

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065129.D
 Acq On : 15 Dec 2020 3:21
 Operator : JC/MD
 Sample : L5085-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6127-121120

Quant Time: Dec 15 06:45:33 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)

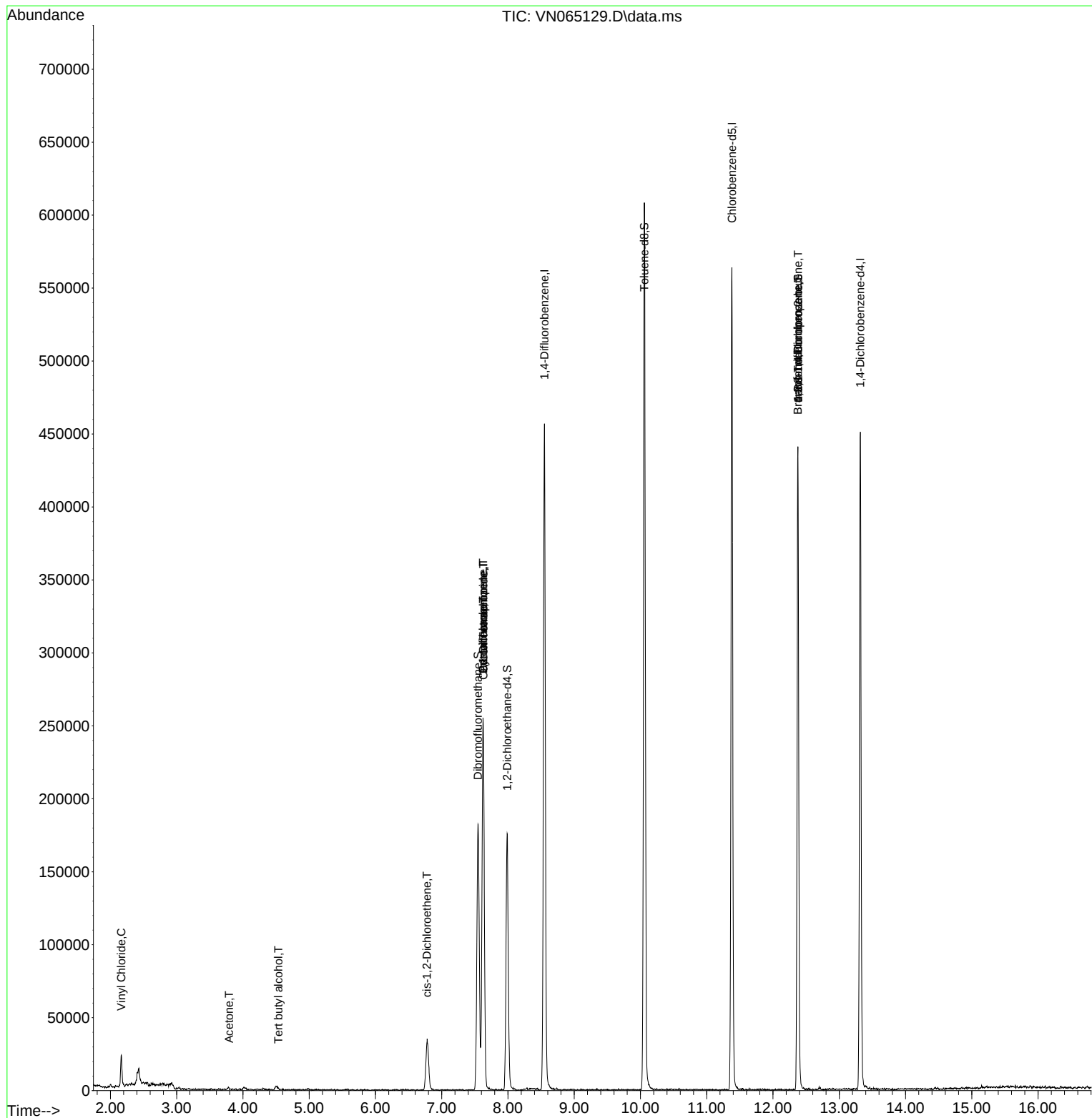
Internal Standards						
1) Pentafluorobenzene	7.624	168	192930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	380041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	286263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	112859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	155803	70.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 140.48%			
35) Dibromofluoromethane	7.547	113	136030	51.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.98%			
50) Toluene-d8	10.058	98	423810	45.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.74%			
62) 4-Bromofluorobenzene	12.376	95	134555	41.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.66%			
Target Compounds						
3) Chloromethane	2.039	50	642	Below Cal	#	76
4) Vinyl Chloride	2.164	62	16526	9.23	ug/l	97
5) Bromomethane	2.541	94	92	Below Cal		93
11) Tert butyl alcohol	4.537	59	70	0.30	ug/l #	73
16) Acetone	3.788	43	2304	2.79	ug/l #	43
20) Methylene Chloride	4.508	84	151	Below Cal	#	28
27) cis-1,2-Dichloroethene	6.778	96	21045	10.01	ug/l	94
31) Cyclohexane	7.624	56	5541	1.84	ug/l #	33
36) 1,1-Dichloropropene	7.624	75	15976	4.40	ug/l #	46
38) Carbon Tetrachloride	7.627	117	20991	5.01	ug/l #	14
71) Bromoform	12.373	173	1076	0.59	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	83821	41.39	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	83821	115.17	ug/l #	15

