

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073919.D
 Acq On : 16 Aug 2022 01:42
 Operator : JC\MD
 Sample : N4188-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S3

Quant Time: Aug 16 05:13:34 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)

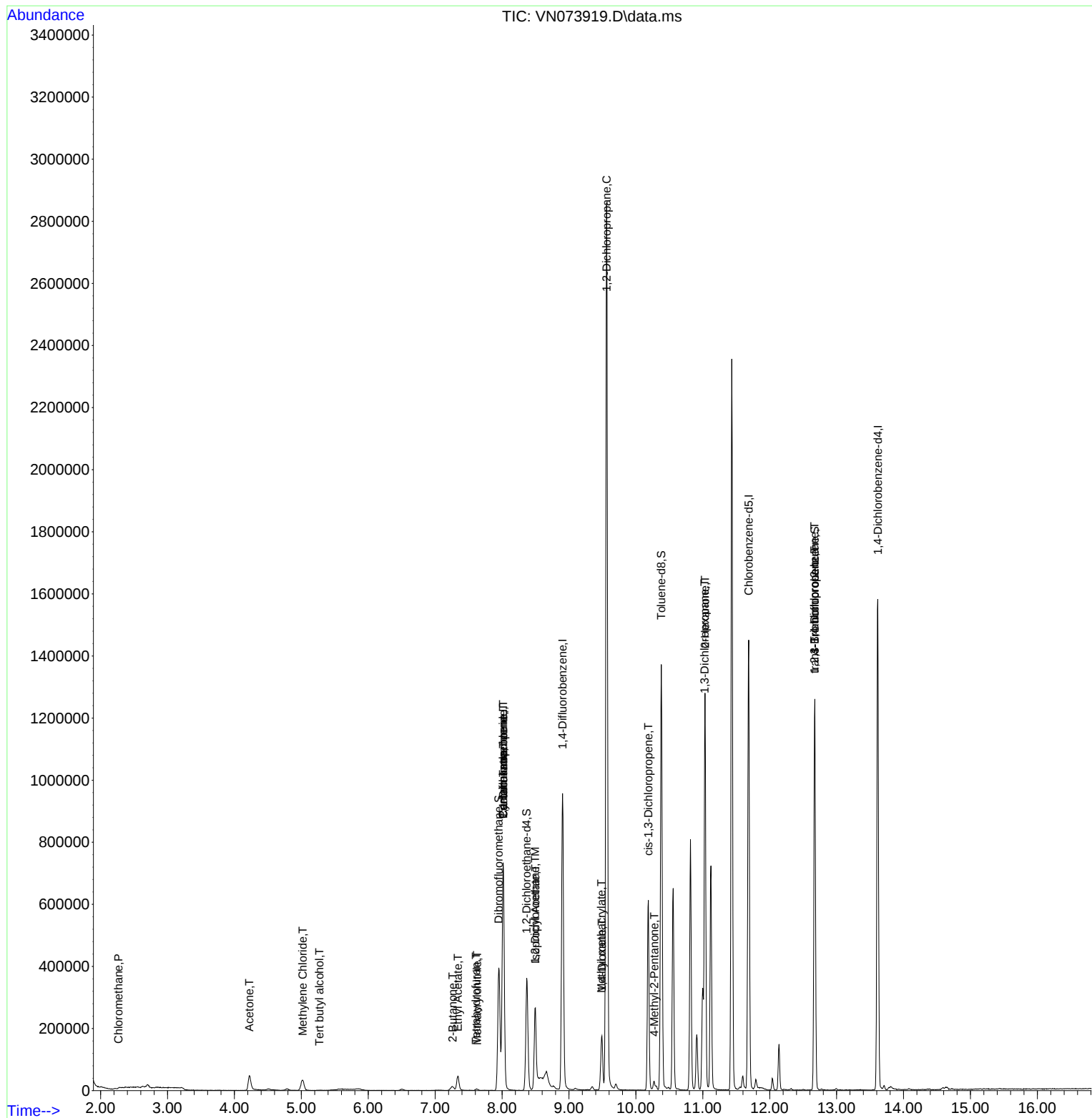
Internal Standards						
1) Pentafluorobenzene	8.016	168	638450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	917754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	903035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	484019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	299194	48.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	7.951	113	291595	53.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	10.380	98	983513	46.789	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.580%		
62) 4-Bromofluorobenzene	12.674	95	415215	59.518	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.040%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	1234	0.219	ug/l	93
11) Tert butyl alcohol	5.269	59	907	0.652	ug/l #	72
16) Acetone	4.222	43	90075	30.703	ug/l	95
18) Methyl Acetate	4.793	43	11342	Below Cal		91
20) Methylene Chloride	5.022	84	30805	4.976	ug/l	86
25) 2-Butanone	7.263	43	18472	3.971	ug/l	91
29) Tetrahydrofuran	7.610	42	3433	1.150	ug/l	95
31) Cyclohexane	8.016	56	9706	1.120	ug/l #	10
36) 1,1-Dichloropropene	8.016	75	38386	5.092	ug/l #	50
37) Ethyl Acetate	7.339	43	70369	7.705	ug/l	99
38) Carbon Tetrachloride	8.016	117	54532	6.329	ug/l #	16
41) Methacrylonitrile	7.628	41	2163	0.524	ug/l #	38
42) 1,2-Dichloroethane	8.492	62	2225	0.272	ug/l #	74
43) Isopropyl Acetate	8.498	43	328208	25.226	ug/l #	91
45) 1,2-Dichloropropane	9.563	63	4017	0.704	ug/l #	44
48) Methyl methacrylate	9.486	41	9952	1.788	ug/l #	40
49) 1,4-Dioxane	9.492	88	182	1.099	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	16585	1.885	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	119497	12.559	ug/l #	60
57) 1,3-Dichloropropane	11.027	76	14849	1.439	ug/l #	42
59) 2-Hexanone	11.033	43	166569	24.604	ug/l #	49
76) 1,2,3-Trichloropropane	12.668	75	203972	20.275	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	203972	57.666	ug/l #	10

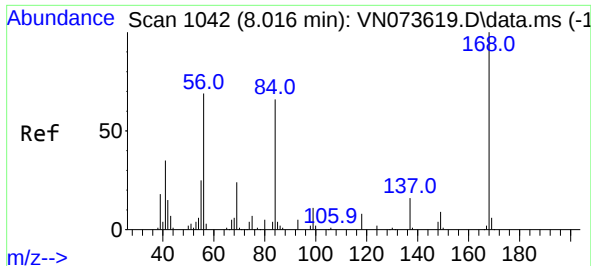
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
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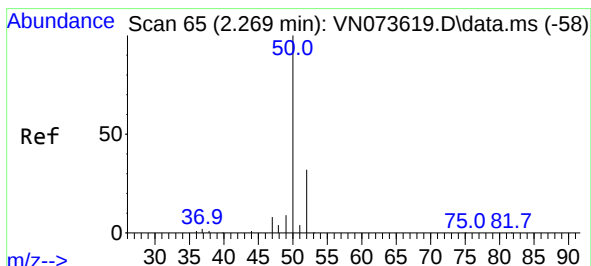
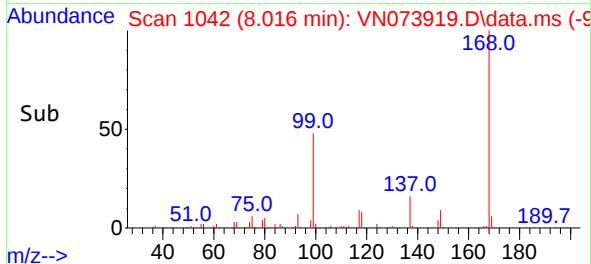
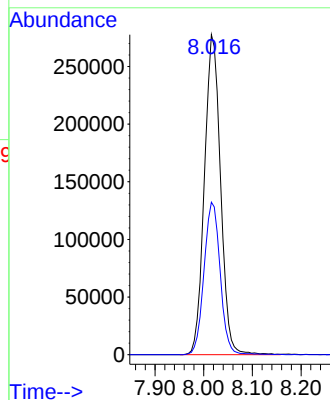
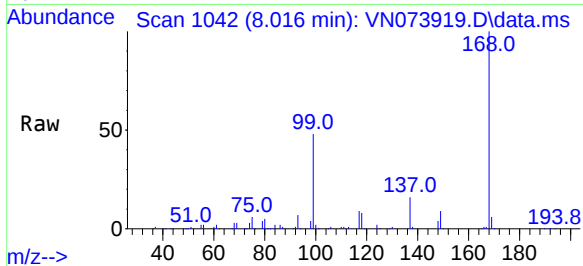




