

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072462.D
 Acq On : 12 May 2022 18:57
 Operator : JC\MD
 Sample : N2800-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051022

Quant Time: May 13 02:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	216271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	346638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	317322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	144725	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	170375	51.433	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.860%	
35) Dibromofluoromethane	8.016	113	117984	51.160	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.320%	
50) Toluene-d8	10.439	98	443820	50.531	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.727	95	159513	54.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.380%	

Target Compounds			Qvalue			
3) Chloromethane	2.299	50	1028	Below Cal	#	43
5) Bromomethane	2.851	94	279	0.204	ug/l #	2
6) Chloroethane	2.981	64	448	Below Cal	#	42
10) Methyl Iodide	4.416	142	655	0.213	ug/l #	66
13) Acrolein	3.987	56	3656	6.899	ug/l #	1
14) Allyl chloride	4.940	41	31935	7.881	ug/l #	24
15) Acrylonitrile	5.616	53	28066	19.069	ug/l #	33
16) Acetone	4.257	43	89626	68.319	ug/l #	52
18) Methyl Acetate	4.922	43	17820	4.614	ug/l #	48
20) Methylene Chloride	4.963	84	11005	4.091	ug/l #	16
23) Vinyl Acetate	6.404	43	5193	0.754	ug/l #	68
25) 2-Butanone	7.333	43	14632	7.067	ug/l #	75
26) 2,2-Dichloropropane	7.139	77	6709	1.718	ug/l #	53
30) Chloroform	7.816	83	4620	0.977	ug/l #	73
31) Cyclohexane	8.092	56	288659	65.763	ug/l	92
36) 1,1-Dichloropropene	8.086	75	17573	5.305	ug/l #	75
37) Ethyl Acetate	7.333	43	14632	3.682	ug/l #	67
38) Carbon Tetrachloride	8.086	117	22828	6.158	ug/l #	16
39) Methylcyclohexane	9.457	83	223026	59.911	ug/l	95
40) Benzene	8.463	78	24611	2.487	ug/l #	83
41) Methacrylonitrile	7.557	41	2264	1.151	ug/l #	56
43) Isopropyl Acetate	8.551	43	43474	7.122	ug/l #	53
45) 1,2-Dichloropropane	9.457	63	1926	0.762	ug/l #	1
47) Bromodichloromethane	9.633	83	4669	1.302	ug/l #	26
48) Methyl methacrylate	9.633	41	31659	11.116	ug/l #	73
51) 4-Methyl-2-Pentanone	10.327	43	14004	3.695	ug/l	94
52) Toluene	10.504	92	527162	86.400	ug/l	99
53) t-1,3-Dichloropropene	10.510	75	7084	1.940	ug/l #	1
55) 1,1,2-Trichloroethane	10.869	97	18929	7.447	ug/l #	19
56) Ethyl methacrylate	10.774	69	2597	0.713	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.010	63	636	17.942	ug/l #	44
59) 2-Hexanone	11.204	43	6754	2.541	ug/l	93
65) Chlorobenzene	11.957	112	1756	0.271	ug/l #	43
67) Ethyl Benzene	11.839	91	2664498	238.203	ug/l	99
68) m/p-Xylenes	11.945	106	2483653	585.428	ug/l	91
69) o-Xylene	12.274	106	1250117	299.907	ug/l	93

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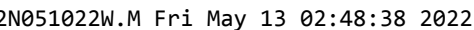
Quant Time: May 13 02:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
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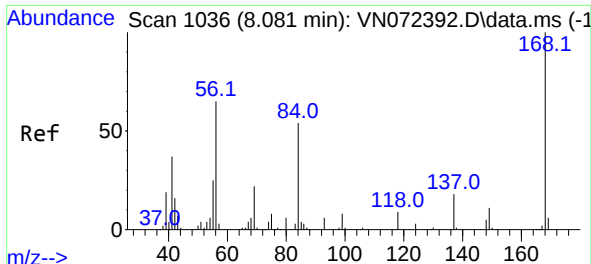
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.274	104	81847	12.835	ug/l #	1
71) Bromoform	12.721	173	950	0.496	ug/l #	28
73) Isopropylbenzene	12.574	105	296453	24.726	ug/l	99
74) N-amyl acetate	12.398	43	929	0.219	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.839	83	1609	0.370	ug/l #	25
76) 1,2,3-Trichloropropane	12.915	75	4611	1.222	ug/l #	1
78) n-propylbenzene	12.915	91	656933	51.205	ug/l	97
79) 2-Chlorotoluene	13.010	91	106885	12.682	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.057	105	838168	85.359	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.568	75	3886	3.434	ug/l #	47
82) 4-Chlorotoluene	13.051	91	93353	11.688	ug/l #	40
83) tert-Butylbenzene	13.363	119	343429	39.951	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.363	105	2881969	301.713	ug/l	96
85) sec-Butylbenzene	13.363	105	2881969	251.387	ug/l #	56
86) p-Isopropyltoluene	13.557	119	50920	5.702	ug/l	96
89) n-Butylbenzene	13.939	91	57983	8.494	ug/l #	72
90) Hexachloroethane	14.210	117	42316	23.713	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.615	75	309	0.408	ug/l #	1
95) Naphthalene	15.498	128	681955	95.503	ug/l	100

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

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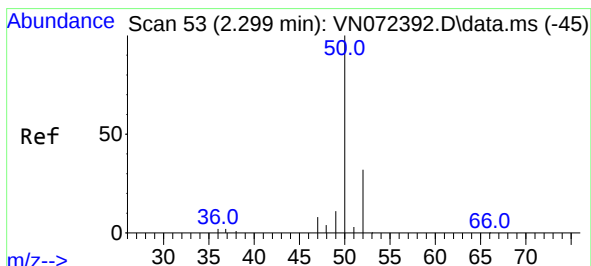
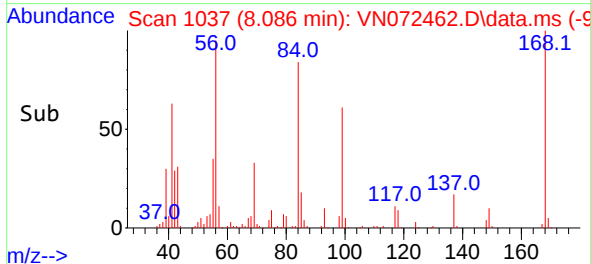
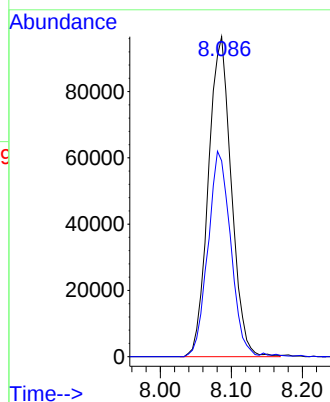
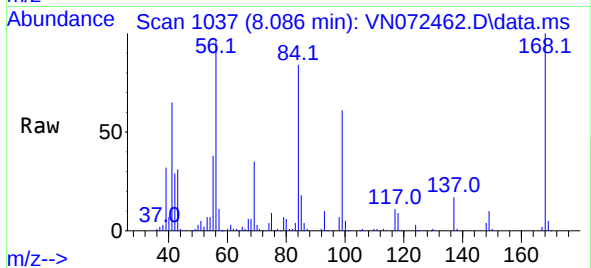




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

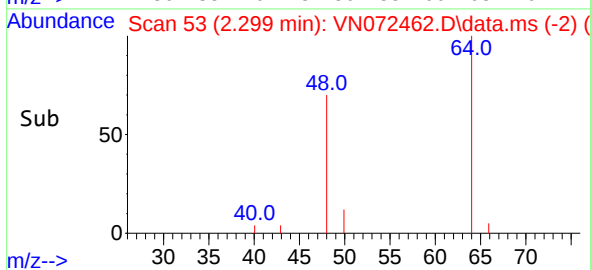
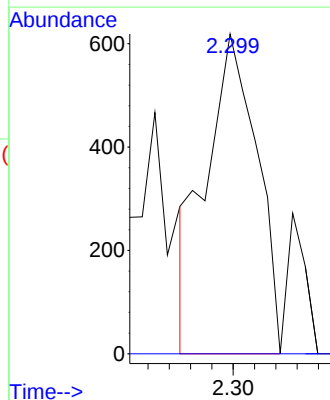
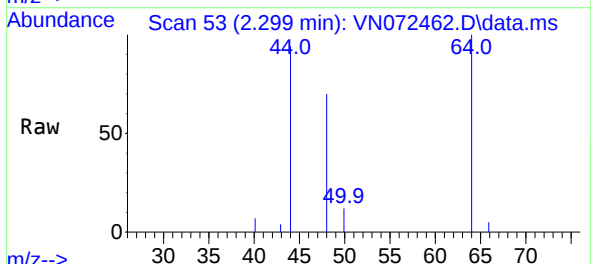
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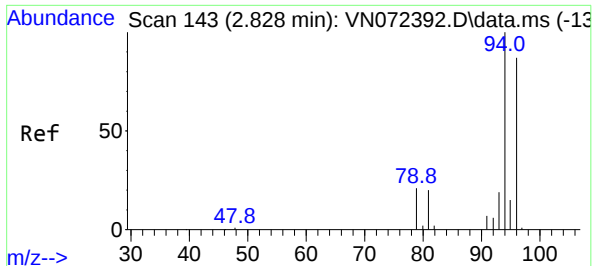
Tgt Ion:168 Resp: 216271
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 50 Resp: 1028
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

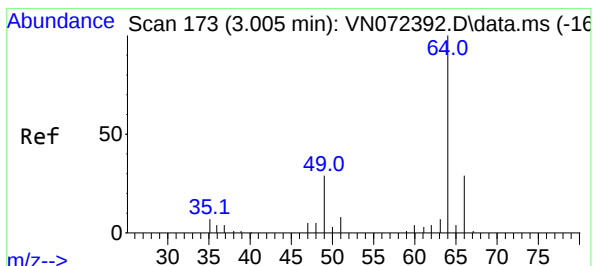
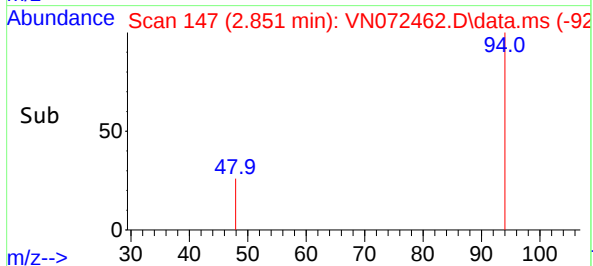
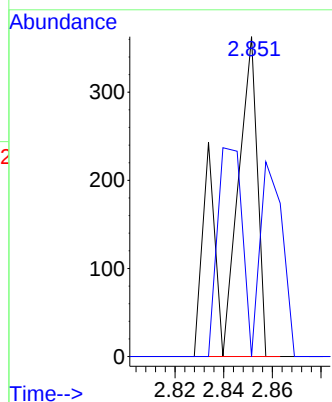
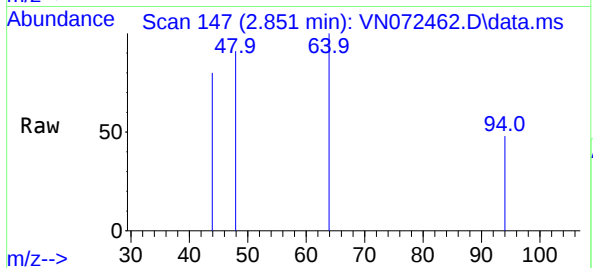




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.851 min Scan# 147
Delta R.T. 0.023 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

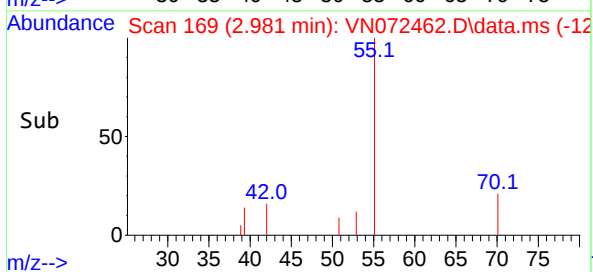
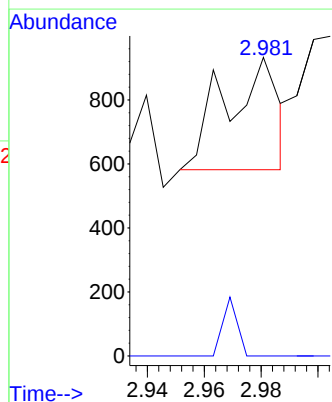
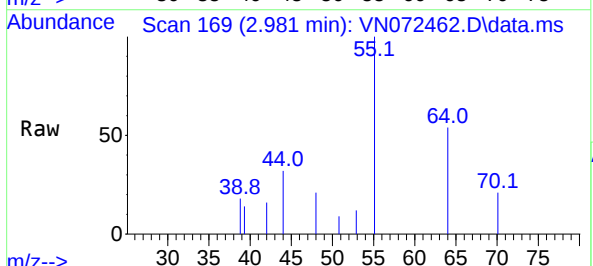
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MSVOA_N
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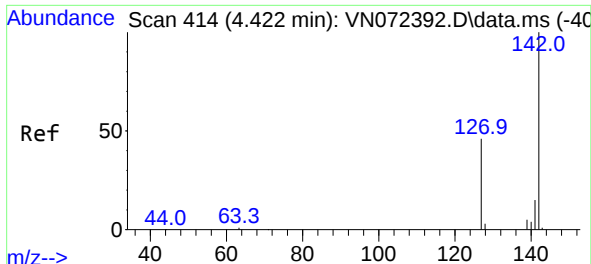
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.981 min Scan# 169
Delta R.T. -0.024 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

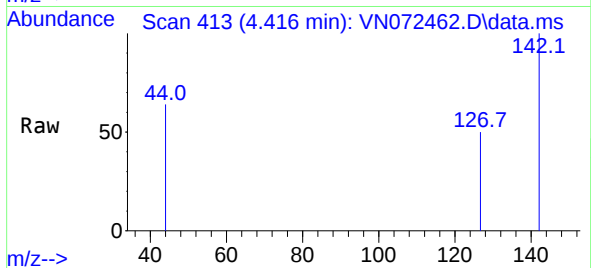
Tgt Ion: 64 Resp: 448
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



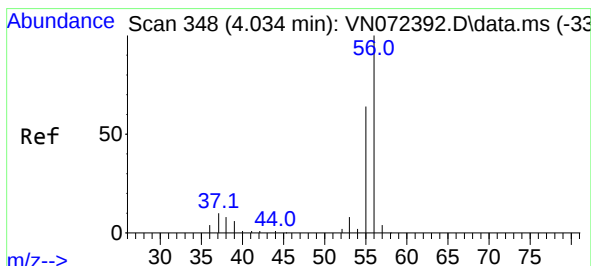
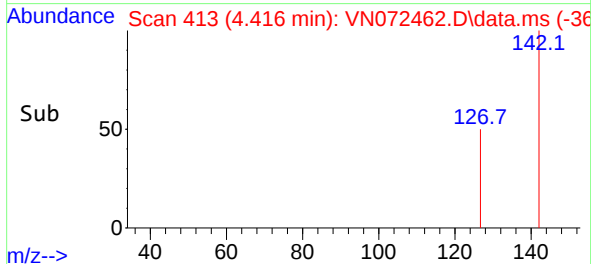
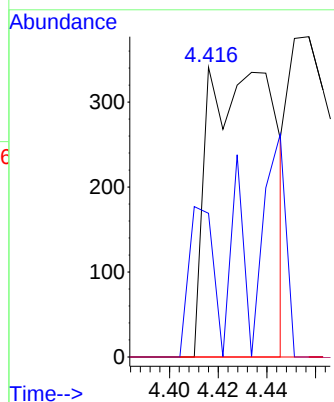


#10
Methyl Iodide
Concen: 0.213 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
DUP051022

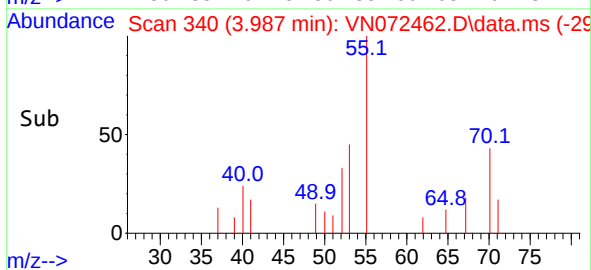
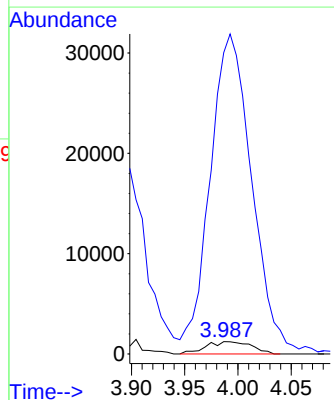
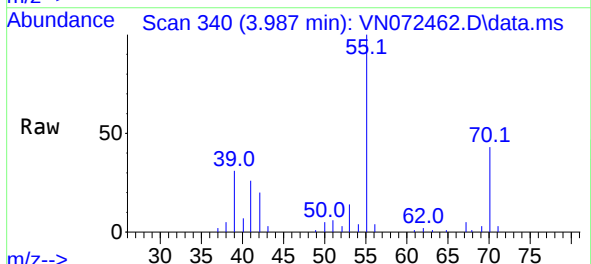


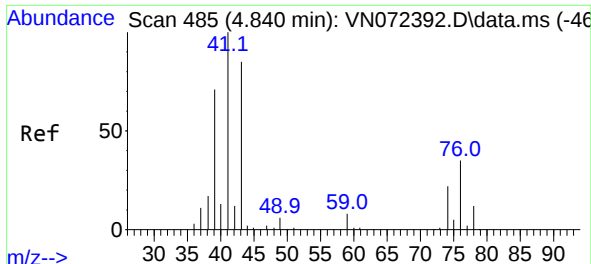
Tgt Ion:142 Resp: 655
Ion Ratio Lower Upper
142 100
127 18.6 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 6.899 ug/l
RT: 3.987 min Scan# 340
Delta R.T. -0.047 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 56 Resp: 3656
Ion Ratio Lower Upper
56 100
55 2398.1 54.8 82.2#