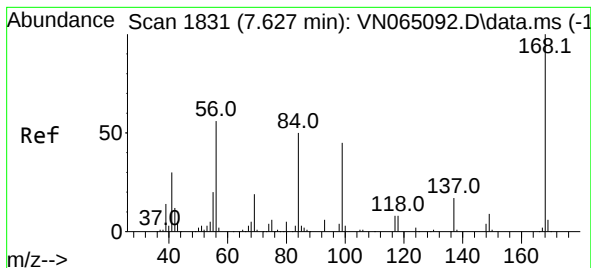
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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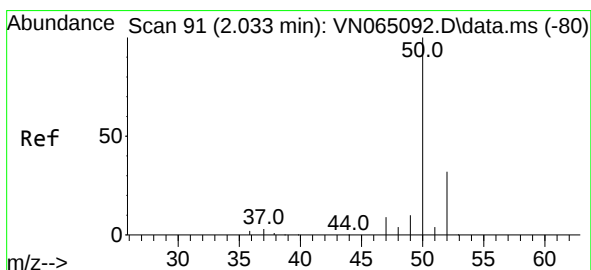
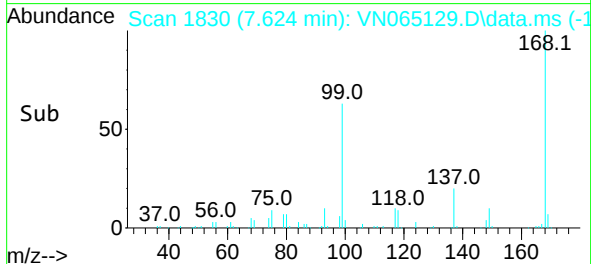
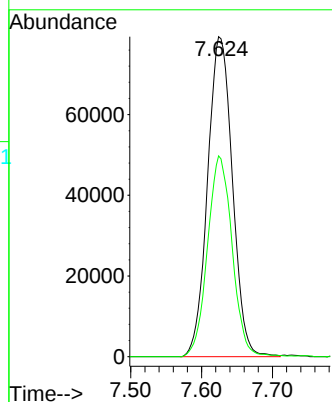
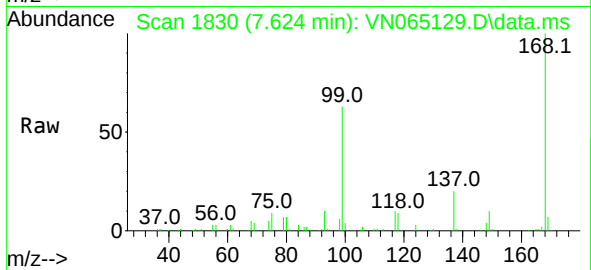




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

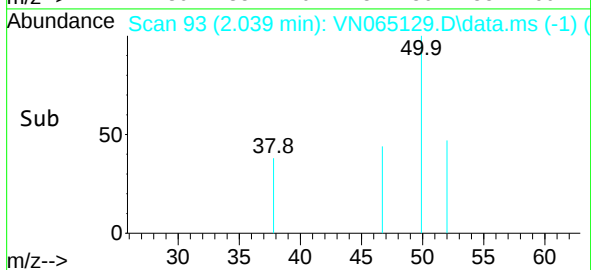
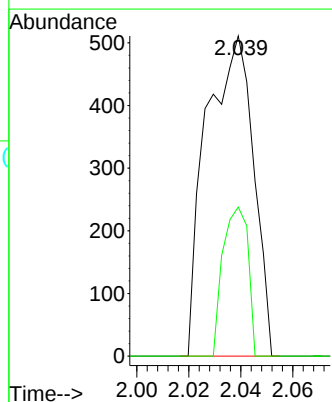
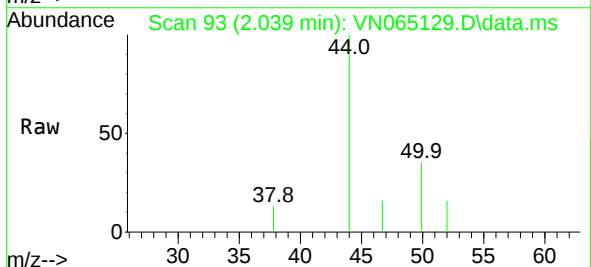
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120

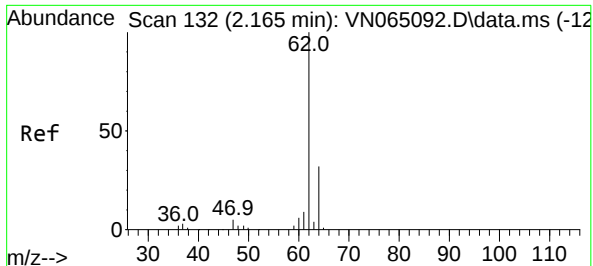
Tgt Ion:168 Resp: 192930
Ion Ratio Lower Upper
168 100
99 62.7 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.039 min Scan# 93
Delta R.T. 0.006 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 46.6 26.6 39.8#

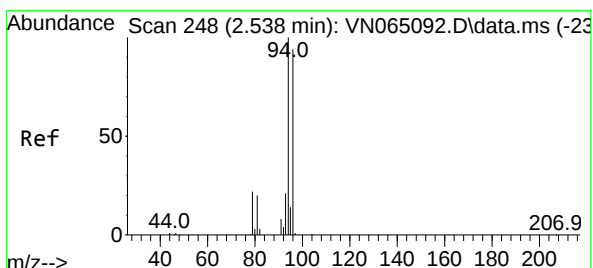
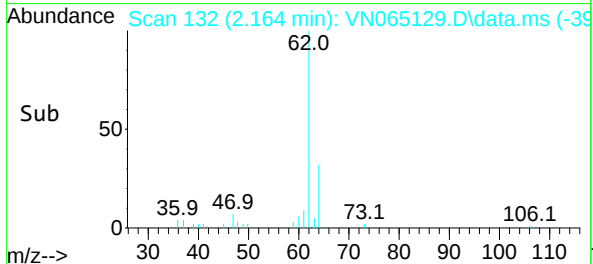
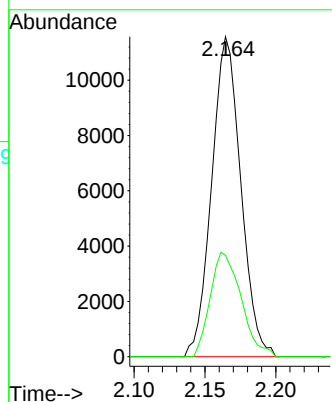
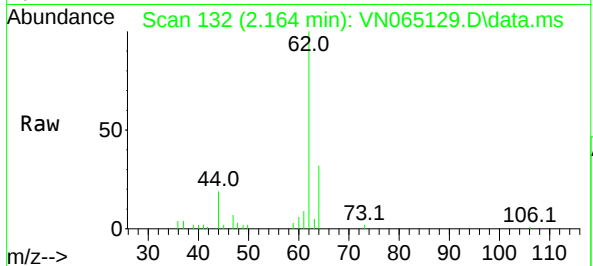




#4
 Vinyl Chloride
 Concen: 9.23 ug/l
 RT: 2.164 min Scan# 132
 Delta R.T. -0.001 min
 Lab File: VN065129.D
 Acq: 15 Dec 2020 3:21

