

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067429.D
 Acq On : 21 Jun 2021 20:17
 Operator : JC/MD
 Sample : M2787-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41828

Quant Time: Jun 22 03:13:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

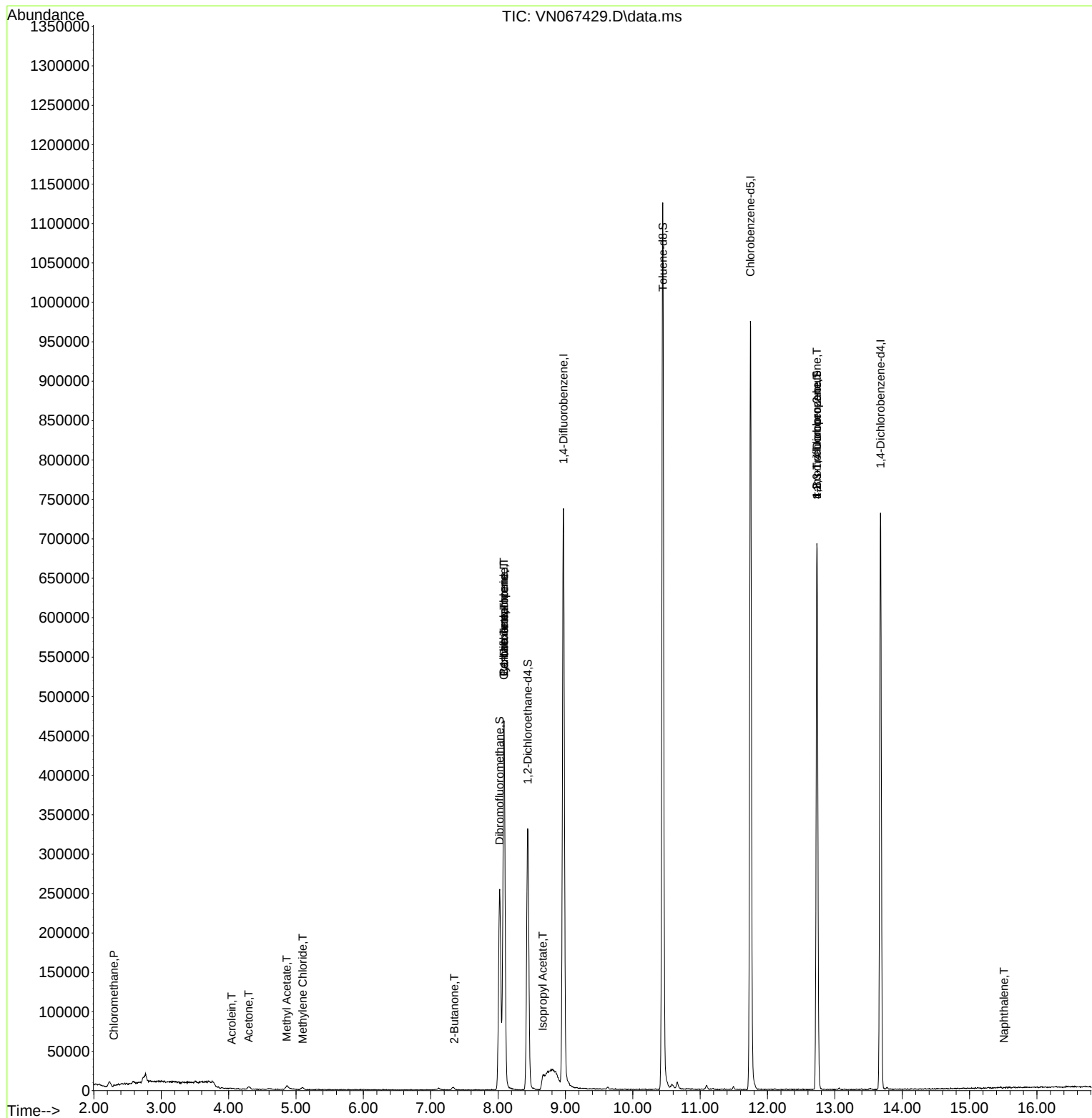
Internal Standards						
1) Pentafluorobenzene	8.088	168	288670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	594854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	512946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	164535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	282525	49.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.22%		
35) Dibromofluoromethane	8.024	113	183050	46.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.54%		
50) Toluene-d8	10.446	98	769645	50.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.52%		
62) 4-Bromofluorobenzene	12.734	95	259853	41.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.04%		
Target Compounds						Qvalue
3) Chloromethane	2.295	50	1074	0.25	ug/l #	43
13) Acrolein	4.044	56	688	1.18	ug/l #	63
16) Acetone	4.296	43	2762	1.26	ug/l	91
18) Methyl Acetate	4.862	43	8728	1.65	ug/l #	78
20) Methylene Chloride	5.098	84	981	0.22	ug/l #	39
25) 2-Butanone	7.351	43	728	0.23	ug/l #	51
31) Cyclohexane	8.086	56	9796	1.27	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	34258	5.14	ug/l #	51
38) Carbon Tetrachloride	8.088	117	36889	5.15	ug/l #	16
43) Isopropyl Acetate	8.662	43	9703	0.77	ug/l #	58
76) 1,2,3-Trichloropropane	12.734	75	150615	35.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	150615	87.36	ug/l #	6
95) Naphthalene	15.512	128	357	2.64	ug/l #	69

