

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068192.D
 Acq On : 18 Aug 2021 14:46
 Operator : JC/MD
 Sample : M3435-39
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Aug 19 03:06:52 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)

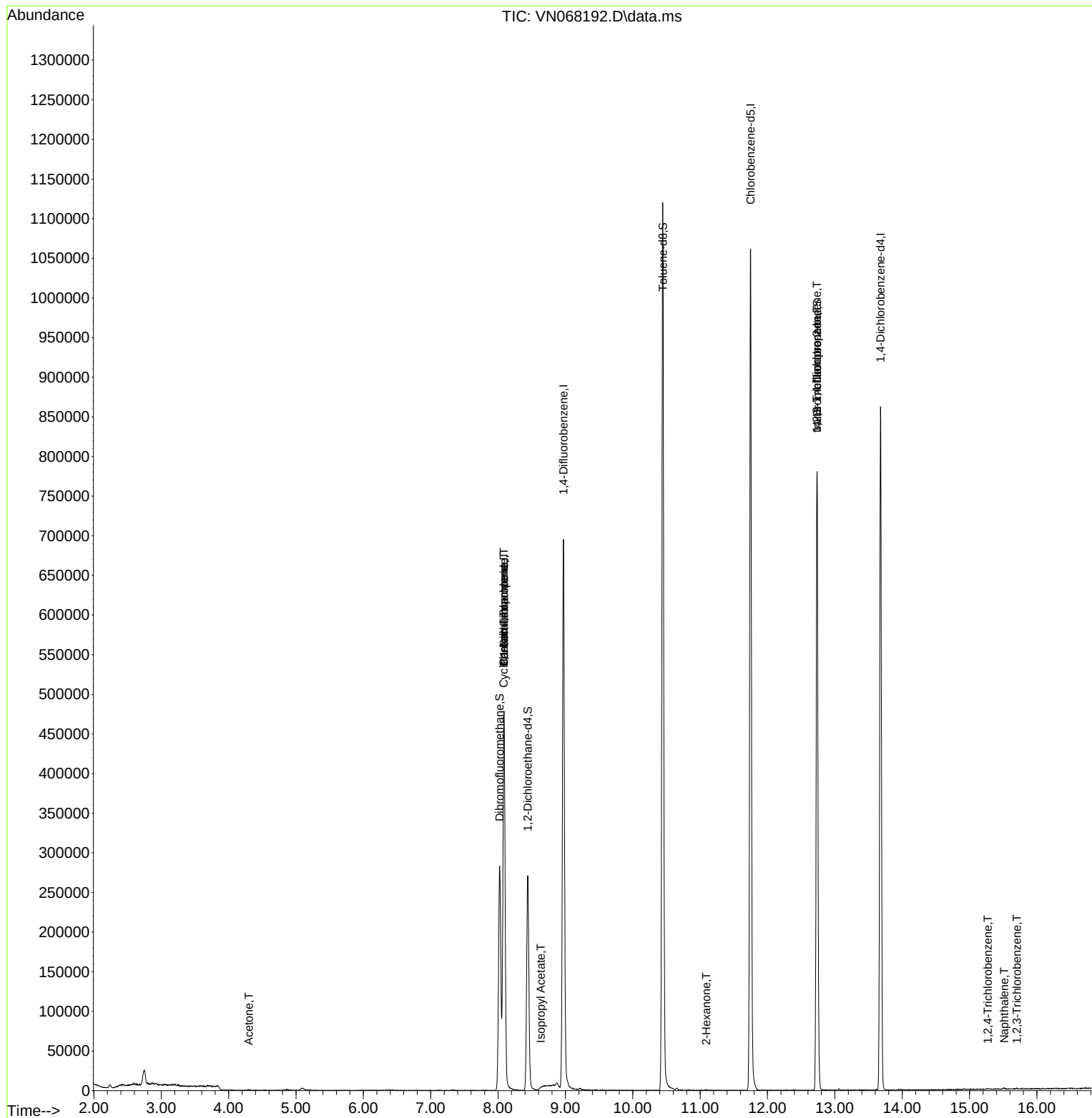
Internal Standards						
1) Pentafluorobenzene	8.088	168	398396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	663703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	680494	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	260975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229871	54.039	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.080%		
35) Dibromofluoromethane	8.024	113	205353	49.282	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.560%		
50) Toluene-d8	10.446	98	817811	51.508	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.020%		
62) 4-Bromofluorobenzene	12.736	95	269265	50.944	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.880%		
Target Compounds						
						Qvalue
5) Bromomethane	2.864	94	535	Below Cal		84
6) Chloroethane	3.009	64	59	Below Cal	#	44
13) Acrolein	4.044	56	214	Below Cal	#	14
16) Acetone	4.299	43	1301	1.048	ug/l #	48
18) Methyl Acetate	4.859	43	1046	Below Cal	#	59
20) Methylene Chloride	5.079	84	865	Below Cal	#	76
31) Cyclohexane	8.083	56	7180	1.281	ug/l #	18
36) 1,1-Dichloropropene	8.088	75	25402	4.682	ug/l #	52
38) Carbon Tetrachloride	8.088	117	37529	5.997	ug/l #	16
43) Isopropyl Acetate	8.633	43	1982	0.268	ug/l #	58
59) 2-Hexanone	11.092	43	693	0.219	ug/l	76
76) 1,2,3-Trichloropropane	12.733	75	135677	31.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	135677	102.474	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	423	2.777	ug/l #	82
95) Naphthalene	15.515	128	2261	3.550	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.702	180	465	2.937	ug/l #	81

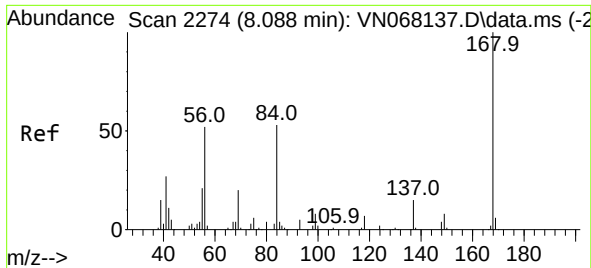
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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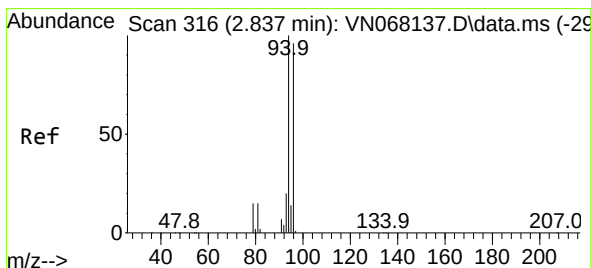
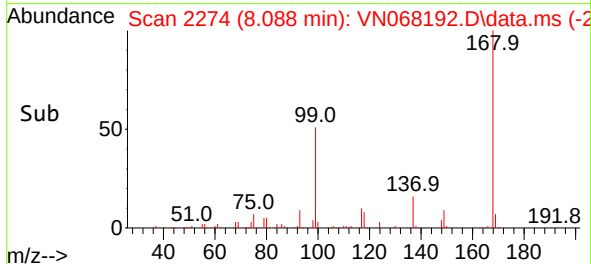
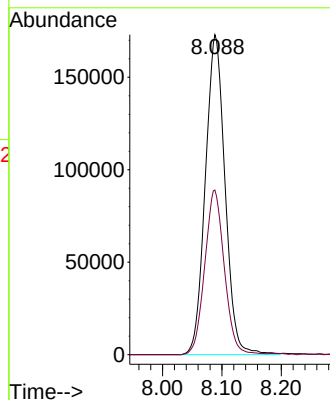
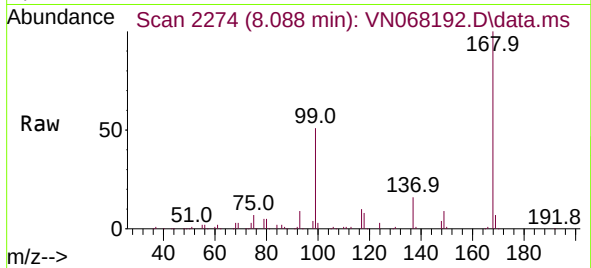




