

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073997.D
 Acq On : 18 Aug 2022 12:07
 Operator : JC\MD
 Sample : N4241-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1630

Quant Time: Aug 18 21:48:12 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	739845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1094917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1068081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	587470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	341897	47.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.900%
35) Dibromofluoromethane	7.951	113	331886	51.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.381	98	1180357	47.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.669	95	506885	60.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.800%

Target Compounds				Qvalue		
3) Chloromethane	2.263	50	1737	0.266	ug/l	91
5) Bromomethane	2.834	94	2271	0.434	ug/l #	70
10) Methyl Iodide	4.357	142	2221	0.295	ug/l #	89
11) Tert butyl alcohol	5.281	59	75821	47.039	ug/l	99
13) Acrolein	3.981	56	14982	13.279	ug/l	99
14) Allyl chloride	4.716	41	4627	0.535	ug/l #	49
15) Acrylonitrile	5.469	53	913	0.232	ug/l #	34
16) Acetone	4.216	43	11459299	3370.651	ug/l	95
17) Carbon Disulfide	4.446	76	8052	0.580	ug/l	99
18) Methyl Acetate	4.781	43	57807	4.488	ug/l	98
20) Methylene Chloride	5.016	84	39831	5.552	ug/l	96
22) Diisopropyl ether	6.498	45	29403	1.604	ug/l #	1
24) 1,1-Dichloroethane	6.304	63	11870	1.040	ug/l	95
25) 2-Butanone	7.257	43	253208	46.972	ug/l	99
26) 2,2-Dichloropropane	7.234	77	2616	0.244	ug/l #	53
29) Tetrahydrofuran	7.622	42	3427	0.991	ug/l #	29
30) Chloroform	7.745	83	6783	0.531	ug/l #	72
31) Cyclohexane	8.016	56	14531	1.447	ug/l #	19
32) 1,1,1-Trichloroethane	7.945	97	2325	0.205	ug/l #	40
36) 1,1-Dichloropropene	8.181	75	55922	6.218	ug/l #	41
37) Ethyl Acetate	7.334	43	922665	84.679	ug/l	96
38) Carbon Tetrachloride	8.016	117	67191	6.536	ug/l #	17
39) Methylcyclohexane	9.392	83	3867	0.343	ug/l #	82
40) Benzene	8.387	78	65196	2.297	ug/l	99
41) Methacrylonitrile	7.569	41	7437	1.510	ug/l #	29
42) 1,2-Dichloroethane	8.463	62	4964	0.509	ug/l	87
43) Isopropyl Acetate	8.345	43	48968	3.155	ug/l #	53
44) Trichloroethene	9.151	130	8055	0.982	ug/l	93
48) Methyl methacrylate	9.469	41	55054	8.289	ug/l #	37
49) 1,4-Dioxane	9.557	88	7543	38.190	ug/l #	25
51) 4-Methyl-2-Pentanone	10.269	43	190007	18.105	ug/l	99
52) Toluene	10.445	92	196439	10.092	ug/l	98
55) 1,1,2-Trichloroethane	10.816	97	2289	0.302	ug/l #	22
59) 2-Hexanone	11.028	43	40778	5.049	ug/l	97
67) Ethyl Benzene	11.786	91	88159	2.335	ug/l	100
68) m/p-Xylenes	11.886	106	148796	9.701	ug/l	100

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

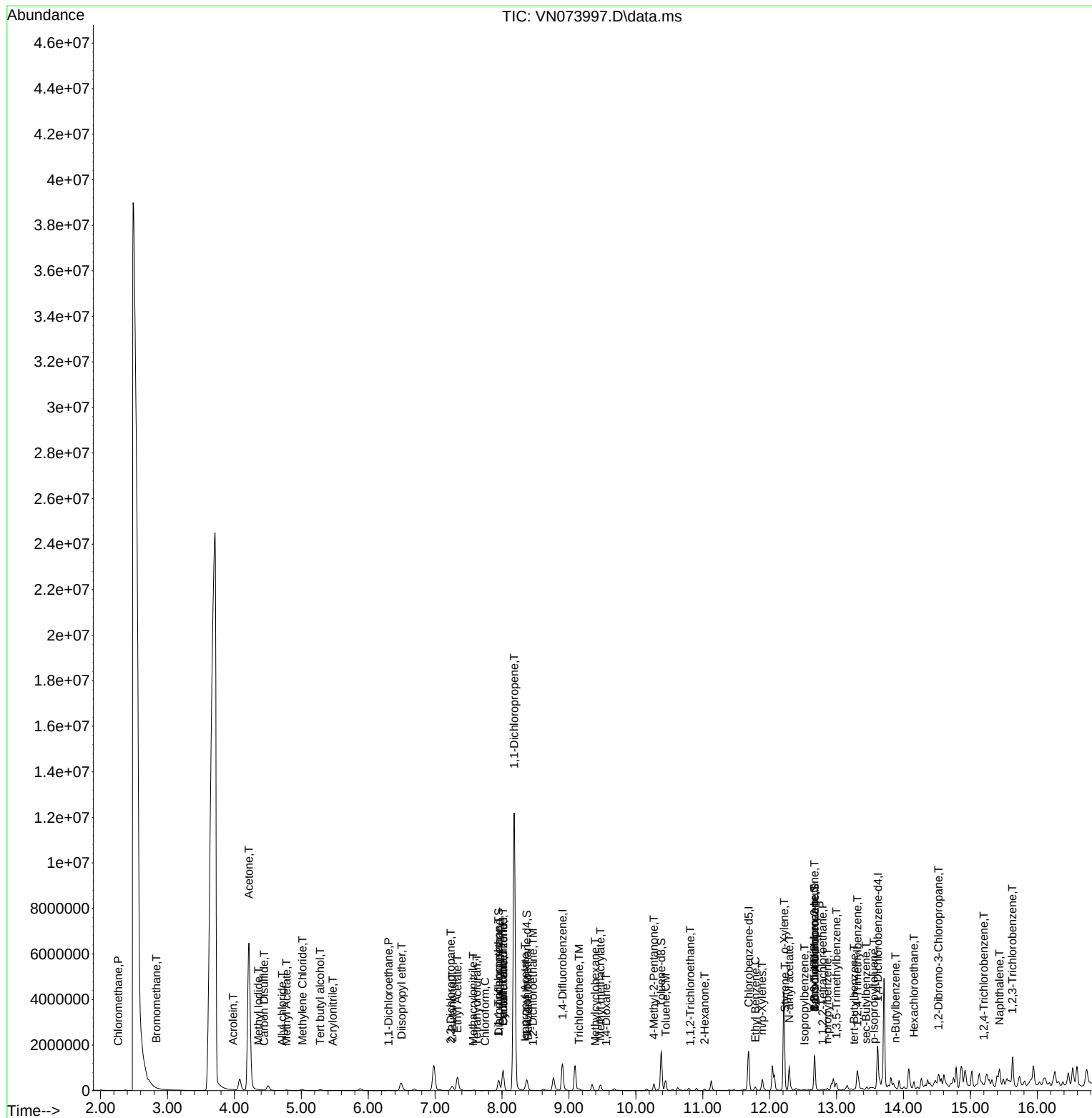
69) o-Xylene	12.216	106	112594	7.320	ug/l	98
70) Styrene	12.227	104	8038	0.334	ug/l #	1
71) Bromoform	12.669	173	2368	0.309	ug/l #	1
73) Isopropylbenzene	12.522	105	22408	0.524	ug/l	97
74) N-amyl acetate	12.292	43	580592	35.902	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.792	83	15375	1.071	ug/l #	35
76) 1,2,3-Trichloropropane	12.669	75	243211	19.918	ug/l #	1
78) n-propylbenzene	12.863	91	50935	1.117	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	97313	2.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.669	75	243211	56.651	ug/l #	11
83) tert-Butylbenzene	13.263	119	10608	0.331	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	577344	16.616	ug/l	80
85) sec-Butylbenzene	13.439	105	26044	0.628	ug/l	89
86) p-Isopropyltoluene	13.557	119	35352	1.000	ug/l	94
89) n-Butylbenzene	13.880	91	29550	1.055	ug/l #	74
90) Hexachloroethane	14.157	117	12180	1.885	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.521	75	4693	1.385	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.198	180	5518	0.437	ug/l #	85
95) Naphthalene	15.433	128	600620	14.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	7805	0.598	ug/l #	1

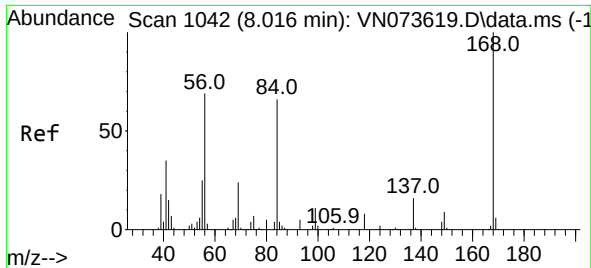
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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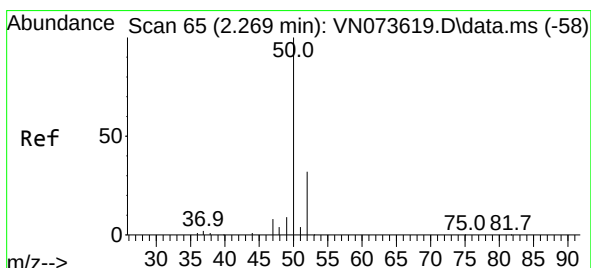
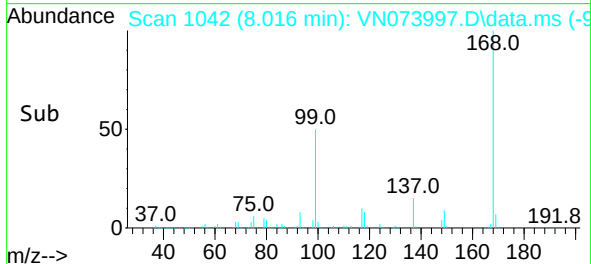
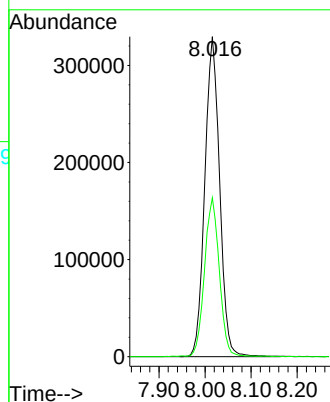
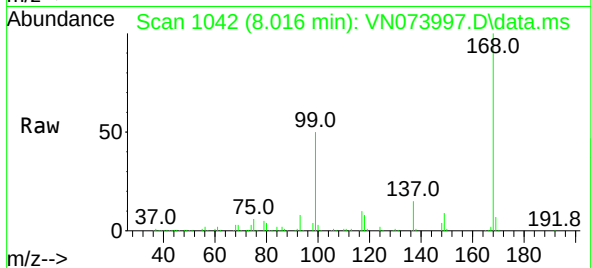




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

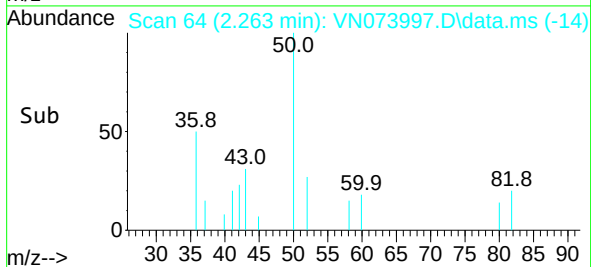
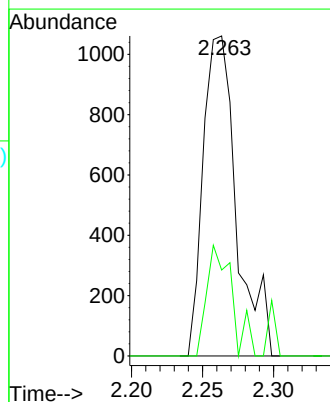
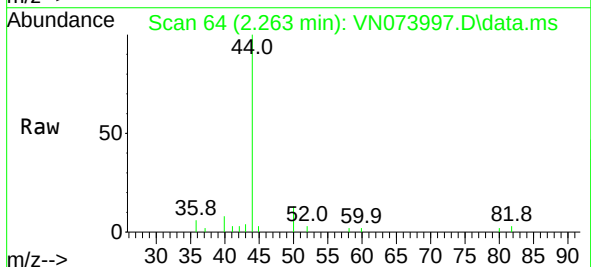
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

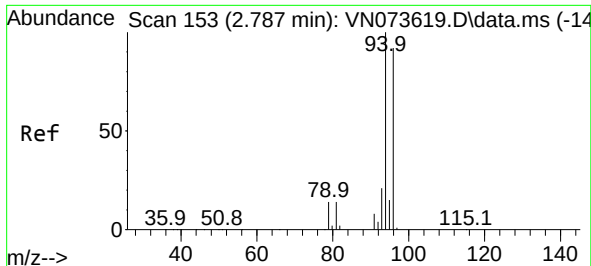
Tgt Ion:168 Resp: 739845
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 50 Resp: 1737
Ion Ratio Lower Upper
50 100
52 26.9 25.7 38.5

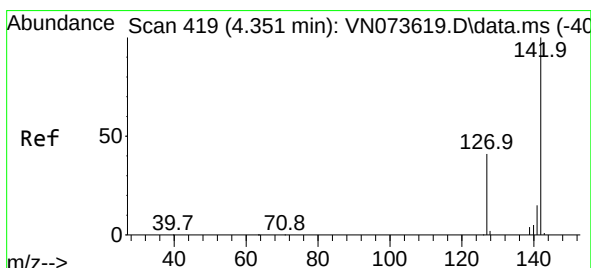
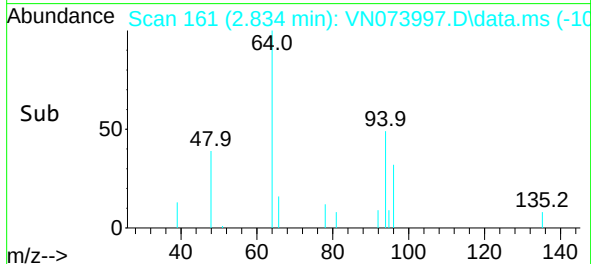
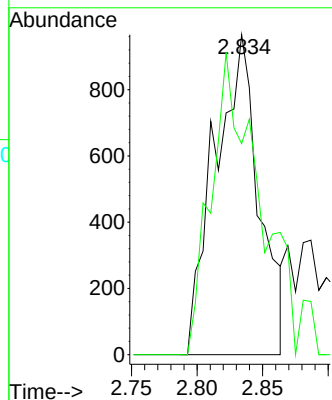
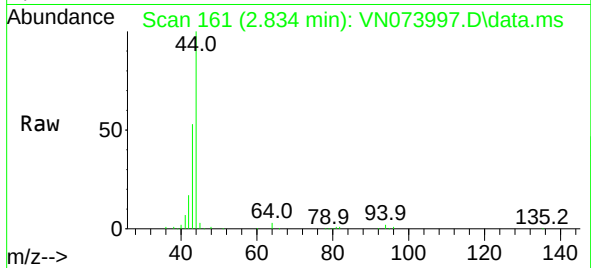




#5
Bromomethane
Concen: 0.434 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

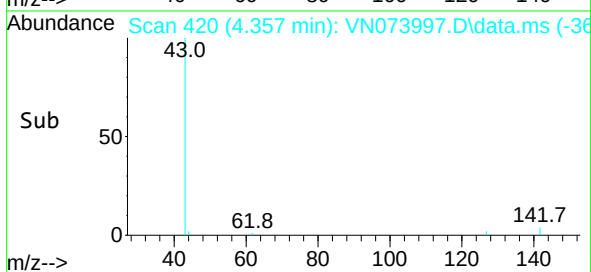
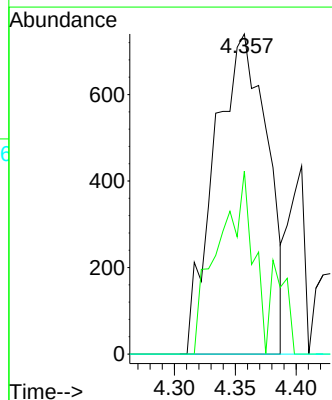
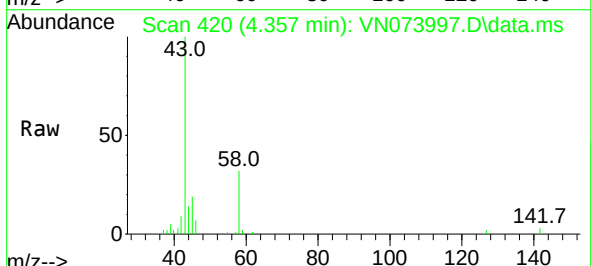
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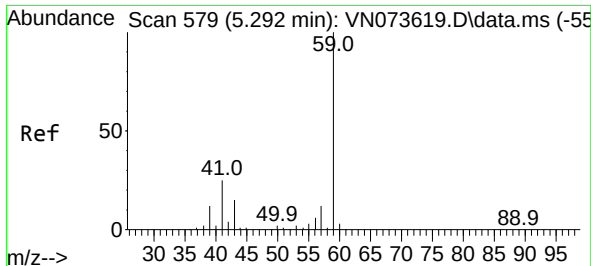
Tgt Ion: 94 Resp: 2271
Ion Ratio Lower Upper
94 100
96 65.9 76.0 114.0#



#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion:142 Resp: 2221
Ion Ratio Lower Upper
142 100
127 37.7 31.3 46.9
141 0.0 11.2 16.8#

