

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073432.D
 Acq On : 12 Jul 2022 13:19
 Operator : JC\MD
 Sample : N3524-09DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31493DL

Quant Time: Jul 13 06:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	268049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	457470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	433046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	212601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179760	46.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.900%
35) Dibromofluoromethane	7.951	113	146783	48.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.380	98	499801	46.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.668	95	221239	53.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.520%
Target Compounds						
						Qvalue
6) Chloroethane	2.969	64	523	0.275	ug/l	# 42
8) Diethyl Ether	3.757	74	1366	0.600	ug/l	66
10) Methyl Iodide	4.346	142	206	3.778	ug/l	# 44
11) Tert butyl alcohol	5.281	59	18059	19.265	ug/l	# 86
13) Acrolein	3.981	56	370	0.624	ug/l	# 38
14) Allyl chloride	4.722	41	2235	0.336	ug/l	# 26
16) Acetone	4.222	43	215274	99.110	ug/l	95
18) Methyl Acetate	4.793	43	3316	0.545	ug/l	# 70
19) Methyl tert-butyl Ether	5.540	73	8393	0.730	ug/l	97
20) Methylene Chloride	5.022	84	9901	2.594	ug/l	# 84
25) 2-Butanone	7.263	43	72179	20.872	ug/l	89
26) 2,2-Dichloropropane	7.228	77	1702	0.287	ug/l	# 53
29) Tetrahydrofuran	7.622	42	1586	0.670	ug/l	# 61
31) Cyclohexane	8.010	56	8435	1.331	ug/l	# 50
36) 1,1-Dichloropropene	8.016	75	22817	4.872	ug/l	# 49
37) Ethyl Acetate	7.328	43	11949	1.689	ug/l	# 93
38) Carbon Tetrachloride	8.010	117	28244	5.832	ug/l	# 17
40) Benzene	8.392	78	524618	36.298	ug/l	100
42) 1,2-Dichloroethane	8.392	62	5001	0.955	ug/l	# 74
43) Isopropyl Acetate	8.492	43	33014	3.246	ug/l	# 88
48) Methyl methacrylate	9.480	41	10267	2.180	ug/l	# 39
51) 4-Methyl-2-Pentanone	10.269	43	18947	2.938	ug/l	88
52) Toluene	10.439	92	336307	37.652	ug/l	100
54) cis-1,3-Dichloropropene	10.104	75	2909	0.505	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.104	63	3342	1.261	ug/l	91
59) 2-Hexanone	11.027	43	38271	7.785	ug/l	# 57
61) 1,2-Dibromoethane	11.557	107	2843	0.774	ug/l	# 1
67) Ethyl Benzene	11.780	91	121209	6.817	ug/l	96
68) m/p-Xylenes	11.886	106	160901	23.978	ug/l	93
69) o-Xylene	12.221	106	101762	14.855	ug/l	93
70) Styrene	12.221	104	6991	0.661	ug/l	# 1
73) Isopropylbenzene	12.516	105	10713	0.584	ug/l	98
74) N-amyl acetate	12.292	43	23951	2.605	ug/l	# 56
75) 1,1,2,2-Tetrachloroethane	12.786	83	2334	0.383	ug/l	# 39
76) 1,2,3-Trichloropropane	12.668	75	119876	21.564	ug/l	# 1
78) n-propylbenzene	12.857	91	22588	1.108	ug/l	96

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

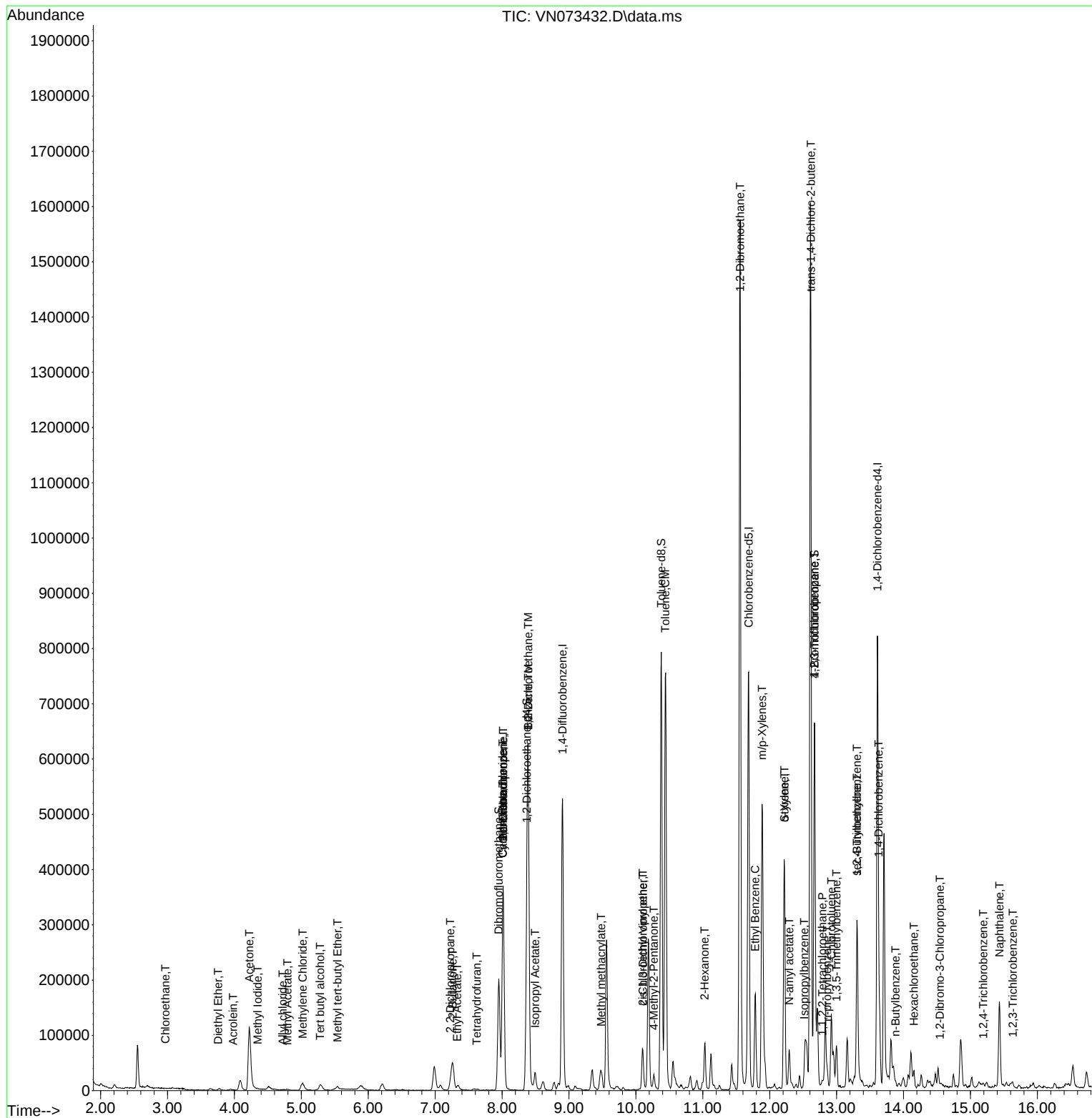
79) 2-Chlorotoluene	12.921	91	14294	1.107	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	37412	2.500	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.616	75	6303	3.109	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.304	105	173669	11.624	ug/l	95
85) sec-Butylbenzene	13.304	105	173669	9.641	ug/l #	56
88) 1,4-Dichlorobenzene	13.627	146	1674	0.218	ug/l #	1
89) n-Butylbenzene	13.880	91	3598	0.297	ug/l #	75
90) Hexachloroethane	14.157	117	1456	0.537	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.545	75	612	0.413	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.192	180	2195	0.540	ug/l #	83
95) Naphthalene	15.433	128	139744	8.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	2702	0.645	ug/l #	81

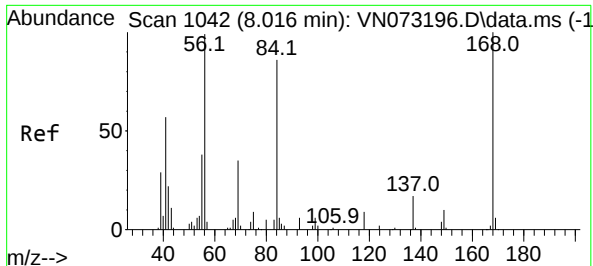
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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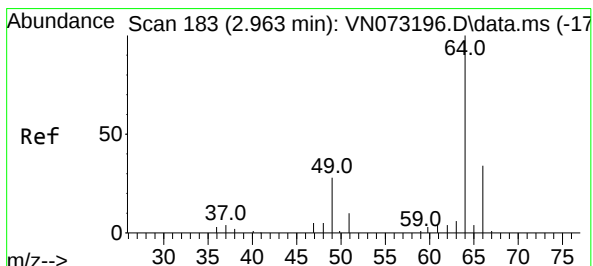
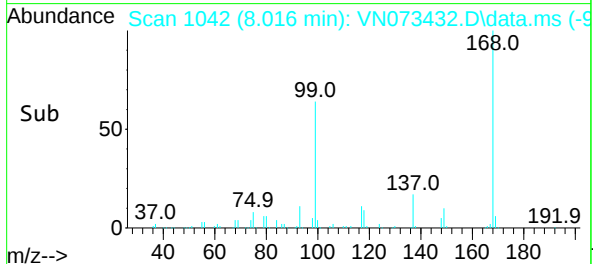
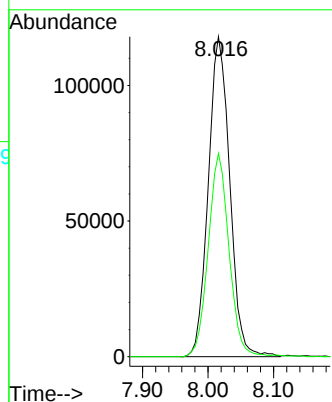
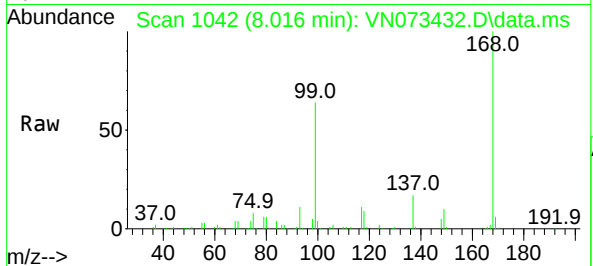




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

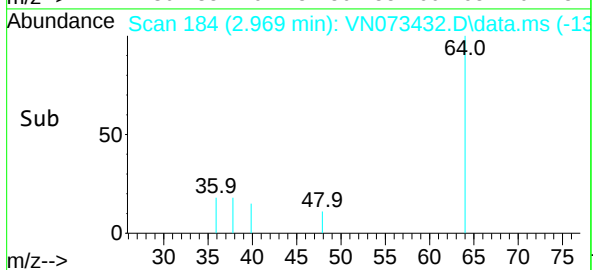
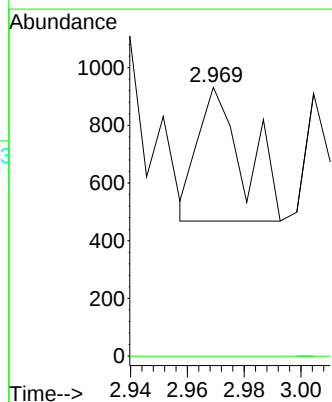
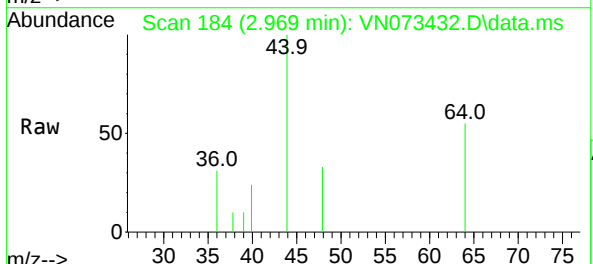
Instrument :
MSVOA_N
ClientSampleId :
31493DL

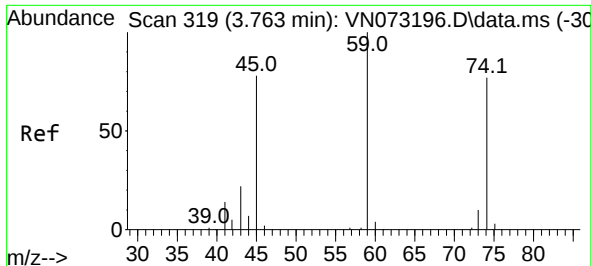
Tgt Ion:168 Resp: 268049
Ion Ratio Lower Upper
168 100
99 63.6 42.3 63.5#



#6
Chloroethane
Concen: 0.275 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.006 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 64 Resp: 523
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#8

Diethyl Ether

Concen: 0.600 ug/l

RT: 3.757 min Scan# 319

Delta R.T. -0.006 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

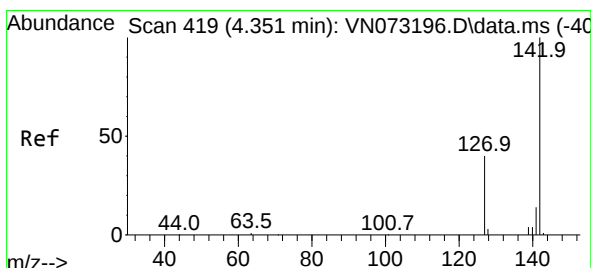
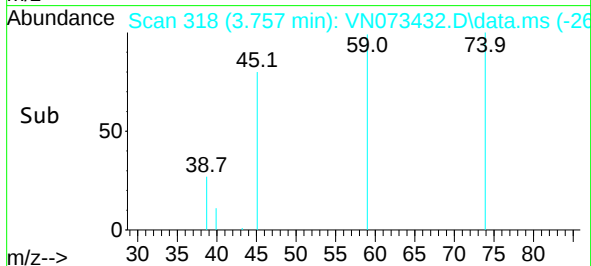
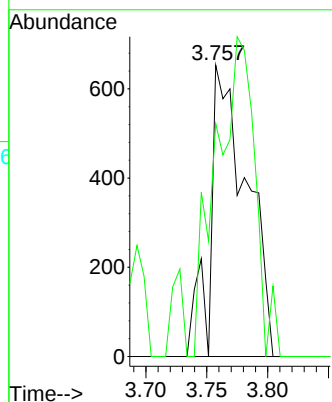
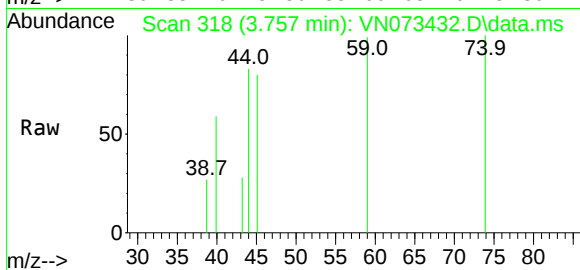
31493DL

Tgt Ion: 74 Resp: 1366

Ion Ratio Lower Upper

74 100

45 116.6 42.9 128.5



#10

Methyl Iodide

Concen: 3.778 ug/l

RT: 4.346 min Scan# 418

Delta R.T. -0.005 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

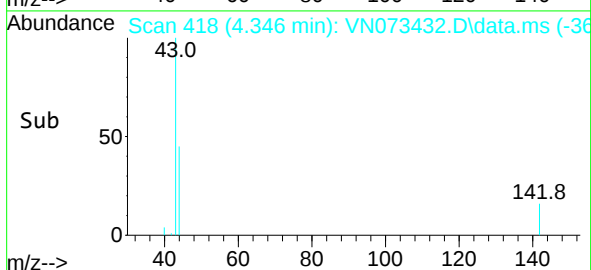
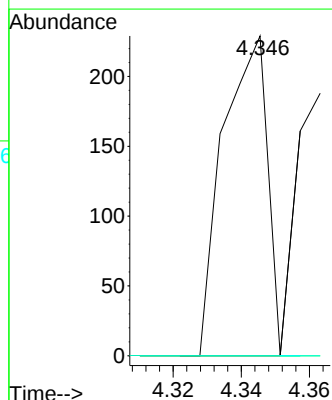
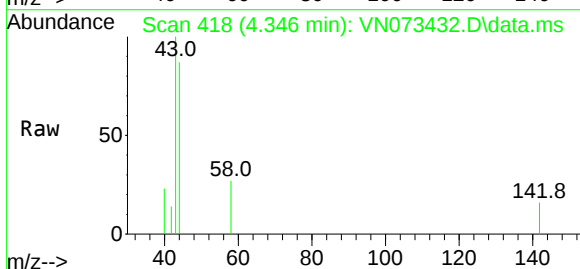
Tgt Ion: 142 Resp: 206

