

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065124.D
 Acq On : 15 Dec 2020 1:23
 Operator : JC/MD
 Sample : L5085-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6064-121120

Quant Time: Dec 15 06:43:57 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

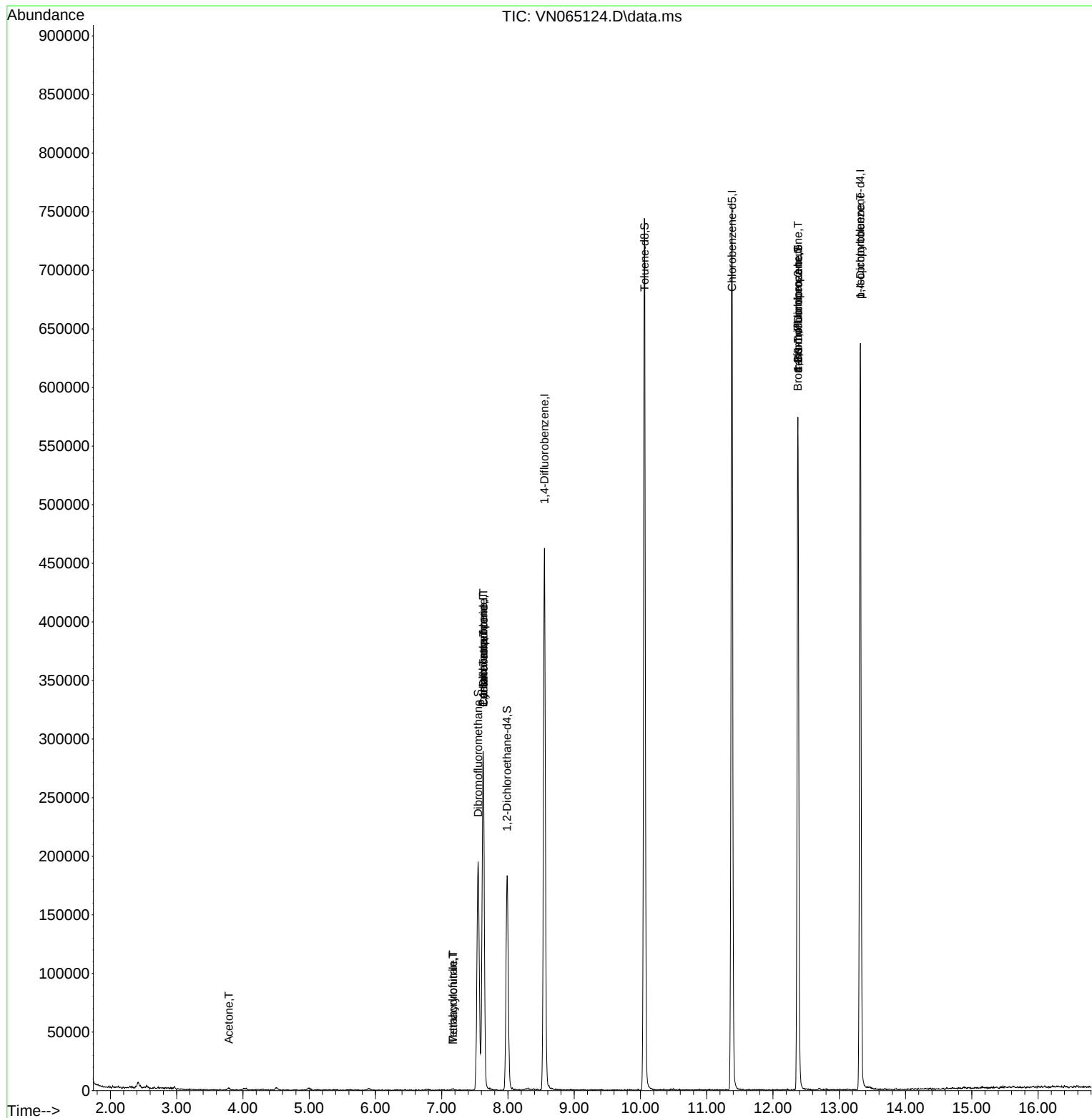
Internal Standards						
1) Pentafluorobenzene	7.627	168	243465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	415677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	456644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	183881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	160008	57.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.32%			
35) Dibromofluoromethane	7.550	113	145156	50.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.48%			
50) Toluene-d8	10.061	98	522058	51.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.20%			
62) 4-Bromofluorobenzene	12.376	95	193709	55.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.10%			
Target Compounds						Qvalue
3) Chloromethane	2.036	50	918	Below Cal		90
5) Bromomethane	2.541	94	338	Below Cal	#	57
16) Acetone	3.785	43	2390	2.29	ug/l	91
20) Methylene Chloride	4.499	84	781	Below Cal	#	54
29) Tetrahydrofuran	7.171	42	527	0.64	ug/l	# 36
31) Cyclohexane	7.627	56	5166	1.36	ug/l	# 24
36) 1,1-Dichloropropene	7.624	75	18079	4.55	ug/l	# 51
38) Carbon Tetrachloride	7.627	117	22990	5.02	ug/l	# 16
41) Methacrylonitrile	7.174	41	511	0.32	ug/l	# 37
71) Bromoform	12.373	173	946	0.32	ug/l	# 1
76) 1,2,3-Trichloropropane	12.376	75	95038	28.80	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.376	75	95038	80.15	ug/l	# 15
86) p-Isopropyltoluene	13.318	119	63	1.07	ug/l	# 1

