

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065251.D
 Acq On : 24 Dec 2020 10:25
 Operator : JC/MD
 Sample : VN1224MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

Quant Time: Dec 25 02:34:06 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	243942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	401095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	415531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	173402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	142250	51.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.30%
35) Dibromofluoromethane	7.550	113	125421	51.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.66%
50) Toluene-d8	10.058	98	494598	54.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.06%
62) 4-Bromofluorobenzene	12.376	95	193850	53.63	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.26%

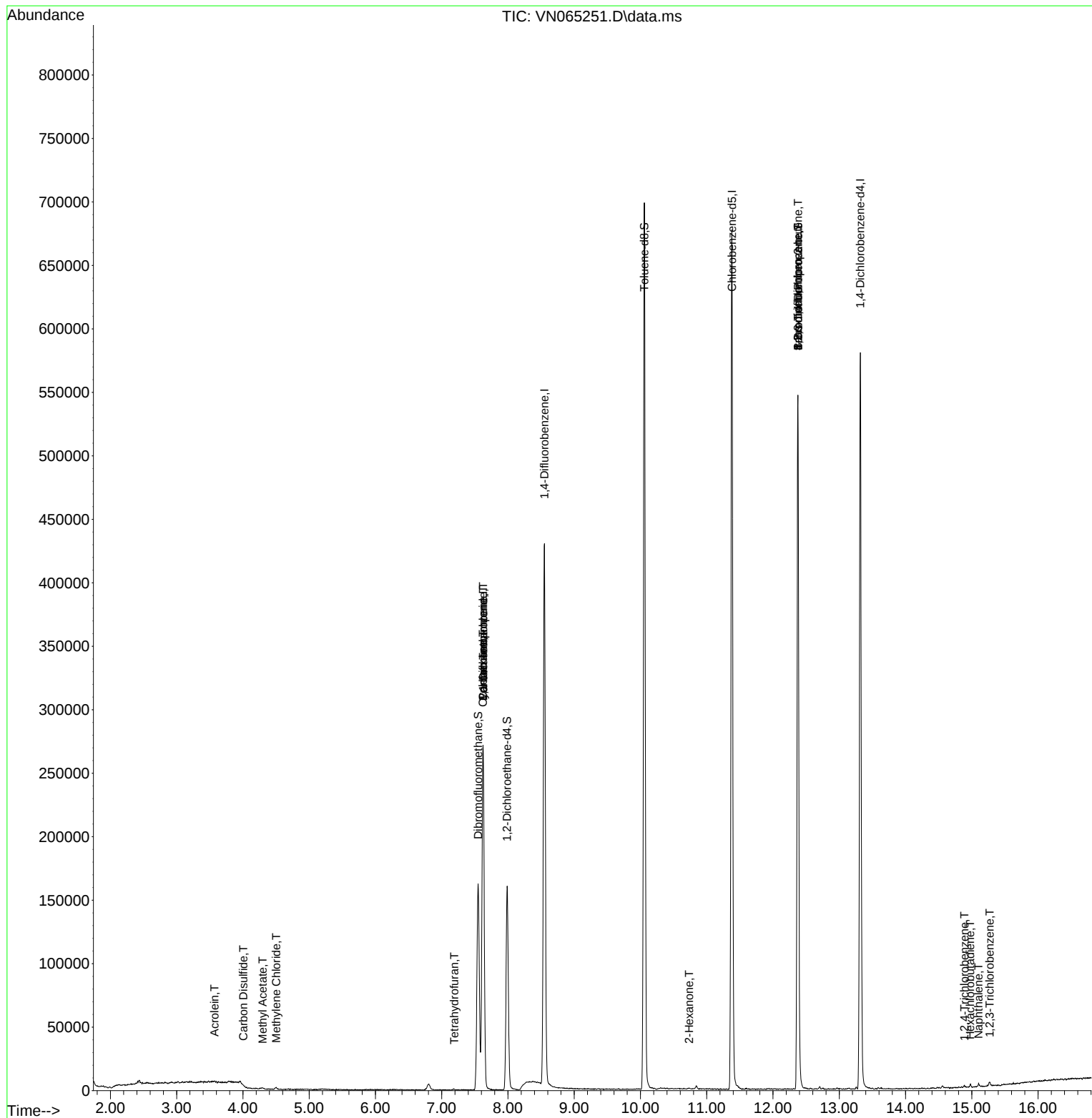
Target Compounds					Qvalue
13) Acrolein	3.570	56	436	3.83 ug/l #	78
16) Acetone	3.775	43	479	Below Cal #	43
17) Carbon Disulfide	4.007	76	1259	0.21 ug/l #	75
18) Methyl Acetate	4.296	43	1670	0.68 ug/l #	61
20) Methylene Chloride	4.502	84	858	0.32 ug/l #	74
29) Tetrahydrofuran	7.190	42	243	0.24 ug/l #	32
31) Cyclohexane	7.621	56	4326	1.06 ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16015	4.39 ug/l #	49
38) Carbon Tetrachloride	7.624	117	20930	5.46 ug/l #	16
59) 2-Hexanone	10.733	43	712	0.28 ug/l #	53
71) Bromoform	12.376	173	1223	0.43 ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	98002	27.70 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98002	69.85 ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	1001	3.11 ug/l #	75
94) Hexachlorobutadiene	14.977	225	623	0.28 ug/l	79
95) Naphthalene	15.103	128	2936	3.68 ug/l #	81
96) 1,2,3-Trichlorobenzene	15.270	180	1419	3.64 ug/l	92

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

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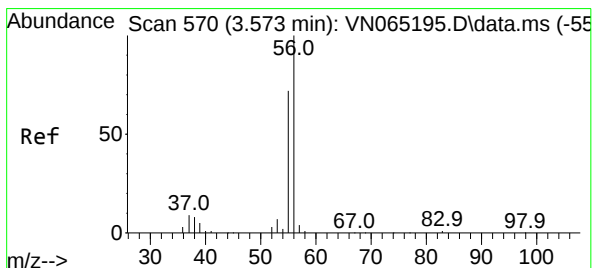
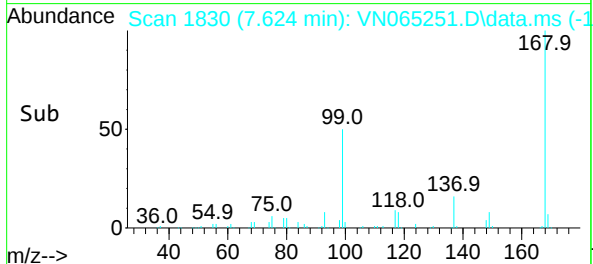
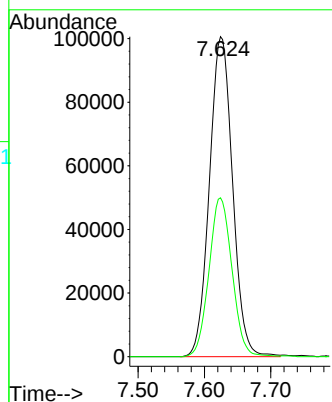
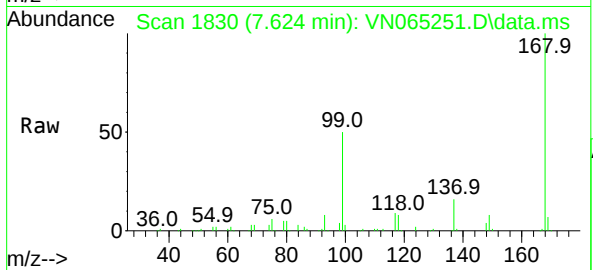




