

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068243.D
 Acq On : 20 Aug 2021 14:22
 Operator : JC/MD
 Sample : M3503-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20210819

Quant Time: Aug 20 23:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

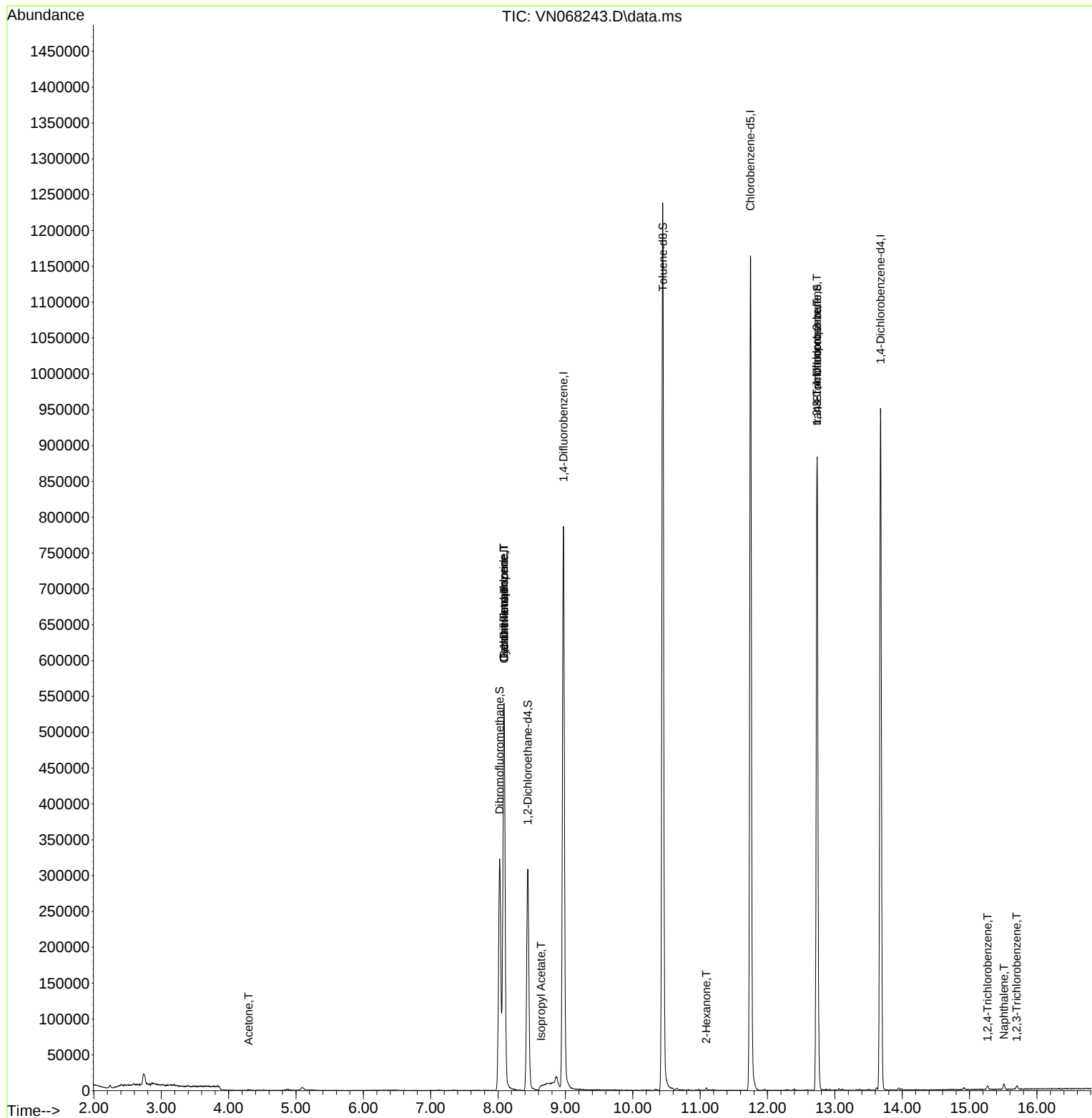
Internal Standards						
1) Pentafluorobenzene	8.088	168	456094	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	768551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	762940	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	289530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	267455	54.921	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.840%			
35) Dibromofluoromethane	8.024	113	239246	49.583	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.160%			
50) Toluene-d8	10.446	98	927566	50.451	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.736	95	296424	48.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.860%			
Target Compounds						
5) Bromomethane	2.880	94	2143	Below Cal		83
6) Chloroethane	3.092	64	27	Below Cal	#	44
13) Acrolein	4.036	56	52	Below Cal	#	14
16) Acetone	4.296	43	1012	0.712	ug/l #	82
18) Methyl Acetate	4.873	43	2114	Below Cal	#	79
20) Methylene Chloride	5.085	84	1549	Below Cal	#	76
31) Cyclohexane	8.091	56	8045	1.254	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	29901	4.759	ug/l #	51
38) Carbon Tetrachloride	8.086	117	42858	5.915	ug/l #	17
43) Isopropyl Acetate	8.638	43	3785	0.441	ug/l #	58
59) 2-Hexanone	11.092	43	2651	0.725	ug/l	87
76) 1,2,3-Trichloropropane	12.734	75	153157	31.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	153157	104.268	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	2012	3.079	ug/l	94
95) Naphthalene	15.509	128	7397	3.952	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.700	180	2404	3.326	ug/l	83

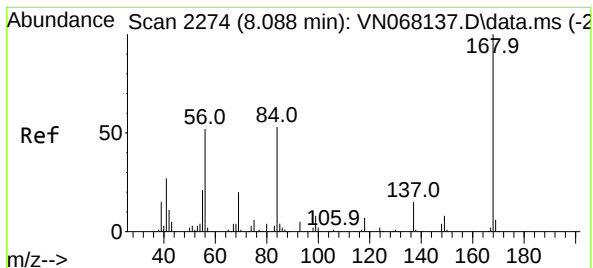
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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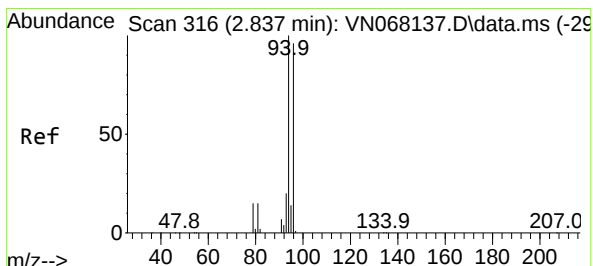
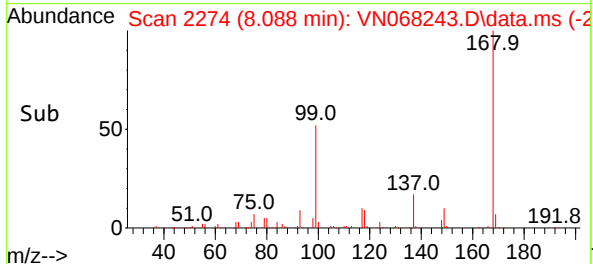
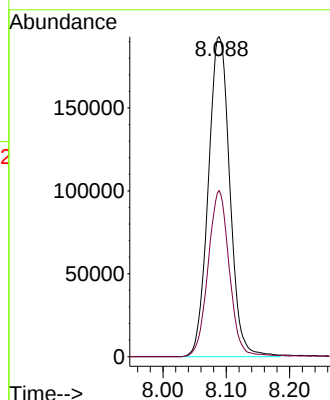
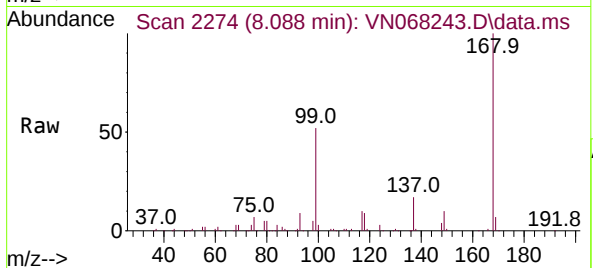