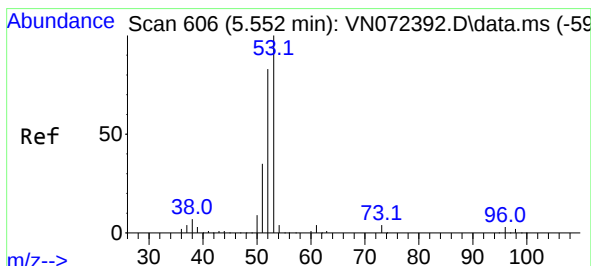
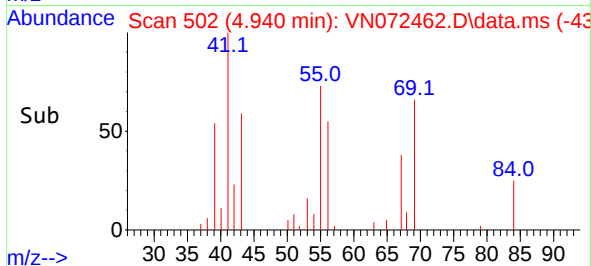
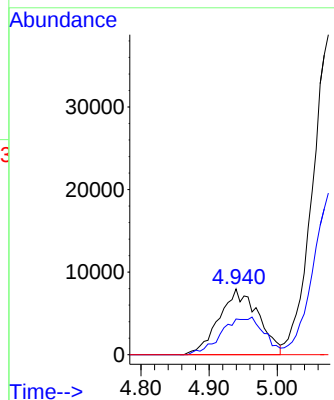
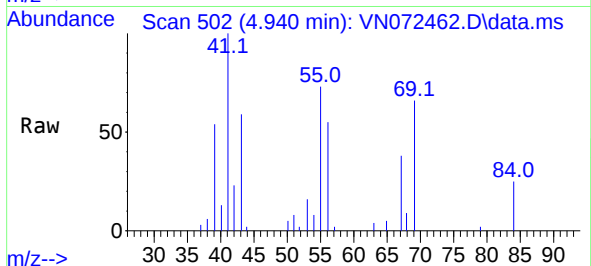




#14
 Allyl chloride
 Concen: 7.881 ug/l
 RT: 4.940 min Scan# 50
 Delta R.T. 0.100 min
 Lab File: VN072462.D
 Acq: 12 May 2022 18:57

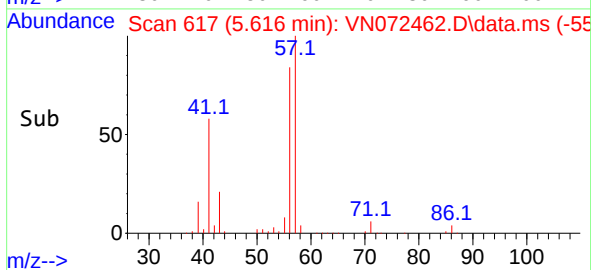
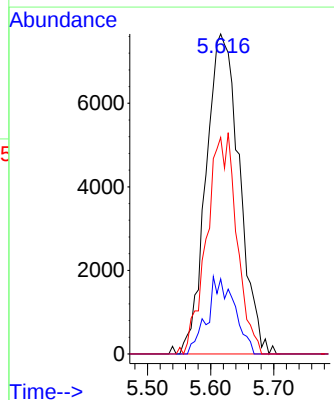
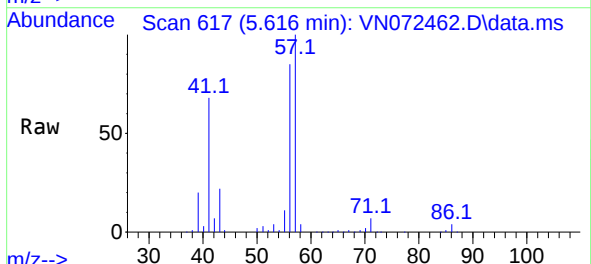
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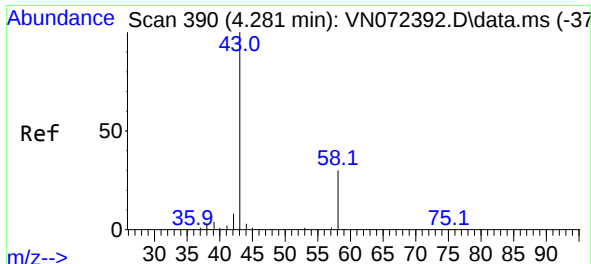
Tgt Ion: 41 Resp: 31935
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 19.069 ug/l
 RT: 5.616 min Scan# 617
 Delta R.T. 0.064 min
 Lab File: VN072462.D
 Acq: 12 May 2022 18:57

Tgt Ion: 53 Resp: 28066
 Ion Ratio Lower Upper
 53 100
 52 19.7 66.4 99.6#
 51 0.0 28.5 42.7#

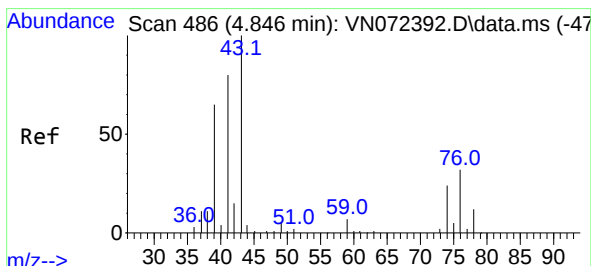
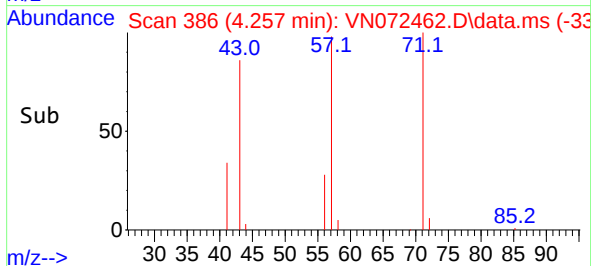
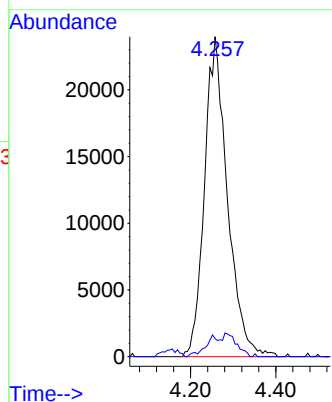
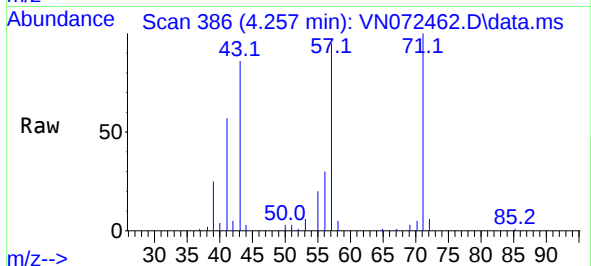




#16
Acetone
Concen: 68.319 ug/l
RT: 4.257 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

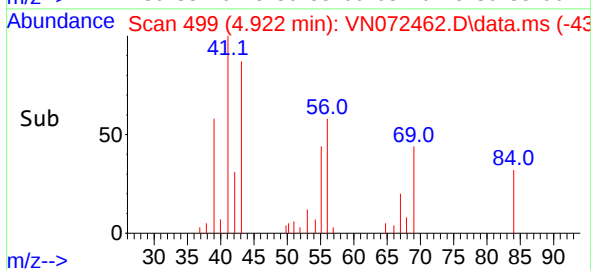
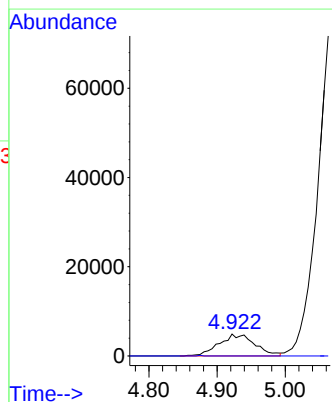
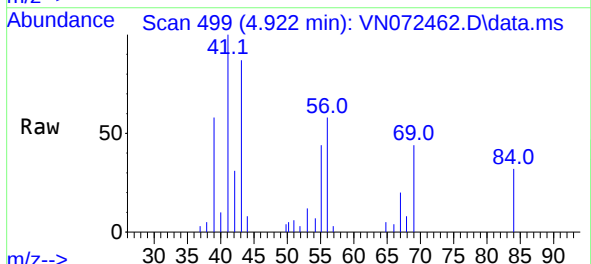
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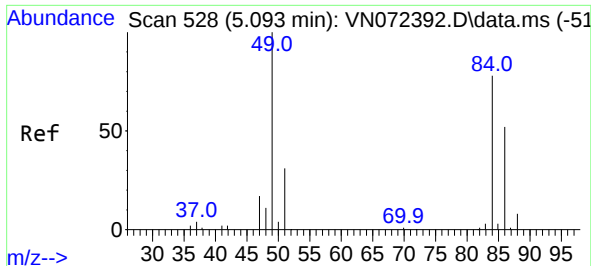
Tgt Ion: 43 Resp: 89626
Ion Ratio Lower Upper
43 100
58 5.6 26.0 39.0#



#18
Methyl Acetate
Concen: 4.614 ug/l
RT: 4.922 min Scan# 499
Delta R.T. 0.076 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 43 Resp: 17820
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

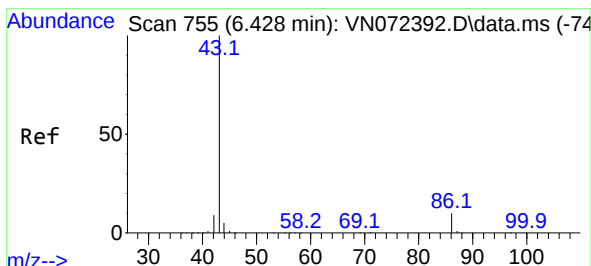
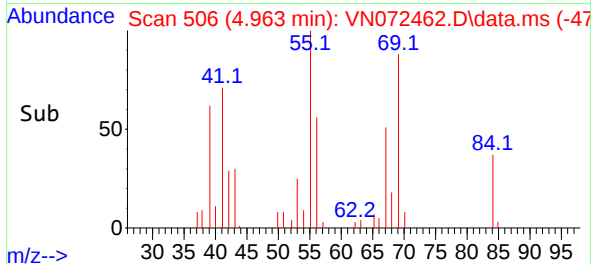
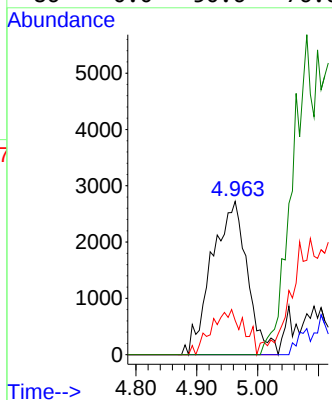
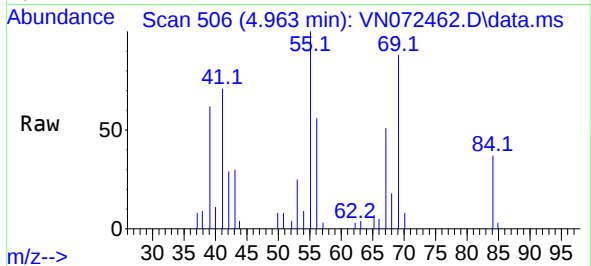




#20
Methylene Chloride
Concen: 4.091 ug/l
RT: 4.963 min Scan# 506
Delta R.T. -0.130 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

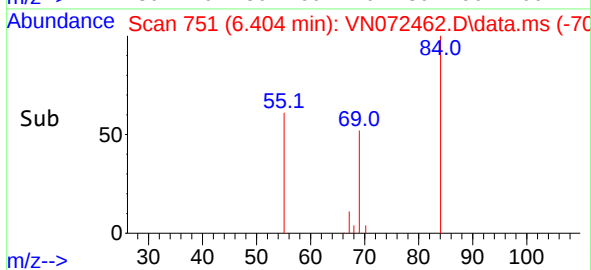
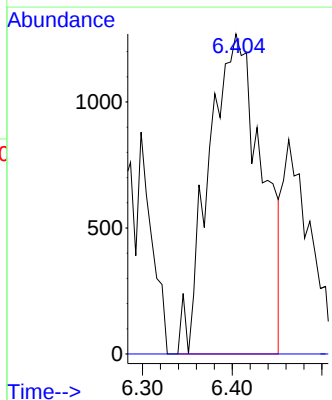
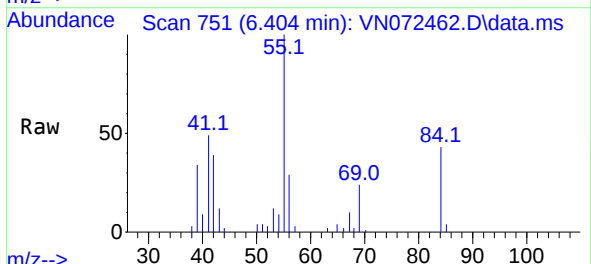
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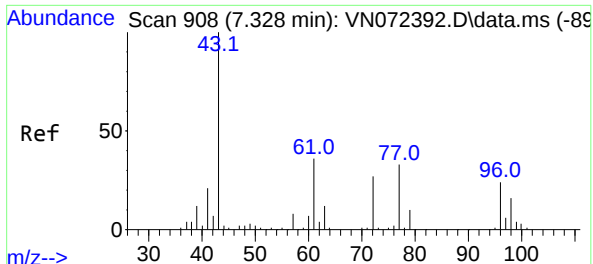
Tgt Ion: 84	Resp: 11005
Ion Ratio	Lower Upper
84 100	
49 0.0	88.3 132.5#
51 22.3	28.2 42.2#
86 0.0	50.6 76.0#



#23
Vinyl Acetate
Concen: 0.754 ug/l
RT: 6.404 min Scan# 751
Delta R.T. -0.024 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 43	Resp: 5193		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	





#25

2-Butanone

Concen: 7.067 ug/l

RT: 7.333 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

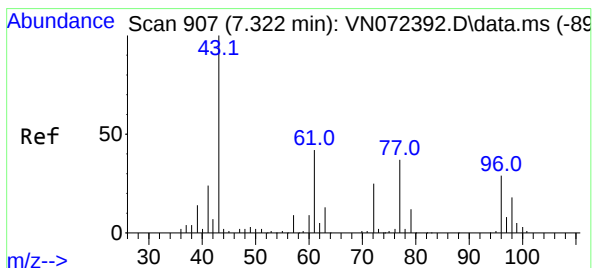
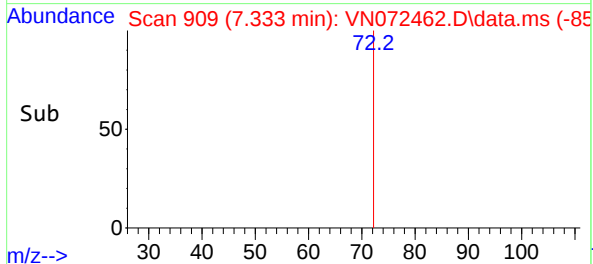
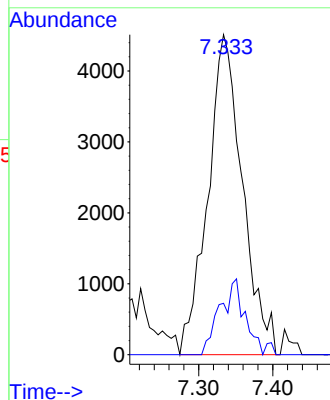
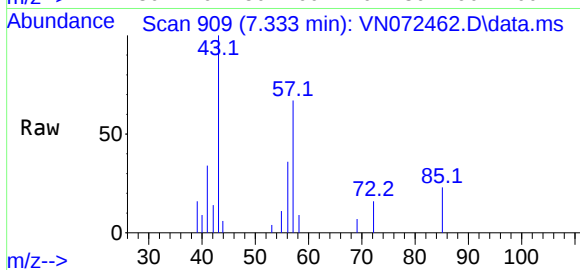
DUP051022

Tgt Ion: 43 Resp: 14632

Ion Ratio Lower Upper

43 100

72 16.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 1.718 ug/l

RT: 7.139 min Scan# 876

Delta R.T. -0.183 min

Lab File: VN072462.D

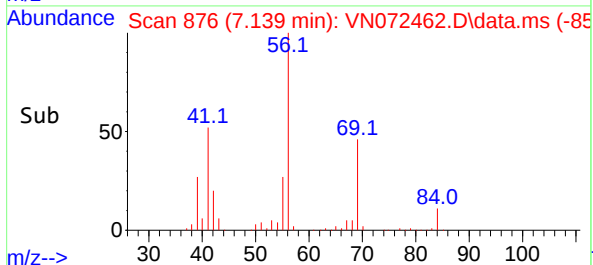
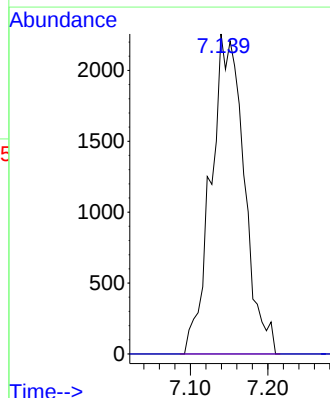
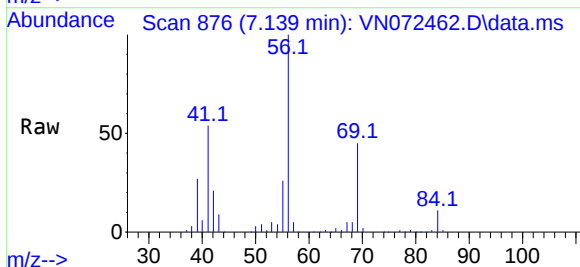
Acq: 12 May 2022 18:57

