

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054712.D
 Acq On : 27 Mar 2019 10:53
 Operator : JC/SP
 Sample : K2093-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 28 04:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	667976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1077777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	922613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	357917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	400361	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	314667	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
50) Toluene-d8	10.09	98	1307899	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	415219	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	2220	4.413	ug/l #	70
13) Acrolein	3.62	56	3878	5.587	ug/l	84
16) Acetone	3.81	43	1665839	666.877	ug/l #	83
17) Carbon Disulfide	4.03	76	13050	0.756	ug/l #	94
18) Methyl Acetate	4.33	43	11579	2.080	ug/l	99
25) 2-Butanone	6.84	43	109024	34.071	ug/l #	87
27) cis-1,2-Dichloroethene	6.82	96	7648	0.975	ug/l	82
29) Tetrahydrofuran	7.22	42	4158	2.002	ug/l #	89
30) Chloroform	7.37	83	3367	0.268	ug/l	86
31) Cyclohexane	7.66	56	14667	Below Cal	#	6
36) 1,1-Dichloropropene	7.83	75	4697	0.466	ug/l #	40
37) Ethyl Acetate	6.93	43	83575	11.661	ug/l	96
38) Carbon Tetrachloride	7.66	117	62579	6.390	ug/l #	16
40) Benzene	8.03	78	6939	0.241	ug/l	95
43) Isopropyl Acetate	8.27	43	7885	0.651	ug/l #	60
48) Methyl methacrylate	9.17	41	13525	2.059	ug/l #	31
49) 1,4-Dioxane	9.20	88	31	0.422	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	288697	43.035	ug/l	88
52) Toluene	10.16	92	227765	12.851	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	160	2.247	ug/l #	80
56) Ethyl methacrylate	10.35	69	16622	1.944	ug/l #	43
59) 2-Hexanone	10.75	43	24591	5.612	ug/l	85
68) m/p-Xylenes	11.62	106	5253	0.418	ug/l	85
69) o-Xylene	11.95	106	3470	0.283	ug/l	84
71) Bromoform	12.39	173	636	2.351	ug/l #	28
74) N-amyl acetate	12.03	43	99727	12.025	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	214770	37.814	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	214770	125.262	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	12055	0.520	ug/l	90
89) n-Butylbenzene	13.61	91	5020	0.280	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	3255	0.569	ug/l	98
94) Hexachlorobutadiene	15.01	225	814	Below Cal		69
95) Naphthalene	15.13	128	28302	2.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3789	0.665	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

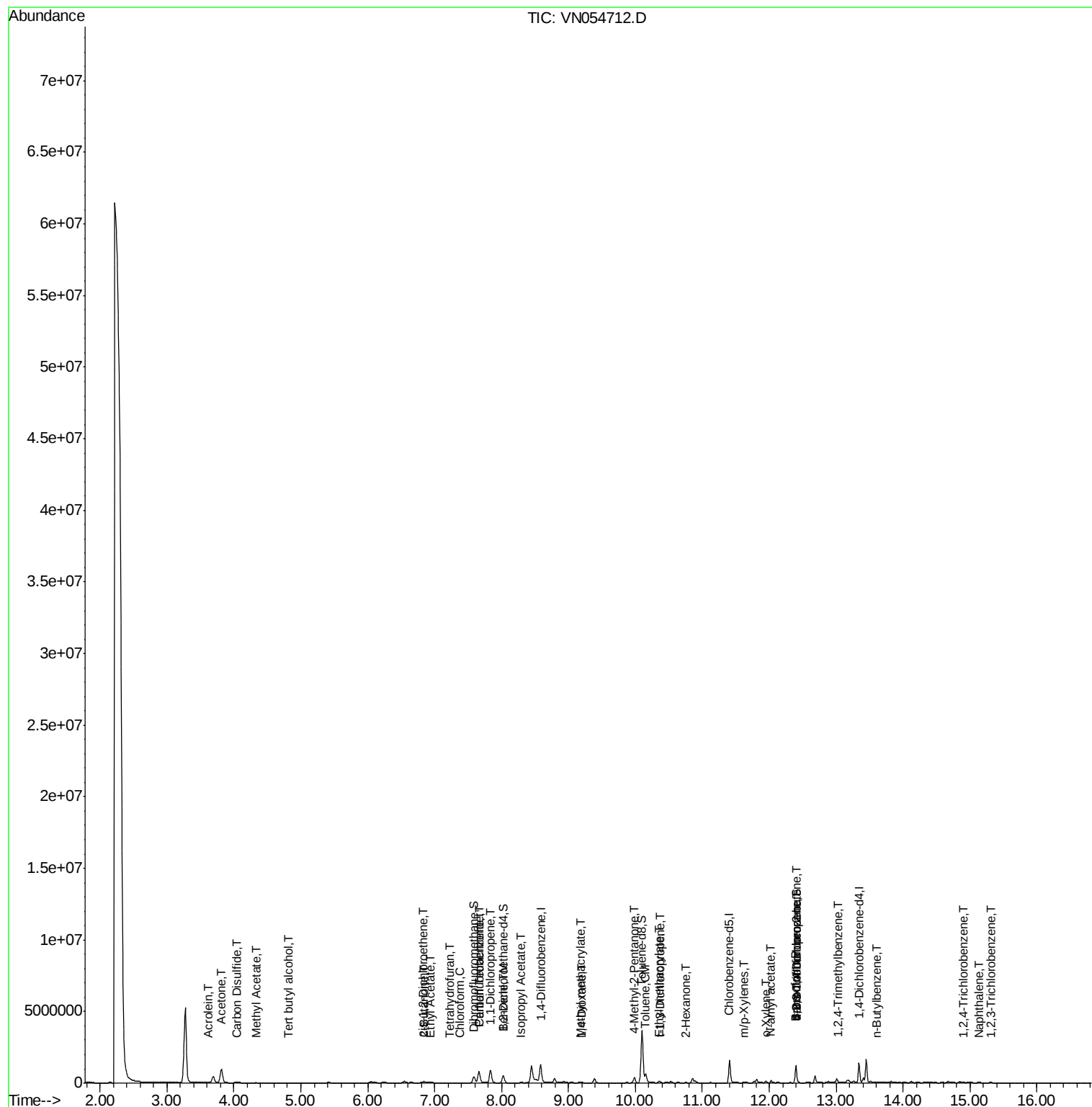
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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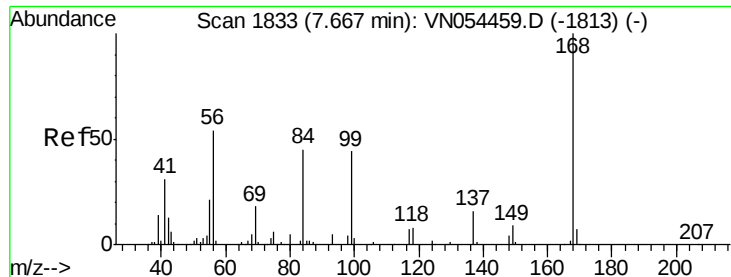
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

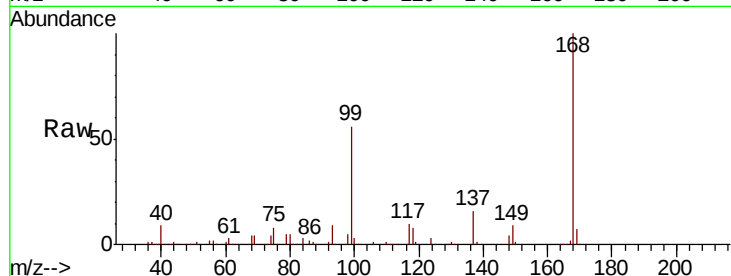
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 667976

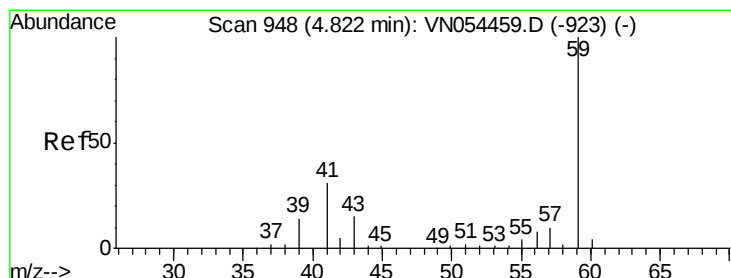
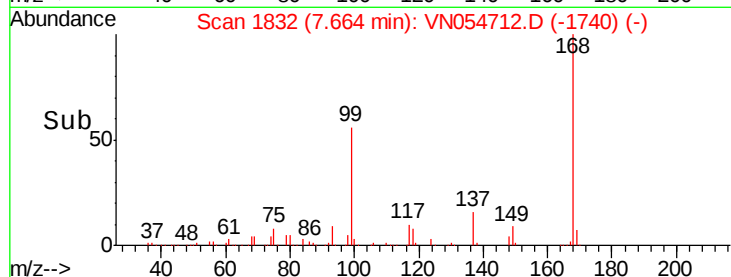
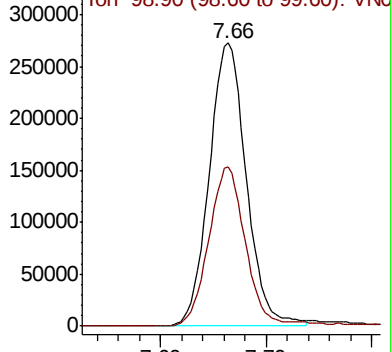
Ion Ratio Lower Upper

168 100

99 56.2 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054712.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 4.413 ug/l