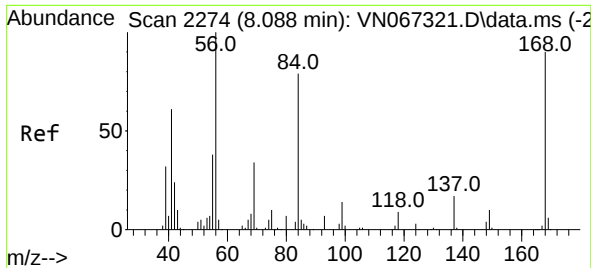
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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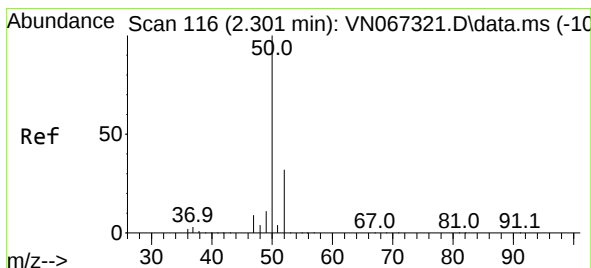
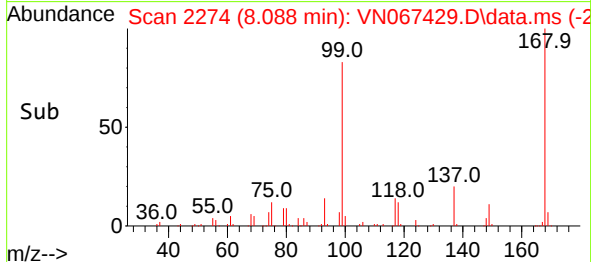
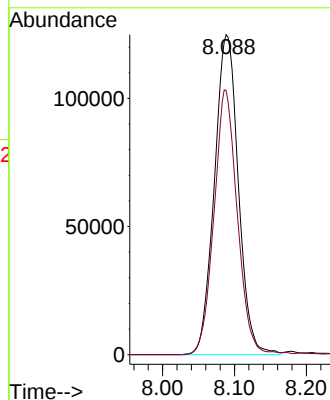
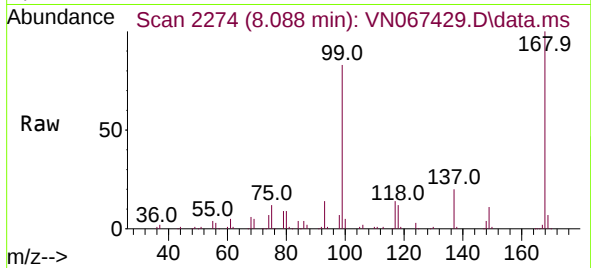




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

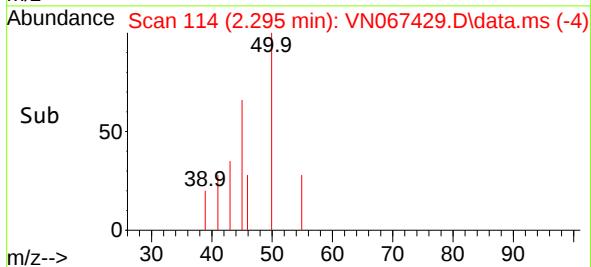
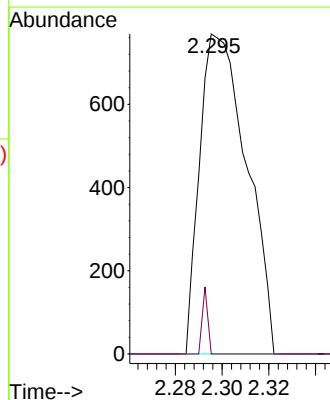
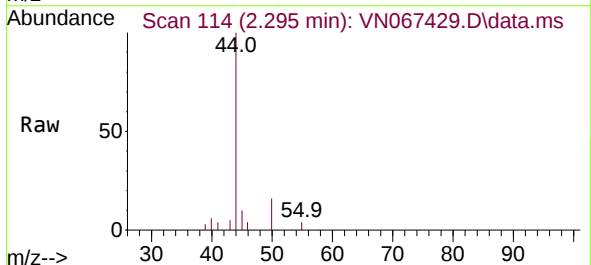
Instrument :
MSVOA_N
ClientSampleId :
41828

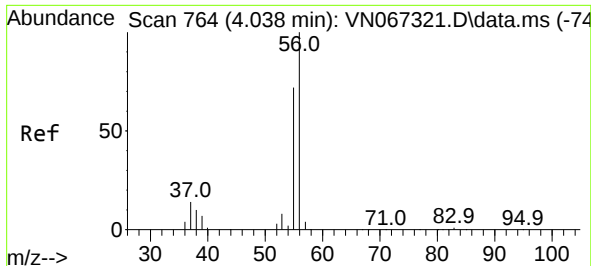
Tgt Ion:168 Resp: 288670
Ion Ratio Lower Upper
168 100
99 82.6 62.9 94.3



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 50 Resp: 1074
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

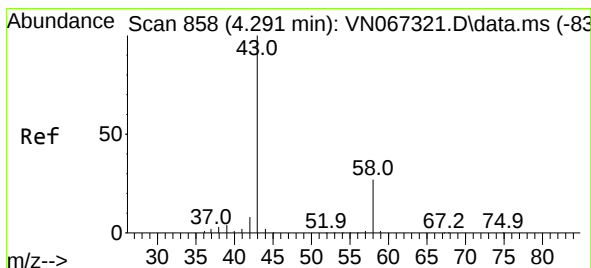
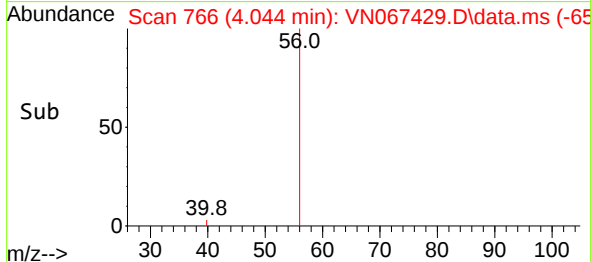
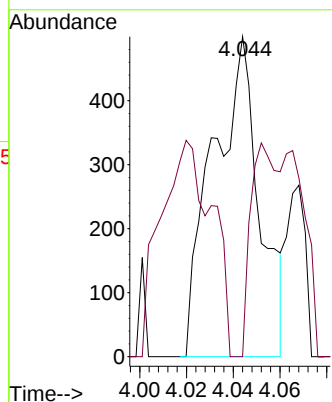
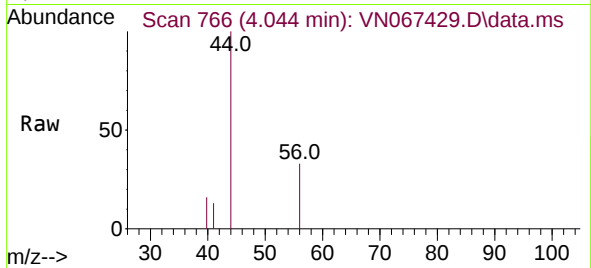




