

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074006.D
 Acq On : 18 Aug 2022 15:48
 Operator : JC\MD
 Sample : N4241-08 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1631

Quant Time: Aug 18 21:51:39 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)

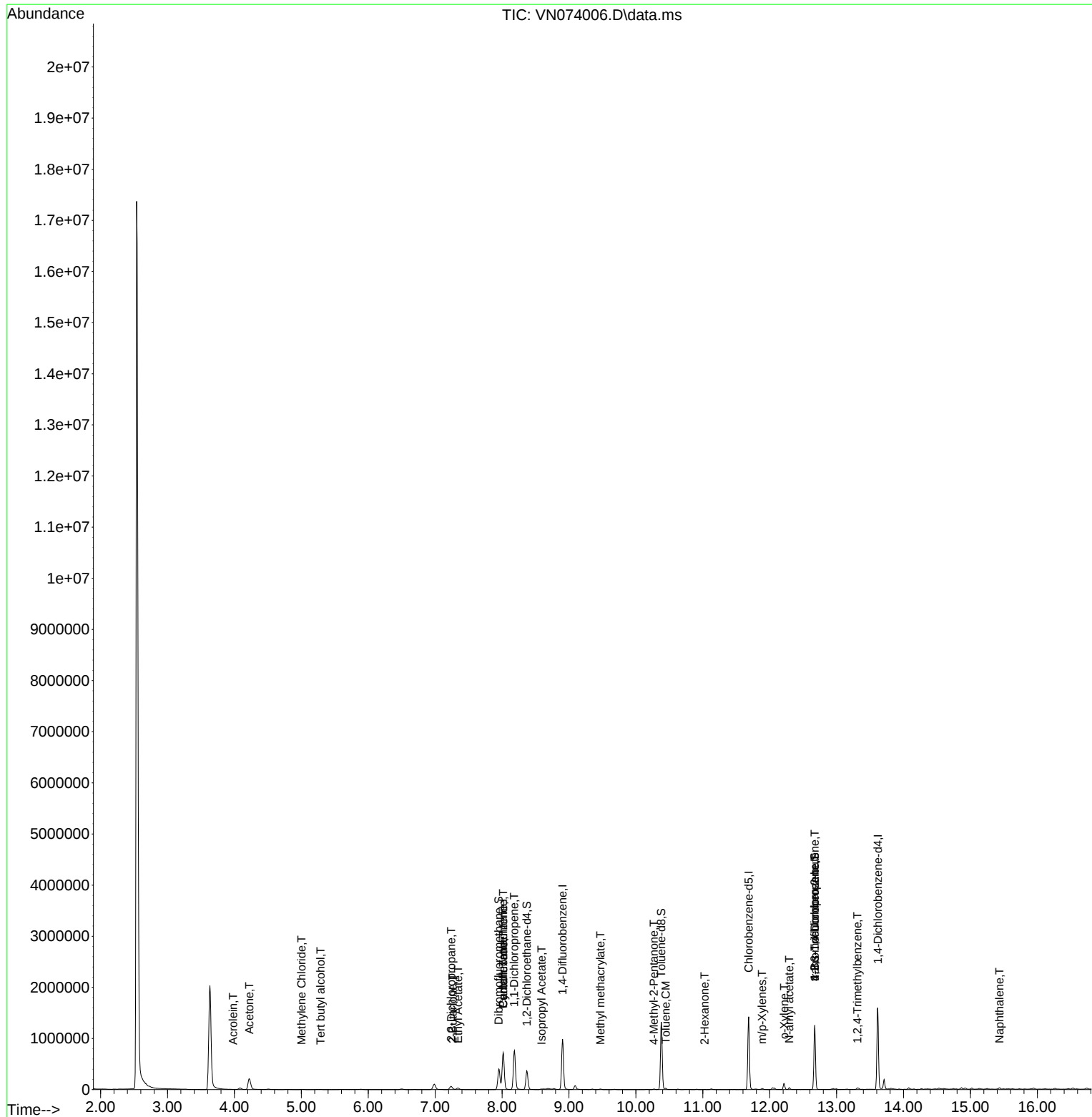
Internal Standards						
1) Pentafluorobenzene	8.016	168	620623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	925822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	874024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	480991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305412	50.524	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.040%	
35) Dibromofluoromethane	7.951	113	294514	53.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.580%	
50) Toluene-d8	10.380	98	967187	45.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.220%	
62) 4-Bromofluorobenzene	12.674	95	416193	59.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	2814	2.081	ug/l #	72
13) Acrolein	3.981	56	659	0.696	ug/l #	1
16) Acetone	4.222	43	393828	138.094	ug/l	100
18) Methyl Acetate	4.798	43	9082	Below Cal	#	89
20) Methylene Chloride	5.004	84	2038	0.339	ug/l #	75
25) 2-Butanone	7.263	43	11093	2.453	ug/l	91
26) 2,2-Dichloropropane	7.239	77	4543	0.505	ug/l #	53
31) Cyclohexane	8.016	56	10098	1.198	ug/l #	23
36) 1,1-Dichloropropene	8.181	75	3708	0.488	ug/l #	41
37) Ethyl Acetate	7.345	43	51637	5.605	ug/l	99
38) Carbon Tetrachloride	8.016	117	55640	6.401	ug/l #	17
43) Isopropyl Acetate	8.592	43	8603	0.655	ug/l #	53
48) Methyl methacrylate	9.469	41	2844	0.506	ug/l #	38
51) 4-Methyl-2-Pentanone	10.269	43	8156	0.919	ug/l	88
52) Toluene	10.445	92	8826	0.536	ug/l	88
59) 2-Hexanone	11.027	43	1844	0.270	ug/l #	55
68) m/p-Xylenes	11.886	106	5933	0.473	ug/l	95
69) o-Xylene	12.216	106	4269	0.339	ug/l	98
74) N-amyl acetate	12.292	43	20948	1.582	ug/l #	46
76) 1,2,3-Trichloropropane	12.674	75	207413	20.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	207413	59.008	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.310	105	22012	0.774	ug/l	74
95) Naphthalene	15.433	128	24670	0.732	ug/l	97

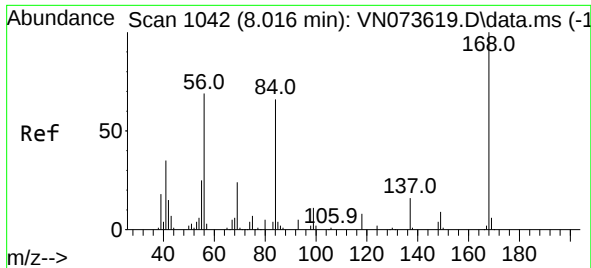
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
Data File : VN074006.D
Acq On : 18 Aug 2022 15:48
Operator : JC\MD
Sample : N4241-08 25X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

Quant Time: Aug 18 21:51:39 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

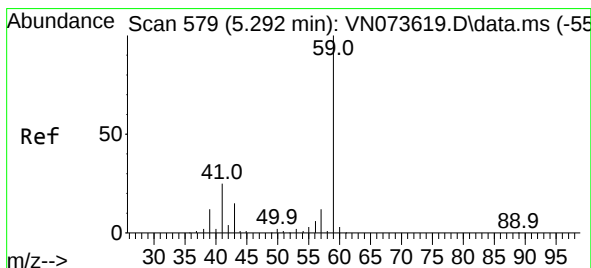
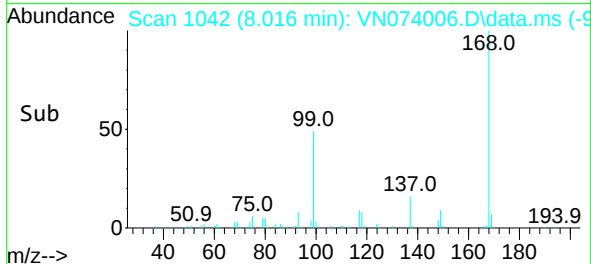
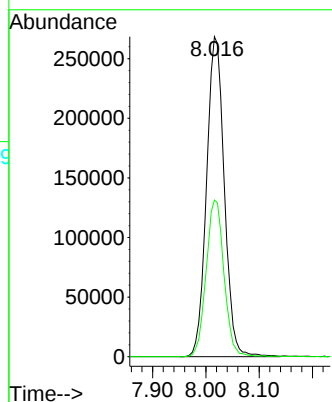
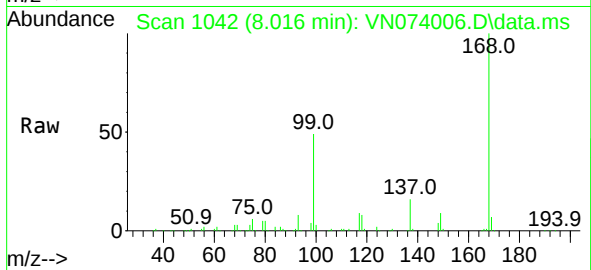




