

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012821\
 Data File : VN065654.D
 Acq On : 28 Jan 2021 17:05
 Operator : JC/MD
 Sample : PB134372ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#02

Quant Time: Jan 29 01:24:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	198919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	345203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	301851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	110736	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	127832	48.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.70%
35) Dibromofluoromethane	7.550	113	101278	49.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.02%
50) Toluene-d8	10.058	98	430747	53.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.14%
62) 4-Bromofluorobenzene	12.373	95	141661	48.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.84%

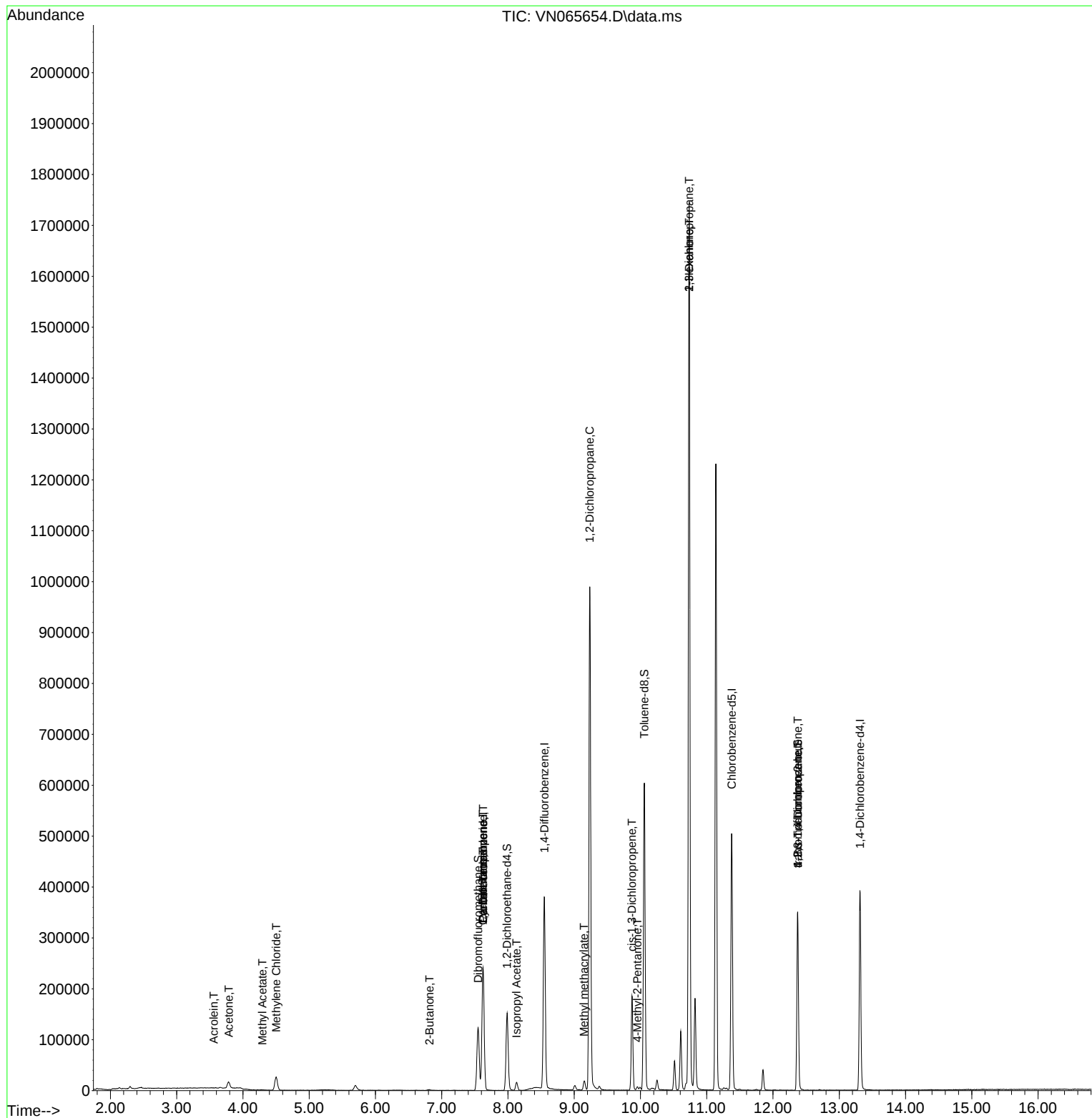
Target Compounds					Qvalue
13) Acrolein	3.560	56	29	18.15	ug/l # 1
16) Acetone	3.785	43	19295	18.94	ug/l 93
18) Methyl Acetate	4.293	43	1789	0.63	ug/l # 51
20) Methylene Chloride	4.502	84	19513	6.92	ug/l 96
25) 2-Butanone	6.814	43	3388	2.12	ug/l 95
31) Cyclohexane	7.621	56	4181	0.85	ug/l # 1
36) 1,1-Dichloropropene	7.621	75	15848	4.56	ug/l # 47
38) Carbon Tetrachloride	7.624	117	18162	6.35	ug/l # 17
43) Isopropyl Acetate	8.129	43	19592	3.32	ug/l # 88
45) 1,2-Dichloropropane	9.235	63	1278	0.44	ug/l # 44
48) Methyl methacrylate	9.148	41	4789	1.71	ug/l # 10
51) 4-Methyl-2-Pentanone	9.952	43	4936	1.52	ug/l 94
54) cis-1,3-Dichloropropene	9.871	75	35969	8.02	ug/l # 56
57) 1,3-Dichloropropane	10.733	76	18498	4.38	ug/l # 43
59) 2-Hexanone	10.733	43	246645	109.05	ug/l # 50
76) 1,2,3-Trichloropropane	12.373	75	65445	22.60	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.373	75	65445	57.89	ug/l # 12

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

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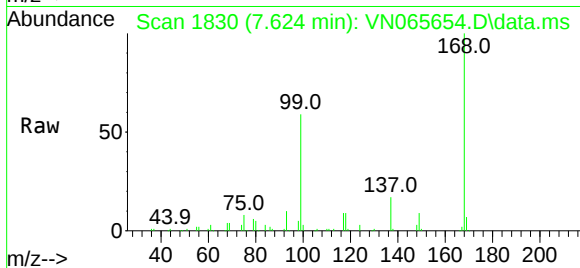
Quant Time: Jan 29 01:24:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
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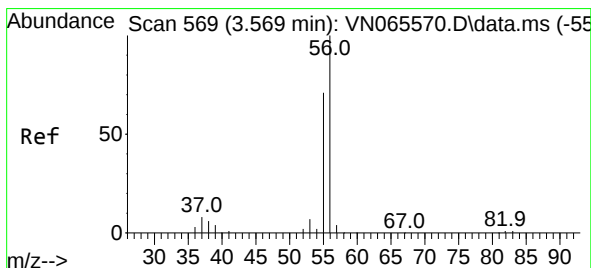
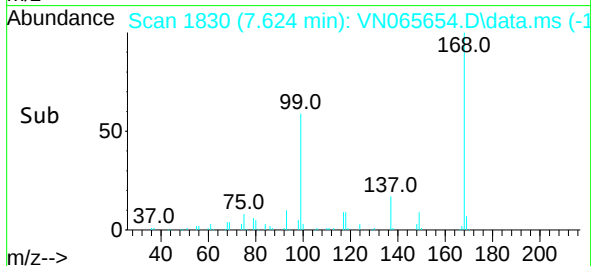
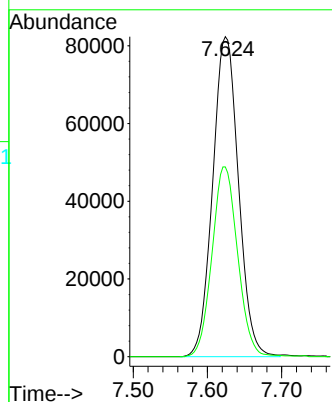


