

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073212.D
 Acq On : 28 Jun 2022 21:26
 Operator : JC\MD
 Sample : N3494-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-4RE

Quant Time: Jun 29 02:04:04 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)

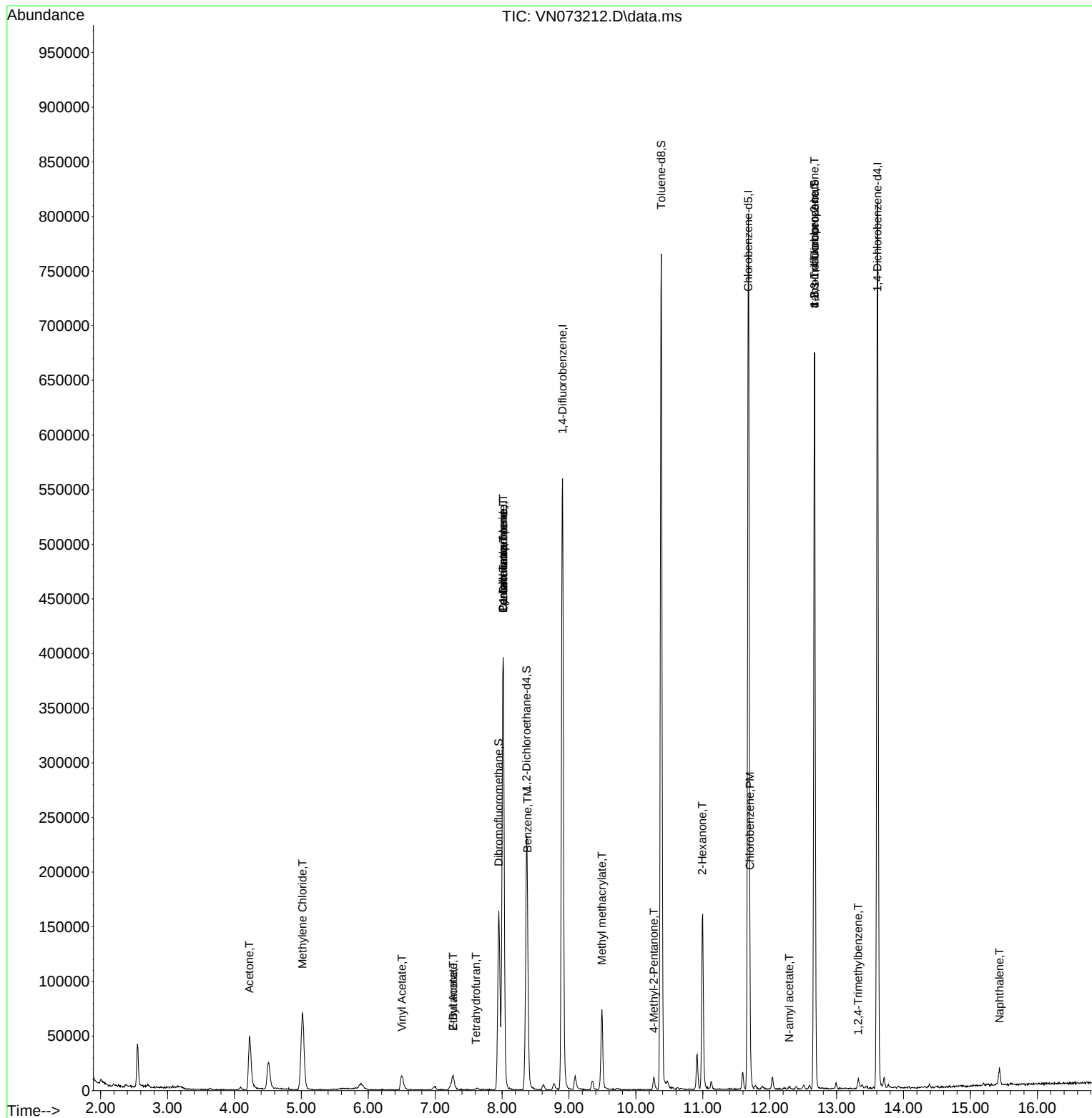
Internal Standards						
1) Pentafluorobenzene	8.016	168	307408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	501532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	455304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	214178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189183	42.630	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.260%		
35) Dibromofluoromethane	7.951	113	120922	36.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	72.480%#		
50) Toluene-d8	10.380	98	522110	44.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.120%		
62) 4-Bromofluorobenzene	12.668	95	225875	49.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.200%		
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	92976	37.325	ug/l	97
20) Methylene Chloride	5.016	84	56156	12.828	ug/l	88
23) Vinyl Acetate	6.504	43	3012	0.236	ug/l #	68
25) 2-Butanone	7.269	43	21409	5.398	ug/l #	81
29) Tetrahydrofuran	7.610	42	788	0.290	ug/l #	73
31) Cyclohexane	8.016	56	7154	0.984	ug/l #	22
36) 1,1-Dichloropropene	8.016	75	25739	5.013	ug/l #	48
37) Ethyl Acetate	7.269	43	21409	2.760	ug/l #	67
38) Carbon Tetrachloride	8.016	117	31496	5.932	ug/l #	14
40) Benzene	8.381	78	5213	0.329	ug/l #	89
48) Methyl methacrylate	9.492	41	6805	1.318	ug/l #	40
51) 4-Methyl-2-Pentanone	10.269	43	8840	1.250	ug/l #	84
59) 2-Hexanone	10.992	43	138250	25.652	ug/l #	21
65) Chlorobenzene	11.704	112	11166	1.084	ug/l #	88
74) N-amyl acetate	12.292	43	2431	0.262	ug/l #	39
76) 1,2,3-Trichloropropane	12.668	75	119422	21.324	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	119422	58.481	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.321	105	3589	0.238	ug/l #	37
95) Naphthalene	15.433	128	14972	0.907	ug/l	97

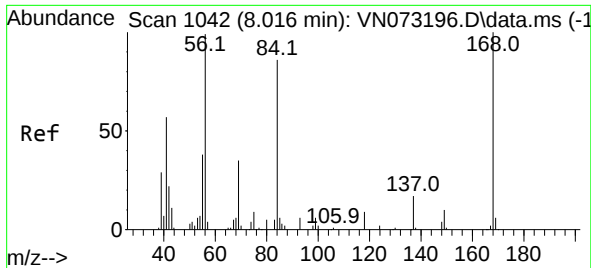
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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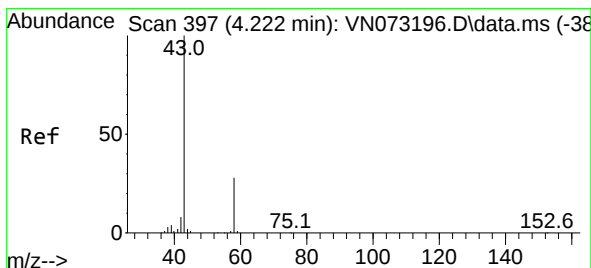
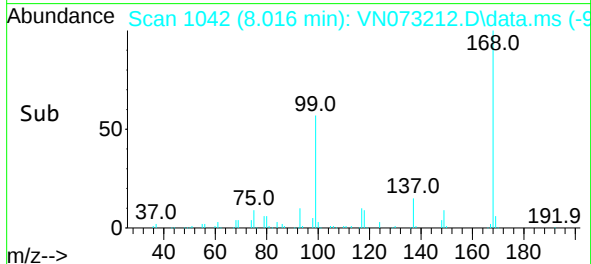
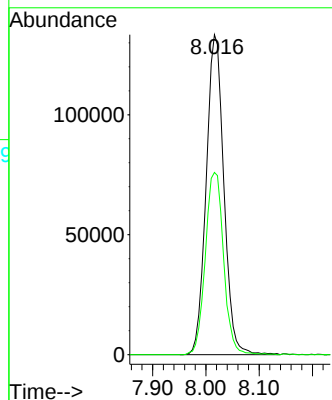
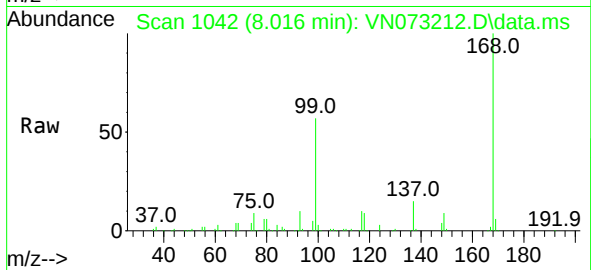




