

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071102.D
 Acq On : 28 Feb 2022 18:20
 Operator : JC\MD
 Sample : N1689-11 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022522

Quant Time: Mar 01 04:23:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	920722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1433960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1296451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	520728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	527789	50.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.360%			
35) Dibromofluoromethane	8.016	113	415142	48.673	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.340%			
50) Toluene-d8	10.439	98	1755368	51.248	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.727	95	648790	52.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.980%			
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3038	0.253	ug/l	98
11) Tert butyl alcohol	5.363	59	5498	2.868	ug/l #	71
13) Acrolein	3.993	56	10683	6.237	ug/l #	1
14) Allyl chloride	4.951	41	17137	0.997	ug/l #	62
15) Acrylonitrile	5.610	53	10980	1.945	ug/l #	41
16) Acetone	4.257	43	32488	5.609	ug/l #	64
18) Methyl Acetate	4.922	43	4556	Below Cal	#	51
19) Methyl tert-butyl Ether	5.604	73	30908	0.977	ug/l #	1
20) Methylene Chloride	5.087	84	2236	0.212	ug/l #	12
25) 2-Butanone	7.334	43	11303	1.467	ug/l #	79
26) 2,2-Dichloropropane	7.151	77	6776	0.441	ug/l #	52
29) Tetrahydrofuran	7.687	42	2112	0.423	ug/l #	47
31) Cyclohexane	8.092	56	474543	26.088	ug/l	94
36) 1,1-Dichloropropene	8.081	75	69385	4.965	ug/l #	57
37) Ethyl Acetate	7.334	43	11303	0.754	ug/l #	68
38) Carbon Tetrachloride	8.081	117	86623	6.291	ug/l #	17
39) Methylcyclohexane	9.457	83	209454	11.649	ug/l	91
40) Benzene	8.457	78	471532	11.408	ug/l	100
41) Methacrylonitrile	7.687	41	3976	0.504	ug/l #	18
43) Isopropyl Acetate	8.557	43	18583	0.787	ug/l #	55
45) 1,2-Dichloropropane	9.451	63	2926	0.276	ug/l #	1
48) Methyl methacrylate	9.639	41	17275	1.545	ug/l #	54
51) 4-Methyl-2-Pentanone	10.333	43	4339	0.302	ug/l #	61
52) Toluene	10.504	92	159328	6.134	ug/l	95
55) 1,1,2-Trichloroethane	10.875	97	10563	1.039	ug/l #	23
56) Ethyl methacrylate	10.786	69	3577	0.234	ug/l #	74
58) 2-Chloroethyl Vinyl ether	10.028	63	585	31.951	ug/l #	45
59) 2-Hexanone	11.092	43	5002	0.506	ug/l	83
67) Ethyl Benzene	11.839	91	2779723	56.850	ug/l	98
68) m/p-Xylenes	11.945	106	1993374	105.544	ug/l	99
69) o-Xylene	12.274	106	514663	27.896	ug/l	98
70) Styrene	12.274	104	31123	1.061	ug/l #	1
71) Bromoform	12.722	173	2814	0.347	ug/l #	29
73) Isopropylbenzene	12.574	105	181689	4.335	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	328868	26.823	ug/l #	1
78) n-propylbenzene	12.916	91	519563	11.033	ug/l	97

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

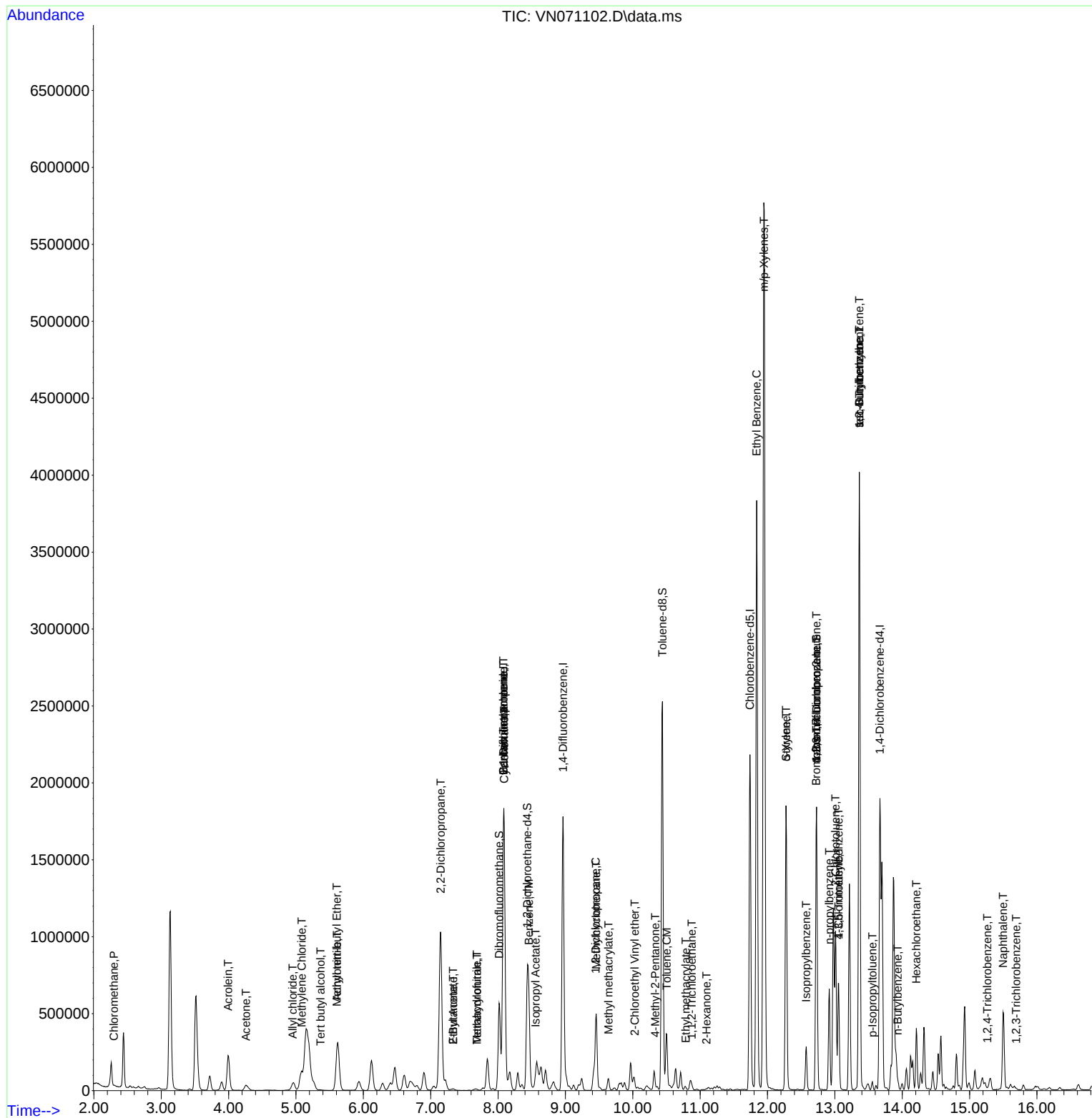
79) 2-Chlorotoluene	13.010	91	63317	2.214	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.057	105	386931	11.395	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	328868	86.919	ug/l #	5
82) 4-Chlorotoluene	13.057	91	38648	1.392	ug/l #	38
83) tert-Butylbenzene	13.363	119	274910	8.537	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.363	105	2277702	68.141	ug/l	99
85) sec-Butylbenzene	13.363	105	2277702	53.676	ug/l #	56
86) p-Isopropyltoluene	13.557	119	29013	0.833	ug/l	96
89) n-Butylbenzene	13.933	91	23221	0.817	ug/l #	69
90) Hexachloroethane	14.210	117	20938	3.366	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.263	180	2376	2.237	ug/l #	80
95) Naphthalene	15.498	128	483469	23.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	2552	2.790	ug/l #	83

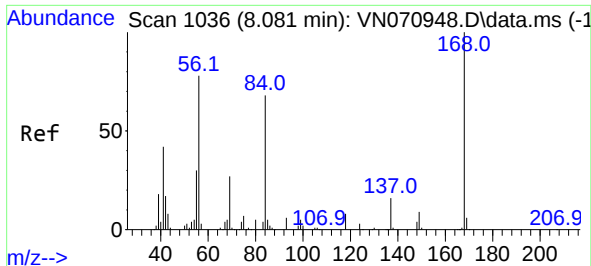
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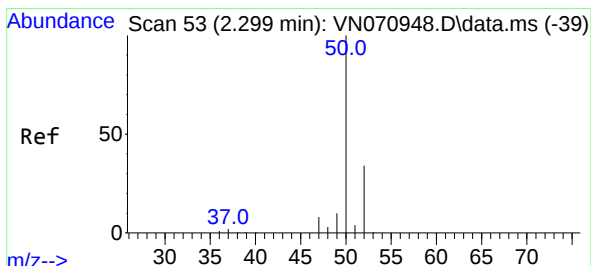
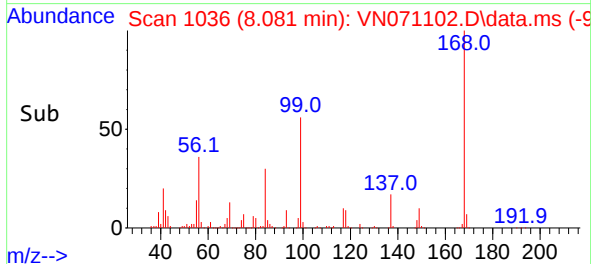
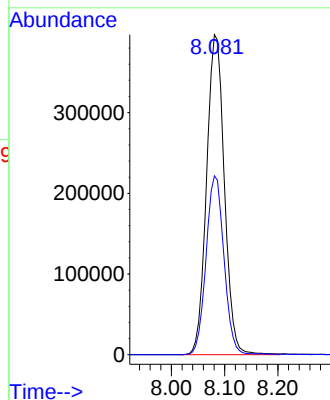
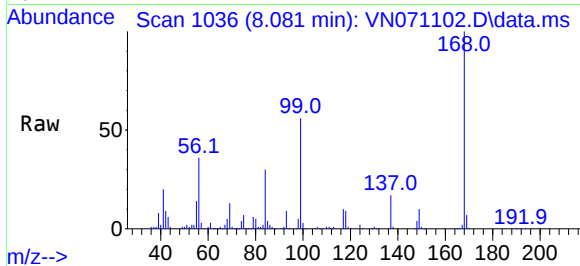




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

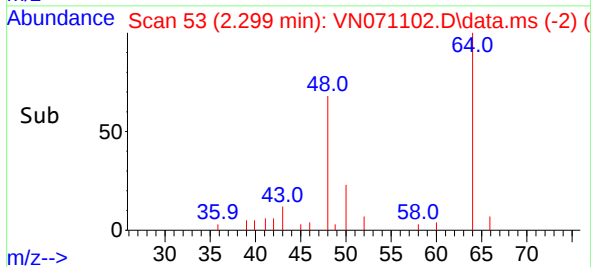
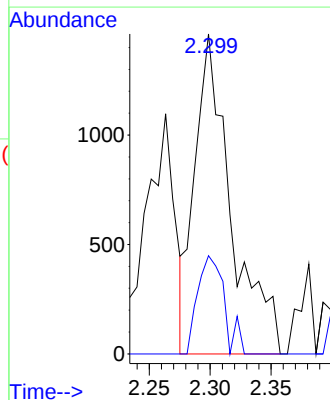
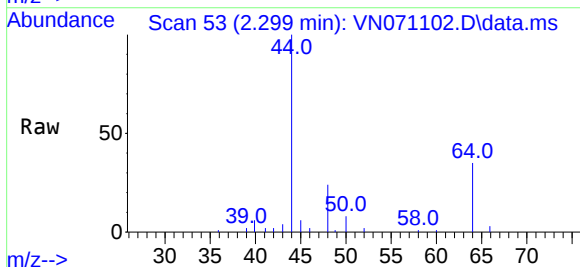
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MSVOA_N
ClientSampleId :
DUP022522

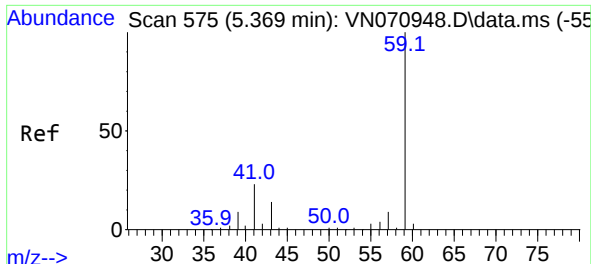
Tgt Ion:168 Resp: 920722
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 50 Resp: 3038
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.0

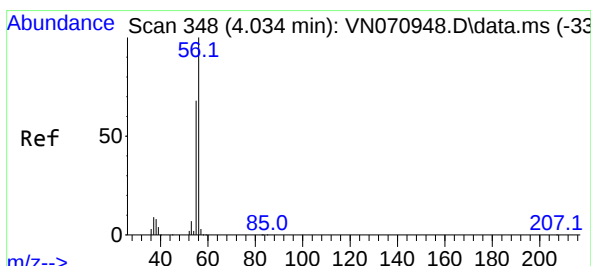
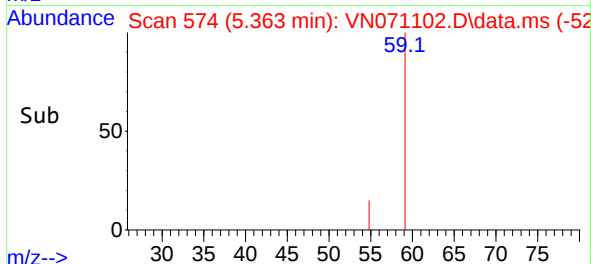
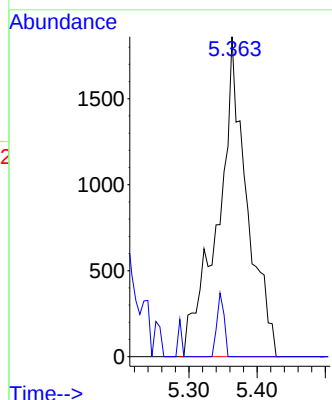
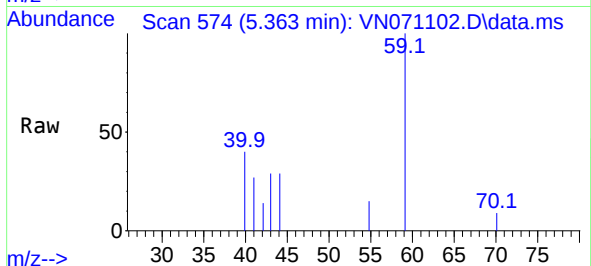




#11
Tert butyl alcohol
Concen: 2.868 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

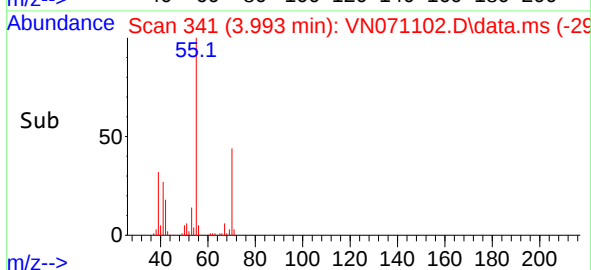
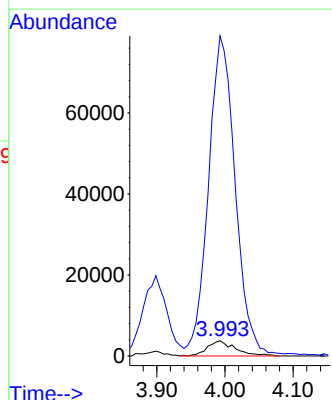
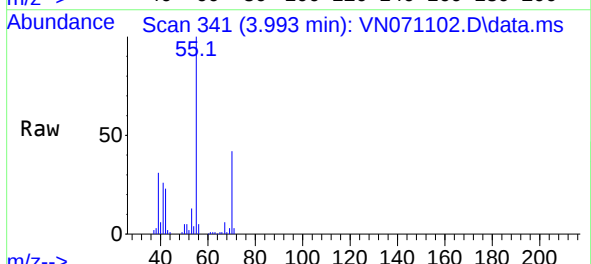
Instrument :
MSVOA_N
ClientSampleId :
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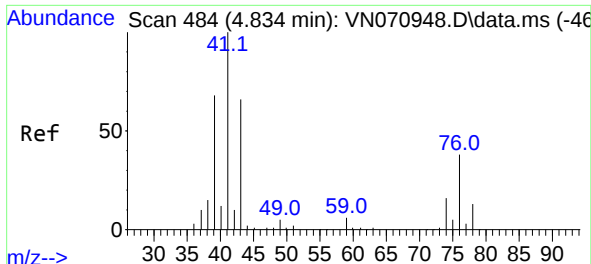
Tgt Ion: 59 Resp: 5498
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 6.237 ug/l
RT: 3.993 min Scan# 341
Delta R.T. -0.041 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 56 Resp: 10683
Ion Ratio Lower Upper
56 100
55 1998.7 56.6 85.0#

