

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070595.D
 Acq On : 06 Oct 2021 16:00
 Operator : VA/SY
 Sample : M4072-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-207

Quant Time: Oct 07 07:00:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

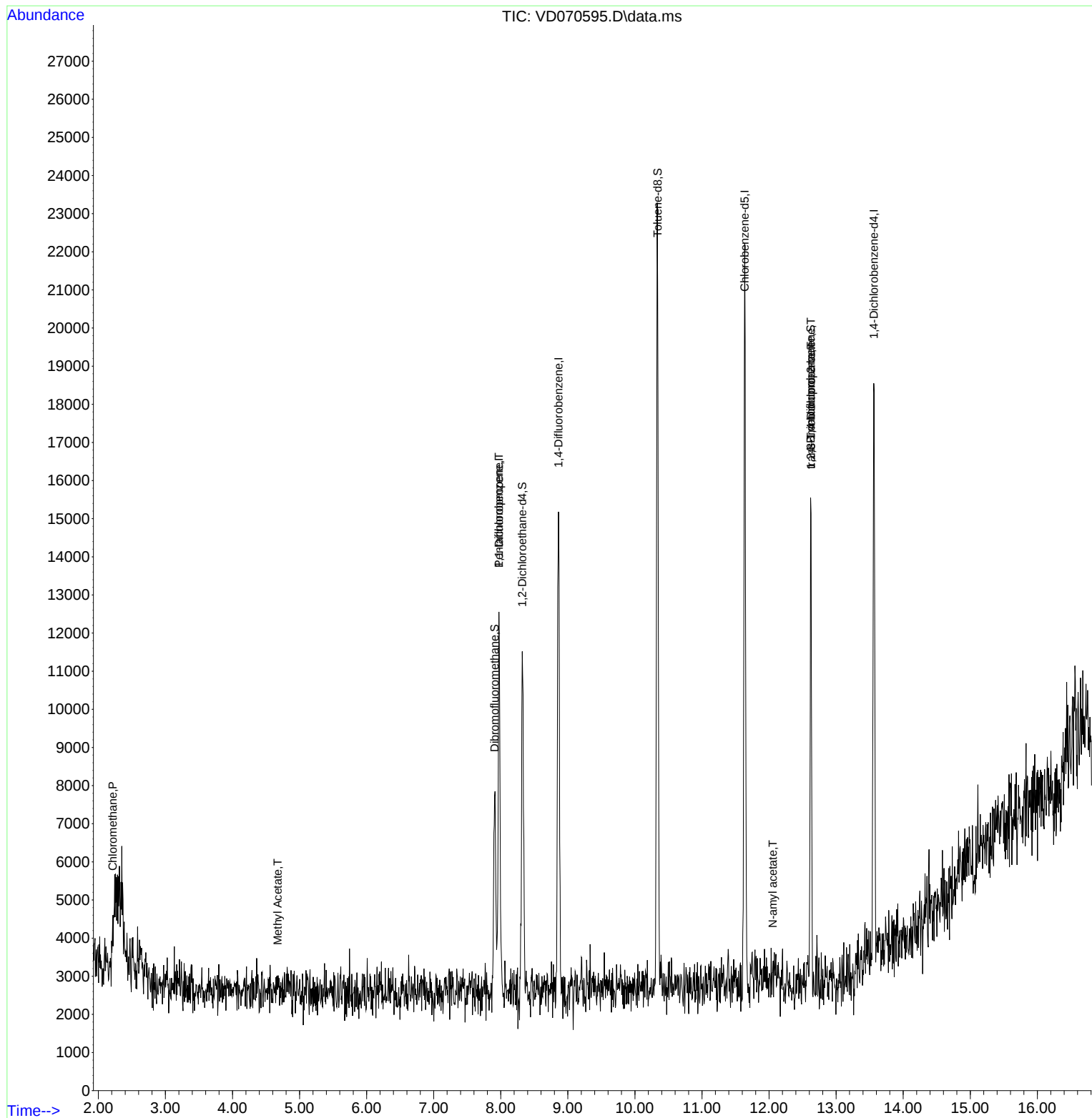
Internal Standards						
1) Pentafluorobenzene	7.973	168	7966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	12770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	11813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	6816	72.705	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.400%
35) Dibromofluoromethane	7.908	113	4045	47.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.338	98	14890	45.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.620	95	4559	42.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.060%
Target Compounds						
						Qvalue
3) Chloromethane	2.214	50	130	1.078	ug/l #	42
5) Bromomethane	2.791	94	92	Below Cal	#	2
18) Methyl Acetate	4.673	43	78	1.270	ug/l #	47
36) 1,1-Dichloropropene	7.973	75	419	3.089	ug/l #	42
74) N-amyl acetate	12.055	43	84	1.370	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	1900	47.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	1900	104.404	ug/l #	17

