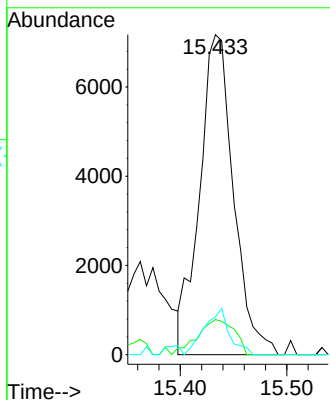
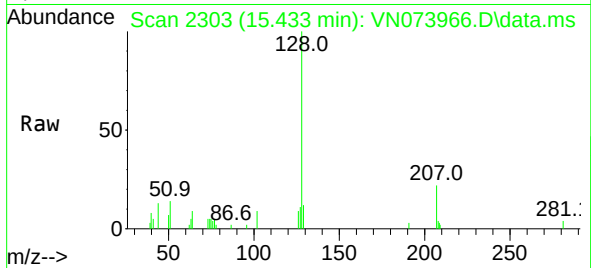




#95
Naphthalene
Concen: 0.440 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

Tgt Ion:128 Resp: 15894
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.343 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion:180 Resp: 3925
Ion Ratio Lower Upper
180 100
182 89.8 47.8 143.3
145 35.5 15.5 46.5