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

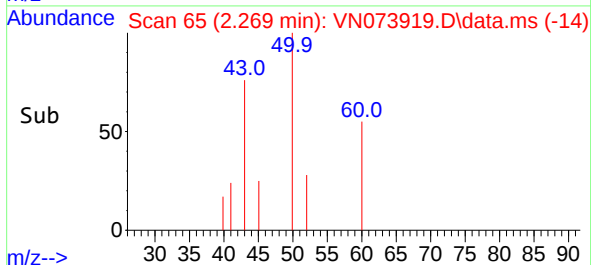
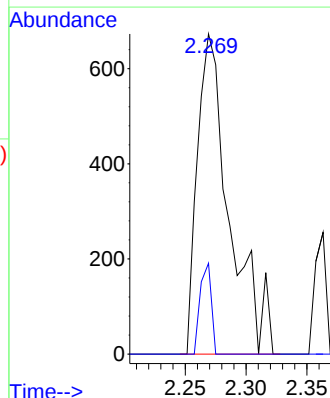
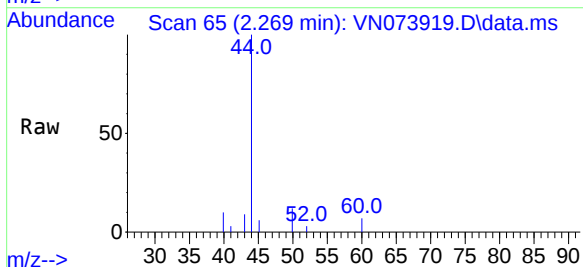
Instrument :
MSVOA_N
ClientSampleId :
S3

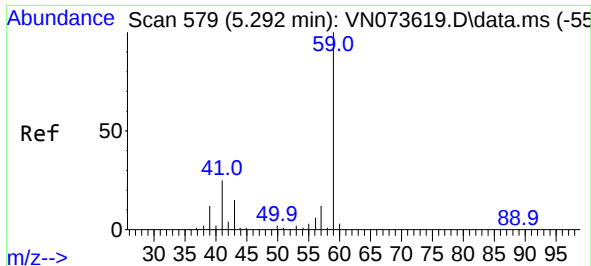
Tgt Ion:168 Resp: 638450
Ion Ratio Lower Upper
168 100
99 47.6 42.3 63.5



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 50 Resp: 1234
Ion Ratio Lower Upper
50 100
52 28.4 25.7 38.5

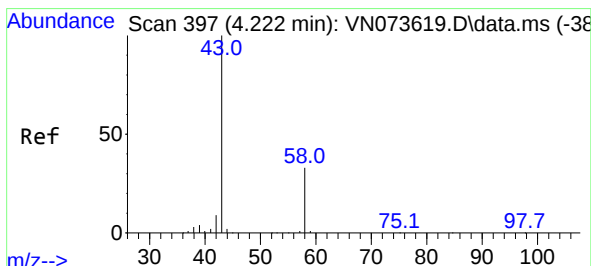
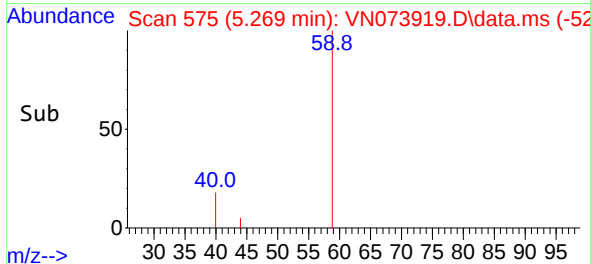
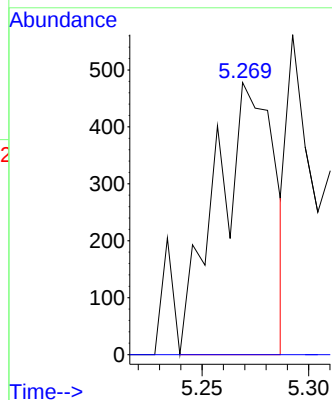
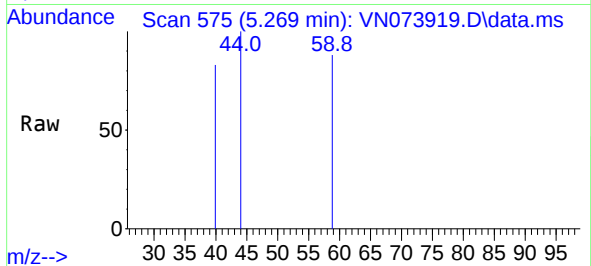




#11
Tert butyl alcohol
Concen: 0.652 ug/l
RT: 5.269 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

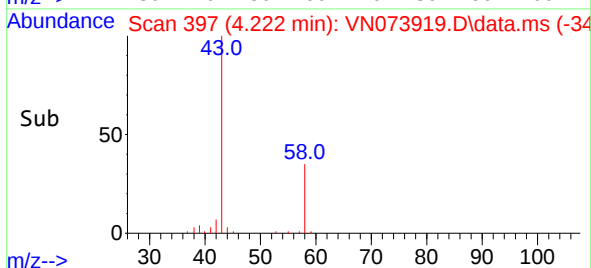
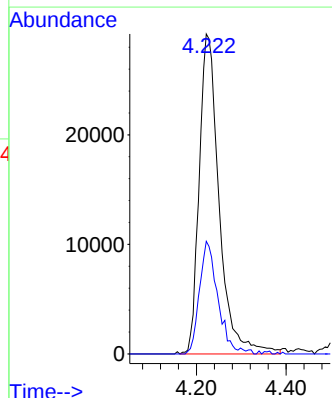
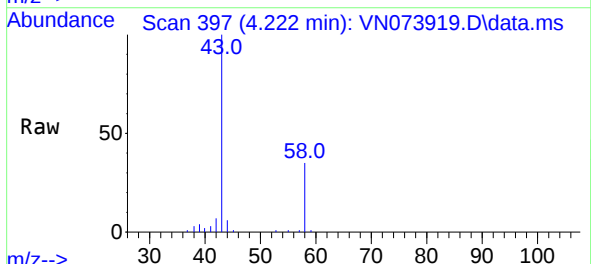
Instrument :
MSVOA_N
ClientSampleId :
S3

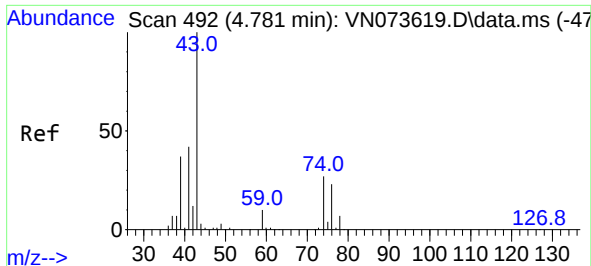
Tgt Ion: 59 Resp: 907
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 30.703 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 43 Resp: 90075
Ion Ratio Lower Upper
43 100
58 35.2 26.0 39.0

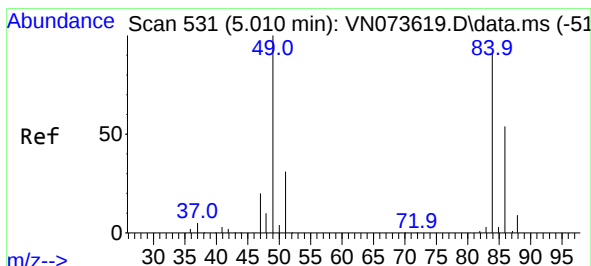
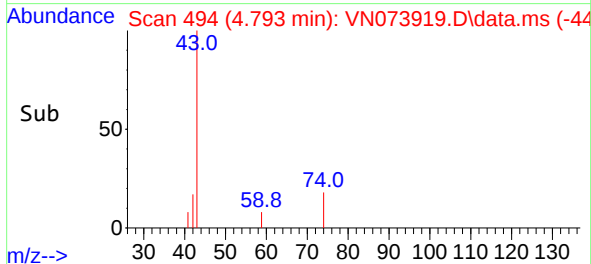
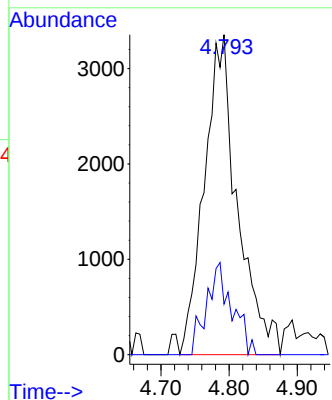
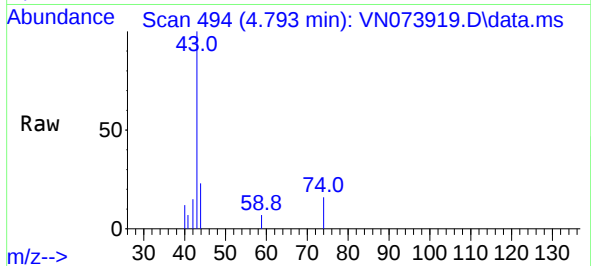




#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

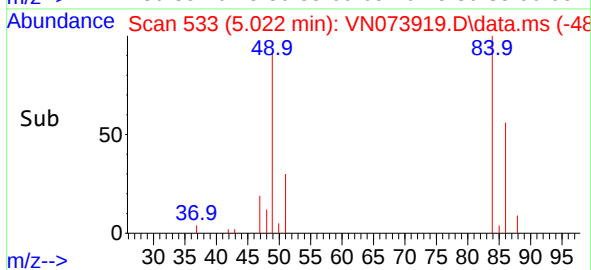
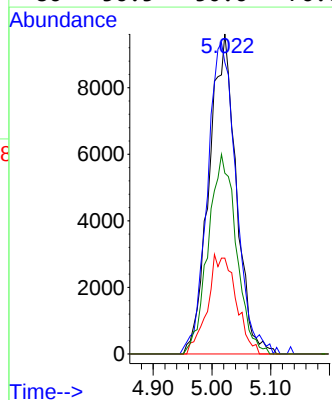
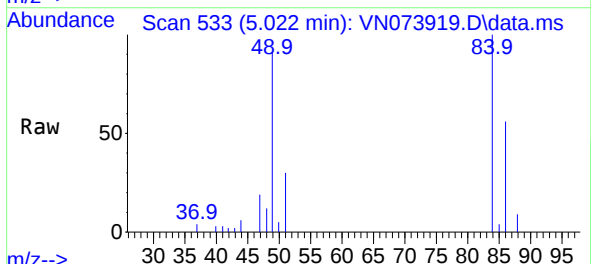
Instrument :
MSVOA_N
ClientSampleId :
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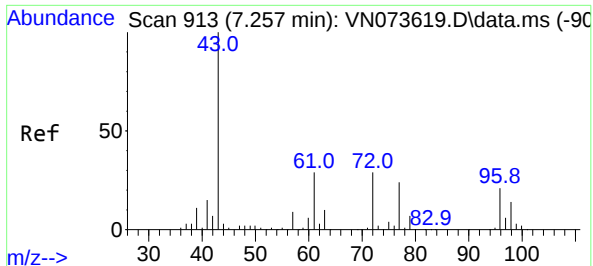
Tgt Ion: 43 Resp: 11342
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4