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

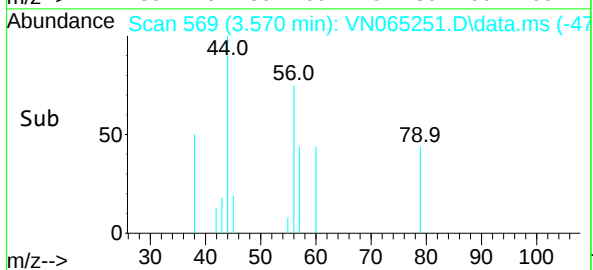
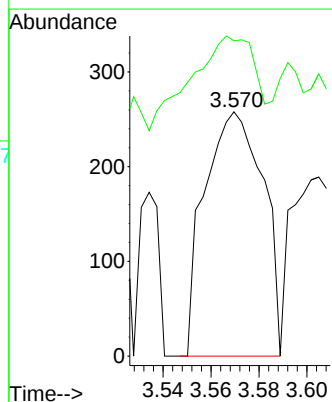
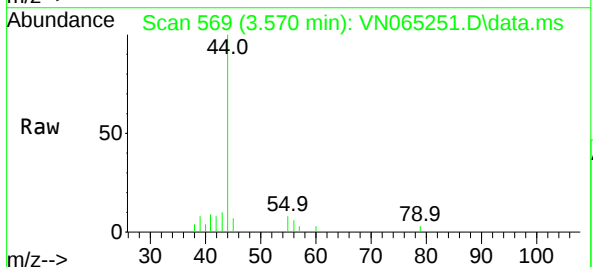
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

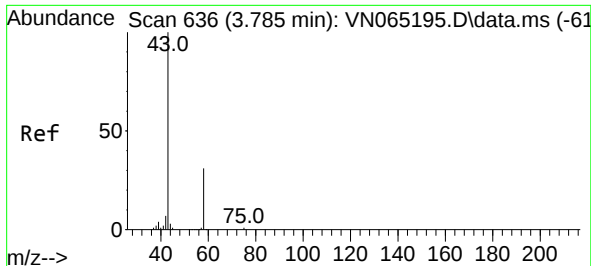
Tgt Ion:168 Resp: 243942
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.4



#13
Acrolein
Concen: 3.83 ug/l
RT: 3.570 min Scan# 569
Delta R.T. -0.003 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 52.8 56.5 84.7#

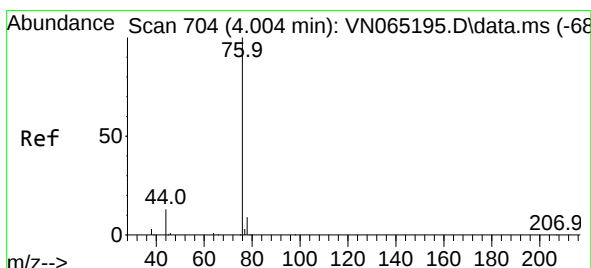
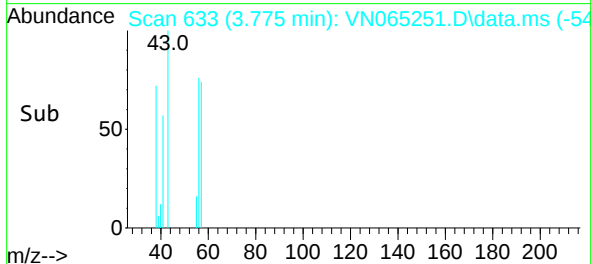
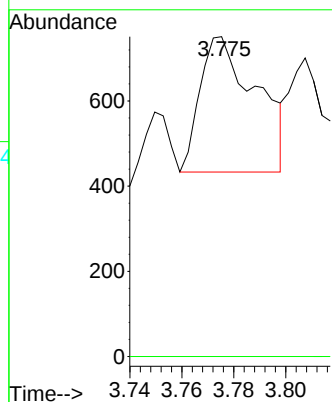
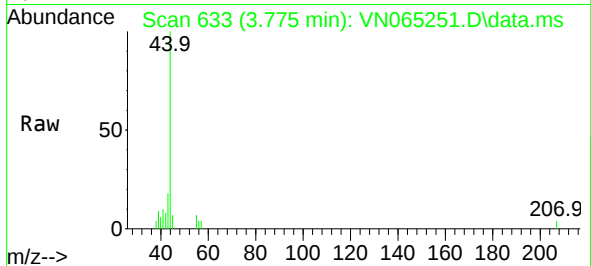




#16
Acetone
Concen: Below Cal
RT: 3.775 min Scan# 633
Delta R.T. -0.010 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

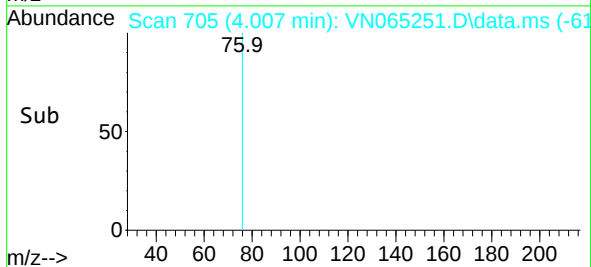
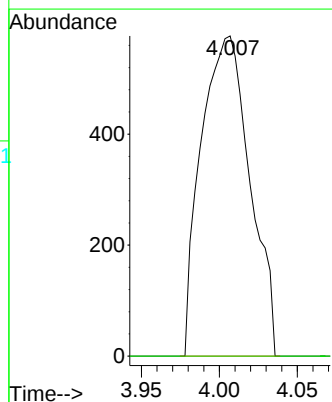
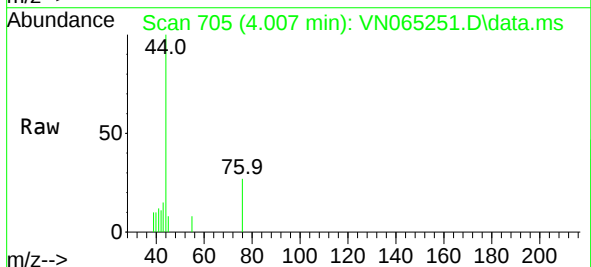
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

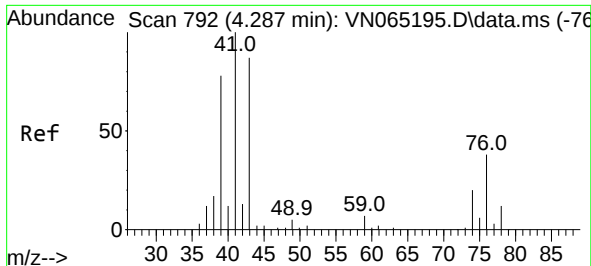
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.003 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 76 Resp: 1259
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