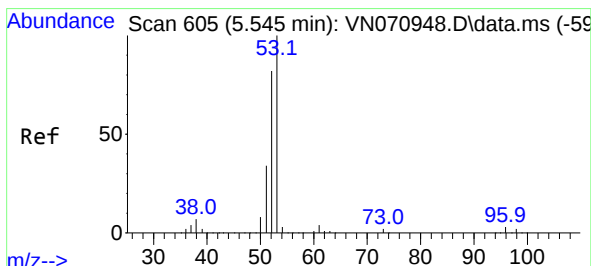
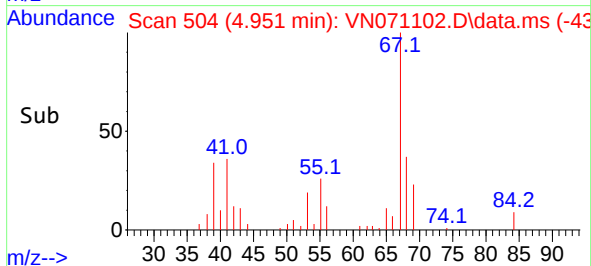
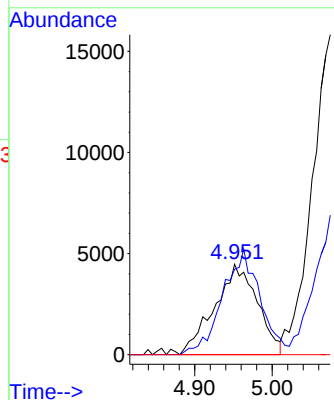
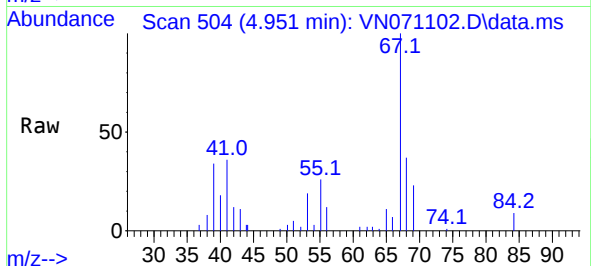




#14
 Allyl chloride
 Concen: 0.997 ug/l
 RT: 4.951 min Scan# 50
 Delta R.T. 0.118 min
 Lab File: VN071102.D
 Acq: 28 Feb 2022 18:20

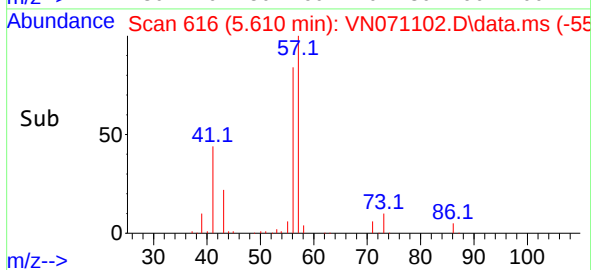
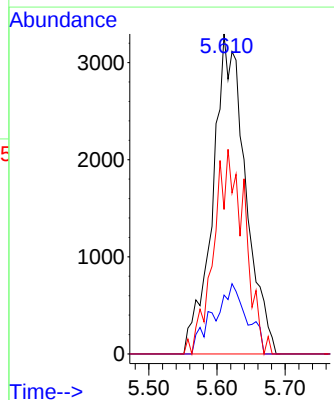
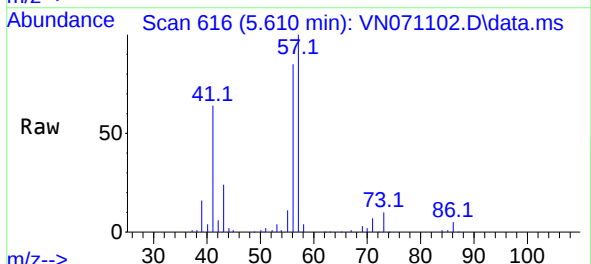
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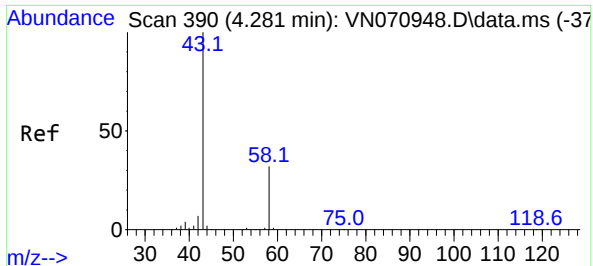
Tgt Ion: 41 Resp: 17137
 Ion Ratio Lower Upper
 41 100
 39 102.5 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 1.945 ug/l
 RT: 5.610 min Scan# 616
 Delta R.T. 0.065 min
 Lab File: VN071102.D
 Acq: 28 Feb 2022 18:20

Tgt Ion: 53 Resp: 10980
 Ion Ratio Lower Upper
 53 100
 52 22.4 66.2 99.2#
 51 60.8 29.6 44.4#

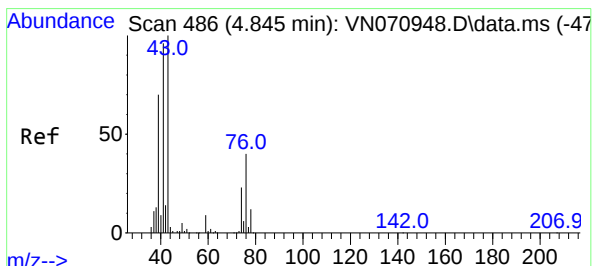
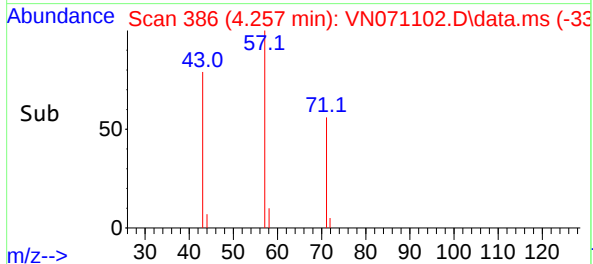
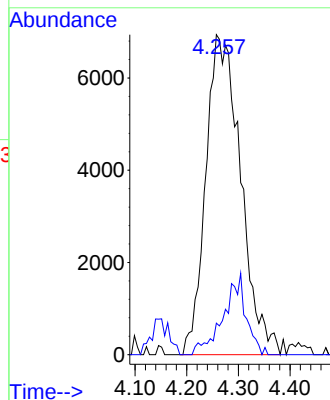
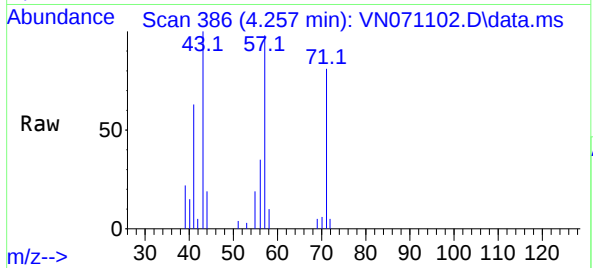




#16
Acetone
Concen: 5.609 ug/l
RT: 4.257 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

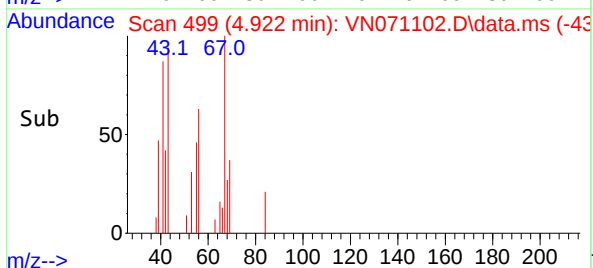
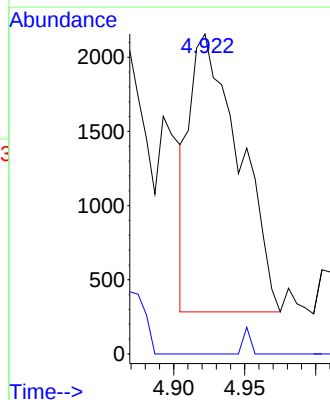
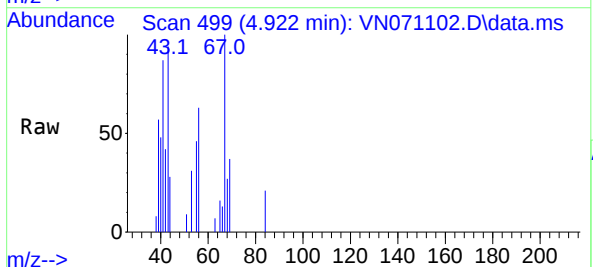
Instrument :
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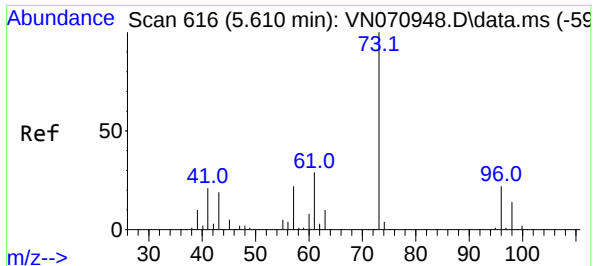
Tgt Ion: 43 Resp: 32488
Ion Ratio Lower Upper
43 100
58 9.9 23.1 34.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.922 min Scan# 499
Delta R.T. 0.077 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 43 Resp: 4556
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 0.977 ug/l

RT: 5.604 min Scan# 616

Delta R.T. -0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

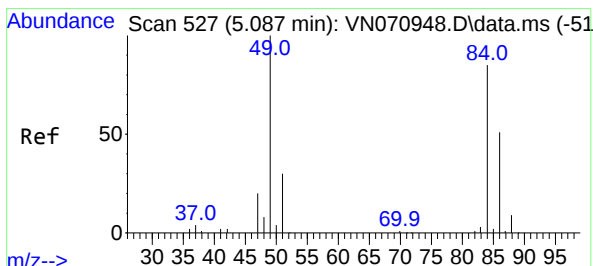
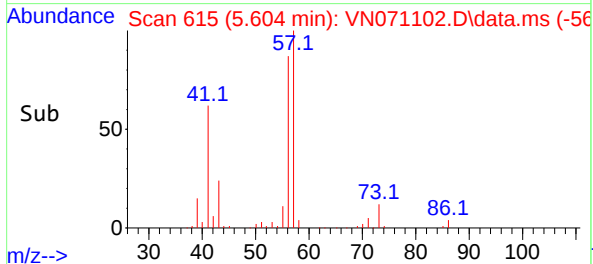
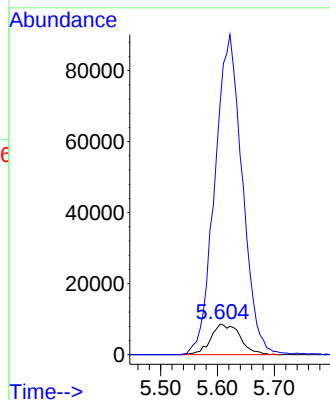
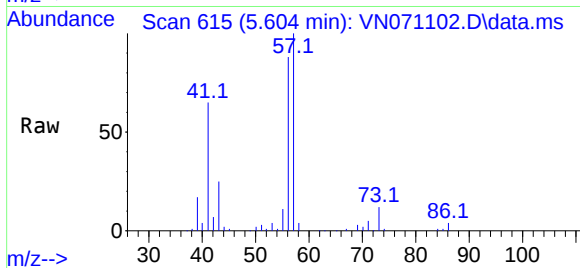
DUP022522

Tgt Ion: 73 Resp: 30908

Ion Ratio Lower Upper

73 100

57 816.7 16.8 25.2#



#20

Methylene Chloride

Concen: 0.212 ug/l

RT: 5.087 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Tgt Ion: 84 Resp: 2236

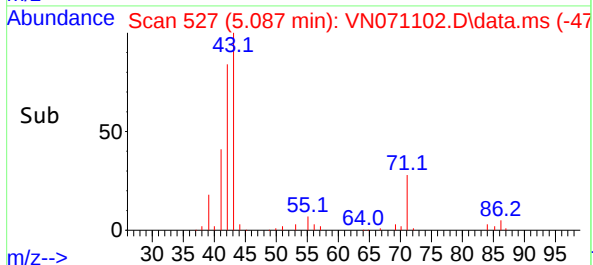
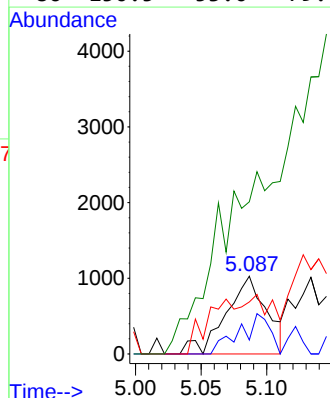
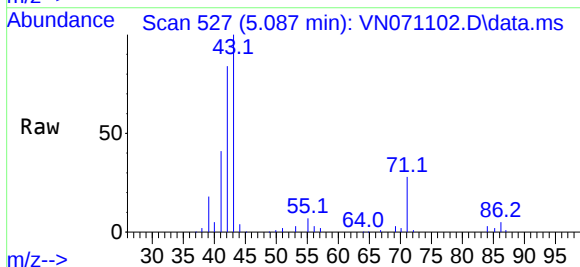
Ion Ratio Lower Upper

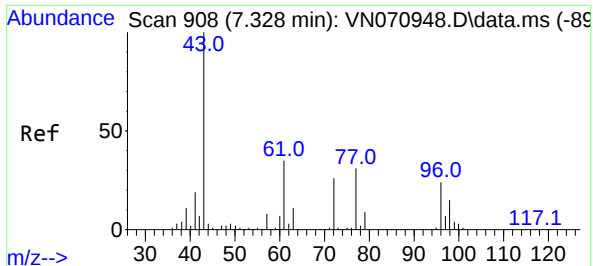
84 100

49 17.8 93.5 140.3#

51 66.9 29.4 44.2#

86 150.5 53.0 79.4#

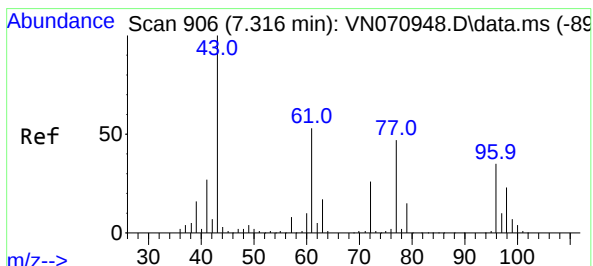
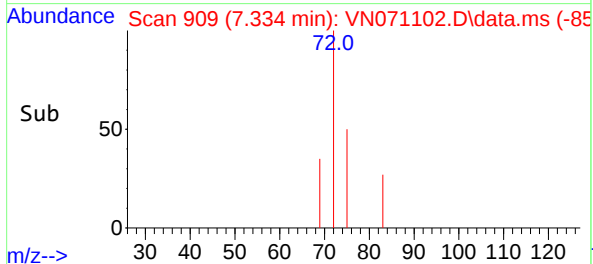
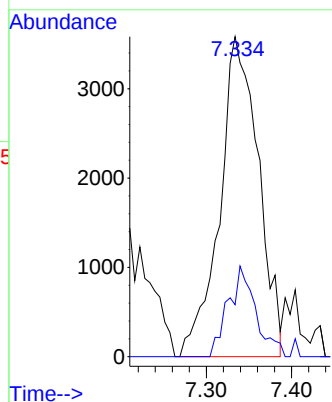
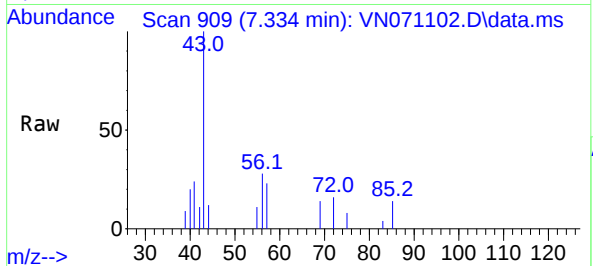




#25
2-Butanone
Concen: 1.467 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