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

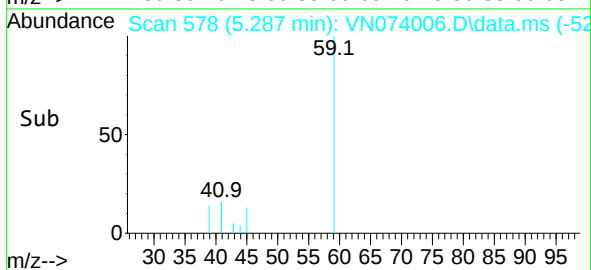
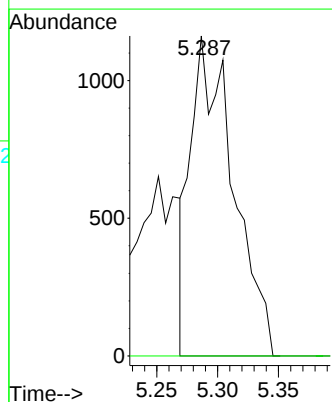
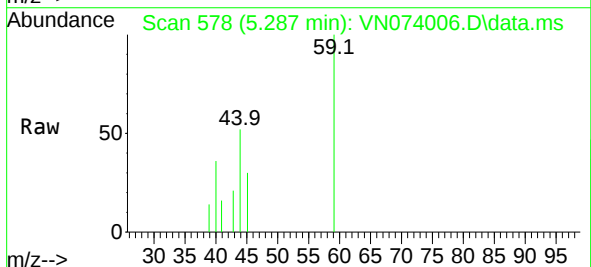
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

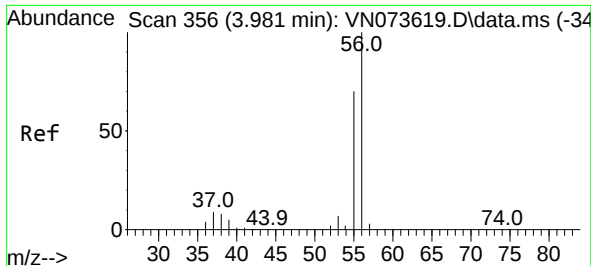
Tgt Ion:168 Resp: 620623
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 2.081 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 59 Resp: 2814
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

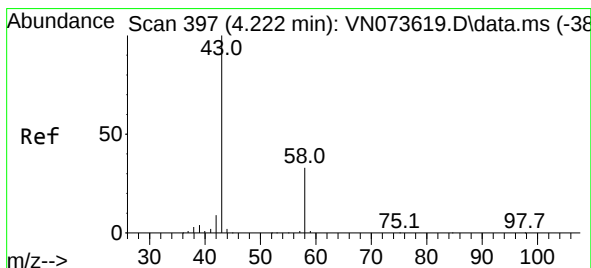
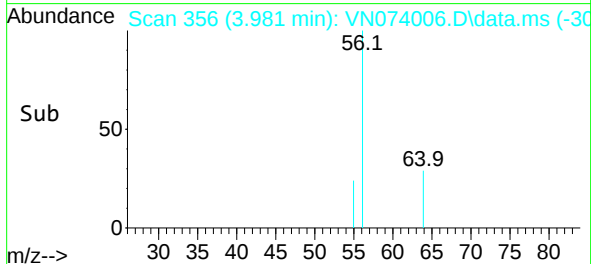
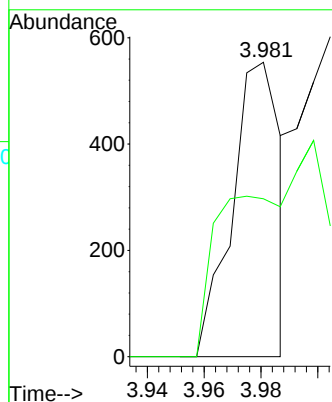
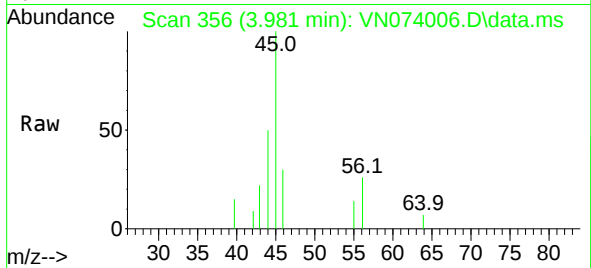




#13
Acrolein
Concen: 0.696 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

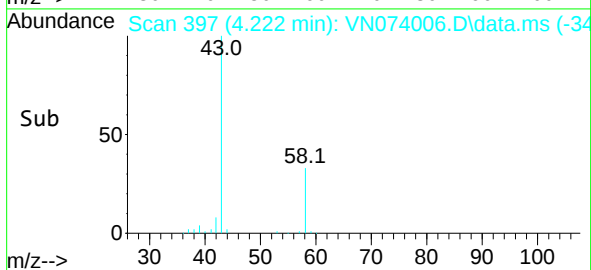
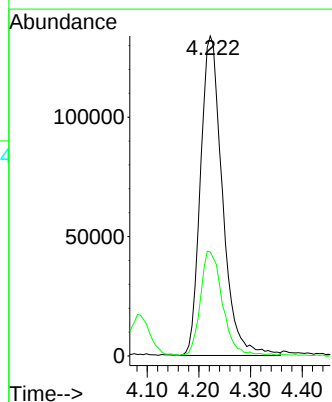
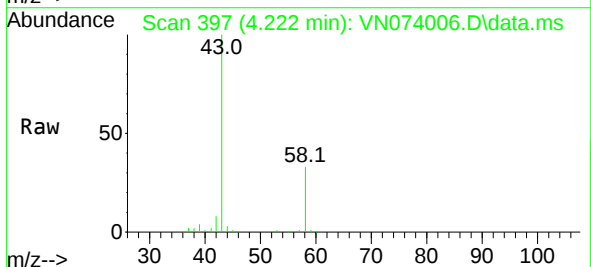
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

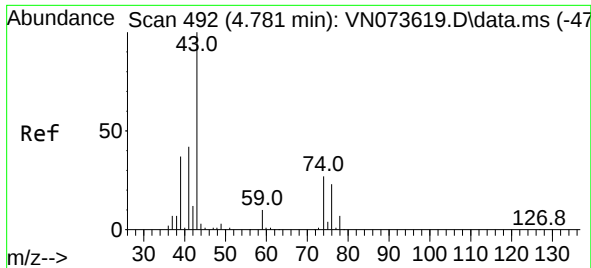
Tgt Ion: 56 Resp: 659
Ion Ratio Lower Upper
56 100
55 150.5 54.8 82.2#



#16
Acetone
Concen: 138.094 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 43 Resp: 393828
Ion Ratio Lower Upper
43 100
58 32.3 26.0 39.0

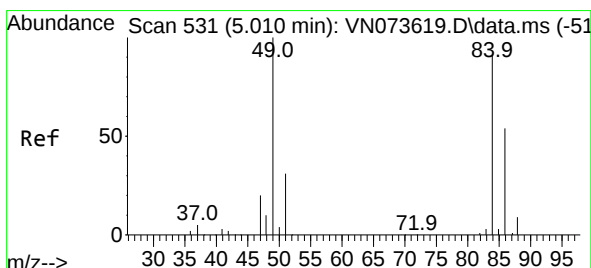
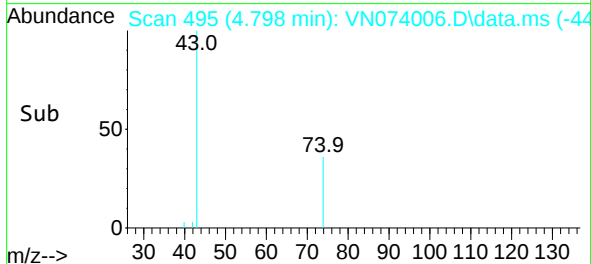
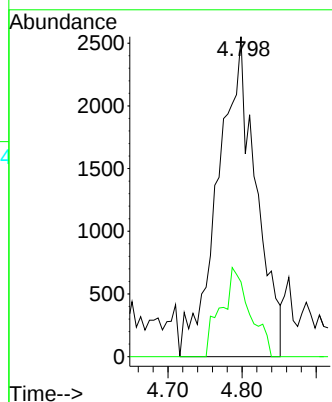
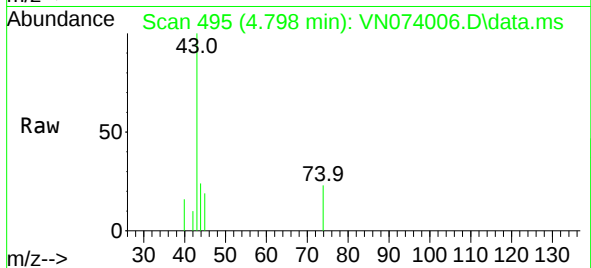




#18
Methyl Acetate
Concen: Below Cal
RT: 4.798 min Scan# 492
Delta R.T. 0.017 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

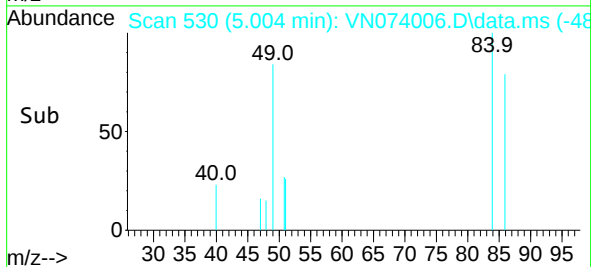
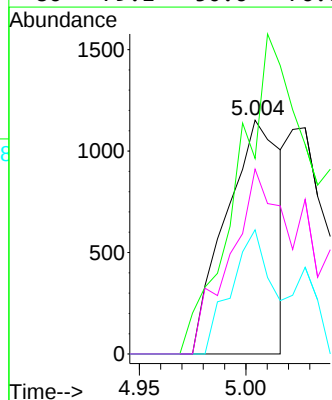
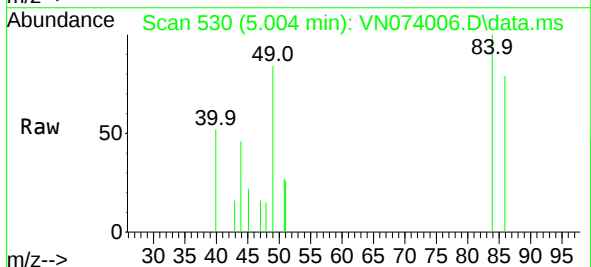
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