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

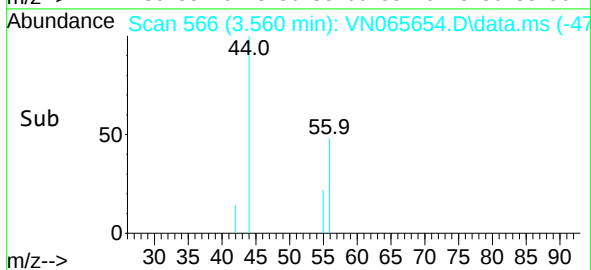
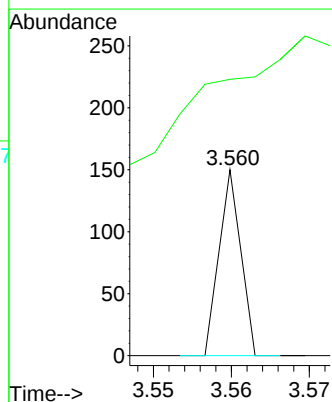
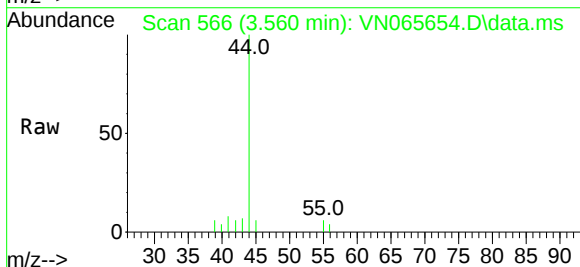


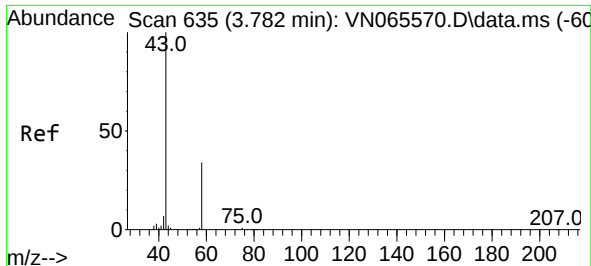
Tgt Ion:168 Resp: 198919
Ion Ratio Lower Upper
168 100
99 59.3 42.6 63.8



#13
Acrolein
Concen: 18.15 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.009 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

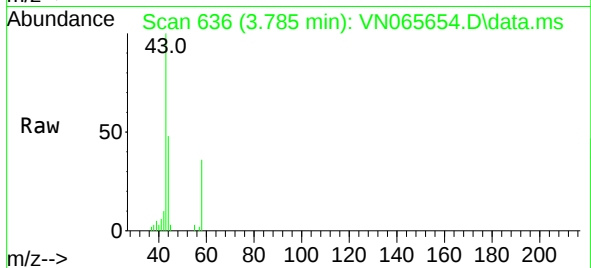
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 358.6 56.0 84.0#



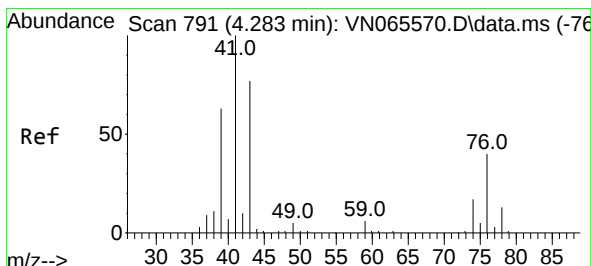
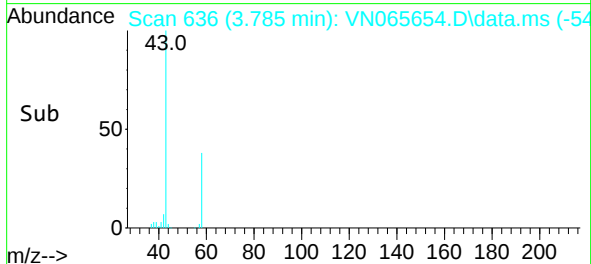
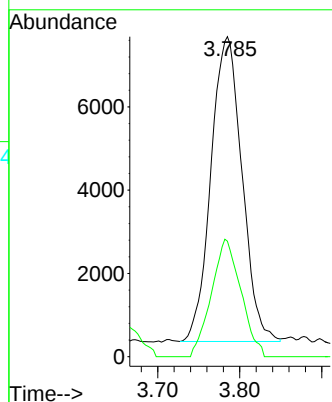


#16
Acetone
Concen: 18.94 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Instrument :
MSVOA_N
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PB134372ZHE#02

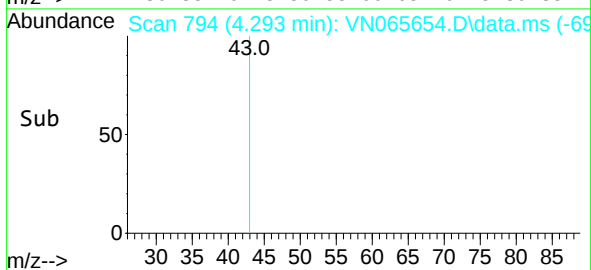
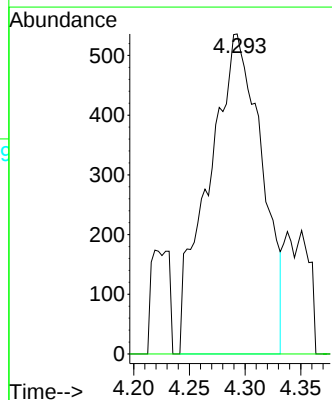
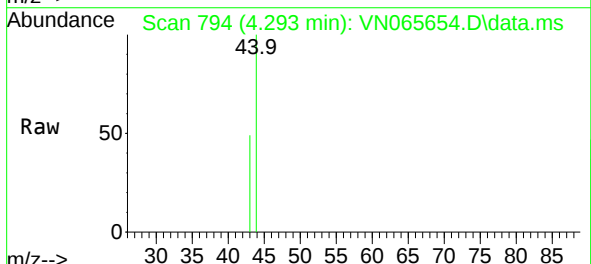


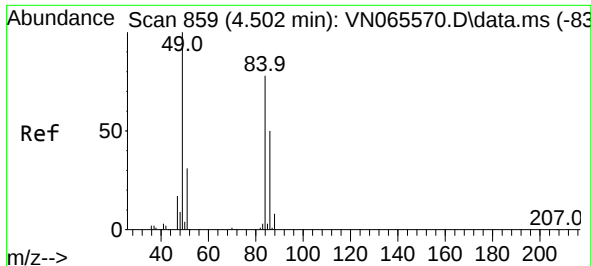
Tgt Ion: 43 Resp: 19295
Ion Ratio Lower Upper
43 100
58 37.9 27.0 40.6



#18
Methyl Acetate
Concen: 0.63 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

