

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065132.D
 Acq On : 15 Dec 2020 4:32
 Operator : JC/MD
 Sample : L5053-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20201209

Quant Time: Dec 15 06:46:39 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)

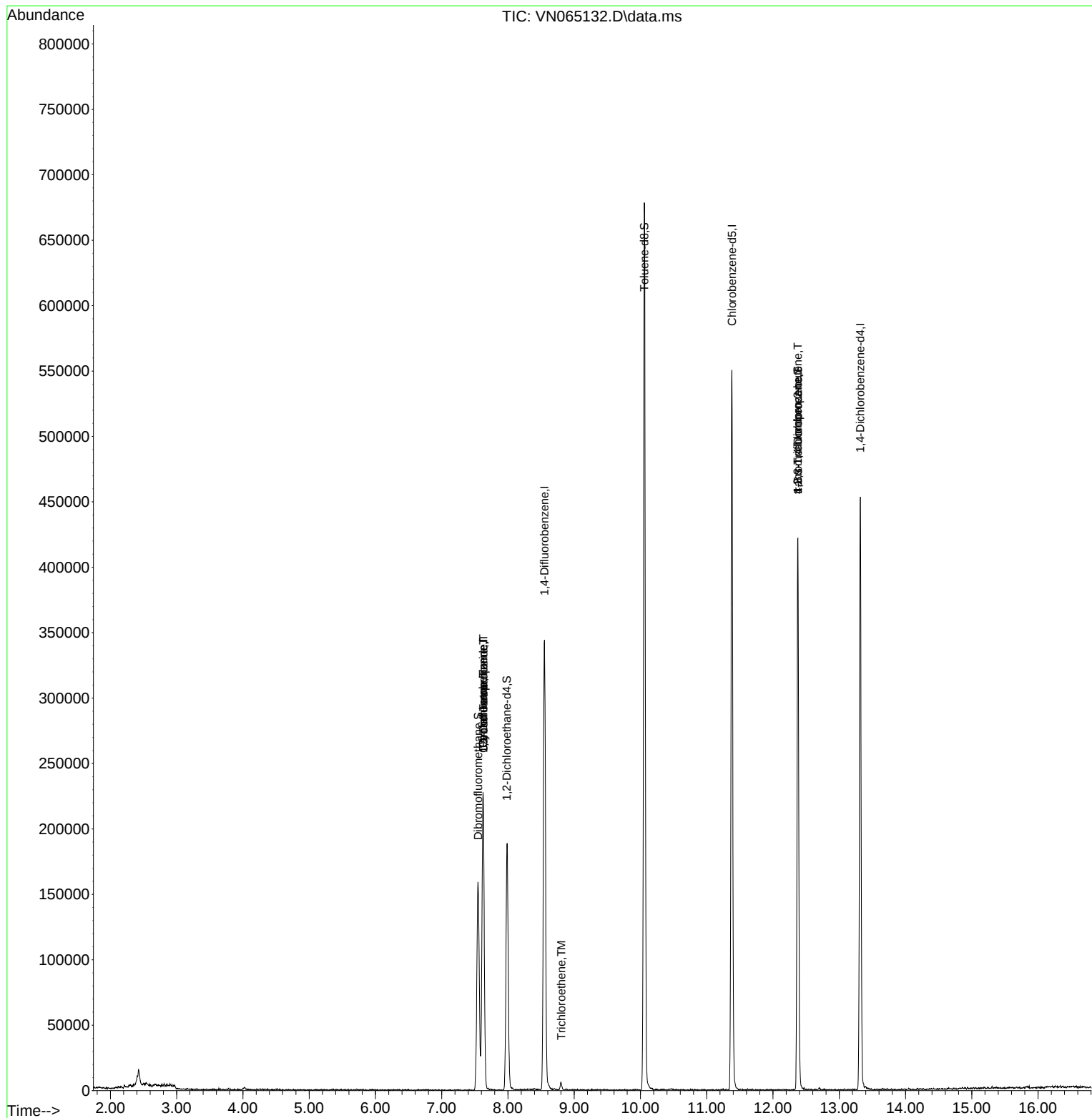
Internal Standards						
1) Pentafluorobenzene	7.624	168	167654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	304294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	278780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	109447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	169304	87.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 175.68%#			
35) Dibromofluoromethane	7.550	113	114851	54.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.60%			
50) Toluene-d8	10.058	98	449121	60.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 120.10%			
62) 4-Bromofluorobenzene	12.373	95	132131	51.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.60%			
Target Compounds						
3) Chloromethane	2.029	50	122	Below Cal	#	41
5) Bromomethane	2.544	94	92	Below Cal	#	3
20) Methylene Chloride	4.518	84	104	Below Cal	#	60
31) Cyclohexane	7.624	56	5157	1.97	ug/l #	56
36) 1,1-Dichloropropene	7.627	75	14972	5.15	ug/l #	50
38) Carbon Tetrachloride	7.627	117	19093	5.69	ug/l #	16
44) Trichloroethene	8.807	130	1775	0.70	ug/l	98
76) 1,2,3-Trichloropropane	12.373	75	80322	40.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	80322	113.80	ug/l #	15

