

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071486.D
 Acq On : 23 Mar 2022 00:36
 Operator : JC\MD
 Sample : N1962-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-21-21-23

Quant Time: Mar 23 07:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	671319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1149693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1109688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	449707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	448567	48.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.500%
35) Dibromofluoromethane	8.016	113	337234	46.483	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.960%
50) Toluene-d8	10.439	98	1449272	49.614	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.727	95	568432	57.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.940%

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	5877	0.561	ug/l	92
5) Bromomethane	2.852	94	964	Below Cal	#	70
6) Chloroethane	3.028	64	1626	0.298	ug/l #	70
8) Diethyl Ether	3.816	74	11906	2.344	ug/l	90
10) Methyl Iodide	4.440	142	2462	0.254	ug/l #	83
11) Tert butyl alcohol	5.310	59	2127	1.177	ug/l #	71
13) Acrolein	4.057	56	1451	0.758	ug/l #	67
15) Acrylonitrile	5.557	53	2287	0.426	ug/l #	78
16) Acetone	4.287	43	197396	44.094	ug/l	98
17) Carbon Disulfide	4.528	76	7908	0.413	ug/l #	95
18) Methyl Acetate	4.863	43	18034	1.956	ug/l	94
20) Methylene Chloride	5.098	84	17322	2.483	ug/l #	84
25) 2-Butanone	7.334	43	29543	4.097	ug/l	92
29) Tetrahydrofuran	7.704	42	2331	0.467	ug/l #	84
31) Cyclohexane	8.086	56	38179	2.599	ug/l #	57
36) 1,1-Dichloropropene	8.081	75	54003	4.646	ug/l #	49
37) Ethyl Acetate	7.334	43	29543	1.847	ug/l #	75
38) Carbon Tetrachloride	8.081	117	67567	6.009	ug/l #	16
39) Methylcyclohexane	9.457	83	55649	4.070	ug/l	98
43) Isopropyl Acetate	8.557	43	90802	3.796	ug/l #	85
48) Methyl methacrylate	9.539	41	22670	2.045	ug/l #	8
49) 1,4-Dioxane	9.575	88	381	1.977	ug/l #	27
51) 4-Methyl-2-Pentanone	10.327	43	18604	1.253	ug/l	100
52) Toluene	10.498	92	5557	0.258	ug/l	99
54) cis-1,3-Dichloropropene	10.239	75	103504	7.349	ug/l #	62
55) 1,1,2-Trichloroethane	10.874	97	7410	0.857	ug/l #	18
56) Ethyl methacrylate	10.775	69	5750	0.407	ug/l #	35
57) 1,3-Dichloropropane	11.086	76	62676	4.041	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.969	63	125	27.903	ug/l #	45
59) 2-Hexanone	11.086	43	1003525	99.064	ug/l #	49
67) Ethyl Benzene	11.845	91	10129	0.240	ug/l	100
68) m/p-Xylenes	11.945	106	46669	3.028	ug/l	96
69) o-Xylene	12.274	106	180345	11.672	ug/l	96
70) Styrene	12.280	104	11940	0.499	ug/l #	1
73) Isopropylbenzene	12.574	105	18558	0.428	ug/l	98
74) N-amyl acetate	12.386	43	6638	0.407	ug/l #	90

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 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

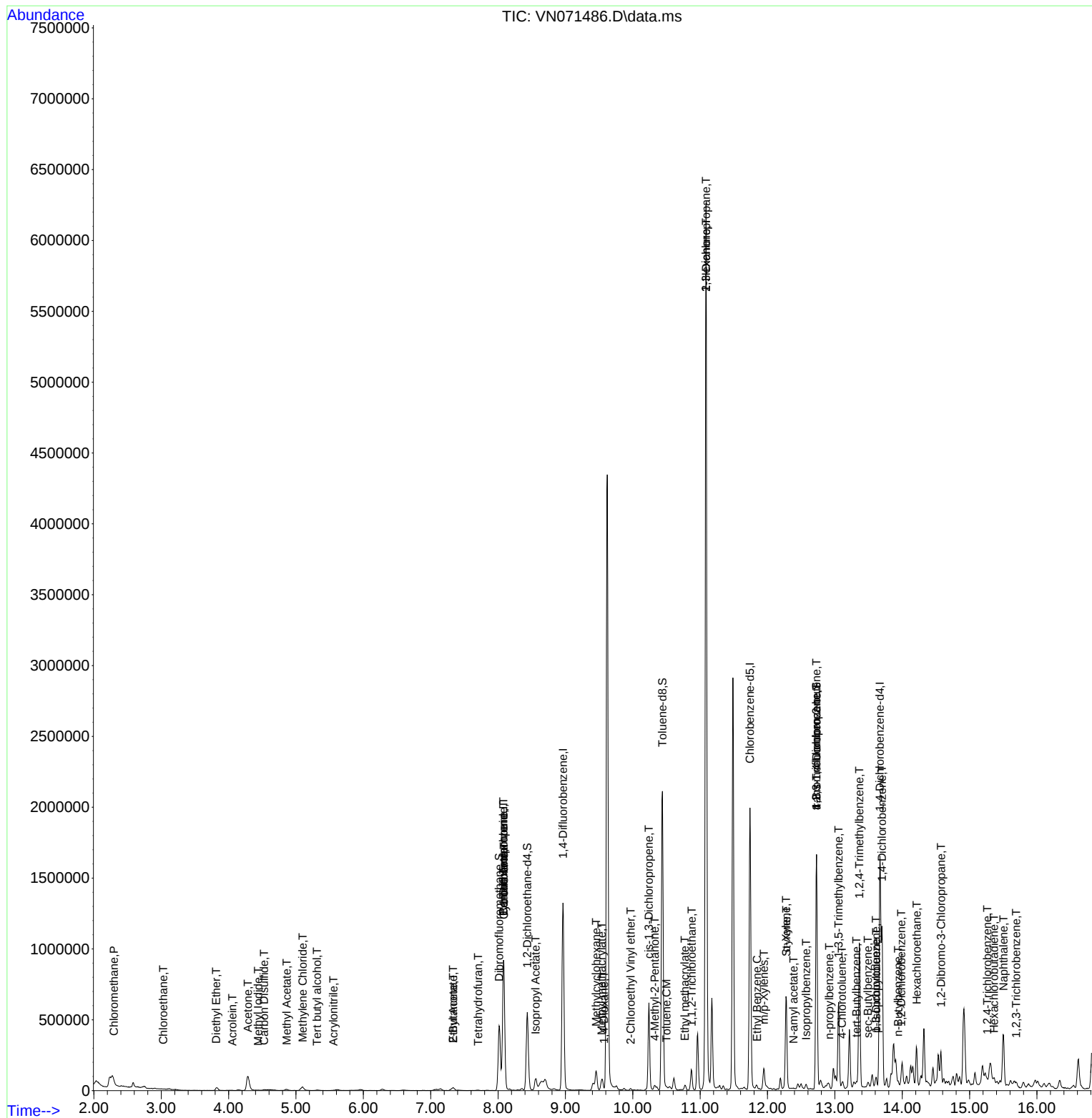
75) 1,1,2,2-Tetrachloroethane	12.821	83	1821	Below Cal	#	96
76) 1,2,3-Trichloropropane	12.727	75	292957	25.495	ug/l #	1
78) n-propylbenzene	12.916	91	23780	0.511	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	321470	9.531	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	292957	70.420	ug/l #	5
82) 4-Chlorotoluene	13.104	91	5460	0.205	ug/l	94
83) tert-Butylbenzene	13.321	119	10816	0.359	ug/l	87
84) 1,2,4-Trimethylbenzene	13.363	105	548431	16.976	ug/l	100
85) sec-Butylbenzene	13.492	105	19544	0.489	ug/l	80
86) p-Isopropyltoluene	13.616	119	26064	0.828	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	4241	0.258	ug/l #	34
88) 1,4-Dichlorobenzene	13.698	146	5533	0.345	ug/l #	26
89) n-Butylbenzene	13.939	91	11973	0.487	ug/l #	58
90) Hexachloroethane	14.215	117	13718	2.193	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	11732	0.743	ug/l #	85
92) 1,2-Dibromo-3-Chloropr...	14.574	75	533	0.211	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.262	180	7016	3.884	ug/l #	26
94) Hexachlorobutadiene	15.362	225	1173	0.265	ug/l	86
95) Naphthalene	15.504	128	335819	19.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	8728	3.901	ug/l #	67

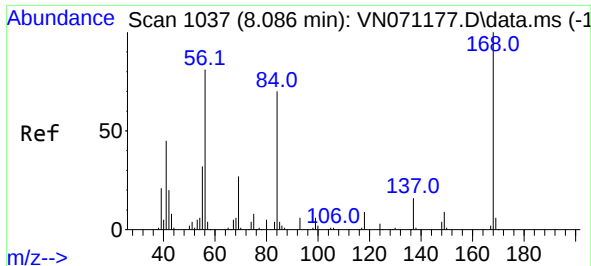
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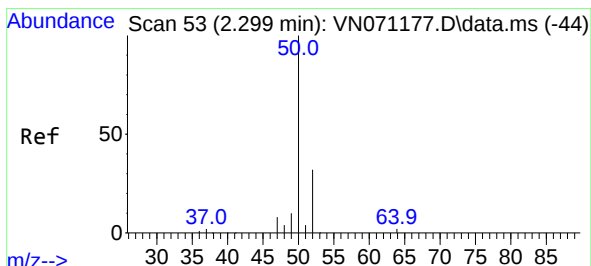
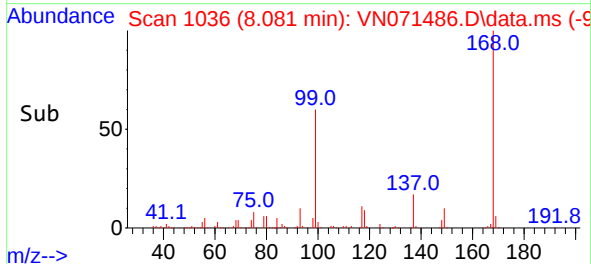
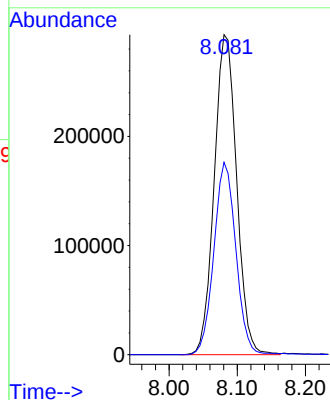
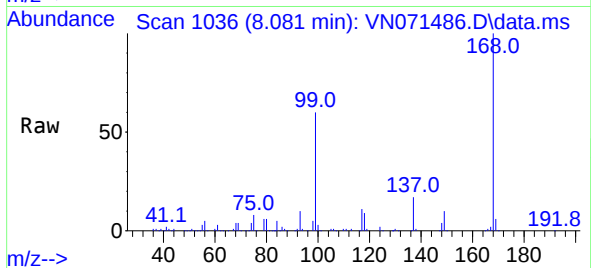




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071486.D
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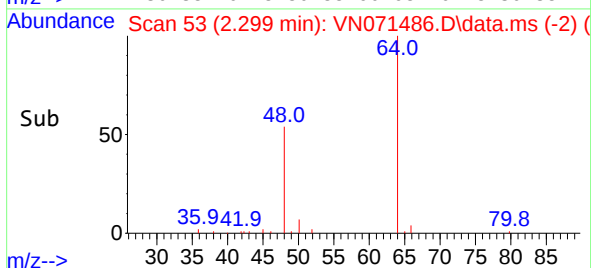
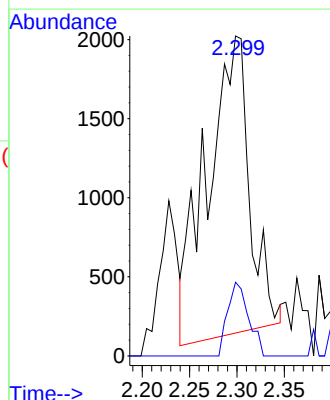
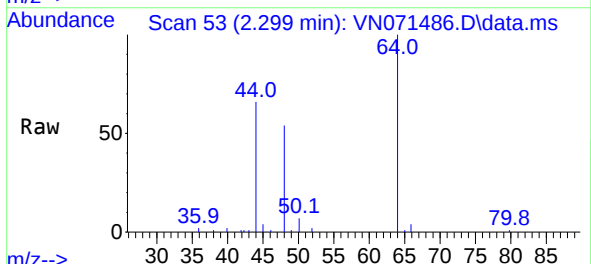
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MSVOA_N
ClientSampleId :
C-21-21-23

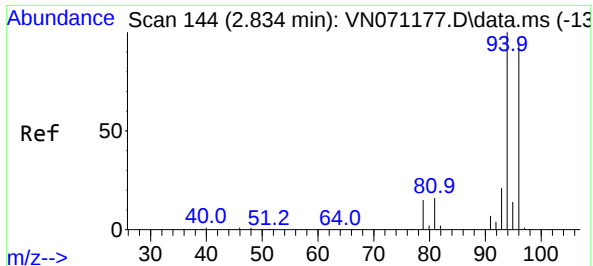
Tgt Ion:168 Resp: 671319
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#3
Chloromethane
Concen: 0.561 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 50 Resp: 5877
Ion Ratio Lower Upper
50 100
52 27.4 25.4 38.0

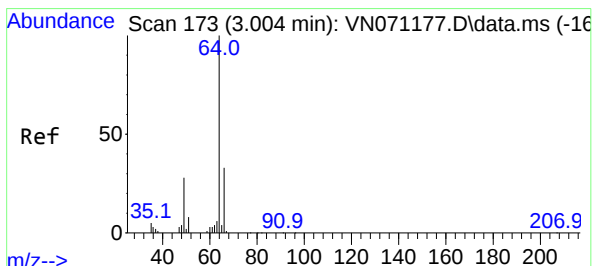
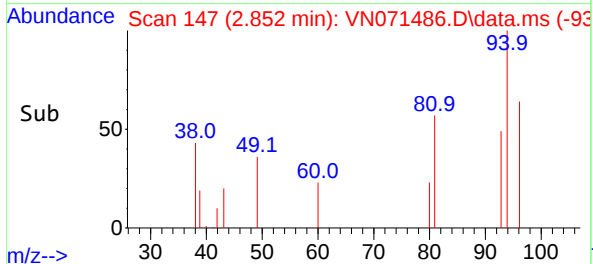
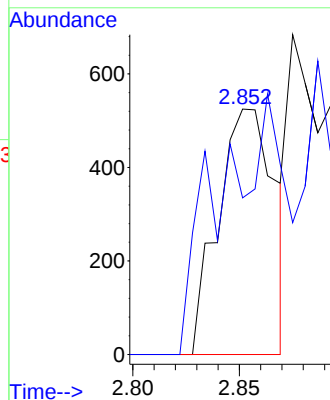
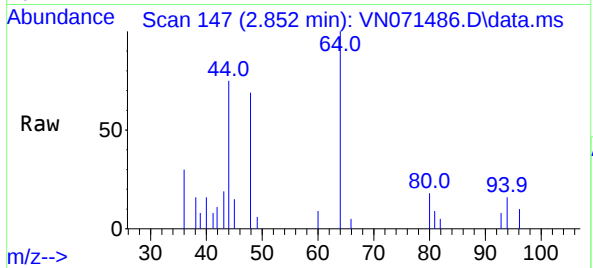




#5
Bromomethane
Concen: Below Cal
RT: 2.852 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

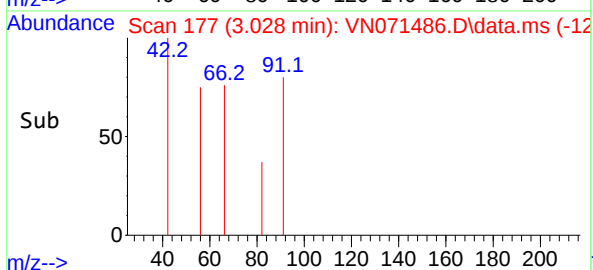
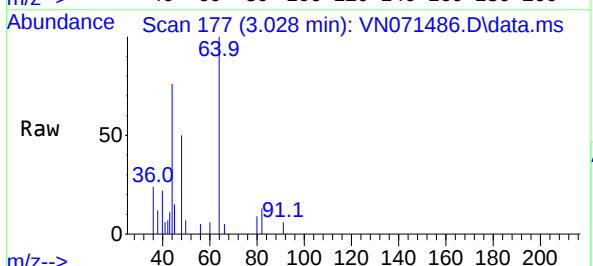
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C-21-21-23

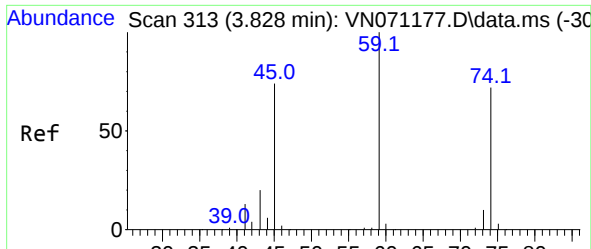
Tgt Ion: 94 Resp: 964
Ion Ratio Lower Upper
94 100
96 63.8 73.8 110.8#



#6
Chloroethane
Concen: 0.298 ug/l
RT: 3.028 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 64 Resp: 1626
Ion Ratio Lower Upper
64 100
66 16.1 26.3 39.5#





#8

Diethyl Ether

Concen: 2.344 ug/l

RT: 3.816 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

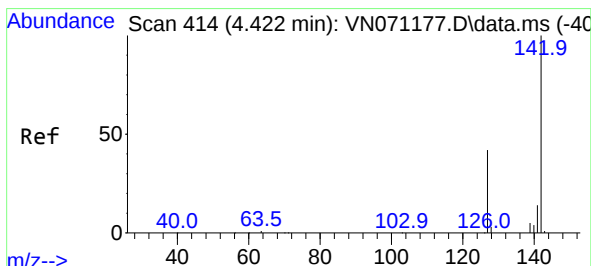
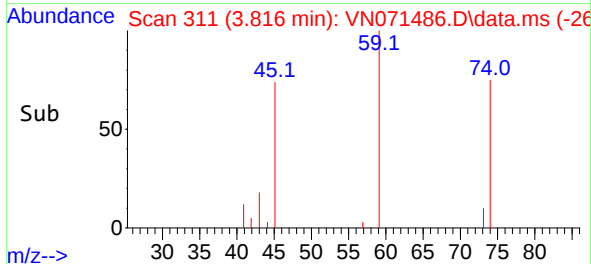
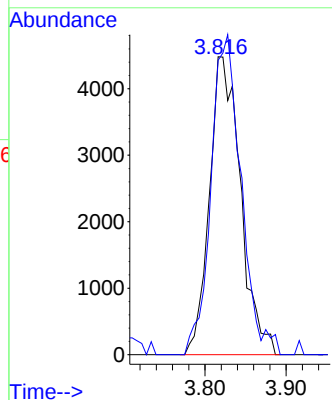
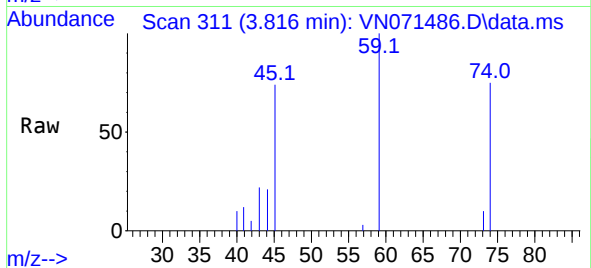
C-21-21-23