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

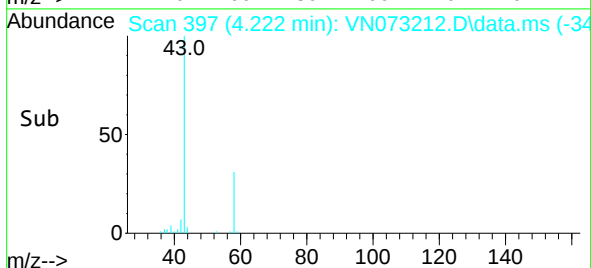
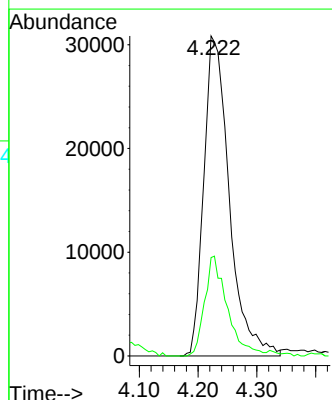
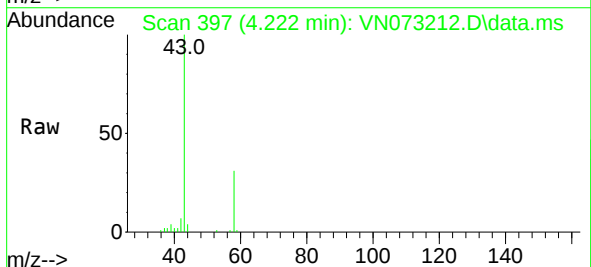
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

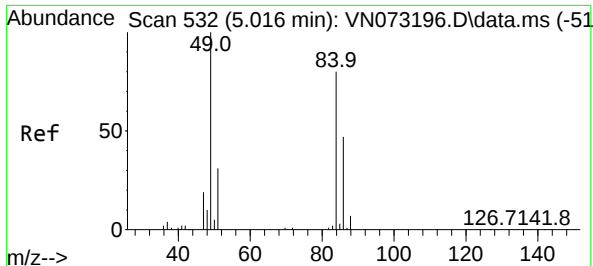
Tgt Ion:168 Resp: 307408
Ion Ratio Lower Upper
168 100
99 57.0 42.3 63.5



#16
Acetone
Concen: 37.325 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

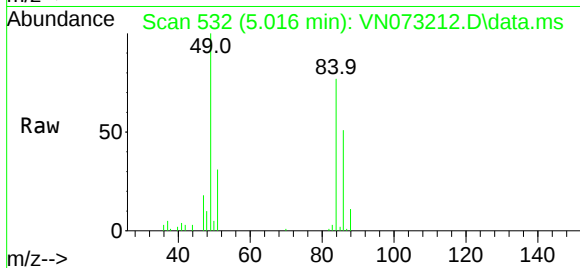
Tgt Ion: 43 Resp: 92976
Ion Ratio Lower Upper
43 100
58 30.8 26.0 39.0



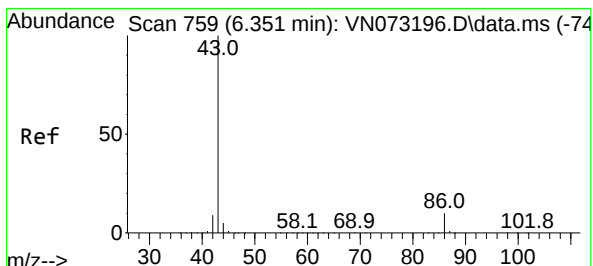
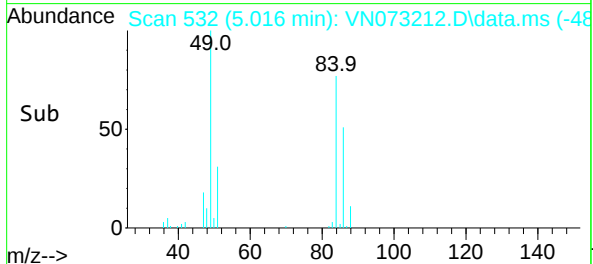
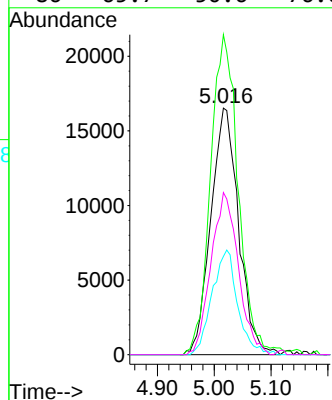


#20
Methylene Chloride
Concen: 12.828 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

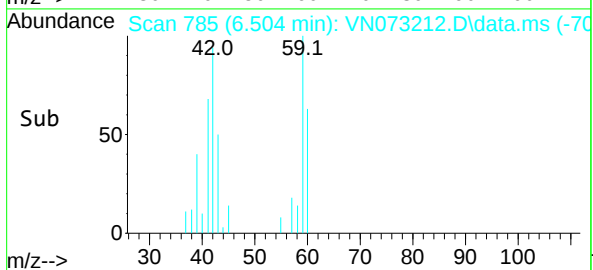
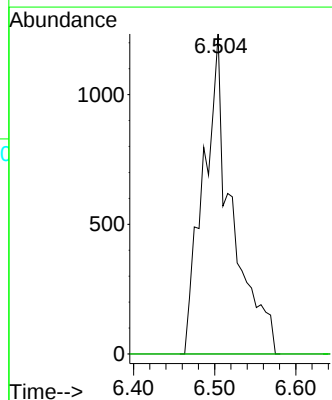
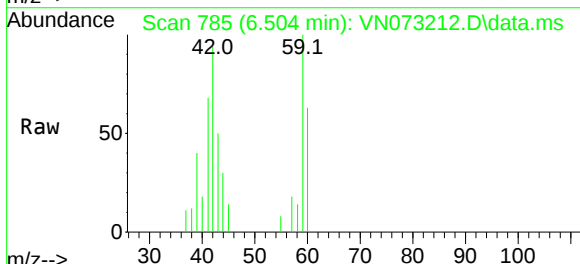


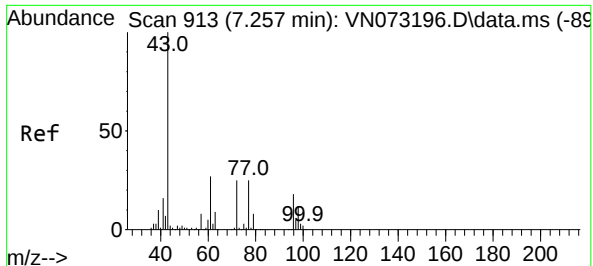
Tgt Ion:	84	Resp:	56156
Ion	Ratio	Lower	Upper
84	100		
49	129.8	88.3	132.5
51	39.8	28.2	42.2
86	65.7	50.6	76.0



#23
Vinyl Acetate
Concen: 0.236 ug/l
RT: 6.504 min Scan# 785
Delta R.T. 0.153 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion:	43	Resp:	3012
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#