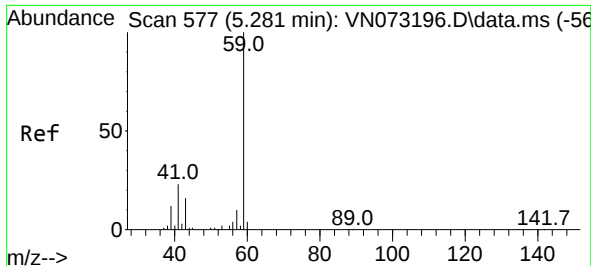
Ion Ratio Lower Upper

142 100

127 0.0 31.3 46.9#

141 0.0 11.2 16.8#

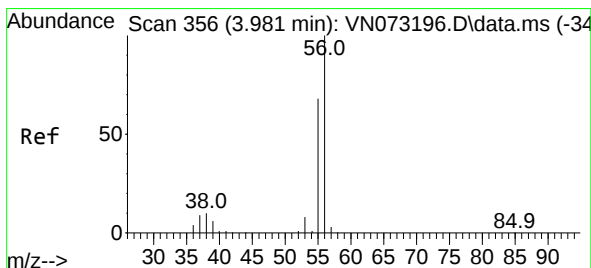
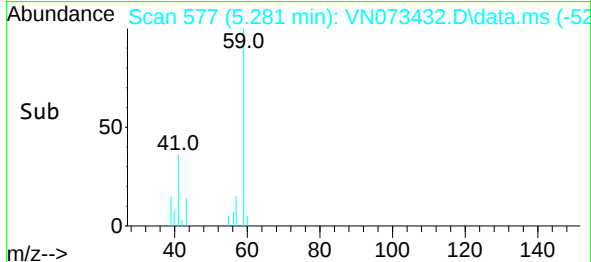
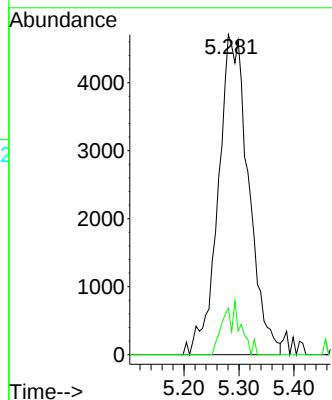
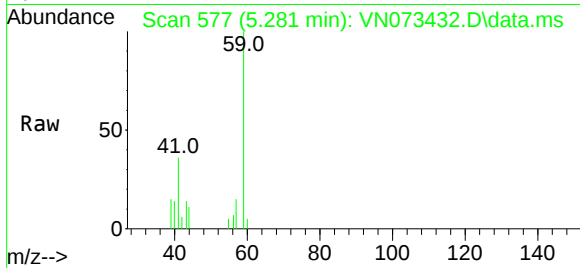




#11
Tert butyl alcohol
Concen: 19.265 ug/l
RT: 5.281 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

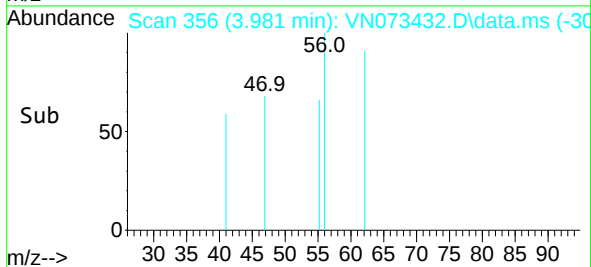
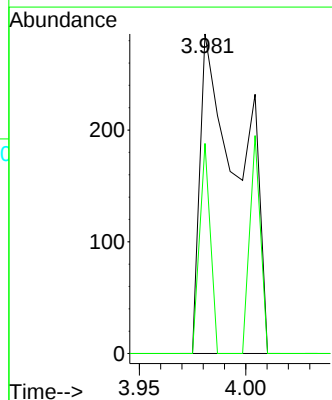
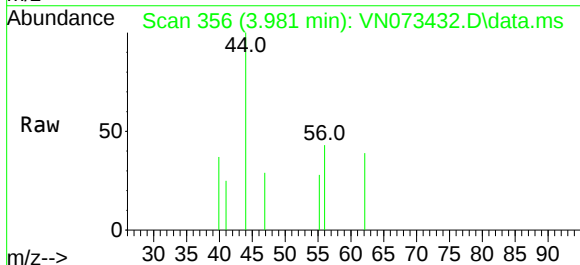
Instrument :
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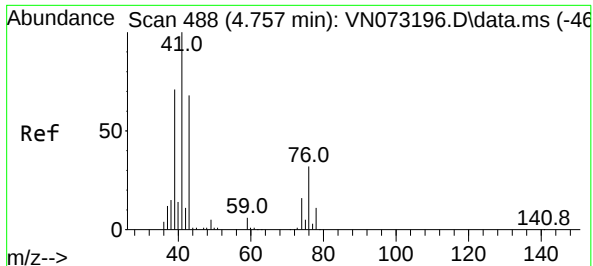
Tgt Ion: 59 Resp: 18059
Ion Ratio Lower Upper
59 100
57 5.0 8.3 12.5#



#13
Acrolein
Concen: 0.624 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 56 Resp: 370
Ion Ratio Lower Upper
56 100
55 17.8 54.8 82.2#





#14

Allyl chloride

Concen: 0.336 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.035 min

Lab File: VN073432.D

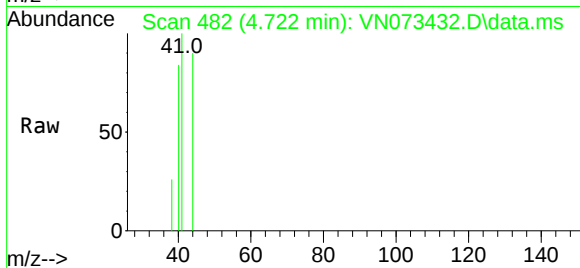
Acq: 12 Jul 2022 13:19

Instrument :

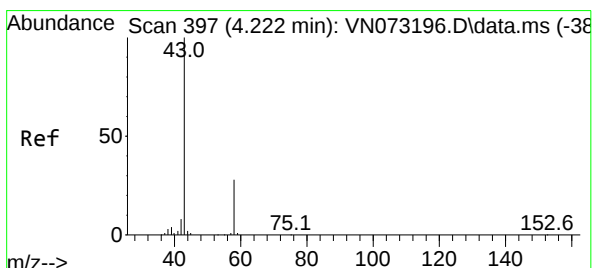
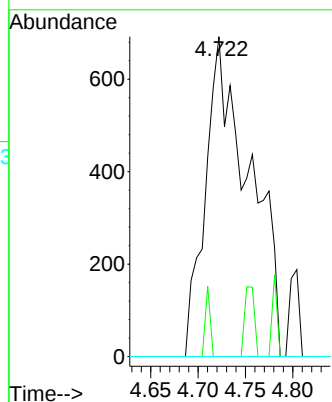
MSVOA_N

ClientSampleId :

31493DL



Tgt Ion: 41	Resp: 2235
Ion Ratio	Lower Upper
41	100
39	2.4 53.2 79.8#
76	0.0 29.9 44.9#



#16

Acetone

Concen: 99.110 ug/l

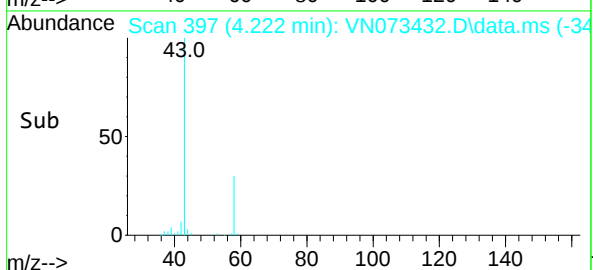
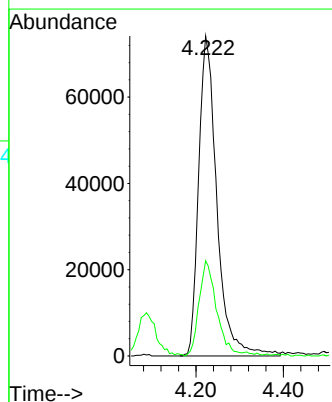
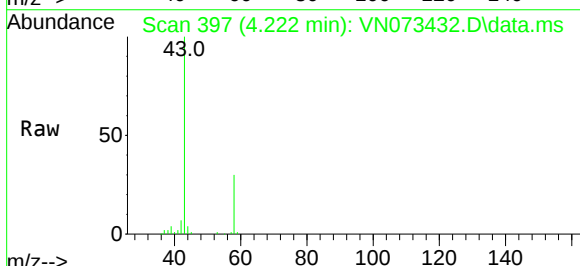
RT: 4.222 min Scan# 397

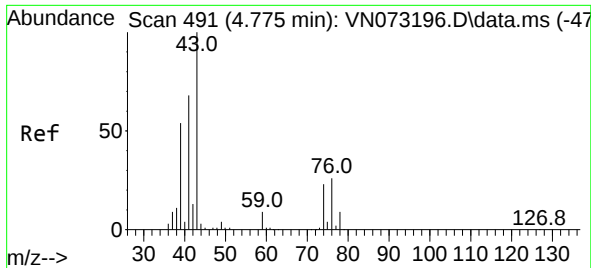
Delta R.T. -0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Tgt Ion: 43	Resp: 215274
Ion Ratio	Lower Upper
43	100
58	29.5 26.0 39.0

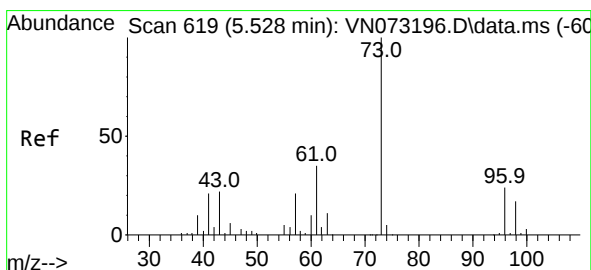
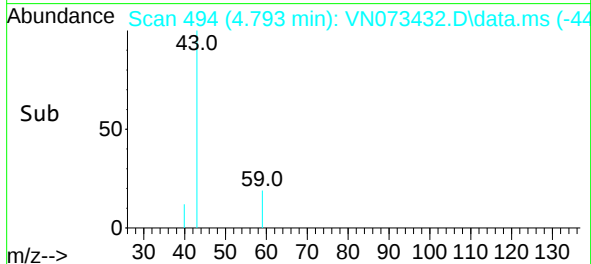
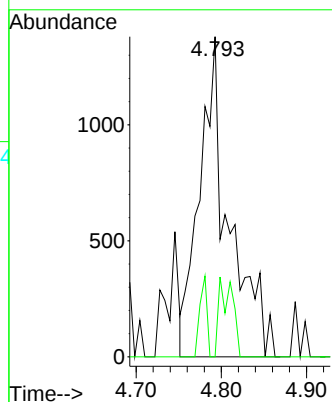
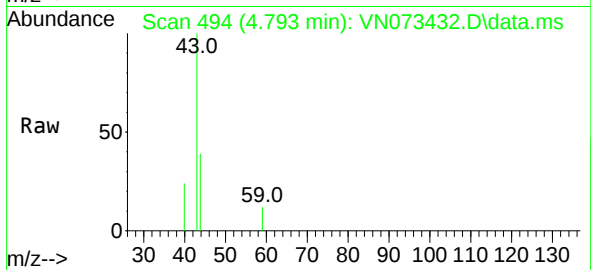




#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

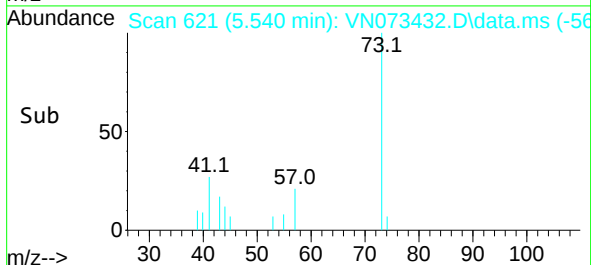
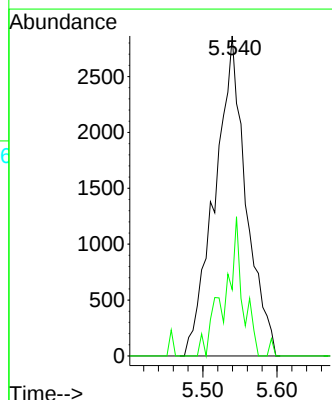
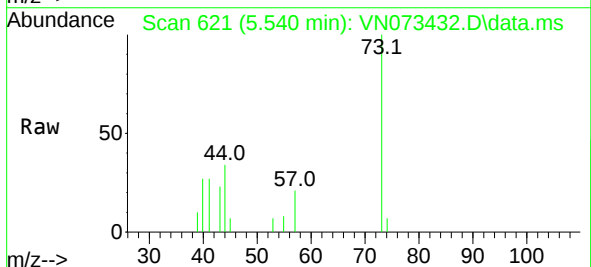
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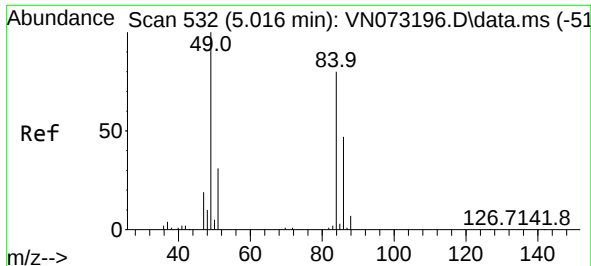
Tgt Ion: 43 Resp: 3316
Ion Ratio Lower Upper
43 100
74 11.3 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.730 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.012 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 73 Resp: 8393
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

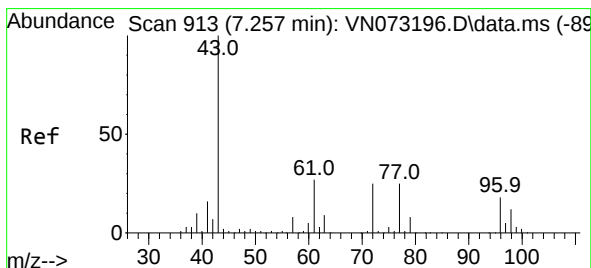
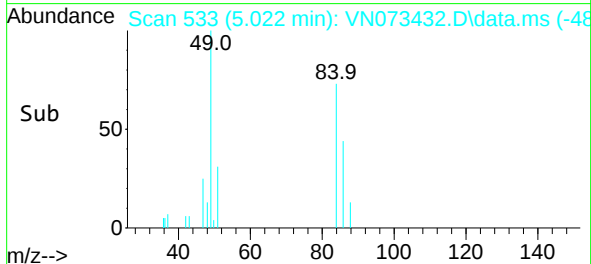
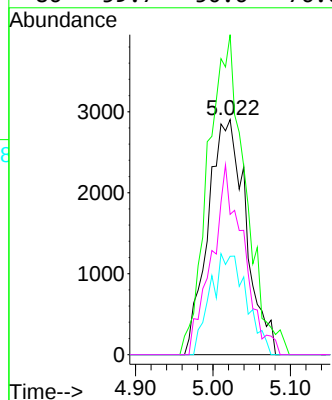
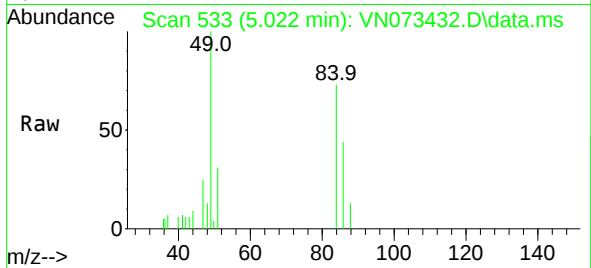




#20
Methylene Chloride
Concen: 2.594 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