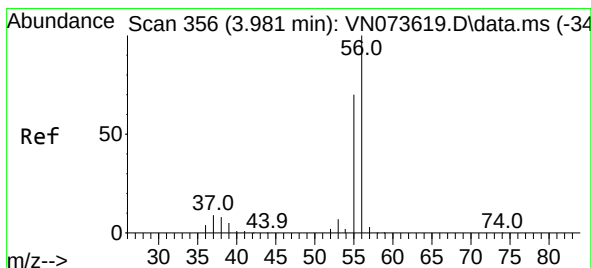
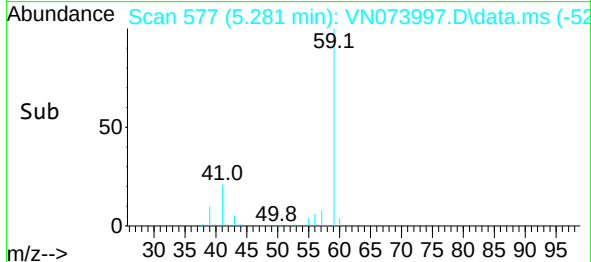
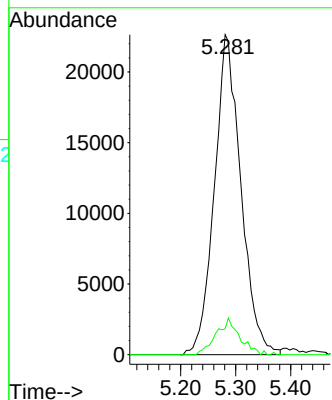
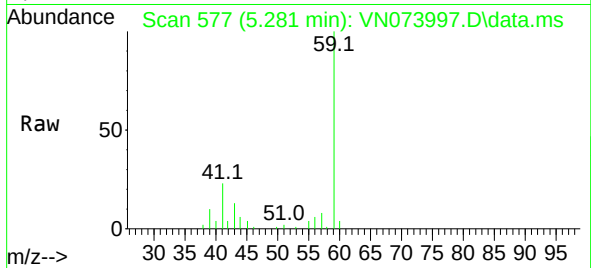




#11
Tert butyl alcohol
Concen: 47.039 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

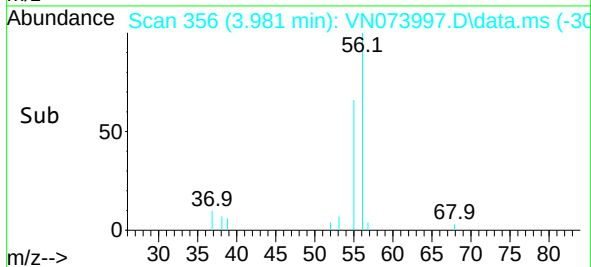
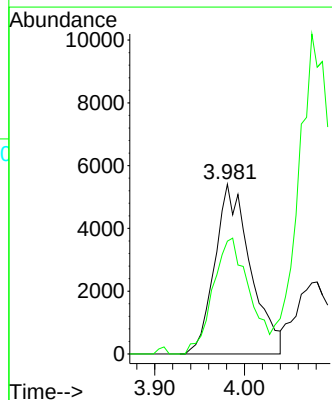
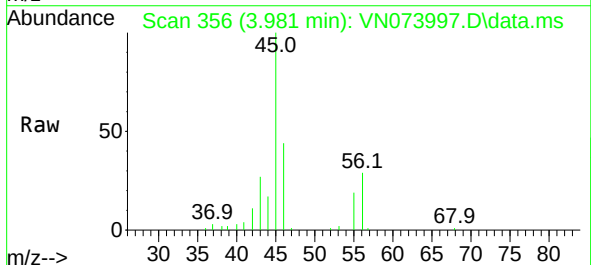
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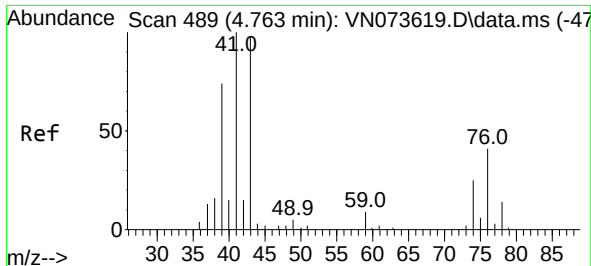
Tgt Ion: 59 Resp: 75821
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#13
Acrolein
Concen: 13.279 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 56 Resp: 14982
Ion Ratio Lower Upper
56 100
55 69.3 54.8 82.2

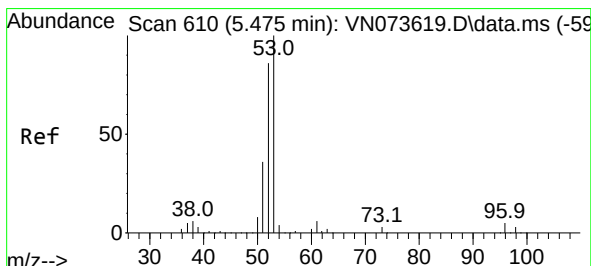
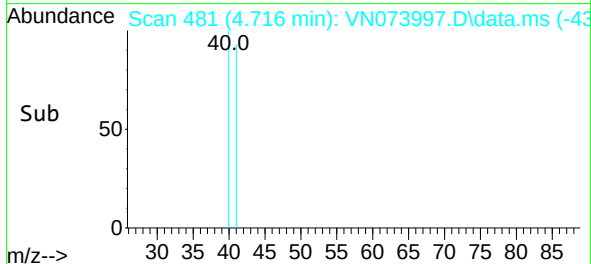
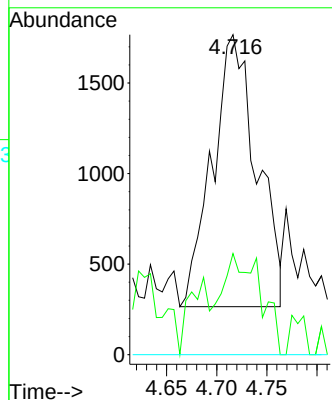
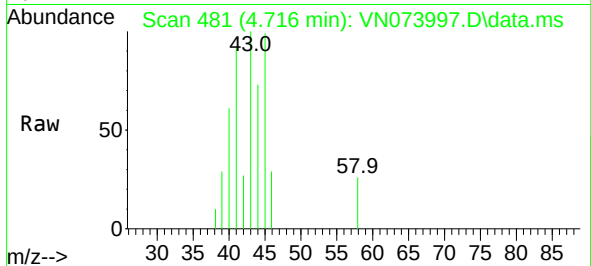




#14
 Allyl chloride
 Concen: 0.535 ug/l
 RT: 4.716 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: VN073997.D
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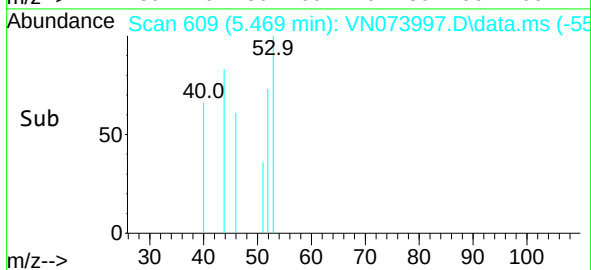
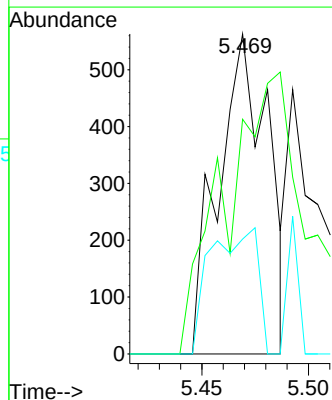
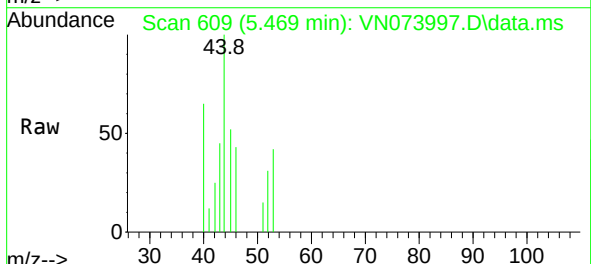
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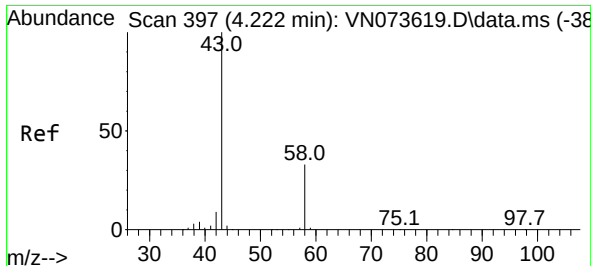
Tgt Ion: 41 Resp: 4627
 Ion Ratio Lower Upper
 41 100
 39 30.6 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 0.232 ug/l
 RT: 5.469 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

Tgt Ion: 53 Resp: 913
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.4 99.6#
 51 37.6 28.5 42.7

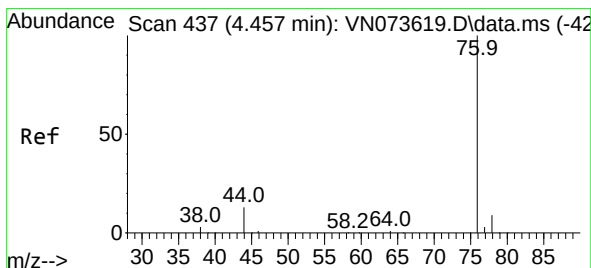
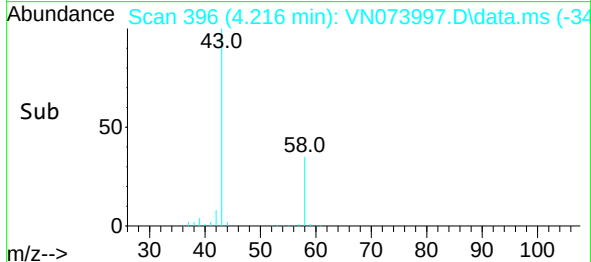
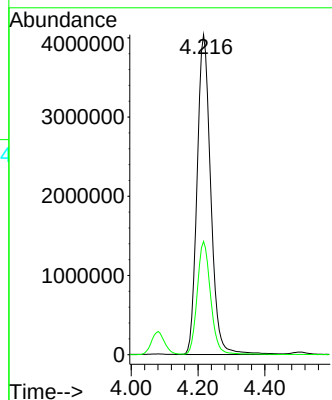
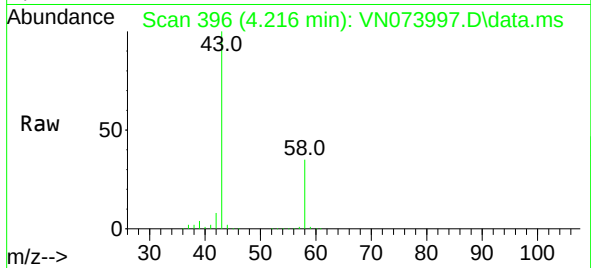




#16
Acetone
Concen: 3370.651 ug/l
RT: 4.216 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073997.D
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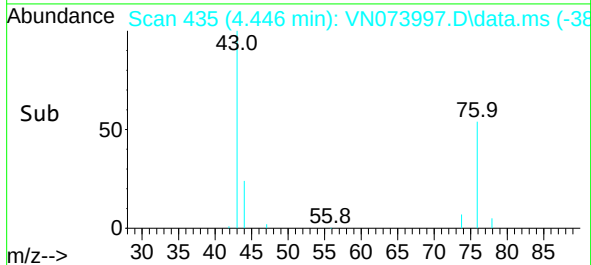
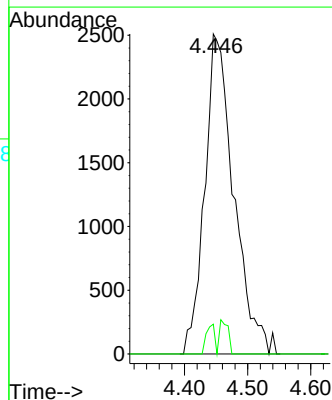
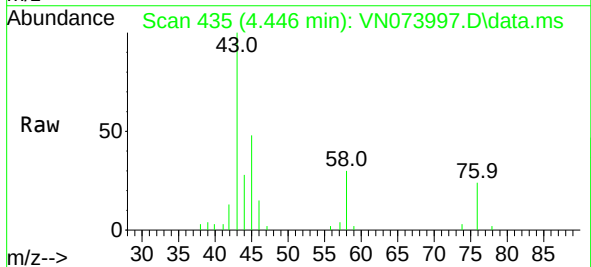
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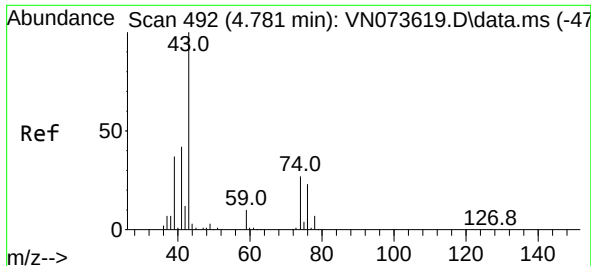
Tgt Ion: 43 Resp:11459299
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0



#17
Carbon Disulfide
Concen: 0.580 ug/l
RT: 4.446 min Scan# 435
Delta R.T. -0.011 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 76 Resp: 8052
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

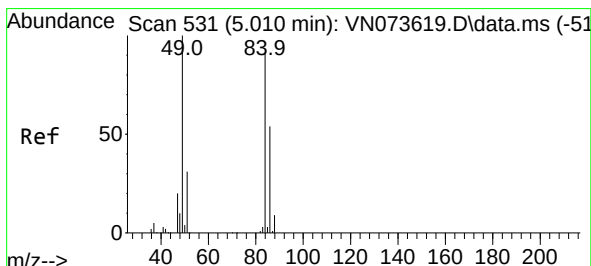
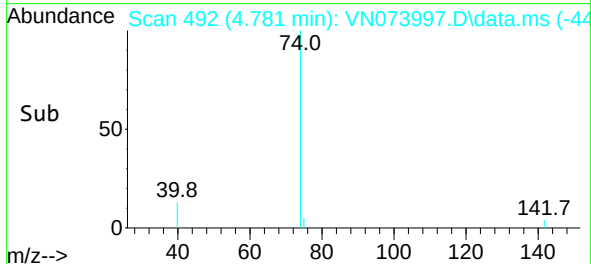
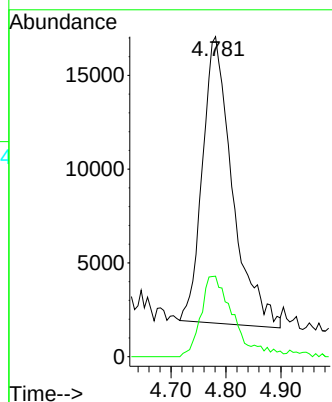
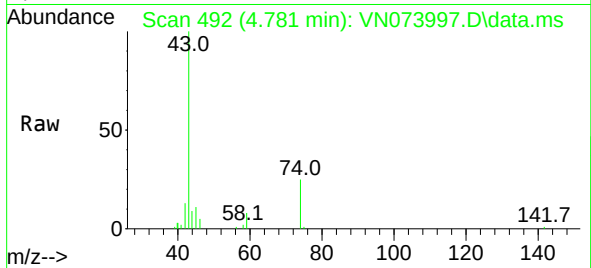




#18
Methyl Acetate
Concen: 4.488 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

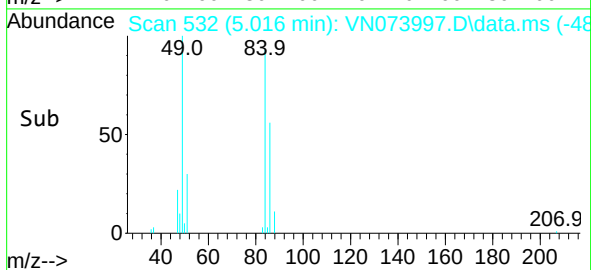
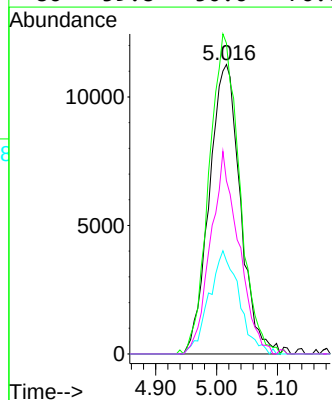
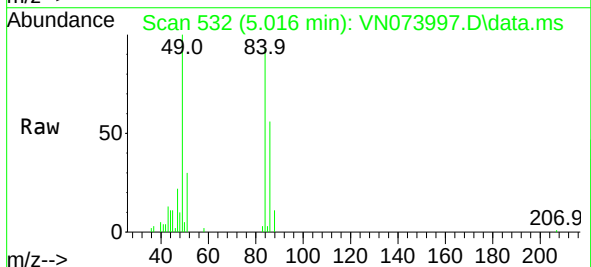
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TRE-1630

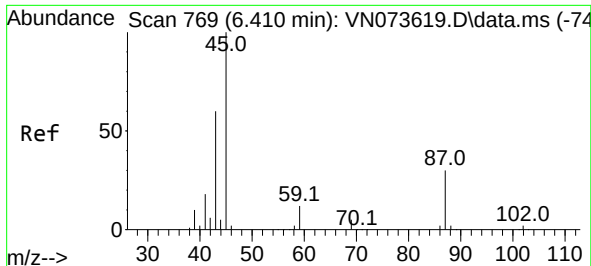
Tgt Ion: 43 Resp: 57807
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4



#20
Methylene Chloride
Concen: 5.552 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

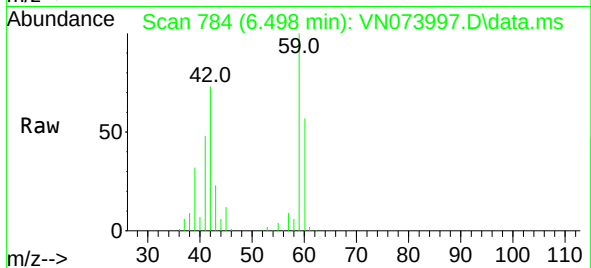
Tgt Ion: 84 Resp: 39831
Ion Ratio Lower Upper
84 100
49 107.4 88.3 132.5
51 32.2 28.2 42.2
86 59.8 50.6 76.0



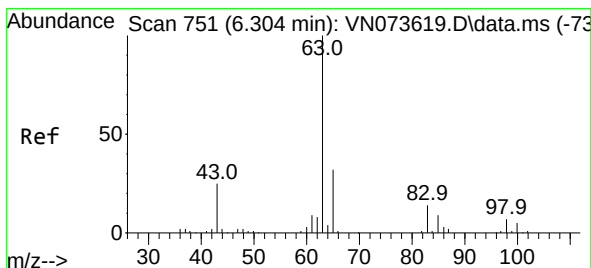
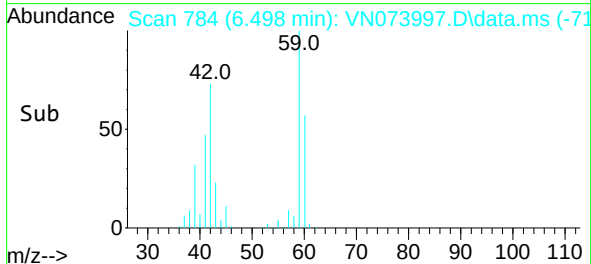
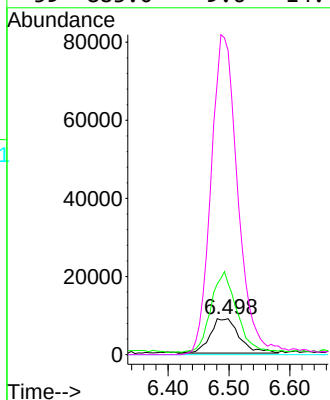


