

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055198.D
 Acq On : 23 Apr 2019 11:49
 Operator : JC/SP
 Sample : K2532-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 24 02:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	370707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	625561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	251548	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	7.59	113	207421	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	10.09	98	770236	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	237824	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	59	0.201	ug/l #	71
13) Acrolein	3.60	56	30	9.575	ug/l #	1
16) Acetone	3.83	43	10552	6.361	ug/l	98
17) Carbon Disulfide	4.05	76	8390	0.787	ug/l	99
18) Methyl Acetate	4.33	43	1462	Below Cal		97
20) Methylene Chloride	4.55	84	43284	9.077	ug/l	93
29) Tetrahydrofuran	7.22	42	2043	1.552	ug/l #	77
30) Chloroform	7.37	83	7981	1.038	ug/l	86
31) Cyclohexane	7.67	56	8156	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	27086	4.665	ug/l #	50
38) Carbon Tetrachloride	7.67	117	34839	6.408	ug/l #	15
43) Isopropyl Acetate	8.17	43	16480	2.172	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1422	0.281	ug/l #	45
47) Bromodichloromethane	9.40	83	1918	0.331	ug/l #	82
48) Methyl methacrylate	9.18	41	6653	1.808	ug/l #	15
51) 4-Methyl-2-Pentanone	10.02	43	8036	1.840	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	51244	7.761	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	8974	1.332	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	61	11.313	ug/l #	51
59) 2-Hexanone	10.76	43	161420	58.529	ug/l #	55
68) m/p-Xylenes	11.62	106	1499	0.201	ug/l	95
71) Bromoform	12.40	173	1621	0.629	ug/l #	1
73) Isopropylbenzene	12.25	105	1819	Below Cal		99
74) N-amyl acetate	12.07	43	869	0.203	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.51	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	119376	35.362	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9443	0.758	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	119376	134.052	ug/l #	5
83) tert-Butylbenzene	12.99	119	1012	Below Cal		88
84) 1,2,4-Trimethylbenzene	13.04	105	6639	0.565	ug/l	94
89) n-Butylbenzene	13.61	91	3228	0.375	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	1442	3.295	ug/l	94
94) Hexachlorobutadiene	15.01	225	839	Below Cal	#	64
95) Naphthalene	15.13	128	4130	4.110	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055198.D
Acq On : 23 Apr 2019 11:49
Operator : JC/SP
Sample : K2532-24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Quant Time: Apr 24 02:49:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

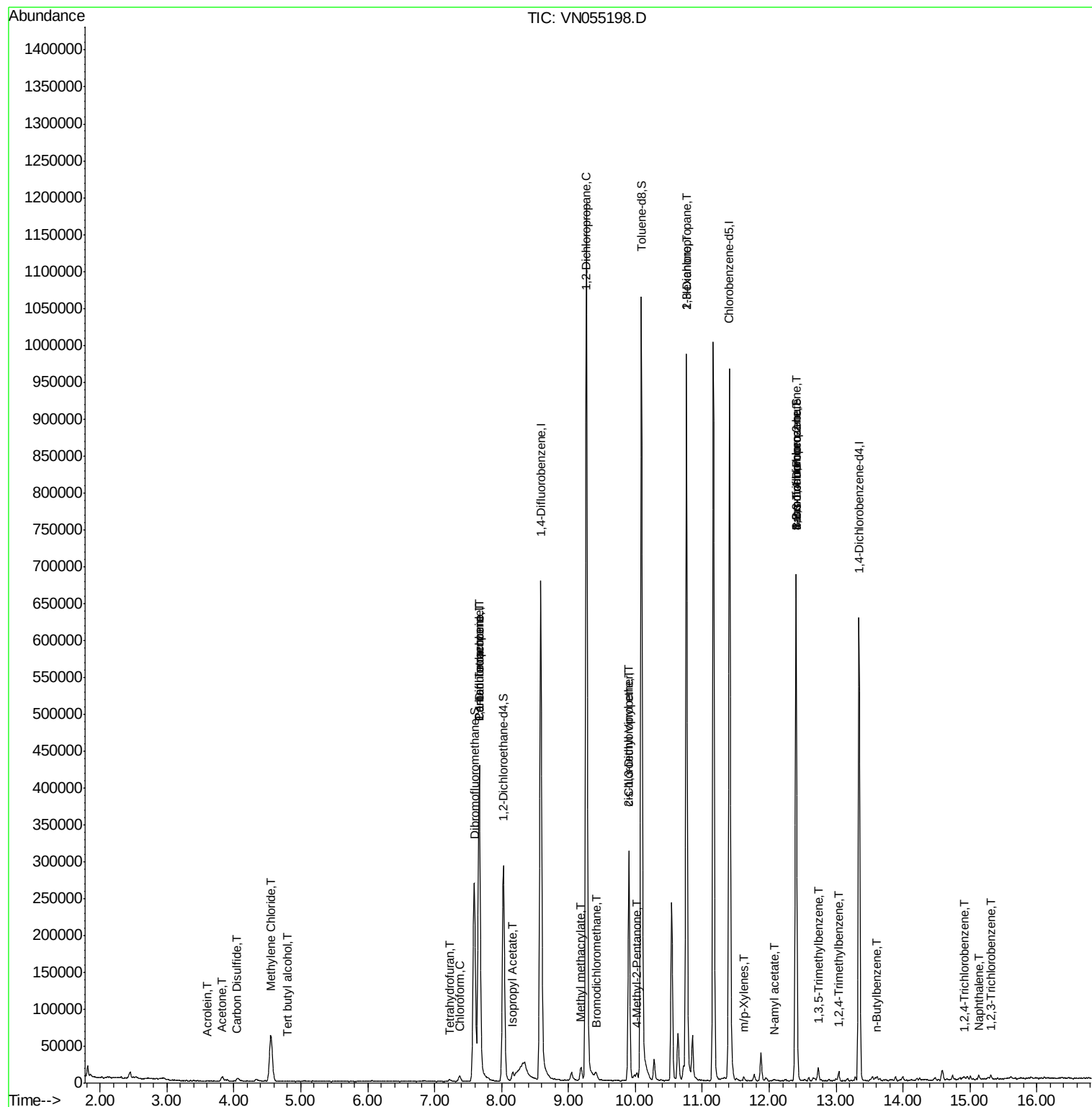
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1617	2.761	ug/l #	81

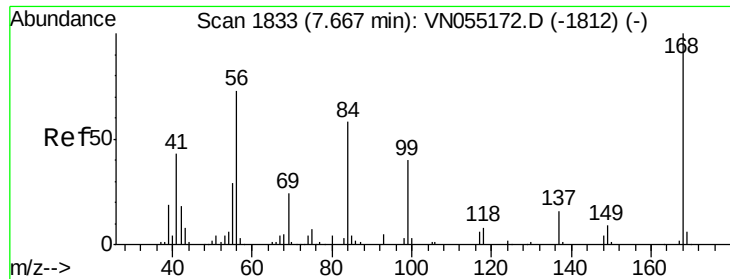
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055198.D
Acq On : 23 Apr 2019 11:49
Operator : JC/SP
Sample : K2532-24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Quant Time: Apr 24 02:49:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

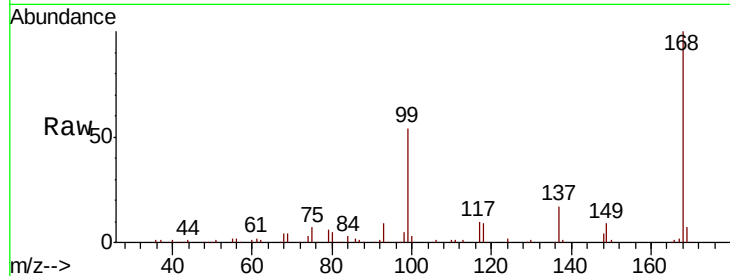
TP-4

Tgt Ion:168 Resp: 370707

Ion Ratio Lower Upper

168 100

99 54.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

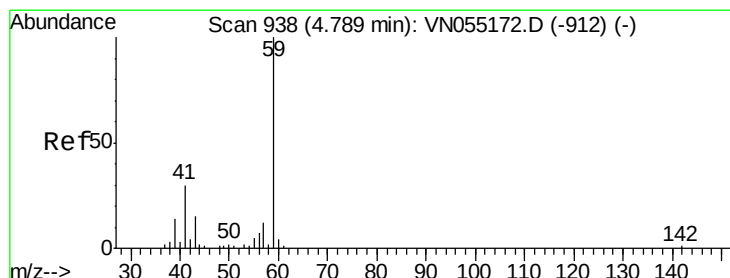
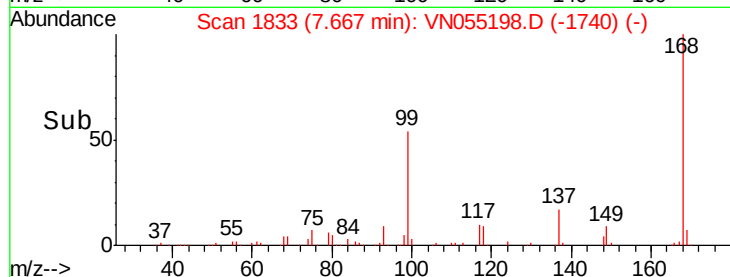
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.201 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.01 min

Lab File: VN055198.D

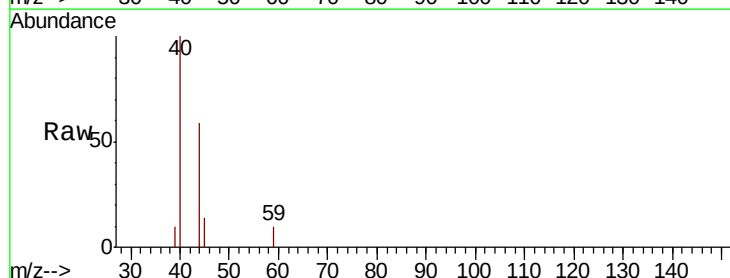
Acq: 23 Apr 2019 11:49

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.80

150

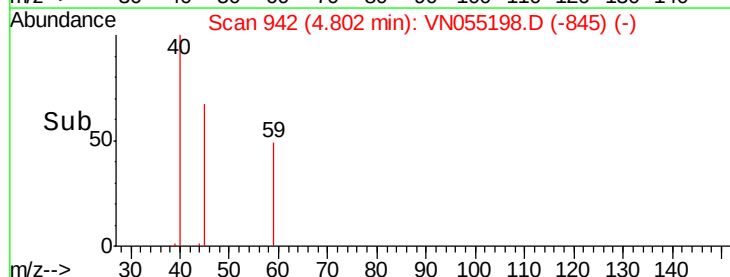
100

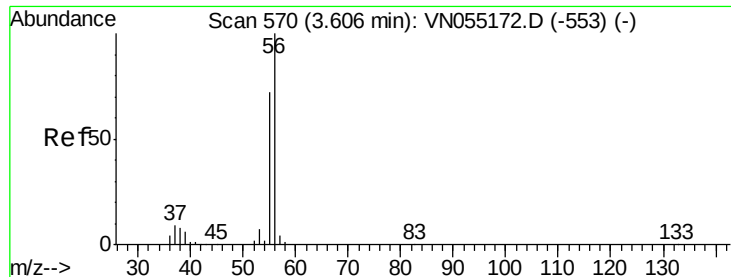
50

0

4.79 4.80 4.81

Time-->





#13

Acrolein

Concen: 9.575 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

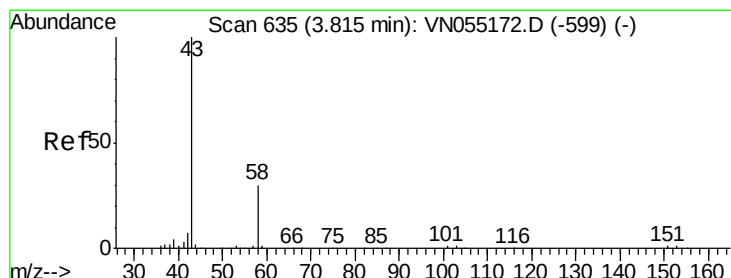
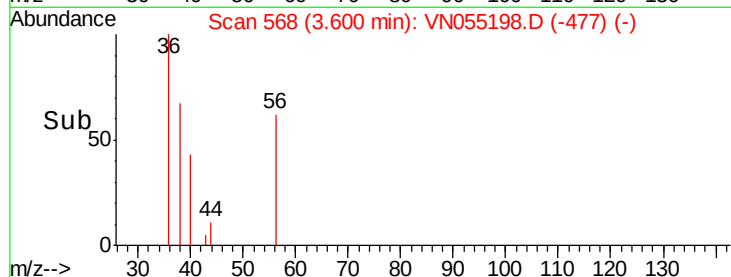
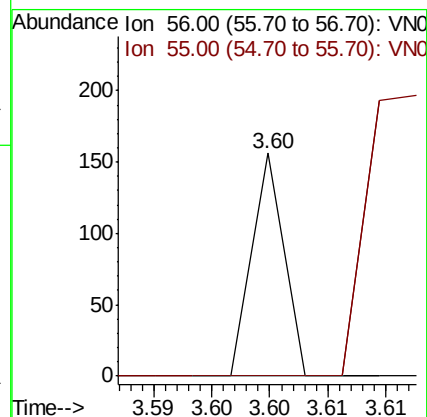
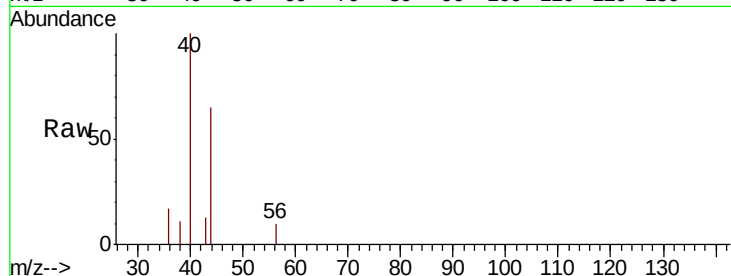
TP-4