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

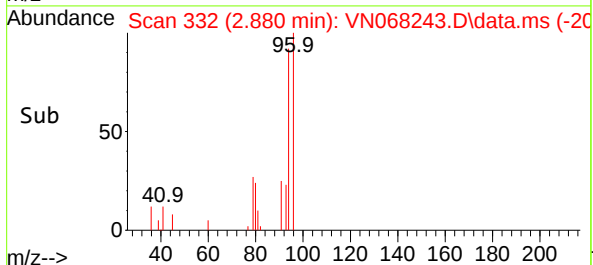
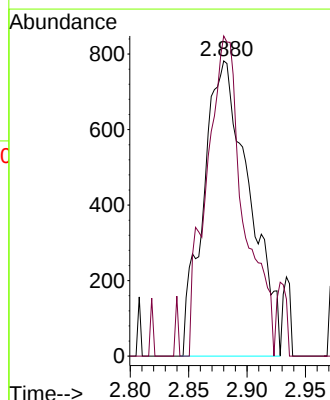
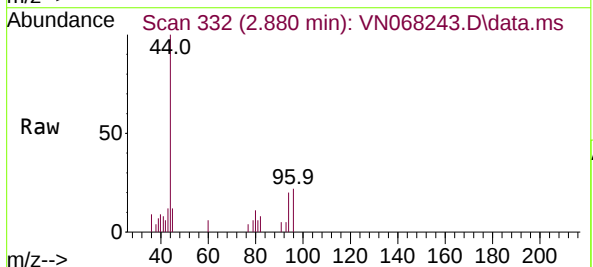
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

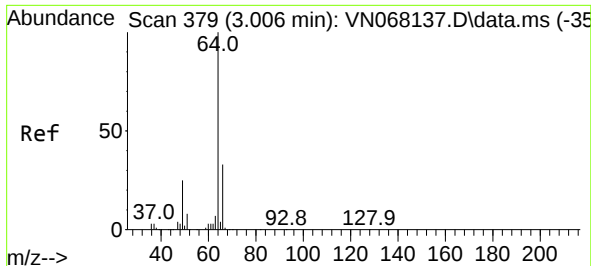
Tgt Ion:168 Resp: 456094
Ion Ratio Lower Upper
168 100
99 51.9 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 94 Resp: 2143
Ion Ratio Lower Upper
94 100
96 108.4 73.7 110.5

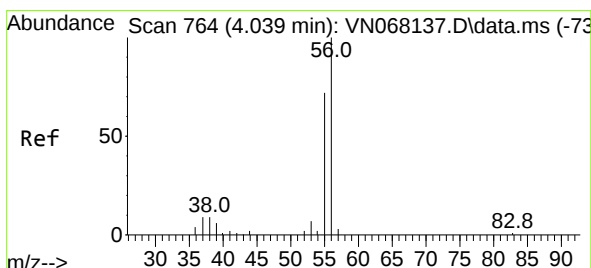
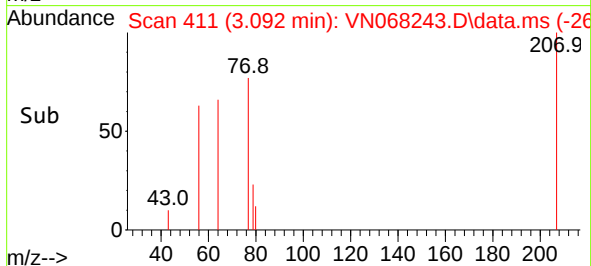
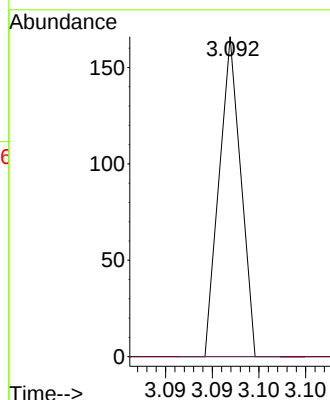
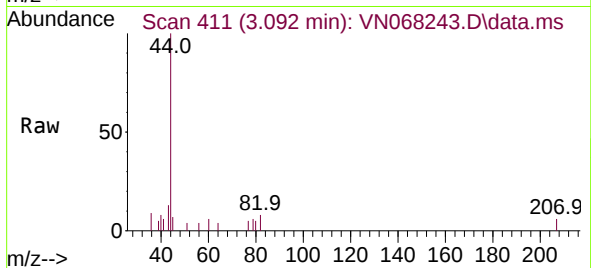




#6
Chloroethane
Concen: Below Cal
RT: 3.092 min Scan# 411
Delta R.T. 0.086 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

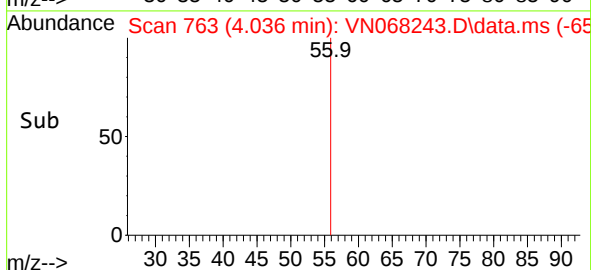
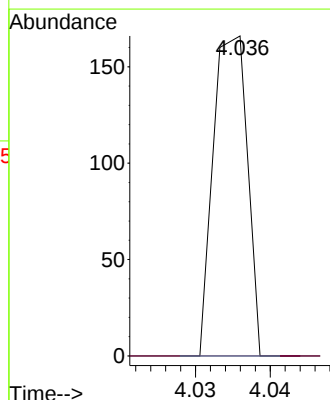
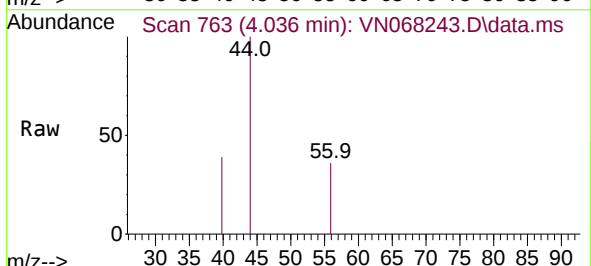
Instrument :
MSVOA_N
ClientSampleId :
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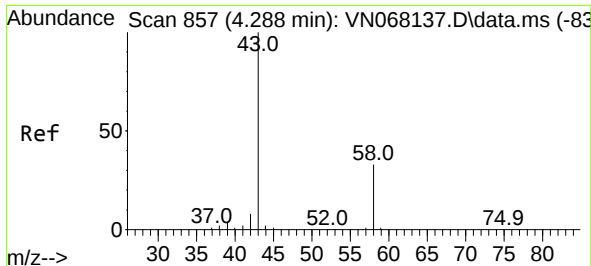
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