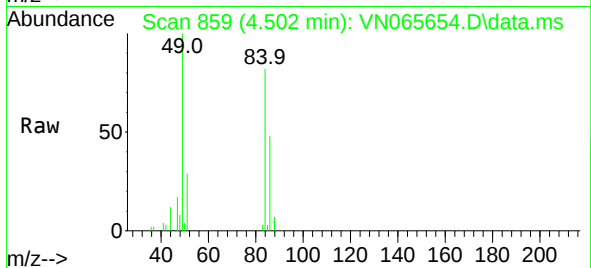
Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



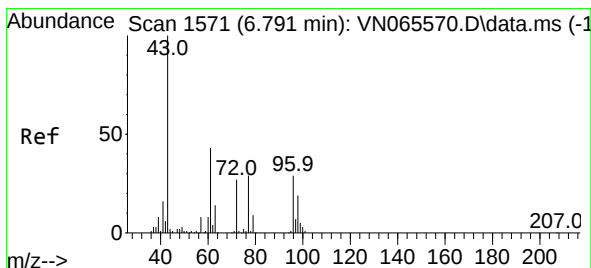
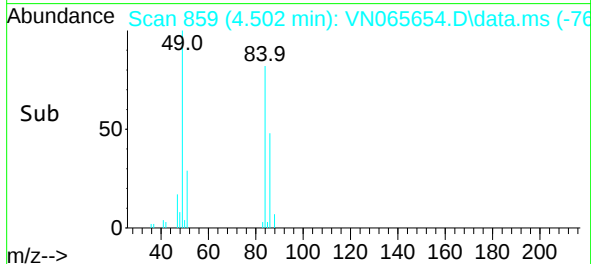
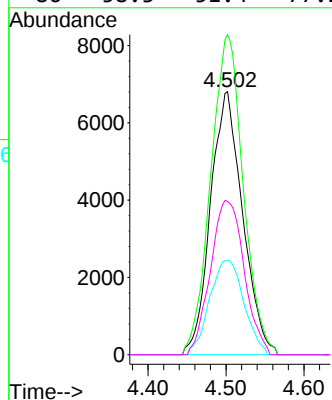


#20
Methylene Chloride
Concen: 6.92 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

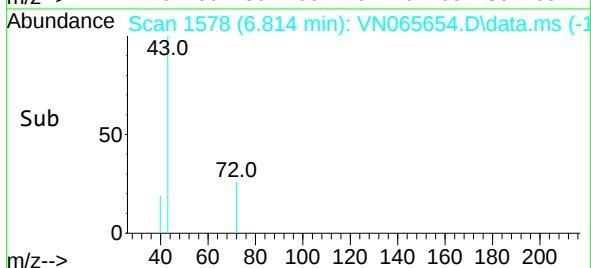
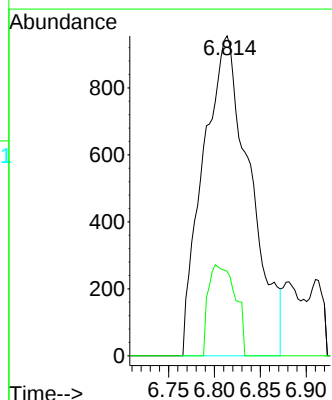
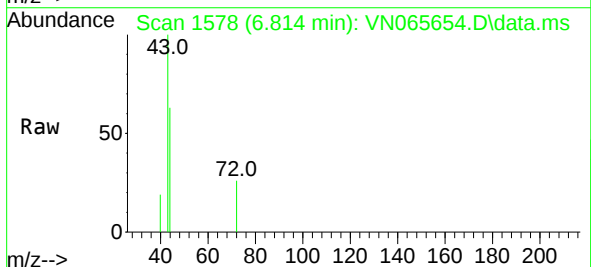


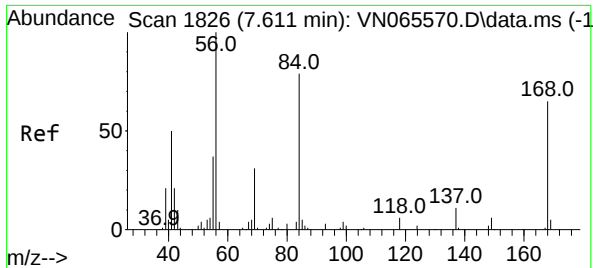
Tgt Ion:	84	Resp:	19513
Ion	Ratio	Lower	Upper
84	100		
49	121.6	94.6	141.8
51	35.8	29.9	44.9
86	58.3	51.4	77.2



#25
2-Butanone
Concen: 2.12 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.023 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion:	43	Resp:	3388
Ion	Ratio	Lower	Upper
43	100		
72	26.5	23.1	34.7

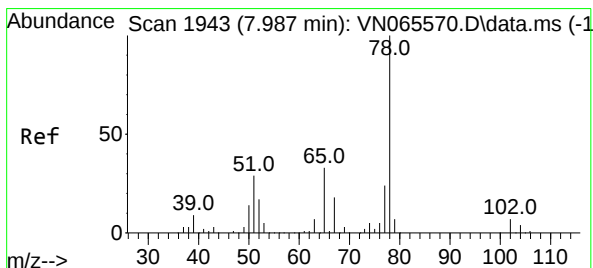
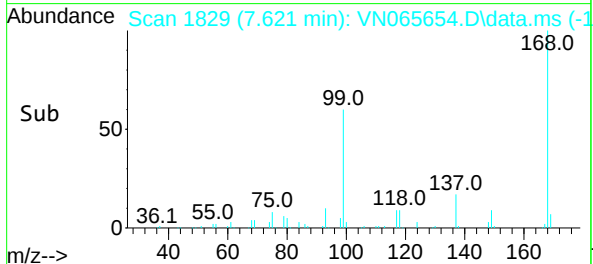
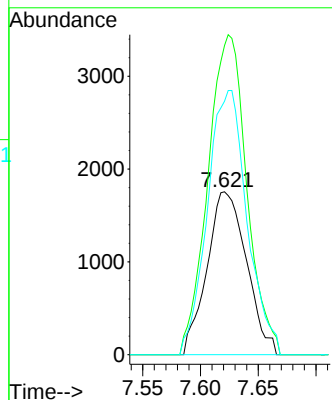
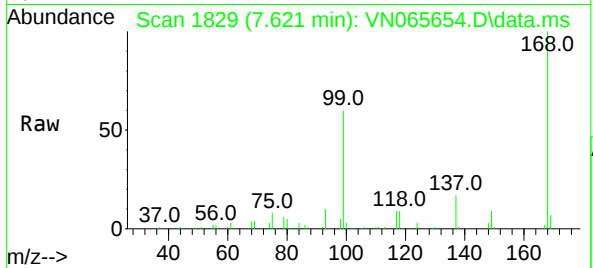




#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

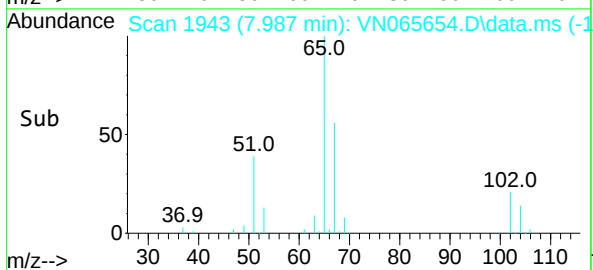
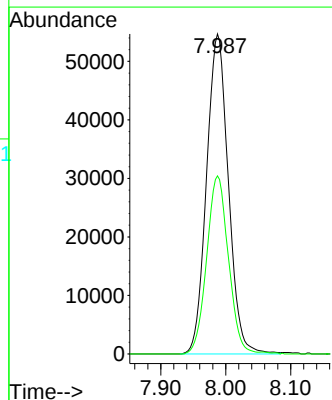
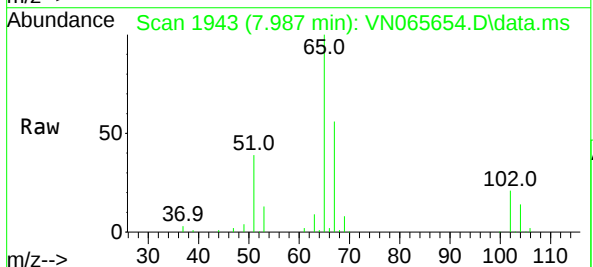
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