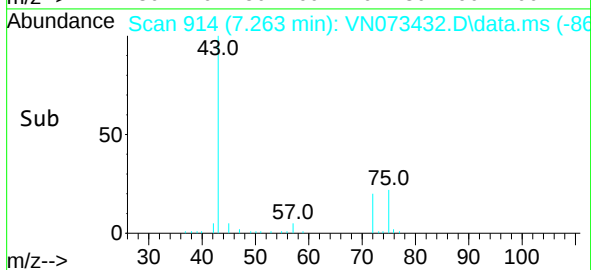
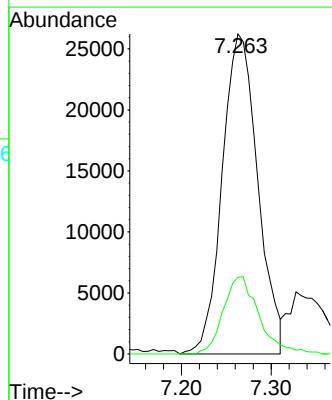
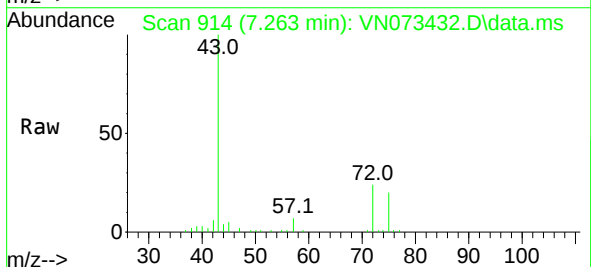
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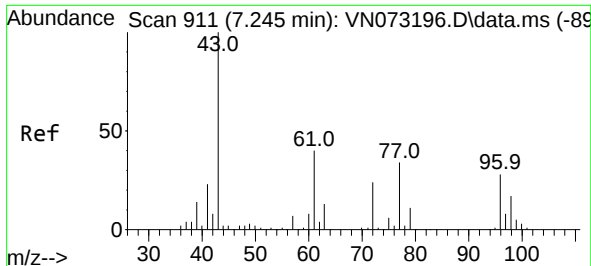
Tgt Ion: 84 Resp: 9901
Ion Ratio Lower Upper
84 100
49 136.2 88.3 132.5#
51 41.9 28.2 42.2
86 59.7 50.6 76.0



#25
2-Butanone
Concen: 20.872 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 43 Resp: 72179
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5





#26

2,2-Dichloropropane

Concen: 0.287 ug/l

RT: 7.228 min Scan# 908

Delta R.T. -0.017 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

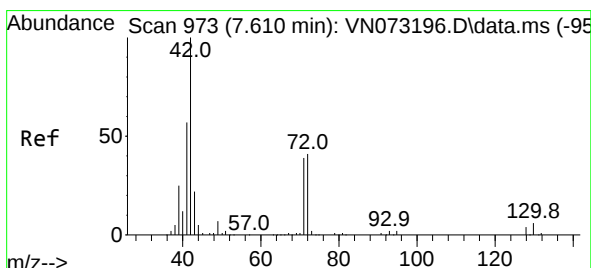
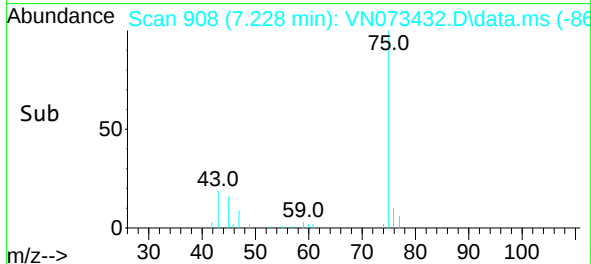
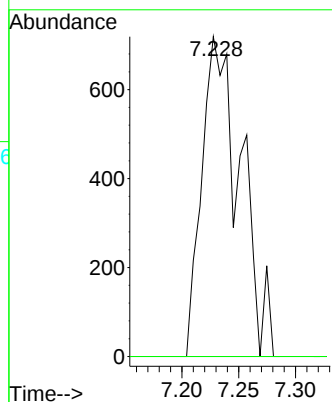
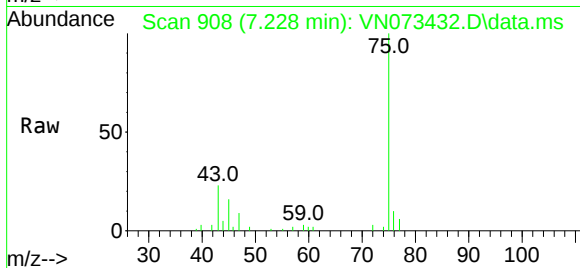
31493DL

Tgt Ion: 77 Resp: 1702

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.670 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.012 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

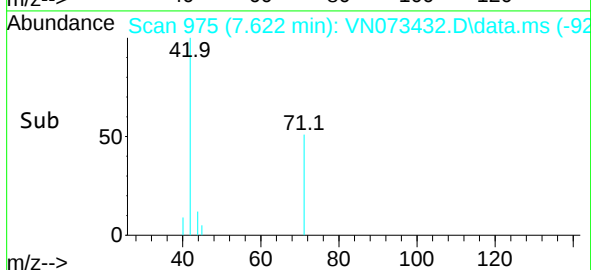
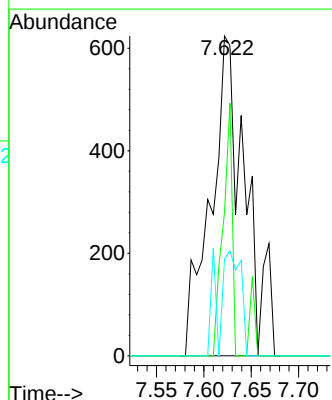
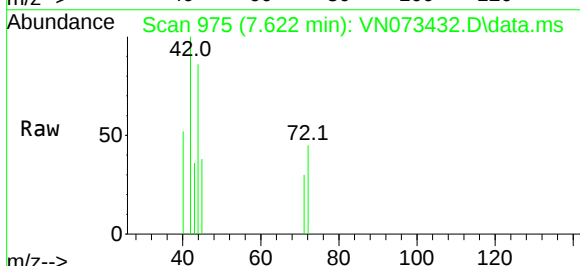
Tgt Ion: 42 Resp: 1586

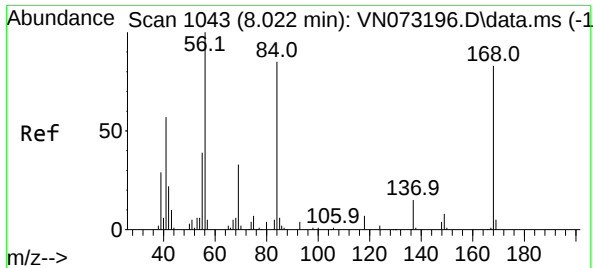
Ion Ratio Lower Upper

42 100

72 21.1 39.7 59.5#

71 21.3 36.6 55.0#

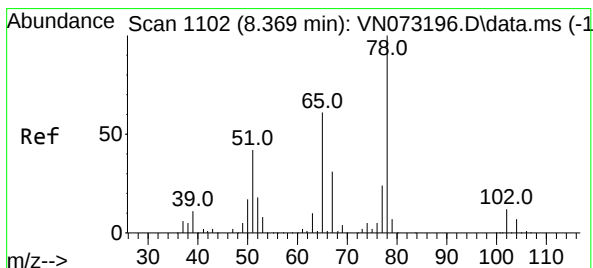
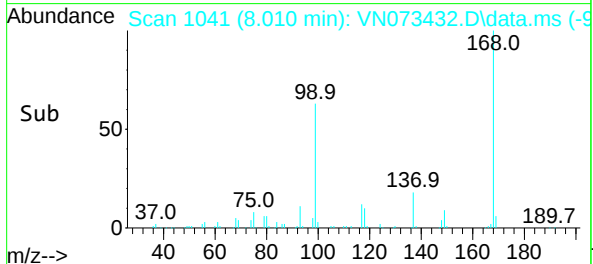
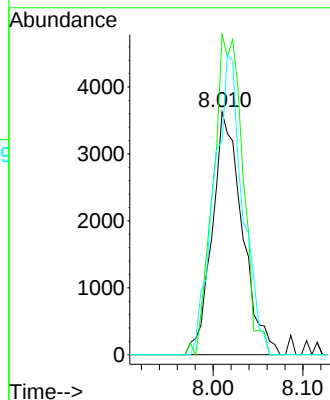
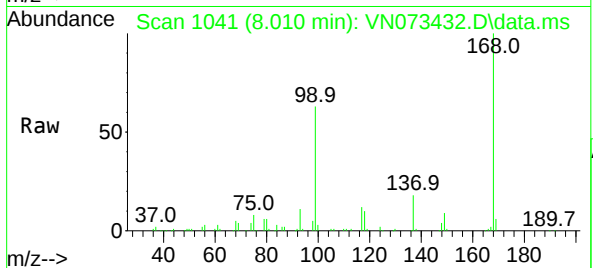




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

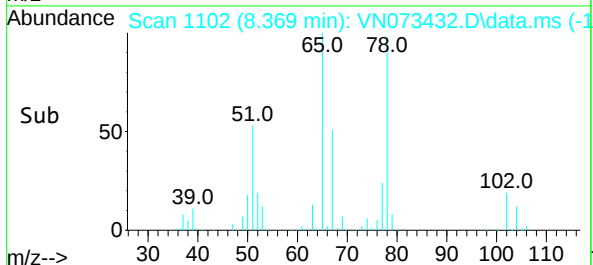
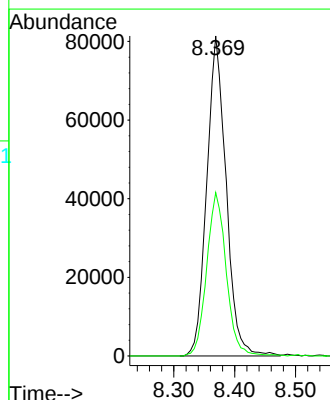
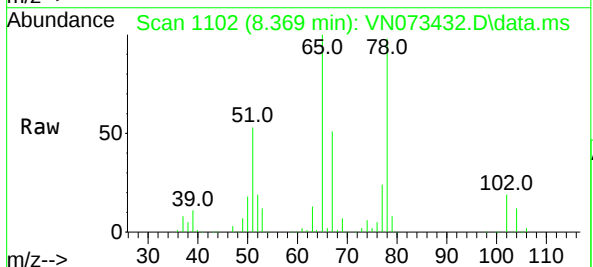
Instrument :
MSVOA_N
ClientSampleId :
31493DL

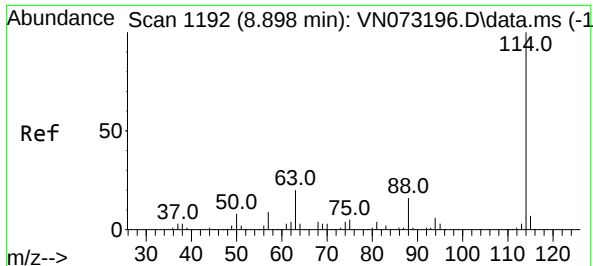
Tgt Ion: 56 Resp: 8435
Ion Ratio Lower Upper
56 100
69 131.8 27.8 41.8#
84 88.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.455 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 65 Resp: 179760
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

31493DL

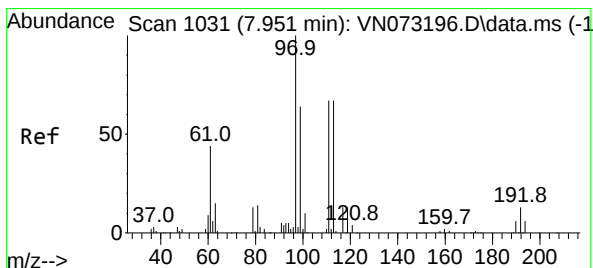
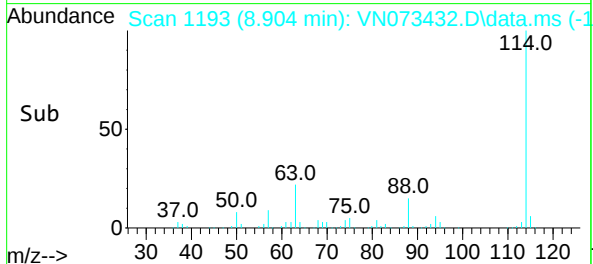
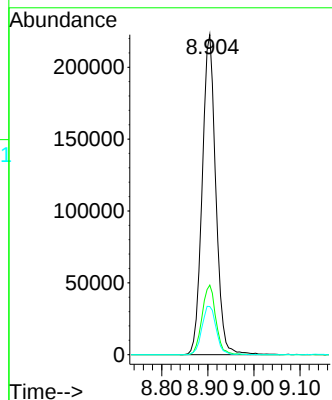
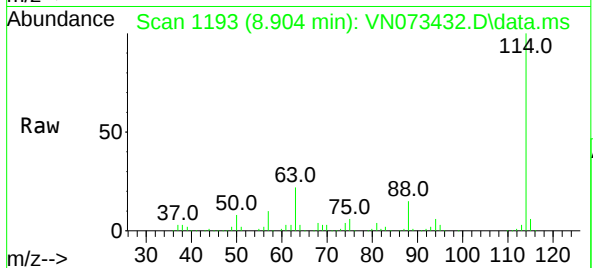
Tgt Ion:114 Resp: 457470

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.227 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

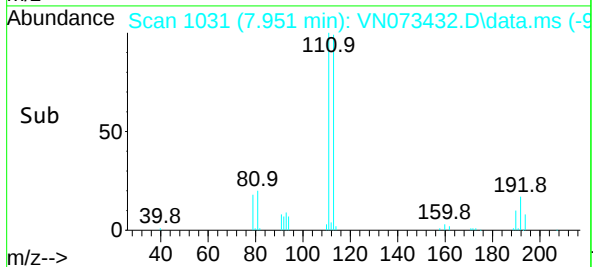
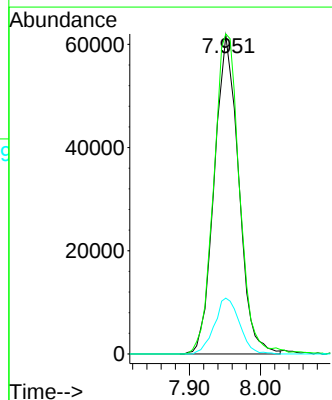
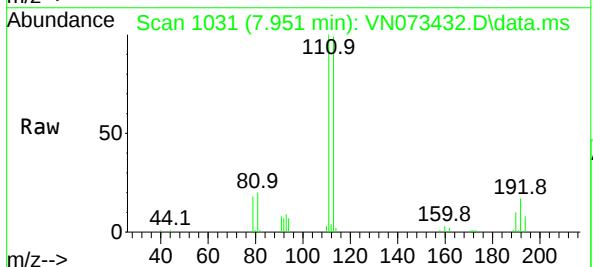
Tgt Ion:113 Resp: 146783

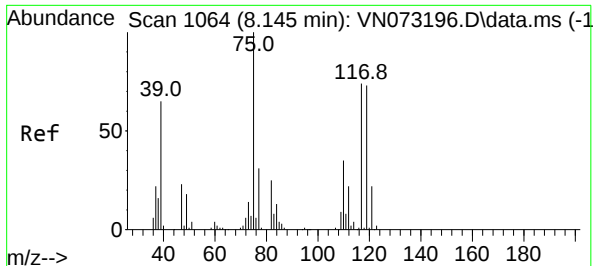
Ion Ratio Lower Upper

113 100

111 106.4 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

31493DL

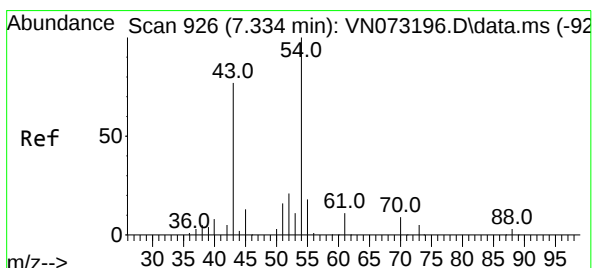
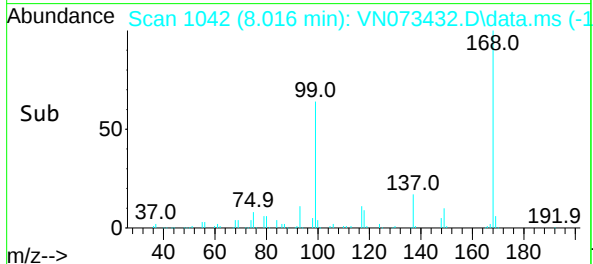
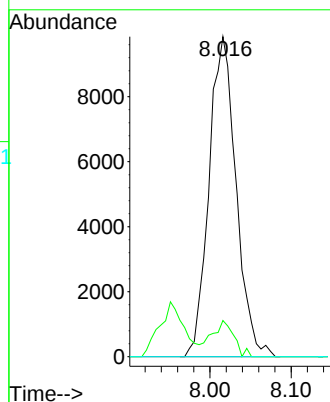
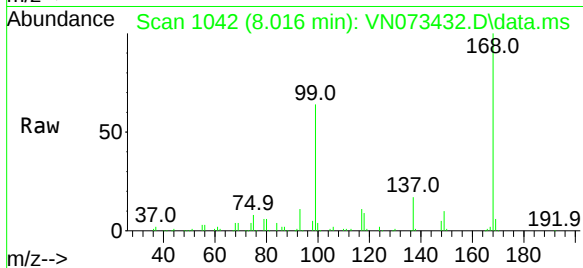
Tgt Ion: 75 Resp: 22817