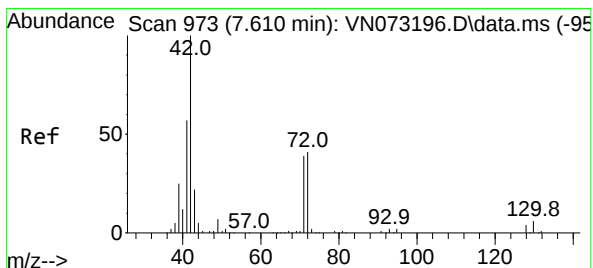
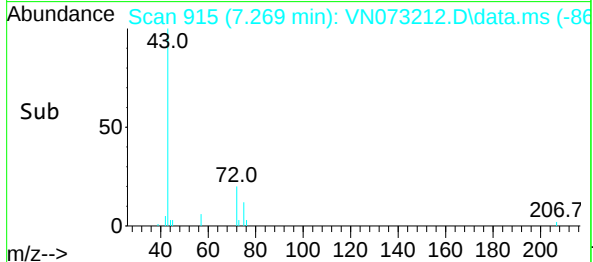
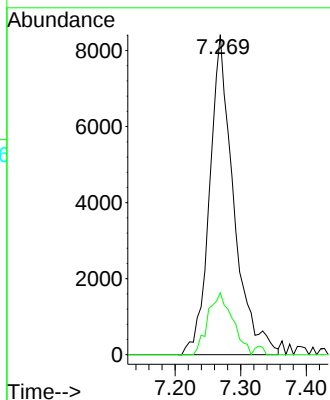
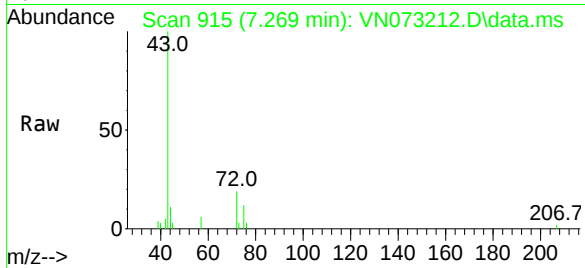




#25
2-Butanone
Concen: 5.398 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

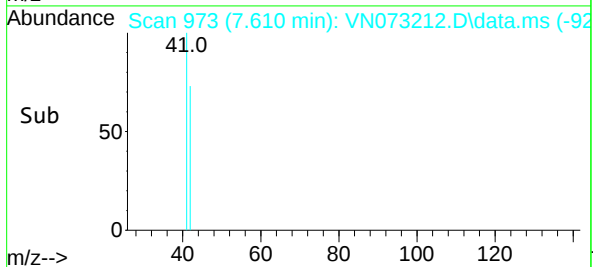
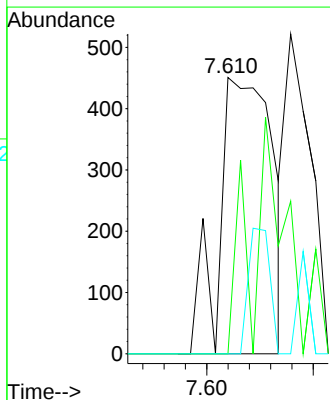
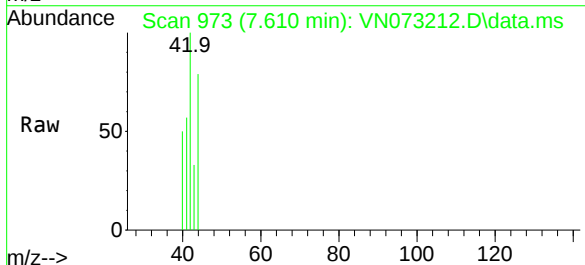
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

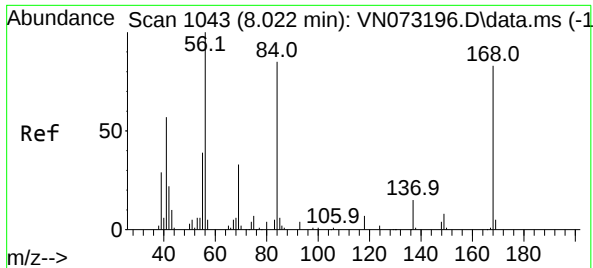
Tgt Ion: 43 Resp: 21409
Ion Ratio Lower Upper
43 100
72 19.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.290 ug/l
RT: 7.610 min Scan# 973
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

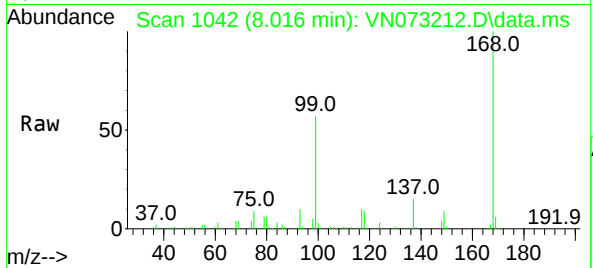
Tgt Ion: 42 Resp: 788
Ion Ratio Lower Upper
42 100
72 58.1 39.7 59.5
71 18.1 36.6 55.0#



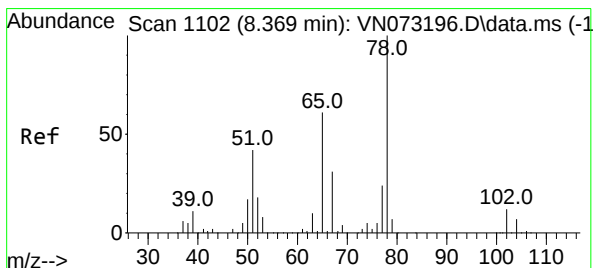
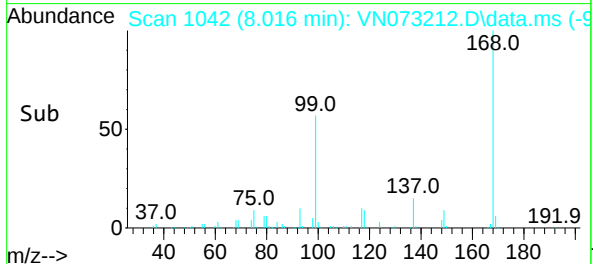
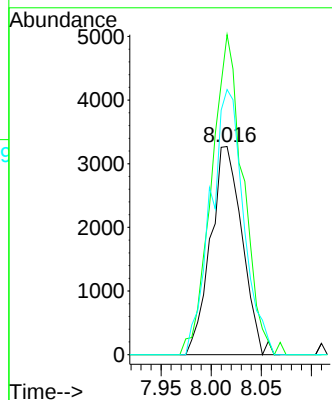


#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

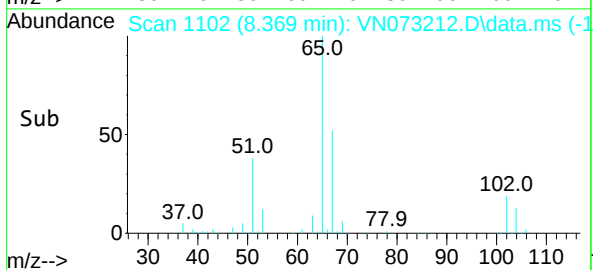
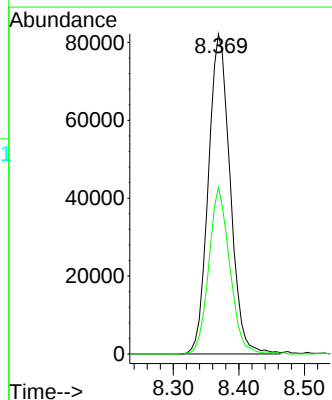
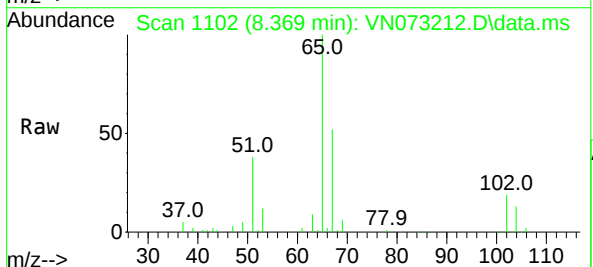


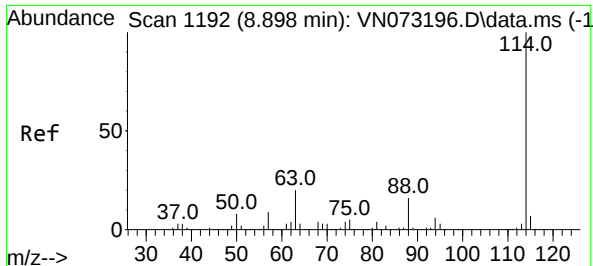
Tgt Ion: 56 Resp: 7154
Ion Ratio Lower Upper
56 100
69 153.8 27.8 41.8#
84 127.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.630 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 65 Resp: 189183
Ion Ratio Lower Upper
65 100
67 50.3 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: VN073212.D