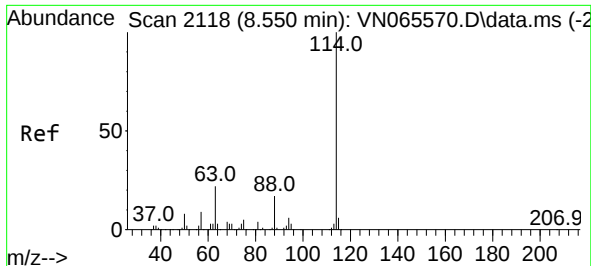
Tgt Ion: 56 Resp: 4181
Ion Ratio Lower Upper
56 100
69 189.8 26.6 39.8#
84 155.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.85 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

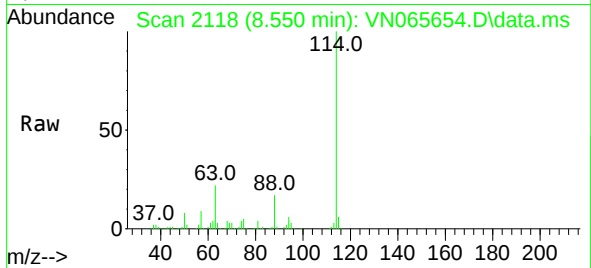
Tgt Ion: 65 Resp: 127832
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



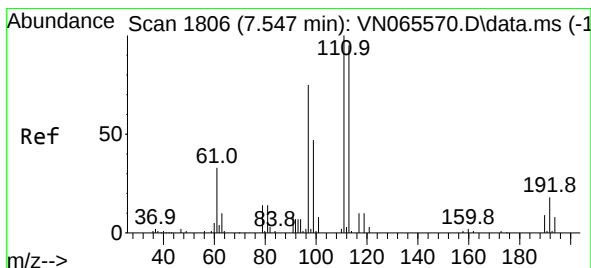
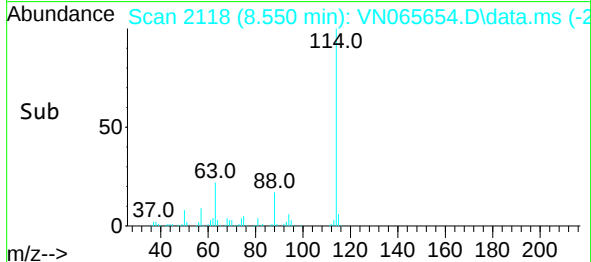
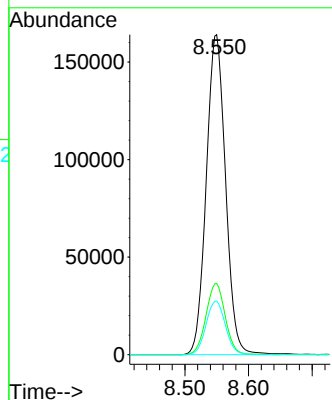


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

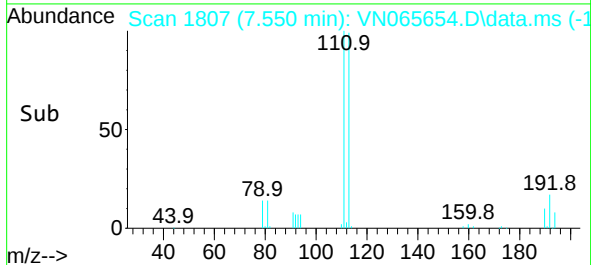
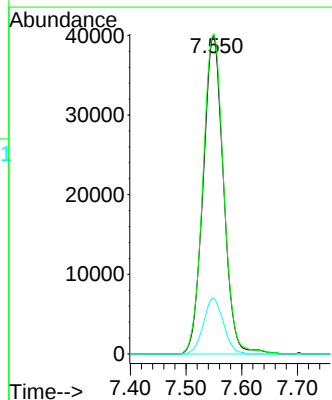
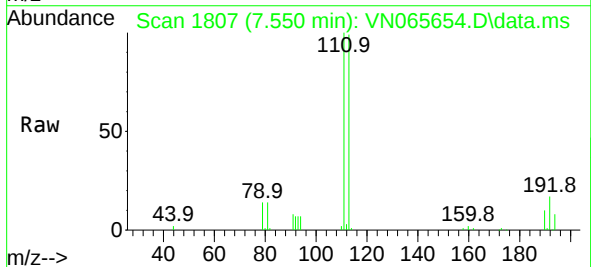


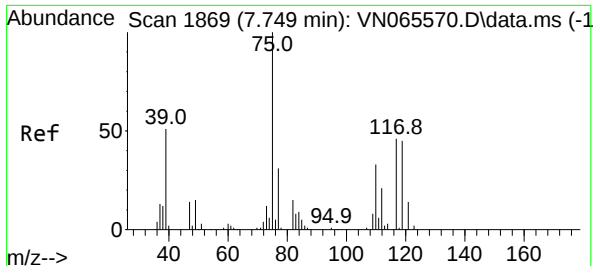
Tgt Ion:	114	Resp:	345203
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	38.6
88	16.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion:	113	Resp:	101278
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	17.3	15.4	23.0

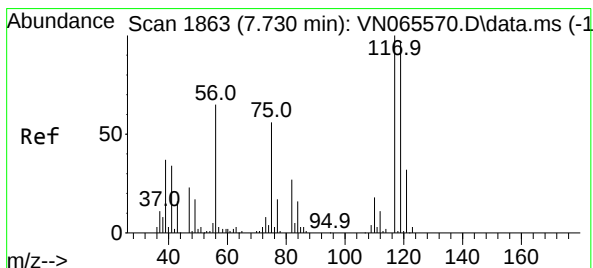
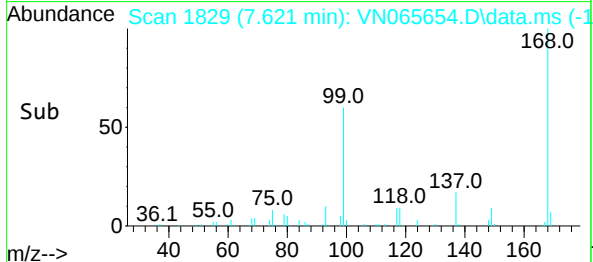
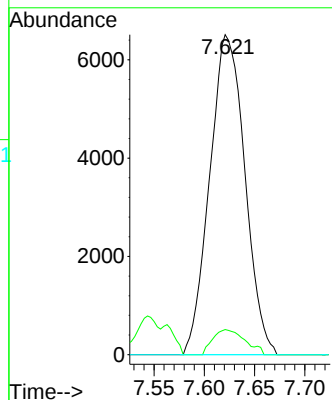
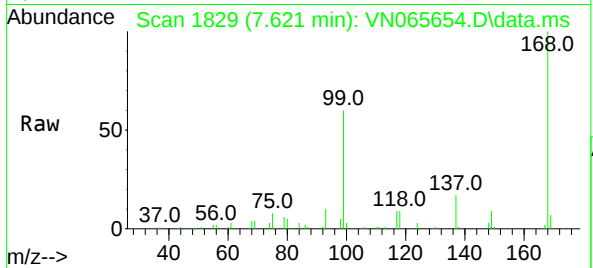