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.689 ug/l

RT: 7.328 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

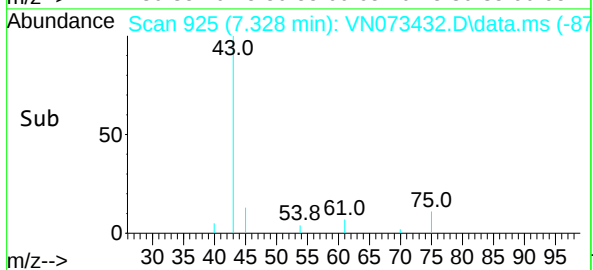
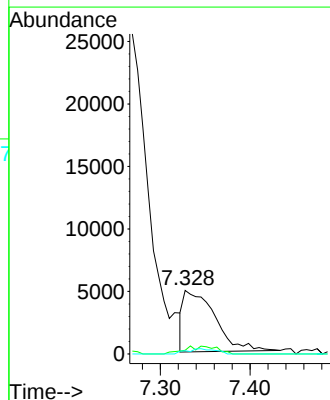
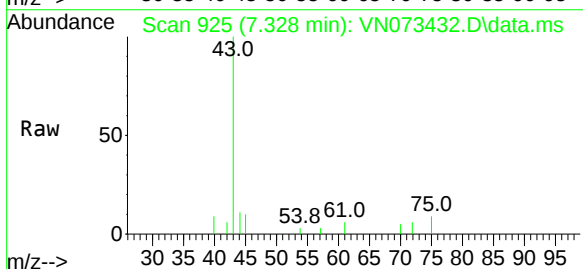
Tgt Ion: 43 Resp: 11949

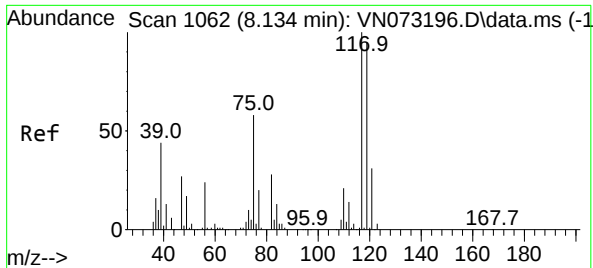
Ion Ratio Lower Upper

43 100

61 13.0 11.8 17.6

70 7.7 9.3 13.9#

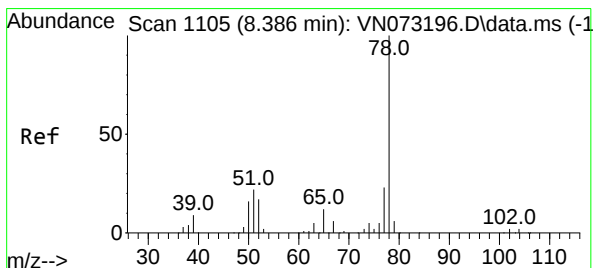
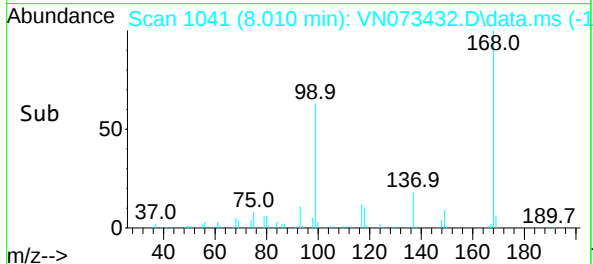
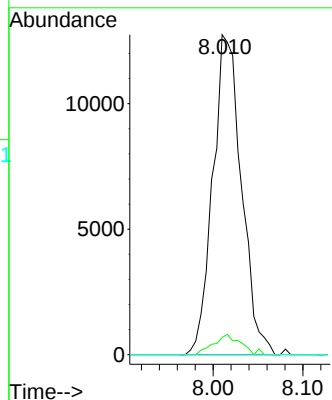
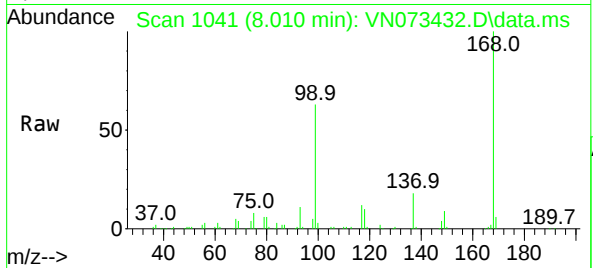




#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 8.010 min Scan# 1106
Delta R.T. -0.124 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

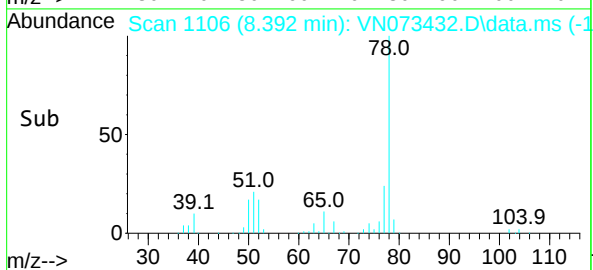
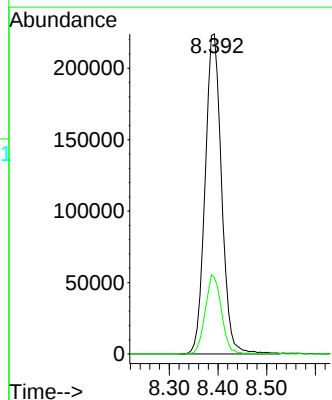
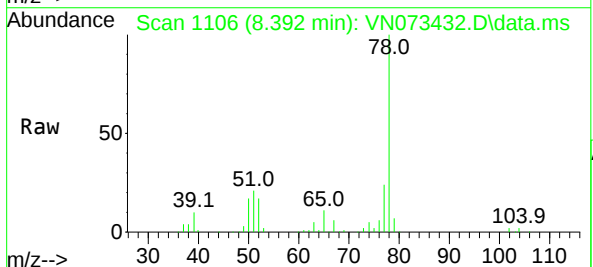
Instrument :
MSVOA_N
ClientSampleId :
31493DL

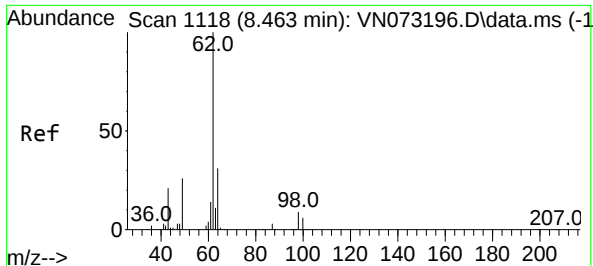
Tgt Ion:117 Resp: 28244
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 36.298 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 78 Resp: 524618
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#42

1,2-Dichloroethane

Concen: 0.955 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.071 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

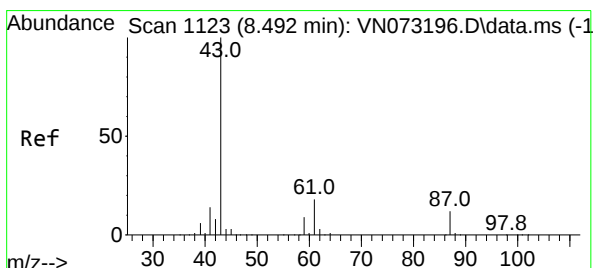
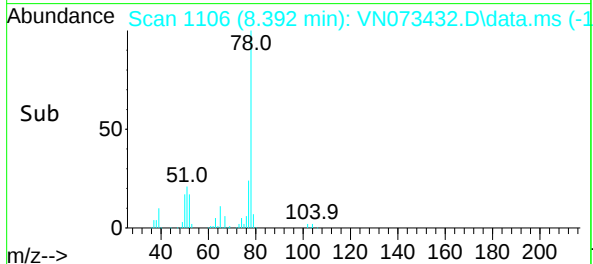
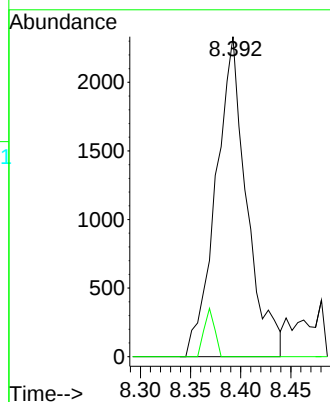
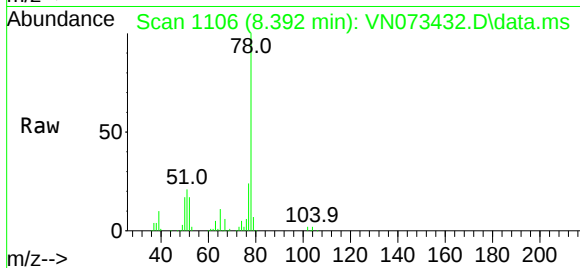
31493DL

Tgt Ion: 62 Resp: 5001

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#43

Isopropyl Acetate

Concen: 3.246 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

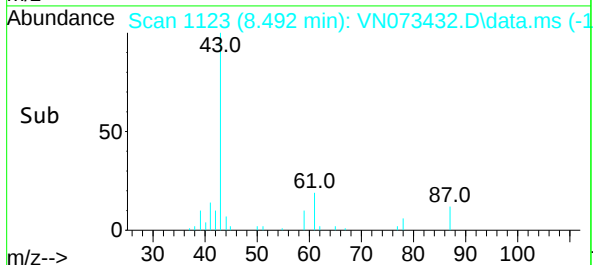
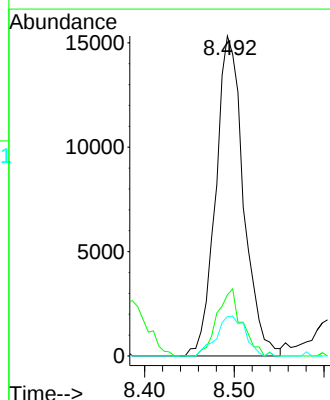
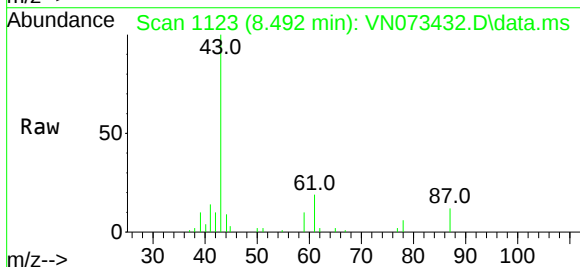
Tgt Ion: 43 Resp: 33014

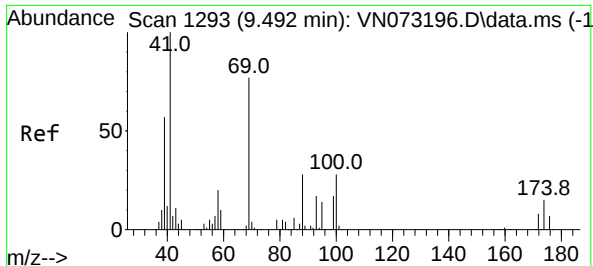
Ion Ratio Lower Upper

43 100

61 18.8 21.9 32.9#

87 13.1 12.0 18.0





#48

Methyl methacrylate

Concen: 2.180 ug/l

RT: 9.480 min Scan# 1291

Delta R.T. -0.012 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

31493DL

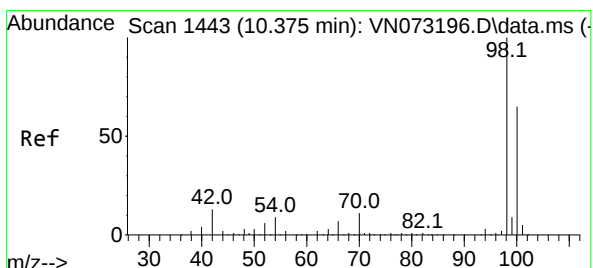
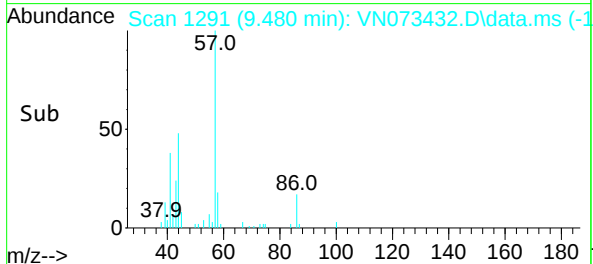
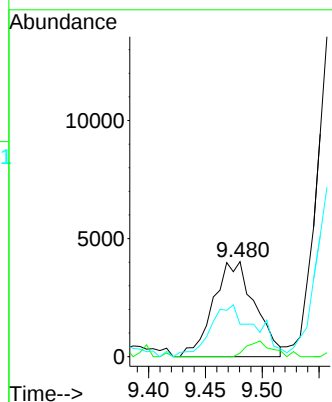
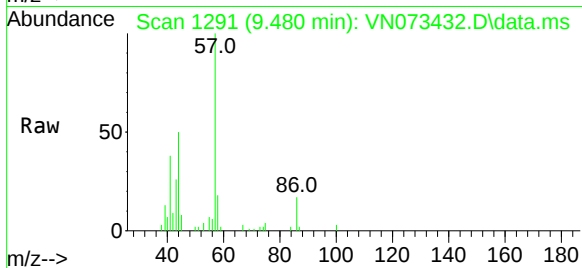
Tgt Ion: 41 Resp: 10267

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 59.3 45.6 68.4



#50

Toluene-d8

Concen: 46.236 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073432.D

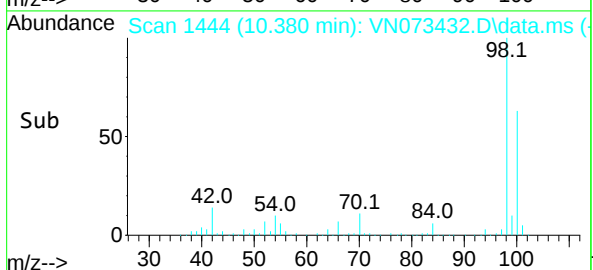
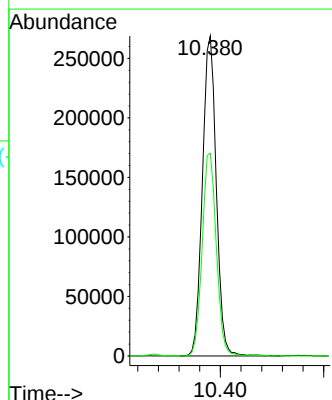
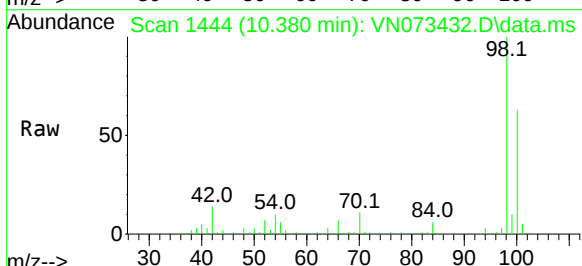
Acq: 12 Jul 2022 13:19

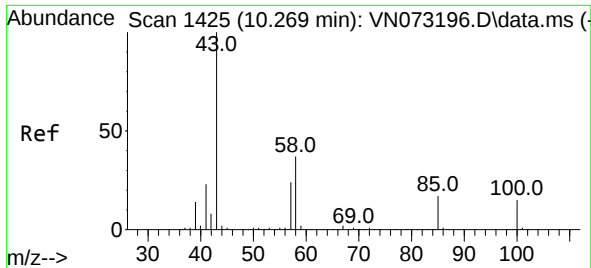
Tgt Ion: 98 Resp: 499801

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 2.938 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