Tgt Ion: 74 Resp: 11906

Ion Ratio Lower Upper

74 100

45 103.9 47.0 141.2



#10

Methyl Iodide

Concen: 0.254 ug/l

RT: 4.440 min Scan# 417

Delta R.T. 0.018 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

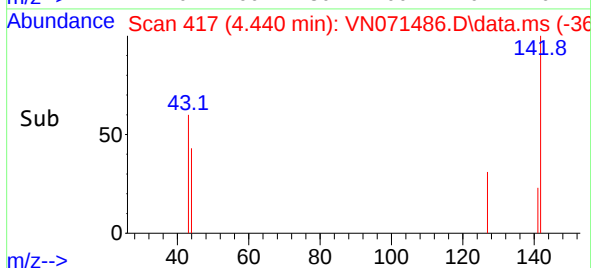
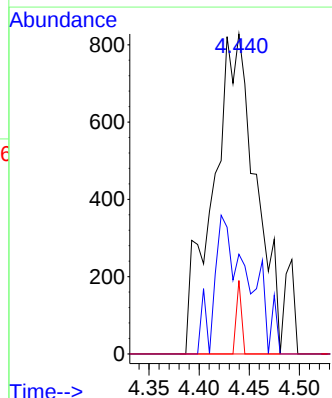
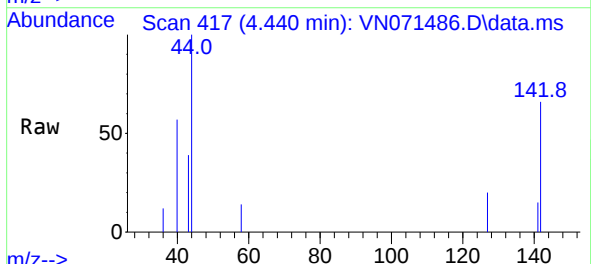
Tgt Ion:142 Resp: 2462

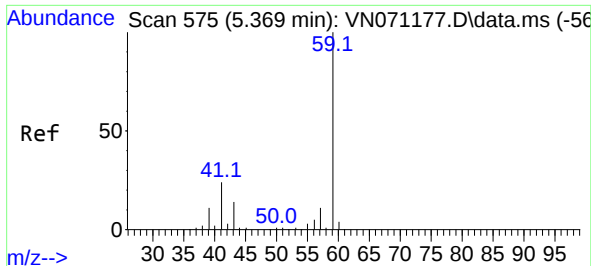
Ion Ratio Lower Upper

142 100

127 35.3 35.4 53.0#

141 2.7 11.6 17.4#

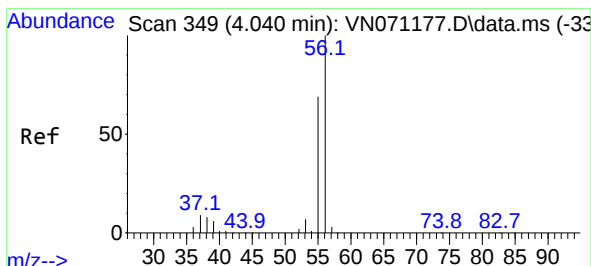
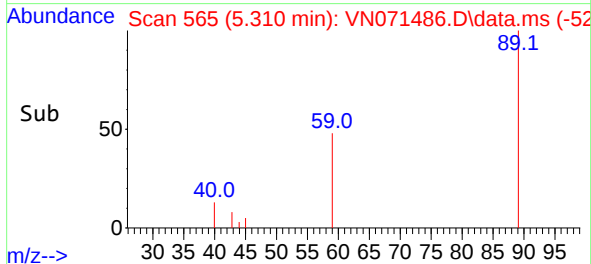
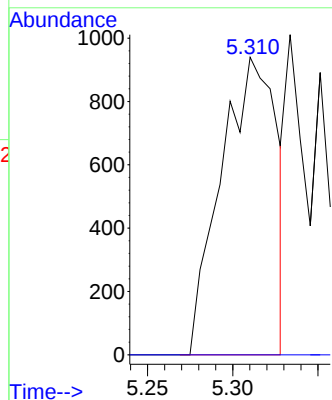
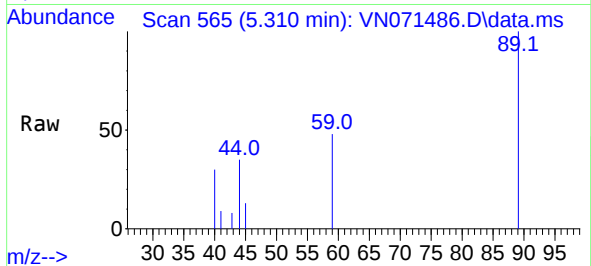




#11
Tert butyl alcohol
Concen: 1.177 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.059 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

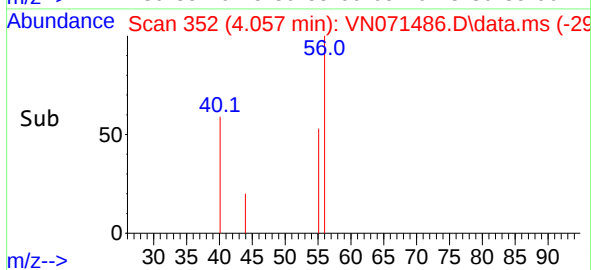
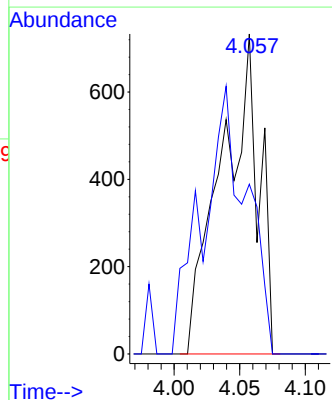
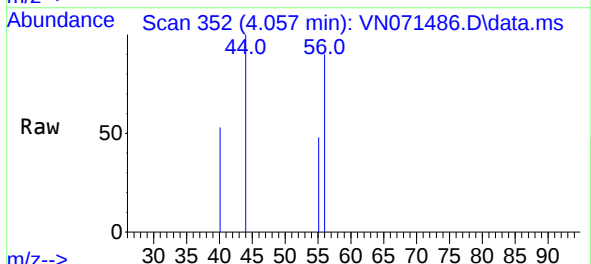
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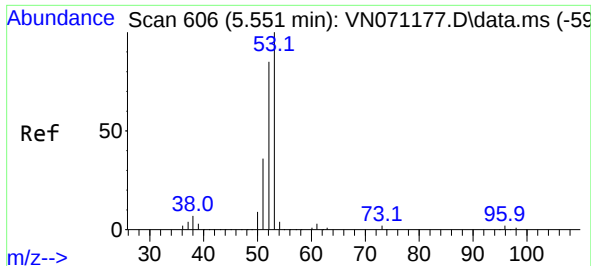
Tgt Ion: 59 Resp: 2127
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.758 ug/l
RT: 4.057 min Scan# 352
Delta R.T. 0.018 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 56 Resp: 1451
Ion Ratio Lower Upper
56 100
55 98.0 56.6 85.0#

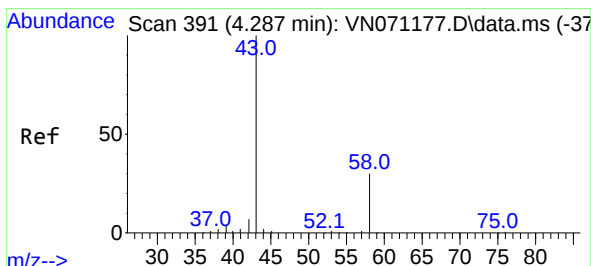
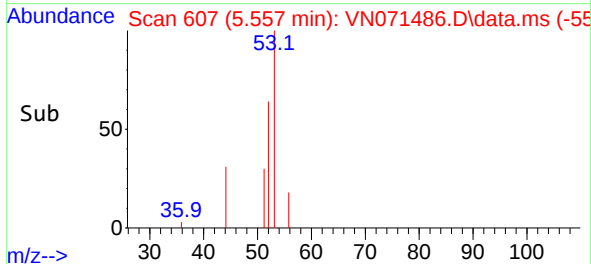
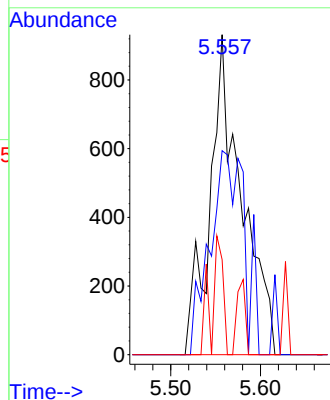
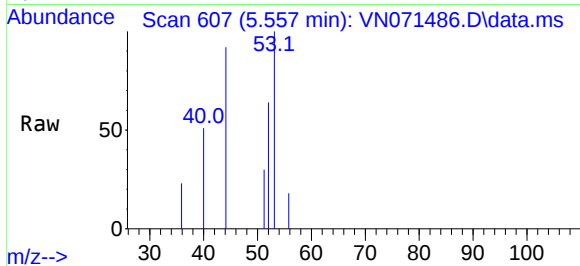




#15
Acrylonitrile
Concen: 0.426 ug/l
RT: 5.557 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

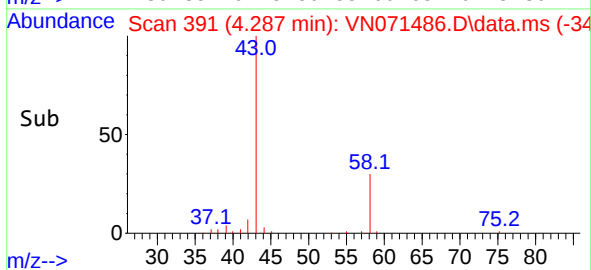
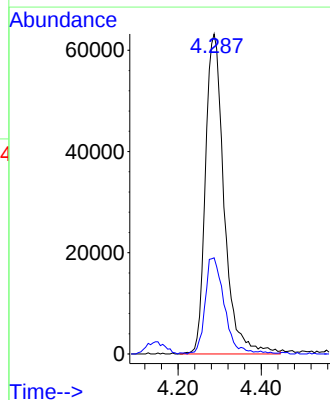
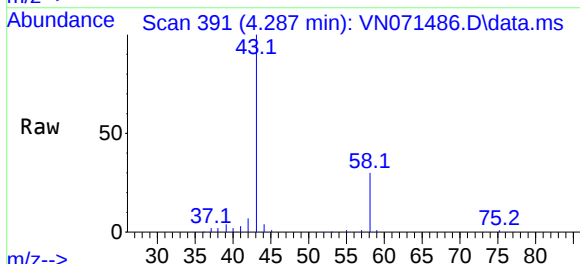
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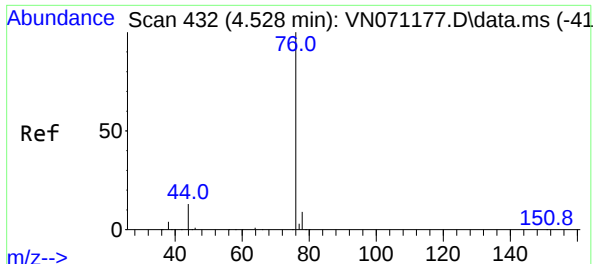
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Ion Ratio Lower Upper
53 100
52 69.9 66.2 99.2
51 13.7 29.6 44.4#



#16
Acetone
Concen: 44.094 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 197396
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7

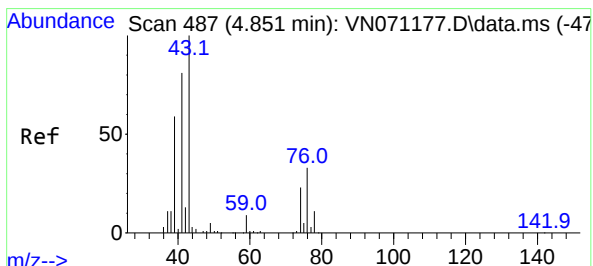
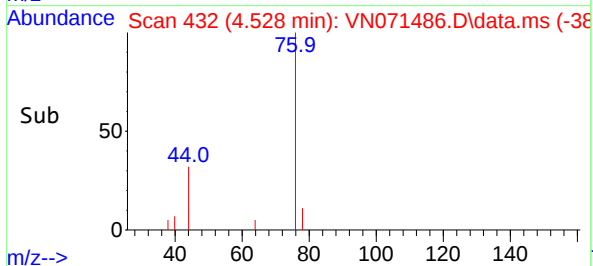
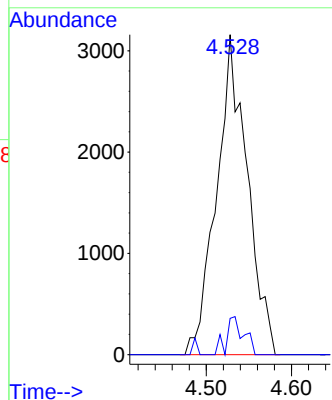
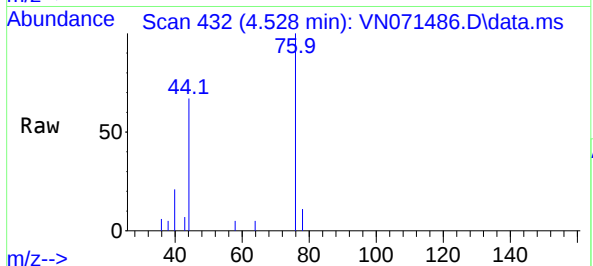




#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

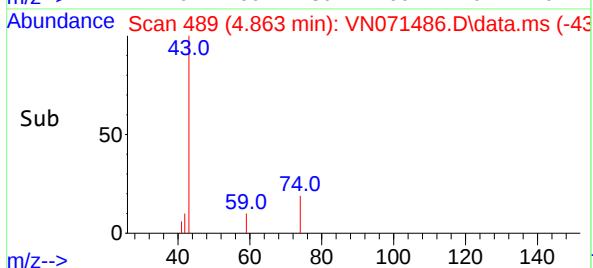
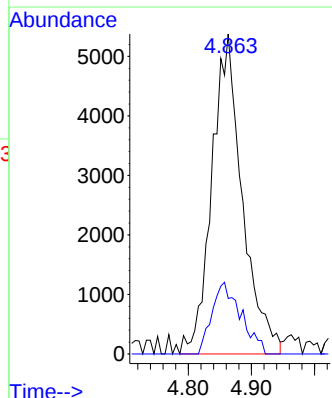
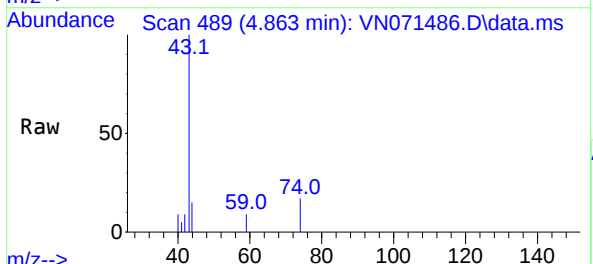
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ClientSampleId :
C-21-21-23

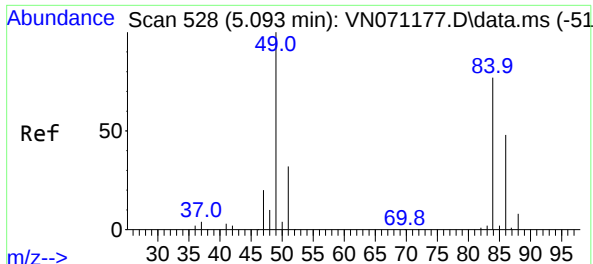
Tgt Ion: 76 Resp: 7908
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3#



#18
Methyl Acetate
Concen: 1.956 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

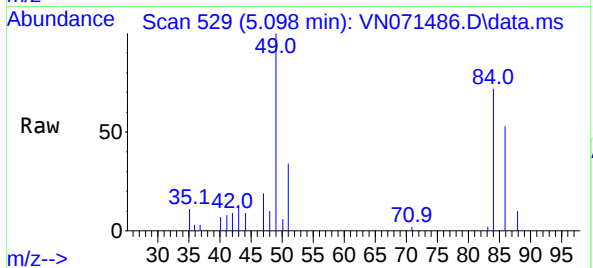
Tgt Ion: 43 Resp: 18034
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2





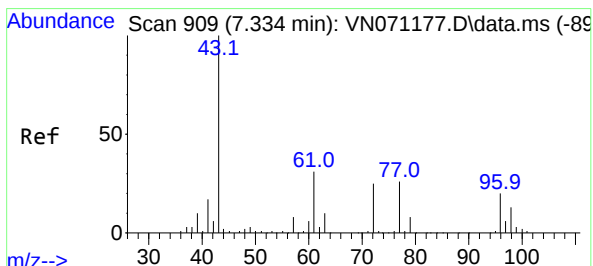
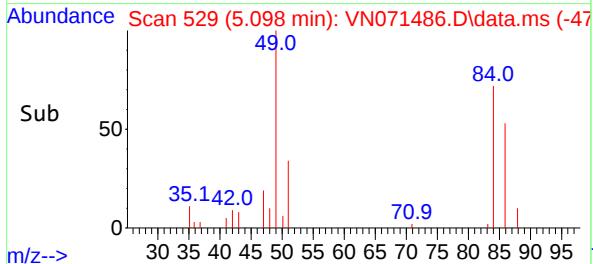
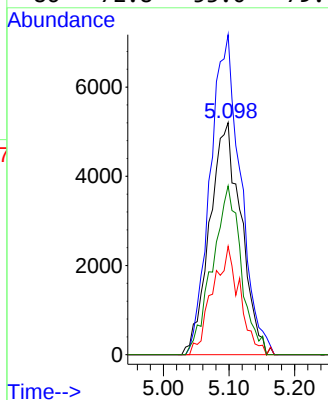
#20
Methylene Chloride
Concen: 2.483 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23