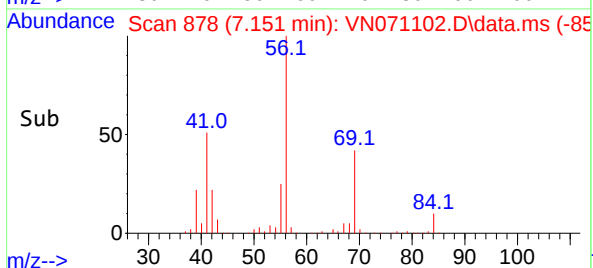
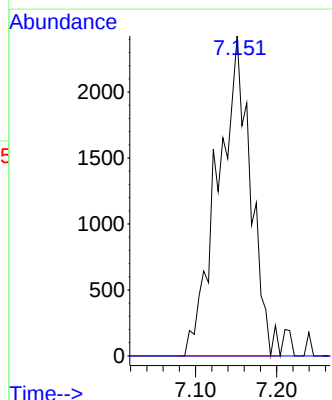
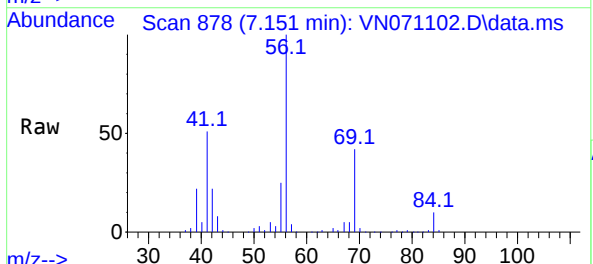
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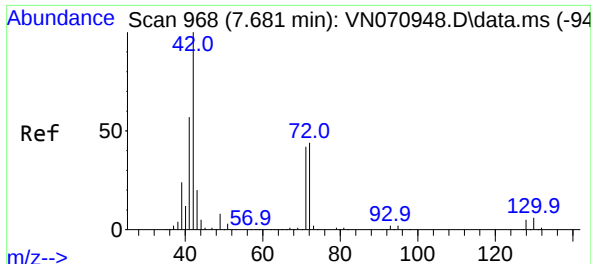
Tgt Ion: 43 Resp: 11303
Ion Ratio Lower Upper
43 100
72 16.3 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.441 ug/l
RT: 7.151 min Scan# 878
Delta R.T. -0.165 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 77 Resp: 6776
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.423 ug/l

RT: 7.687 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

DUP022522

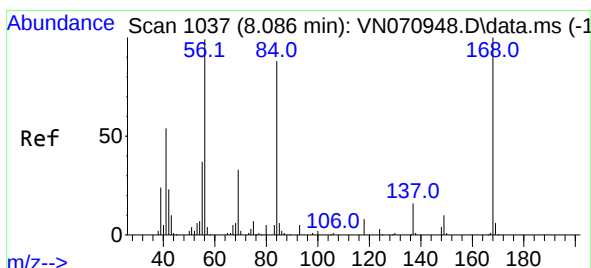
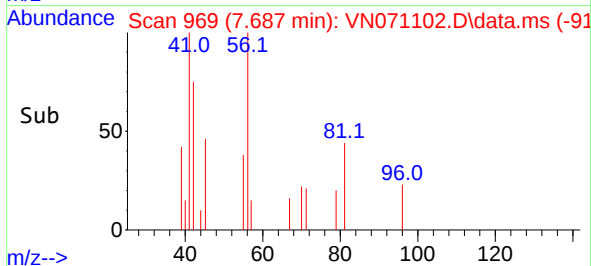
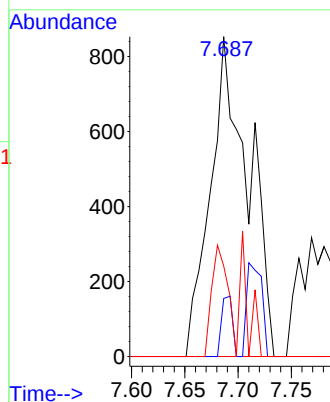
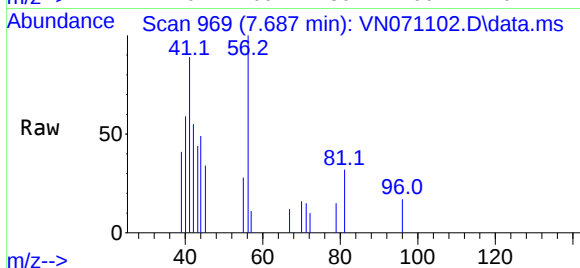
Tgt Ion: 42 Resp: 2112

Ion Ratio Lower Upper

42 100

72 5.3 36.3 54.5#

71 14.6 34.7 52.1#



#31

Cyclohexane

Concen: 26.088 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

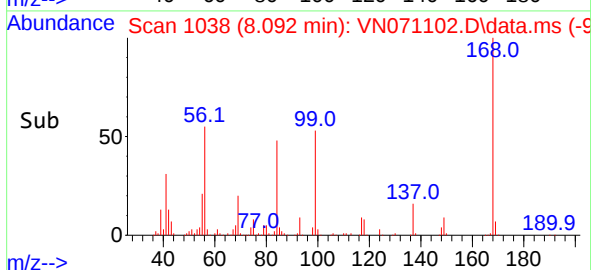
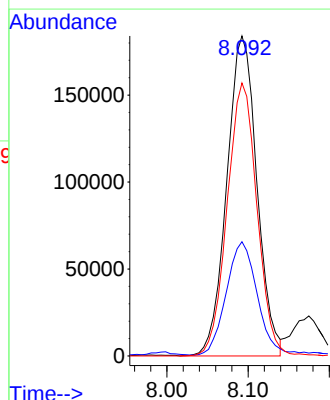
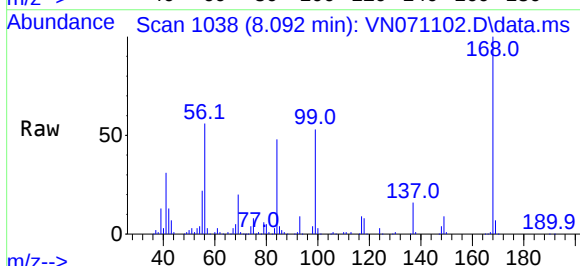
Tgt Ion: 56 Resp: 474543

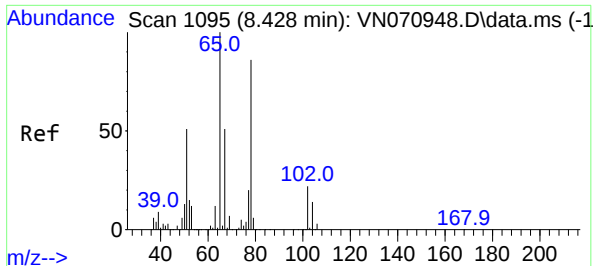
Ion Ratio Lower Upper

56 100

69 35.2 27.1 40.7

84 85.3 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 50.182 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

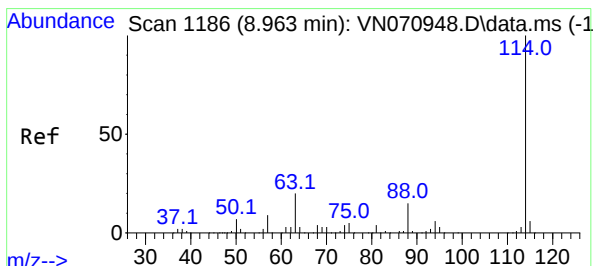
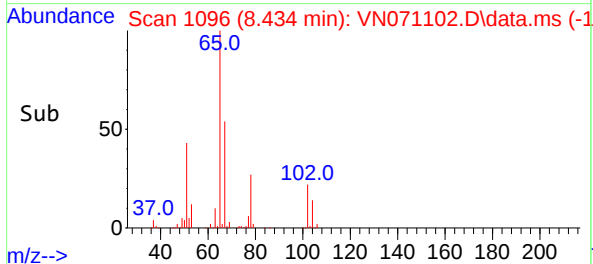
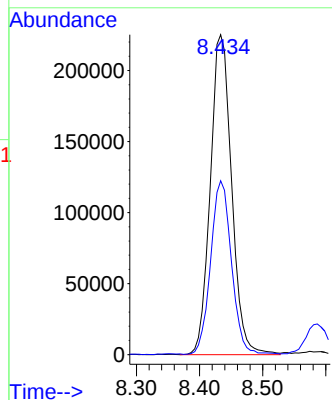
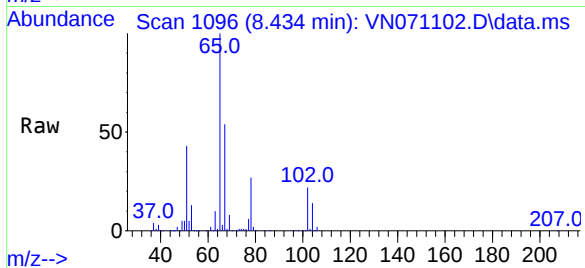
DUP022522

Tgt Ion: 65 Resp: 527789

Ion Ratio Lower Upper

65 100

67 52.9 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: VN071102.D

Acq: 28 Feb 2022 18:20

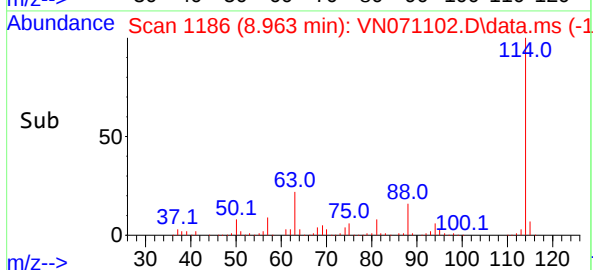
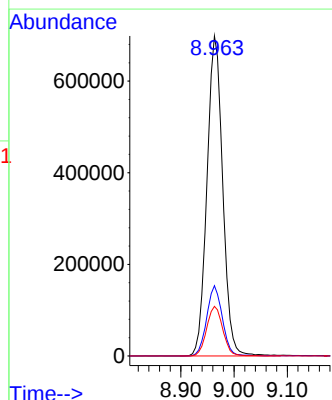
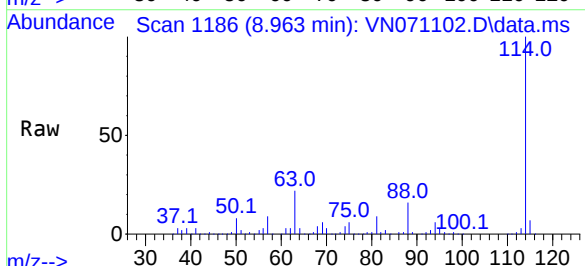
Tgt Ion: 114 Resp: 1433960

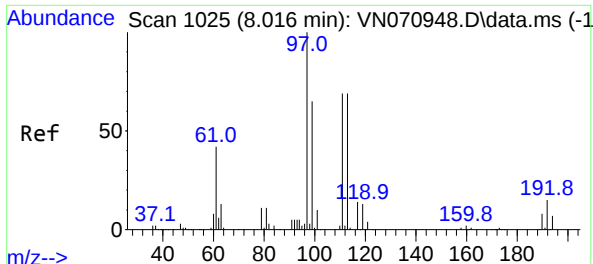
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 15.5 0.0 27.4

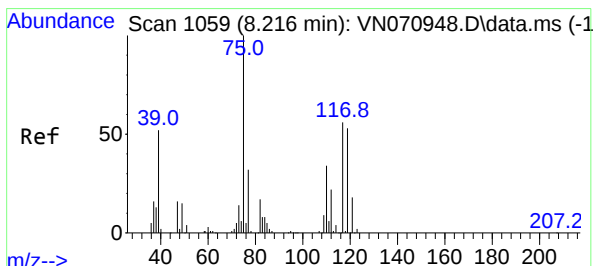
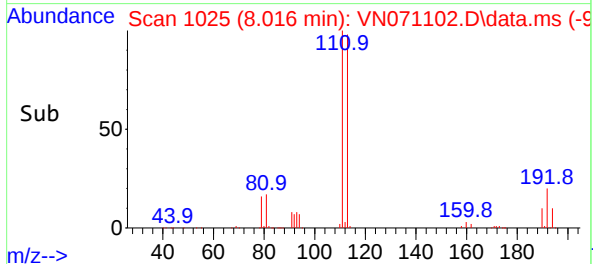
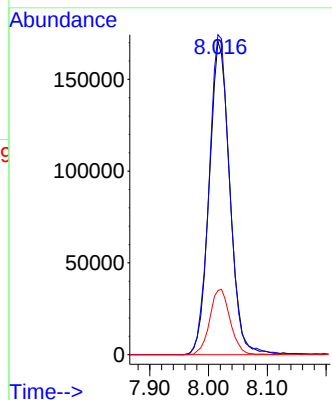
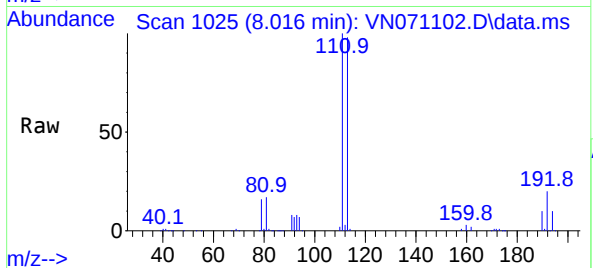




#35
Dibromofluoromethane
Concen: 48.673 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

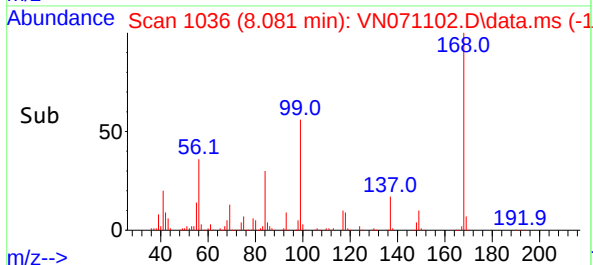
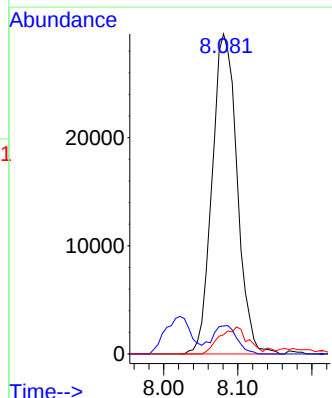
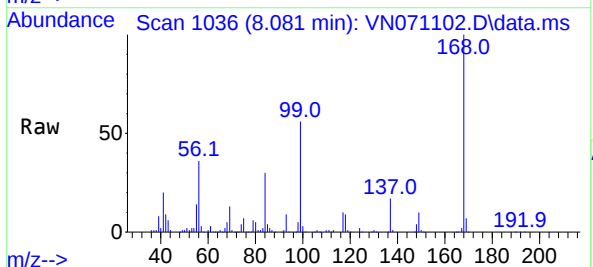
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

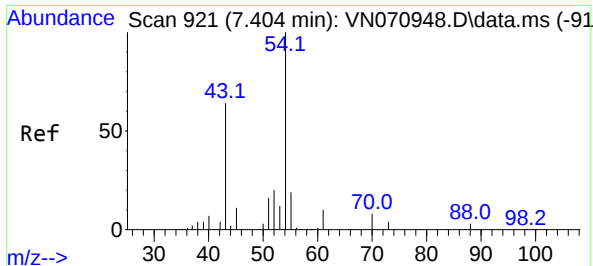
Tgt Ion:113 Resp: 415142
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 75 Resp: 69385
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 9.4 24.4 36.6#

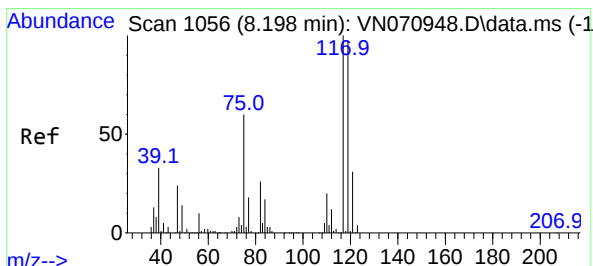
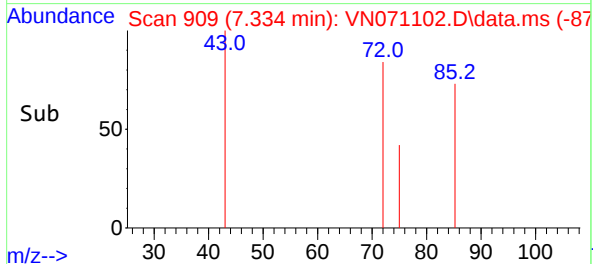
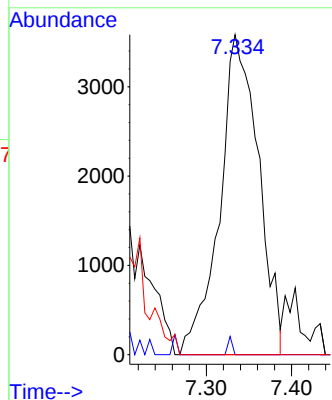
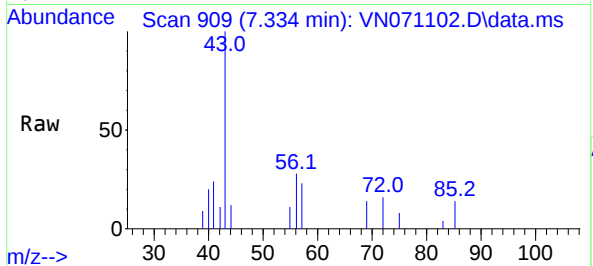