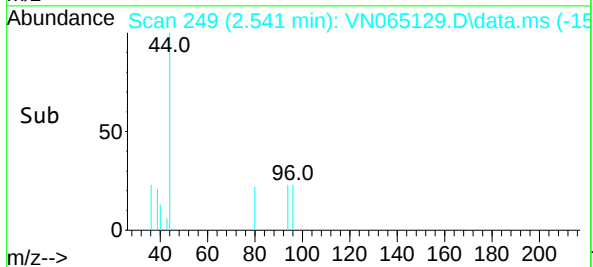
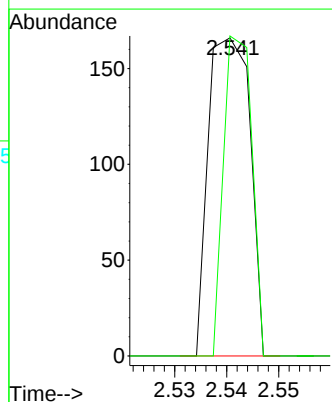
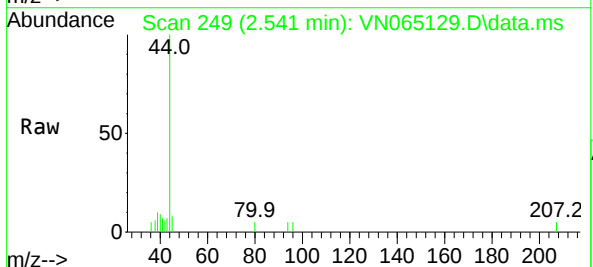
Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6127-121120

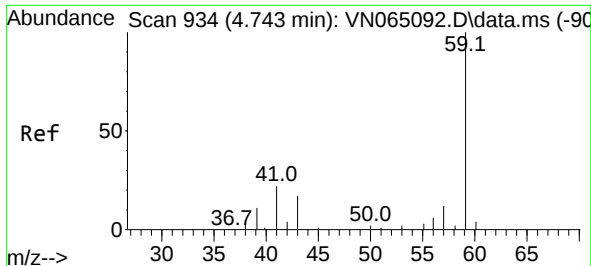
Tgt Ion: 62 Resp: 16526
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.5 39.7



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.541 min Scan# 249
 Delta R.T. 0.003 min
 Lab File: VN065129.D
 Acq: 15 Dec 2020 3:21

Tgt Ion: 94 Resp: 92
 Ion Ratio Lower Upper
 94 100
 96 100.6 75.4 113.0



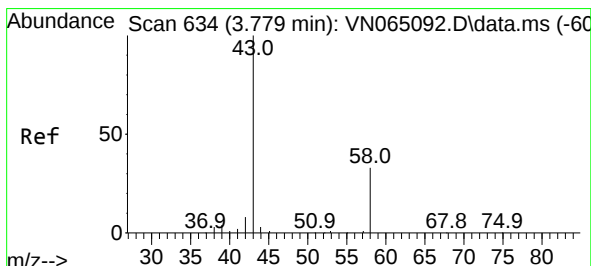
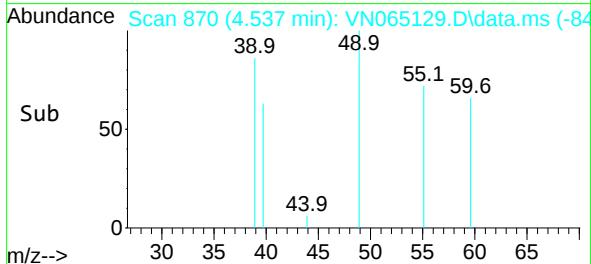
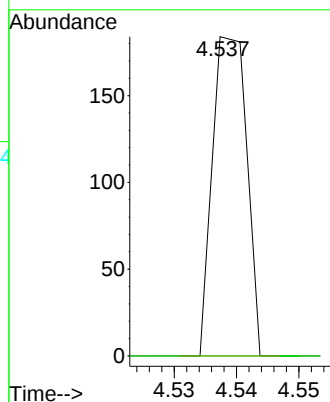
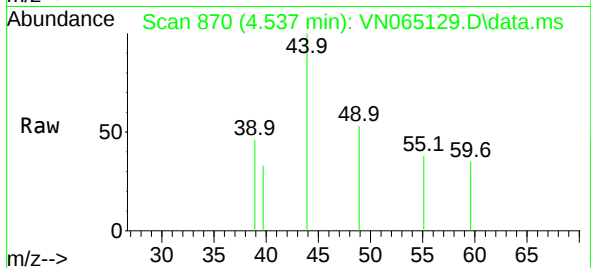


#11

Tert butyl alcohol
Concen: 0.30 ug/l
RT: 4.537 min Scan# 870
Delta R.T. -0.206 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120

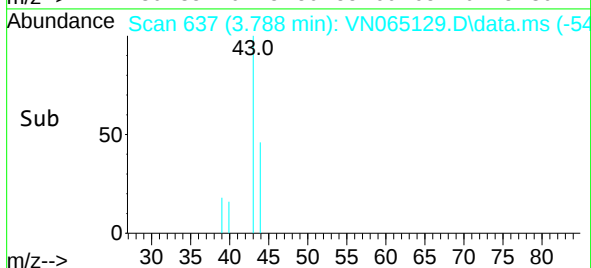
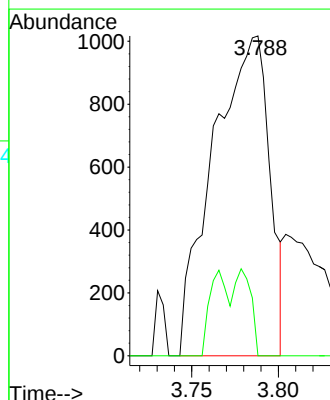
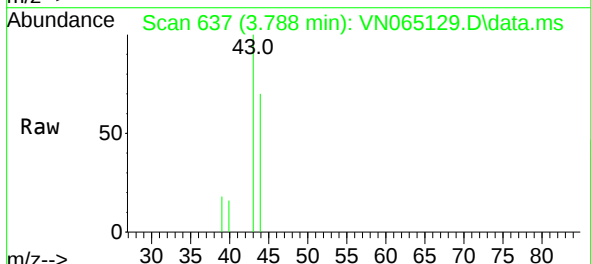
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

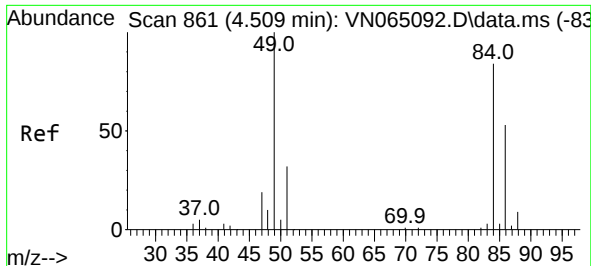


#16

Acetone
Concen: 2.79 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.009 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