Tgt Ion: 84 Resp: 17322

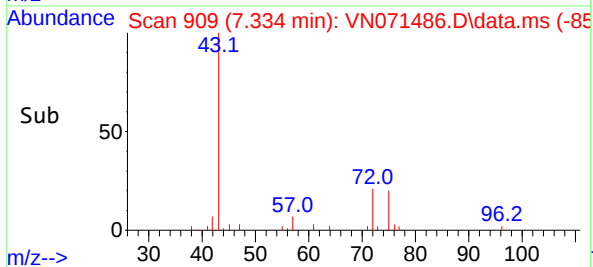
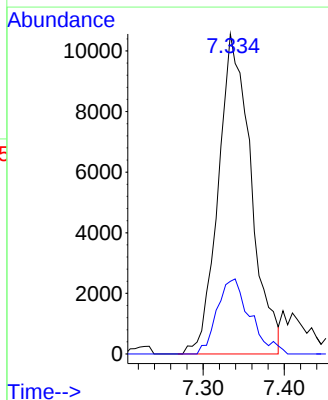
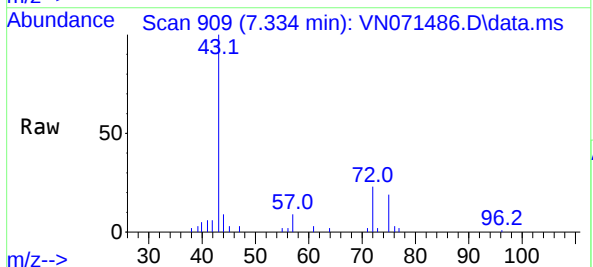
Ion	Ratio	Lower	Upper
84	100		
49	138.0	93.5	140.3
51	46.7	29.4	44.2
86	72.8	53.0	79.4

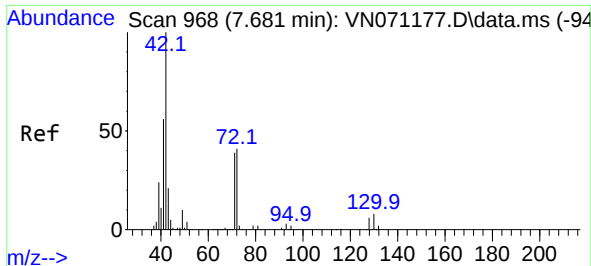


#25
2-Butanone
Concen: 4.097 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 29543

Ion	Ratio	Lower	Upper
43	100		
72	22.7	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.467 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

C-21-21-23

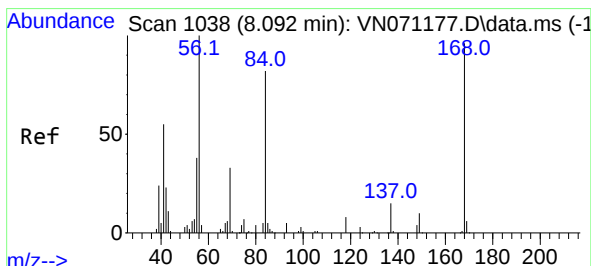
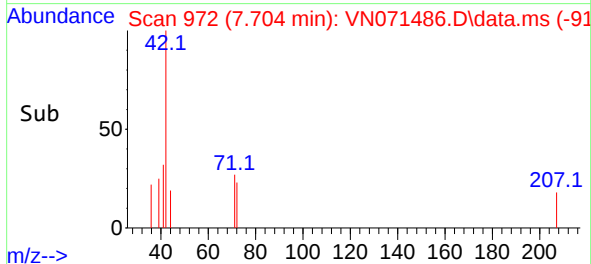
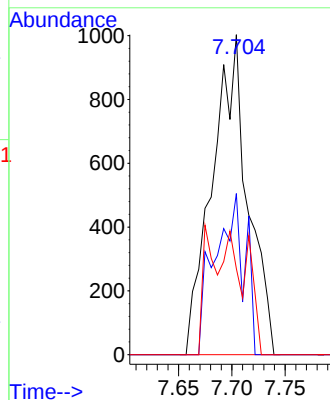
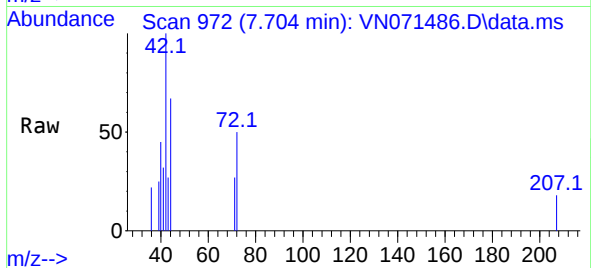
Tgt Ion: 42 Resp: 2331

Ion Ratio Lower Upper

42 100

72 41.8 36.3 54.5

71 25.6 34.7 52.1#



#31

Cyclohexane

Concen: 2.599 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

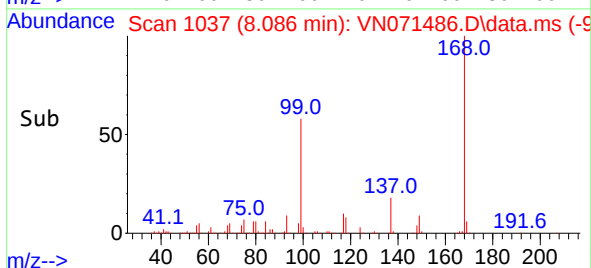
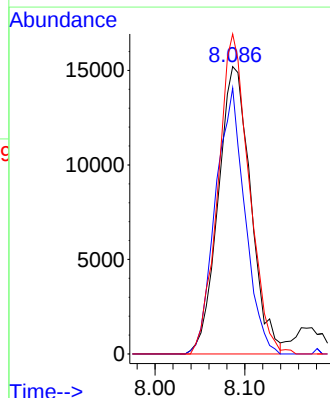
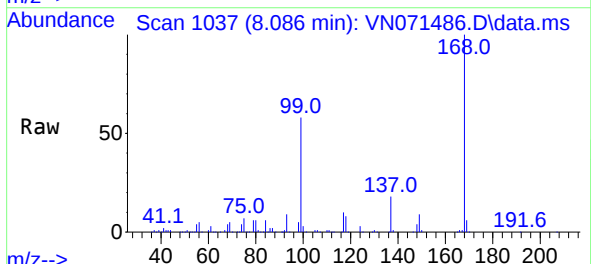
Tgt Ion: 56 Resp: 38179

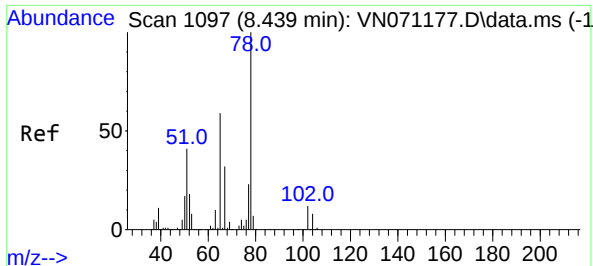
Ion Ratio Lower Upper

56 100

69 92.6 27.1 40.7#

84 111.4 73.4 110.0#

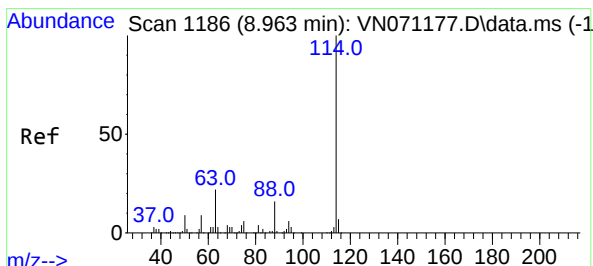
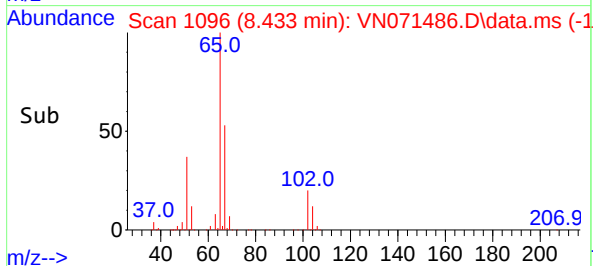
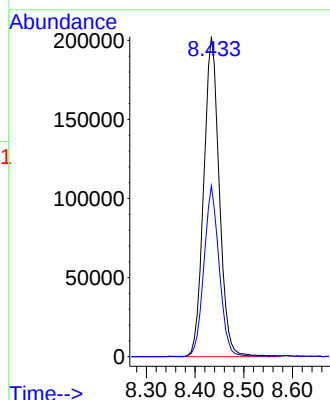
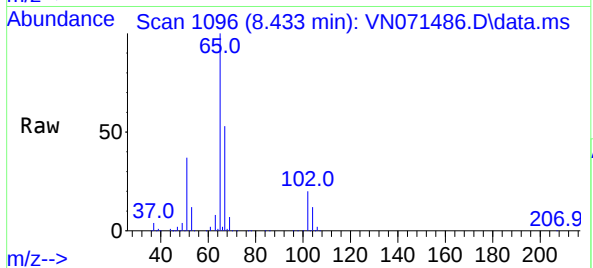




#33
1,2-Dichloroethane-d4
Concen: 48.754 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

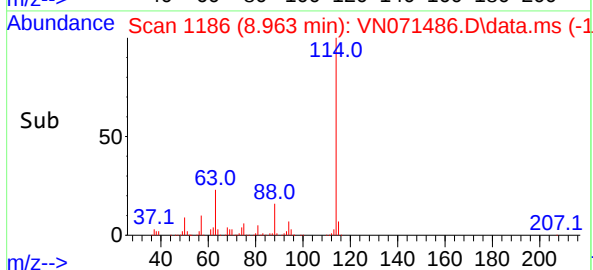
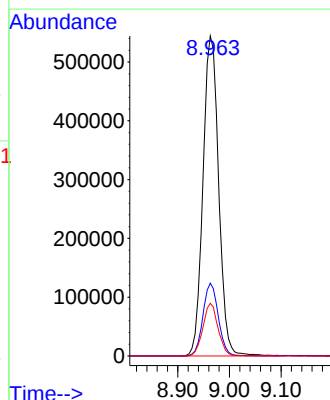
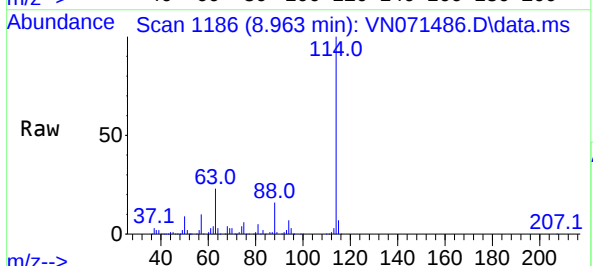
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

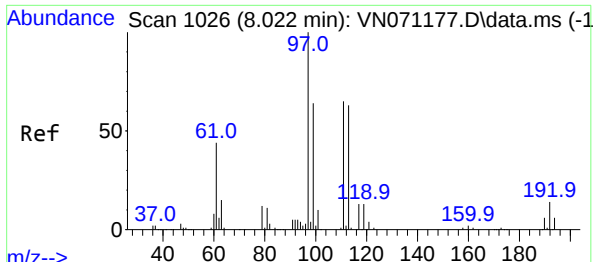
Tgt Ion: 65 Resp: 448567
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:114 Resp: 1149693
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.4 0.0 27.4

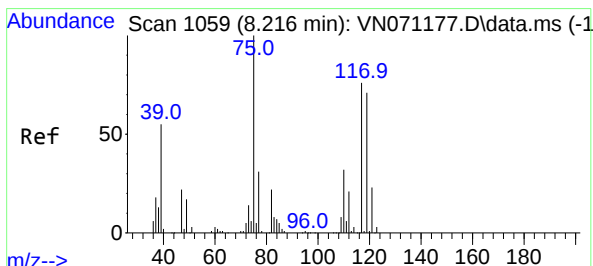
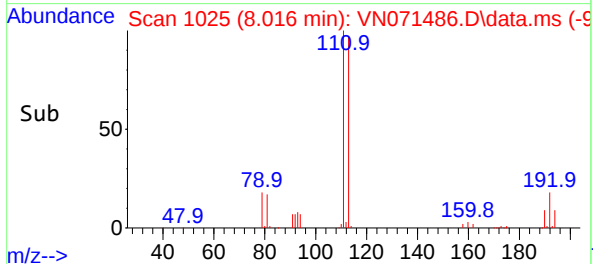
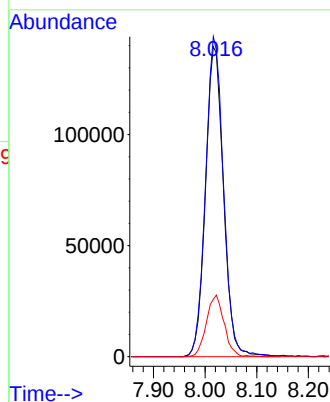
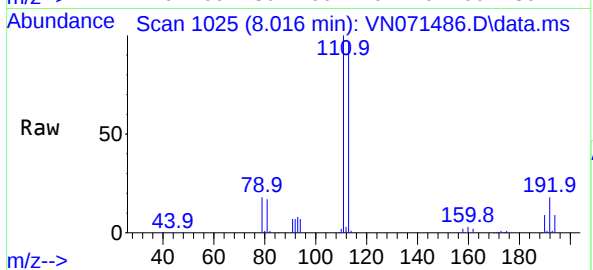




#35
Dibromofluoromethane
Concen: 46.483 ug/l
RT: 8.016 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

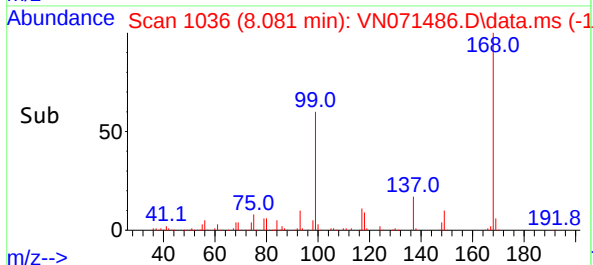
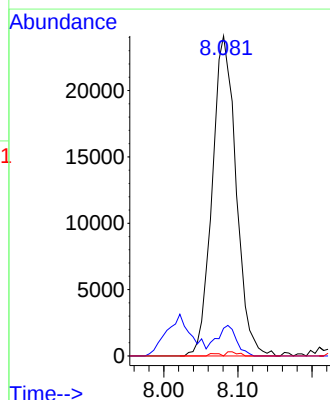
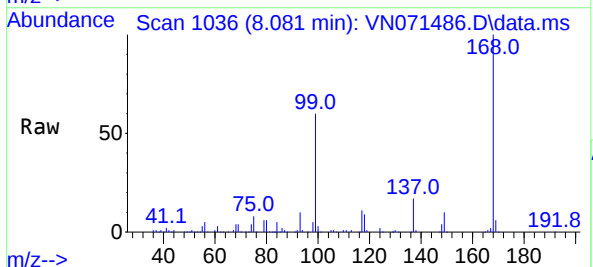
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

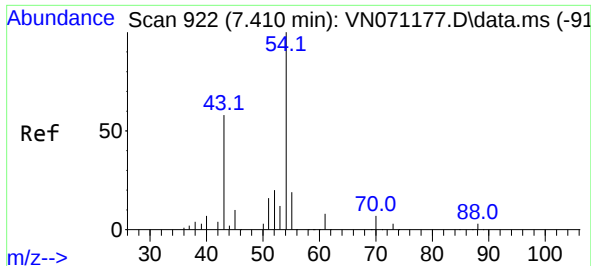
Tgt Ion:113 Resp: 337234
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 75 Resp: 54003
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.6 24.4 36.6#

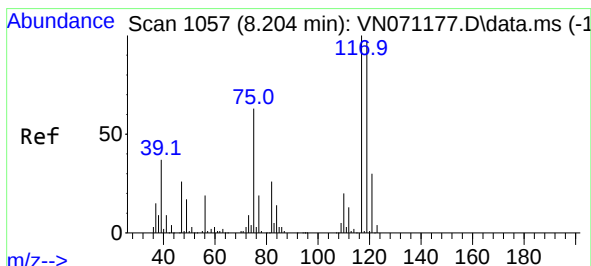
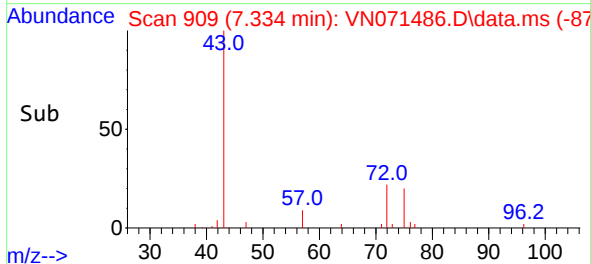
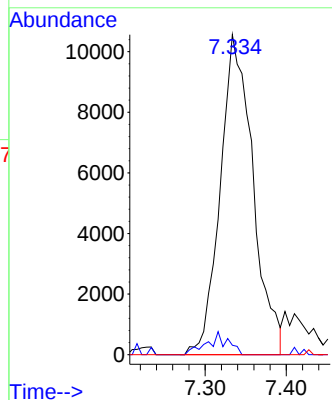
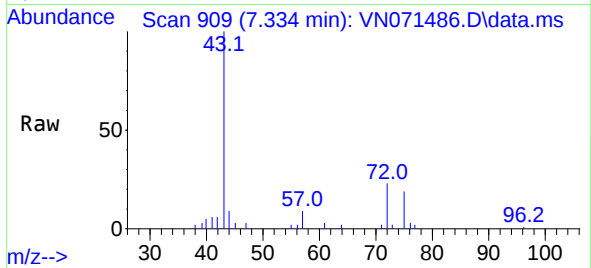




#37
Ethyl Acetate
Concen: 1.847 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.076 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