#37
Ethyl Acetate
Concen: 0.754 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.071 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

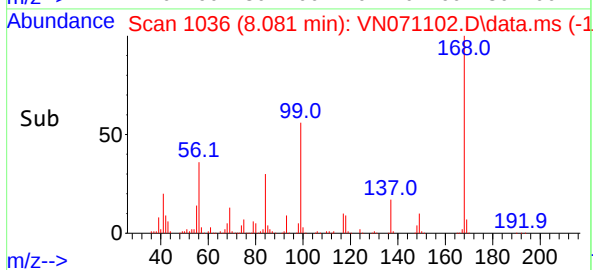
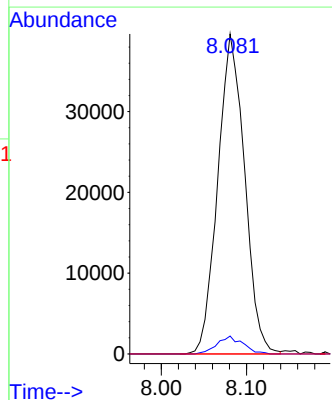
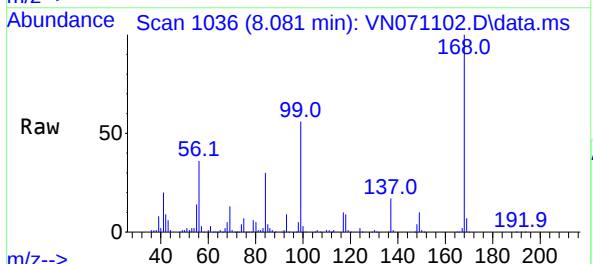
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

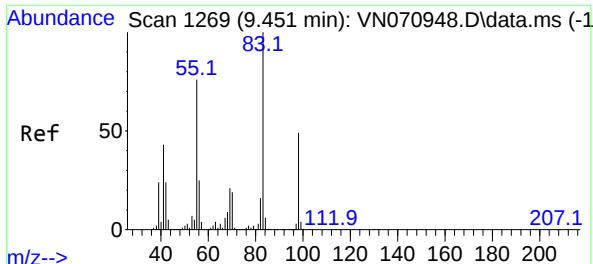
Tgt Ion: 43 Resp: 11303
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 117 Resp: 86623
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#

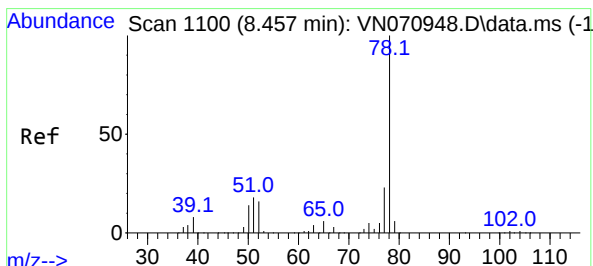
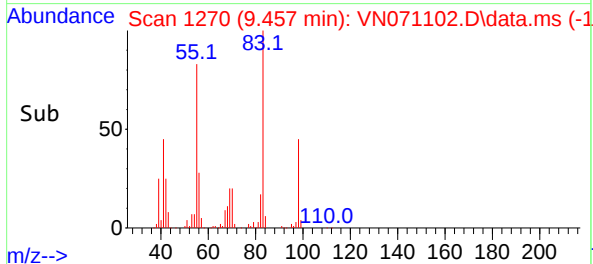
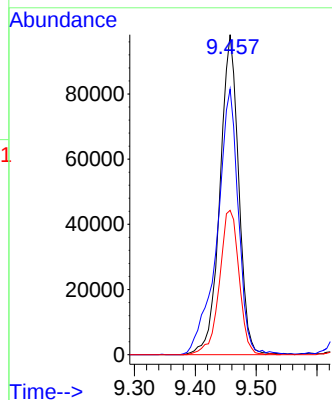
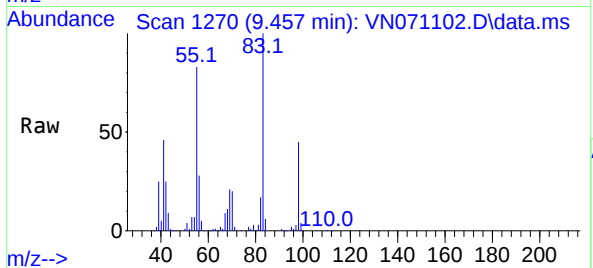




#39
Methylcyclohexane
Concen: 11.649 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

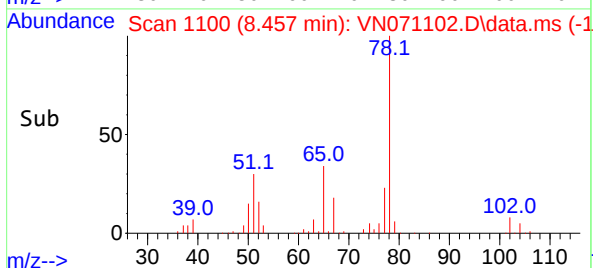
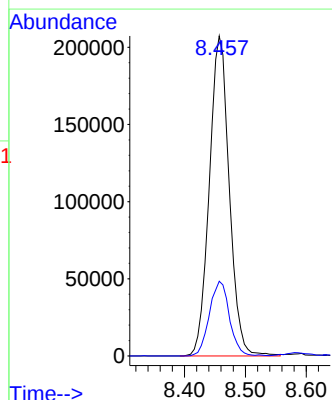
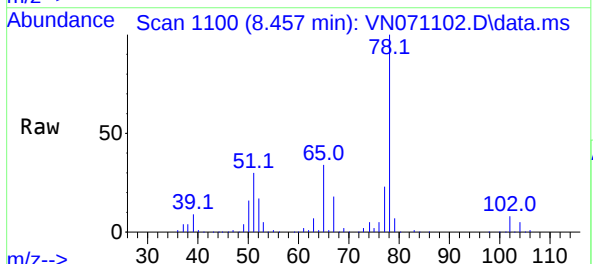
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

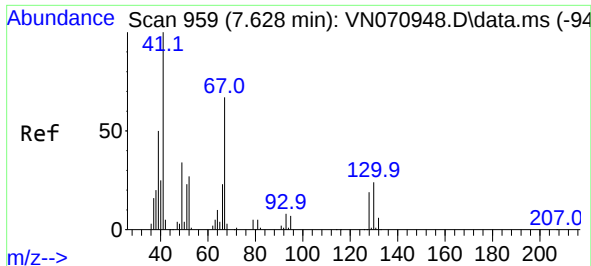
Tgt Ion: 83 Resp: 209454
Ion Ratio Lower Upper
83 100
55 83.0 58.1 87.1
98 45.1 38.4 57.6



#40
Benzene
Concen: 11.408 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 78 Resp: 471532
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

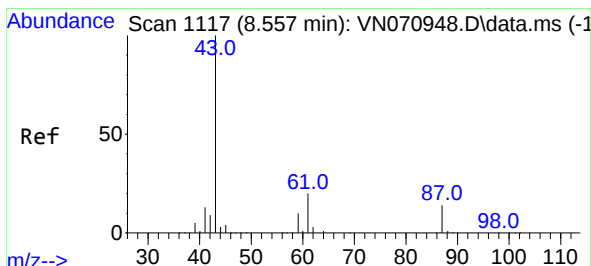
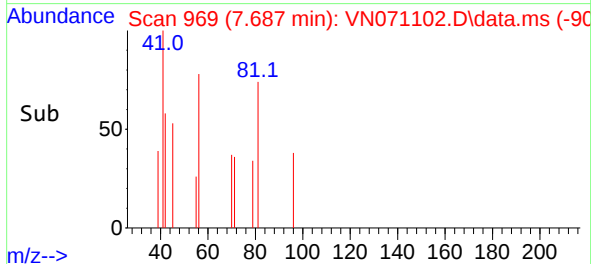
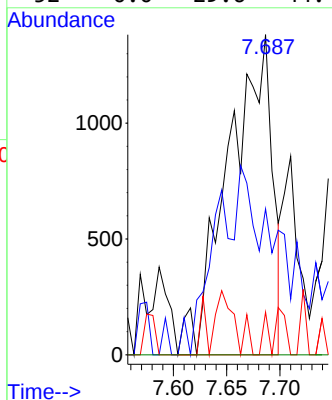
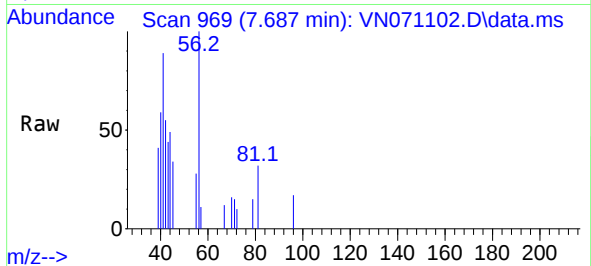




#41
Methacrylonitrile
Concen: 0.504 ug/l
RT: 7.687 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

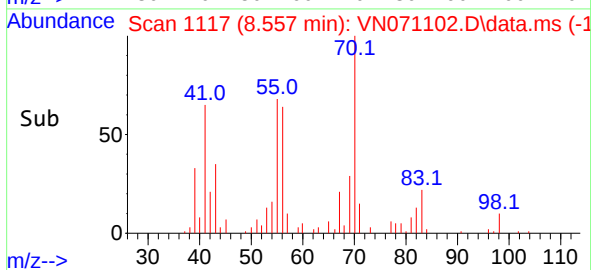
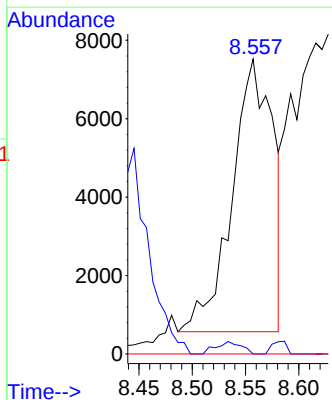
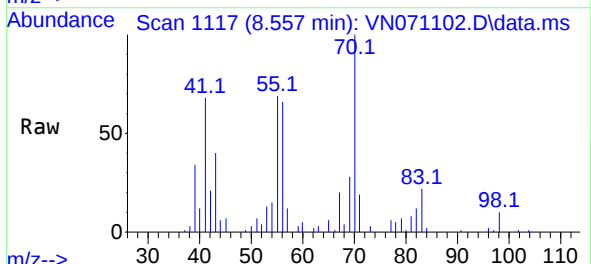
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

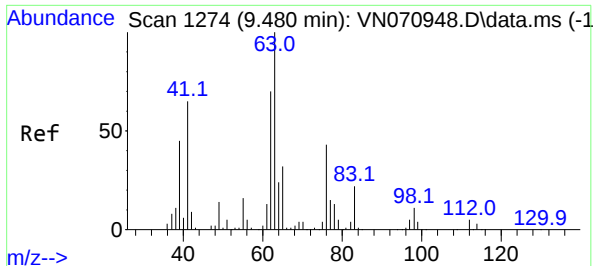
Tgt Ion:	41	Resp:	3976
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 0.787 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion:	43	Resp:	18583
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#





#45

1,2-Dichloropropane

Concen: 0.276 ug/l

RT: 9.451 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

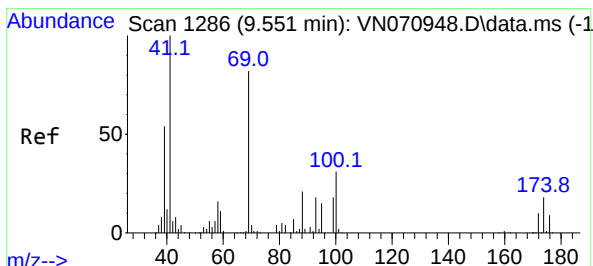
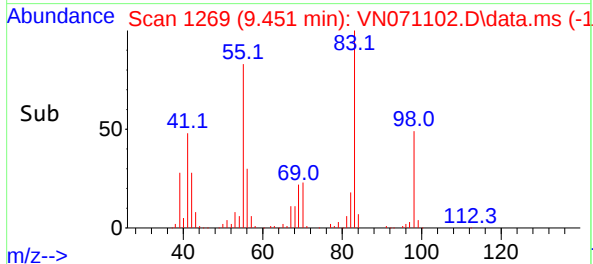
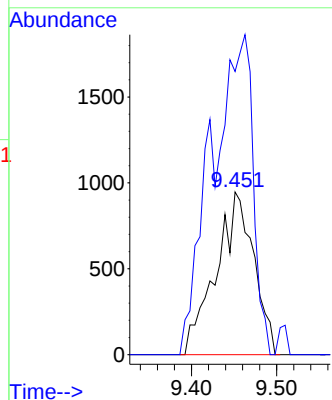
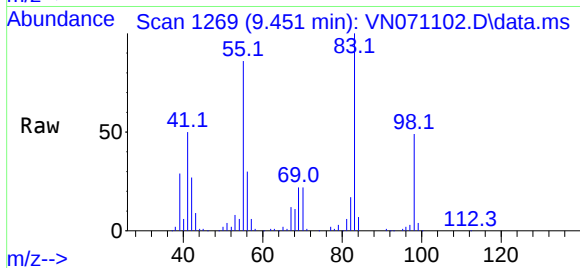
DUP022522

Tgt Ion: 63 Resp: 2926

Ion Ratio Lower Upper

63 100

65 174.1 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.545 ug/l

RT: 9.639 min Scan# 1301

Delta R.T. 0.088 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

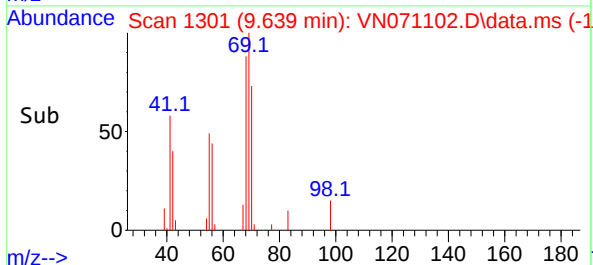
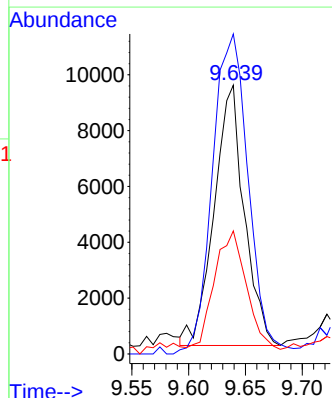
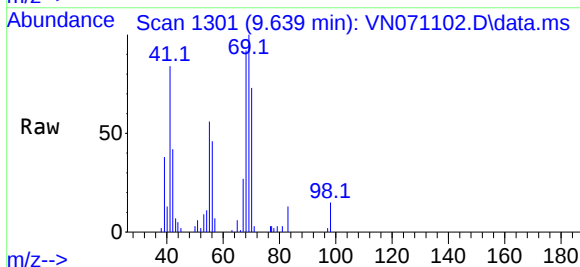
Tgt Ion: 41 Resp: 17275