#20
Methylene Chloride
Concen: 4.976 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 84 Resp: 30805
Ion Ratio Lower Upper
84 100
49 91.1 88.3 132.5
51 30.0 28.2 42.2
86 56.5 50.6 76.0

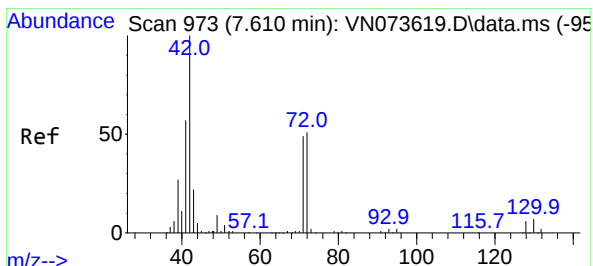
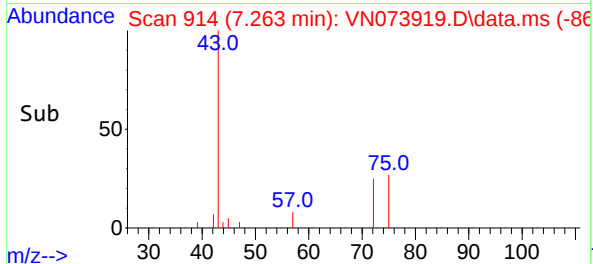
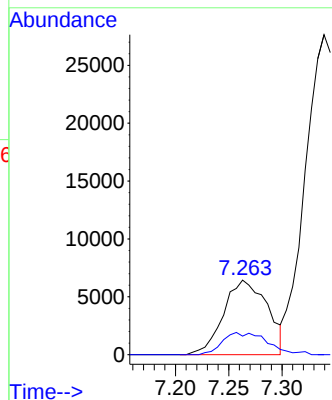
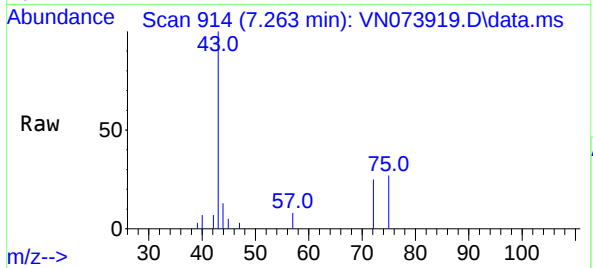




#25
2-Butanone
Concen: 3.971 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

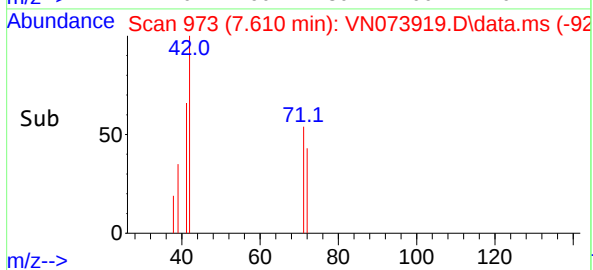
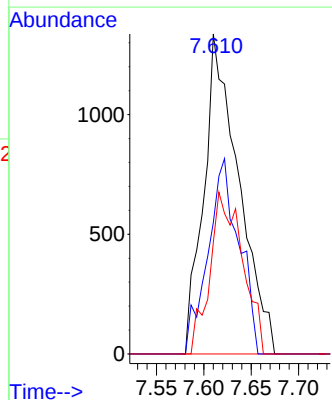
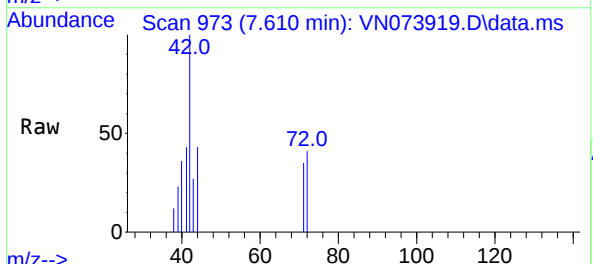
Instrument :
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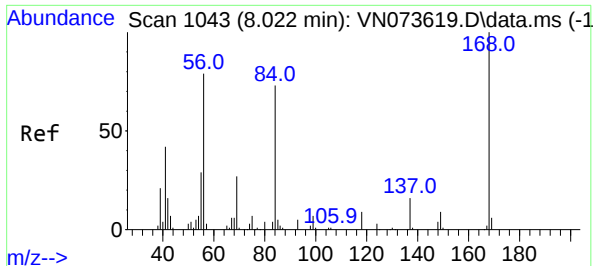
Tgt Ion: 43 Resp: 18472
Ion Ratio Lower Upper
43 100
72 24.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.150 ug/l
RT: 7.610 min Scan# 973
Delta R.T. -0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 42 Resp: 3433
Ion Ratio Lower Upper
42 100
72 54.2 39.7 59.5
71 47.3 36.6 55.0

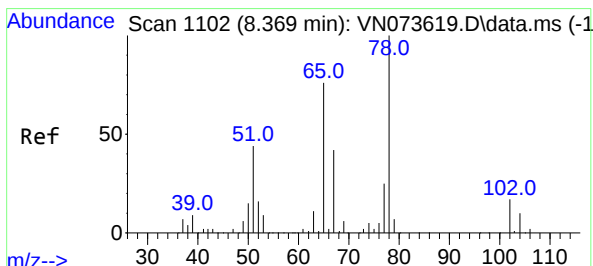
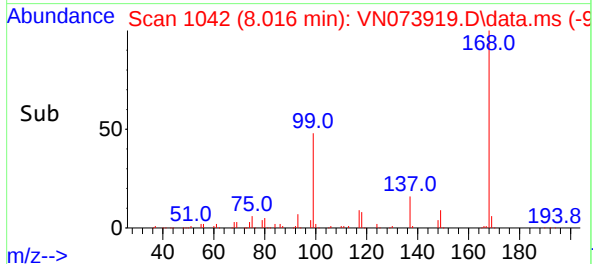
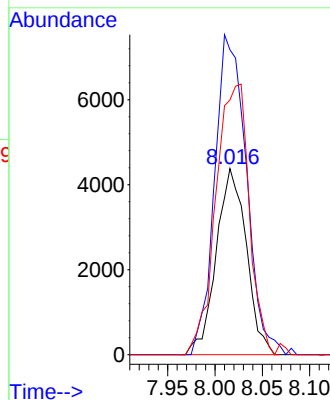
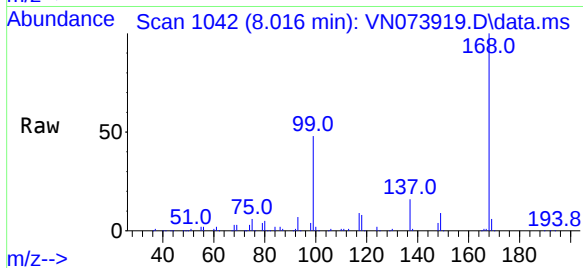




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

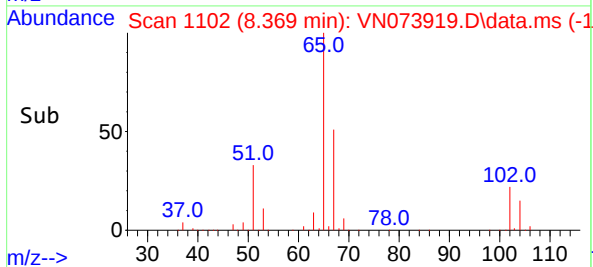
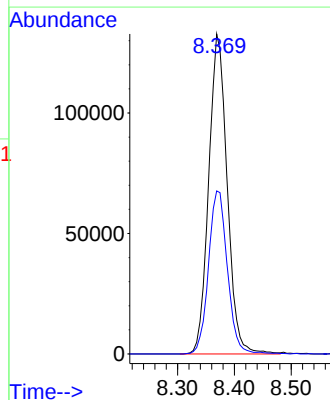
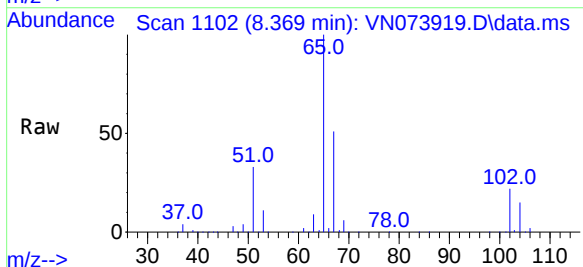
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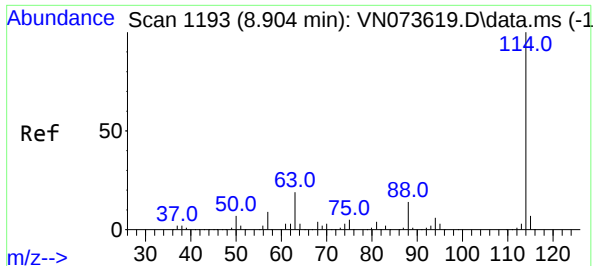
Tgt Ion: 56 Resp: 9706
Ion Ratio Lower Upper
56 100
69 163.9 27.8 41.8#
84 136.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.114 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 65 Resp: 299194
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

