

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067466.D
 Acq On : 23 Jun 2021 18:53
 Operator : JC/MD
 Sample : M2804-06 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20210621

Quant Time: Jun 24 05:04:48 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)

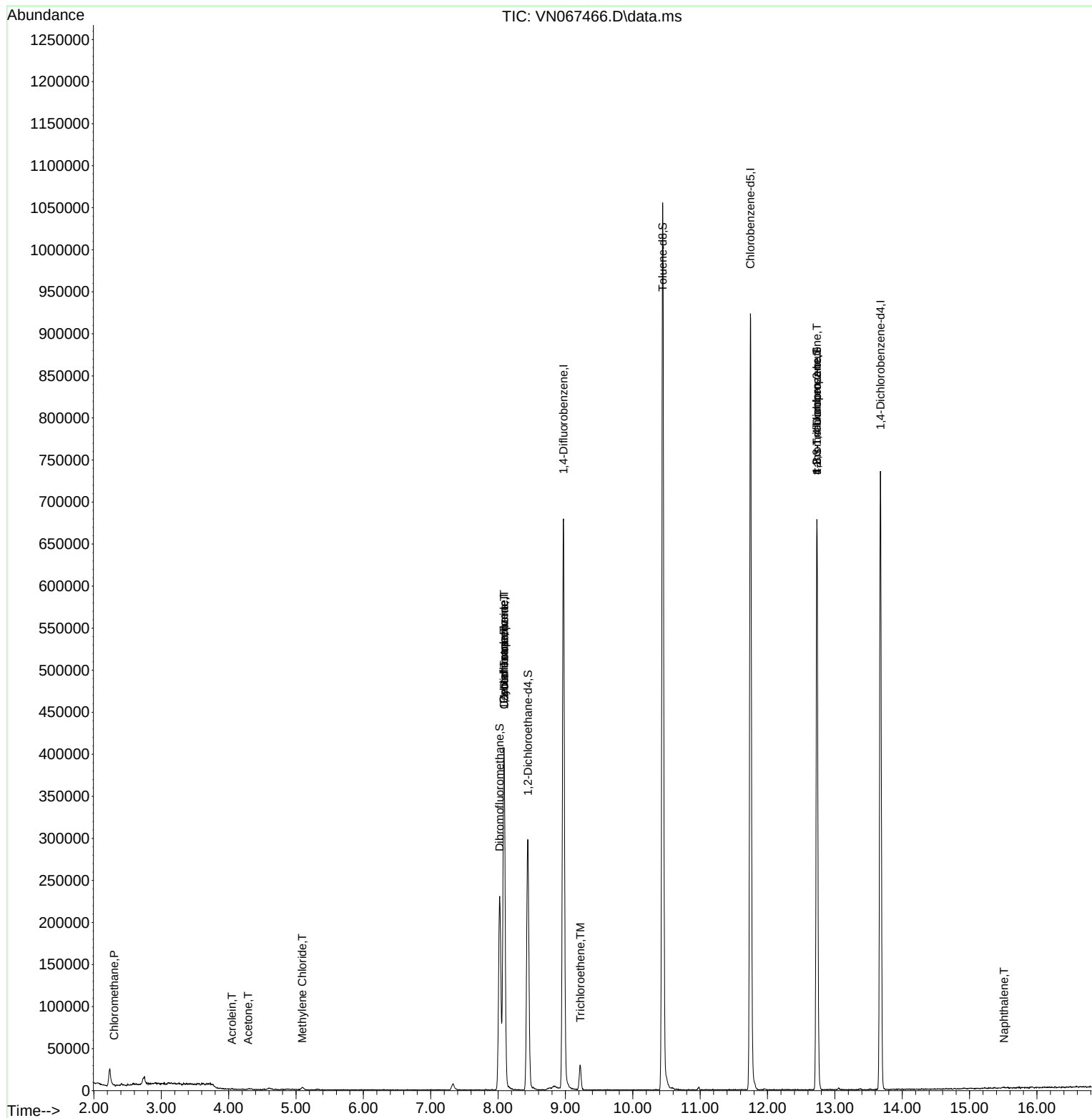
Internal Standards						
1) Pentafluorobenzene	8.088	168	259606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	554830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	491091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	167104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	250004	48.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.640%
35) Dibromofluoromethane	8.024	113	166606	45.150	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.300%
50) Toluene-d8	10.443	98	741561	52.432	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.734	95	249912	42.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	865	0.219	ug/l #	43
13) Acrolein	4.049	56	376	0.714	ug/l	90
16) Acetone	4.288	43	395	0.201	ug/l #	65
20) Methylene Chloride	5.093	84	1556	0.381	ug/l #	56
31) Cyclohexane	8.088	56	8882	1.276	ug/l #	1
36) 1,1-Dichloropropene	8.091	75	32797	5.273	ug/l #	47
38) Carbon Tetrachloride	8.091	117	32550	4.869	ug/l #	17
44) Trichloroethene	9.223	130	9358	2.305	ug/l	83
76) 1,2,3-Trichloropropane	12.734	75	144748	33.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	144748	82.668	ug/l #	6
95) Naphthalene	15.512	128	1037	2.704	ug/l #	69