RT: 4.81 min Scan# 944

Delta R.T. -0.01 min

Lab File: VN054712.D

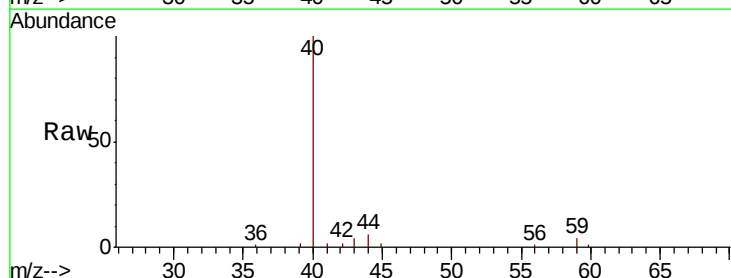
Acq: 27 Mar 2019 10:53

Tgt Ion: 59 Resp: 2220

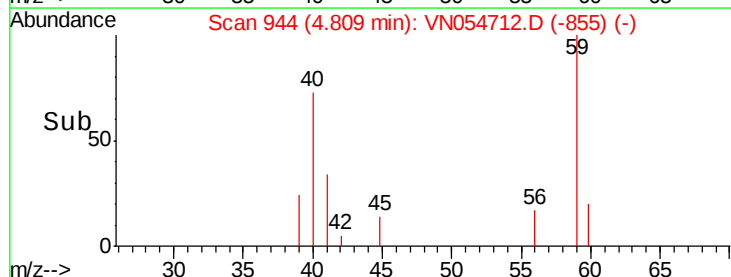
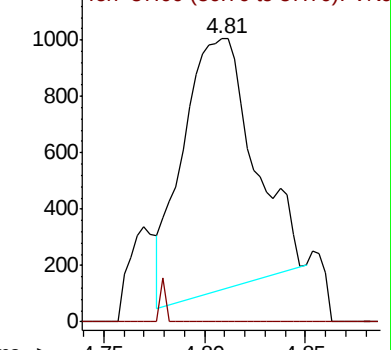
Ion Ratio Lower Upper

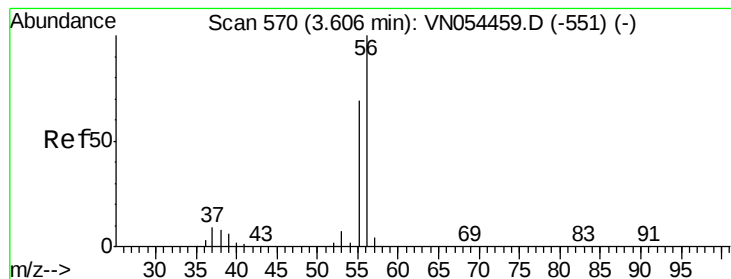
59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN054712.D (-855) (-)





#13

Acrolein

Concen: 5.587 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

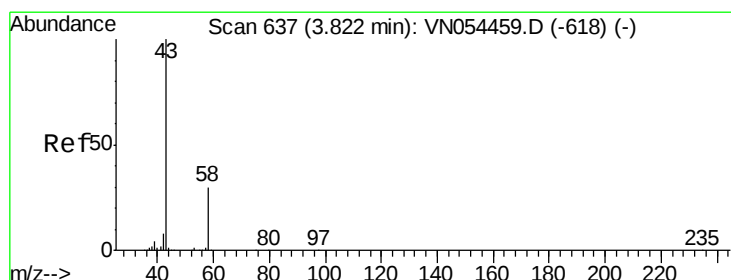
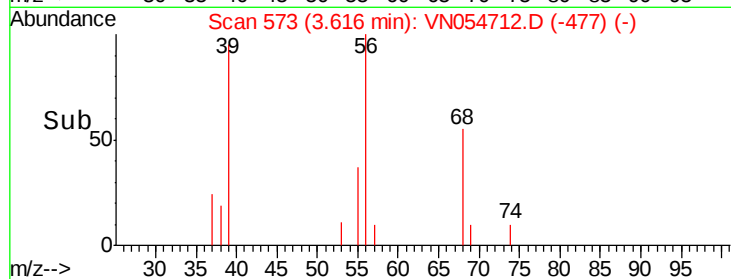
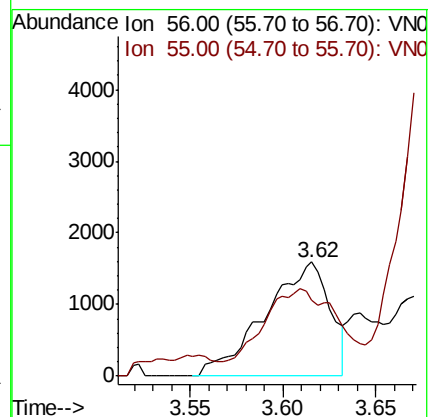
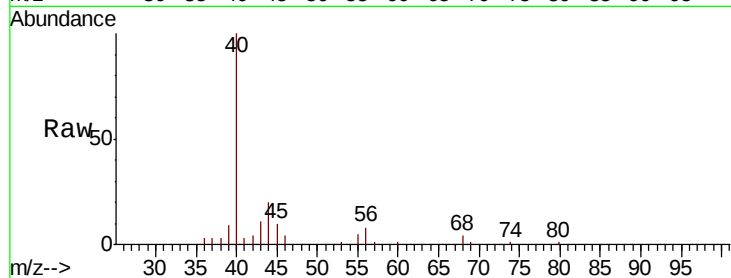
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 3878

Ion Ratio Lower Upper

56 100

55 84.0 56.7 85.1



#16

Acetone

Concen: 666.877 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN054712.D

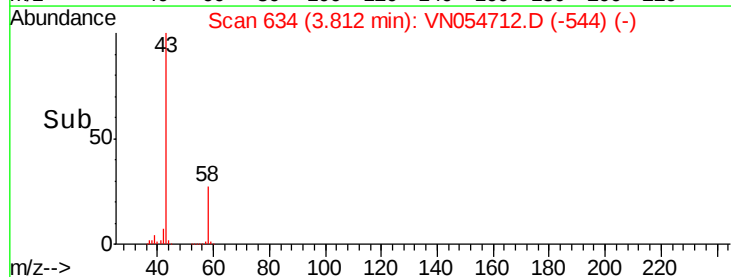
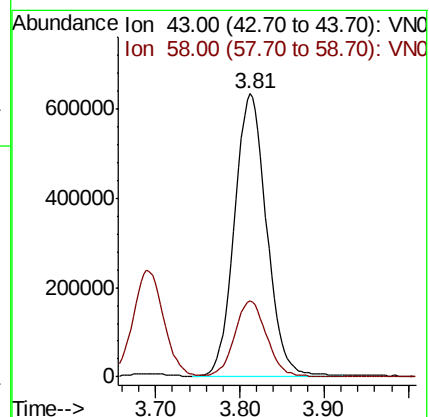
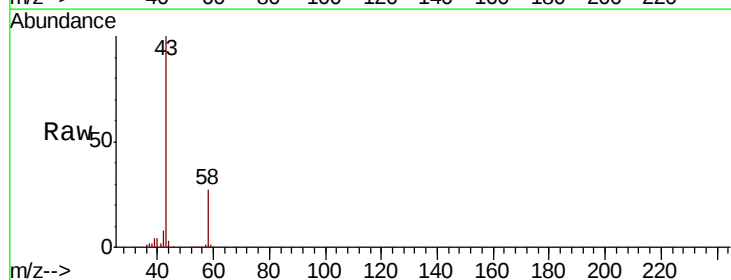
Acq: 27 Mar 2019 10:53

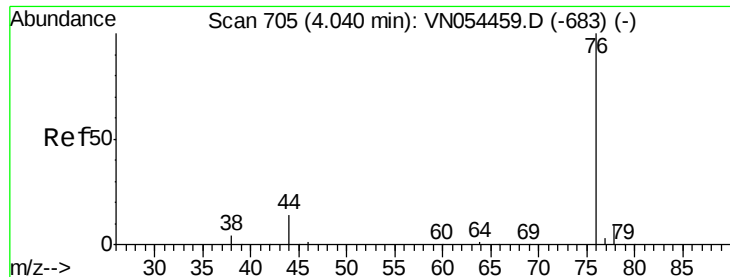
Tgt Ion: 43 Resp: 1665839

Ion Ratio Lower Upper

43 100

58 26.9 29.9 44.9#





#17

Carbon Disulfide

Concen: 0.756 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

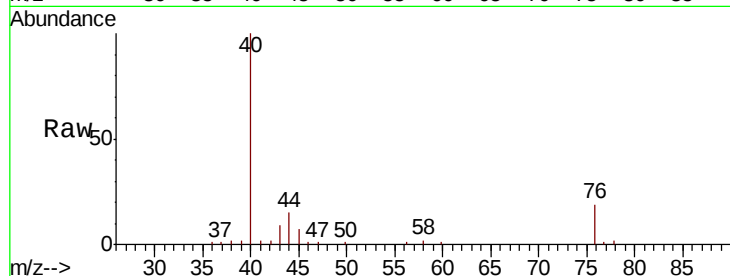
ClientSampled :