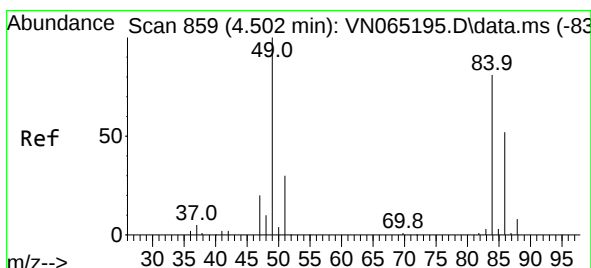
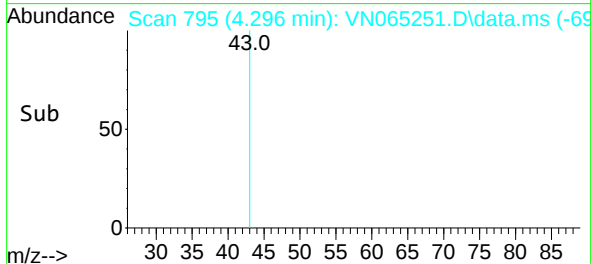
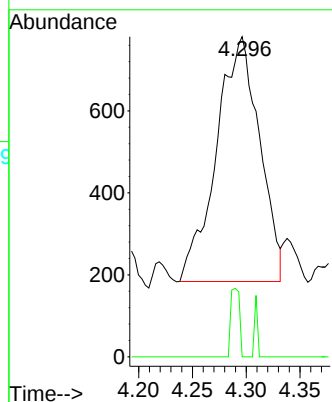
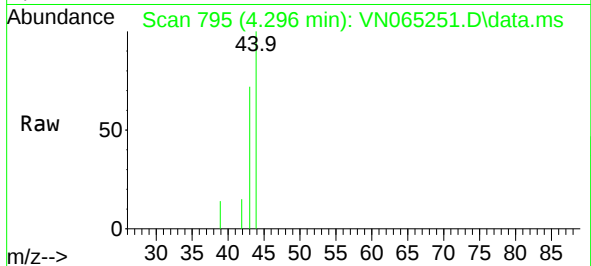




#18
Methyl Acetate
Concen: 0.68 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

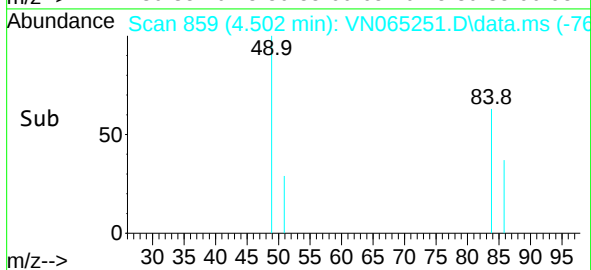
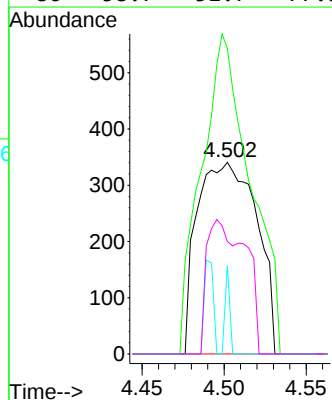
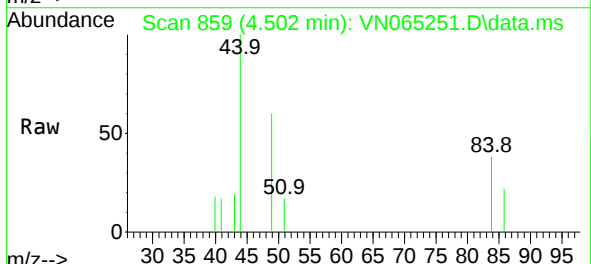
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

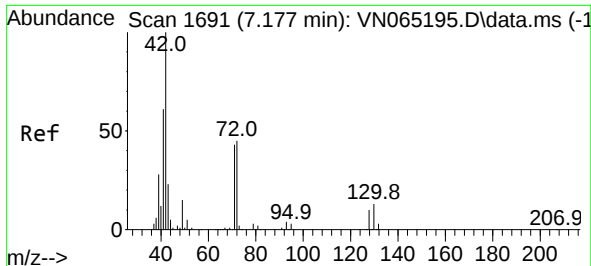
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 5.6 20.2 30.2#



#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 84 Resp: 858
Ion Ratio Lower Upper
84 100
49 159.2 93.4 140.0#
51 46.0 28.2 42.4#
86 58.7 51.7 77.5





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.190 min Scan# 1695

Delta R.T. 0.013 min

Lab File: VN065251.D

Acq: 24 Dec 2020 10:25

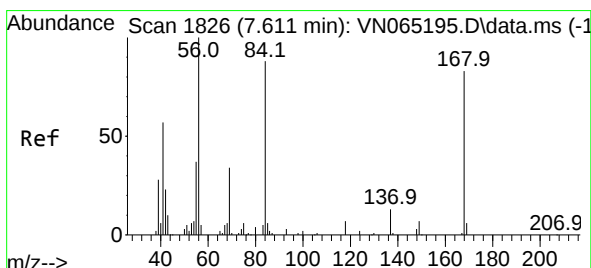
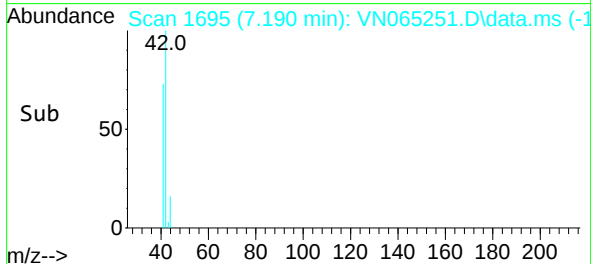
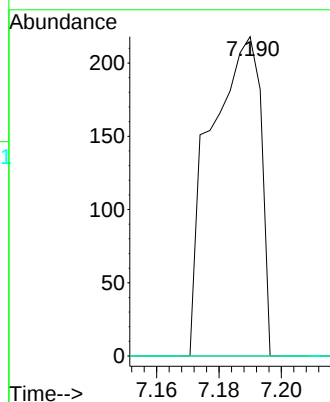
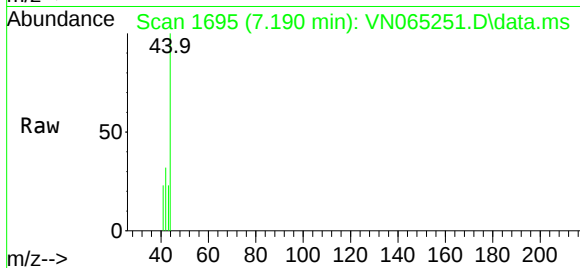
Instrument :

MSVOA_N

ClientSampleId :

VN1224MBL01

Tgt Ion:	42	Resp:	243
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.06 ug/l

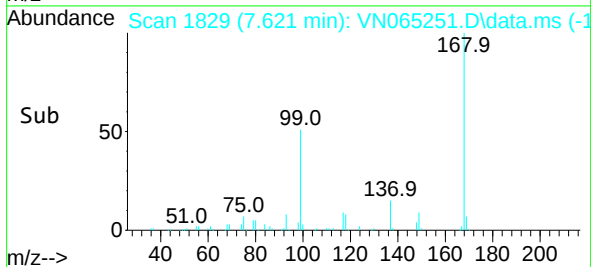
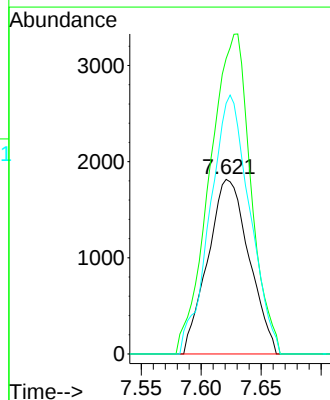
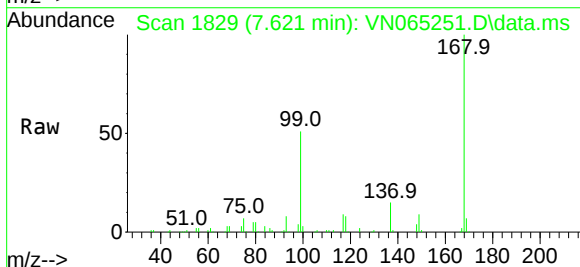
RT: 7.621 min Scan# 1829