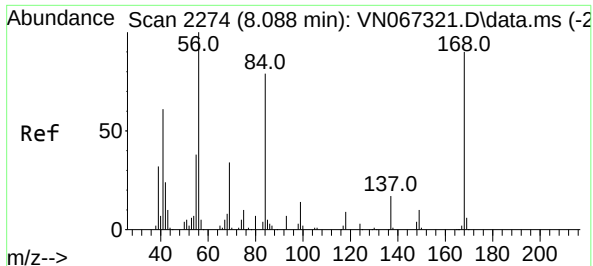
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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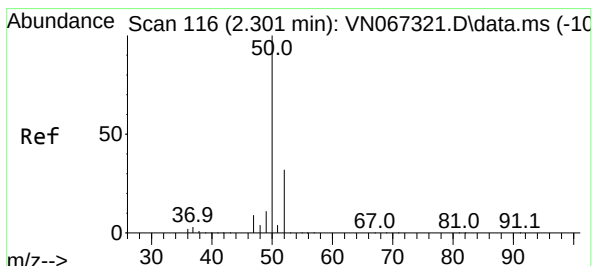
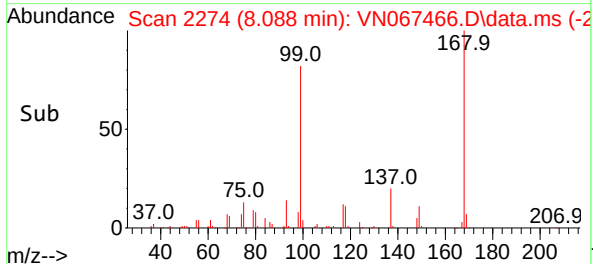
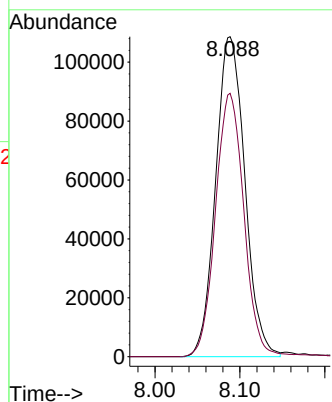
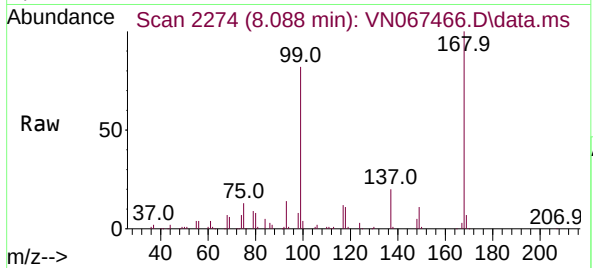




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

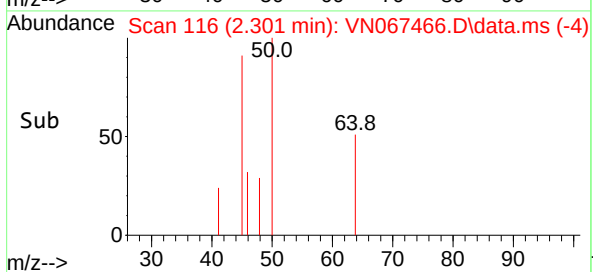
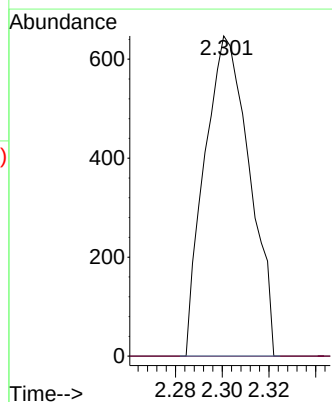
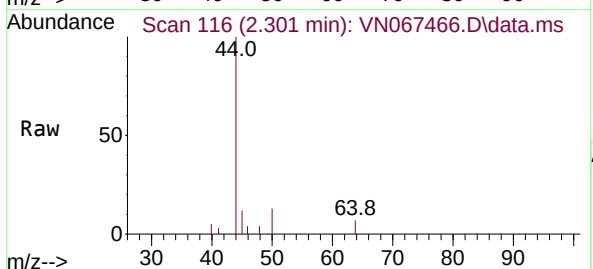
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

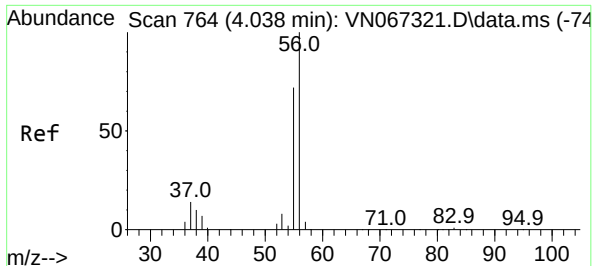
Tgt Ion:168 Resp: 259606
Ion Ratio Lower Upper
168 100
99 82.3 62.9 94.3



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

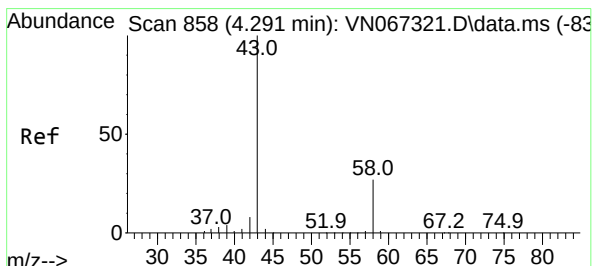
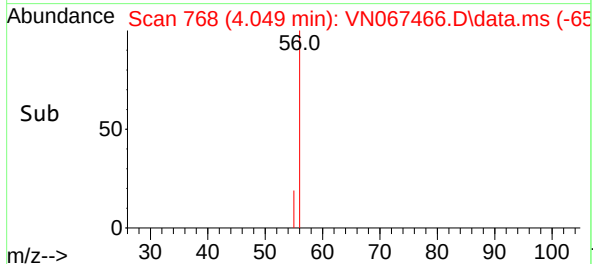
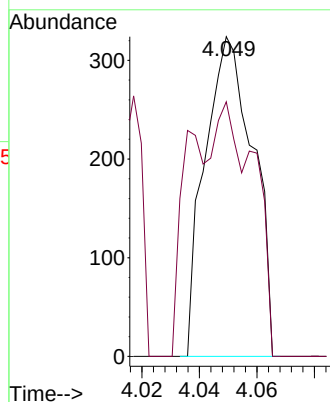
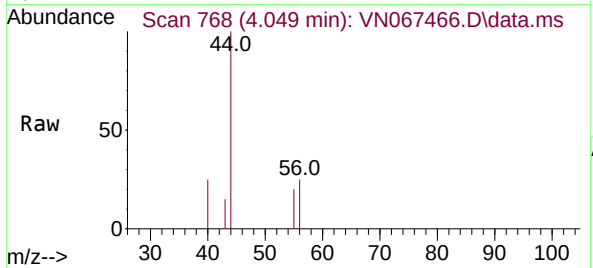