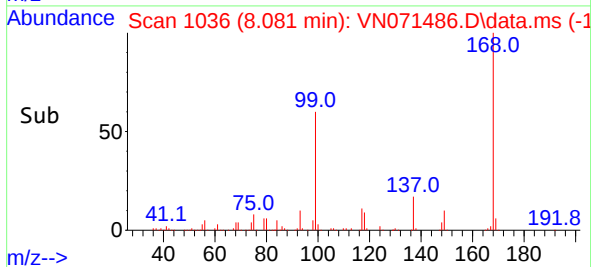
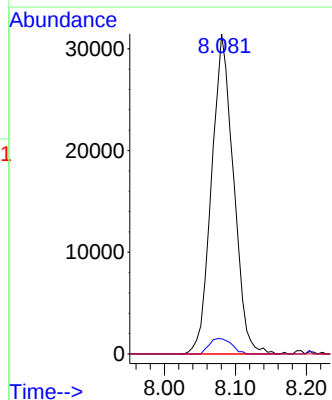
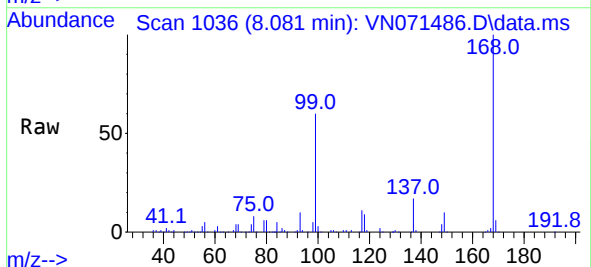
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

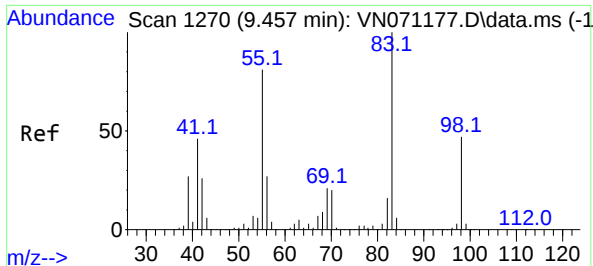
Tgt Ion: 43 Resp: 29543
Ion Ratio Lower Upper
43 100
61 4.5 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 117 Resp: 67567
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#

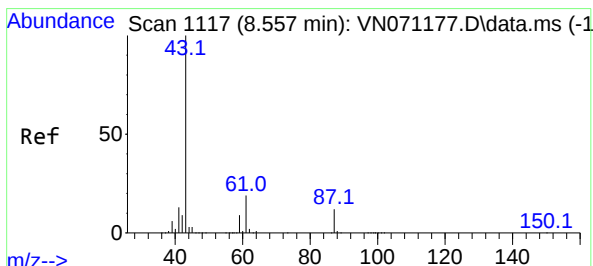
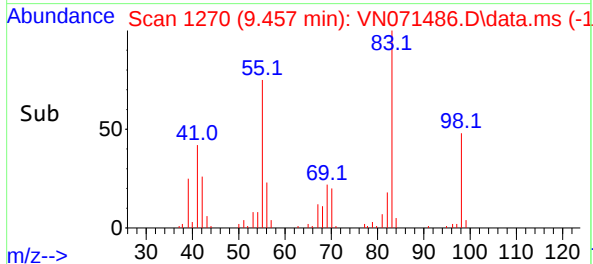
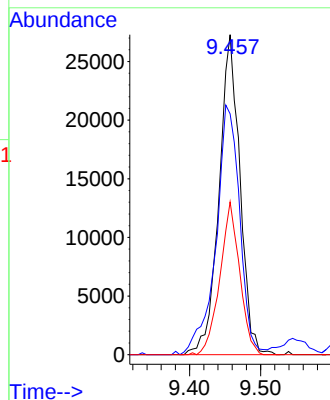
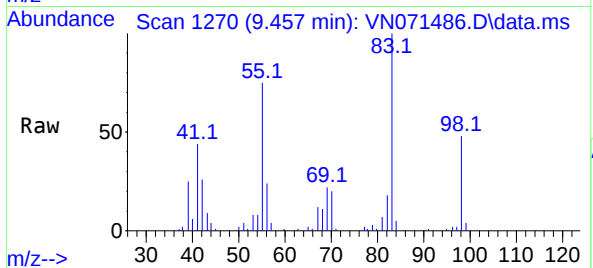




#39
Methylcyclohexane
Concen: 4.070 ug/l
RT: 9.457 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

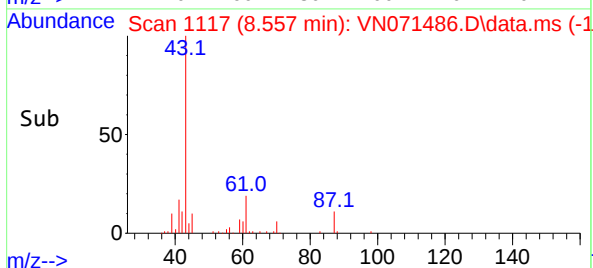
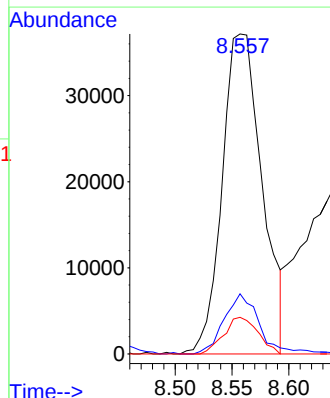
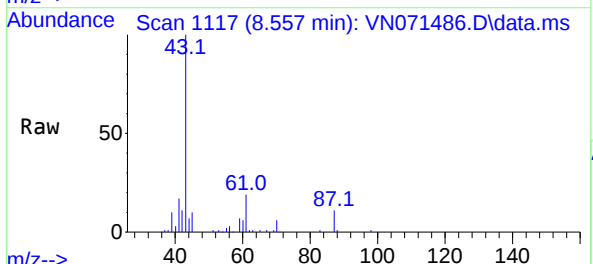
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

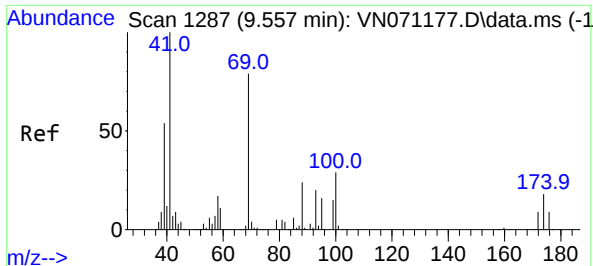
Tgt Ion: 83 Resp: 55649
Ion Ratio Lower Upper
83 100
55 75.3 58.1 87.1
98 47.8 38.4 57.6



#43
Isopropyl Acetate
Concen: 3.796 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 90802
Ion Ratio Lower Upper
43 100
61 16.8 20.4 30.6#
87 9.8 11.2 16.8#

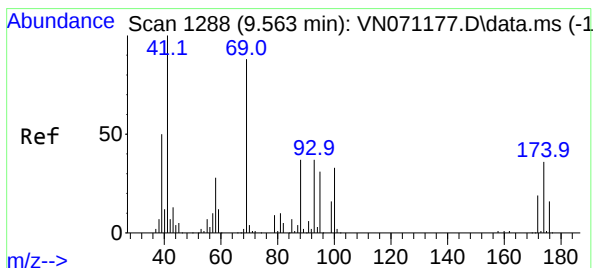
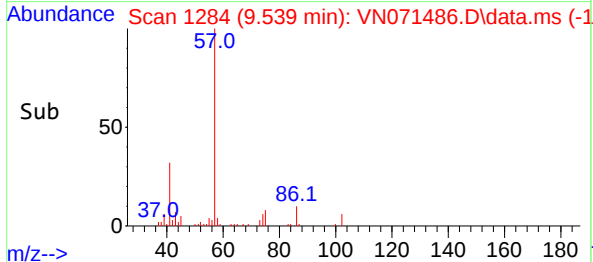
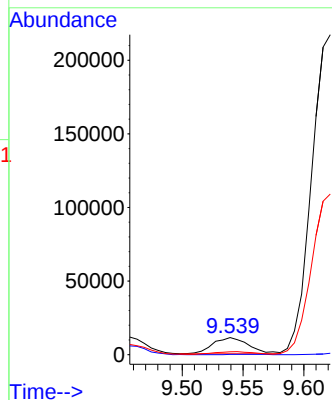
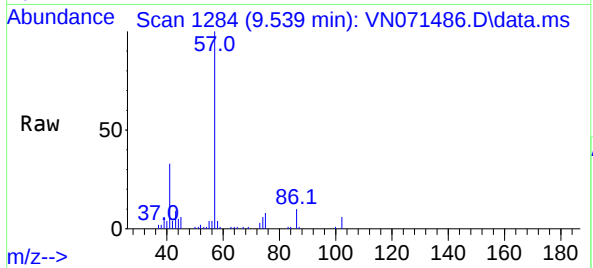




#48
Methyl methacrylate
Concen: 2.045 ug/l
RT: 9.539 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

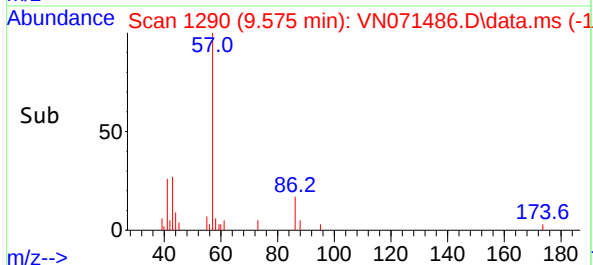
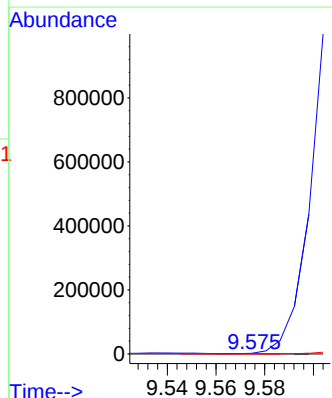
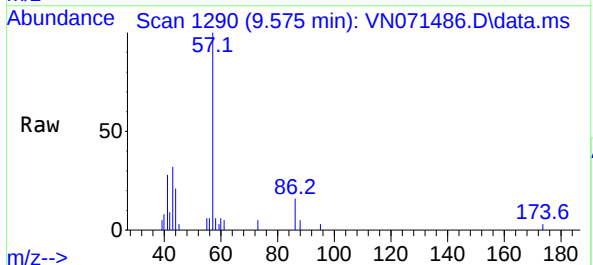
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

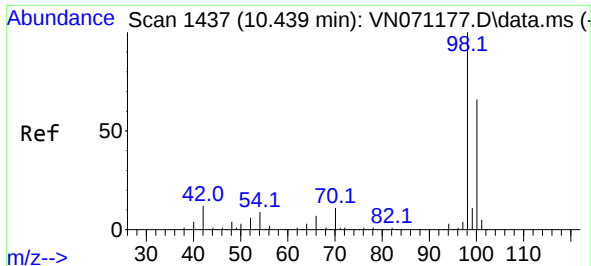
Tgt Ion: 41 Resp: 22670
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 1.977 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.012 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 88 Resp: 381
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

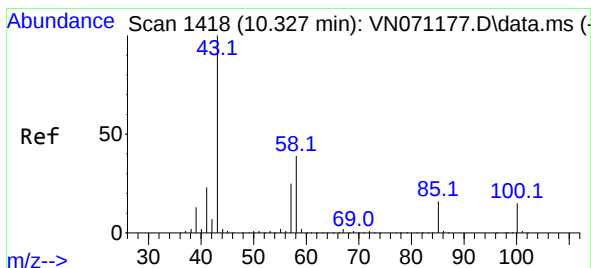
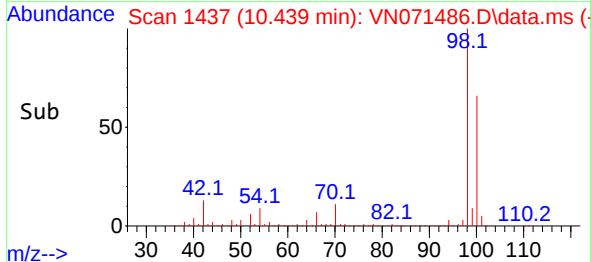
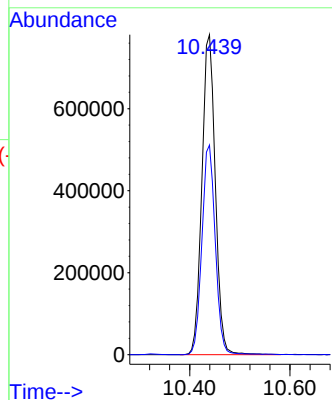
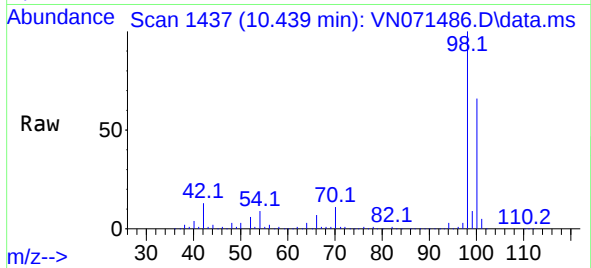




#50
Toluene-d8
Concen: 49.614 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

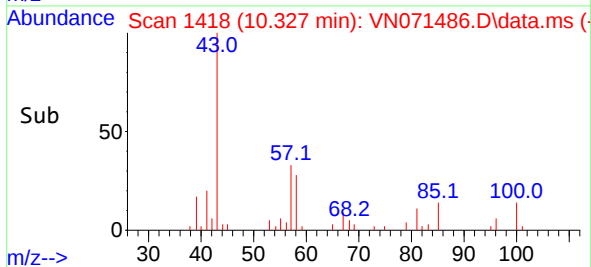
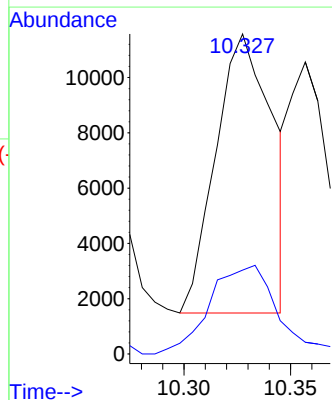
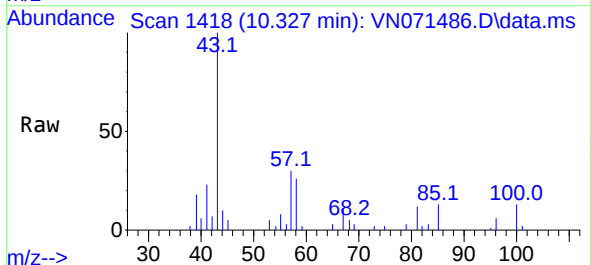
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

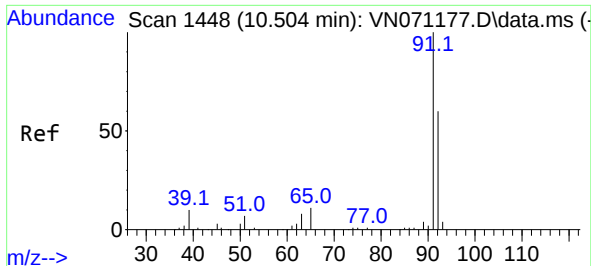
Tgt Ion: 98 Resp: 1449272
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.253 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 18604
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

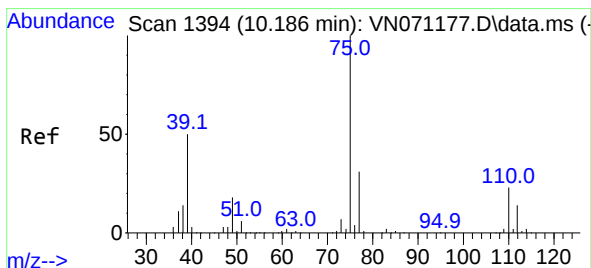
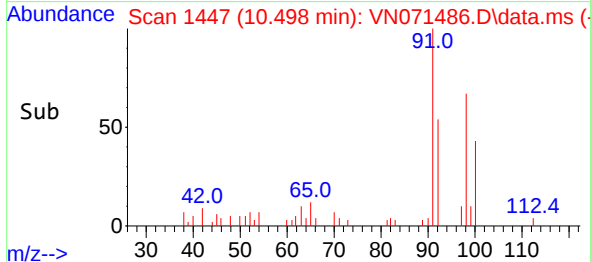
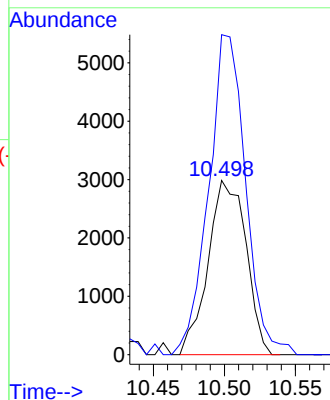
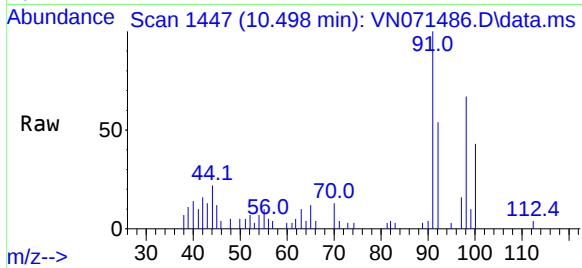




#52
Toluene
Concen: 0.258 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

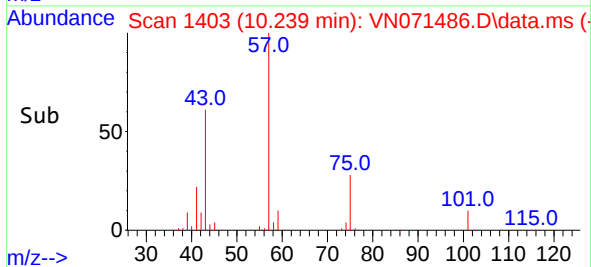
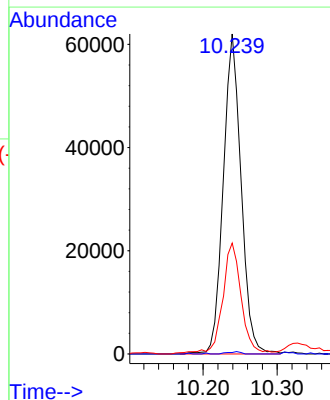
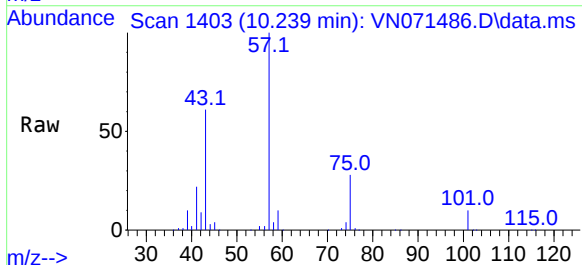
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