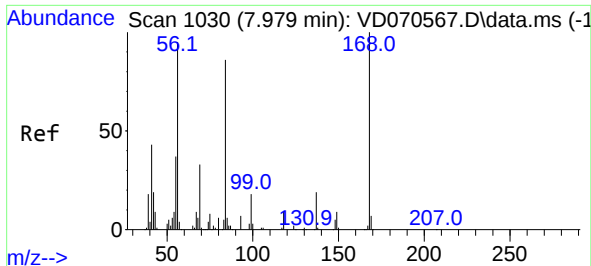
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

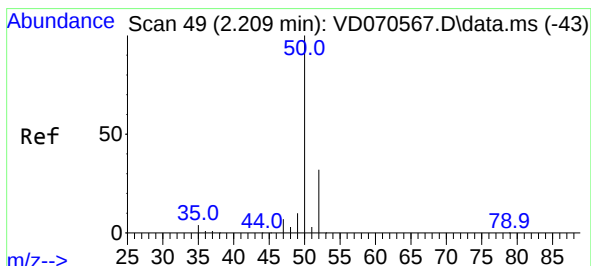
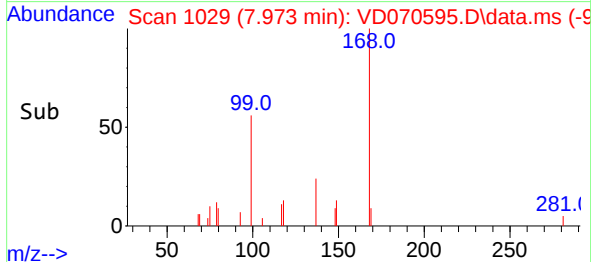
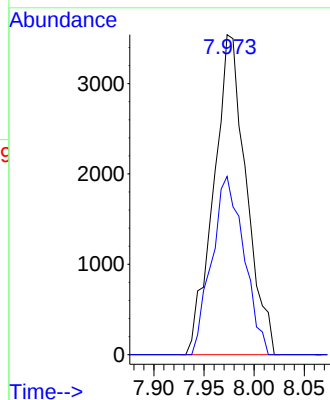
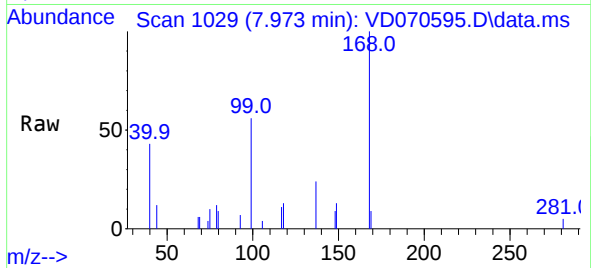




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

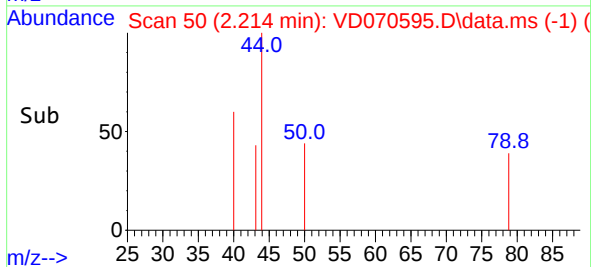
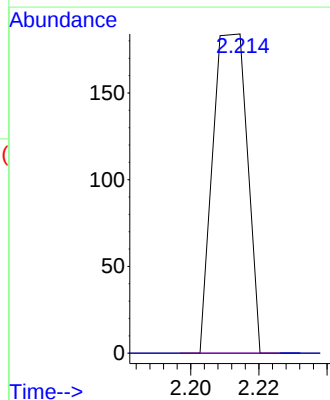
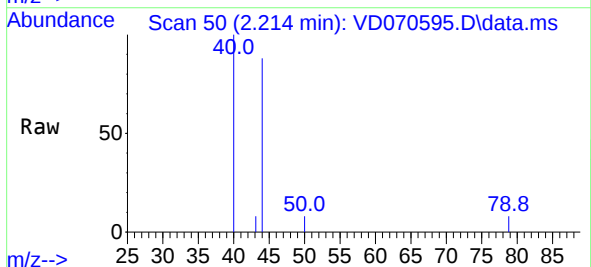
Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

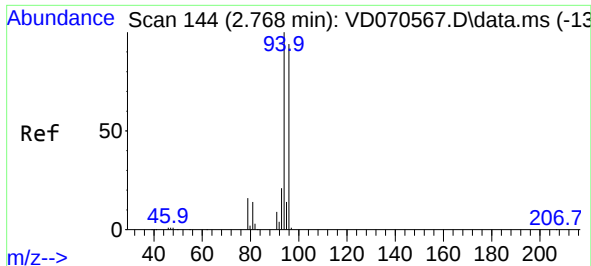
Tgt Ion:168 Resp: 7966
Ion Ratio Lower Upper
168 100
99 55.7 51.4 77.0