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

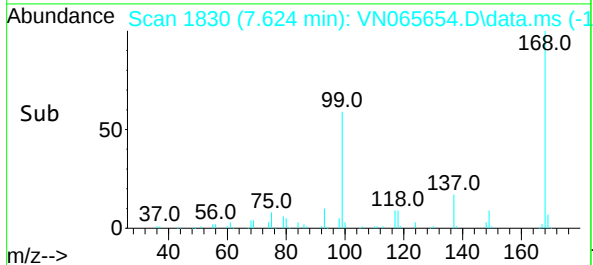
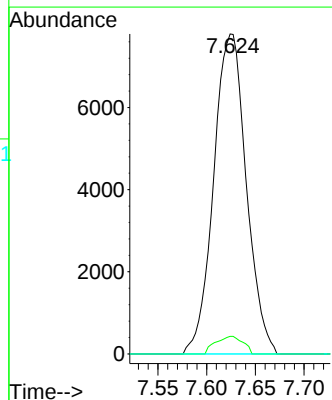
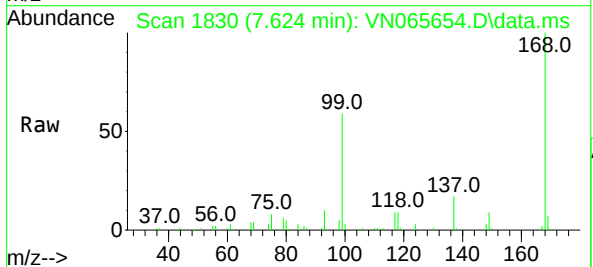
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PB134372ZHE#02

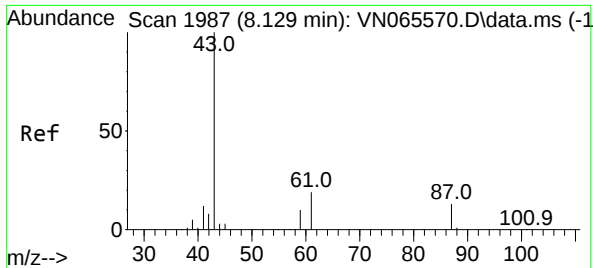
Tgt Ion: 75 Resp: 15848
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 117 Resp: 18162
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#

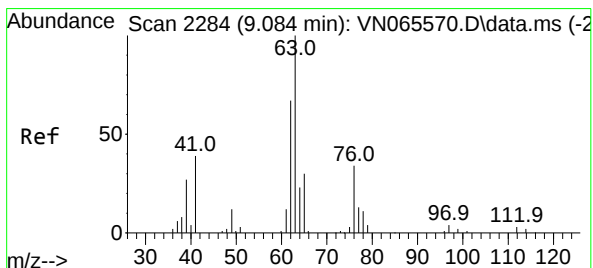
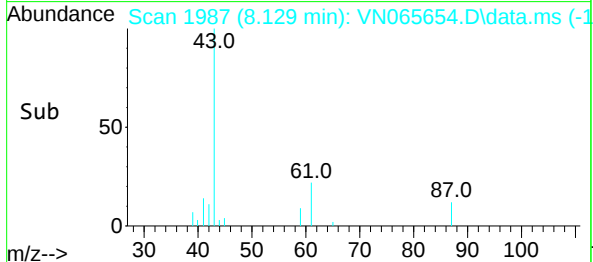
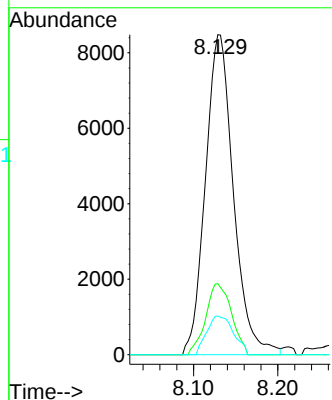
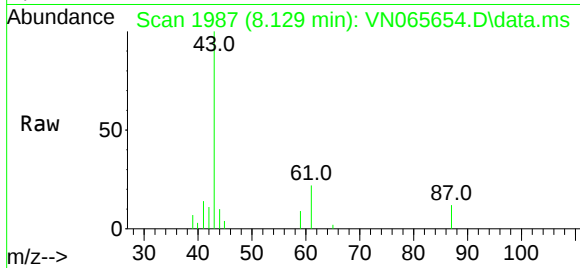




#43
Isopropyl Acetate
Concen: 3.32 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

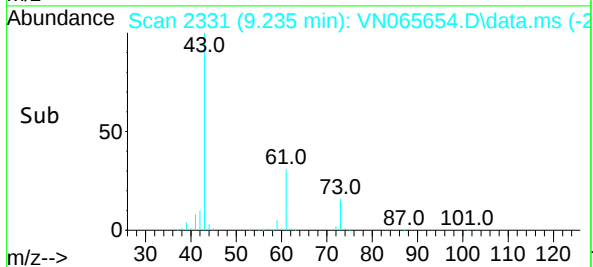
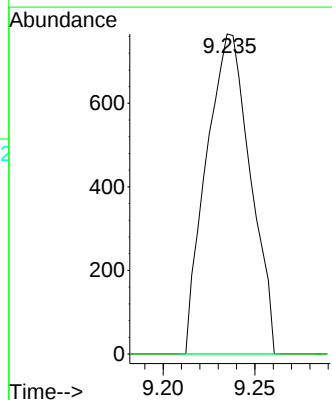
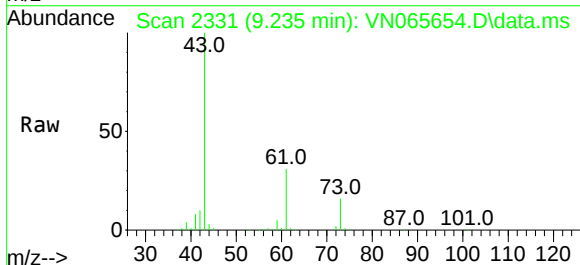
Instrument :
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PB134372ZHE#02

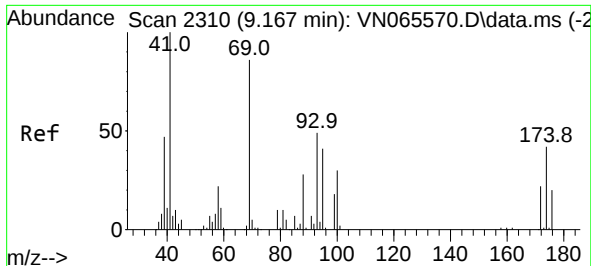
Tgt Ion: 43 Resp: 19592
Ion Ratio Lower Upper
43 100
61 20.4 22.5 33.7#
87 11.5 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.44 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 63 Resp: 1278
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