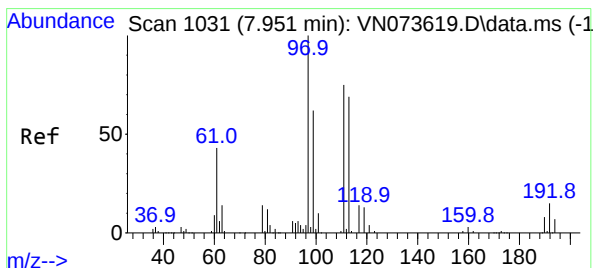
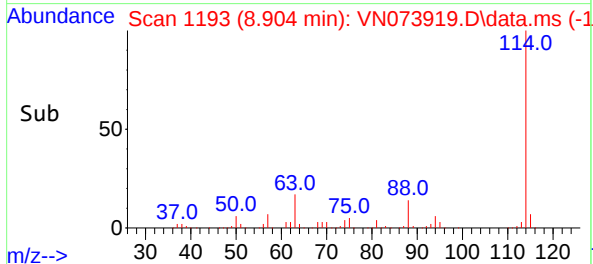
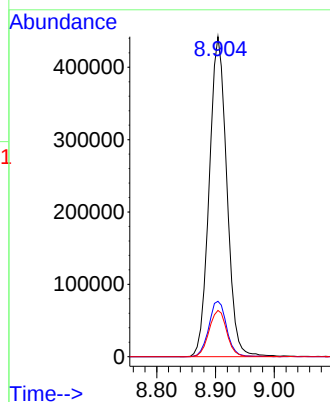
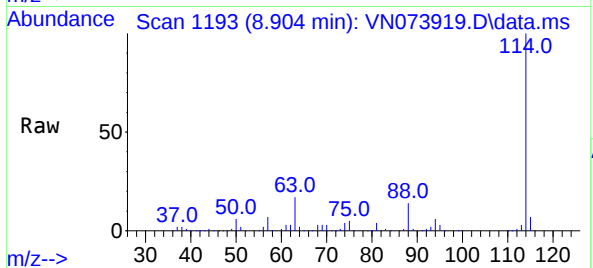




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

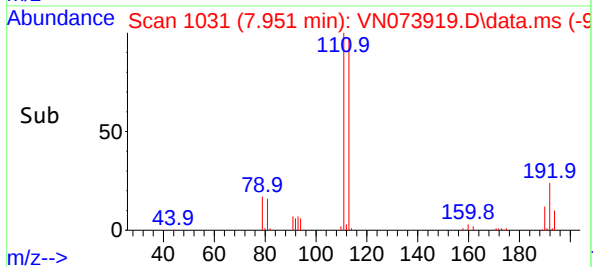
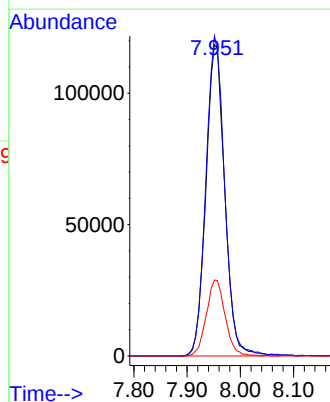
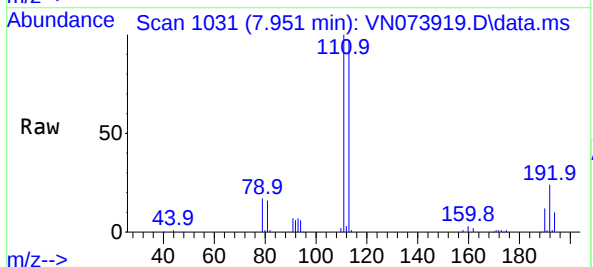
Instrument :
MSVOA_N
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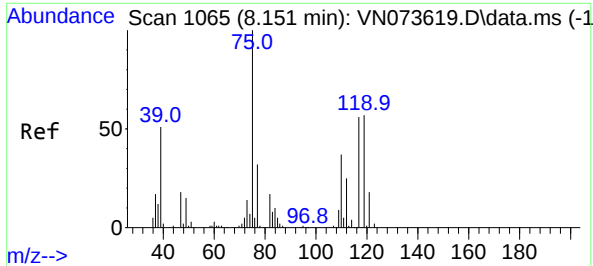
Tgt Ion:114 Resp: 917754
Ion Ratio Lower Upper
114 100
63 17.3 0.0 40.0
88 14.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.725 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion:113 Resp: 291595
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.3 17.0 25.6



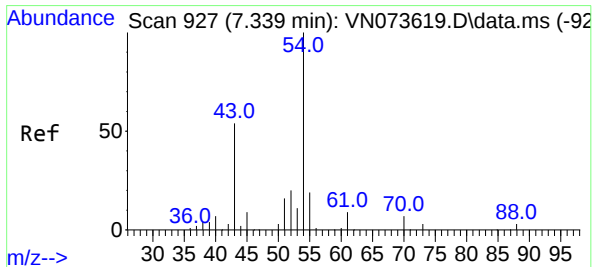
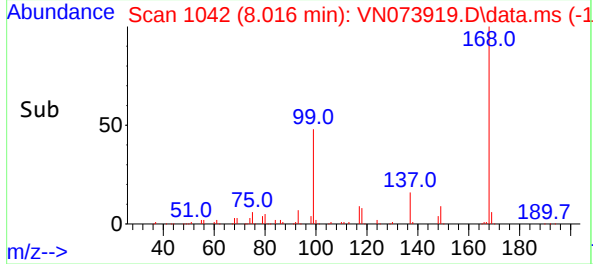
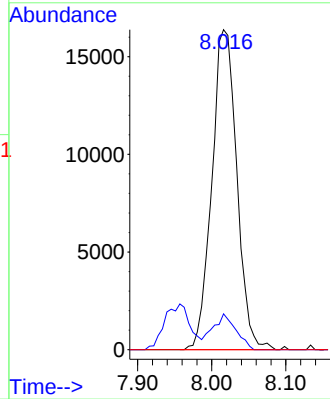
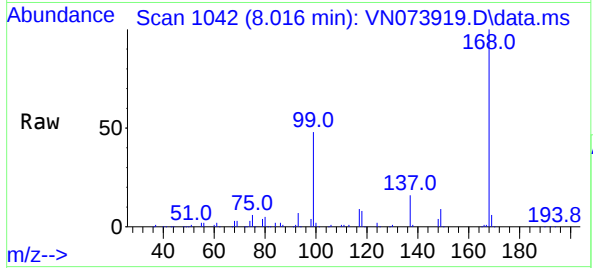


#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Instrument :
MSVOA_N
ClientSampleId :
S3

Tgt Ion: 75 Resp: 38386

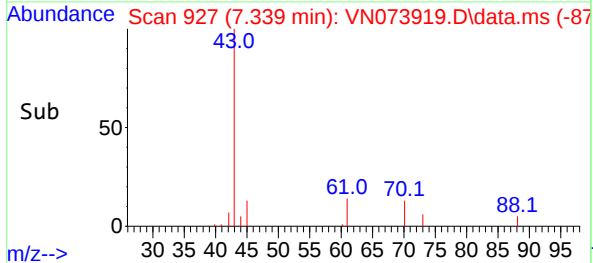
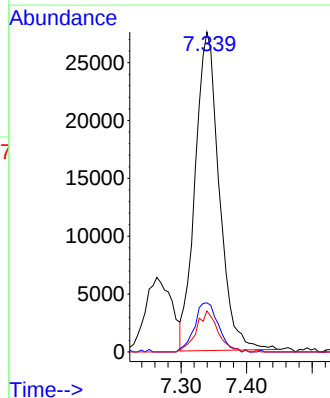
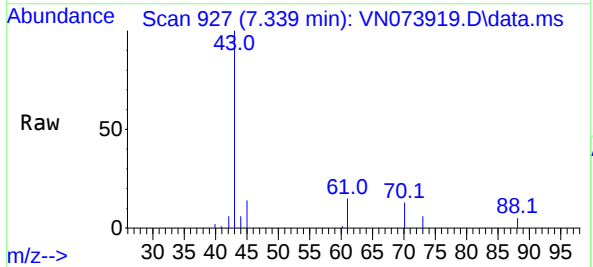
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.3	54.8#
77	0.0	25.1	37.7#