#13
Acrolein
Concen: 0.714 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.011 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

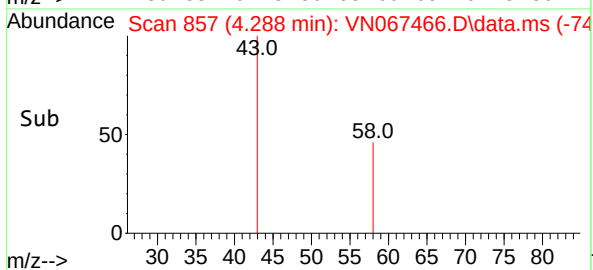
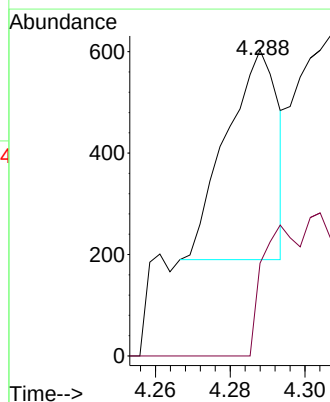
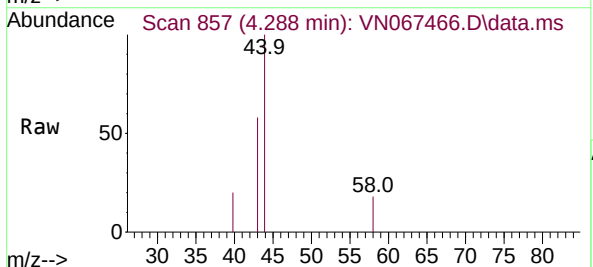
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

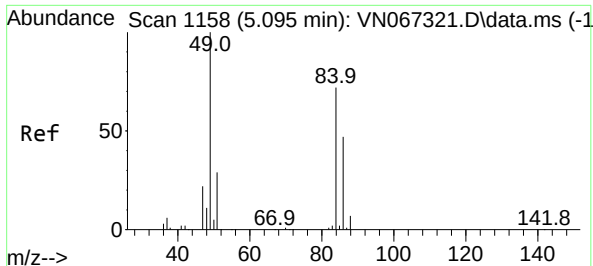
Tgt Ion: 56 Resp: 376
Ion Ratio Lower Upper
56 100
55 63.0 57.4 86.0



#16
Acetone
Concen: 0.201 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

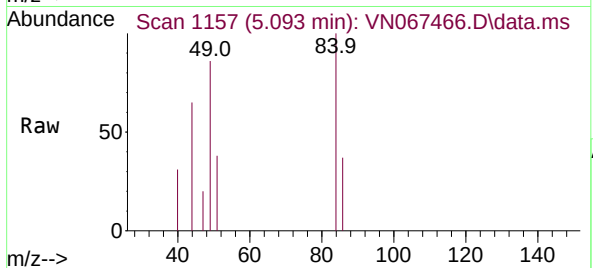
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 44.3 21.2 31.8#



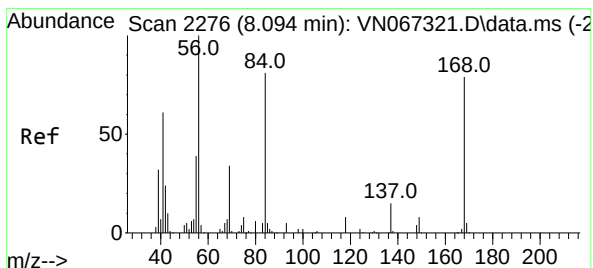
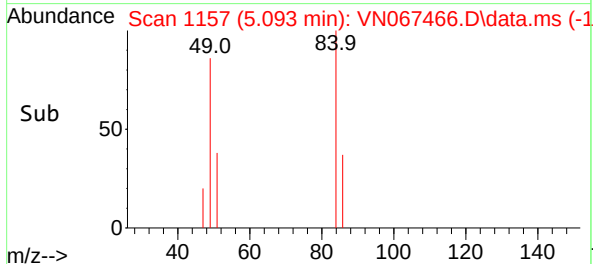
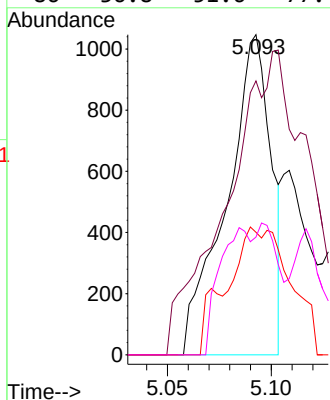