Acq: 28 Jun 2022 21:26

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-4RE

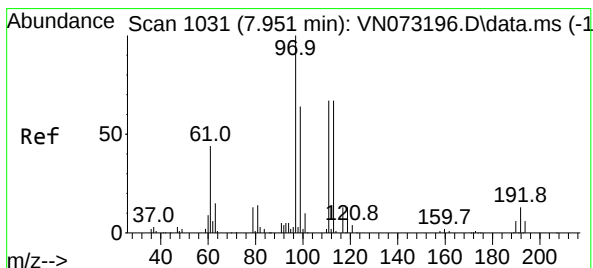
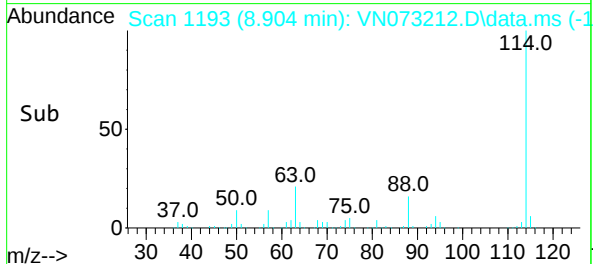
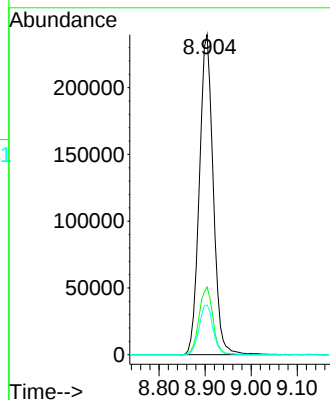
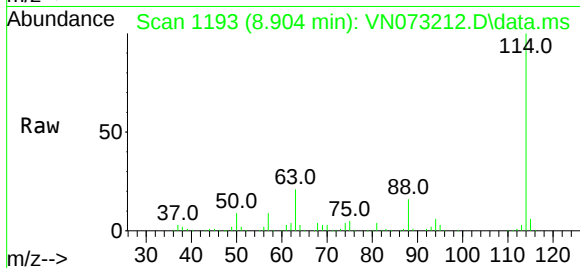
Tgt Ion:114 Resp: 501532

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 36.239 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073212.D

Acq: 28 Jun 2022 21:26

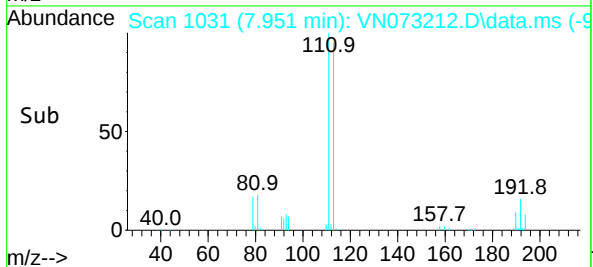
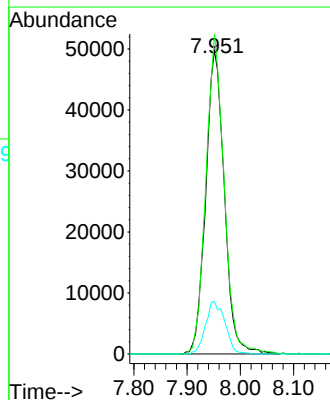
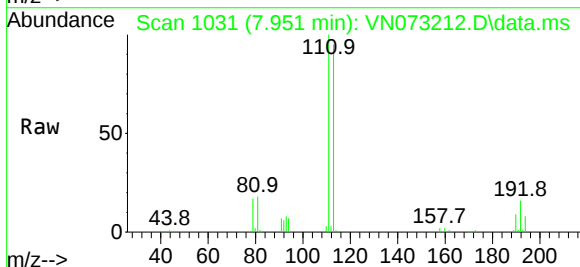
Tgt Ion:113 Resp: 120922

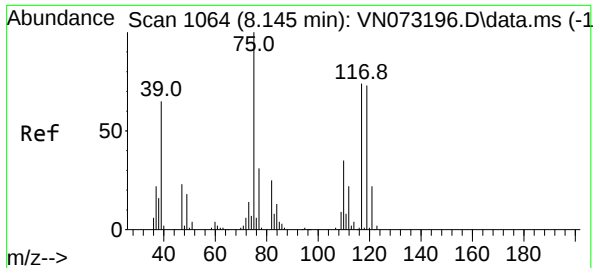
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.013 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073212.D

Acq: 28 Jun 2022 21:26

Instrument :

MSVOA_N

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SP-EXC-1-4RE

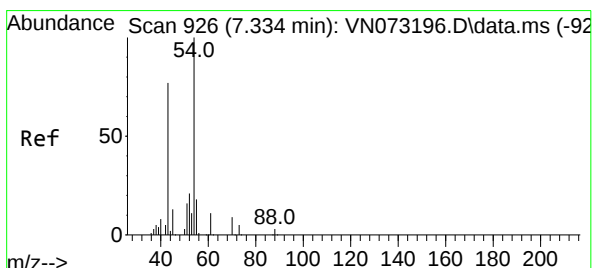
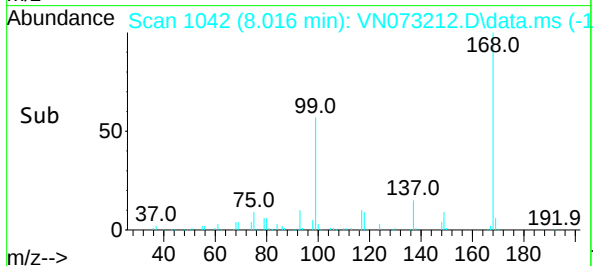
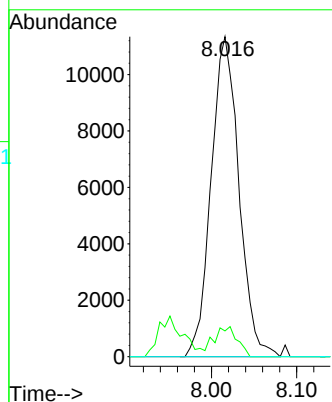
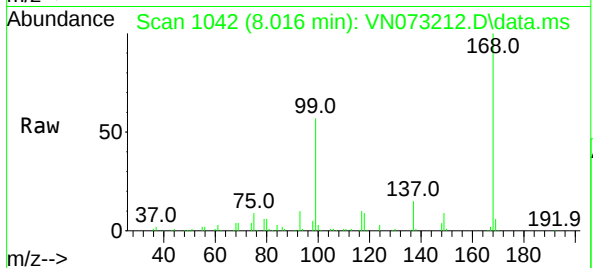
Tgt Ion: 75 Resp: 25739

Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.760 ug/l

RT: 7.269 min Scan# 915

Delta R.T. -0.065 min

Lab File: VN073212.D

Acq: 28 Jun 2022 21:26

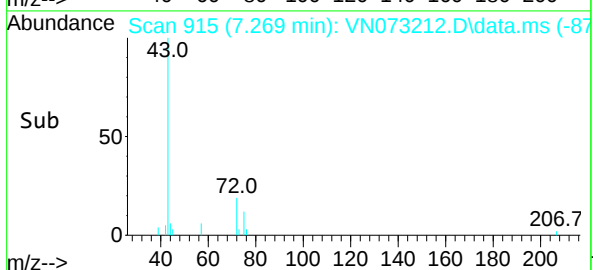
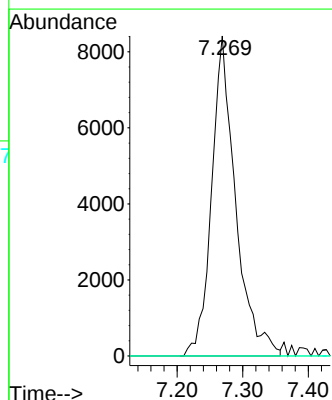
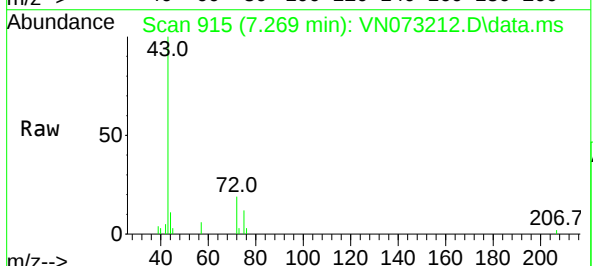
Tgt Ion: 43 Resp: 21409

