

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
 Data File : VN057695.D
 Acq On : 5 Sep 2019 10:53
 Operator : JC/SP
 Sample : VN0905WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBL01

Quant Time: Sep 06 01:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58422	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	340304	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241324	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	187028	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	12.40	95	77170	18.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	62.40%
63) Toluene-d8	10.09	98	410615	35.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	117.80%

Target Compounds

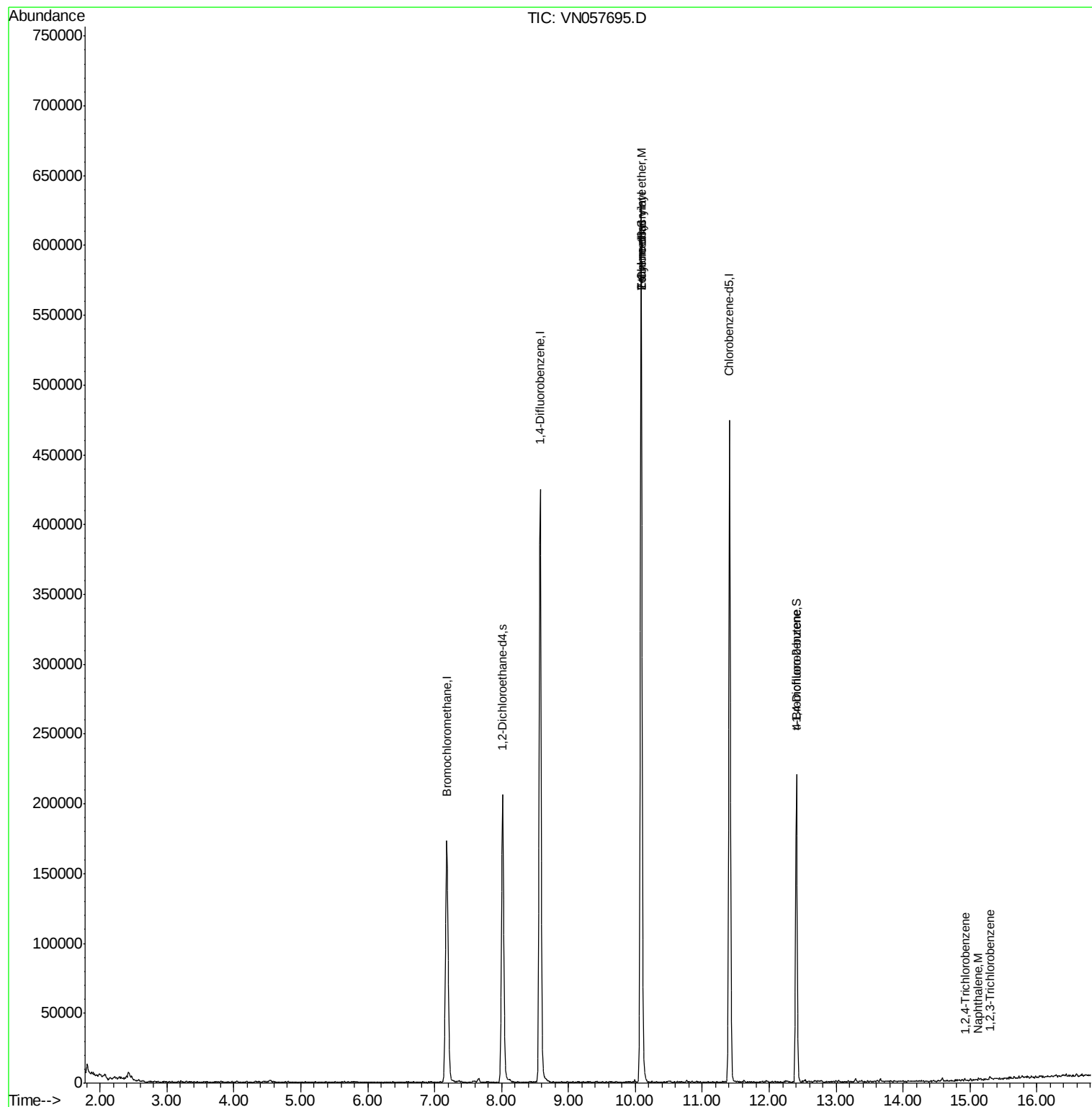
					Qvalue
51) Ethyl methacrylate	10.10	69	1358	0.223 ug/l	89
55) 2-Chloroethyl vinyl ether	10.09	63	440	0.229 ug/l #	1
77) t-1,4-Dichloro-2-butene	12.41	75	45391	41.422 ug/l #	1
89) 1,2,4-Trichlorobenzene	14.92	180	400	0.272 ug/l	93
91) Naphthalene	15.13	128	1113	0.291 ug/l #	69
92) 1,2,3-Trichlorobenzene	15.30	180	629	0.440 ug/l	54