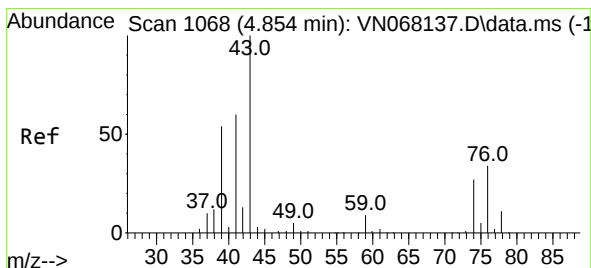
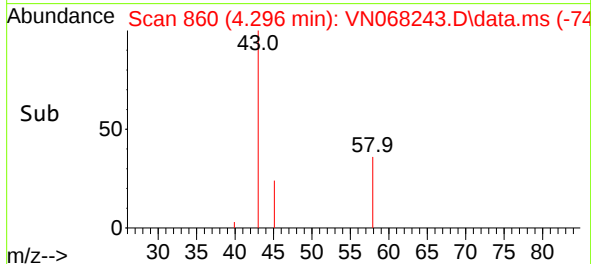
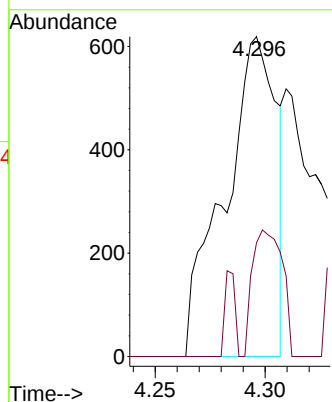
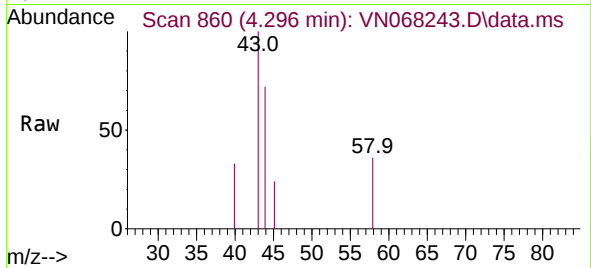




#16
Acetone
Concen: 0.712 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

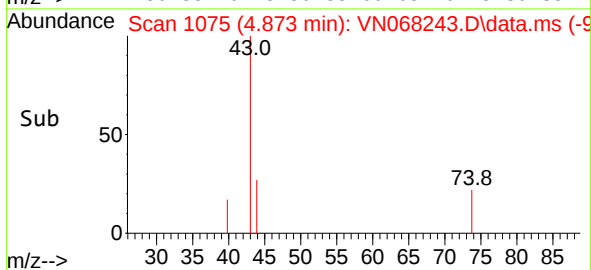
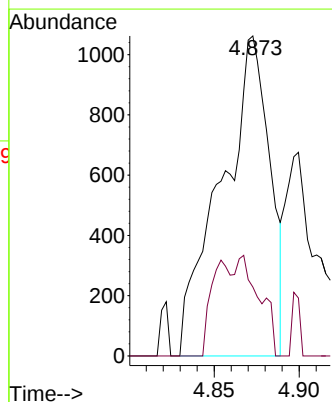
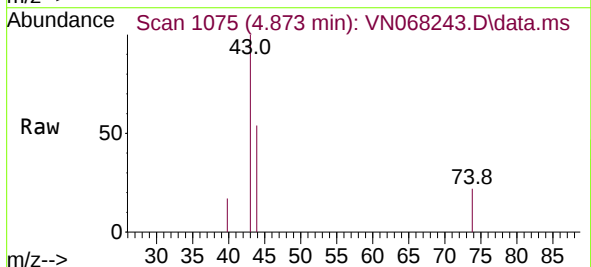
Instrument :
MSVOA_N
ClientSampled :
TB01-20210819

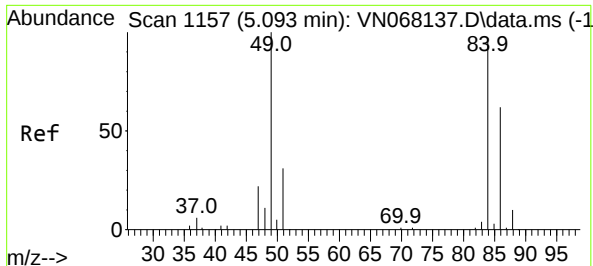
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 35.5 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.873 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
74 12.0 17.4 26.0#

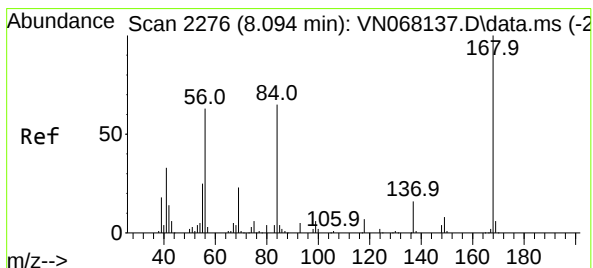
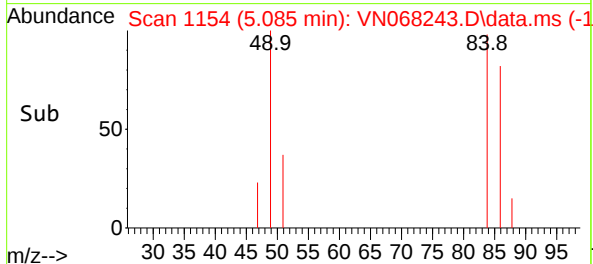
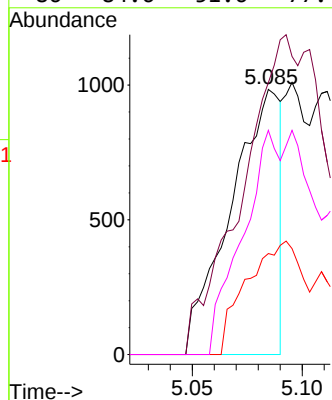
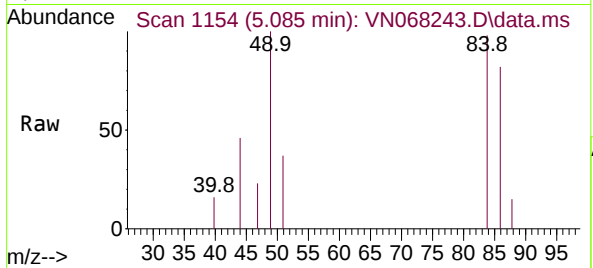




#20
Methylene Chloride
Concen: Below Cal
RT: 5.085 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