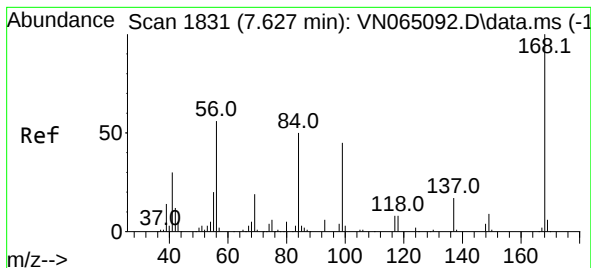
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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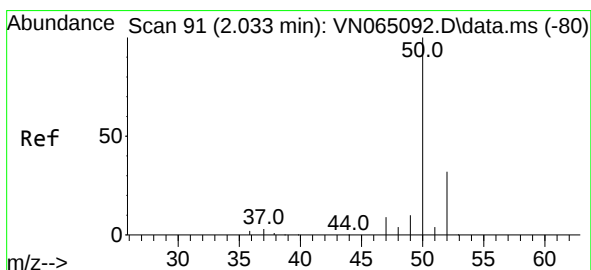
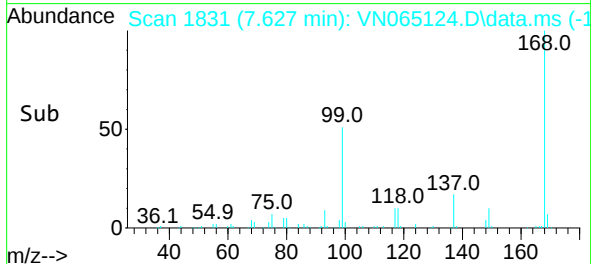
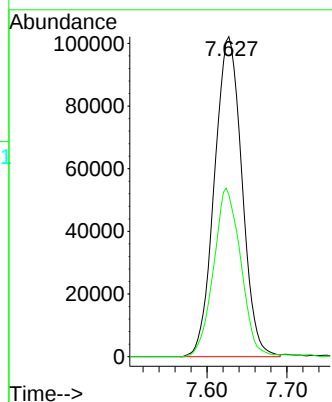
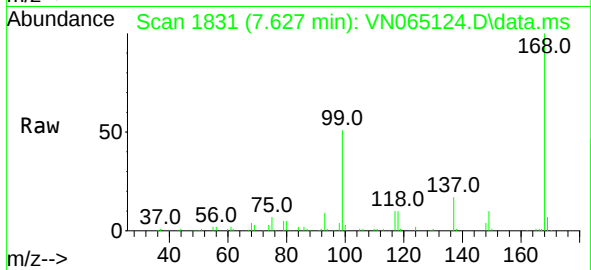




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

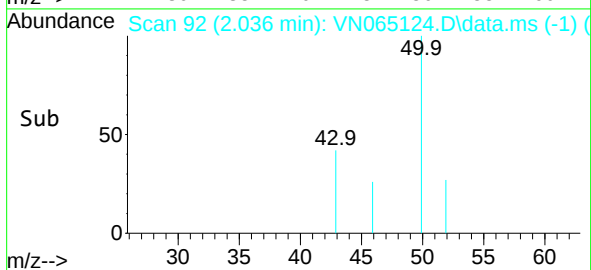
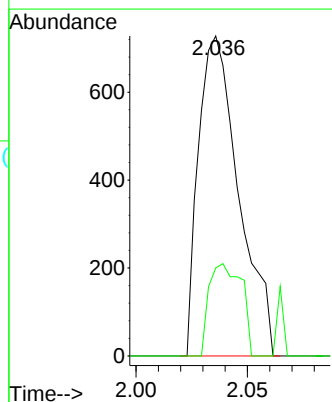
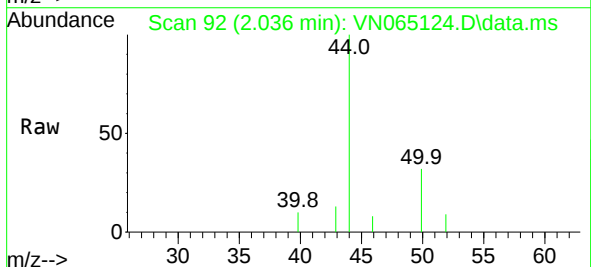
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

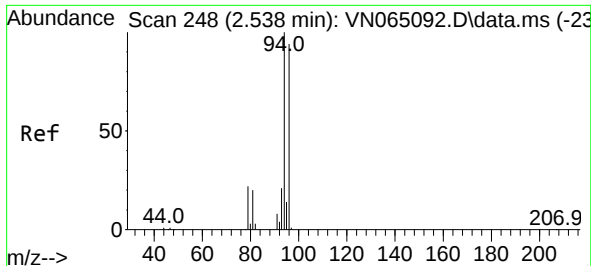
Tgt Ion:168 Resp: 243465
Ion Ratio Lower Upper
168 100
99 50.7 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.036 min Scan# 92
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 50 Resp: 918
Ion Ratio Lower Upper
50 100
52 27.5 26.6 39.8

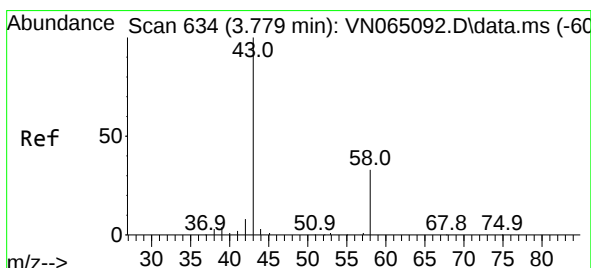
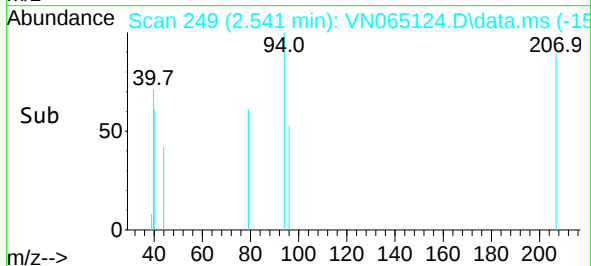
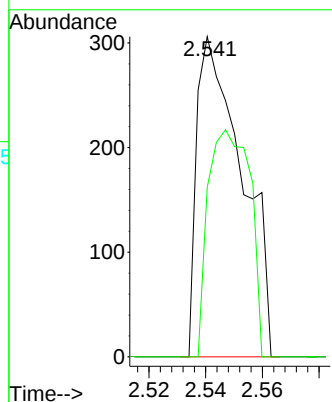
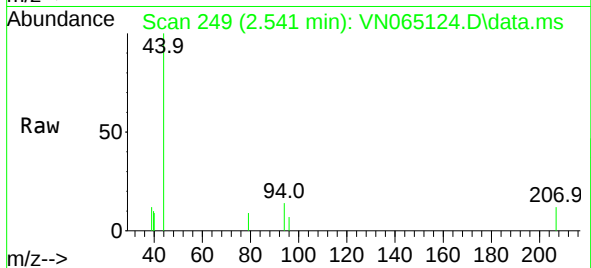




#5
Bromomethane
Concen: Below Cal
RT: 2.541 min Scan# 249
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