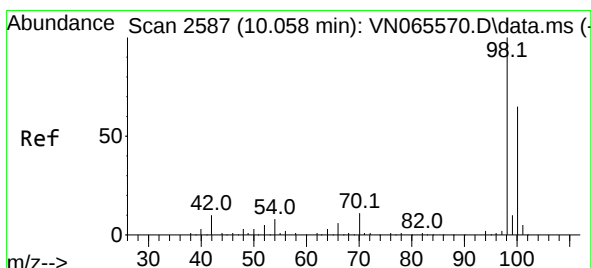
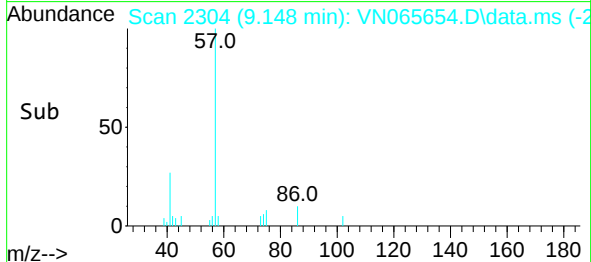
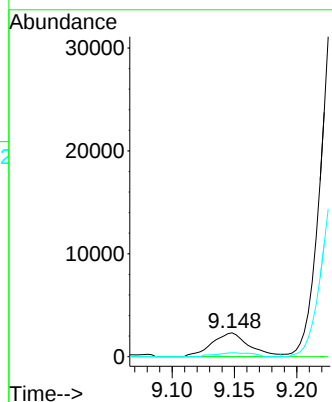
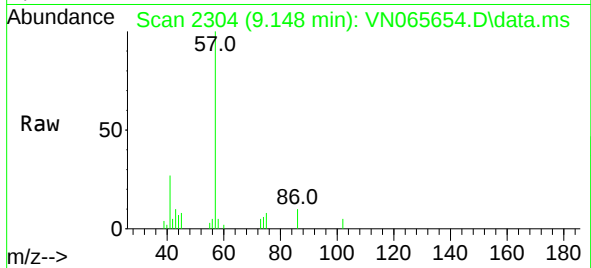




#48
Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

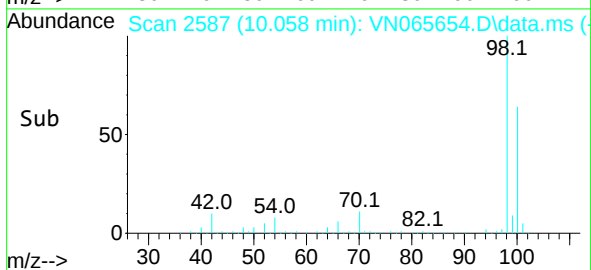
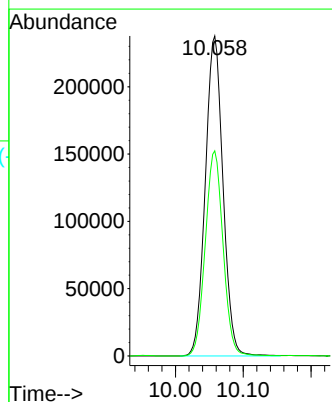
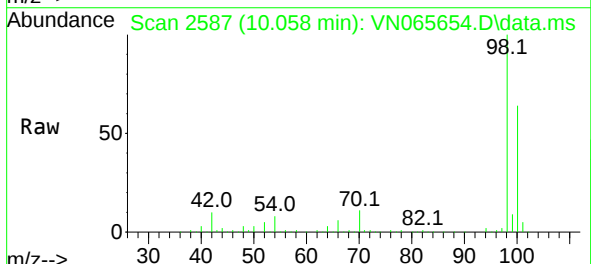
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

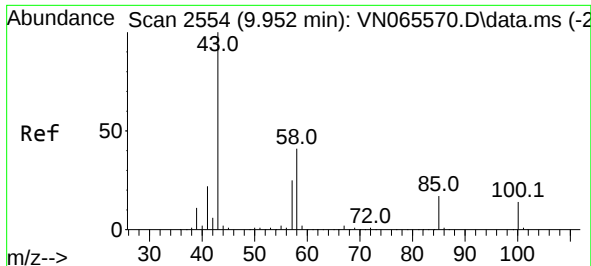
Tgt Ion: 41 Resp: 4789
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.57 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 98 Resp: 430747
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

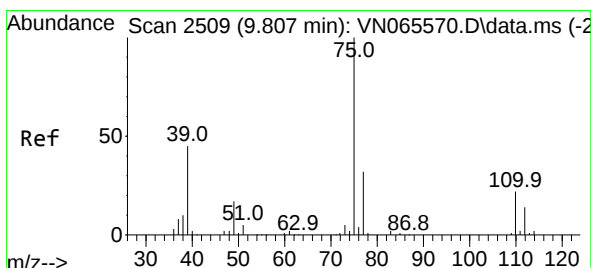
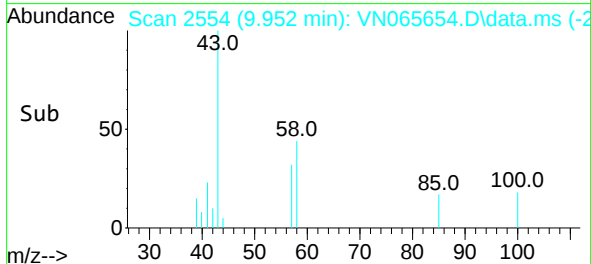
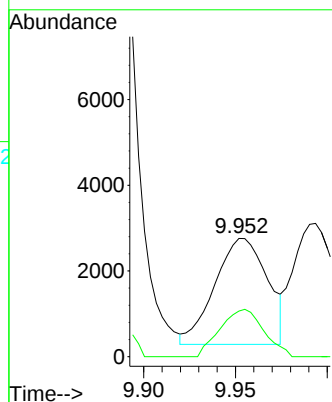
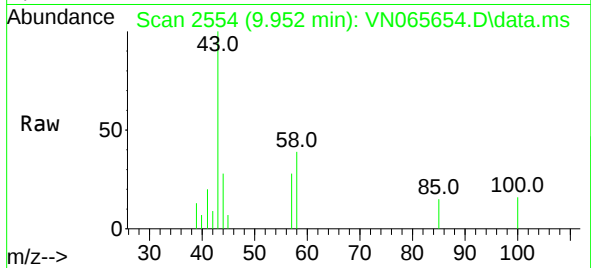




#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

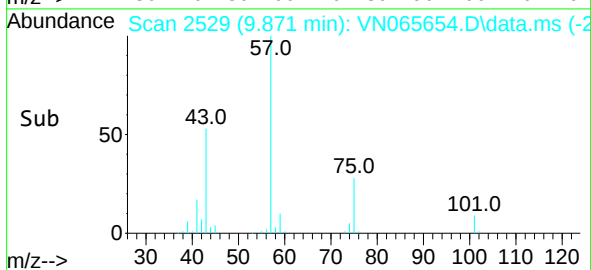
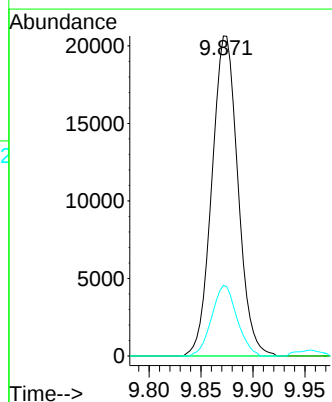
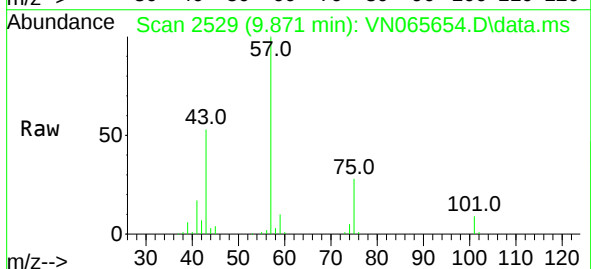
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