Tot Ion: 76 Resp: 13050

Ion Ratio Lower Upper

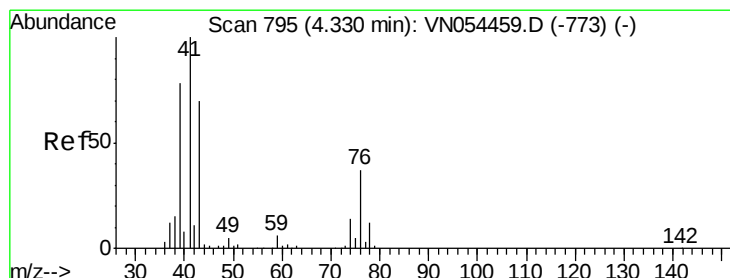
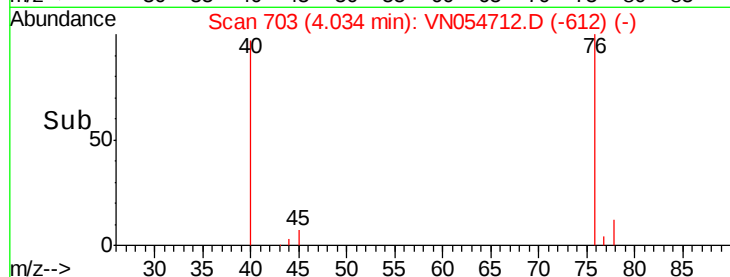
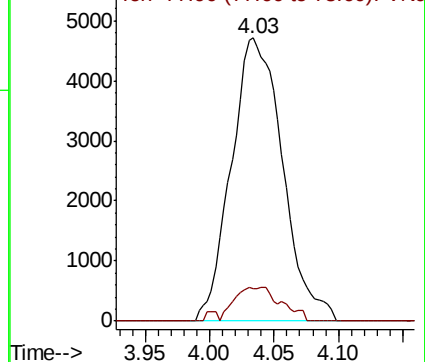
76 100

78 11.6 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 2.080 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN054712.D

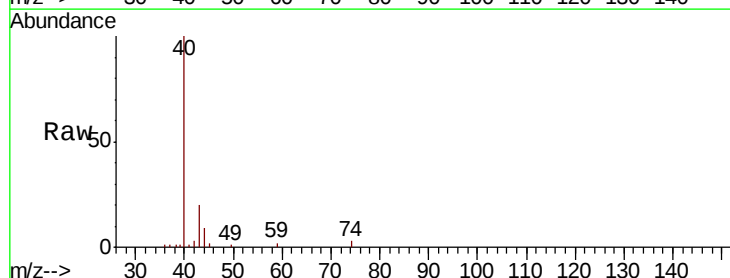
Acq: 27 Mar 2019 10:53

Tgt Ion: 43 Resp: 11579

Ion Ratio Lower Upper

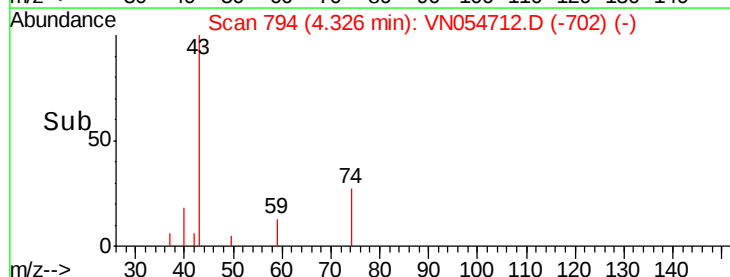
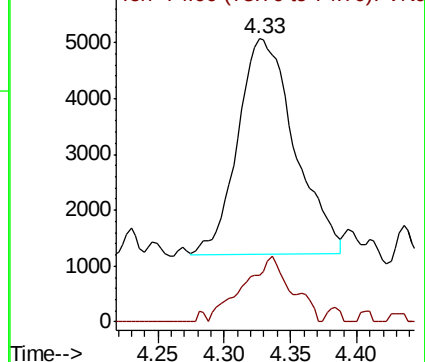
43 100

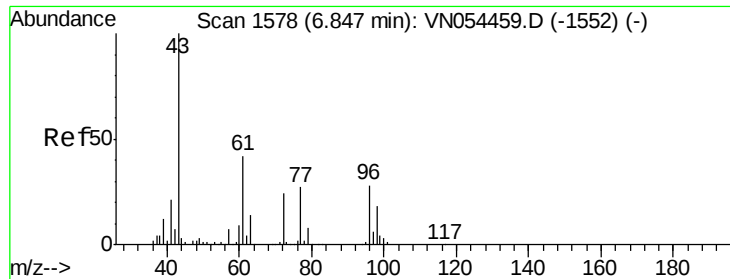
74 25.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 34.071 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

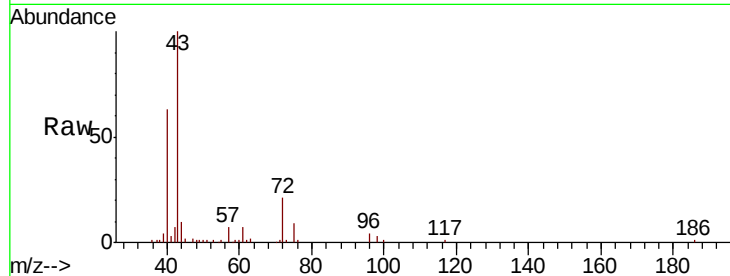
ClientSampled :

Tot Ion: 43 Resp: 109024

Ion Ratio Lower Upper

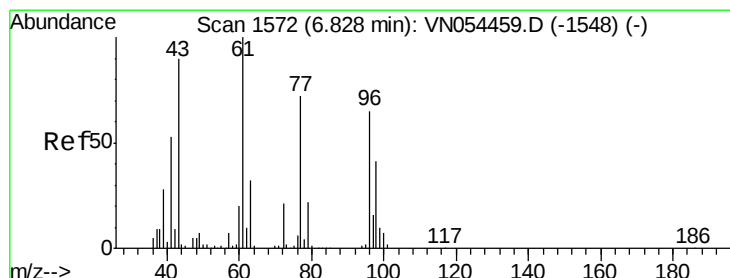
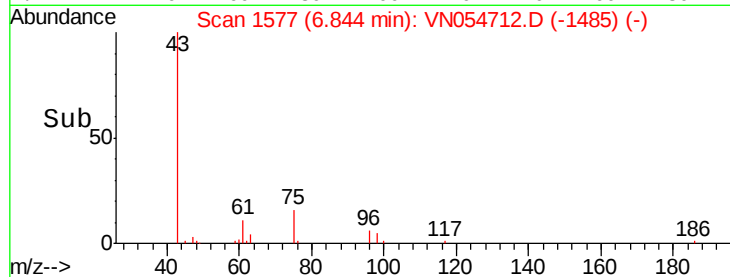
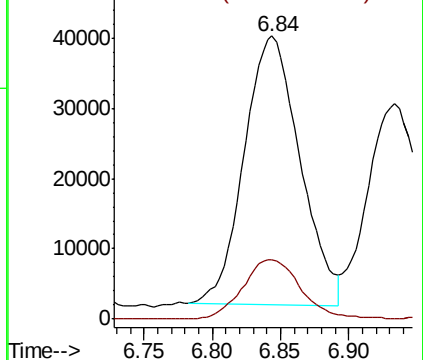
43 100

72 22.1 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.975 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

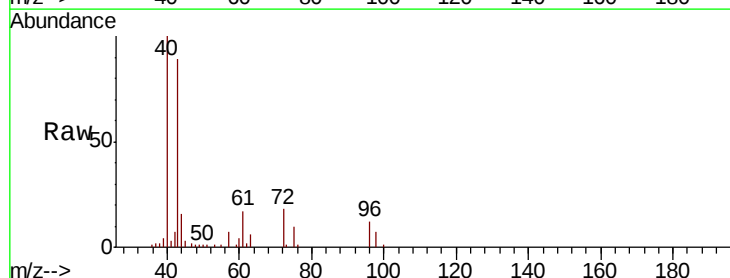
Tgt Ion: 96 Resp: 7648

Ion Ratio Lower Upper

96 100

61 165.7 0.0 273.0

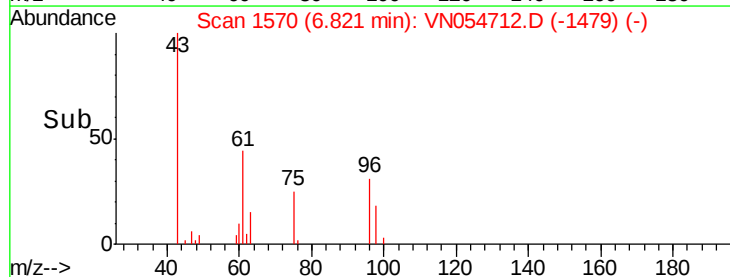
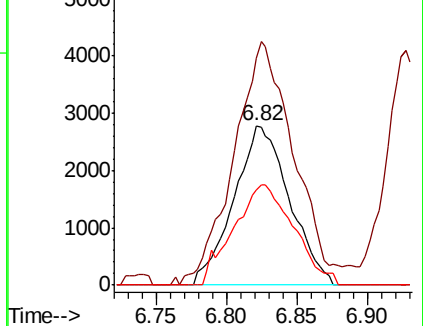
98 68.2 0.0 130.6