#3
Chloromethane
Concen: 1.078 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Tgt Ion: 50 Resp: 130
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

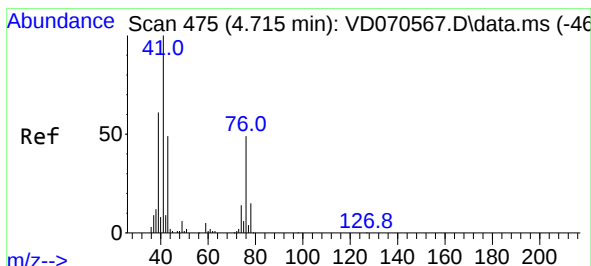
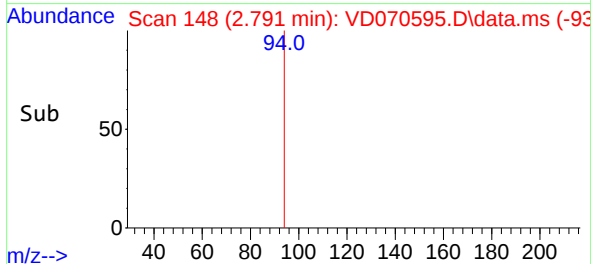
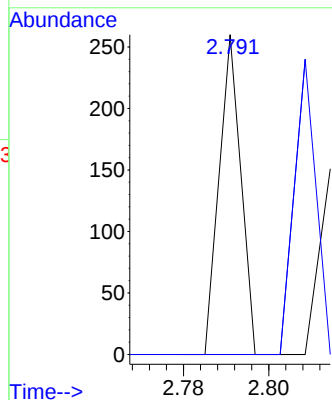
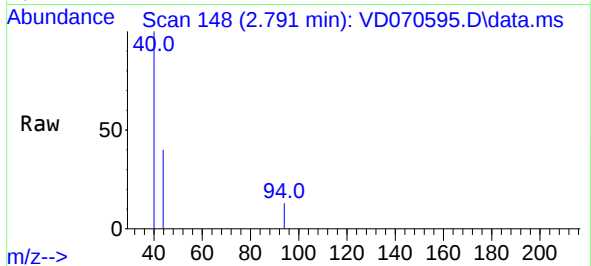




#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

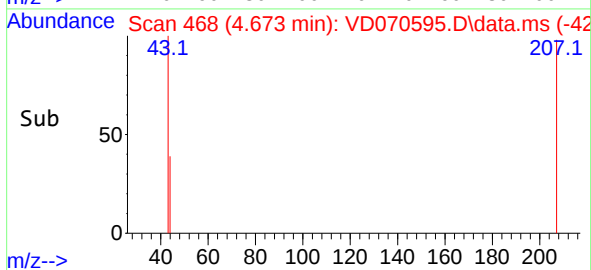
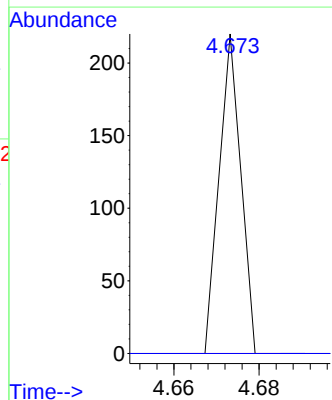
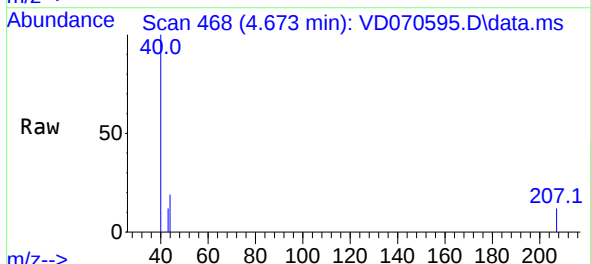
Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

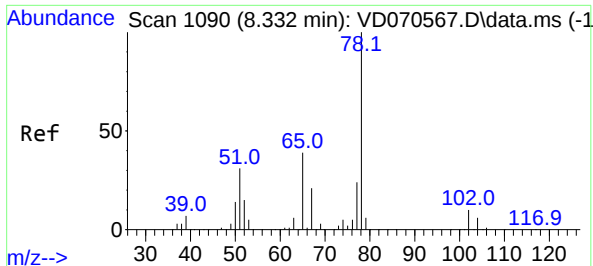
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 0.0 75.5 113.3#



#18
Methyl Acetate
Concen: 1.270 ug/l
RT: 4.673 min Scan# 468
Delta R.T. -0.041 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 22.6 33.8#



