

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075548.D
 Acq On : 02 Dec 2022 21:40
 Operator : JC\MD
 Sample : N5865-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: Dec 03 00:39:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	154271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	256524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	237699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	44871	54.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	8.177	113	61002	60.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.080%	
50) Toluene-d8	10.571	98	119521	52.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.853	95	91063	54.358	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.720%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2233	1.521	ug/l	100
4) Vinyl Chloride	2.524	62	32907	17.789	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	346	0.237	ug/l #	20
11) Tert butyl alcohol	5.806	59	24973	71.838	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	319551	223.676	ug/l	90
16) Acetone	4.459	43	4737	6.133	ug/l	96
17) Carbon Disulfide	4.730	76	28725	7.737	ug/l	97
18) Methyl Acetate	5.053	43	1007	Below Cal	#	59
20) Methylene Chloride	5.289	84	1860	Below Cal	#	89
21) trans-1,2-Dichloroethene	5.800	96	680728	418.104	ug/l	97
24) 1,1-Dichloroethane	6.583	63	37648	13.909	ug/l	97
25) 2-Butanone	7.500	43	597	0.554	ug/l #	1
30) Chloroform	7.977	83	42234	13.587	ug/l	97
31) Cyclohexane	8.235	56	2993	1.138	ug/l #	32
32) 1,1,1-Trichloroethane	8.177	97	633483	224.451	ug/l	92
36) 1,1-Dichloropropene	8.235	75	10538	4.795	ug/l #	50
38) Carbon Tetrachloride	8.177	117	98232	40.691	ug/l	99
39) Methylcyclohexane	9.353	83	369576	134.373	ug/l #	1
41) Methacrylonitrile	7.547	41	246	0.243	ug/l #	18
43) Isopropyl Acetate	8.788	43	2929	0.922	ug/l #	61
45) 1,2-Dichloropropane	9.353	63	53973	33.662	ug/l #	1
47) Bromodichloromethane	9.935	83	887	0.378	ug/l #	24
48) Methyl methacrylate	9.659	41	2092	1.424	ug/l #	33
52) Toluene	10.635	92	491868	113.443	ug/l	100
53) t-1,3-Dichloropropene	10.635	75	5471	2.320	ug/l #	1
55) 1,1,2-Trichloroethane	11.023	97	2469	1.398	ug/l #	85
59) 2-Hexanone	11.194	43	1343	0.884	ug/l	94
60) Dibromochloromethane	11.106	129	50785	28.017	ug/l #	11
64) Tetrachloroethene	11.106	164	55039	30.321	ug/l	93
67) Ethyl Benzene	11.965	91	569667	68.021	ug/l	99
68) m/p-Xylenes	12.070	106	748637	220.127	ug/l	99
69) o-Xylene	12.400	106	351286	103.960	ug/l	96
70) Styrene	12.406	104	22062	4.139	ug/l #	1
73) Isopropylbenzene	12.700	105	8101	1.015	ug/l	94
74) N-amyl acetate	12.459	43	3886	1.584	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.935	83	1133	0.466	ug/l #	77

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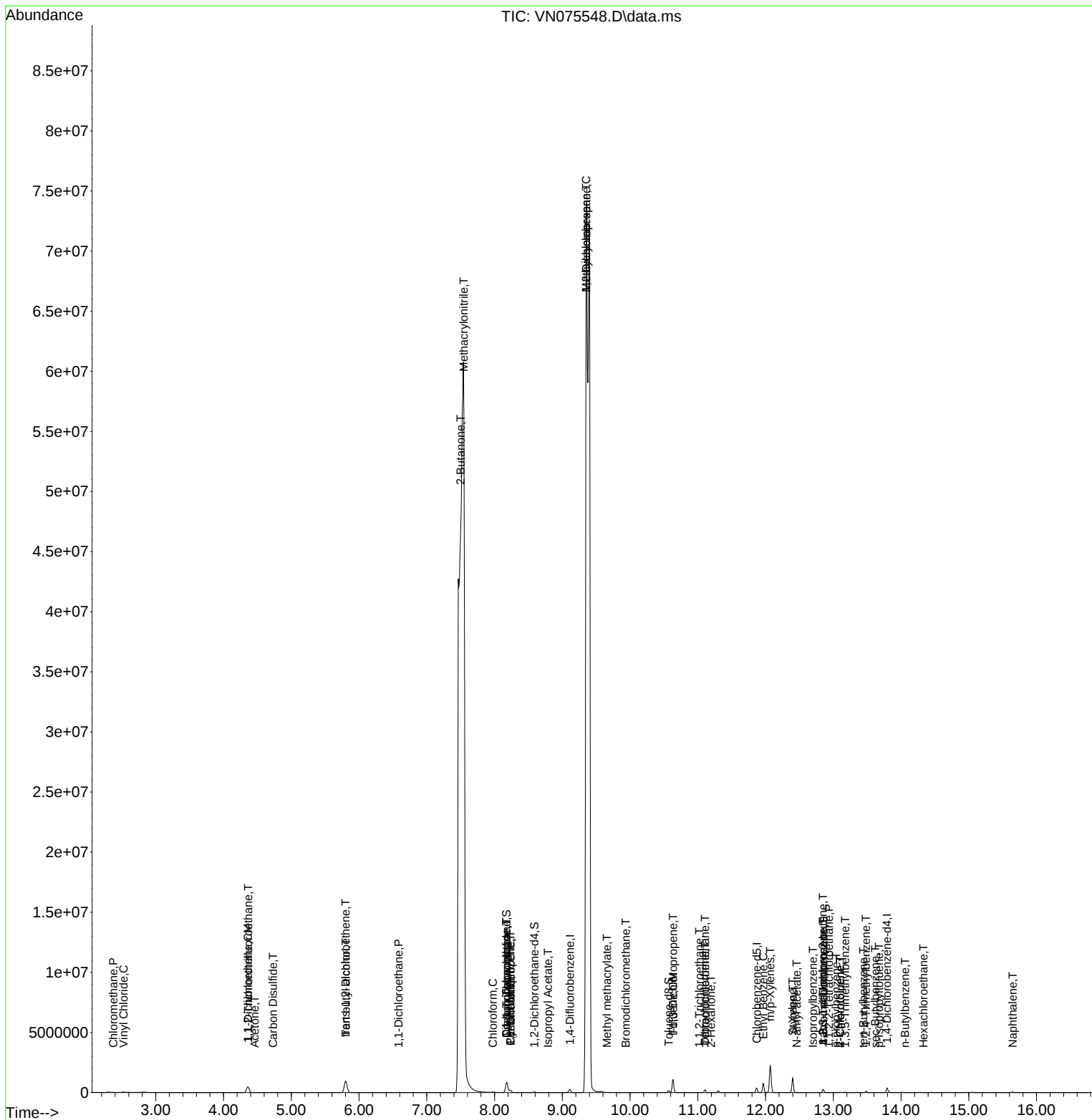
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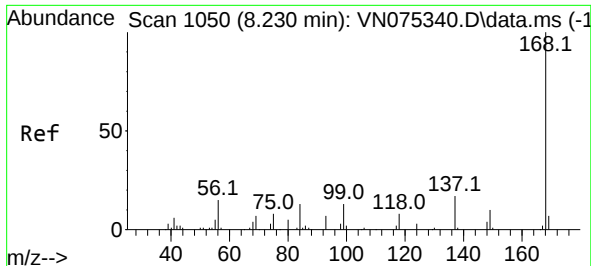
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	12.847	75	45903	22.226	ug/l #	1
78) n-propylbenzene	13.041	91	8734	0.981	ug/l	97
79) 2-Chlorotoluene	13.100	91	4513	0.841	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	22625	3.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	45903	65.761	ug/l #	10
82) 4-Chlorotoluene	13.100	91	4513	0.841	ug/l #	41
83) tert-Butylbenzene	13.441	119	1636	0.271	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	66944	10.066	ug/l	97
85) sec-Butylbenzene	13.617	105	4005	0.488	ug/l #	59
86) p-Isopropyltoluene	13.676	119	6801	0.985	ug/l	99
89) n-Butylbenzene	14.059	91	3150	0.540	ug/l #	73
90) Hexachloroethane	14.329	117	1258	1.057	ug/l #	19
95) Naphthalene	15.647	128	60610	10.332	ug/l	99

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

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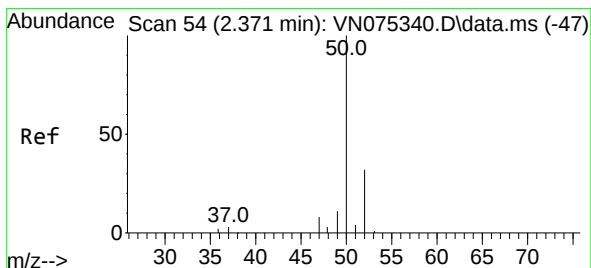
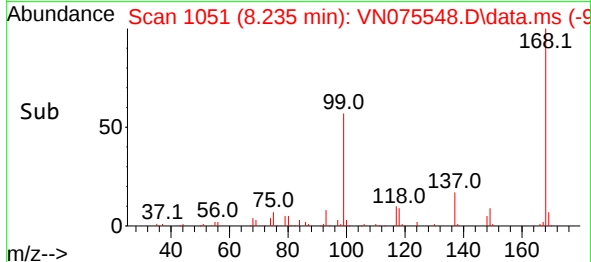
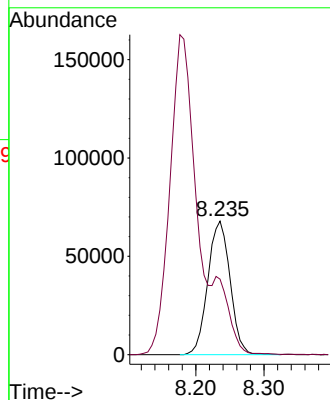
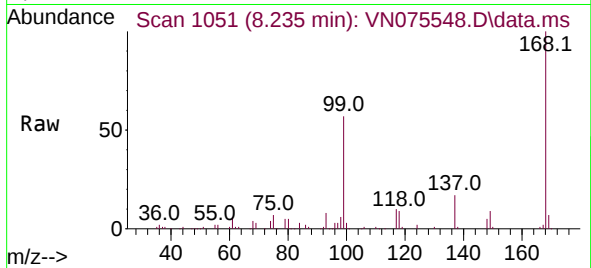




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN075548.D
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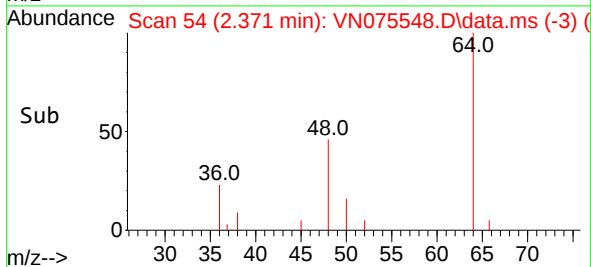
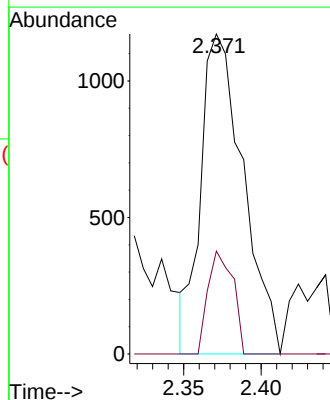
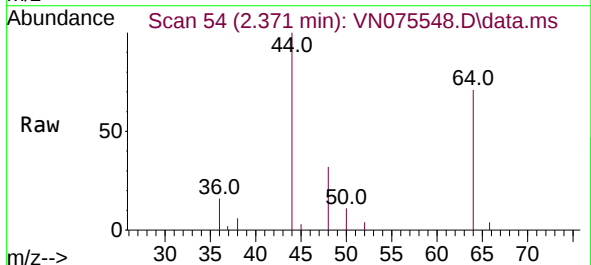
Instrument :
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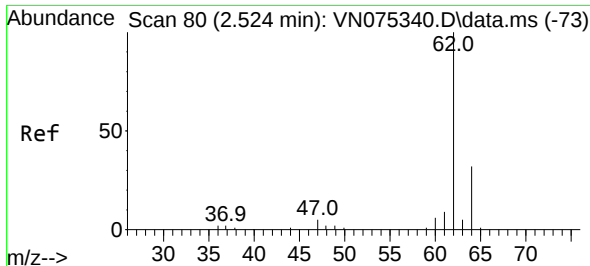
Tgt Ion:168 Resp: 154271
Ion Ratio Lower Upper
168 100
99 56.3 51.6 77.4



#3
Chloromethane
Concen: 1.521 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 50 Resp: 2233
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

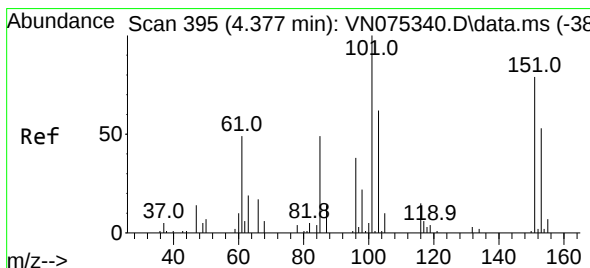
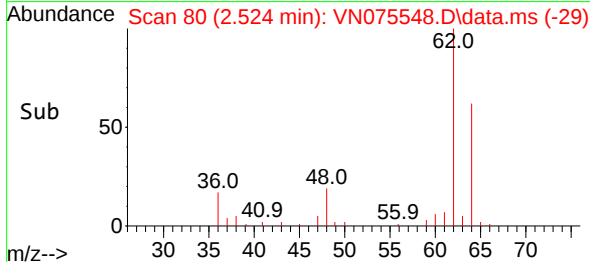
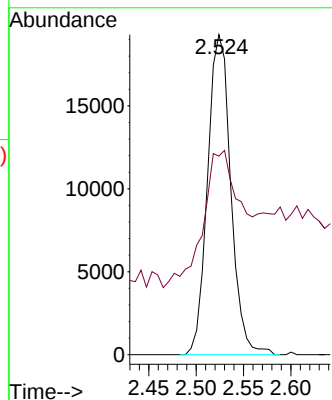
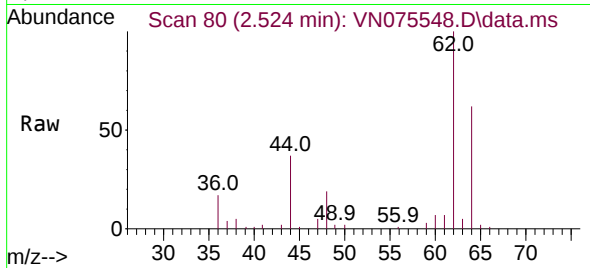




#4
 Vinyl Chloride
 Concen: 17.789 ug/l
 RT: 2.524 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VN075548.D
 Acq: 02 Dec 2022 21:40

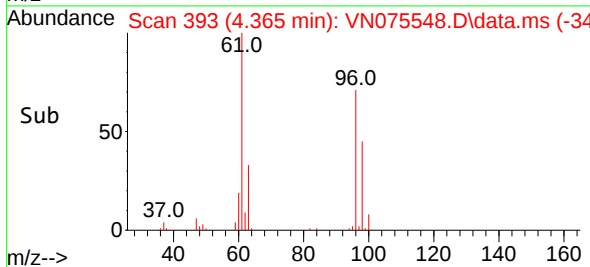
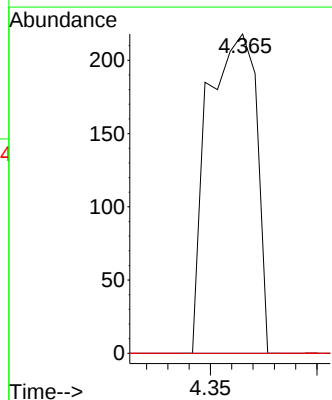
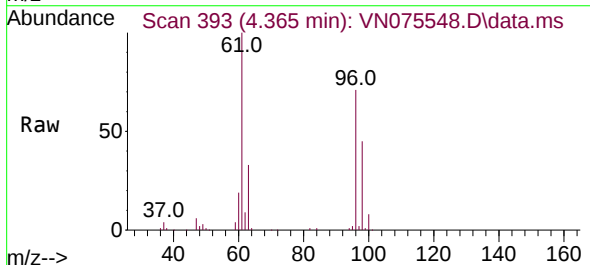
Instrument :
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 ClientSampleId :
 DUP-01