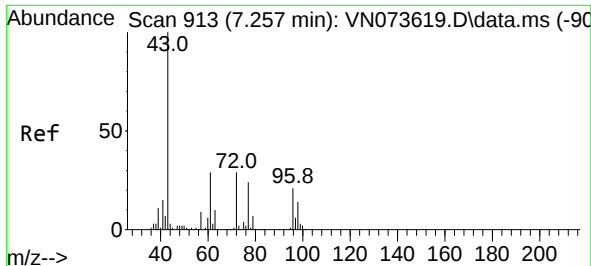
Tgt Ion: 43 Resp: 9082
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 84 Resp: 2038
Ion Ratio Lower Upper
84 100
49 83.7 88.3 132.5#
51 53.1 28.2 42.2#
86 79.1 50.6 76.0#

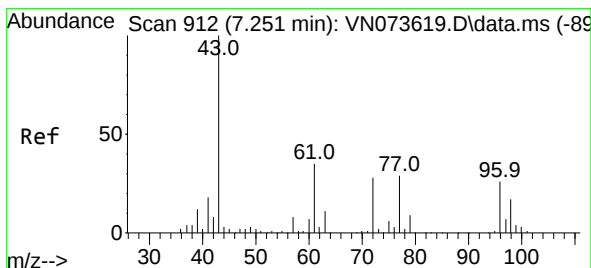
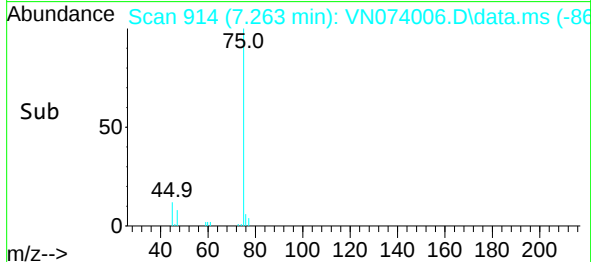
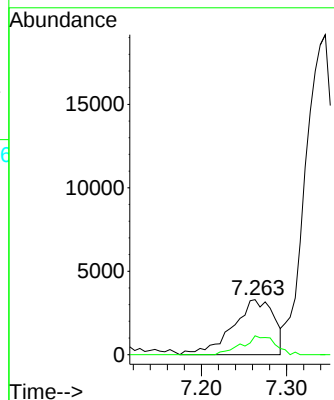
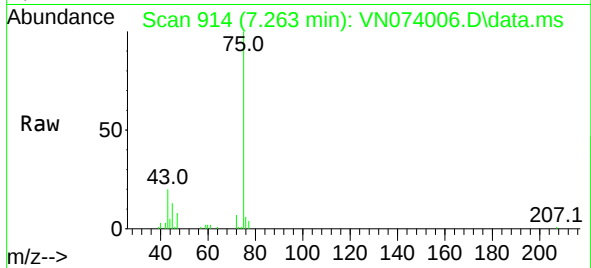




#25
2-Butanone
Concen: 2.453 ug/l
RT: 7.263 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

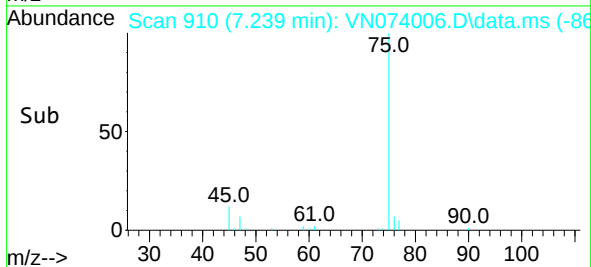
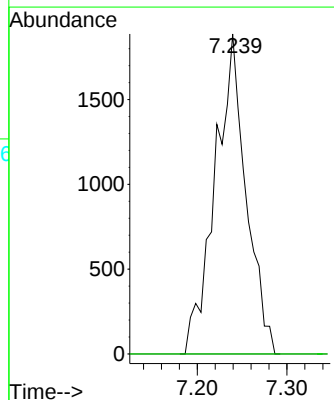
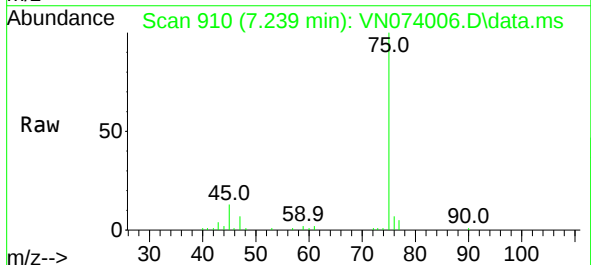
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

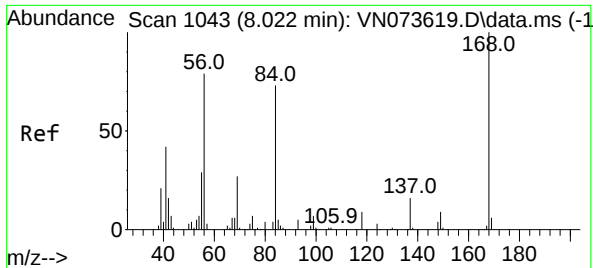
Tgt Ion: 43 Resp: 11093
Ion Ratio Lower Upper
43 100
72 34.3 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.505 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 77 Resp: 4543
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

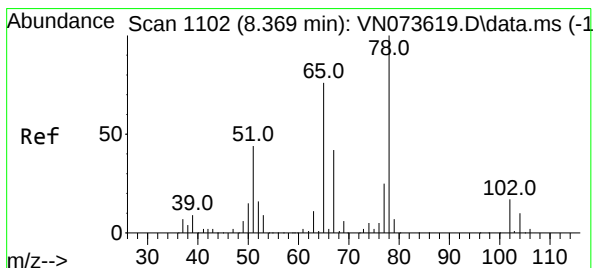
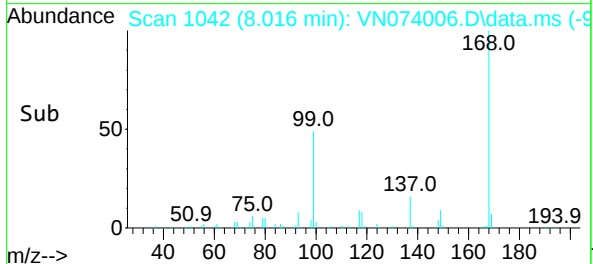
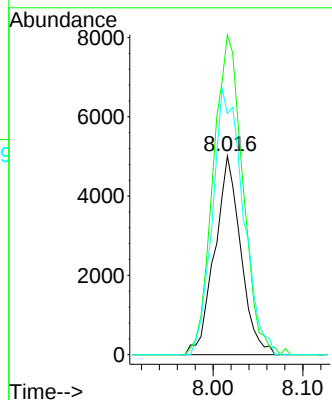
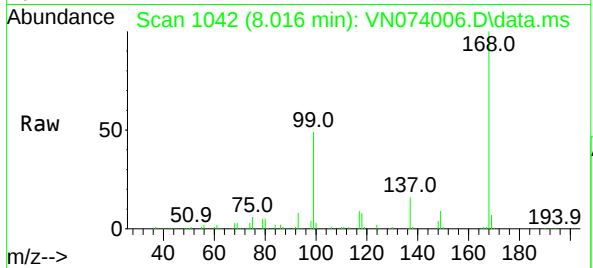




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

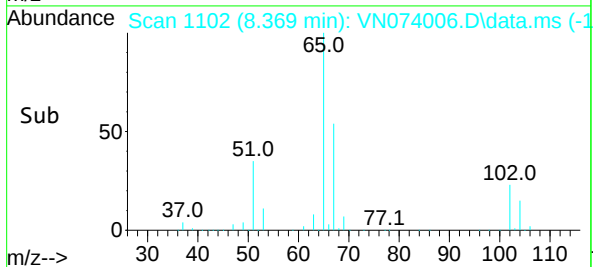
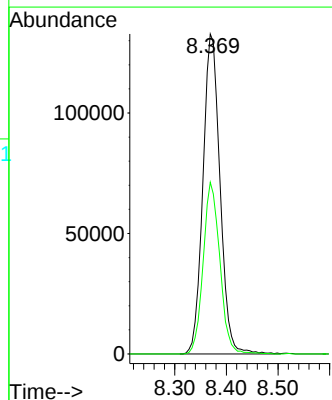
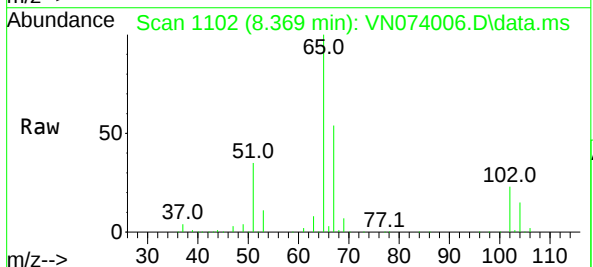
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