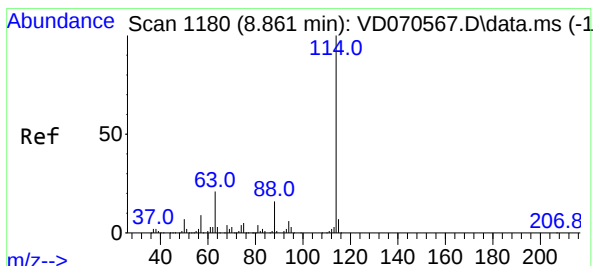
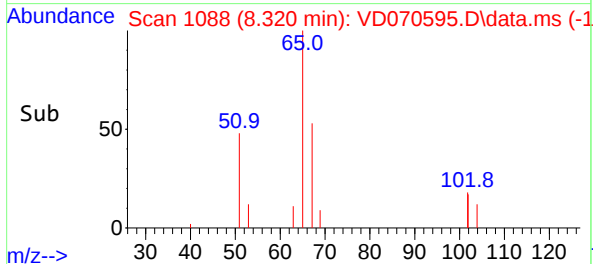
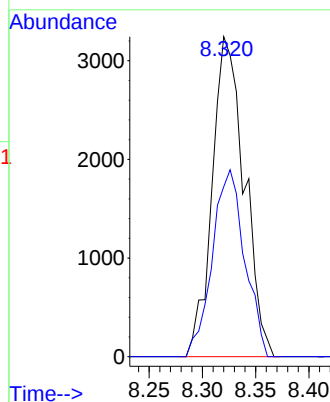
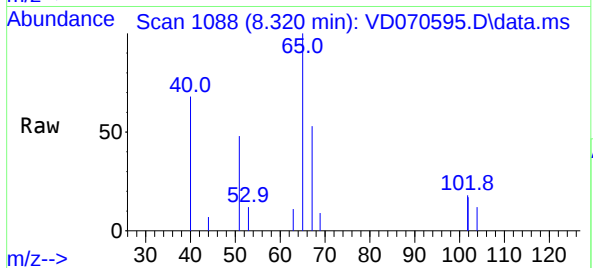


#33

1,2-Dichloroethane-d4
Concen: 72.705 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

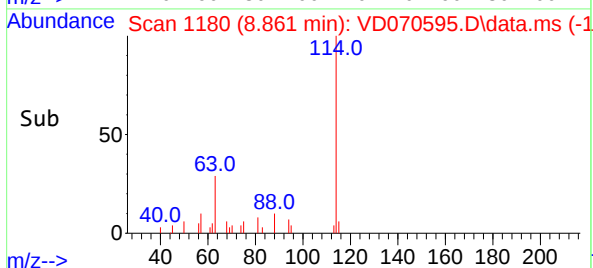
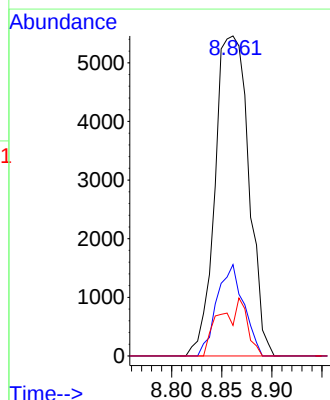
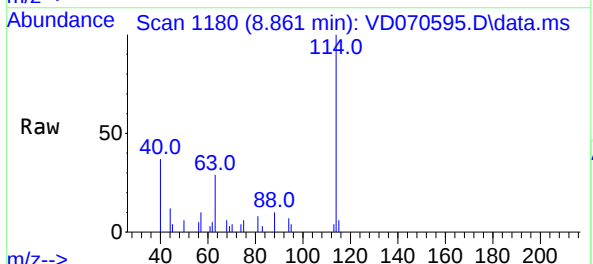
Tgt Ion: 65 Resp: 6816
Ion Ratio Lower Upper
65 100
67 58.7 0.0 110.2

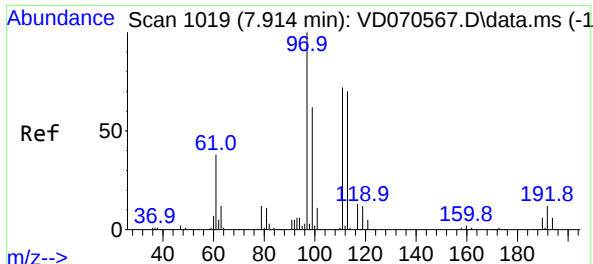


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Tgt Ion: 114 Resp: 12770
Ion Ratio Lower Upper
114 100
63 28.6 0.0 41.8
88 9.5 0.0 32.6