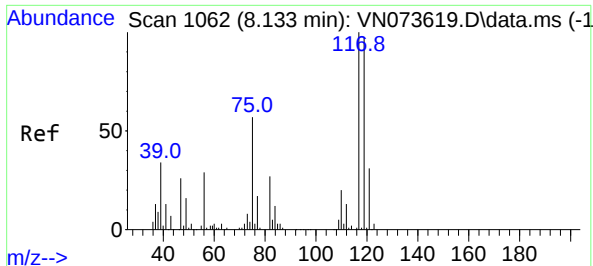


#37
Ethyl Acetate
Concen: 7.705 ug/l
RT: 7.339 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 43 Resp: 70369

Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.6
70	11.7	9.3	13.9

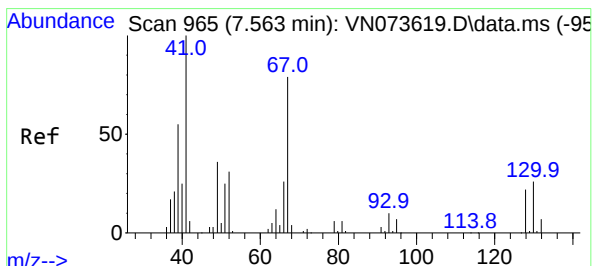
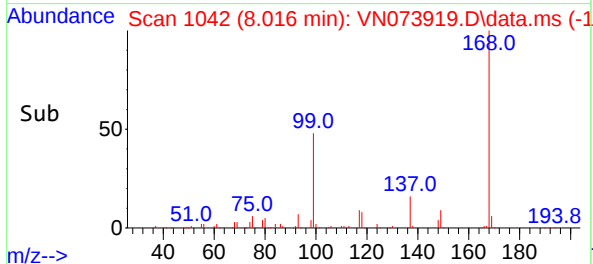
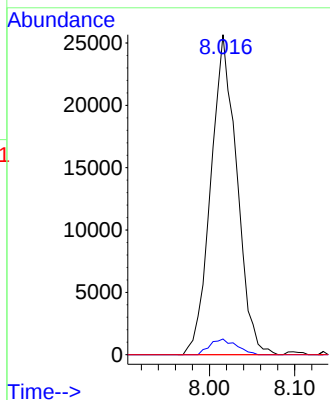
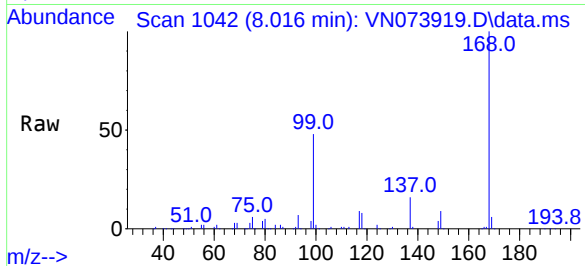




#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

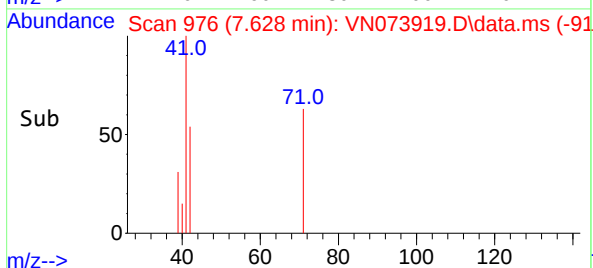
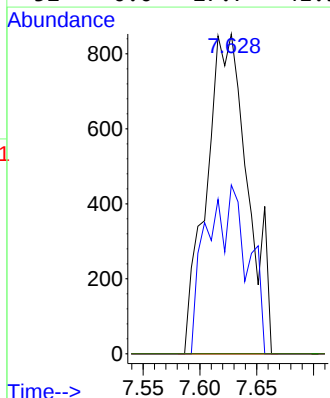
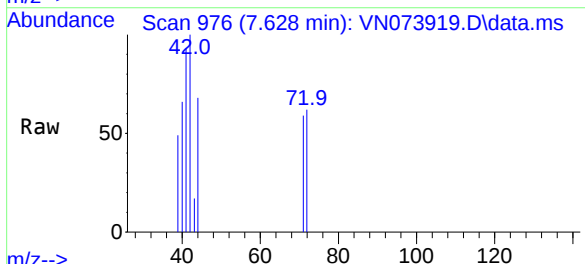
Instrument :
MSVOA_N
ClientSampleId :
S3

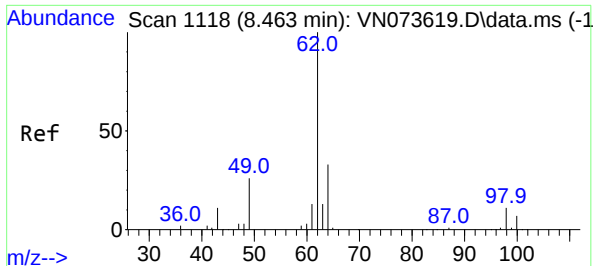
Tgt Ion:117 Resp: 54532
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.524 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.065 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 41 Resp: 2163
Ion Ratio Lower Upper
41 100
39 52.3 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

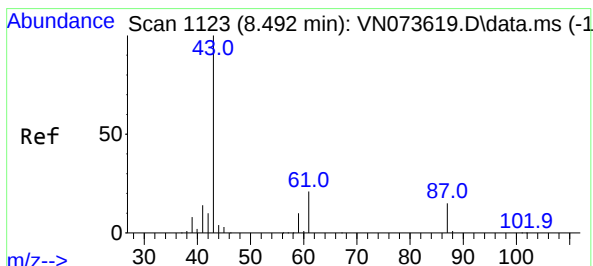
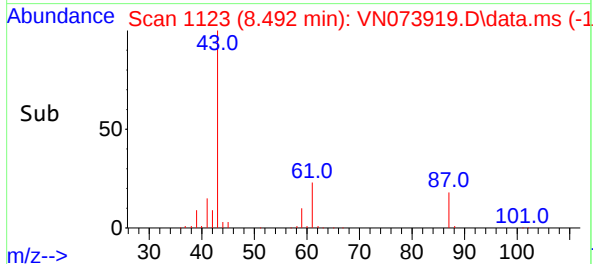
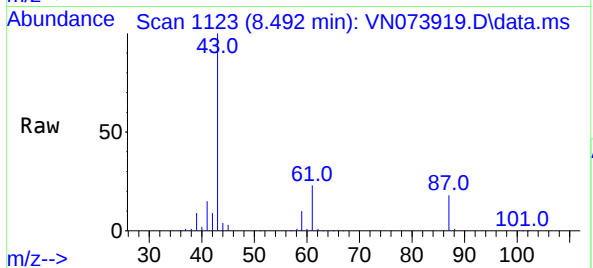




#42
1,2-Dichloroethane
Concen: 0.272 ug/l
RT: 8.492 min Scan# 1118
Delta R.T. 0.029 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

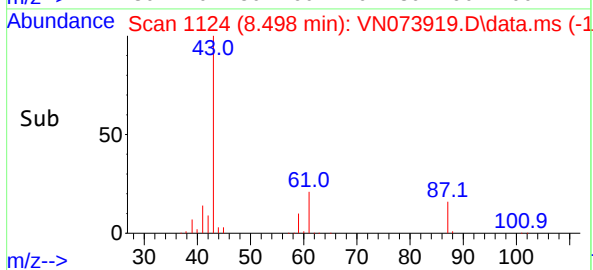
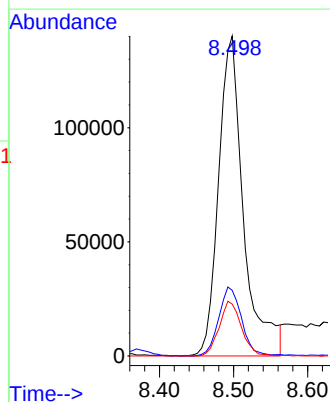
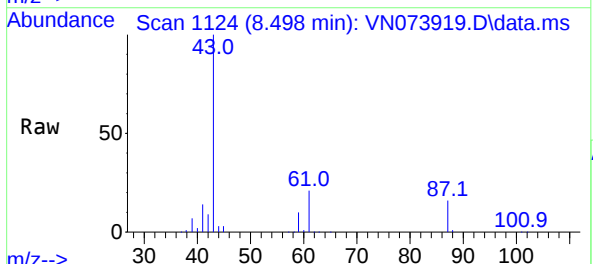
Instrument :
MSVOA_N
ClientSampleId :
S3

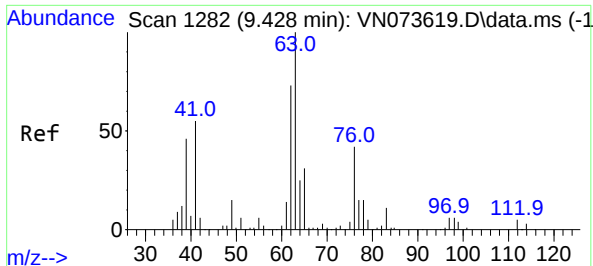
Tgt Ion: 62 Resp: 2225
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 25.226 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 43 Resp: 328208
Ion Ratio Lower Upper
43 100
61 19.9 21.9 32.9#
87 15.2 12.0 18.0





#45

1,2-Dichloropropane

Concen: 0.704 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.135 min

Lab File: VN073919.D

Acq: 16 Aug 2022 01:42

Instrument :

MSVOA_N

ClientSampleId :