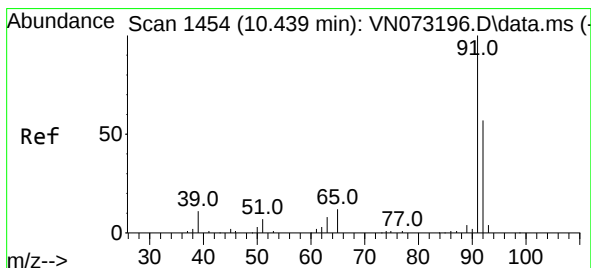
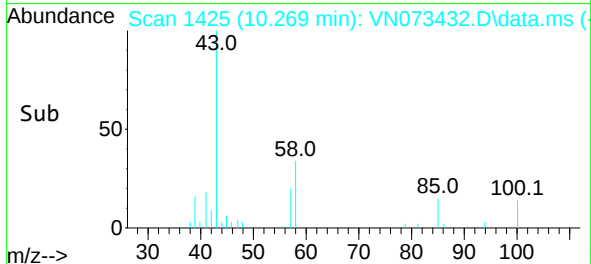
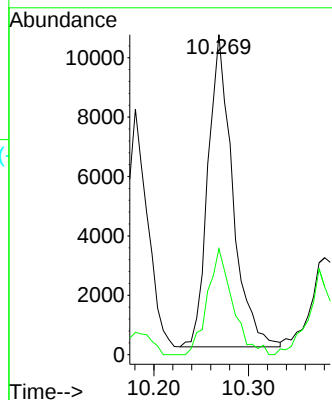
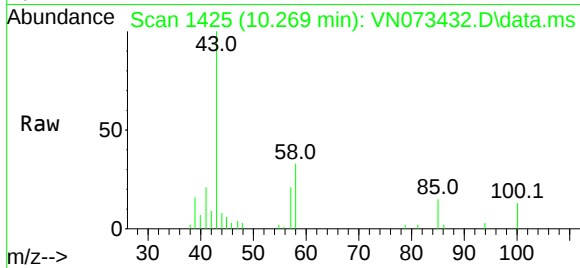
31493DL

Tgt Ion: 43 Resp: 18947

Ion Ratio Lower Upper

43 100

58 34.7 34.1 51.1



#52

Toluene

Concen: 37.652 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073432.D

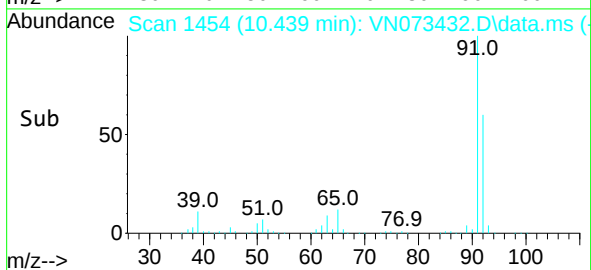
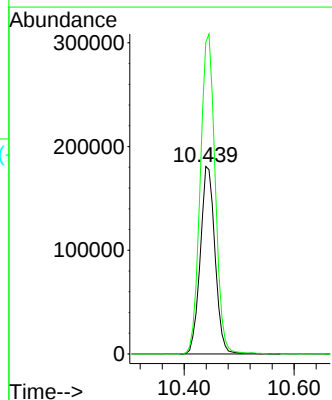
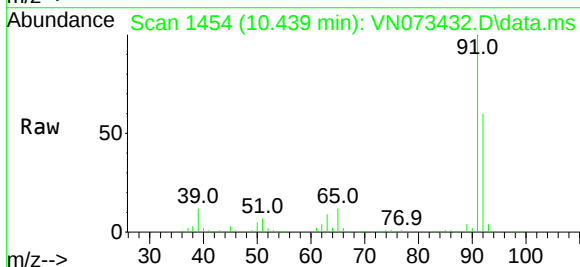
Acq: 12 Jul 2022 13:19

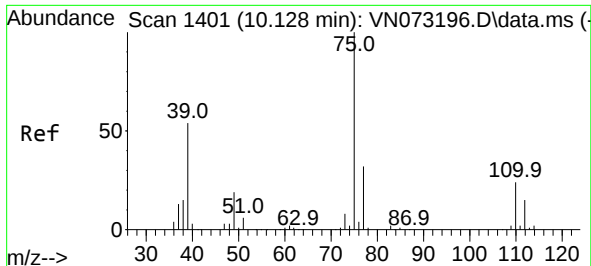
Tgt Ion: 92 Resp: 336307

Ion Ratio Lower Upper

92 100

91 172.9 138.6 207.8

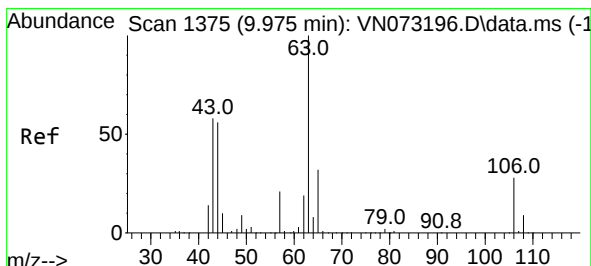
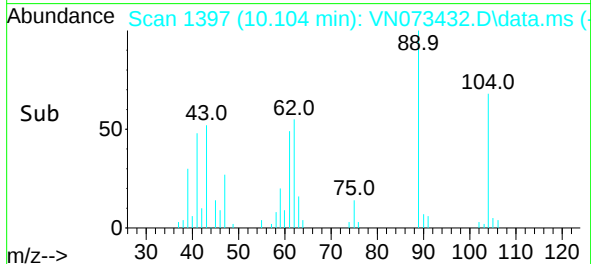
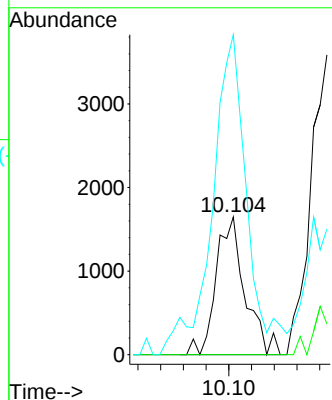
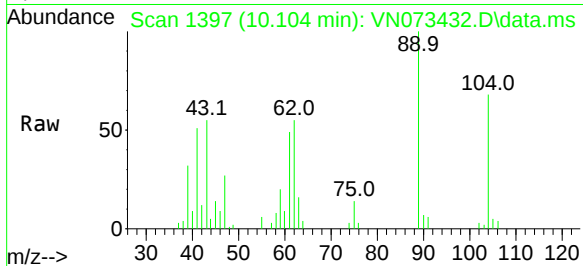




#54
 cis-1,3-Dichloropropene
 Concen: 0.505 ug/l
 RT: 10.104 min Scan# 1397
 Delta R.T. -0.024 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

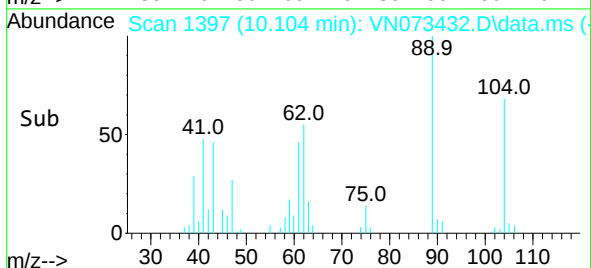
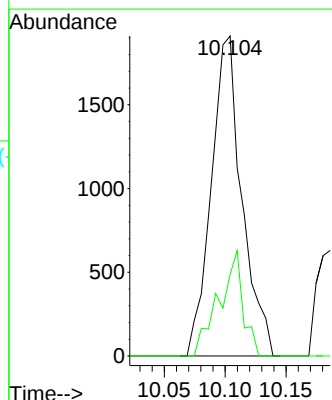
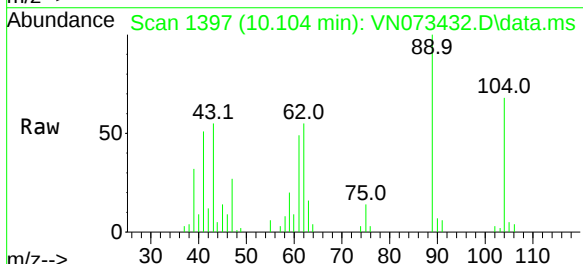
Instrument :
 MSVOA_N
 ClientSampleId :
 31493DL

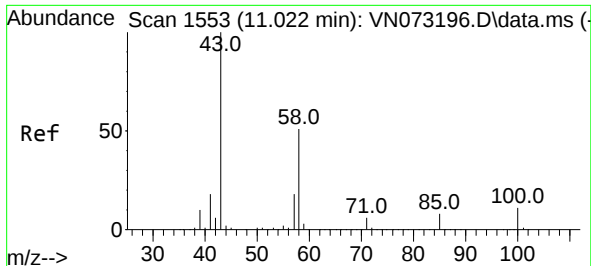
Tgt Ion: 75 Resp: 2909
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 210.9 35.7 53.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.261 ug/l
 RT: 10.104 min Scan# 1397
 Delta R.T. 0.129 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

Tgt Ion: 63 Resp: 3342
 Ion Ratio Lower Upper
 63 100
 106 25.8 24.6 36.8

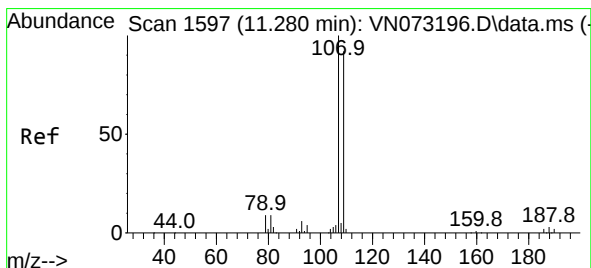
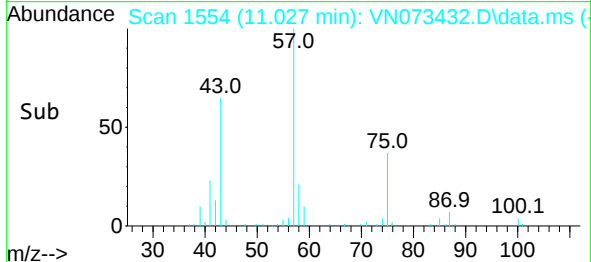
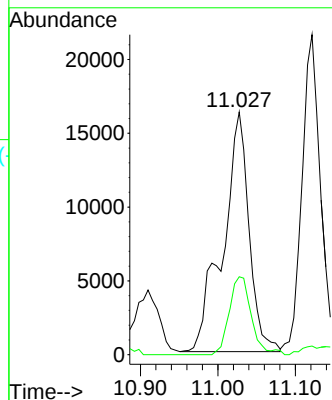
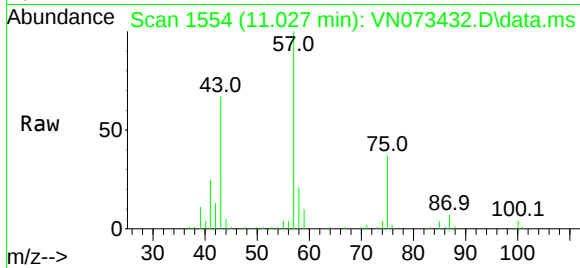




#59
2-Hexanone
Concen: 7.785 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

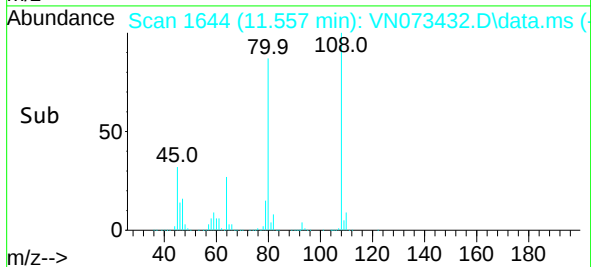
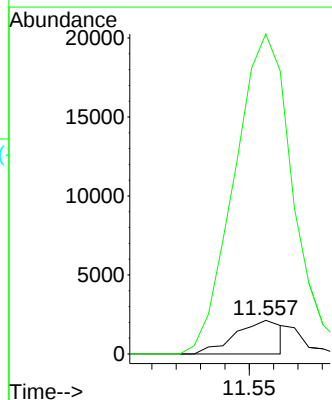
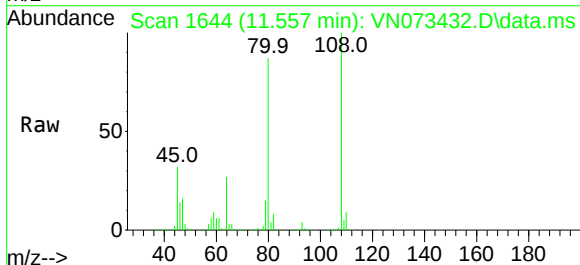
Instrument :
MSVOA_N
ClientSampleId :
31493DL

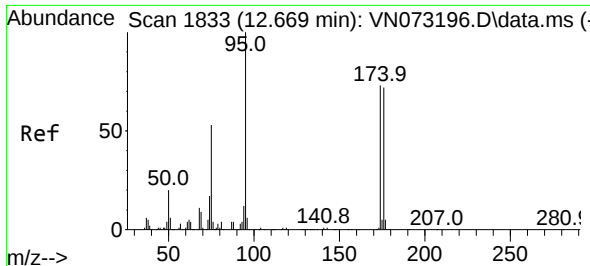
Tgt Ion: 43 Resp: 38271
Ion Ratio Lower Upper
43 100
58 27.4 29.7 89.1#



#61
1,2-Dibromoethane
Concen: 0.774 ug/l
RT: 11.557 min Scan# 1644
Delta R.T. 0.277 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 107 Resp: 2843
Ion Ratio Lower Upper
107 100
109 978.0 75.0 112.6#

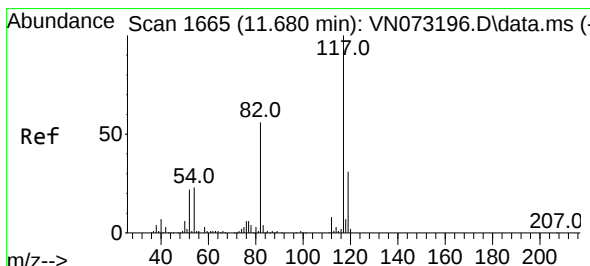
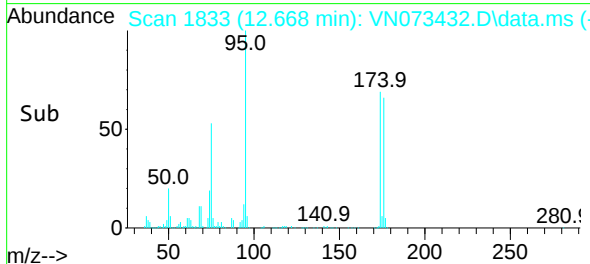
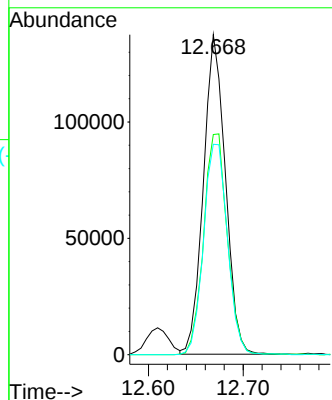
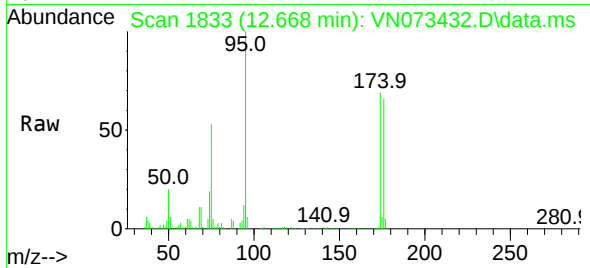




#62
4-Bromofluorobenzene
Concen: 53.257 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