#13
Acrolein
Concen: 1.18 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

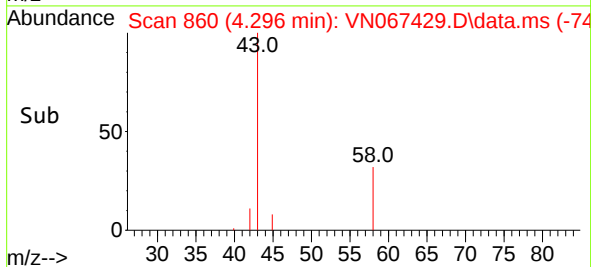
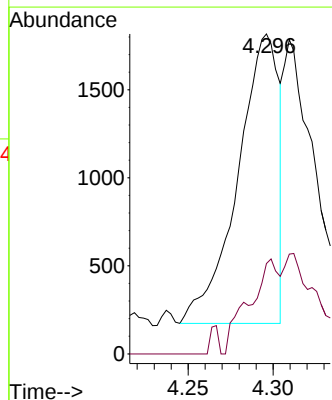
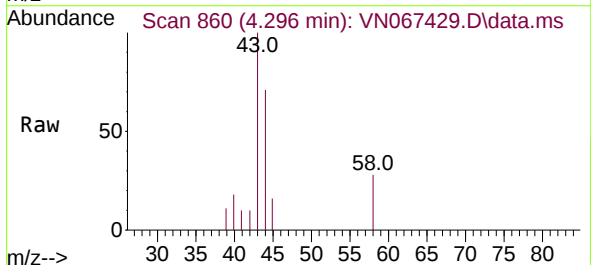
Instrument :
MSVOA_N
ClientSampled :
41828

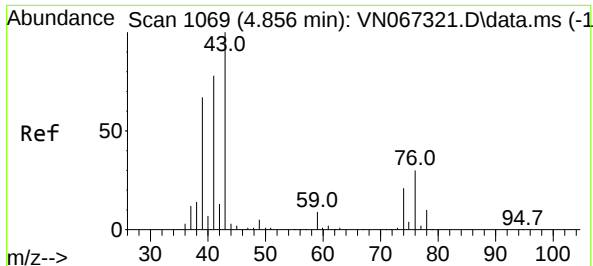
Tgt Ion: 56 Resp: 688
Ion Ratio Lower Upper
56 100
55 40.6 57.4 86.0#



#16
Acetone
Concen: 1.26 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8





#18

Methyl Acetate

Concen: 1.65 ug/l

RT: 4.862 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN067429.D

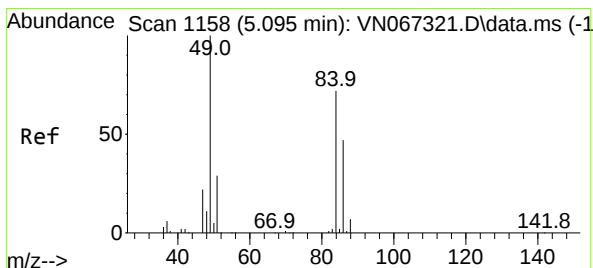
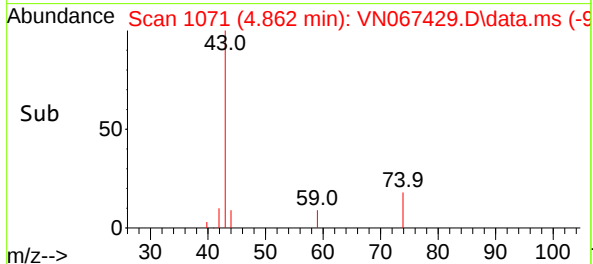
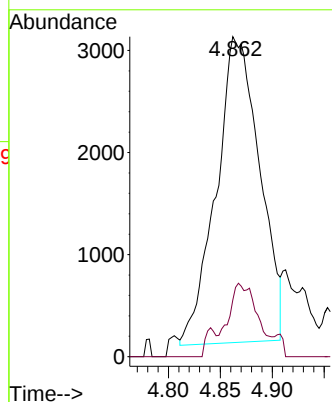
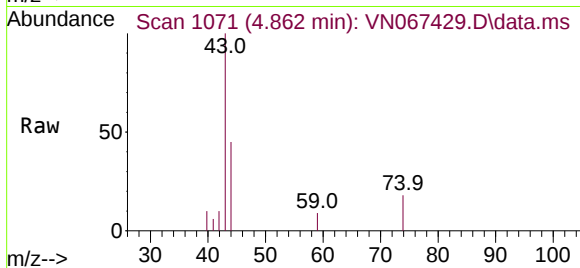
Acq: 21 Jun 2021 20:17

Tgt Ion: 43 Resp: 8728

Ion Ratio Lower Upper

43 100

74 11.4 17.4 26.0#



#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN067429.D

Acq: 21 Jun 2021 20:17

Tgt Ion: 84 Resp: 981

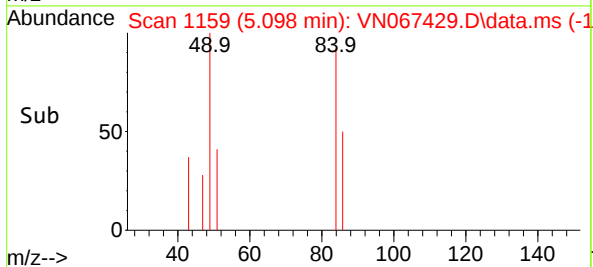
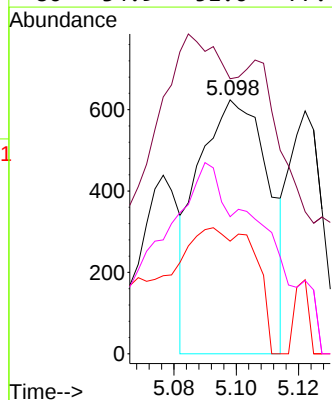
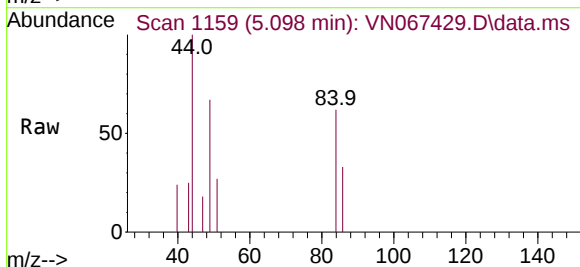
Ion Ratio Lower Upper