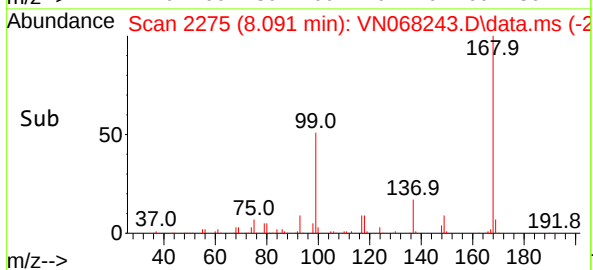
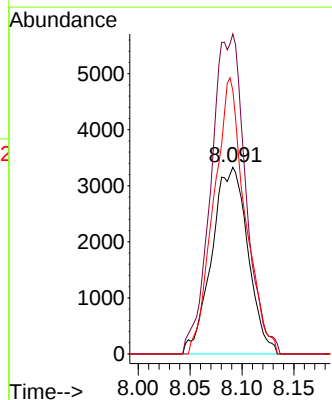
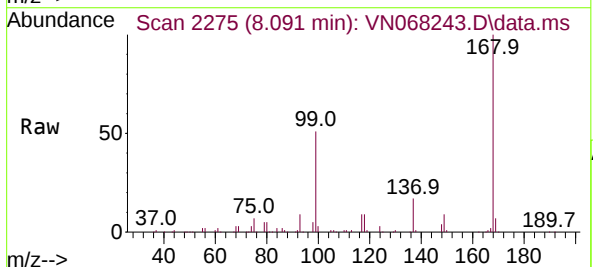
Instrument :
MSVOA_N
ClientSampled :
TB01-20210819

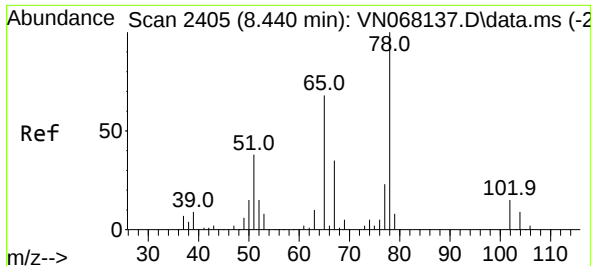
Tgt Ion:	84	Resp:	1549
Ion	Ratio	Lower	Upper
84	100		
49	102.5	110.9	166.3#
51	38.1	32.6	49.0
86	84.6	51.6	77.4#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion:	56	Resp:	8045
Ion	Ratio	Lower	Upper
56	100		
69	171.4	27.3	40.9#
84	141.1	64.9	97.3#

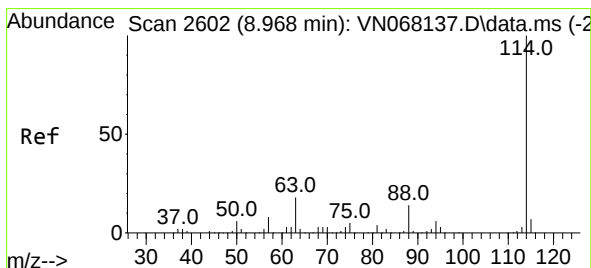
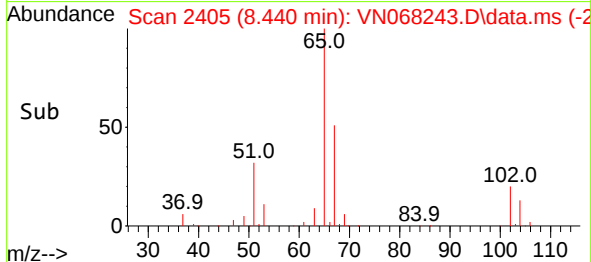
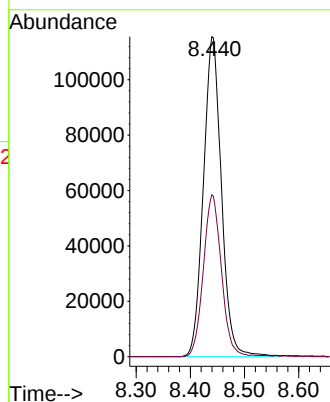
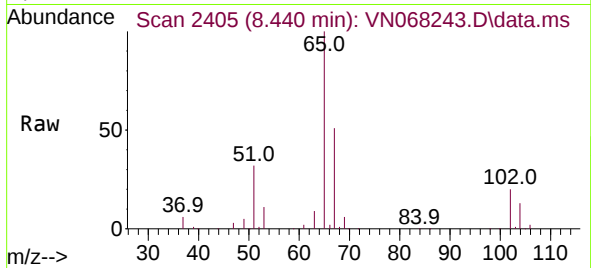




#33
 1,2-Dichloroethane-d4
 Concen: 54.921 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068243.D
 Acq: 20 Aug 2021 14:22

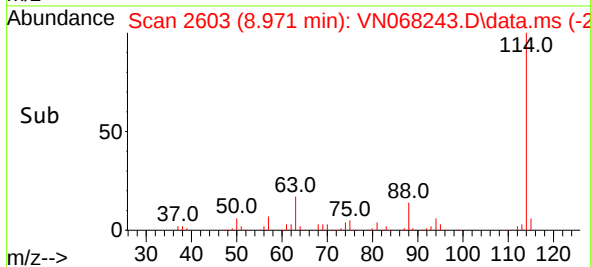
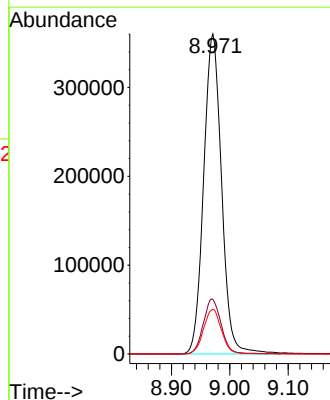
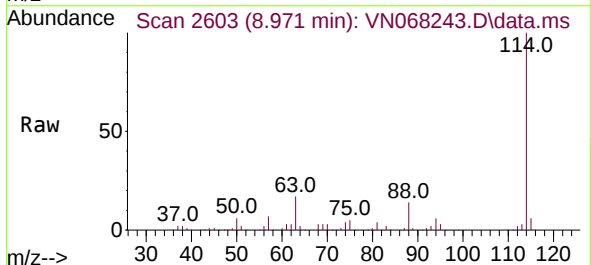
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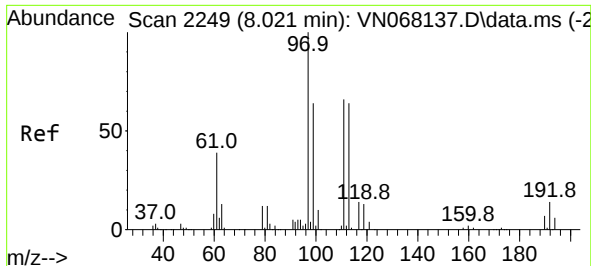
Tgt Ion: 65 Resp: 267455
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068243.D
 Acq: 20 Aug 2021 14:22

Tgt Ion: 114 Resp: 768551
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 49.0
 88 13.9 0.0 36.6