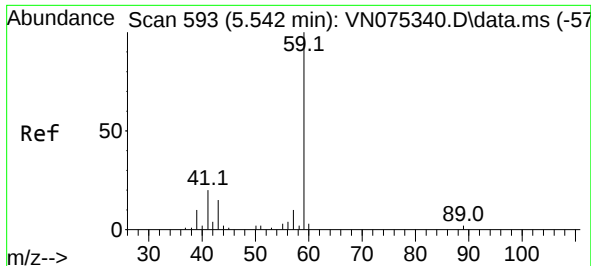
Tgt Ion: 62 Resp: 32907
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.0 36.0#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.237 ug/l
 RT: 4.365 min Scan# 393
 Delta R.T. -0.012 min
 Lab File: VN075548.D
 Acq: 02 Dec 2022 21:40

Tgt Ion: 101 Resp: 346
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.6 56.4#
 151 0.0 58.3 87.5#

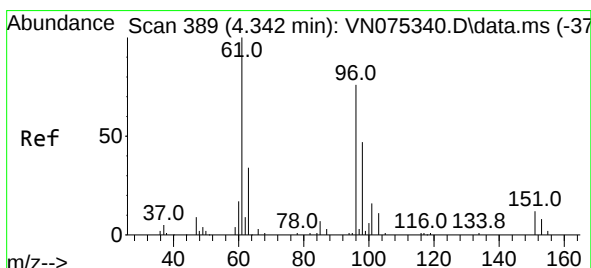
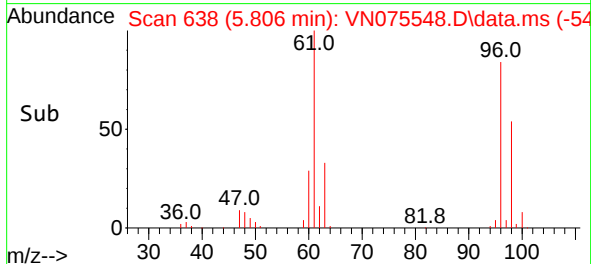
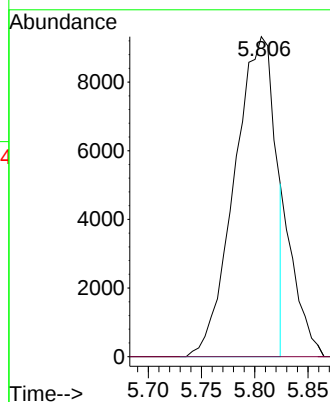
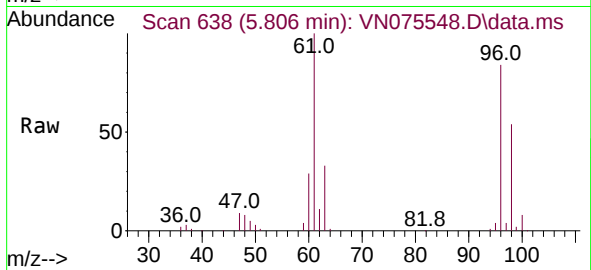




#11
Tert butyl alcohol
Concen: 71.838 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.264 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

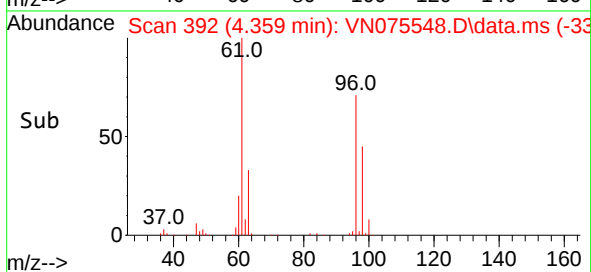
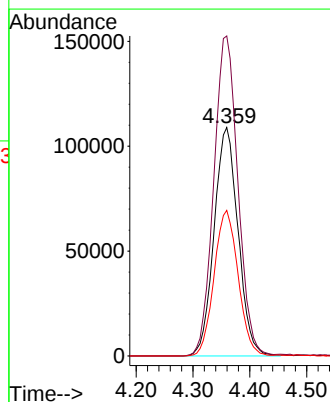
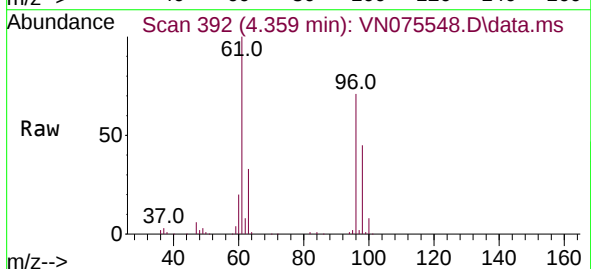
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

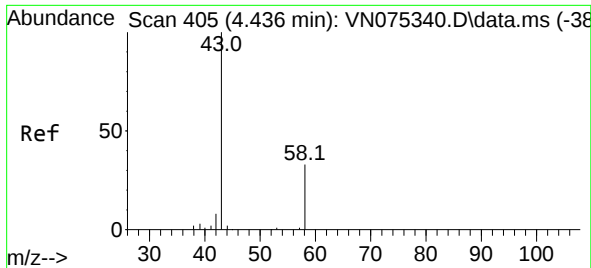
Tgt Ion: 59 Resp: 24973
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 223.676 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 96 Resp: 319551
Ion Ratio Lower Upper
96 100
61 140.1 126.2 189.4
98 63.7 51.5 77.3





#16

Acetone

Concen: 6.133 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.023 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

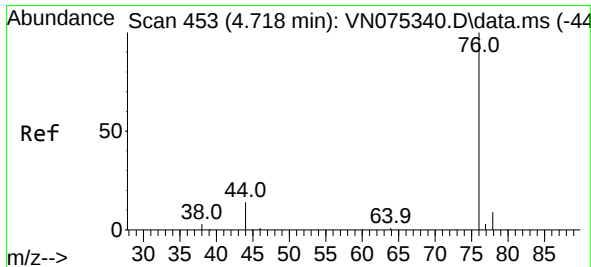
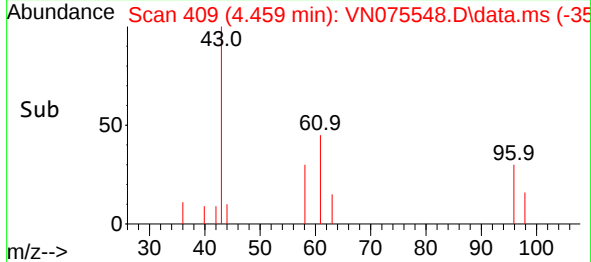
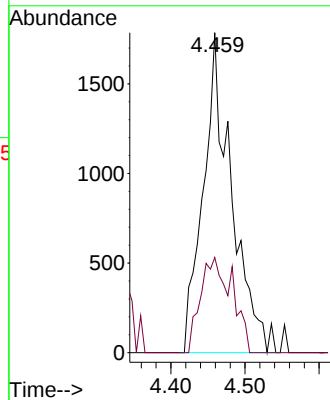
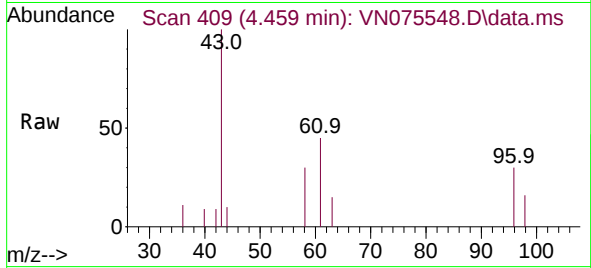
DUP-01

Tgt Ion: 43 Resp: 4737

Ion Ratio Lower Upper

43 100

58 29.7 25.5 38.3



#17

Carbon Disulfide

Concen: 7.737 ug/l

RT: 4.730 min Scan# 455

Delta R.T. 0.012 min

Lab File: VN075548.D

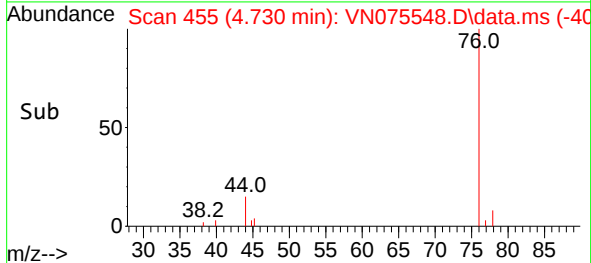
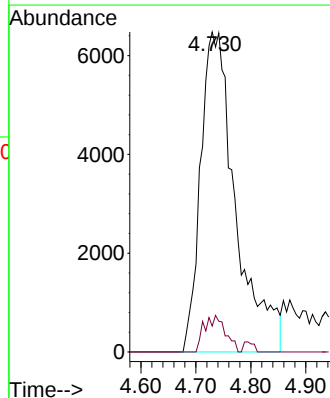
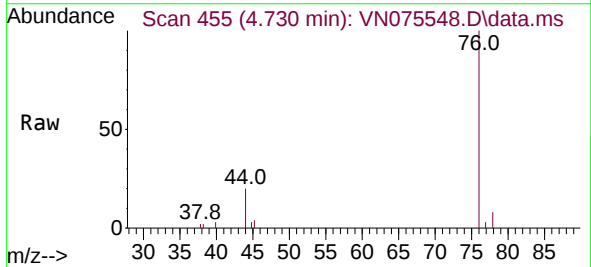
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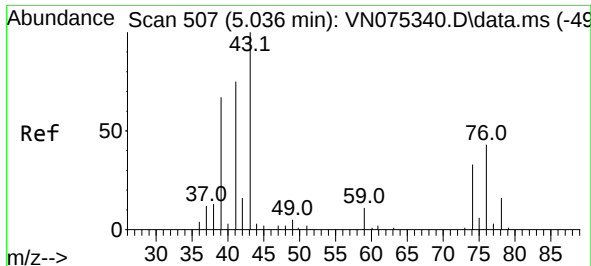
Tgt Ion: 76 Resp: 28725

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.2

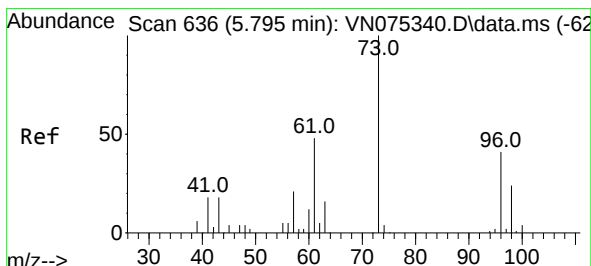
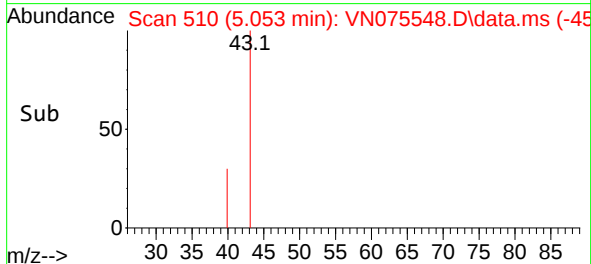
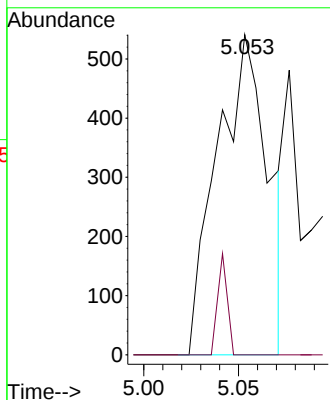
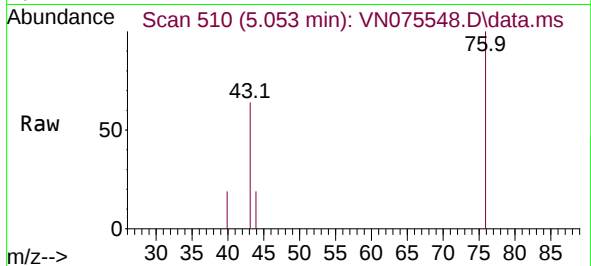




#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 510
Delta R.T. 0.017 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

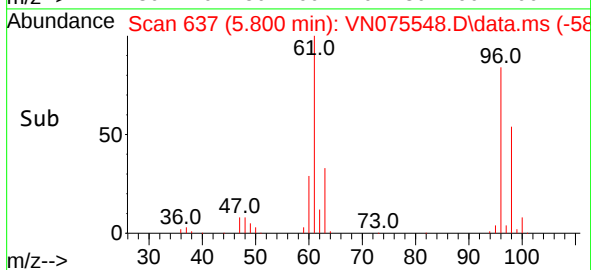
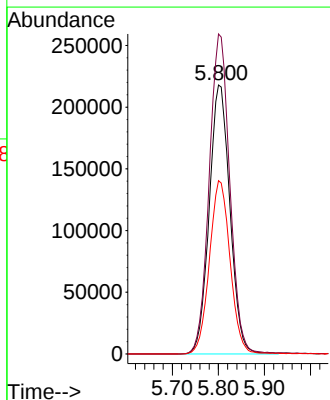
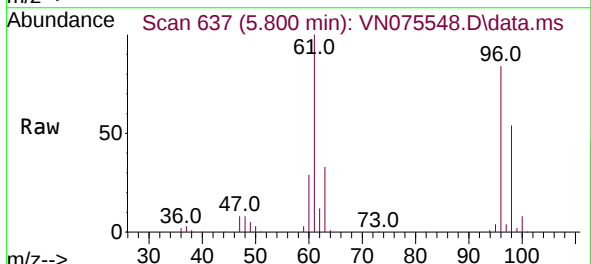
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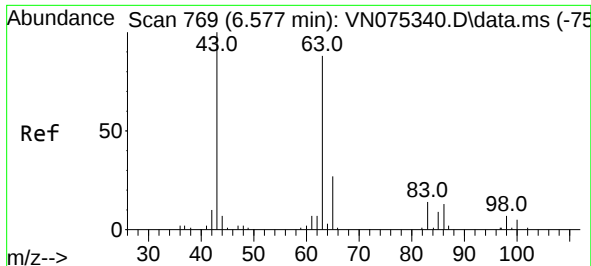
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
74 6.0 22.0 33.0#



#21
trans-1,2-Dichloroethene
Concen: 418.104 ug/l
RT: 5.800 min Scan# 637
Delta R.T. 0.005 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 96 Resp: 680728
Ion Ratio Lower Upper
96 100
61 119.0 99.9 149.9
98 64.5 51.5 77.3

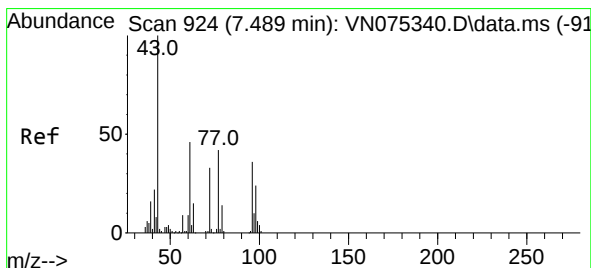
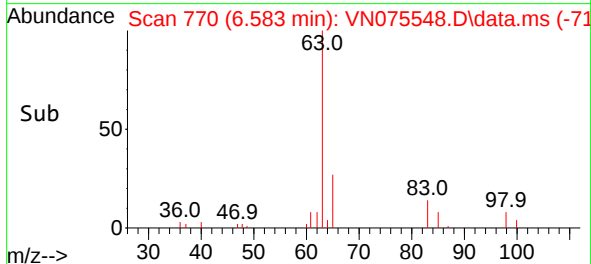
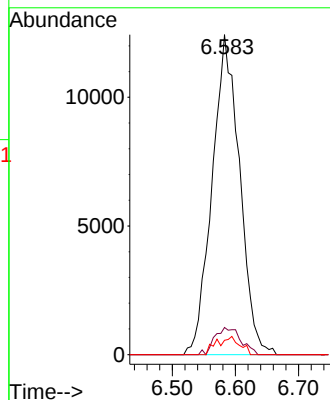
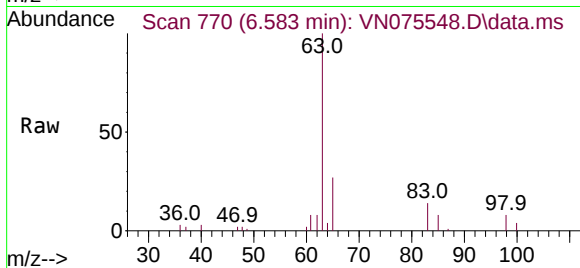