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

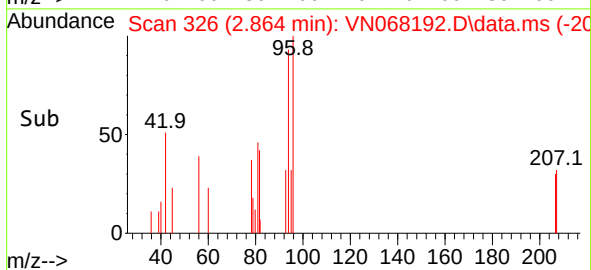
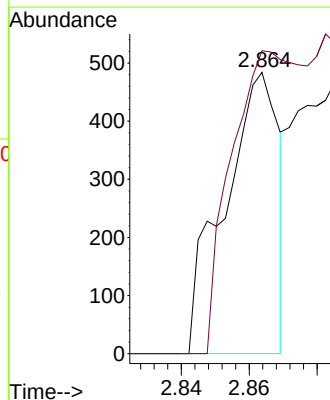
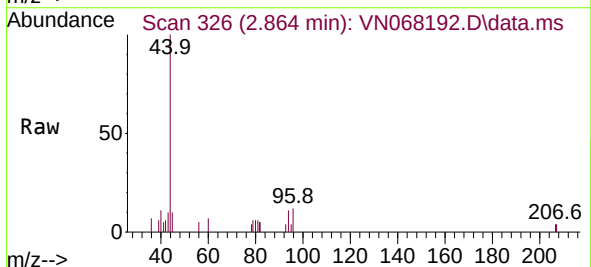
Instrument :
MSVOA_N
ClientSampleId :
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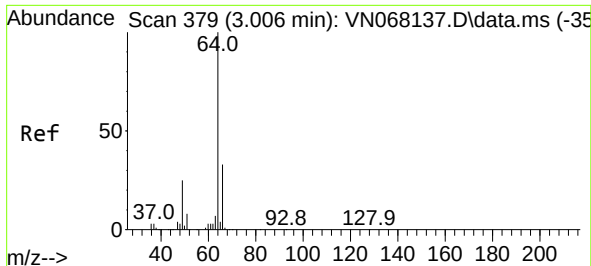
Tgt Ion:168 Resp: 398396
Ion Ratio Lower Upper
168 100
99 51.4 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.864 min Scan# 326
Delta R.T. 0.027 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 107.6 73.7 110.5

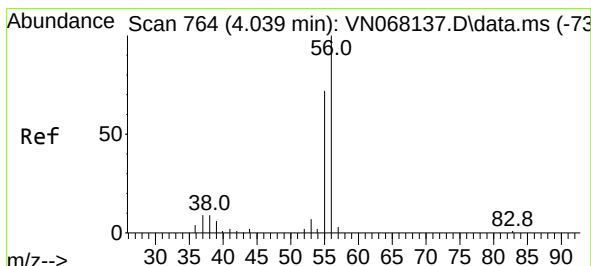
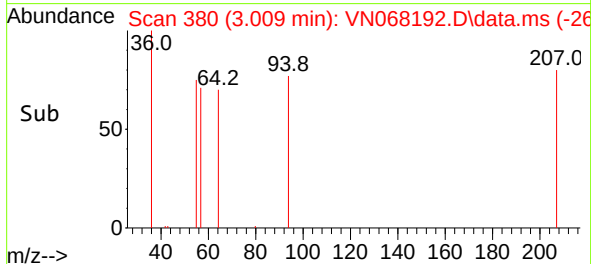
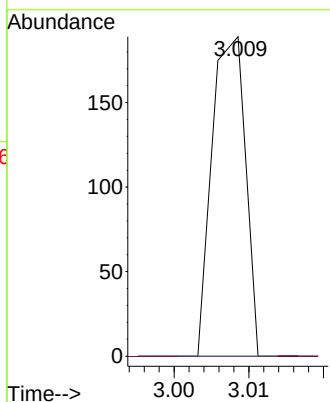
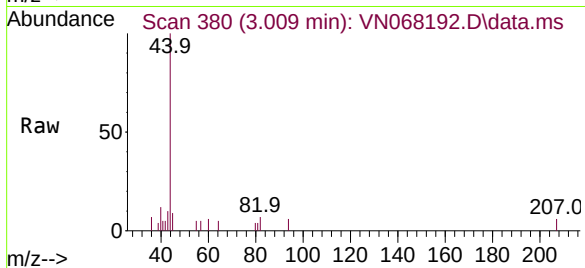




#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. 0.003 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

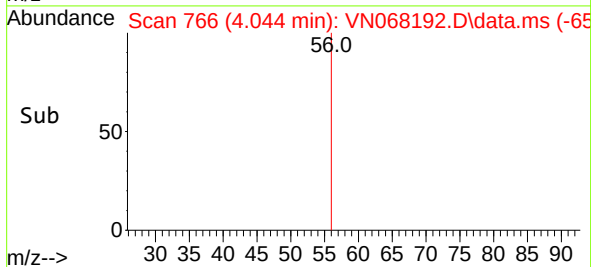
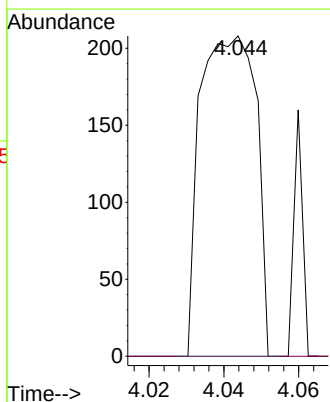
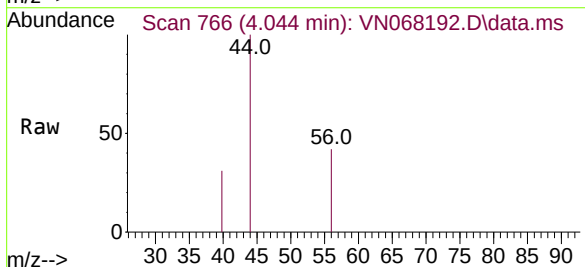
Instrument :
MSVOA_N
ClientSampleId :
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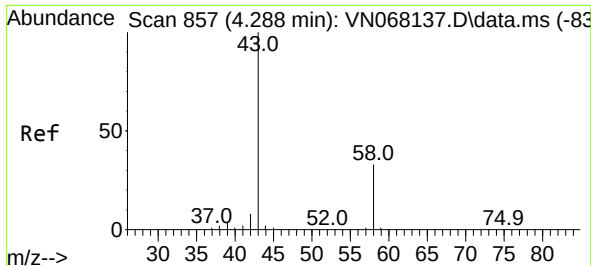
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