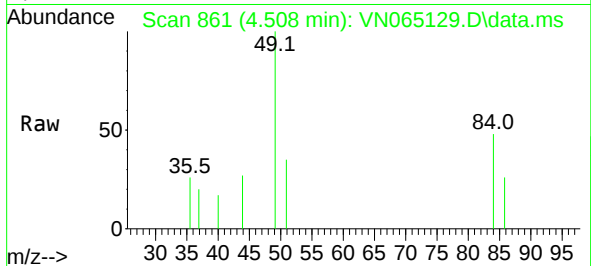
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





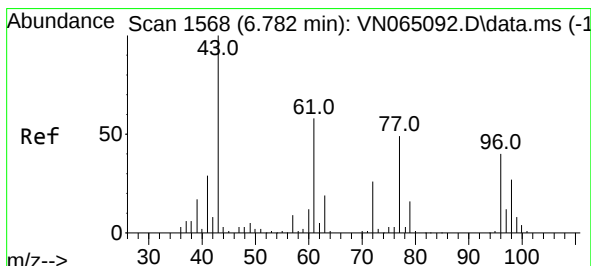
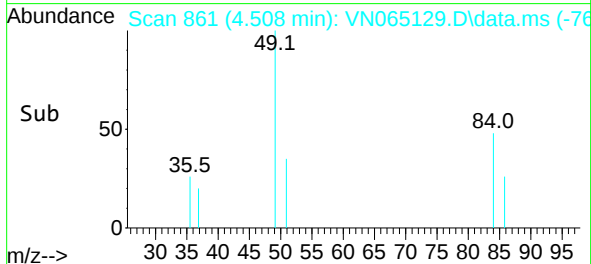
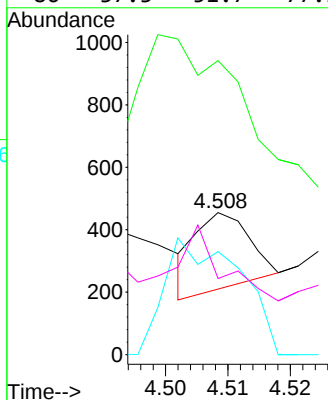
#20
Methylene Chloride
Concen: Below Cal
RT: 4.508 min Scan# 861
Delta R.T. -0.001 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120



Tgt Ion: 84 Resp: 151

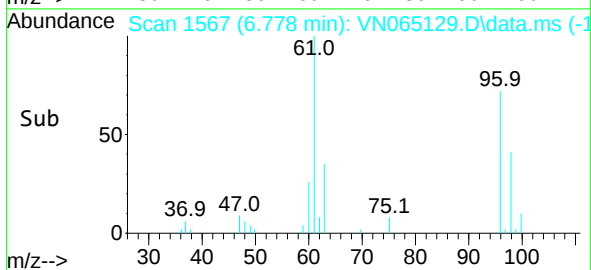
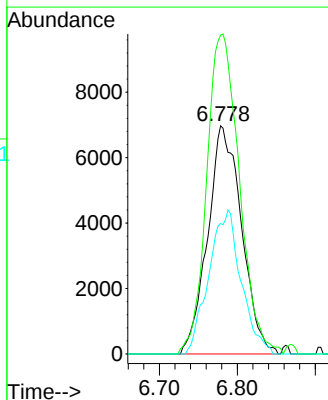
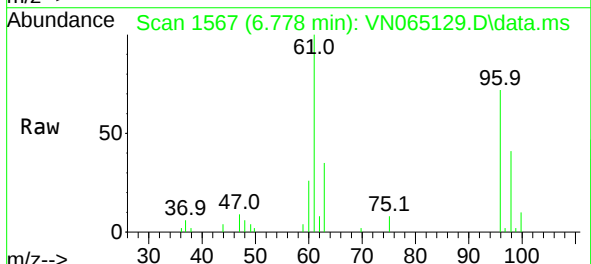
Ion	Ratio	Lower	Upper
84	100		
49	164.2	93.4	140.0#
51	171.0	28.2	42.4#
86	37.3	51.7	77.5#

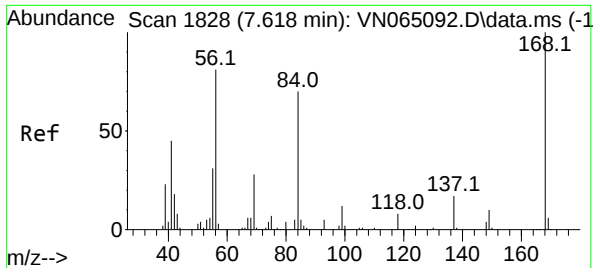


#27
cis-1,2-Dichloroethene
Concen: 10.01 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.004 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion: 96 Resp: 21045

Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	285.8
98	60.1	0.0	130.6

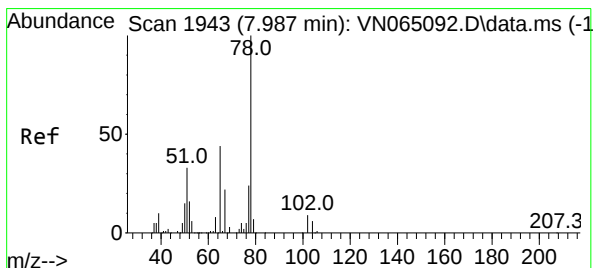
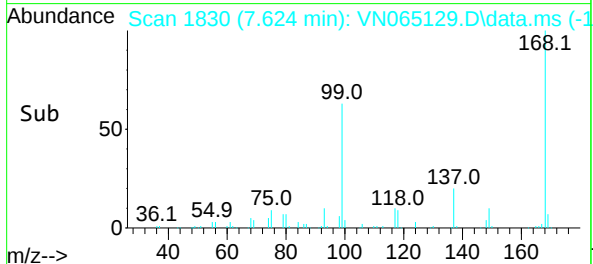
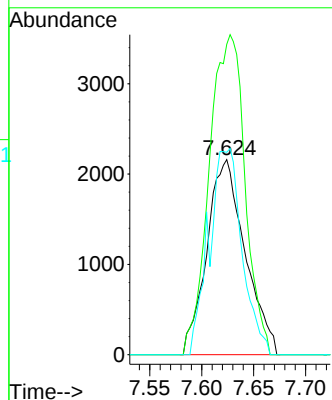
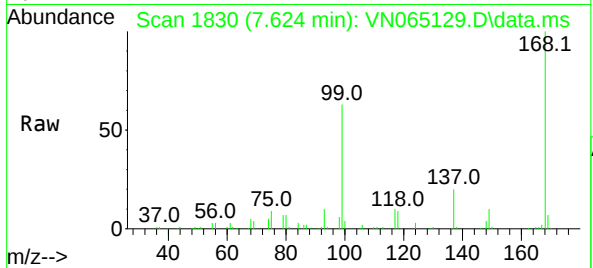