#22
Diisopropyl ether
Concen: 1.604 ug/l
RT: 6.498 min Scan# 71
Delta R.T. 0.088 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

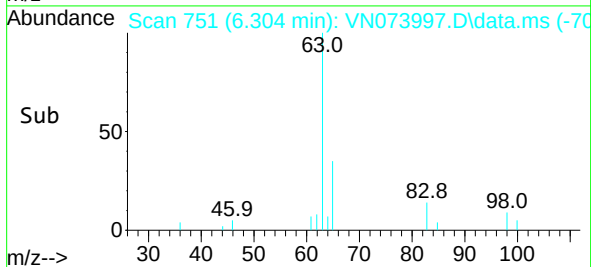
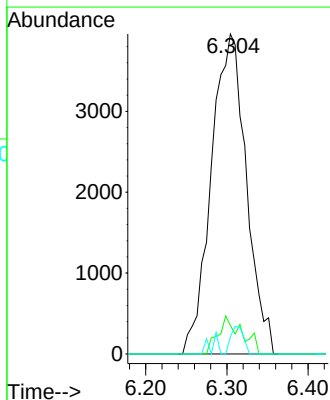
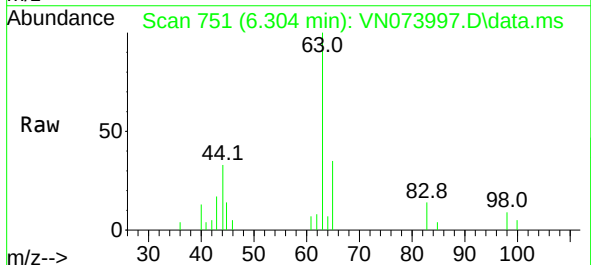


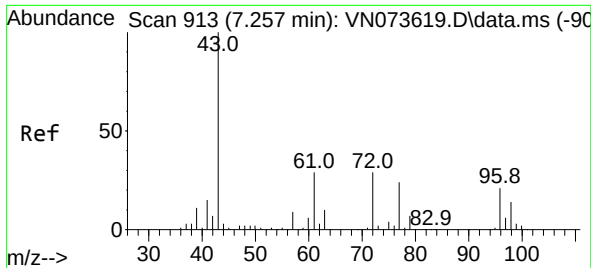
Tgt Ion:	45	Resp:	29403
Ion Ratio	100	Lower	Upper
43	197.7	46.6	70.0#
87	0.0	24.3	36.5#
59	883.0	9.6	14.4#



#24
1,1-Dichloroethane
Concen: 1.040 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion:	63	Resp:	11870
Ion Ratio	100	Lower	Upper
98	8.9	3.5	10.4
100	5.4	2.3	6.8

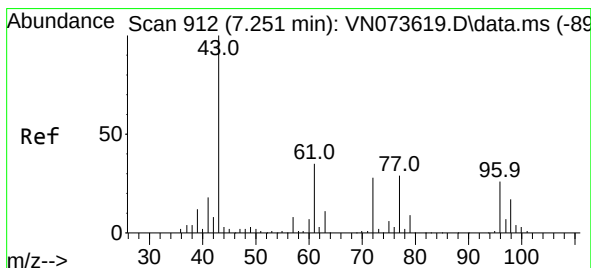
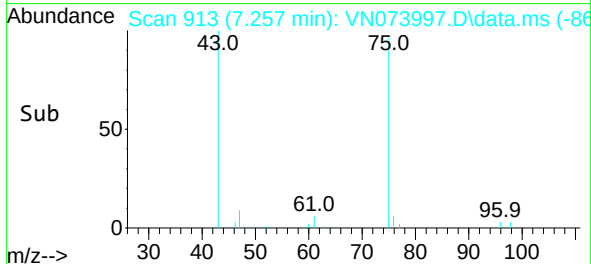
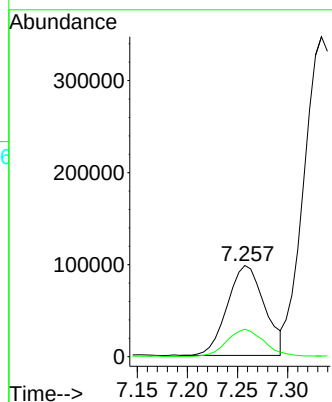
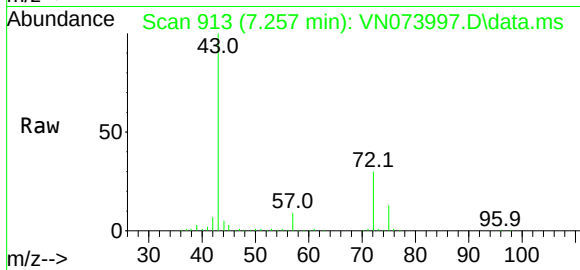




#25
2-Butanone
Concen: 46.972 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

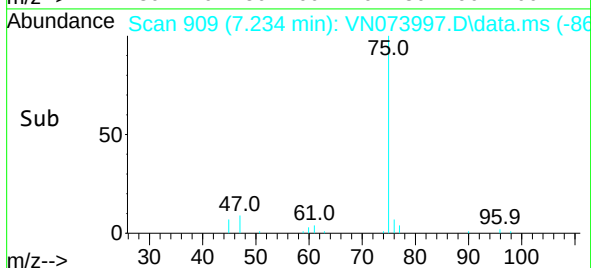
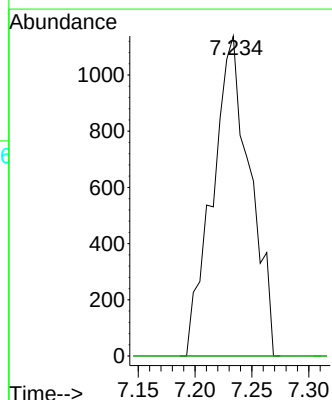
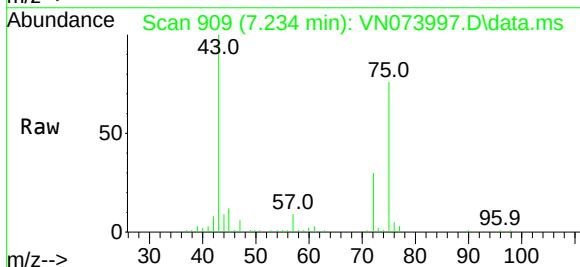
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

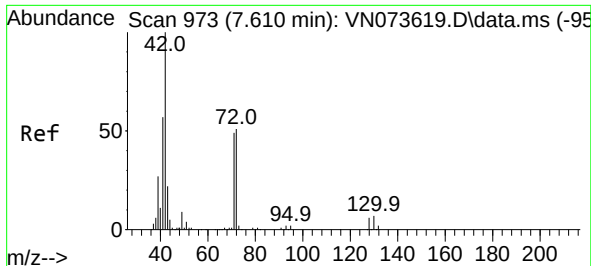
Tgt Ion: 43 Resp: 253208
Ion Ratio Lower Upper
43 100
72 30.1 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.244 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.017 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 77 Resp: 2616
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.991 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

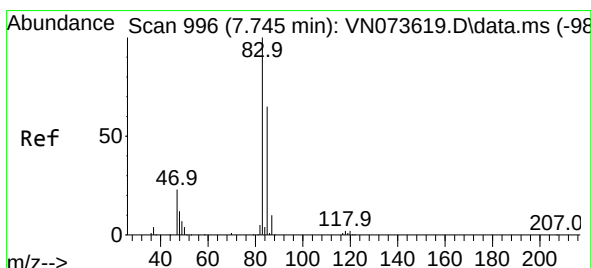
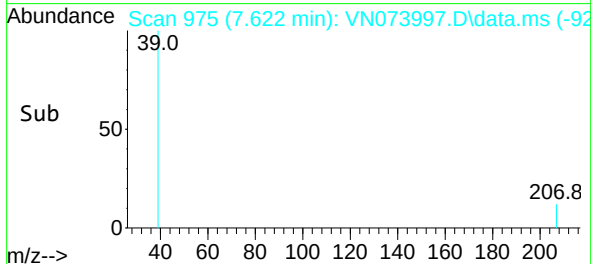
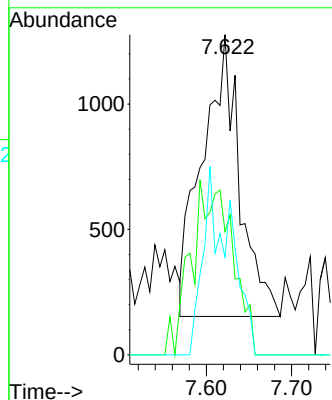
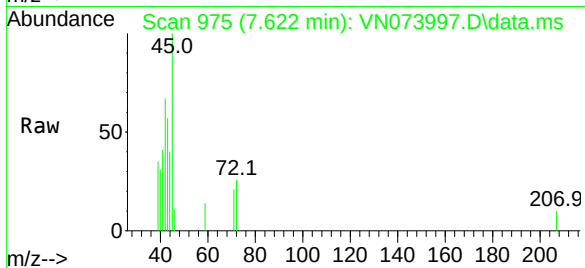
Tgt Ion: 42 Resp: 3427

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 0.531 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073997.D

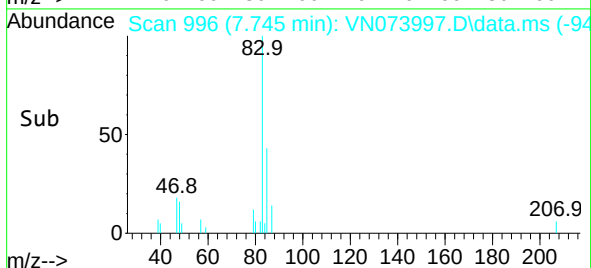
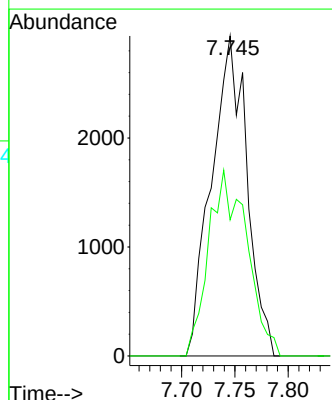
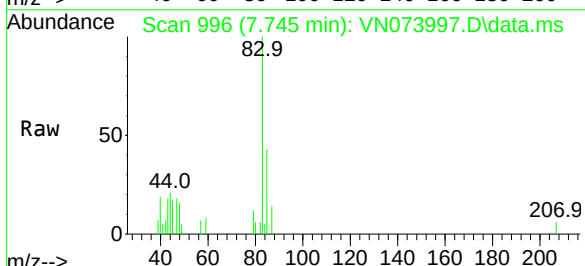
Acq: 18 Aug 2022 12:07

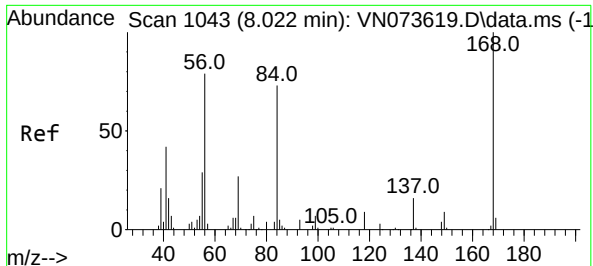
Tgt Ion: 83 Resp: 6783

Ion Ratio Lower Upper

83 100

85 42.6 51.8 77.8#

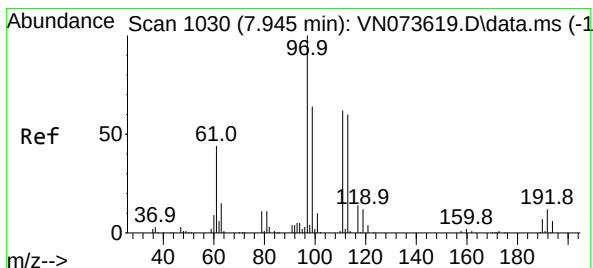
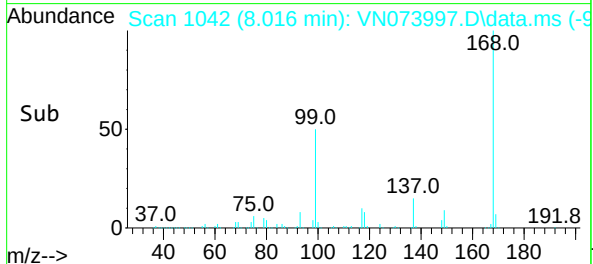
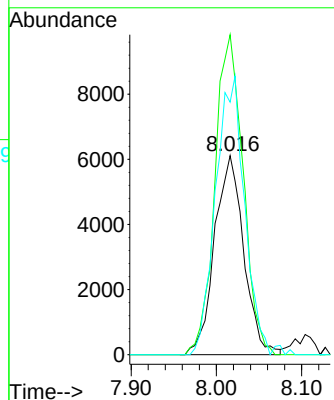
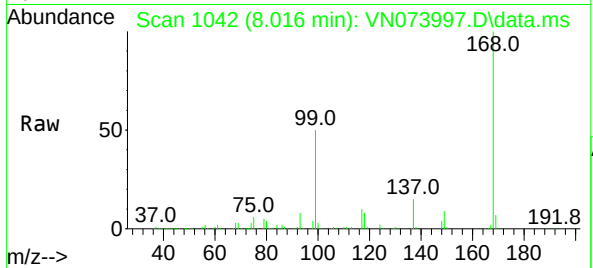




#31
Cyclohexane
Concen: 1.447 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

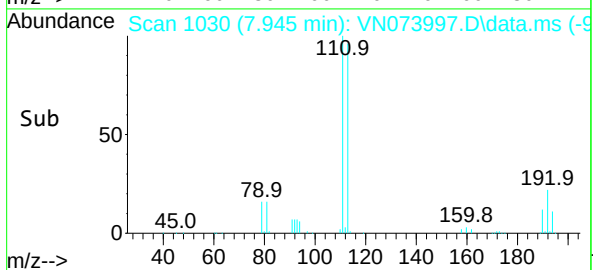
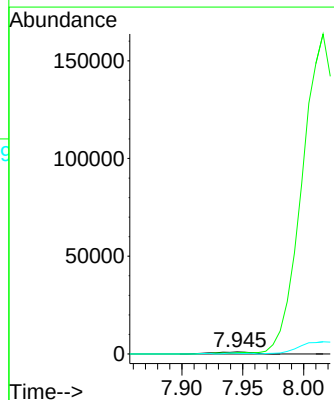
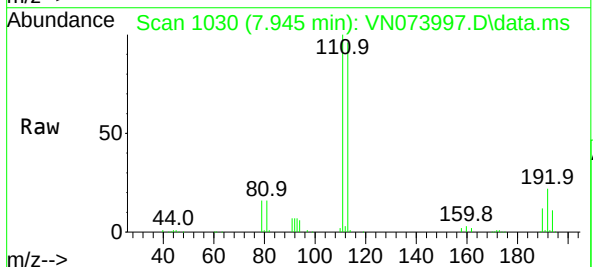
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

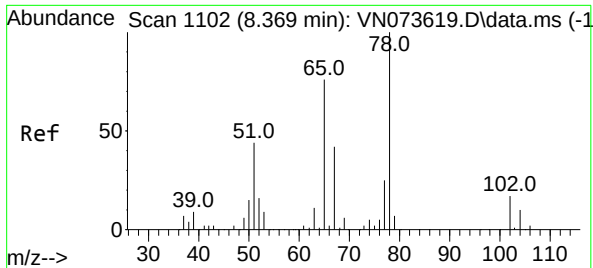
Tgt Ion: 56 Resp: 14531
Ion Ratio Lower Upper
56 100
69 160.8 27.8 41.8#
84 126.8 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 0.205 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 97 Resp: 2325
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 25.4 36.0 54.0#





#33

1,2-Dichloroethane-d4

Concen: 47.446 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

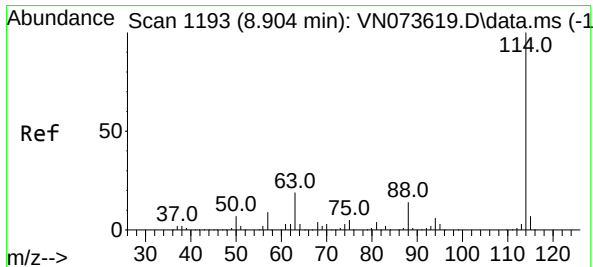
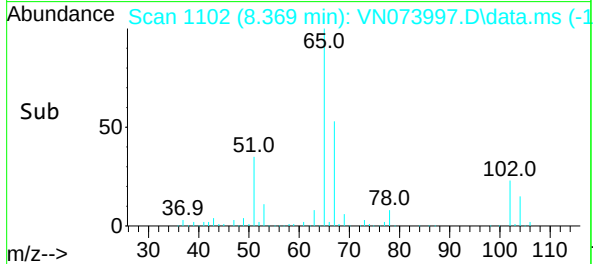
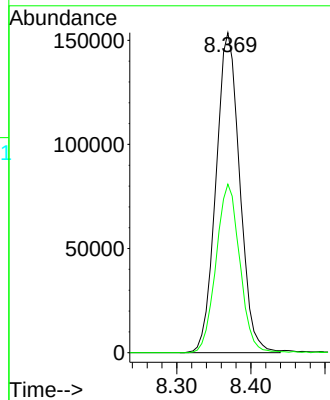
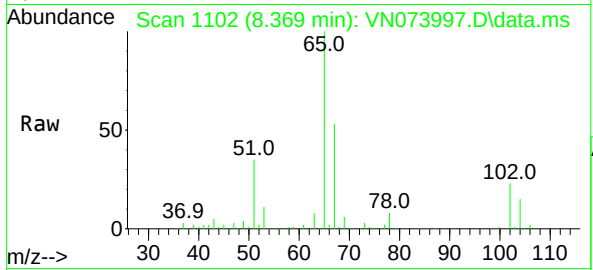
TRE-1630