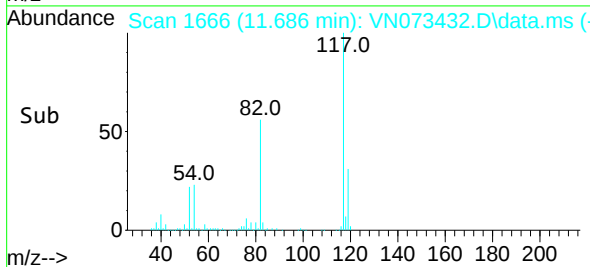
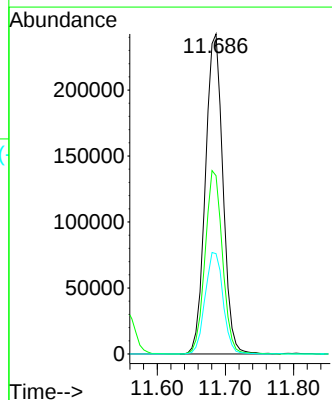
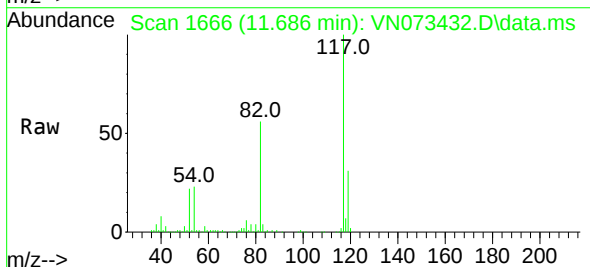
Instrument :
MSVOA_N
ClientSampleId :
31493DL

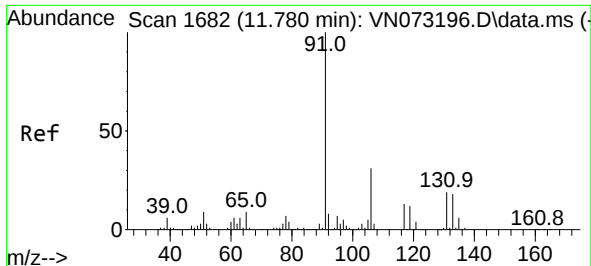
Tgt Ion: 95 Resp: 221239
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 117 Resp: 433046
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.4 25.4 38.0





#67

Ethyl Benzene

Concen: 6.817 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

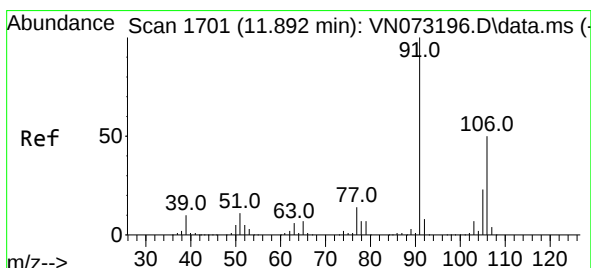
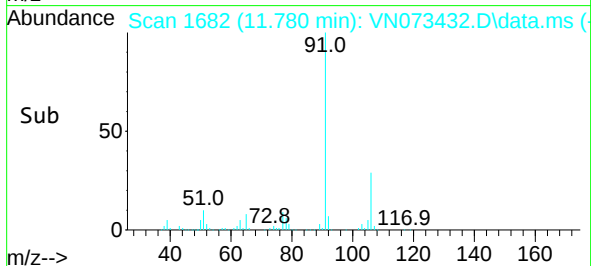
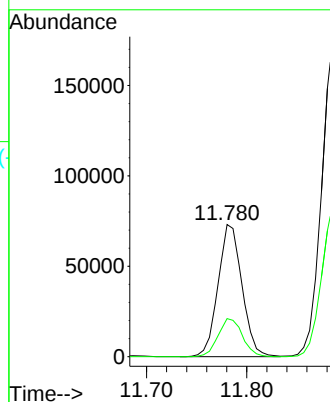
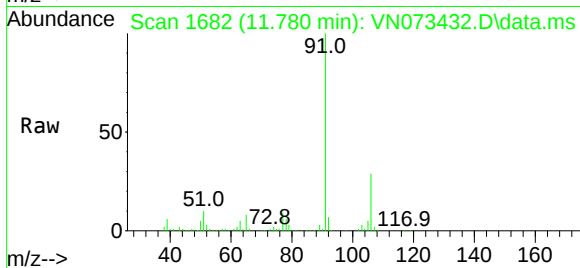
31493DL

Tgt Ion: 91 Resp: 121209

Ion Ratio Lower Upper

91 100

106 28.8 24.9 37.3



#68

m/p-Xylenes

Concen: 23.978 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073432.D

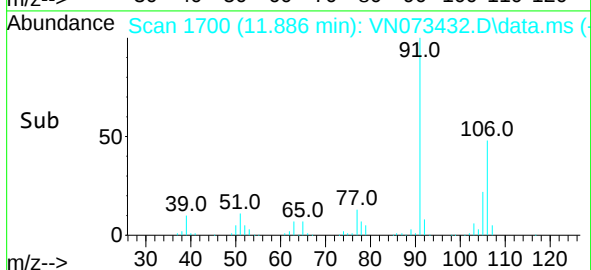
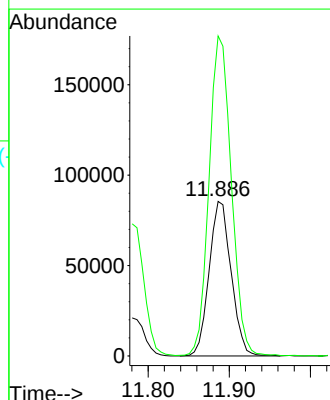
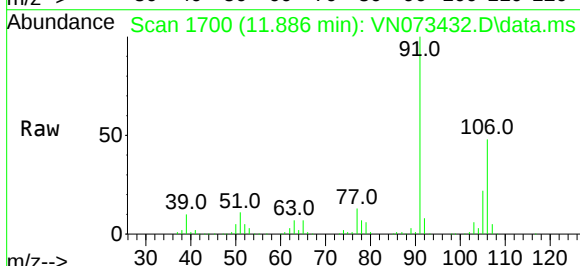
Acq: 12 Jul 2022 13:19

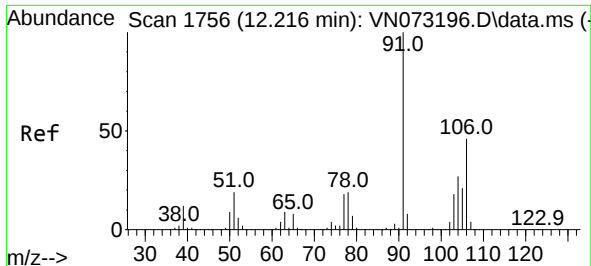
Tgt Ion:106 Resp: 160901

Ion Ratio Lower Upper

106 100

91 209.5 158.9 238.3

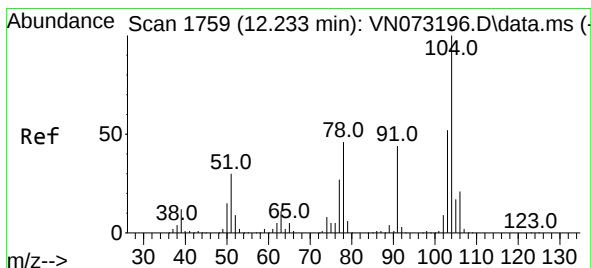
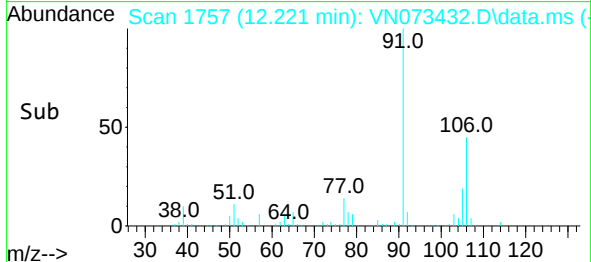
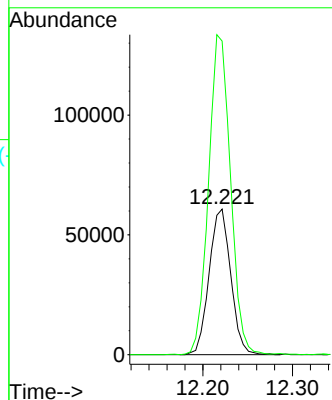
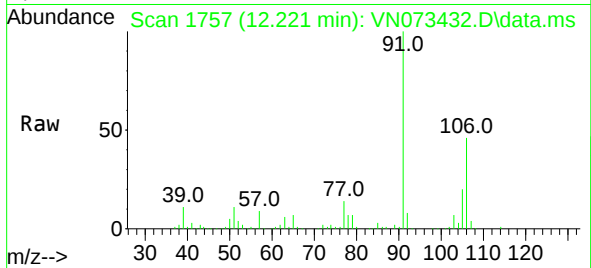




#69
o-Xylene
Concen: 14.855 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

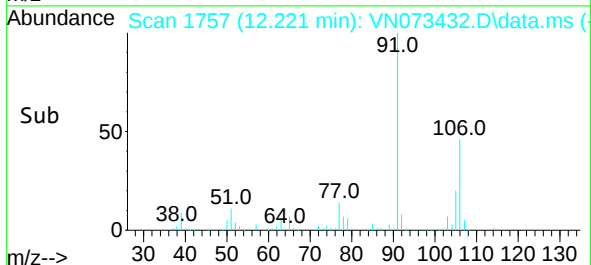
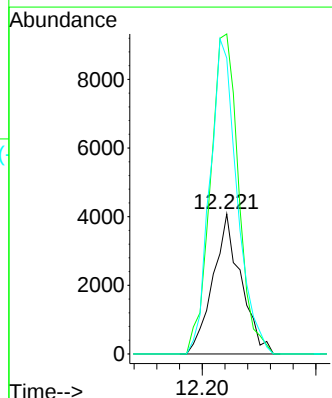
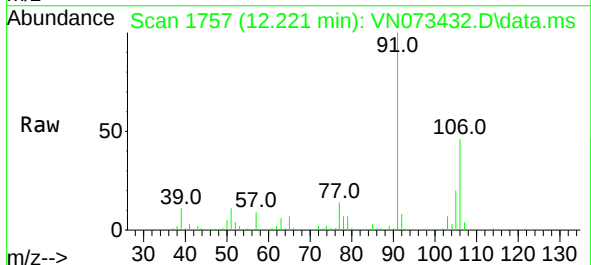
Instrument :
MSVOA_N
ClientSampleId :
31493DL

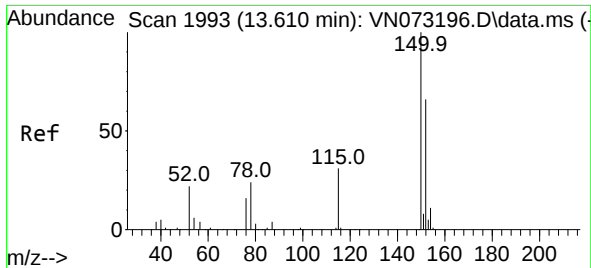
Tgt Ion:106 Resp: 101762
Ion Ratio Lower Upper
106 100
91 223.4 106.0 318.0



#70
Styrene
Concen: 0.661 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.012 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion:104 Resp: 6991
Ion Ratio Lower Upper
104 100
78 229.1 39.5 59.3#
103 217.8 44.0 66.0#

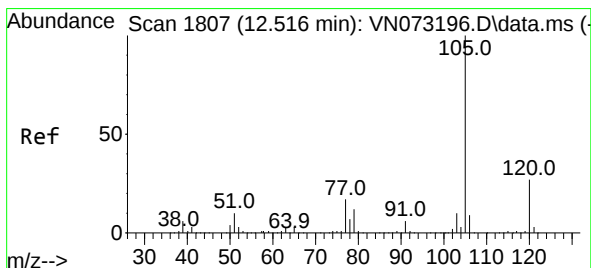
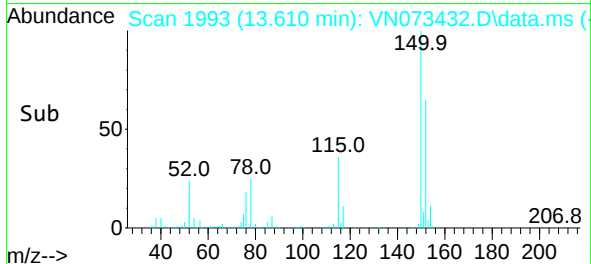
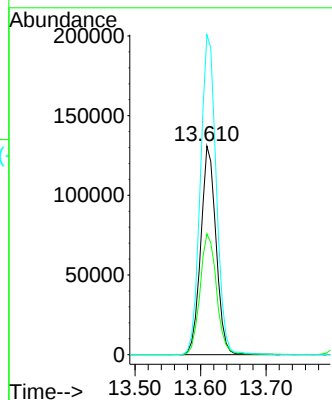
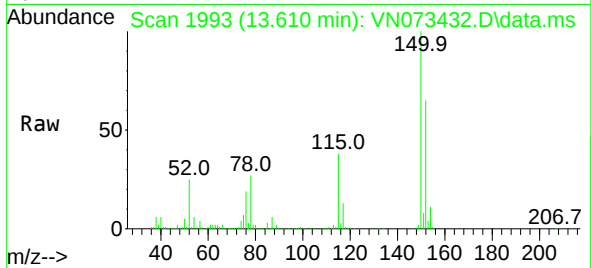




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

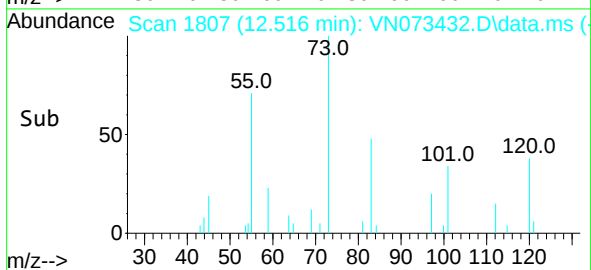
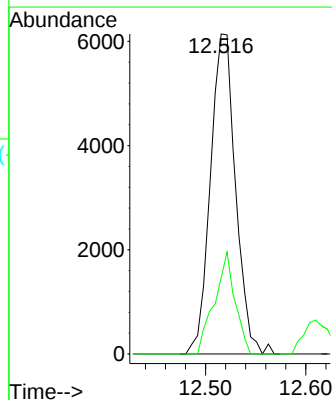
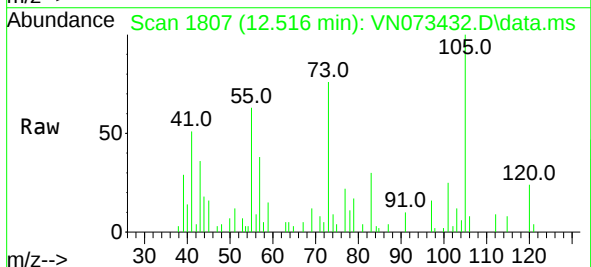
Instrument :
MSVOA_N
ClientSampleId :
31493DL

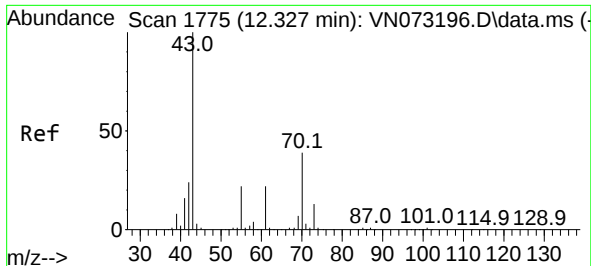
Tgt Ion:152 Resp: 212601
Ion Ratio Lower Upper
152 100
115 62.9 28.9 86.7
150 159.2 0.0 356.2



#73
Isopropylbenzene
Concen: 0.584 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion:105 Resp: 10713
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

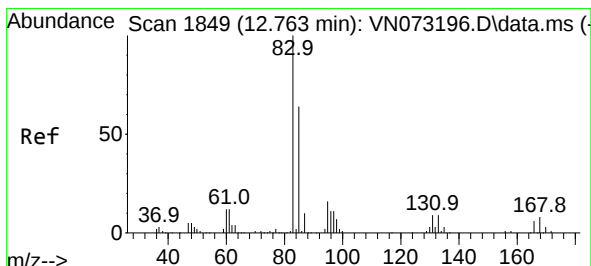
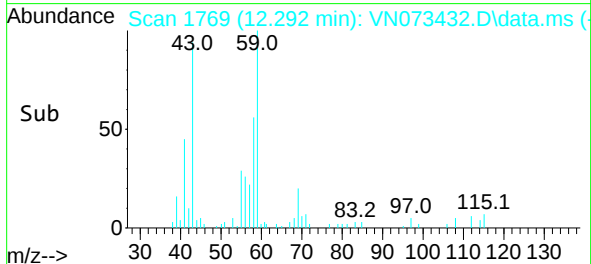
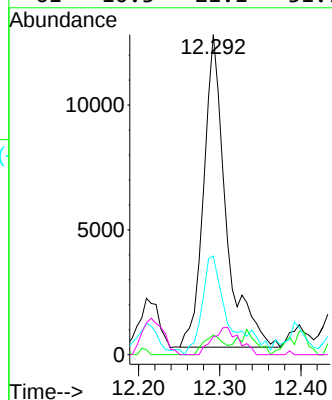
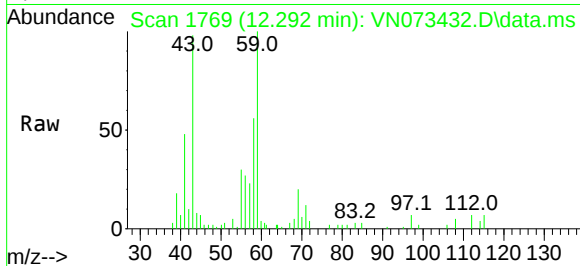