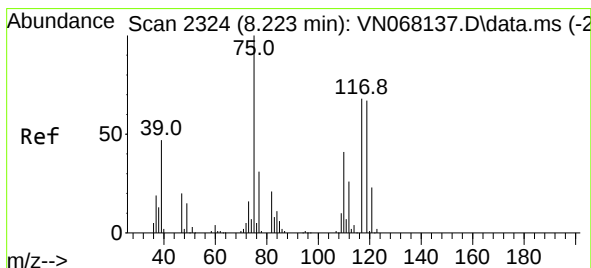
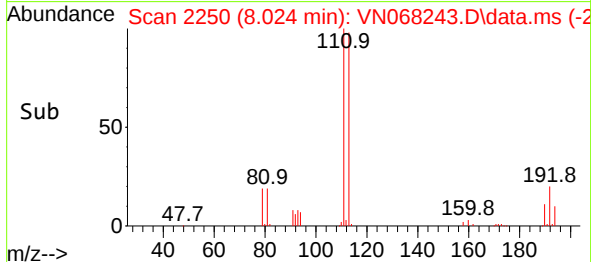
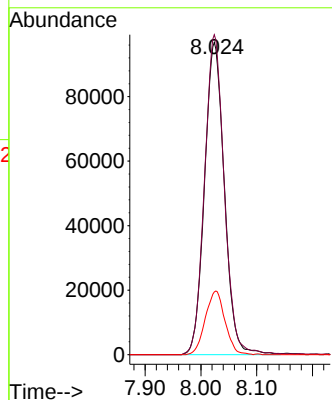
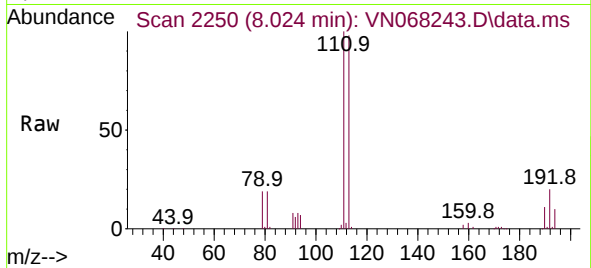




#35
Dibromofluoromethane
Concen: 49.583 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

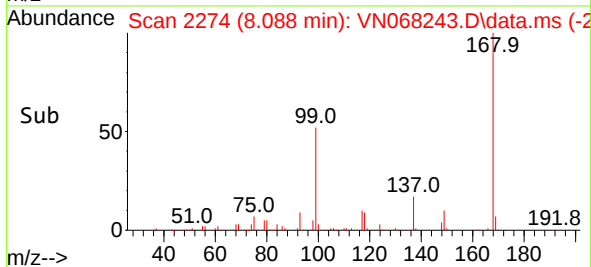
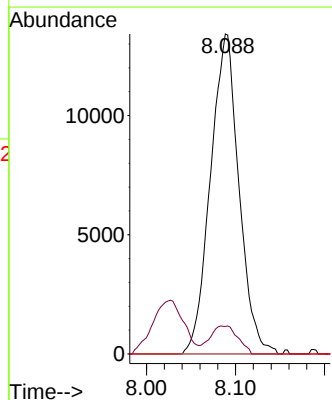
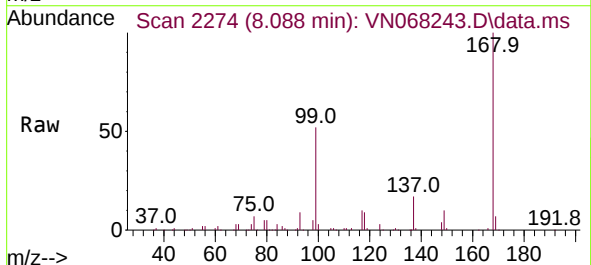
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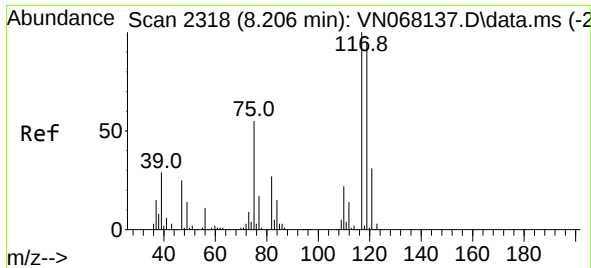
Tgt Ion:113 Resp: 239246
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.8
192 20.2 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

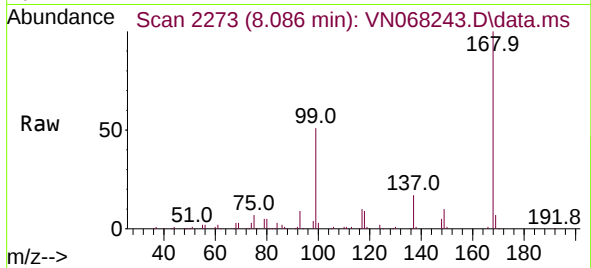
Tgt Ion: 75 Resp: 29901
Ion Ratio Lower Upper
75 100
110 8.6 15.7 47.0#
77 0.0 24.6 37.0#



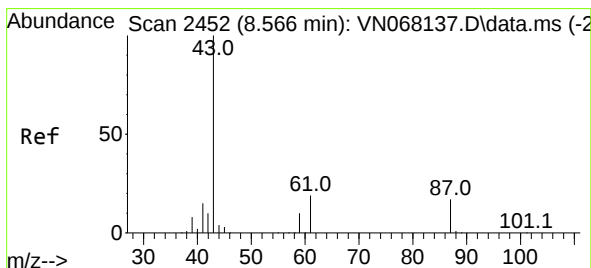
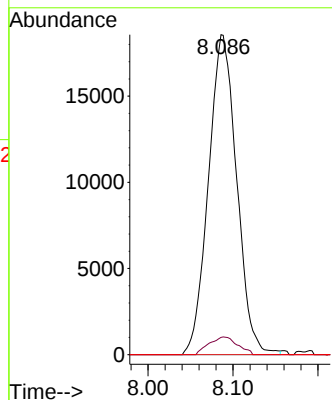
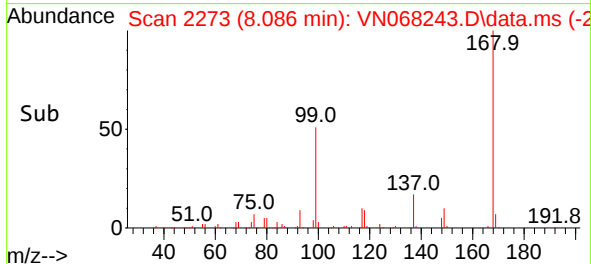


#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

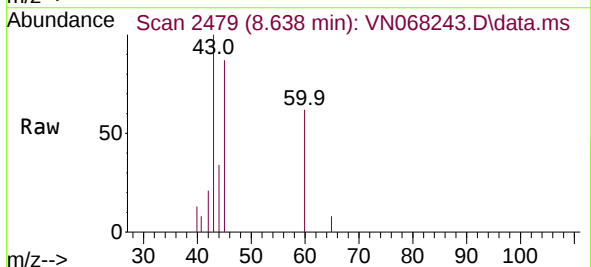
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819