Tgt Ion: 65 Resp: 341897

Ion Ratio Lower Upper

65 100

67 52.7 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: VN073997.D

Acq: 18 Aug 2022 12:07

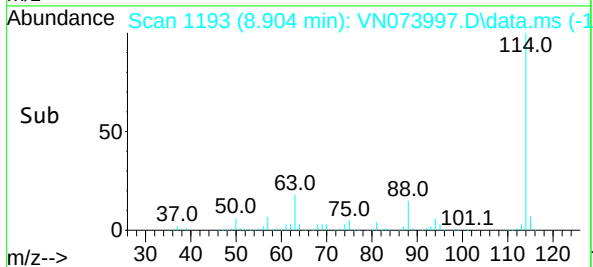
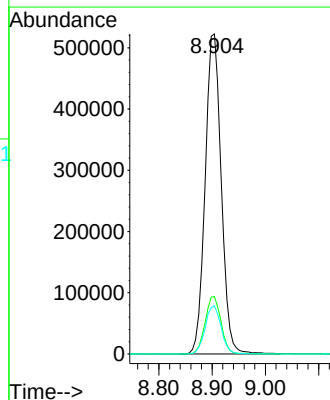
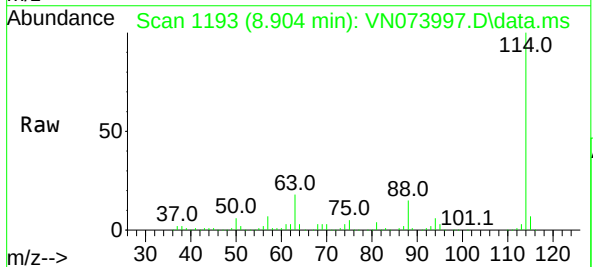
Tgt Ion: 114 Resp: 1094917

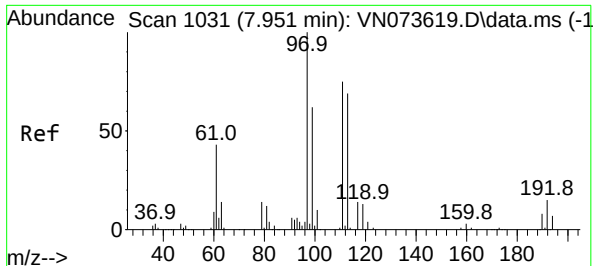
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.255 ug/l

RT: 7.951 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

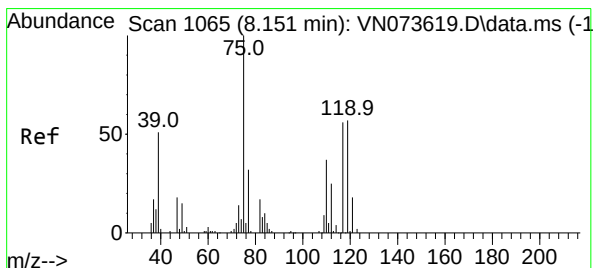
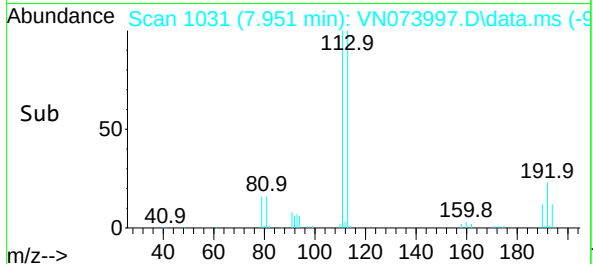
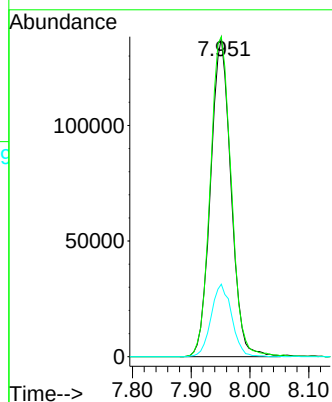
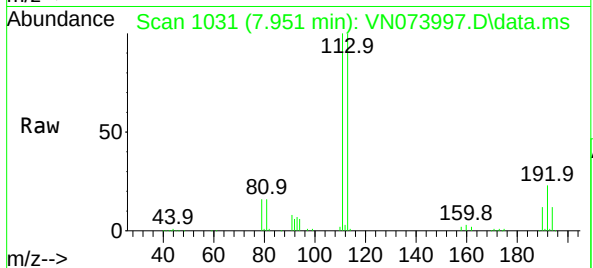
Tgt Ion:113 Resp: 331886

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 23.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.218 ug/l

RT: 8.181 min Scan# 1070

Delta R.T. 0.030 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

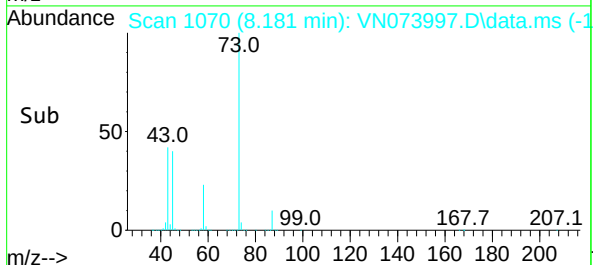
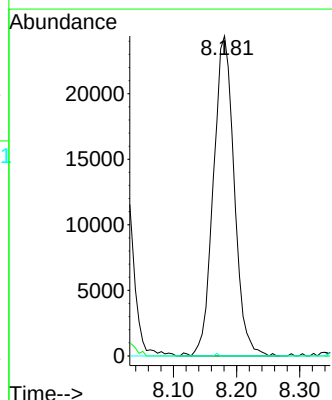
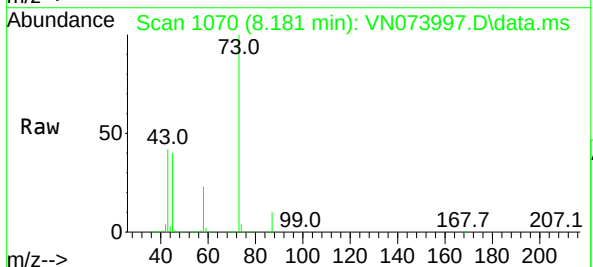
Tgt Ion: 75 Resp: 55922

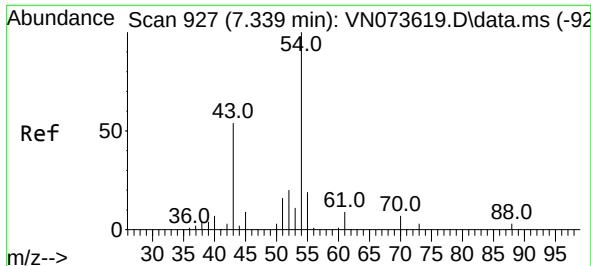
Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

77 0.0 25.1 37.7#

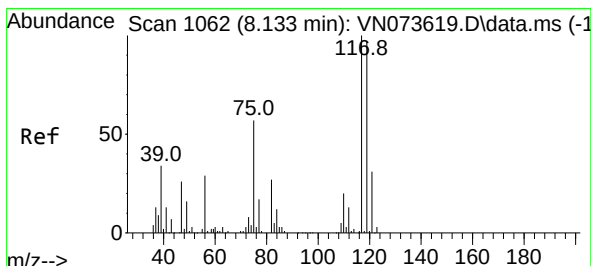
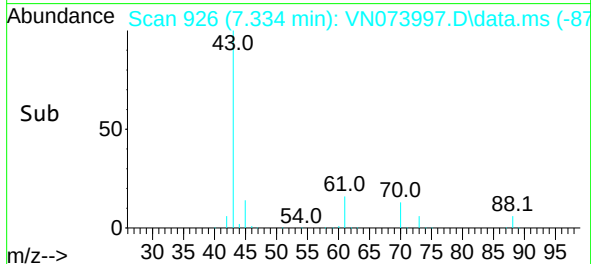
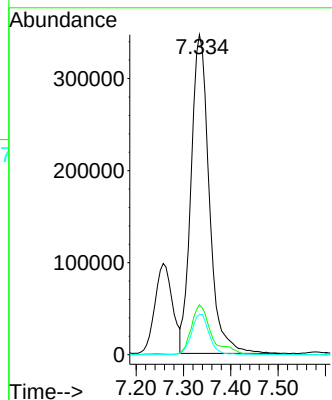
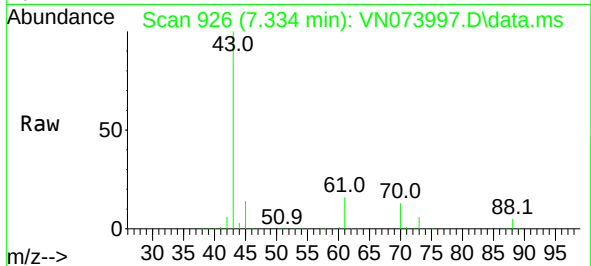




#37
Ethyl Acetate
Concen: 84.679 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

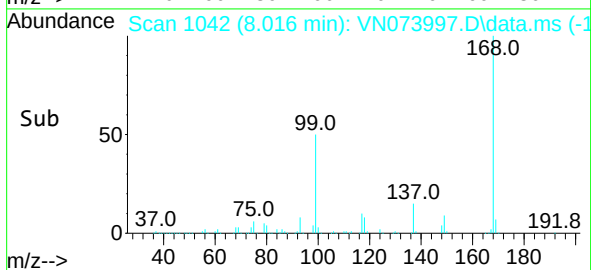
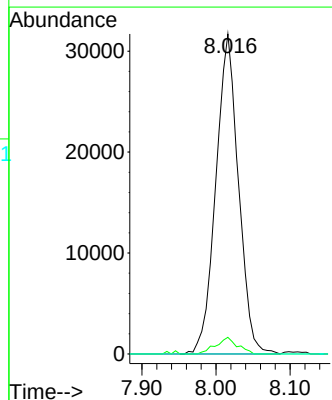
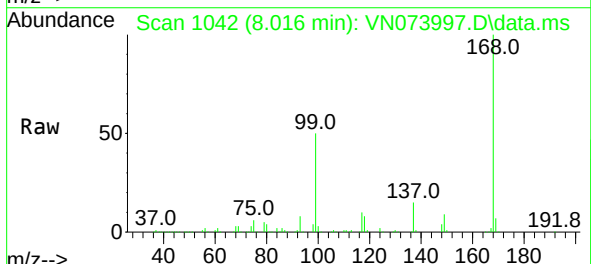
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

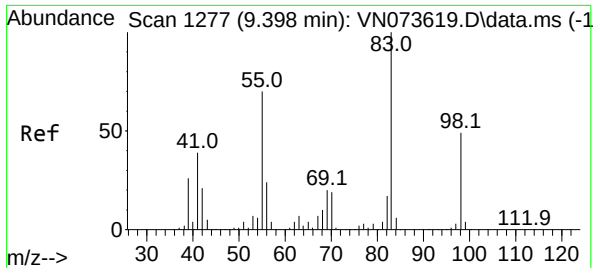
Tgt Ion: 43 Resp: 922665
Ion Ratio Lower Upper
43 100
61 17.2 11.8 17.6
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 6.536 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 117 Resp: 67191
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.343 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

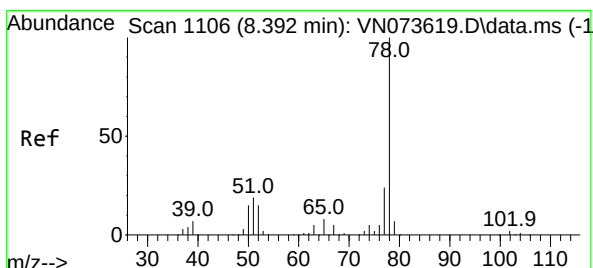
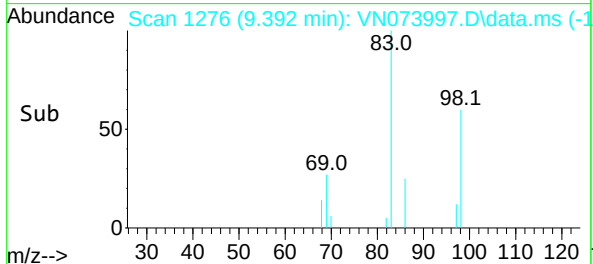
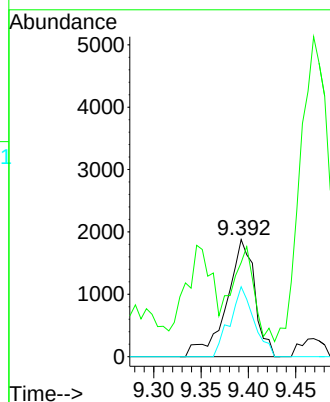
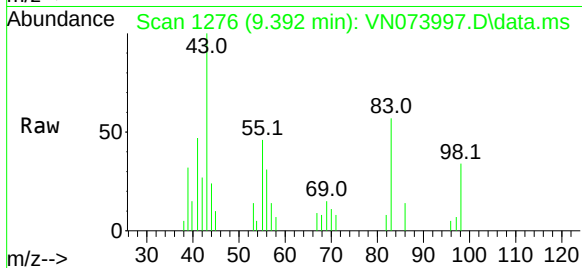
Tgt Ion: 83 Resp: 3867

Ion Ratio Lower Upper

83 100

55 55.9 57.8 86.8#

98 59.7 39.4 59.2#



#40

Benzene

Concen: 2.297 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. -0.005 min

Lab File: VN073997.D

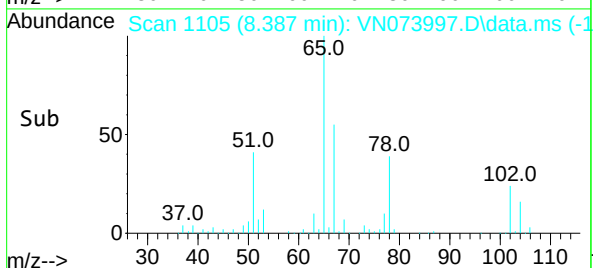
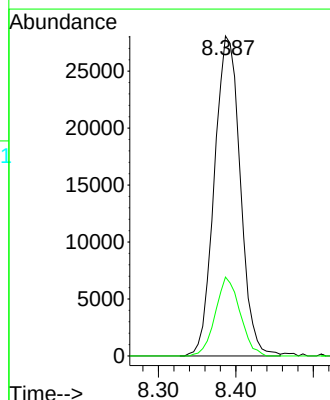
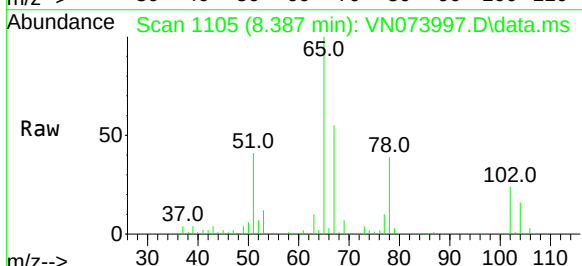
Acq: 18 Aug 2022 12:07

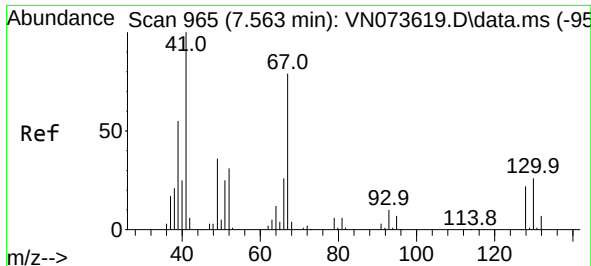
Tgt Ion: 78 Resp: 65196

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

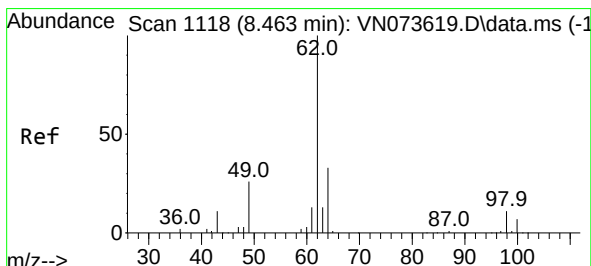
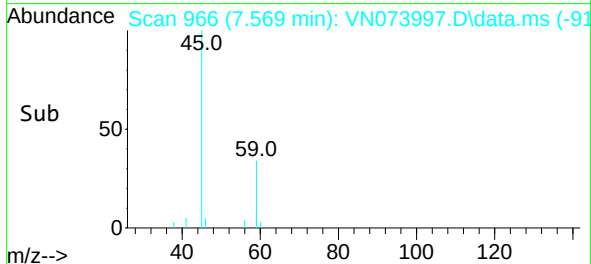
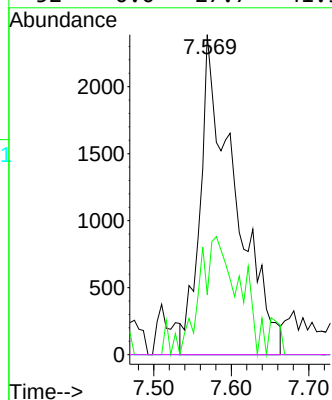
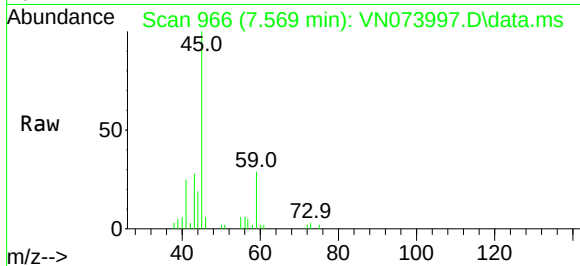




#41
Methacrylonitrile
Concen: 1.510 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

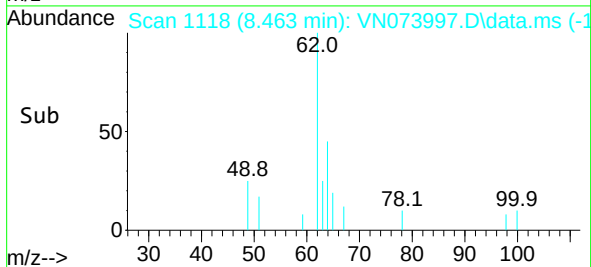
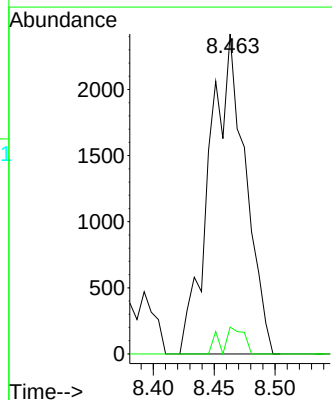
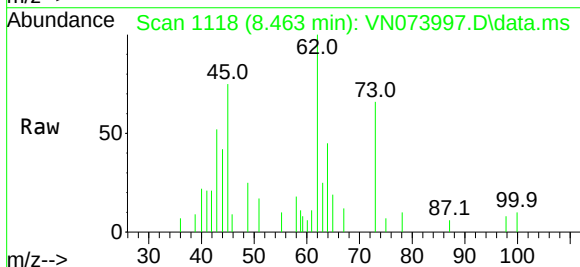
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