#74
N-amy1 acetate
Concen: 2.605 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

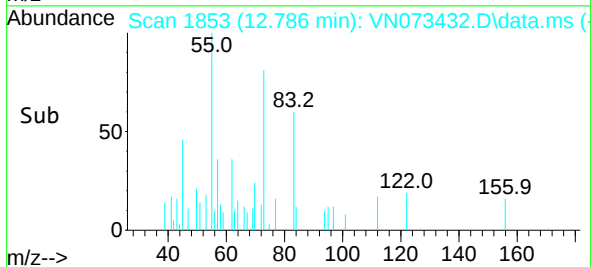
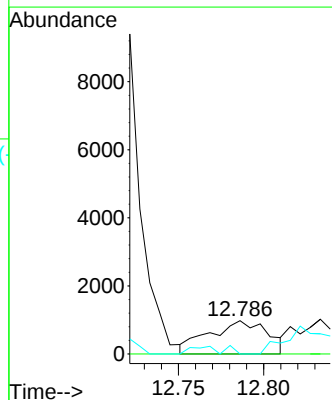
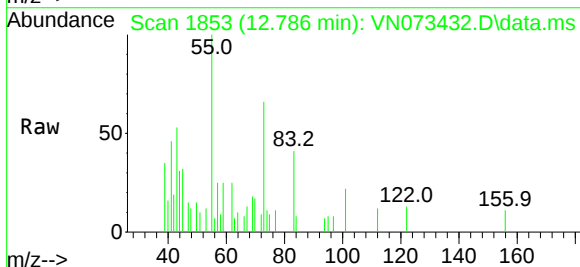
Instrument :
MSVOA_N
ClientSampleId :
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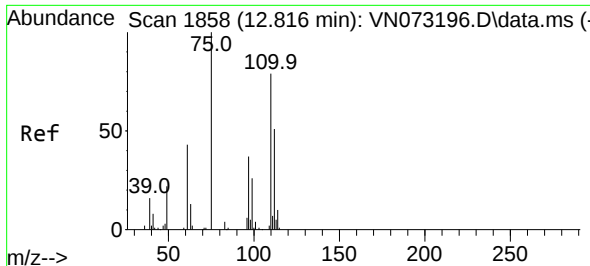
Tgt Ion: 43	Resp: 23951
Ion Ratio	Lower Upper
43 100	
70 5.5	39.0 58.4#
55 36.9	21.1 31.7#
61 10.3	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.383 ug/l
RT: 12.786 min Scan# 1853
Delta R.T. 0.023 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 83	Resp: 2334
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 15.9#
85 12.6	32.3 96.9#

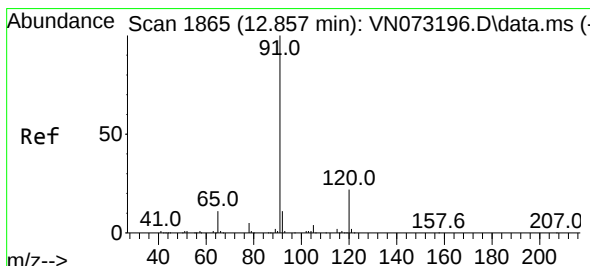
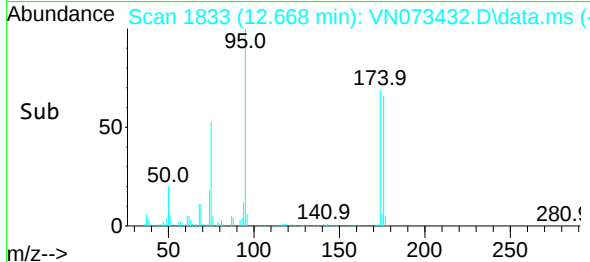
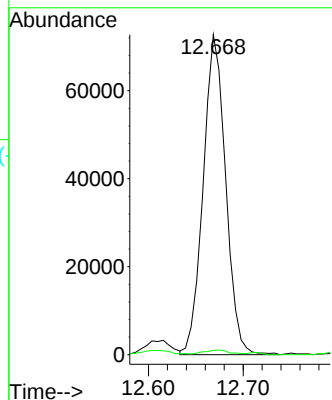
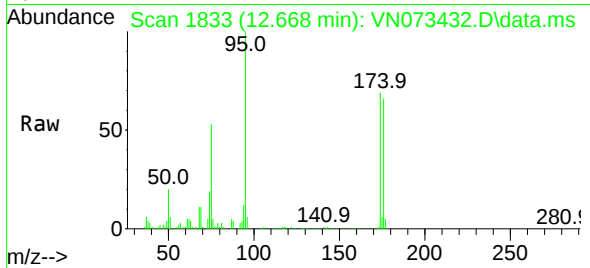




#76
1,2,3-Trichloropropane
Concen: 21.564 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

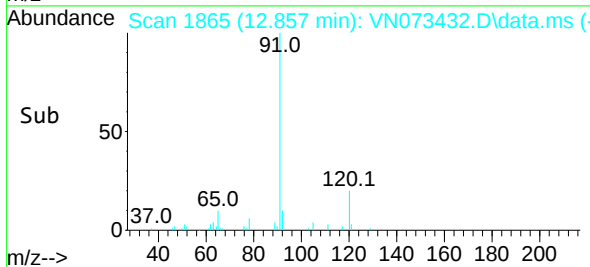
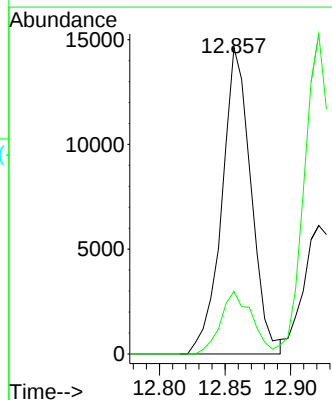
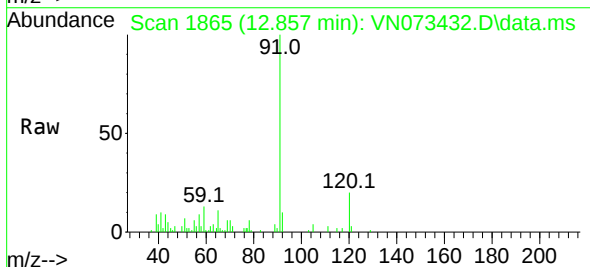
Instrument :
MSVOA_N
ClientSampleId :
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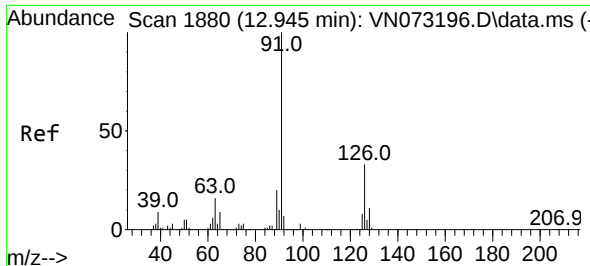
Tgt Ion: 75 Resp: 119876
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#



#78
n-propylbenzene
Concen: 1.108 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 91 Resp: 22588
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5

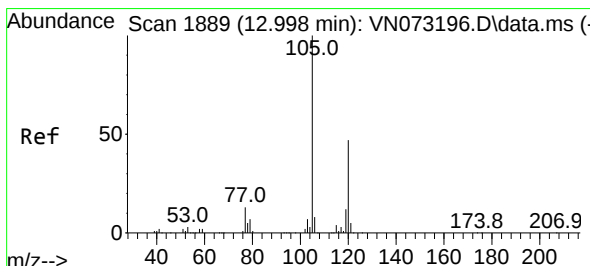
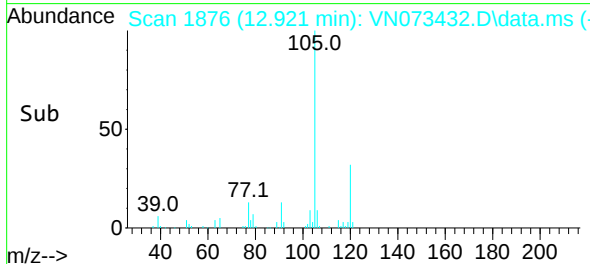
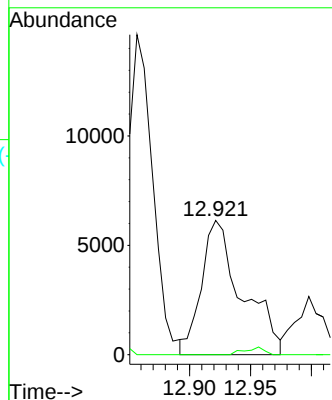
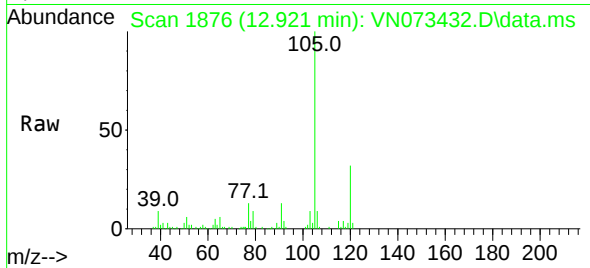




#79
2-Chlorotoluene
Concen: 1.107 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.024 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

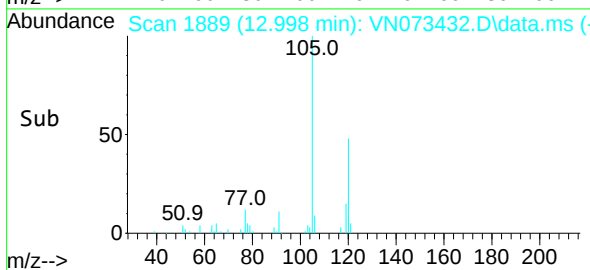
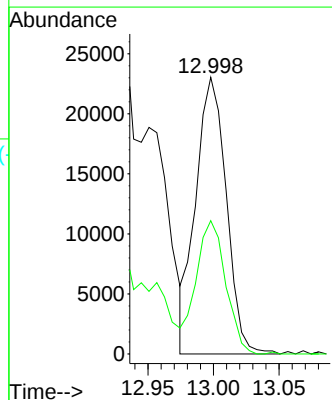
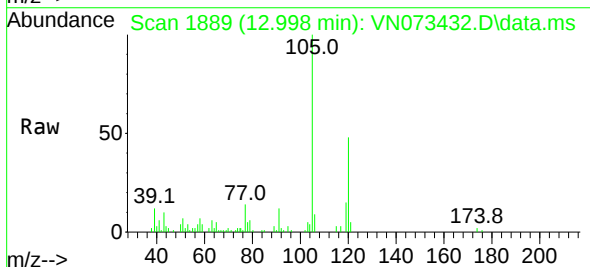
Instrument :
MSVOA_N
ClientSampleId :
31493DL

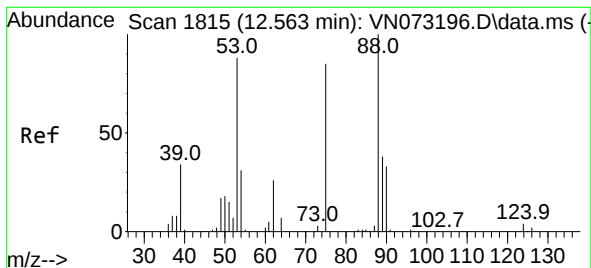
Tgt Ion: 91 Resp: 14294
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 2.500 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 105 Resp: 37412
Ion Ratio Lower Upper
105 100
120 46.7 24.9 74.7

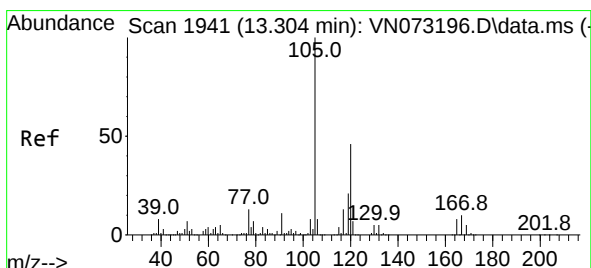
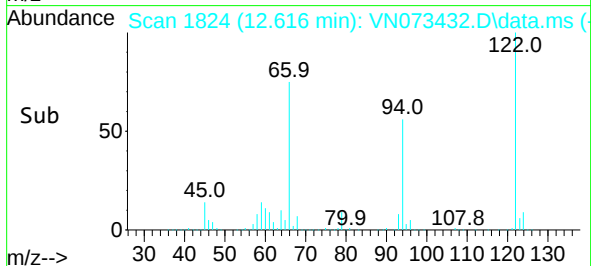
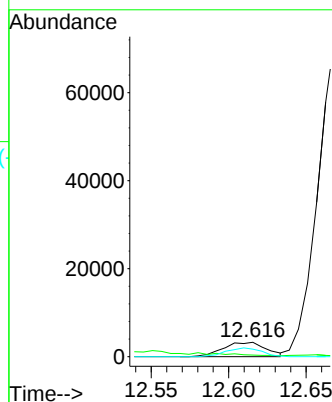
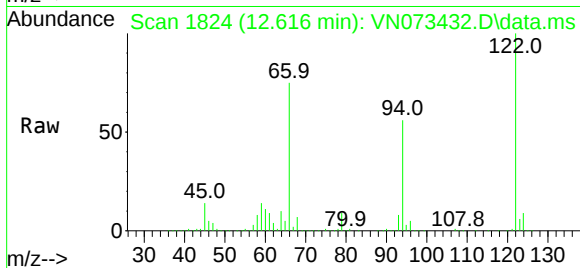




#81
trans-1,4-Dichloro-2-butene
Concen: 3.109 ug/l
RT: 12.616 min Scan# 1815
Delta R.T. 0.053 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

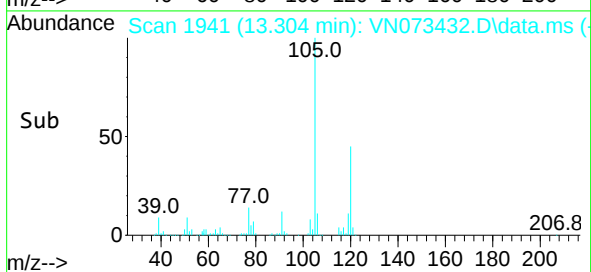
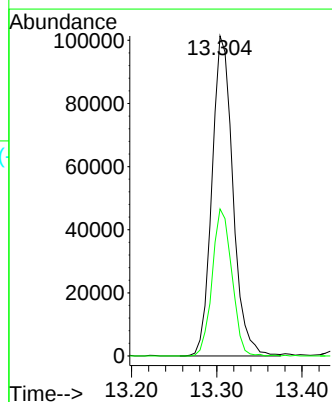
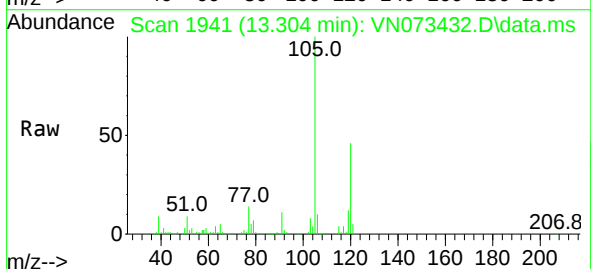
Instrument :
MSVOA_N
ClientSampleId :
31493DL

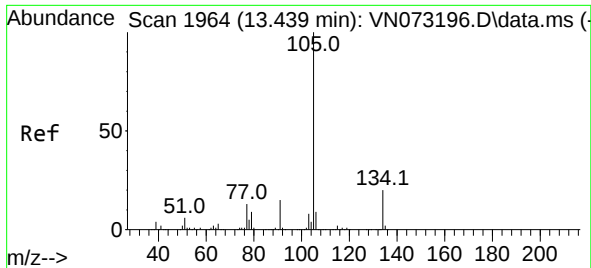
Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 50.3 37.2 55.8