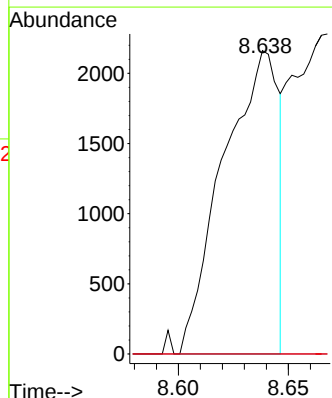
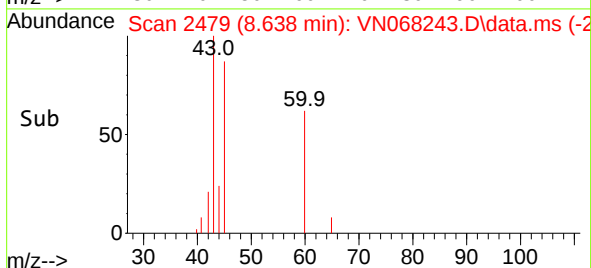
Tgt Ion:117 Resp: 42858
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#

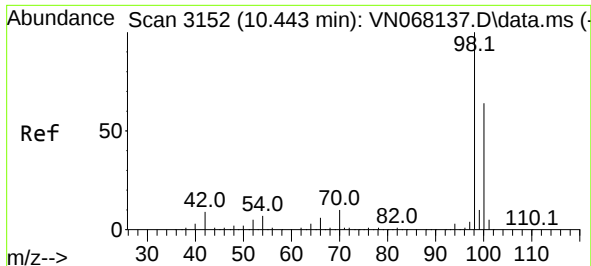


#43
Isopropyl Acetate
Concen: 0.441 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.072 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22



Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

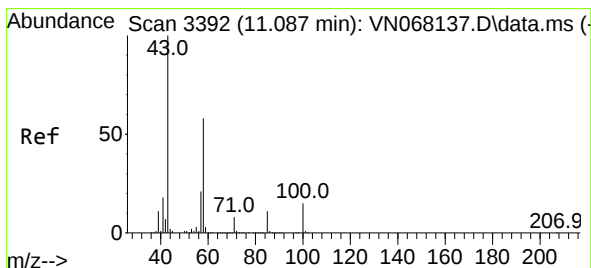
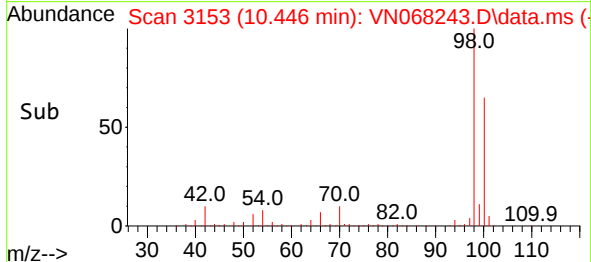
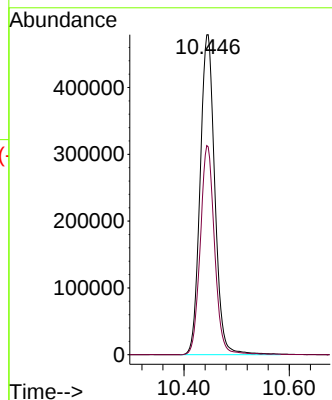
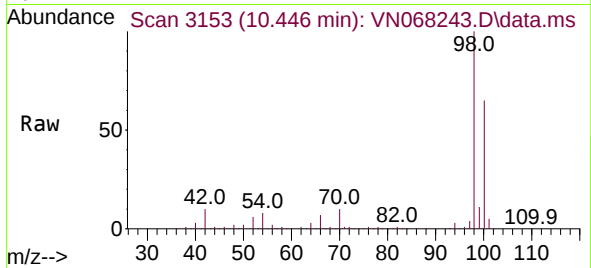




#50
Toluene-d8
Concen: 50.451 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

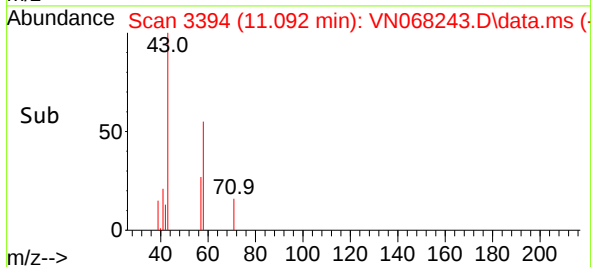
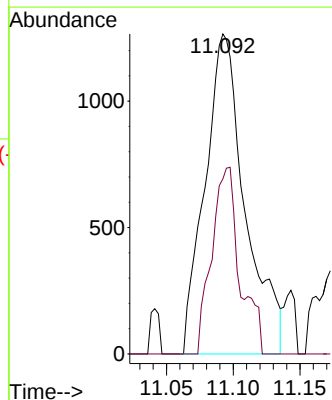
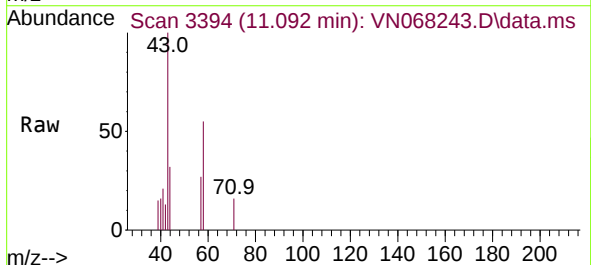
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

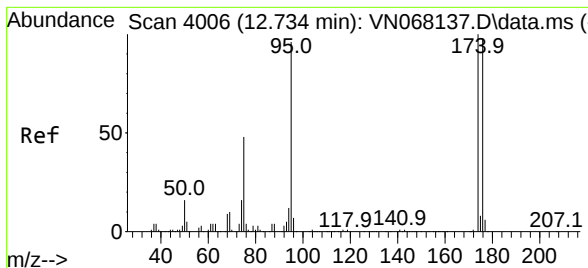
Tgt Ion: 98 Resp: 927566
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#59
2-Hexanone
Concen: 0.725 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 40.7 24.7 74.1

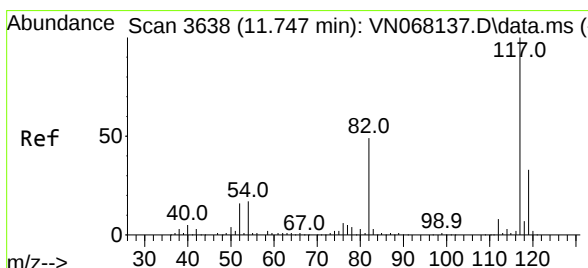
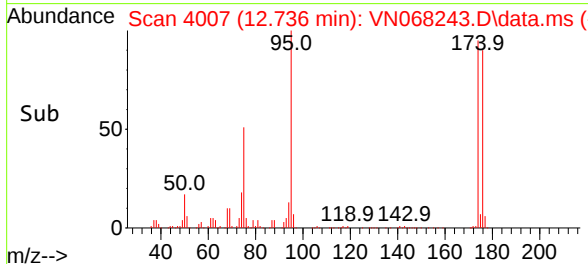
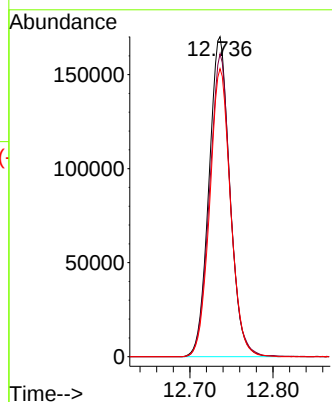
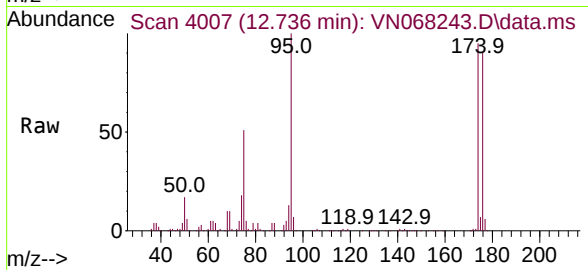