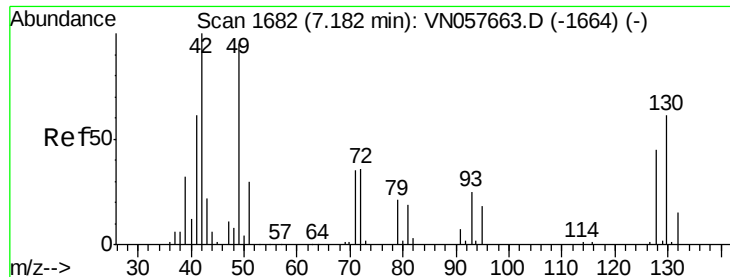
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
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QLast Update : Wed Sep 04 02:08:50 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057695.D

Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

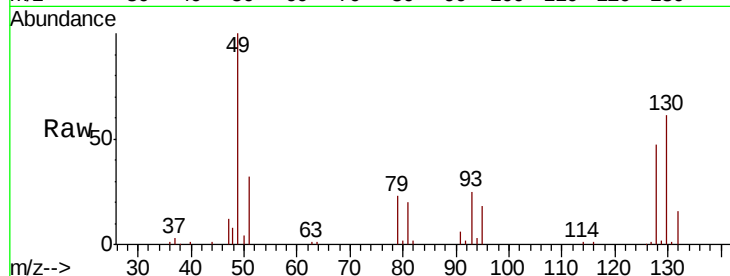
Tgt Ion:128 Resp: 58422

Ion Ratio Lower Upper

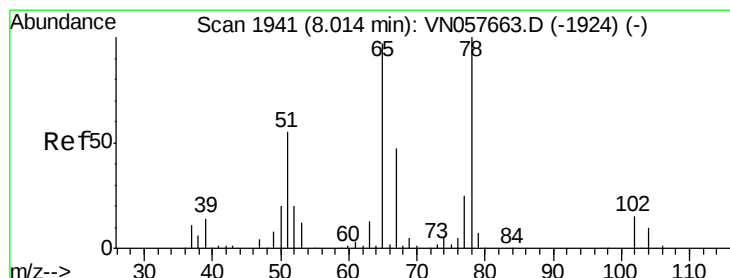
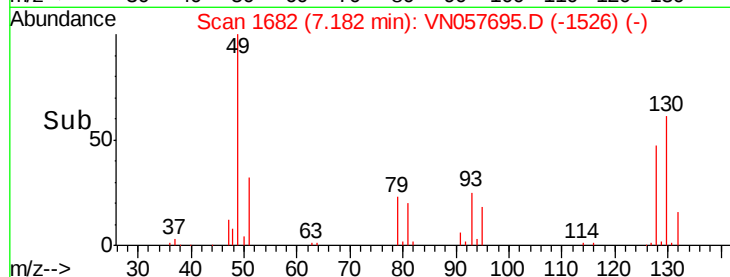
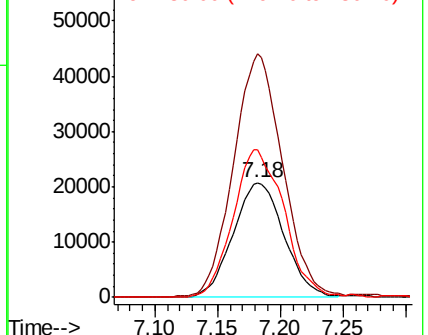
128 100

49 204.3 0.0 544.5

130 128.7 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.115 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057695.D