#24
1,1-Dichloroethane
Concen: 13.909 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

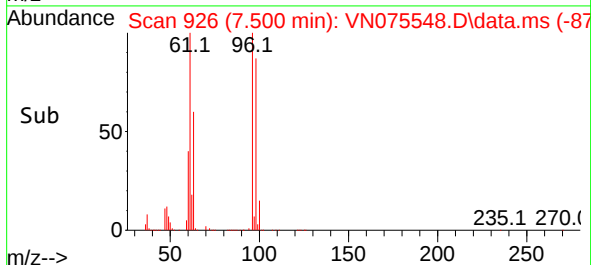
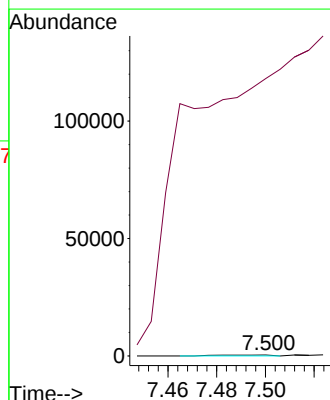
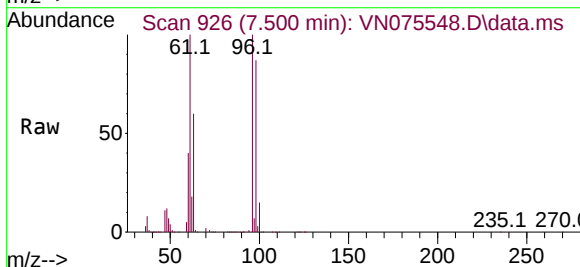
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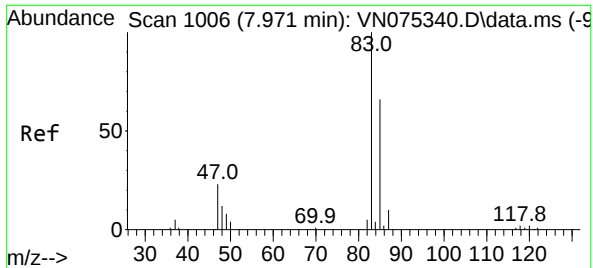
Tgt Ion: 63 Resp: 37648
Ion Ratio Lower Upper
63 100
98 8.5 3.6 10.8
100 4.5 2.4 7.2



#25
2-Butanone
Concen: 0.554 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.011 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 2440.1 25.5 38.3#

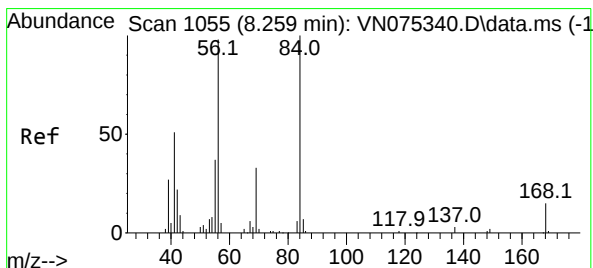
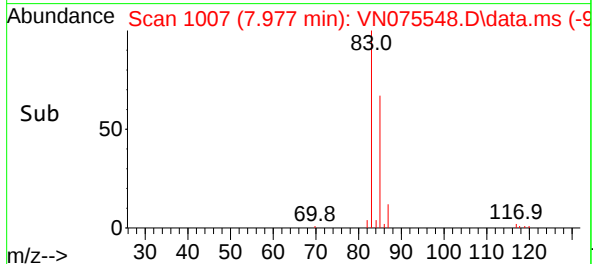
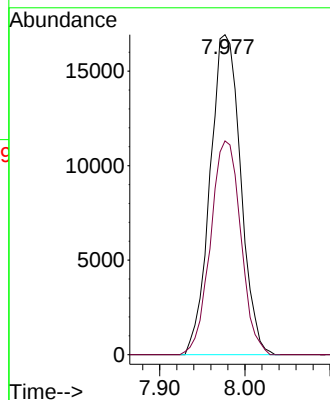
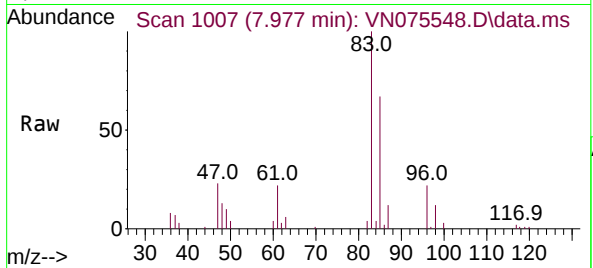




#30
Chloroform
Concen: 13.587 ug/l
RT: 7.977 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

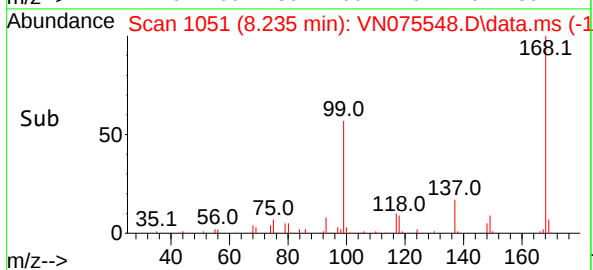
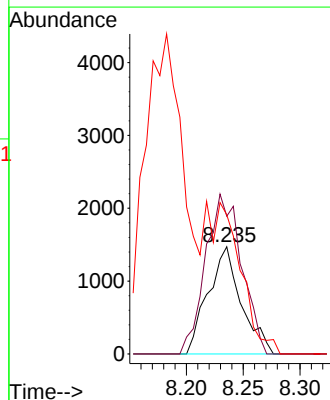
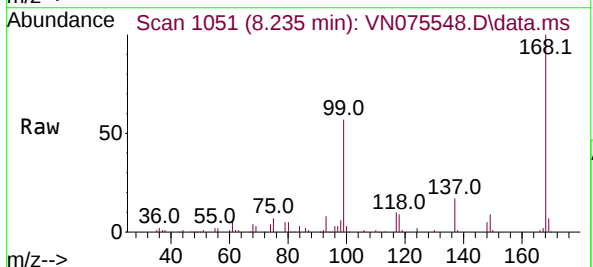
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

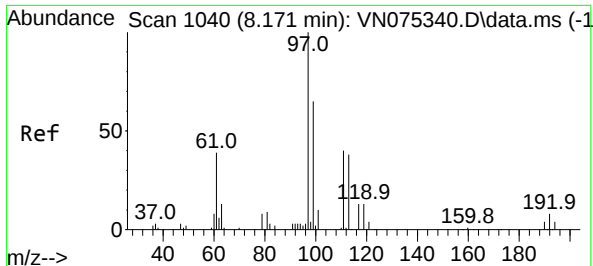
Tgt Ion: 83 Resp: 42234
Ion Ratio Lower Upper
83 100
85 66.8 51.4 77.0



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 56 Resp: 2993
Ion Ratio Lower Upper
56 100
69 128.6 25.2 37.8#
84 129.9 77.8 116.8#





#32

1,1,1-Trichloroethane

Concen: 224.451 ug/l

RT: 8.177 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

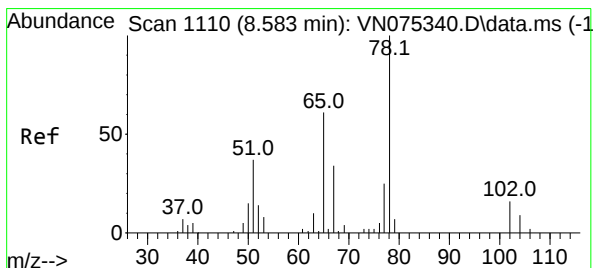
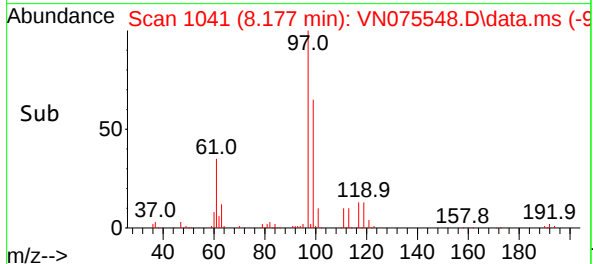
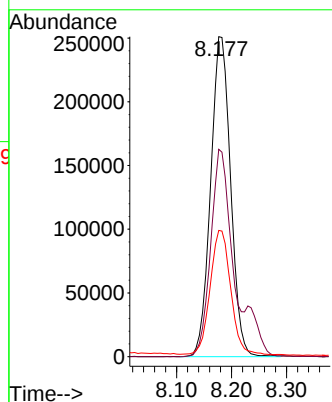
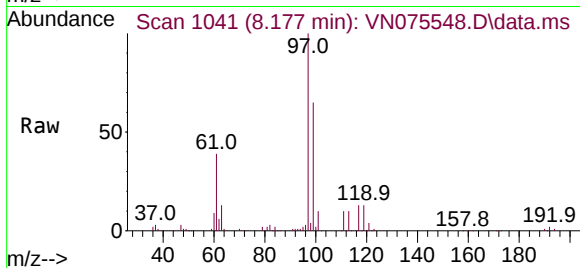
Tgt Ion: 97 Resp: 633483

Ion Ratio Lower Upper

97 100

99 67.6 50.2 75.2

61 39.8 37.0 55.6



#33

1,2-Dichloroethane-d4

Concen: 54.185 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075548.D

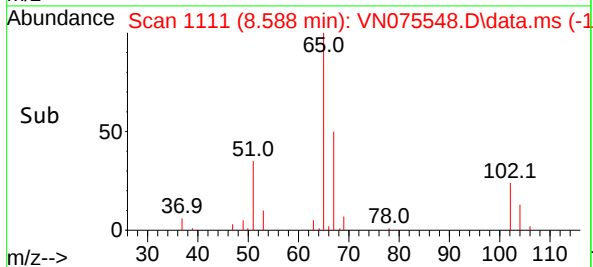
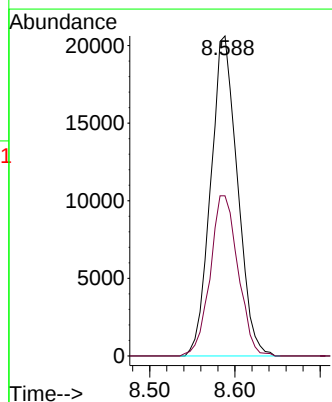
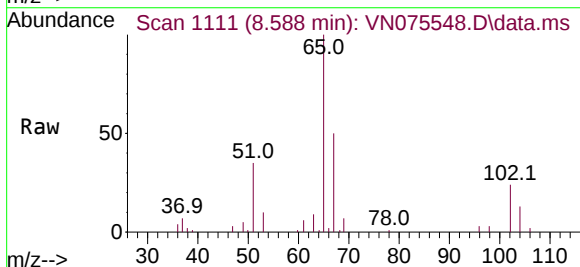
Acq: 02 Dec 2022 21:40

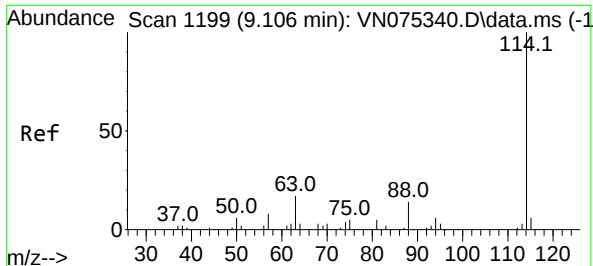
Tgt Ion: 65 Resp: 44871

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

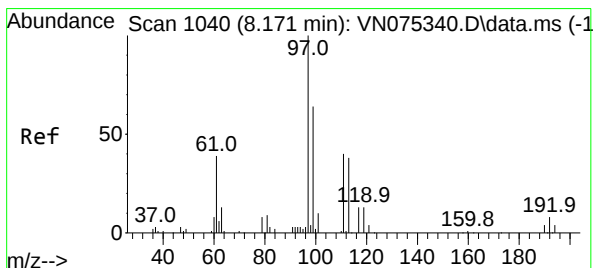
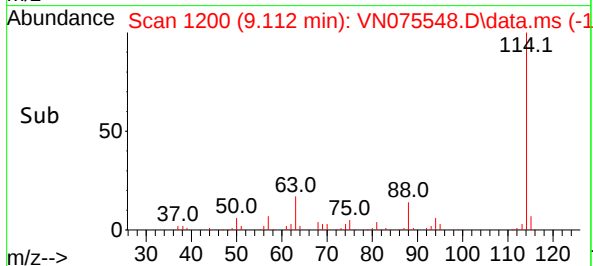
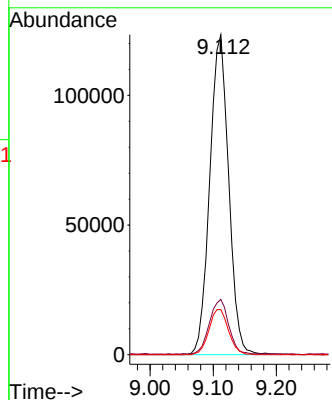
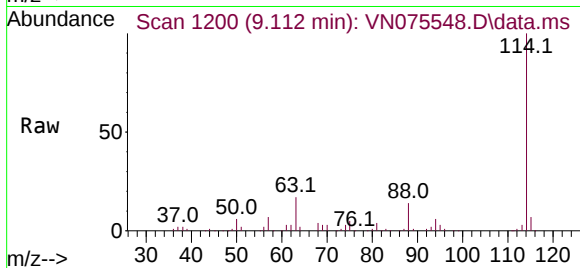
Tgt Ion:114 Resp: 256524

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 60.535 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

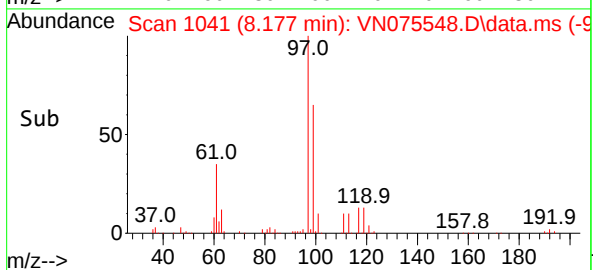
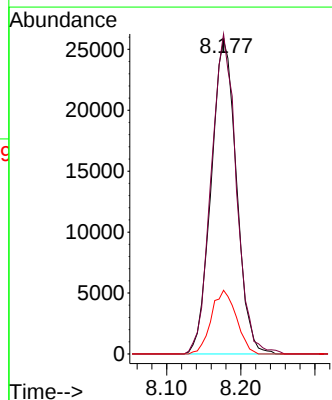
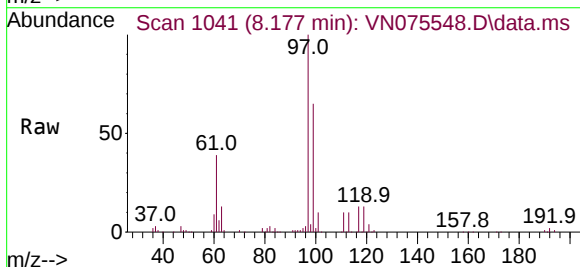
Tgt Ion:113 Resp: 61002

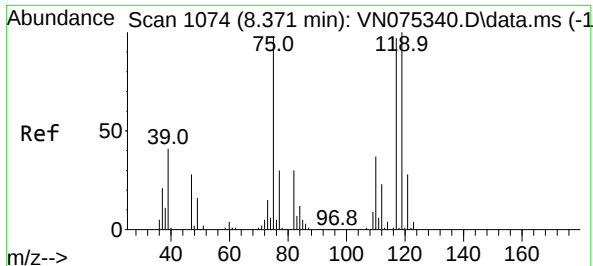
Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

192 20.1 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.136 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