#62
4-Bromofluorobenzene
Concen: 48.432 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

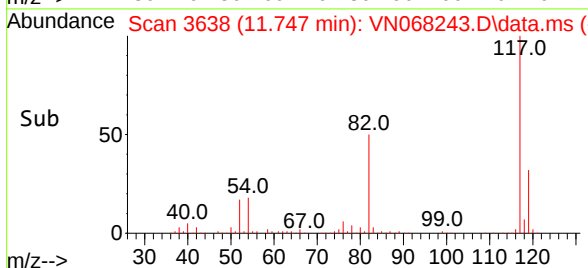
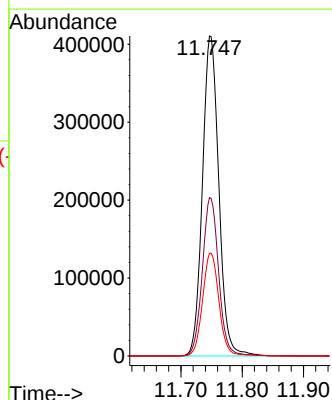
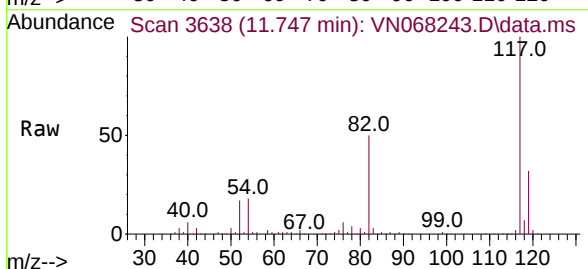
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

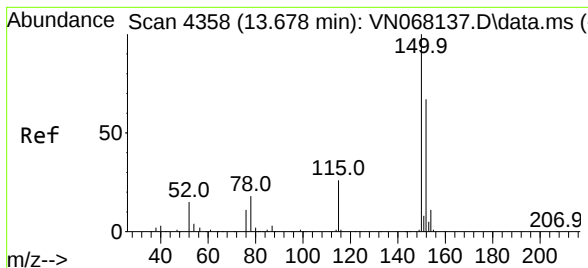
Tgt Ion: 95 Resp: 296424
Ion Ratio Lower Upper
95 100
174 94.7 0.0 122.0
176 90.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 117 Resp: 762940
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 32.0 25.5 38.3

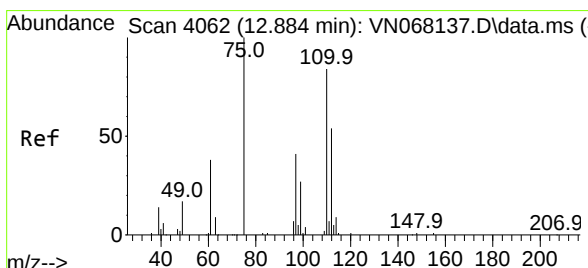
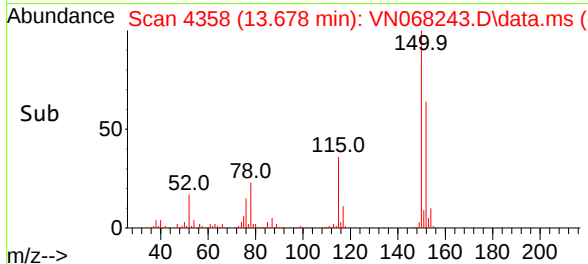
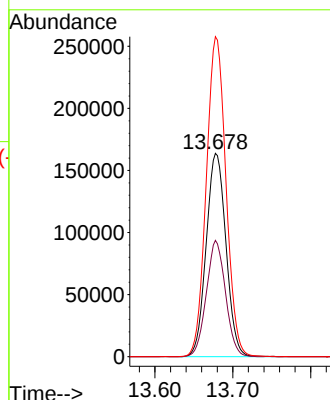
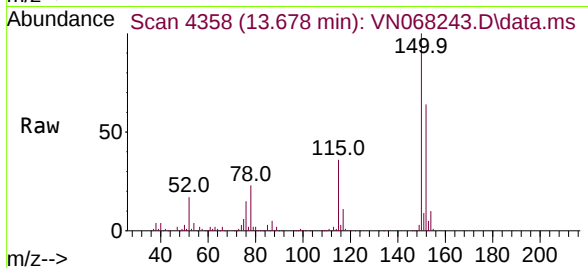




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

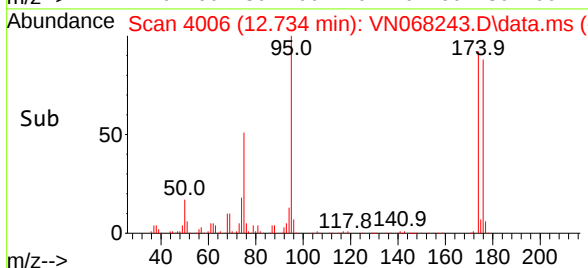
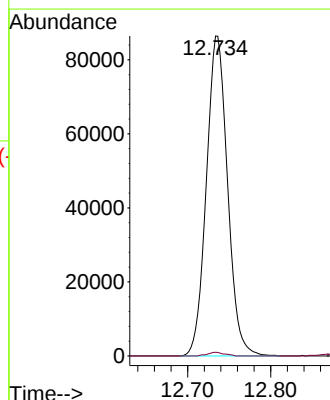
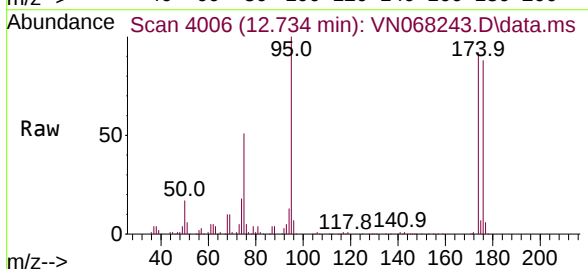
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

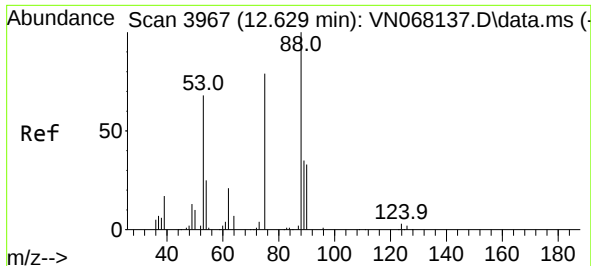
Tgt Ion:152 Resp: 289530
Ion Ratio Lower Upper
152 100
115 55.3 36.1 108.5
150 156.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 31.826 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion: 75 Resp: 153157
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