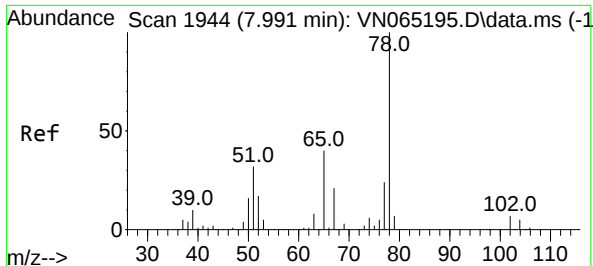
Delta R.T. 0.010 min

Lab File: VN065251.D

Acq: 24 Dec 2020 10:25

Tgt Ion:	56	Resp:	4326
Ion	Ratio	Lower	Upper
56	100		
69	169.1	27.5	41.3#
84	143.5	73.9	110.9#

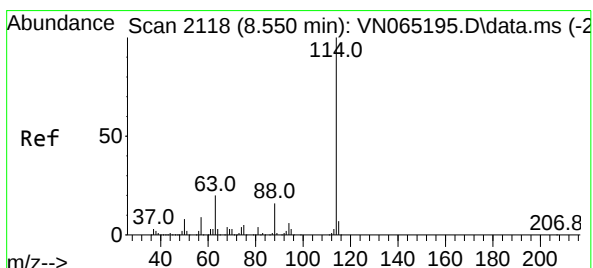
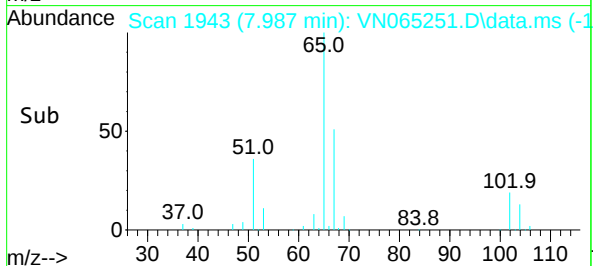
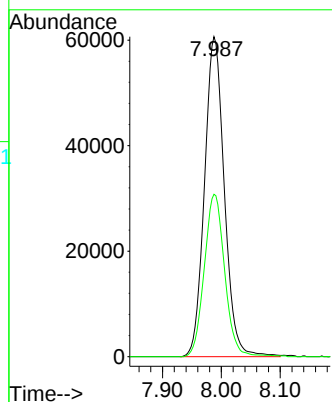
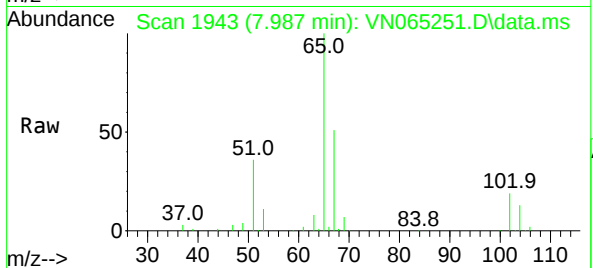




#33
1,2-Dichloroethane-d4
Concen: 51.65 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

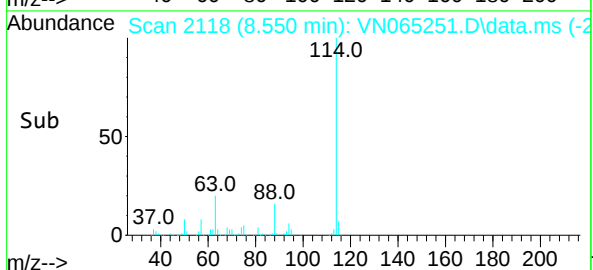
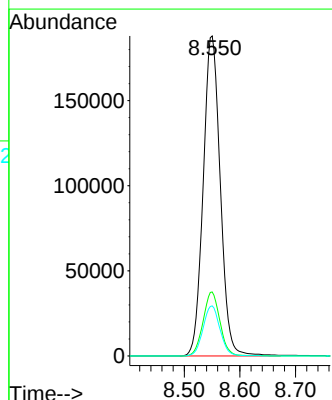
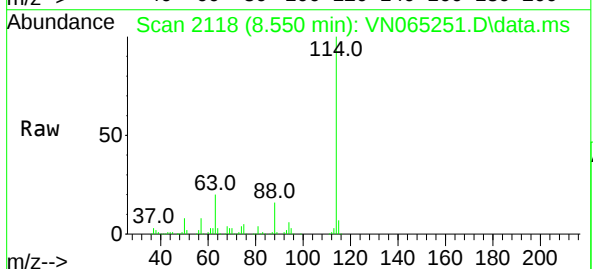
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

Tgt Ion: 65 Resp: 142250
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 114 Resp: 401095
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.6 0.0 32.6

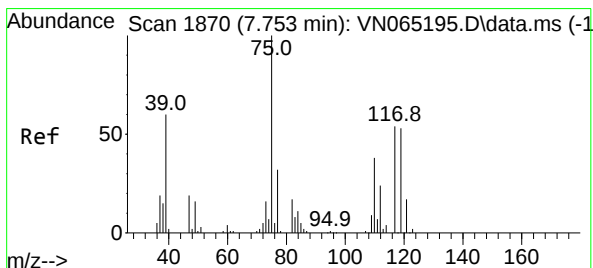
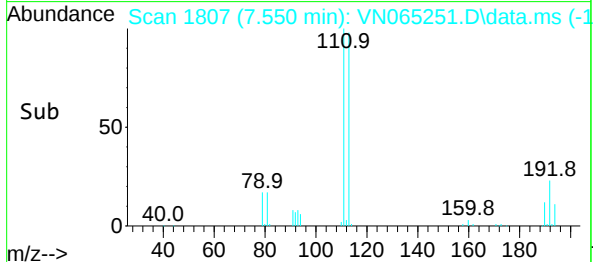
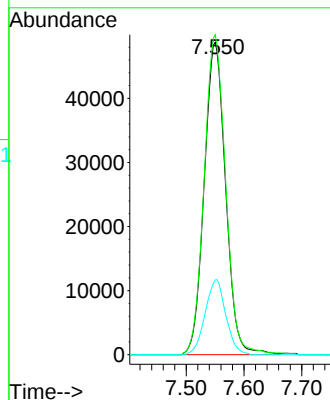
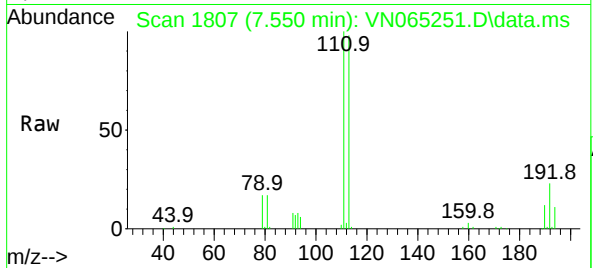