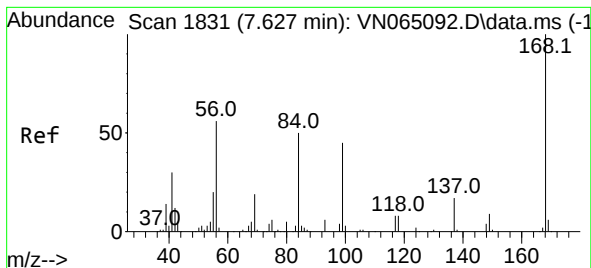
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration

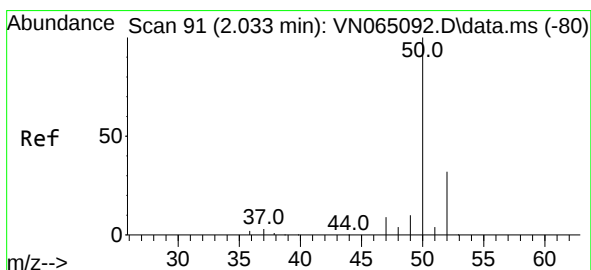
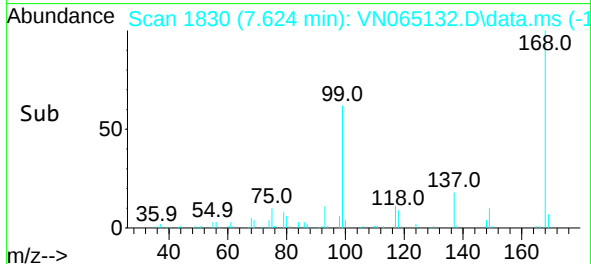
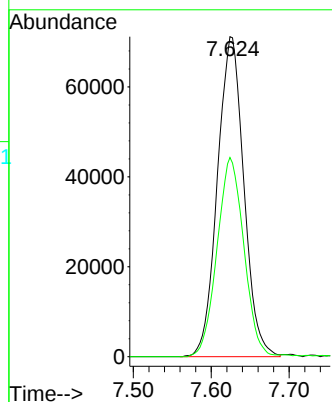
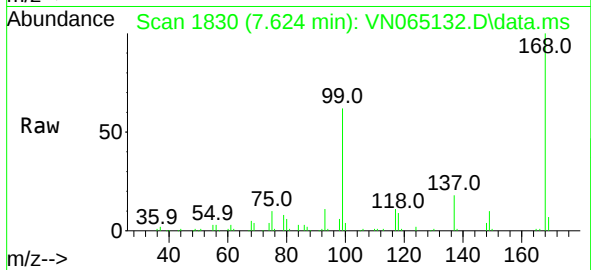




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

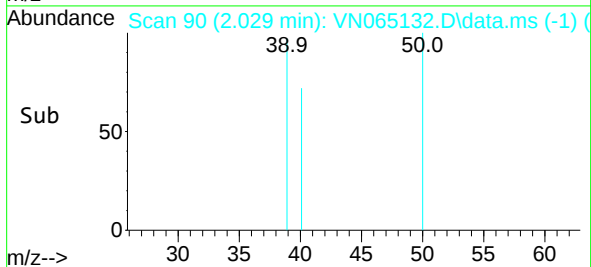
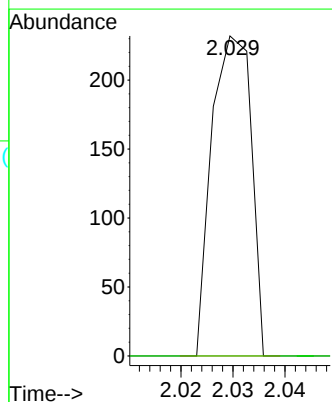
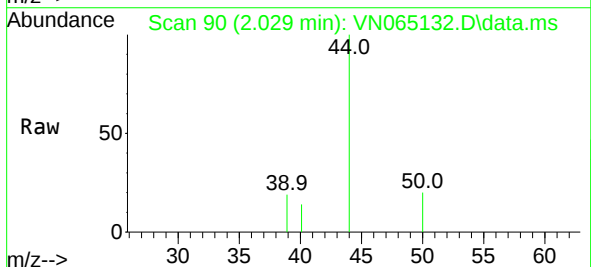
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

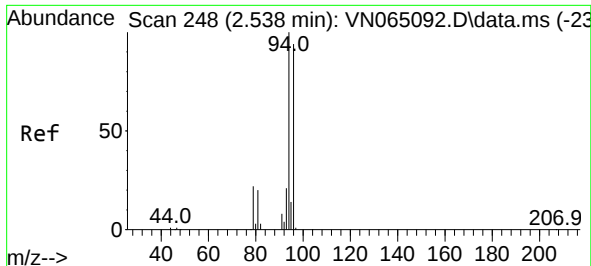
Tgt Ion:168 Resp: 167654
Ion Ratio Lower Upper
168 100
99 62.3 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.029 min Scan# 90
Delta R.T. -0.004 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Tgt Ion: 50 Resp: 122
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