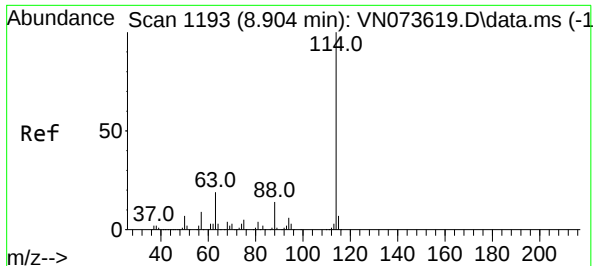
Tgt Ion: 56 Resp: 10098
Ion Ratio Lower Upper
56 100
69 161.0 27.8 41.8#
84 121.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.524 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 65 Resp: 305412
Ion Ratio Lower Upper
65 100
67 52.3 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: VN074006.D

Acq: 18 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TRE-1631

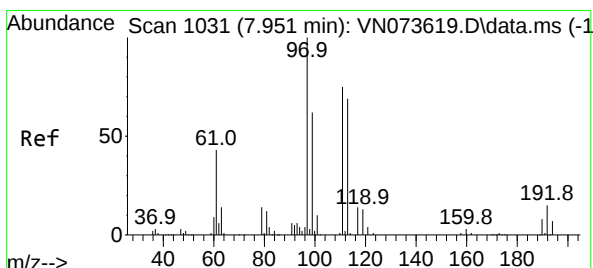
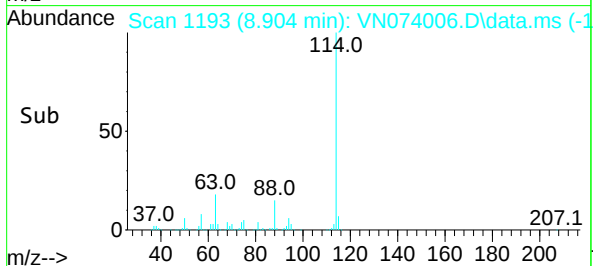
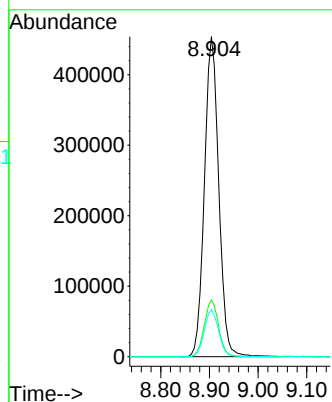
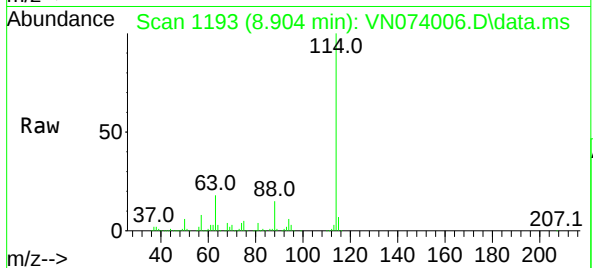
Tgt Ion:114 Resp: 925822

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.790 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074006.D

Acq: 18 Aug 2022 15:48

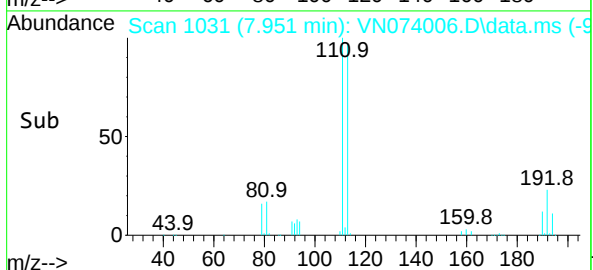
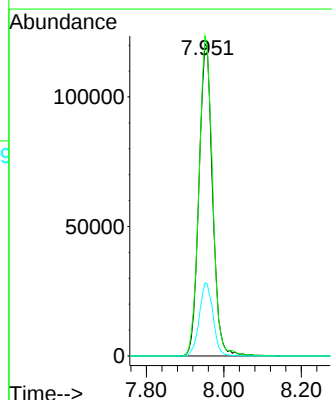
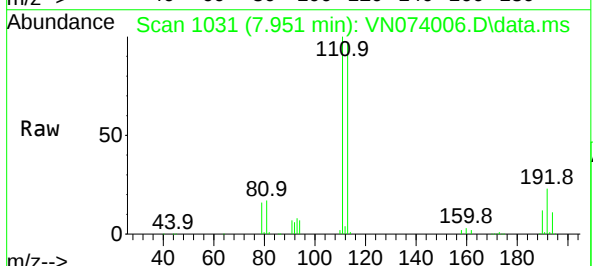
Tgt Ion:113 Resp: 294514

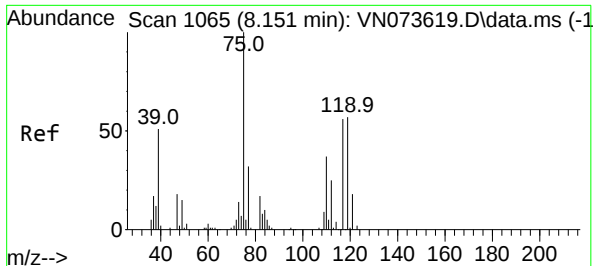
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 23.5 17.0 25.6

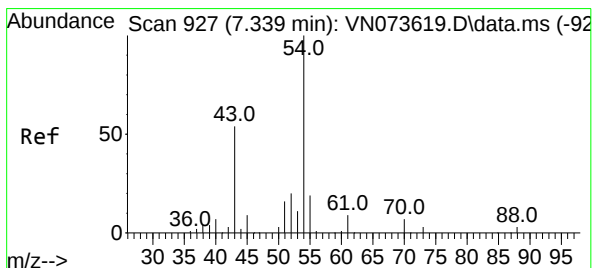
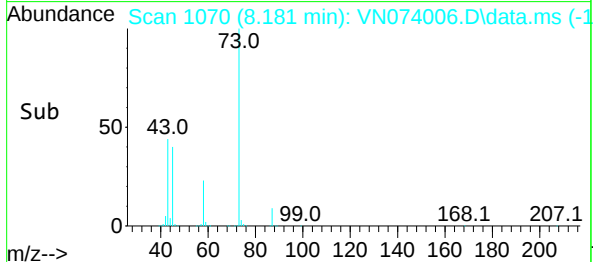
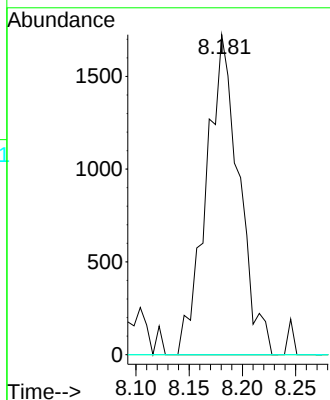
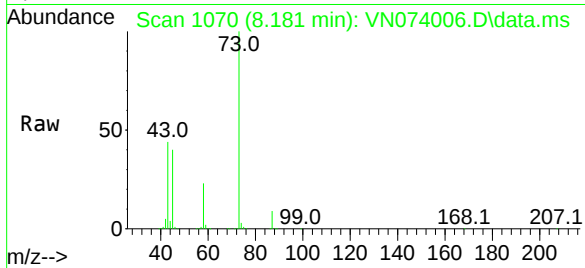




#36
1,1-Dichloropropene
Concen: 0.488 ug/l
RT: 8.181 min Scan# 1065
Delta R.T. 0.030 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

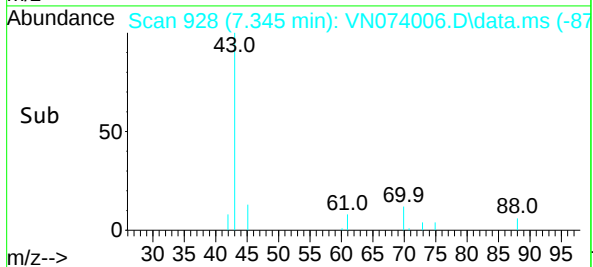
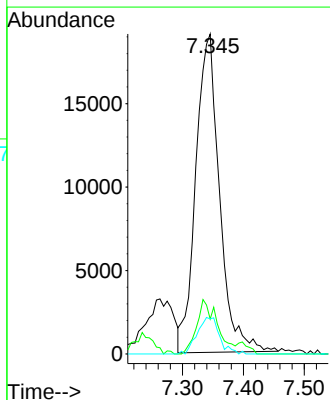
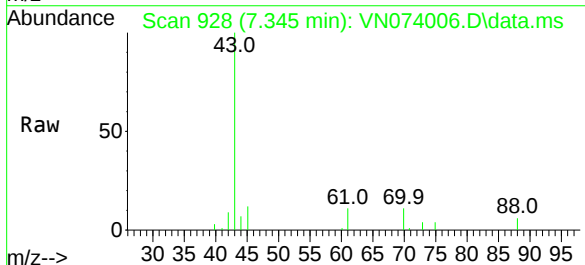
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