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 460.0 57.4 86.0#



#16

Acetone

Concen: 6.361 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055198.D

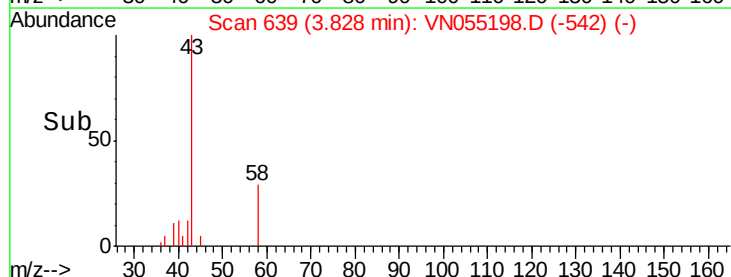
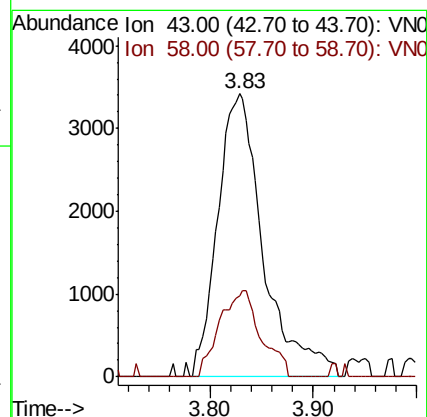
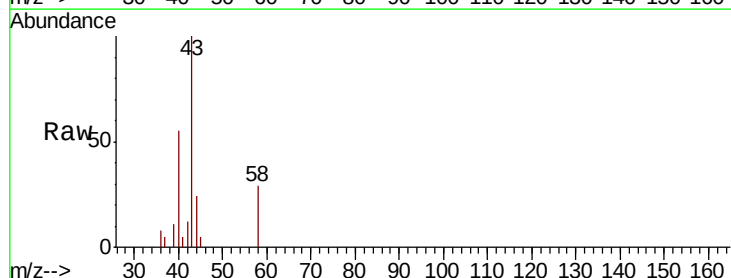
Acq: 23 Apr 2019 11:49

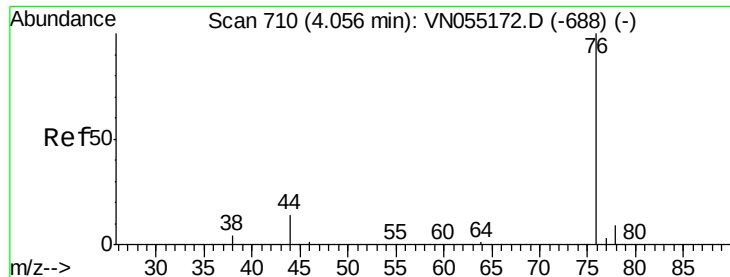
Tgt Ion: 43 Resp: 10552

Ion Ratio Lower Upper

43 100

58 28.6 23.8 35.8





#17

Carbon Disulfide

Concen: 0.787 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

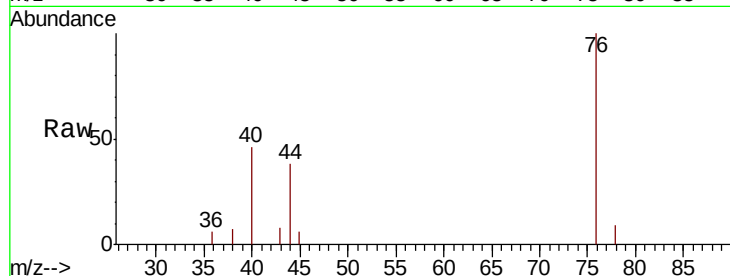
TP-4

Tgt Ion: 76 Resp: 8390

Ion Ratio Lower Upper

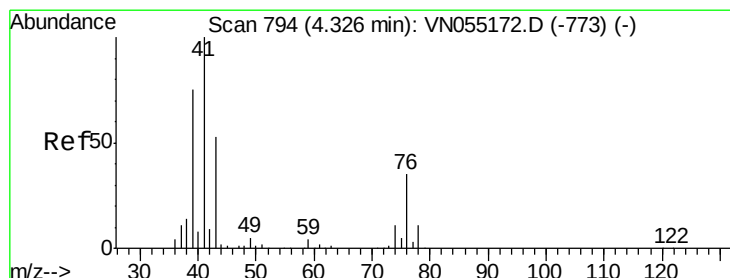
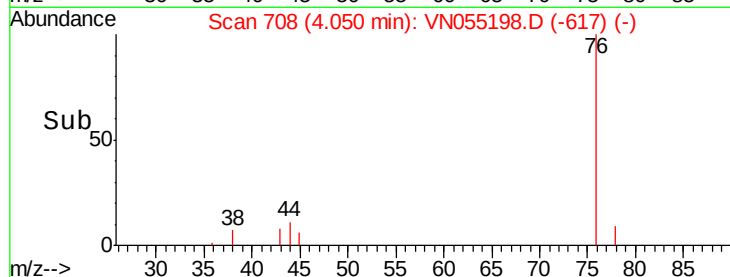
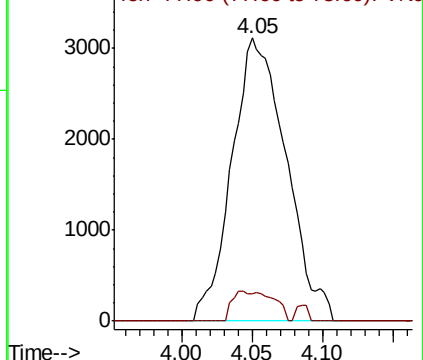
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN055198.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN055198.D (-617) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055198.D

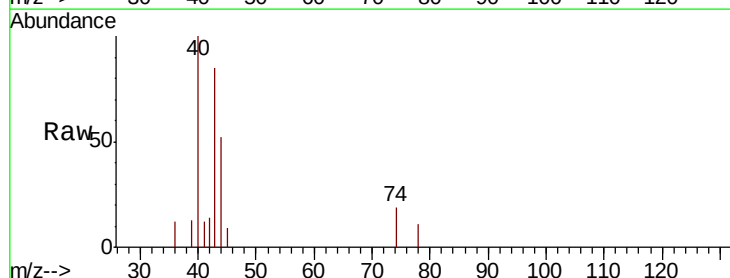
Acq: 23 Apr 2019 11:49

Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

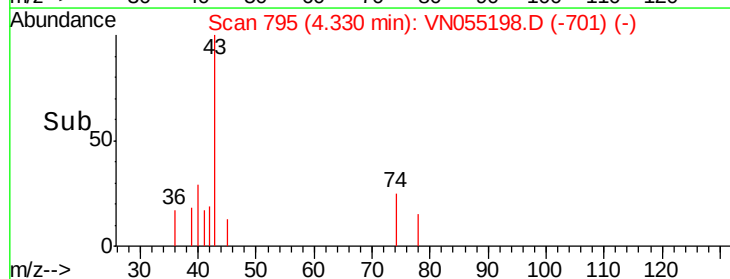
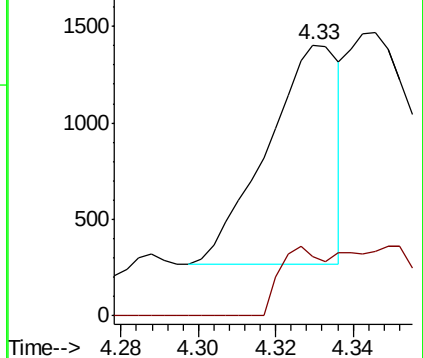
43 100

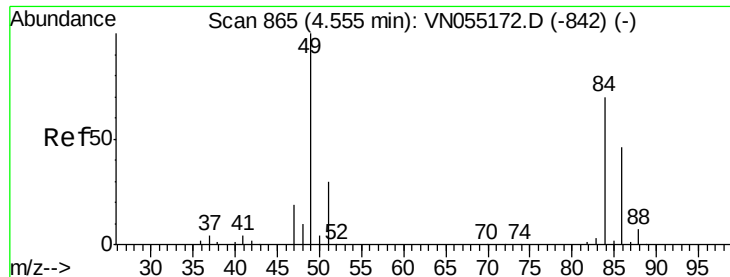
74 19.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VN055198.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN055198.D (-701) (-)

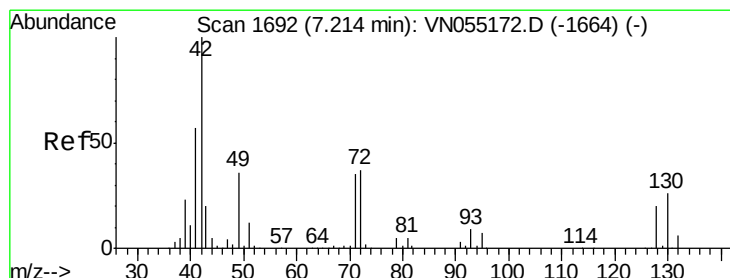
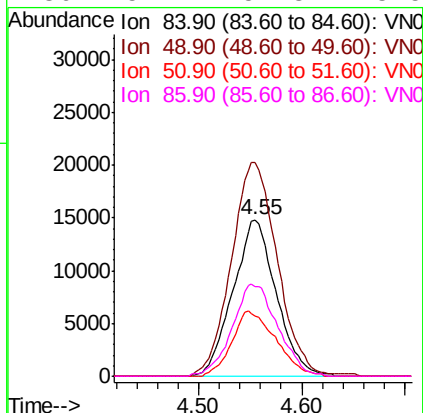
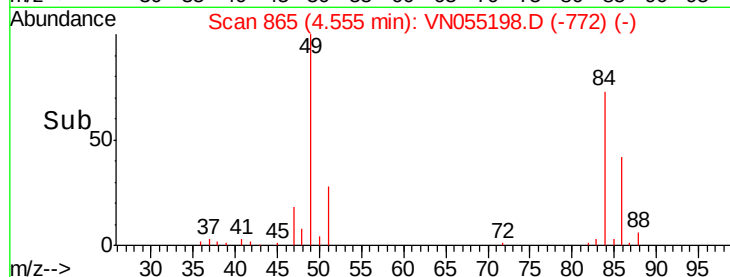
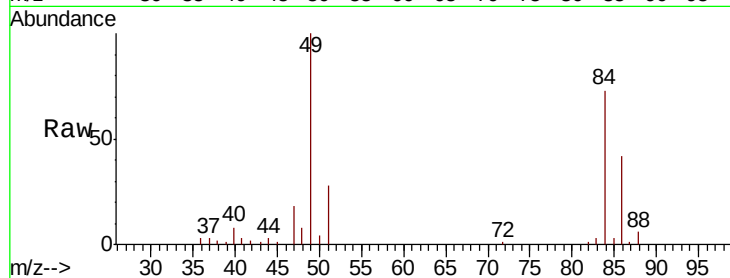




#20
Methylene Chloride
Concen: 9.077 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

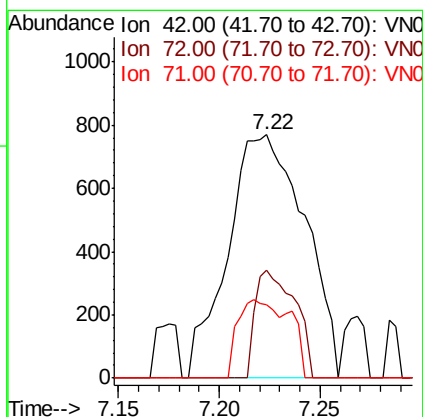
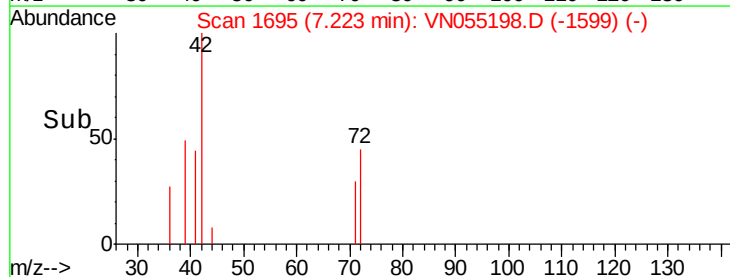
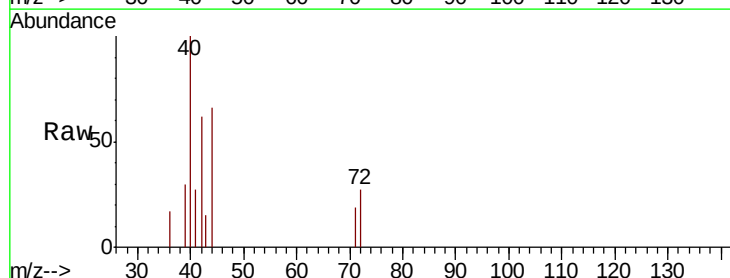
Instrument :
MSVOA_N
ClientSampled :
TP-4

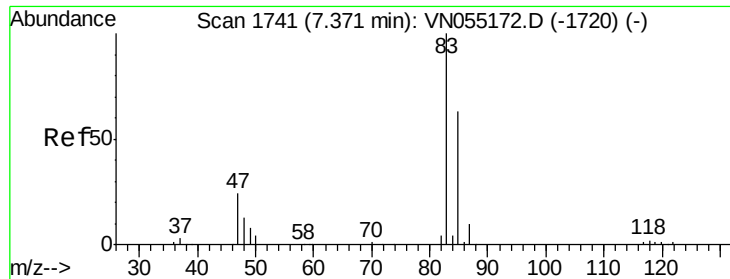
Tgt Ion:	84	Resp:	43284
Ion	Ratio	Lower	Upper
84	100		
49	136.2	113.8	170.6
51	38.7	34.0	51.0
86	57.1	52.3	78.5



#29
Tetrahydrofuran
Concen: 1.552 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion:	42	Resp:	2043
Ion	Ratio	Lower	Upper
42	100		
72	22.9	29.4	44.2#
71	21.8	27.8	41.8#

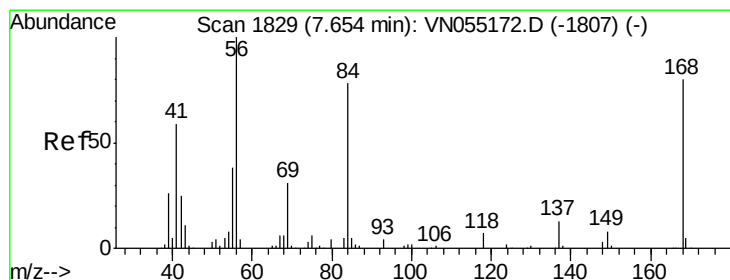
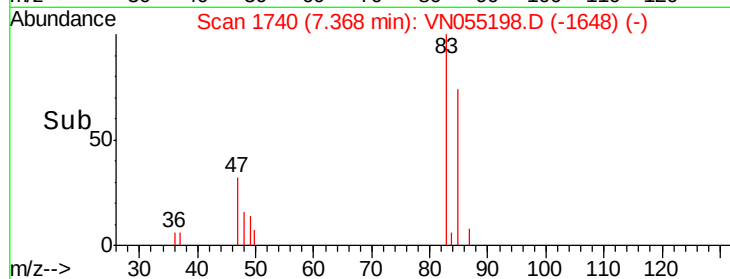
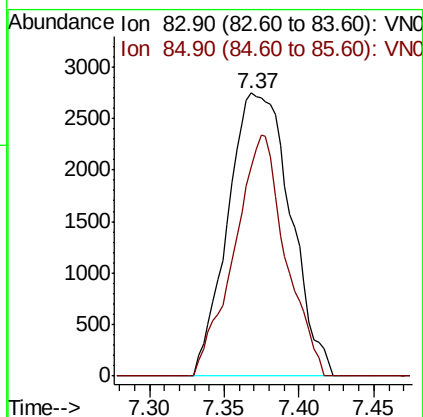
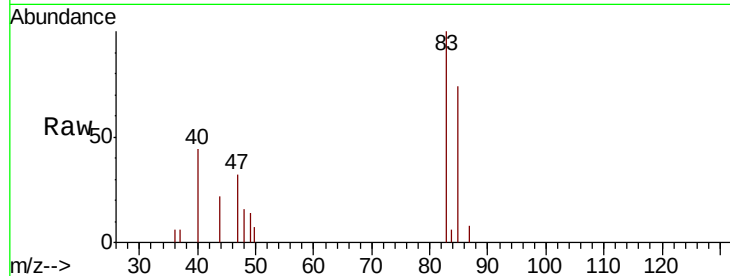