#31
Cyclohexane
Concen: 1.84 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

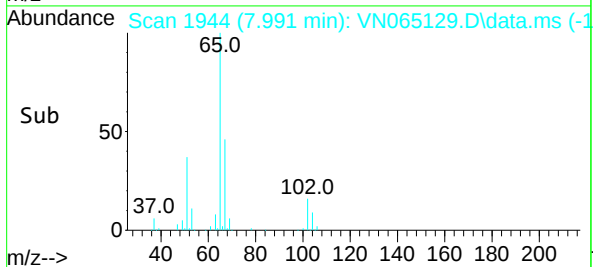
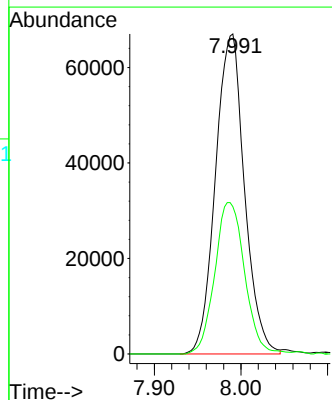
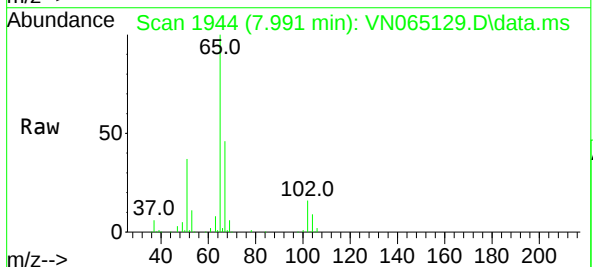
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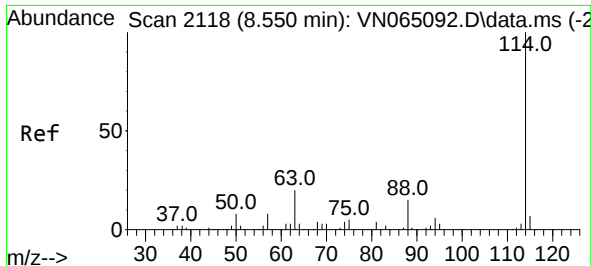
Tgt Ion: 56 Resp: 5541
Ion Ratio Lower Upper
56 100
69 159.1 27.5 41.3#
84 103.8 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 70.24 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion: 65 Resp: 155803
Ion Ratio Lower Upper
65 100
67 48.8 0.0 108.2

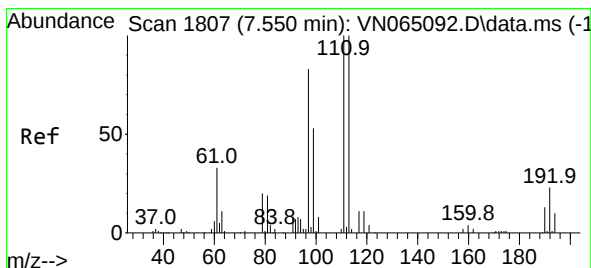
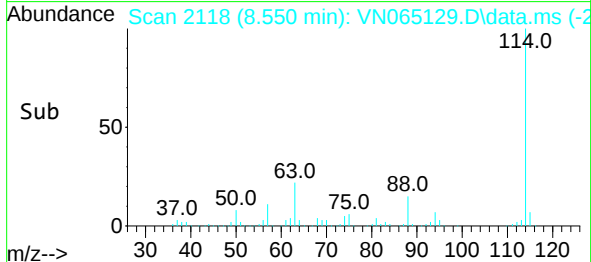
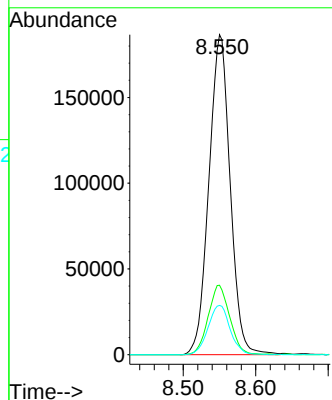
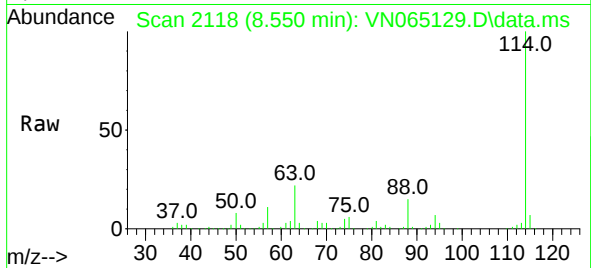




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

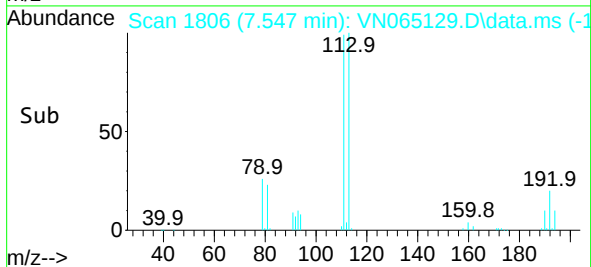
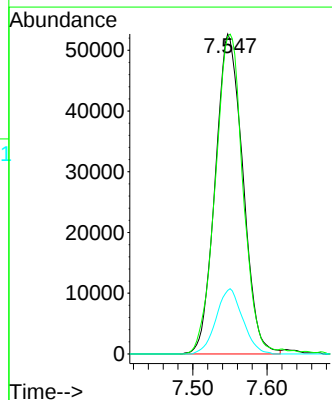
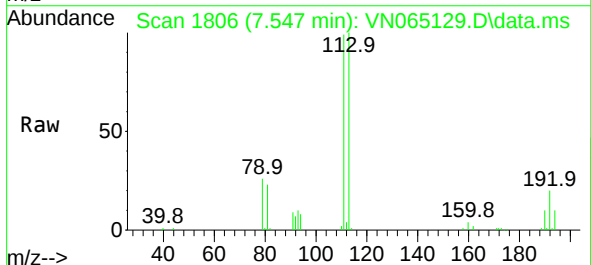
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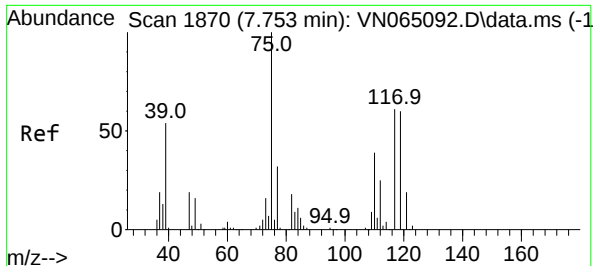
Tgt Ion:114 Resp: 380041
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.49 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