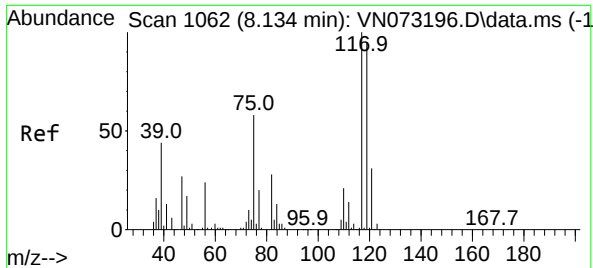
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

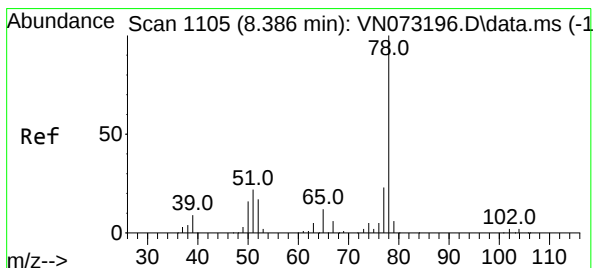
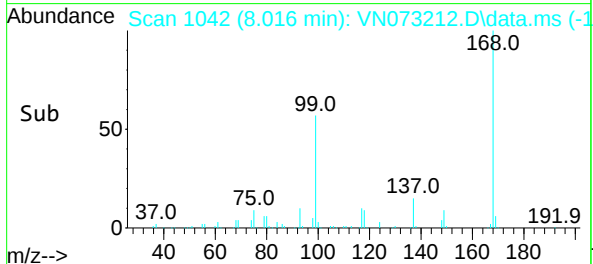
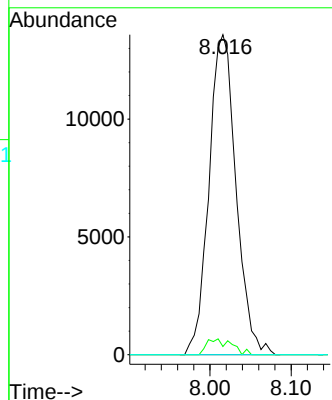
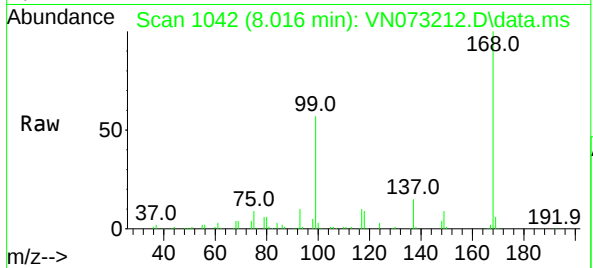




#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 8.016 min Scan# 1104
Delta R.T. -0.118 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

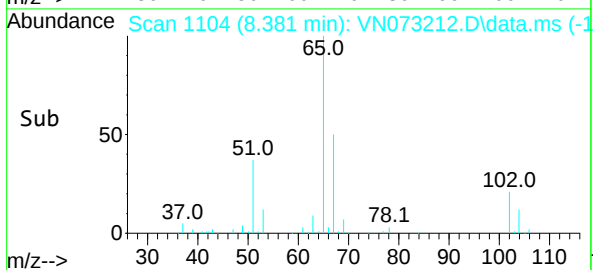
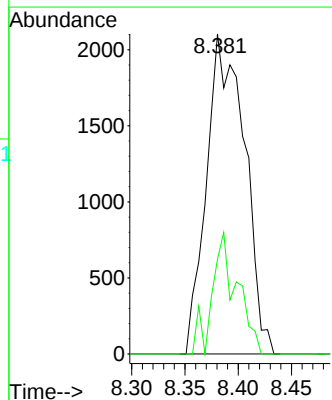
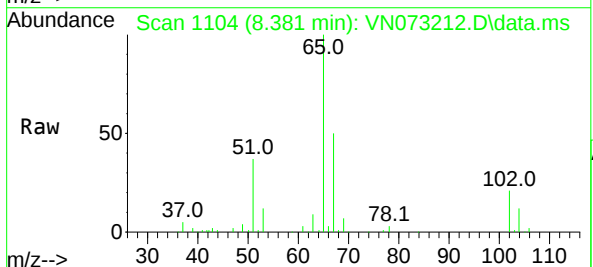
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

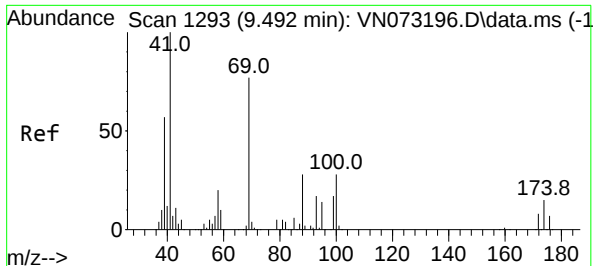
Tgt Ion:117 Resp: 31496
Ion Ratio Lower Upper
117 100
119 2.6 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.329 ug/l
RT: 8.381 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 78 Resp: 5213
Ion Ratio Lower Upper
78 100
77 29.6 19.4 29.0#





#48

Methyl methacrylate

Concen: 1.318 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN073212.D

Acq: 28 Jun 2022 21:26

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-4RE

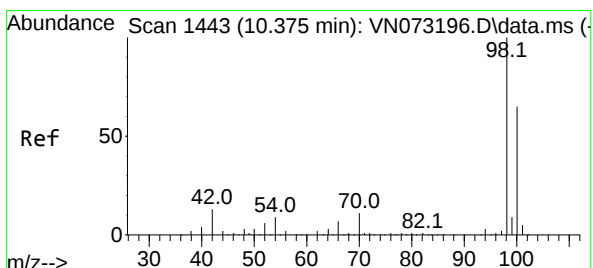
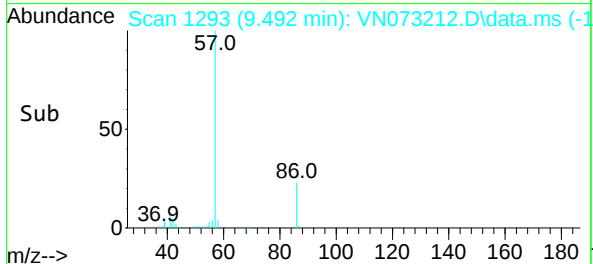
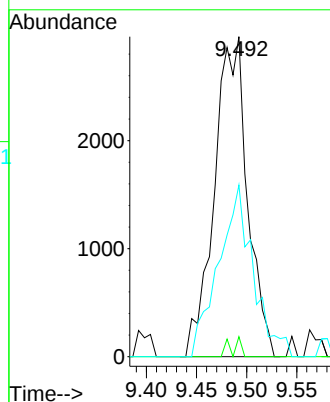
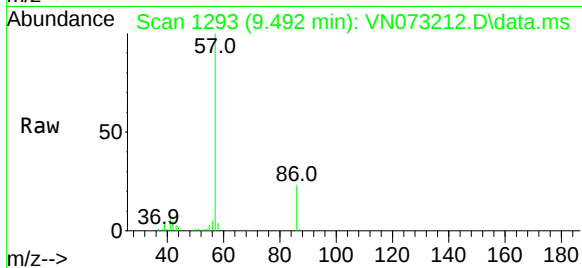
Tgt Ion: 41 Resp: 6805

Ion Ratio Lower Upper

41 100

69 0.9 74.7 112.1#

39 56.0 45.6 68.4



#50

Toluene-d8

Concen: 44.056 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073212.D

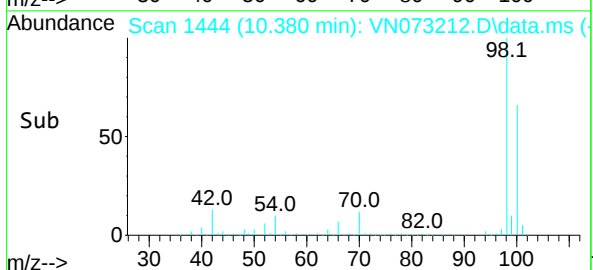
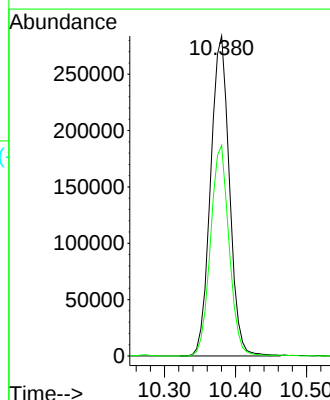
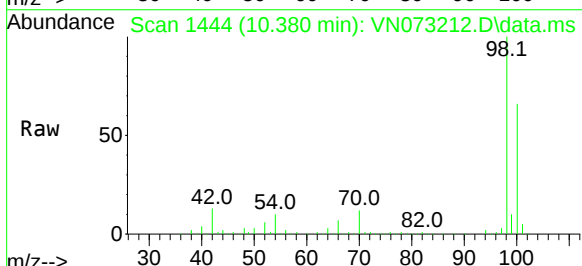
Acq: 28 Jun 2022 21:26