#30
Chloroform
Concen: 1.038 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

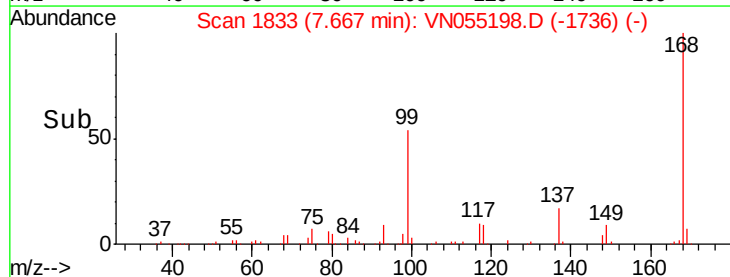
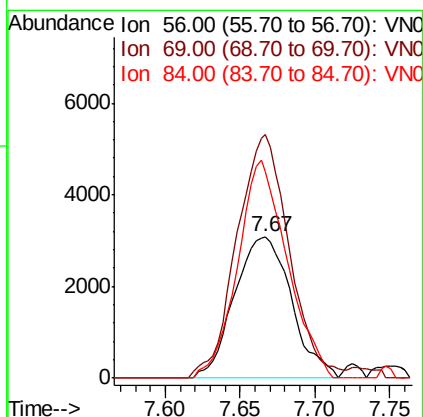
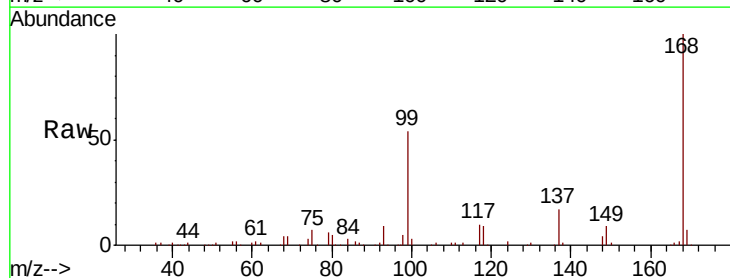
Instrument :
MSVOA_N
ClientSampleId :
TP-4

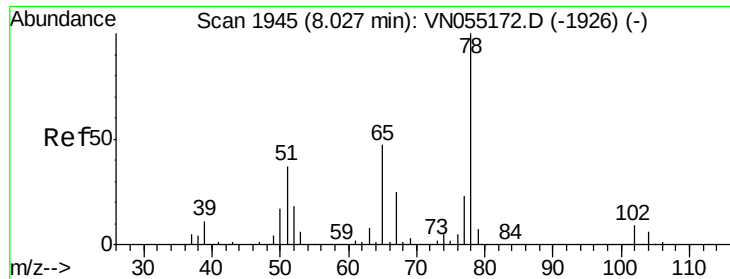
Tgt Ion: 83 Resp: 7981
Ion Ratio Lower Upper
83 100
85 74.1 50.6 76.0



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 56 Resp: 8156
Ion Ratio Lower Upper
56 100
69 171.9 24.6 37.0#
84 146.0 61.4 92.2#

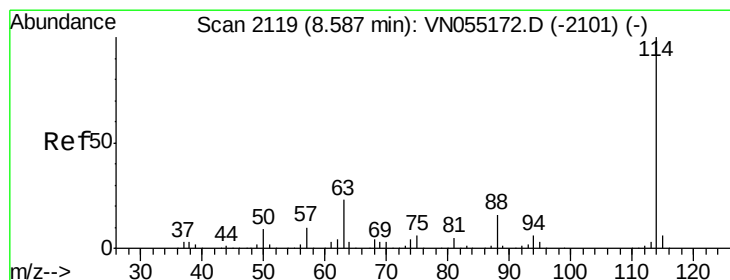
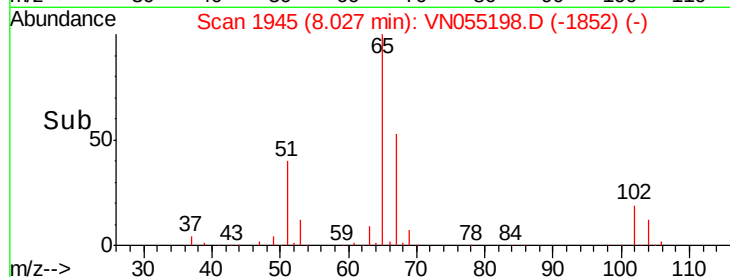
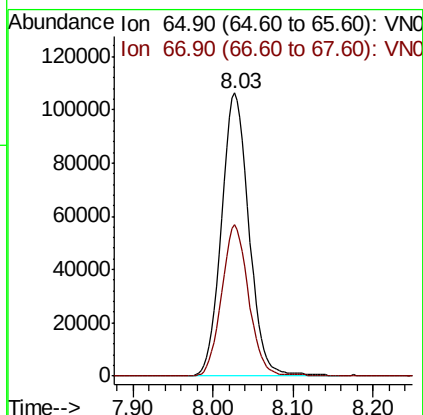
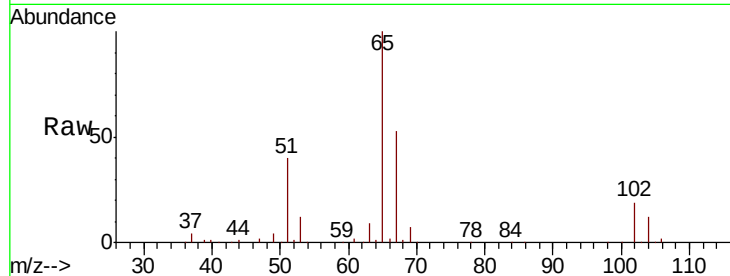




#33
 1,2-Dichloroethane-d4
 Concen: 50.133 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

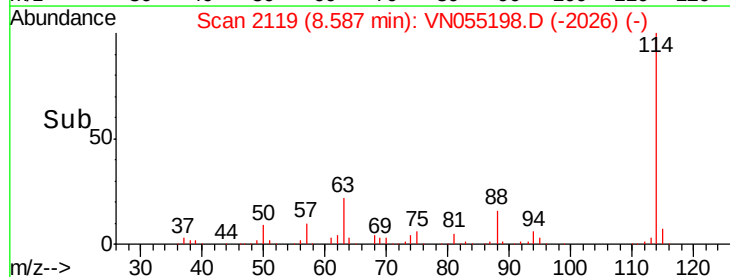
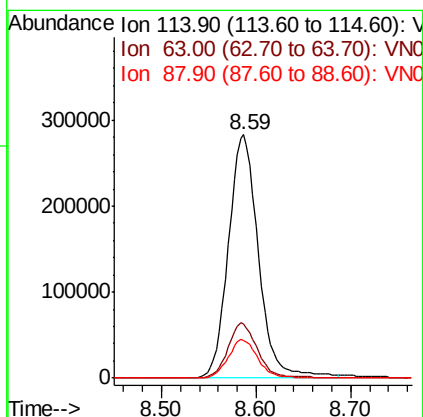
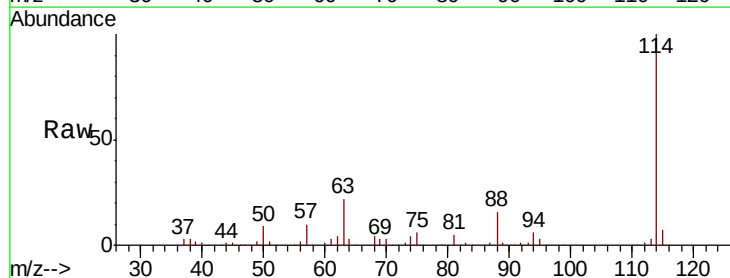
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

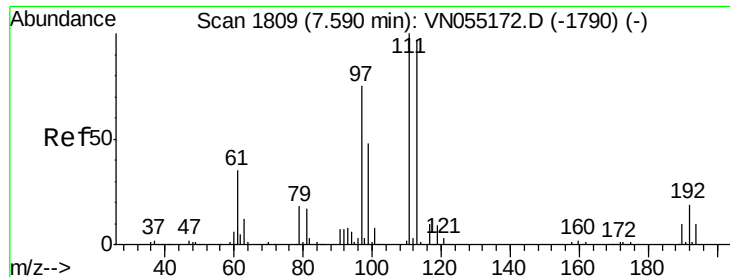
Tgt Ion: 65 Resp: 251548
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion: 114 Resp: 625561
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 15.6 0.0 32.8

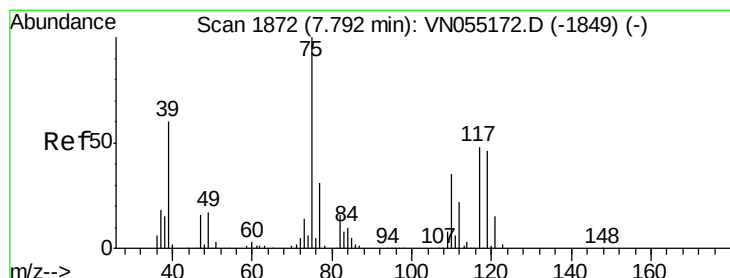
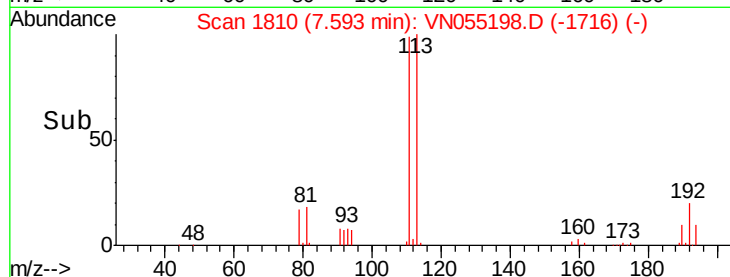
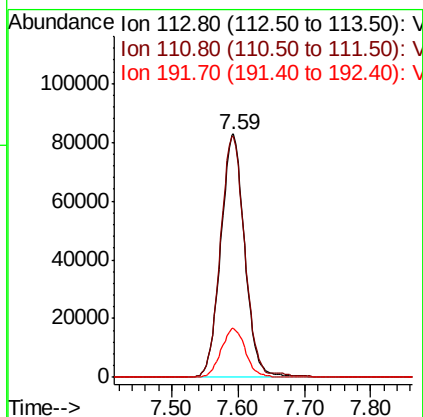
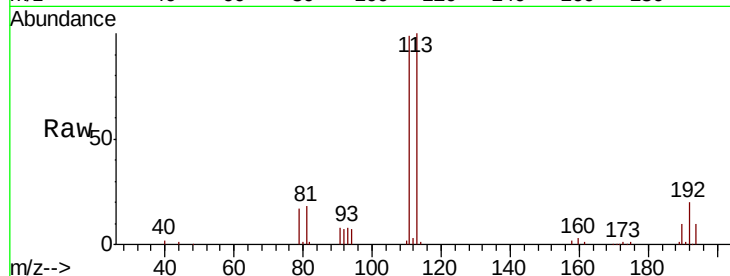




#35
 Dibromofluoromethane
 Concen: 48.808 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

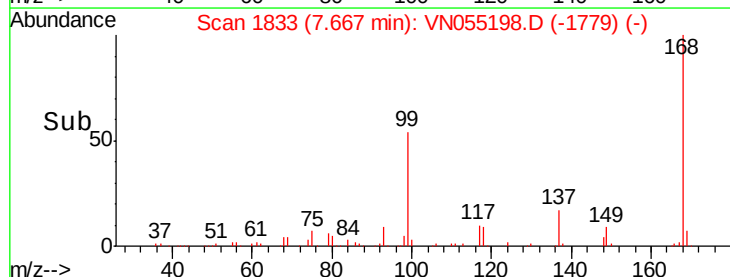
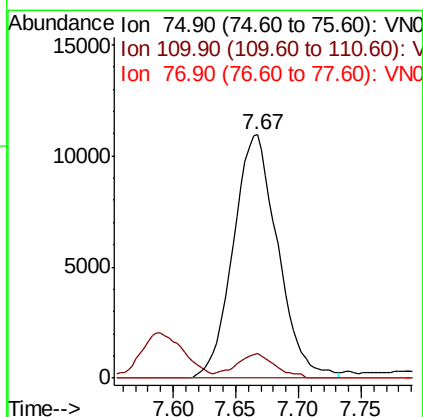
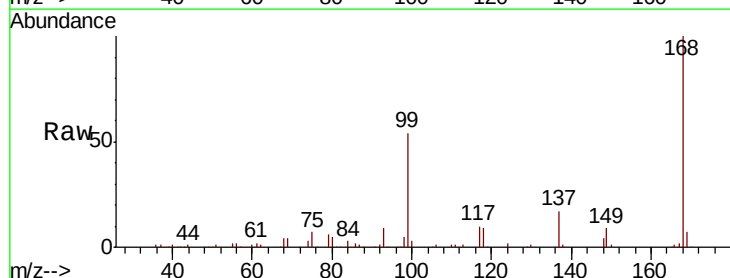
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

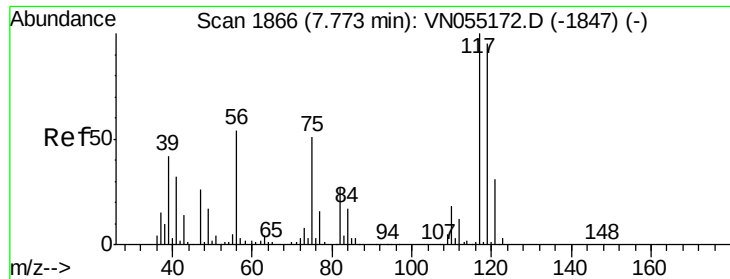
Tgt Ion: 113 Resp: 207421
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.0 121.4
 192 20.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.665 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion: 75 Resp: 27086
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.2#
 77 0.0 24.6 36.8#