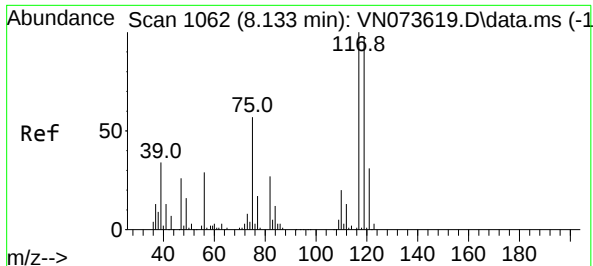
Tgt Ion: 75 Resp: 3708
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 5.605 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.006 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

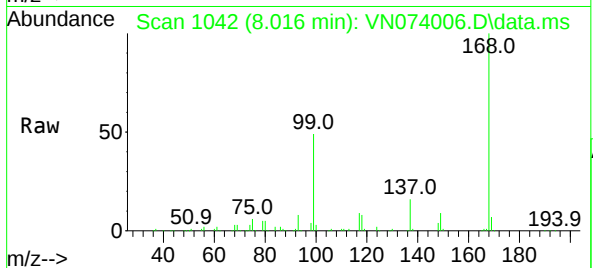
Tgt Ion: 43 Resp: 51637
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 10.8 9.3 13.9



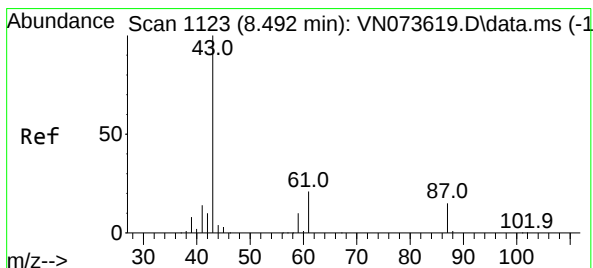
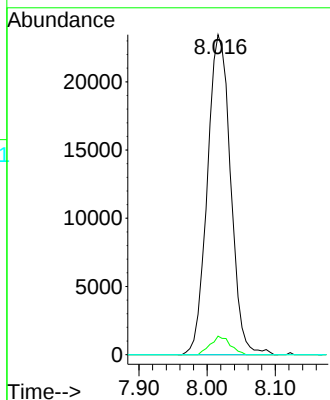
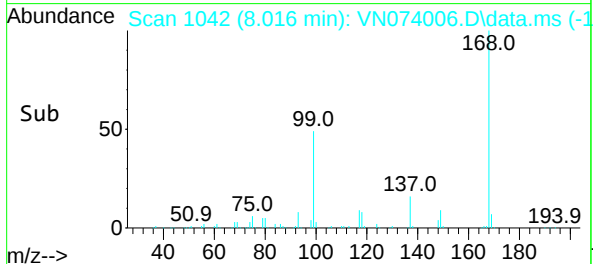


#38
Carbon Tetrachloride
Concen: 6.401 ug/l
RT: 8.016 min Scan# 1140
Delta R.T. -0.117 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

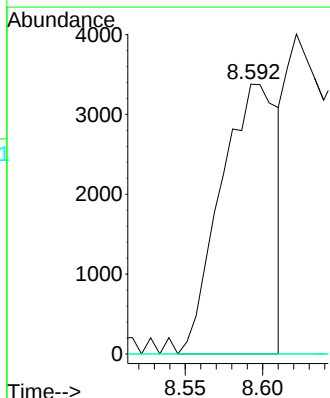
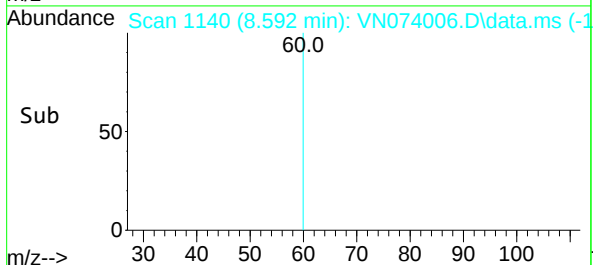
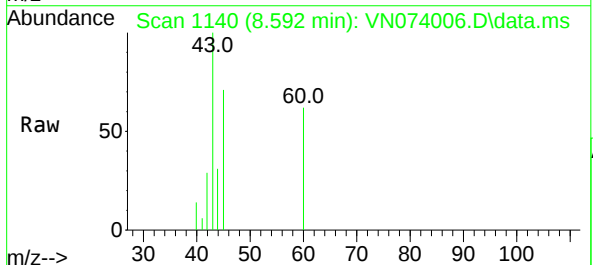


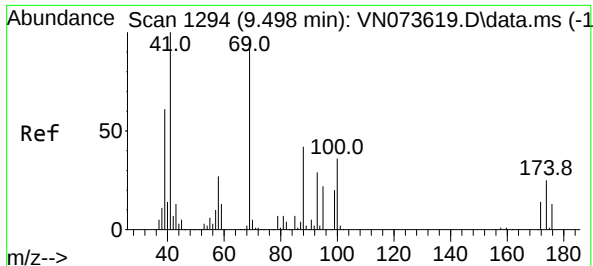
Tgt Ion:117 Resp: 55640
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.655 ug/l
RT: 8.592 min Scan# 1140
Delta R.T. 0.100 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 43 Resp: 8603
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.506 ug/l

RT: 9.469 min Scan# 1289

Delta R.T. -0.029 min

Lab File: VN074006.D

Acq: 18 Aug 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

TRE-1631

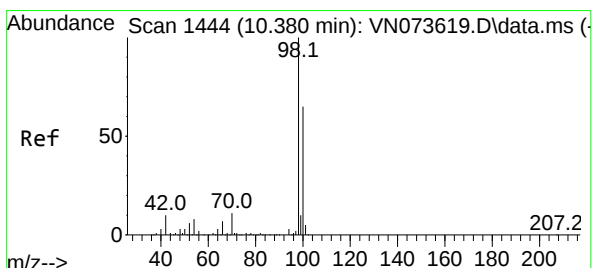
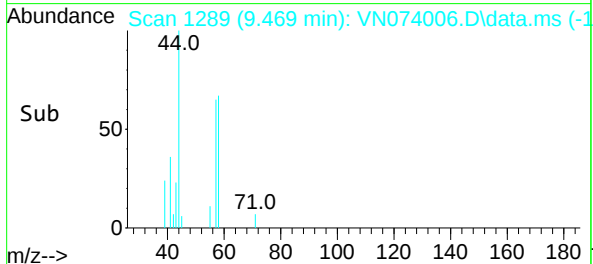
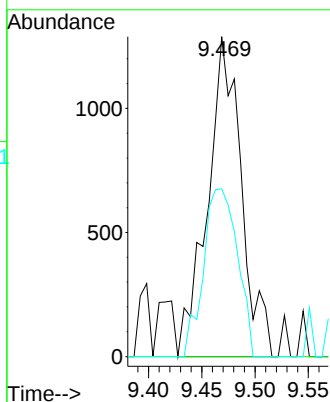
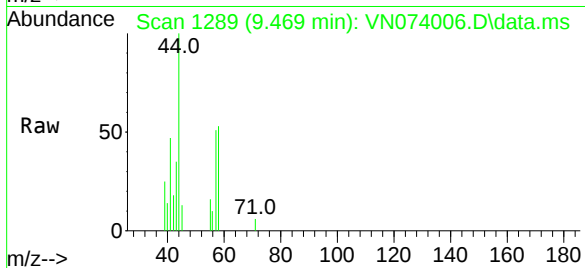
Tgt Ion: 41 Resp: 2844

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 52.8 45.6 68.4



#50

Toluene-d8

Concen: 45.611 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074006.D

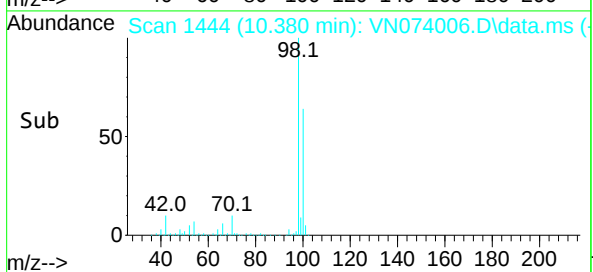
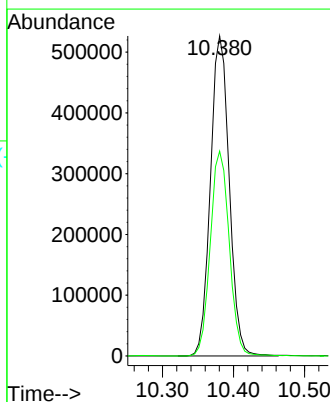
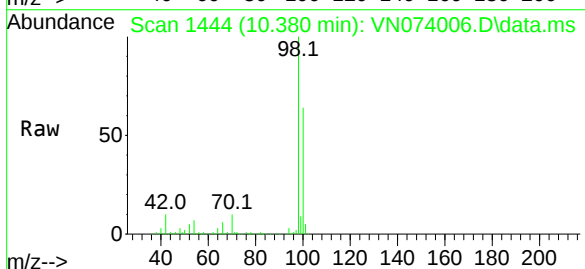
Acq: 18 Aug 2022 15:48