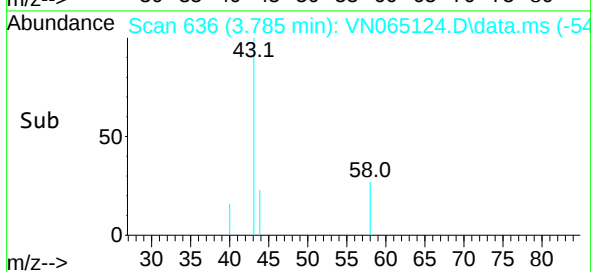
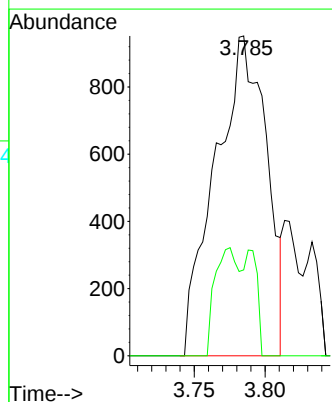
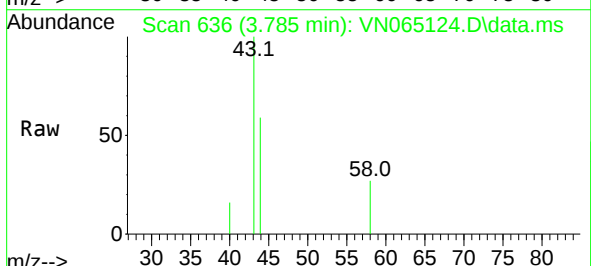
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

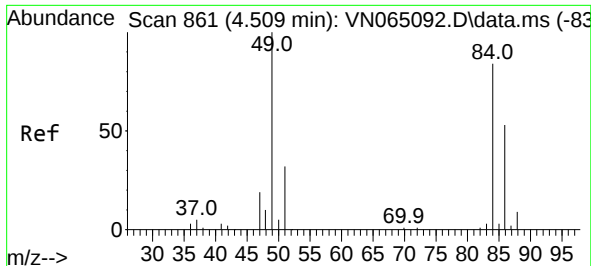
Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 52.9 75.4 113.0#



#16
Acetone
Concen: 2.29 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.006 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

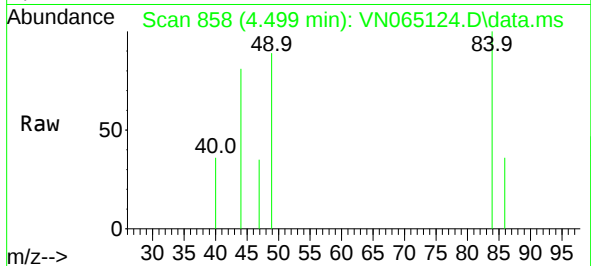
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 26.9 25.7 38.5





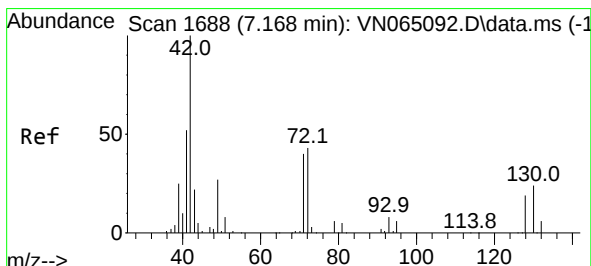
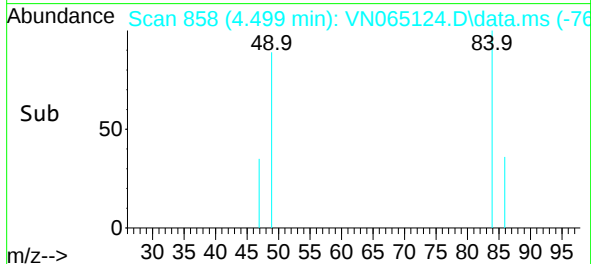
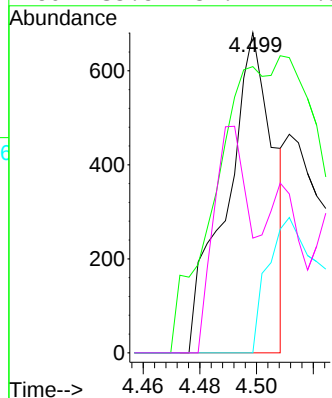
#20
Methylene Chloride
Concen: Below Cal
RT: 4.499 min Scan# 858
Delta R.T. -0.010 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120



Tgt Ion: 84 Resp: 781

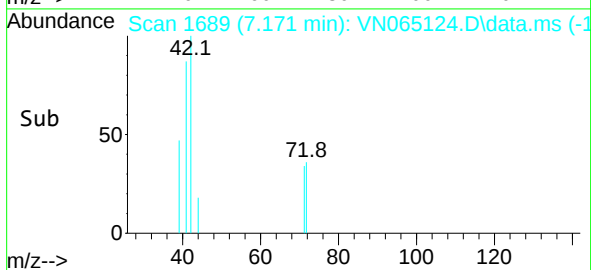
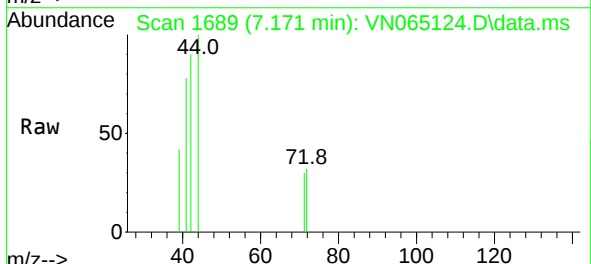
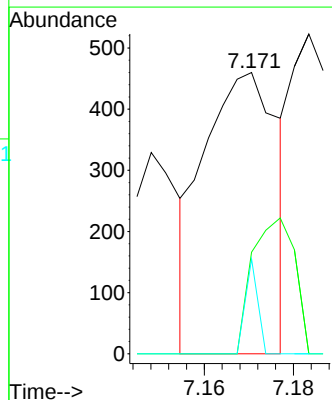
Ion	Ratio	Lower	Upper
84	100		
49	65.2	93.4	140.0#
51	0.0	28.2	42.4#
86	35.8	51.7	77.5#

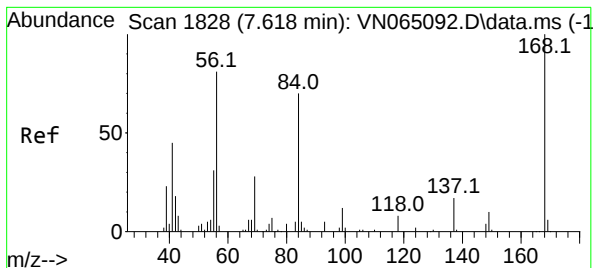


#29
Tetrahydrofuran
Concen: 0.64 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 42 Resp: 527