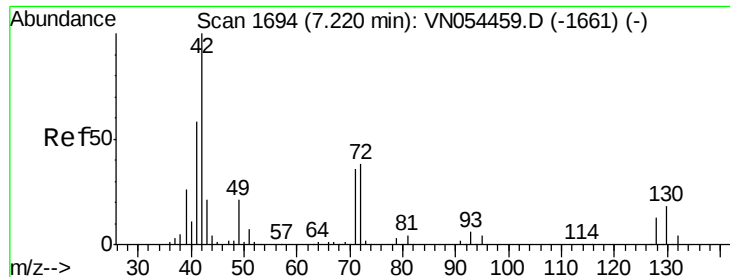


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

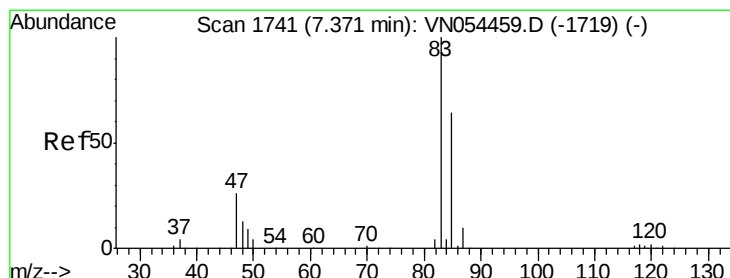
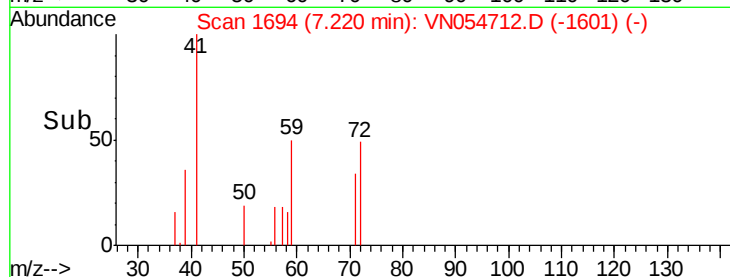
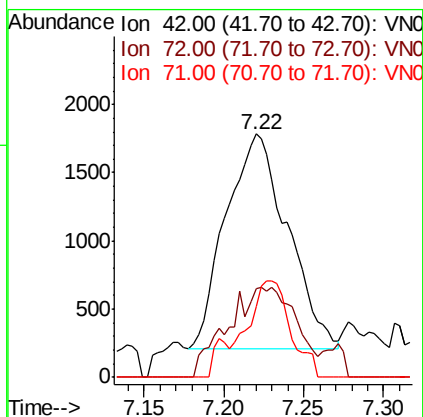
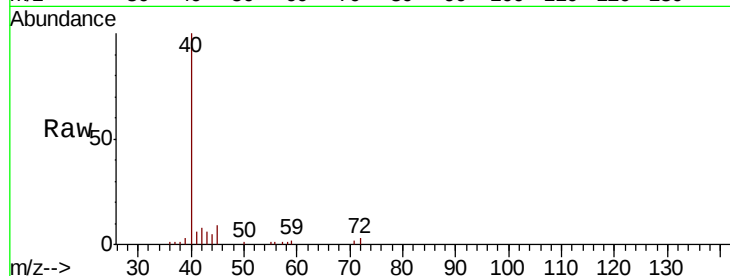




#29
Tetrahydrofuran
Concen: 2.002 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

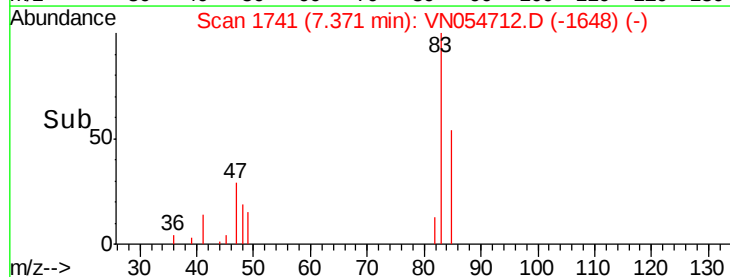
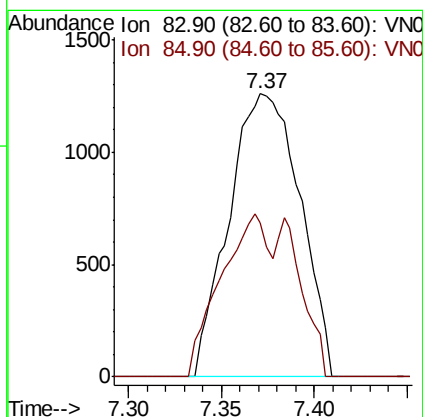
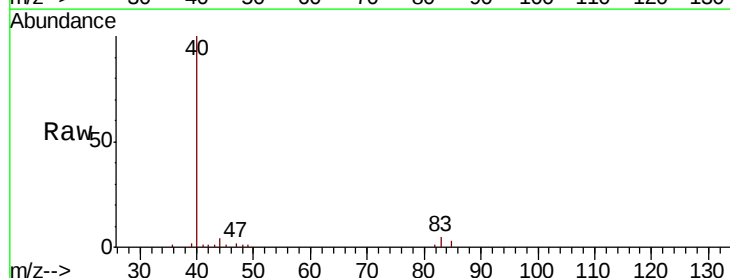
Instrument :
MSVOA_N
ClientSampled :

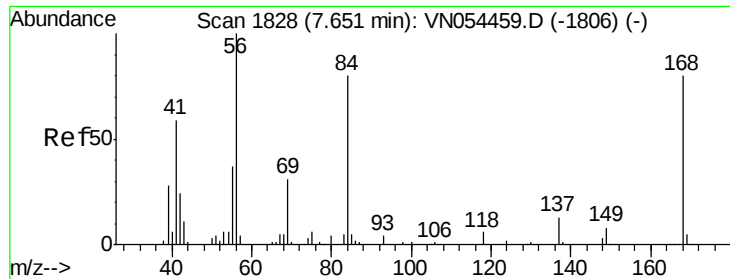
Tot Ion: 42 Resp: 4158
Ion Ratio Lower Upper
42 100
72 46.8 37.8 56.6
71 30.7 36.2 54.2#



#30
Chloroform
Concen: 0.268 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 83 Resp: 3367
Ion Ratio Lower Upper
83 100
85 54.4 52.2 78.4

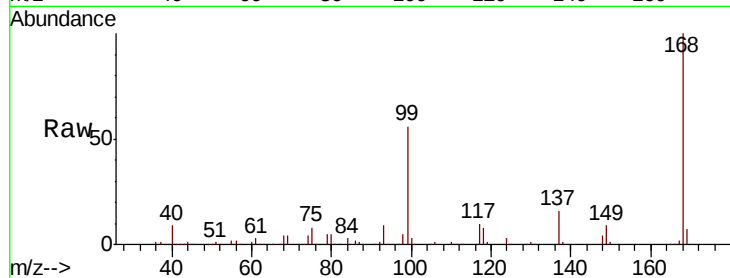




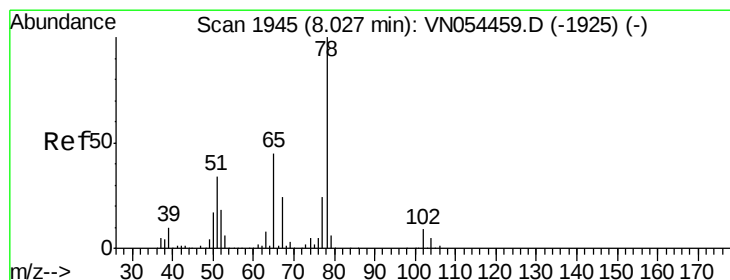
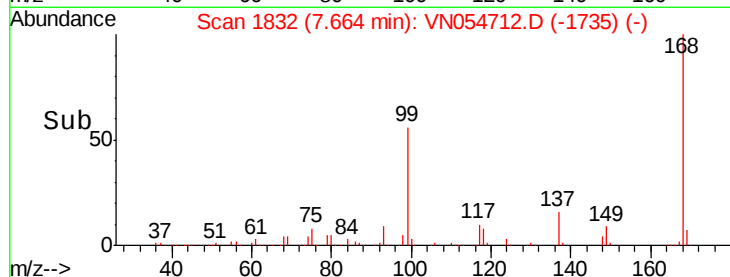
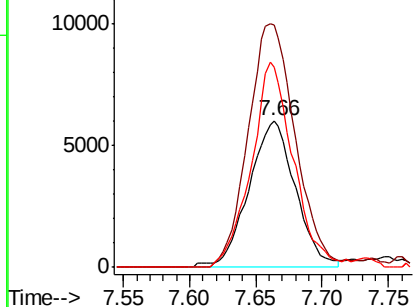
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 14667
Ion Ratio Lower Upper
56 100
69 165.3 27.8 41.6#
84 136.5 74.6 111.8#

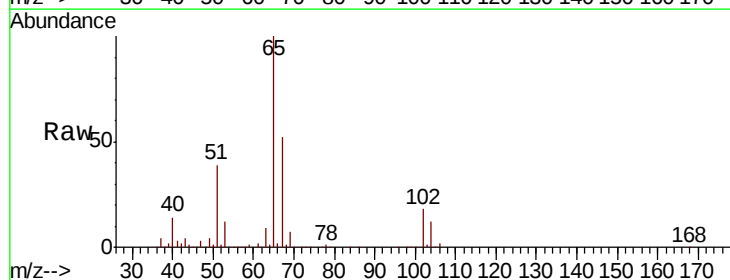


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

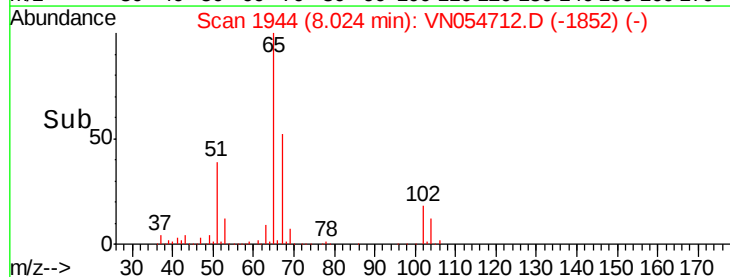
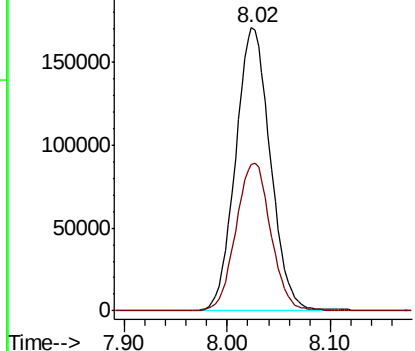