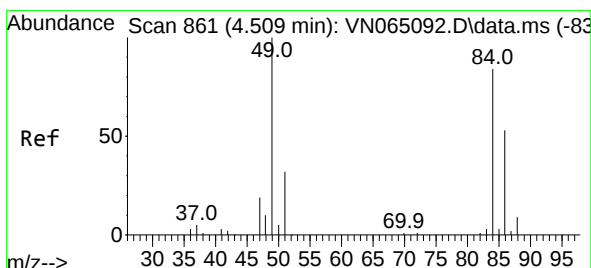
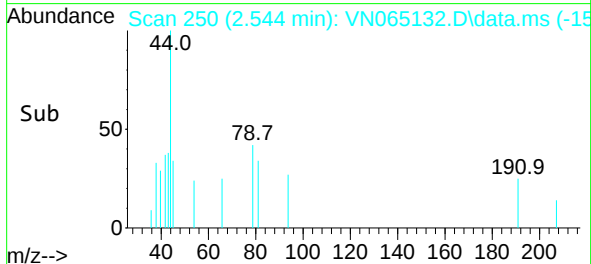
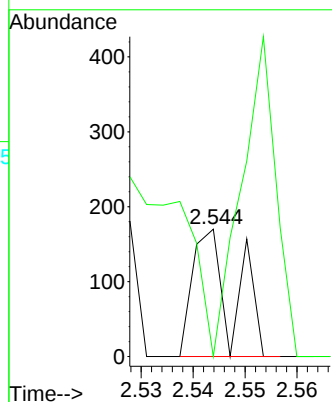
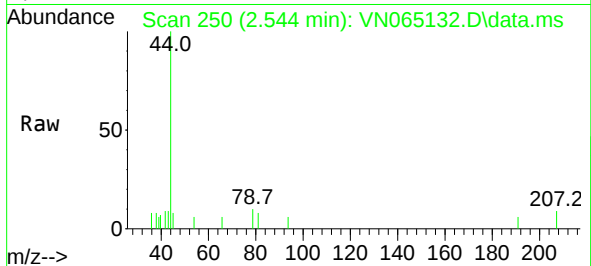




#5
Bromomethane
Concen: Below Cal
RT: 2.544 min Scan# 250
Delta R.T. 0.006 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

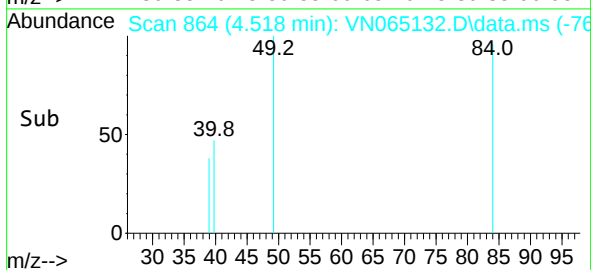
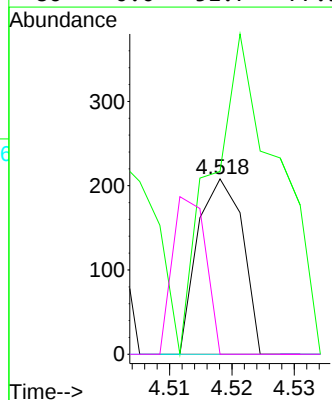
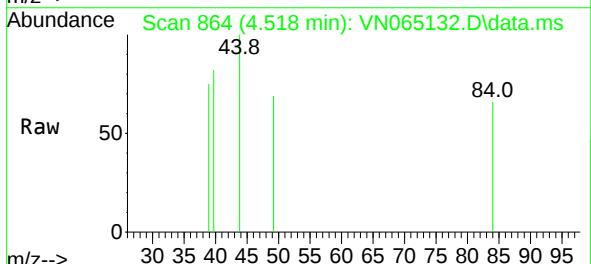
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

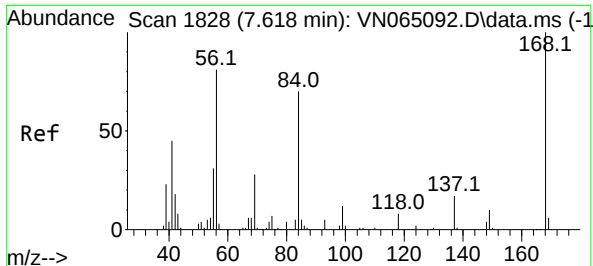
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.518 min Scan# 864
Delta R.T. 0.009 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

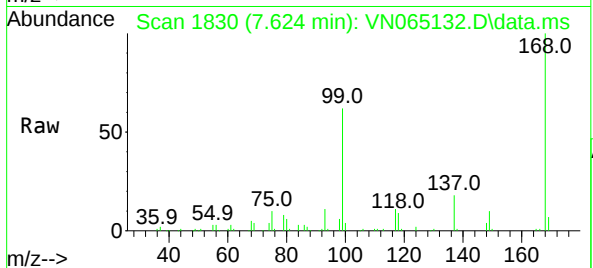
Tgt Ion: 84 Resp: 104
Ion Ratio Lower Upper
84 100
49 104.3 93.4 140.0
51 0.0 28.2 42.4#
86 0.0 51.7 77.5#