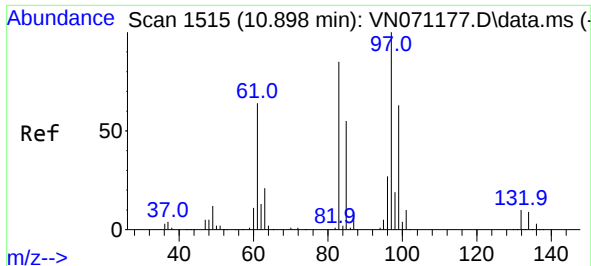
Tgt Ion: 92 Resp: 5557
Ion Ratio Lower Upper
92 100
91 178.5 142.0 213.0



#54
cis-1,3-Dichloropropene
Concen: 7.349 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 75 Resp: 103504
Ion Ratio Lower Upper
75 100
77 0.5 26.4 39.6#
39 34.3 42.5 63.7#

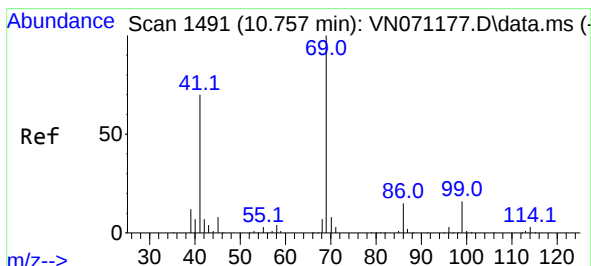
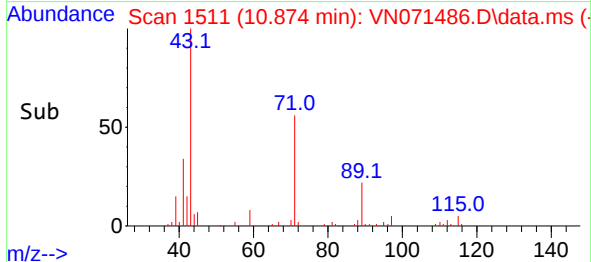
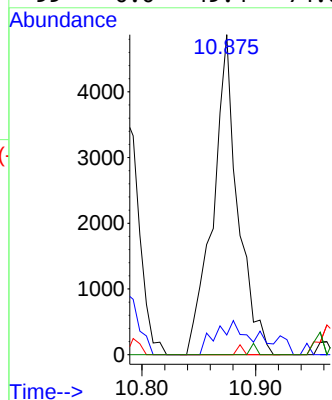
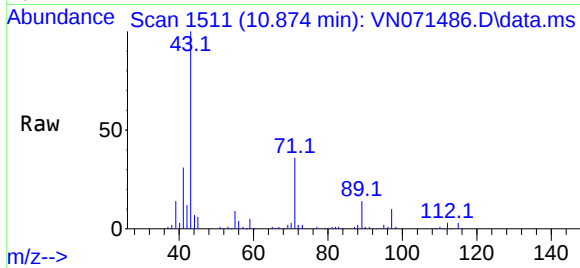




#55
1,1,2-Trichloroethane
Concen: 0.857 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.024 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

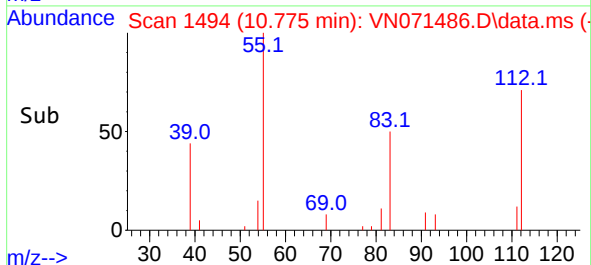
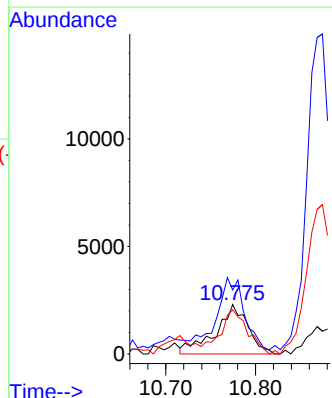
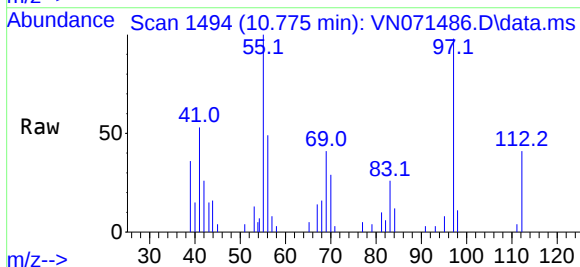
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

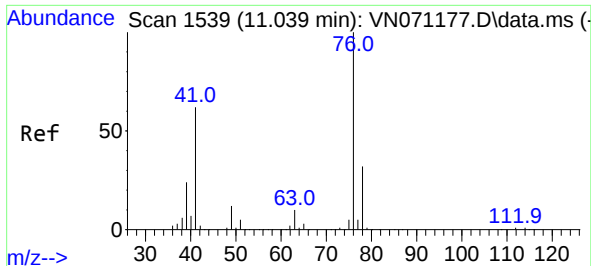
Tgt Ion:	97	Resp:	7410
Ion	Ratio	Lower	Upper
97	100		
83	6.1	67.8	101.6#
85	0.0	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 0.407 ug/l
RT: 10.775 min Scan# 1494
Delta R.T. 0.018 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:	69	Resp:	5750
Ion	Ratio	Lower	Upper
69	100		
41	123.2	51.4	77.0#
39	75.6	34.6	52.0#





#57

1,3-Dichloropropane

Concen: 4.041 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

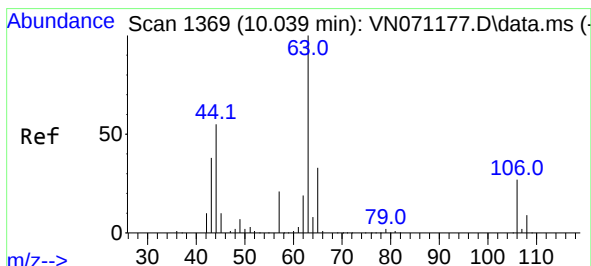
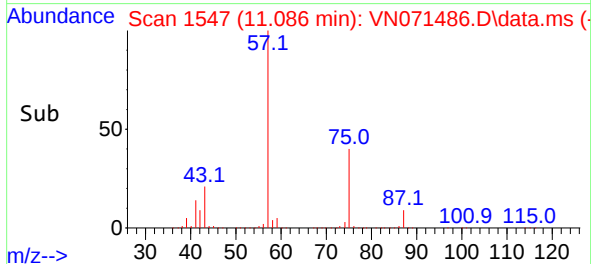
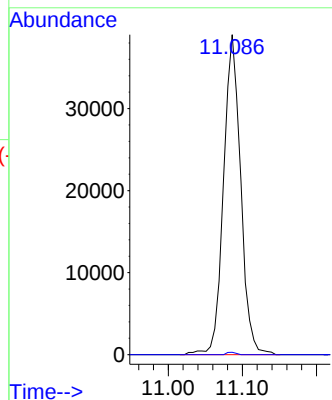
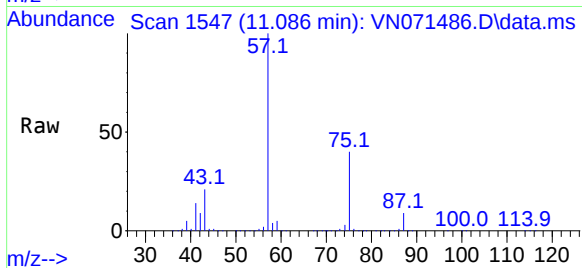
C-21-21-23

Tgt Ion: 76 Resp: 62676

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 27.903 ug/l

RT: 9.969 min Scan# 1357

Delta R.T. -0.070 min

Lab File: VN071486.D

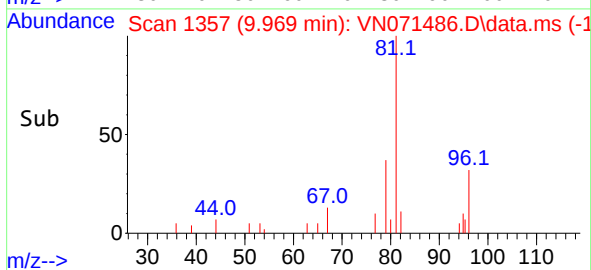
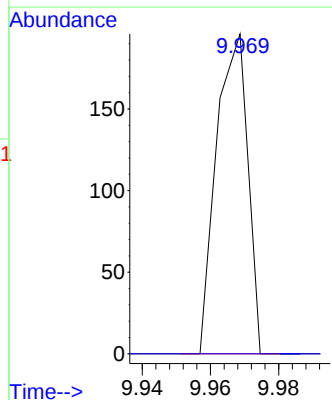
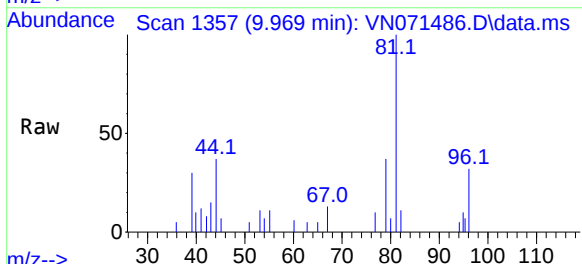
Acq: 23 Mar 2022 00:36

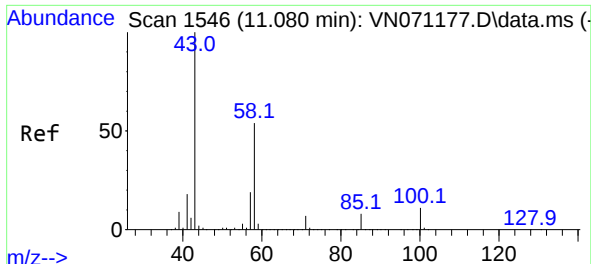
Tgt Ion: 63 Resp: 125

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#





#59

2-Hexanone

Concen: 99.064 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

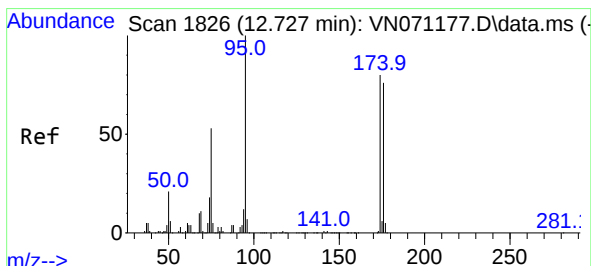
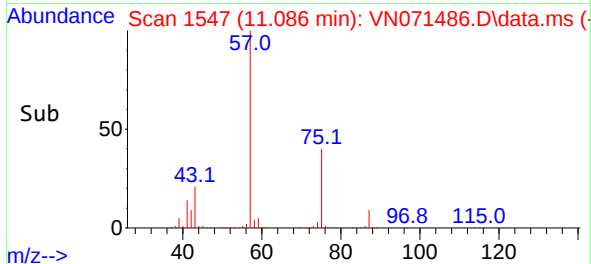
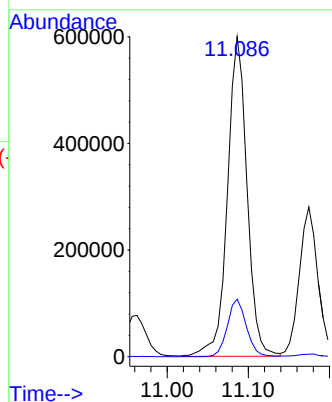
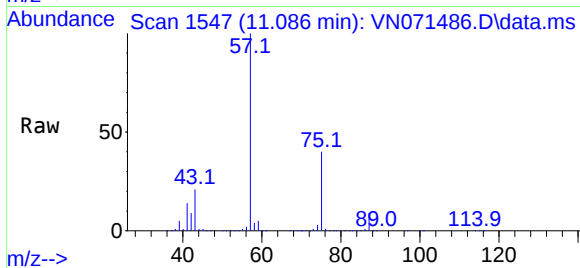
C-21-21-23

Tgt Ion: 43 Resp: 1003525

Ion Ratio Lower Upper

43 100

58 17.5 26.9 80.7#



#62

4-Bromofluorobenzene

Concen: 57.467 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

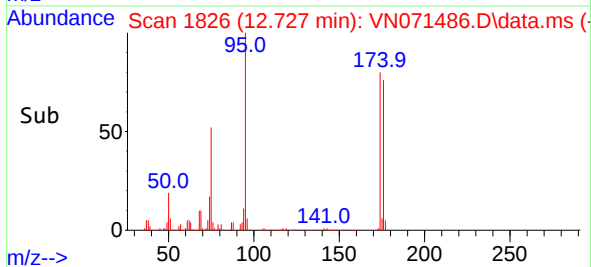
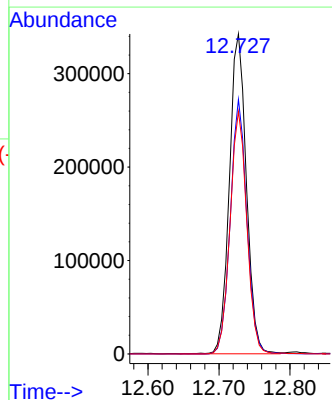
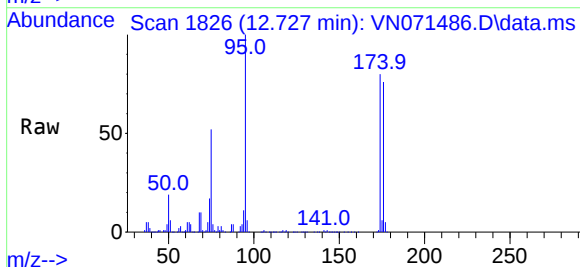
Tgt Ion: 95 Resp: 568432

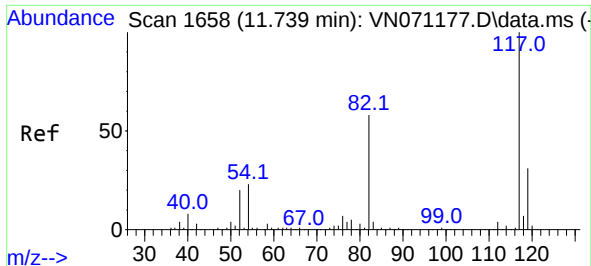
Ion Ratio Lower Upper

95 100

174 77.4 0.0 187.2

176 74.9 0.0 181.4

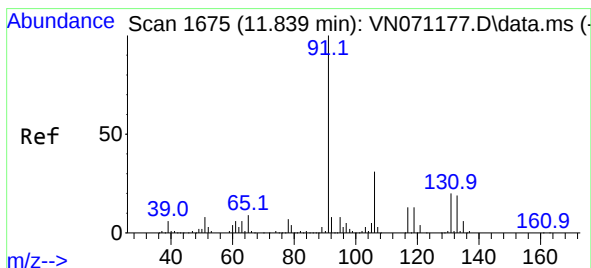
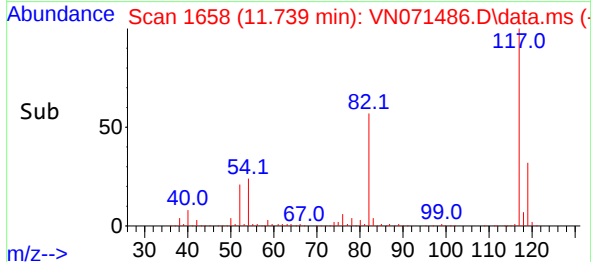
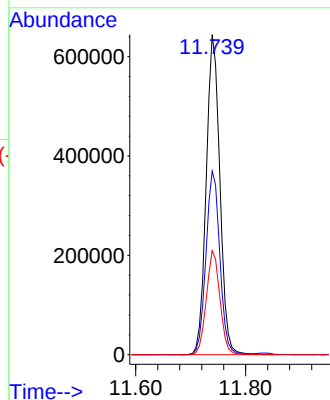
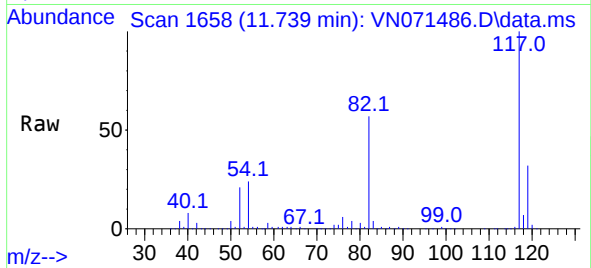




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

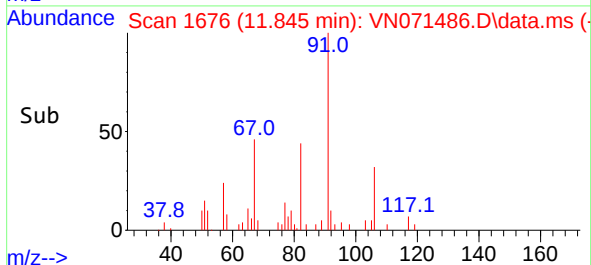
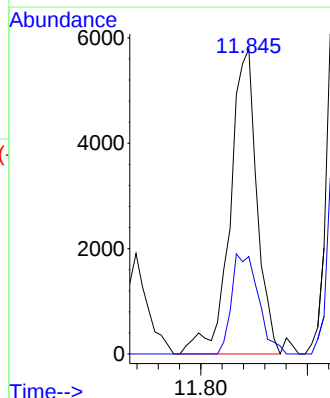
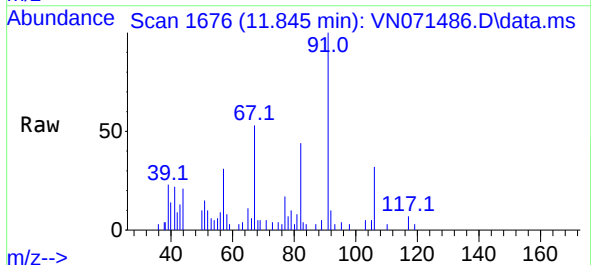
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

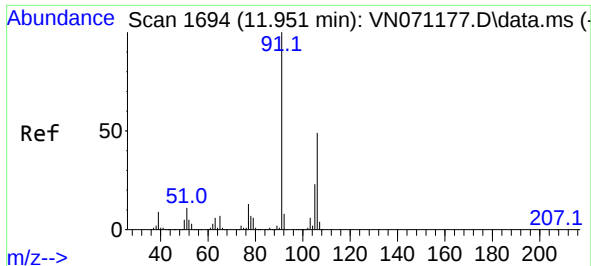
Tgt Ion:117 Resp: 1109688
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 0.240 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 91 Resp: 10129
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