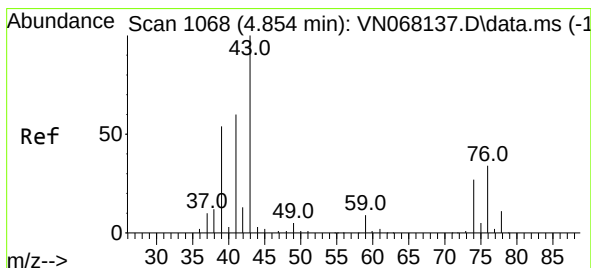
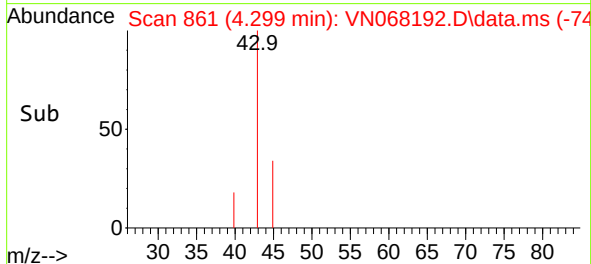
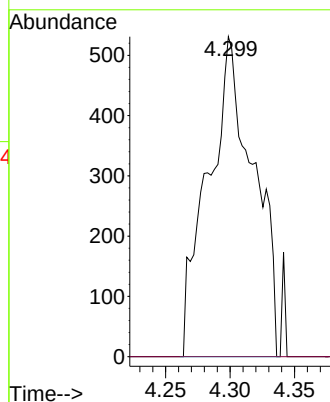
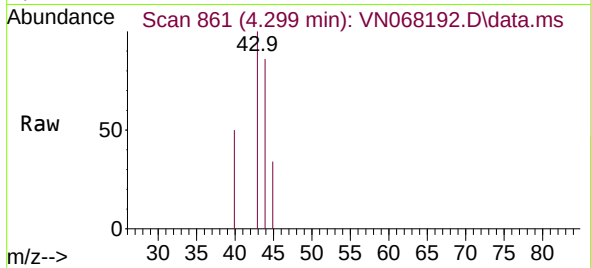




#16
Acetone
Concen: 1.048 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

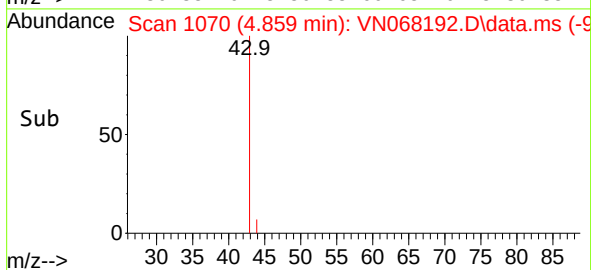
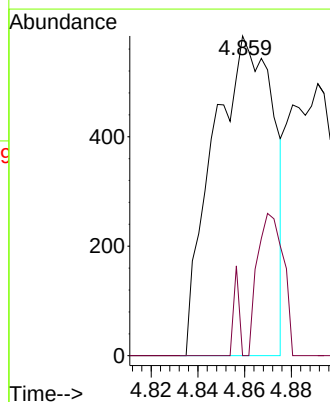
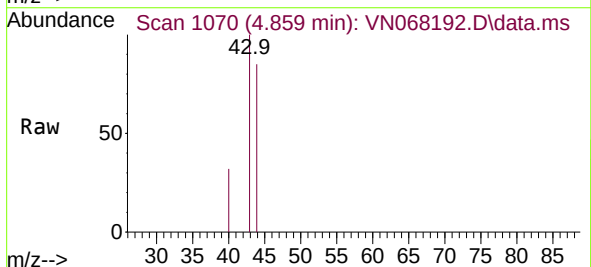
Instrument :
MSVOA_N
ClientSampleId :
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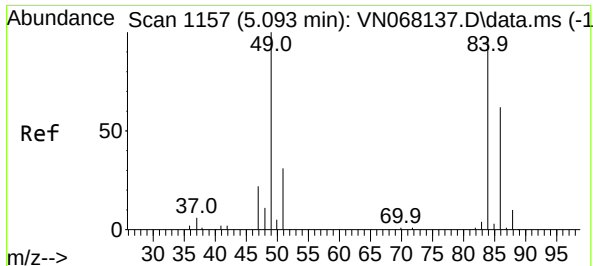
Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 2.5 17.4 26.0#

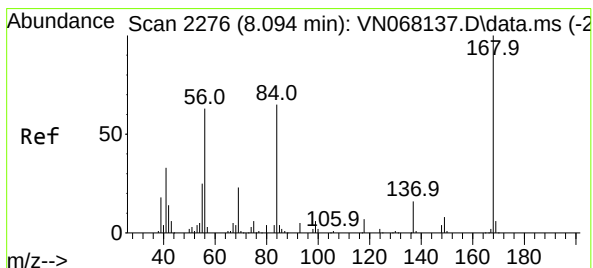
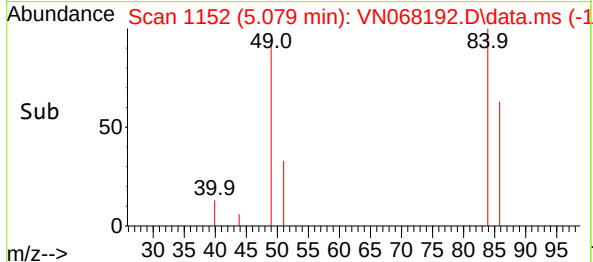
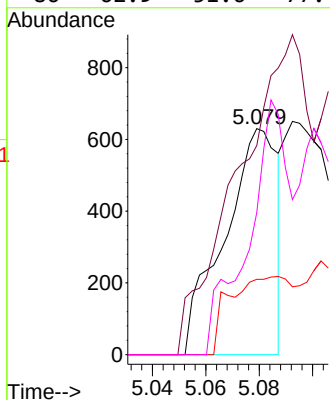
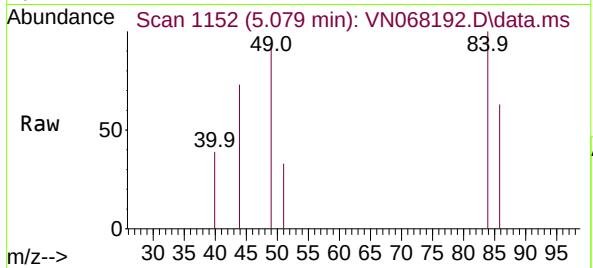




#20
Methylene Chloride
Concen: Below Cal
RT: 5.079 min Scan# 1152
Delta R.T. -0.014 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