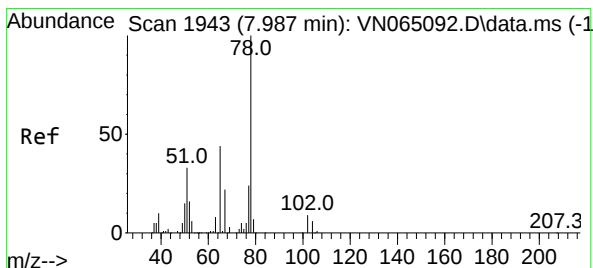
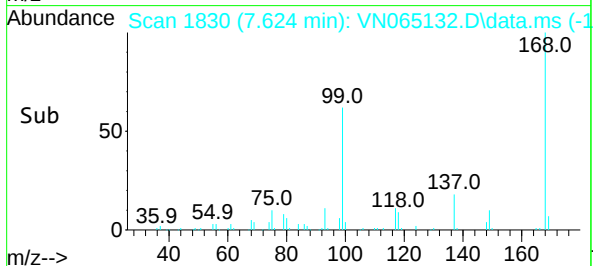
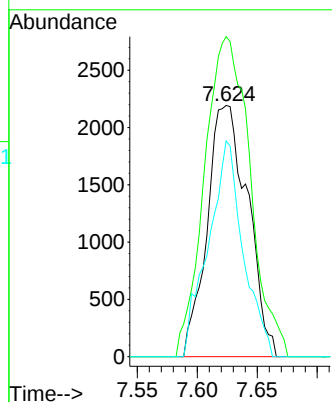


#31
Cyclohexane
Concen: 1.97 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

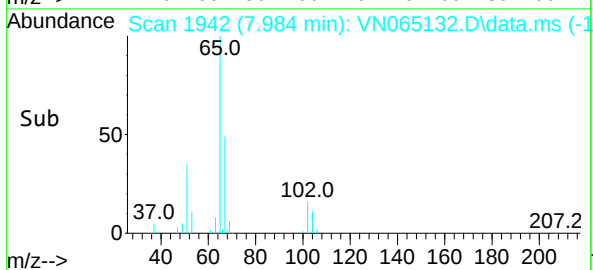
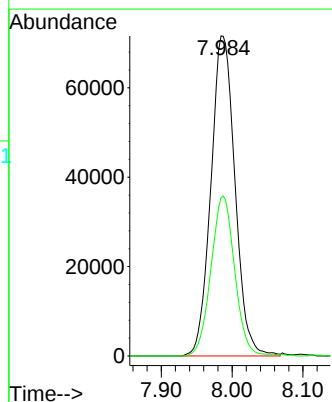
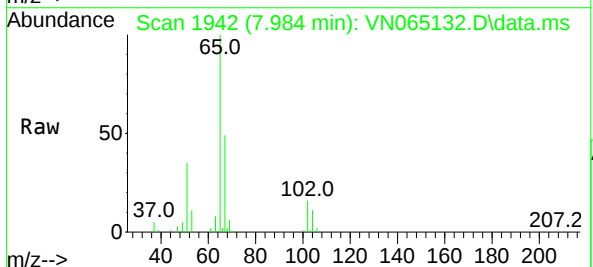


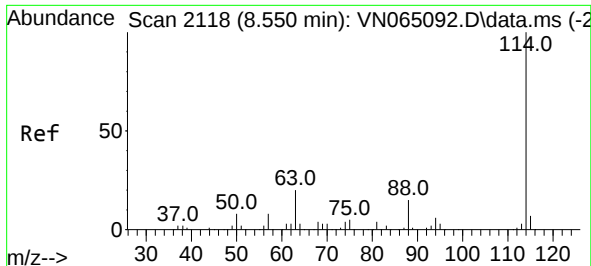
Tgt Ion: 56 Resp: 5157
Ion Ratio Lower Upper
56 100
69 117.9 27.5 41.3#
84 85.8 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 87.84 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Tgt Ion: 65 Resp: 169304
Ion Ratio Lower Upper
65 100
67 49.2 0.0 108.2

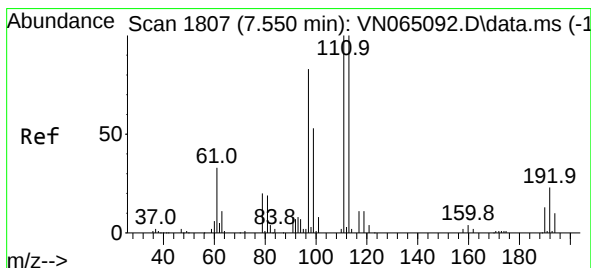
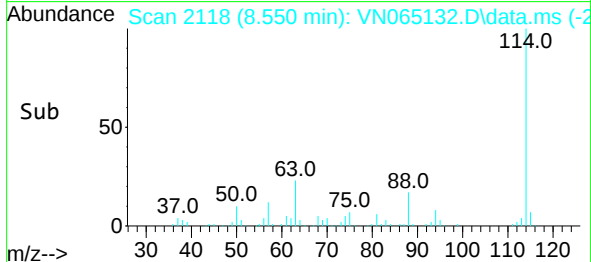
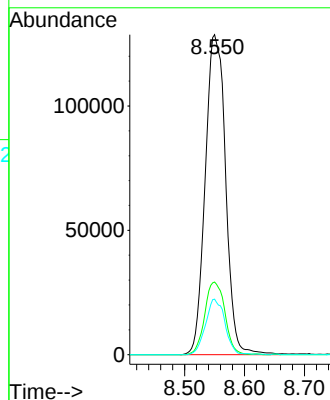
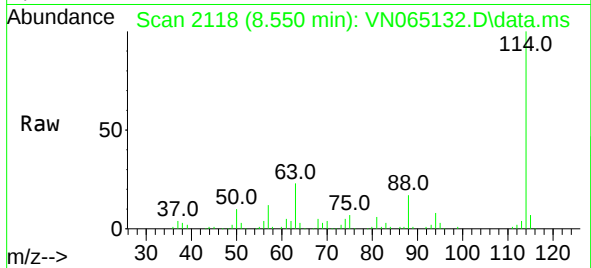