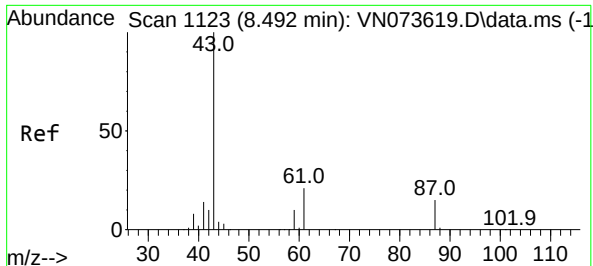
Tgt Ion: 41 Resp: 7437
Ion Ratio Lower Upper
41 100
39 30.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.509 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 62 Resp: 4964
Ion Ratio Lower Upper
62 100
98 5.0 0.0 19.4

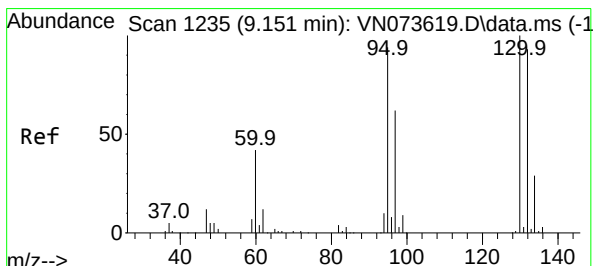
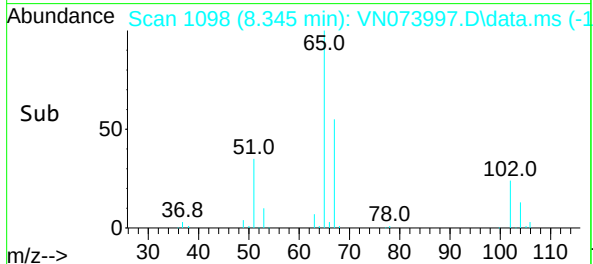
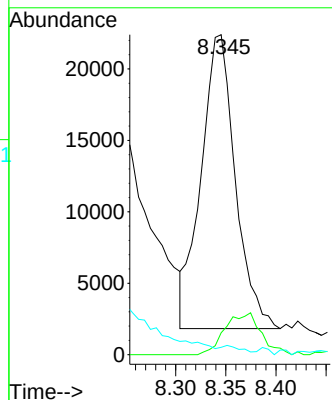
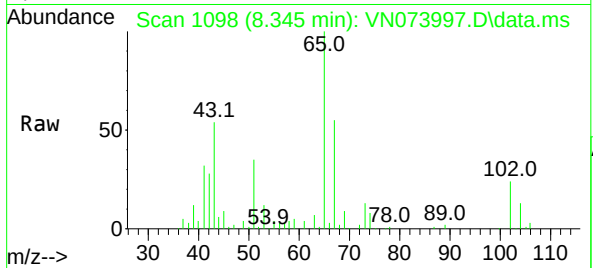




#43
Isopropyl Acetate
Concen: 3.155 ug/l
RT: 8.345 min Scan# 1098
Delta R.T. -0.147 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

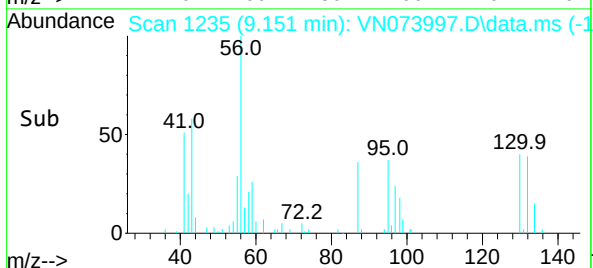
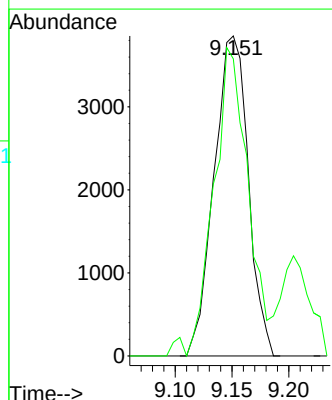
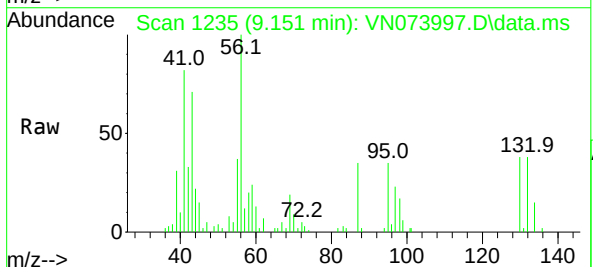
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

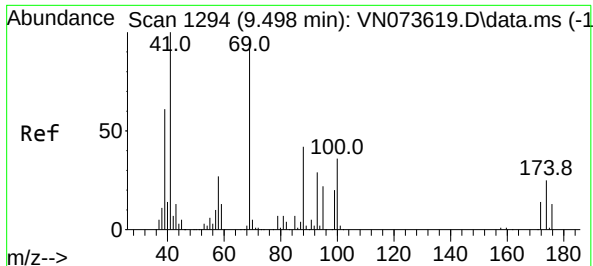
Tgt Ion: 43 Resp: 48968
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.982 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion:130 Resp: 8055
Ion Ratio Lower Upper
130 100
95 87.1 0.0 186.8





#48

Methyl methacrylate

Concen: 8.289 ug/l

RT: 9.469 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

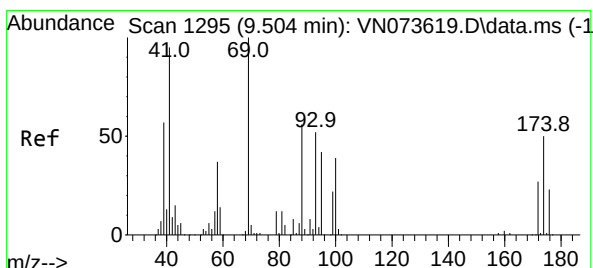
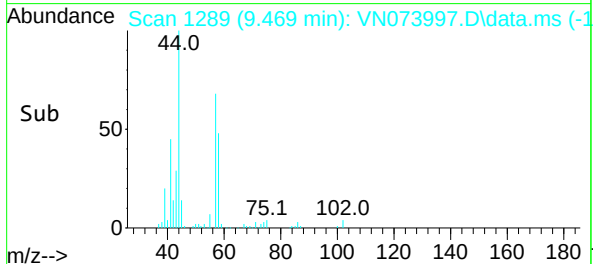
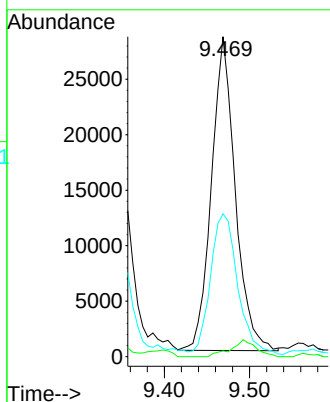
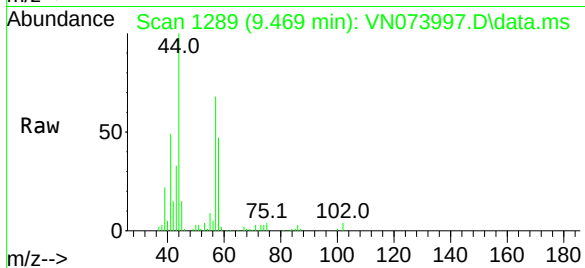
Tgt Ion: 41 Resp: 55054

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 50.9 45.6 68.4



#49

1,4-Dioxane

Concen: 38.190 ug/l

RT: 9.557 min Scan# 1304

Delta R.T. 0.053 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

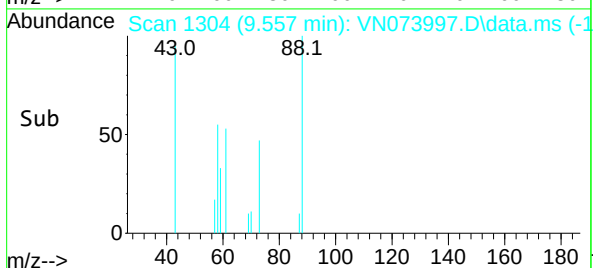
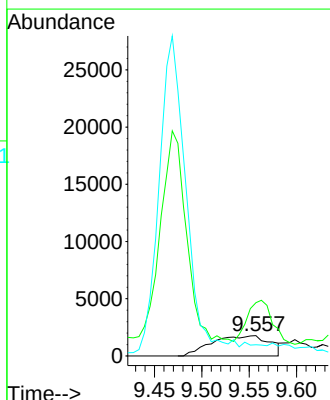
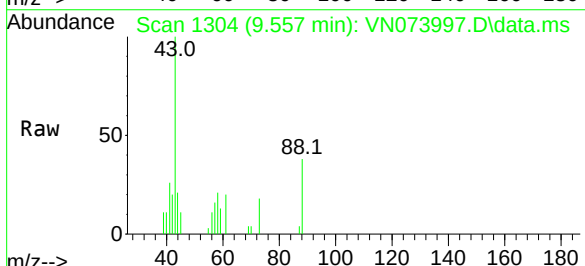
Tgt Ion: 88 Resp: 7543

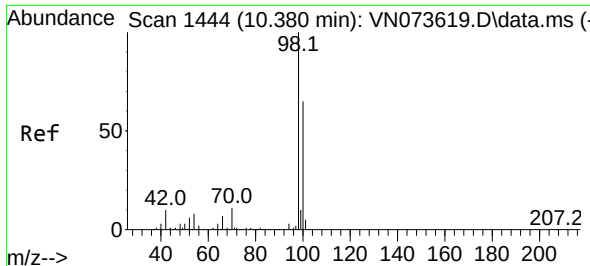
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

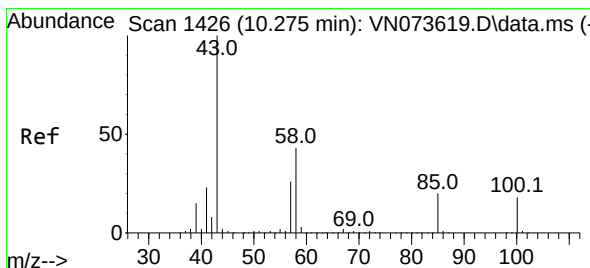
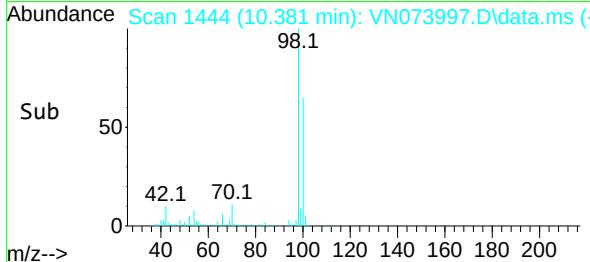
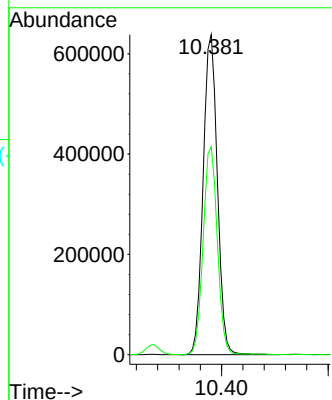
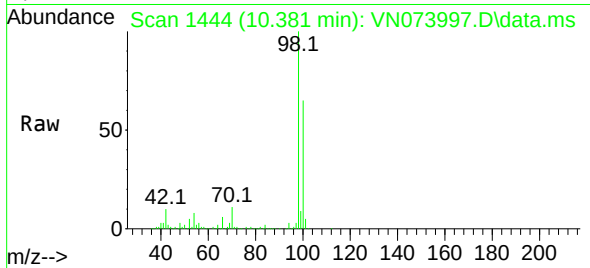




#50
Toluene-d8
Concen: 47.067 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

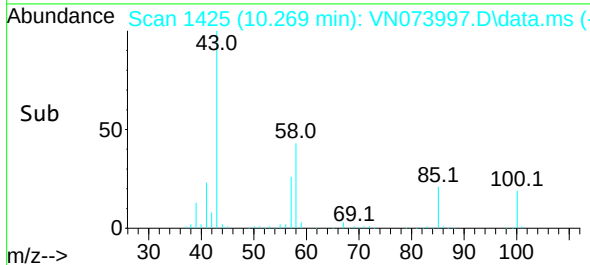
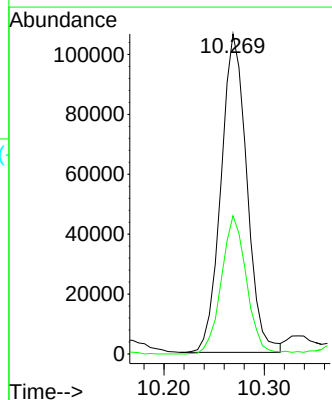
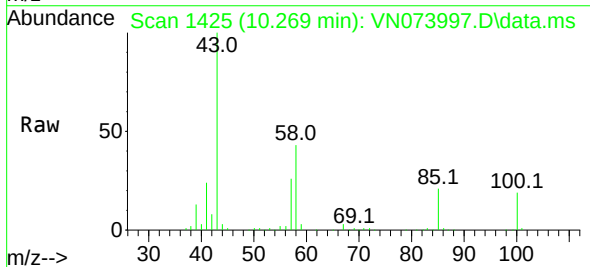
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

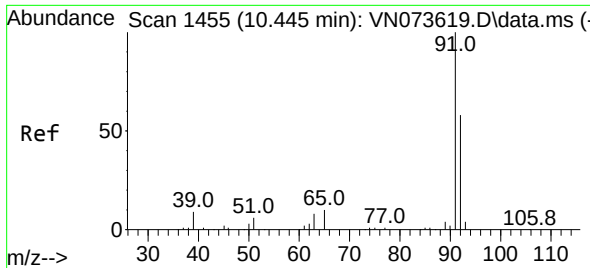
Tgt Ion: 98 Resp: 1180357
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 18.105 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 43 Resp: 190007
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1

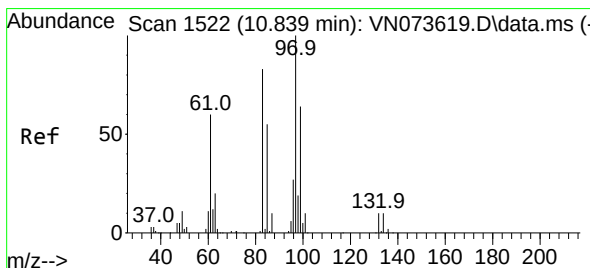
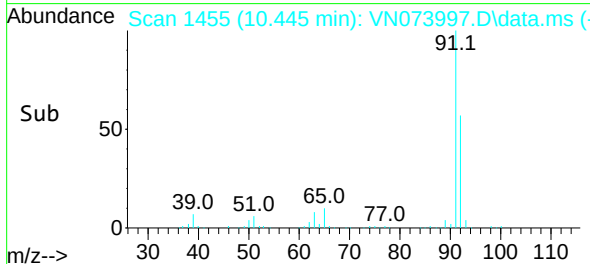
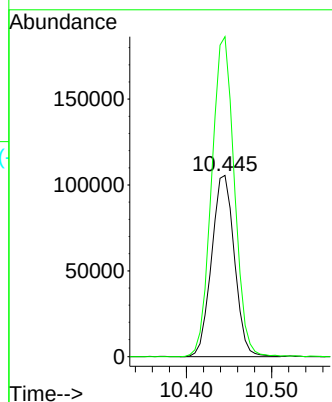
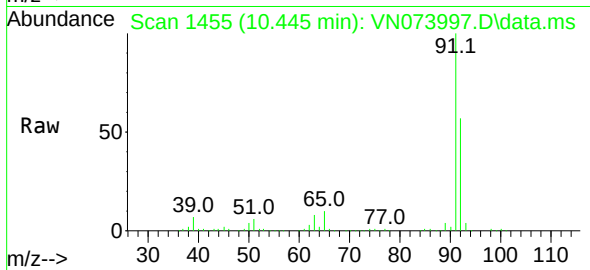




#52
Toluene
Concen: 10.092 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

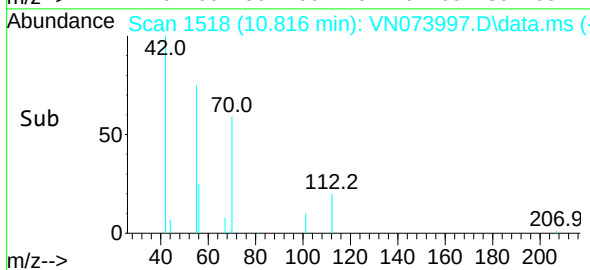
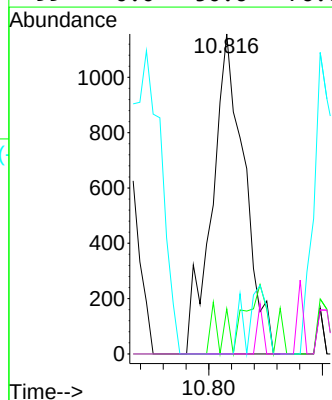
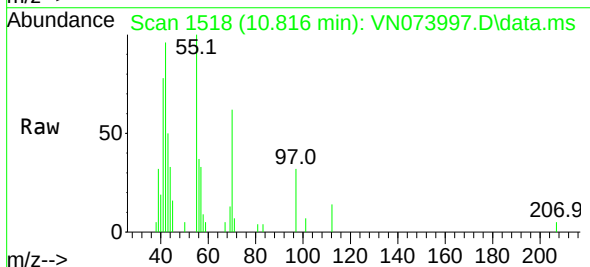
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

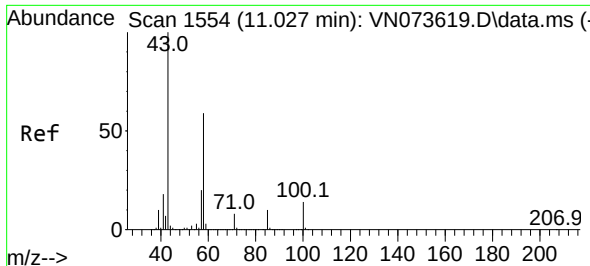
Tgt Ion: 92 Resp: 196439
Ion Ratio Lower Upper
92 100
91 176.2 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 0.302 ug/l
RT: 10.816 min Scan# 1518
Delta R.T. -0.023 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 97 Resp: 2289
Ion Ratio Lower Upper
97 100
83 14.1 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