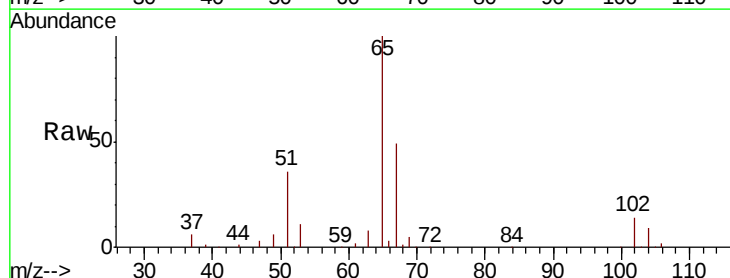
Acq: 5 Sep 2019 10:53

Tgt Ion: 65 Resp: 187028

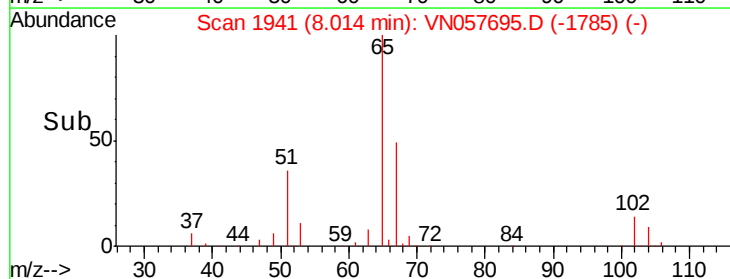
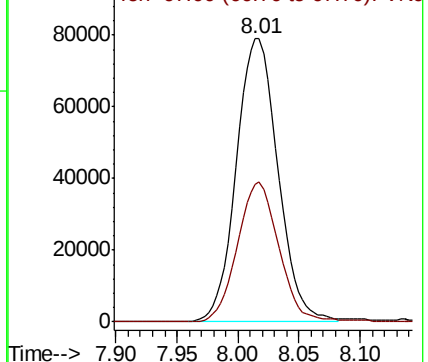
Ion Ratio Lower Upper

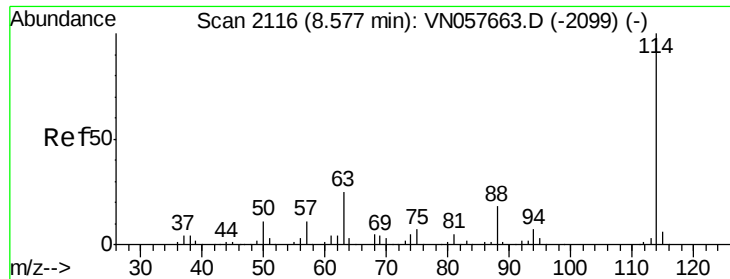
65 100

67 48.8 38.6 57.8



Abundance Ion 65.00 (64.70 to 65.70): VN
Ion 67.00 (66.70 to 67.70): VN

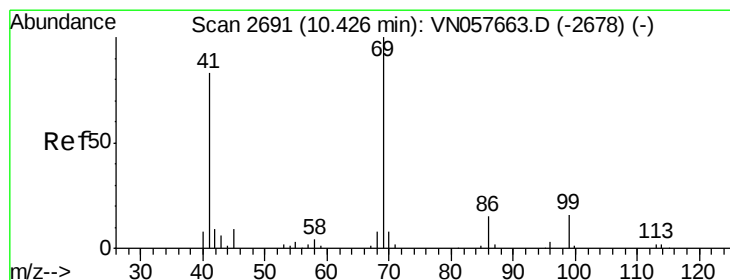
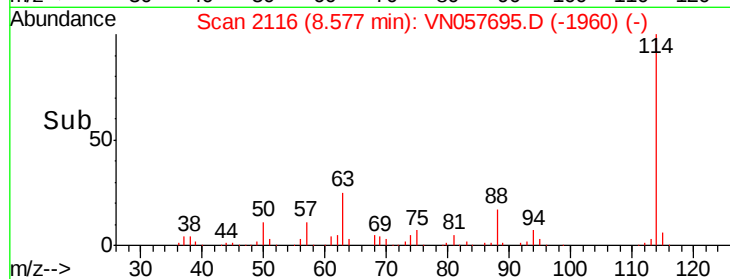
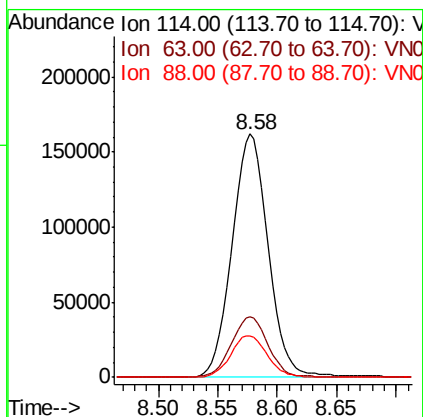
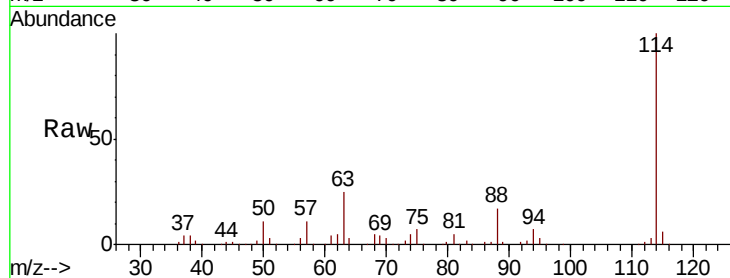




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057695.D
 Acq: 5 Sep 2019 10:53