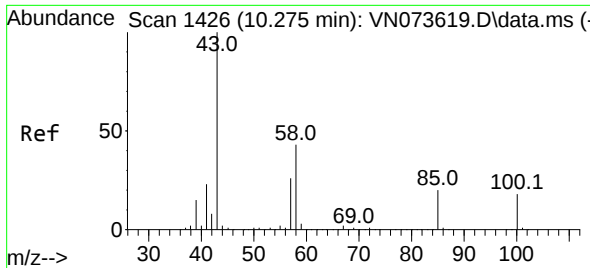
Tgt Ion: 98 Resp: 967187

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

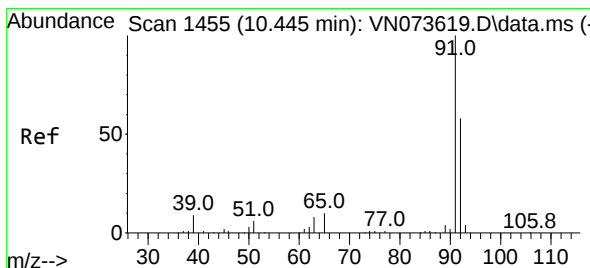
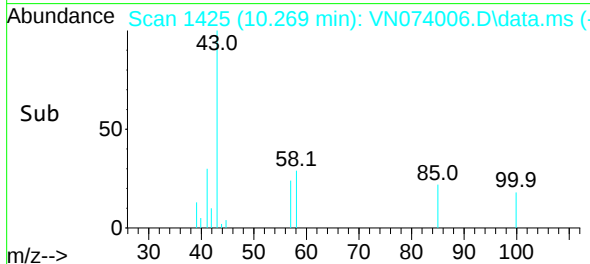
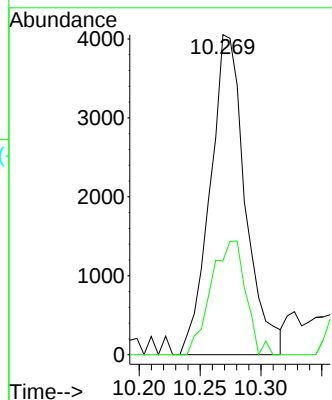
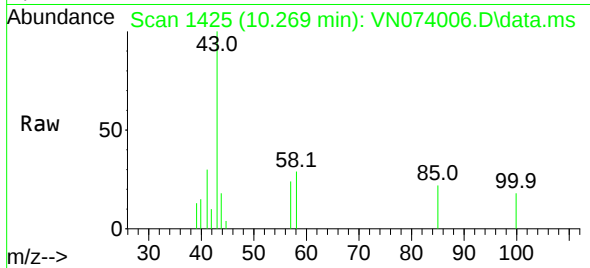




#51
4-Methyl-2-Pentanone
Concen: 0.919 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

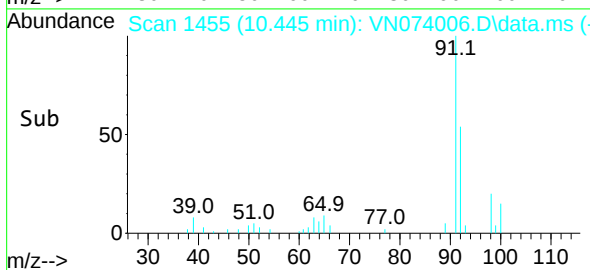
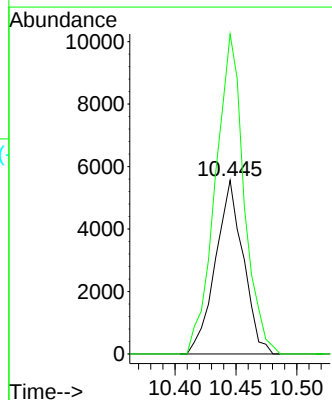
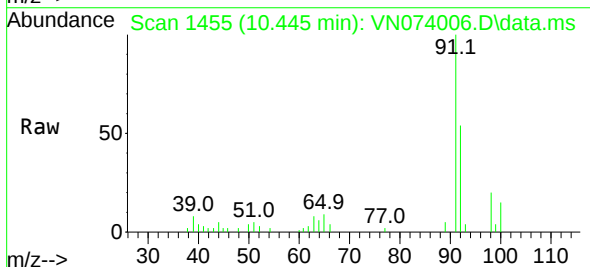
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

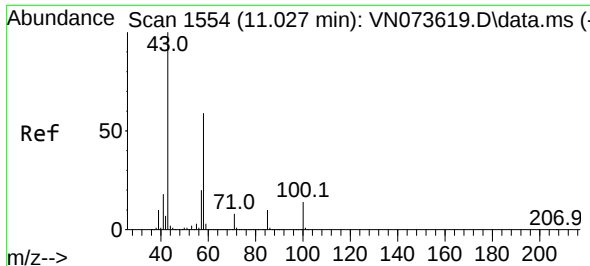
Tgt Ion: 43 Resp: 8156
Ion Ratio Lower Upper
43 100
58 35.0 34.1 51.1



#52
Toluene
Concen: 0.536 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 92 Resp: 8826
Ion Ratio Lower Upper
92 100
91 190.0 138.6 207.8

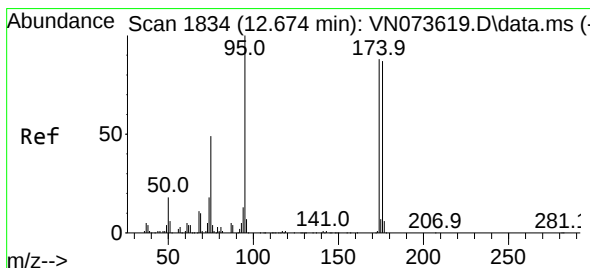
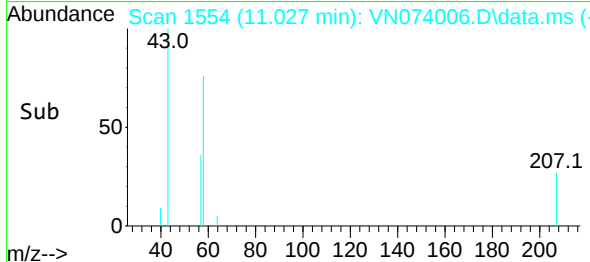
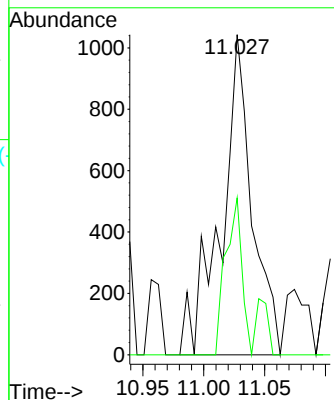
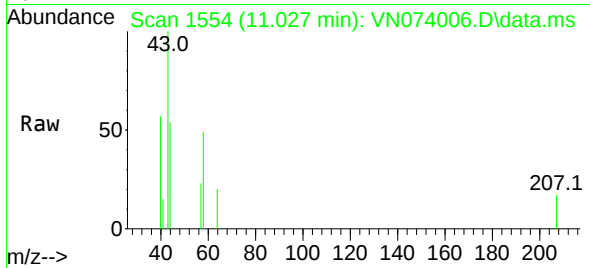




#59
2-Hexanone
Concen: 0.270 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

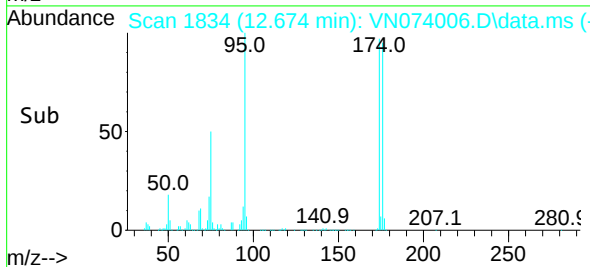
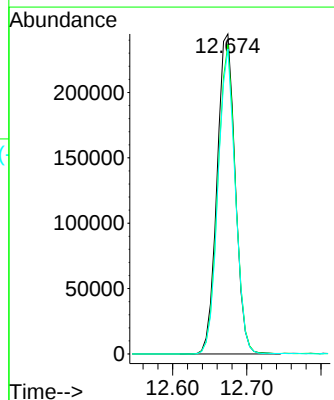
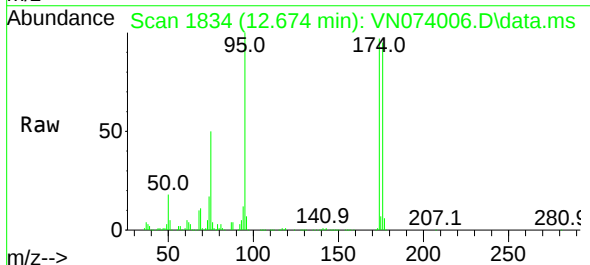
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

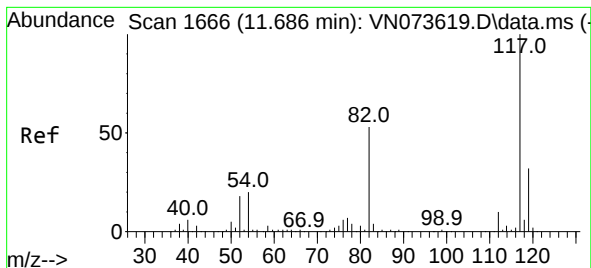
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 25.9 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 59.139 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 95 Resp: 416193
Ion Ratio Lower Upper
95 100
174 93.2 0.0 167.6
176 90.6 0.0 163.4