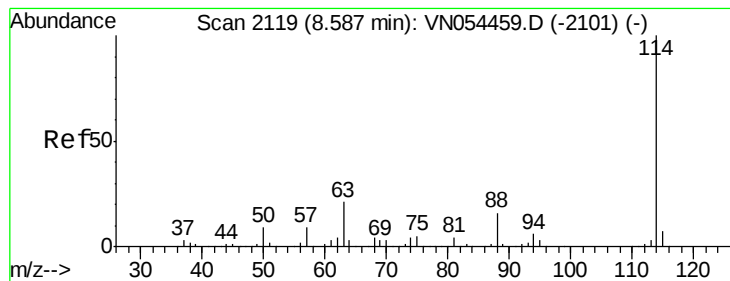
#33
1,2-Dichloroethane-d4
Concen: 48.187 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 65 Resp: 400361
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

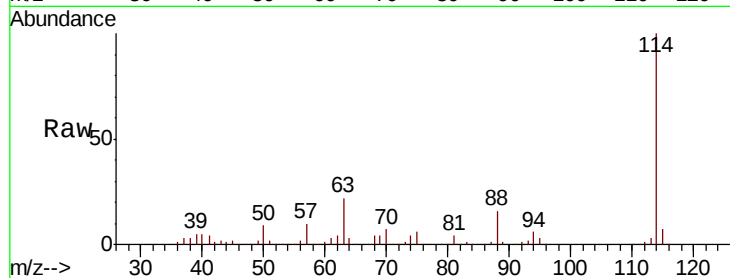
Tot Ion:114 Resp: 1077777

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.2

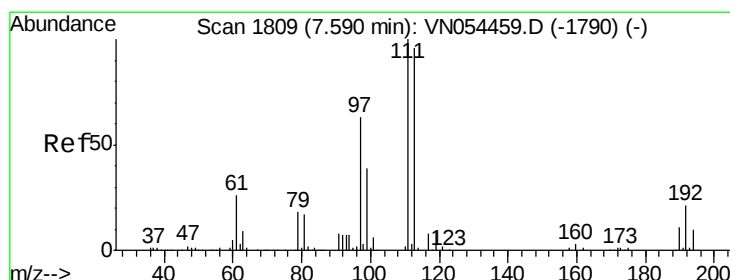
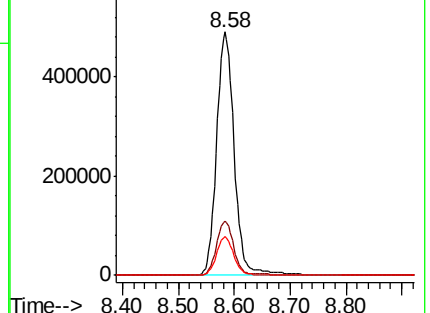
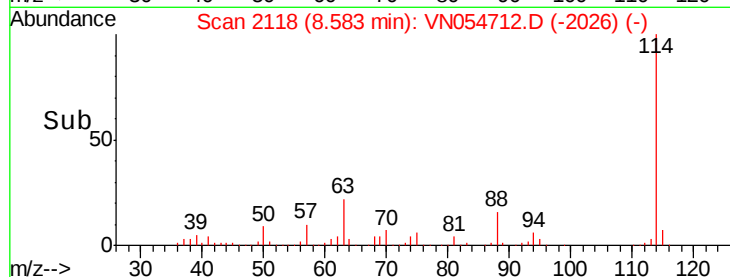
88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.318 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

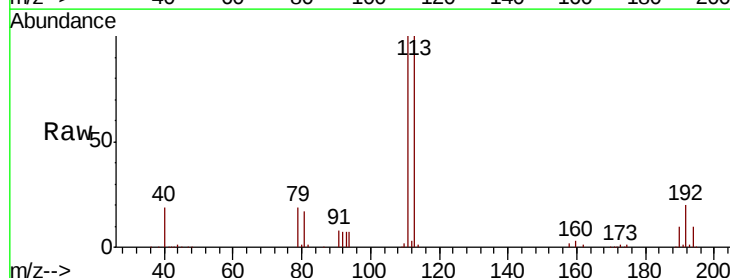
Tgt Ion:113 Resp: 314667

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

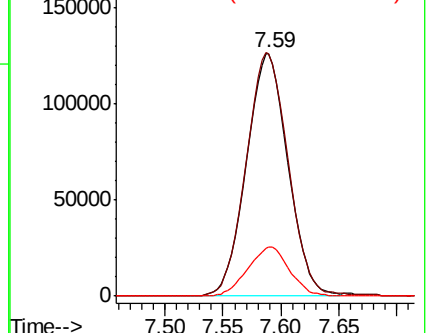
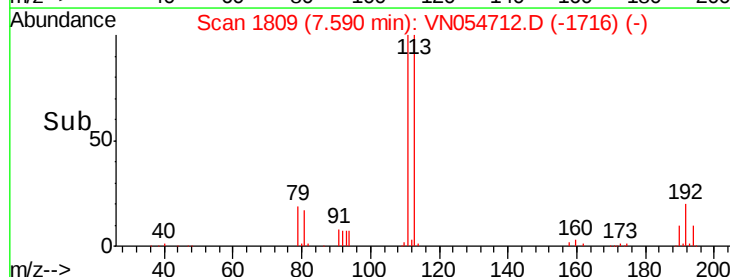
192 20.3 19.2 28.8

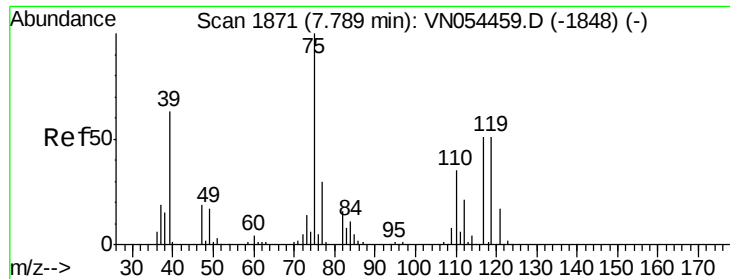


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.466 ug/l

RT: 7.83 min Scan# 1885

Delta R.T. 0.04 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

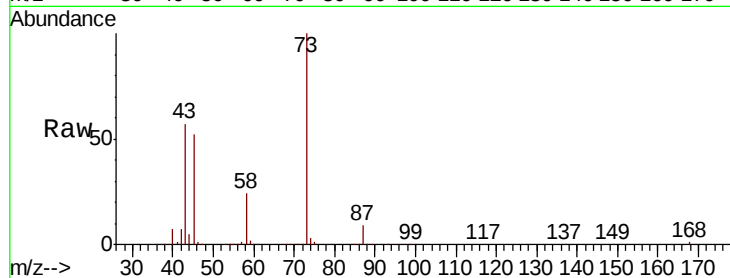
Tot Ion: 75 Resp: 4697

Ion Ratio Lower Upper

75 100

110 0.0 19.1 57.5#

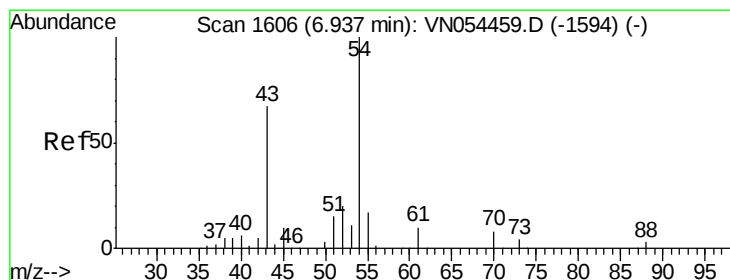
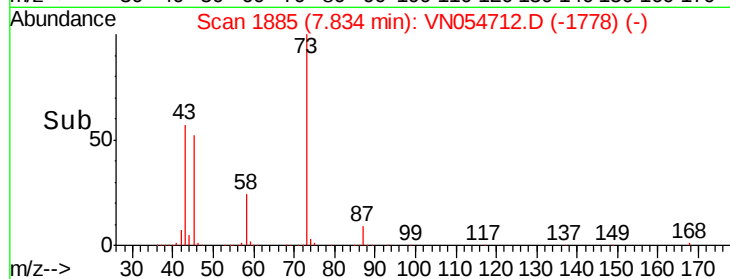
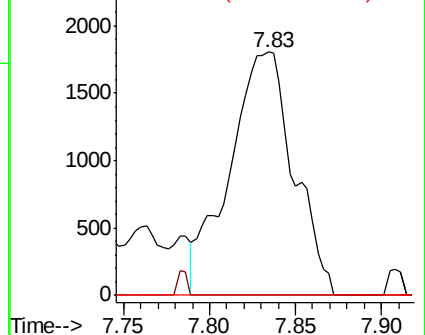
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN054459.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-1848) (-)