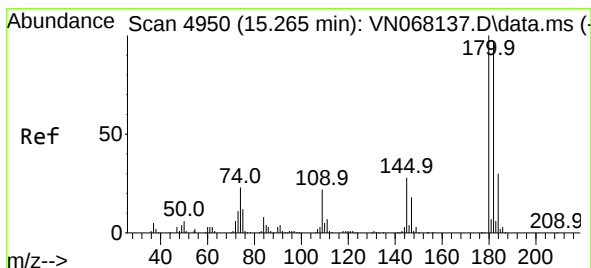
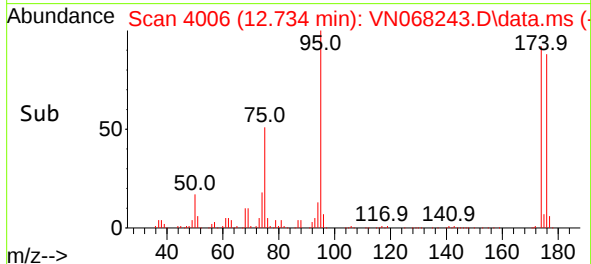
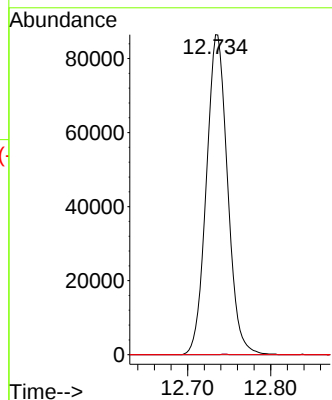
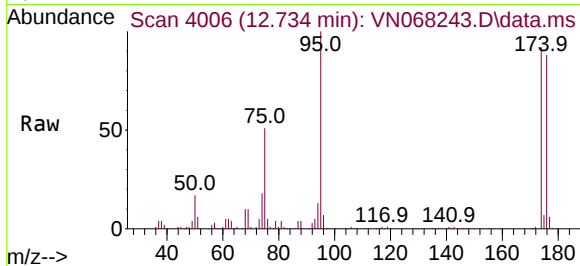




#81
trans-1,4-Dichloro-2-butene
Concen: 104.268 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

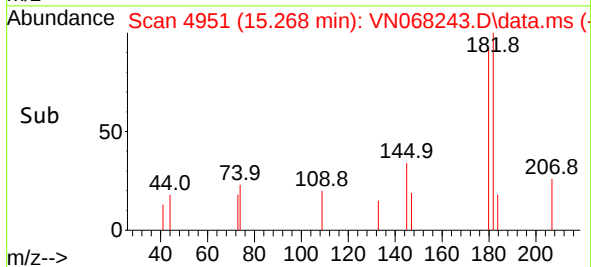
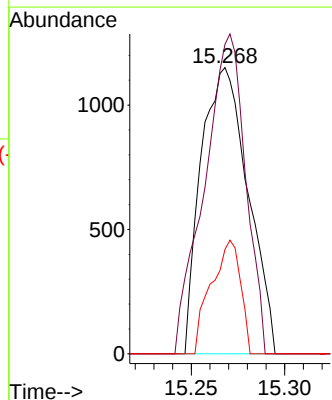
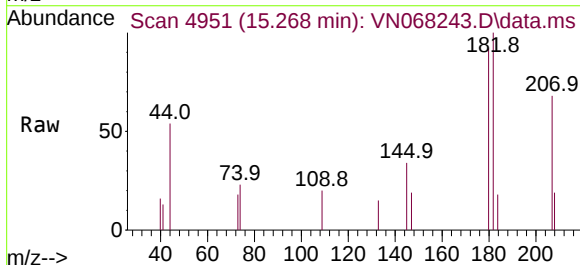
Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

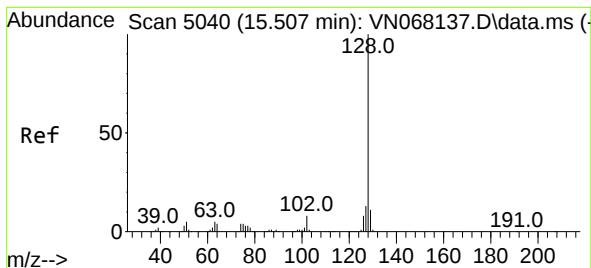
Tgt Ion: 75 Resp: 153157
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.079 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion:180 Resp: 2012
Ion Ratio Lower Upper
180 100
182 97.7 47.5 142.5
145 24.8 17.2 51.6

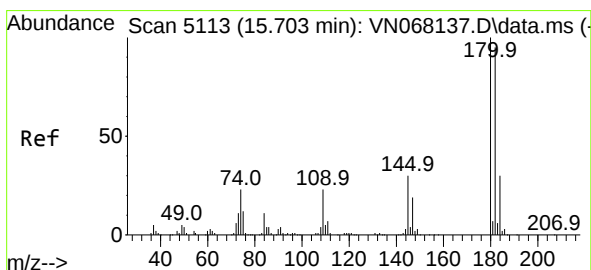
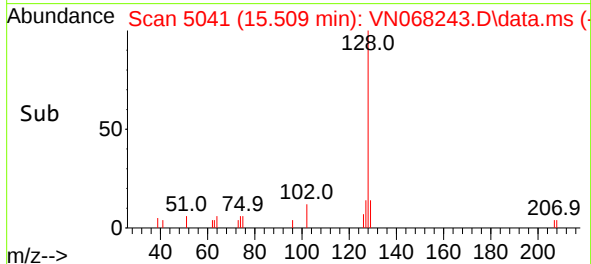
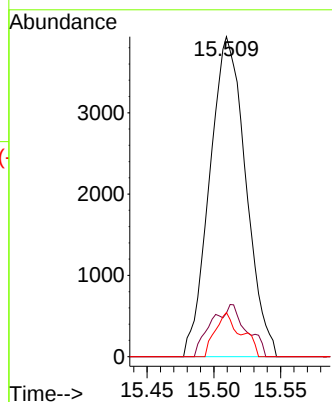
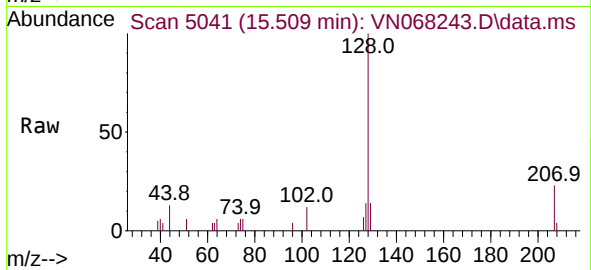




#95
Naphthalene
Concen: 3.952 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
TB01-20210819

Tgt Ion:128 Resp: 7397
Ion Ratio Lower Upper
128 100
127 15.9 10.6 15.8#
129 7.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.326 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068243.D
Acq: 20 Aug 2021 14:22

Tgt Ion:180 Resp: 2404
Ion Ratio Lower Upper
180 100
182 81.0 47.8 143.3
145 22.0 18.2 54.6