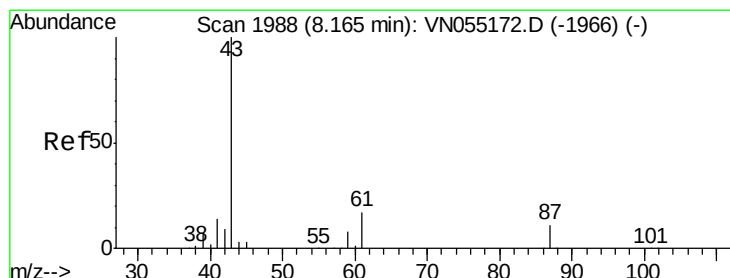
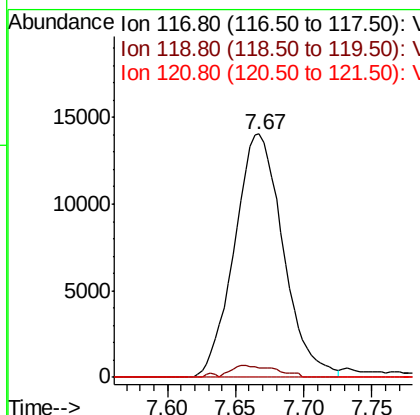
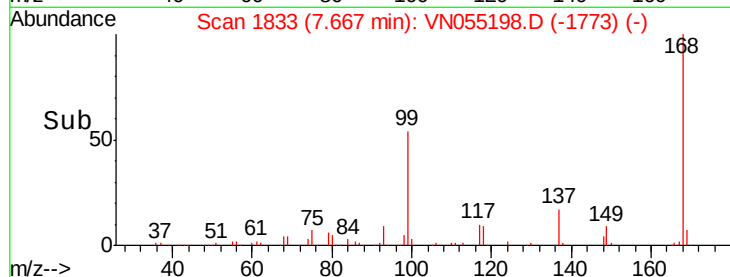
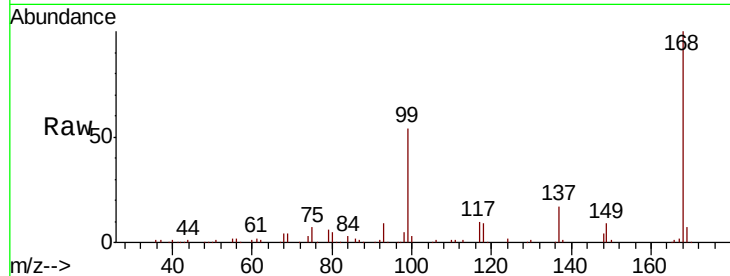




#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

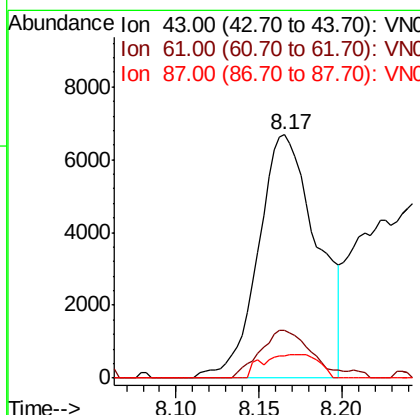
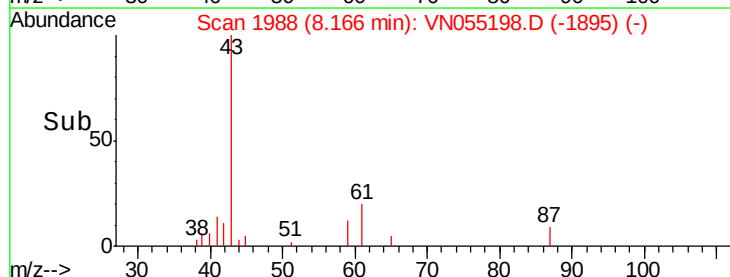
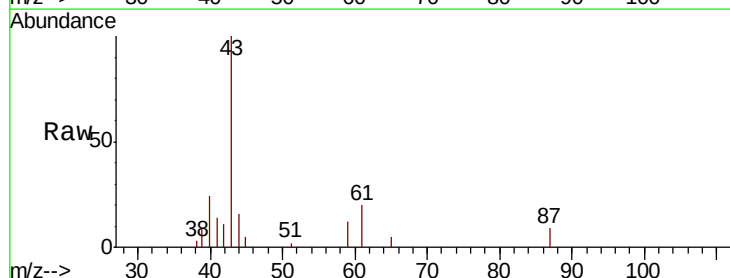
Instrument :
MSVOA_N
ClientSampled :
TP-4

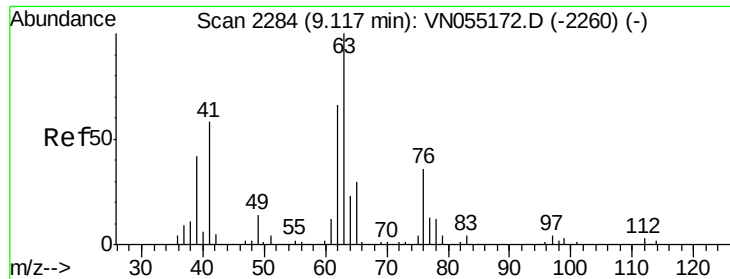
Tgt Ion:117 Resp: 34839
Ion Ratio Lower Upper
117 100
119 3.9 76.0 114.0#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.172 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 43 Resp: 16480
Ion Ratio Lower Upper
43 100
61 18.0 20.6 30.8#
87 7.8 8.8 13.2#





#45

1,2-Dichloropropane

Concen: 0.281 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

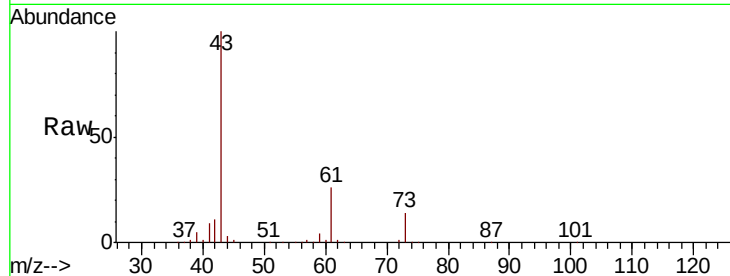
TP-4

Tgt Ion: 63 Resp: 1422

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

800

600

400

200

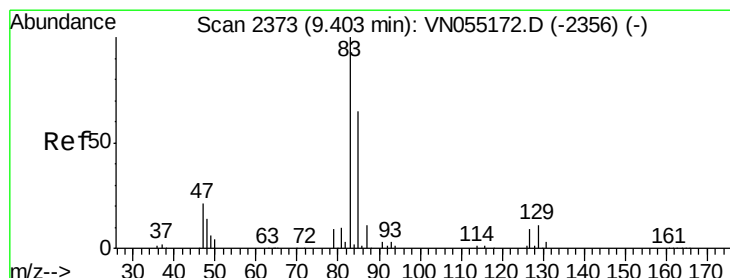
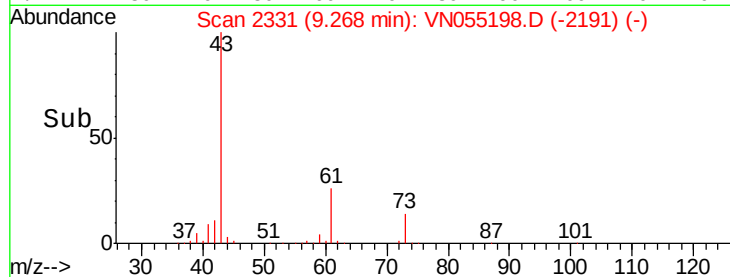
0

9.25

9.27

9.30

Time-->



#47

Bromodichloromethane

Concen: 0.331 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

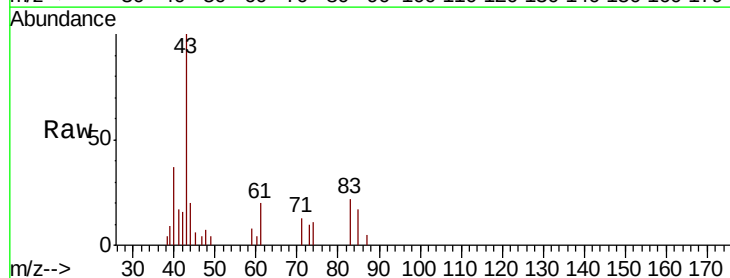
Tgt Ion: 83 Resp: 1918

Ion Ratio Lower Upper

83 100

85 78.3 52.1 78.1#

127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

1200

1000

800

600

400

200

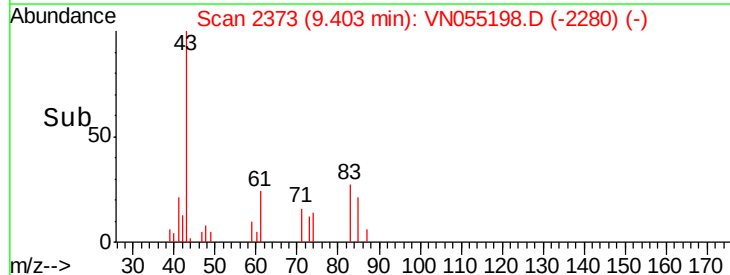
0

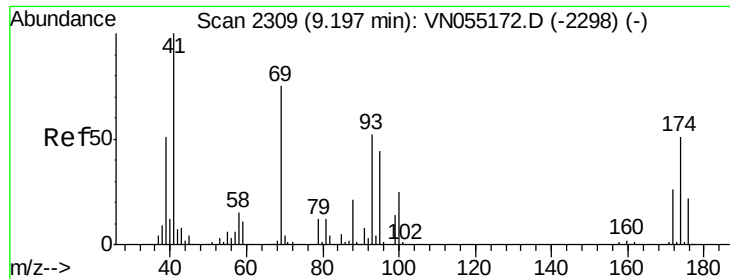
9.35

9.40

9.45

Time-->

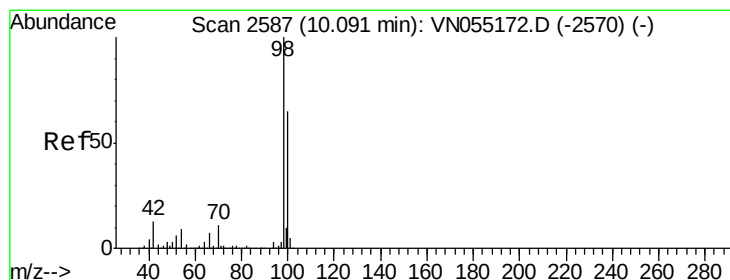
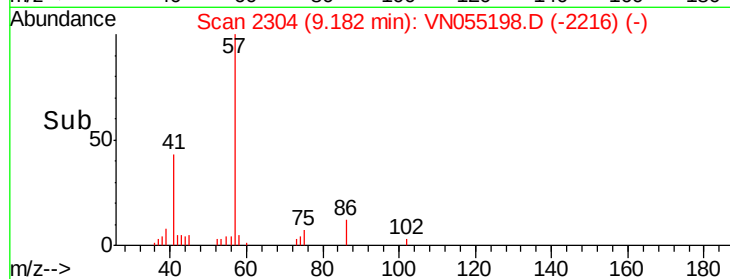
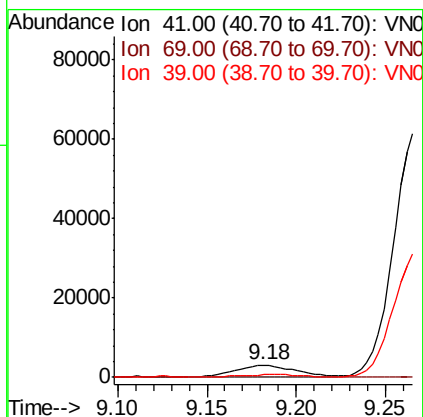
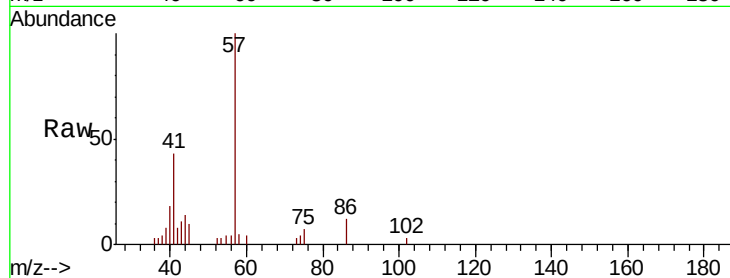




#48
Methyl methacrylate
Concen: 1.808 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

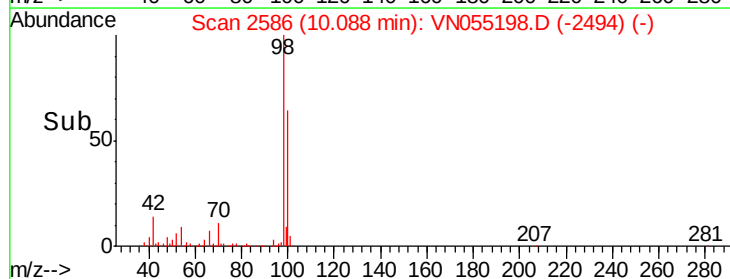
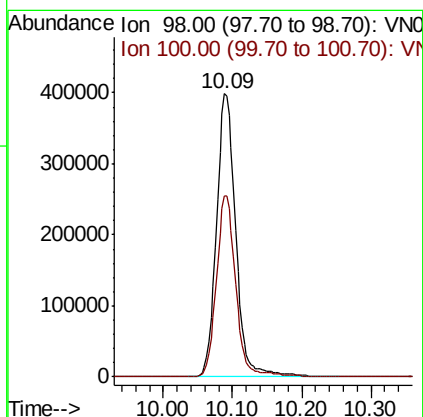
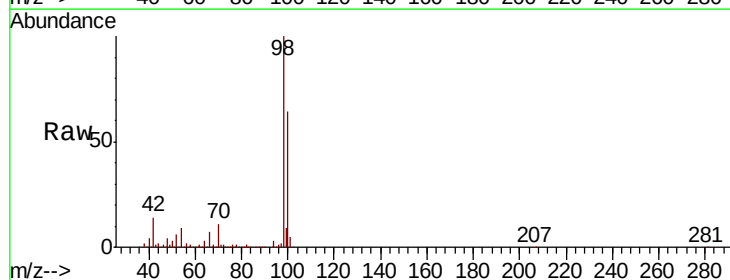
Instrument :
MSVOA_N
ClientSampled :
TP-4

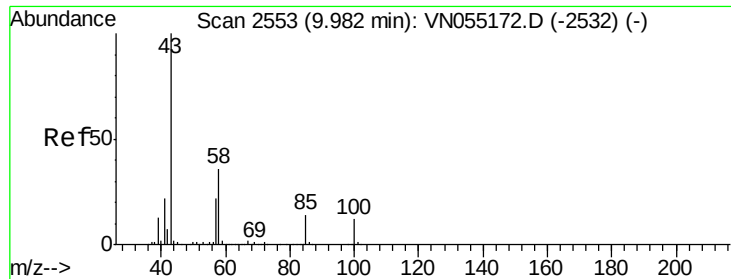
Tgt Ion: 41 Resp: 6653
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#