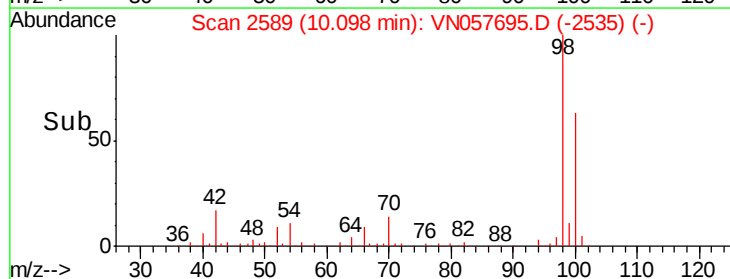
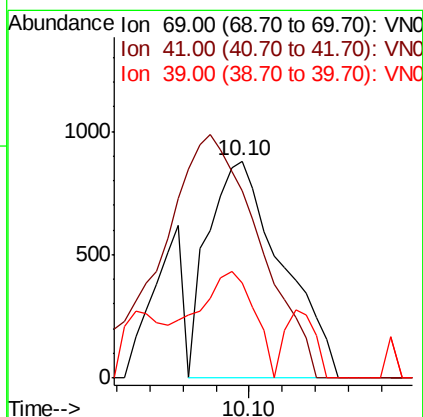
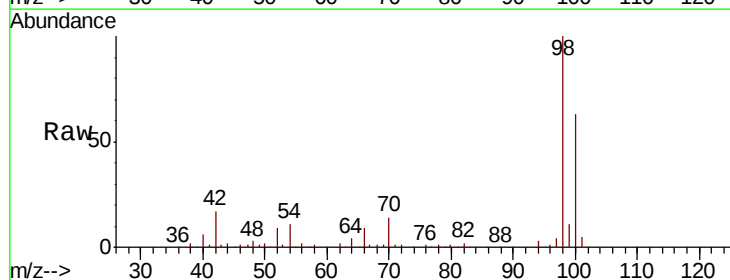
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBL01

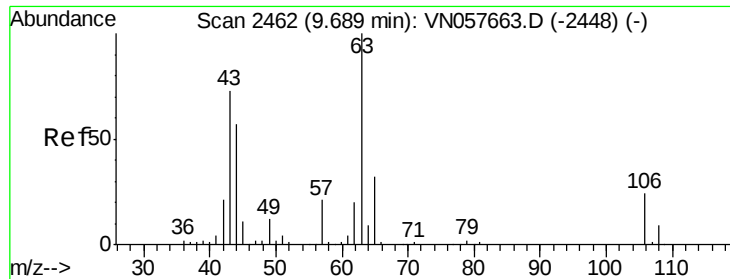
Tgt Ion: 114 Resp: 340304
 Ion Ratio Lower Upper
 114 100
 63 25.3 20.6 30.8
 88 17.4 14.3 21.5



#51
 Ethyl methacrylate
 Concen: 0.223 ug/l
 RT: 10.10 min Scan# 2589
 Delta R.T. -0.33 min
 Lab File: VN057695.D
 Acq: 5 Sep 2019 10:53

Tgt Ion: 69 Resp: 1358
 Ion Ratio Lower Upper
 69 100
 41 86.5 41.5 124.5
 39 44.0 29.6 88.9