#35
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

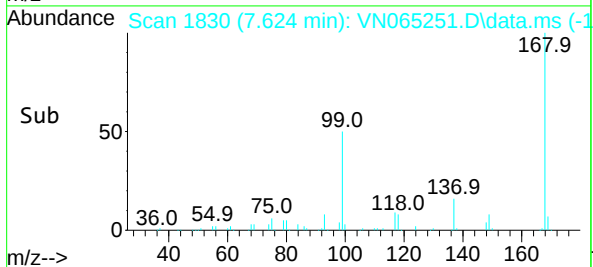
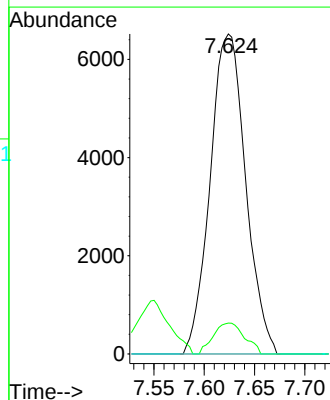
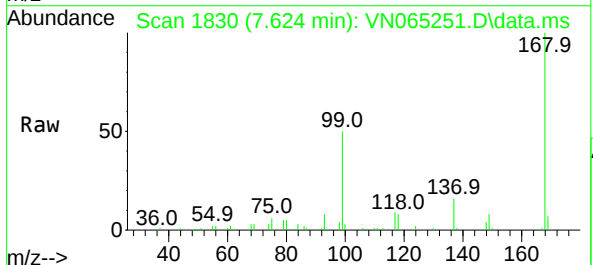
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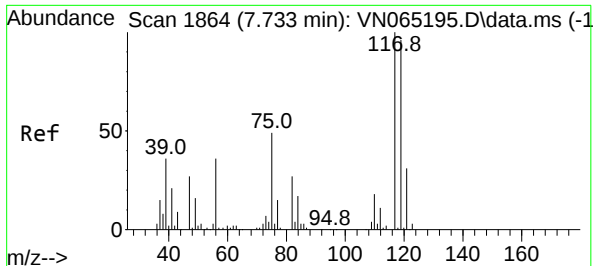
Tgt Ion:113 Resp: 125421
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 23.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

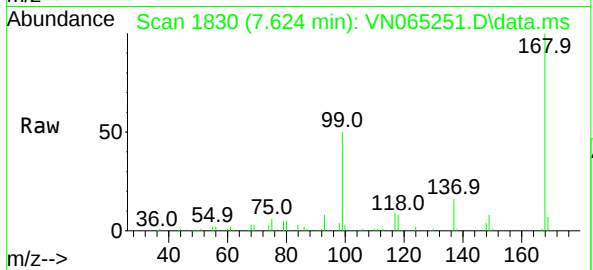
Tgt Ion: 75 Resp: 16015
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



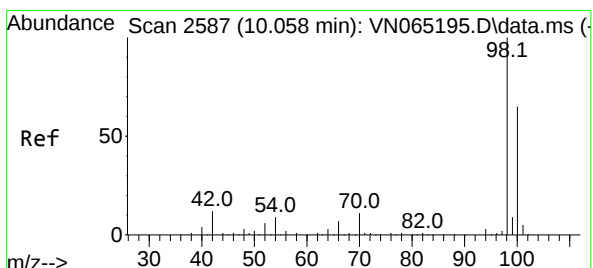
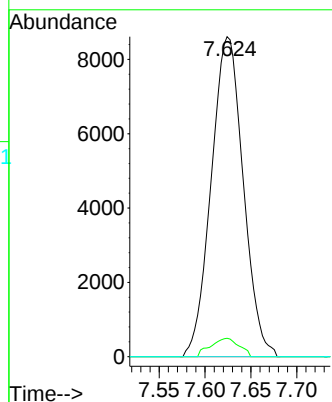
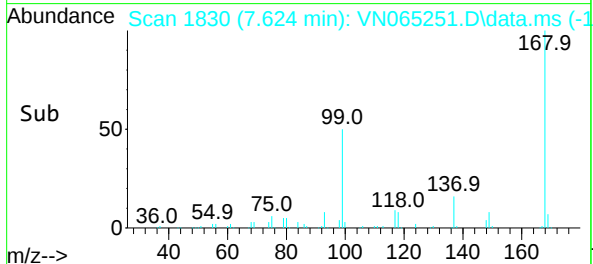


#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

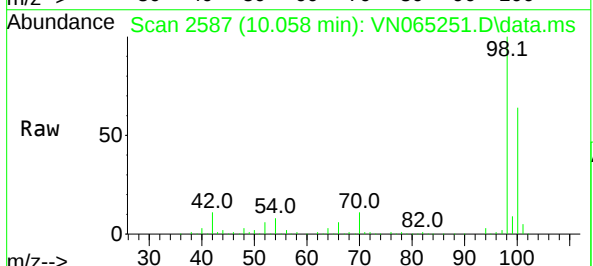
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01



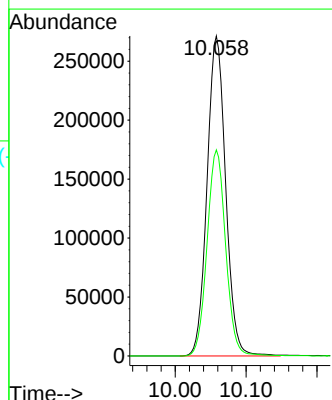
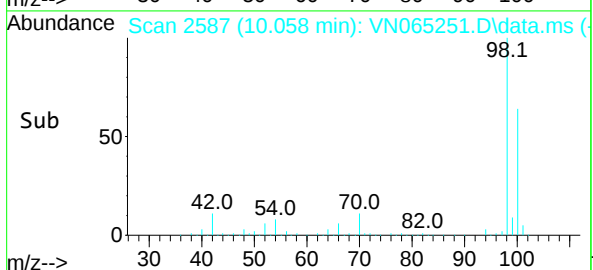
Tgt Ion:117 Resp: 20930
Ion Ratio Lower Upper
117 100
119 5.8 76.7 115.1#
121 0.0 25.4 38.2#

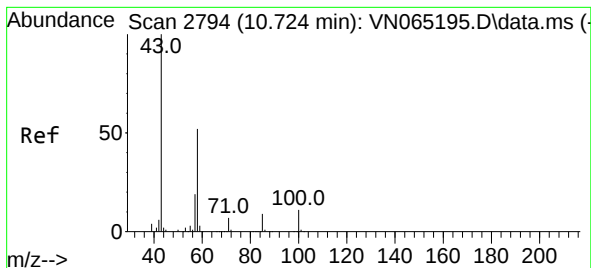


#50
Toluene-d8
Concen: 54.53 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25