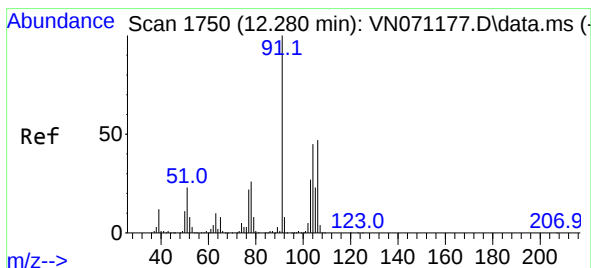
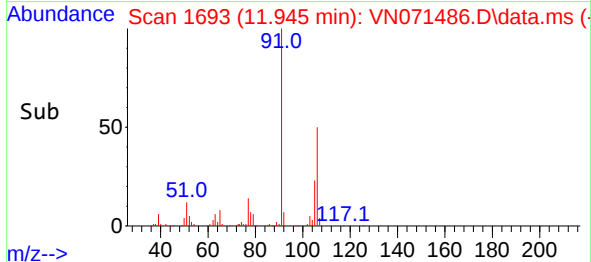
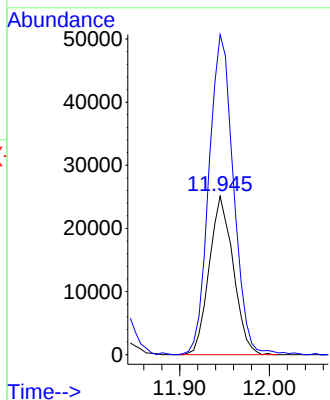
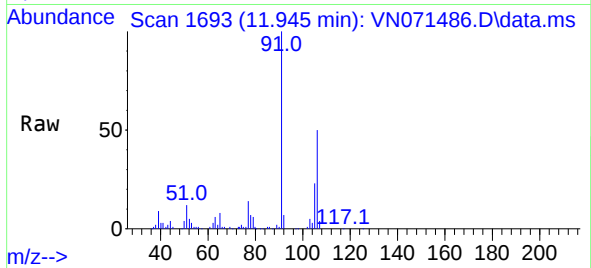




#68
m/p-Xylenes
Concen: 3.028 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

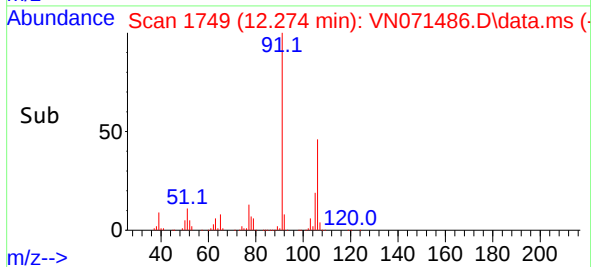
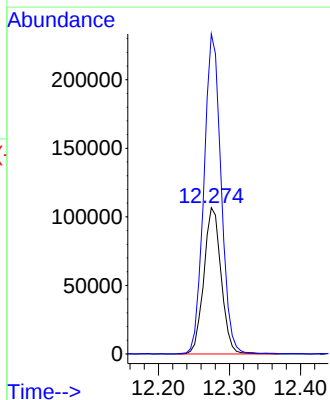
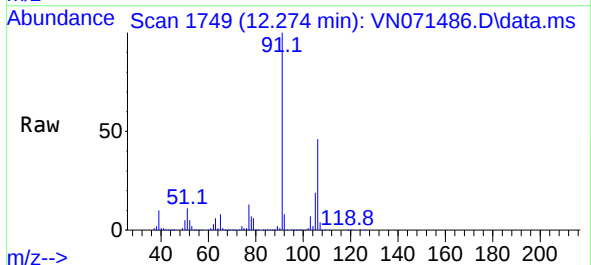
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

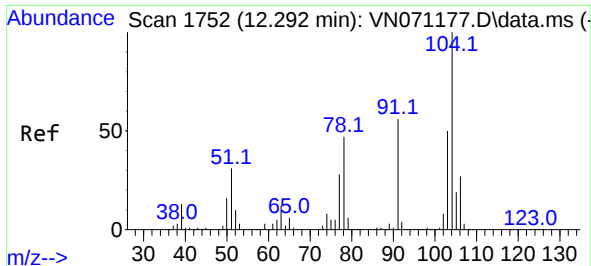
Tgt Ion:106 Resp: 46669
Ion Ratio Lower Upper
106 100
91 207.1 160.6 240.8



#69
o-Xylene
Concen: 11.672 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:106 Resp: 180345
Ion Ratio Lower Upper
106 100
91 218.0 105.8 317.3

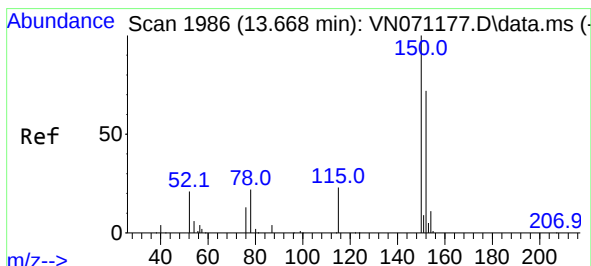
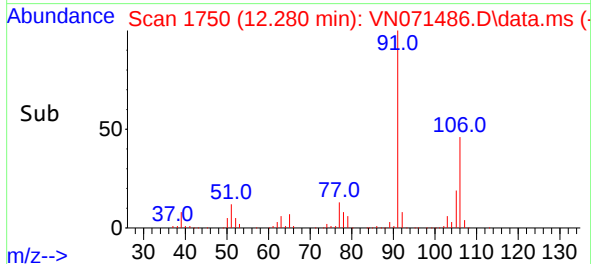
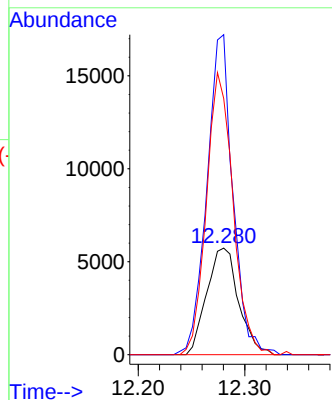
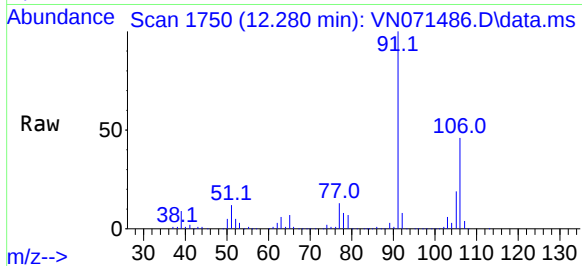




#70
Styrene
Concen: 0.499 ug/l
RT: 12.280 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

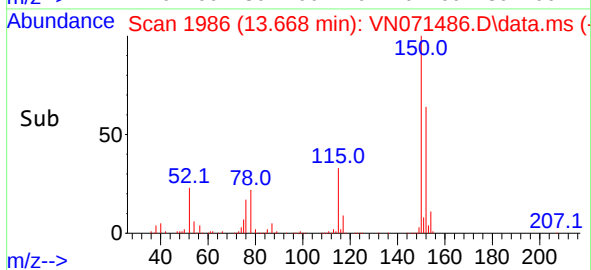
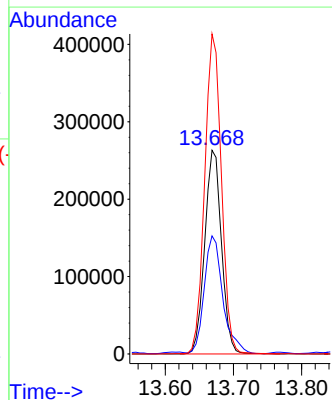
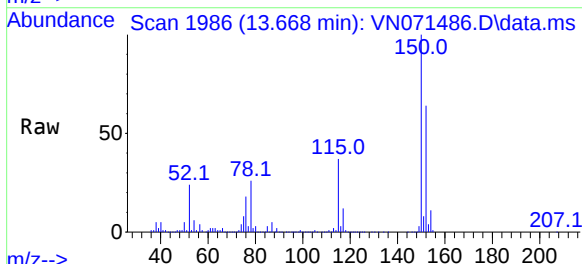
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

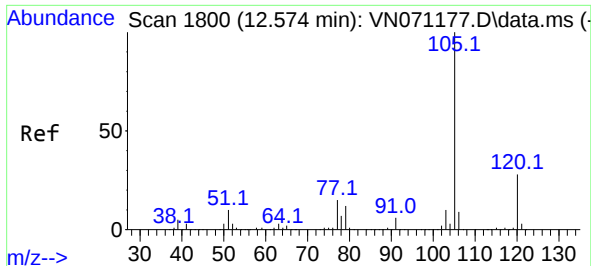
Tgt Ion:104 Resp: 11940
Ion Ratio Lower Upper
104 100
78 245.2 38.7 58.1#
103 221.4 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:152 Resp: 449707
Ion Ratio Lower Upper
152 100
115 64.2 27.5 82.5
150 156.7 0.0 344.4

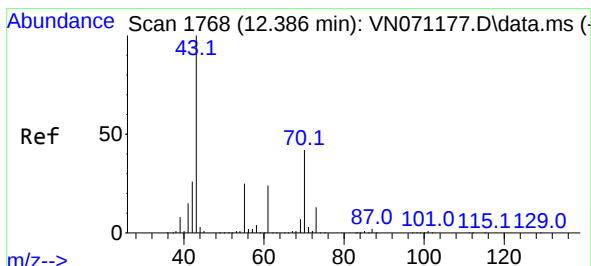
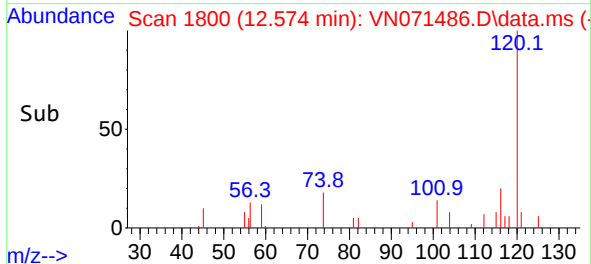
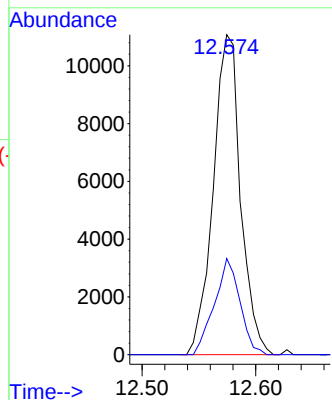
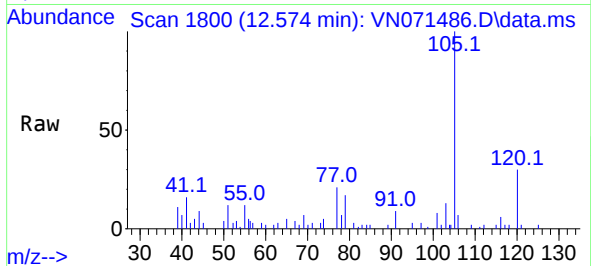




#73
Isopropylbenzene
Concen: 0.428 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

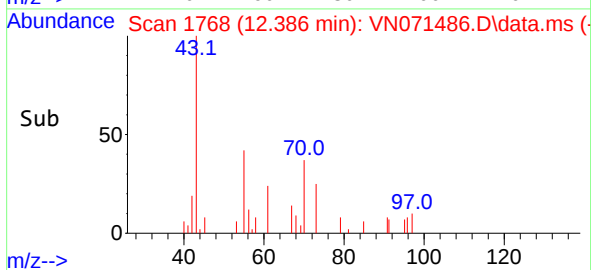
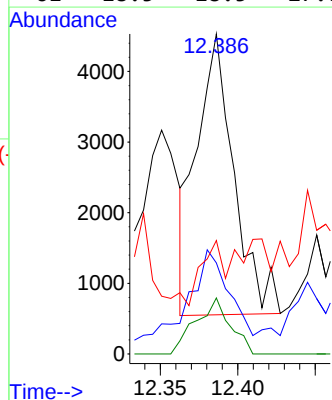
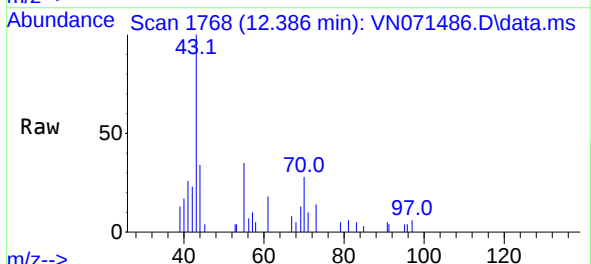
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

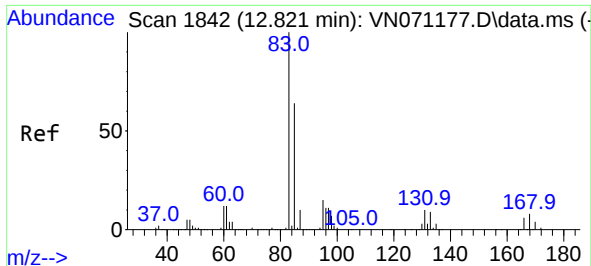
Tgt Ion:105 Resp: 18558
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 0.407 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 6638
Ion Ratio Lower Upper
43 100
70 39.1 33.4 50.0
55 13.4 19.3 28.9#
61 18.5 18.5 27.7

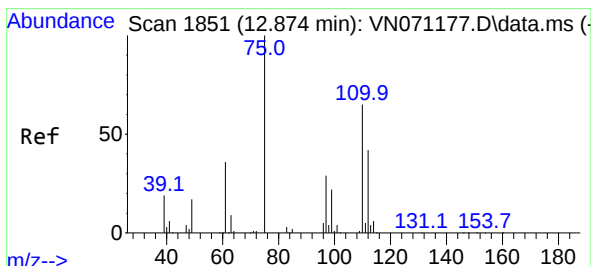
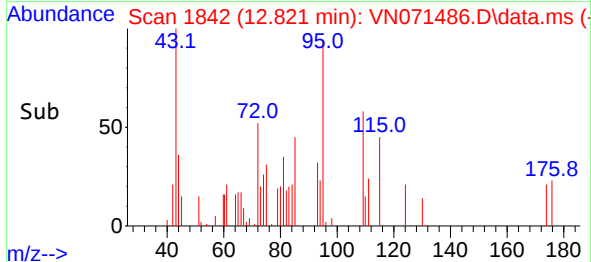
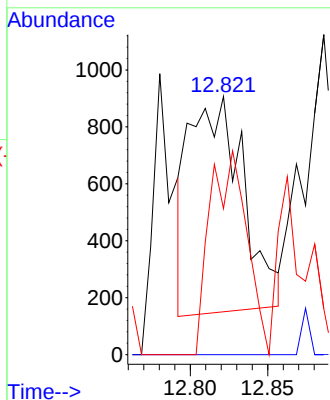
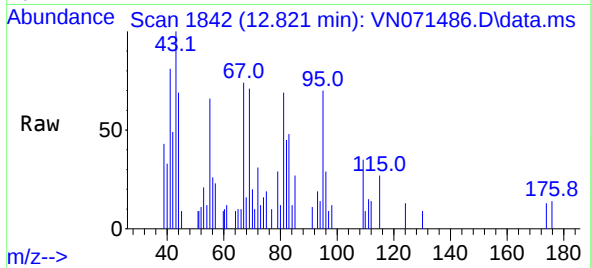




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

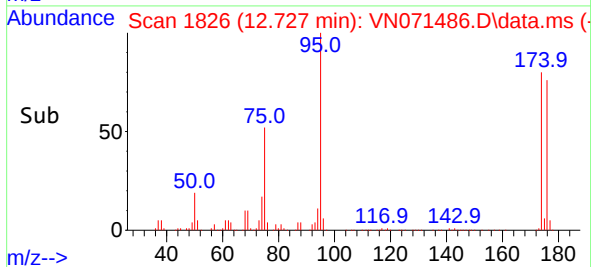
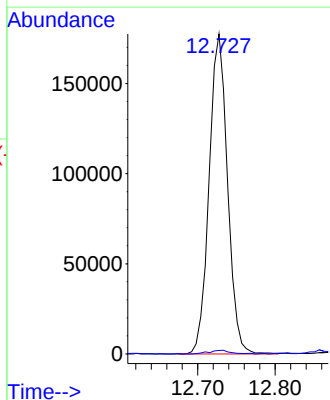
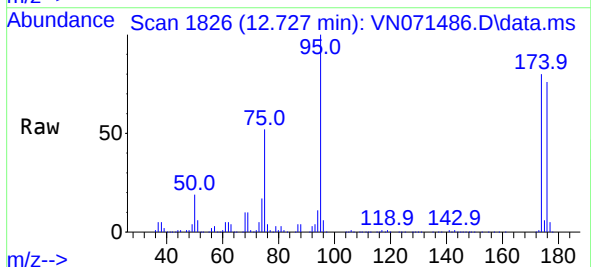
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

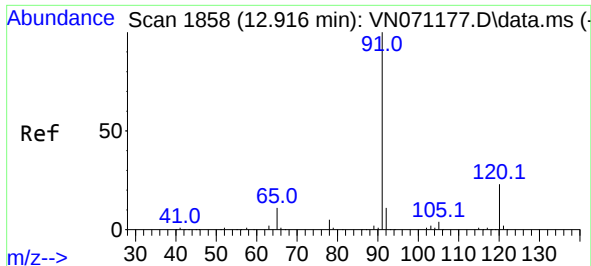
Tgt Ion: 83 Resp: 1821
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 64.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 25.495 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 75 Resp: 292957
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