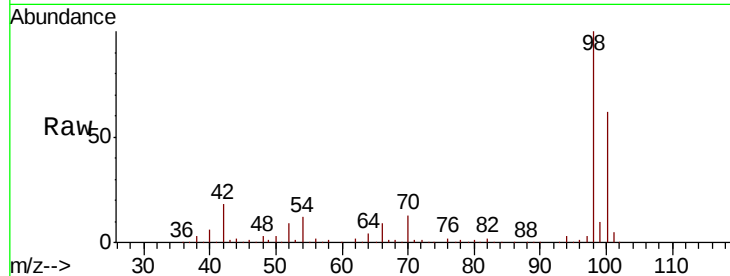




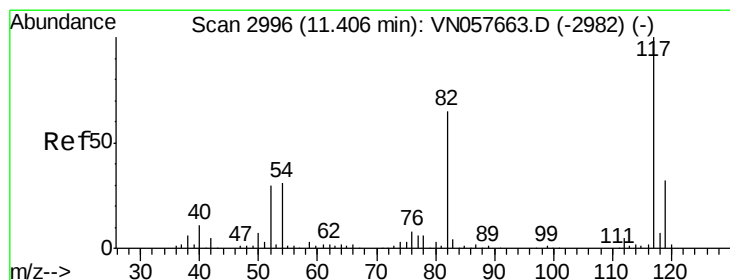
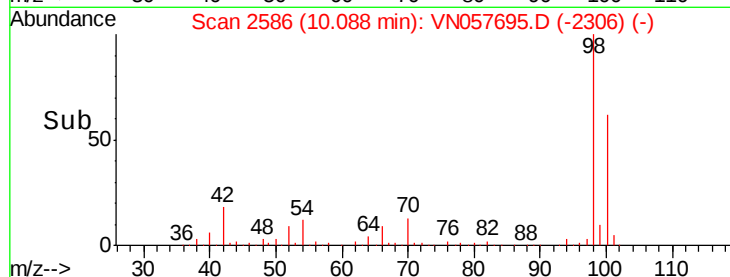
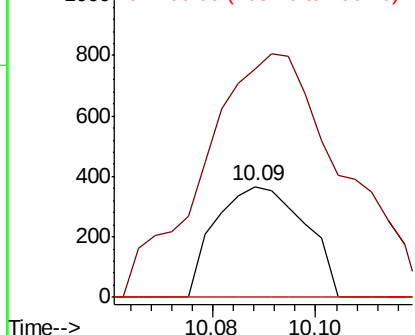
#55
2-Chloroethyl vinyl ether
Concen: 0.229 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.40 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampled :
VN0905WBL01

Tgt Ion: 63 Resp: 440
Ion Ratio Lower Upper
63 100
65 340.2 25.6 38.4#
106 0.0 19.5 29.3#

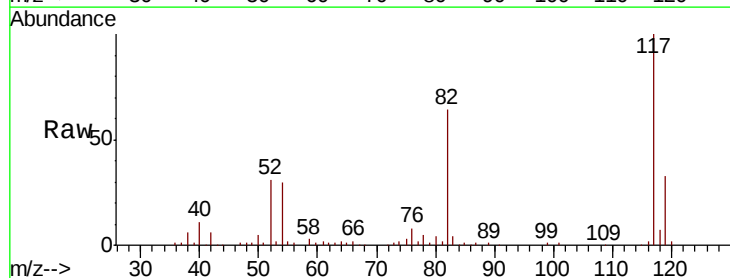


Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0
Ion 106.00 (105.70 to 106.70): V

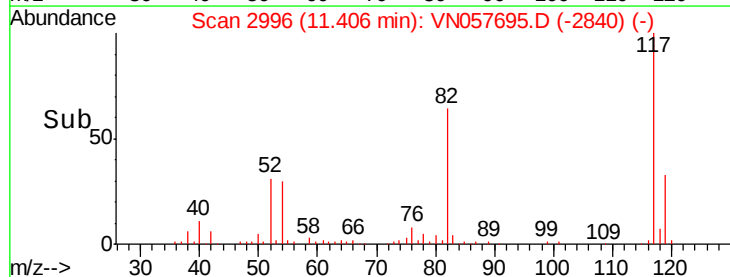
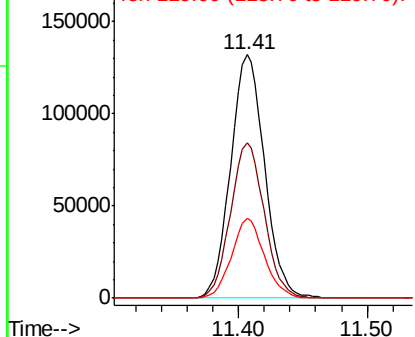


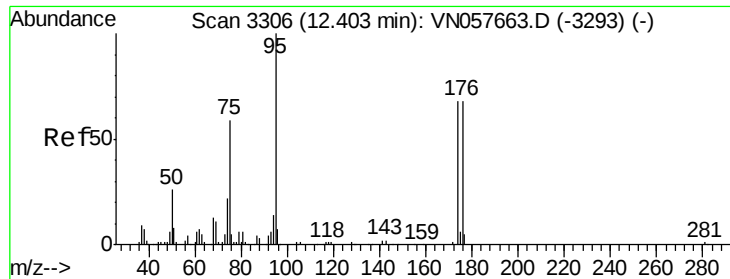
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion: 117 Resp: 241324
Ion Ratio Lower Upper
117 100
82 63.4 51.2 76.8
119 31.8 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 119.00 (118.70 to 119.70): V