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	5.7	33.6	50.4#

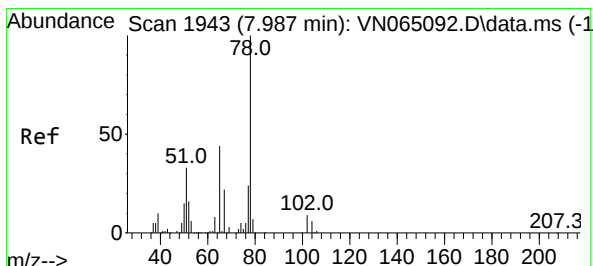
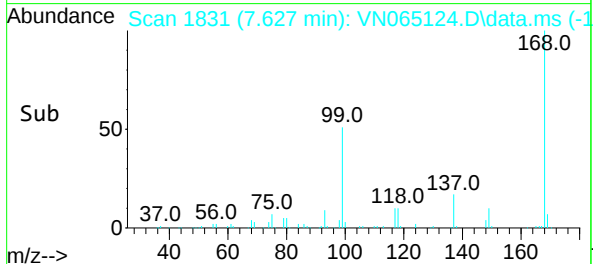
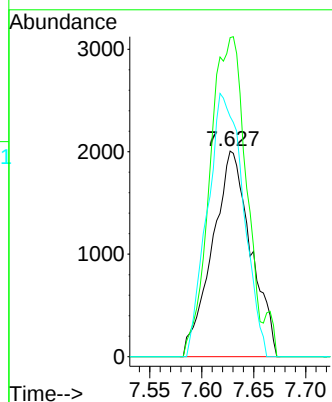
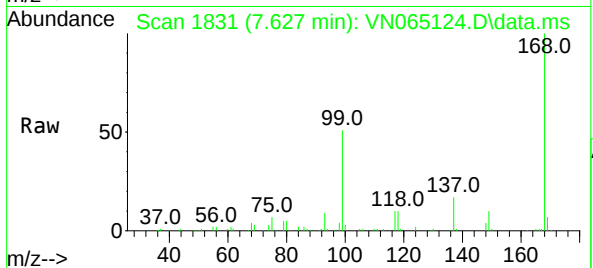




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.009 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

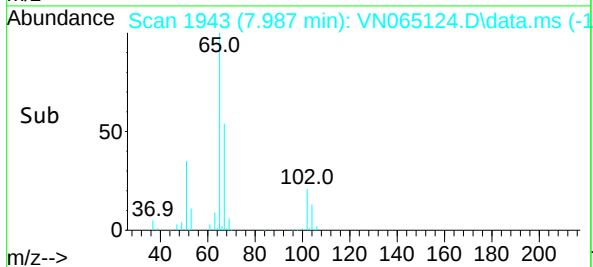
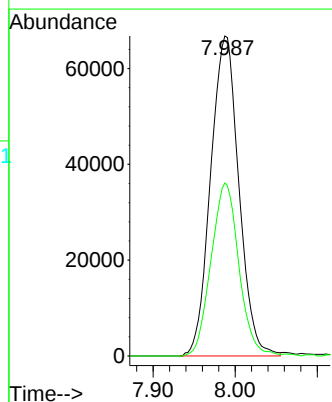
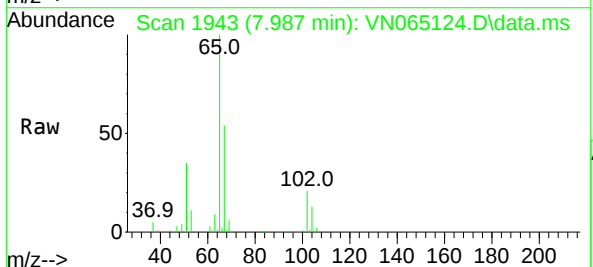
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

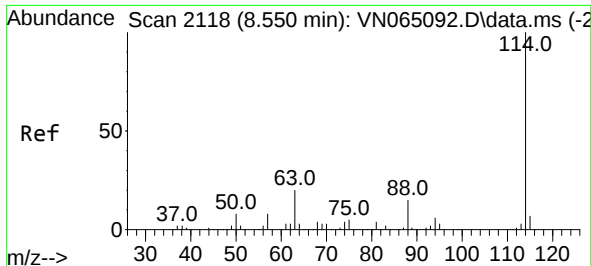
Tgt Ion: 56 Resp: 5166
Ion Ratio Lower Upper
56 100
69 155.2 27.5 41.3#
84 116.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 57.16 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 65 Resp: 160008
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

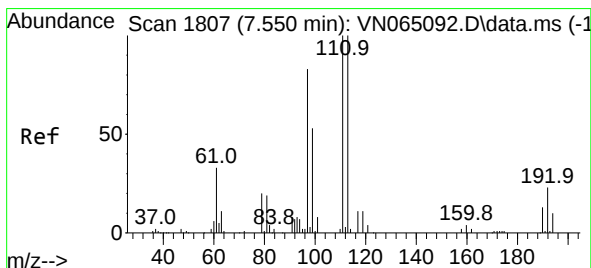
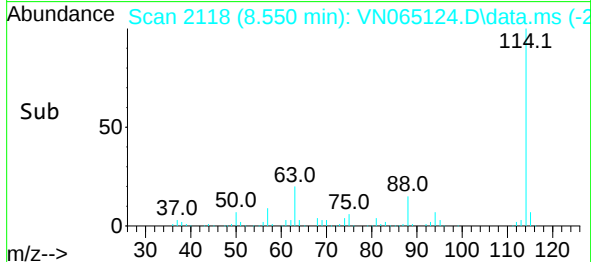
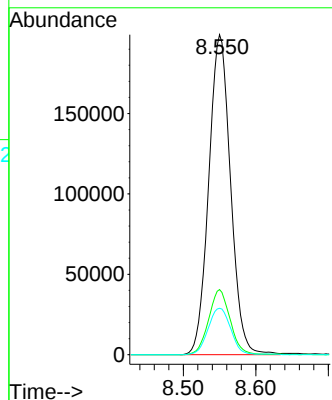
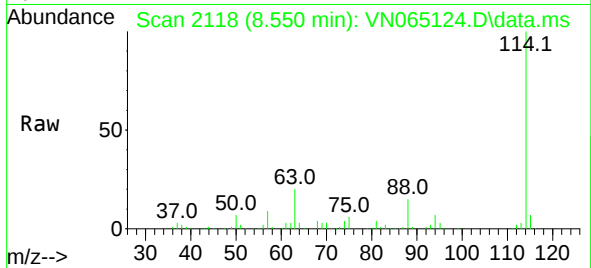