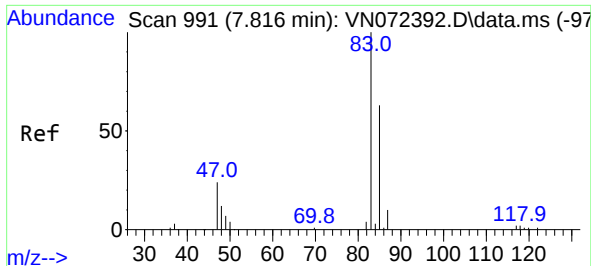
Tgt Ion: 77 Resp: 6709

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

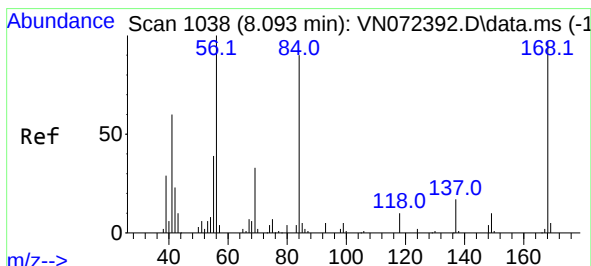
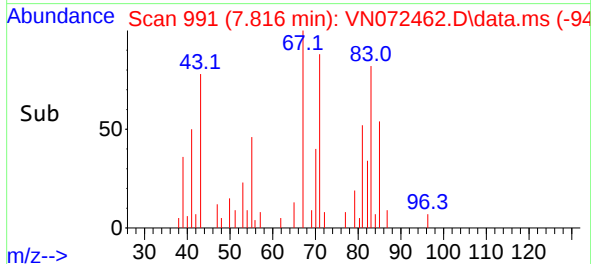
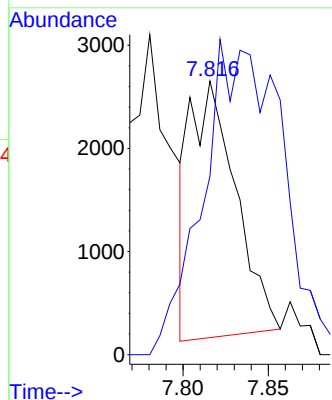
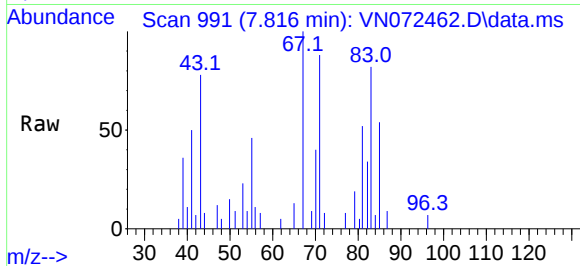




#30
Chloroform
Concen: 0.977 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

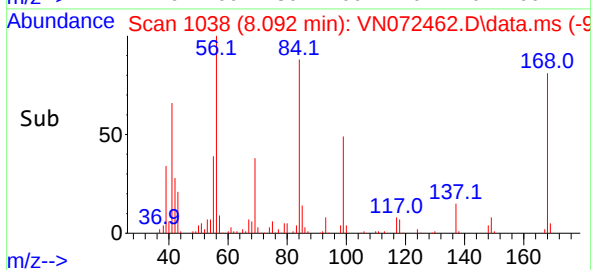
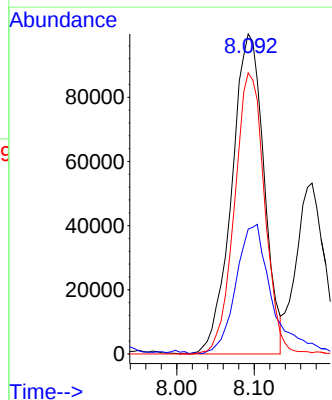
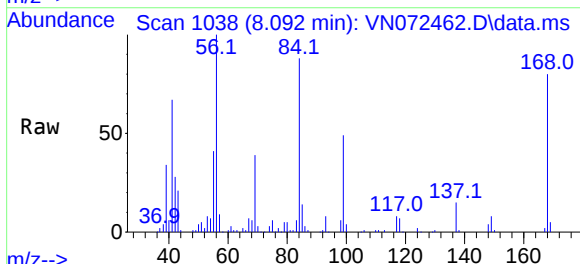
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

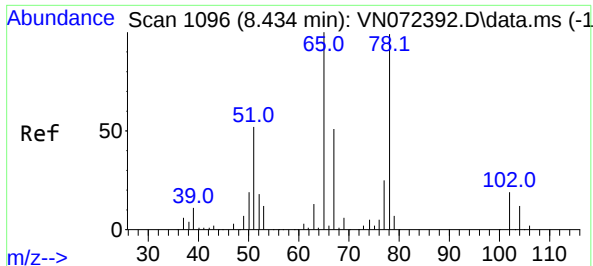
Tgt Ion: 83 Resp: 4620
Ion Ratio Lower Upper
83 100
85 43.6 51.8 77.8#



#31
Cyclohexane
Concen: 65.763 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 56 Resp: 288659
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.8
84 87.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 51.433 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

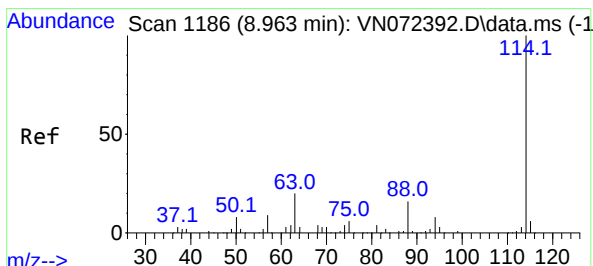
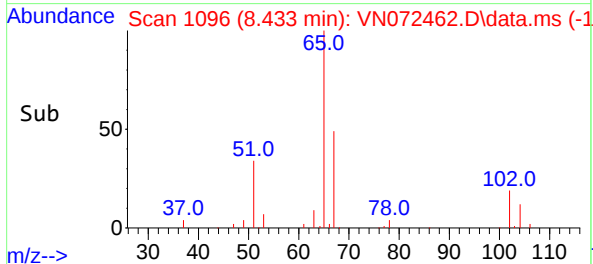
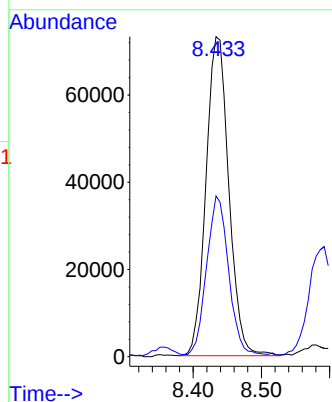
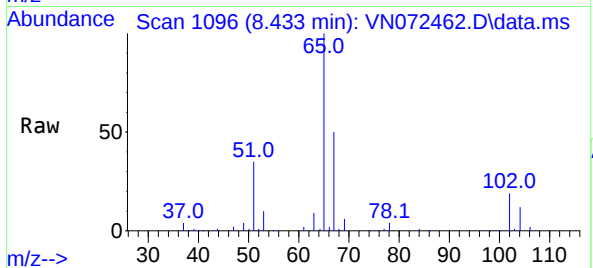
DUP051022

Tgt Ion: 65 Resp: 170375

Ion Ratio Lower Upper

65 100

67 47.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

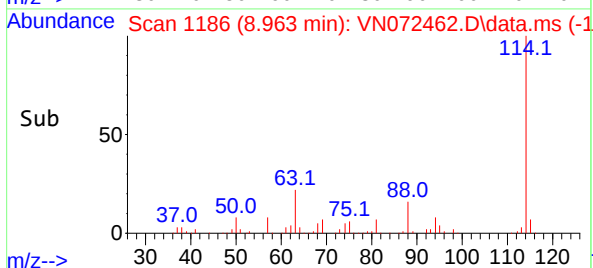
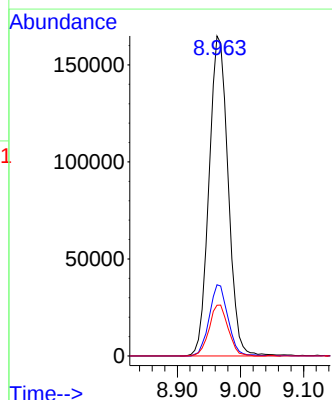
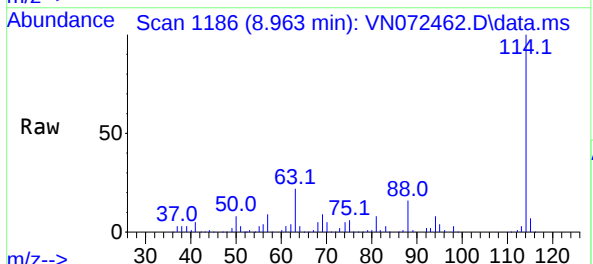
Tgt Ion: 114 Resp: 346638

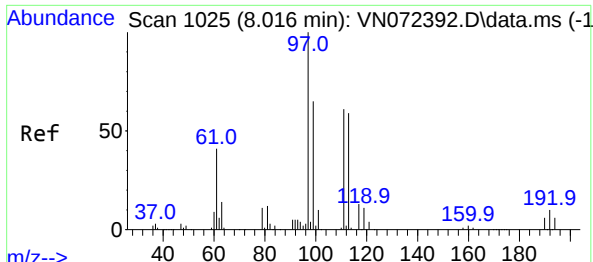
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

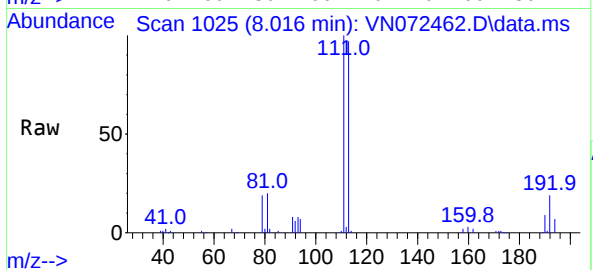
88 15.9 0.0 32.6



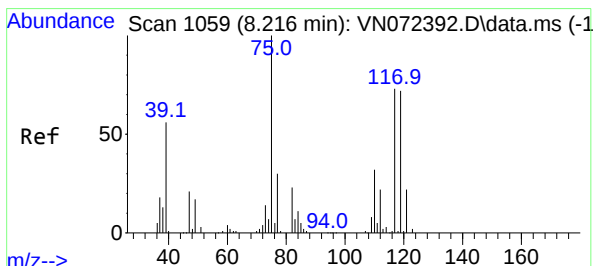
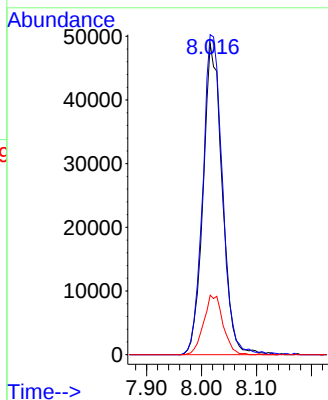
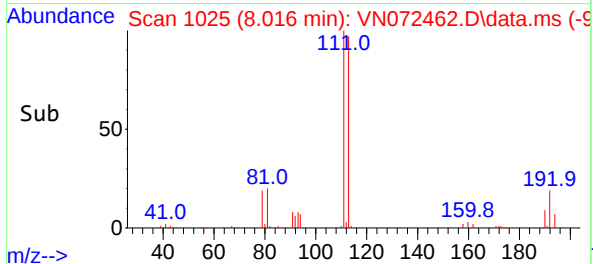


#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

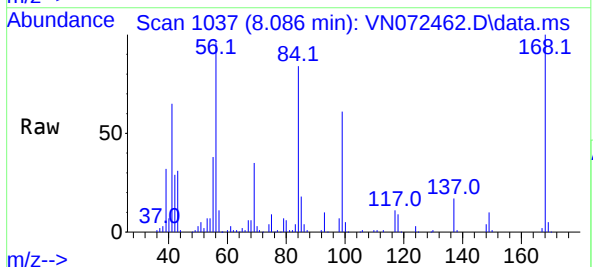
Instrument :
MSVOA_N
ClientSampleId :
DUP051022



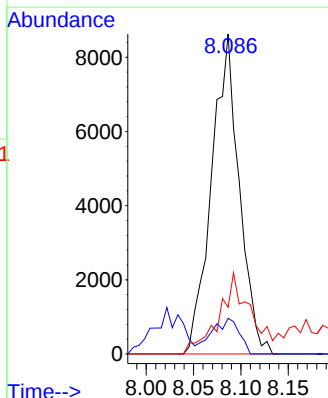
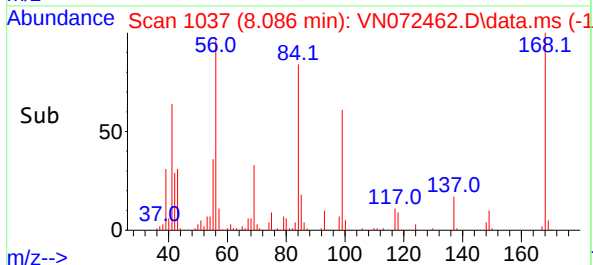
Tgt Ion:113 Resp: 117984
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.0
192 19.4 17.0 25.6

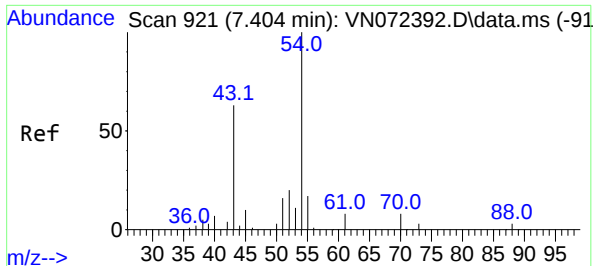


#36
1,1-Dichloropropene
Concen: 5.305 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57



Tgt Ion: 75 Resp: 17573
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 28.6 25.1 37.7

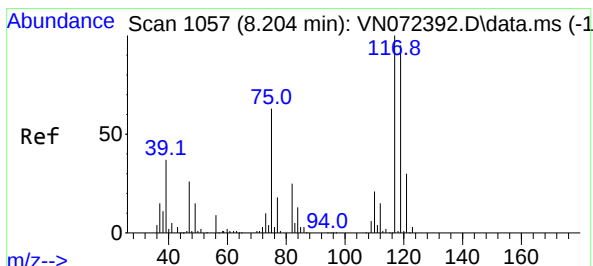
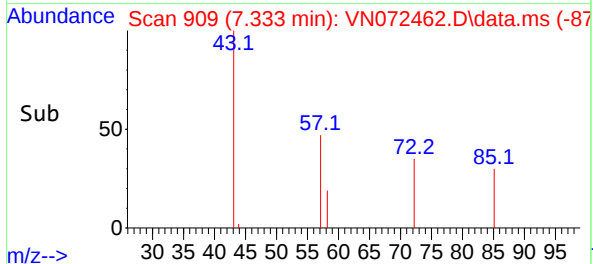
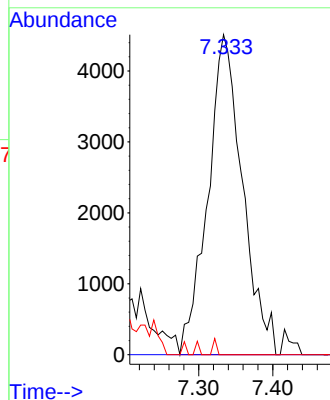
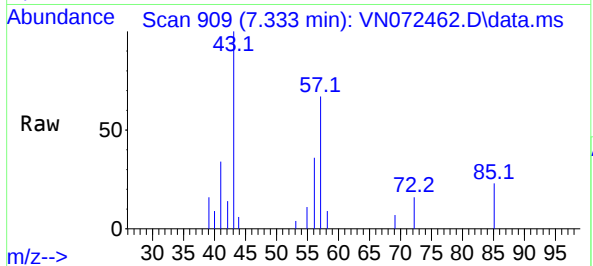




#37
Ethyl Acetate
Concen: 3.682 ug/l
RT: 7.333 min Scan# 90
Delta R.T. -0.071 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

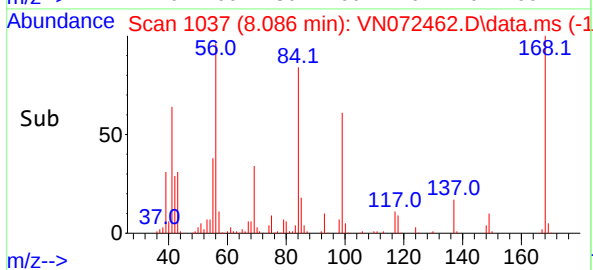
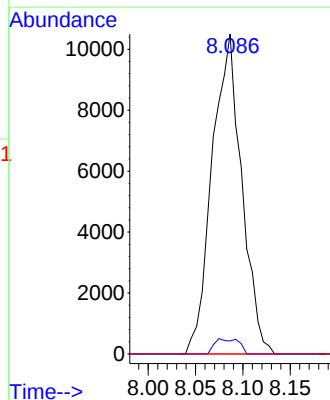
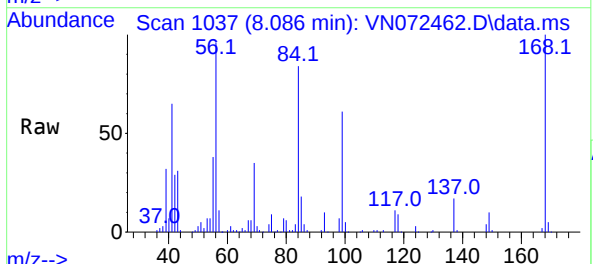
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

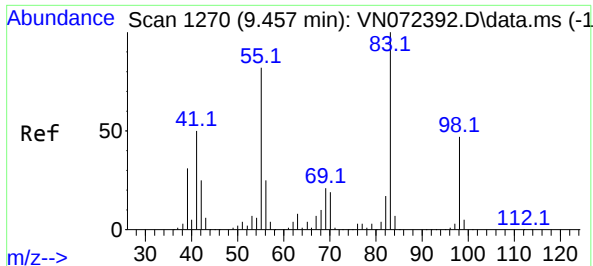
Tgt Ion:	43	Resp:	14632
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#