#50
Toluene-d8
Concen: 48.917 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 98 Resp: 770236
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

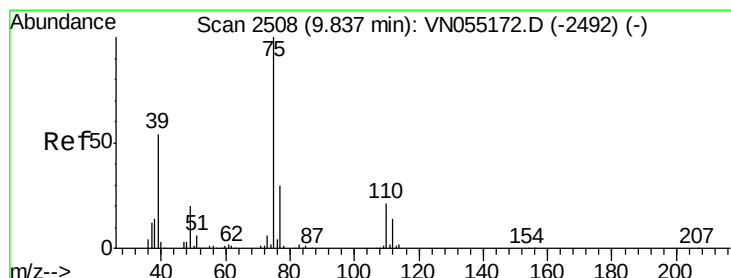
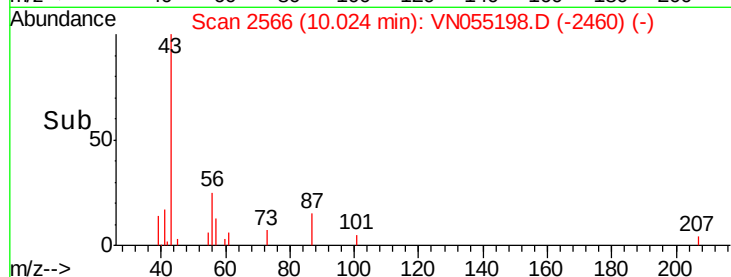
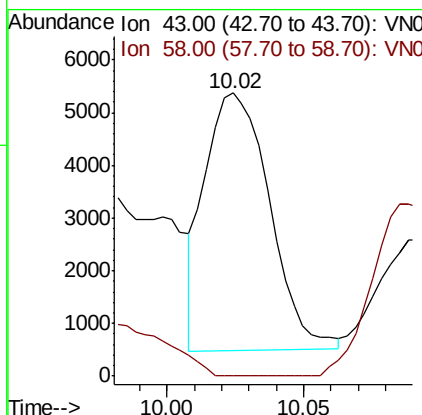
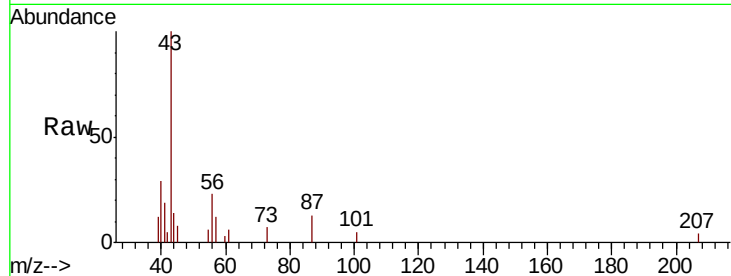




#51
 4-Methyl-2-Pentanone
 Concen: 1.840 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

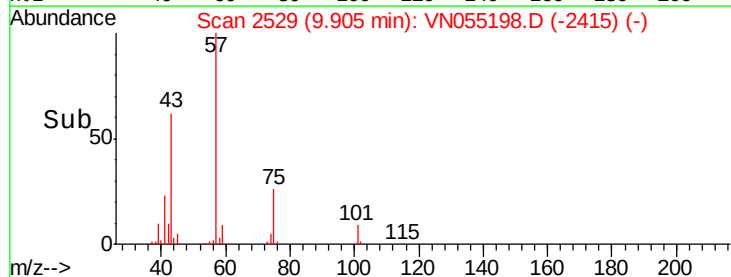
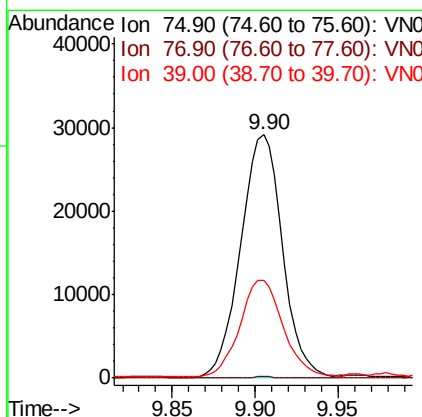
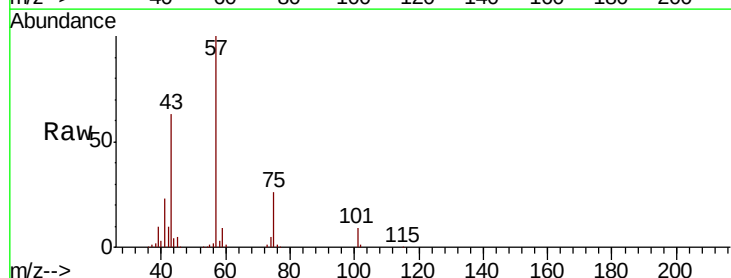
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

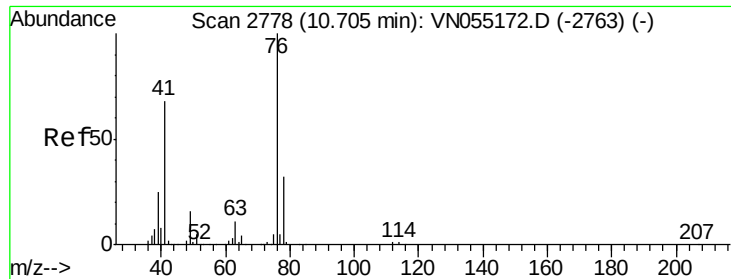
Tgt Ion: 43 Resp: 8036
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.3 42.5#



#54
 cis-1,3-Dichloropropene
 Concen: 7.761 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion: 75 Resp: 51244
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.3 36.5#
 39 39.3 43.0 64.4#

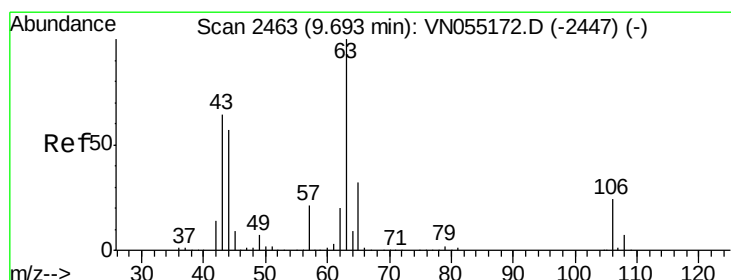
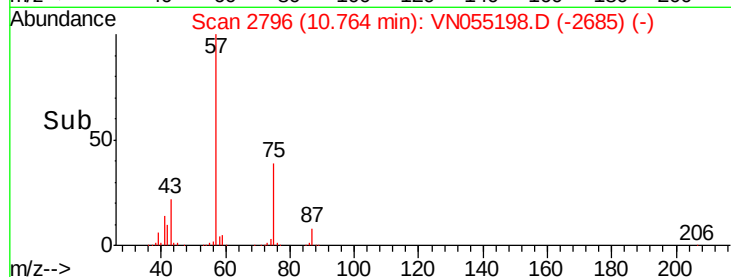
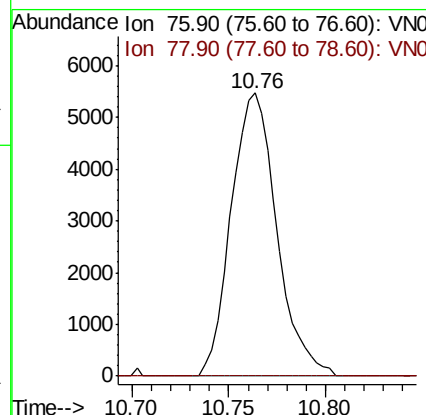
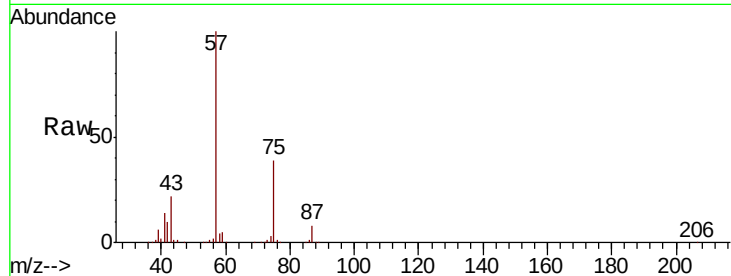




#57
 1,3-Dichloropropane
 Concen: 1.332 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

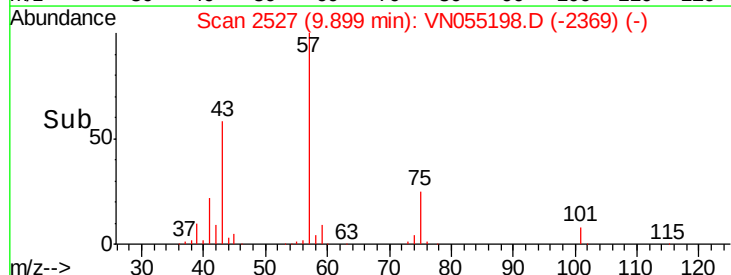
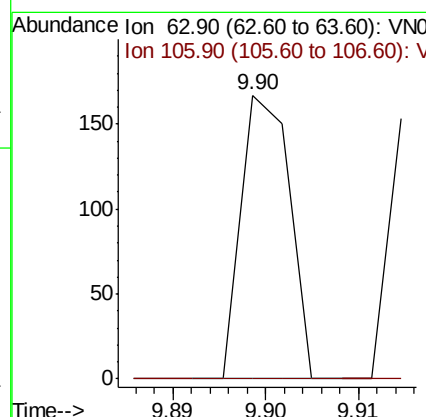
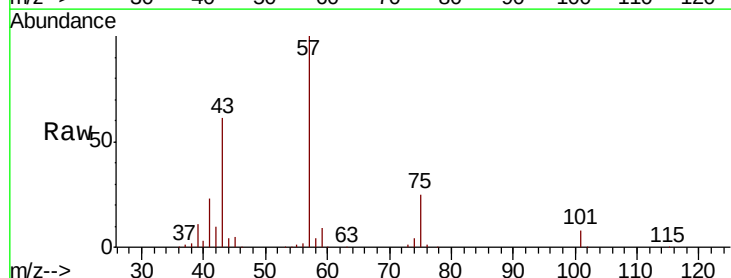
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

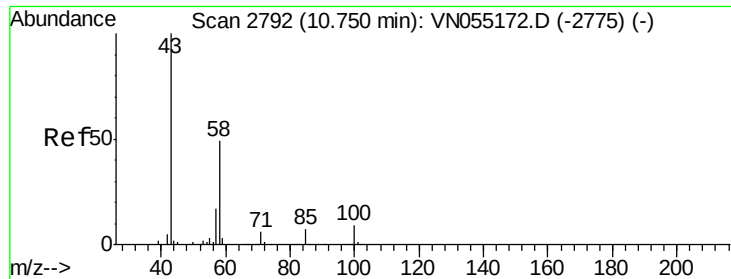
Tgt Ion: 76 Resp: 8974
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.3 37.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.313 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.21 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion: 63 Resp: 61
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.0#

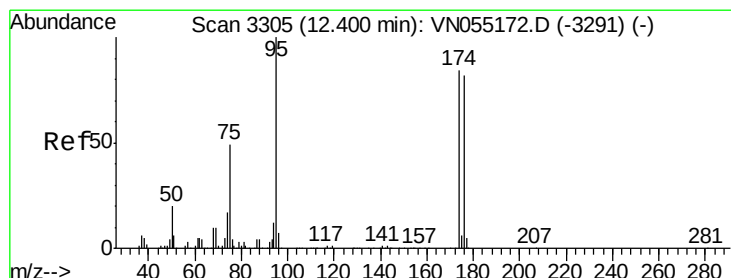
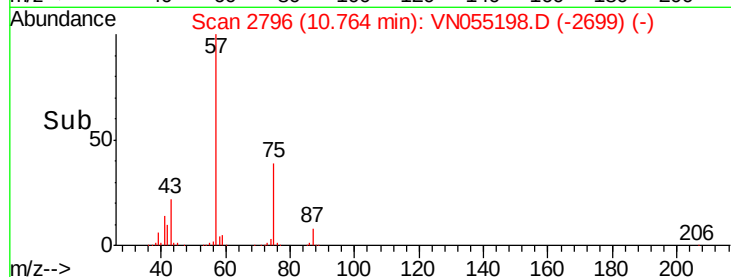
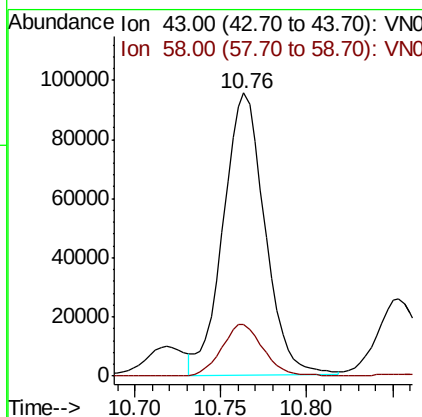
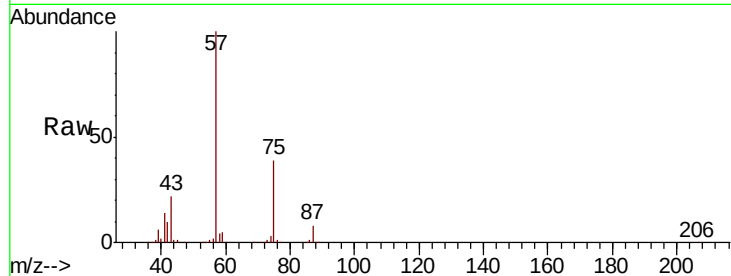




#59
2-Hexanone
Concen: 58.529 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

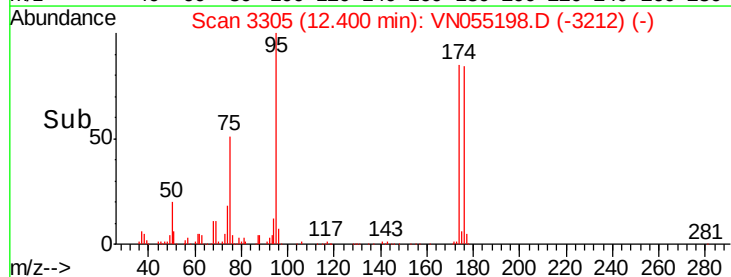
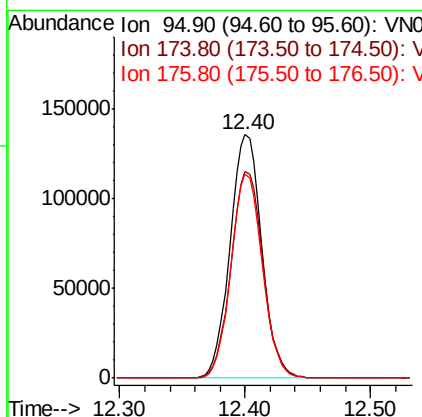
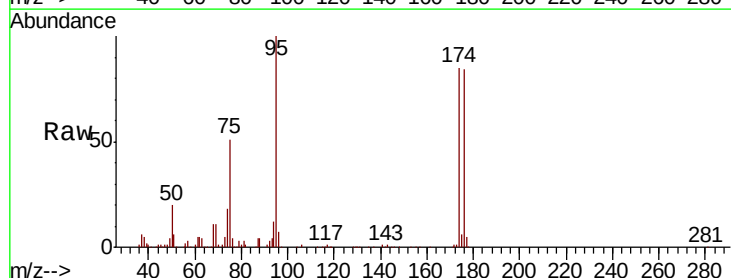
Instrument :
MSVOA_N
ClientSampled :
TP-4