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

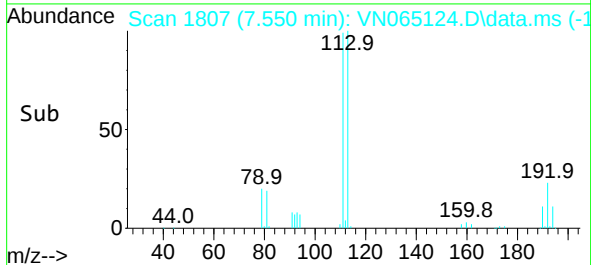
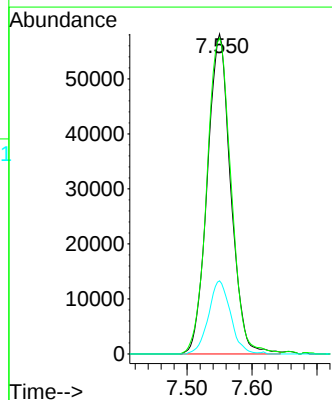
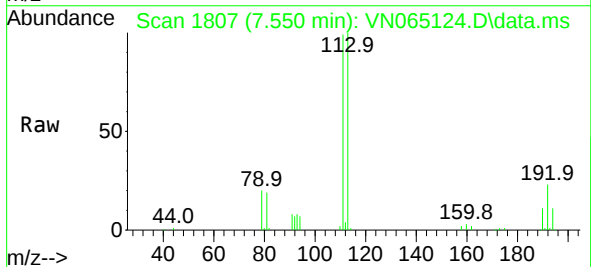
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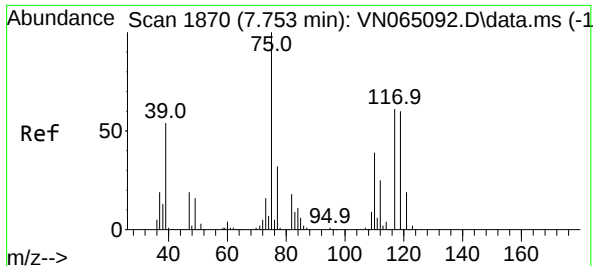
Tgt Ion:114 Resp: 415677
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 14.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.24 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion:113 Resp: 145156
Ion Ratio Lower Upper
113 100
111 102.7 81.6 122.4
192 21.5 16.2 24.2

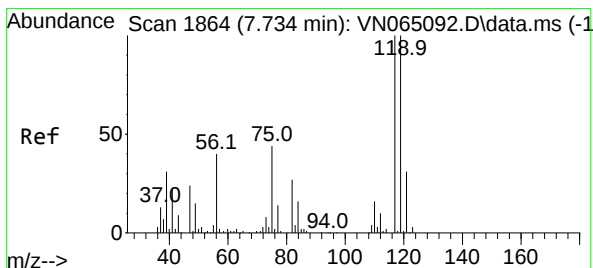
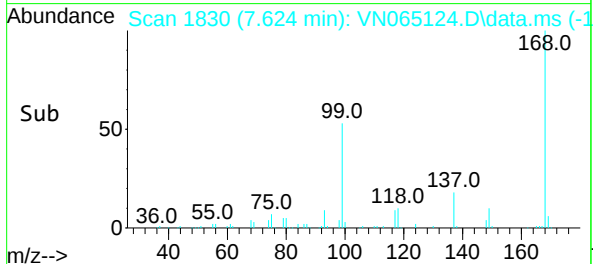
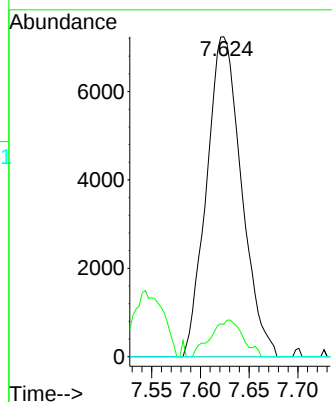
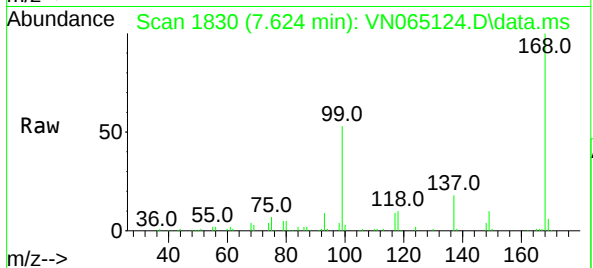




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

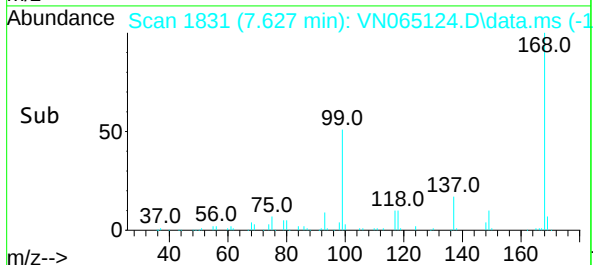
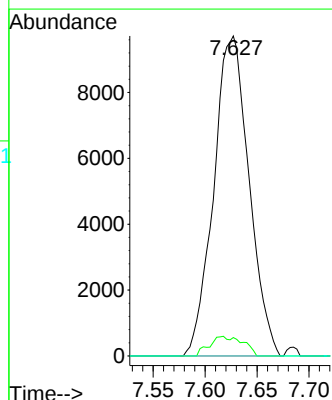
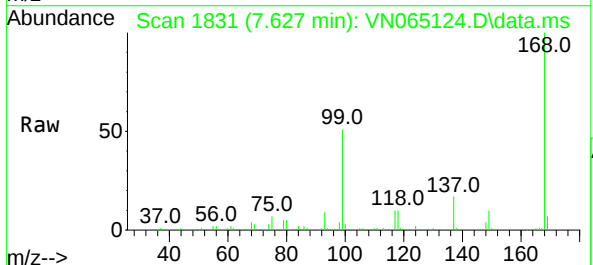
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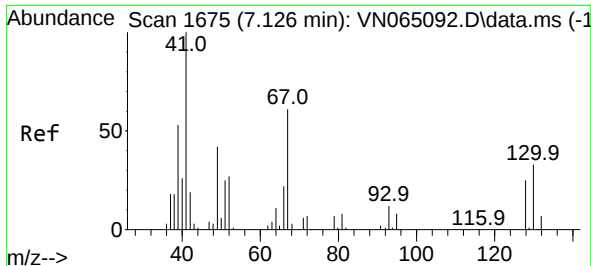
Tgt Ion: 75 Resp: 18079
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.02 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 117 Resp: 22990
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.4 38.2#