#38
Carbon Tetrachloride
Concen: 6.158 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:	117	Resp:	22828
Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	24.6	37.0#

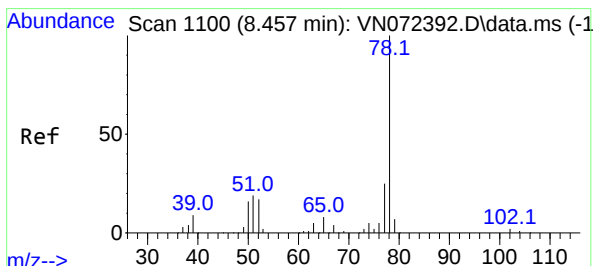
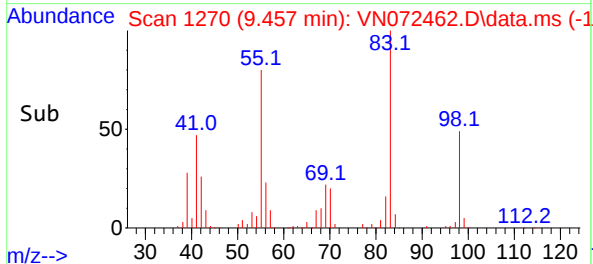
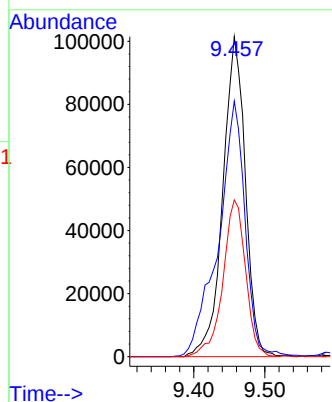
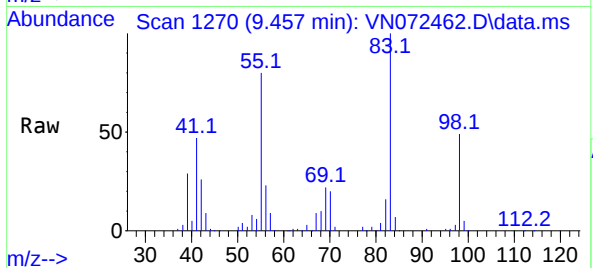




#39
Methylcyclohexane
Concen: 59.911 ug/l
RT: 9.457 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

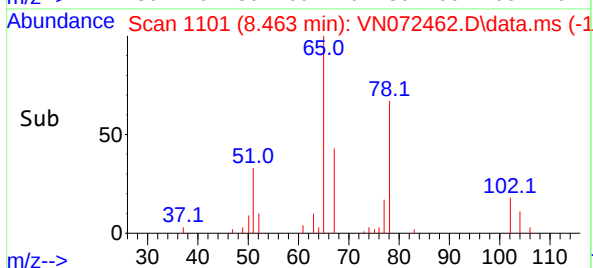
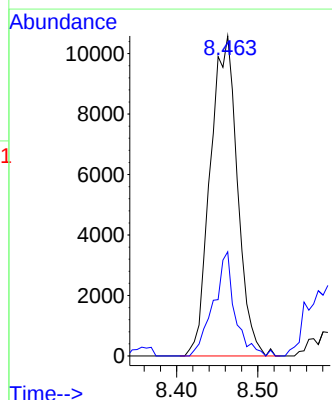
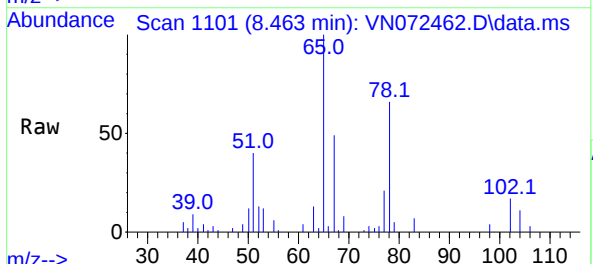
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

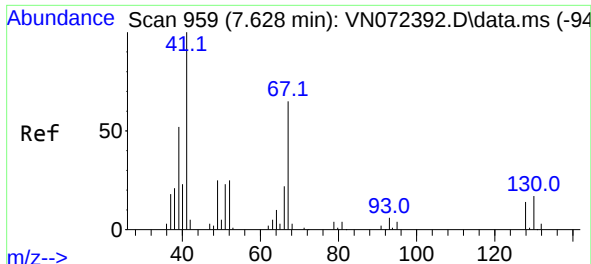
Tgt Ion: 83 Resp: 223026
Ion Ratio Lower Upper
83 100
55 79.5 57.8 86.8
98 49.0 39.4 59.2



#40
Benzene
Concen: 2.487 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

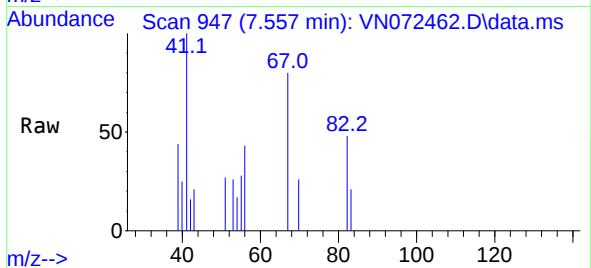
Tgt Ion: 78 Resp: 24611
Ion Ratio Lower Upper
78 100
77 32.6 19.4 29.0#



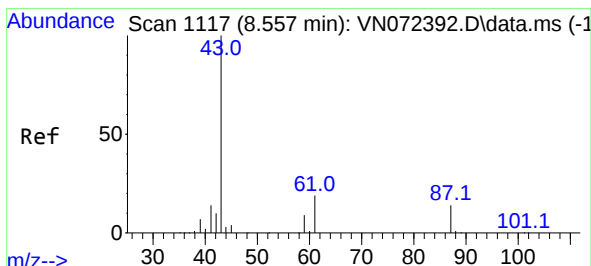
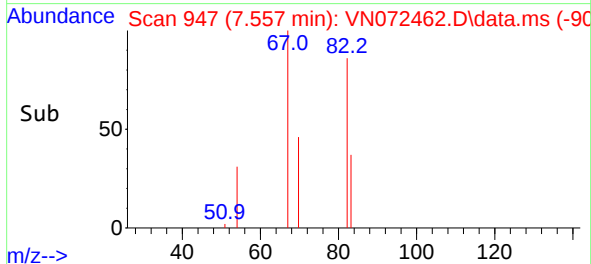
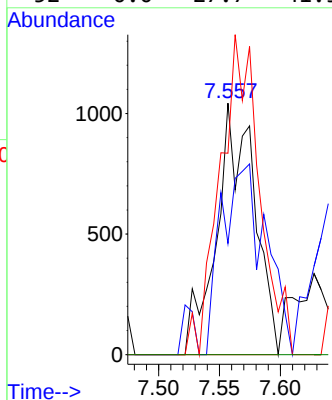


#41
Methacrylonitrile
Concen: 1.151 ug/l
RT: 7.557 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
DUP051022

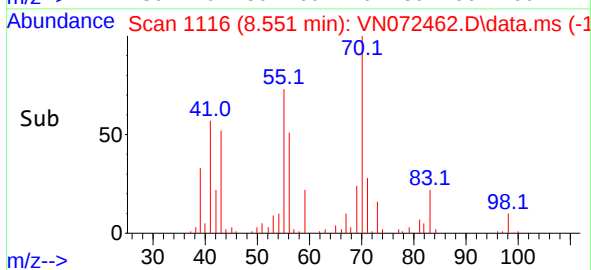
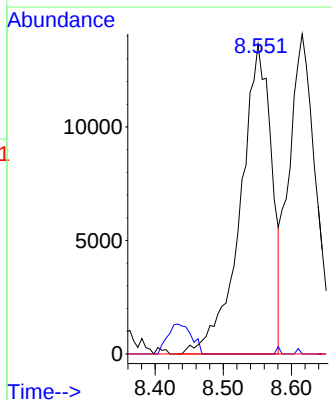
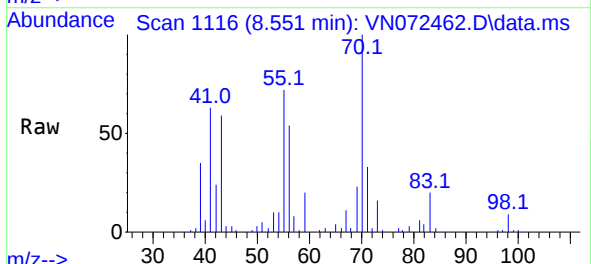


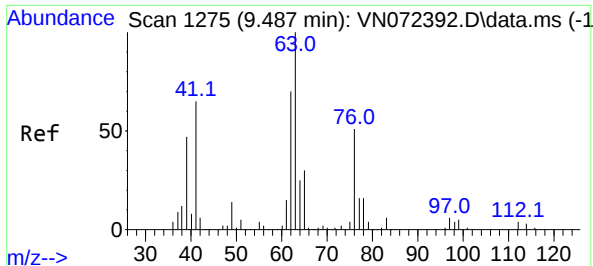
Tgt Ion:	41	Resp:	2264
Ion	Ratio	Lower	Upper
41	100		
39	88.4	48.6	73.0#
67	132.6	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 7.122 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:	43	Resp:	43474
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

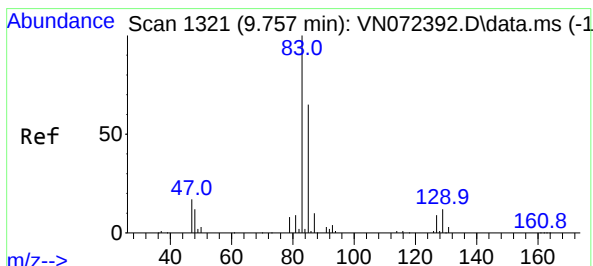
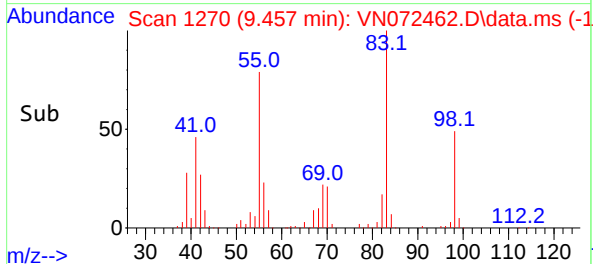
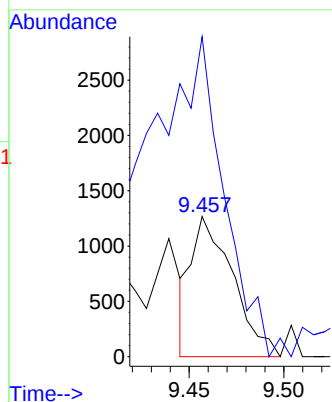
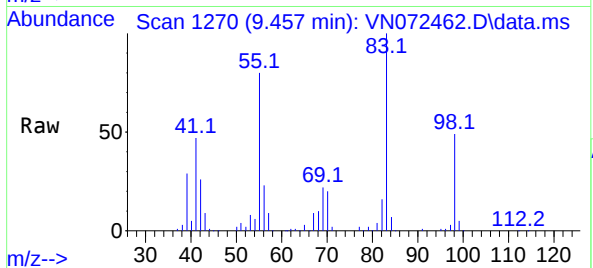




#45
1,2-Dichloropropane
Concen: 0.762 ug/l
RT: 9.457 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

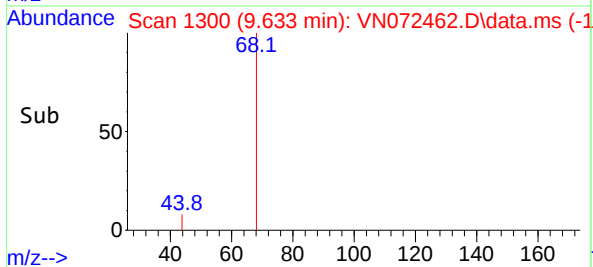
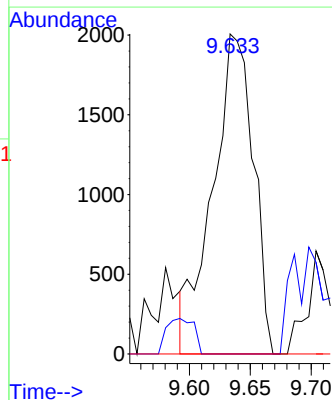
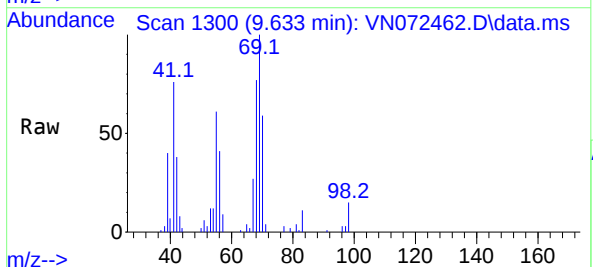
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

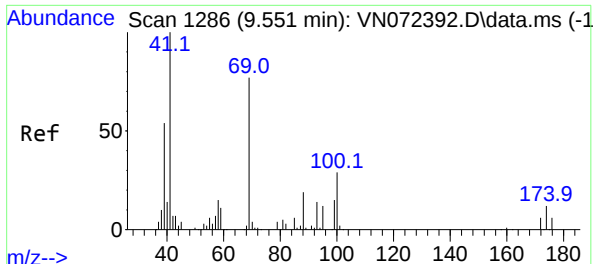
Tgt Ion: 63 Resp: 1926
Ion Ratio Lower Upper
63 100
65 215.2 24.9 37.3#



#47
Bromodichloromethane
Concen: 1.302 ug/l
RT: 9.633 min Scan# 1300
Delta R.T. -0.124 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 83 Resp: 4669
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 11.116 ug/l

RT: 9.633 min Scan# 11

Delta R.T. 0.082 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

DUP051022

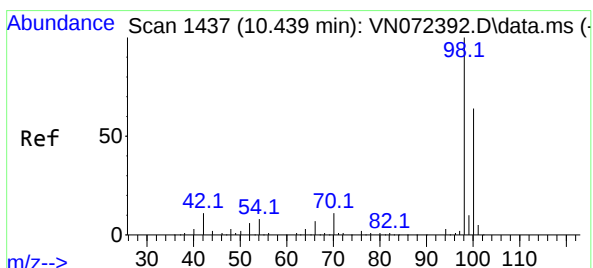
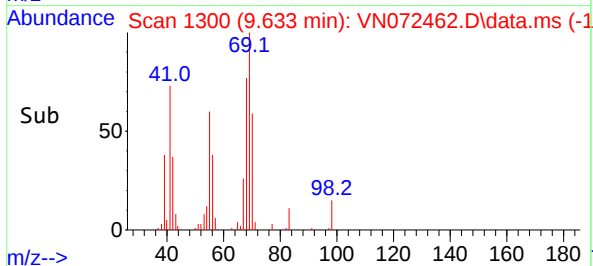
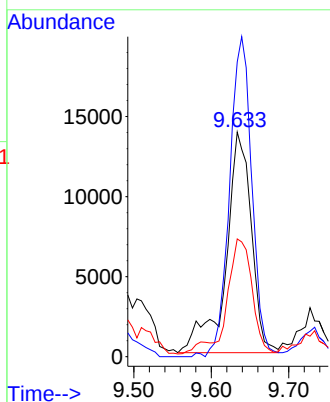
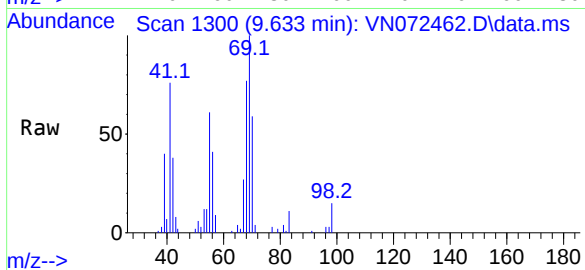
Tgt Ion: 41 Resp: 31659

Ion Ratio Lower Upper

41 100

69 126.6 74.7 112.1#

39 46.7 45.6 68.4



#50

Toluene-d8

Concen: 50.531 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072462.D

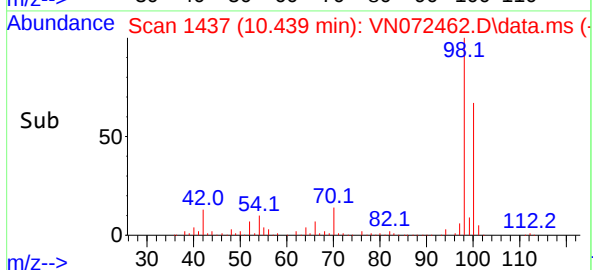
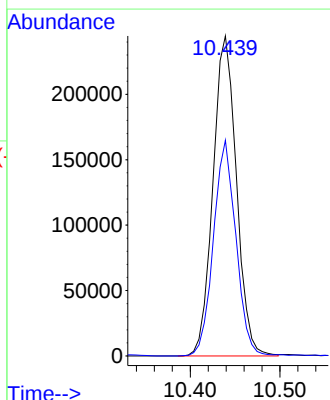
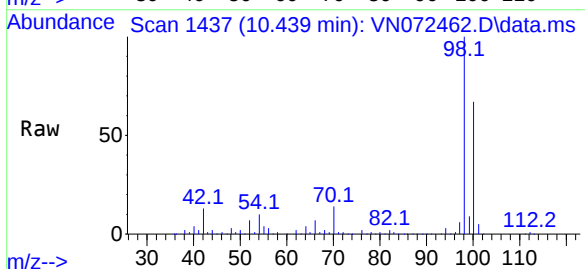
Acq: 12 May 2022 18:57