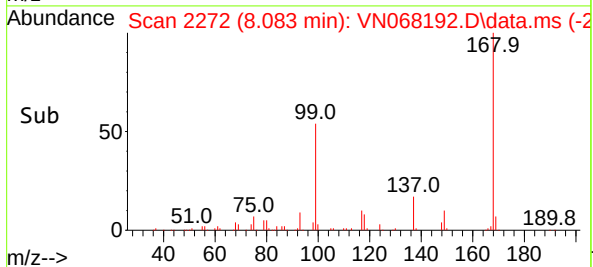
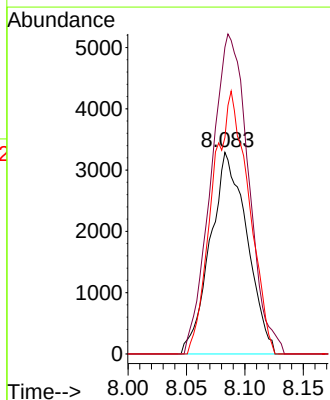
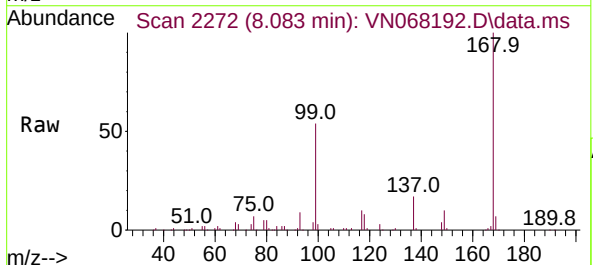
Instrument :
MSVOA_N
ClientSampleId :
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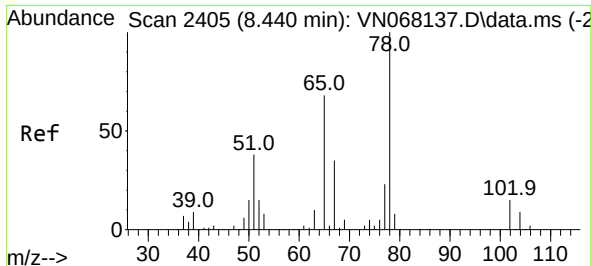
Tgt Ion:	84	Resp:	865
Ion	Ratio	Lower	Upper
84	100		
49	92.5	110.9	166.3#
51	33.3	32.6	49.0
86	62.9	51.6	77.4



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion:	56	Resp:	7180
Ion	Ratio	Lower	Upper
56	100		
69	152.1	27.3	40.9#
84	107.4	64.9	97.3#

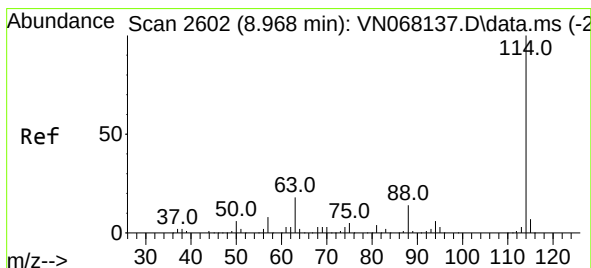
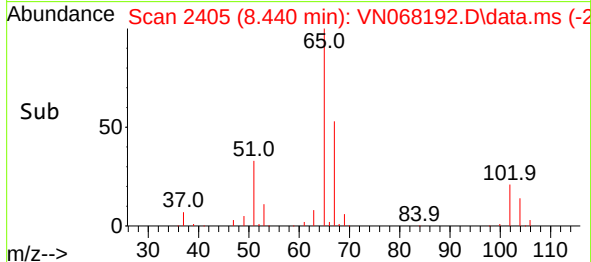
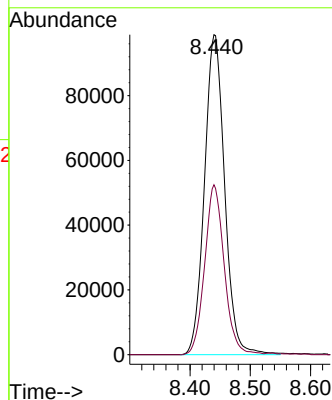
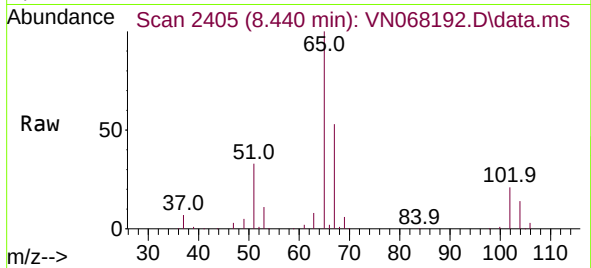




#33
 1,2-Dichloroethane-d4
 Concen: 54.039 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068192.D
 Acq: 18 Aug 2021 14:46

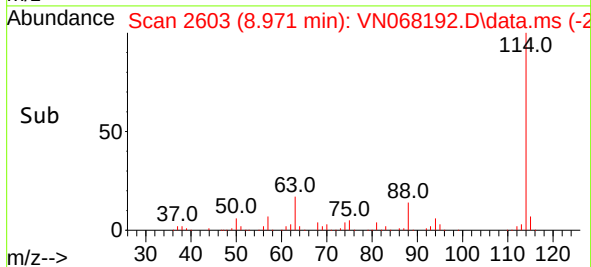
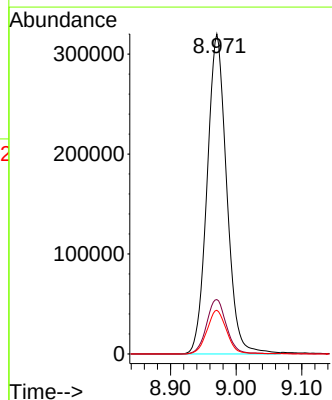
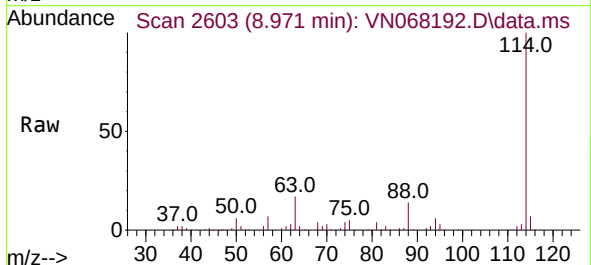
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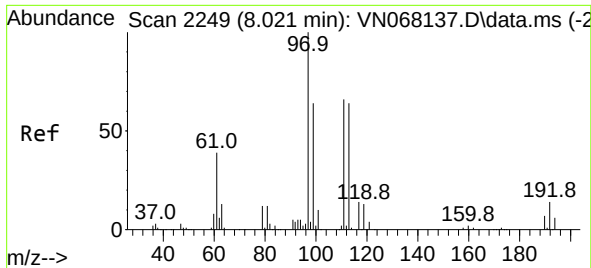
Tgt Ion: 65 Resp: 229871
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068192.D
 Acq: 18 Aug 2021 14:46

Tgt Ion: 114 Resp: 663703
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 49.0
 88 13.6 0.0 36.6