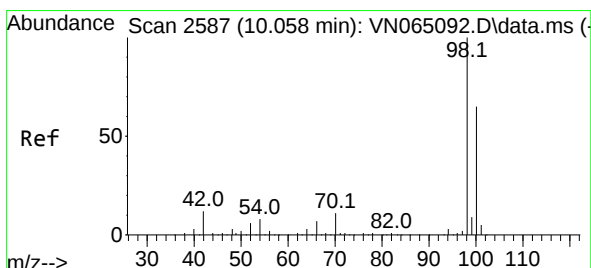
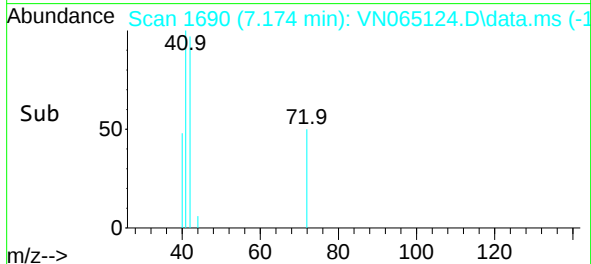
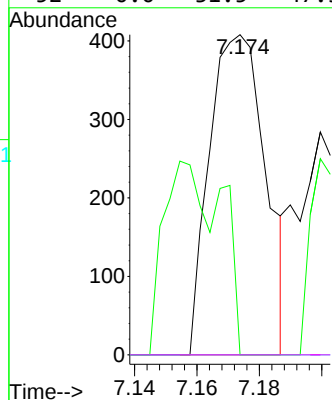
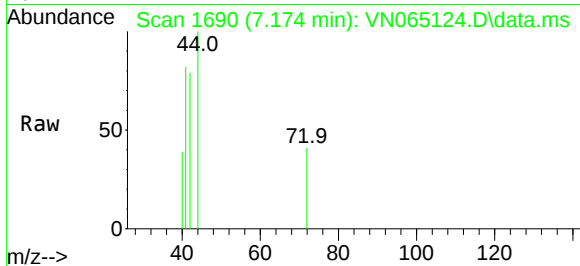




#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.048 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

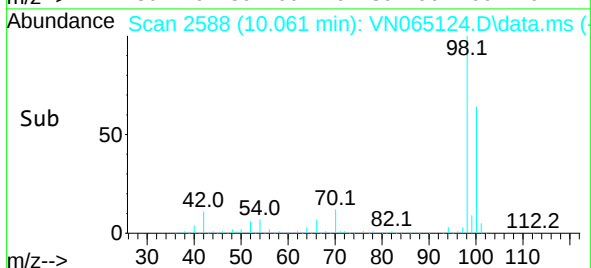
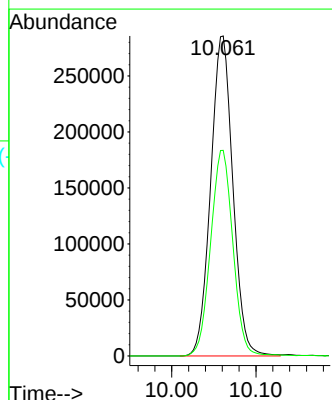
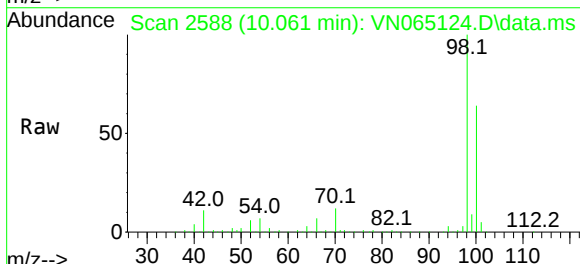
Instrument :
MSVOA_N
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TU032-32-6064-121120

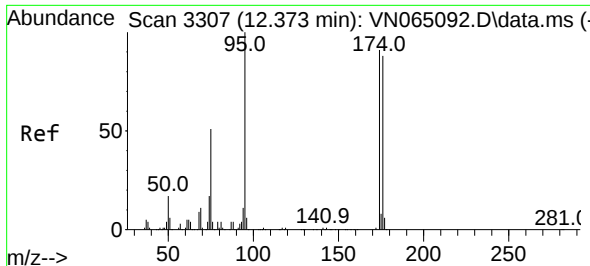
Tgt Ion: 41	Resp: 511
Ion Ratio	Lower Upper
41	100
39	61.4 51.0 76.6
67	0.0 79.8 119.8#
52	0.0 31.5 47.3#



#50
Toluene-d8
Concen: 51.10 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 98	Resp: 522058
Ion Ratio	Lower Upper
98	100
100	64.5 51.7 77.5

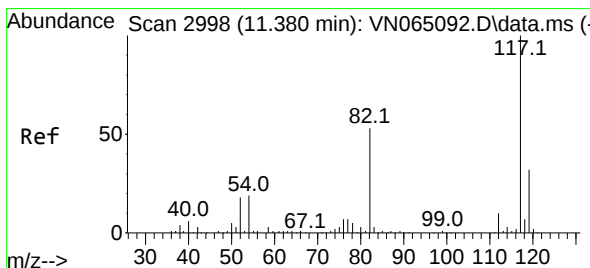
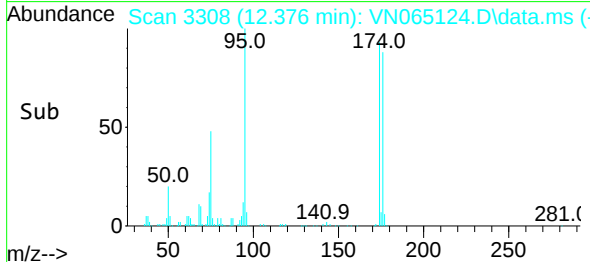
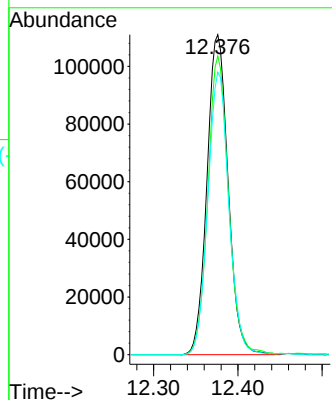
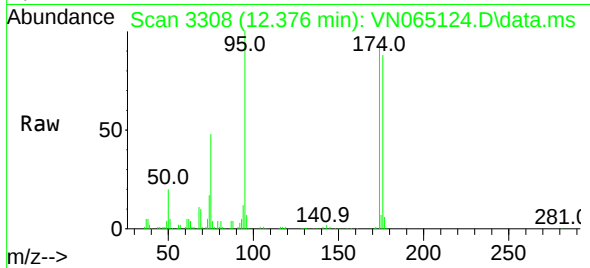