#37

Ethyl Acetate

Concen: 11.661 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

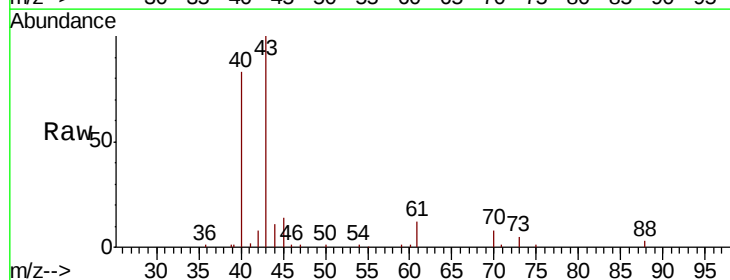
Tgt Ion: 43 Resp: 83575

Ion Ratio Lower Upper

43 100

61 13.5 11.8 17.6

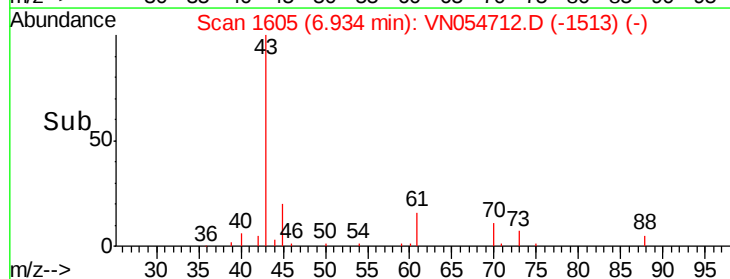
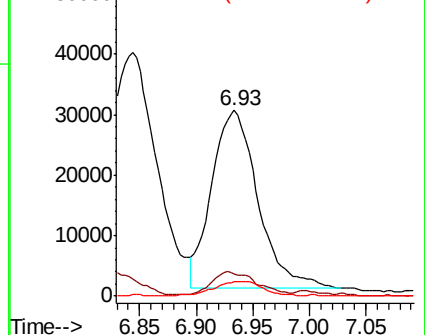
70 8.7 8.4 12.6

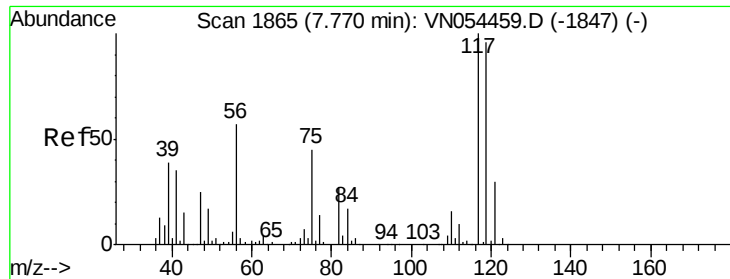


Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1594) (-)

Ion 60.90 (60.60 to 61.60): VN054459.D (-1594) (-)

Ion 70.00 (69.70 to 70.70): VN054459.D (-1594) (-)





#38

Carbon Tetrachloride

Concen: 6.390 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

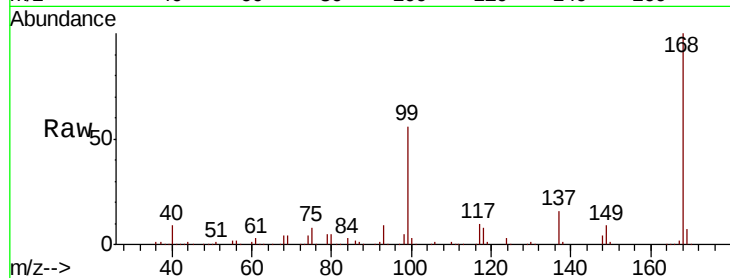
Tot Ion:117 Resp: 62579

Ion Ratio Lower Upper

117 100

119 5.3 76.3 114.5#

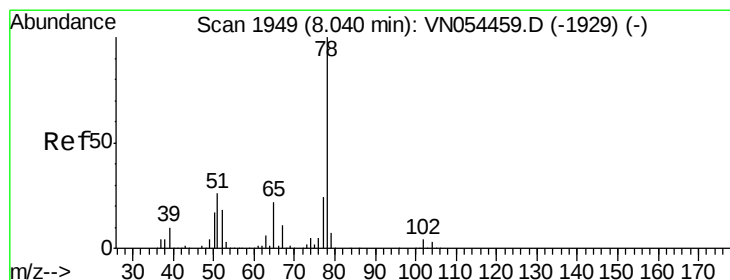
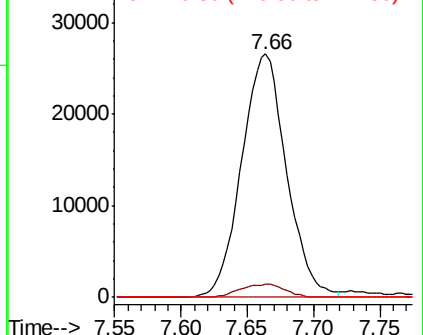
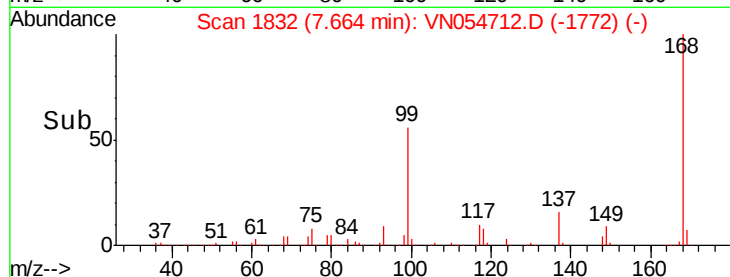
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.241 ug/l

RT: 8.03 min Scan# 1947

Delta R.T. -0.01 min

Lab File: VN054712.D

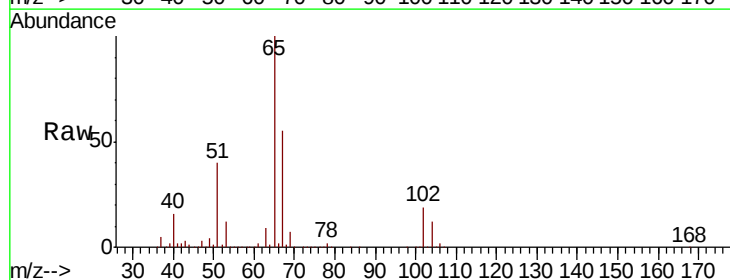
Acq: 27 Mar 2019 10:53

Tgt Ion: 78 Resp: 6939

Ion Ratio Lower Upper

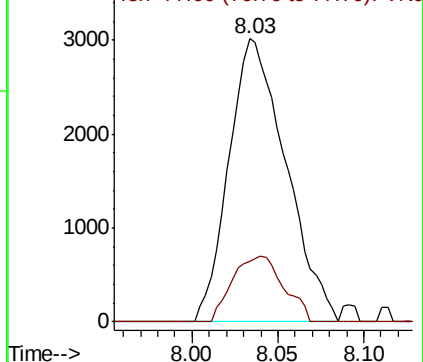
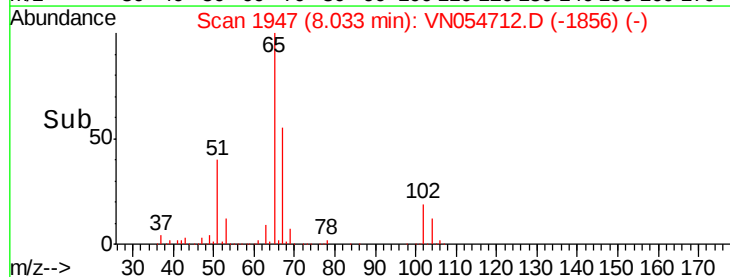
78 100

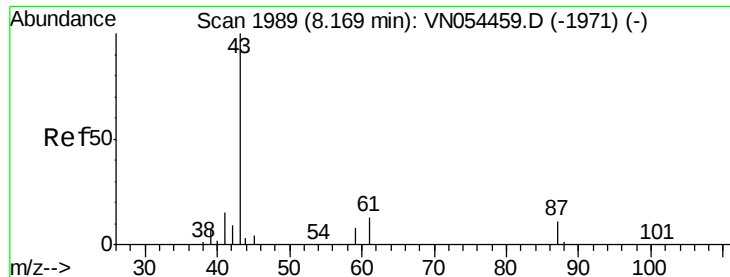
77 21.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 0.651 ug/l

RT: 8.27 min Scan# 2022

Delta R.T. 0.11 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

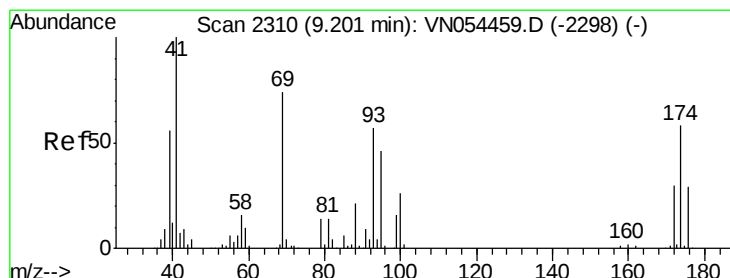
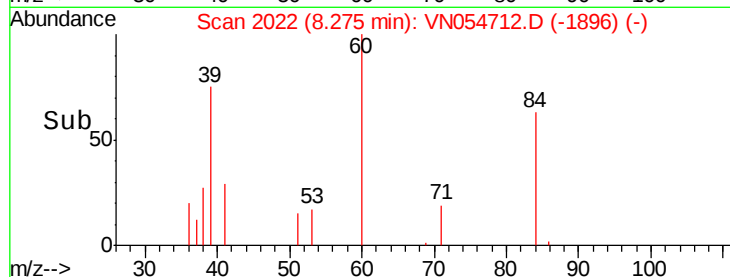
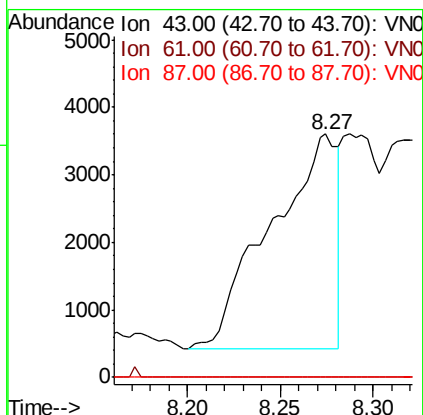
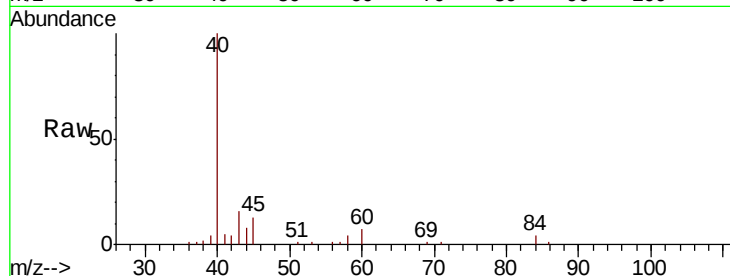
Tot Ion: 43 Resp: 7885