#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

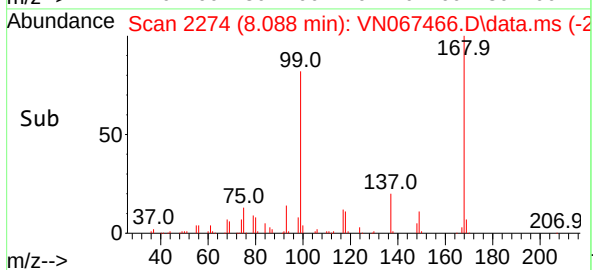
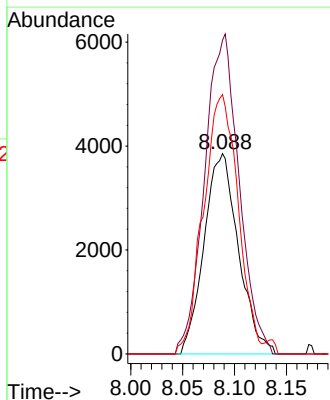
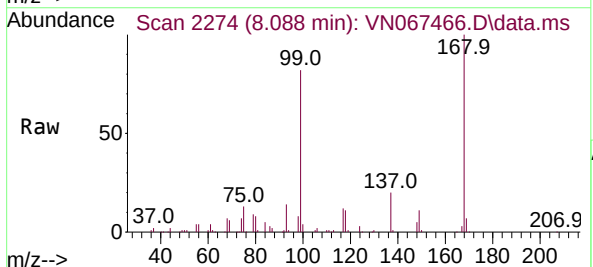


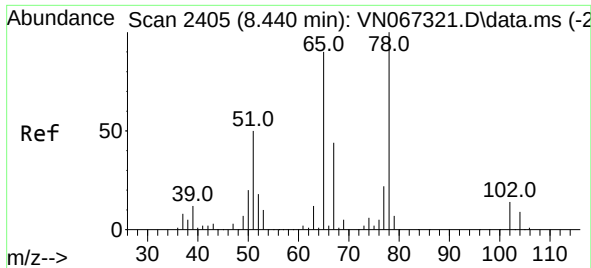
Tgt Ion:	84	Resp:	1556
Ion	Ratio	Lower	Upper
84	100		
49	66.6	110.9	166.3#
51	38.3	32.6	49.0
86	36.8	51.6	77.4#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion:	56	Resp:	8882
Ion	Ratio	Lower	Upper
56	100		
69	156.7	27.3	40.9#
84	129.5	64.9	97.3#



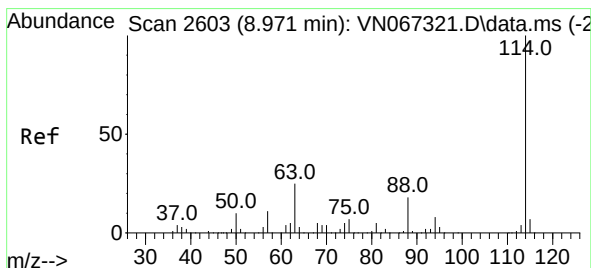
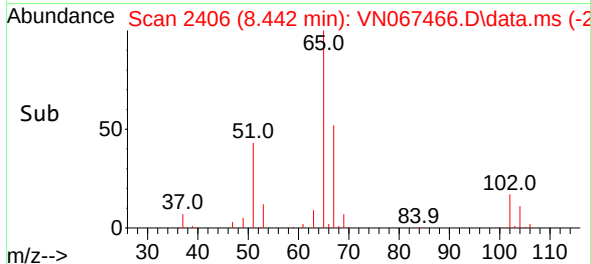
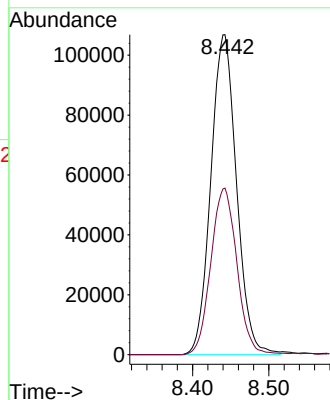
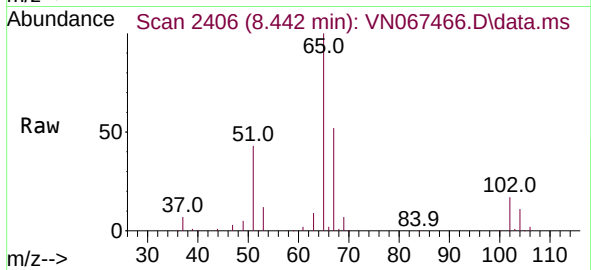


#33

1,2-Dichloroethane-d4
Concen: 48.816 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067466.D
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Instrument :
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DUP07-20210621

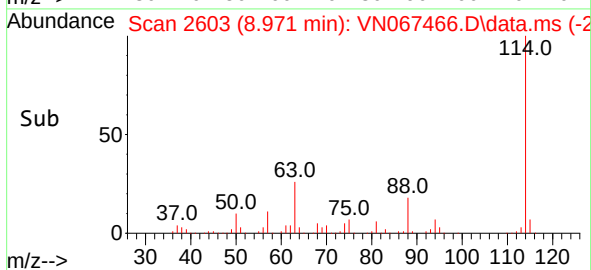
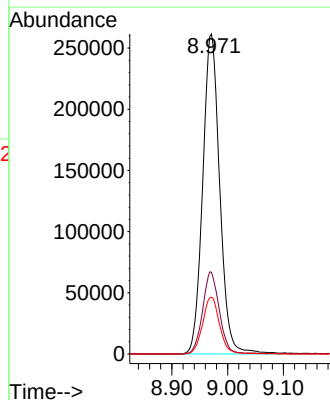
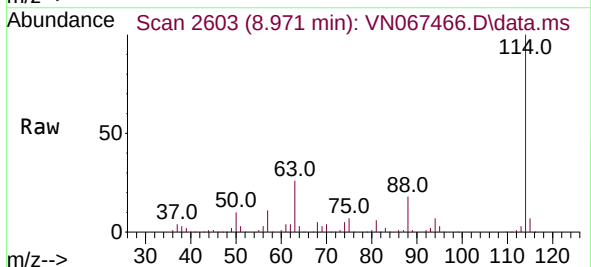
Tgt Ion: 65 Resp: 250004
Ion Ratio Lower Upper
65 100
67 52.8 0.0 98.6