#62
4-Bromofluorobenzene
Concen: 55.05 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

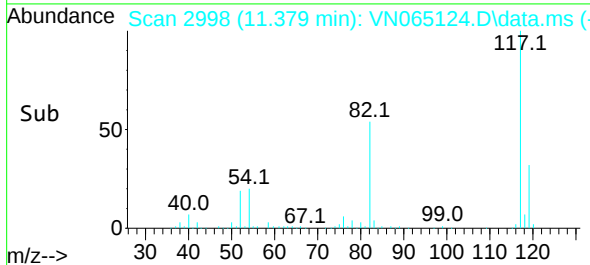
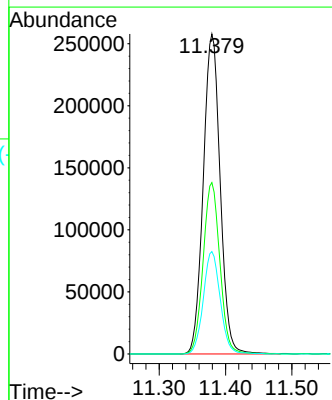
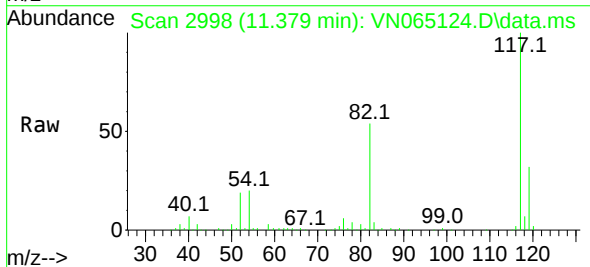
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

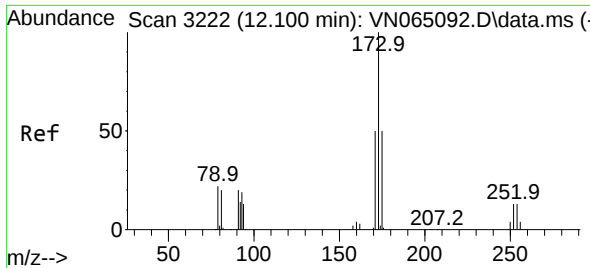
Tgt Ion: 95 Resp: 193709
Ion Ratio Lower Upper
95 100
174 91.4 0.0 160.4
176 87.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion: 117 Resp: 456644
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.0 25.8 38.6

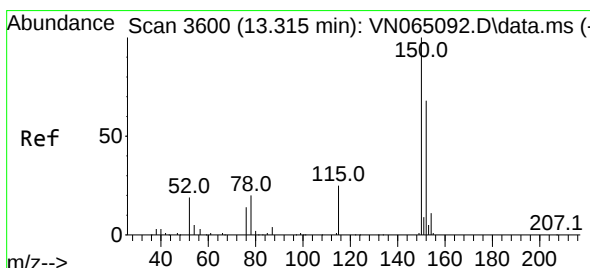
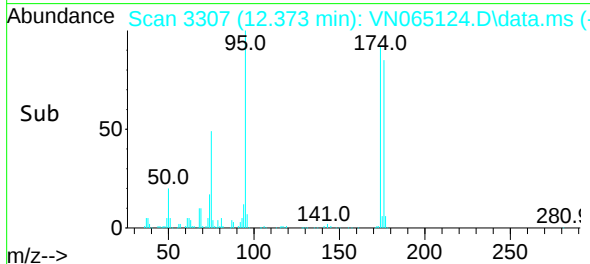
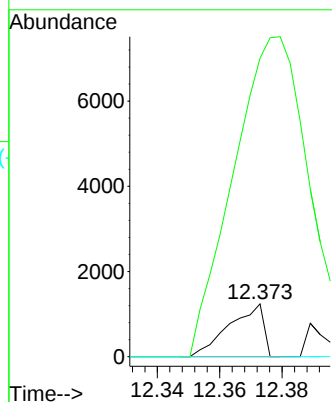
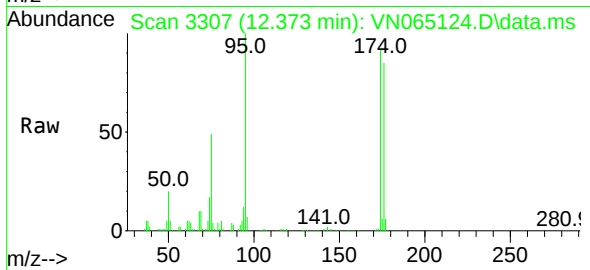




#71
Bromoform
Concen: 0.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

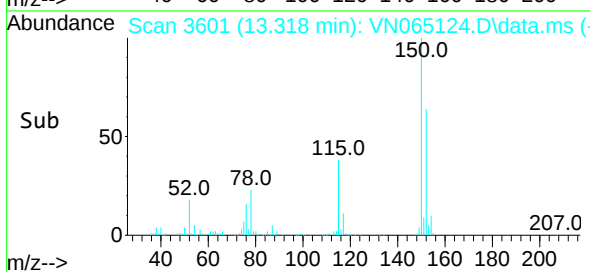
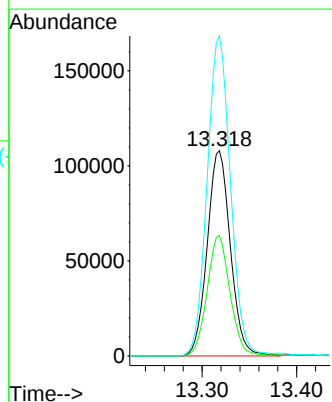
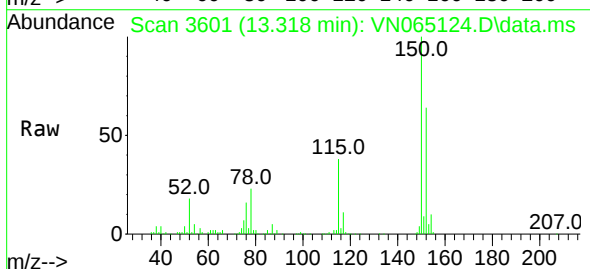
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