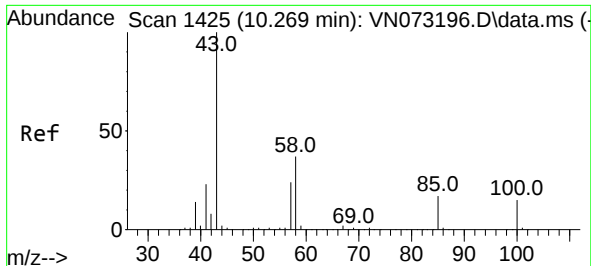
Tgt Ion: 98 Resp: 522110

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

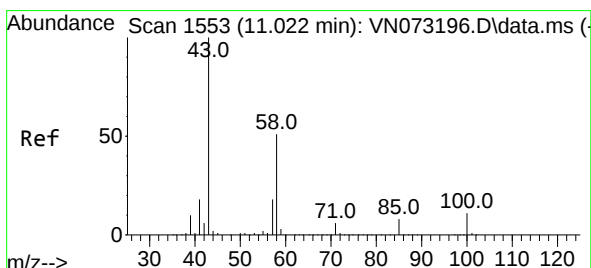
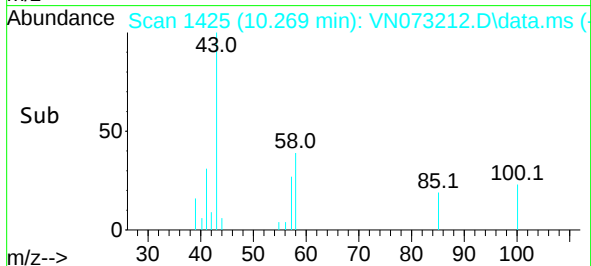
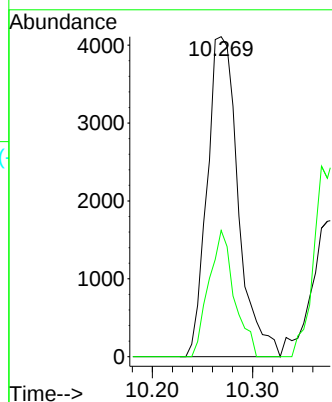
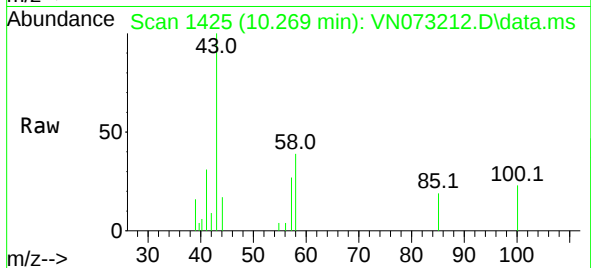




#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

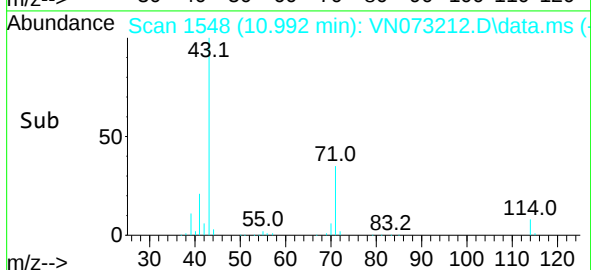
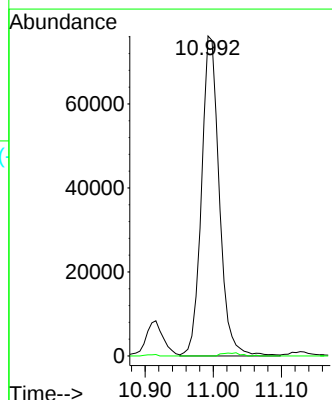
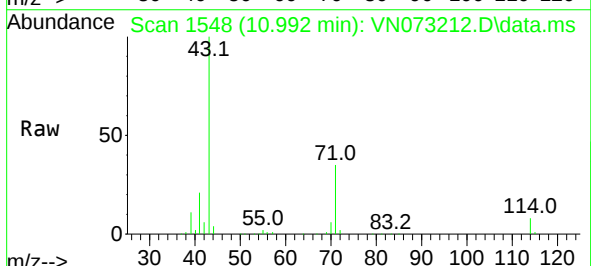
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

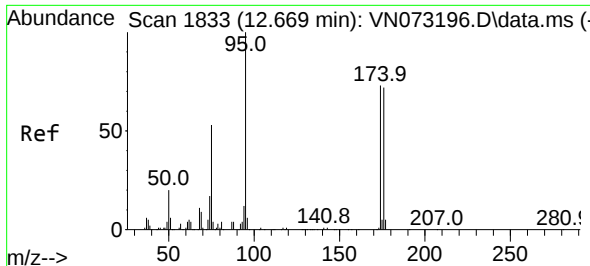
Tgt Ion: 43 Resp: 8840
Ion Ratio Lower Upper
43 100
58 32.5 34.1 51.1#



#59
2-Hexanone
Concen: 25.652 ug/l
RT: 10.992 min Scan# 1548
Delta R.T. -0.030 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 43 Resp: 138250
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

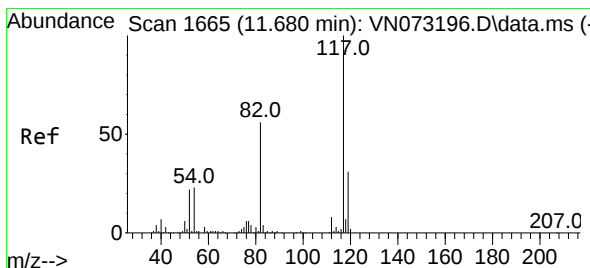
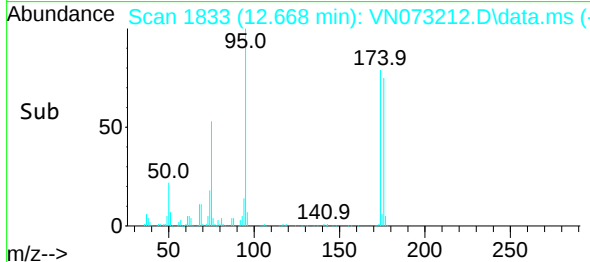
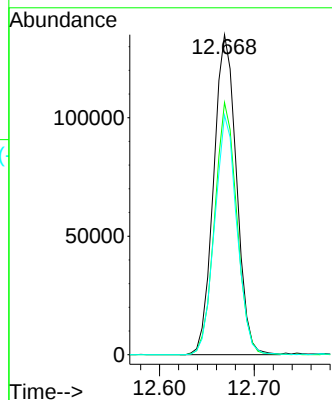
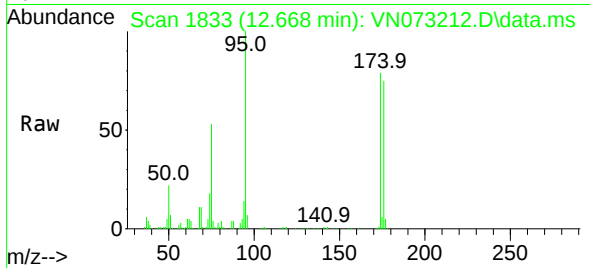




#62
4-Bromofluorobenzene
Concen: 49.596 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