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#



#48

Methyl methacrylate

Concen: 2.059 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

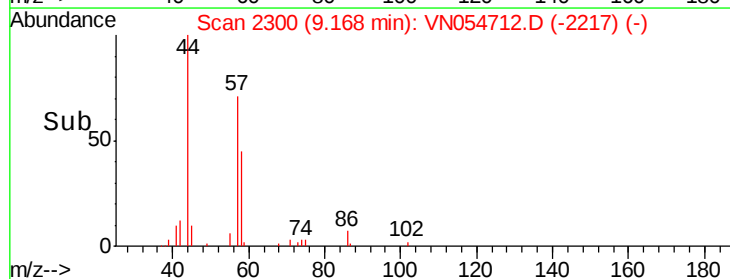
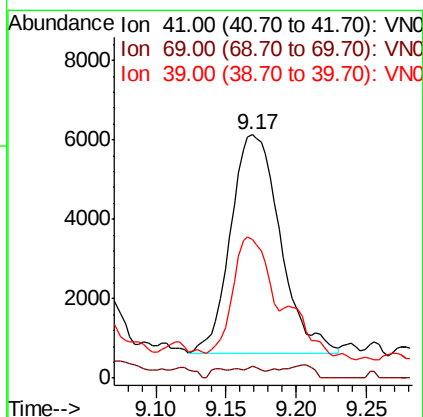
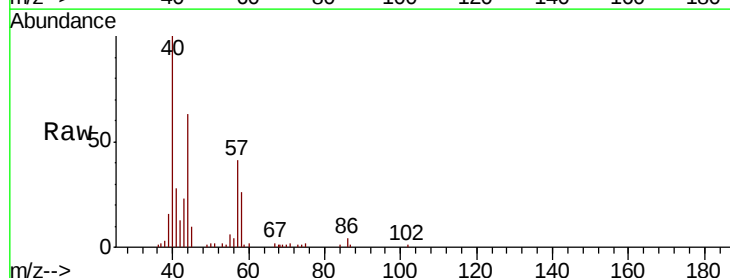
Tgt Ion: 41 Resp: 13525

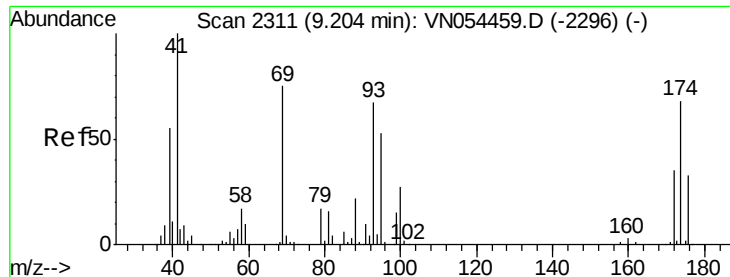
Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

39 38.1 47.5 71.3#





#49

1,4-Dioxane

Concen: 0.422 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

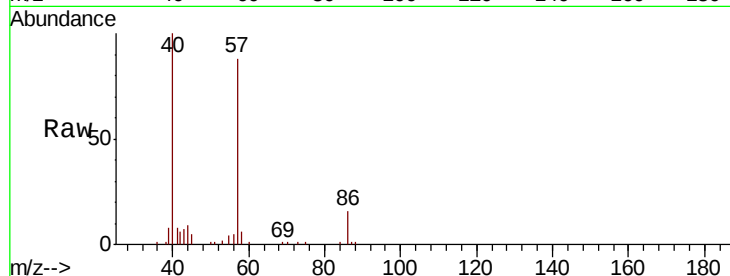
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

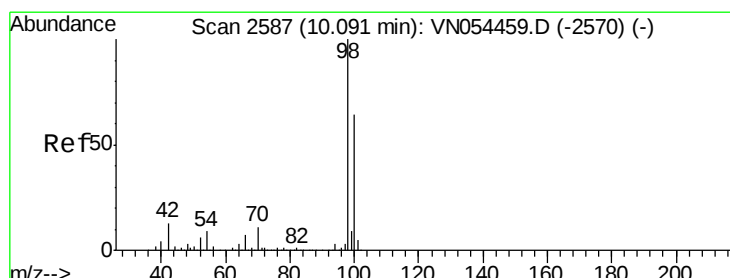
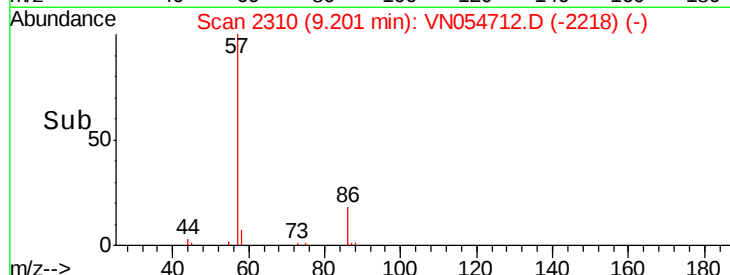
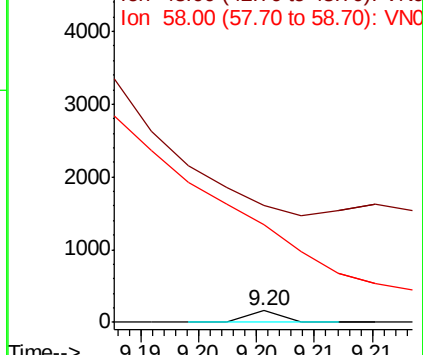
58 0.0 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.104 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054712.D

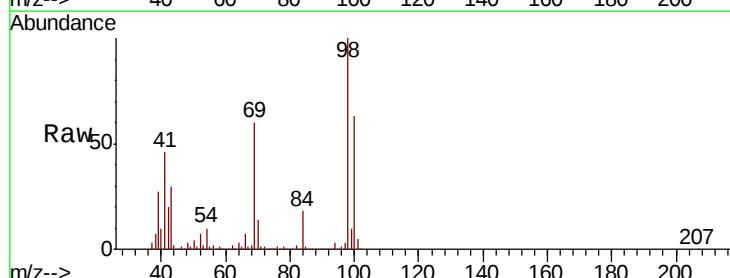
Acq: 27 Mar 2019 10:53

Tgt Ion: 98 Resp: 1307899

Ion Ratio Lower Upper

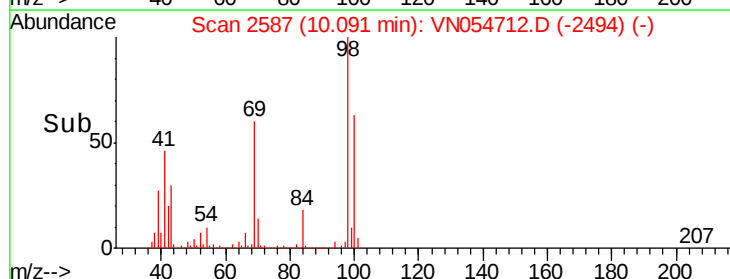
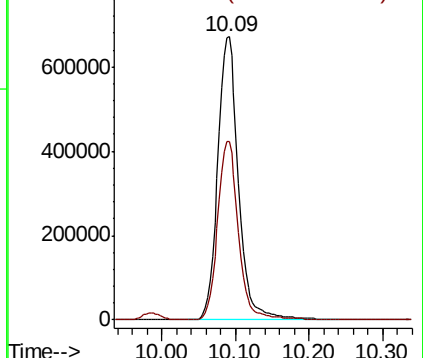
98 100

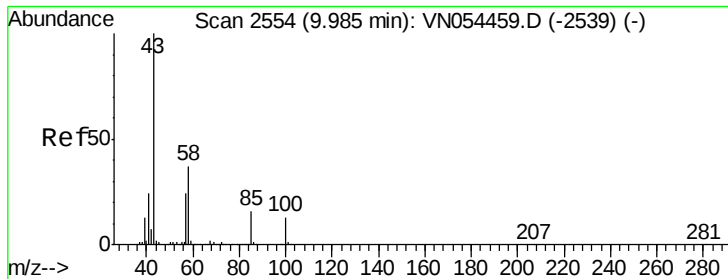
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