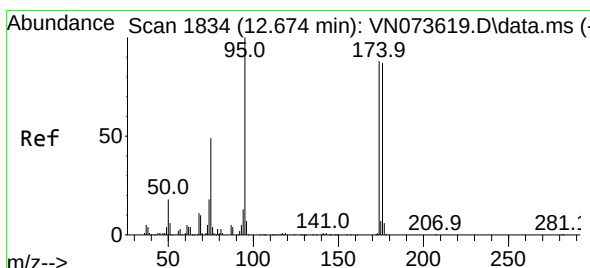
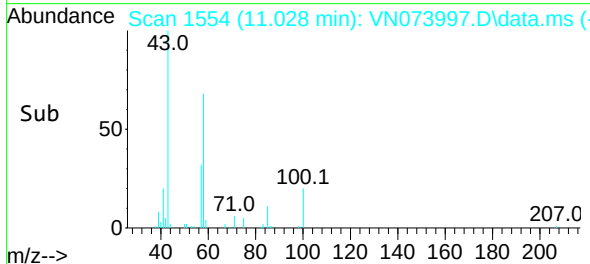
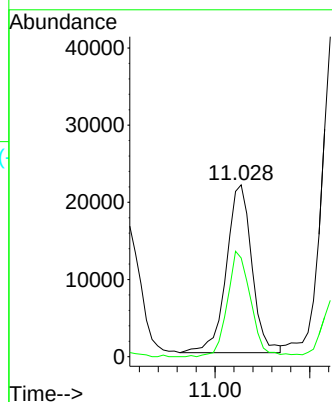
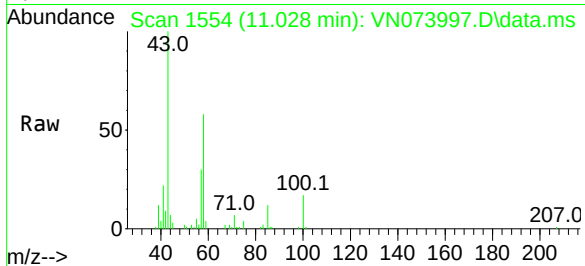




#59
2-Hexanone
Concen: 5.049 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

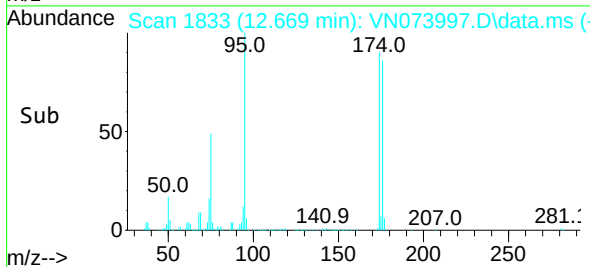
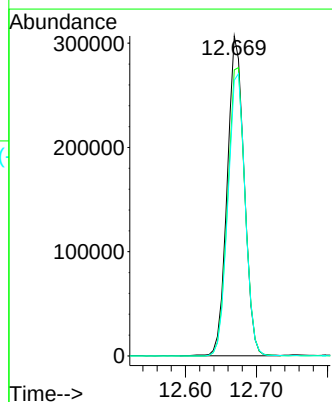
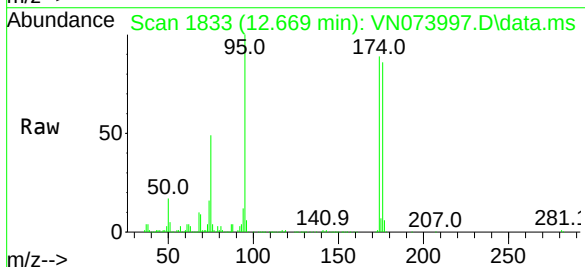
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

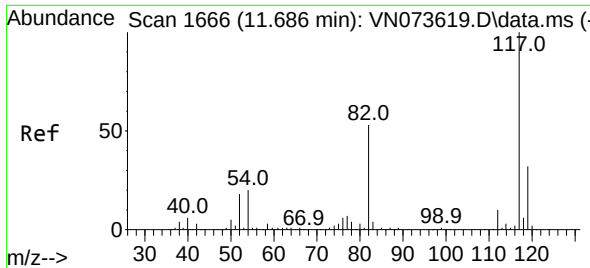
Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
58 57.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 60.902 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 95 Resp: 506885
Ion Ratio Lower Upper
95 100
174 92.1 0.0 167.6
176 90.0 0.0 163.4

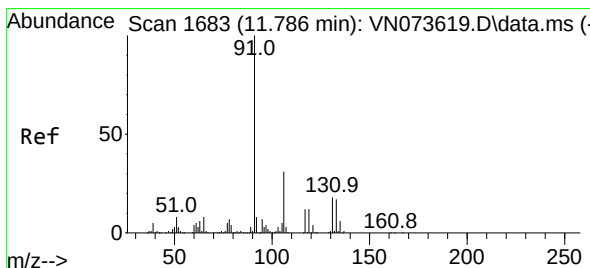
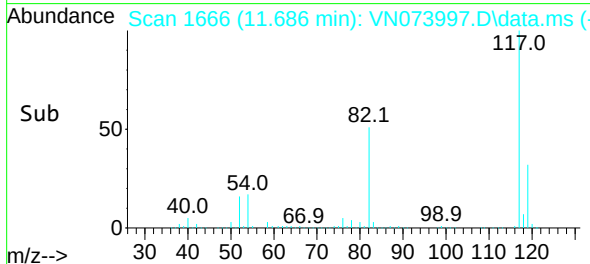
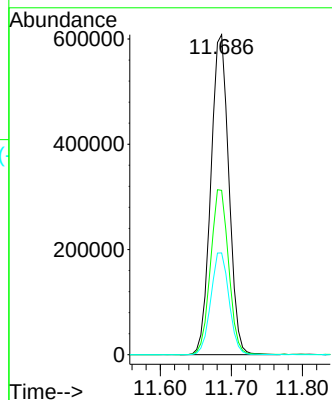
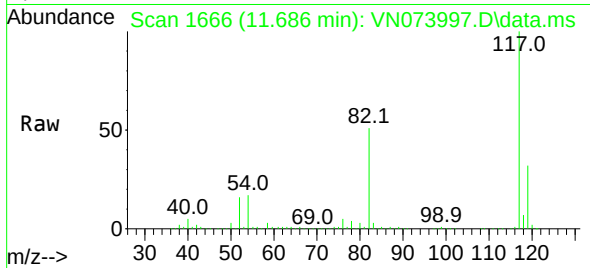




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

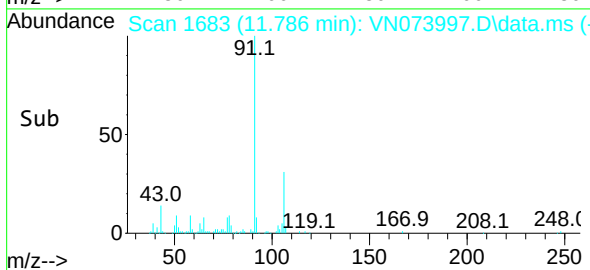
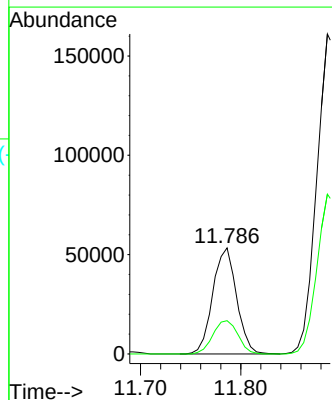
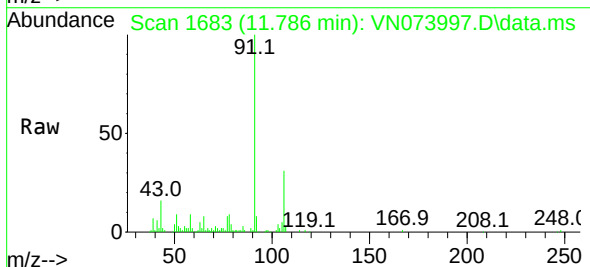
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

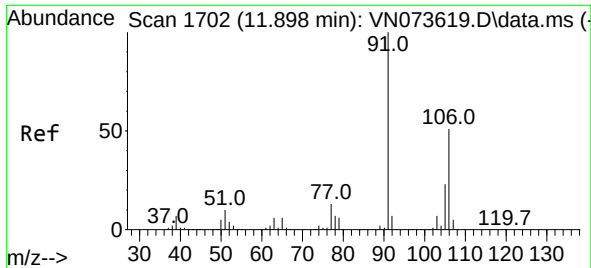
Tgt Ion:117 Resp: 1068081
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 31.8 25.4 38.0



#67
Ethyl Benzene
Concen: 2.335 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 91 Resp: 88159
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

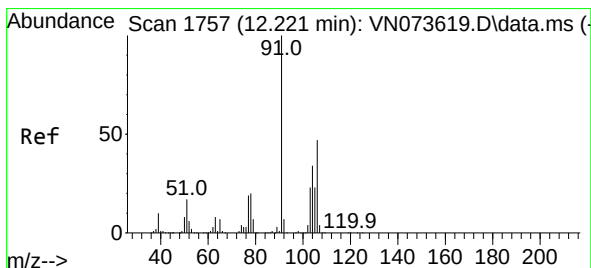
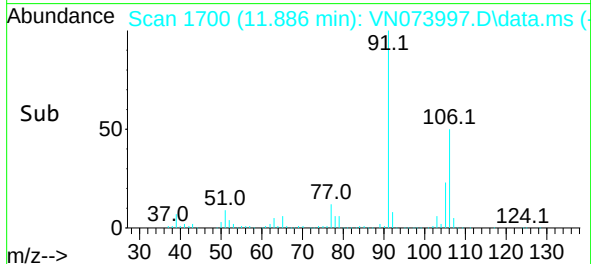
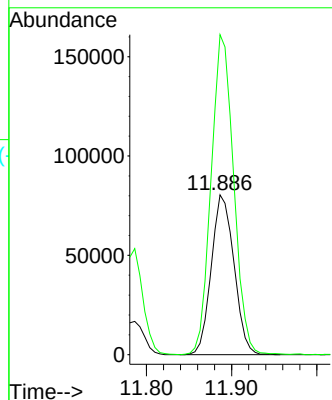
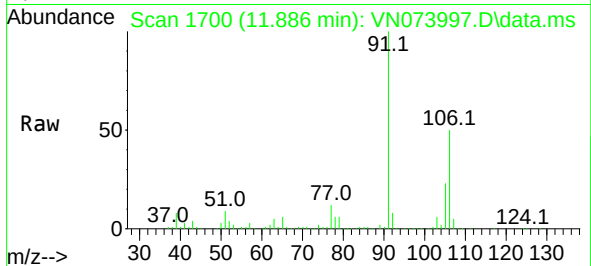




#68
m/p-Xylenes
Concen: 9.701 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

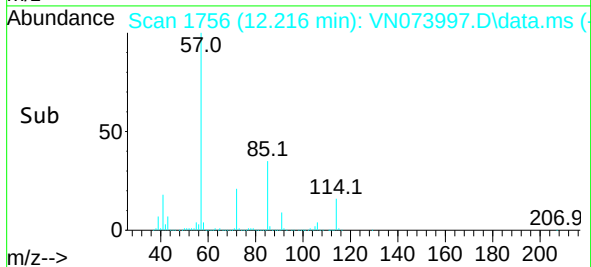
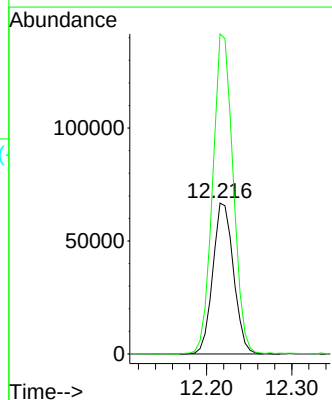
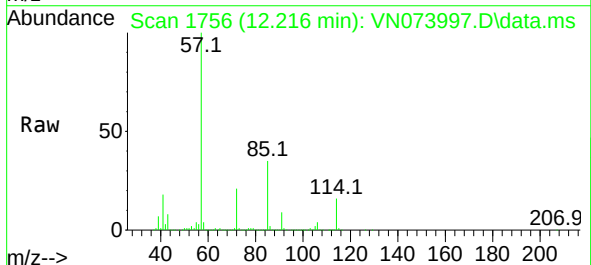
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

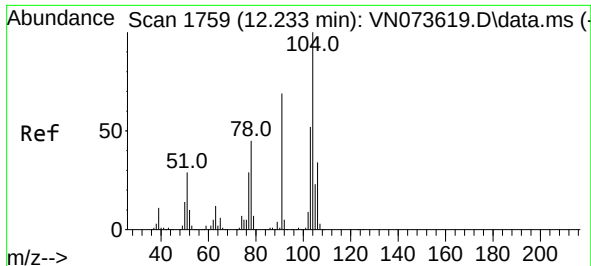
Tgt Ion:106 Resp: 148796
Ion Ratio Lower Upper
106 100
91 199.2 158.9 238.3



#69
o-Xylene
Concen: 7.320 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion:106 Resp: 112594
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0

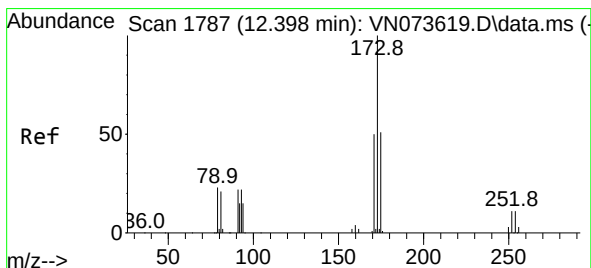
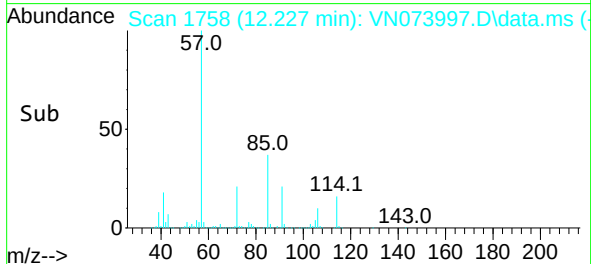
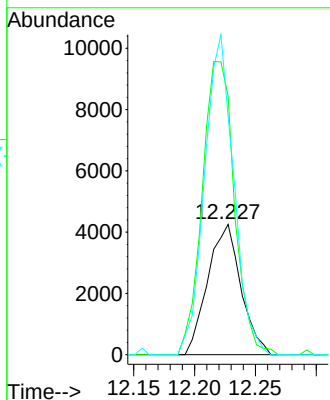
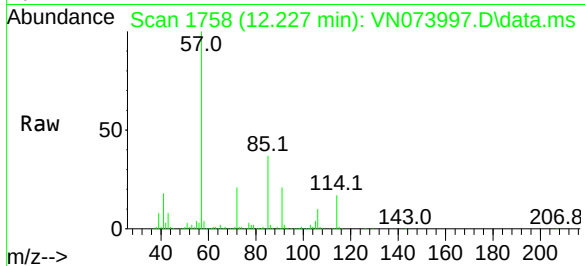




#70
Styrene
Concen: 0.334 ug/l
RT: 12.227 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

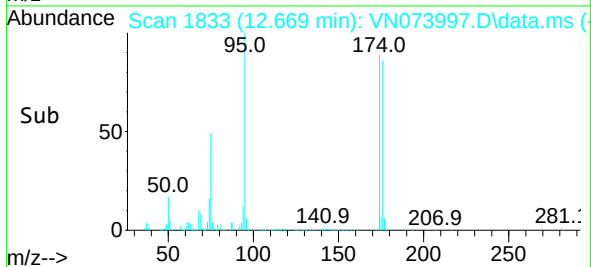
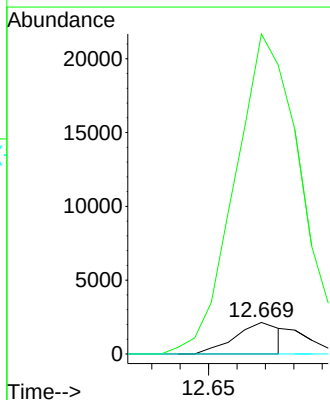
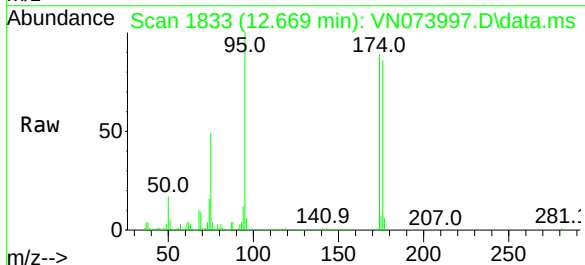
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

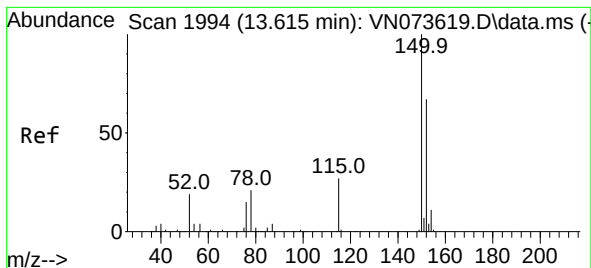
Tgt Ion:104 Resp: 8038
Ion Ratio Lower Upper
104 100
78 218.3 39.5 59.3#
103 216.6 44.0 66.0#



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion:173 Resp: 2368
Ion Ratio Lower Upper
173 100
175 1061.2 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