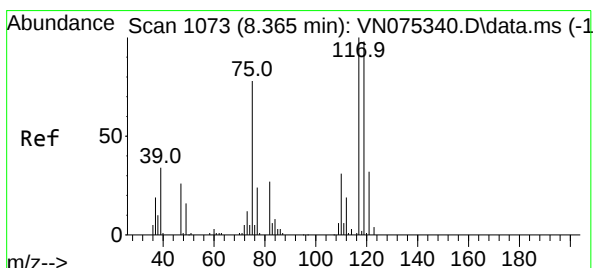
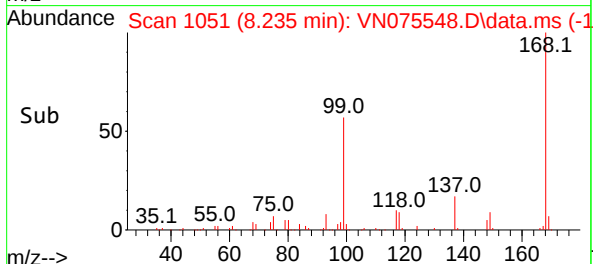
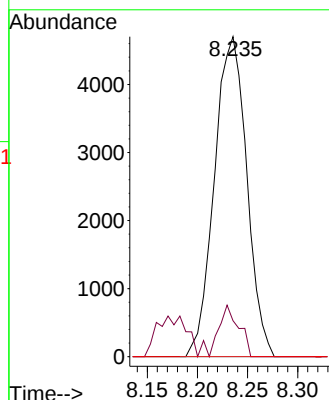
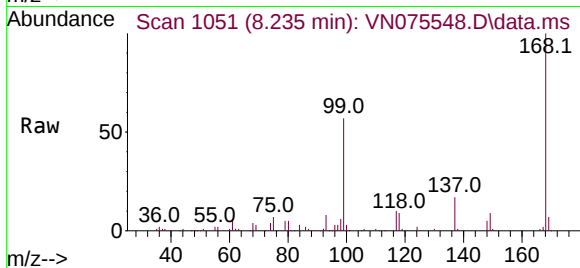
Tgt Ion: 75 Resp: 10538

Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 40.691 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.188 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

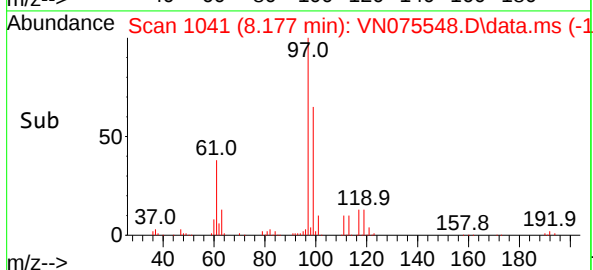
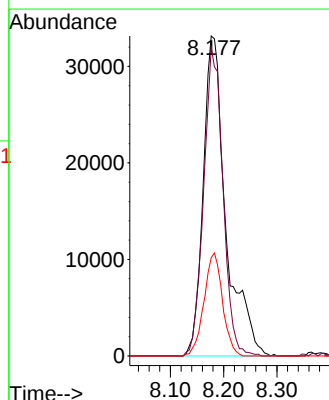
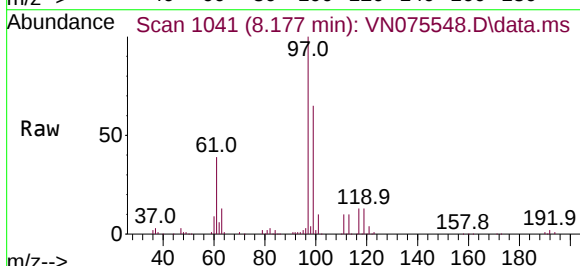
Tgt Ion: 117 Resp: 98232

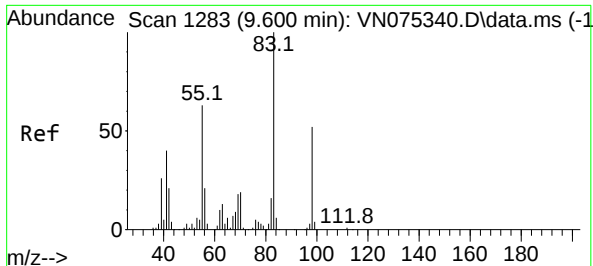
Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 134.373 ug/l

RT: 9.353 min Scan# 1

Delta R.T. -0.247 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

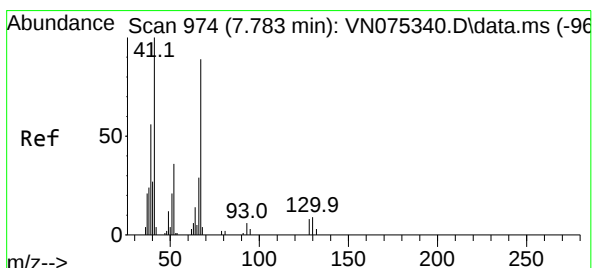
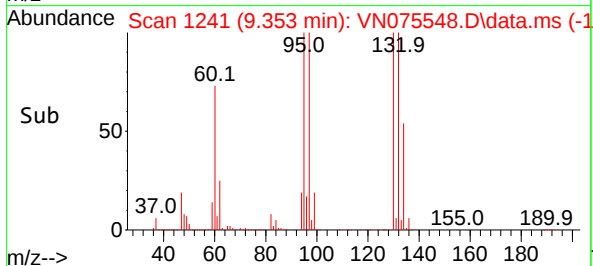
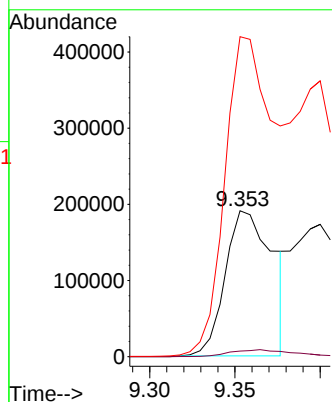
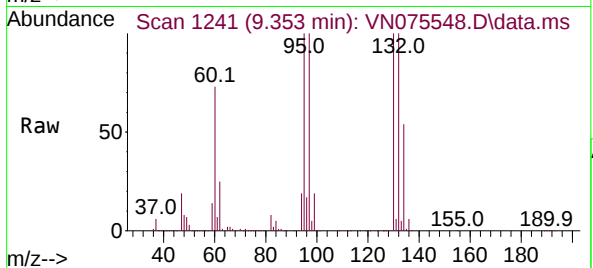
Tgt Ion: 83 Resp: 369576

Ion Ratio Lower Upper

83 100

55 3.8 53.6 80.4#

98 219.3 41.1 61.7#



#41

Methacrylonitrile

Concen: 0.243 ug/l

RT: 7.547 min Scan# 934

Delta R.T. -0.236 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Tgt Ion: 41 Resp: 246

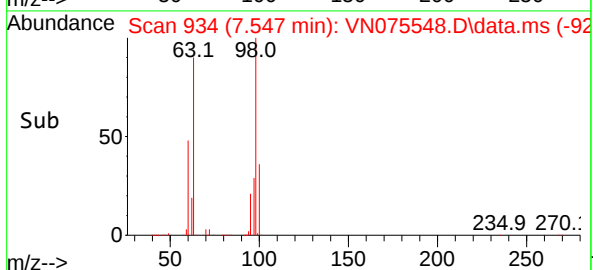
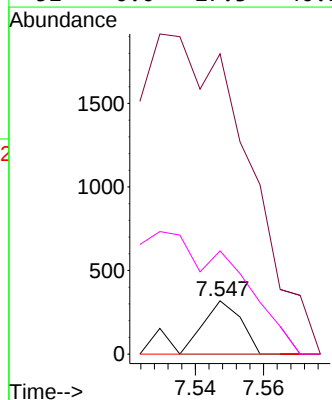
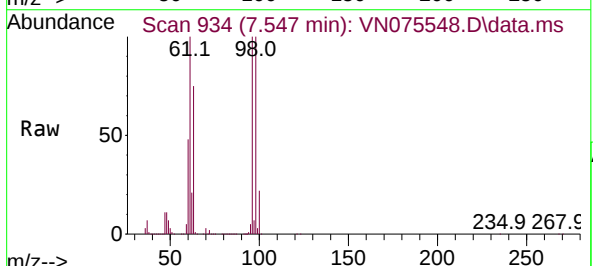
Ion Ratio Lower Upper

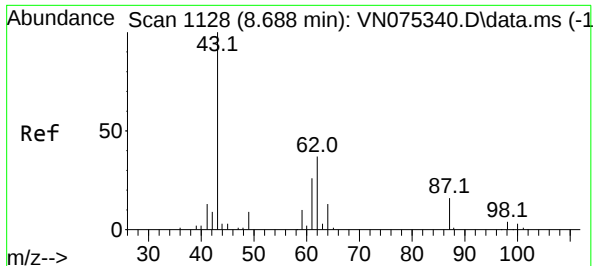
41 100

39 0.0 44.4 66.6#

67 0.0 69.8 104.6#

52 0.0 27.3 40.9#





#43

Isopropyl Acetate

Concen: 0.922 ug/l

RT: 8.788 min Scan# 1145

Delta R.T. 0.100 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

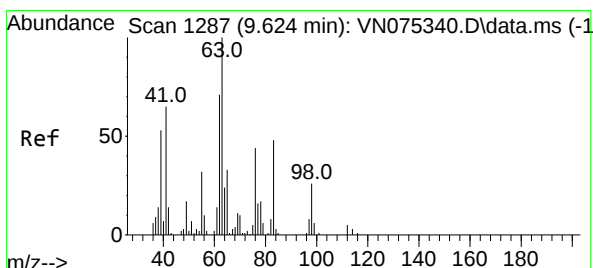
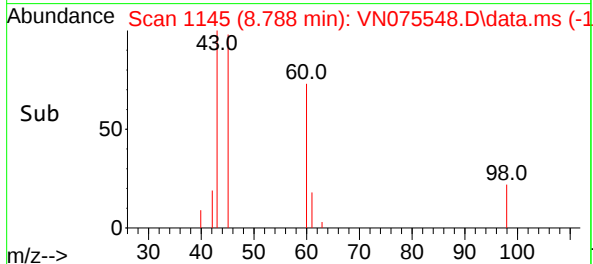
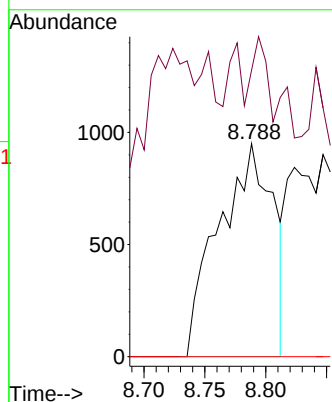
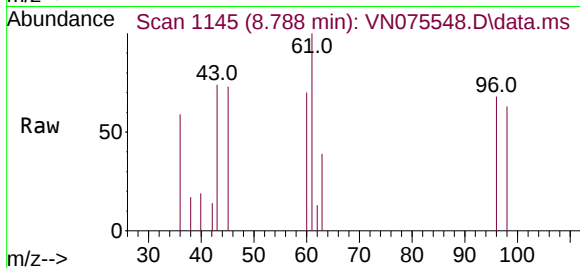
Tgt Ion: 43 Resp: 2929

Ion Ratio Lower Upper

43 100

61 7.3 22.4 33.6#

87 0.0 12.5 18.7#



#45

1,2-Dichloropropane

Concen: 33.662 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.271 min

Lab File: VN075548.D

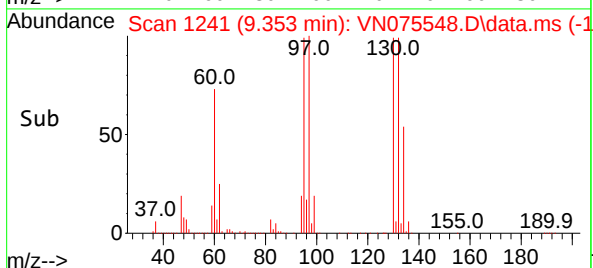
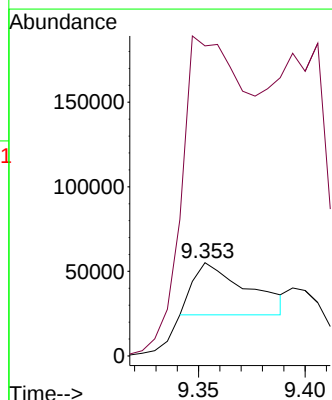
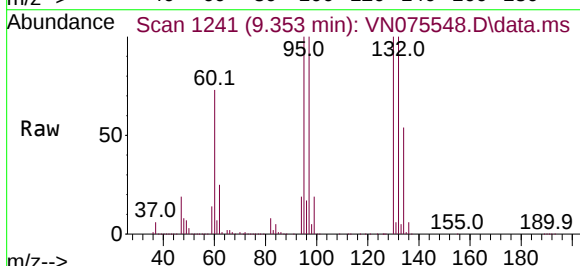
Acq: 02 Dec 2022 21:40

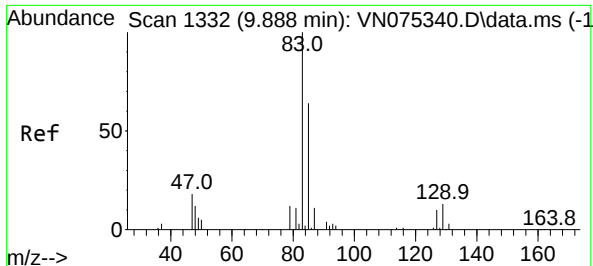
Tgt Ion: 63 Resp: 53973

Ion Ratio Lower Upper

63 100

65 333.3 26.1 39.1#

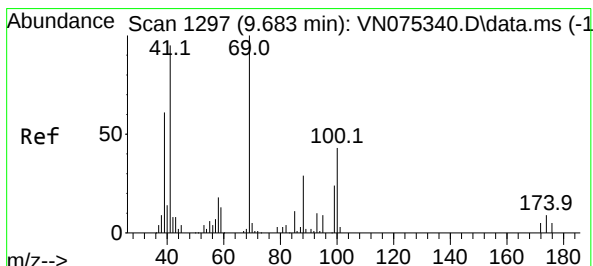
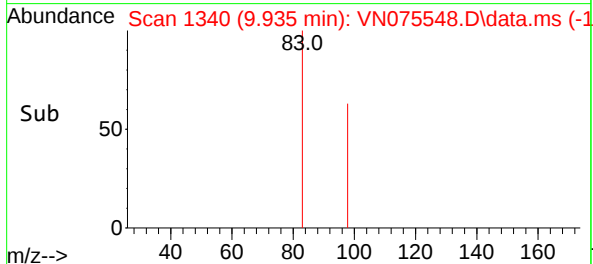
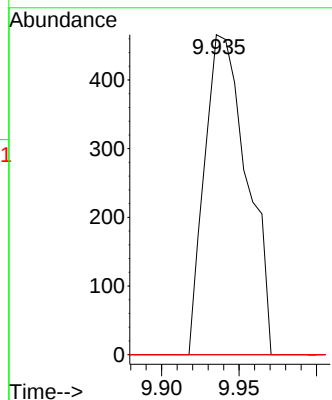
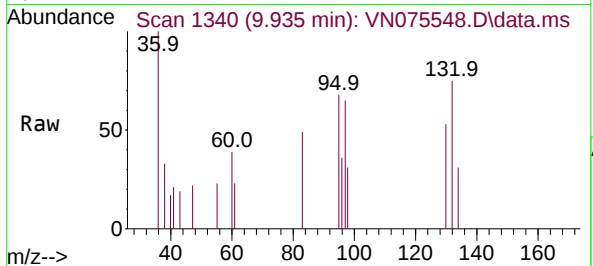




#47
Bromodichloromethane
Concen: 0.378 ug/l
RT: 9.935 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

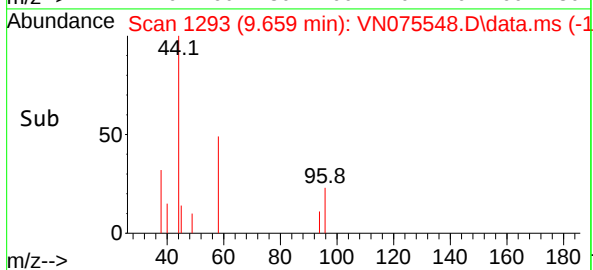
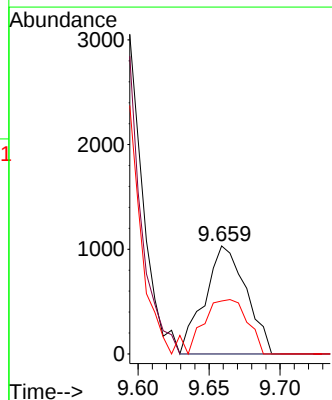
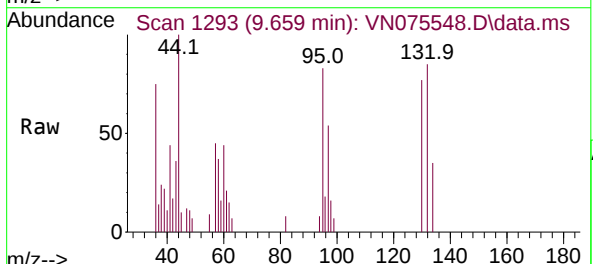
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