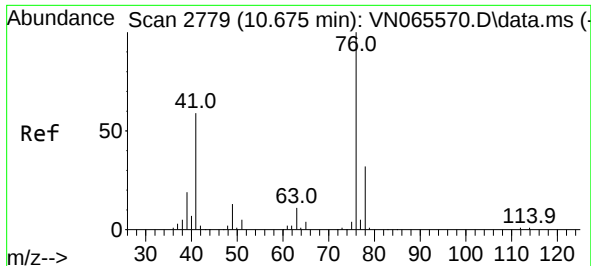
Tgt Ion: 43 Resp: 4936
Ion Ratio Lower Upper
43 100
58 37.2 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 8.02 ug/l
RT: 9.871 min Scan# 2529
Delta R.T. 0.064 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 75 Resp: 35969
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.0 36.2 54.4#

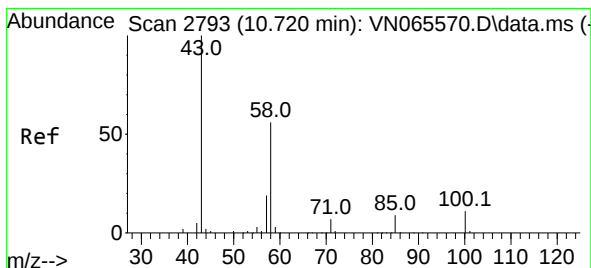
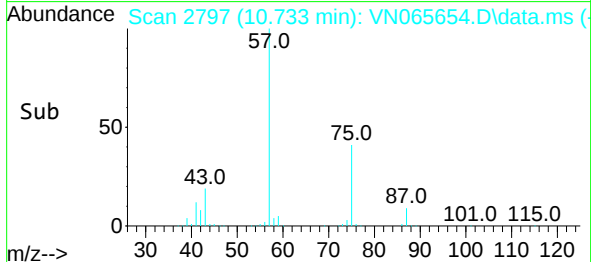
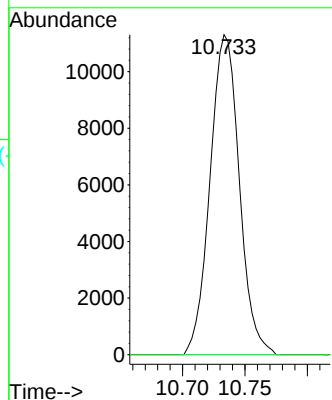
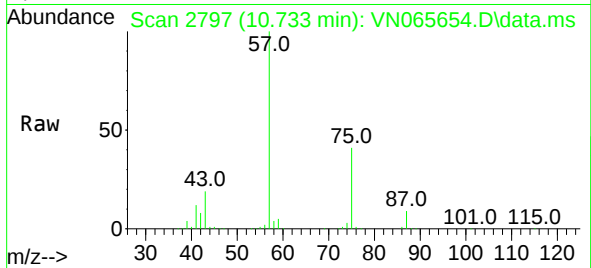




#57
1,3-Dichloropropane
Concen: 4.38 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

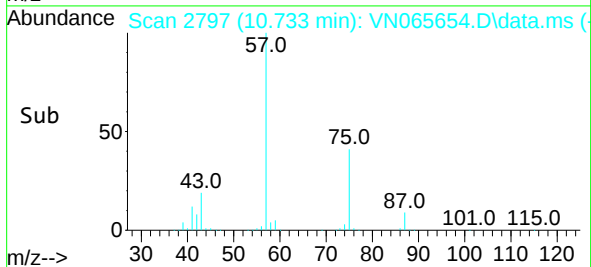
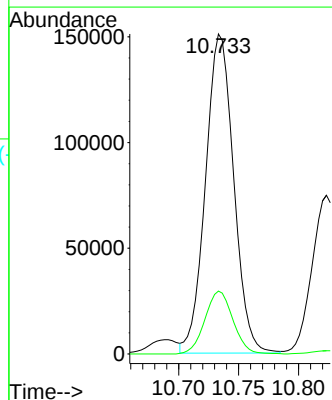
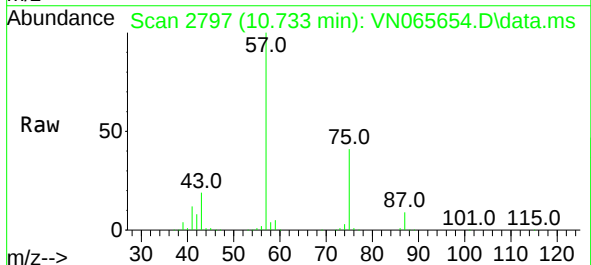
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

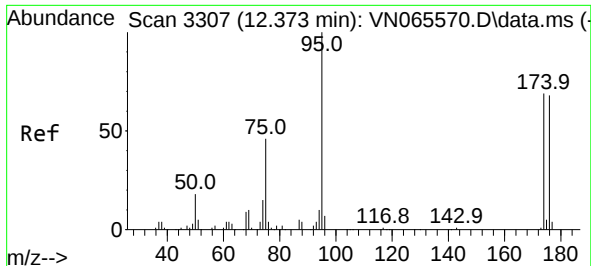
Tgt Ion: 76 Resp: 18498
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 109.05 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 43 Resp: 246645
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.3#

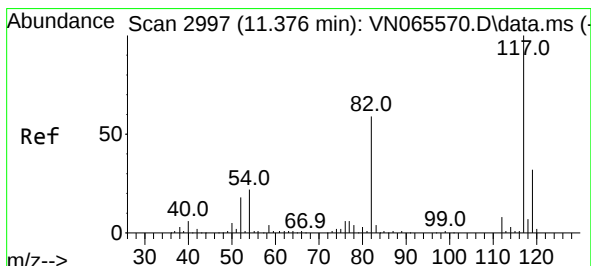
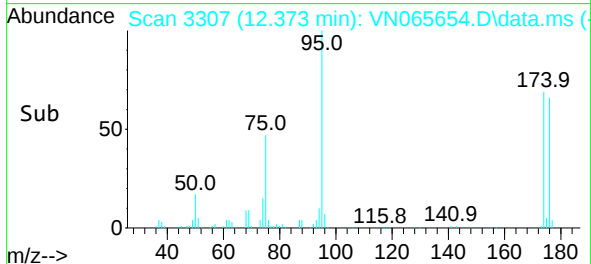
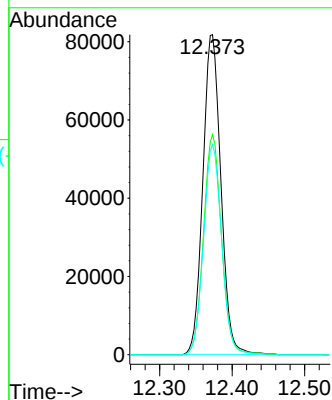
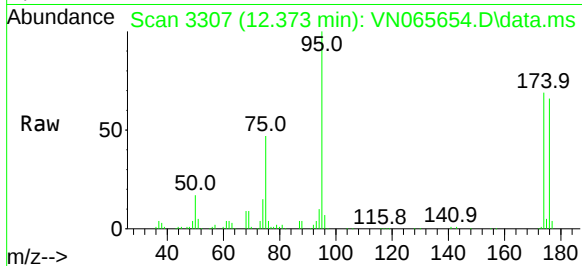