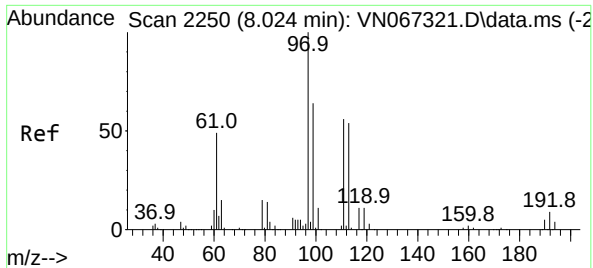


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion: 114 Resp: 554830
Ion Ratio Lower Upper
114 100
63 25.6 0.0 49.0
88 17.7 0.0 36.6

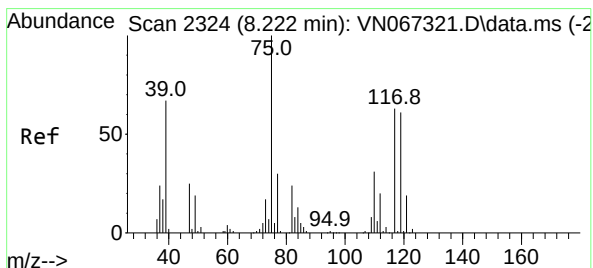
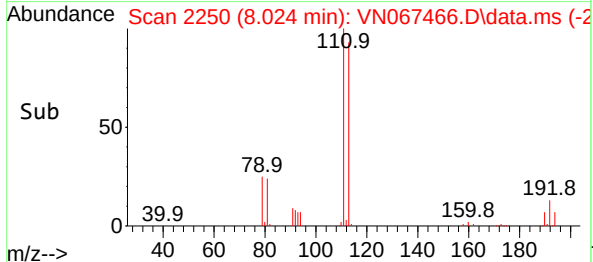
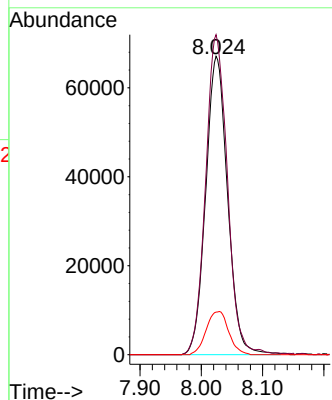
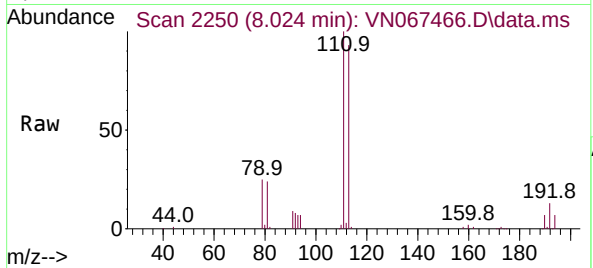




#35
Dibromofluoromethane
Concen: 45.150 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

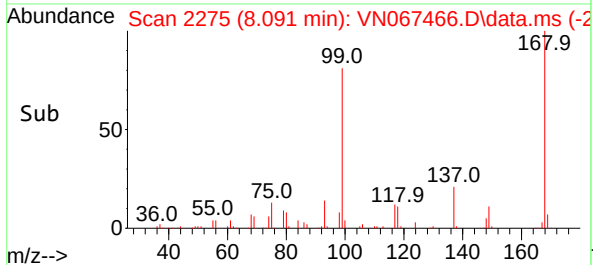
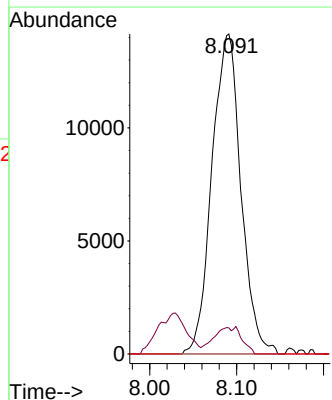
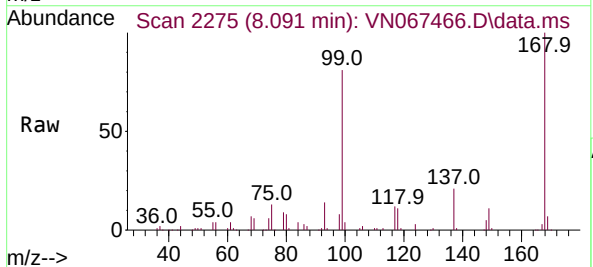
Instrument :
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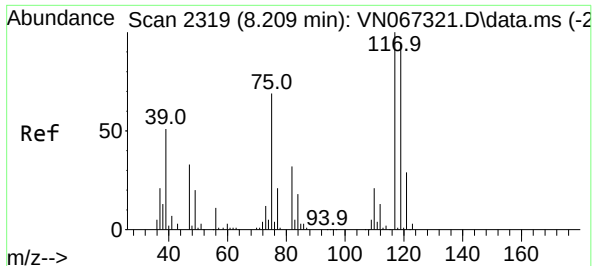
Tgt Ion:113 Resp: 166606
Ion Ratio Lower Upper
113 100
111 105.9 83.8 125.8
192 14.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.273 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

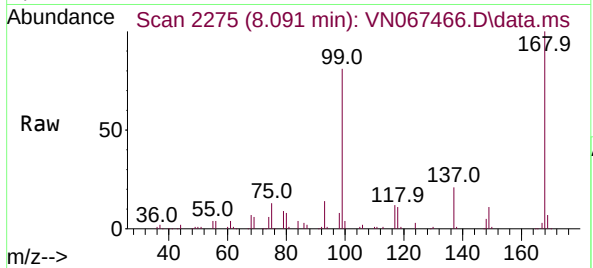
Tgt Ion: 75 Resp: 32797
Ion Ratio Lower Upper
75 100
110 3.5 15.7 47.0#
77 0.0 24.6 37.0#