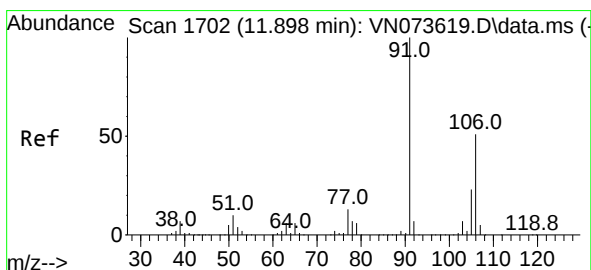
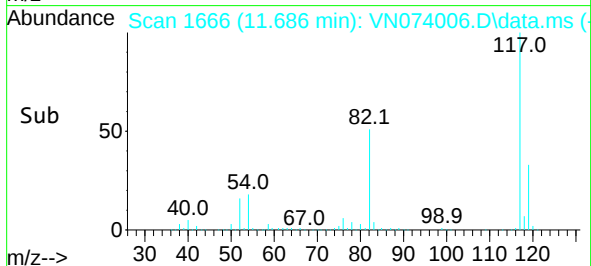
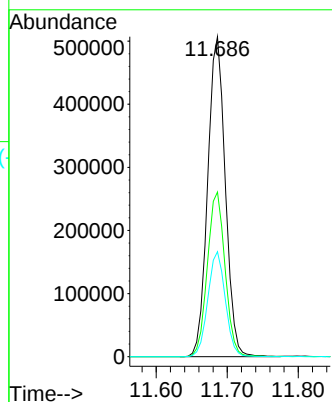
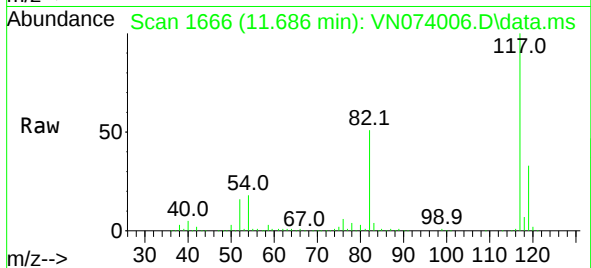




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

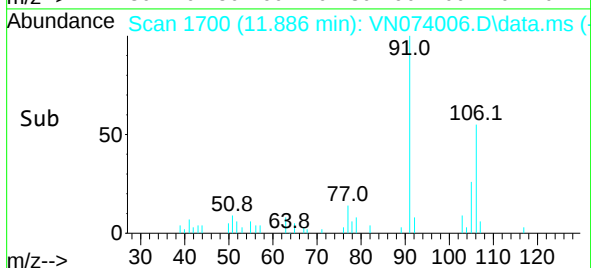
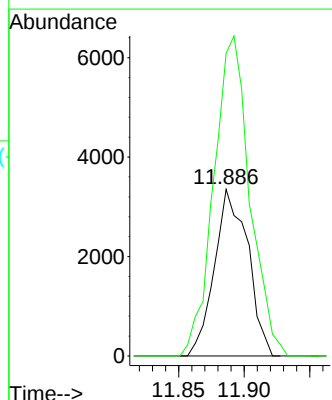
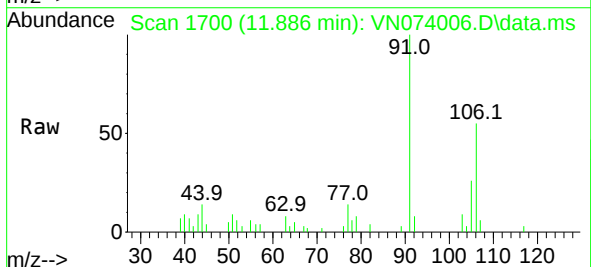
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

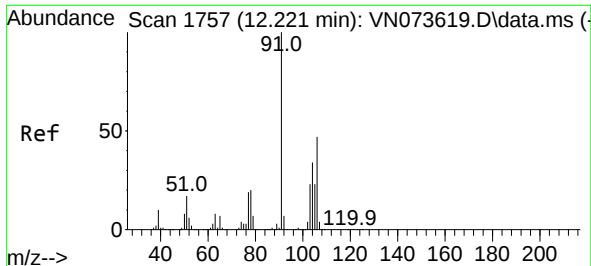
Tgt Ion:117 Resp: 874024
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 0.473 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion:106 Resp: 5933
Ion Ratio Lower Upper
106 100
91 206.8 158.9 238.3

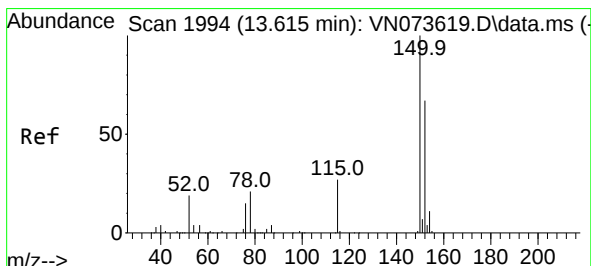
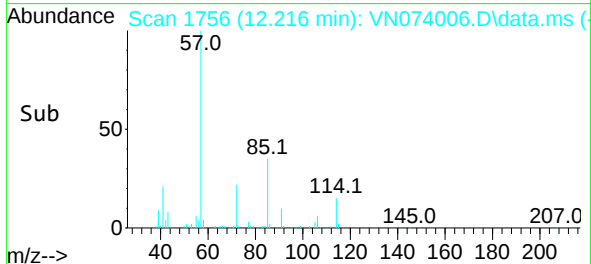
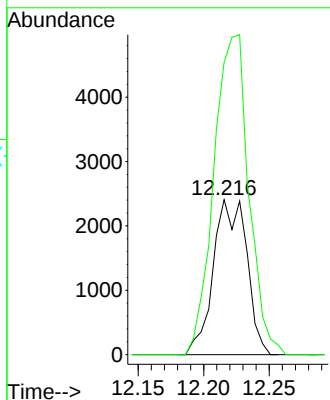
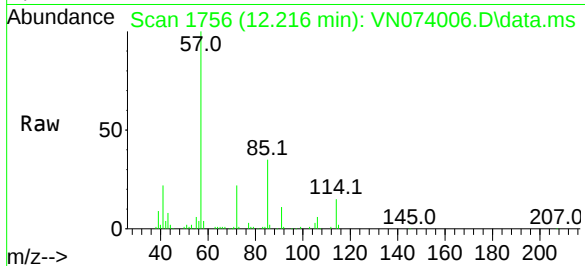




#69
o-Xylene
Concen: 0.339 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

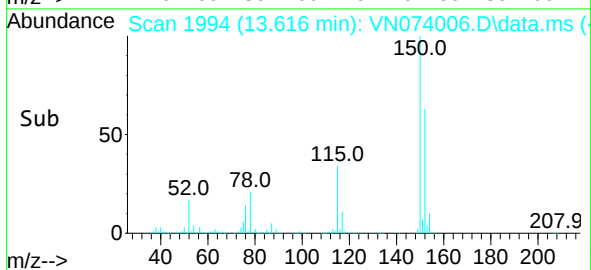
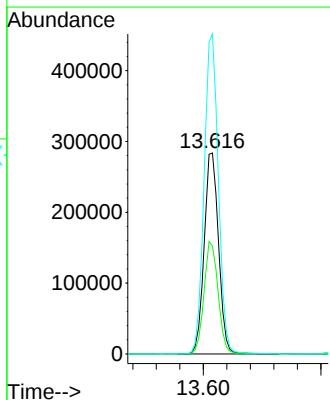
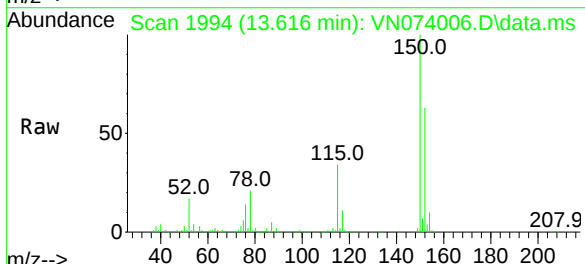
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

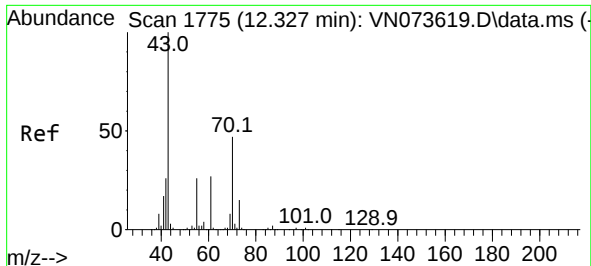
Tgt Ion:106 Resp: 4269
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion:152 Resp: 480991
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 157.3 0.0 356.2