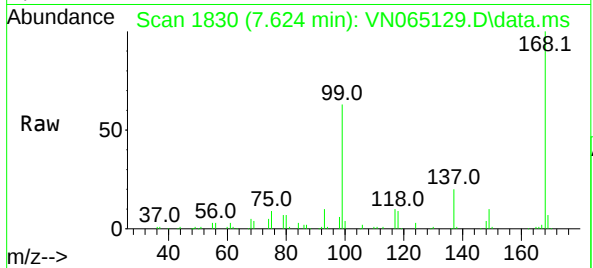
Tgt Ion:113 Resp: 136030
Ion Ratio Lower Upper
113 100
111 99.6 81.6 122.4
192 19.6 16.2 24.2



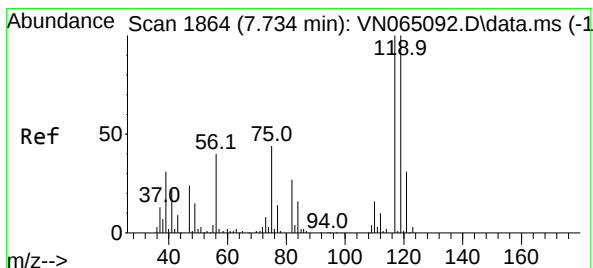
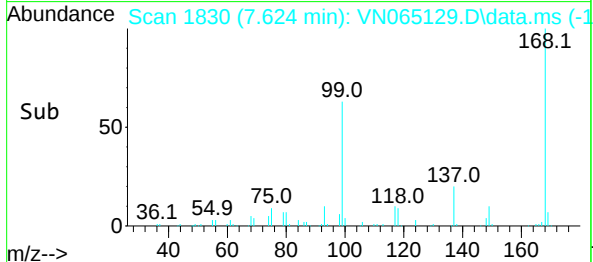
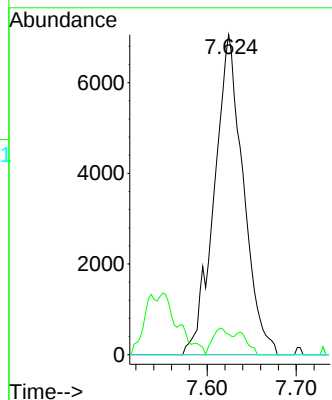


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120

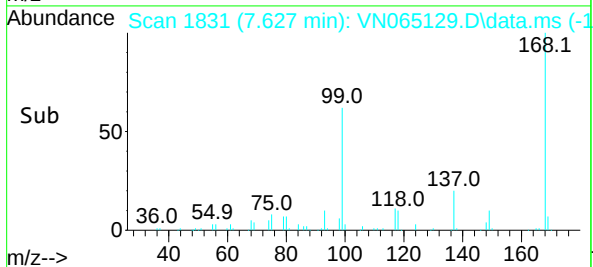
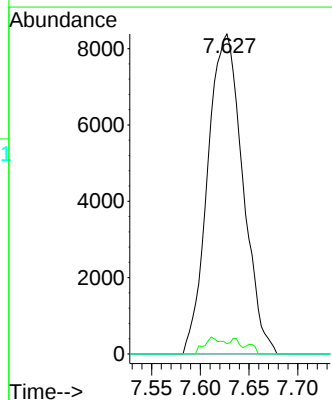
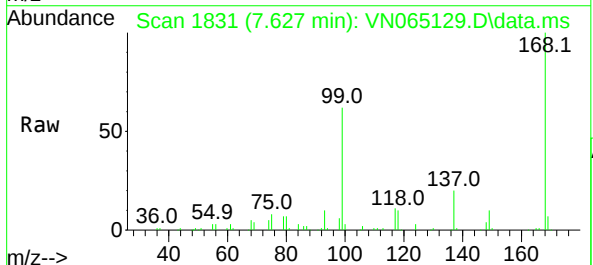


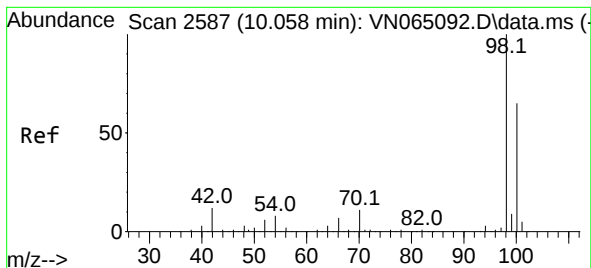
Tgt Ion: 75 Resp: 15976
Ion Ratio Lower Upper
75 100
110 5.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.01 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion: 117 Resp: 20991
Ion Ratio Lower Upper
117 100
119 3.2 76.7 115.1#
121 0.0 25.4 38.2#

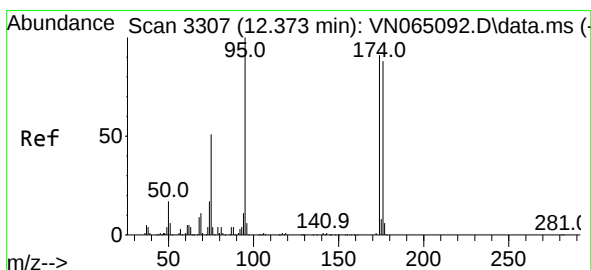
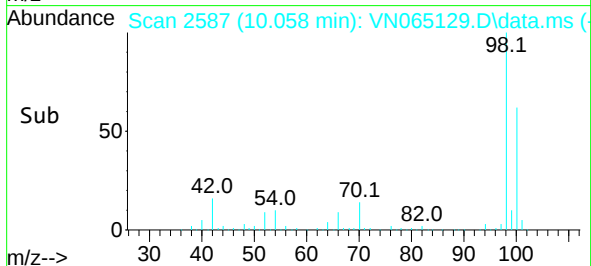
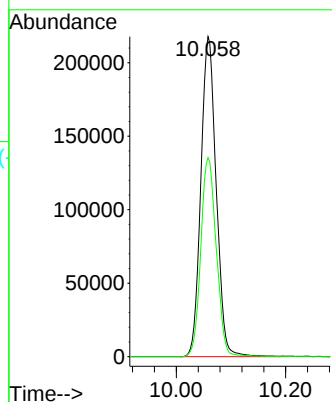
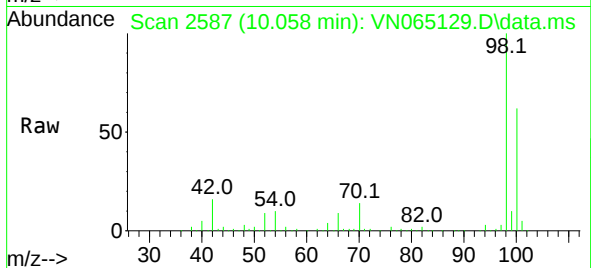