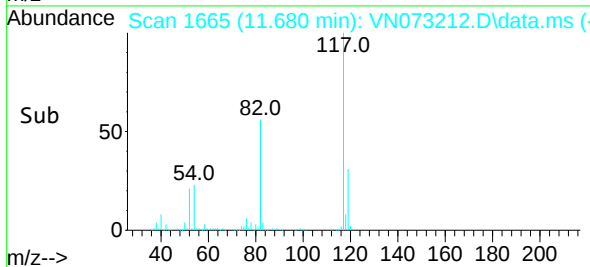
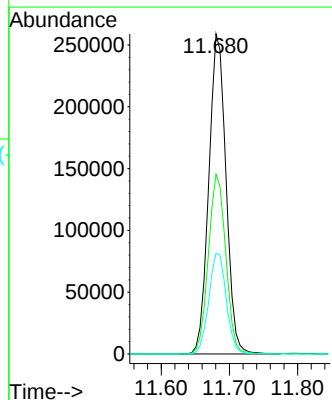
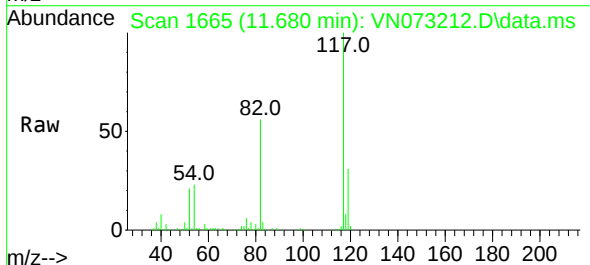
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

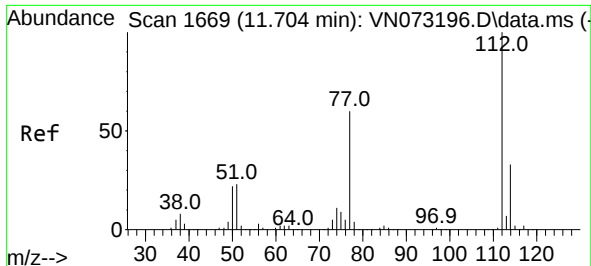
Tgt Ion: 95 Resp: 225875
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 73.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 117 Resp: 455304
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 31.5 25.4 38.0

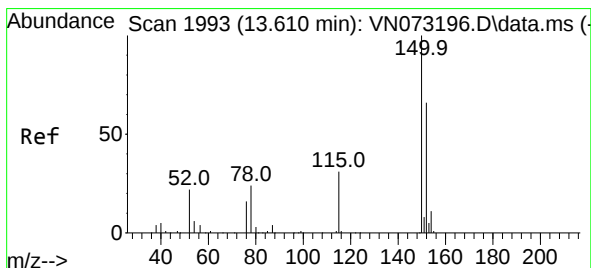
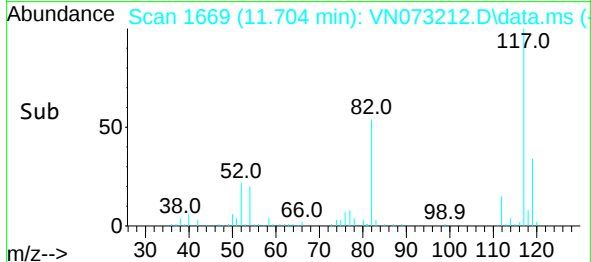
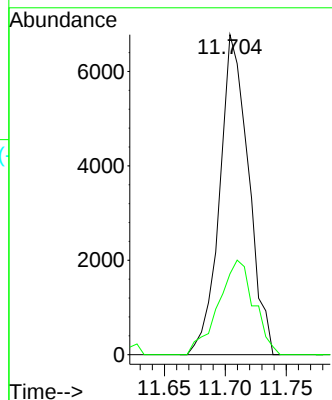
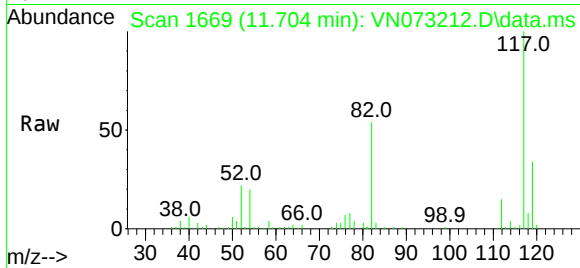




#65
Chlorobenzene
Concen: 1.084 ug/l
RT: 11.704 min Scan# 11166
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

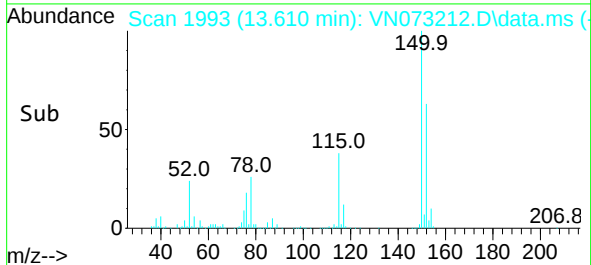
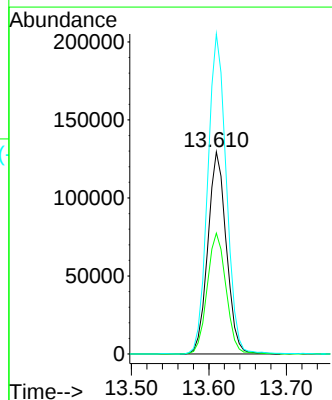
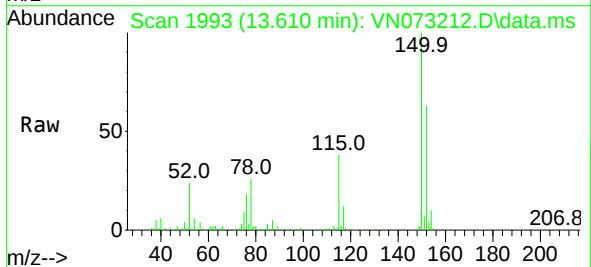
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

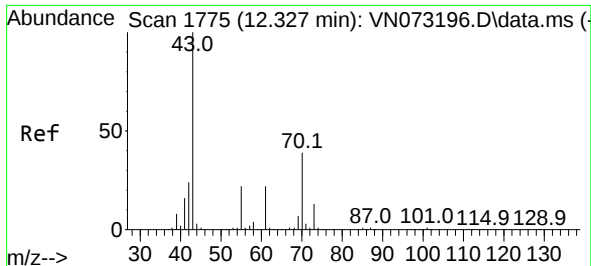
Tgt Ion:112 Resp: 11166
Ion Ratio Lower Upper
112 100
114 25.3 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion:152 Resp: 214178
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 159.5 0.0 356.2

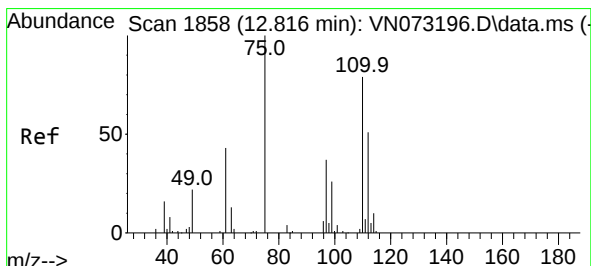
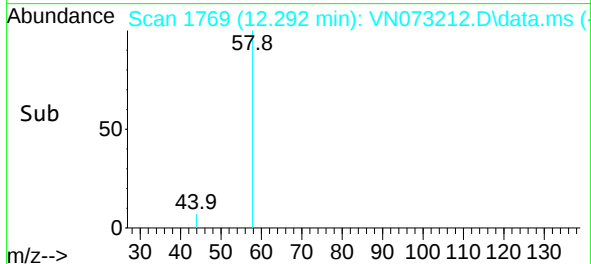
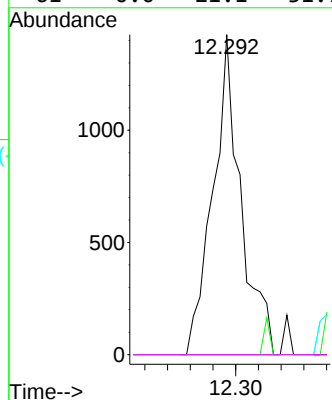
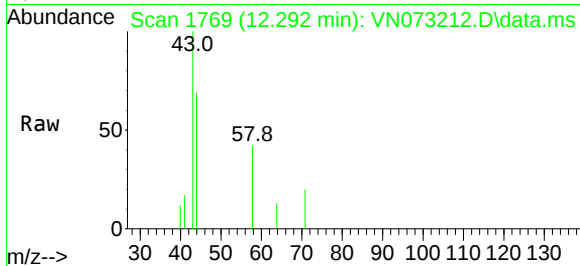