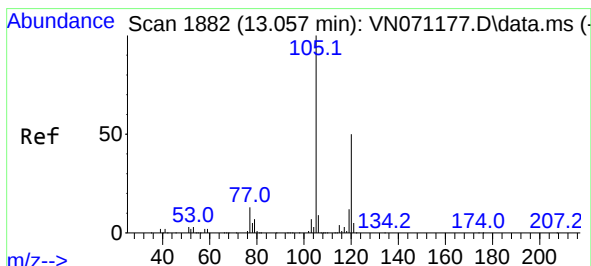
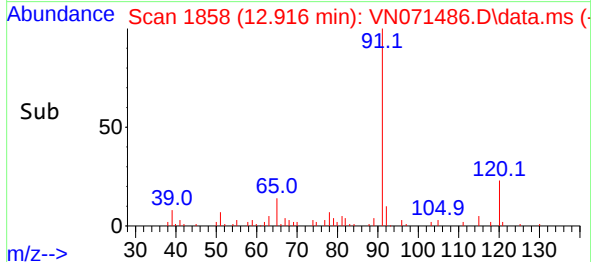
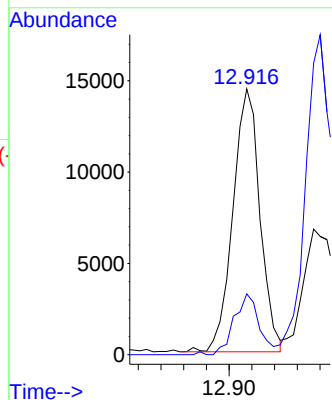
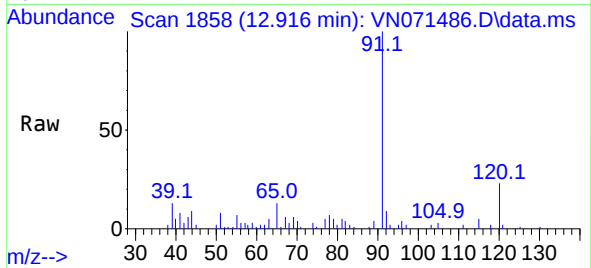




#78
n-propylbenzene
Concen: 0.511 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

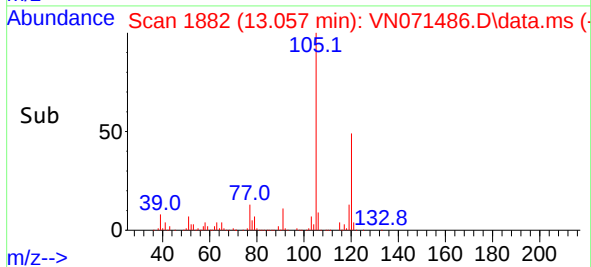
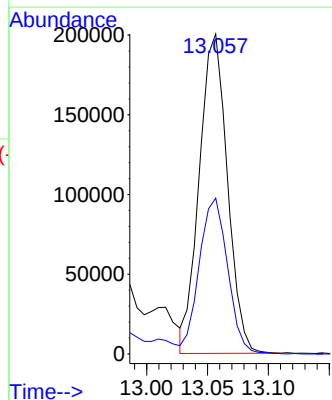
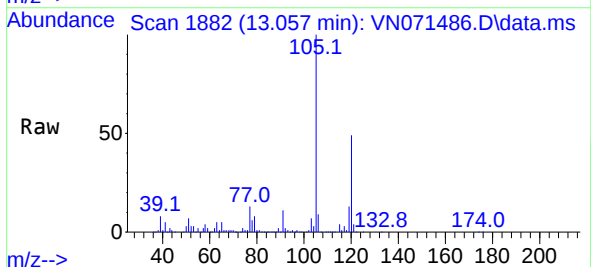
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

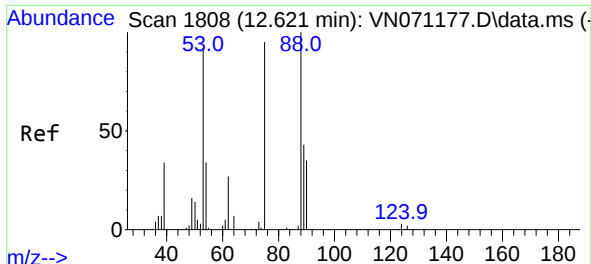
Tgt Ion: 91 Resp: 23780
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 9.531 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 105 Resp: 321470
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

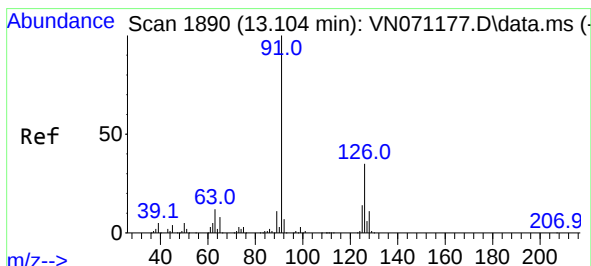
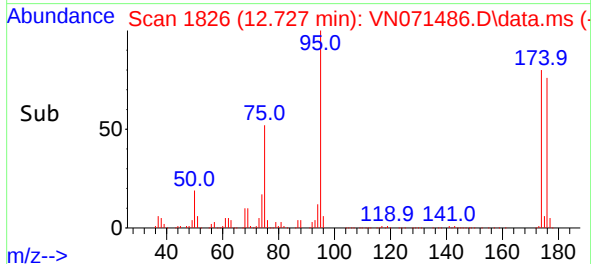
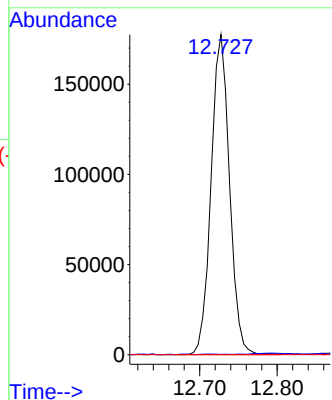
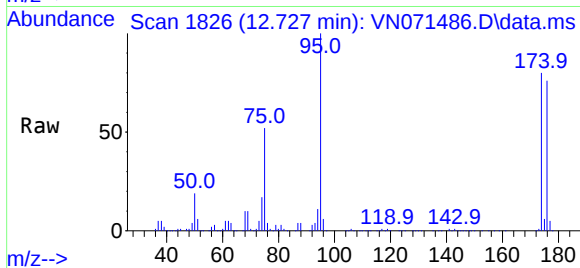




#81
trans-1,4-Dichloro-2-butene
Concen: 70.420 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

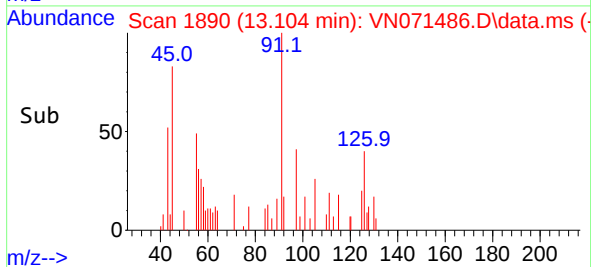
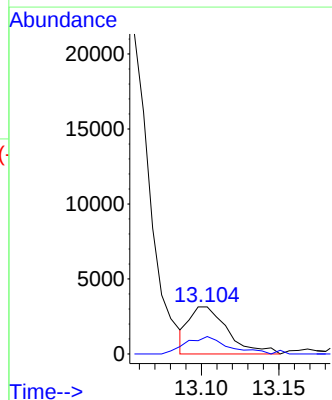
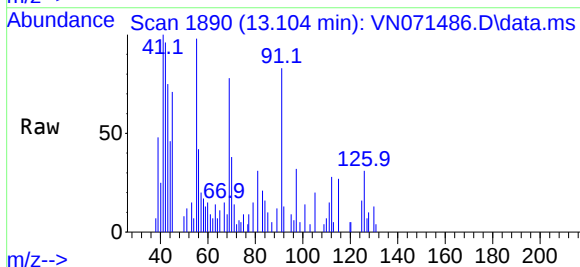
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

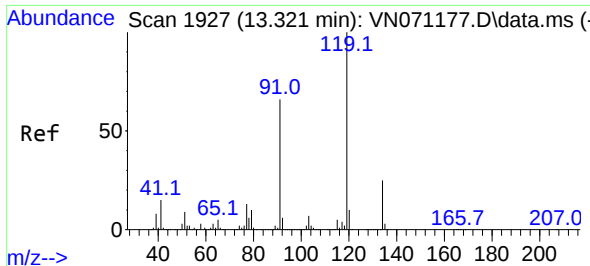
Tgt Ion: 75 Resp: 292957
Ion Ratio Lower Upper
75 100
53 0.3 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 91 Resp: 5460
Ion Ratio Lower Upper
91 100
126 39.8 18.2 54.6



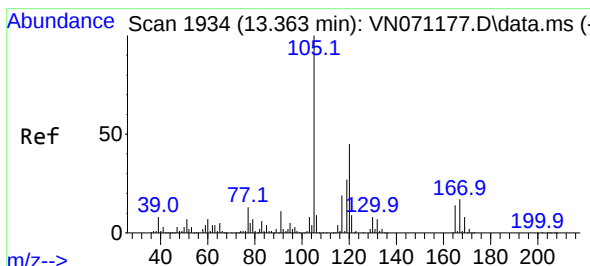
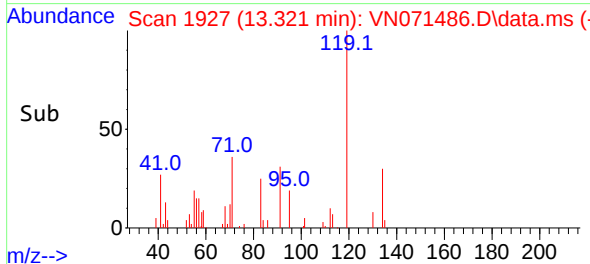
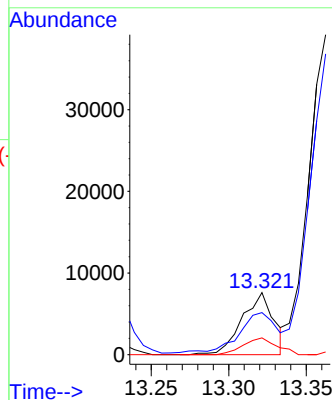
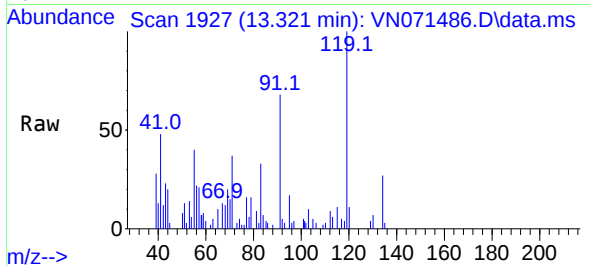


#83
tert-Butylbenzene
Concen: 0.359 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

Tgt Ion:119 Resp: 10816

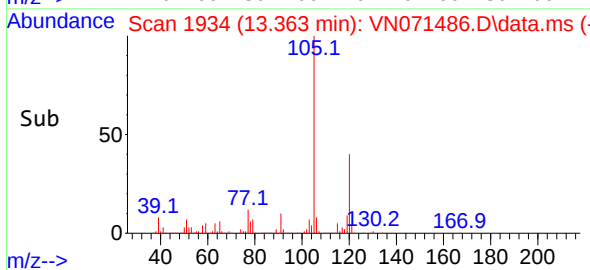
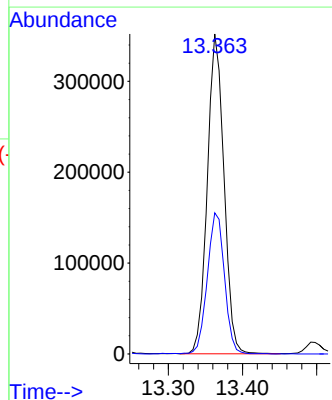
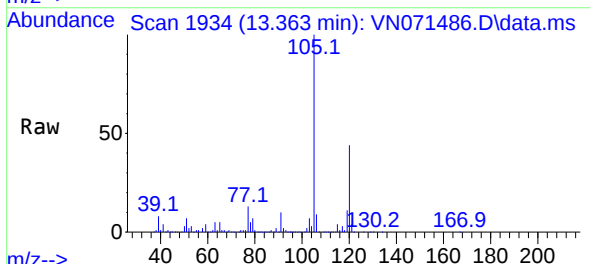
Ion	Ratio	Lower	Upper
119	100		
91	74.9	31.5	94.5
134	28.4	12.4	37.4

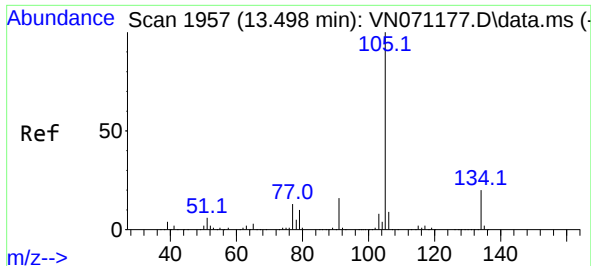


#84
1,2,4-Trimethylbenzene
Concen: 16.976 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:105 Resp: 548431

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.4

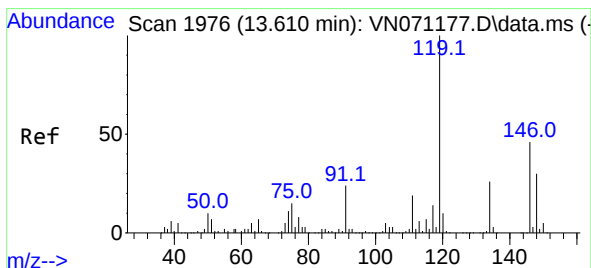
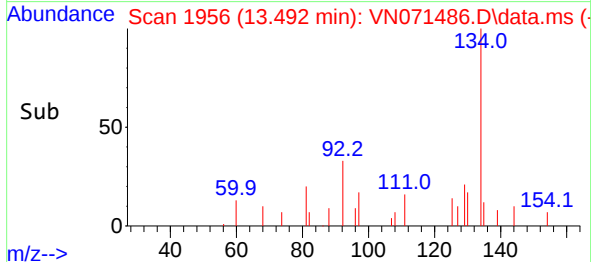
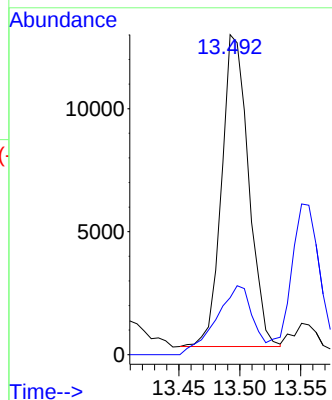
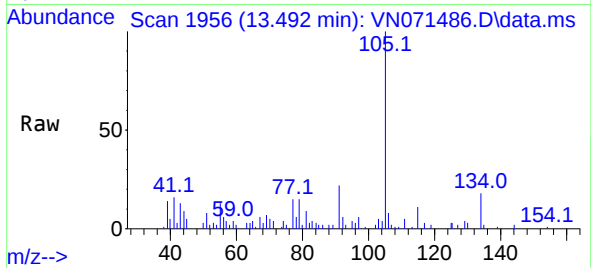




#85
sec-Butylbenzene
Concen: 0.489 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

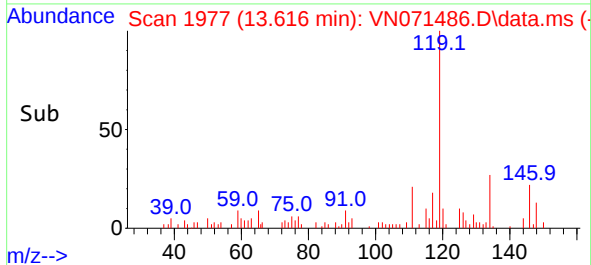
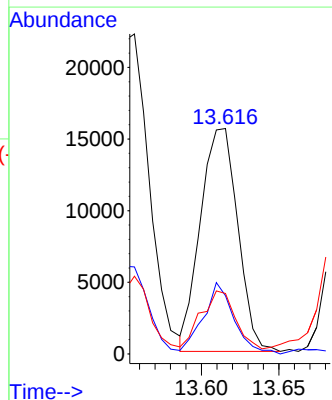
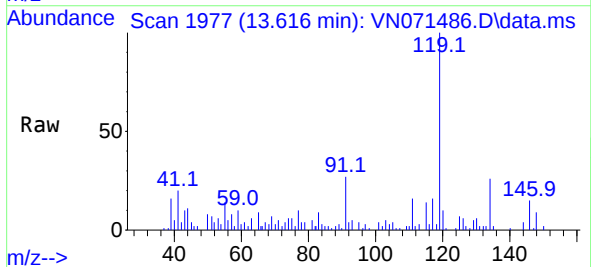
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

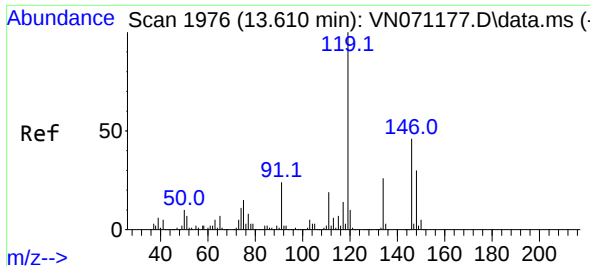
Tgt Ion:105 Resp: 19544
Ion Ratio Lower Upper
105 100
134 29.9 10.4 31.1



#86
p-Isopropyltoluene
Concen: 0.828 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:119 Resp: 26064
Ion Ratio Lower Upper
119 100
134 26.3 13.6 40.7
91 23.6 11.4 34.1

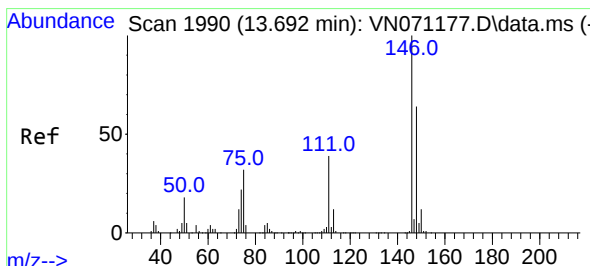
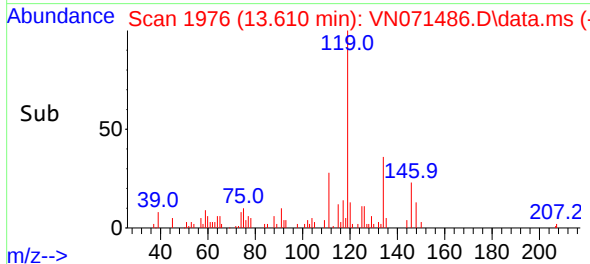
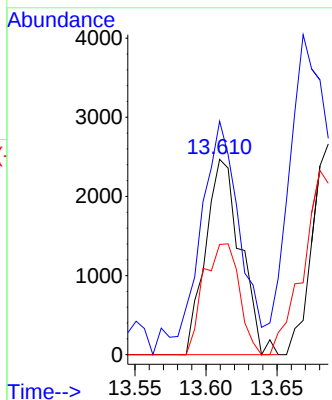
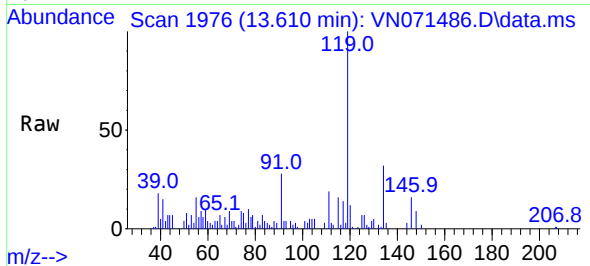