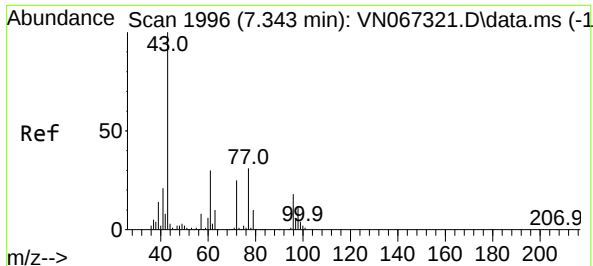
84 100

49 62.0 110.9 166.3#

51 97.5 32.6 49.0#

86 34.9 51.6 77.4#

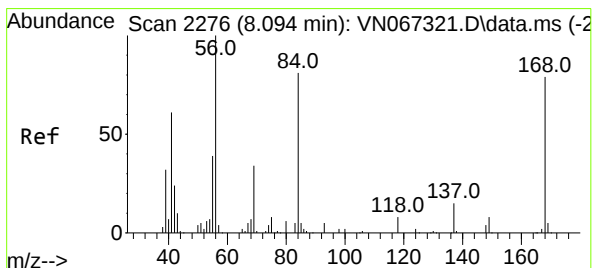
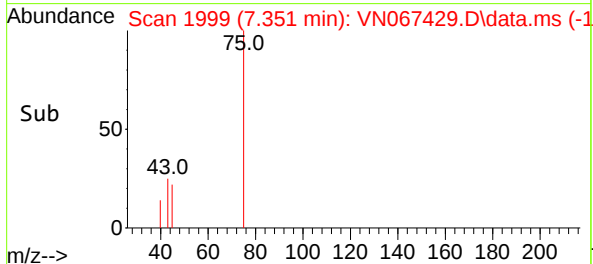
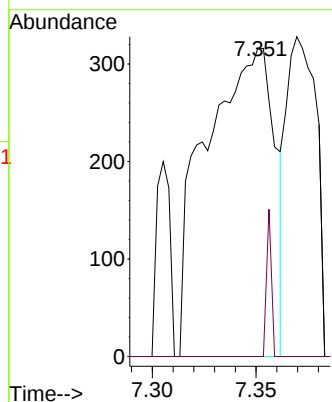
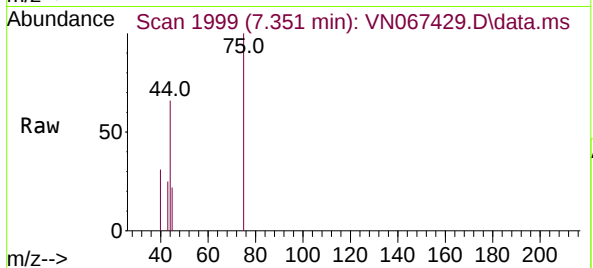




#25
2-Butanone
Concen: 0.23 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

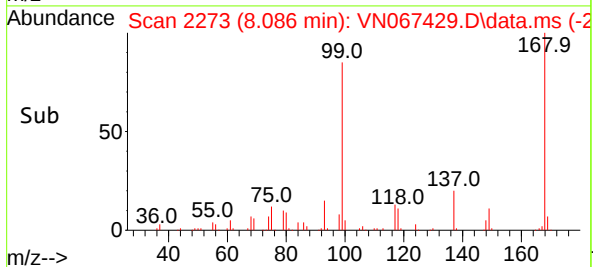
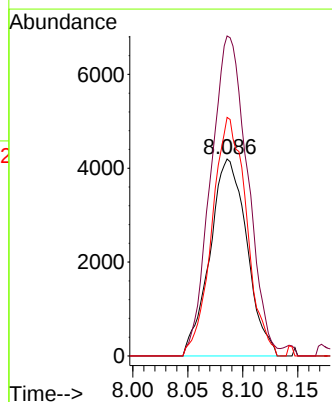
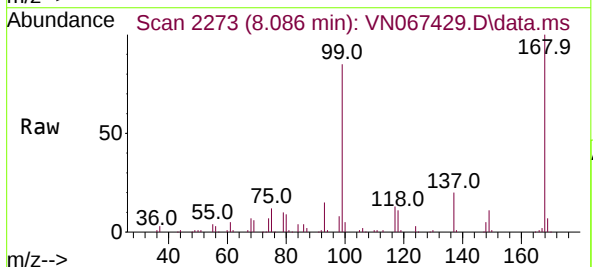
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41828

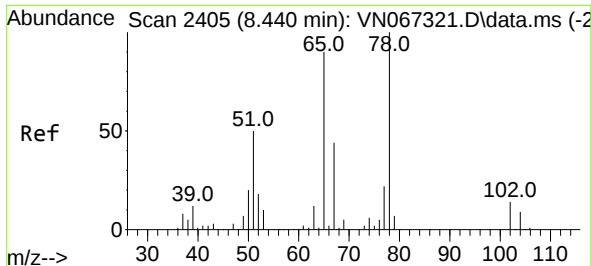
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 56 Resp: 9796
Ion Ratio Lower Upper
56 100
69 162.5 27.3 40.9#
84 121.1 64.9 97.3#

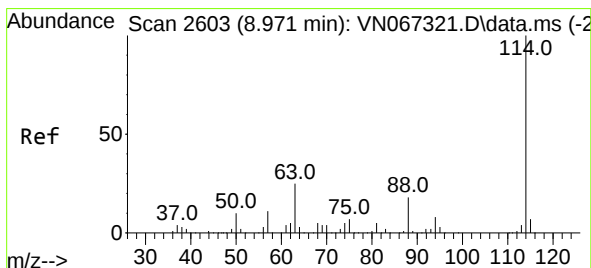
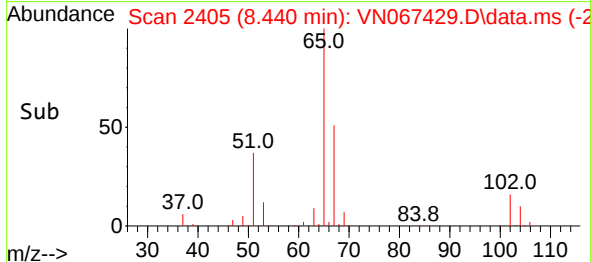
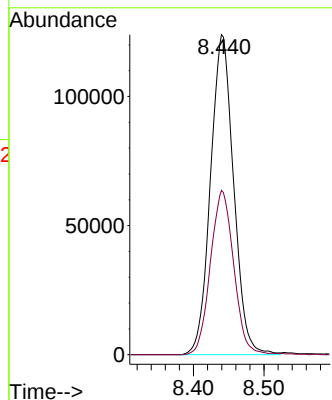
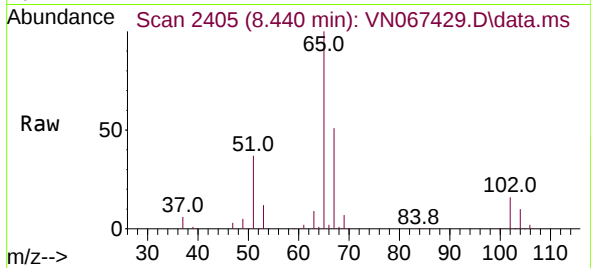