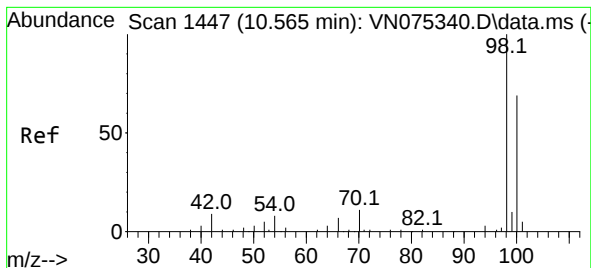
Tgt Ion: 83 Resp: 887
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 1.424 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. -0.024 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 41 Resp: 2092
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 54.9 56.2 84.2#





#50

Toluene-d8

Concen: 52.661 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

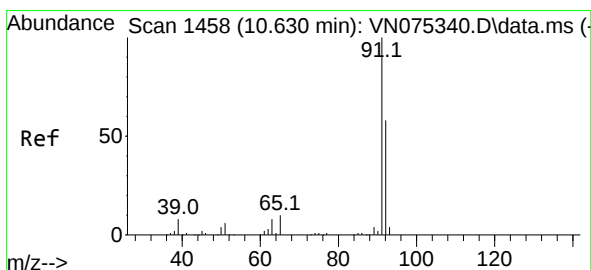
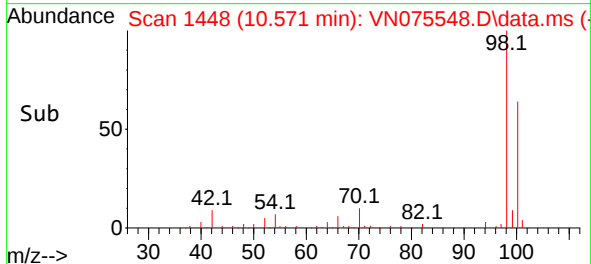
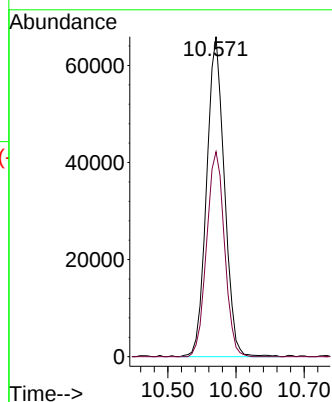
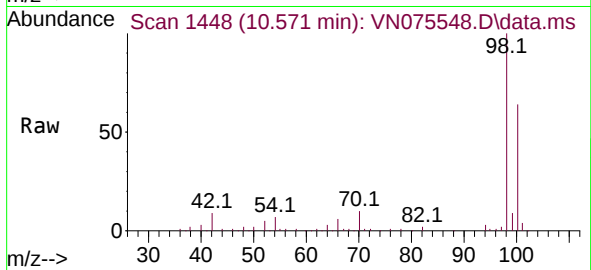
DUP-01

Tgt Ion: 98 Resp: 119521

Ion Ratio Lower Upper

98 100

100 64.4 53.0 79.6



#52

Toluene

Concen: 113.443 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.005 min

Lab File: VN075548.D

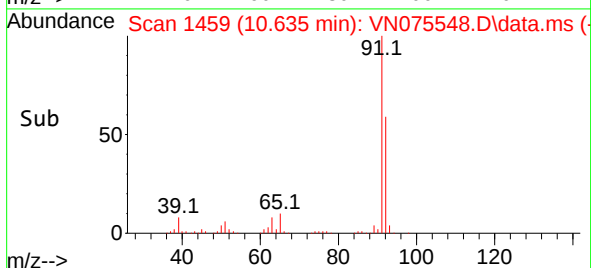
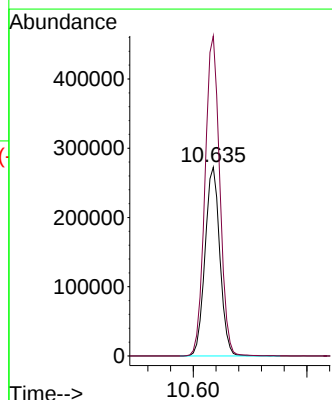
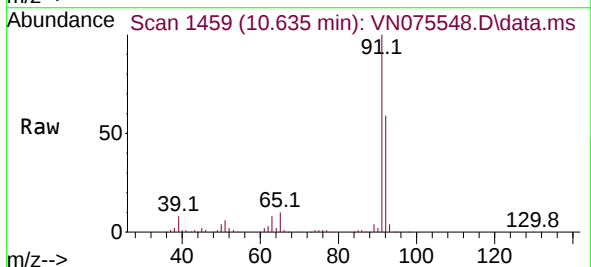
Acq: 02 Dec 2022 21:40

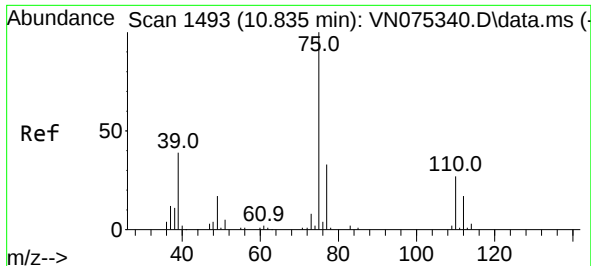
Tgt Ion: 92 Resp: 491868

Ion Ratio Lower Upper

92 100

91 169.1 135.4 203.2

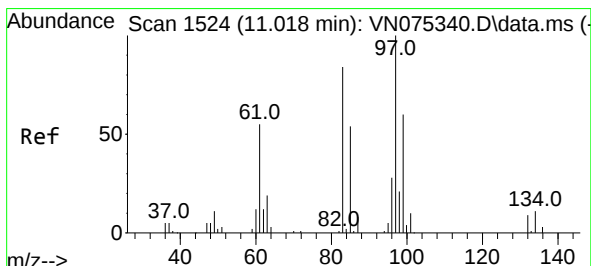
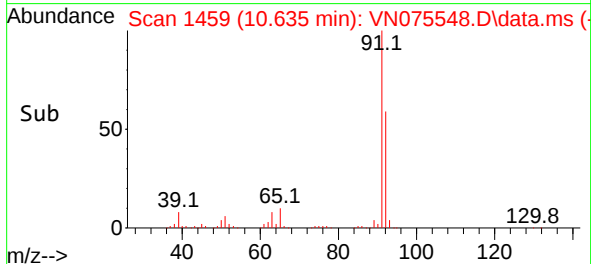
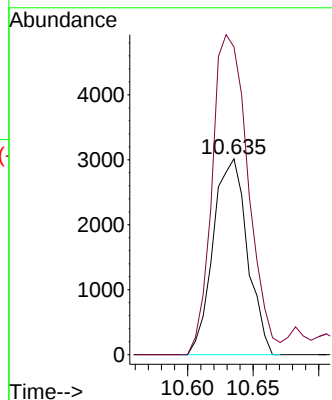
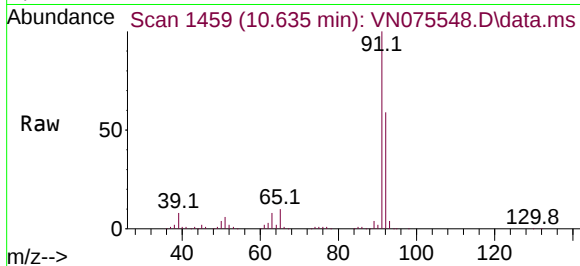




#53
t-1,3-Dichloropropene
Concen: 2.320 ug/l
RT: 10.635 min Scan# 1493
Delta R.T. -0.200 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

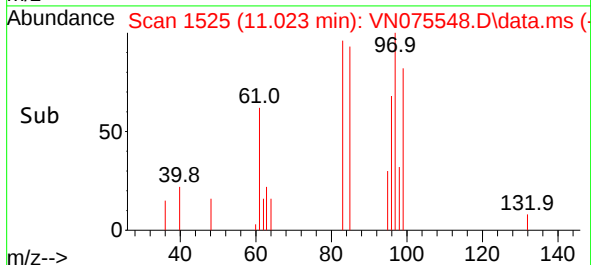
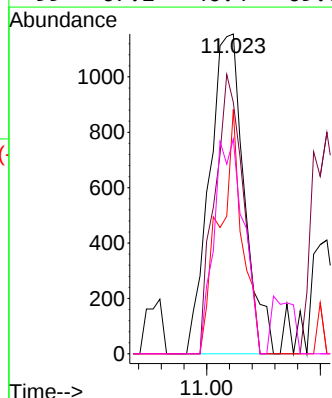
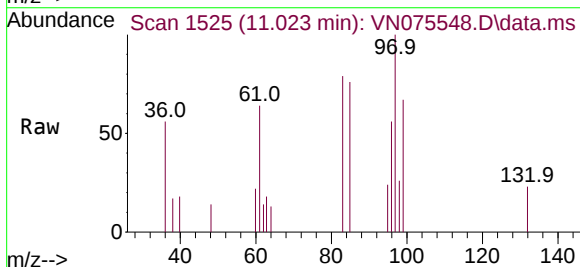
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

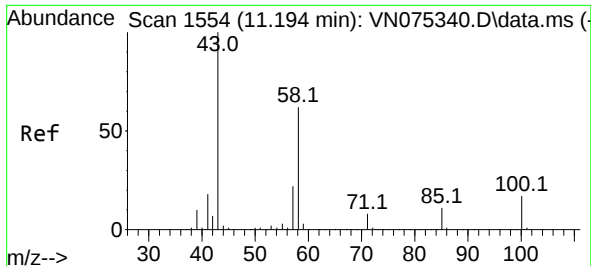
Tgt Ion: 75 Resp: 5471
Ion Ratio Lower Upper
75 100
77 157.2 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 1.398 ug/l
RT: 11.023 min Scan# 1525
Delta R.T. 0.005 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 97 Resp: 2469
Ion Ratio Lower Upper
97 100
83 78.6 65.9 98.9
85 76.5 40.4 60.6#
99 67.2 46.4 69.6

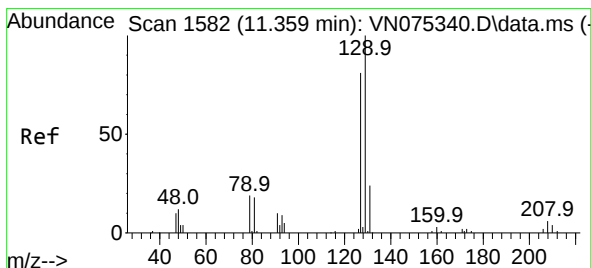
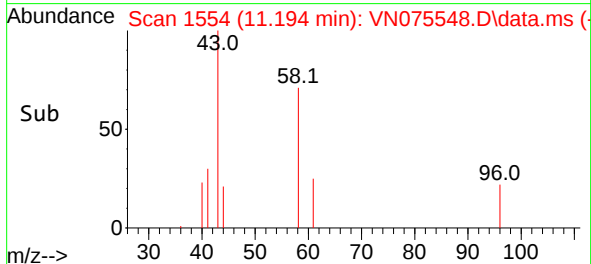
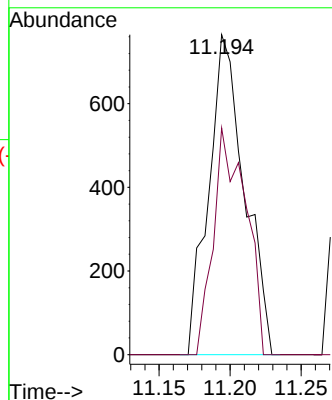
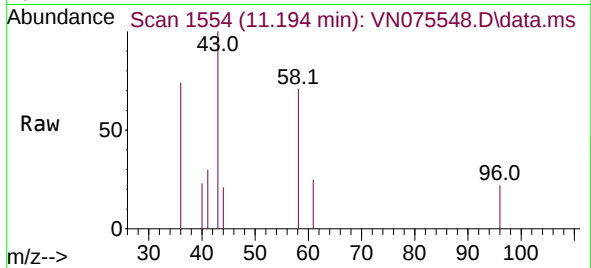




#59
2-Hexanone
Concen: 0.884 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

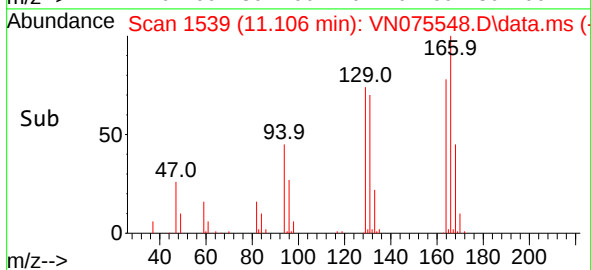
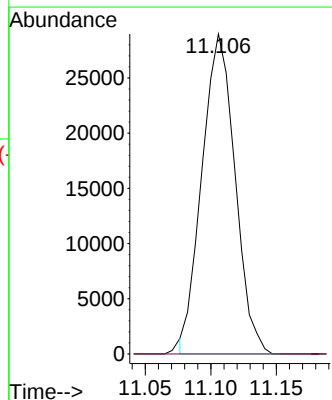
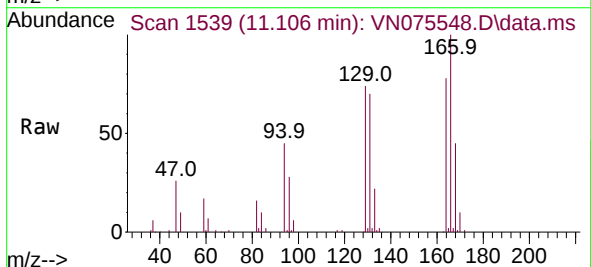
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

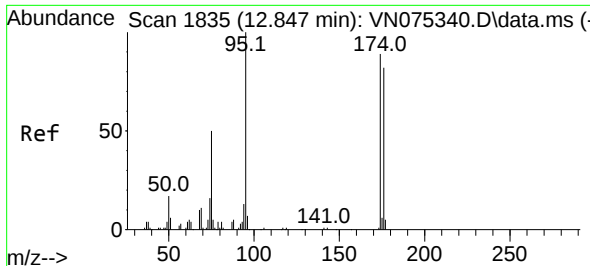
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 64.0 29.6 88.8



#60
Dibromochloromethane
Concen: 28.017 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.253 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 129 Resp: 50785
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

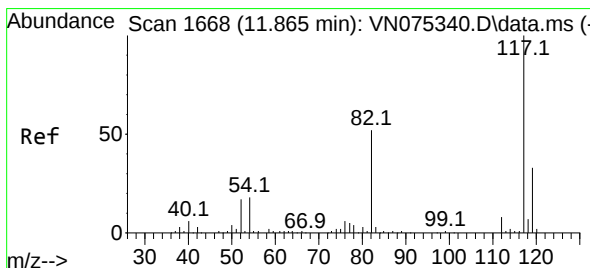
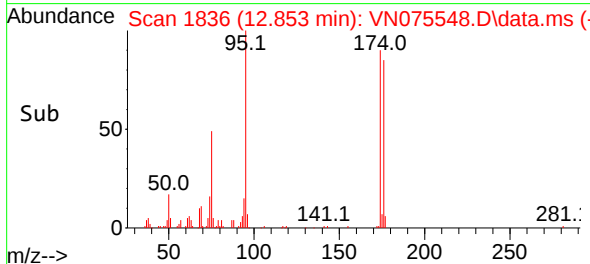
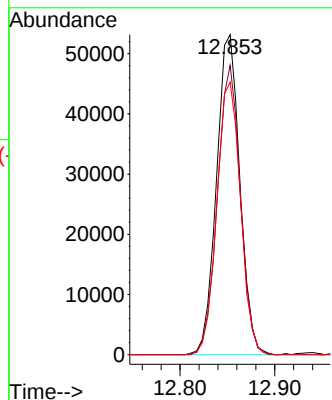
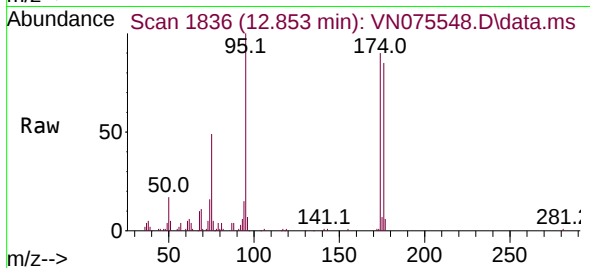