#74
N-amy1 acetate
Concen: 0.262 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

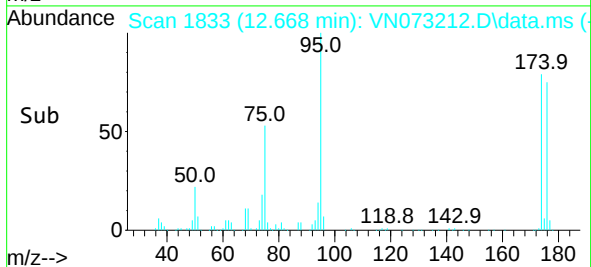
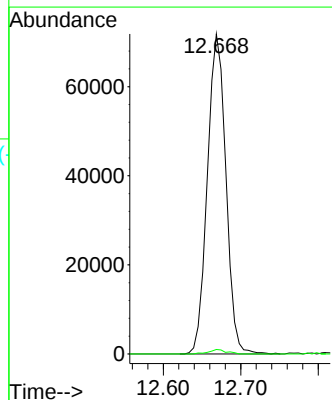
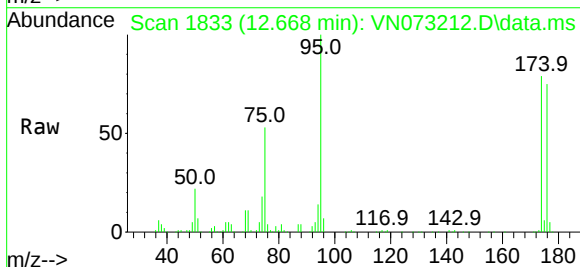
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4RE

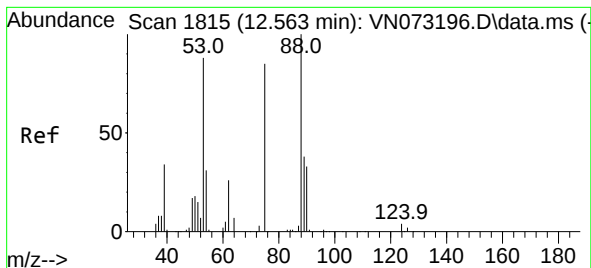
Tgt Ion: 43	Resp: 2431
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.4#
55 0.0	21.1 31.7#
61 0.0	21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 21.324 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 75	Resp: 119422
Ion Ratio	Lower Upper
75 100	
77 1.3	98.5 295.5#

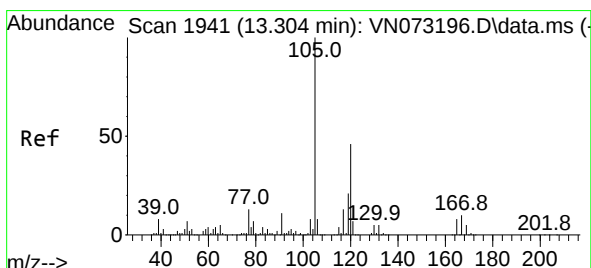
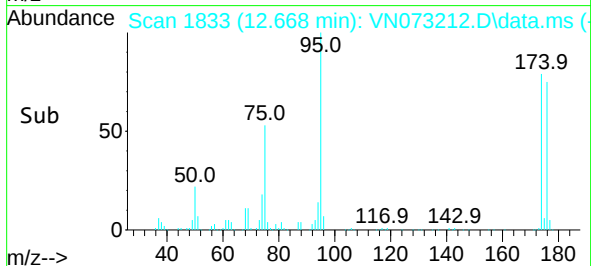
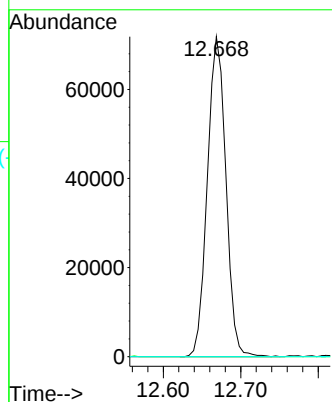
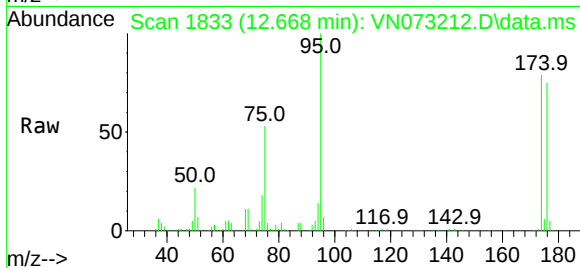




#81
trans-1,4-Dichloro-2-butene
Concen: 58.481 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

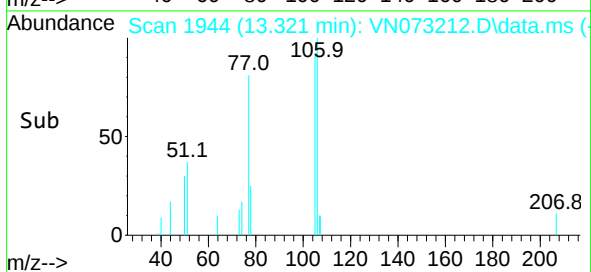
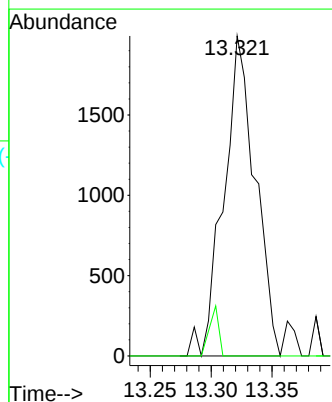
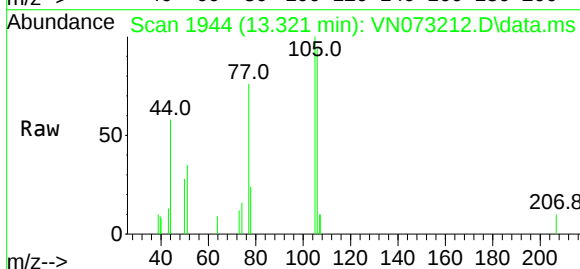
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ClientSampleId :
SP-EXC-1-4RE

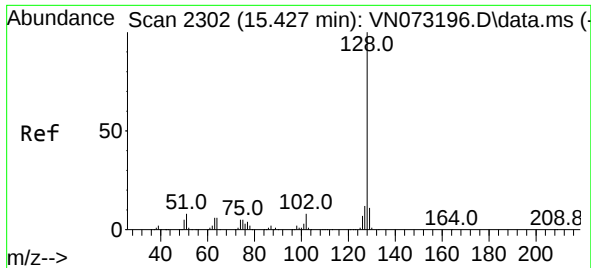
Tgt Ion: 75 Resp: 119422
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 13.321 min Scan# 1944
Delta R.T. 0.017 min
Lab File: VN073212.D
Acq: 28 Jun 2022 21:26

Tgt Ion: 105 Resp: 3589
Ion Ratio Lower Upper
105 100
120 4.6 23.3 69.8#





#95

Naphthalene

Concen: 0.907 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073212.D

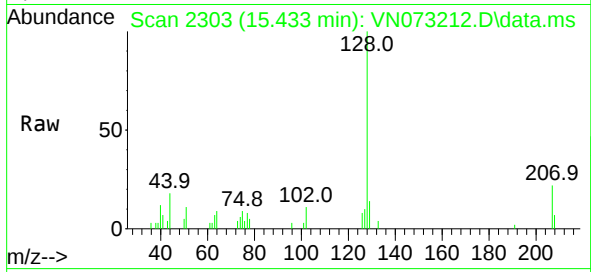
Acq: 28 Jun 2022 21:26

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-4RE



Tgt Ion:128 Resp: 14972

Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

129 11.3 8.6 13.0