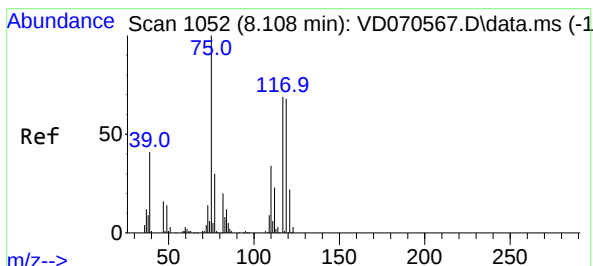
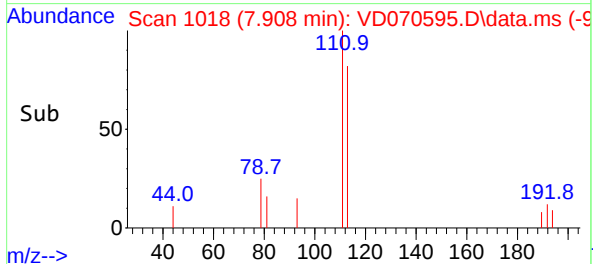
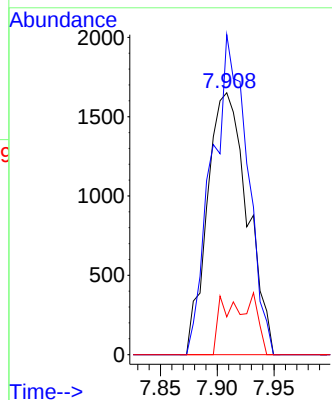
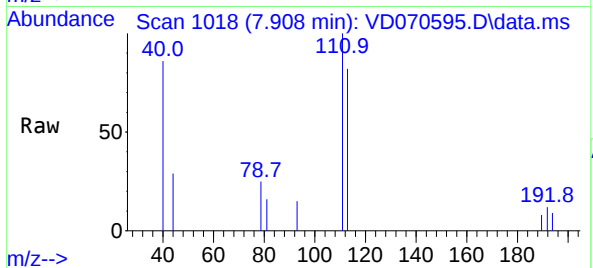




#35
Dibromofluoromethane
Concen: 47.643 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

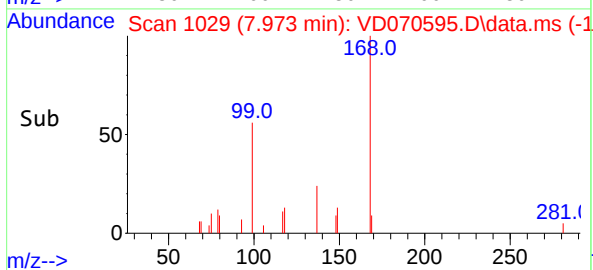
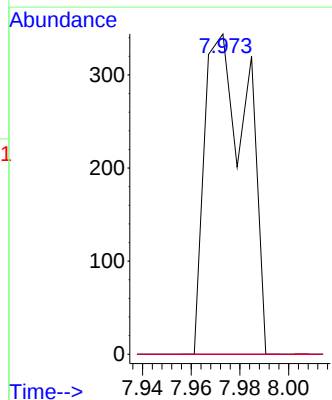
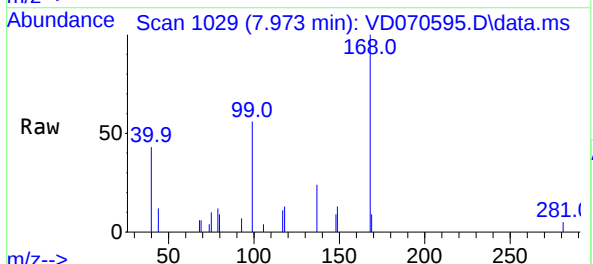
Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

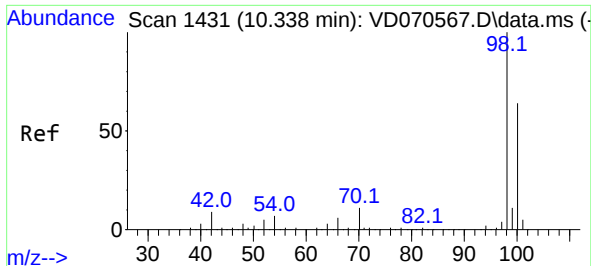
Tgt Ion:113 Resp: 4045
Ion Ratio Lower Upper
113 100
111 109.4 83.1 124.7
192 10.4 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 3.089 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Tgt Ion: 75 Resp: 419
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 0.0 24.2 36.4#