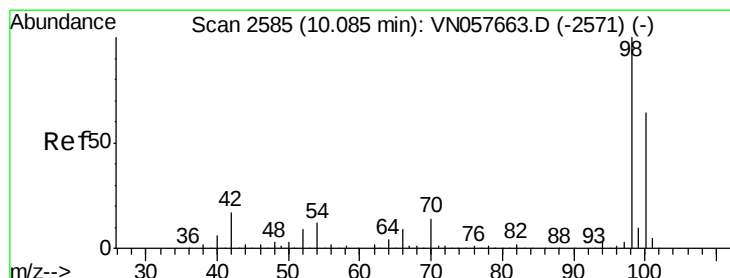
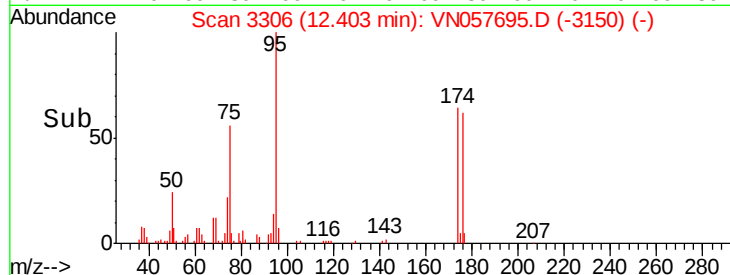
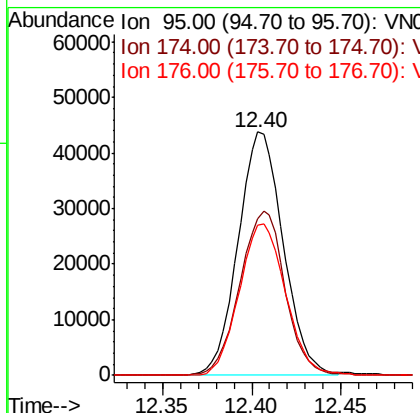
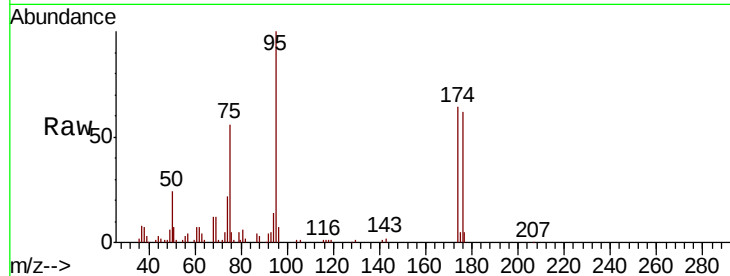




#60
4-Bromofluorobenzene
Concen: 18.718 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

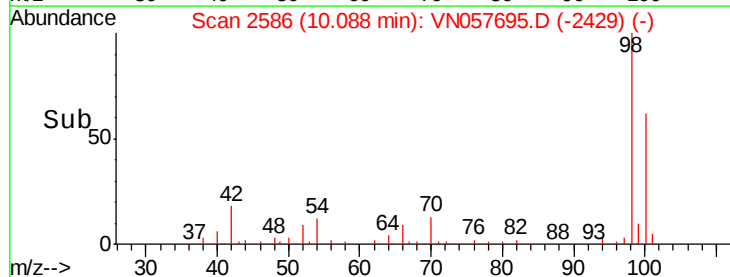
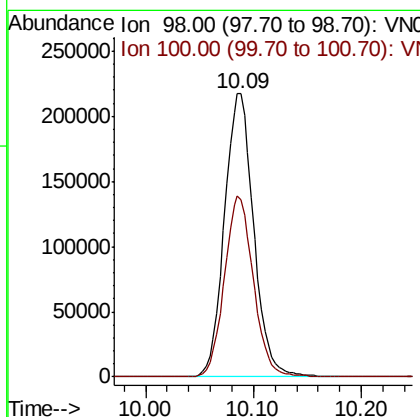
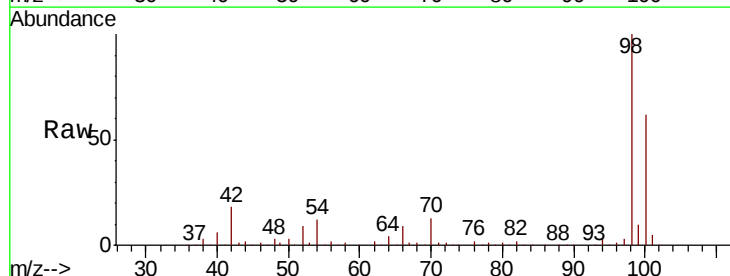
Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

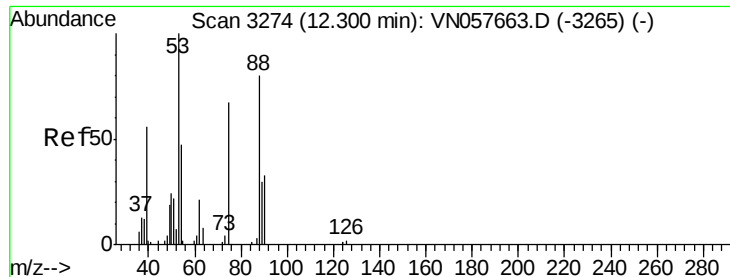
Tgt Ion: 95 Resp: 77170
Ion Ratio Lower Upper
95 100
174 67.5 55.0 82.6
176 63.9 53.7 80.5