#50
Toluene-d8
Concen: 45.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

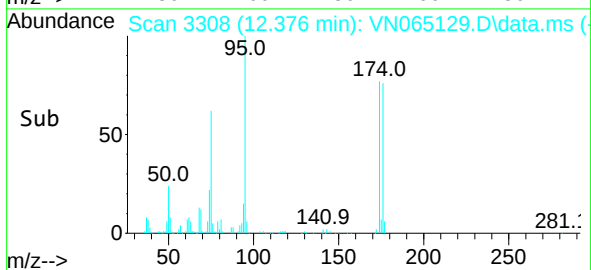
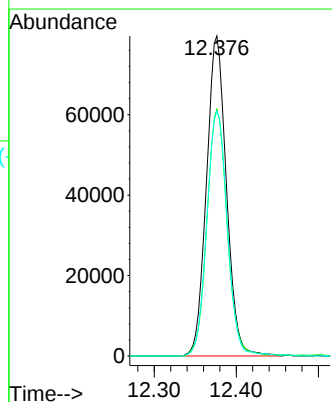
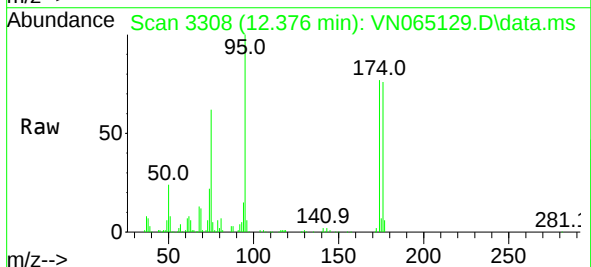
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120

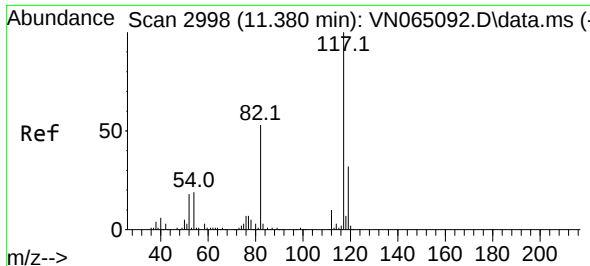
Tgt Ion: 98 Resp: 423810
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion: 95 Resp: 134555
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.4
176 78.4 0.0 158.4

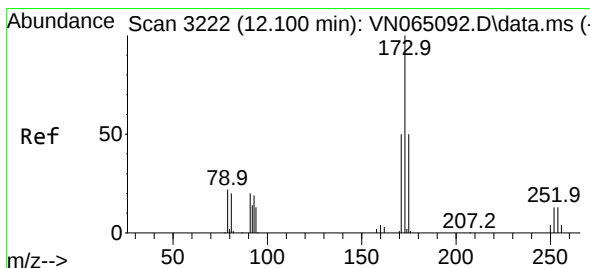
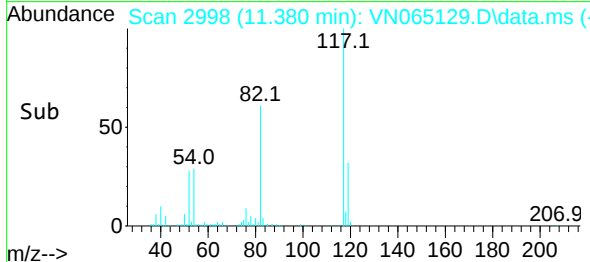
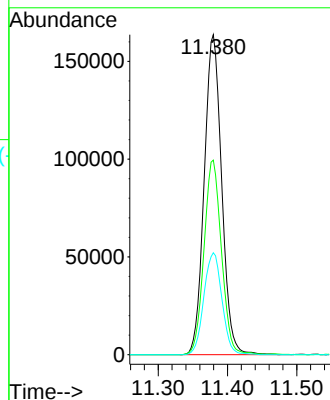
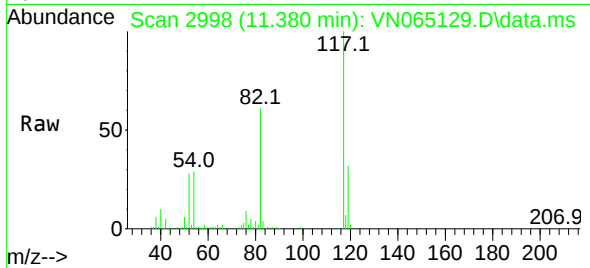




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

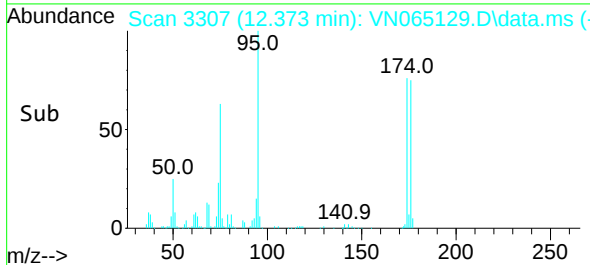
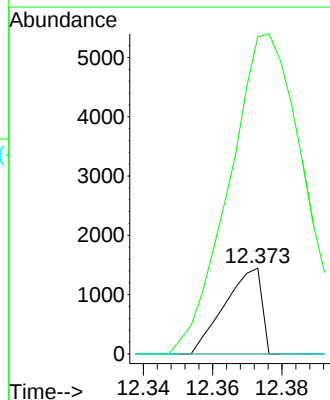
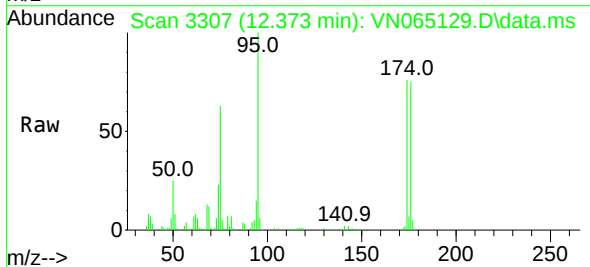
Instrument :
MSVOA_N
ClientSampleId :
TU032-32-6127-121120