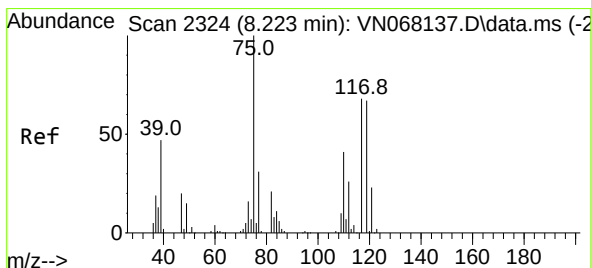
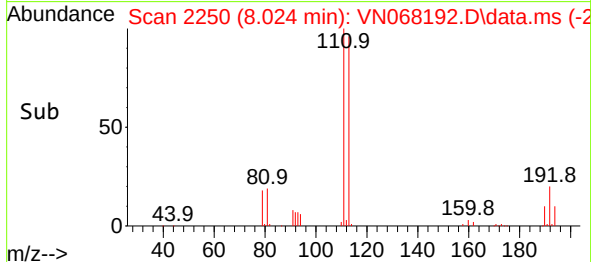
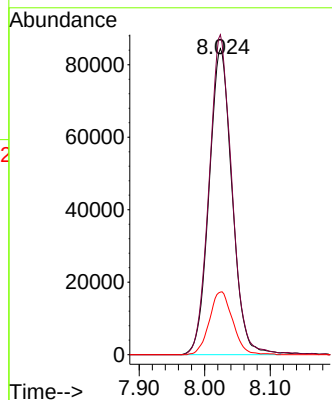
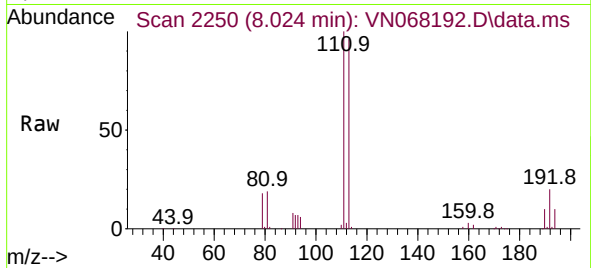




#35
Dibromofluoromethane
Concen: 49.282 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

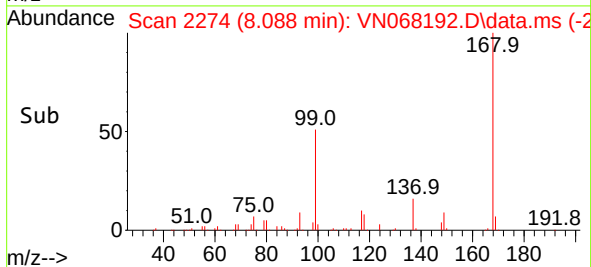
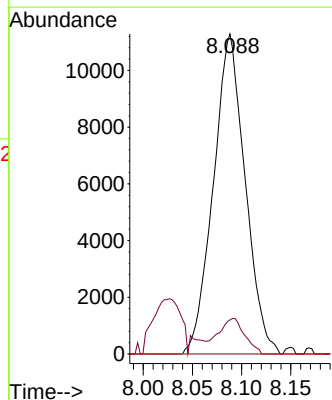
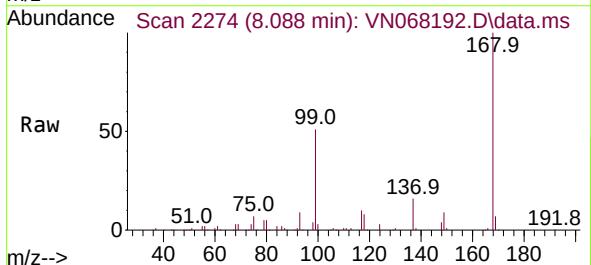
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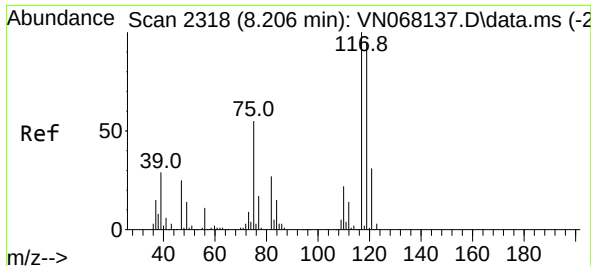
Tgt Ion:113 Resp: 205353
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 20.7 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 75 Resp: 25402
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#

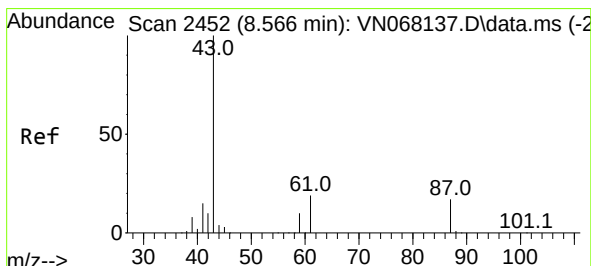
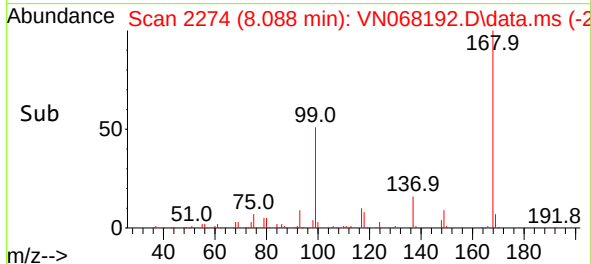
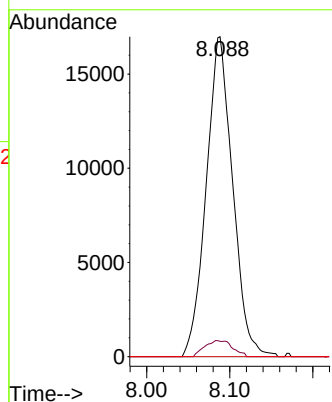
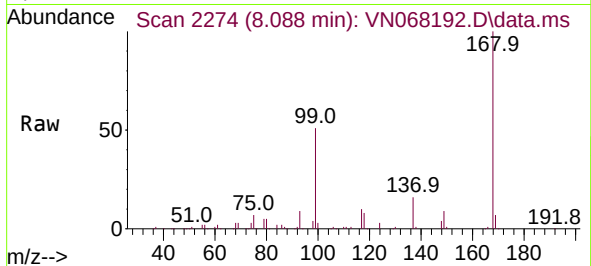