#63
Toluene-d8
Concen: 35.335 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion: 98 Resp: 410615
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6

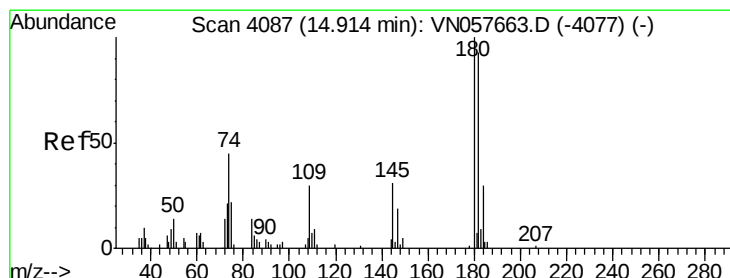
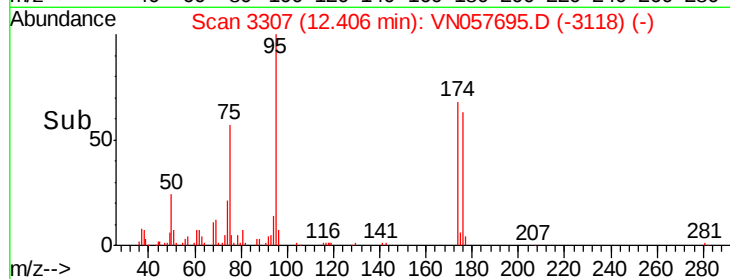
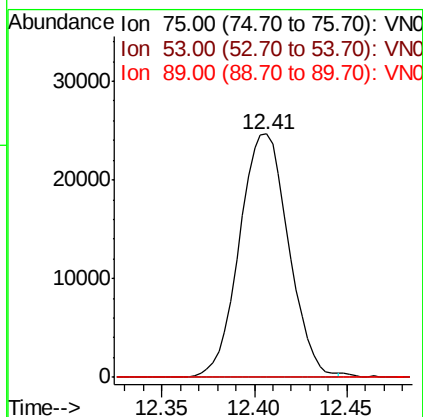
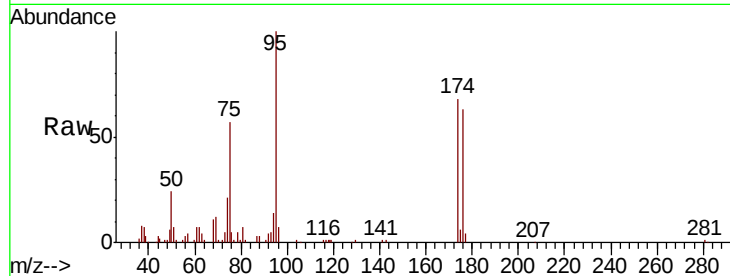




#77
t-1,4-Dichloro-2-butene
Concen: 41.422 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.11 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