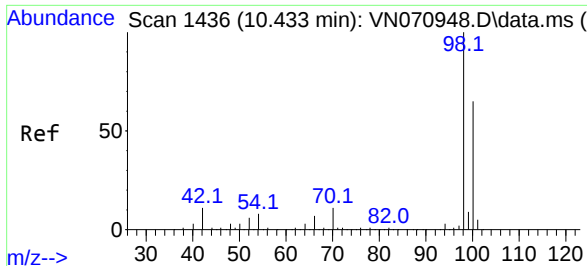
Ion Ratio Lower Upper

41 100

69 145.6 72.4 108.6#

39 47.8 58.4 87.6#

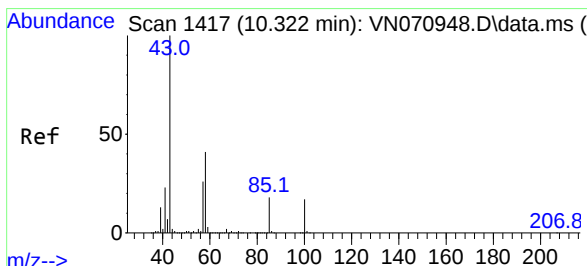
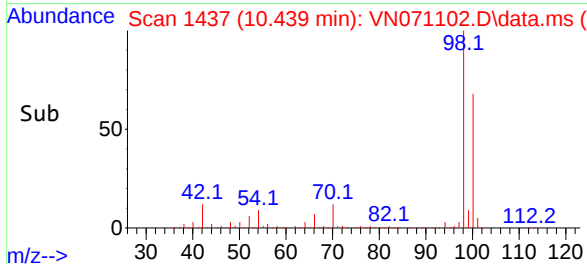
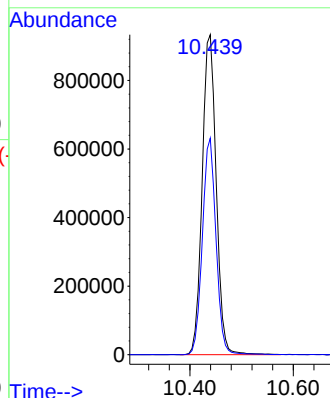
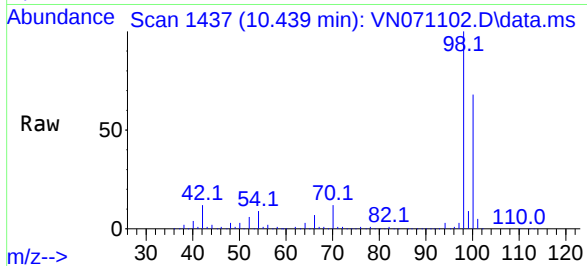




#50
Toluene-d8
Concen: 51.248 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

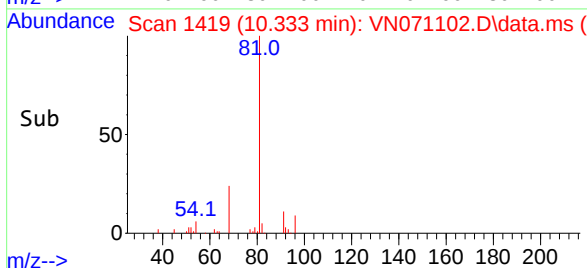
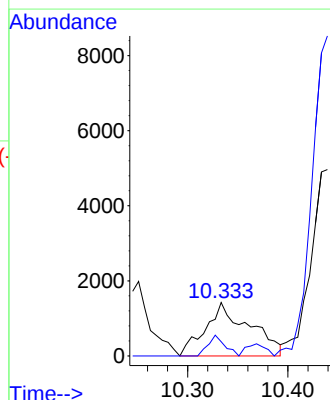
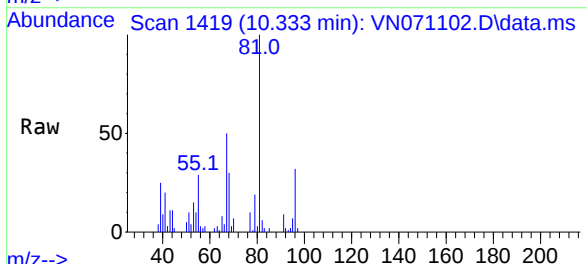
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

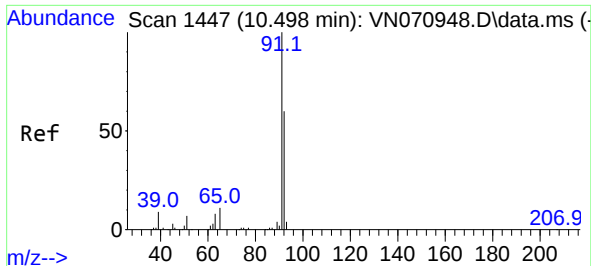
Tgt Ion: 98 Resp: 1755368
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.302 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
58 14.7 30.4 45.6#

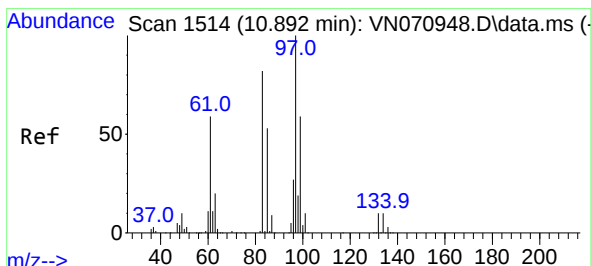
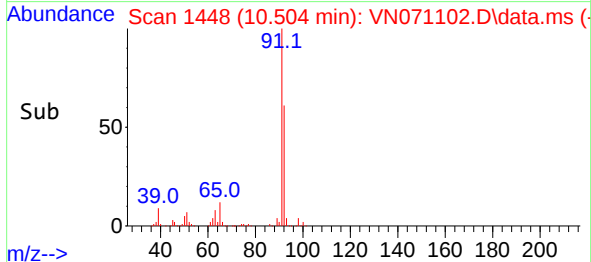
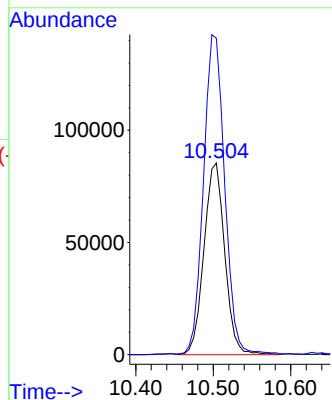
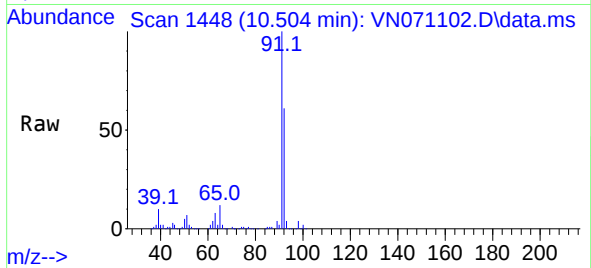




#52
Toluene
Concen: 6.134 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

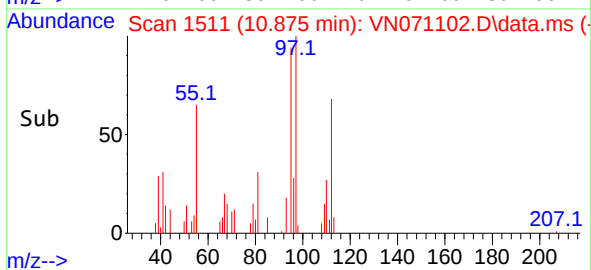
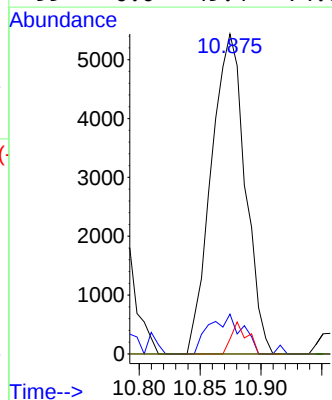
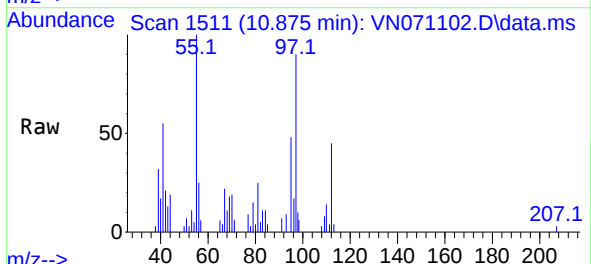
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

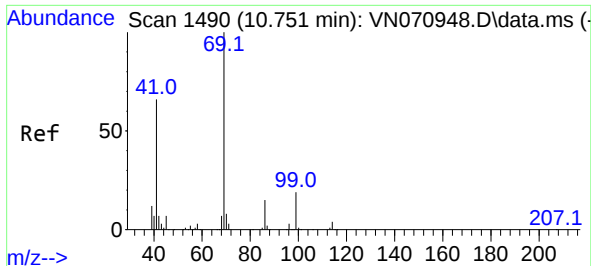
Tgt Ion: 92 Resp: 159328
Ion Ratio Lower Upper
92 100
91 170.8 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 1.039 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 97 Resp: 10563
Ion Ratio Lower Upper
97 100
83 12.4 67.8 101.6#
85 4.6 45.4 68.2#
99 0.0 49.4 74.0#

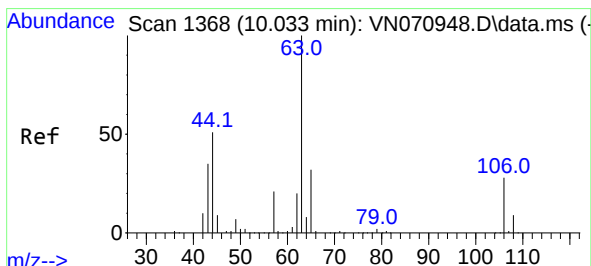
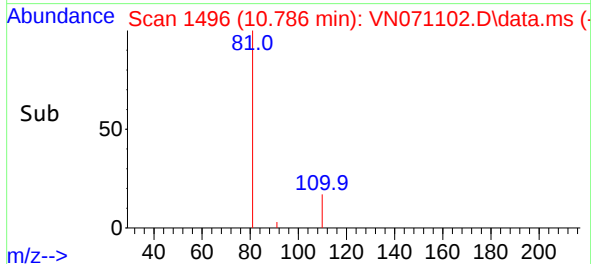
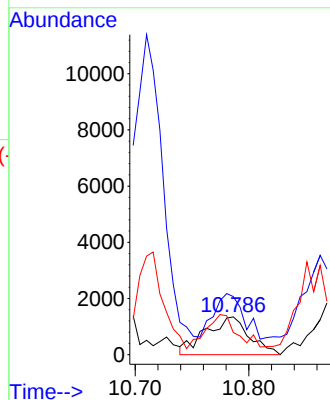
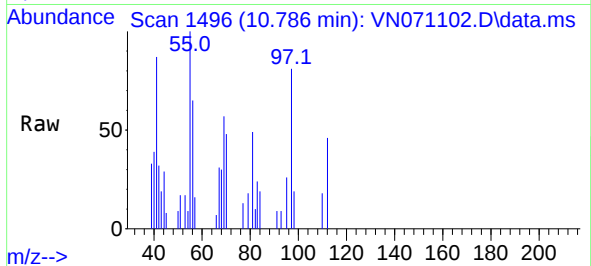




#56
Ethyl methacrylate
Concen: 0.234 ug/l
RT: 10.786 min Scan# 1490
Delta R.T. 0.035 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

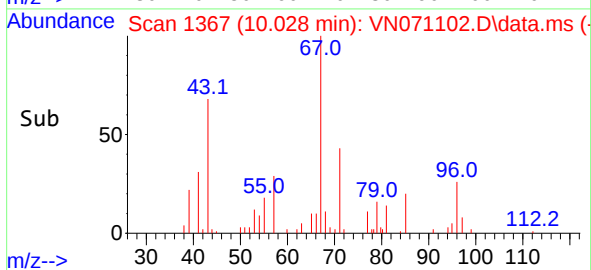
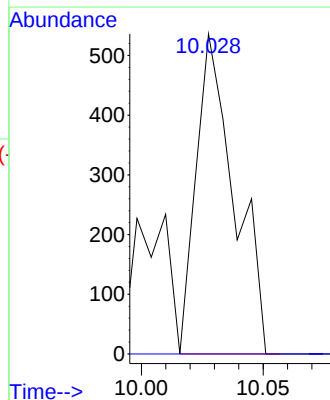
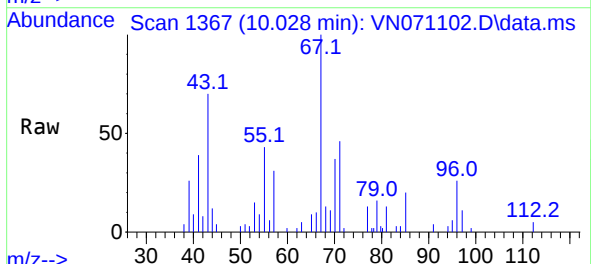
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

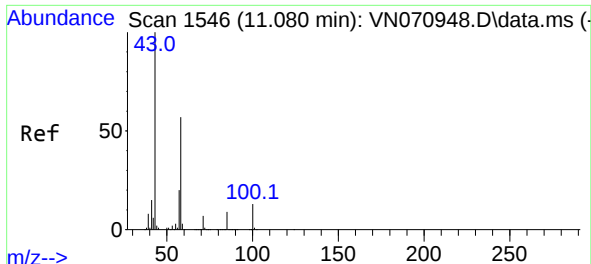
Tgt Ion: 69 Resp: 3577
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 68.4 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 31.951 ug/l
RT: 10.028 min Scan# 1367
Delta R.T. -0.005 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 63 Resp: 585
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

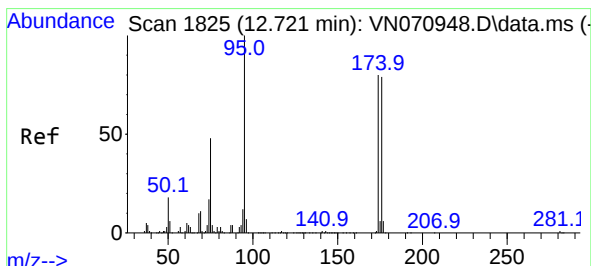
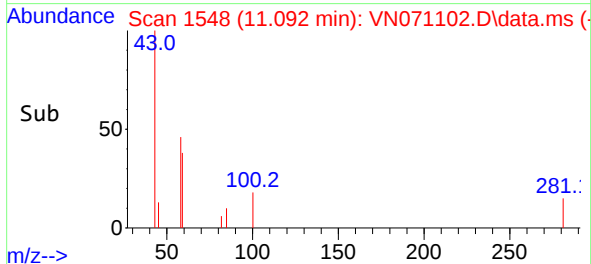
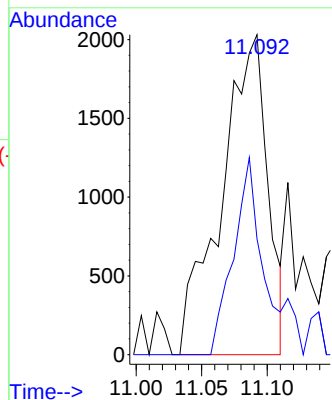
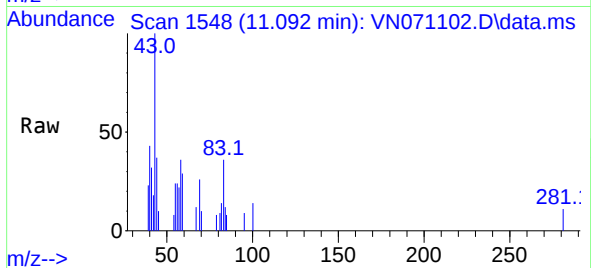




#59
2-Hexanone
Concen: 0.506 ug/l
RT: 11.092 min Scan# 11092
Delta R.T. 0.012 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

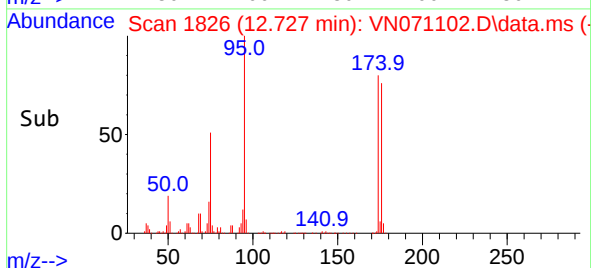
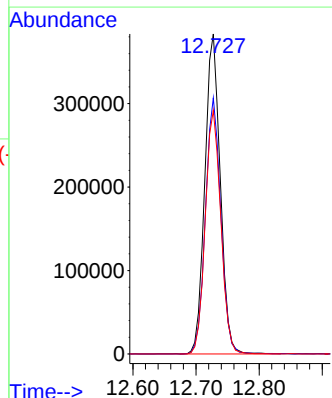
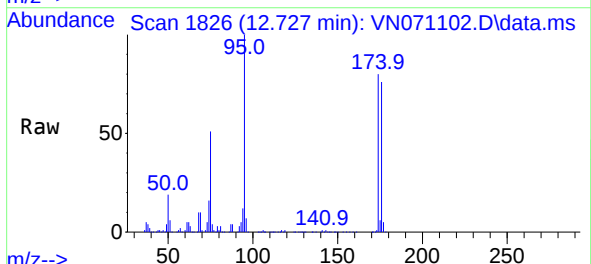
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