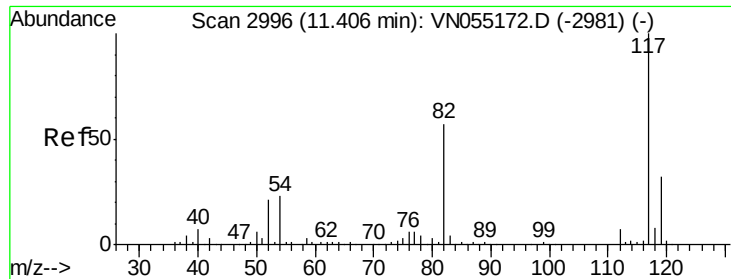
Tgt Ion: 43 Resp: 161420
Ion Ratio Lower Upper
43 100
58 18.6 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 95 Resp: 237824
Ion Ratio Lower Upper
95 100
174 85.8 0.0 168.4
176 83.1 0.0 164.0

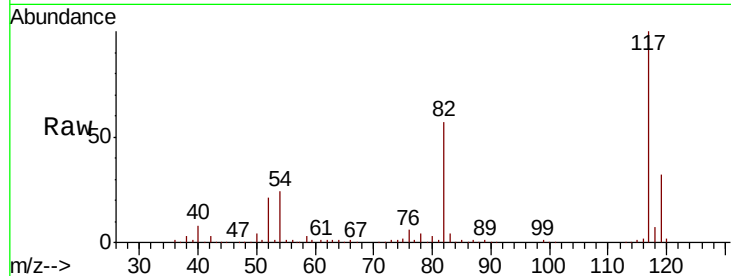




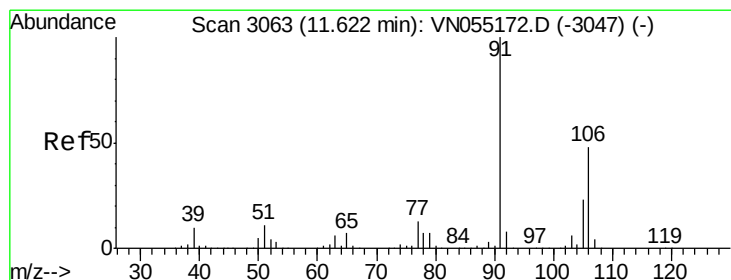
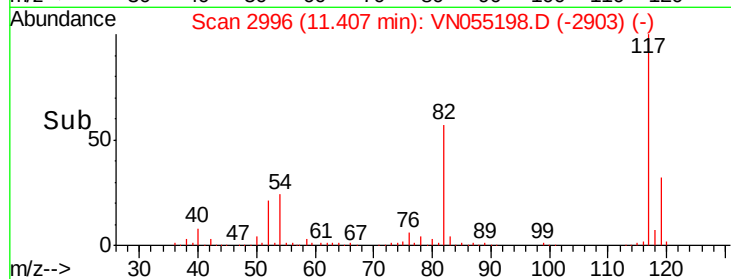
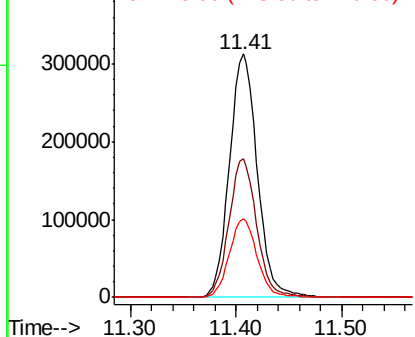
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Instrument :
MSVOA_N
ClientSampled :
TP-4

Tgt Ion:117 Resp: 571096
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.2 25.4 38.2

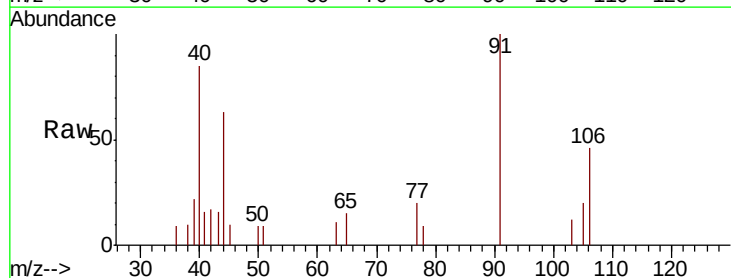


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

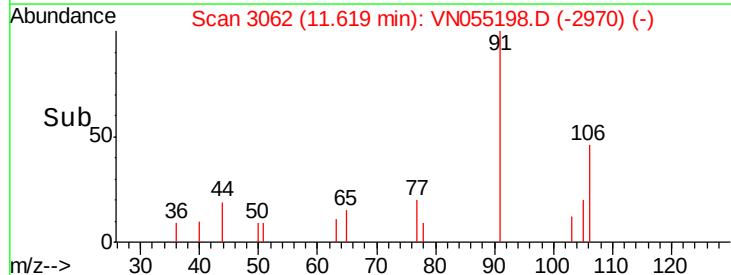
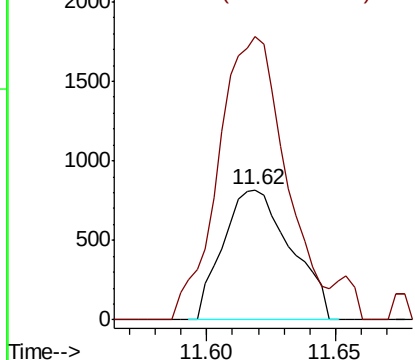


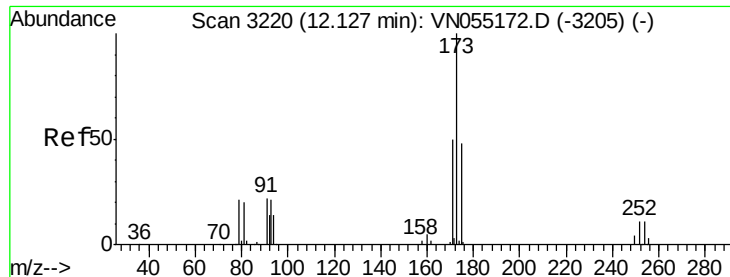
#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion:106 Resp: 1499
Ion Ratio Lower Upper
106 100
91 216.3 167.1 250.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

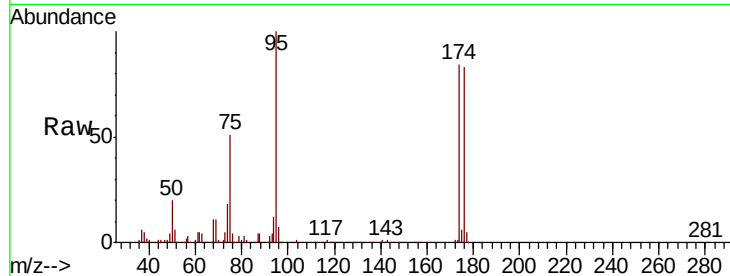




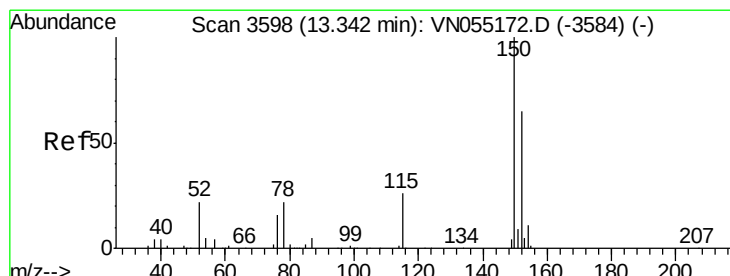
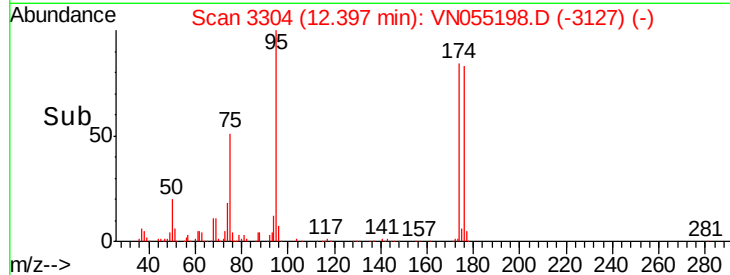
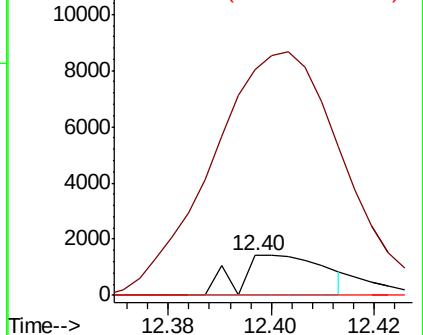
#71
Bromoform
Concen: 0.629 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:173 Resp: 1621
Ion Ratio Lower Upper
173 100
175 828.0 23.8 71.2#
254 0.0 0.1 0.1#

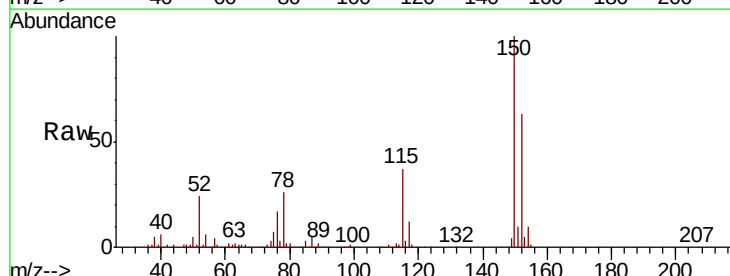


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

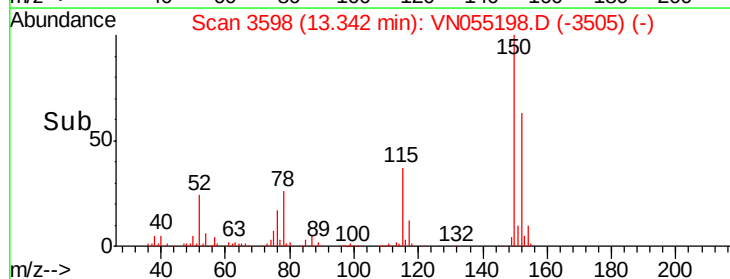
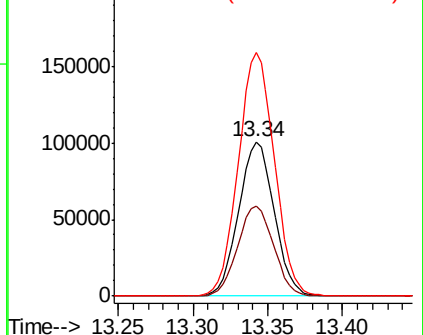


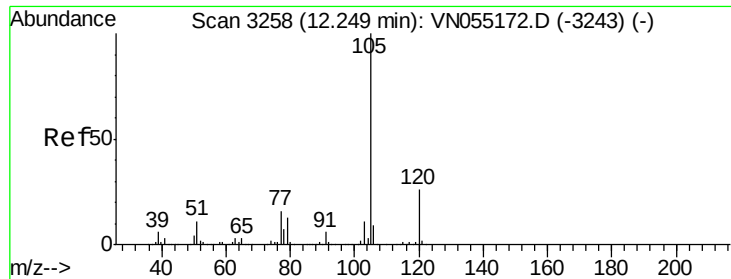
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion:152 Resp: 166400
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 160.4 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

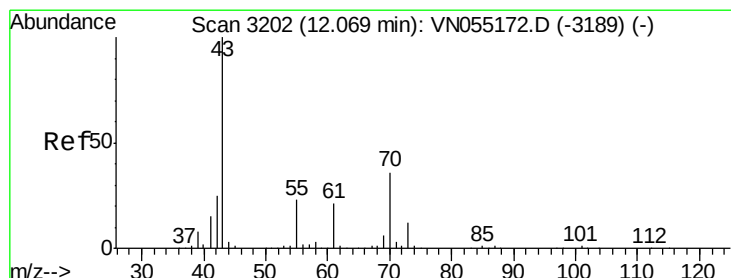
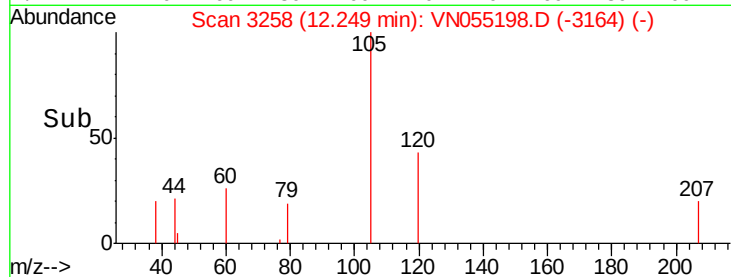
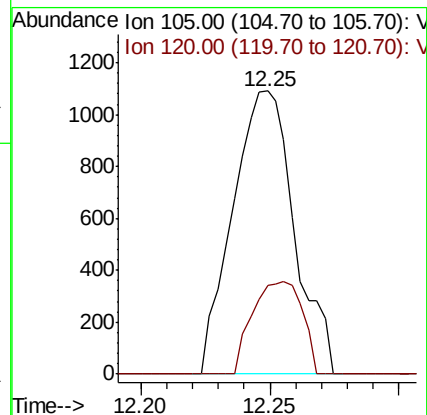
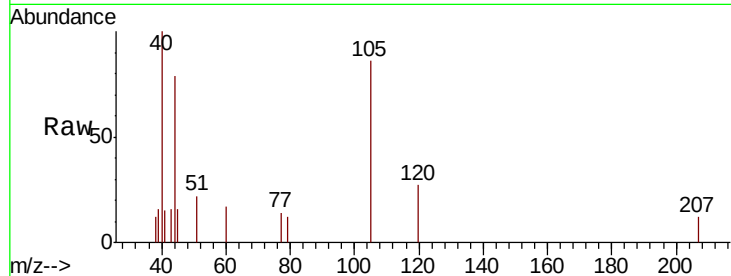
TP-4