#33
 1,2-Dichloroethane-d4
 Concen: 49.61 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067429.D
 Acq: 21 Jun 2021 20:17

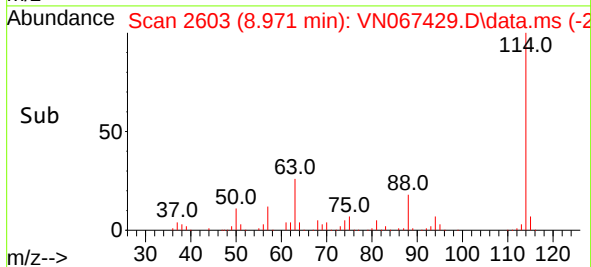
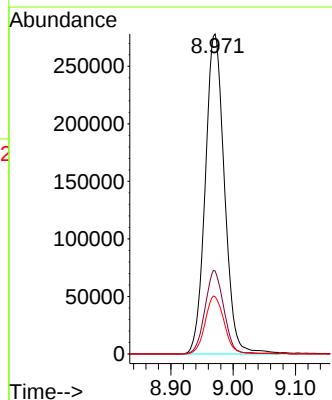
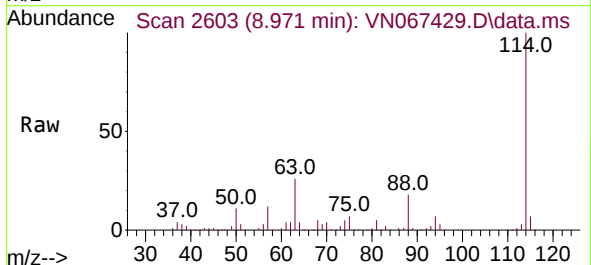
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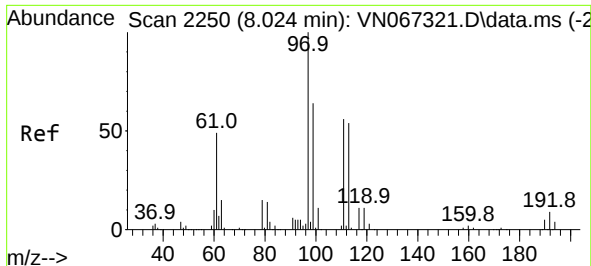
Tgt Ion: 65 Resp: 282525
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067429.D
 Acq: 21 Jun 2021 20:17

Tgt Ion: 114 Resp: 594854
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.0
 88 17.9 0.0 36.6

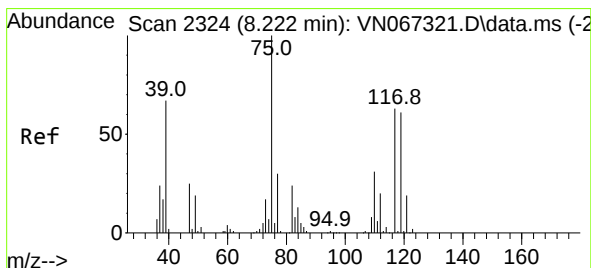
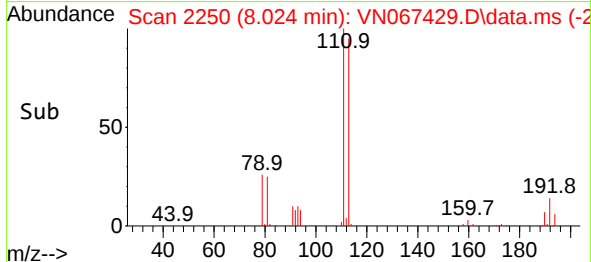
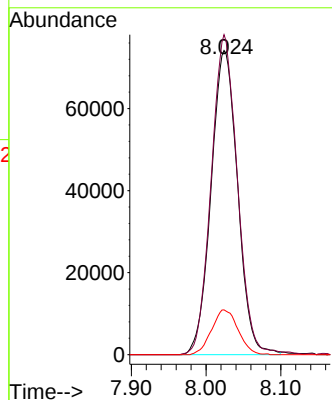
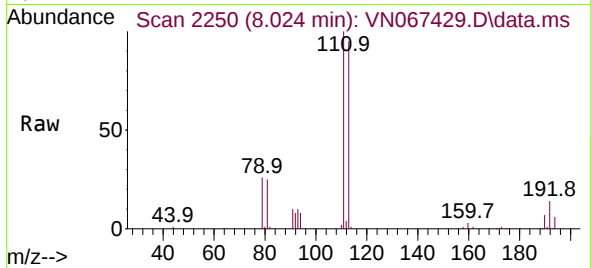




#35
Dibromofluoromethane
Concen: 46.27 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

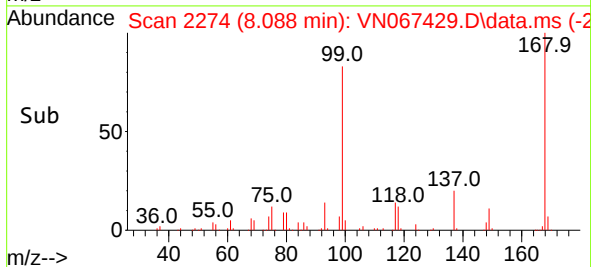
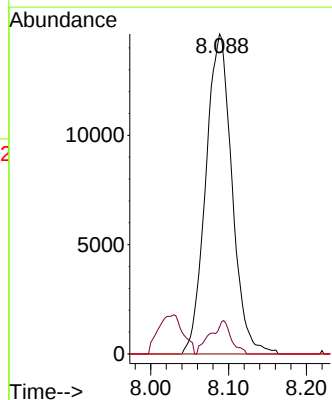
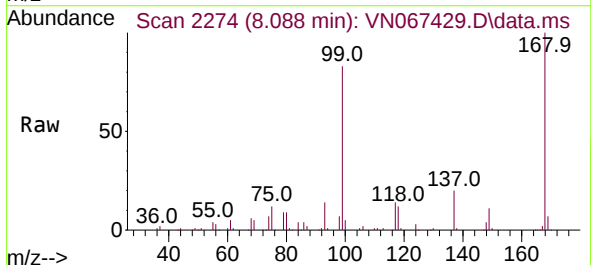
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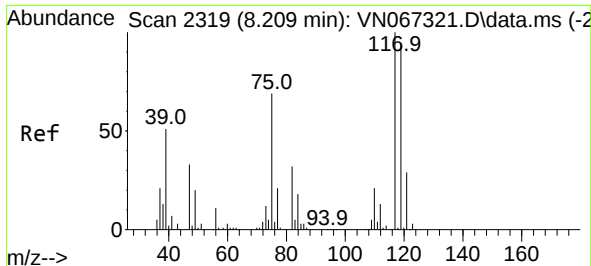
Tgt Ion:113 Resp: 183050
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.8
192 14.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