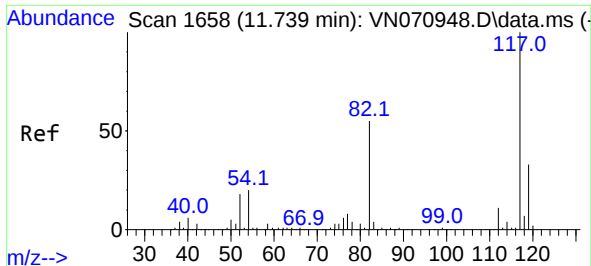
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
58 41.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 95 Resp: 648790
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 77.0 0.0 181.4

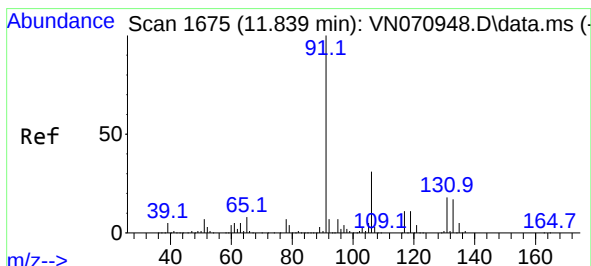
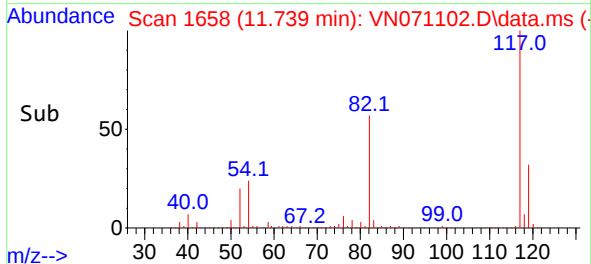
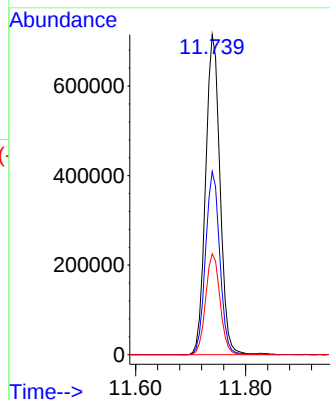
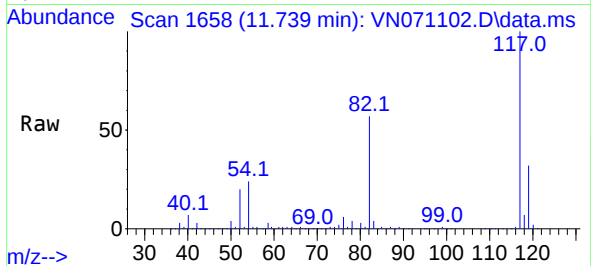




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

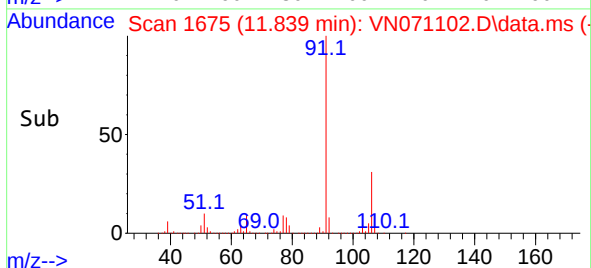
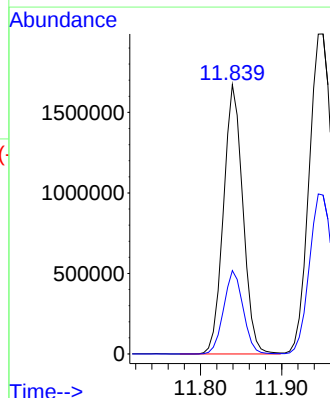
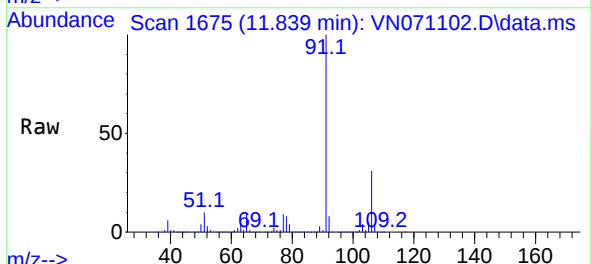
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

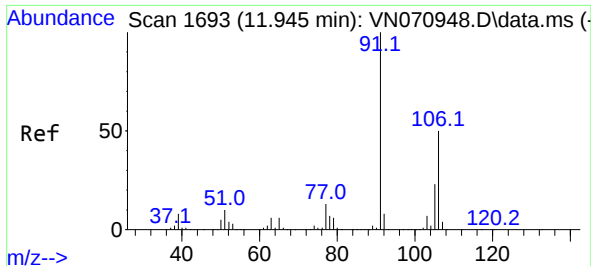
Tgt Ion:117 Resp: 1296451
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 56.850 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 91 Resp: 2779723
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

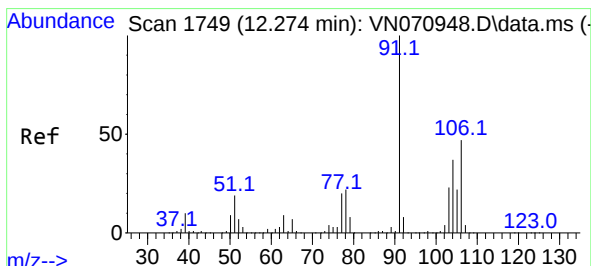
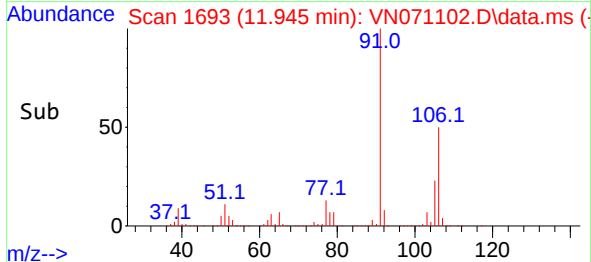
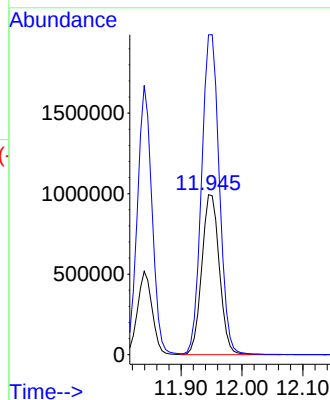
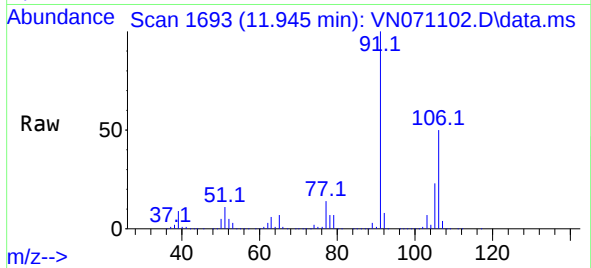




#68
m/p-Xylenes
Concen: 105.544 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

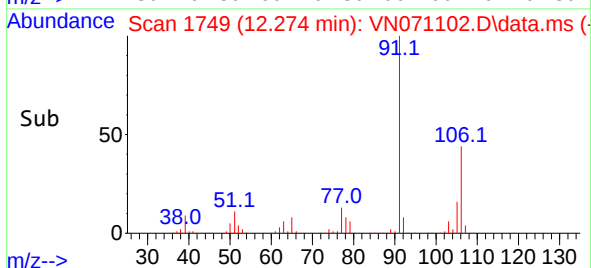
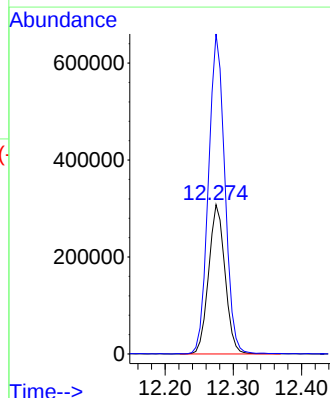
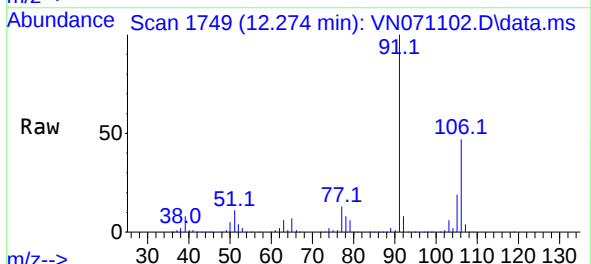
Instrument :
MSVOA_N
ClientSampleId :
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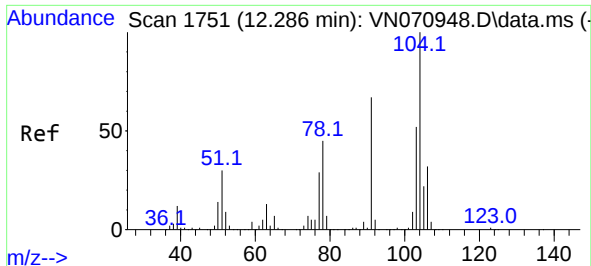
Tgt Ion:106 Resp: 1993374
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8



#69
o-Xylene
Concen: 27.896 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion:106 Resp: 514663
Ion Ratio Lower Upper
106 100
91 214.3 105.8 317.3

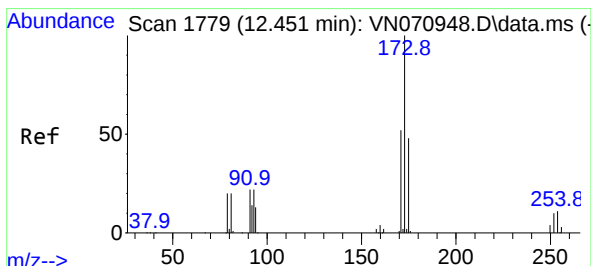
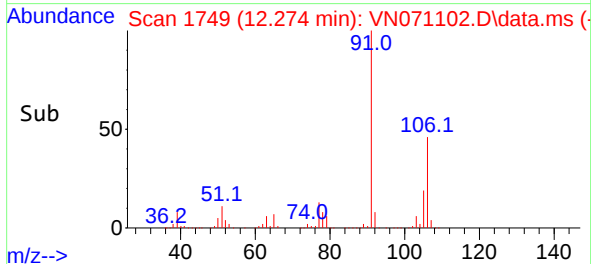
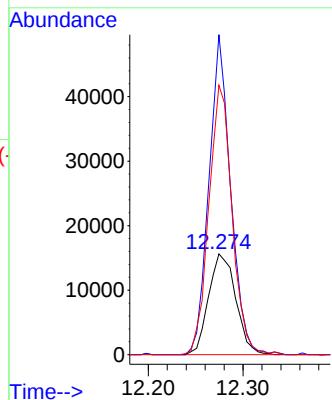
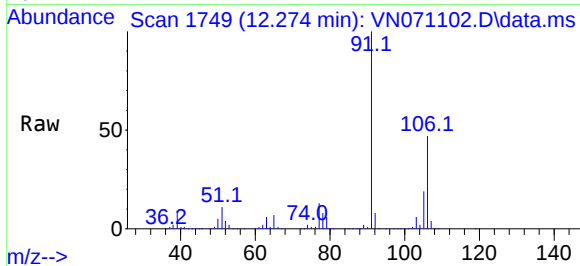




#70
Styrene
Concen: 1.061 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

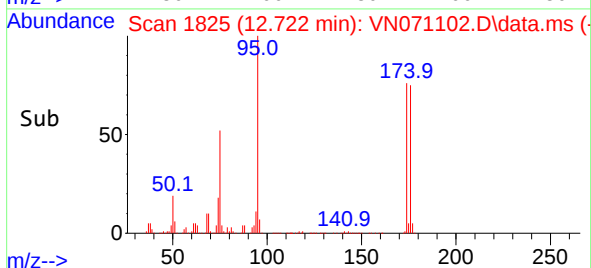
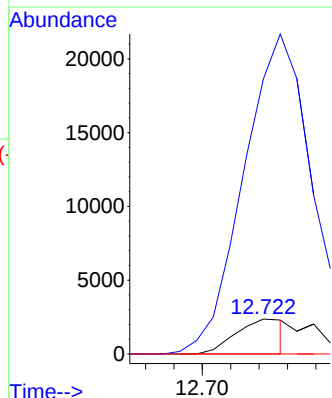
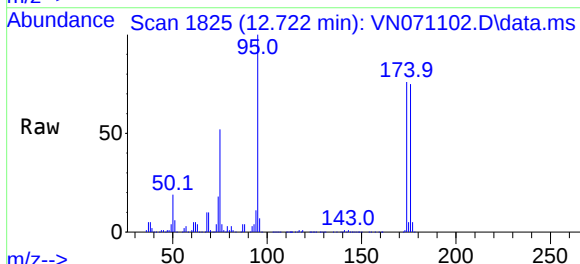
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

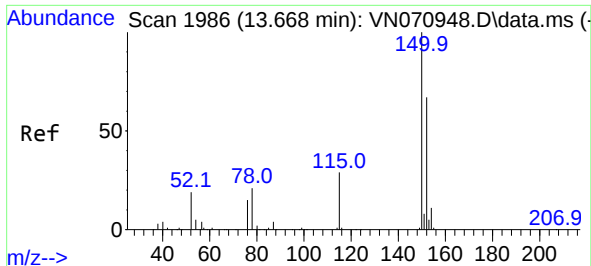
Tgt Ion:104 Resp: 31123
Ion Ratio Lower Upper
104 100
78 253.1 38.7 58.1#
103 229.0 45.0 67.6#



#71
Bromoform
Concen: 0.347 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion:173 Resp: 2814
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

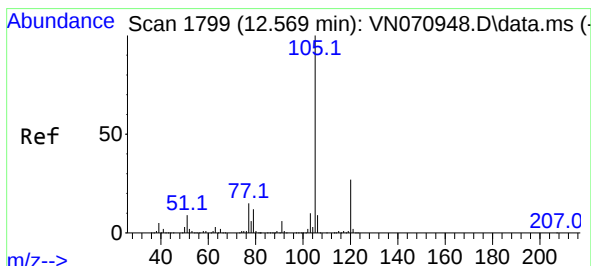
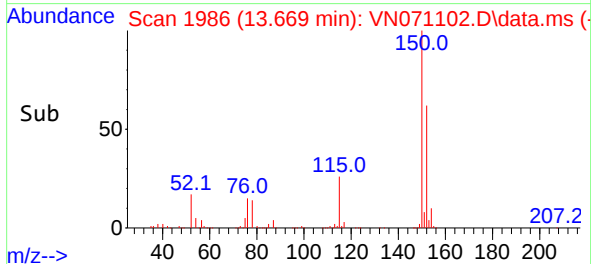
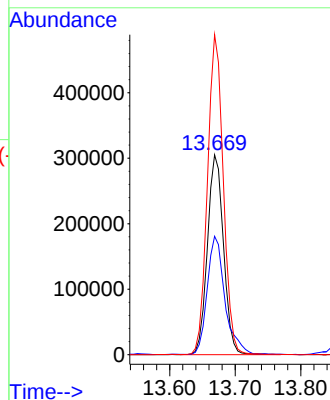
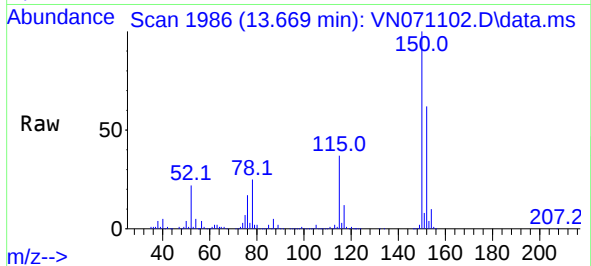