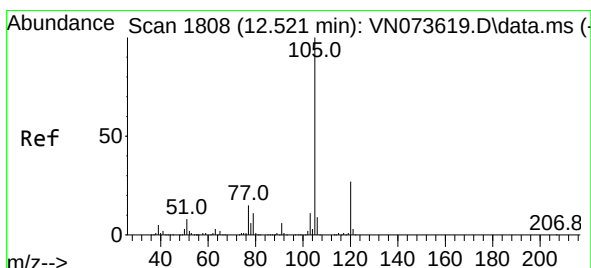
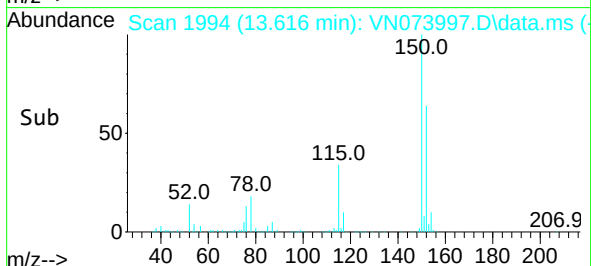
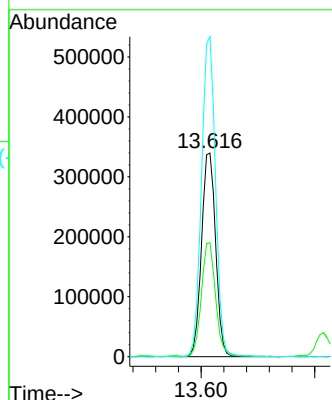
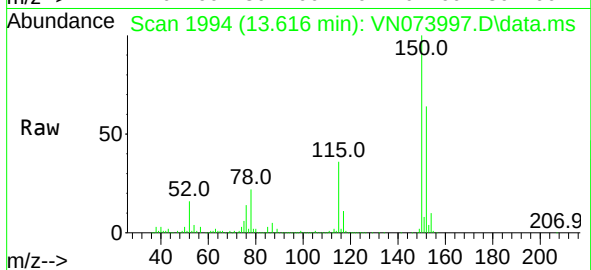
Tgt Ion:152 Resp: 587470

Ion Ratio Lower Upper

152 100

115 56.2 28.9 86.7

150 155.6 0.0 356.2



#73

Isopropylbenzene

Concen: 0.524 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VN073997.D

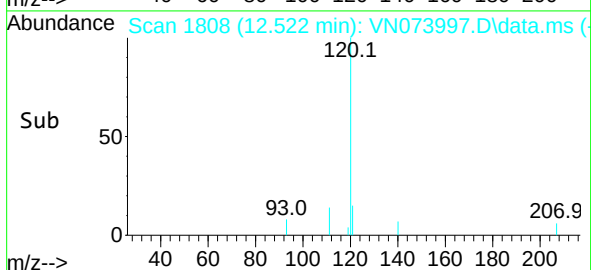
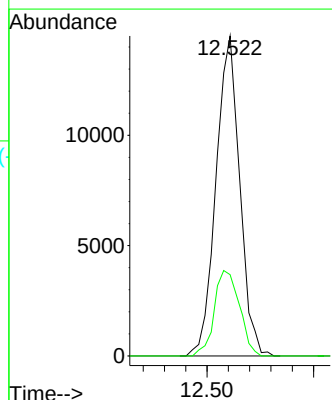
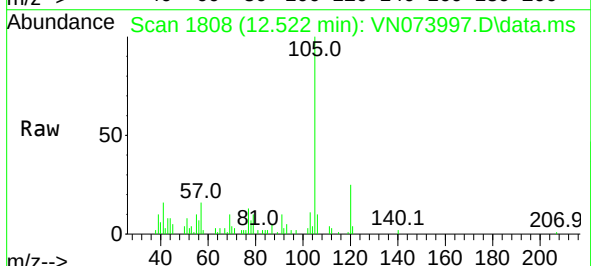
Acq: 18 Aug 2022 12:07

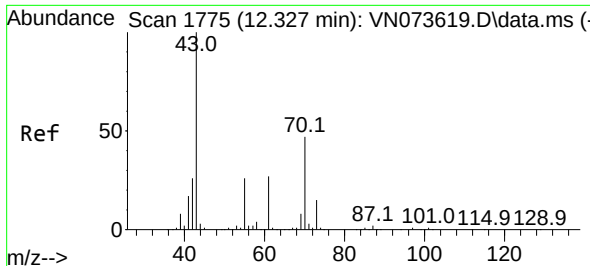
Tgt Ion:105 Resp: 22408

Ion Ratio Lower Upper

105 100

120 28.2 13.5 40.4

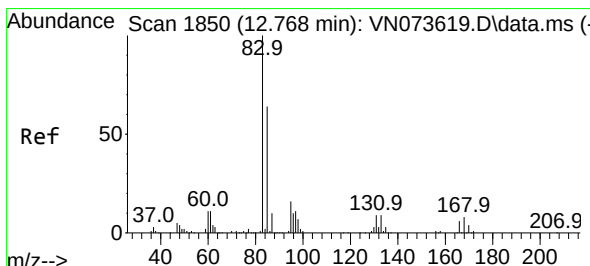
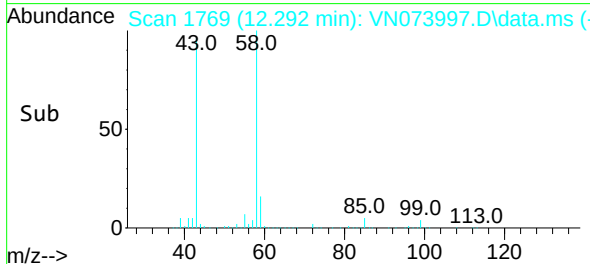
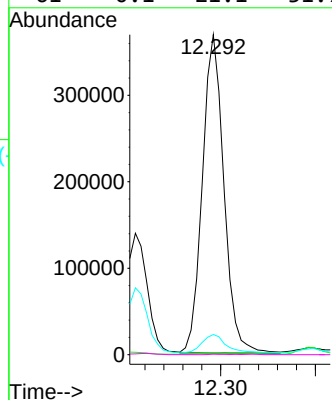
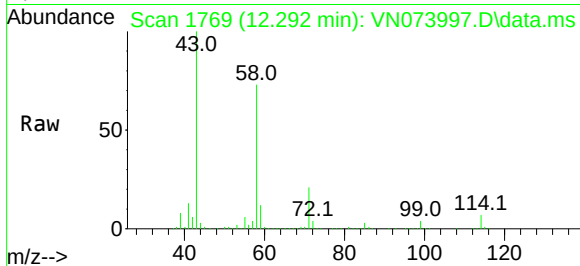




#74
N-amy1 acetate
Concen: 35.902 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

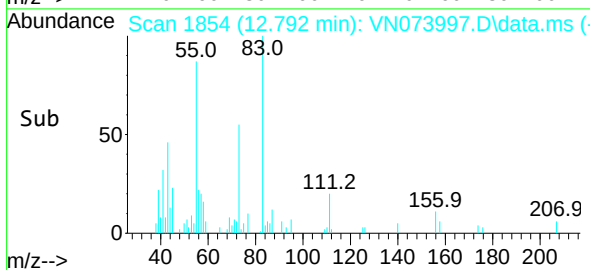
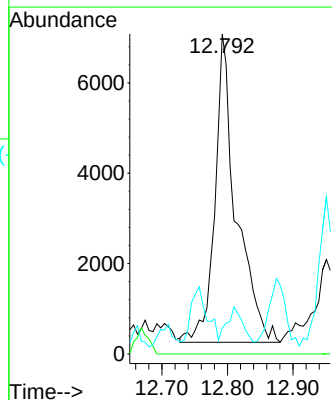
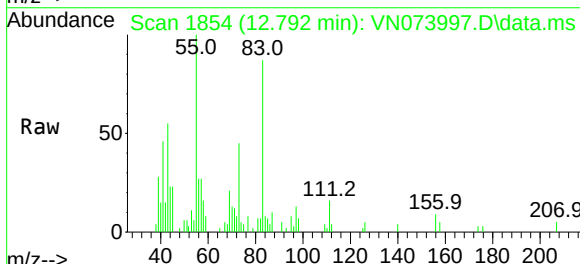
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

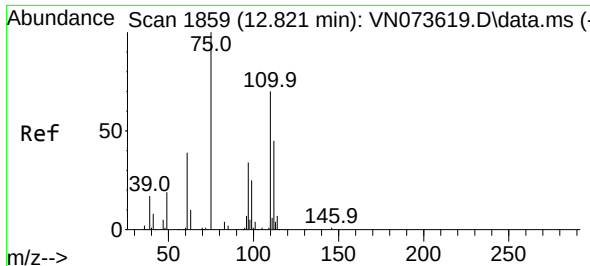
Tgt Ion: 43 Resp: 580592
Ion Ratio Lower Upper
43 100
70 0.6 39.0 58.4#
55 6.9 21.1 31.7#
61 0.1 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.071 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. 0.024 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 83 Resp: 15375
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 8.5 32.3 96.9#

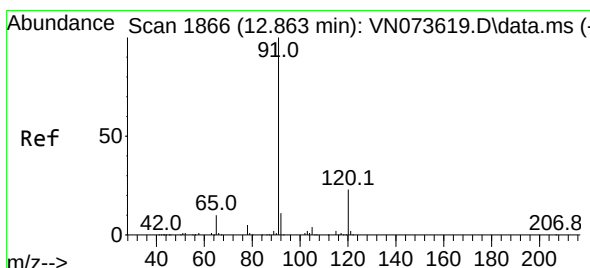
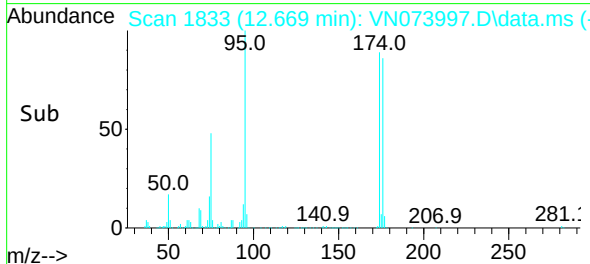
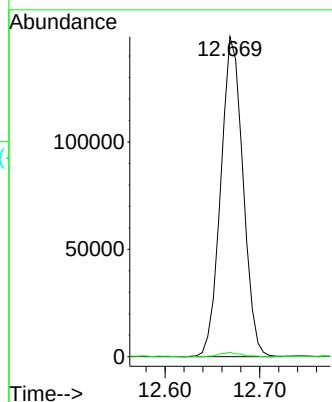
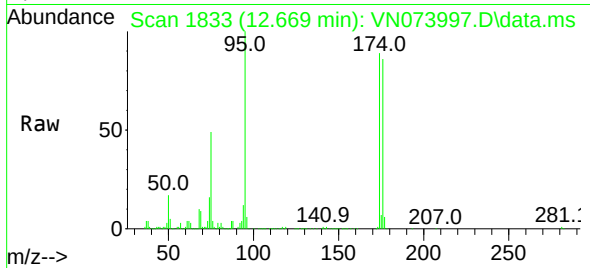




#76
1,2,3-Trichloropropane
Concen: 19.918 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

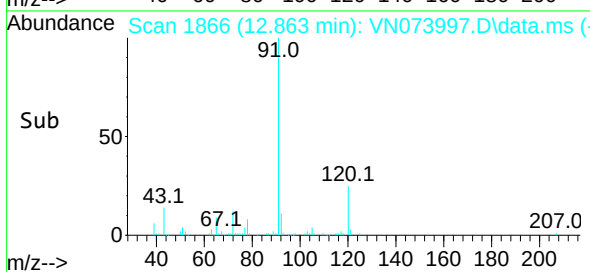
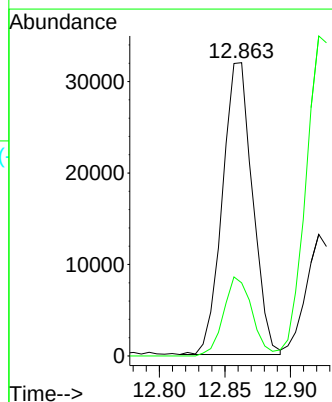
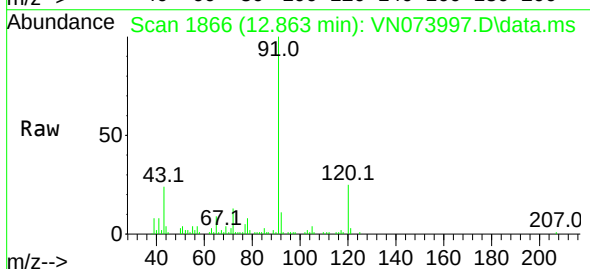
Instrument :
MSVOA_N
ClientSampleId :
TRE-1630

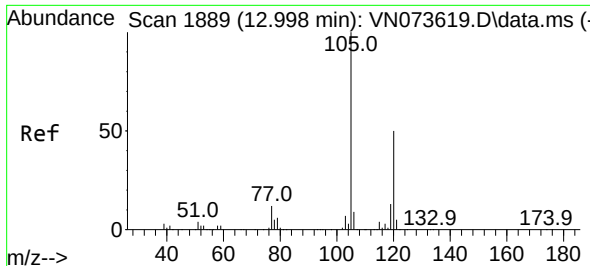
Tgt Ion: 75 Resp: 243211
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#78
n-propylbenzene
Concen: 1.117 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073997.D
Acq: 18 Aug 2022 12:07

Tgt Ion: 91 Resp: 50935
Ion Ratio Lower Upper
91 100
120 25.4 11.9 35.5

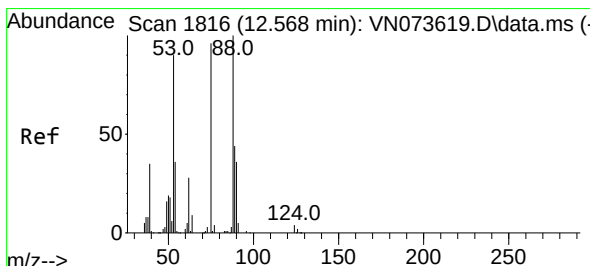
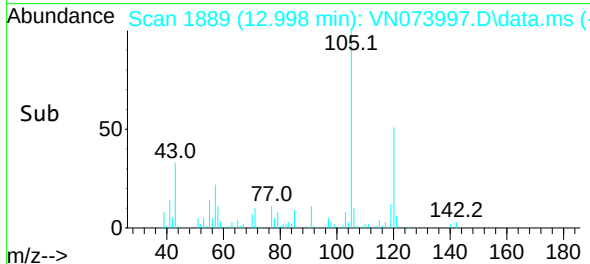
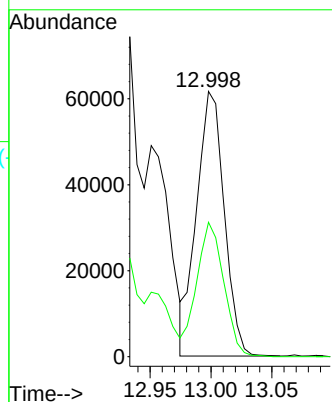
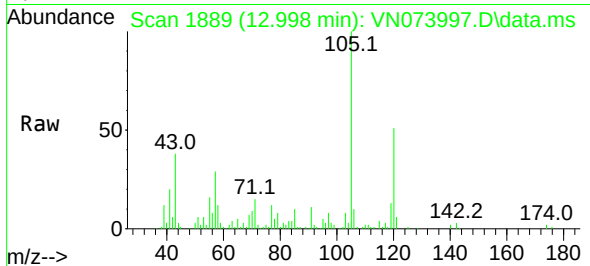




#80
 1,3,5-Trimethylbenzene
 Concen: 2.797 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

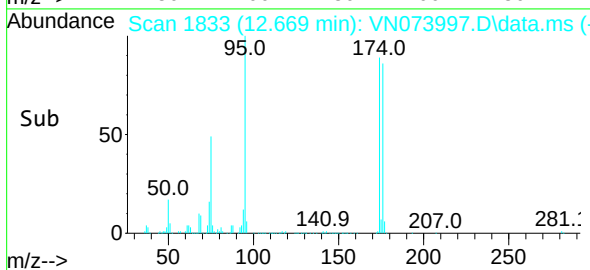
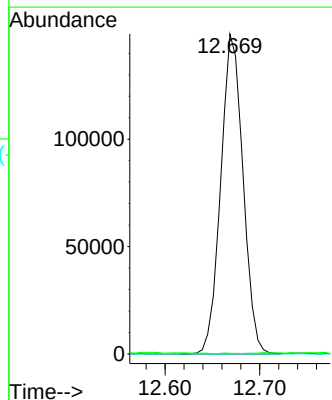
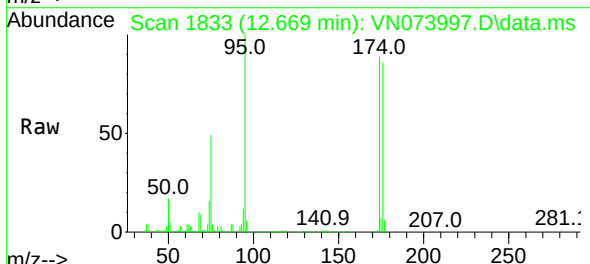
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1630

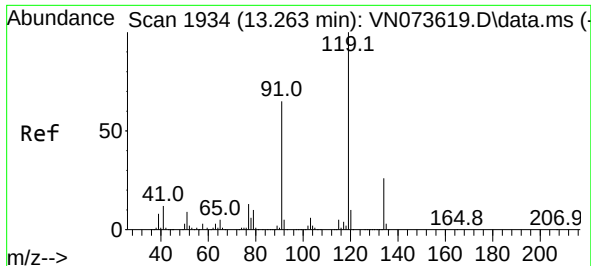
Tgt Ion:105 Resp: 97313
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.651 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.101 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

Tgt Ion: 75 Resp: 243211
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 37.2 55.8#

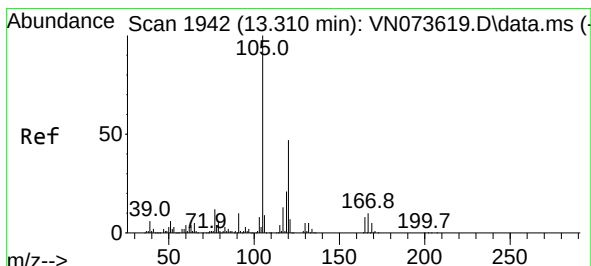
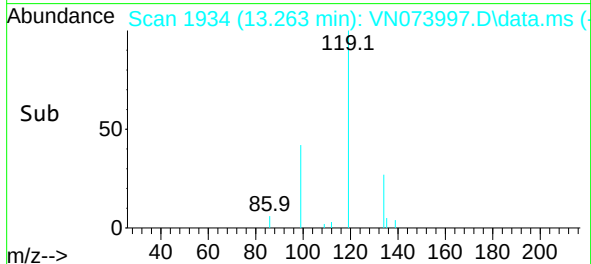
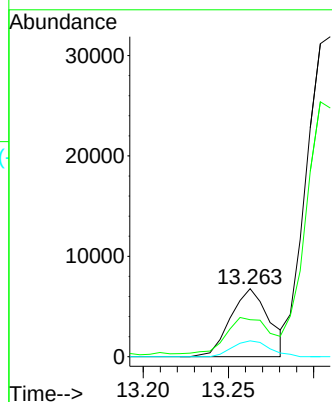
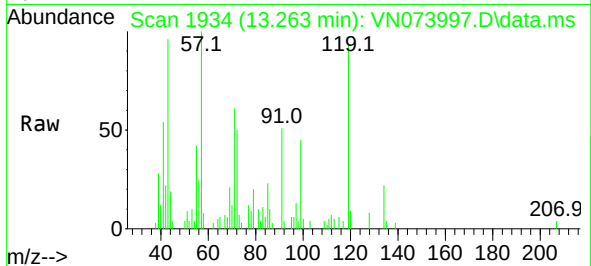