#62
4-Bromofluorobenzene
Concen: 54.358 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

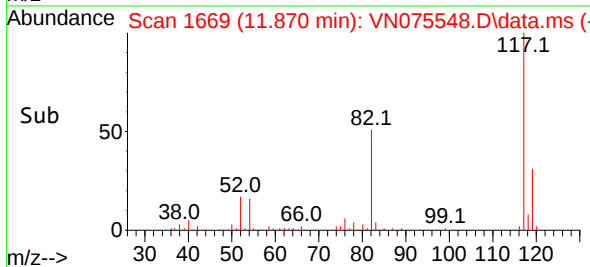
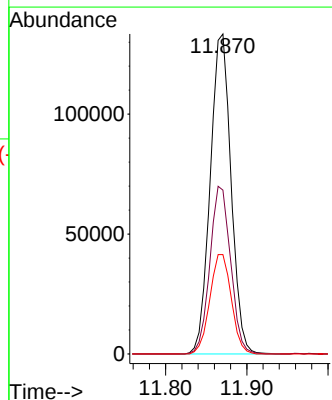
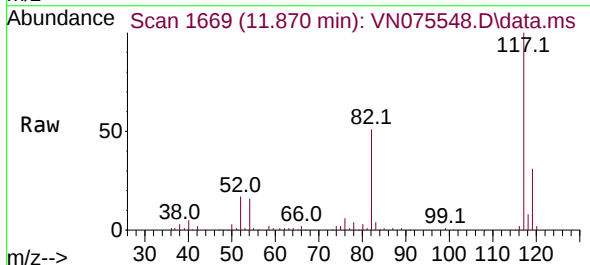
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

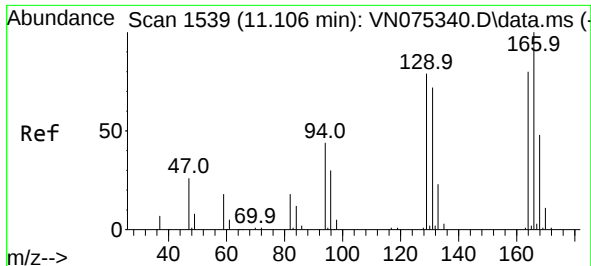
Tgt Ion: 95 Resp: 91063
Ion Ratio Lower Upper
95 100
174 88.7 0.0 147.4
176 86.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 117 Resp: 237699
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 31.1 25.5 38.3

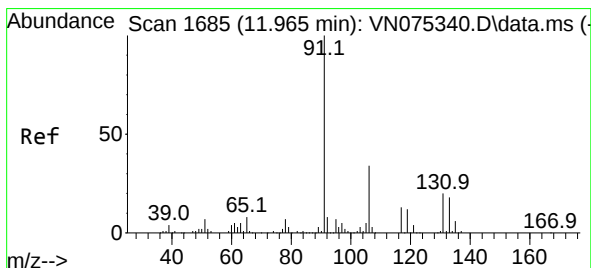
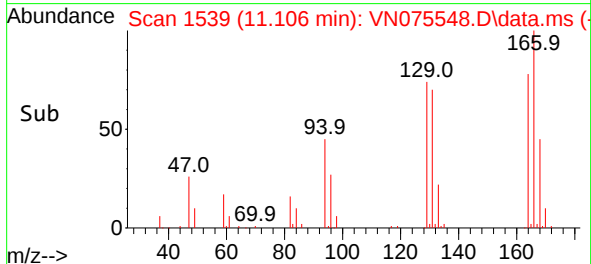
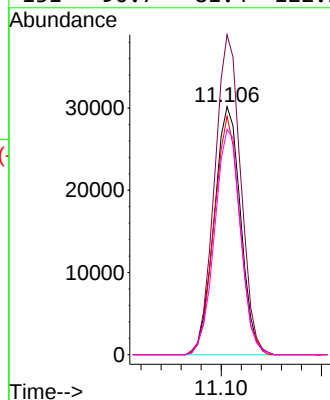
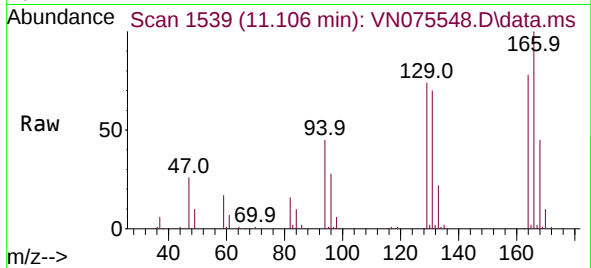




#64
Tetrachloroethene
Concen: 30.321 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

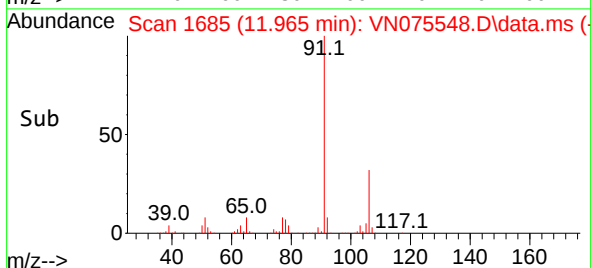
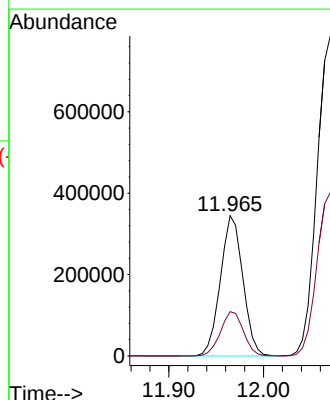
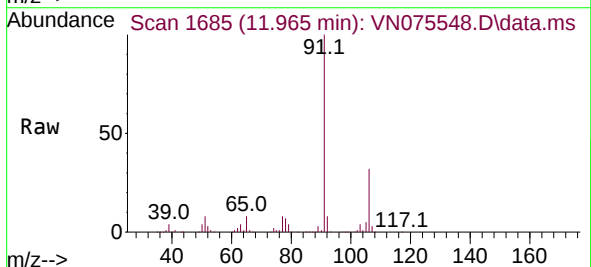
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

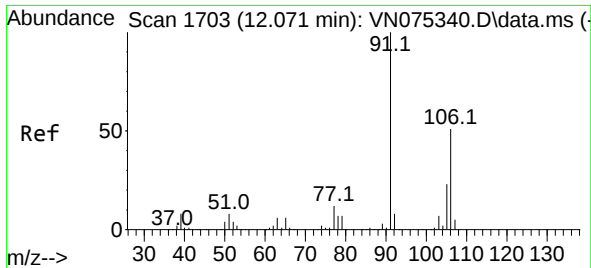
Tgt Ion:164 Resp: 55039
Ion Ratio Lower Upper
164 100
166 129.0 106.5 159.7
129 96.1 81.9 122.9
131 90.7 81.4 122.2



#67
Ethyl Benzene
Concen: 68.021 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 91 Resp: 569667
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

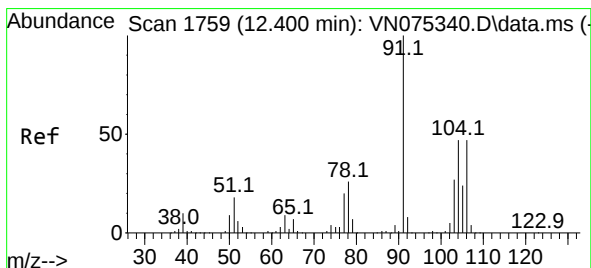
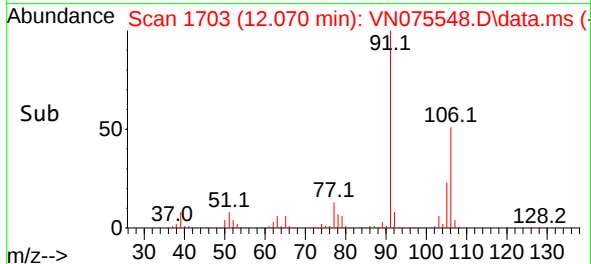
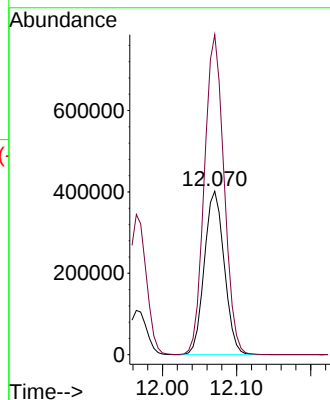
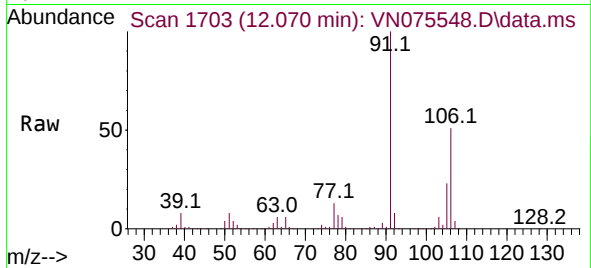




#68
m/p-Xylenes
Concen: 220.127 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

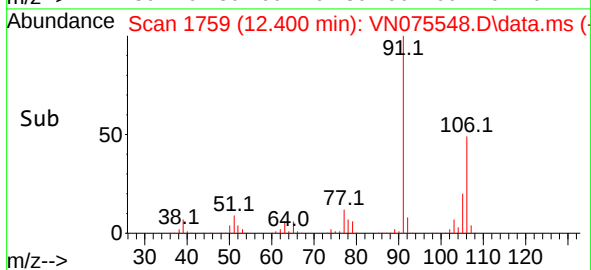
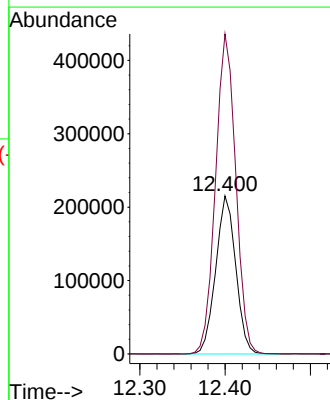
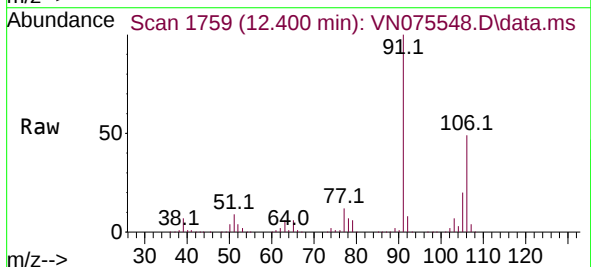
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

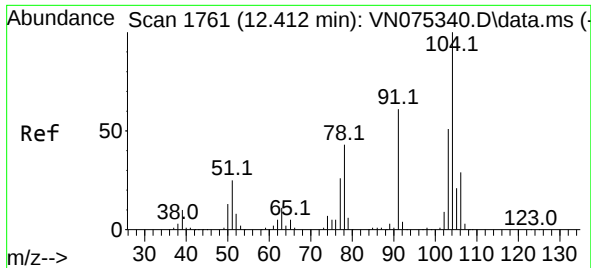
Tgt Ion:106 Resp: 748637
Ion Ratio Lower Upper
106 100
91 193.6 156.0 234.0



#69
o-Xylene
Concen: 103.960 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion:106 Resp: 351286
Ion Ratio Lower Upper
106 100
91 204.7 105.2 315.5

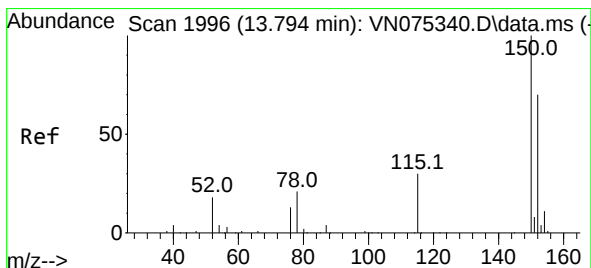
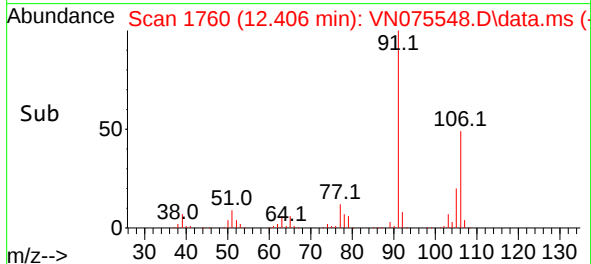
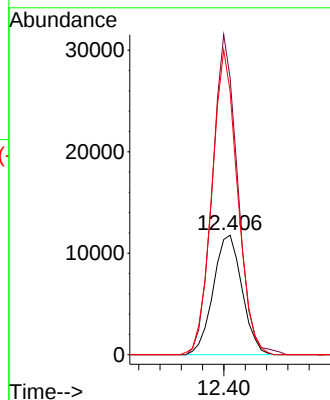
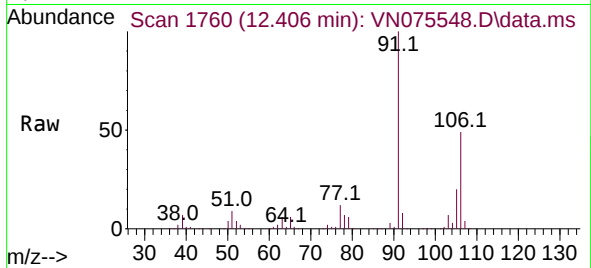




#70
Styrene
Concen: 4.139 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

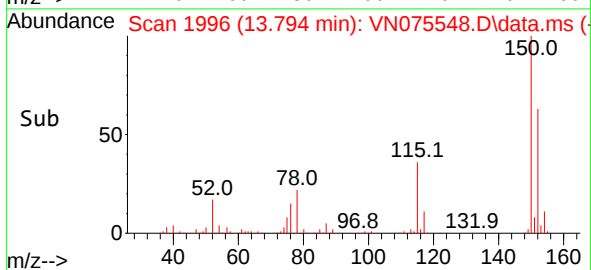
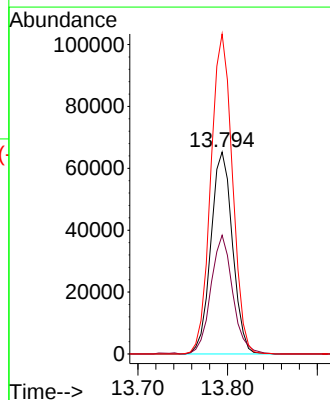
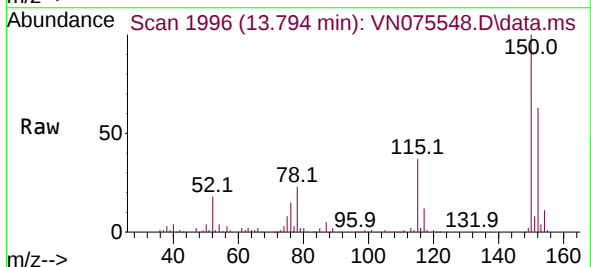
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

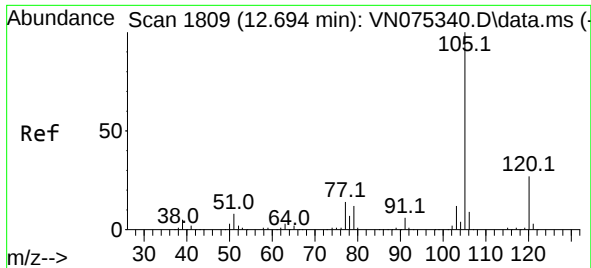
Tgt Ion:104 Resp: 22062
Ion Ratio Lower Upper
104 100
78 234.9 38.1 57.1#
103 226.9 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion:152 Resp: 109232
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 158.5 0.0 348.4