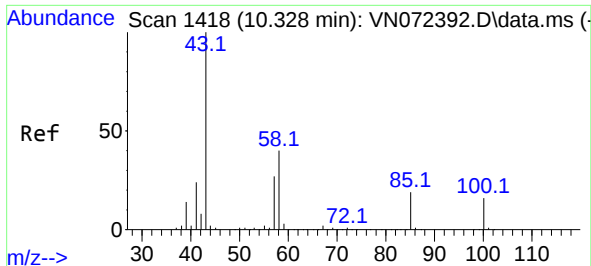
Tgt Ion: 98 Resp: 443820

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

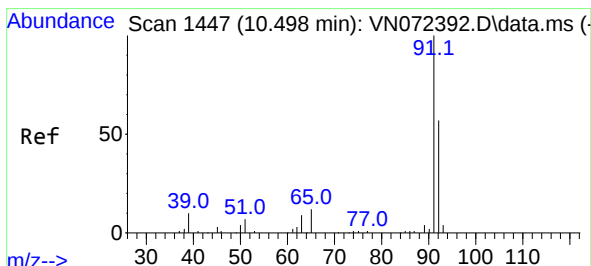
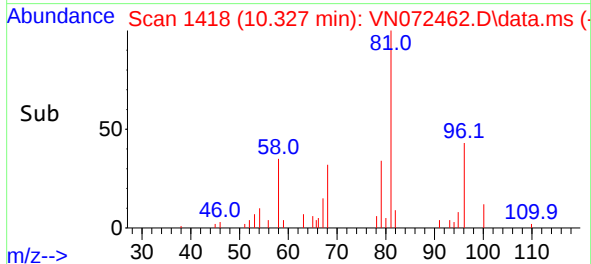
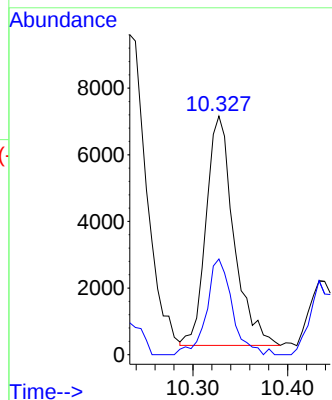
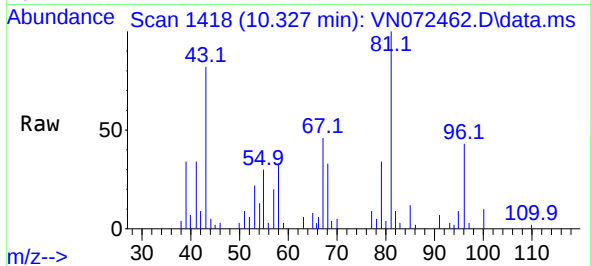




#51
4-Methyl-2-Pentanone
Concen: 3.695 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

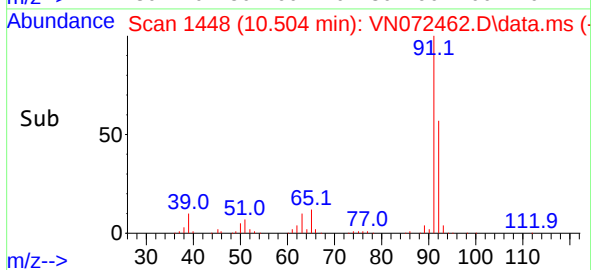
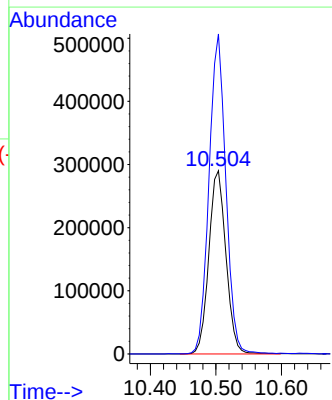
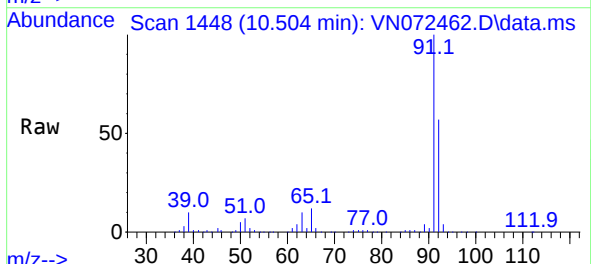
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

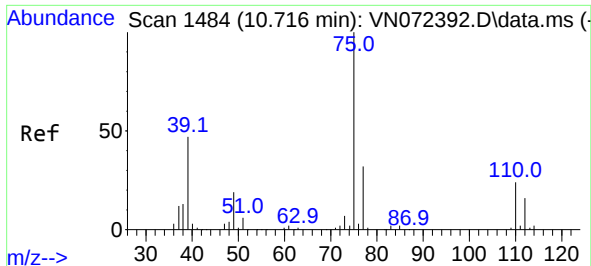
Tgt Ion: 43 Resp: 14004
Ion Ratio Lower Upper
43 100
58 38.5 34.1 51.1



#52
Toluene
Concen: 86.400 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 92 Resp: 527162
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8

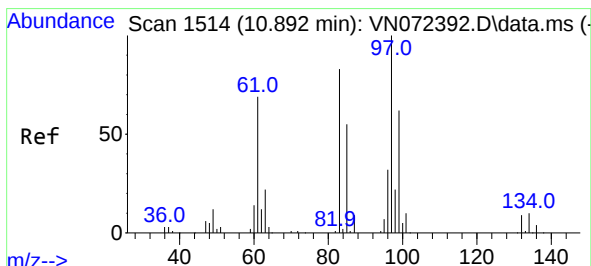
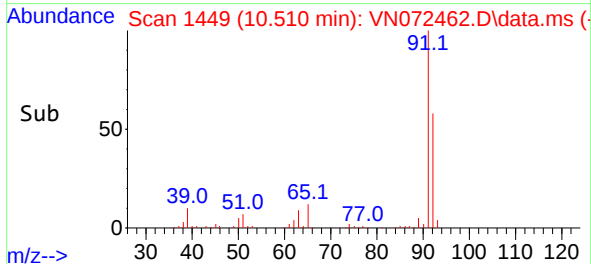
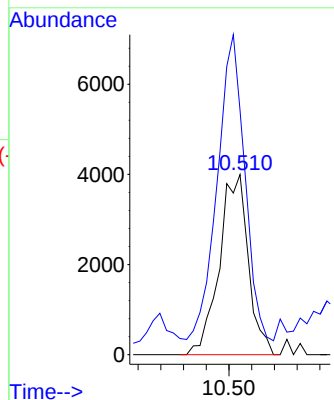
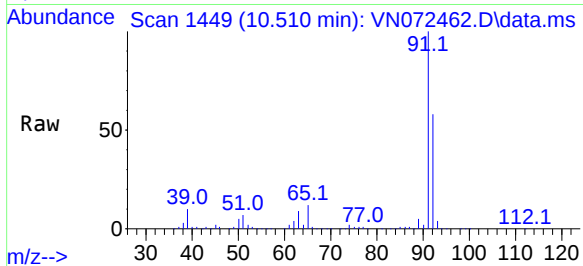




#53
t-1,3-Dichloropropene
Concen: 1.940 ug/l
RT: 10.510 min Scan# 1484
Delta R.T. -0.206 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

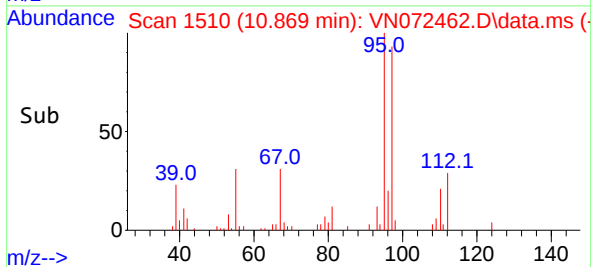
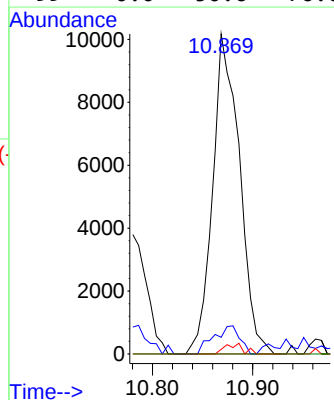
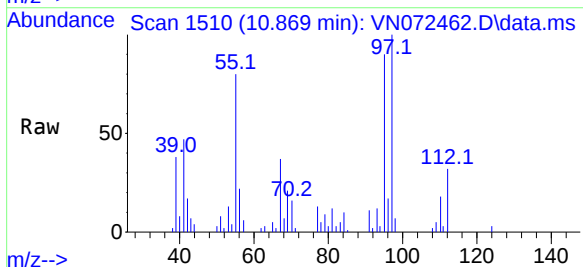
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

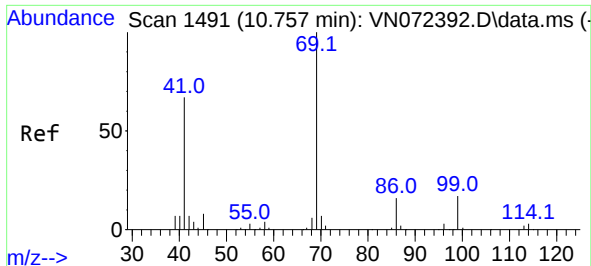
Tgt Ion: 75 Resp: 7084
Ion Ratio Lower Upper
75 100
77 126.7 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 7.447 ug/l
RT: 10.869 min Scan# 1510
Delta R.T. -0.023 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 97 Resp: 18929
Ion Ratio Lower Upper
97 100
83 5.2 66.2 99.4#
85 1.5 43.9 65.9#
99 0.0 50.6 76.0#

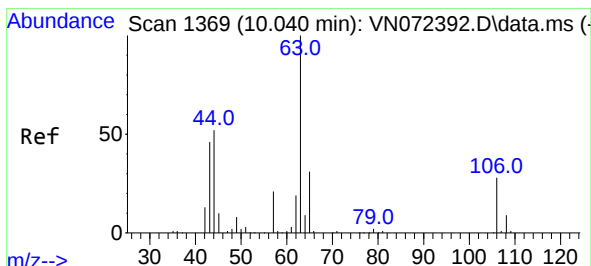
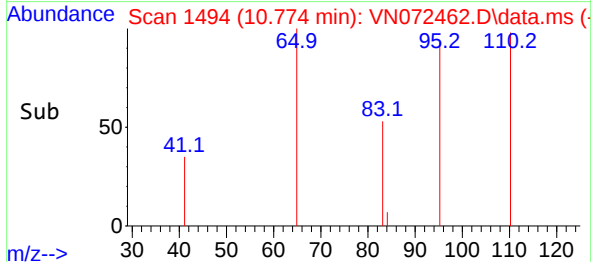
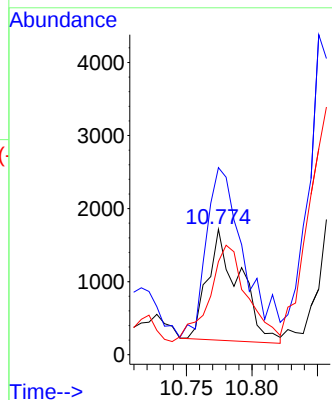
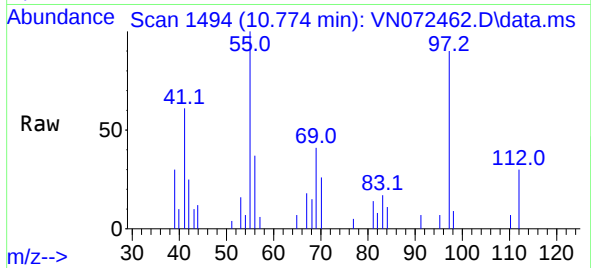




#56
Ethyl methacrylate
Concen: 0.713 ug/l
RT: 10.774 min Scan# 1494
Delta R.T. 0.017 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

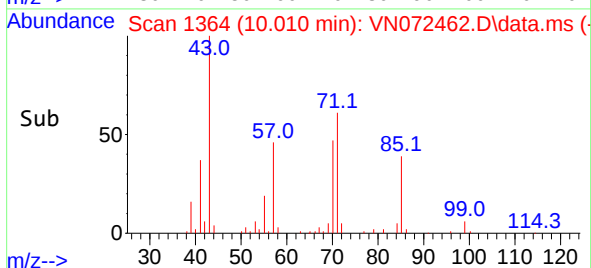
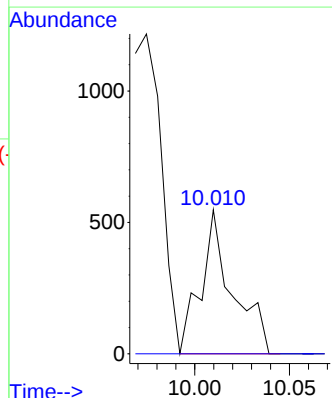
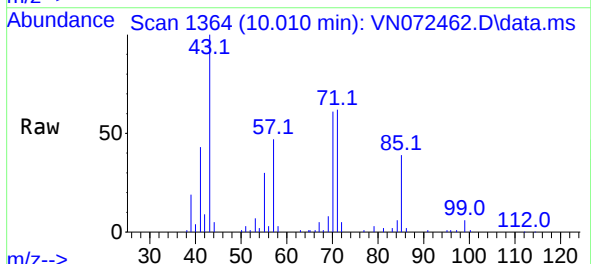
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

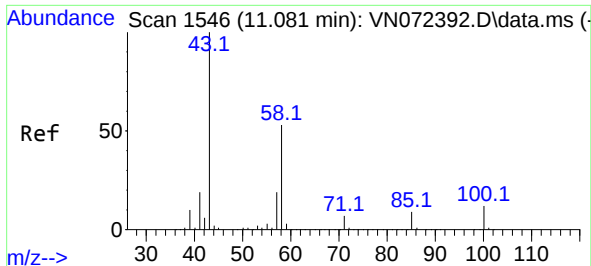
Tgt Ion: 69 Resp: 2597
Ion Ratio Lower Upper
69 100
41 192.1 47.8 71.6#
39 0.0 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 17.942 ug/l
RT: 10.010 min Scan# 1364
Delta R.T. -0.030 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 63 Resp: 636
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#





#59

2-Hexanone

Concen: 2.541 ug/l

RT: 11.204 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

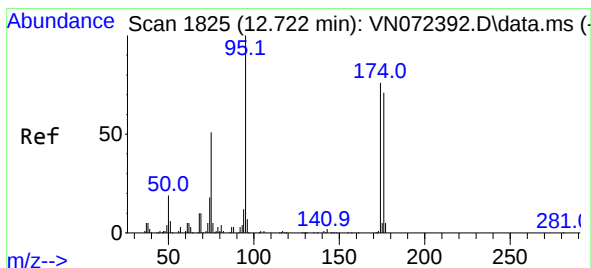
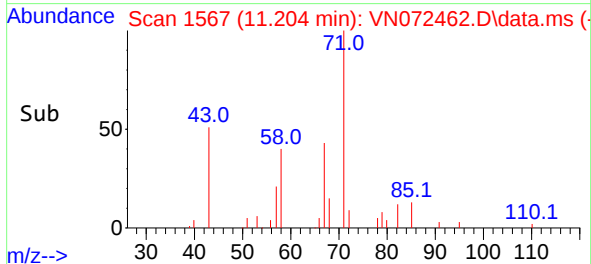
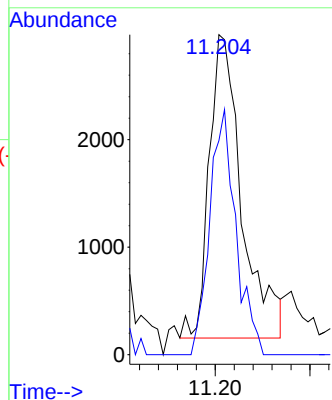
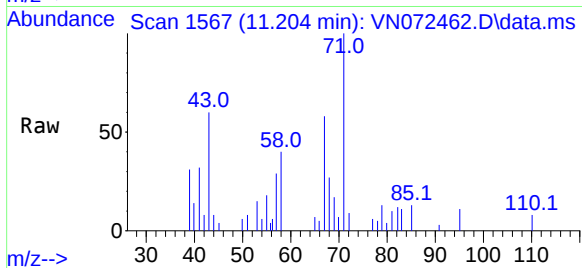
DUP051022

Tgt Ion: 43 Resp: 6754

Ion Ratio Lower Upper

43 100

58 64.5 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 54.686 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.005 min

Lab File: VN072462.D

Acq: 12 May 2022 18:57

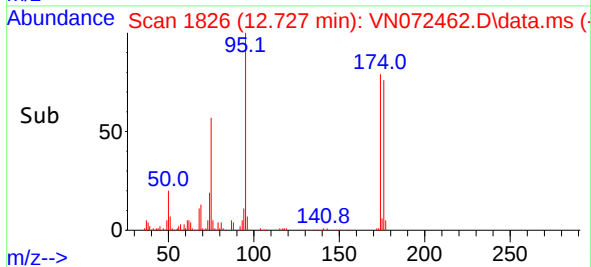
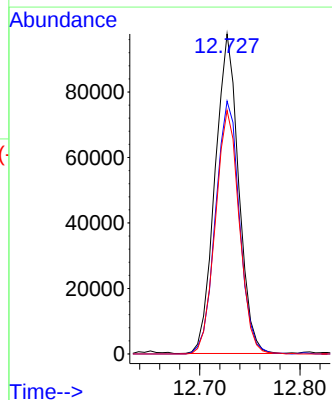
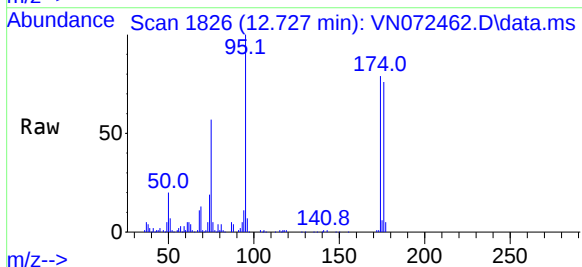
Tgt Ion: 95 Resp: 159513