#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

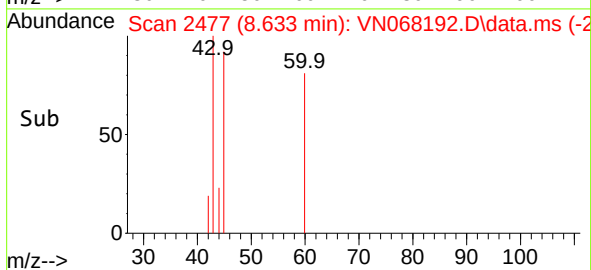
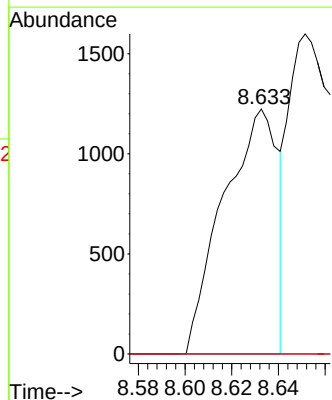
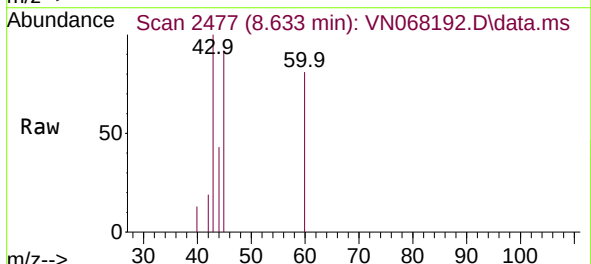
Instrument :
MSVOA_N
ClientSampled :
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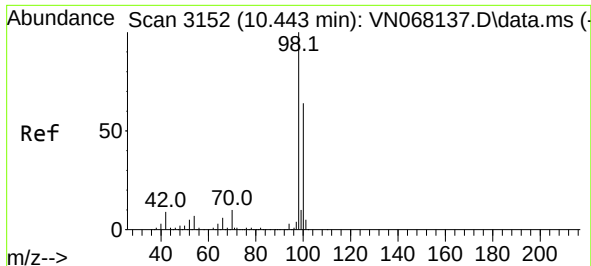
Tgt Ion:117 Resp: 37529
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.268 ug/l
RT: 8.633 min Scan# 2477
Delta R.T. 0.067 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

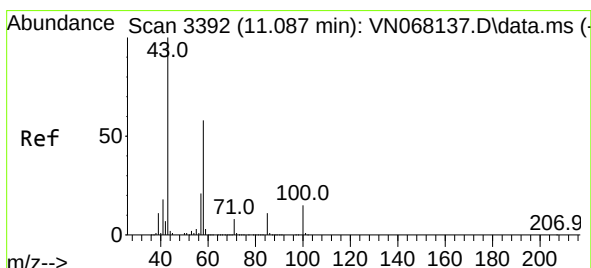
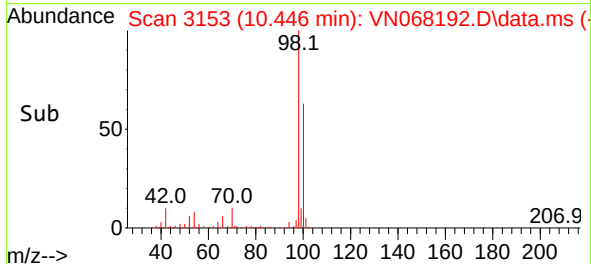
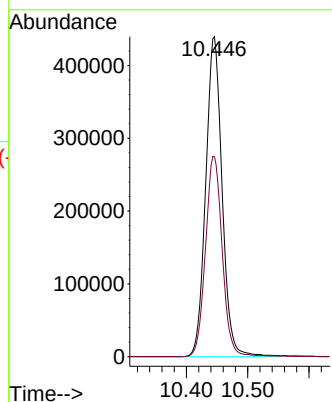
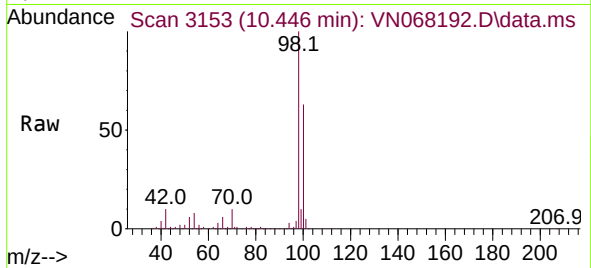




#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

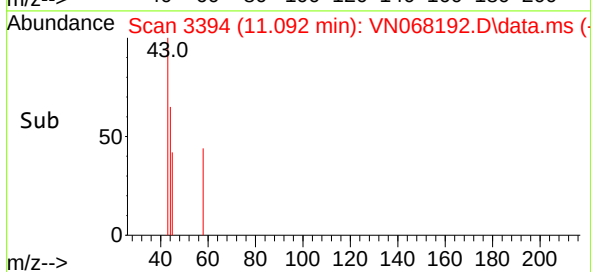
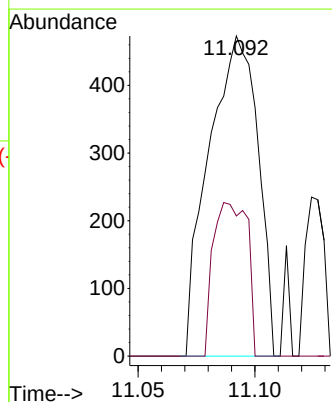
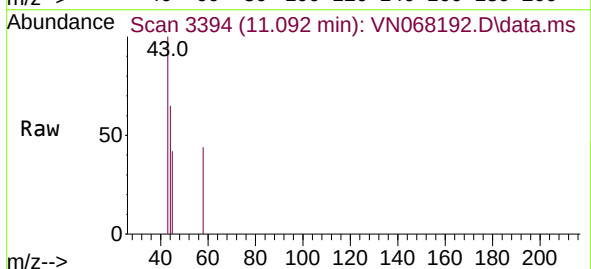
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MSVOA_N
ClientSampleId :
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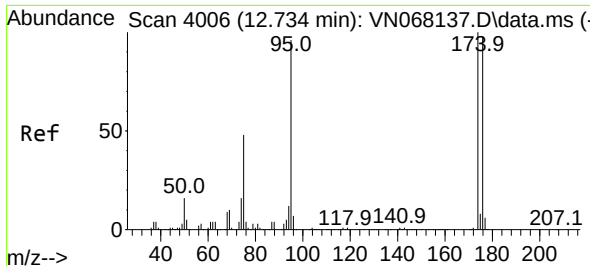
Tgt Ion: 98 Resp: 817811
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#59
2-Hexanone
Concen: 0.219 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 33.2 24.7 74.1

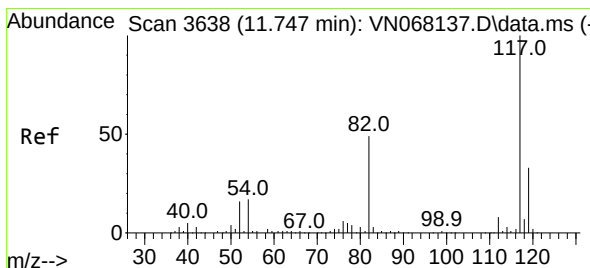
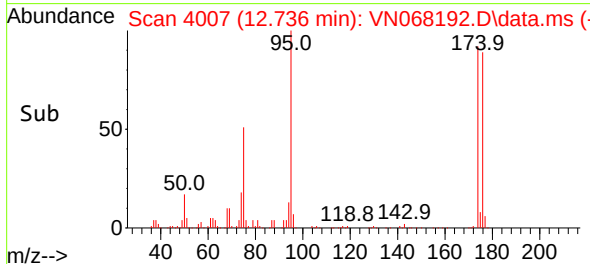
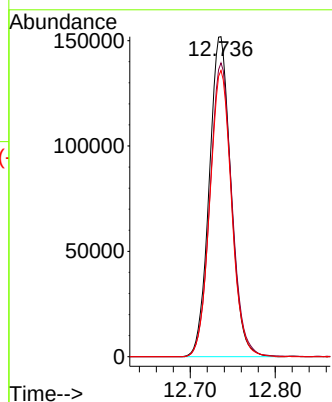
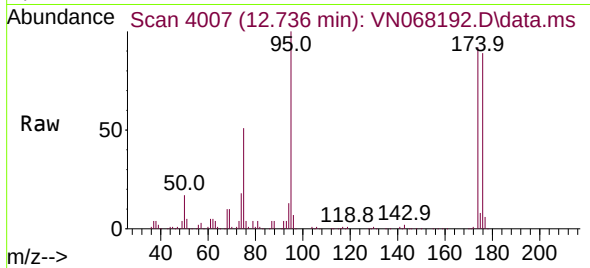