#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

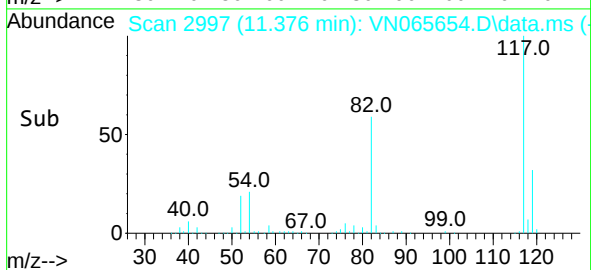
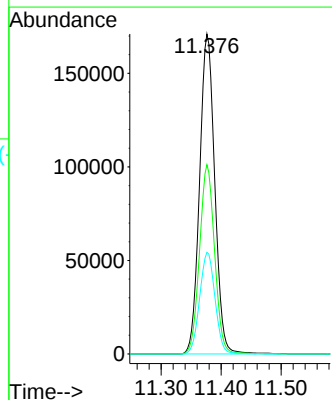
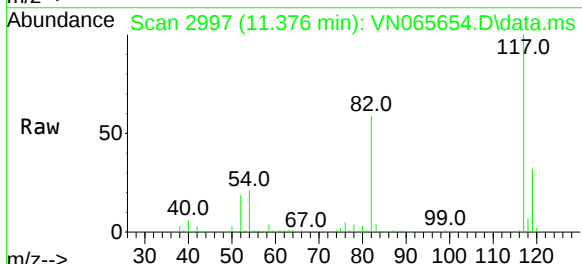
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

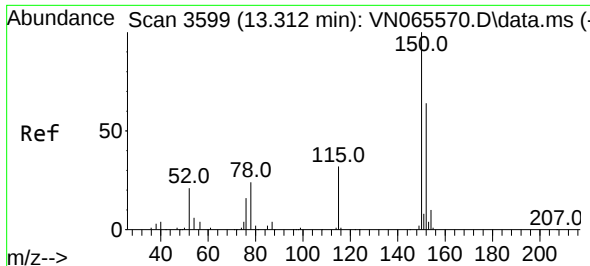
Tgt Ion: 95 Resp: 141661
Ion Ratio Lower Upper
95 100
174 68.6 0.0 169.0
176 66.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 117 Resp: 301851
Ion Ratio Lower Upper
117 100
82 59.1 43.7 65.5
119 31.8 26.1 39.1

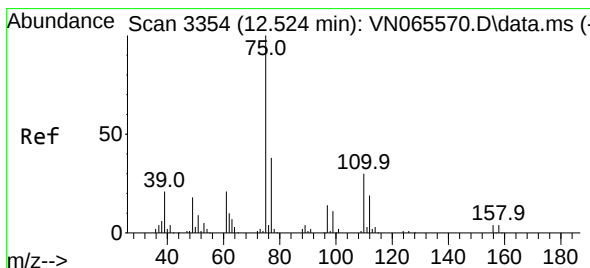
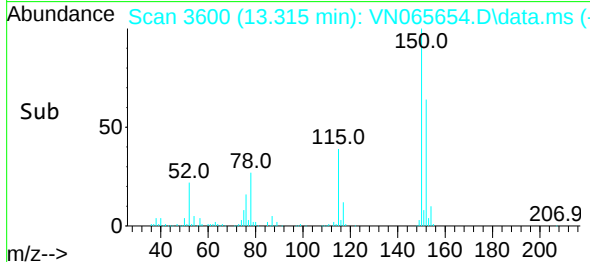
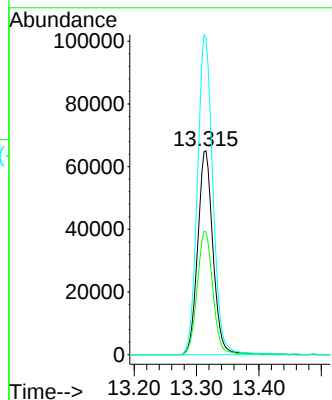
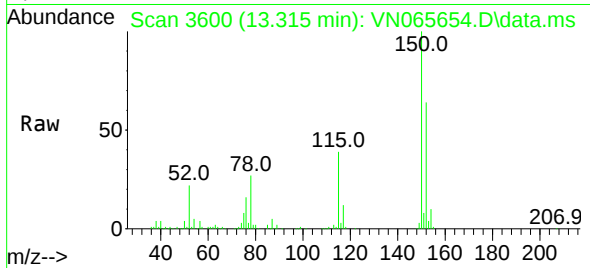




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

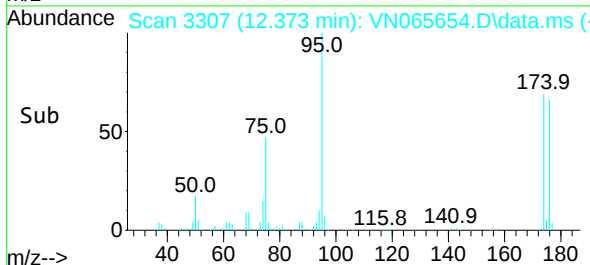
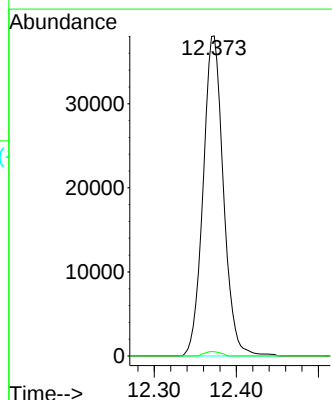
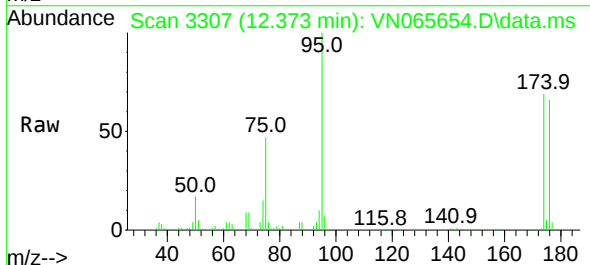
Instrument :
MSVOA_N
ClientSampleId :
PB134372ZHE#02

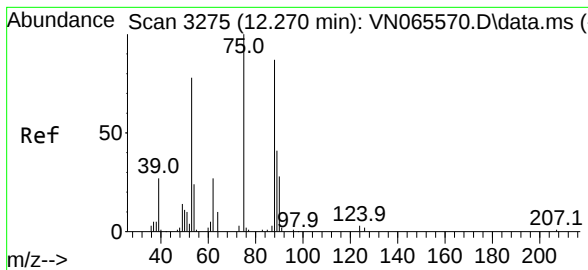
Tgt Ion:152 Resp: 110736
Ion Ratio Lower Upper
152 100
115 61.6 28.5 85.6
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065654.D
Acq: 28 Jan 2021 17:05

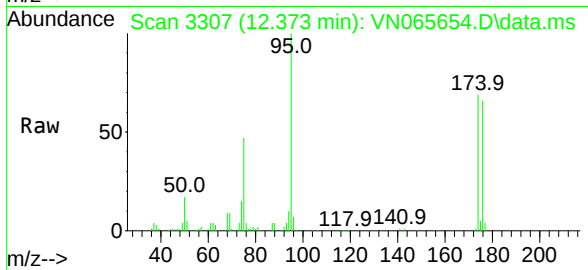
Tgt Ion: 75 Resp: 65445
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.89 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065654.D
 Acq: 28 Jan 2021 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134372ZHE#02



Tgt Ion:	75	Resp:	65445
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