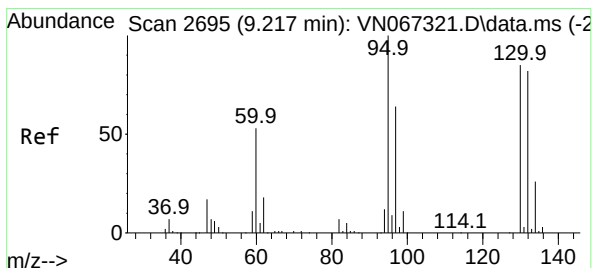
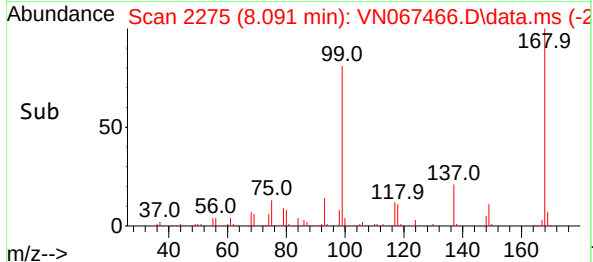
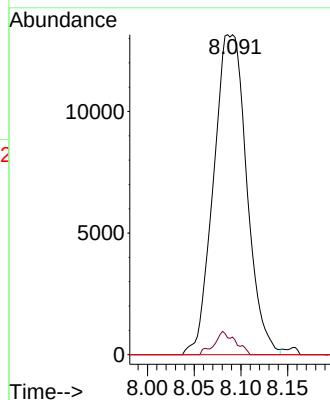


#38
Carbon Tetrachloride
Concen: 4.869 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

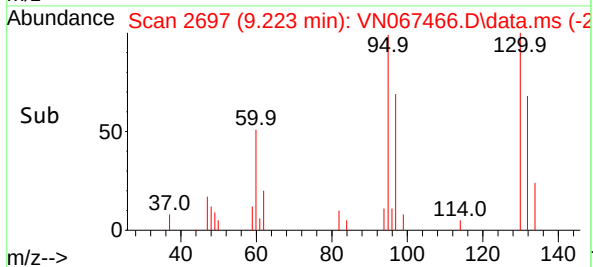
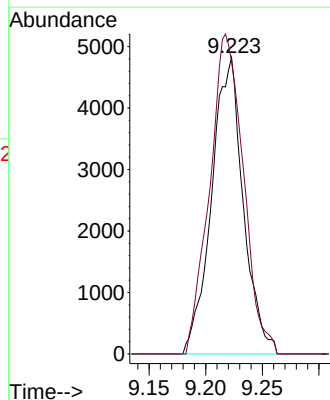
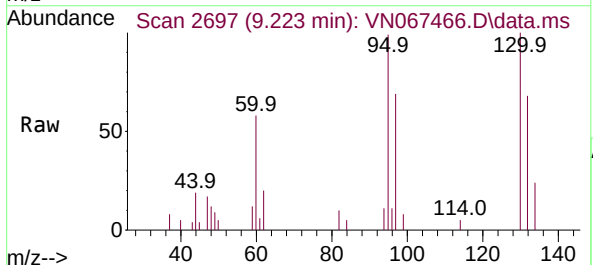


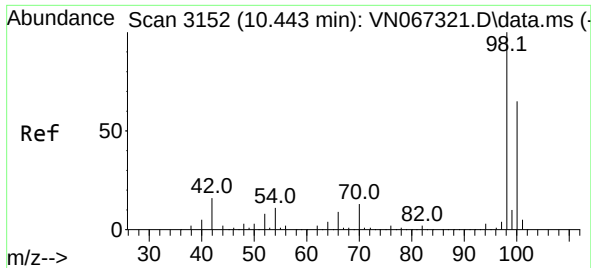
Tgt Ion:117 Resp: 32550
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 23.5 35.3#



#44
Trichloroethene
Concen: 2.305 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.006 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion:130 Resp: 9358
Ion Ratio Lower Upper
130 100
95 98.6 0.0 234.4

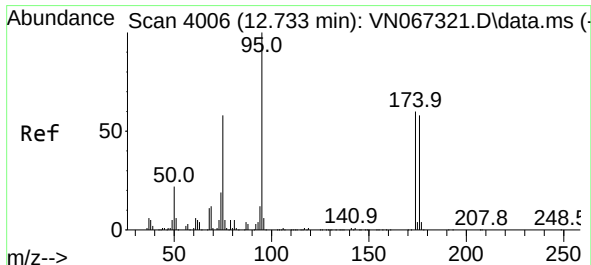
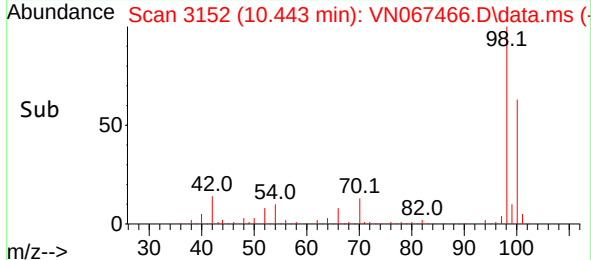
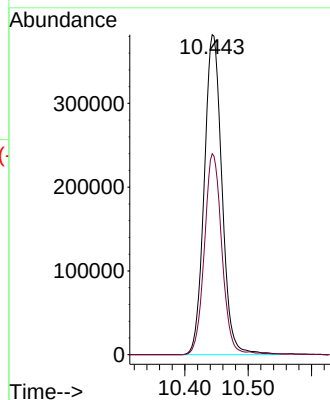
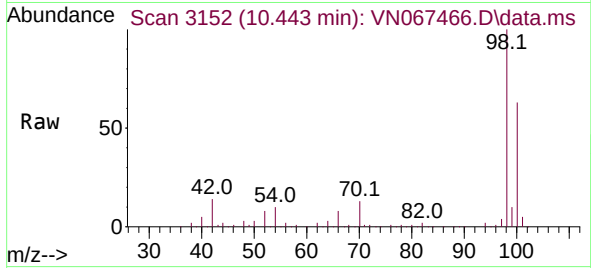