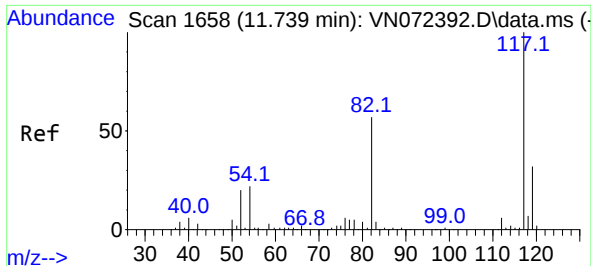
Ion Ratio Lower Upper

95 100

174 80.3 0.0 167.6

176 76.8 0.0 163.4

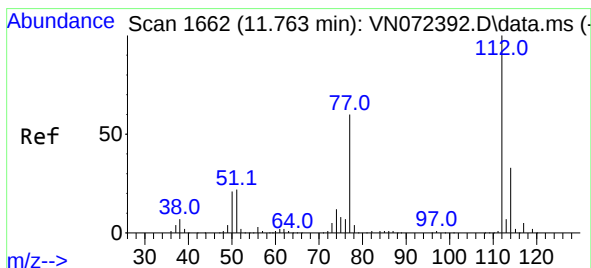
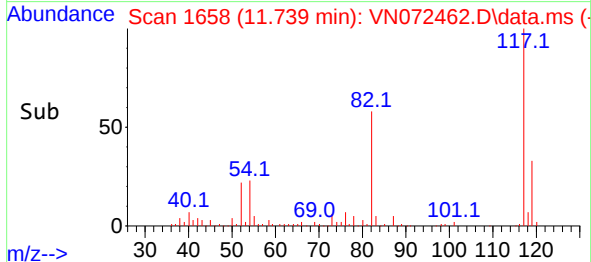
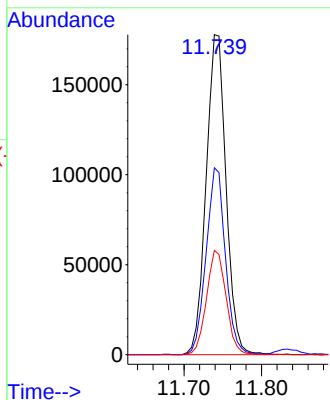
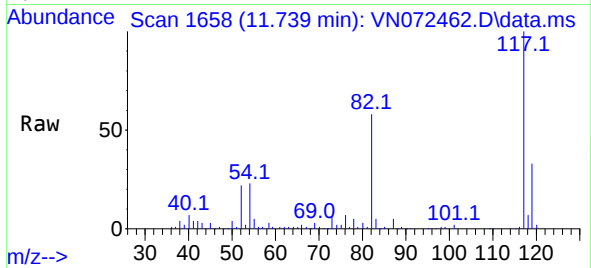




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

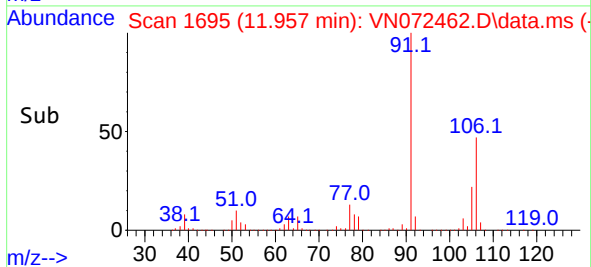
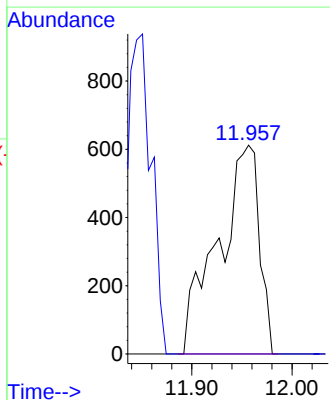
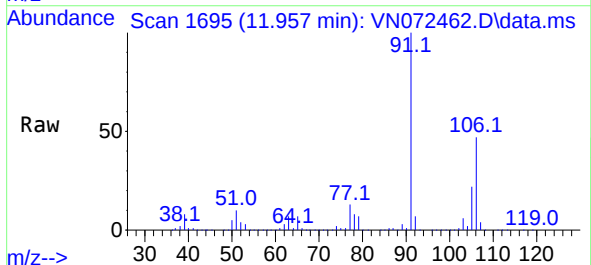
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

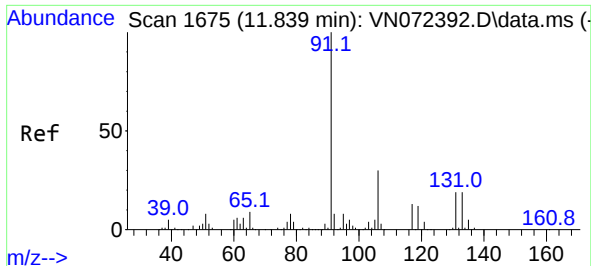
Tgt Ion:117 Resp: 317322
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 32.6 25.4 38.0



#65
Chlorobenzene
Concen: 0.271 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.194 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:112 Resp: 1756
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

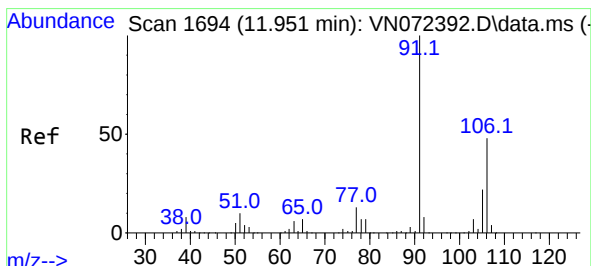
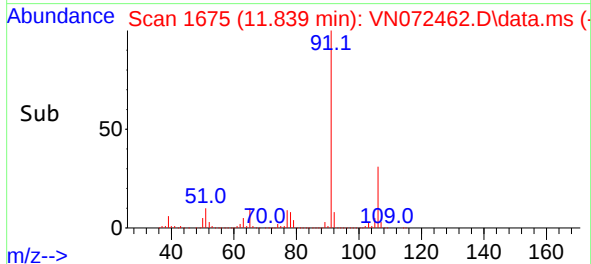
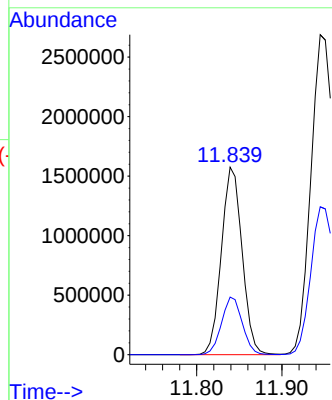
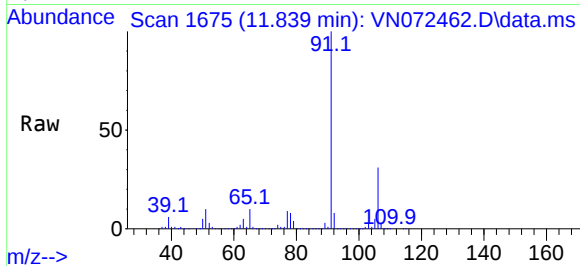




#67
Ethyl Benzene
Concen: 238.203 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

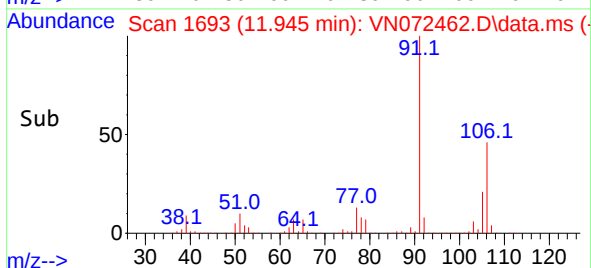
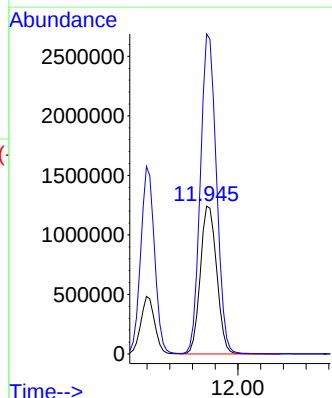
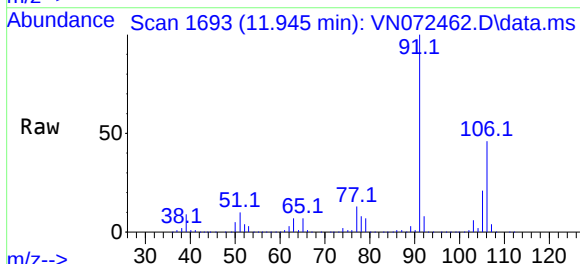
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

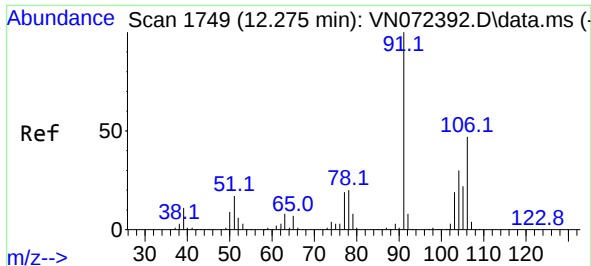
Tgt Ion: 91 Resp: 2664498
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 585.428 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 106 Resp: 2483653
Ion Ratio Lower Upper
106 100
91 212.7 158.9 238.3

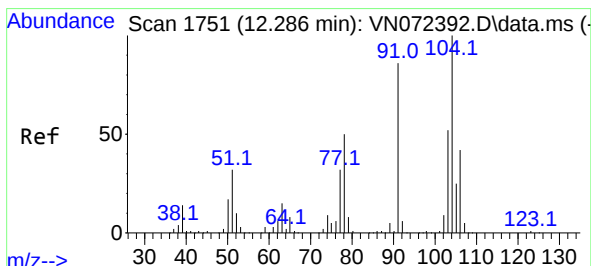
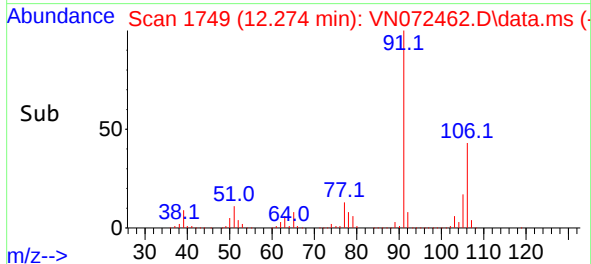
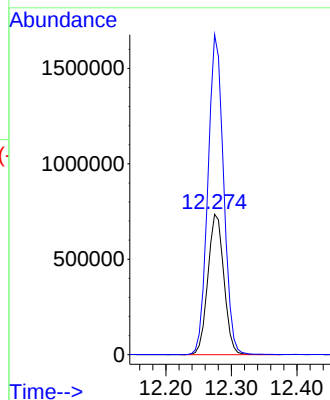
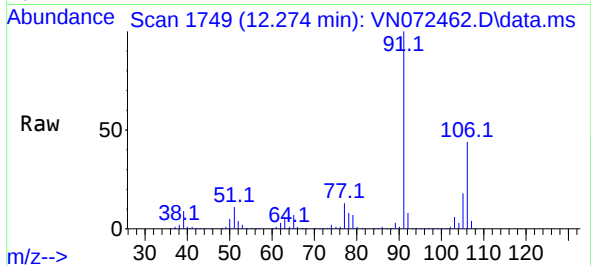




#69
o-Xylene
Concen: 299.907 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

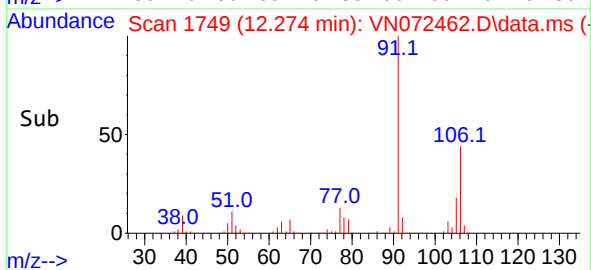
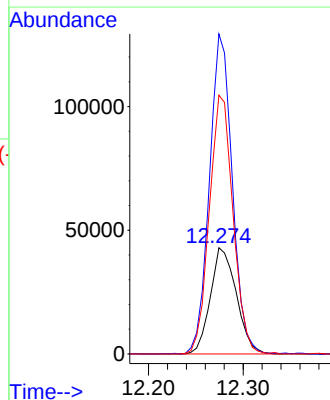
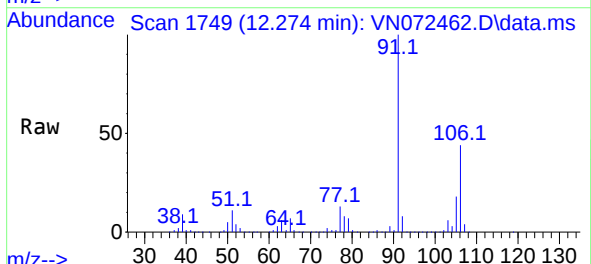
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

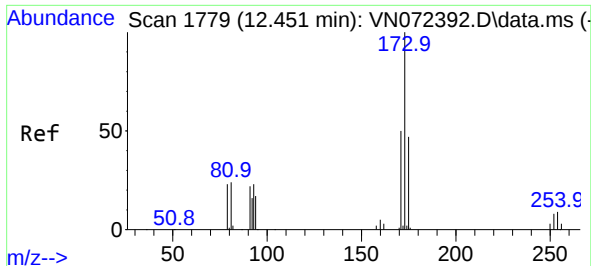
Tgt Ion:106 Resp: 1250117
Ion Ratio Lower Upper
106 100
91 223.1 106.0 318.0



#70
Styrene
Concen: 12.835 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:104 Resp: 81847
Ion Ratio Lower Upper
104 100
78 265.3 39.5 59.3#
103 222.6 44.0 66.0#

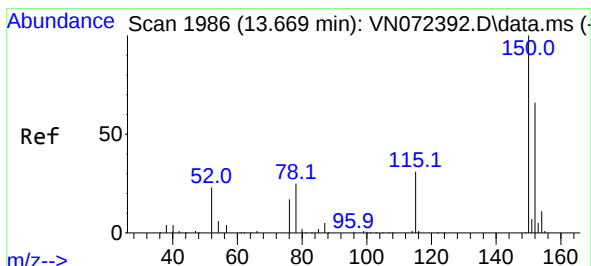
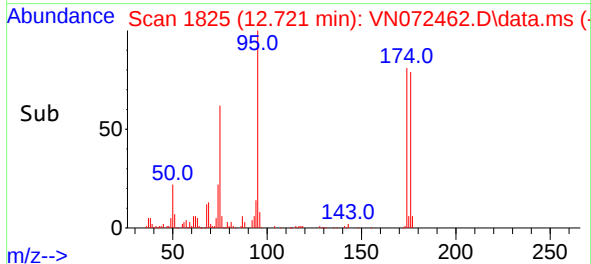
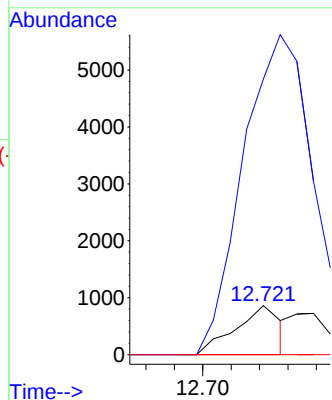
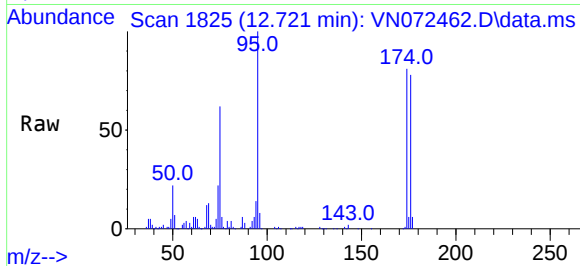




#71
Bromoform
Concen: 0.496 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

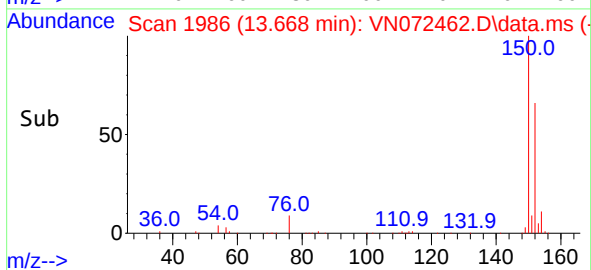
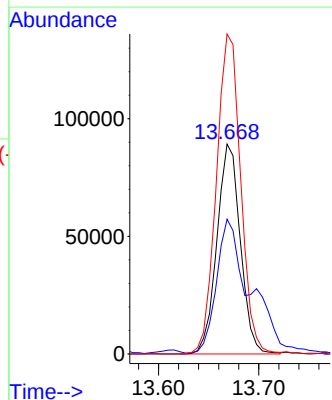
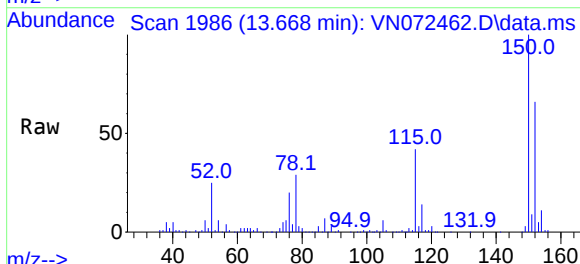
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

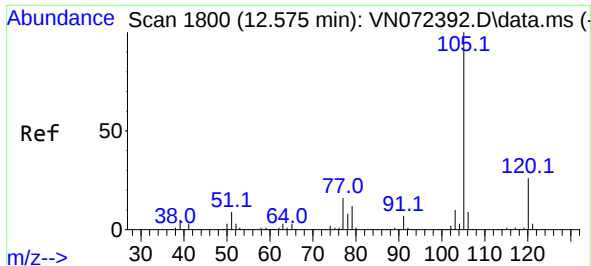
Tgt Ion:173 Resp: 950
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:152 Resp: 144725
Ion Ratio Lower Upper
152 100
115 93.5 28.9 86.7#
150 159.0 0.0 356.2