Tgt Ion: 98 Resp: 494598
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

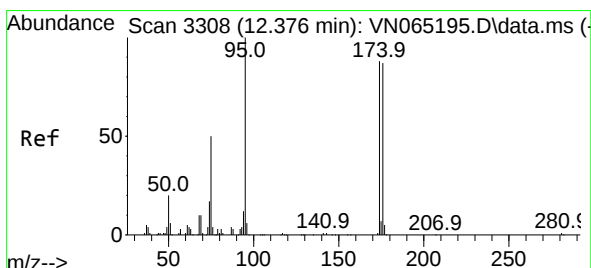
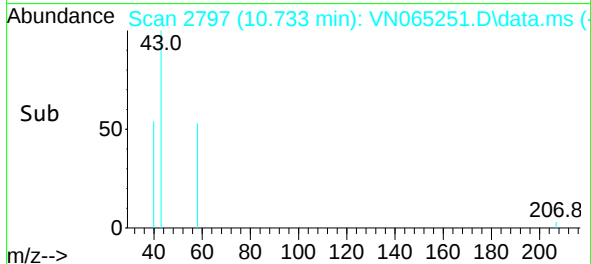
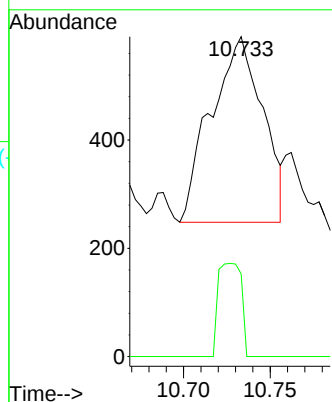
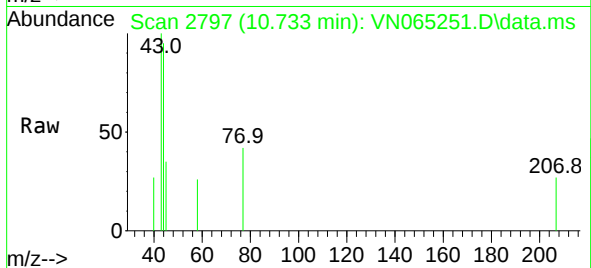




#59
2-Hexanone
Concen: 0.28 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.009 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

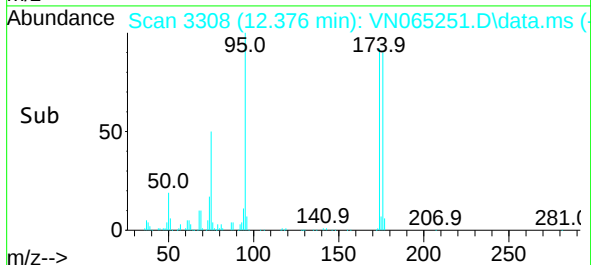
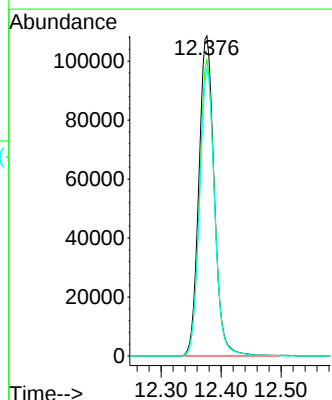
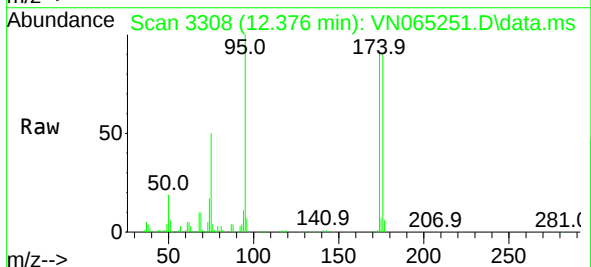
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

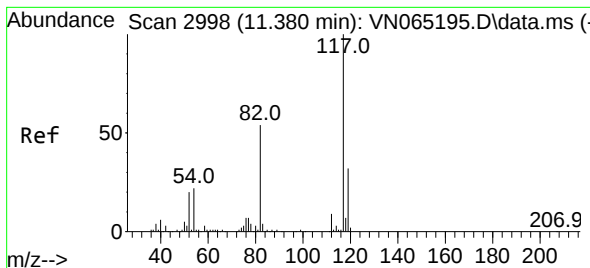
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 22.5 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 53.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 95 Resp: 193850
Ion Ratio Lower Upper
95 100
174 90.6 0.0 160.4
176 87.8 0.0 158.4

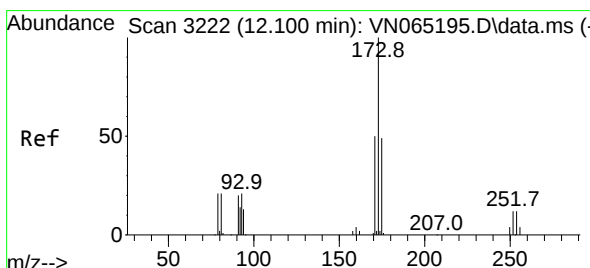
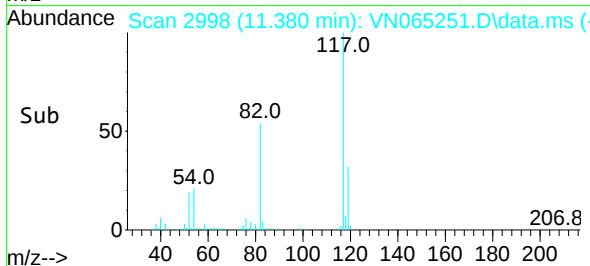
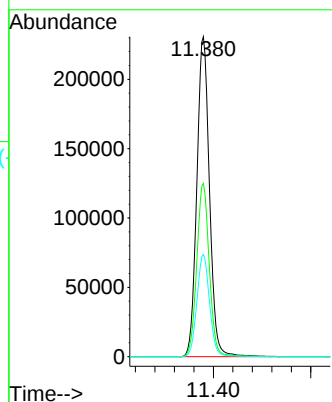
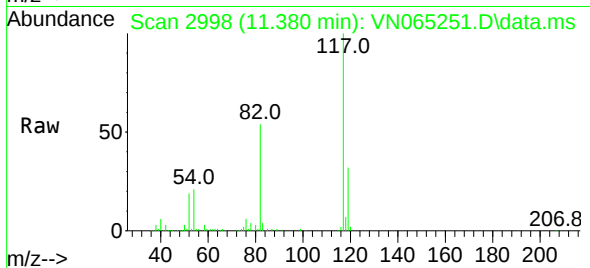




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

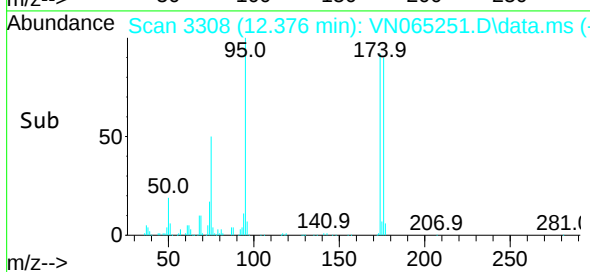
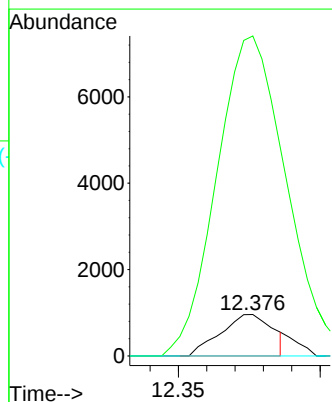
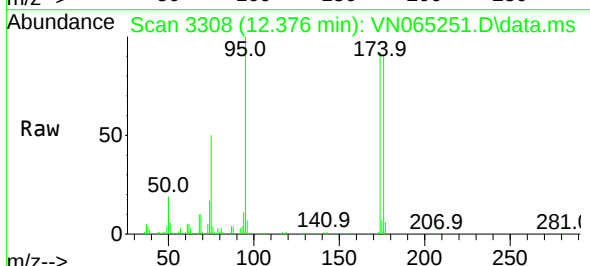
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