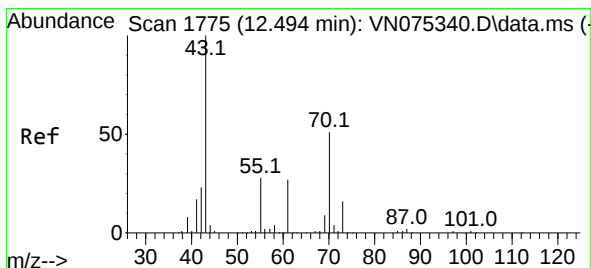
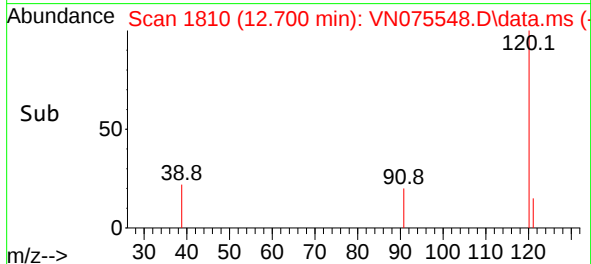
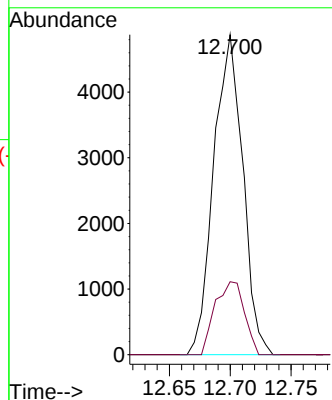
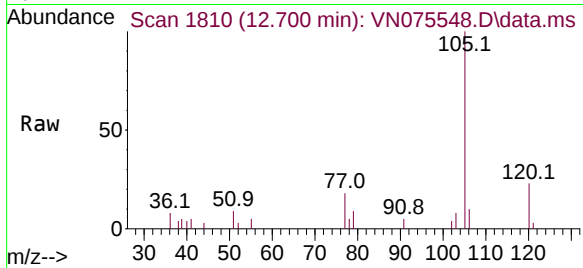




#73
Isopropylbenzene
Concen: 1.015 ug/l
RT: 12.700 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

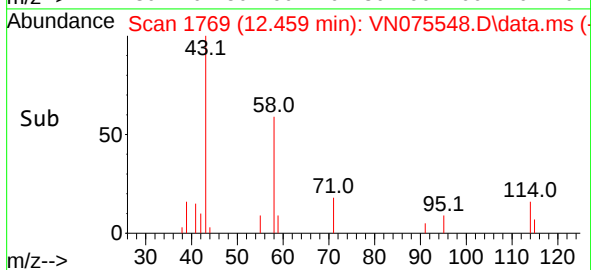
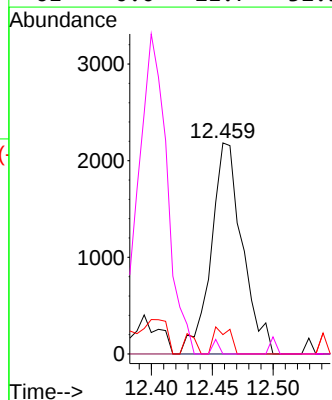
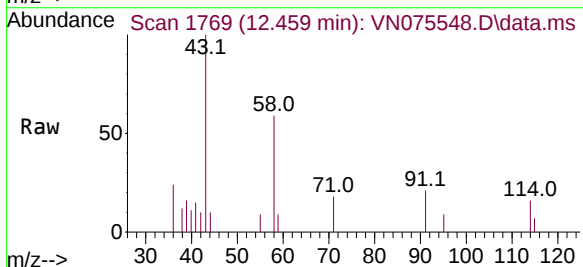
Instrument :
MSVOA_N
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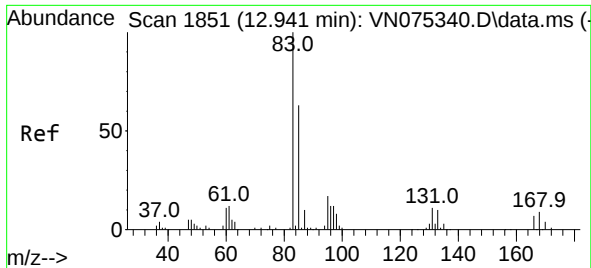
Tgt Ion:105 Resp: 8101
Ion Ratio Lower Upper
105 100
120 22.9 13.1 39.1



#74
N-ethyl acetate
Concen: 1.584 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 43 Resp: 3886
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 6.7 19.9 29.9#
61 0.0 21.7 32.5#

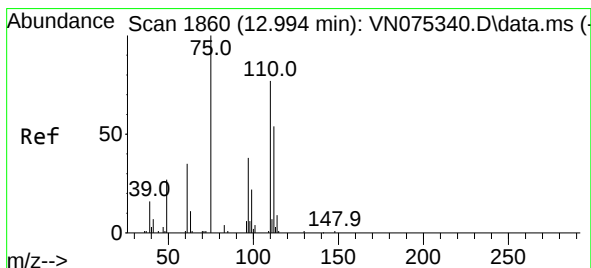
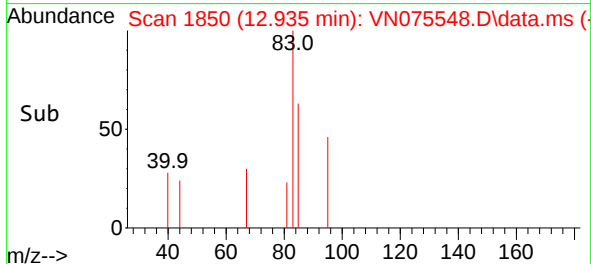
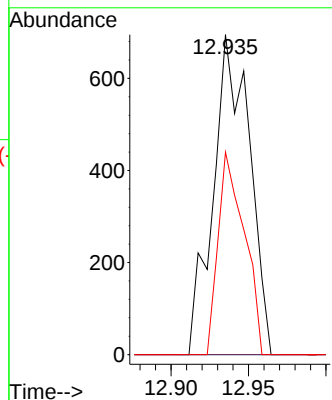
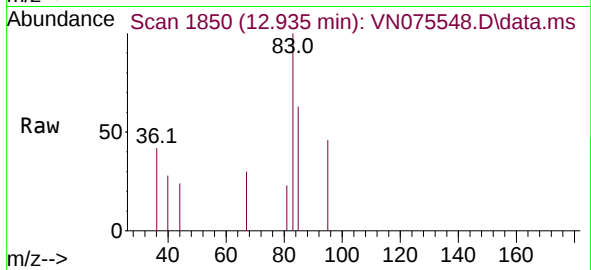




#75
1,1,2,2-Tetrachloroethane
Concen: 0.466 ug/l
RT: 12.935 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

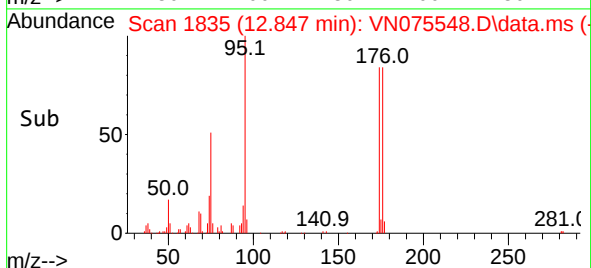
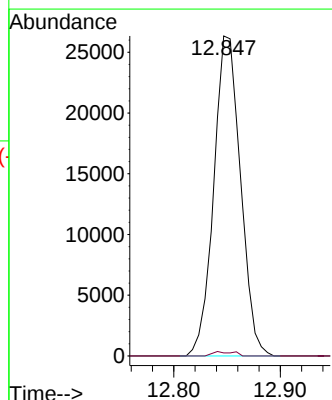
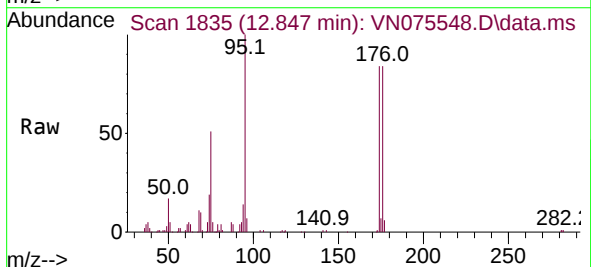
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

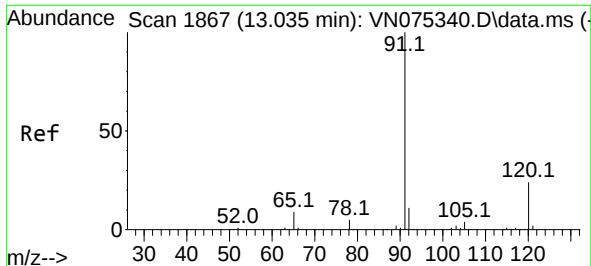
Tgt Ion: 83 Resp: 1133
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 45.5 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 22.226 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 75 Resp: 45903
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#

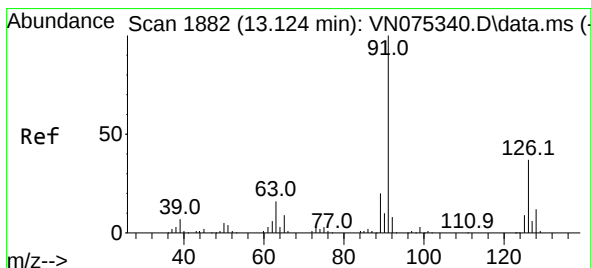
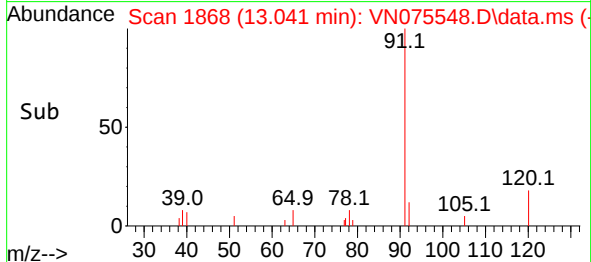
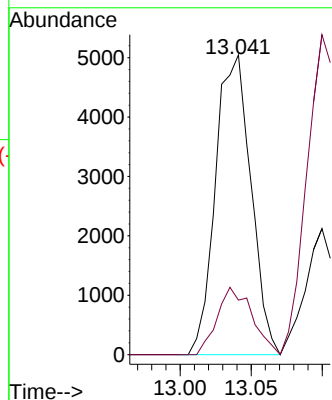
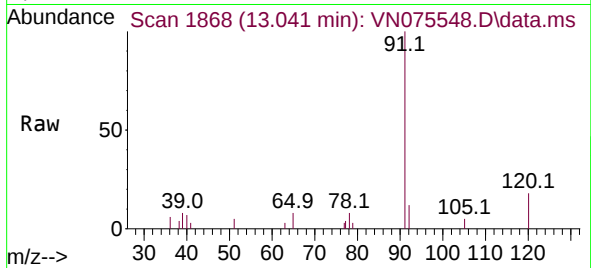




#78
n-propylbenzene
Concen: 0.981 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

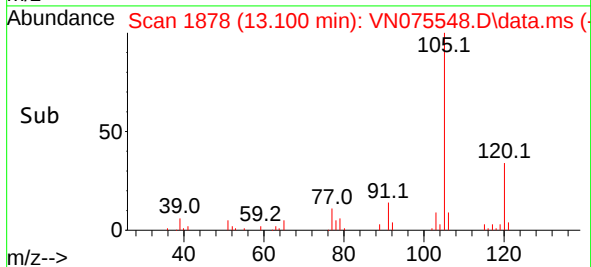
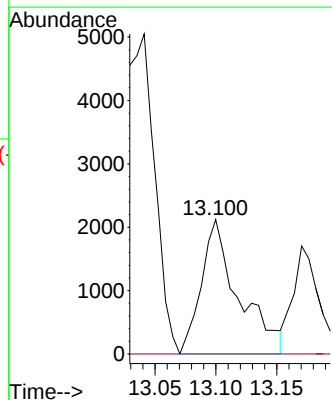
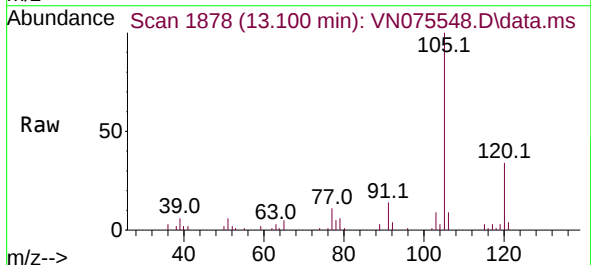
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

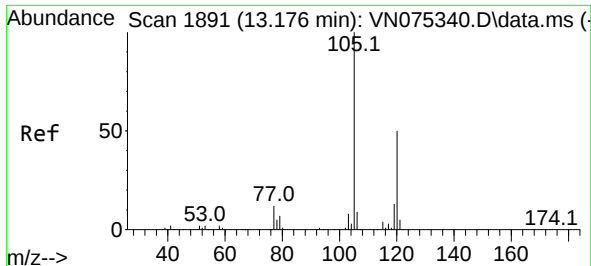
Tgt Ion: 91 Resp: 8734
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.841 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.024 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 91 Resp: 4513
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#

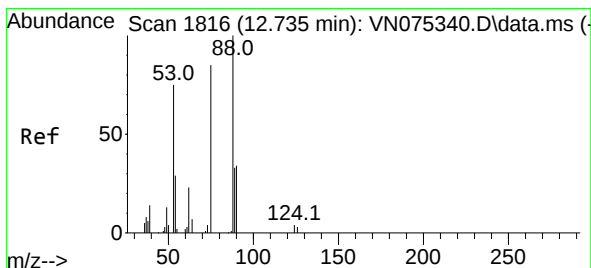
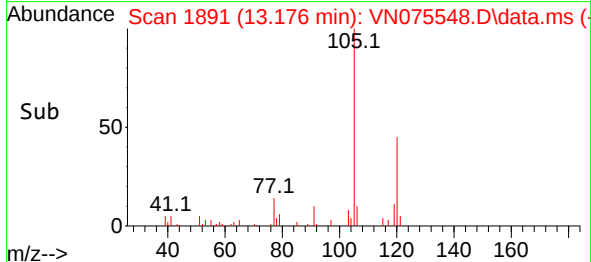
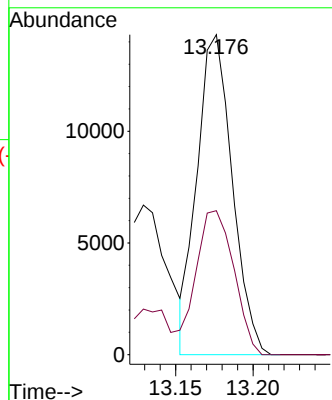
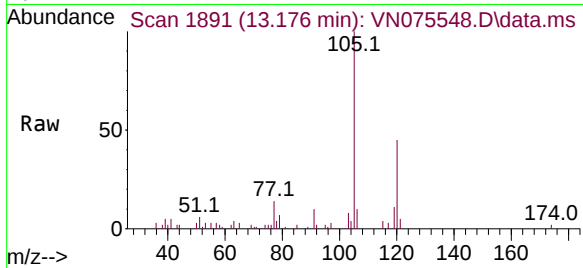




#80
1,3,5-Trimethylbenzene
Concen: 3.412 ug/l
RT: 13.176 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

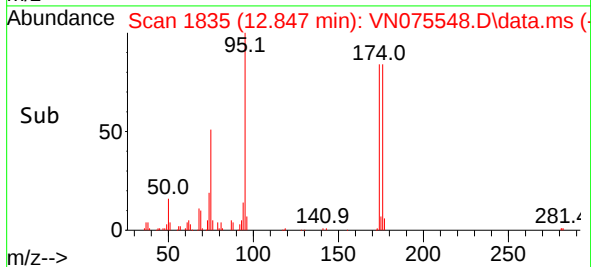
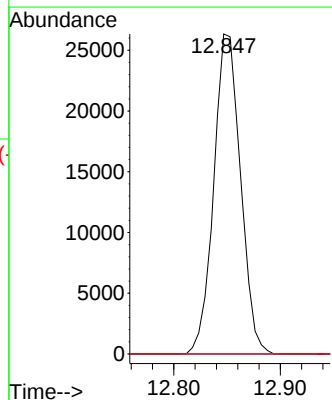
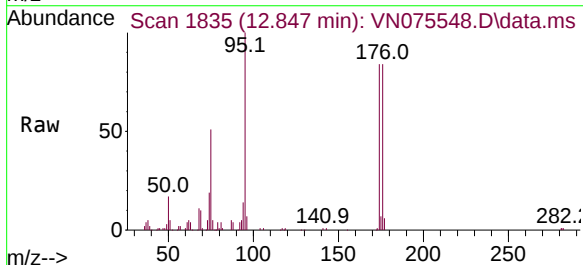
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