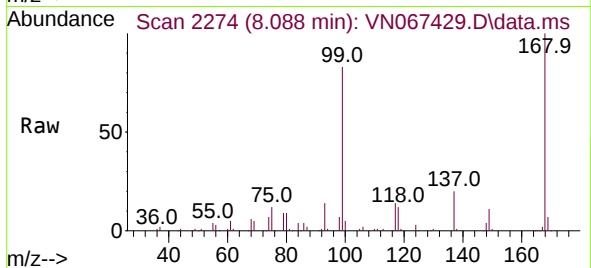
Tgt Ion: 75 Resp: 34258
Ion Ratio Lower Upper
75 100
110 8.2 15.7 47.0#
77 0.0 24.6 37.0#



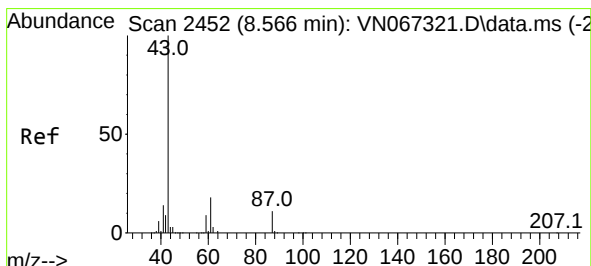
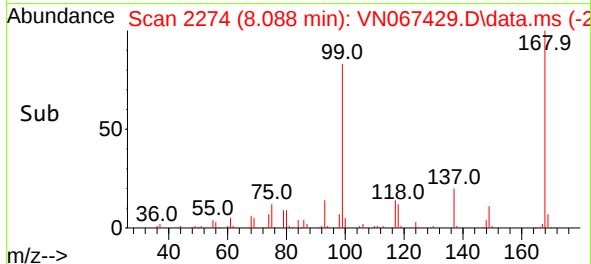
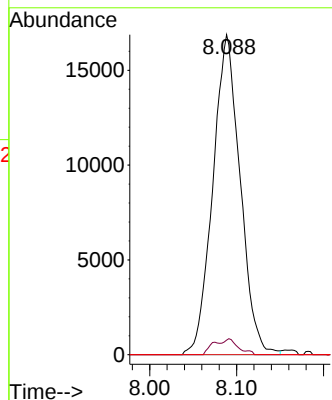


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Instrument :
MSVOA_N
ClientSampled :
41828

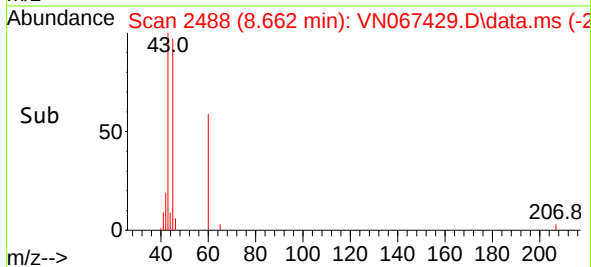
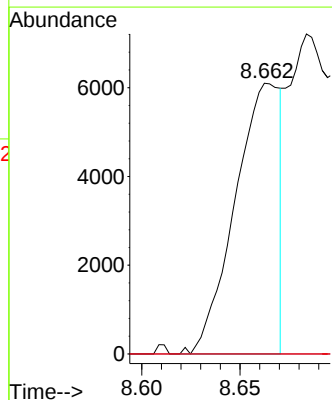
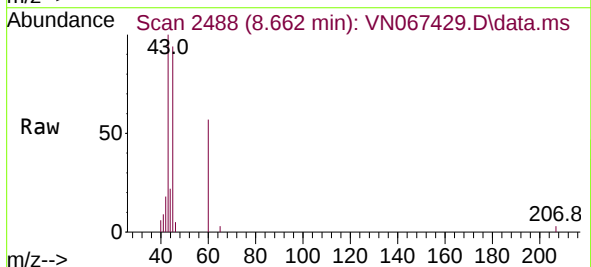


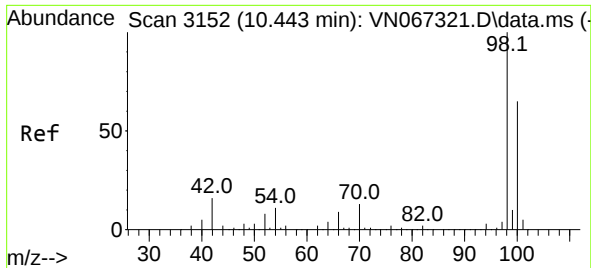
Tgt Ion:117 Resp: 36889
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.77 ug/l
RT: 8.662 min Scan# 2488
Delta R.T. 0.096 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 43 Resp: 9703
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