#83
 tert-Butylbenzene
 Concen: 0.331 ug/l
 RT: 13.263 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

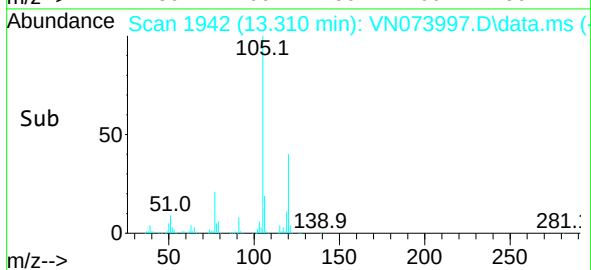
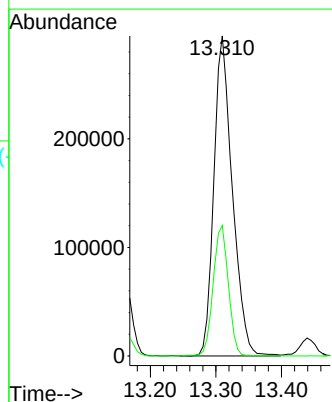
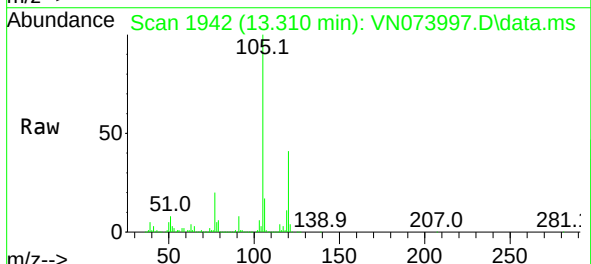
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1630

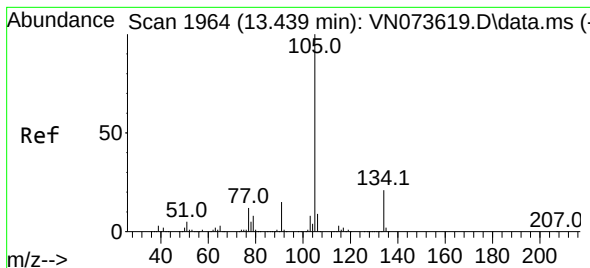
Tgt Ion:119 Resp: 10608
 Ion Ratio Lower Upper
 119 100
 91 60.9 31.6 94.8
 134 22.5 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.616 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

Tgt Ion:105 Resp: 577344
 Ion Ratio Lower Upper
 105 100
 120 33.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 0.628 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

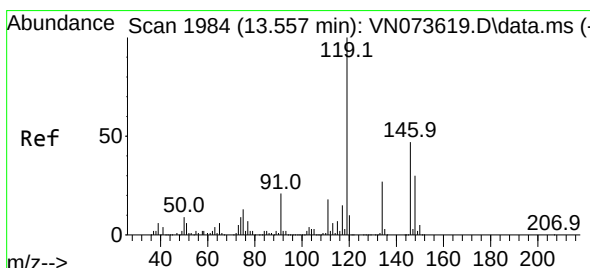
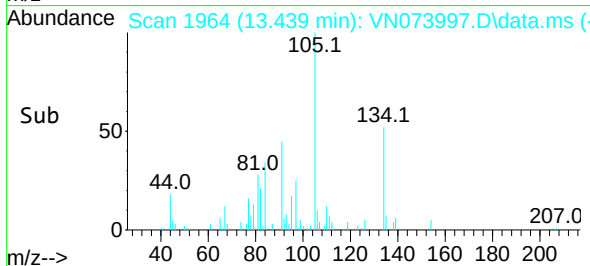
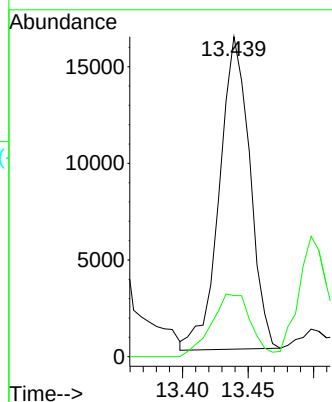
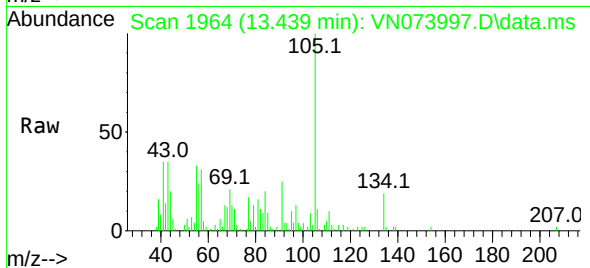
TRE-1630

Tgt Ion:105 Resp: 26044

Ion Ratio Lower Upper

105 100

134 25.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 1.000 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

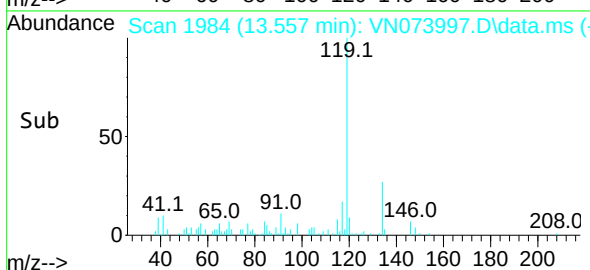
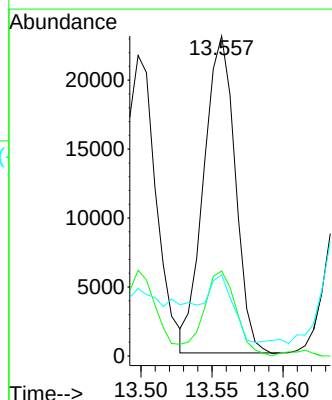
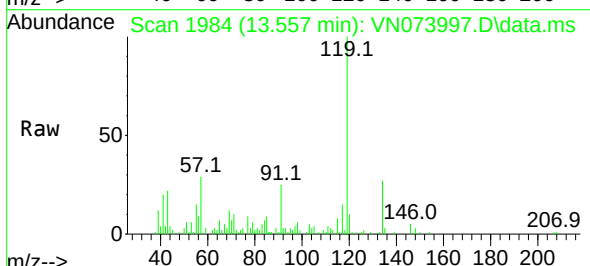
Tgt Ion:119 Resp: 35352

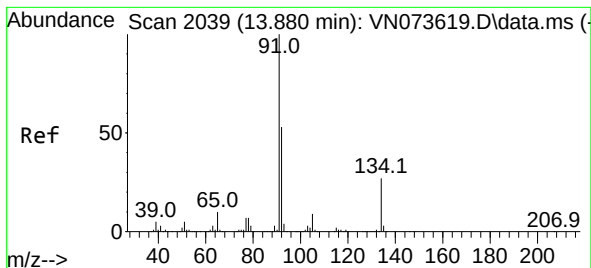
Ion Ratio Lower Upper

119 100

134 27.7 13.3 39.8

91 17.6 11.3 33.9





#89

n-Butylbenzene

Concen: 1.055 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

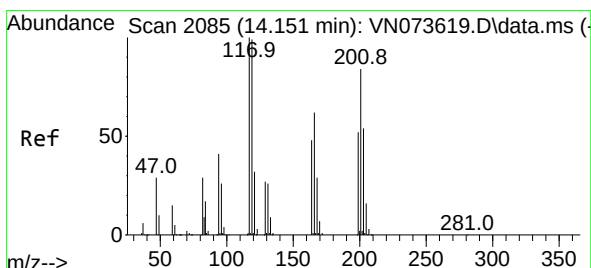
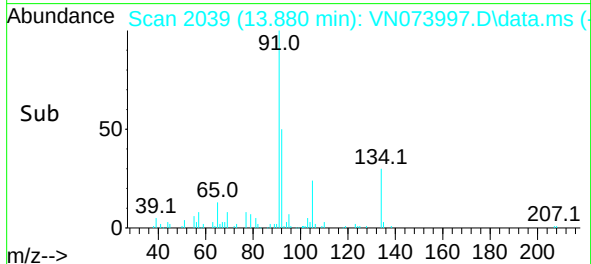
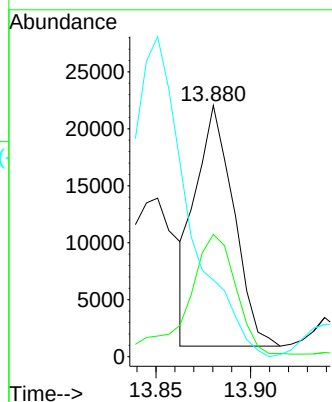
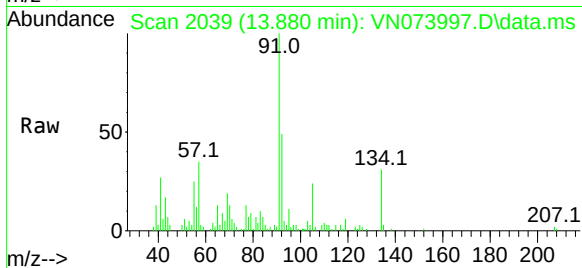
Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

Tgt Ion:	91	Resp:	29550
Ion Ratio	Lower	Upper	
91	100		
92	62.5	26.9	80.7
134	0.0	13.6	40.8



#90

Hexachloroethane

Concen: 1.885 ug/l

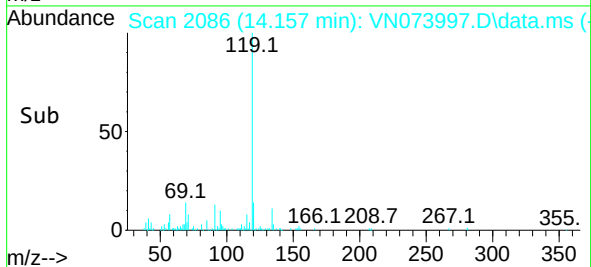
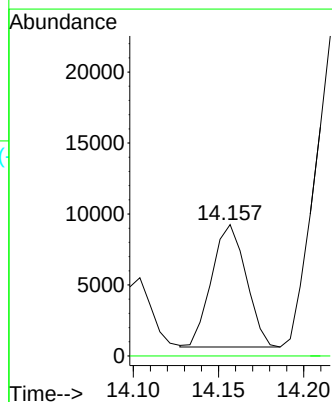
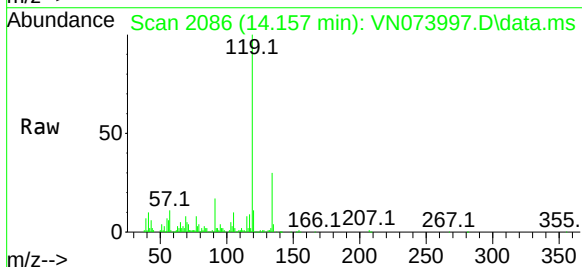
RT: 14.157 min Scan# 2086

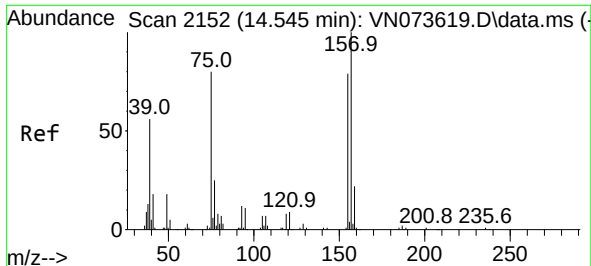
Delta R.T. 0.006 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Tgt Ion:	117	Resp:	12180
Ion Ratio	Lower	Upper	
117	100		
201	0.0	40.6	122.0

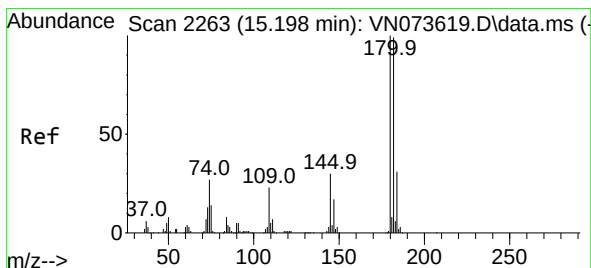
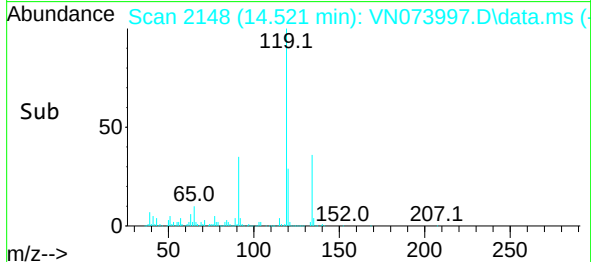
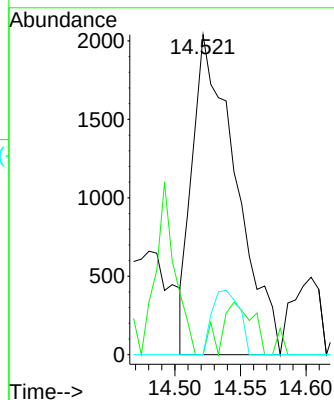
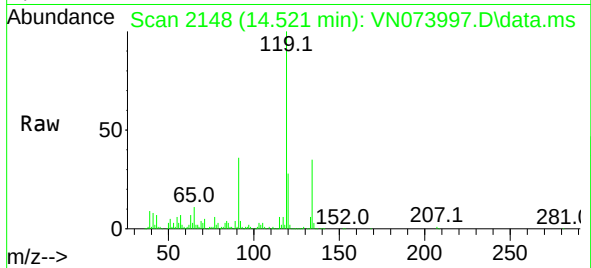




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.385 ug/l
 RT: 14.521 min Scan# 2152
 Delta R.T. -0.024 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

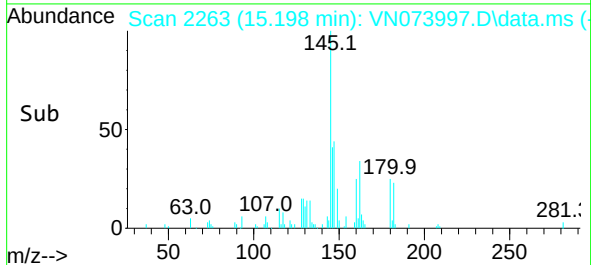
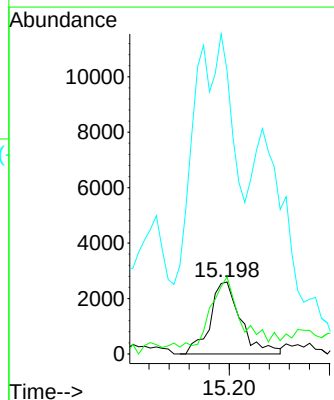
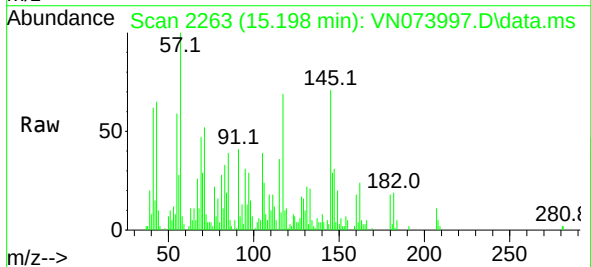
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1630

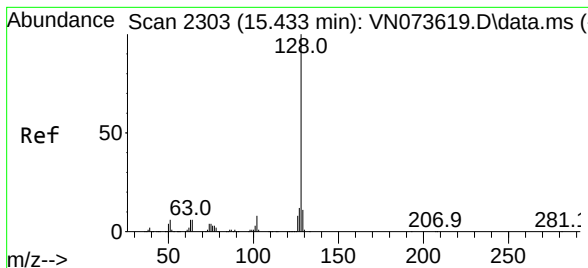
Tgt Ion: 75 Resp: 4693
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 0.0 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.437 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: VN073997.D
 Acq: 18 Aug 2022 12:07

Tgt Ion: 180 Resp: 5518
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.5 142.5
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 14.598 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

TRE-1630

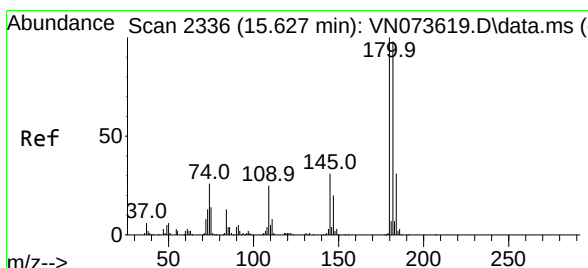
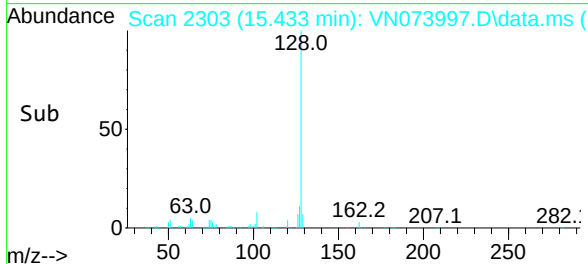
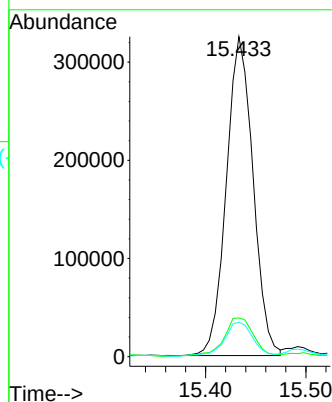
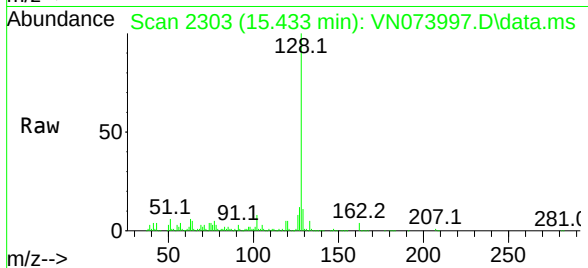
Tgt Ion:128 Resp: 600620

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.598 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073997.D

Acq: 18 Aug 2022 12:07

Tgt Ion:180 Resp: 7805

Ion Ratio Lower Upper

180 100

182 82.7 47.8 143.3

145 389.0 15.5 46.5#