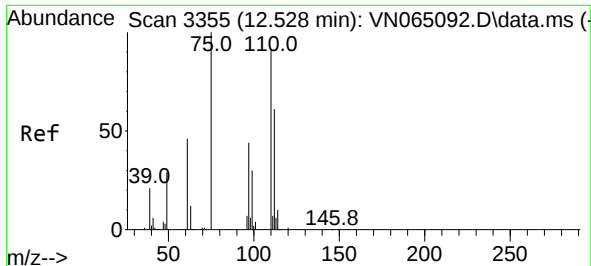
Tgt Ion:173 Resp: 946
Ion Ratio Lower Upper
173 100
175 1131.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

Tgt Ion:152 Resp: 183881
Ion Ratio Lower Upper
152 100
115 57.9 29.7 89.1
150 157.0 0.0 350.6

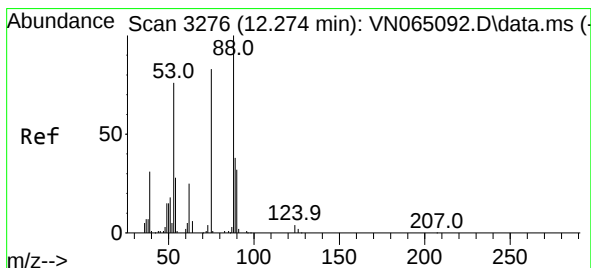
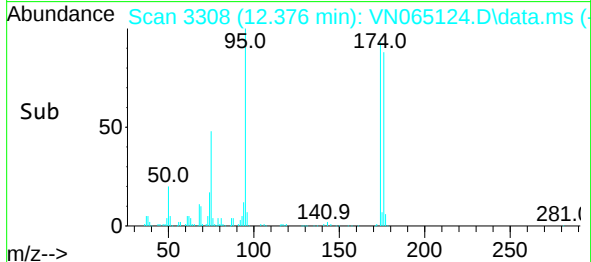
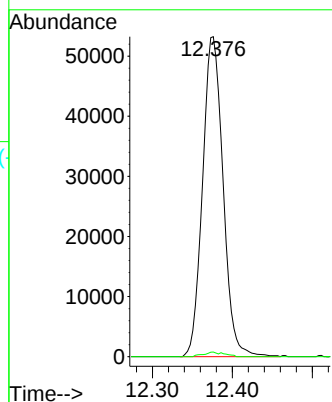
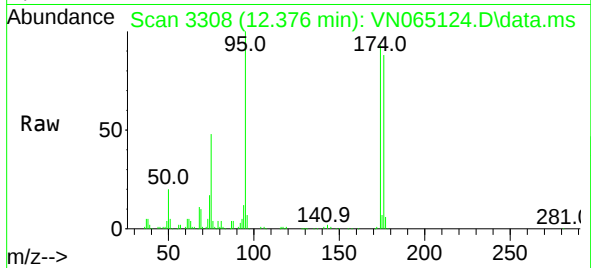




#76
1,2,3-Trichloropropane
Concen: 28.80 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

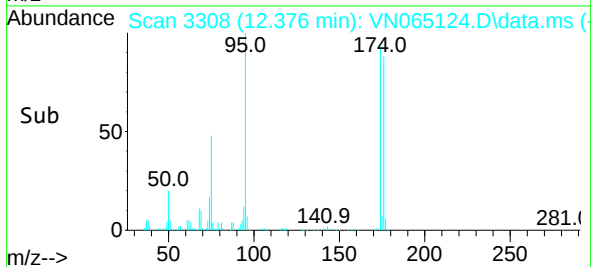
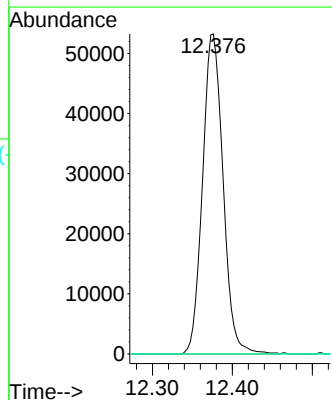
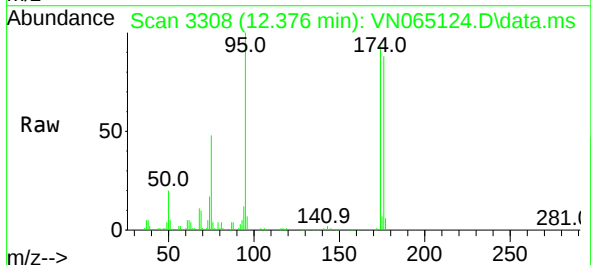
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6064-121120

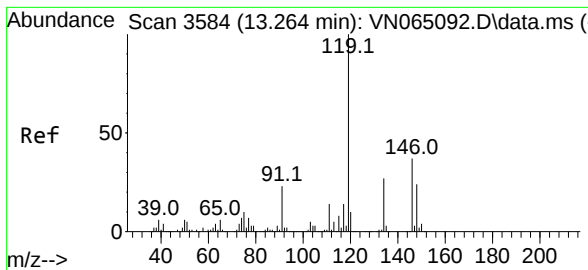
Tgt Ion: 75 Resp: 95038
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065124.D
Acq: 15 Dec 2020 1:23

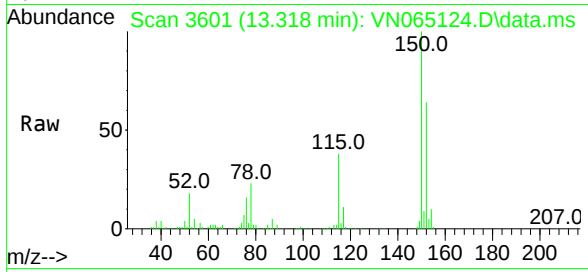
Tgt Ion: 75 Resp: 95038
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#86
 p-Isopropyltoluene
 Concen: 1.07 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.054 min
 Lab File: VN065124.D
 Acq: 15 Dec 2020 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6064-121120



Tgt Ion:	119	Resp:	63
Ion	Ratio	Lower	Upper
119	100		
134	182.5	13.1	39.1#
91	641.3	11.5	34.5#