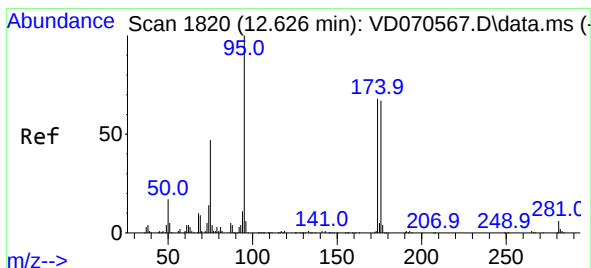
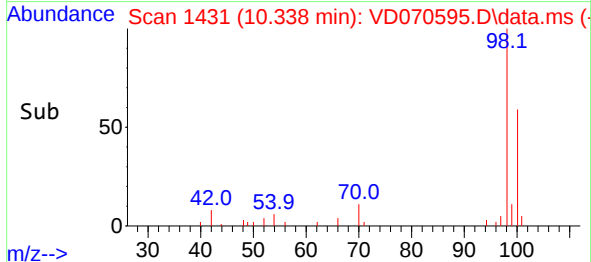
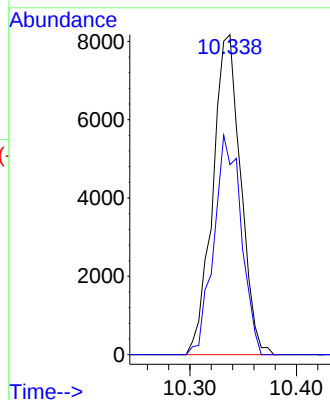
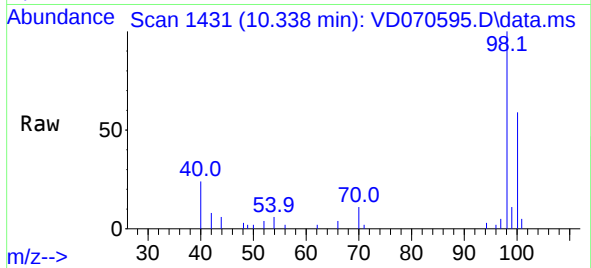




#50
Toluene-d8
Concen: 45.876 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

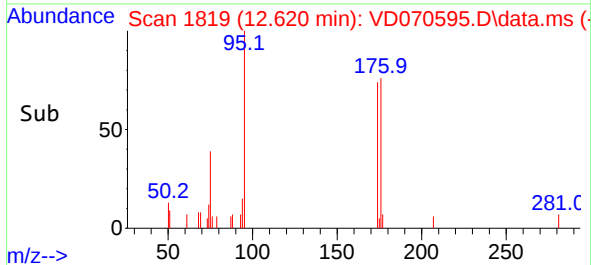
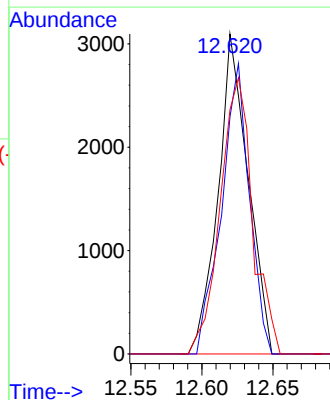
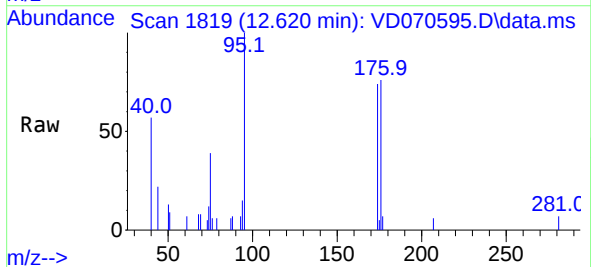
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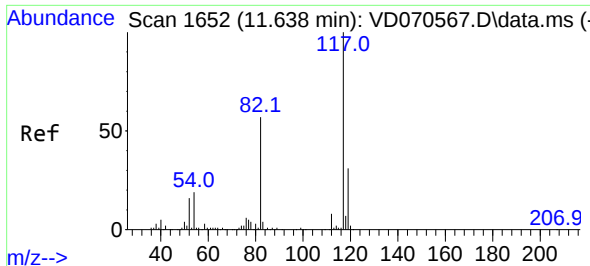
Tgt Ion: 98 Resp: 14890
Ion Ratio Lower Upper
98 100
100 67.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.027 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Tgt Ion: 95 Resp: 4559
Ion Ratio Lower Upper
95 100
174 84.3 0.0 138.0
176 93.0 0.0 135.6