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

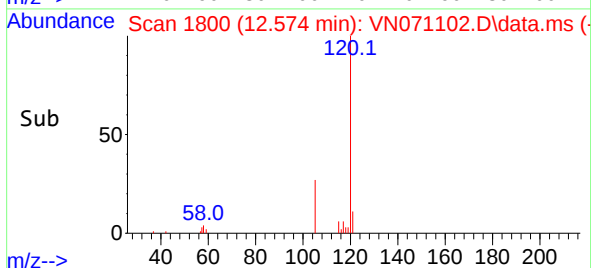
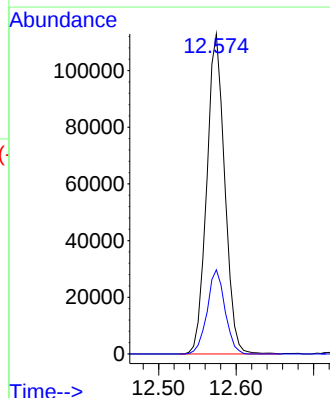
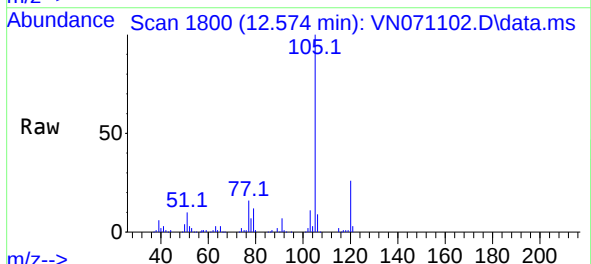
Instrument :
MSVOA_N
ClientSampleId :
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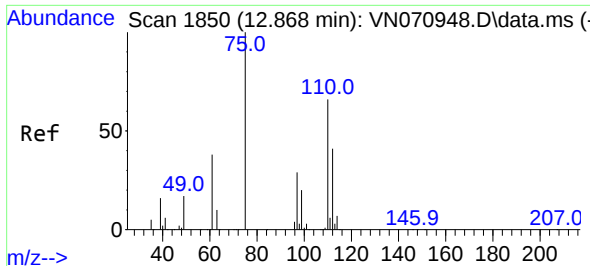
Tgt Ion:152 Resp: 520728
Ion Ratio Lower Upper
152 100
115 66.2 27.5 82.5
150 157.3 0.0 344.4



#73
Isopropylbenzene
Concen: 4.335 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion:105 Resp: 181689
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

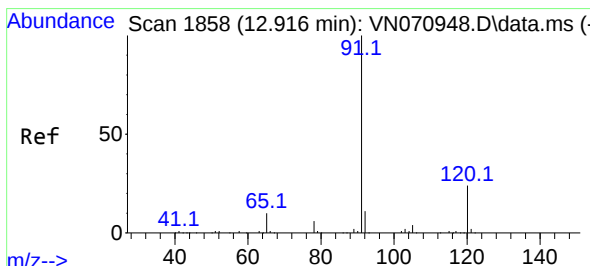
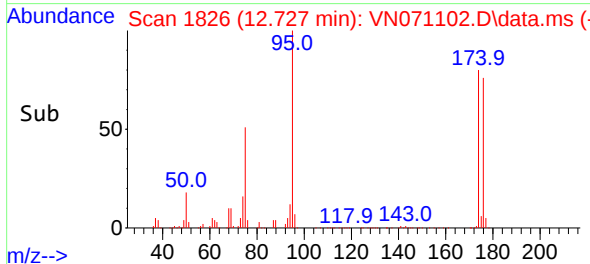
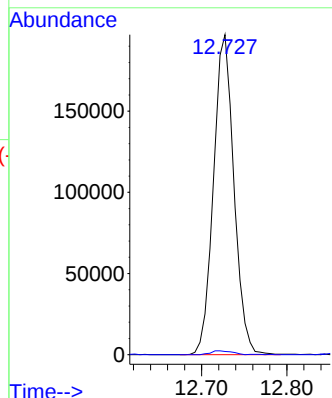
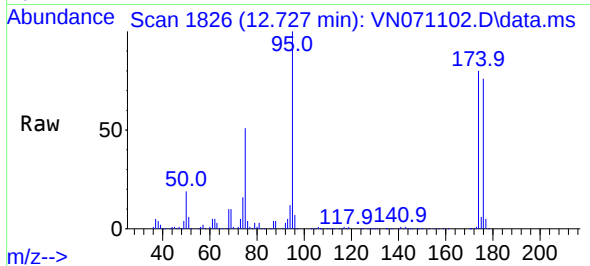




#76
1,2,3-Trichloropropane
Concen: 26.823 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

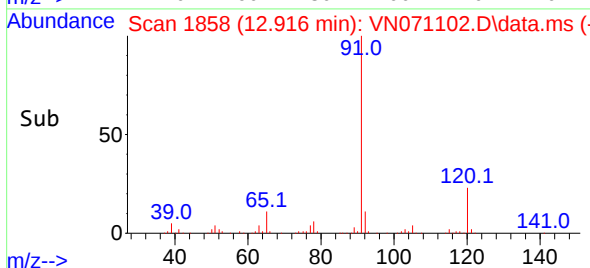
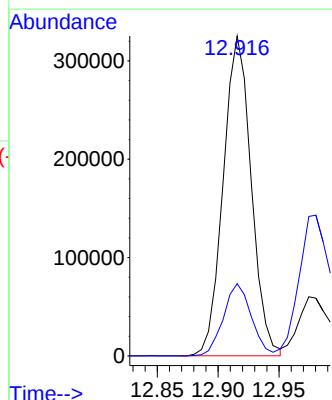
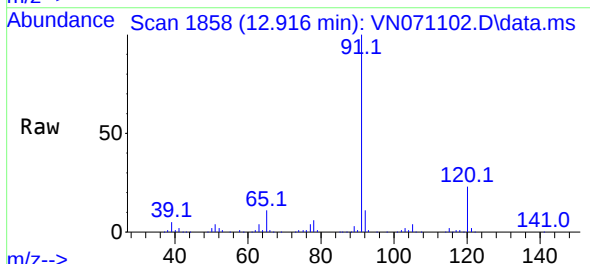
Instrument :
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ClientSampleId :
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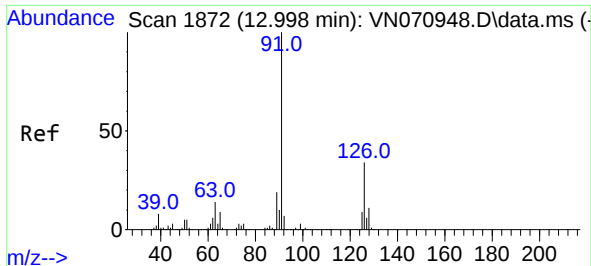
Tgt Ion: 75 Resp: 328868
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#78
n-propylbenzene
Concen: 11.033 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 91 Resp: 519563
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

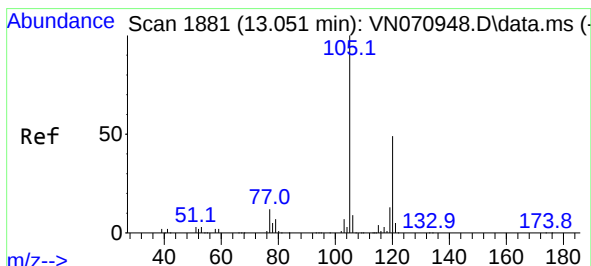
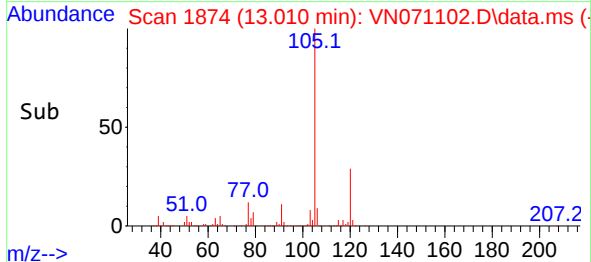
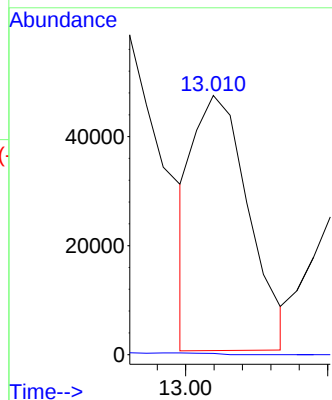
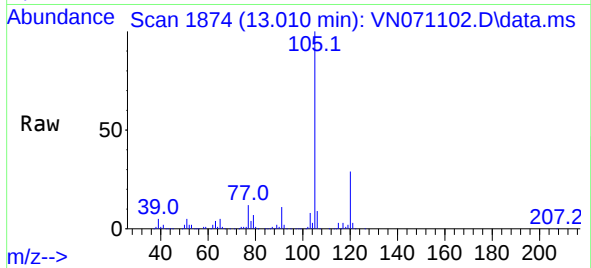




#79
2-Chlorotoluene
Concen: 2.214 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.012 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

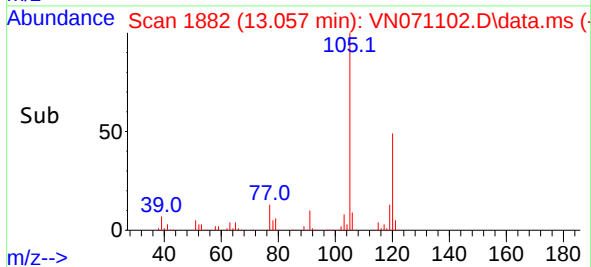
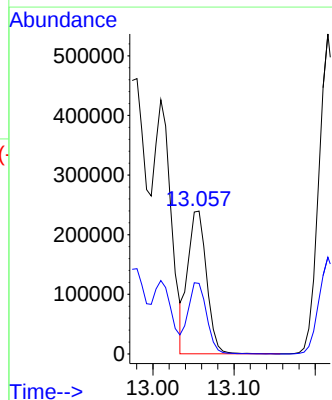
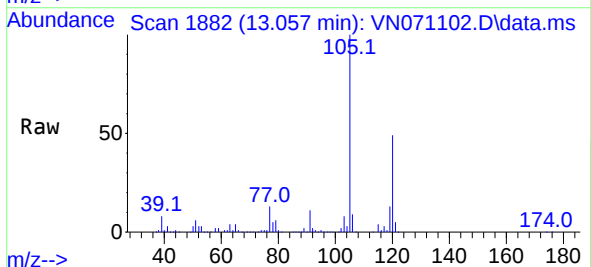
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

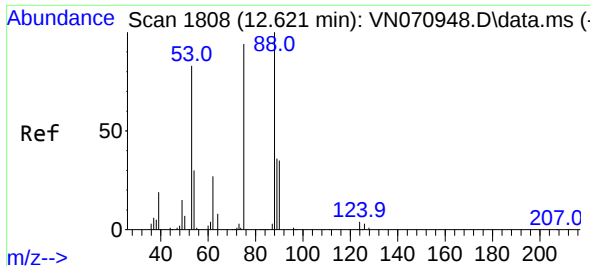
Tgt Ion: 91 Resp: 63317
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 11.395 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

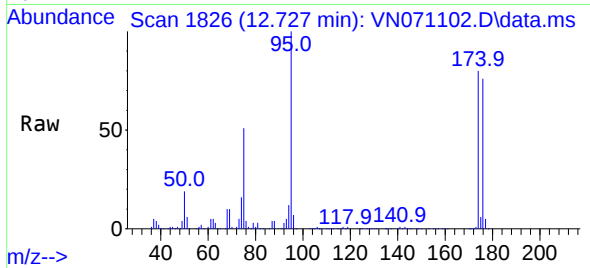
Tgt Ion: 105 Resp: 386931
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6



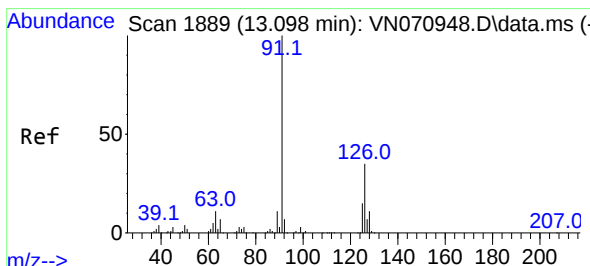
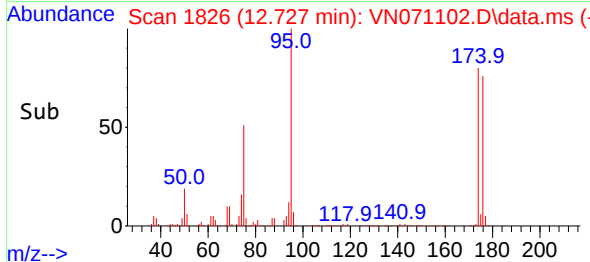
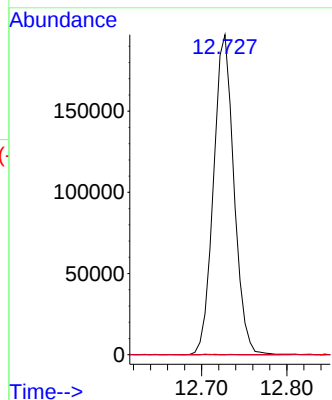


#81
trans-1,4-Dichloro-2-butene
Concen: 86.919 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
DUP022522

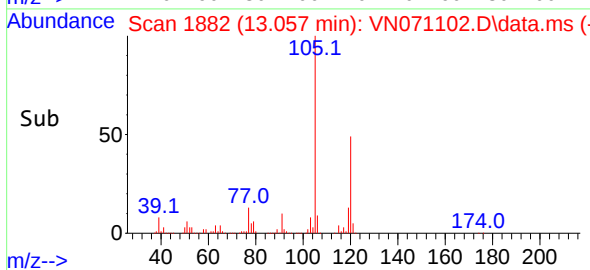
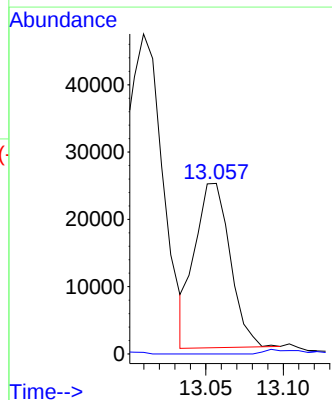
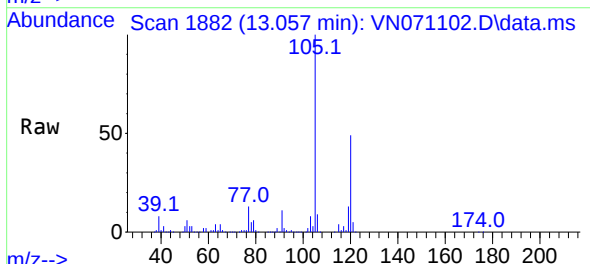


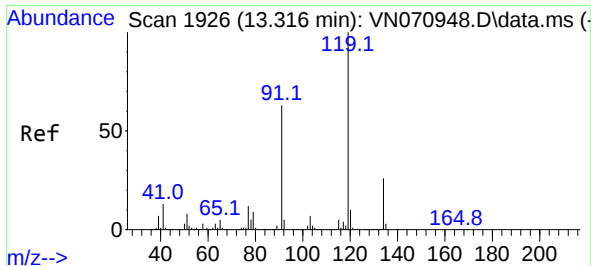
Tgt Ion: 75 Resp: 328868
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.392 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 91 Resp: 38648
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

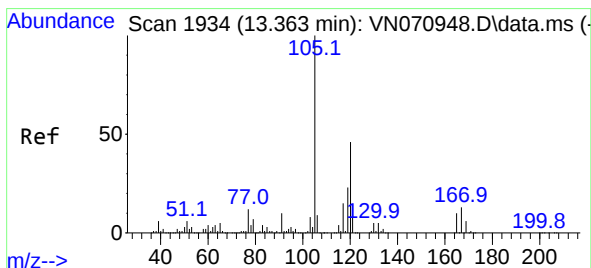
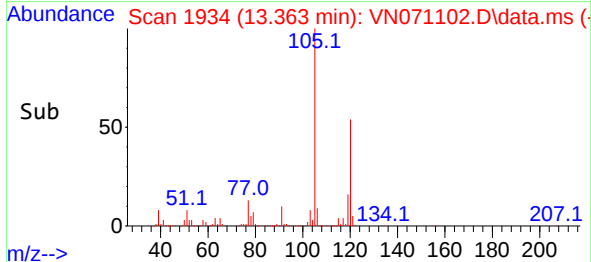
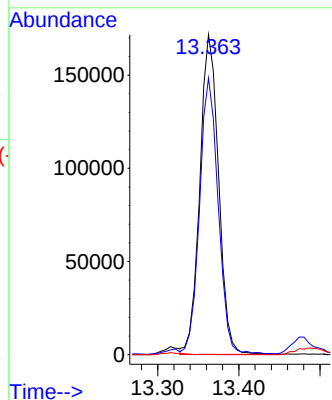
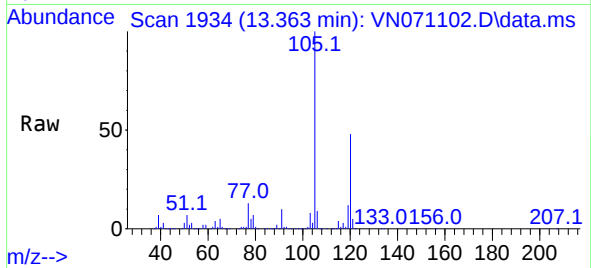




#83
tert-Butylbenzene
Concen: 8.537 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