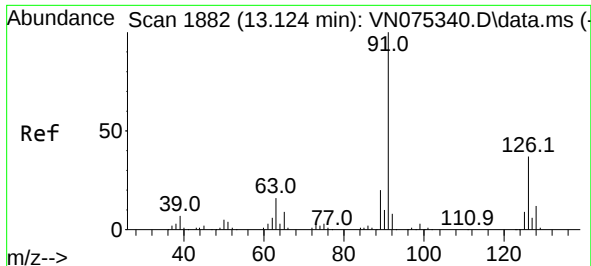
Tgt Ion:105 Resp: 22625
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 65.761 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 75 Resp: 45903
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

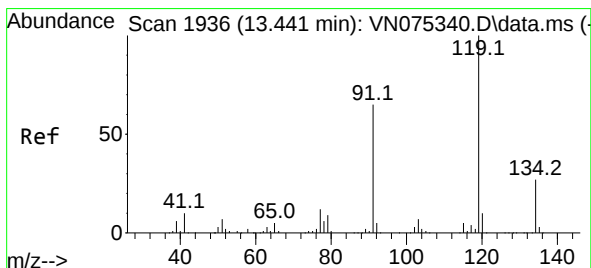
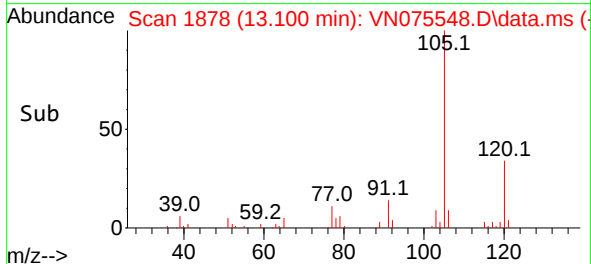
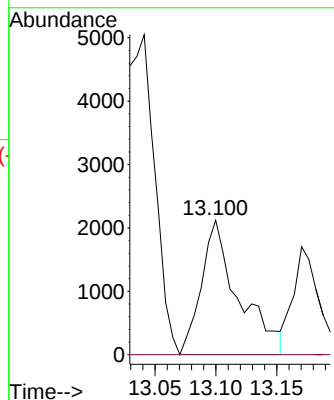
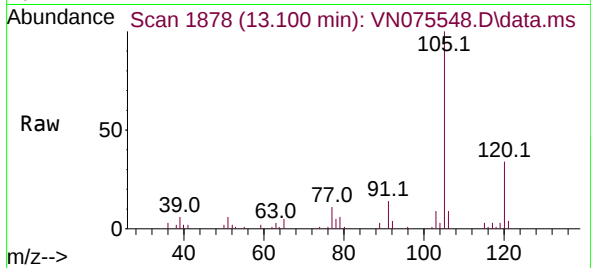




#82
4-Chlorotoluene
Concen: 0.841 ug/l
RT: 13.100 min Scan# 1882
Delta R.T. -0.024 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

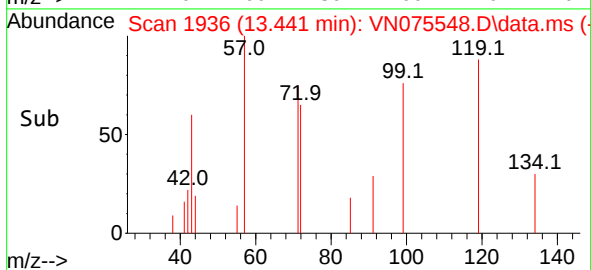
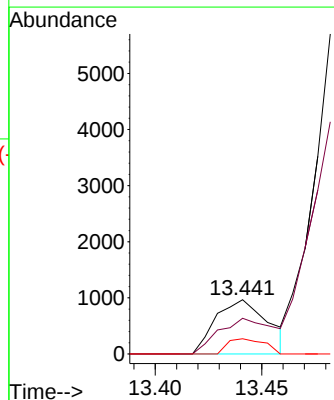
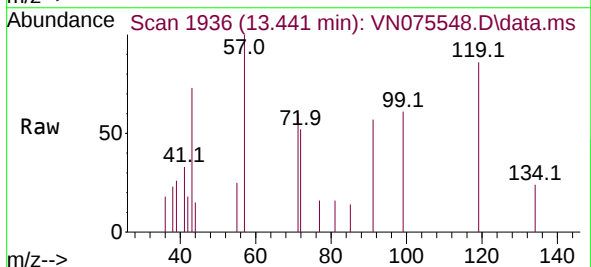
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

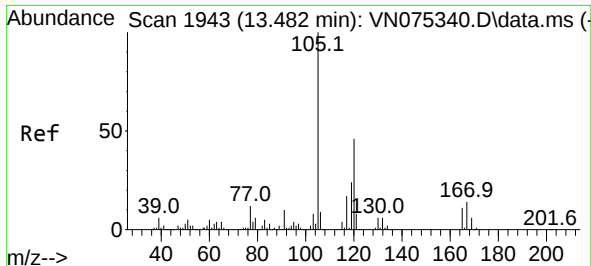
Tgt Ion: 91 Resp: 4513
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#



#83
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion: 119 Resp: 1636
Ion Ratio Lower Upper
119 100
91 59.9 32.8 98.4
134 20.0 12.3 36.9

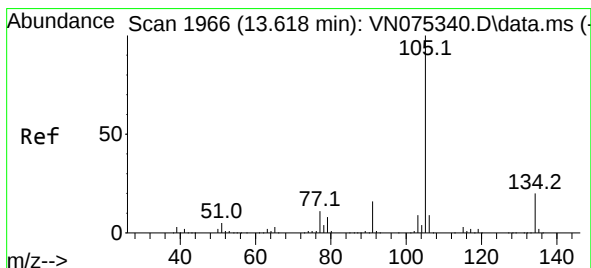
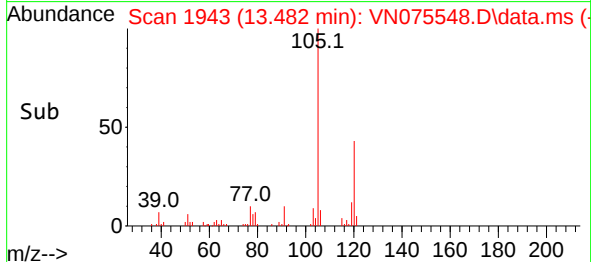
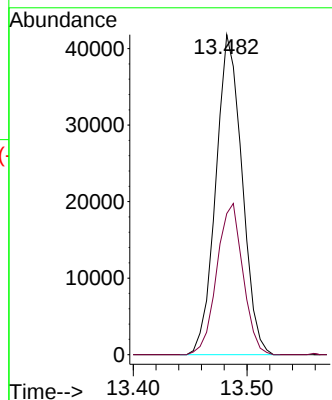
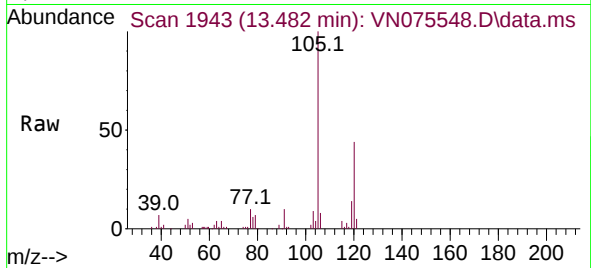




#84
1,2,4-Trimethylbenzene
Concen: 10.066 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

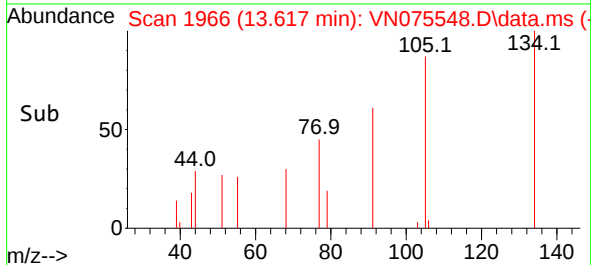
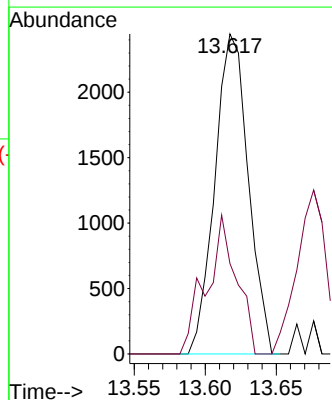
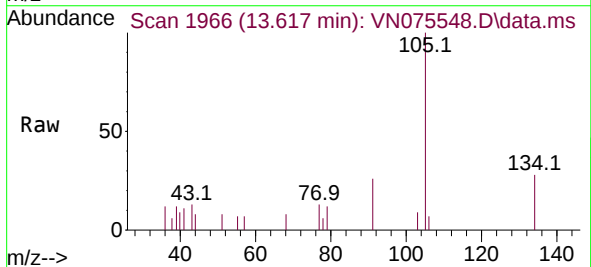
Instrument :
MSVOA_N
ClientSampleId :
DUP-01

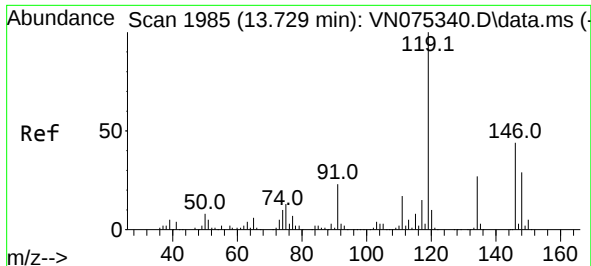
Tgt Ion:105 Resp: 66944
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.1



#85
sec-Butylbenzene
Concen: 0.488 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion:105 Resp: 4005
Ion Ratio Lower Upper
105 100
134 39.2 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 0.985 ug/l

RT: 13.676 min Scan# 1985

Delta R.T. -0.053 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

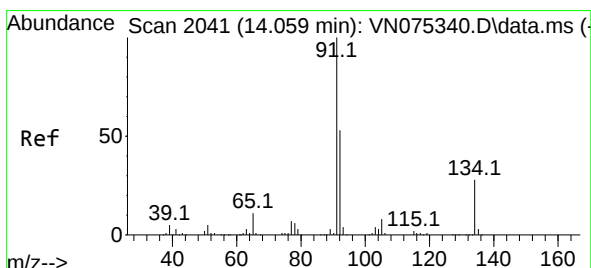
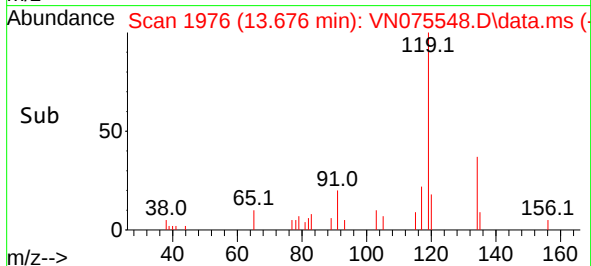
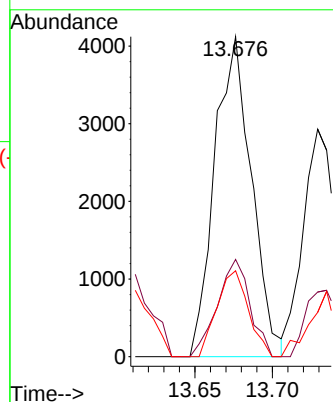
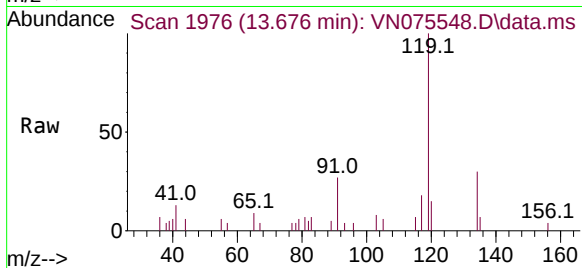
Tgt Ion:119 Resp: 6801

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.0 11.9 35.5



#89

n-Butylbenzene

Concen: 0.540 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075548.D

Acq: 02 Dec 2022 21:40

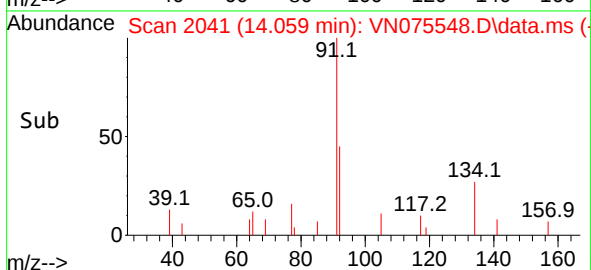
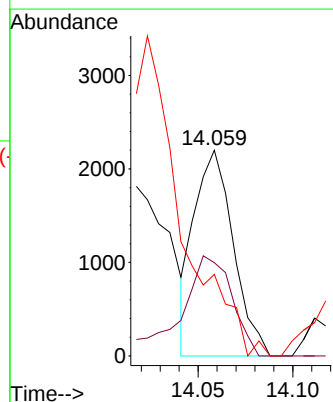
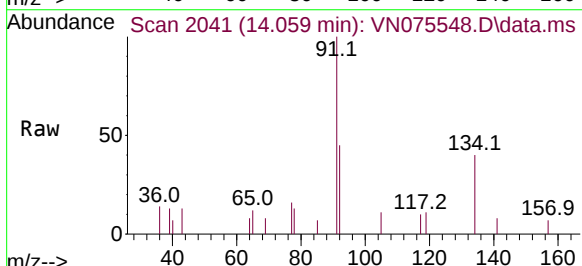
Tgt Ion: 91 Resp: 3150

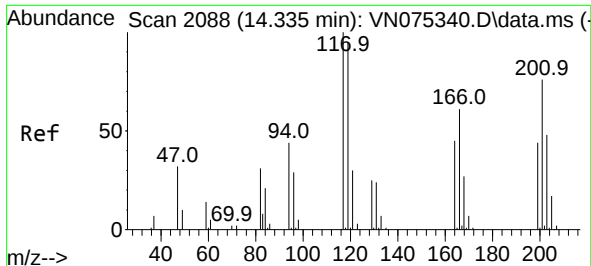
Ion Ratio Lower Upper

91 100

92 63.2 26.5 79.4

134 0.0 13.0 39.0#

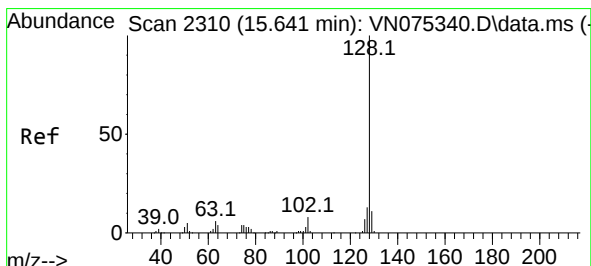
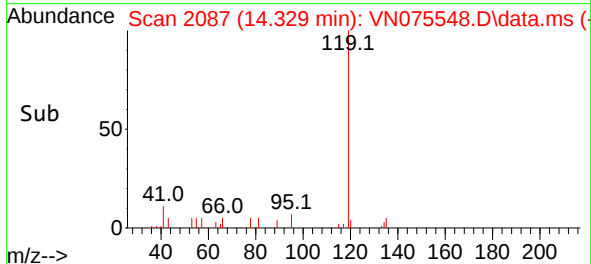
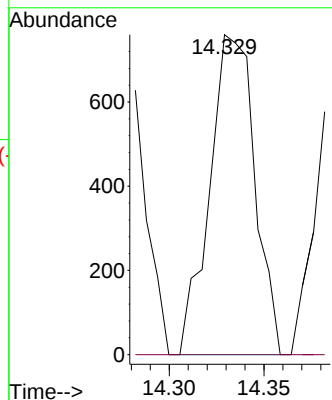
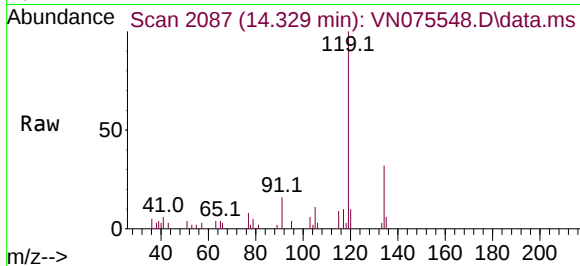




#90
Hexachloroethane
Concen: 1.057 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
DUP-01

Tgt Ion:117 Resp: 1258
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#95
Naphthalene
Concen: 10.332 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075548.D
Acq: 02 Dec 2022 21:40

Tgt Ion:128 Resp: 60610
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.8 8.6 12.8