#50
Toluene-d8
Concen: 52.432 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

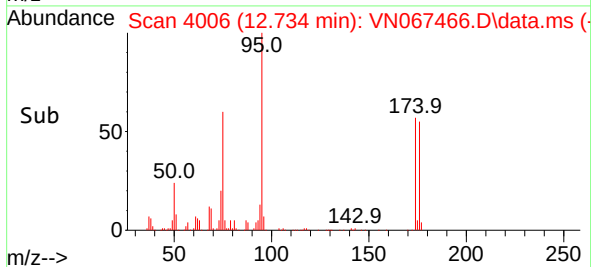
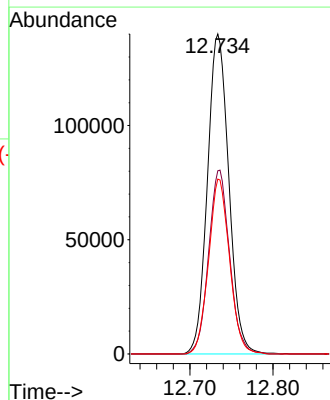
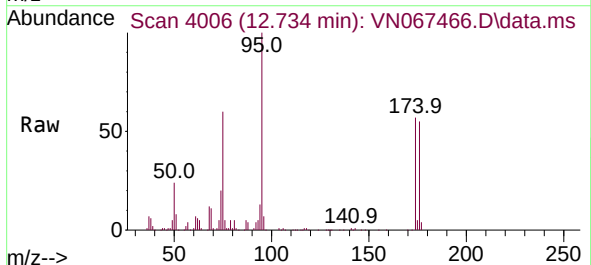
Instrument :
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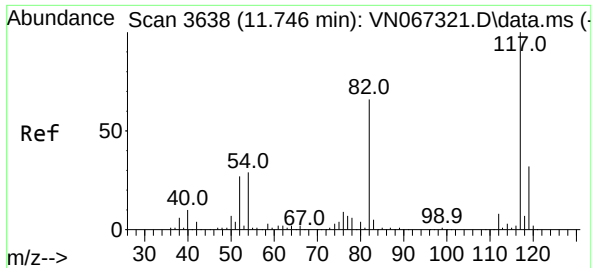
Tgt Ion: 98 Resp: 741561
Ion Ratio Lower Upper
98 100
100 61.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.817 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion: 95 Resp: 249912
Ion Ratio Lower Upper
95 100
174 56.5 0.0 122.0
176 53.7 0.0 117.6

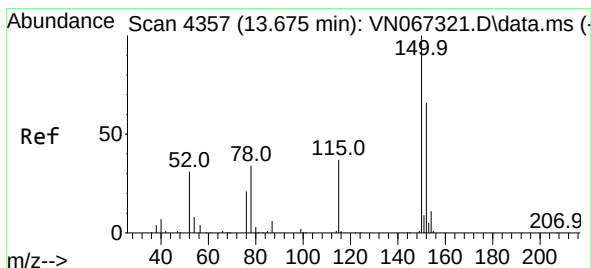
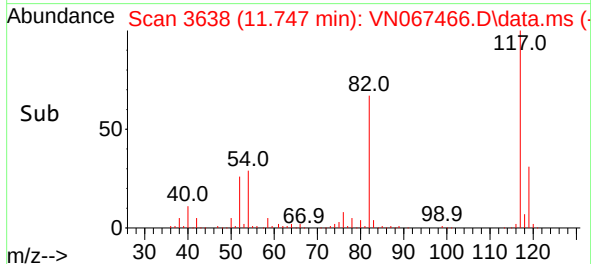
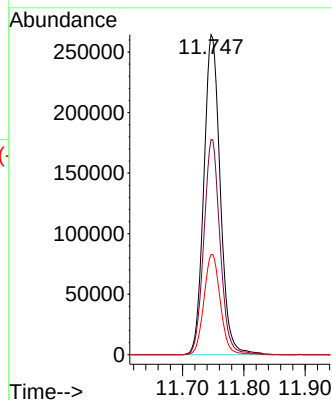
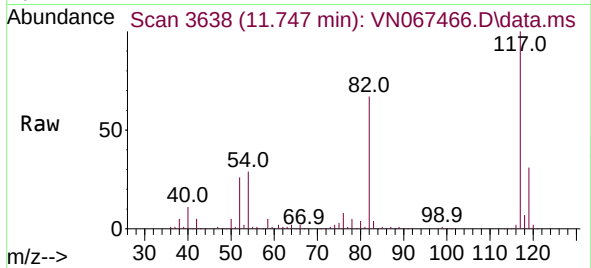




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

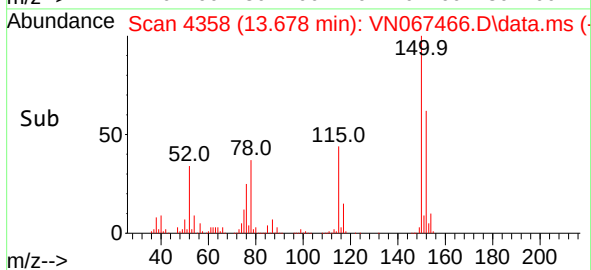
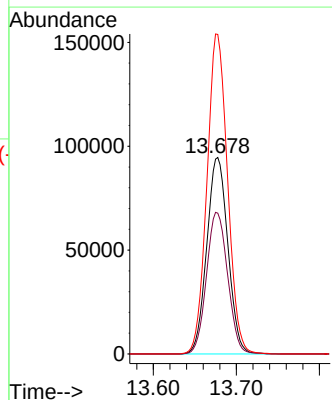
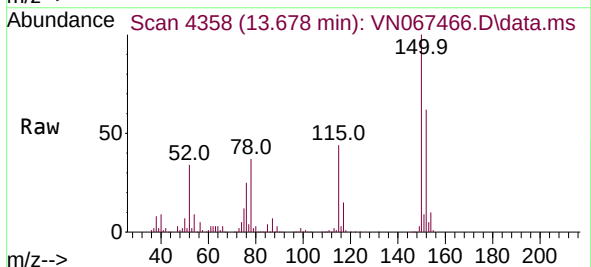
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