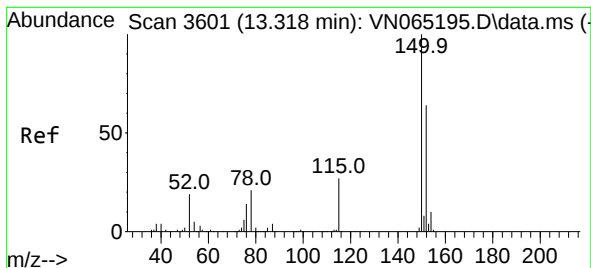
Tgt Ion:117 Resp: 415531
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion:173 Resp: 1223
Ion Ratio Lower Upper
173 100
175 862.6 24.3 72.8#
254 0.0 0.0 0.0

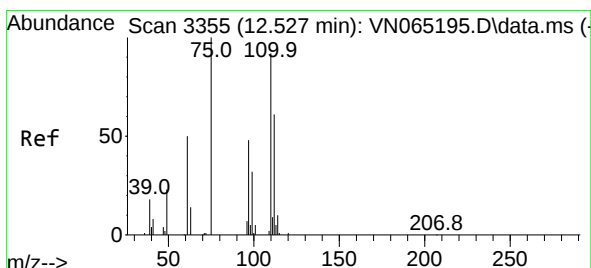
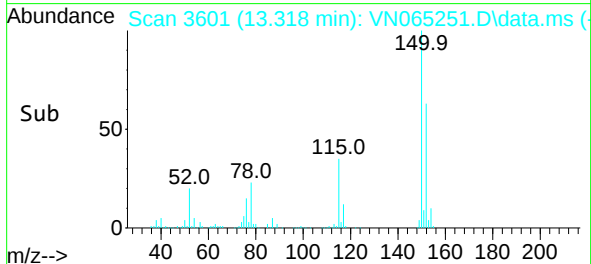
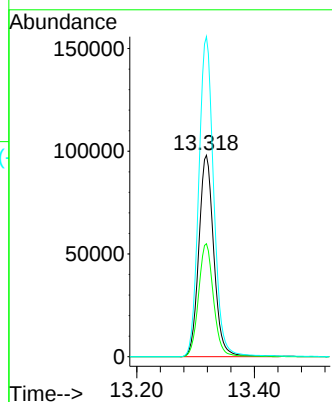
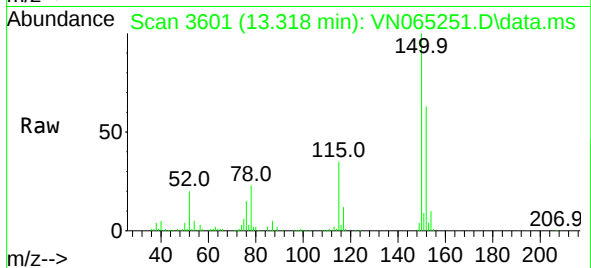




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

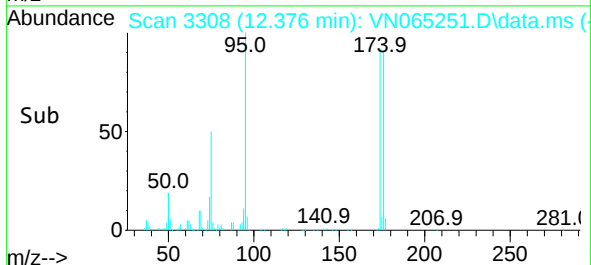
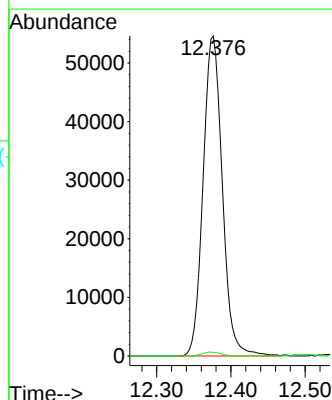
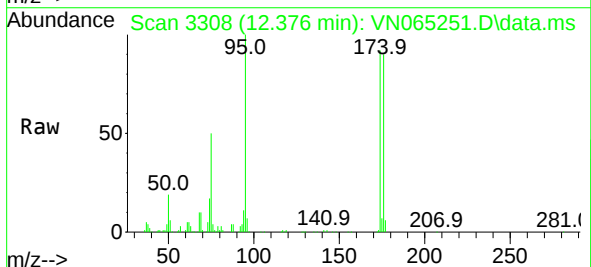
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

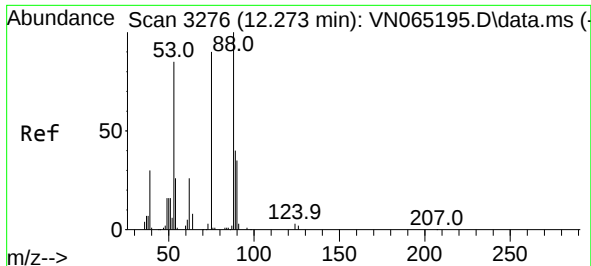
Tgt Ion:152 Resp: 173402
Ion Ratio Lower Upper
152 100
115 56.1 29.7 89.1
150 158.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.70 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion: 75 Resp: 98002
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

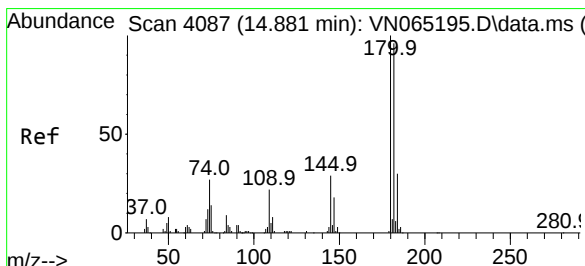
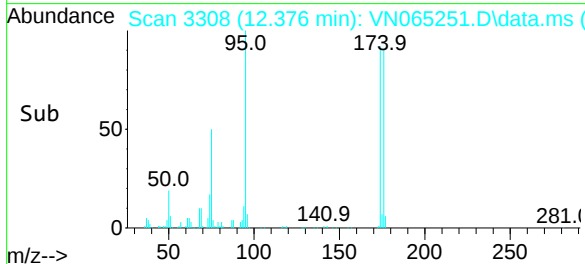
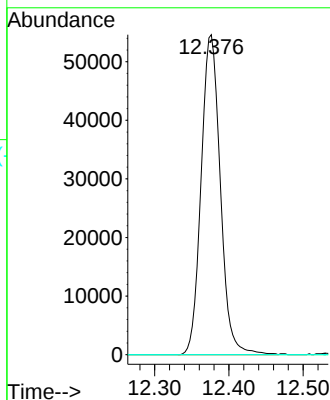
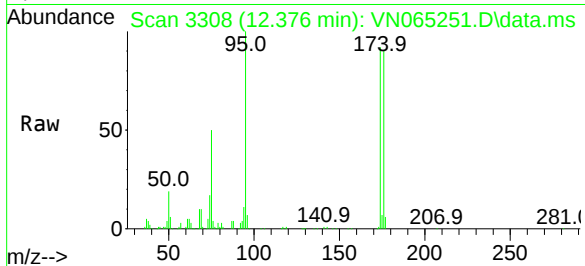