#62
4-Bromofluorobenzene
Concen: 50.944 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

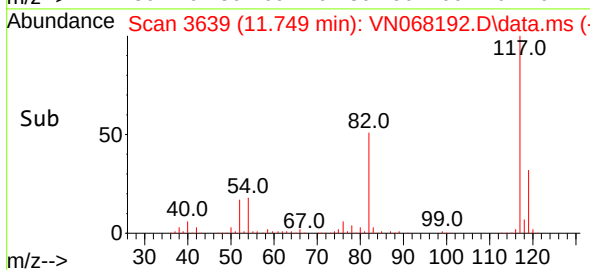
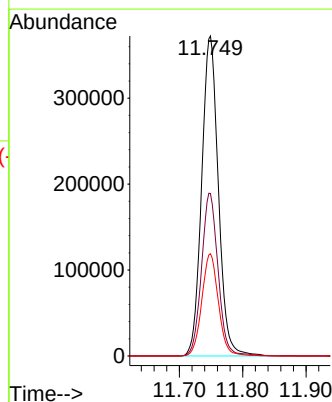
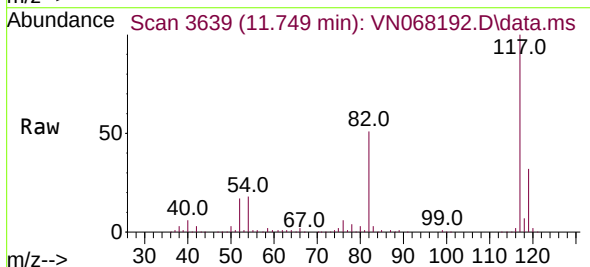
Instrument :
MSVOA_N
ClientSampleId :
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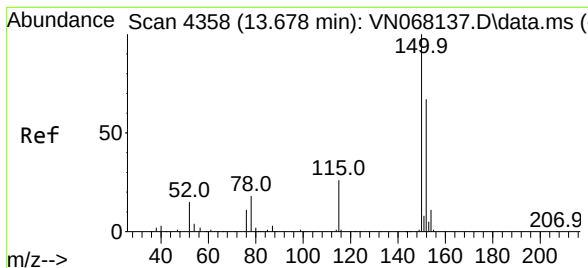
Tgt Ion: 95 Resp: 269265
Ion Ratio Lower Upper
95 100
174 93.0 0.0 122.0
176 89.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 117 Resp: 680494
Ion Ratio Lower Upper
117 100
82 50.7 53.1 79.7#
119 31.9 25.5 38.3

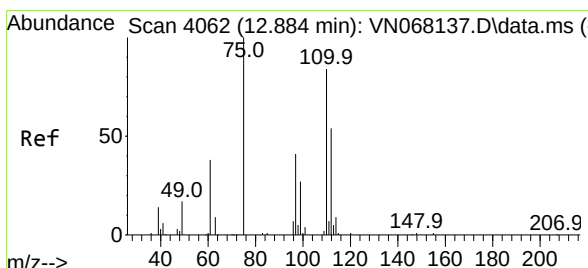
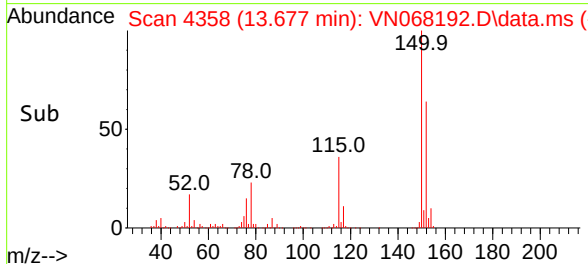
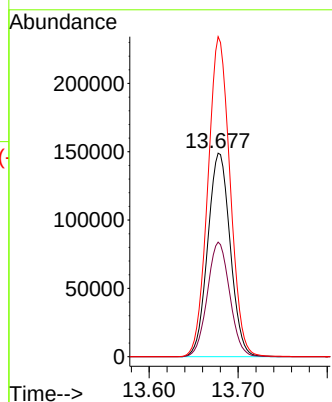
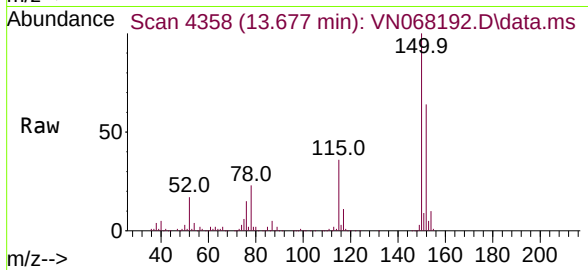




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. -0.001 min
 Lab File: VN068192.D
 Acq: 18 Aug 2021 14:46

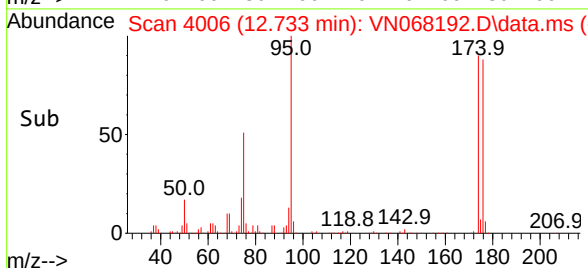
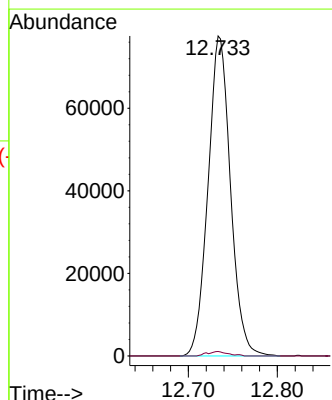
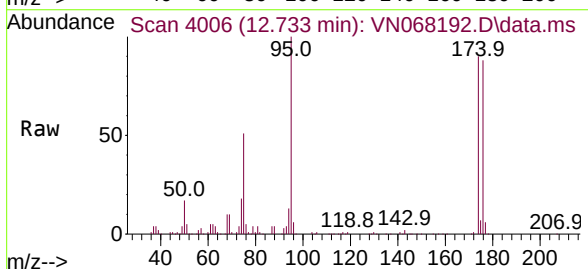
Instrument :
 MSVOA_N
 ClientSampled :
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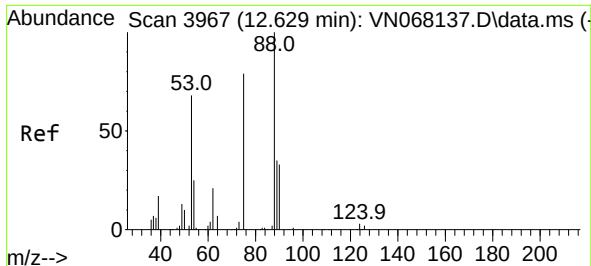
Tgt Ion:152 Resp: 260975
 Ion Ratio Lower Upper
 152 100
 115 56.0 36.1 108.5
 150 155.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 31.279 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.151 min
 Lab File: VN068192.D
 Acq: 18 Aug 2021 14:46