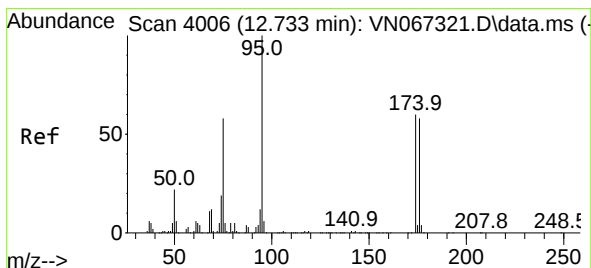
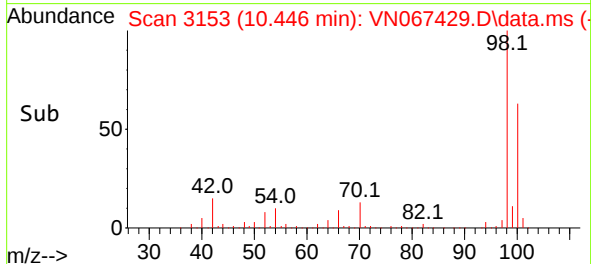
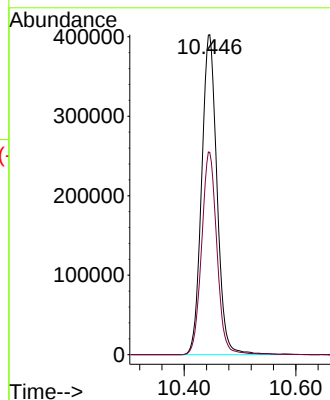
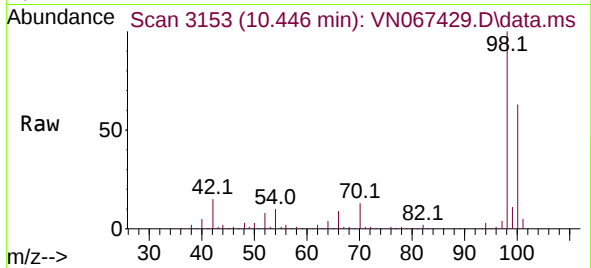




#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

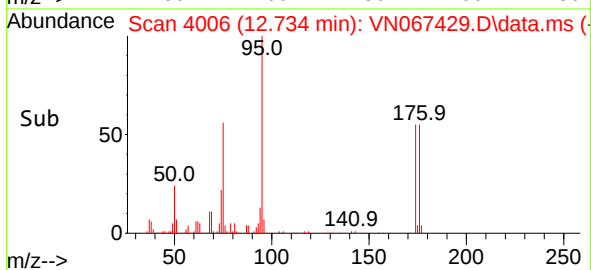
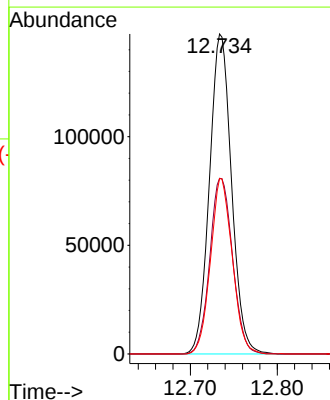
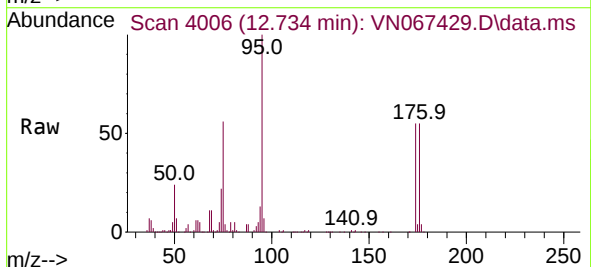
Instrument :
MSVOA_N
ClientSampleId :
41828

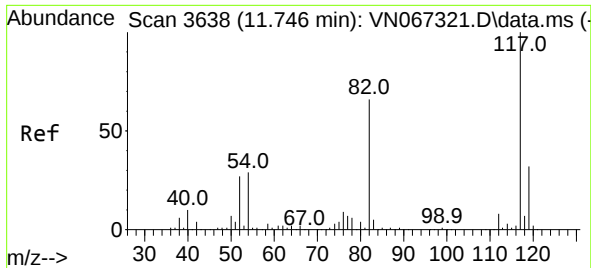
Tgt Ion: 98 Resp: 769645
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.52 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 95 Resp: 259853
Ion Ratio Lower Upper
95 100
174 56.7 0.0 122.0
176 54.0 0.0 117.6

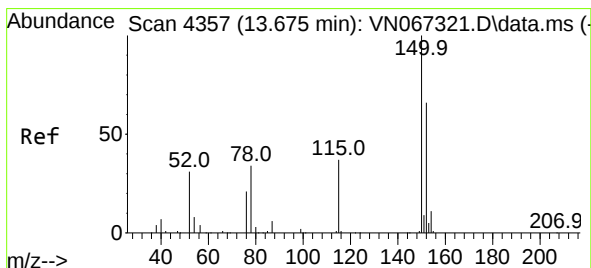
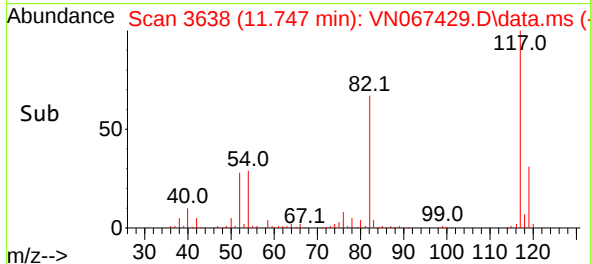
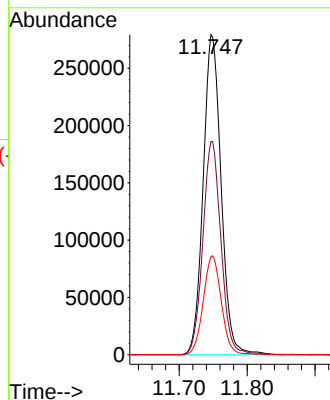
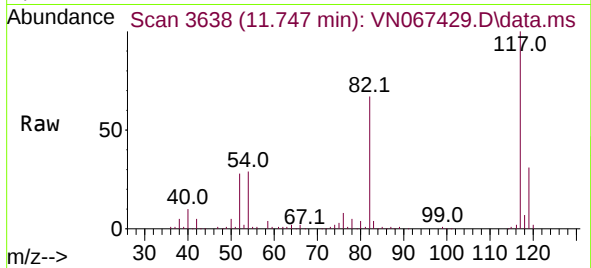