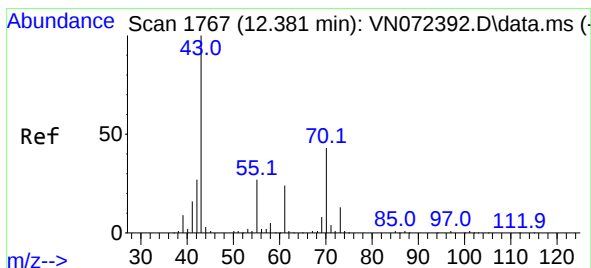
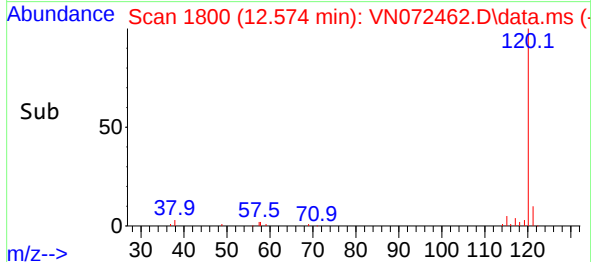
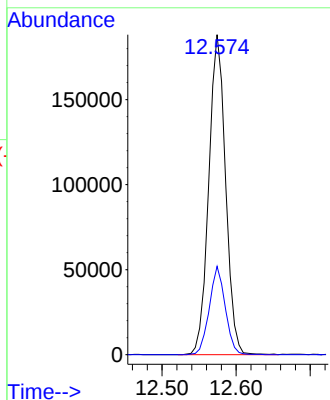
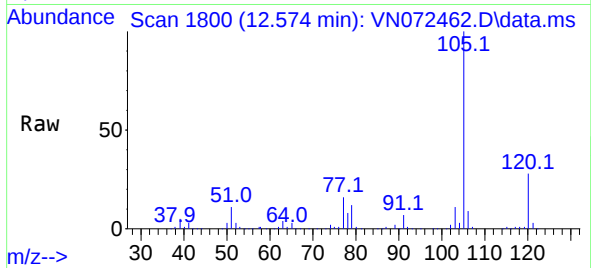




#73
Isopropylbenzene
Concen: 24.726 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

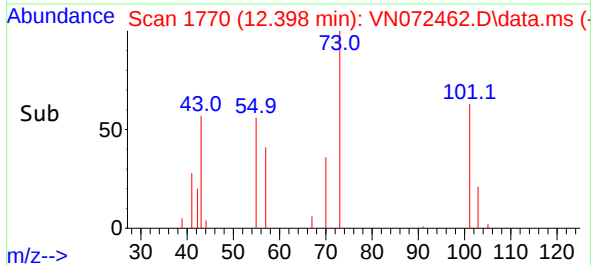
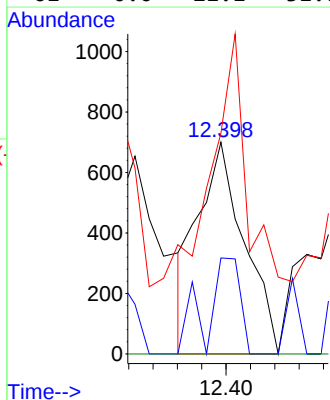
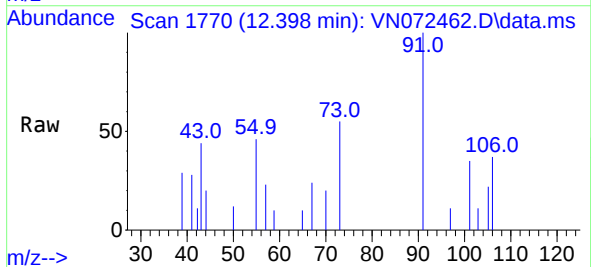
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

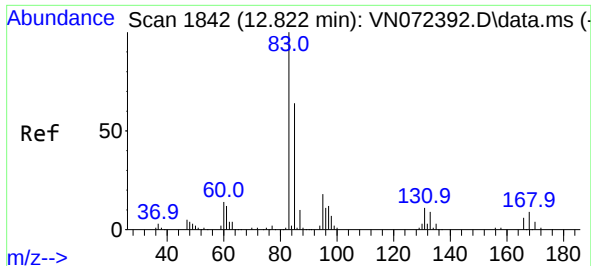
Tgt Ion:105 Resp: 296453
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4



#74
N-ethyl acetate
Concen: 0.219 ug/l
RT: 12.398 min Scan# 1770
Delta R.T. 0.017 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
70 33.0 39.0 58.4#
55 80.8 21.1 31.7#
61 0.0 21.1 31.7#

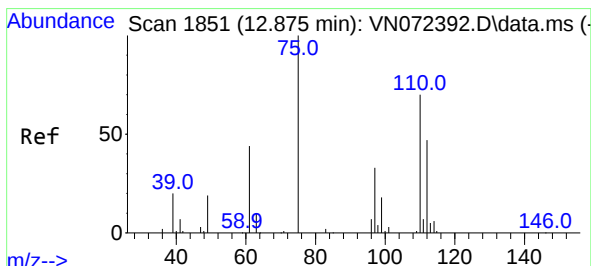
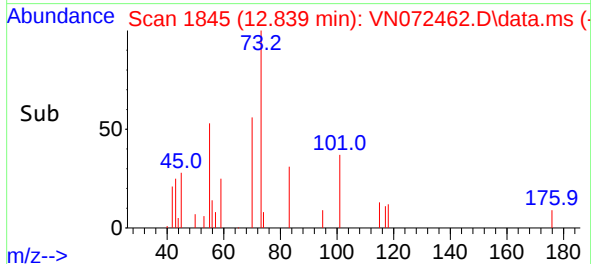
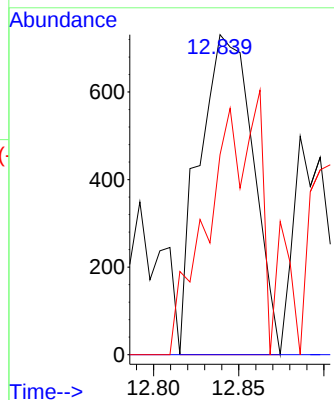
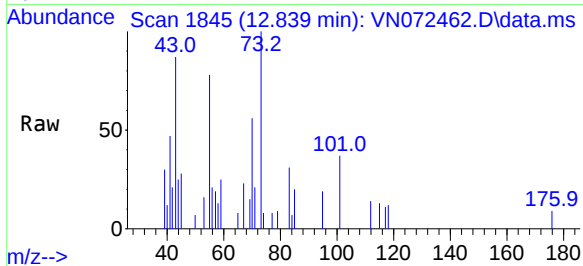




#75
1,1,2,2-Tetrachloroethane
Concen: 0.370 ug/l
RT: 12.839 min Scan# 1845
Delta R.T. 0.017 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

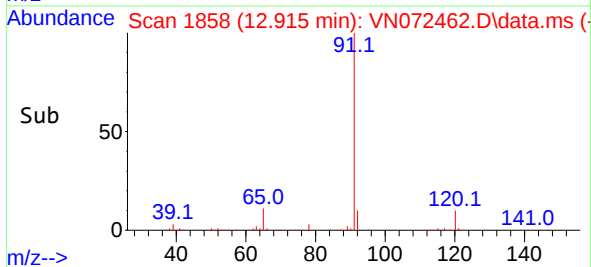
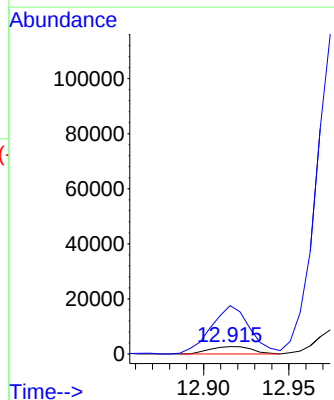
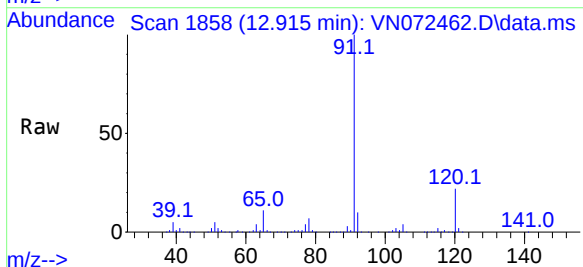
Instrument :
MSVOA_N
ClientSampleId :
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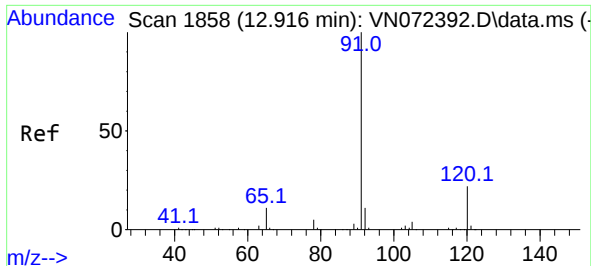
Tgt Ion: 83 Resp: 1609
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 1.222 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.040 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 75 Resp: 4611
Ion Ratio Lower Upper
75 100
77 608.3 98.5 295.5#

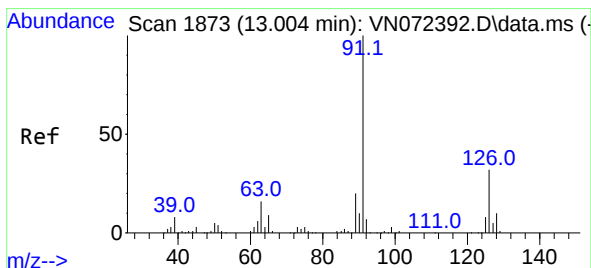
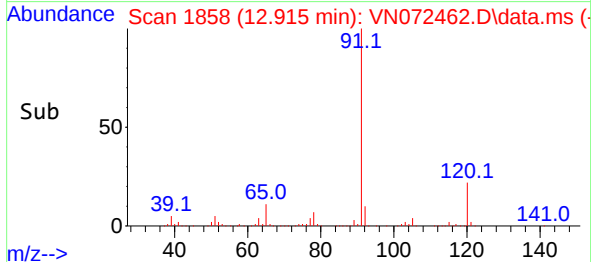
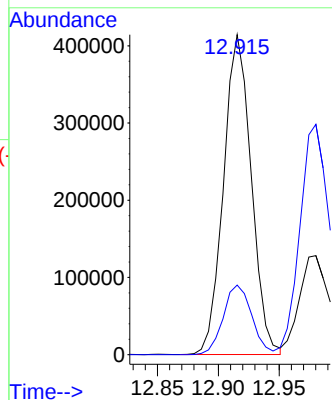
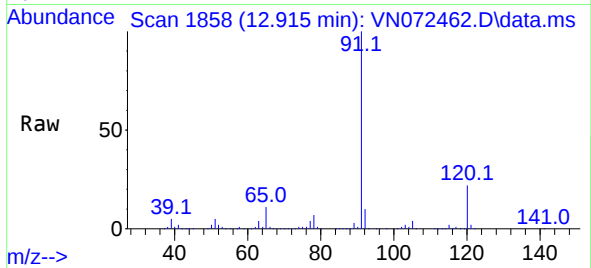




#78
n-propylbenzene
Concen: 51.205 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

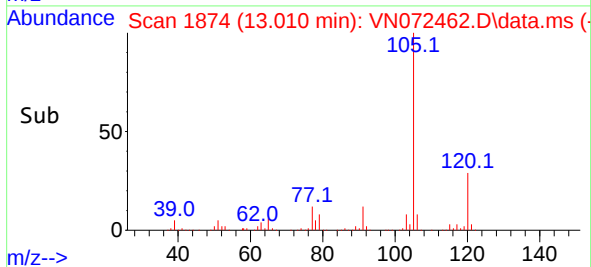
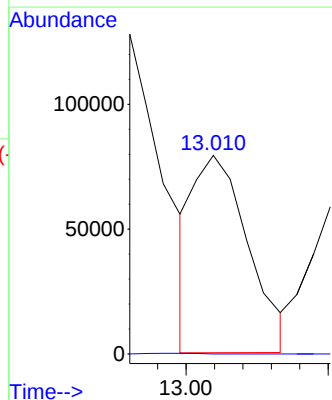
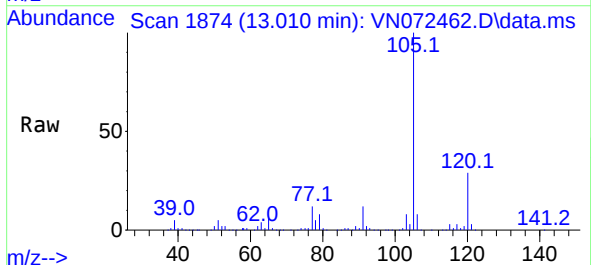
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

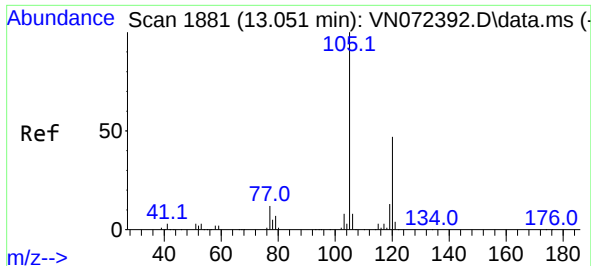
Tgt Ion: 91 Resp: 656933
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 12.682 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 91 Resp: 106885
Ion Ratio Lower Upper
91 100
126 0.3 17.3 51.9#

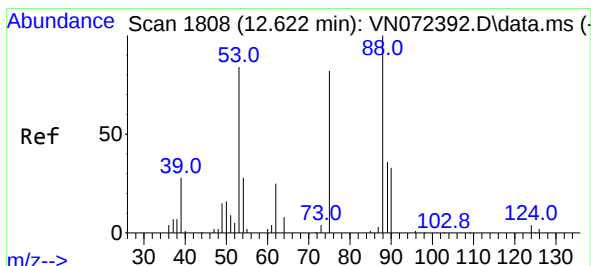
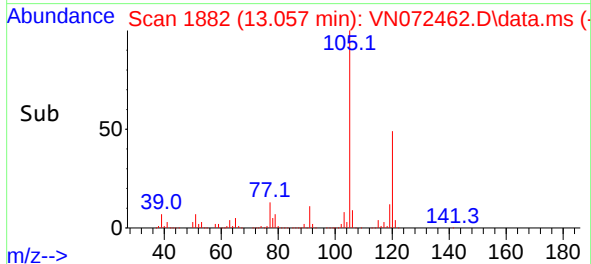
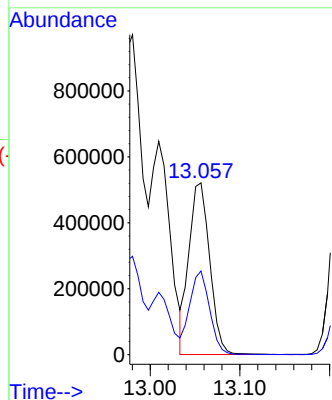
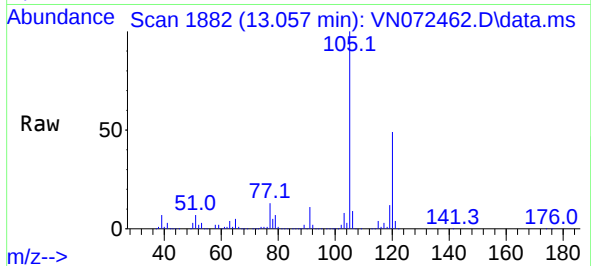




#80
1,3,5-Trimethylbenzene
Concen: 85.359 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

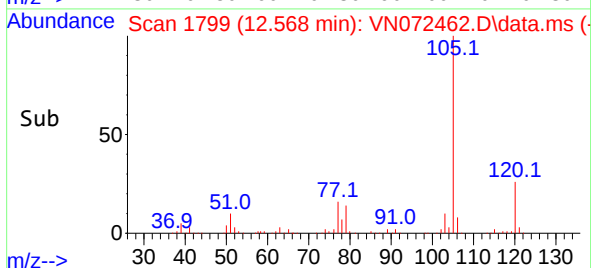
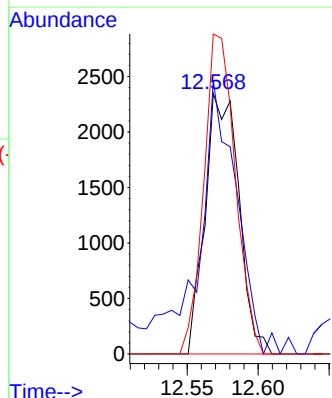
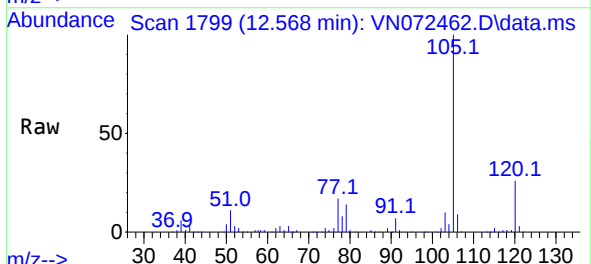
Instrument :
MSVOA_N
ClientSampleId :
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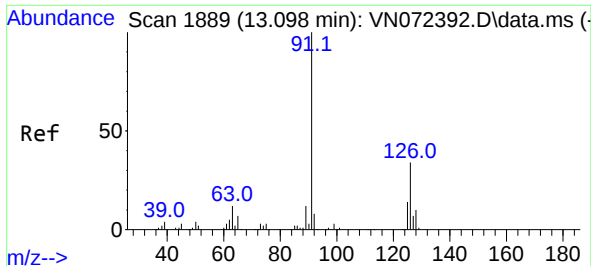
Tgt Ion:105 Resp: 838168
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 3.434 ug/l
RT: 12.568 min Scan# 1799
Delta R.T. -0.054 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 75 Resp: 3886
Ion Ratio Lower Upper
75 100
53 127.0 78.0 117.0#
89 114.5 37.2 55.8#