#84
1,2,4-Trimethylbenzene
Concen: 11.624 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073432.D
Acq: 12 Jul 2022 13:19

Tgt Ion: 105 Resp: 173669
Ion Ratio Lower Upper
105 100
120 43.0 23.3 69.8

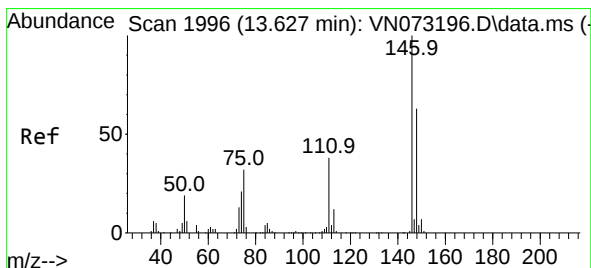
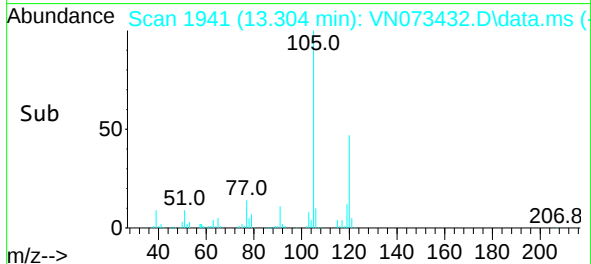
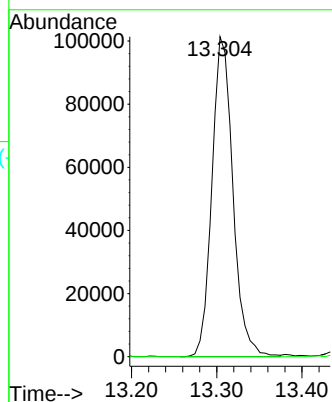
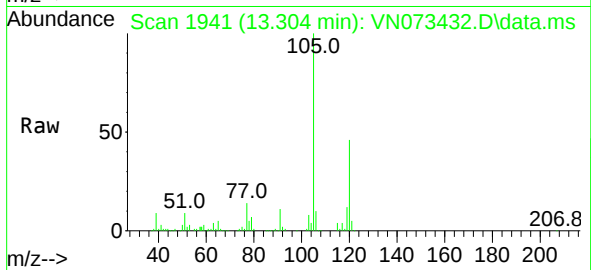




#85
 sec-Butylbenzene
 Concen: 9.641 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.135 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

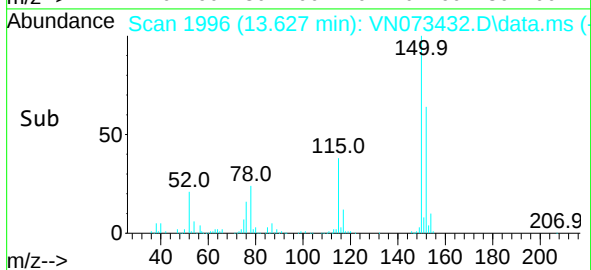
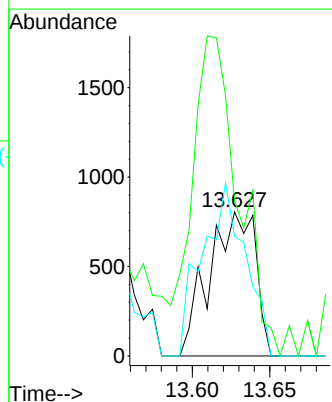
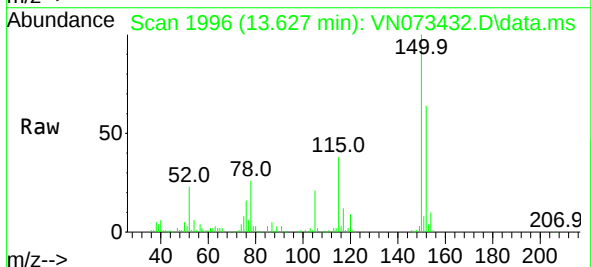
Instrument :
 MSVOA_N
 ClientSampleId :
 31493DL

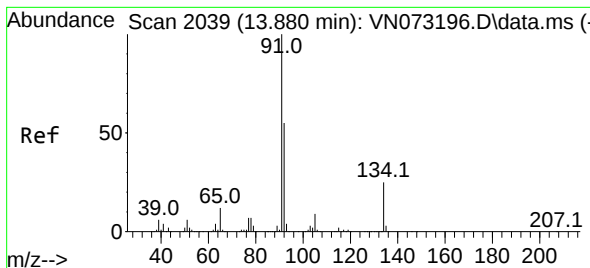
Tgt Ion:105 Resp: 173669
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#88
 1,4-Dichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

Tgt Ion:146 Resp: 1674
 Ion Ratio Lower Upper
 146 100
 111 220.3 19.1 57.1#
 148 111.2 31.4 94.3#





#89

n-Butylbenzene

Concen: 0.297 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

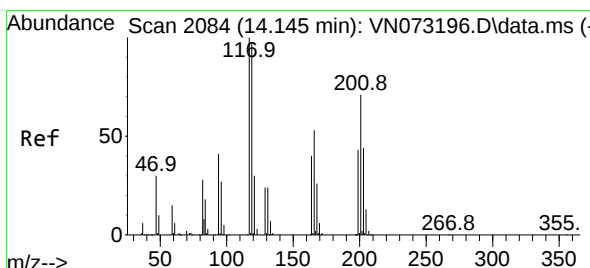
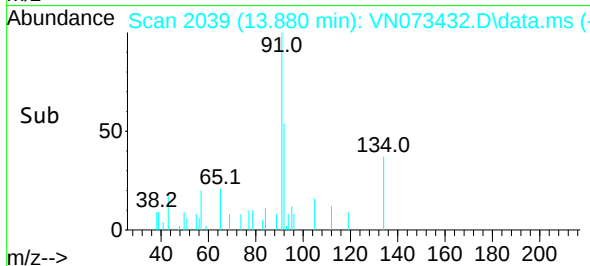
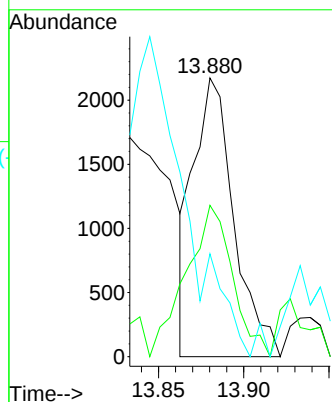
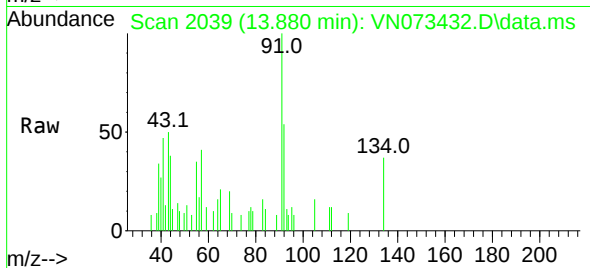
Instrument :

MSVOA_N

ClientSampleId :

31493DL

Tgt Ion:	91	Resp:	3598
Ion	Ratio	Lower	Upper
91	100		
92	62.1	26.9	80.7
134	0.0	13.6	40.8



#90

Hexachloroethane

Concen: 0.537 ug/l

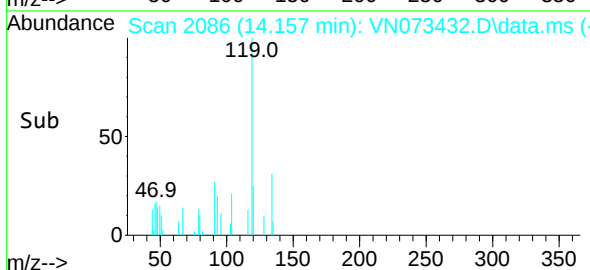
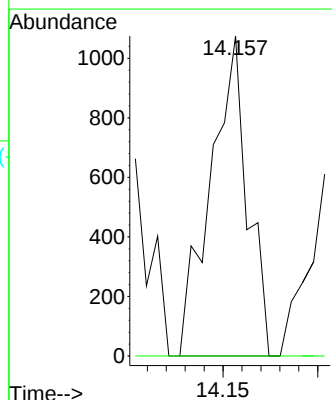
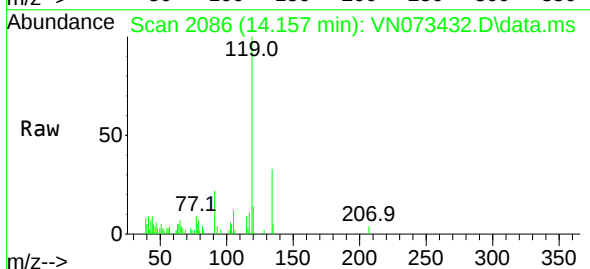
RT: 14.157 min Scan# 2086

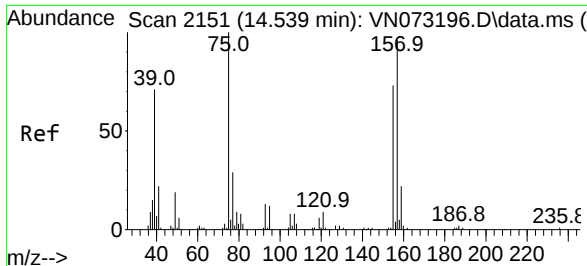
Delta R.T. 0.012 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Tgt Ion:	117	Resp:	1456
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.6	122.0

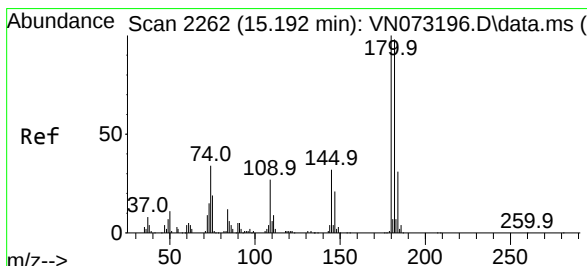
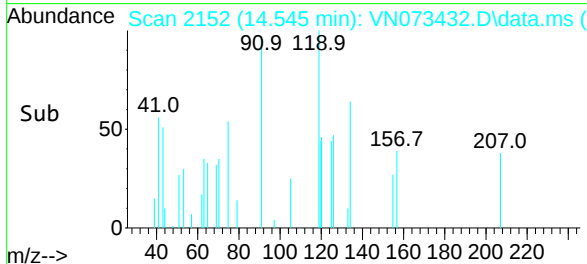
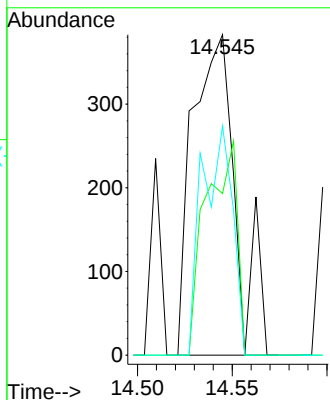
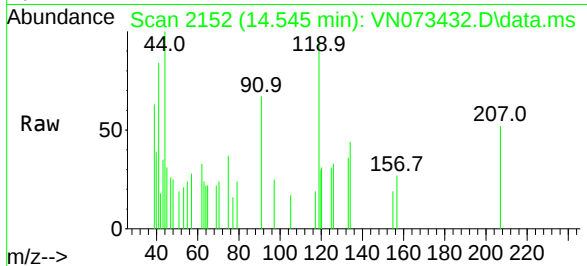




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.413 ug/l
 RT: 14.545 min Scan# 2151
 Delta R.T. 0.006 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

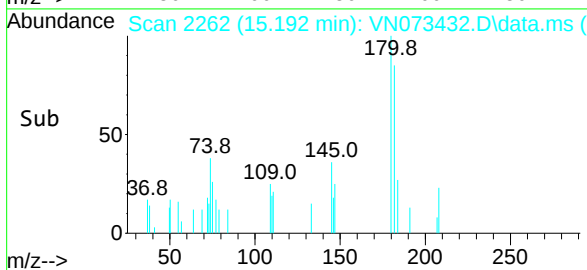
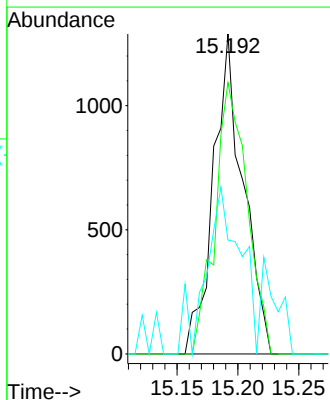
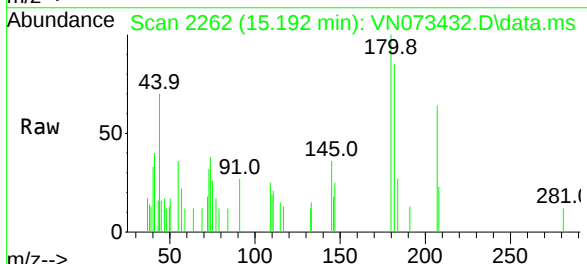
Instrument :
 MSVOA_N
 ClientSampleId :
 31493DL

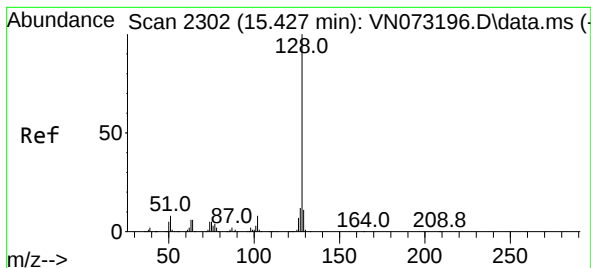
Tgt Ion: 75 Resp: 612
 Ion Ratio Lower Upper
 75 100
 155 47.7 44.9 134.5
 157 49.8 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.540 ug/l
 RT: 15.192 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: VN073432.D
 Acq: 12 Jul 2022 13:19

Tgt Ion: 180 Resp: 2195
 Ion Ratio Lower Upper
 180 100
 182 91.2 47.5 142.5
 145 60.2 14.5 43.5#





#95

Naphthalene

Concen: 8.529 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

31493DL

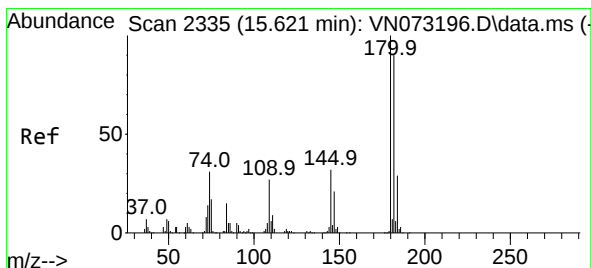
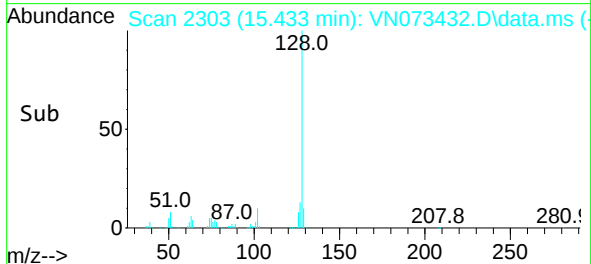
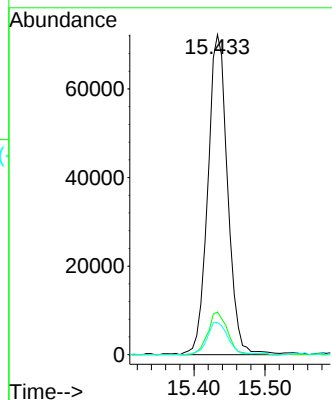
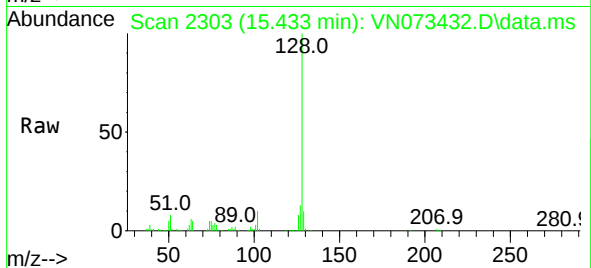
Tgt Ion:128 Resp: 139744

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.645 ug/l

RT: 15.633 min Scan# 2337

Delta R.T. 0.012 min

Lab File: VN073432.D

Acq: 12 Jul 2022 13:19

Tgt Ion:180 Resp: 2702

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.3

145 69.4 15.5 46.5#