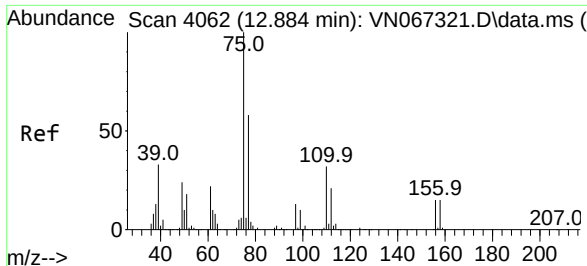
Tgt Ion:	117	Resp:	491091
Ion	Ratio	Lower	Upper
117	100		
82	67.2	53.1	79.7
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion:	152	Resp:	167104
Ion	Ratio	Lower	Upper
152	100		
115	72.2	36.1	108.5
150	158.7	0.0	351.8

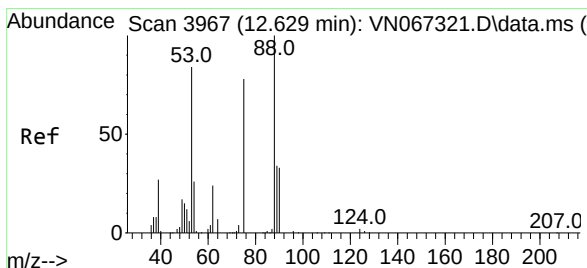
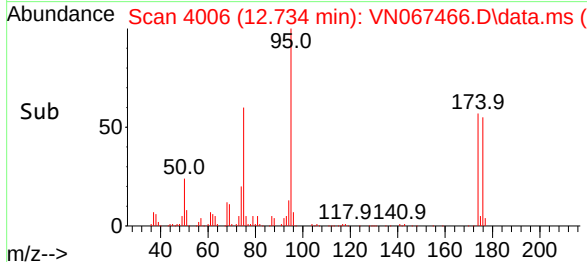
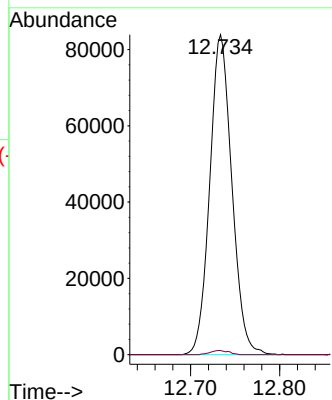
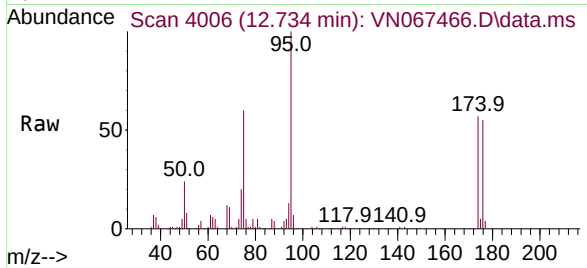




#76
1,2,3-Trichloropropane
Concen: 33.357 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

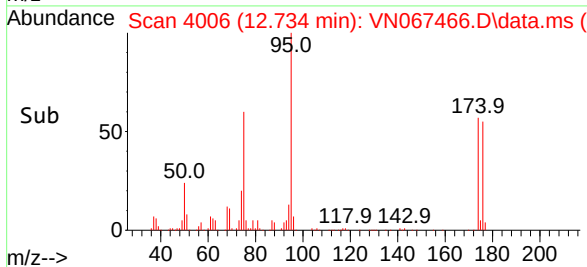
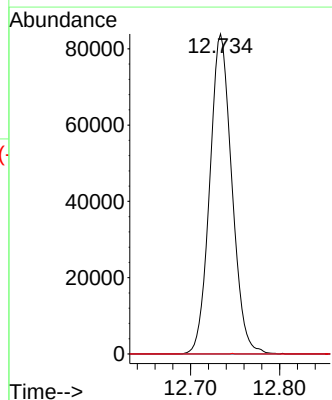
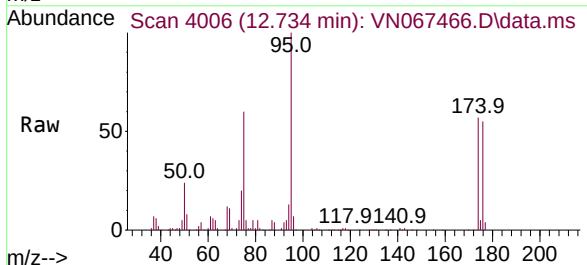
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

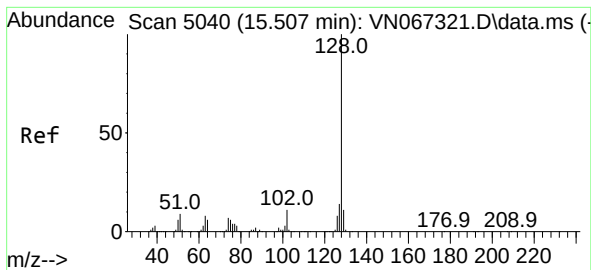
Tgt Ion: 75 Resp: 144748
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.668 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Tgt Ion: 75 Resp: 144748
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.704 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067466.D
Acq: 23 Jun 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20210621

Tgt Ion:128 Resp: 1037
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