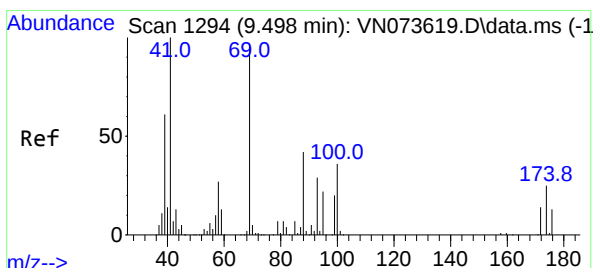
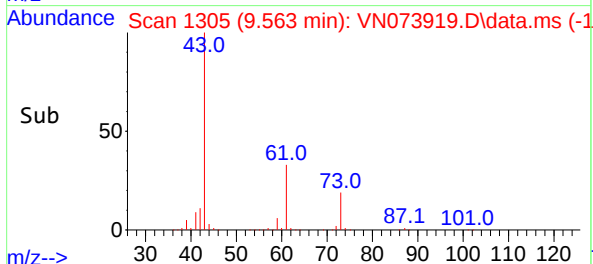
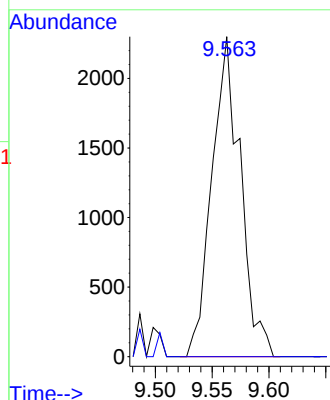
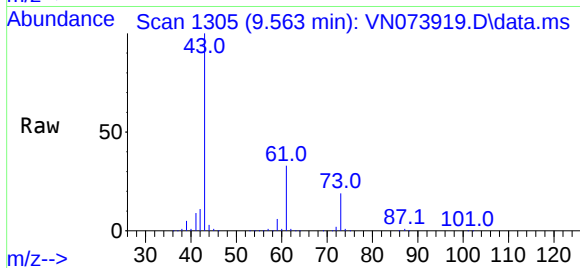
S3

Tgt Ion: 63 Resp: 4017

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.788 ug/l

RT: 9.486 min Scan# 1292

Delta R.T. -0.012 min

Lab File: VN073919.D

Acq: 16 Aug 2022 01:42

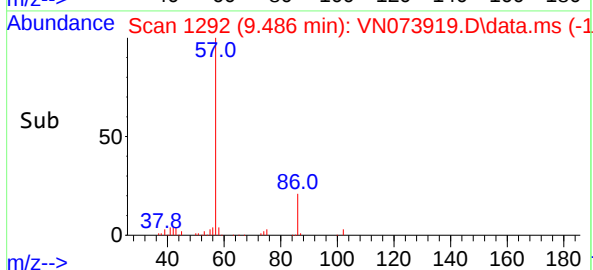
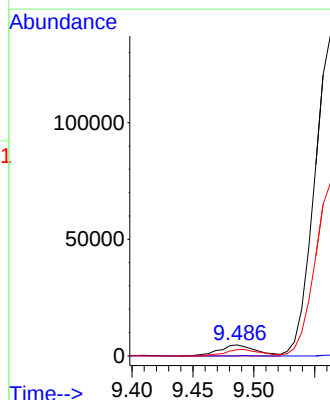
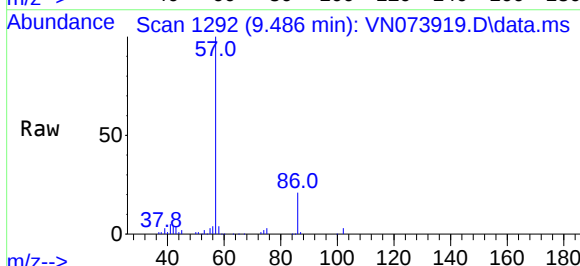
Tgt Ion: 41 Resp: 9952

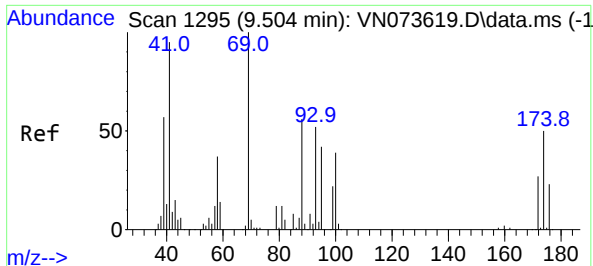
Ion Ratio Lower Upper

41 100

69 0.7 74.7 112.1#

39 56.1 45.6 68.4

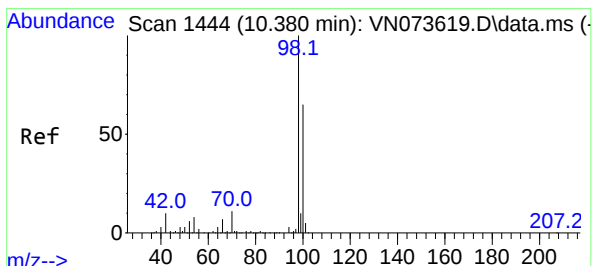
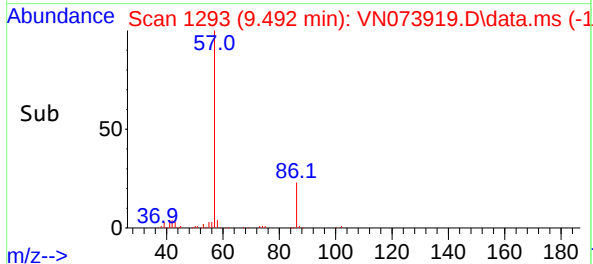
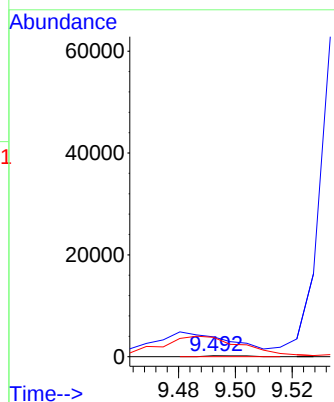
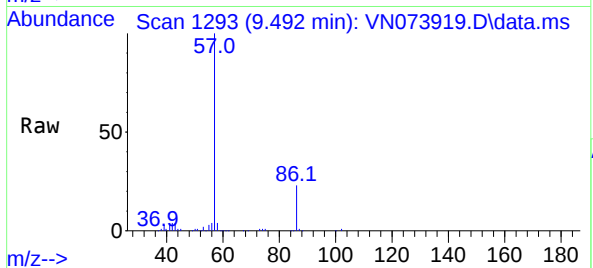




#49
1,4-Dioxane
Concen: 1.099 ug/l
RT: 9.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

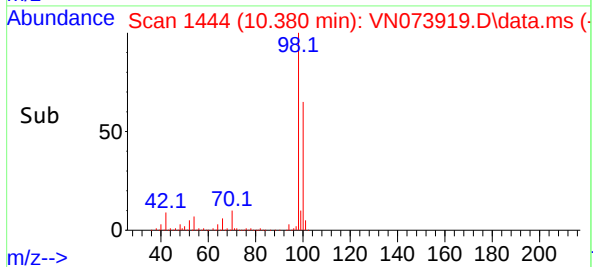
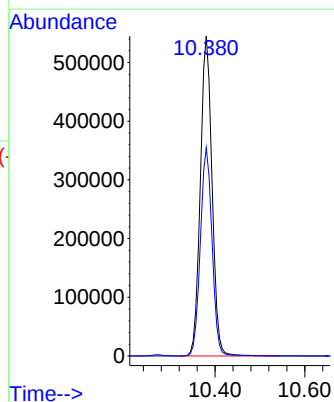
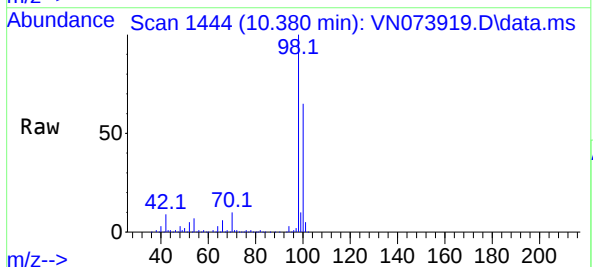
Instrument :
MSVOA_N
ClientSampleId :
S3

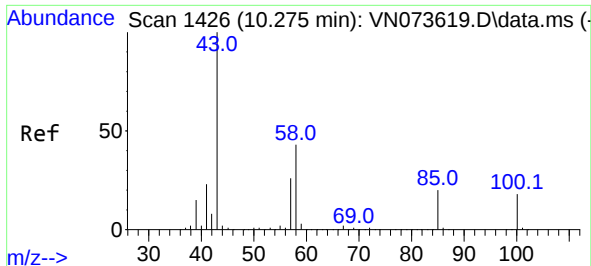
Tgt Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 4557.1 54.2 81.4#



#50
Toluene-d8
Concen: 46.789 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 98 Resp: 983513
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