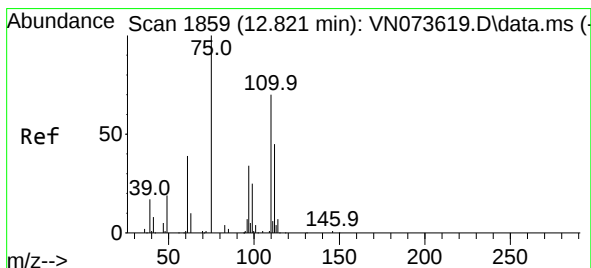
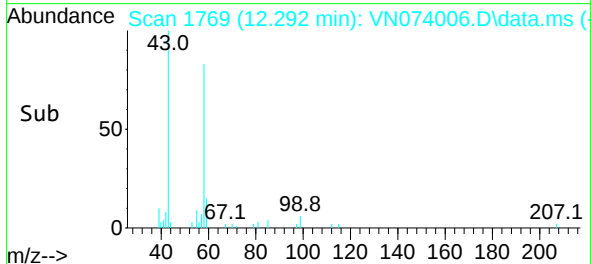
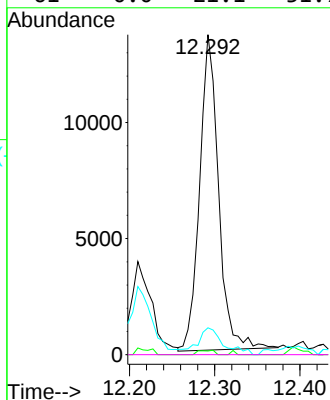
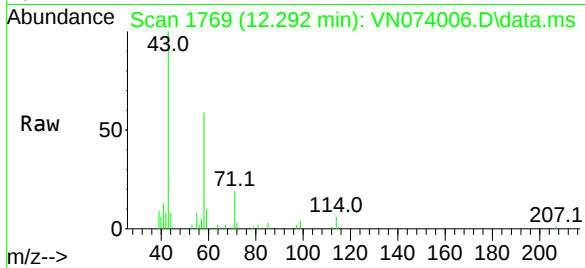




#74
N-amy1 acetate
Concen: 1.582 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

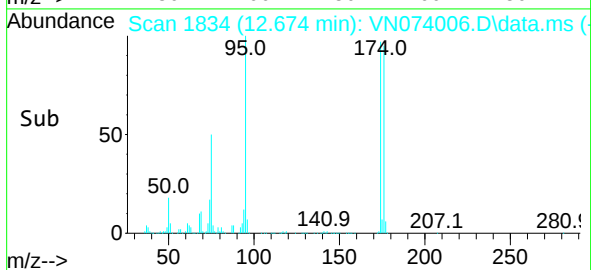
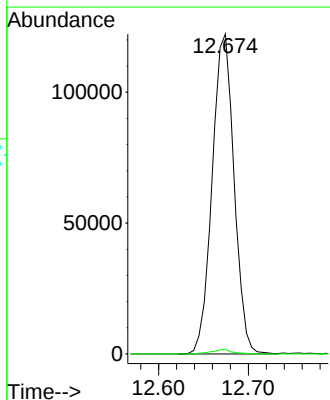
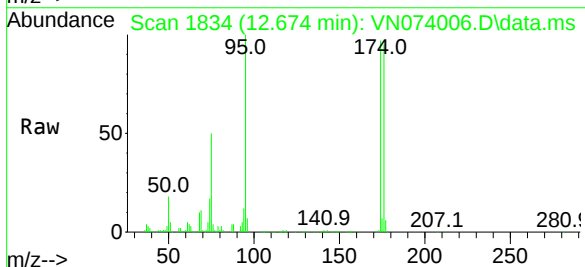
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

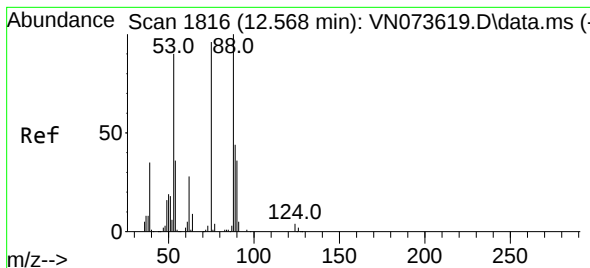
Tgt Ion: 43	Resp: 20948
Ion Ratio	Lower Upper
43 100	
70 1.2	39.0 58.4#
55 11.6	21.1 31.7#
61 0.0	21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 20.747 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

Tgt Ion: 75	Resp: 207413
Ion Ratio	Lower Upper
75 100	
77 1.3	98.5 295.5#

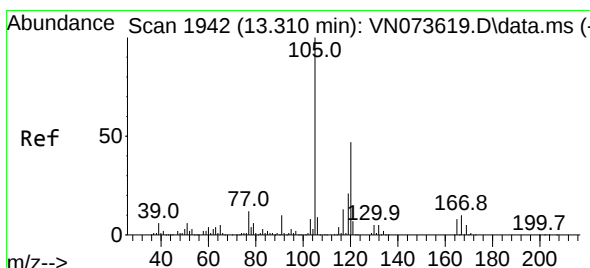
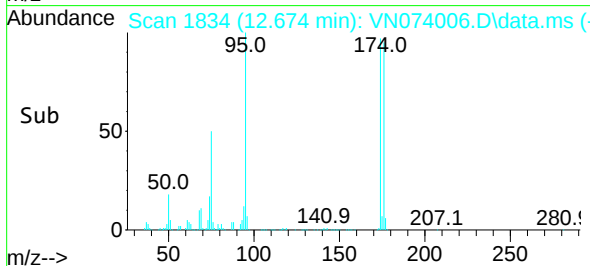
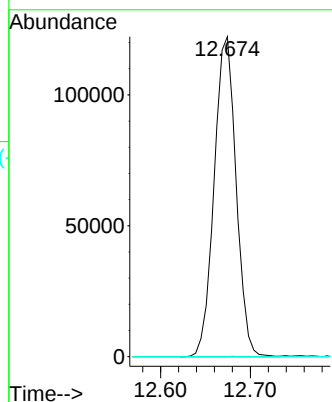
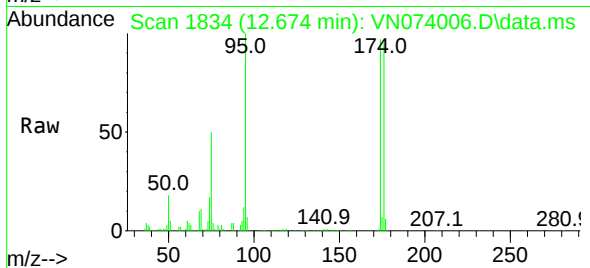




#81
trans-1,4-Dichloro-2-butene
Concen: 59.008 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

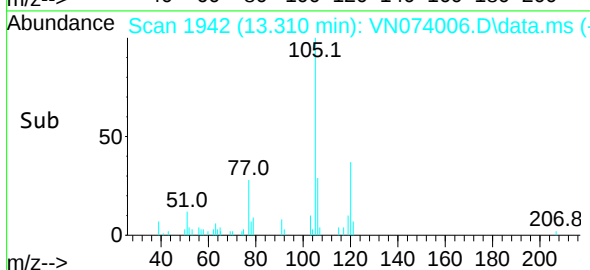
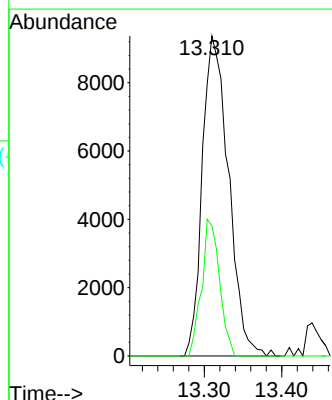
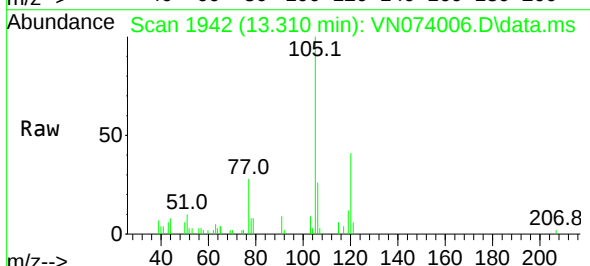
Instrument :
MSVOA_N
ClientSampleId :
TRE-1631

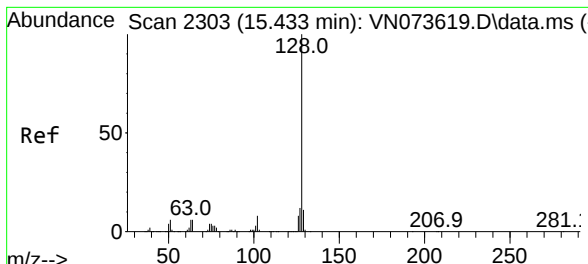
Tgt Ion: 75 Resp: 207413
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.774 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074006.D
Acq: 18 Aug 2022 15:48

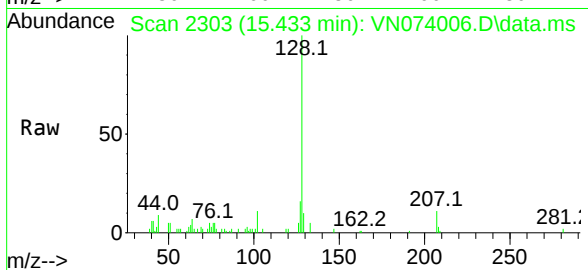
Tgt Ion: 105 Resp: 22012
Ion Ratio Lower Upper
105 100
120 29.2 23.3 69.8





#95
 Naphthalene
 Concen: 0.732 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074006.D
 Acq: 18 Aug 2022 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1631



Tgt Ion:	128	Resp:	24670
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	12.3	8.6	13.0