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

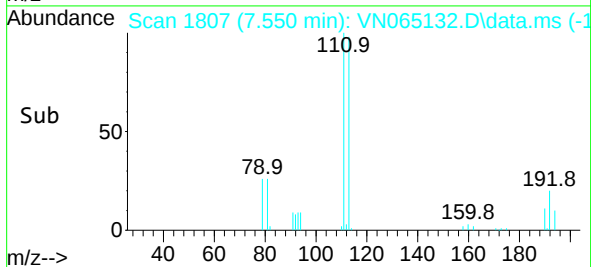
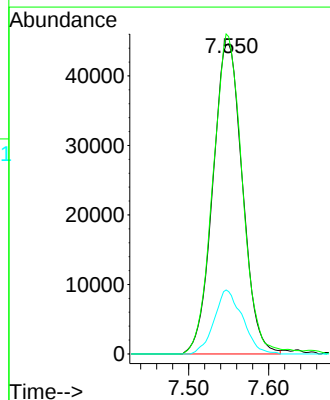
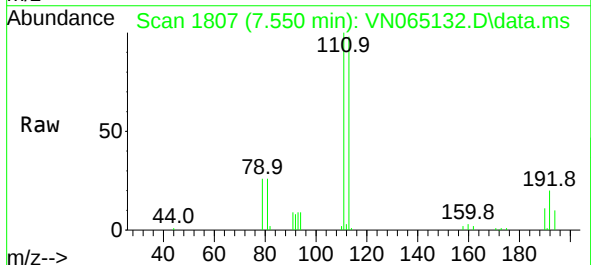
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

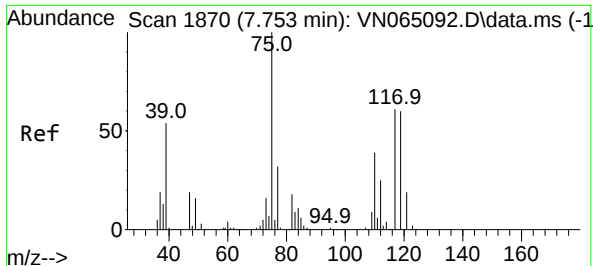
Tgt Ion:114 Resp: 304294
Ion Ratio Lower Upper
114 100
63 22.7 0.0 38.6
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Tgt Ion:113 Resp: 114851
Ion Ratio Lower Upper
113 100
111 101.5 81.6 122.4
192 19.7 16.2 24.2





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 7.627 min Scan# 1831

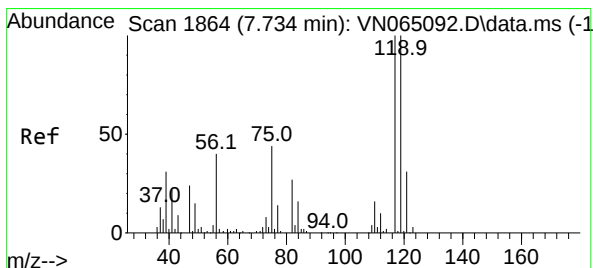
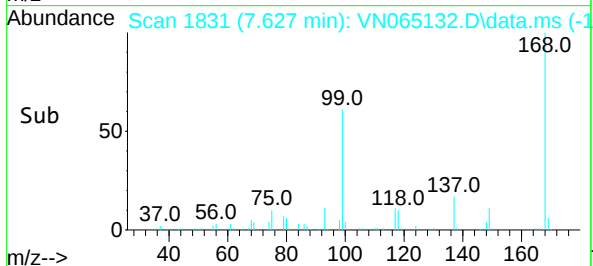
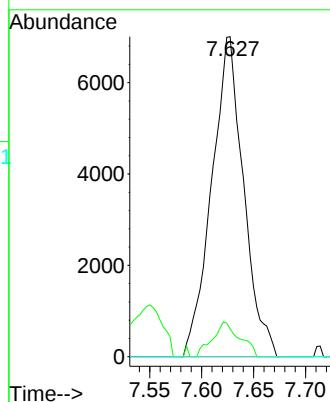
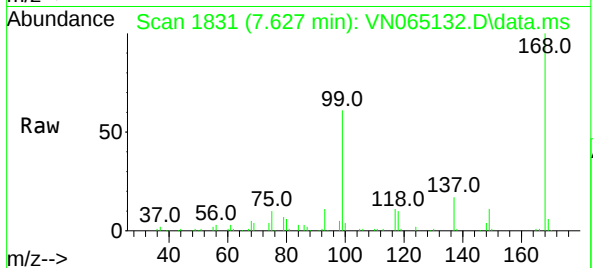
Delta R.T. -0.126 min

Lab File: VN065132.D

Acq: 15 Dec 2020 4:32

Tgt Ion:	75	Resp:	14972
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.3#
77	0.0	25.0	37.4#

Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209



#38

Carbon Tetrachloride

Concen: 5.69 ug/l

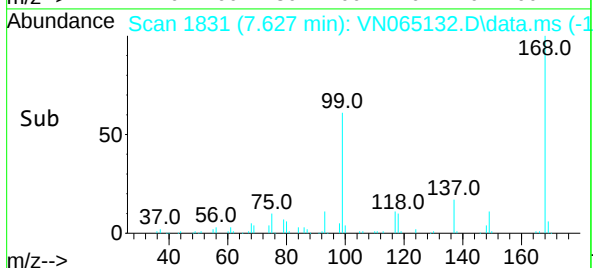
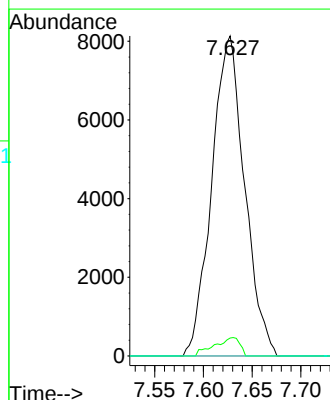
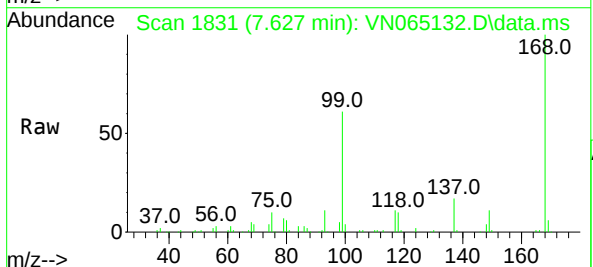
RT: 7.627 min Scan# 1831

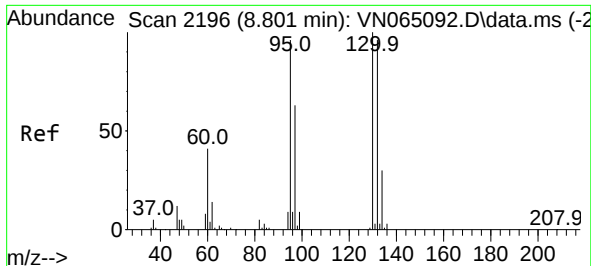
Delta R.T. -0.107 min

Lab File: VN065132.D

Acq: 15 Dec 2020 4:32

Tgt Ion:	117	Resp:	19093
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.7	115.1#
121	0.0	25.4	38.2#

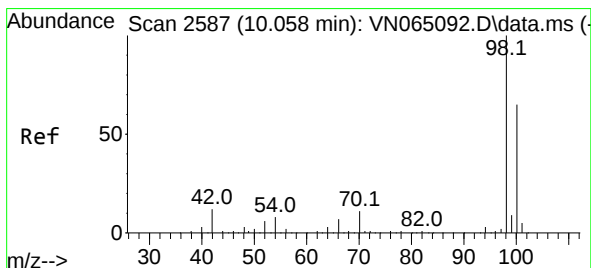
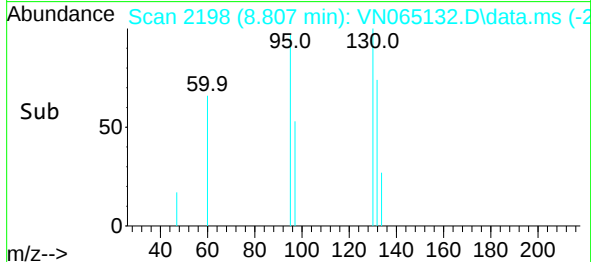
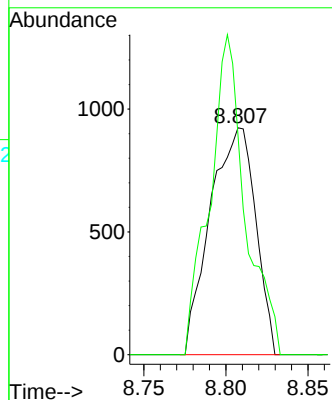
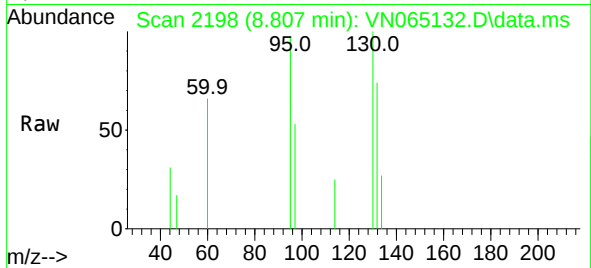




#44
Trichloroethene
Concen: 0.70 ug/l
RT: 8.807 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

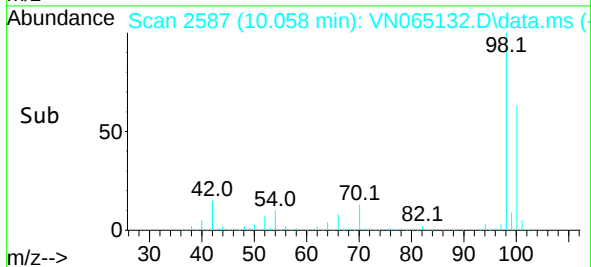
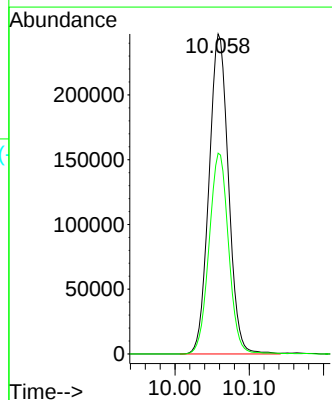
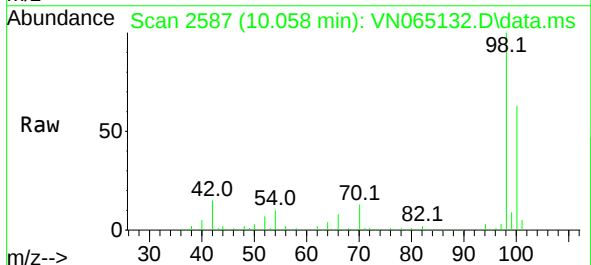
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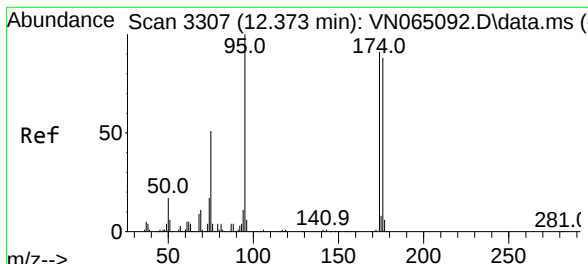
Tgt Ion:130 Resp: 1775
Ion Ratio Lower Upper
130 100
95 97.0 0.0 197.8