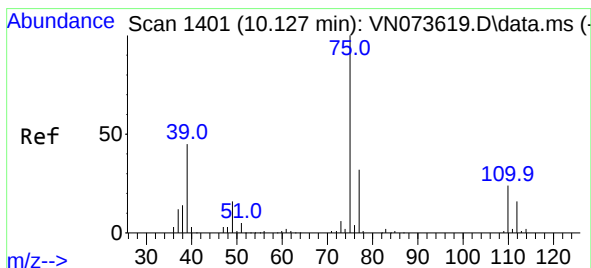
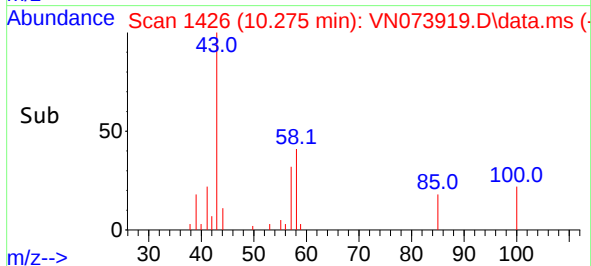
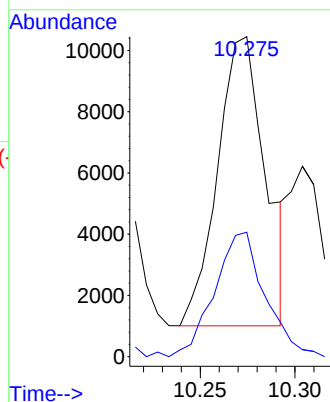
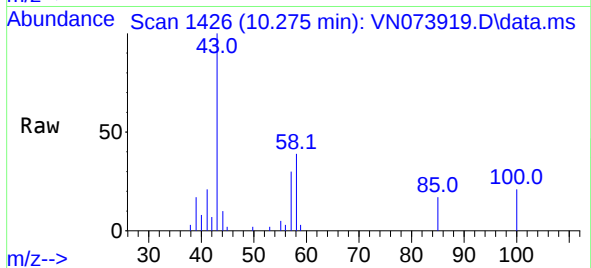




#51
4-Methyl-2-Pentanone
Concen: 1.885 ug/l
RT: 10.275 min Scan# 1410
Delta R.T. -0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

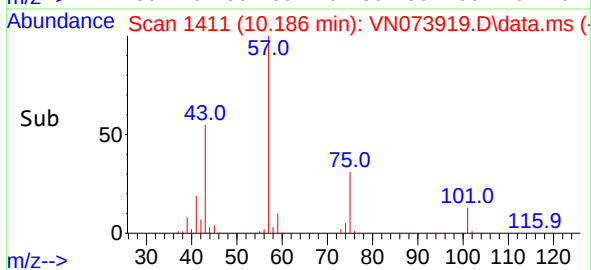
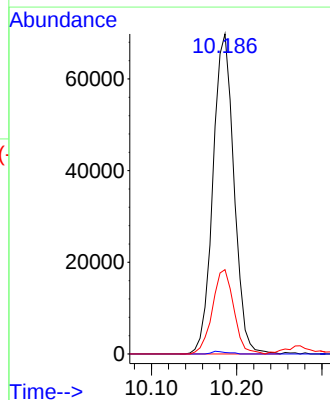
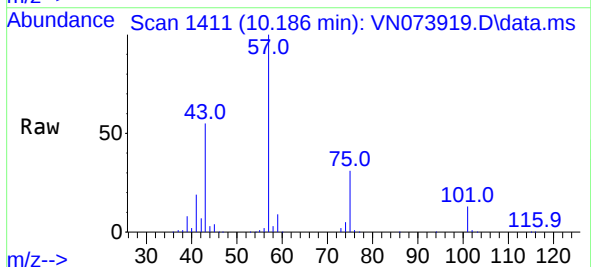
Instrument :
MSVOA_N
ClientSampleId :
S3

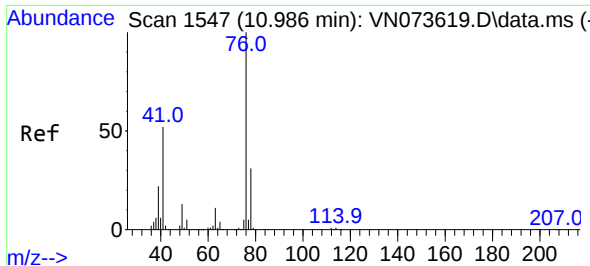
Tgt Ion: 43 Resp: 16585
Ion Ratio Lower Upper
43 100
58 45.3 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 12.559 ug/l
RT: 10.186 min Scan# 1411
Delta R.T. 0.059 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 75 Resp: 119497
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 26.4 35.7 53.5#





#57

1,3-Dichloropropane

Concen: 1.439 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.041 min

Lab File: VN073919.D

Acq: 16 Aug 2022 01:42

Instrument :

MSVOA_N

ClientSampleId :

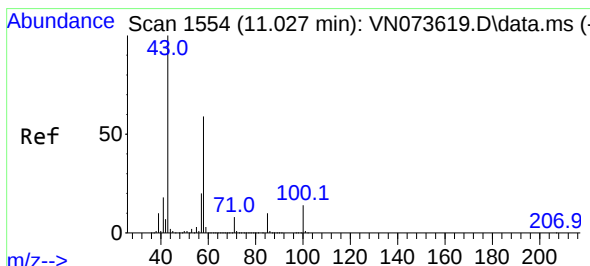
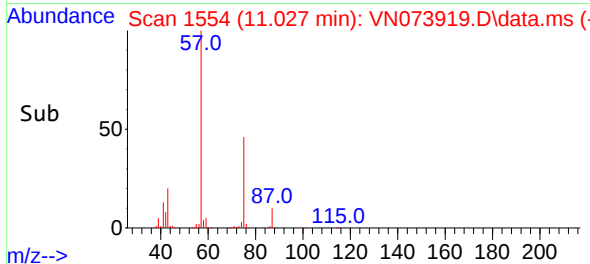
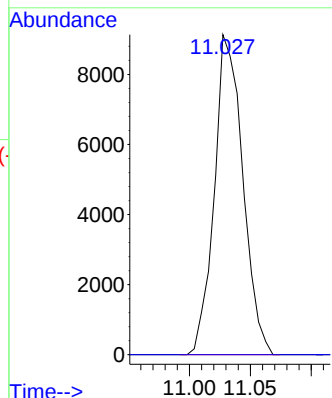
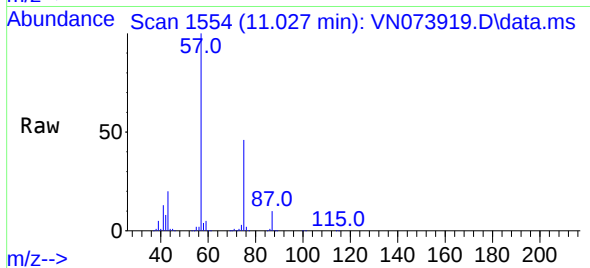
S3

Tgt Ion: 76 Resp: 14849

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 24.604 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN073919.D

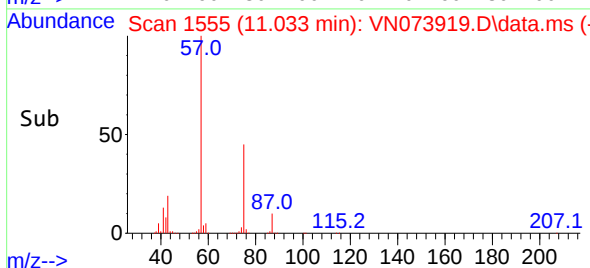
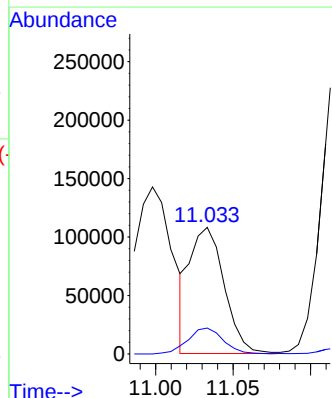
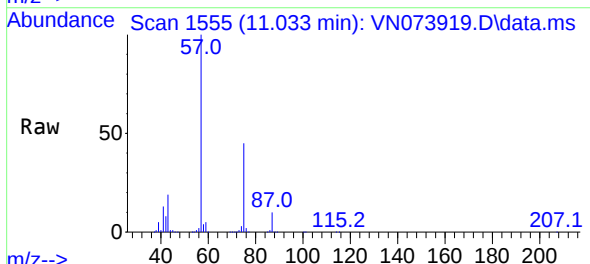
Acq: 16 Aug 2022 01:42