#87
1,3-Dichlorobenzene
Concen: 0.258 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

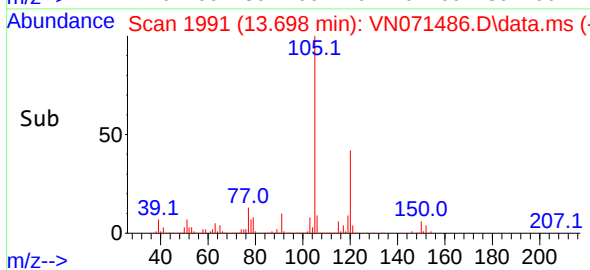
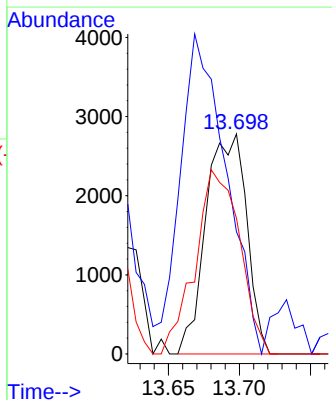
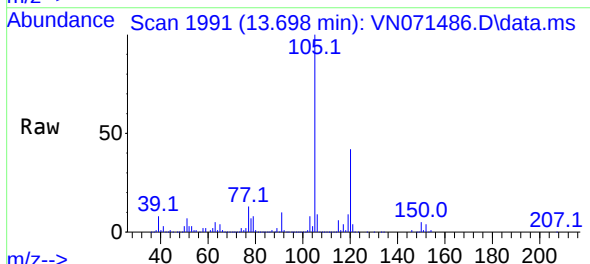
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

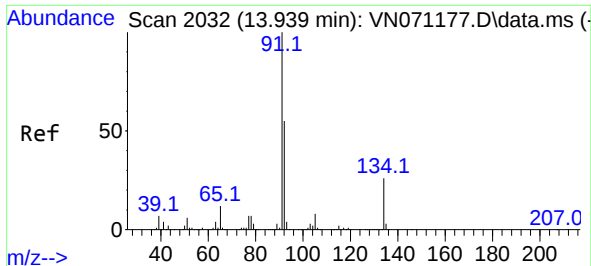
Tgt Ion:146 Resp: 4241
Ion Ratio Lower Upper
146 100
111 135.5 18.6 55.6#
148 57.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.345 ug/l
RT: 13.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:146 Resp: 5533
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 0.0 31.8 95.4#

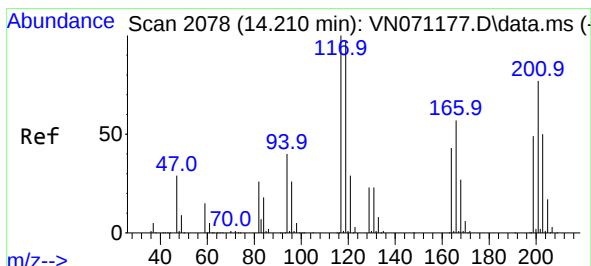
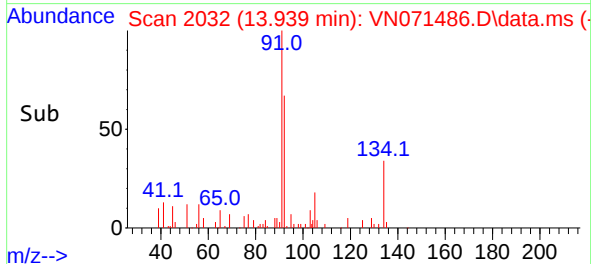
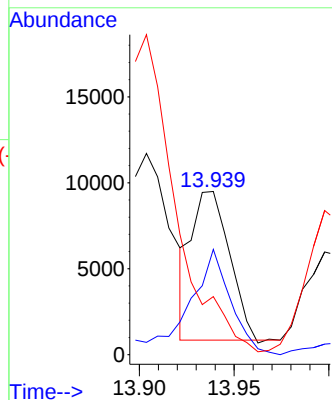
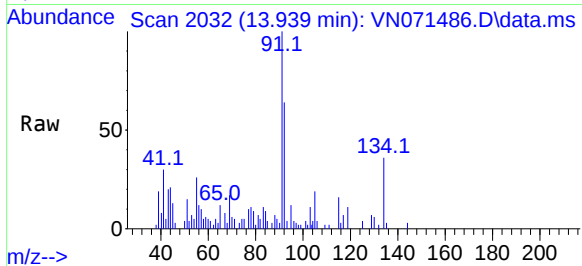




#89
n-Butylbenzene
Concen: 0.487 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

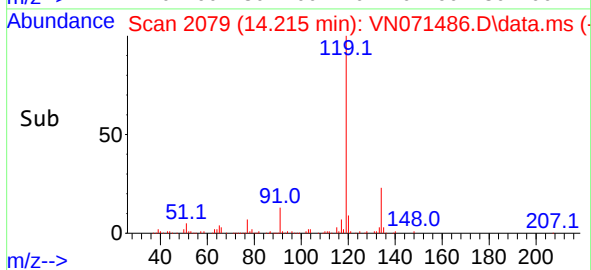
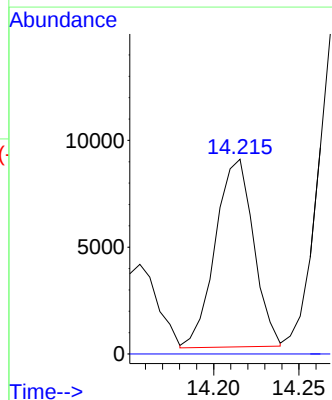
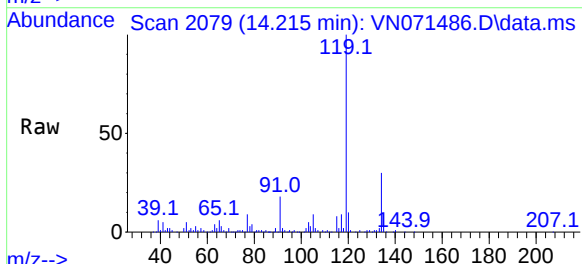
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

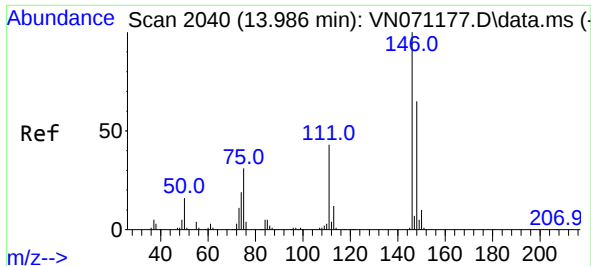
Tgt Ion: 91 Resp: 11973
Ion Ratio Lower Upper
91 100
92 75.7 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.193 ug/l
RT: 14.215 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 117 Resp: 13718
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.743 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

C-21-21-23

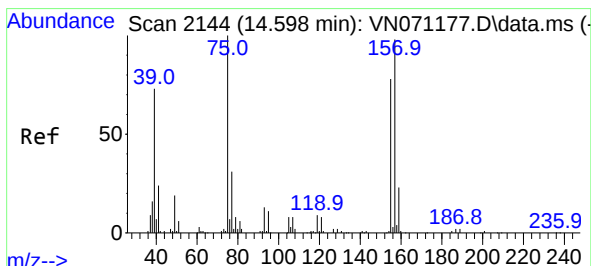
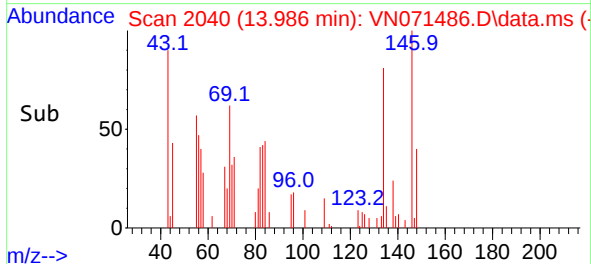
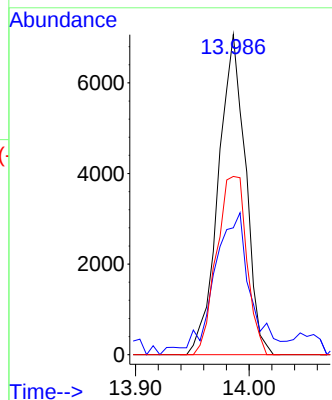
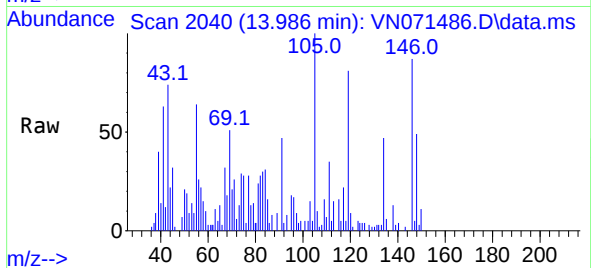
Tgt Ion:146 Resp: 11732

Ion Ratio Lower Upper

146 100

111 59.5 19.1 57.3#

148 61.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.211 ug/l

RT: 14.574 min Scan# 2140

Delta R.T. -0.024 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

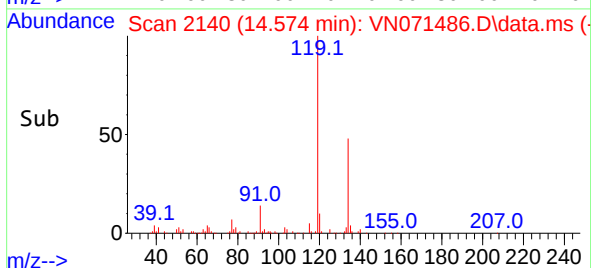
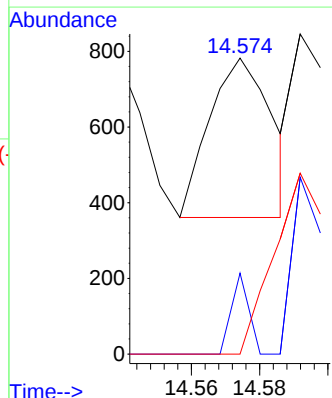
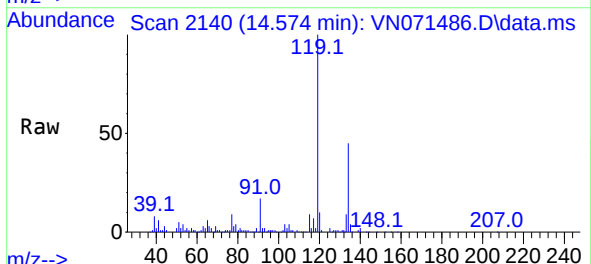
Tgt Ion: 75 Resp: 533

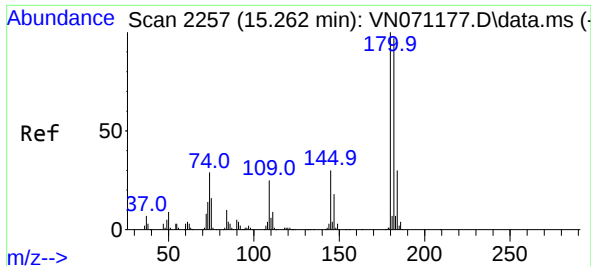
Ion Ratio Lower Upper

75 100

155 14.3 46.9 140.7#

157 0.0 60.6 181.7#

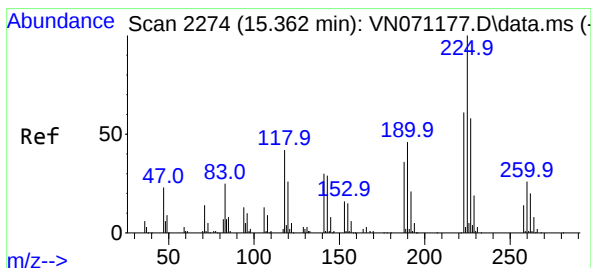
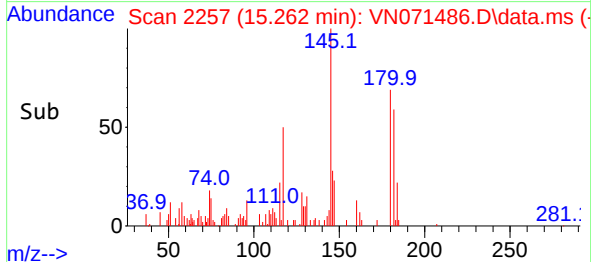
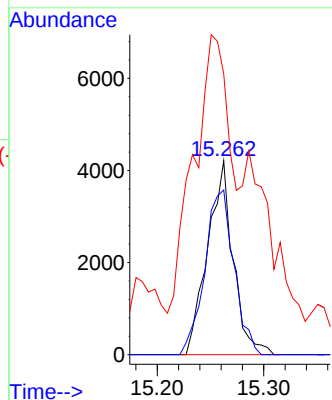
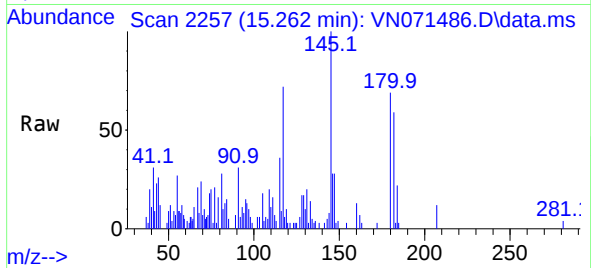




#93
1,2,4-Trichlorobenzene
Concen: 3.884 ug/l
RT: 15.262 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

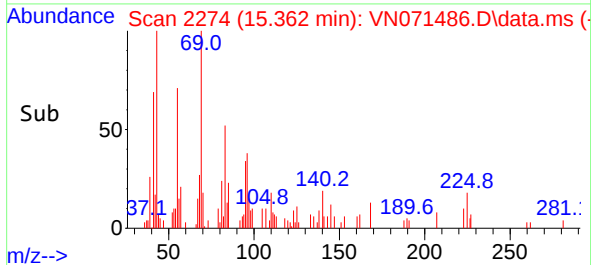
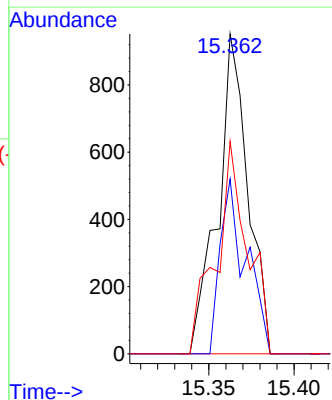
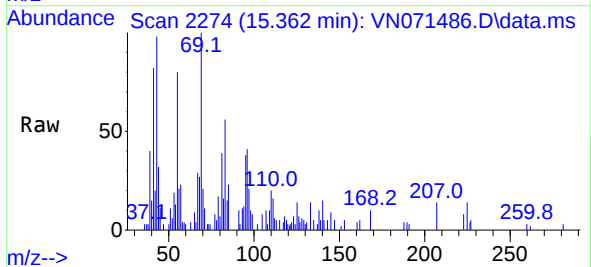
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

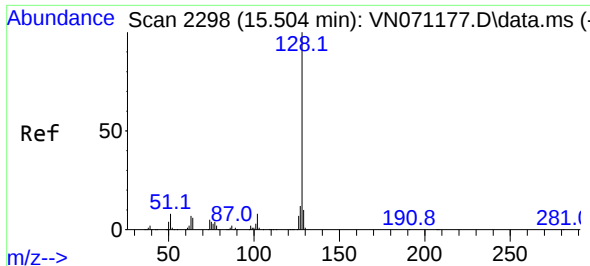
Tgt Ion:180 Resp: 7016
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.9
145 200.5 14.5 43.5#



#94
Hexachlorobutadiene
Concen: 0.265 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:225 Resp: 1173
Ion Ratio Lower Upper
225 100
223 46.8 31.9 95.7
227 69.3 32.1 96.3

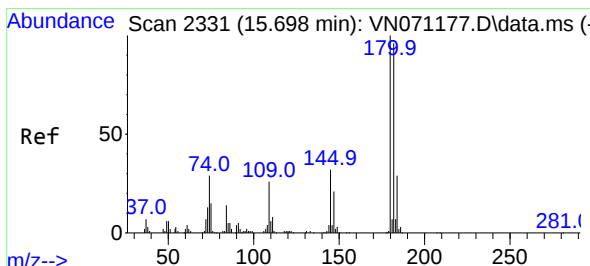
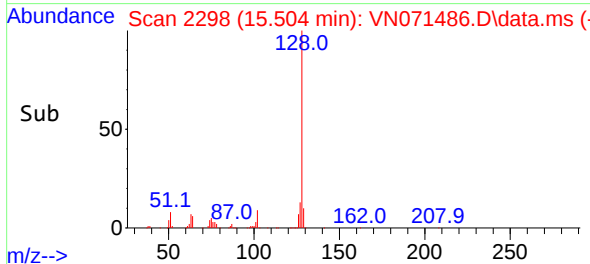
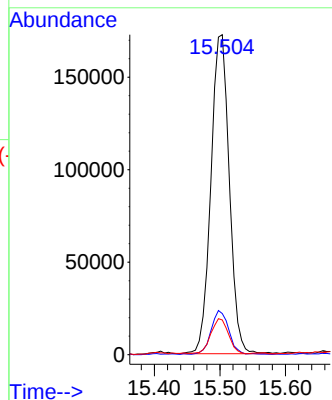
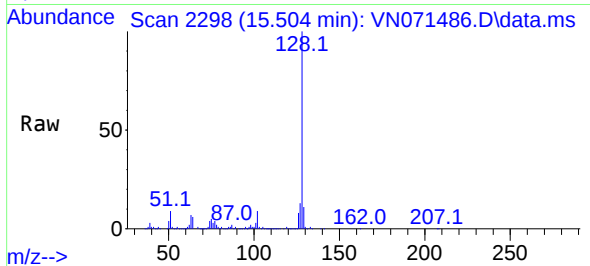




#95
Naphthalene
Concen: 19.706 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

Tgt Ion:128 Resp: 335819
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.901 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:180 Resp: 8728
Ion Ratio Lower Upper
180 100
182 91.3 47.4 142.2
145 97.3 15.0 45.1#