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

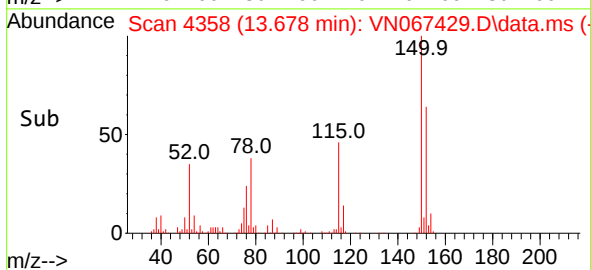
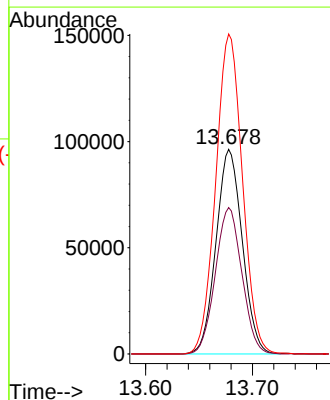
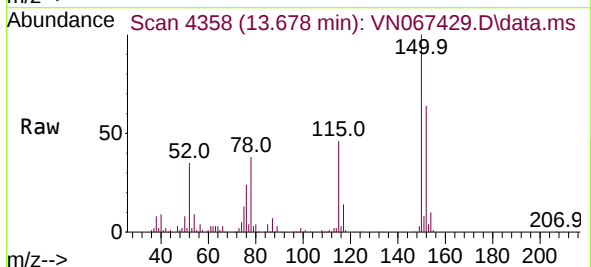
Instrument :
MSVOA_N
ClientSampleId :
41828

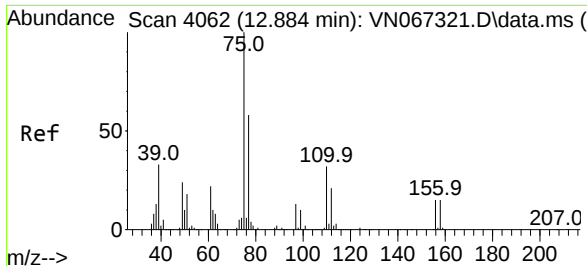
Tgt Ion:117 Resp: 512946
Ion Ratio Lower Upper
117 100
82 66.6 53.1 79.7
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion:152 Resp: 164535
Ion Ratio Lower Upper
152 100
115 72.3 36.1 108.5
150 159.2 0.0 351.8

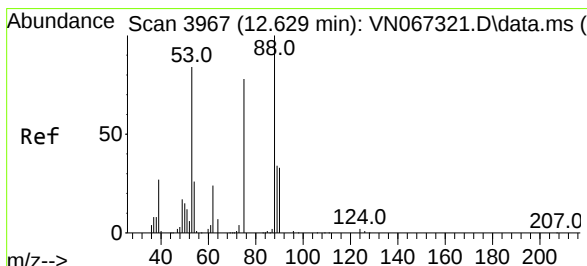
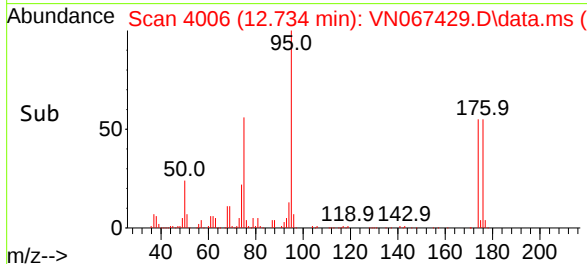
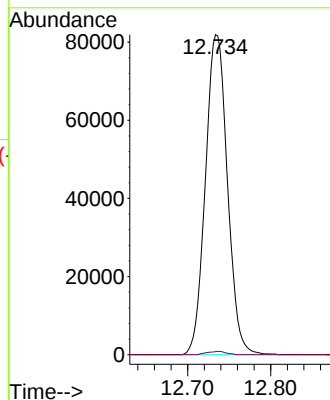
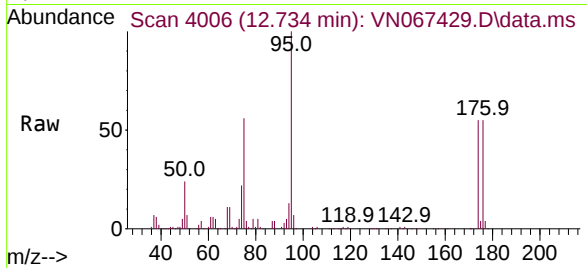




#76
1,2,3-Trichloropropane
Concen: 35.25 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

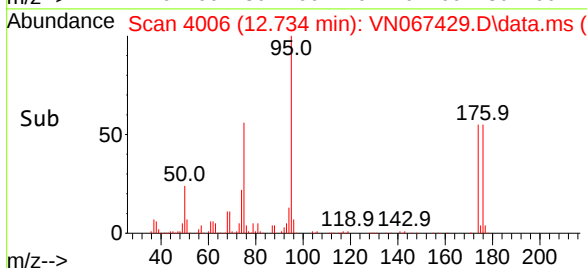
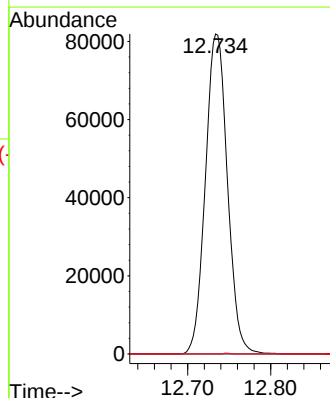
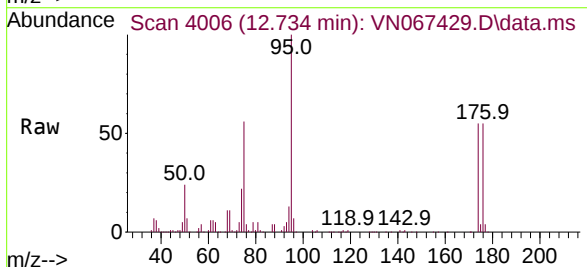
Instrument :
MSVOA_N
ClientSampled :
41828

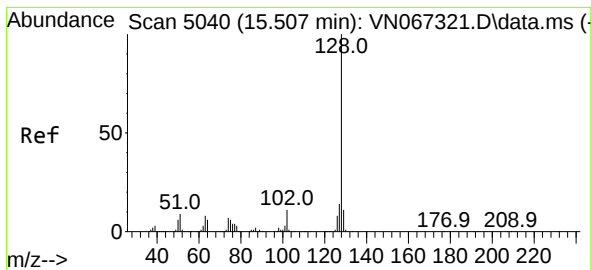
Tgt Ion: 75 Resp: 150615
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.36 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Tgt Ion: 75 Resp: 150615
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.1 37.8 56.8#





#95
Naphthalene
Concen: 2.64 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067429.D
Acq: 21 Jun 2021 20:17

Instrument :
MSVOA_N
ClientSampleId :
41828

Tgt Ion:128 Resp: 357
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