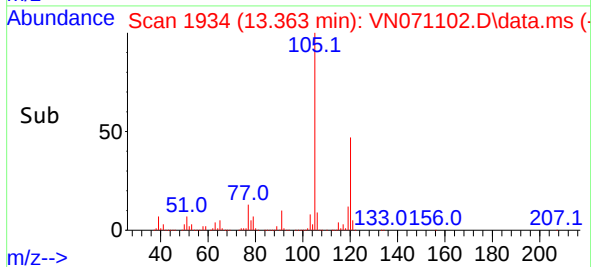
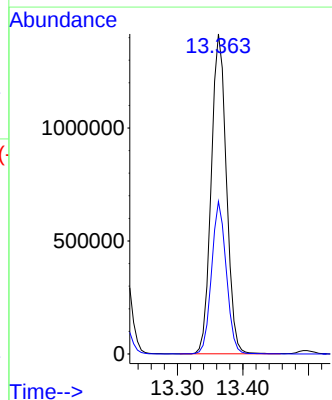
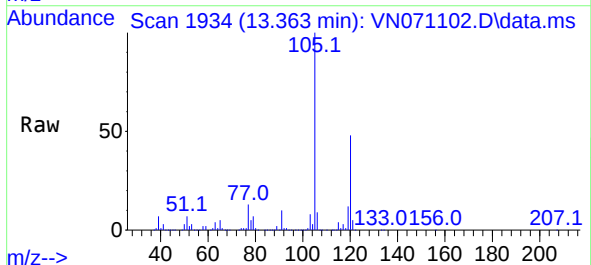
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

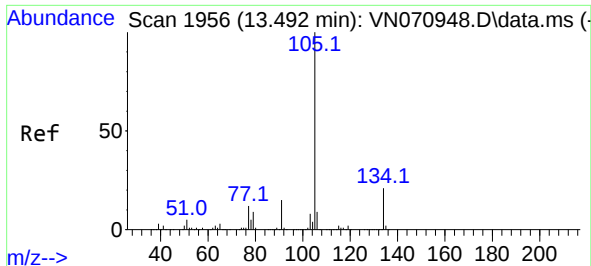
Tgt Ion:119 Resp: 274910
Ion Ratio Lower Upper
119 100
91 87.7 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 68.141 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion:105 Resp: 2277702
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4

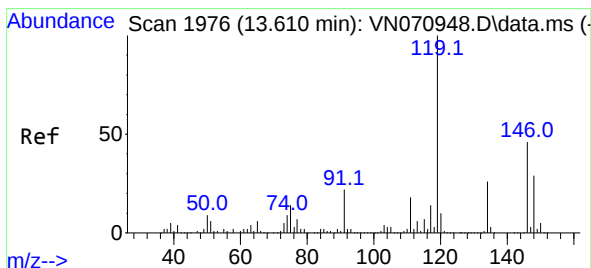
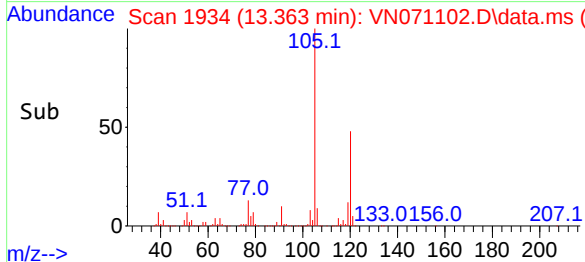
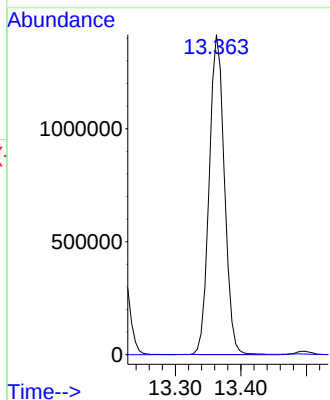
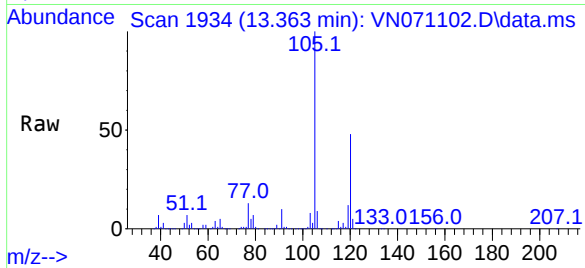




#85
 sec-Butylbenzene
 Concen: 53.676 ug/l
 RT: 13.363 min Scan# 1956
 Delta R.T. -0.129 min
 Lab File: VN071102.D
 Acq: 28 Feb 2022 18:20

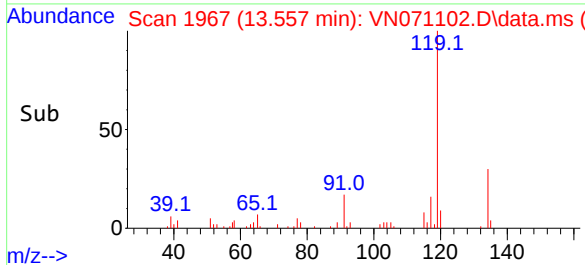
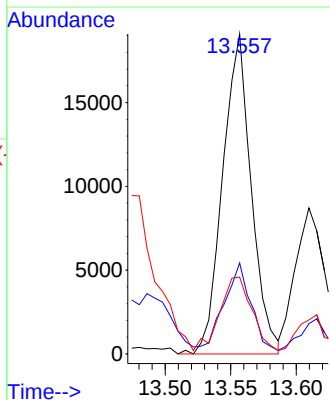
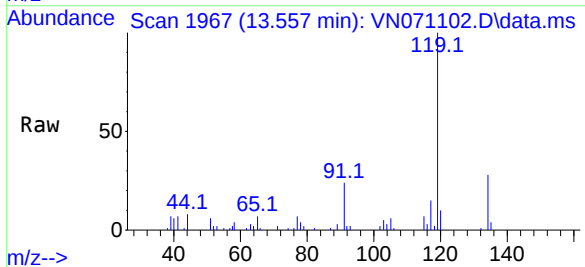
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022522

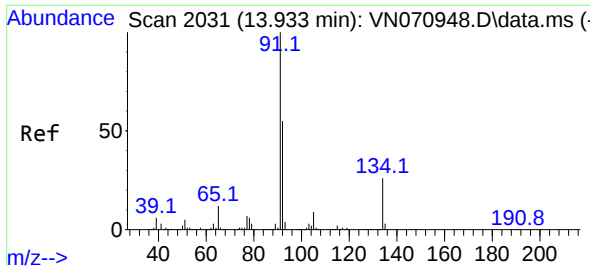
Tgt Ion:105 Resp: 2277702
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.833 ug/l
 RT: 13.557 min Scan# 1967
 Delta R.T. -0.053 min
 Lab File: VN071102.D
 Acq: 28 Feb 2022 18:20

Tgt Ion:119 Resp: 29013
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.6 40.7
 91 25.3 11.4 34.1

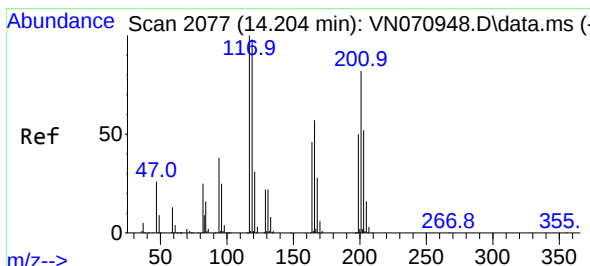
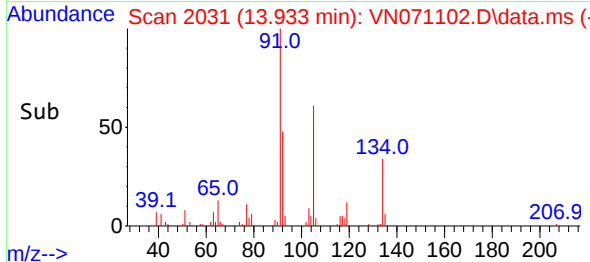
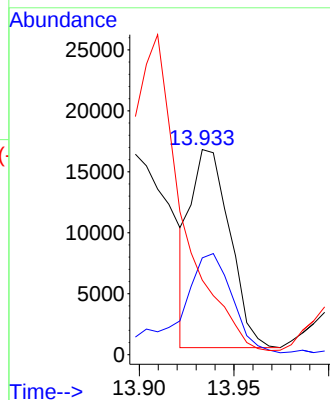
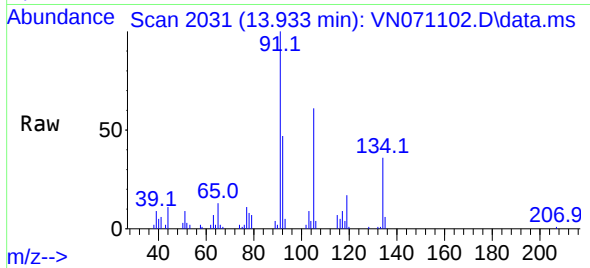




#89
n-Butylbenzene
Concen: 0.817 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

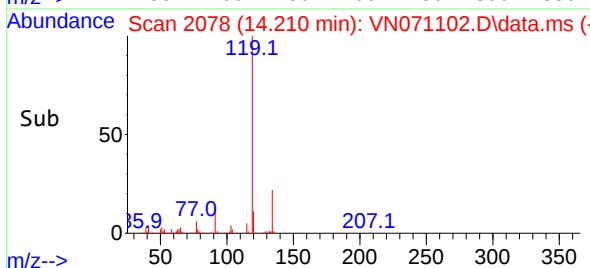
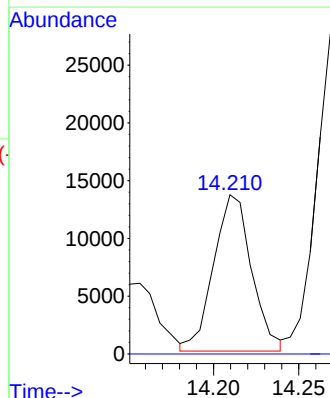
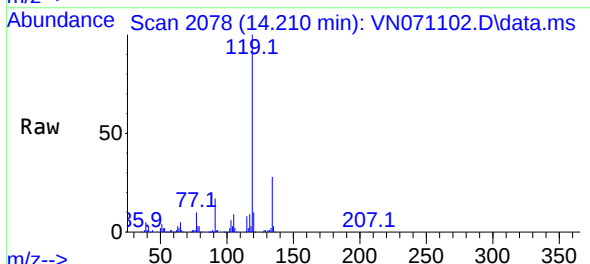
Instrument :
MSVOA_N
ClientSampleId :
DUP022522

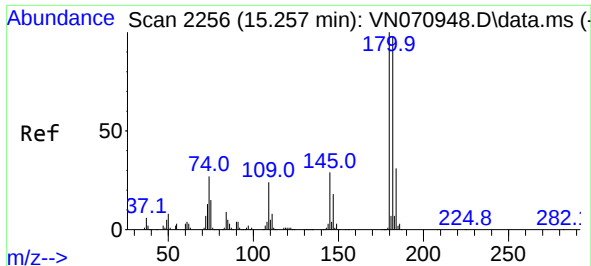
Tgt Ion: 91 Resp: 23221
Ion Ratio Lower Upper
91 100
92 64.7 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 3.366 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071102.D
Acq: 28 Feb 2022 18:20

Tgt Ion: 117 Resp: 20938
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#93

1,2,4-Trichlorobenzene

Concen: 2.237 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

DUP022522

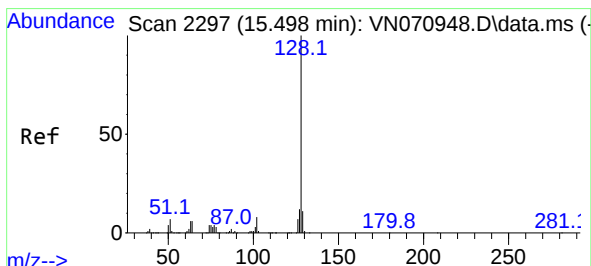
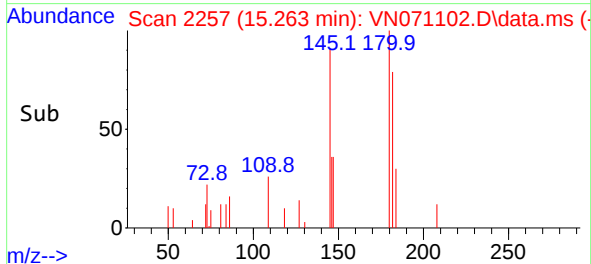
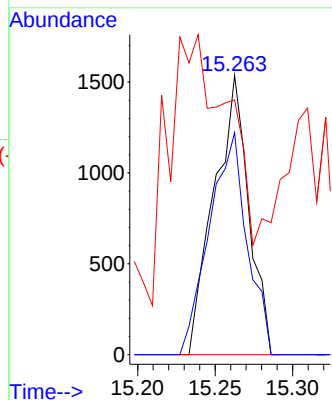
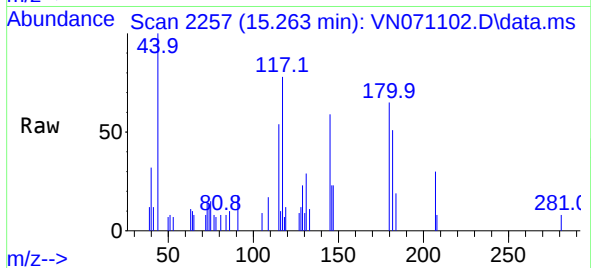
Tgt Ion:180 Resp: 2376

Ion Ratio Lower Upper

180 100

182 86.8 48.3 144.9

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 23.684 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN071102.D

Acq: 28 Feb 2022 18:20

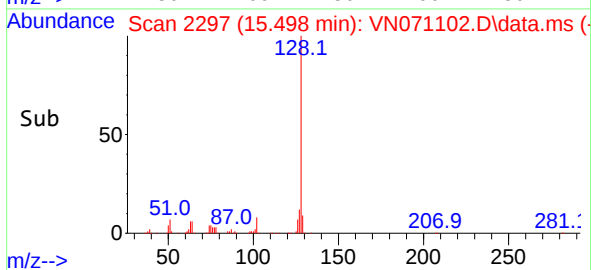
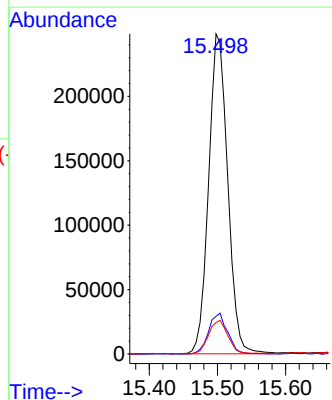
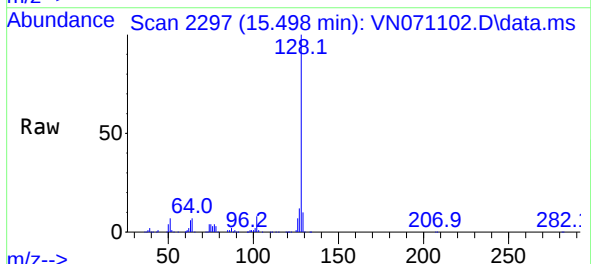
Tgt Ion:128 Resp: 483469

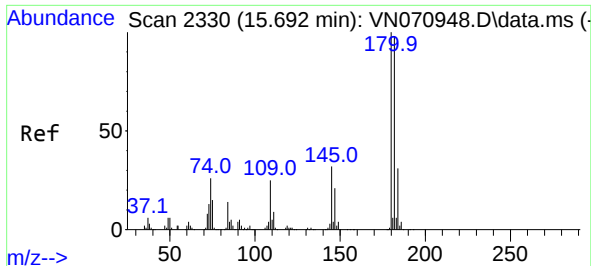
Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

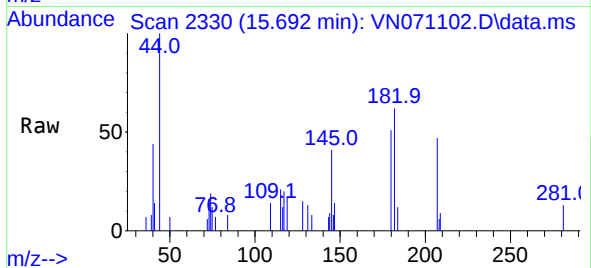
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.790 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071102.D
 Acq: 28 Feb 2022 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP022522



Tgt Ion:180 Resp: 2552
 Ion Ratio Lower Upper
 180 100
 182 98.9 47.4 142.2
 145 0.0 15.0 45.1#