#81
trans-1,4-Dichloro-2-butene
Concen: 69.85 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

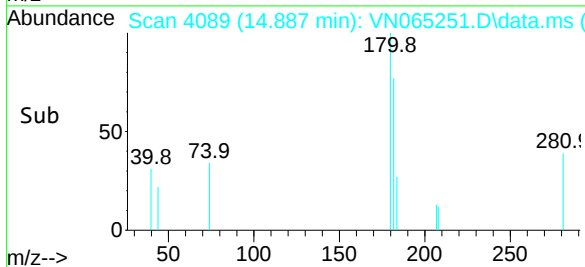
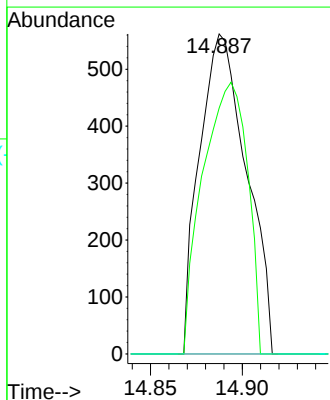
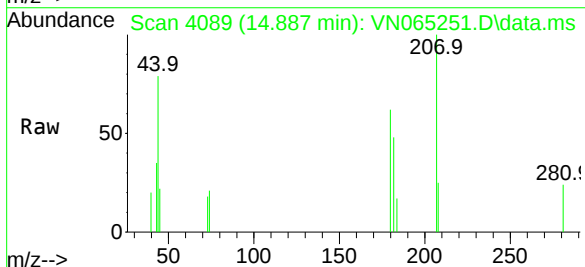
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

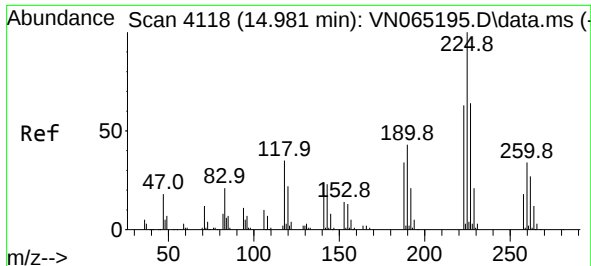
Tgt Ion: 75 Resp: 98002
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.11 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion:180 Resp: 1001
Ion Ratio Lower Upper
180 100
182 80.7 47.6 142.9
145 0.0 15.3 45.8#

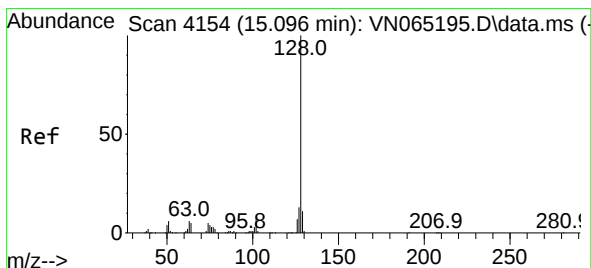
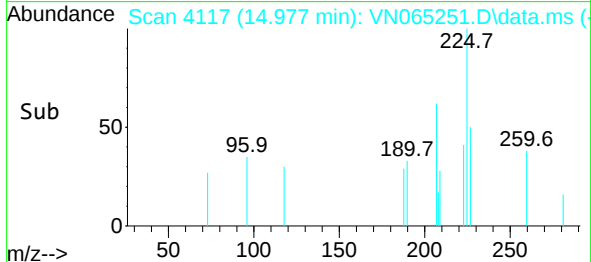
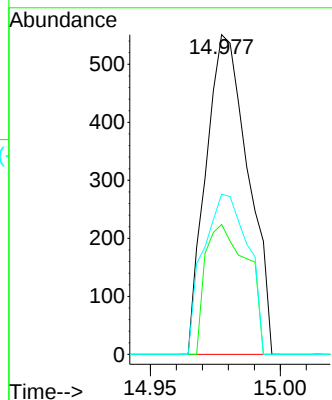
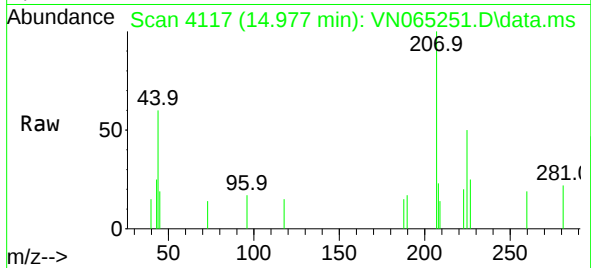




#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. -0.004 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

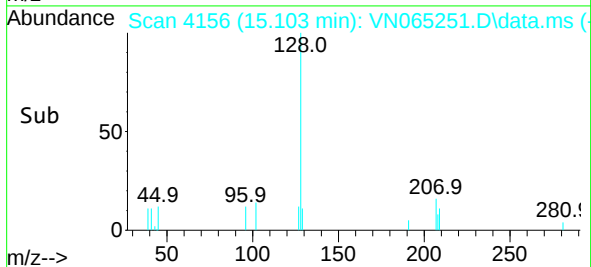
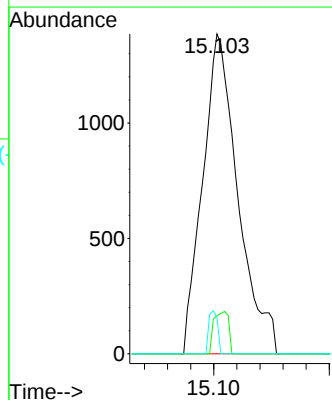
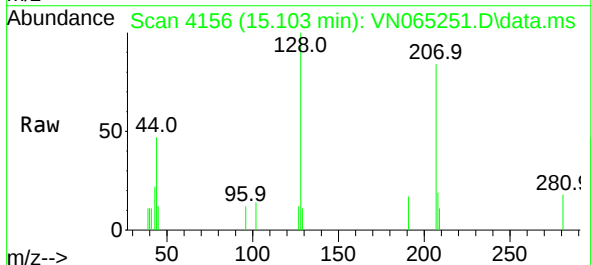
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

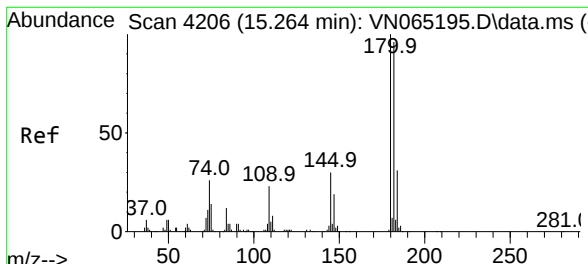
Tgt Ion:225	Resp:	623
Ion	Ratio	Lower Upper
225	100	
223	40.1	31.0 93.0
227	53.0	32.0 96.0



#95
Naphthalene
Concen: 3.68 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065251.D
Acq: 24 Dec 2020 10:25

Tgt Ion:128	Resp:	2936
Ion	Ratio	Lower Upper
128	100	
127	5.5	10.3 15.5#
129	3.4	8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.64 ug/l
 RT: 15.270 min Scan# 4208
 Delta R.T. 0.006 min
 Lab File: VN065251.D
 Acq: 24 Dec 2020 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

Tgt Ion:	180	Resp:	1419
Ion	Ratio	Lower	Upper
180	100		
182	88.2	48.1	144.4
145	27.7	16.4	49.1