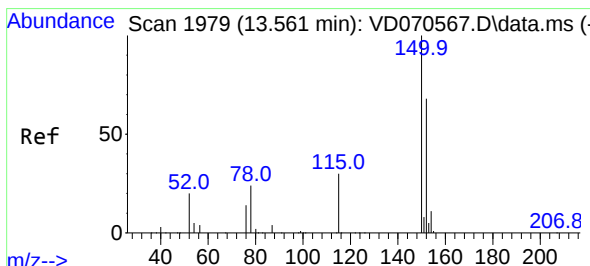
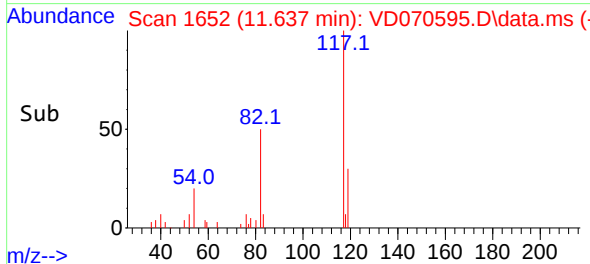
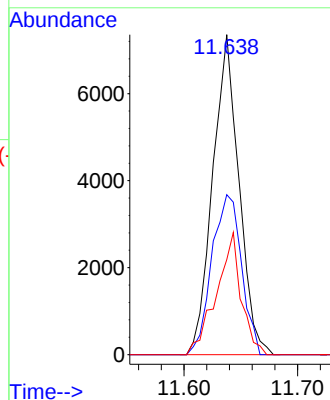
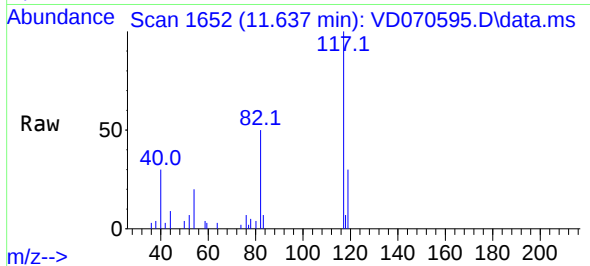




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

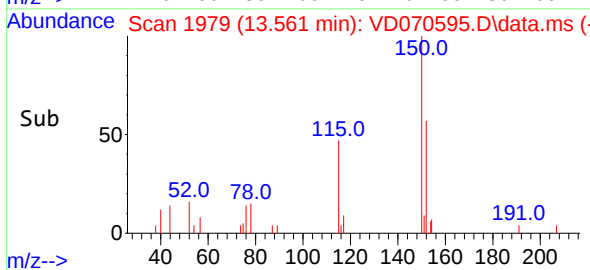
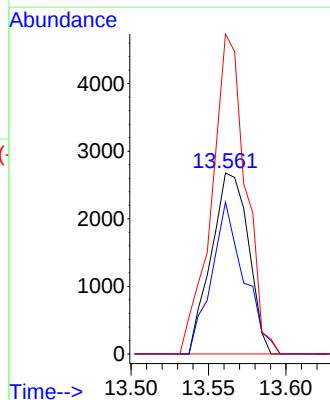
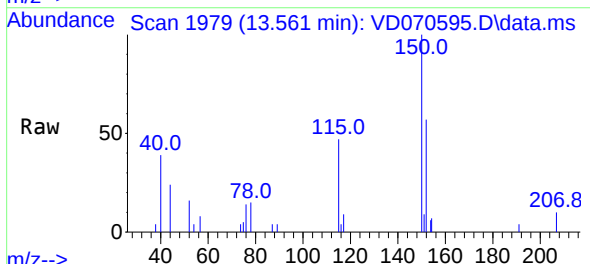
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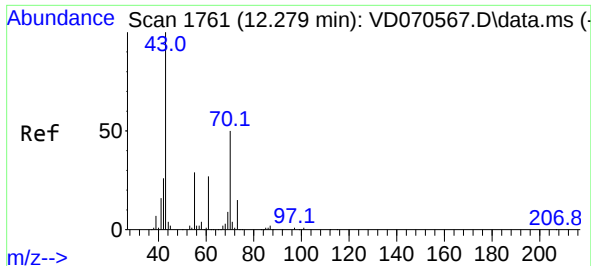
Tgt Ion:	117	Resp:	11813
Ion	Ratio	Lower	Upper
117	100		
82	50.0	45.4	68.2
119	29.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

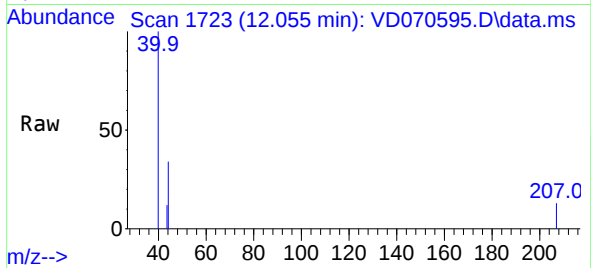
Tgt Ion:	152	Resp:	4464
Ion	Ratio	Lower	Upper
152	100		
115	73.9	31.9	95.7
150	162.3	0.0	350.0