#50
Toluene-d8
Concen: 60.05 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Tgt Ion: 98 Resp: 449121
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5

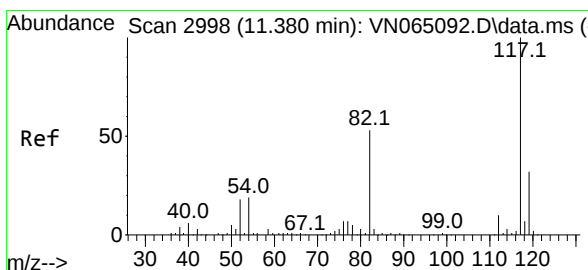
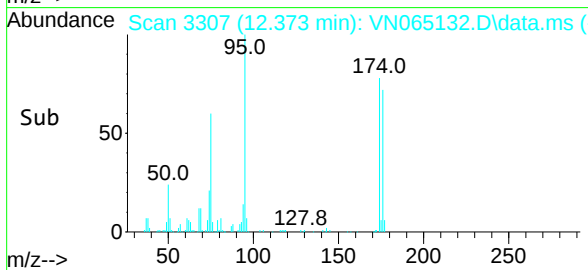
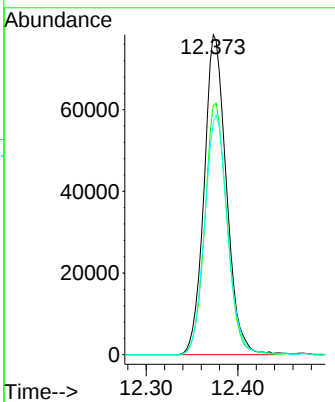
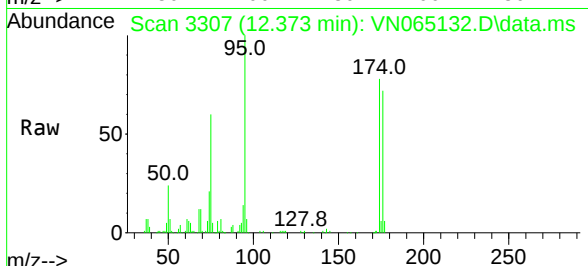




#62
4-Bromofluorobenzene
Concen: 51.30 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

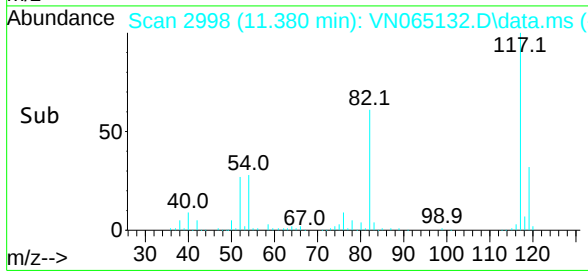
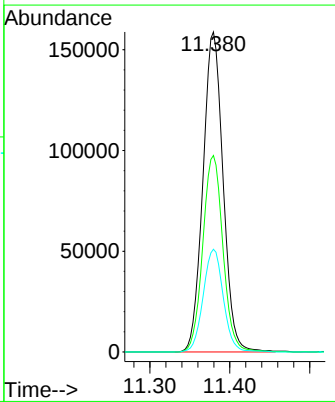
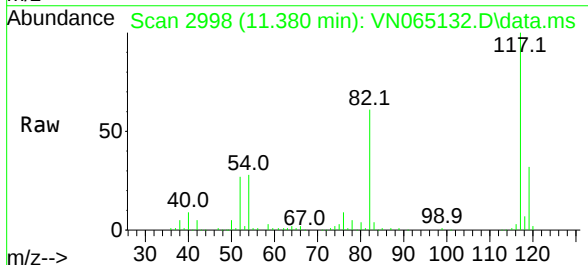
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

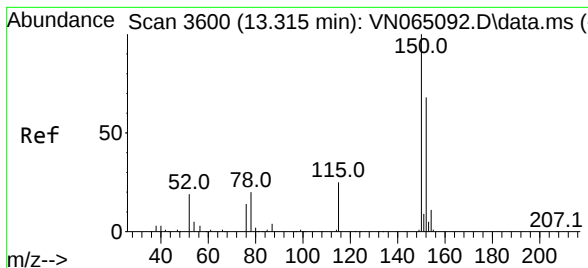
Tgt Ion:	95	Resp:	132131
Ion Ratio	Lower	Upper	
95	100		
174	78.2	0.0	160.4
176	77.2	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