Tgt Ion: 105 Resp: 1819

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 0.203 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Tgt Ion: 43 Resp: 869

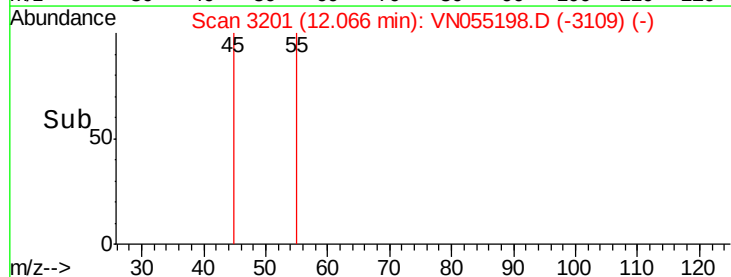
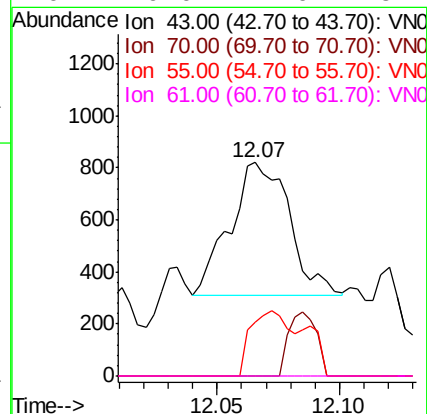
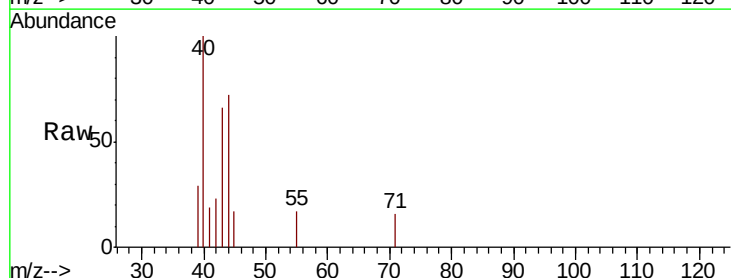
Ion Ratio Lower Upper

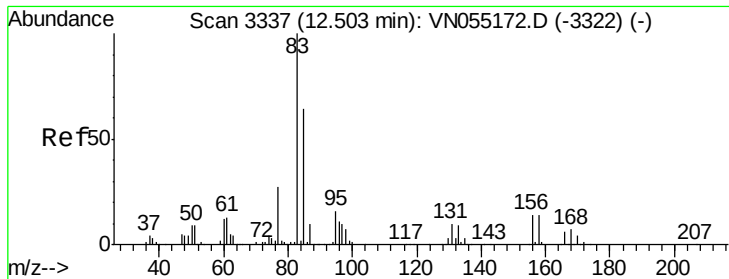
43 100

70 22.3 29.0 43.6#

55 32.0 18.5 27.7#

61 0.0 17.0 25.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

TP-4

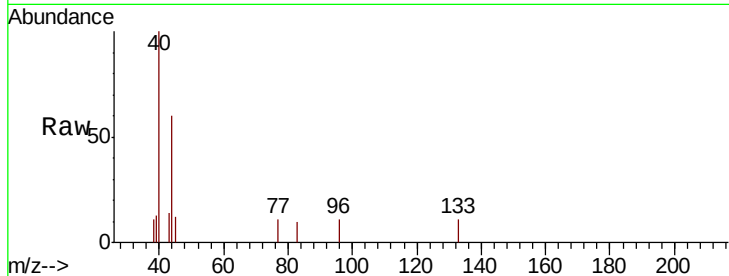
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

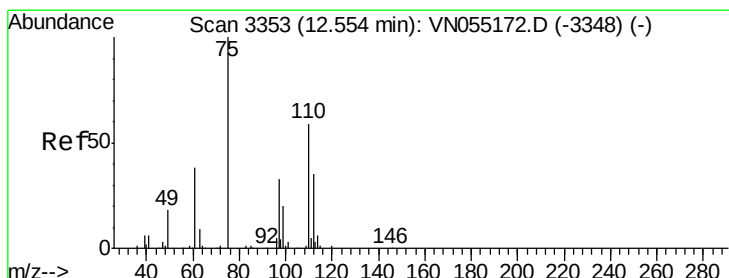
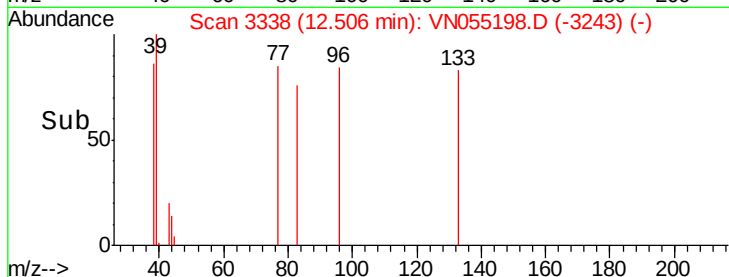
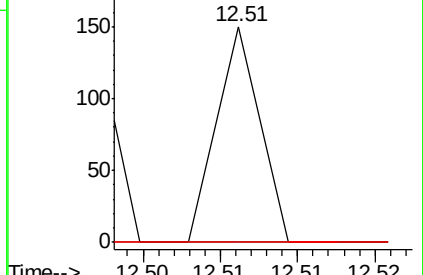
85 0.0 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.362 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055198.D

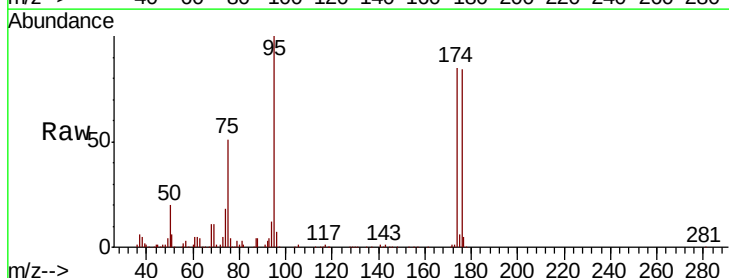
Acq: 23 Apr 2019 11:49

Tgt Ion: 75 Resp: 119376

Ion Ratio Lower Upper

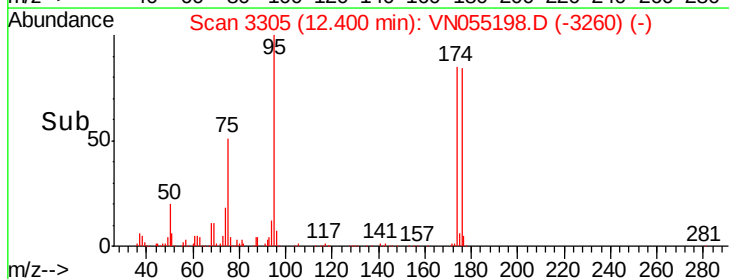
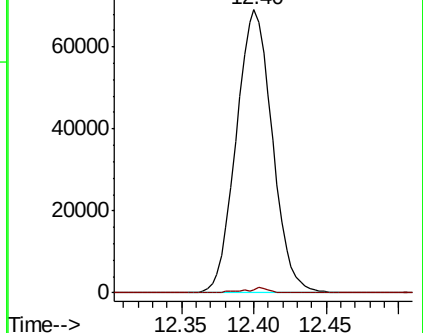
75 100

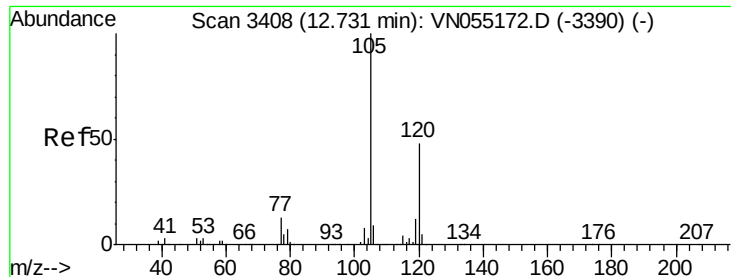
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

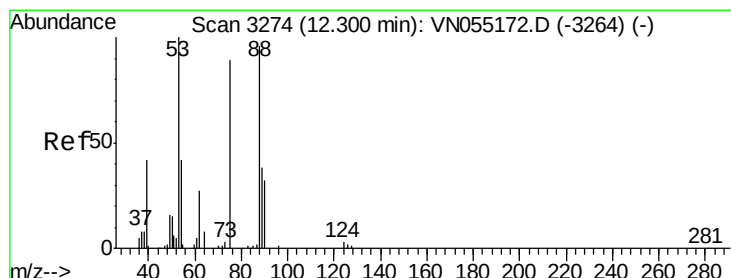
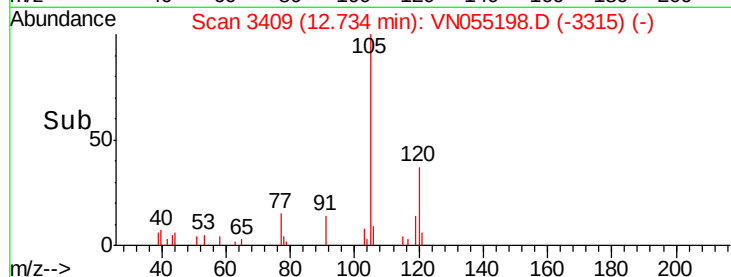
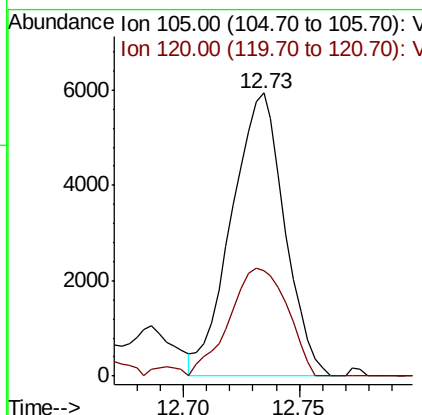
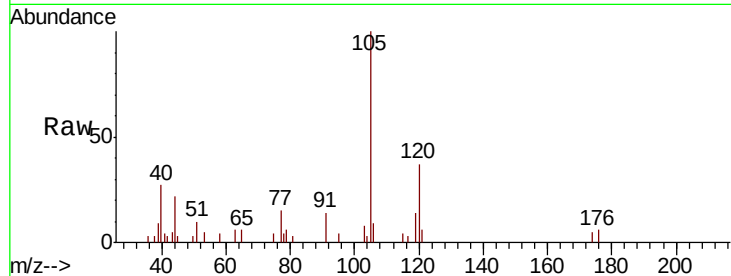




#80
 1,3,5-Trimethylbenzene
 Concen: 0.758 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

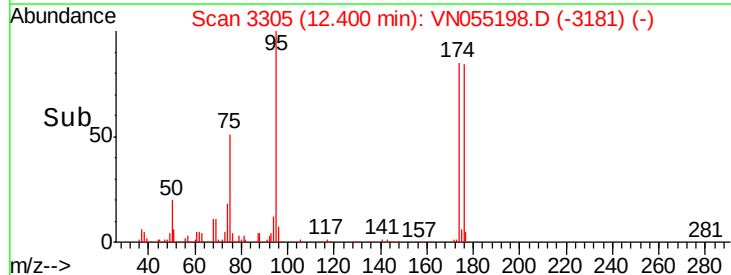
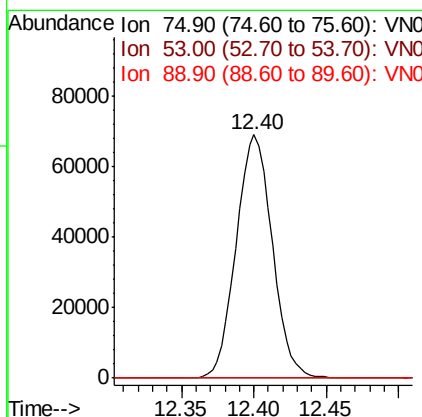
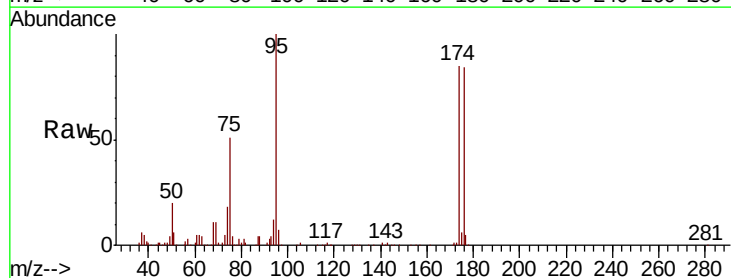
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

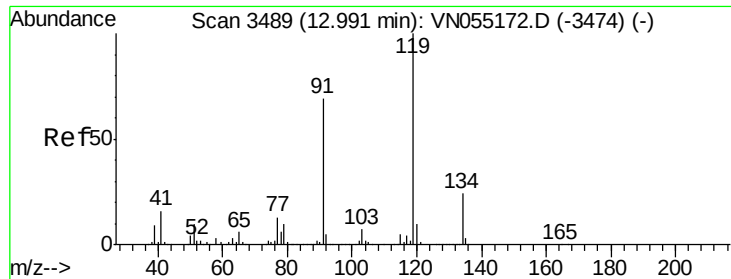
Tgt Ion: 105 Resp: 9443
 Ion Ratio Lower Upper
 105 100
 120 41.6 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.052 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion: 75 Resp: 119376
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.1 135.1#
 89 0.0 36.7 55.1#

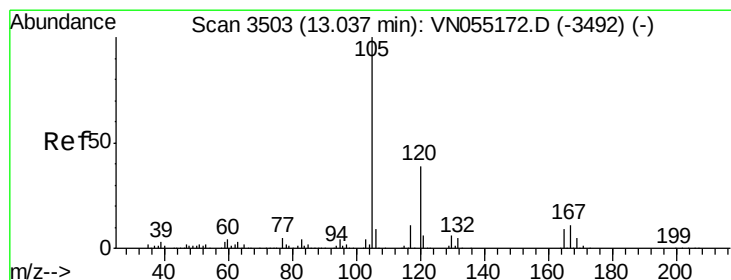
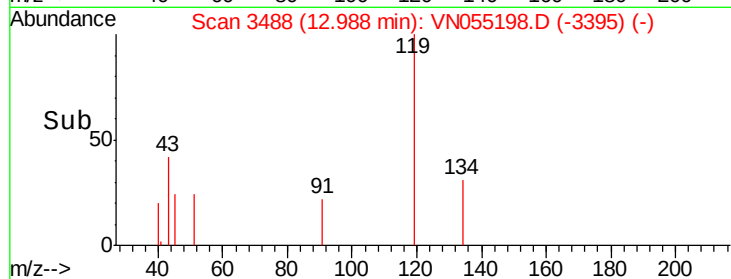
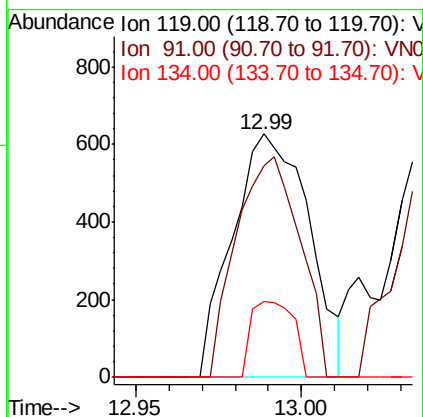
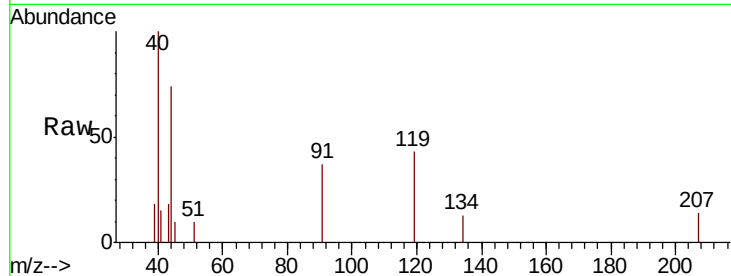