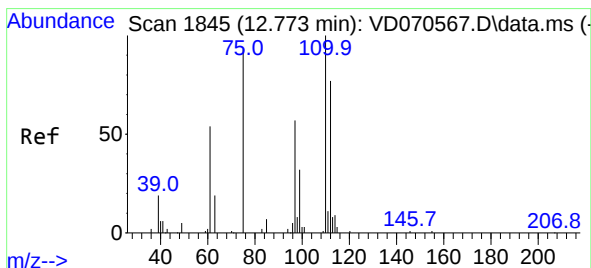
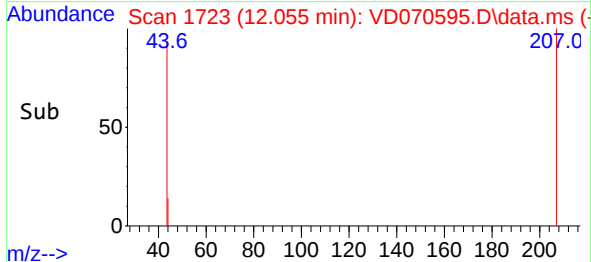
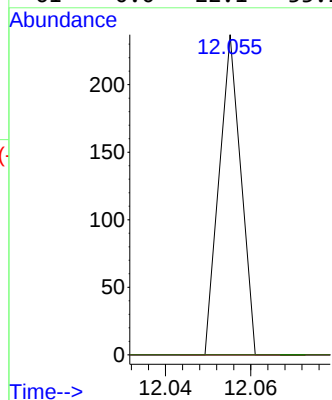


#74
N-amy1 acetate
Concen: 1.370 ug/l
RT: 12.055 min Scan# 1723
Delta R.T. -0.224 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

Instrument :
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VNJ-207

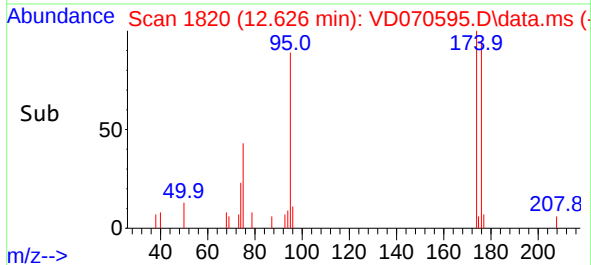
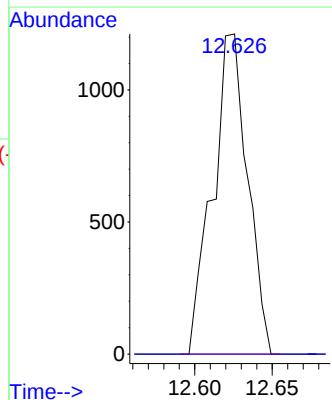
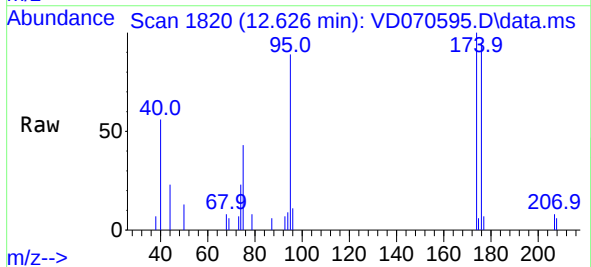


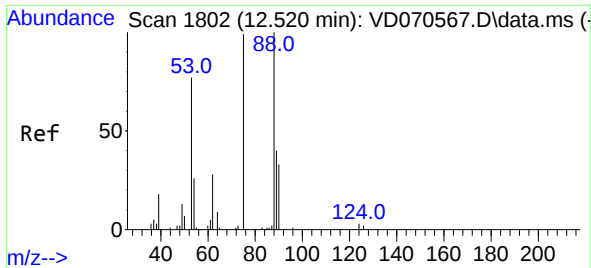
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
70 0.0 40.0 60.0#
55 0.0 23.8 35.6#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 47.025 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070595.D
Acq: 06 Oct 2021 16:00

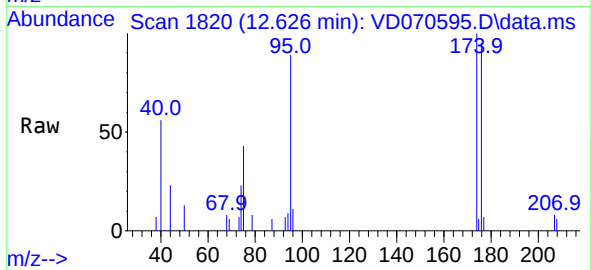
Tgt Ion: 75 Resp: 1900
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.404 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070595.D
 Acq: 06 Oct 2021 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-207



Tgt Ion: 75 Resp: 1900
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 35.3 52.9#