Tgt Ion:	117	Resp:	278780
Ion Ratio	Lower	Upper	
117	100		
82	61.4	44.2	66.2
119	32.1	25.8	38.6

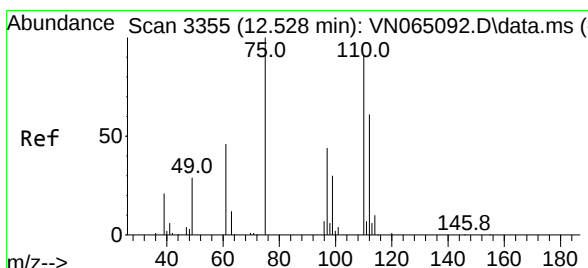
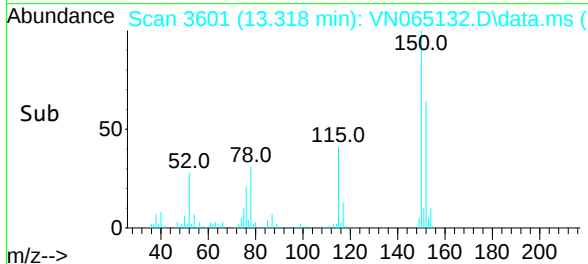
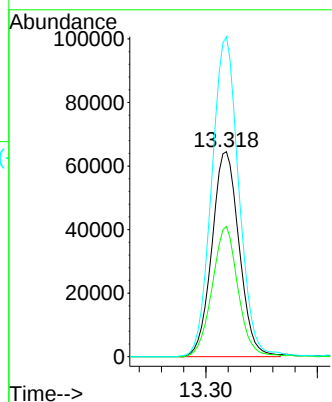
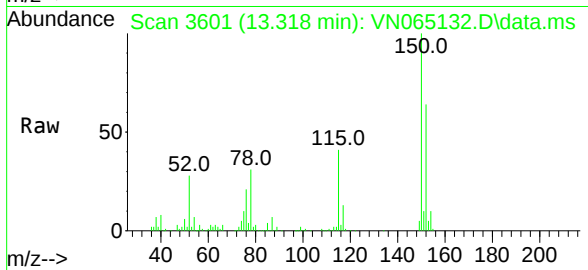




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

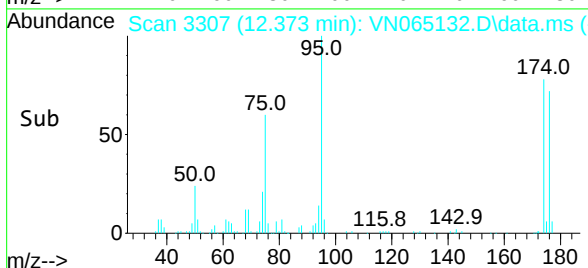
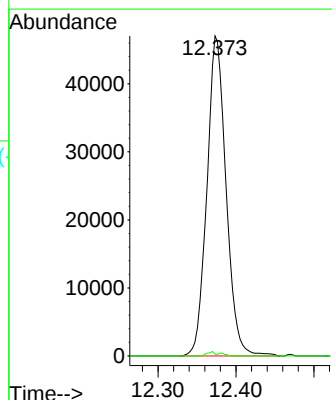
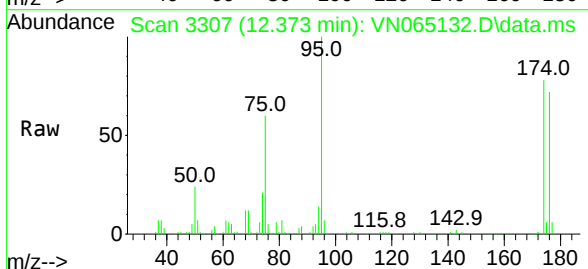
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20201209

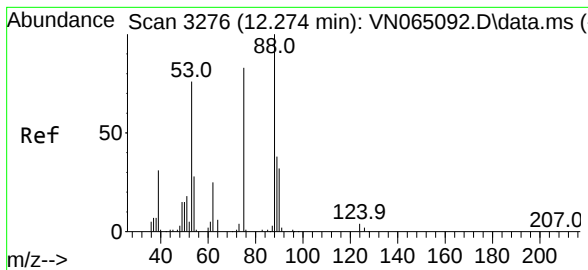
Tgt Ion:152 Resp: 109447
Ion Ratio Lower Upper
152 100
115 60.5 29.7 89.1
150 156.0 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 40.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.155 min
Lab File: VN065132.D
Acq: 15 Dec 2020 4:32

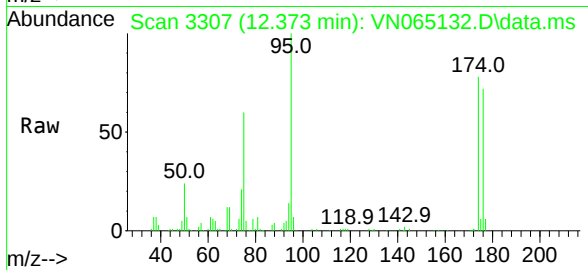
Tgt Ion: 75 Resp: 80322
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.80 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.099 min
 Lab File: VN065132.D
 Acq: 15 Dec 2020 4:32

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20201209



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