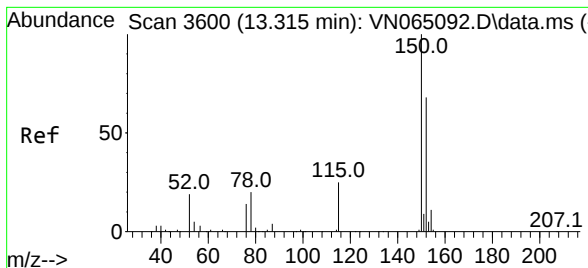
Tgt Ion:117 Resp: 286263
Ion Ratio Lower Upper
117 100
82 60.8 44.2 66.2
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.59 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065129.D
Acq: 15 Dec 2020 3:21

Tgt Ion:173 Resp: 1076
Ion Ratio Lower Upper
173 100
175 665.1 24.3 72.8#
254 0.0 0.0 0.0

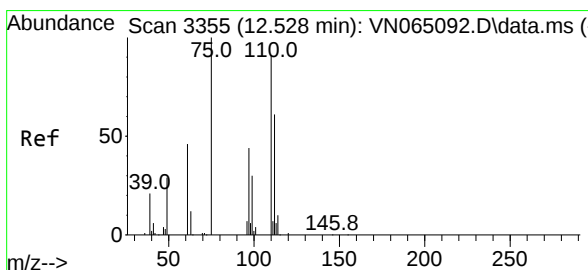
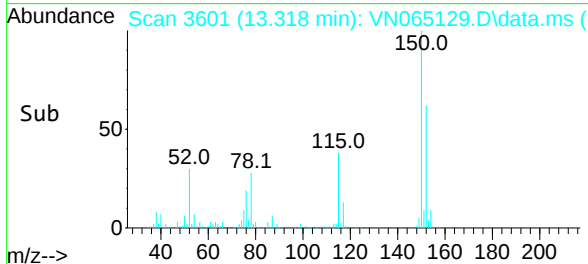
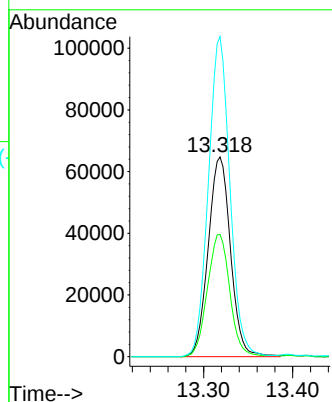
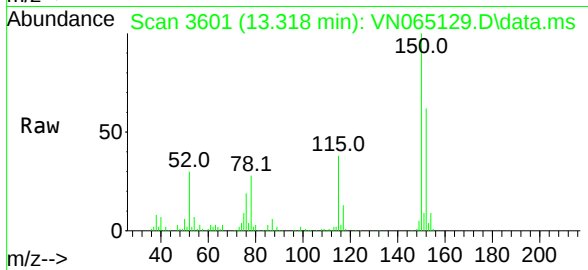




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065129.D
 Acq: 15 Dec 2020 3:21

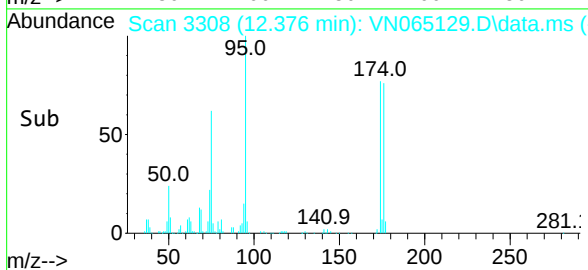
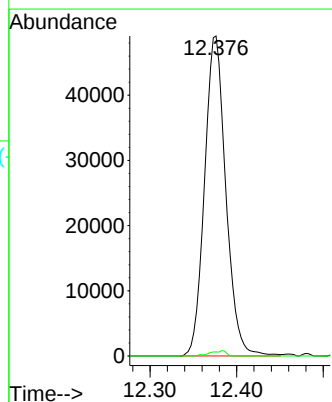
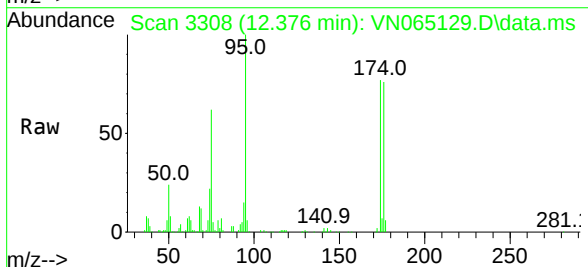
Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6127-121120

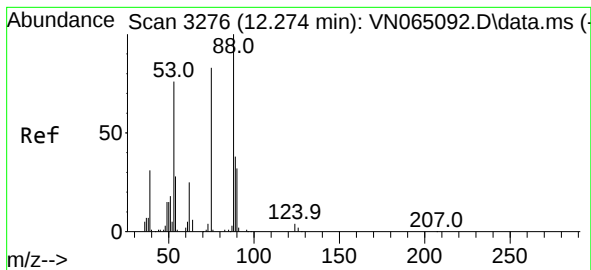
Tgt Ion:152 Resp: 112859
 Ion Ratio Lower Upper
 152 100
 115 61.3 29.7 89.1
 150 154.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 41.39 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.152 min
 Lab File: VN065129.D
 Acq: 15 Dec 2020 3:21

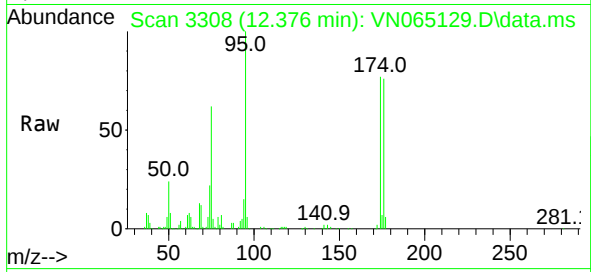
Tgt Ion: 75 Resp: 83821
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.17 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.102 min
 Lab File: VN065129.D
 Acq: 15 Dec 2020 3:21

Instrument :
 MSVOA_N
 ClientSampleId :
 TU032-32-6127-121120



Tgt Ion: 75 Resp: 83821
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.0 100.4#
 89 0.0 39.6 59.4#