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

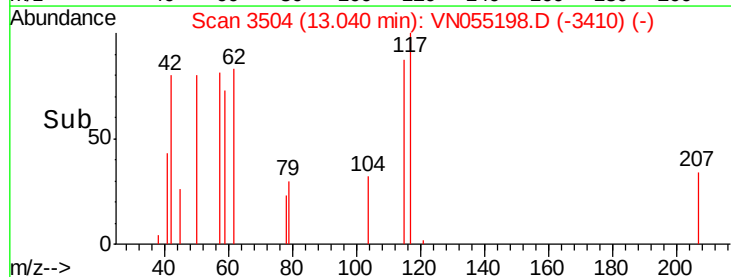
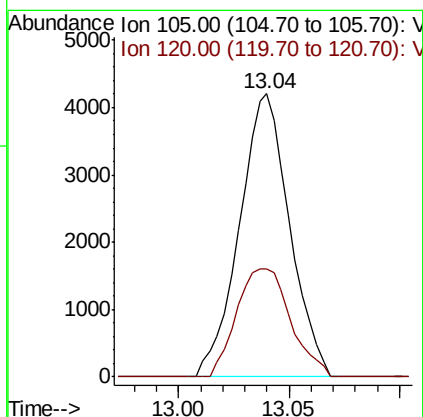
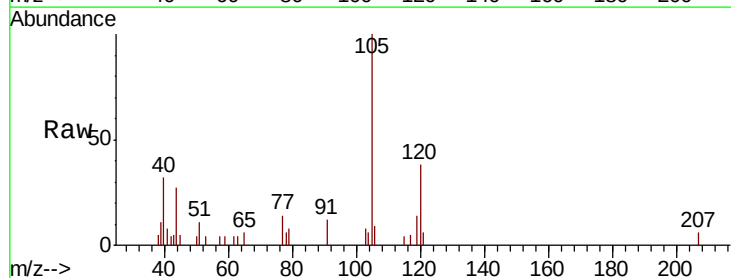
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

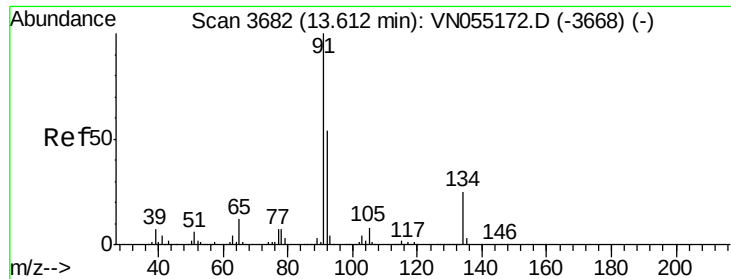
Tgt Ion:119 Resp: 1012
 Ion Ratio Lower Upper
 119 100
 91 75.2 33.8 101.3
 134 17.1 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.565 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion:105 Resp: 6639
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.7 68.1

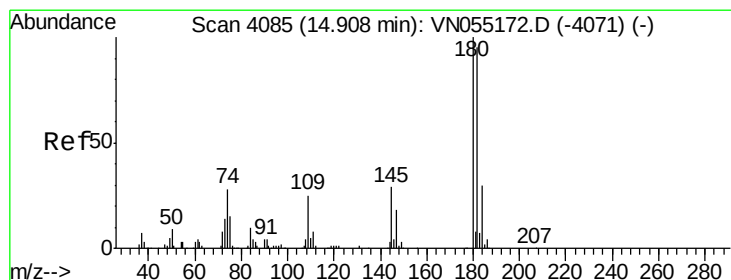
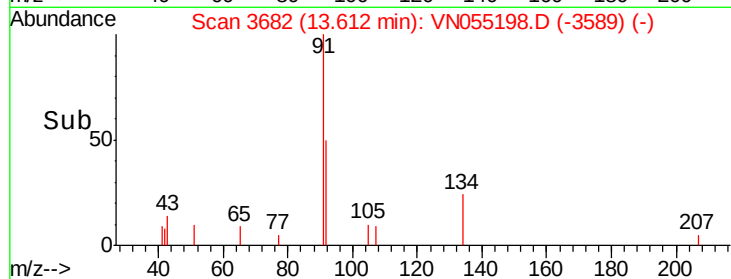
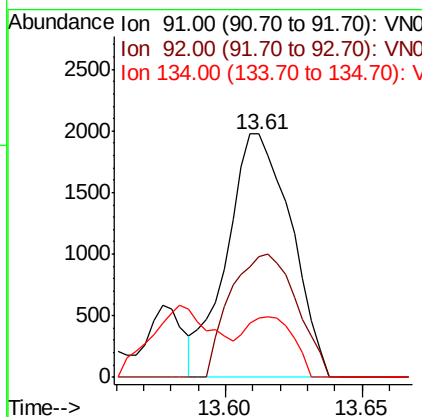
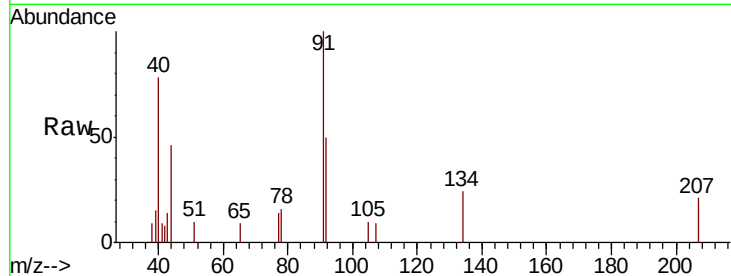




#89
n-Butylbenzene
Concen: 0.375 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

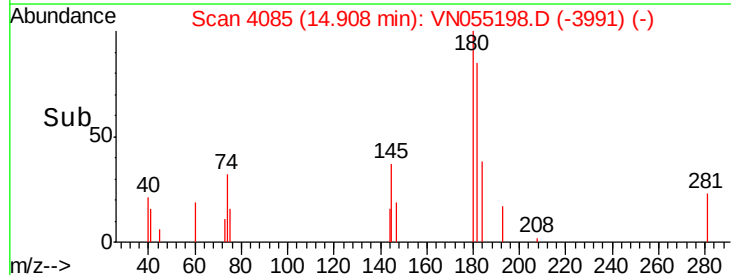
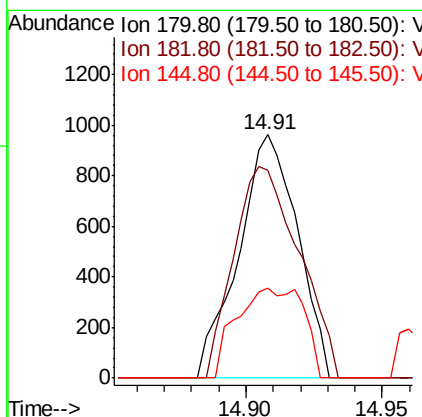
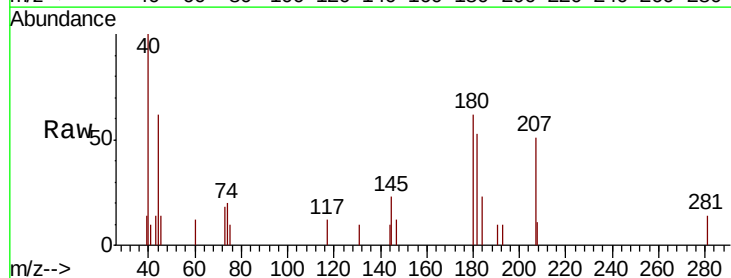
Instrument :
MSVOA_N
ClientSampled :
TP-4

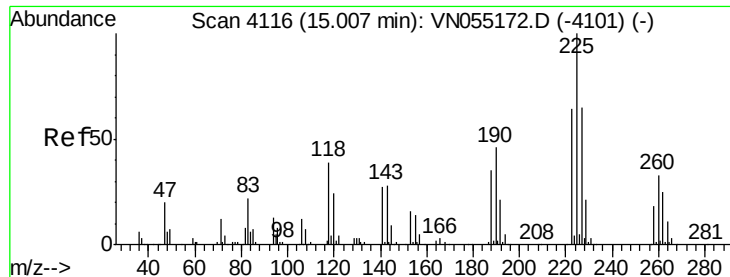
Tgt Ion: 91 Resp: 3228
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 19.0 12.8 38.4



#93
1,2,4-Trichlorobenzene
Concen: 3.295 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 180 Resp: 1442
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.4
145 42.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

TP-4

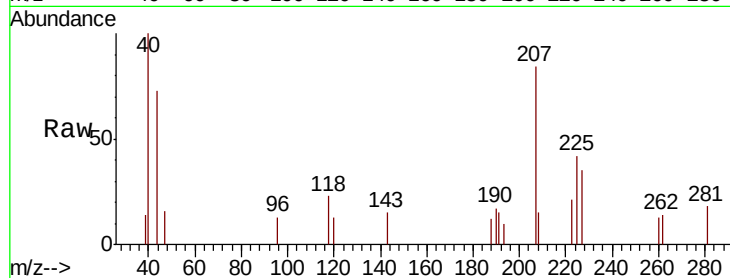
Tgt Ion:225 Resp: 839

Ion Ratio Lower Upper

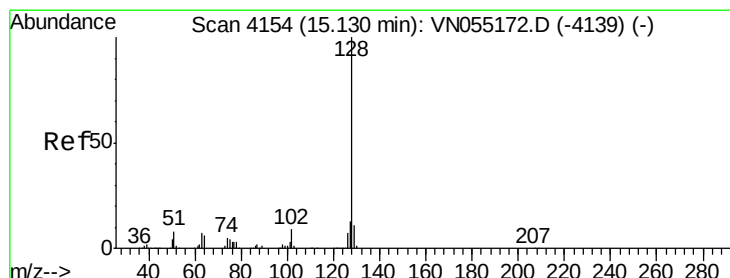
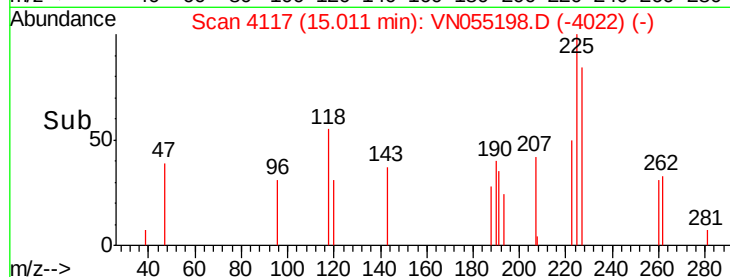
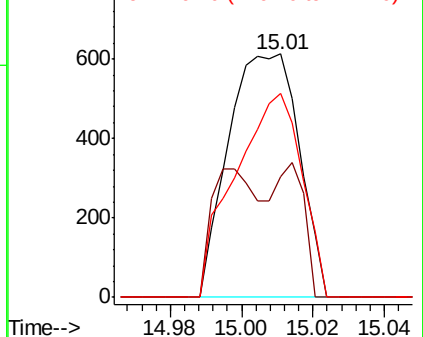
225 100

223 20.9 32.2 96.6#

227 79.1 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.110 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

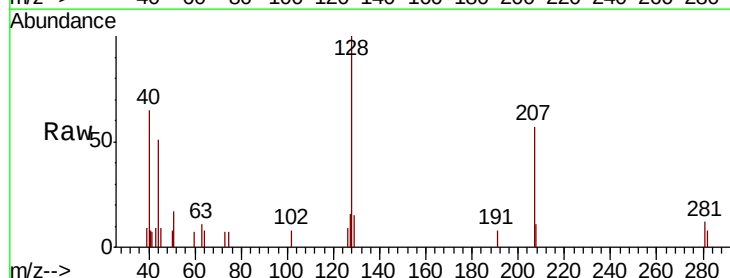
Tgt Ion:128 Resp: 4130

Ion Ratio Lower Upper

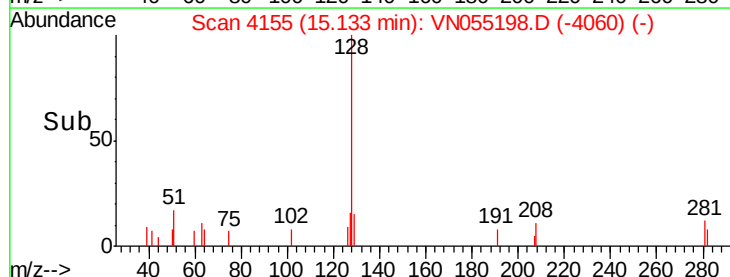
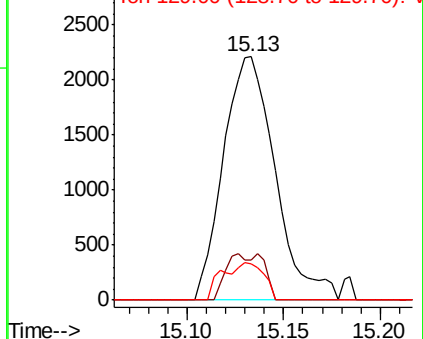
128 100

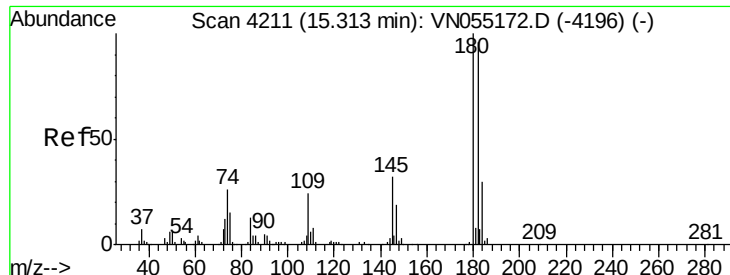
127 13.7 10.3 15.5

129 12.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.761 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.2	141.6
145	63.9	15.4	46.1