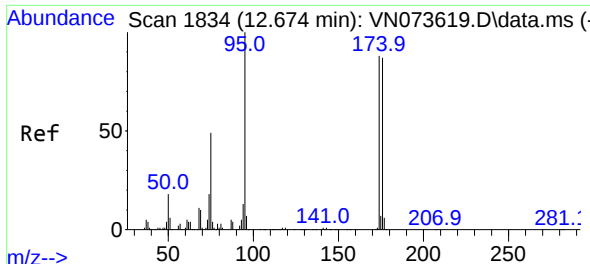
Tgt Ion: 43 Resp: 166569

Ion Ratio Lower Upper

43 100

58 21.3 29.7 89.1#

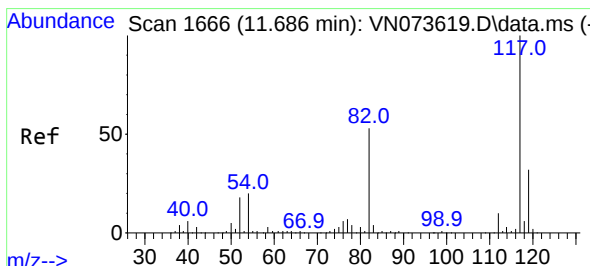
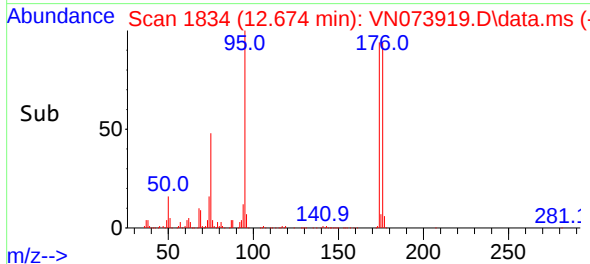
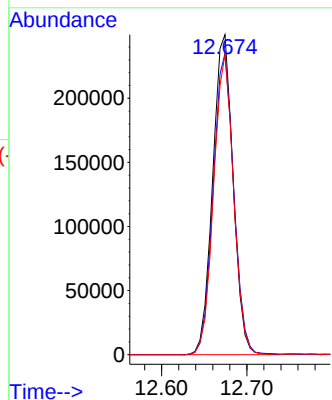
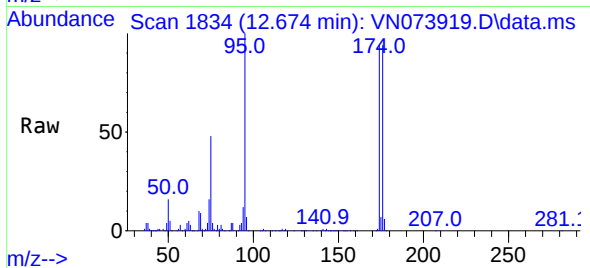




#62
4-Bromofluorobenzene
Concen: 59.518 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

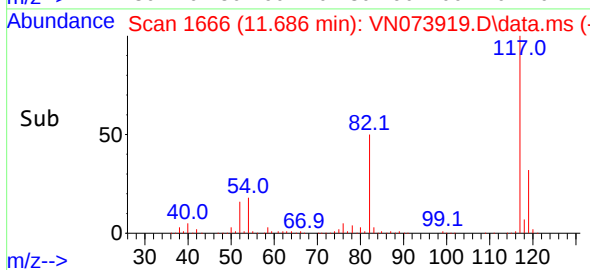
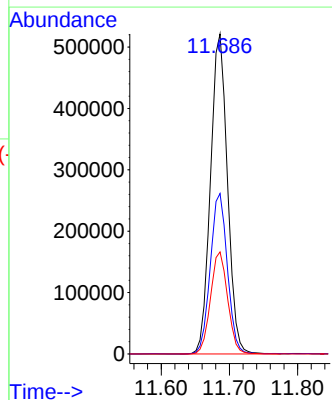
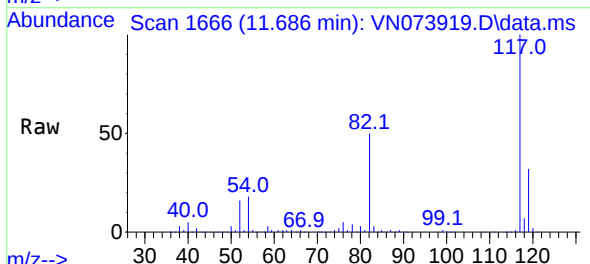
Instrument :
MSVOA_N
ClientSampleId :
S3

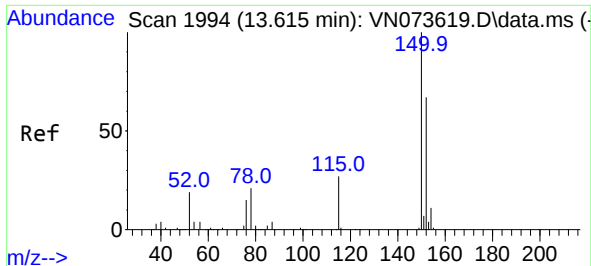
Tgt Ion: 95 Resp: 415215
Ion Ratio Lower Upper
95 100
174 94.8 0.0 167.6
176 91.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073919.D
Acq: 16 Aug 2022 01:42

Tgt Ion: 117 Resp: 903035
Ion Ratio Lower Upper
117 100
82 50.2 44.2 66.2
119 31.9 25.4 38.0

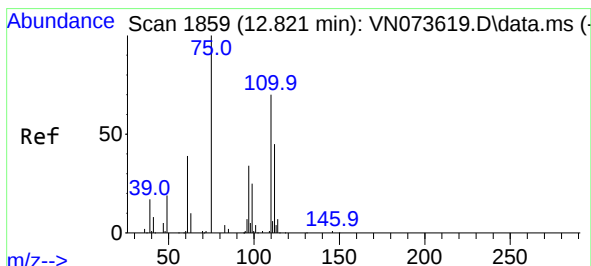
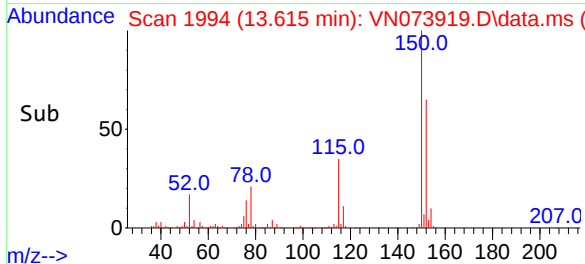
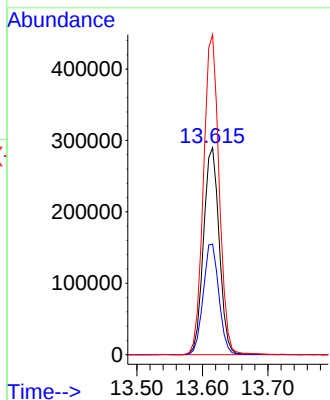
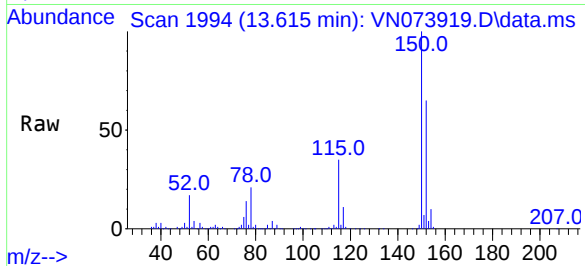




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073919.D
 Acq: 16 Aug 2022 01:42

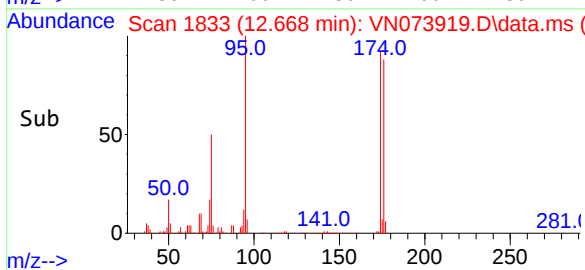
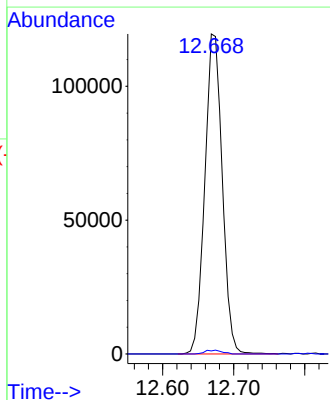
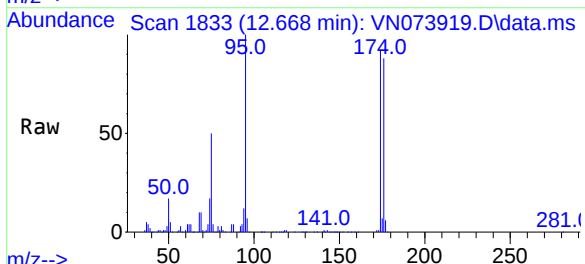
Instrument :
 MSVOA_N
 ClientSampleId :
 S3

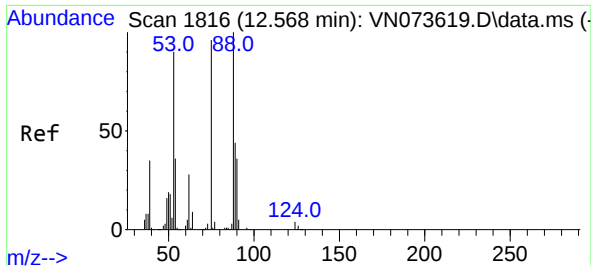
Tgt Ion:152 Resp: 484019
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.9 86.7
 150 154.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.275 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.153 min
 Lab File: VN073919.D
 Acq: 16 Aug 2022 01:42

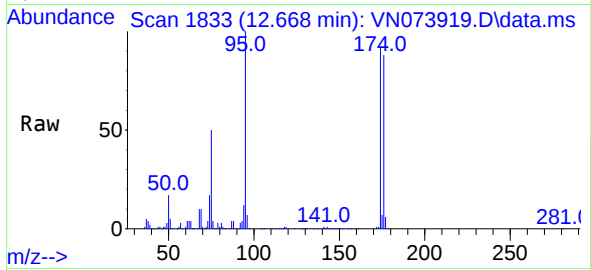
Tgt Ion: 75 Resp: 203972
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.666 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VN073919.D
 Acq: 16 Aug 2022 01:42

Instrument :
 MSVOA_N
 ClientSampleId :
 S3



Tgt Ion: 75 Resp: 203972
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