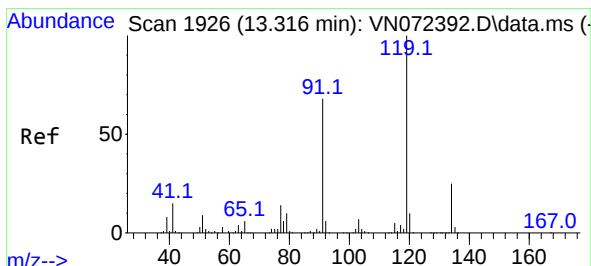
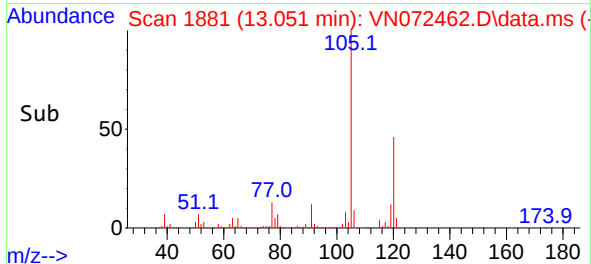
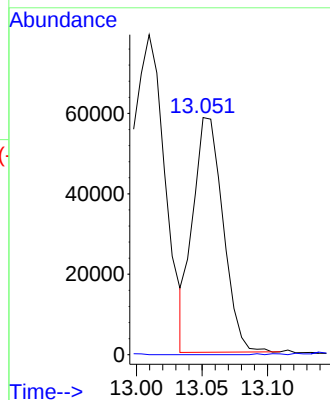
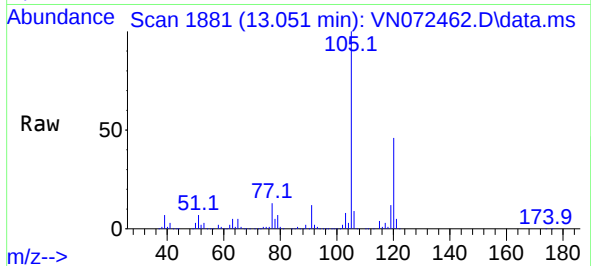




#82
4-Chlorotoluene
Concen: 11.688 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

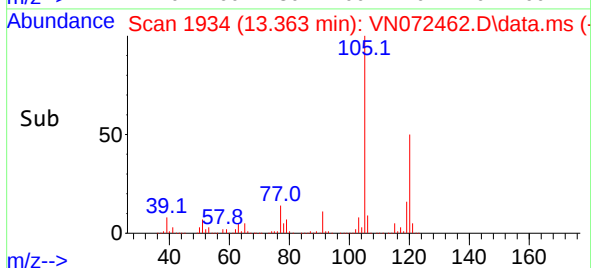
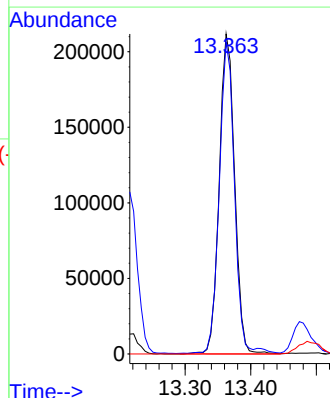
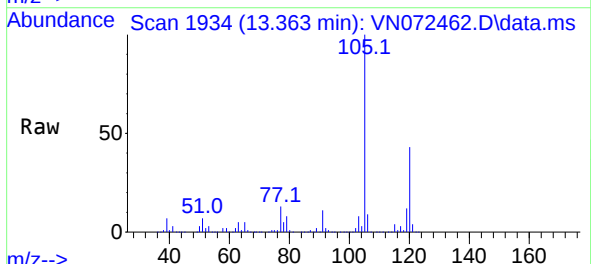
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

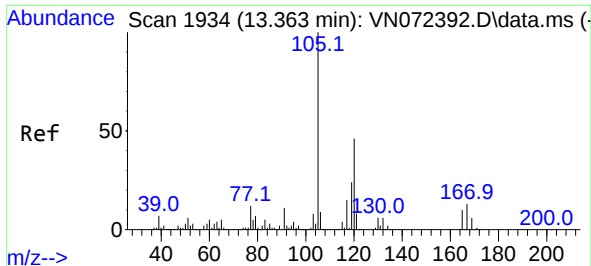
Tgt Ion: 91 Resp: 93353
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 39.951 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.046 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 119 Resp: 343429
Ion Ratio Lower Upper
119 100
91 94.9 31.6 94.8#
134 0.0 13.7 41.1#

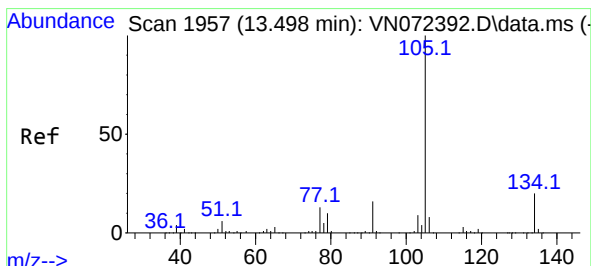
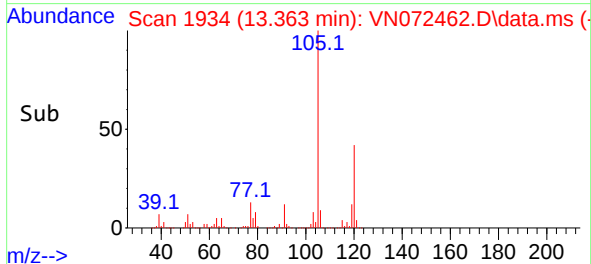
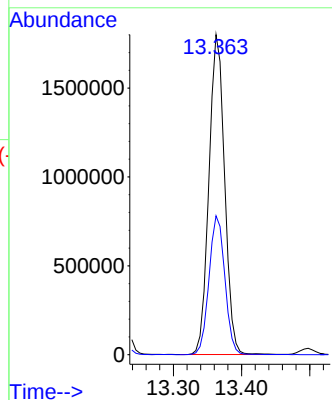
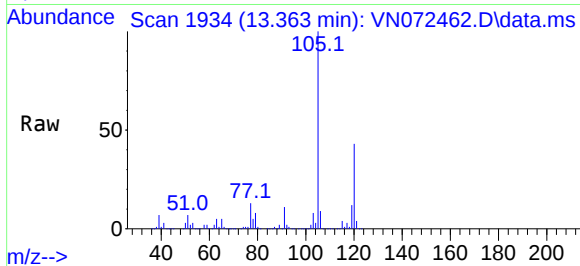




#84
1,2,4-Trimethylbenzene
Concen: 301.713 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

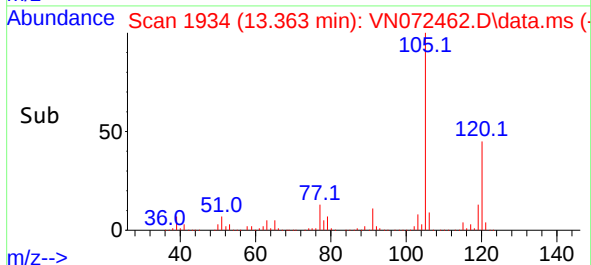
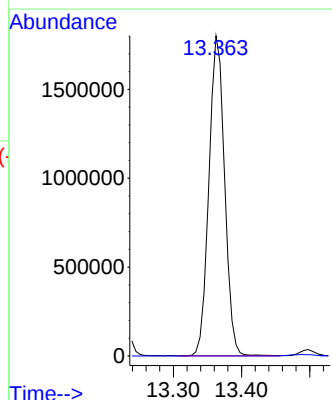
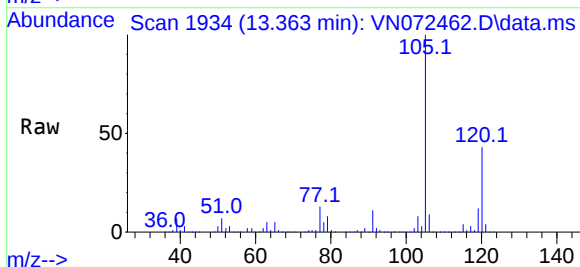
Instrument :
MSVOA_N
ClientSampleId :
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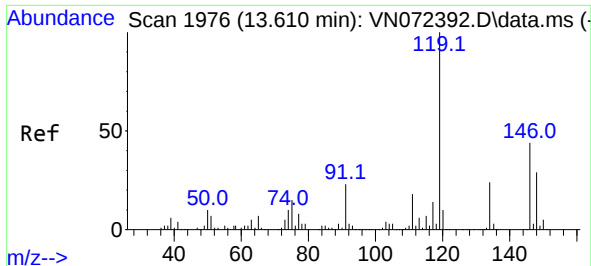
Tgt Ion:105 Resp: 2881969
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 251.387 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion:105 Resp: 2881969
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

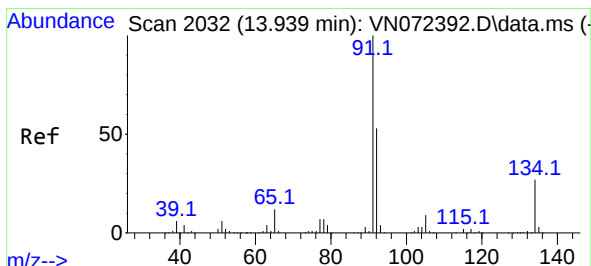
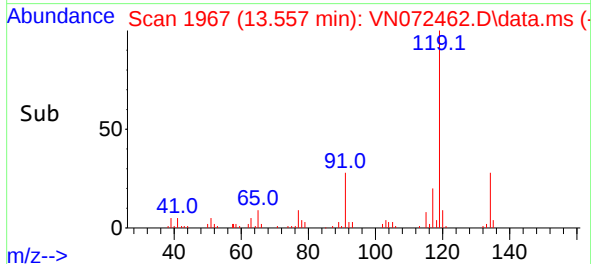
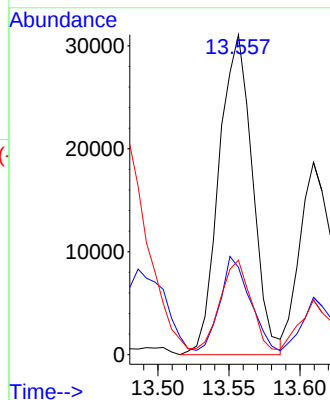
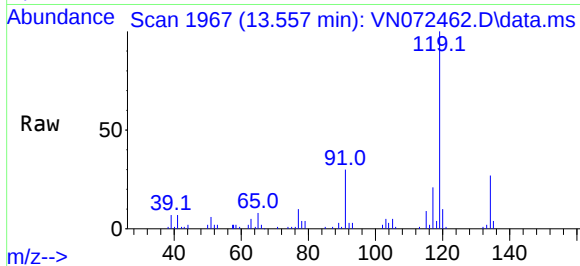




#86
p-Isopropyltoluene
Concen: 5.702 ug/l
RT: 13.557 min Scan# 1976
Delta R.T. -0.053 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

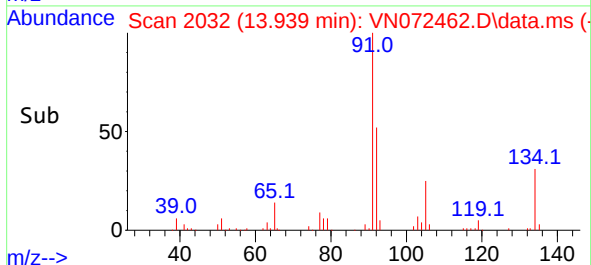
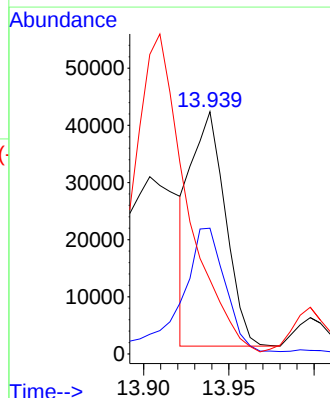
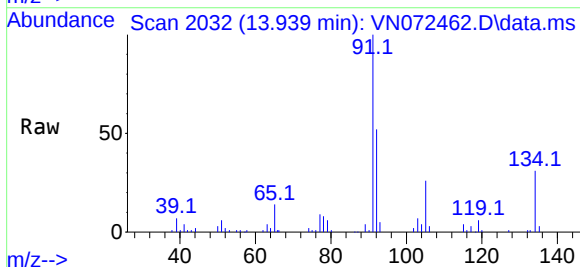
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ClientSampleId :
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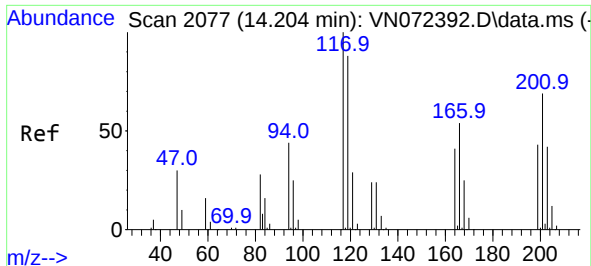
Tgt Ion:119 Resp: 50920
Ion Ratio Lower Upper
119 100
134 28.5 13.3 39.8
91 24.9 11.3 33.9



#89
n-Butylbenzene
Concen: 8.494 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Tgt Ion: 91 Resp: 57983
Ion Ratio Lower Upper
91 100
92 65.1 26.9 80.7
134 0.0 13.6 40.8#

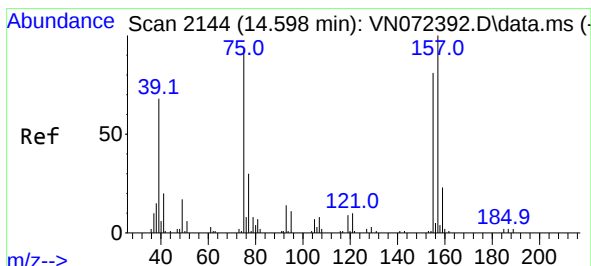
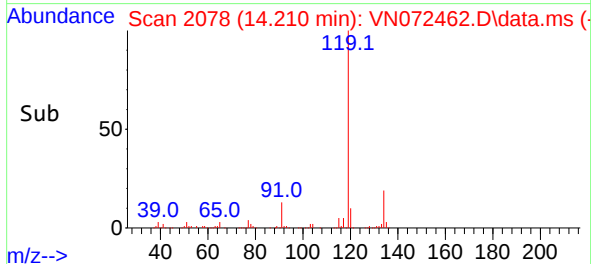
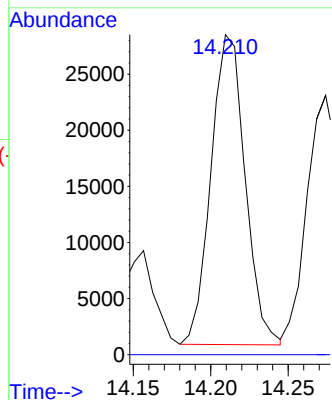
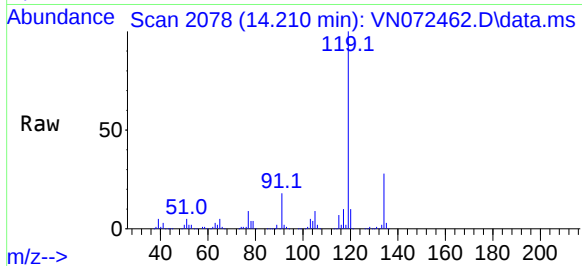




#90
Hexachloroethane
Concen: 23.713 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.005 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

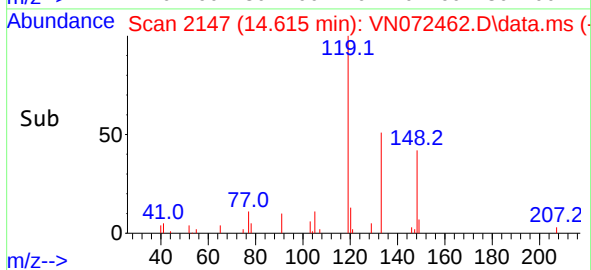
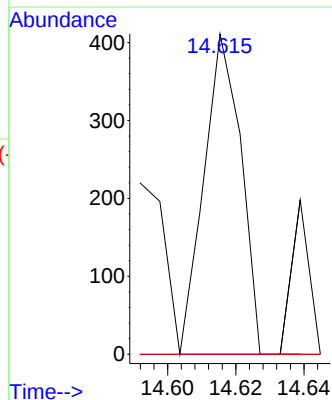
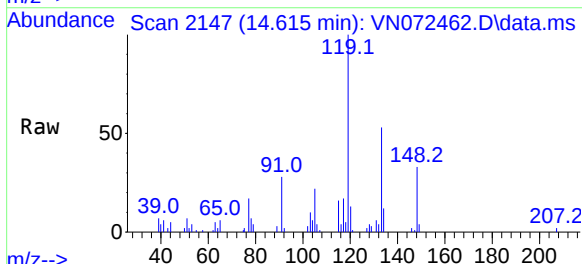
Instrument :
MSVOA_N
ClientSampleId :
DUP051022

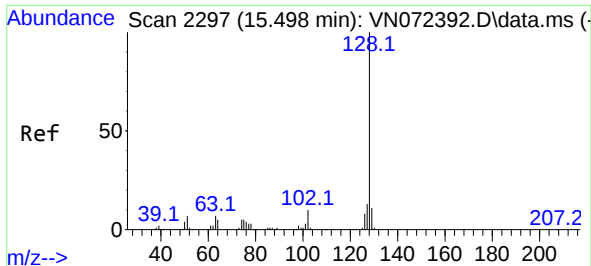
Tgt Ion:117 Resp: 42316
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.408 ug/l
RT: 14.615 min Scan# 2147
Delta R.T. 0.017 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

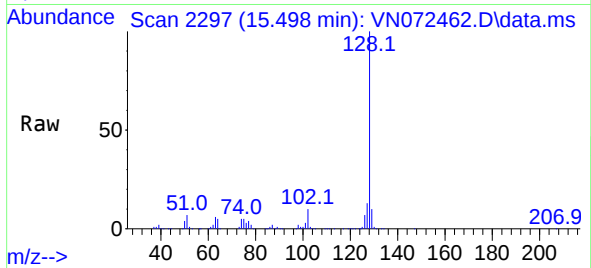
Tgt Ion: 75 Resp: 309
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95
Naphthalene
Concen: 95.503 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072462.D
Acq: 12 May 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
DUP051022



Tgt Ion:128 Resp: 681955
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