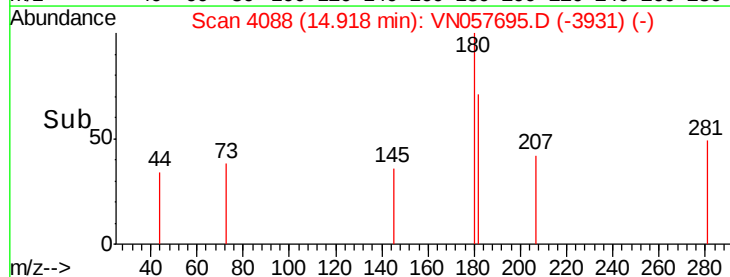
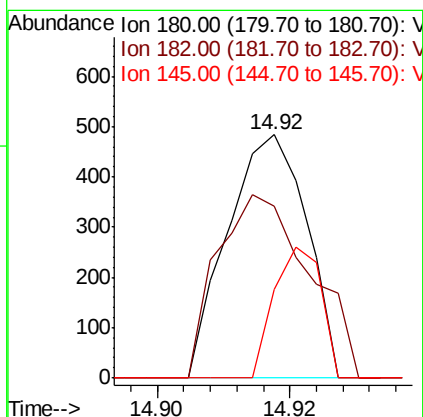
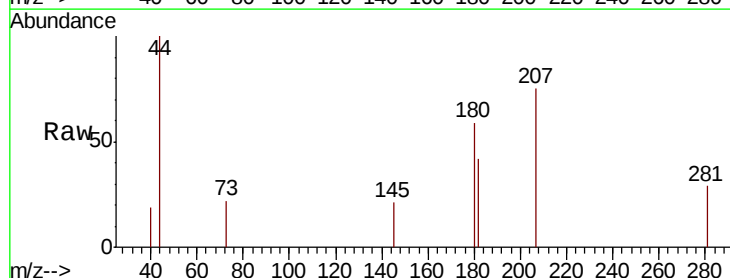
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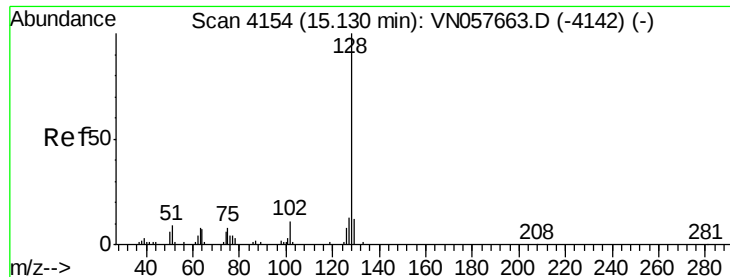
Tgt Ion: 75 Resp: 45391
Ion Ratio Lower Upper
75 100
53 0.0 74.2 222.6#
89 0.0 23.3 69.9#



#89
1,2,4-Trichlorobenzene
Concen: 0.272 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion: 180 Resp: 400
Ion Ratio Lower Upper
180 100
182 88.0 77.4 116.2
145 32.0 25.1 37.7

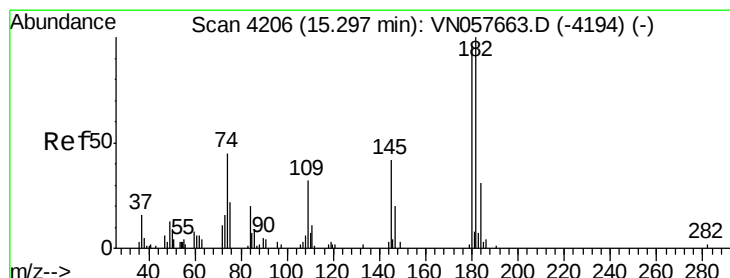
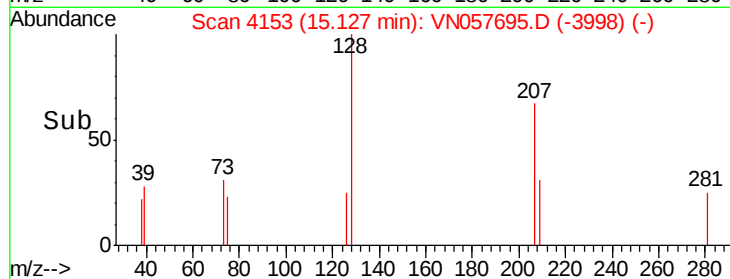
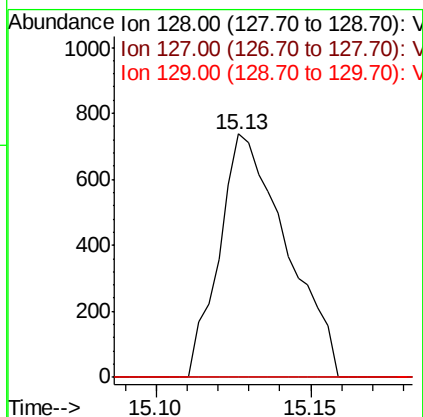
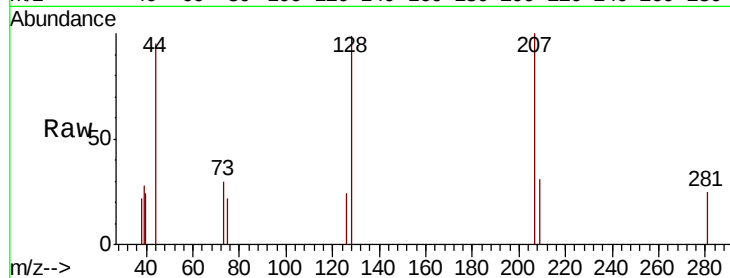




#91
Naphthalene
Concen: 0.291 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Tgt Ion:128 Resp: 1113
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 9.1 13.7#



#92
1,2,3-Trichlorobenzene
Concen: 0.440 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion:180 Resp: 629
Ion Ratio Lower Upper
180 100
182 52.0 0.0 199.4
145 12.9 0.0 73.2