Tgt Ion: 75 Resp: 135677
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#

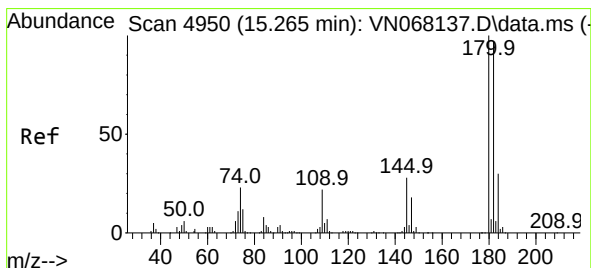
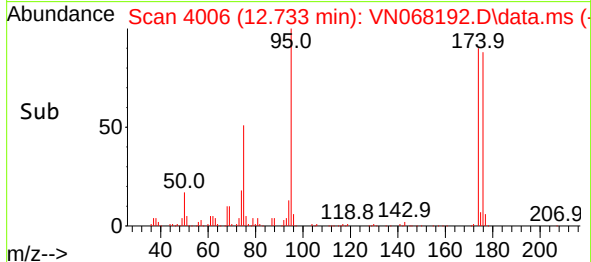
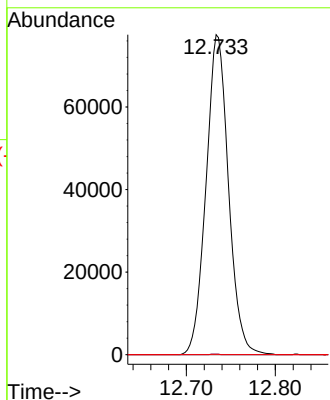
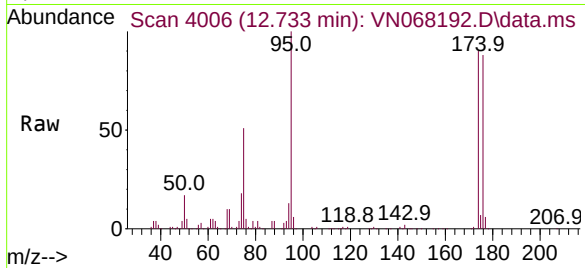




#81
trans-1,4-Dichloro-2-butene
Concen: 102.474 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

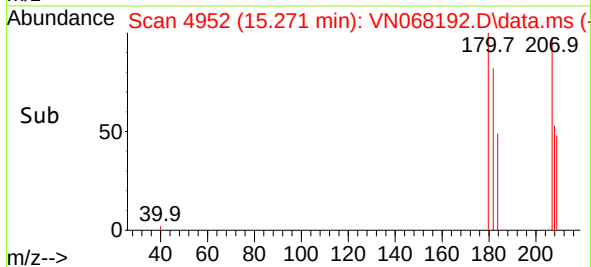
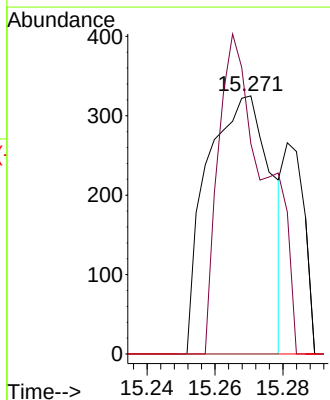
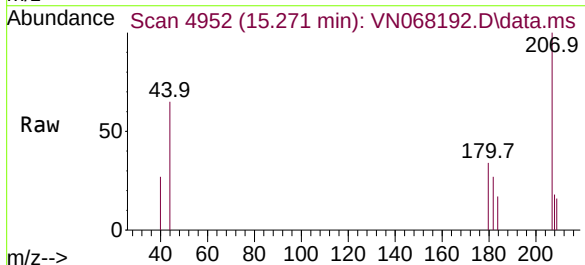
Instrument :
MSVOA_N
ClientSampled :
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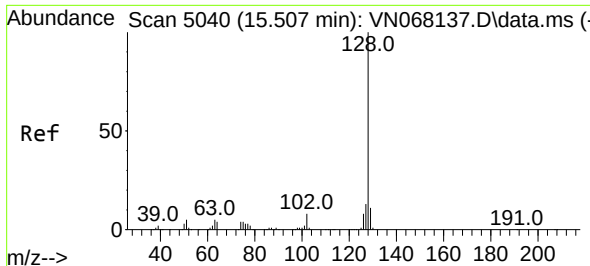
Tgt Ion: 75 Resp: 135677
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.777 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion: 180 Resp: 423
Ion Ratio Lower Upper
180 100
182 91.7 47.5 142.5
145 0.0 17.2 51.6#

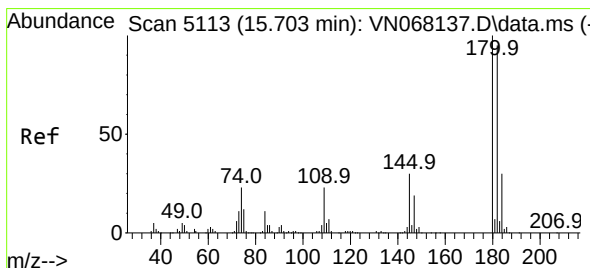
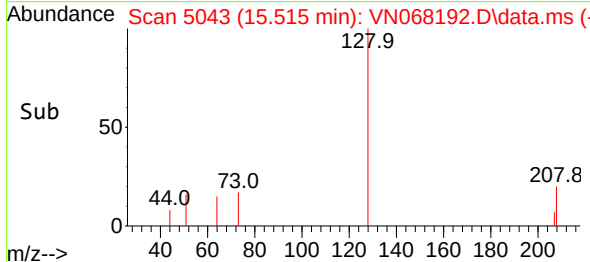
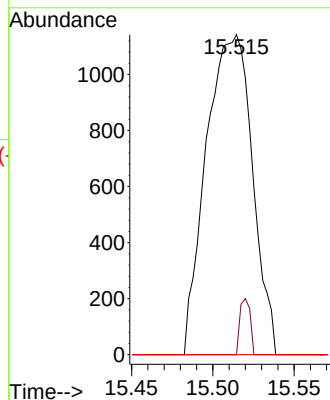
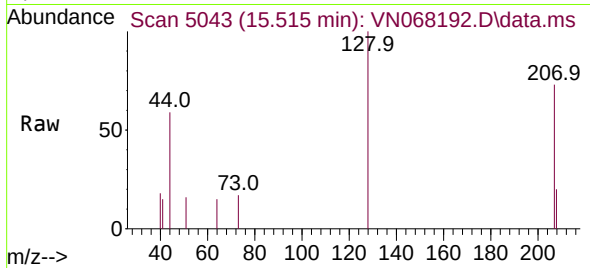




#95
Naphthalene
Concen: 3.550 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tgt Ion:128 Resp: 2261
Ion Ratio Lower Upper
128 100
127 3.9 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.937 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.001 min
Lab File: VN068192.D
Acq: 18 Aug 2021 14:46

Tgt Ion:180 Resp: 465
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 0.0 18.2 54.6#