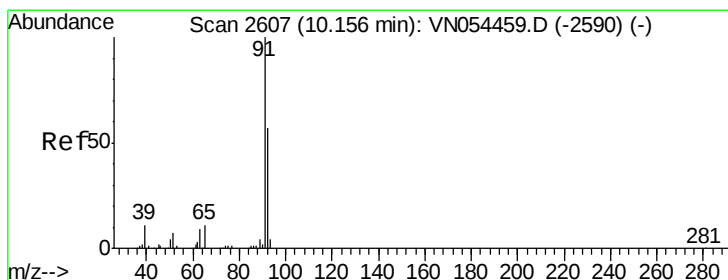
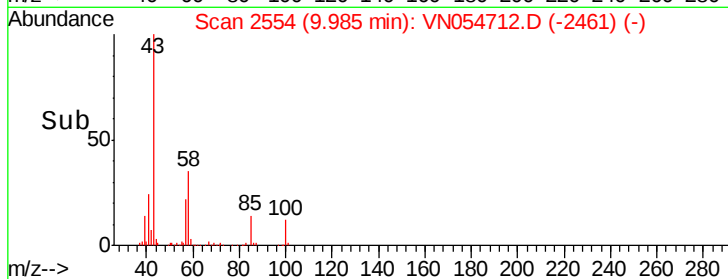
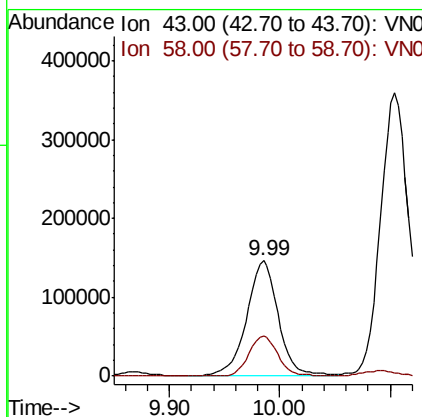
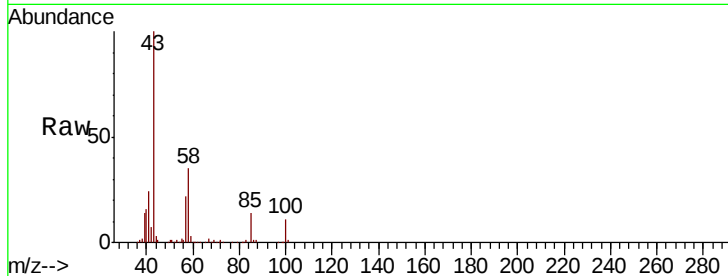




#51
 4-Methyl-2-Pentanone
 Concen: 43.035 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

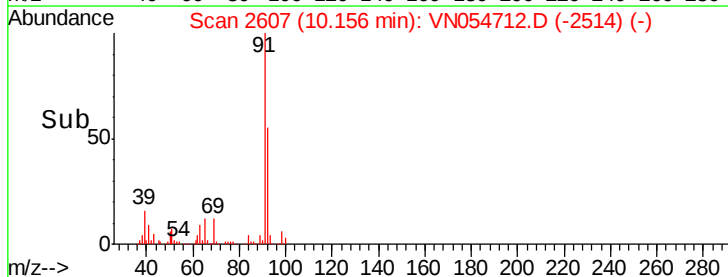
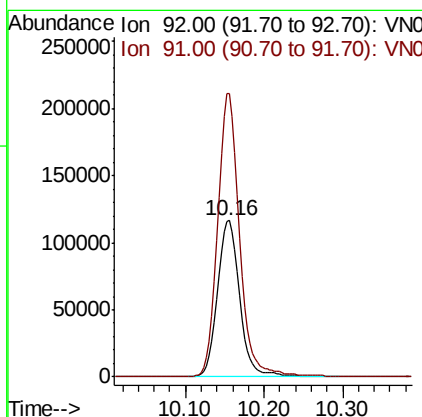
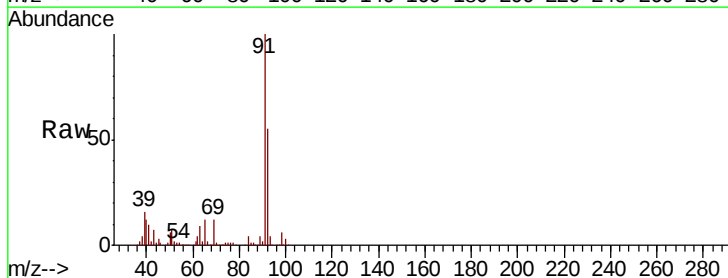
Instrument :
 MSVOA_N
 ClientSampled :

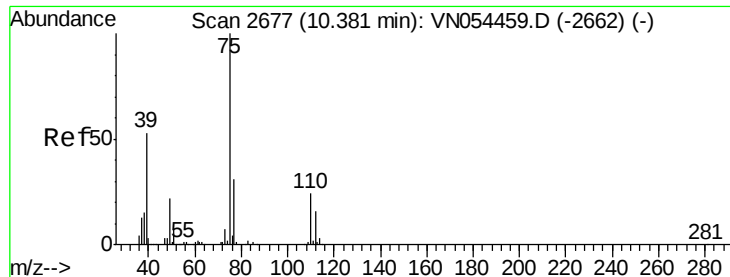
Tot Ion: 43 Resp: 288697
 Ion Ratio Lower Upper
 43 100
 58 32.5 31.8 47.6



#52
 Toluene
 Concen: 12.851 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 92 Resp: 227765
 Ion Ratio Lower Upper
 92 100
 91 177.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 2.247 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

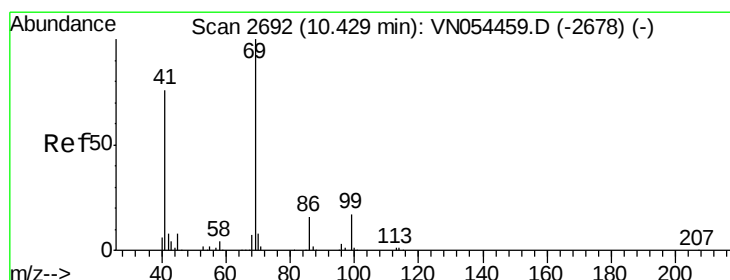
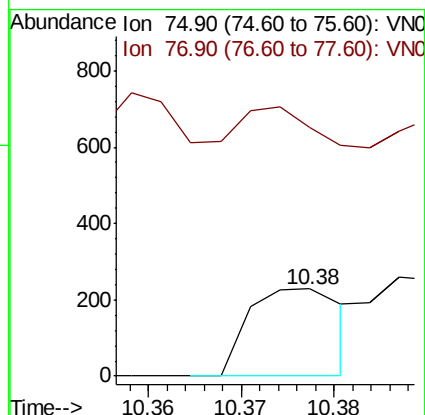
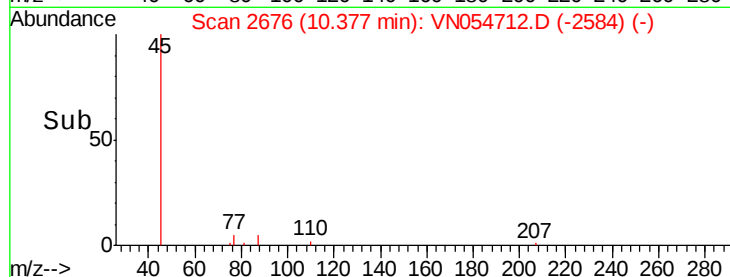
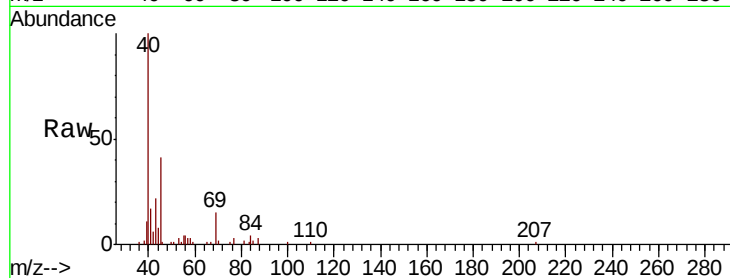
ClientSampleId :

Tot Ion: 75 Resp: 160

Ion Ratio Lower Upper

75 100

77 21.0 25.8 38.8#



#56

Ethyl methacrylate

Concen: 1.944 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.07 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

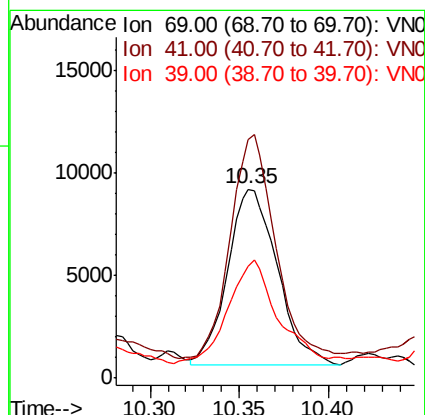
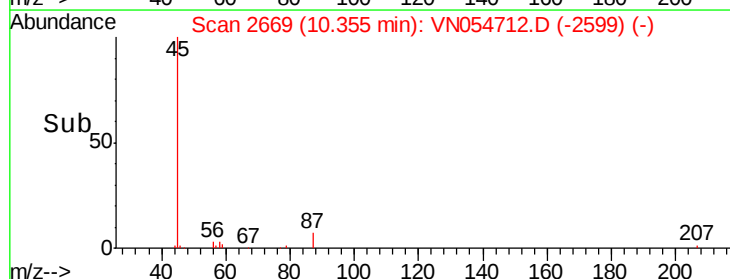
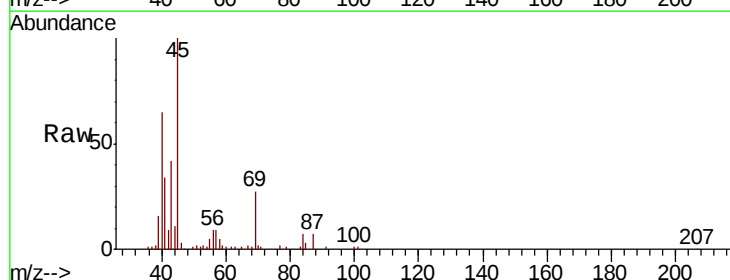
Tgt Ion: 69 Resp: 16622

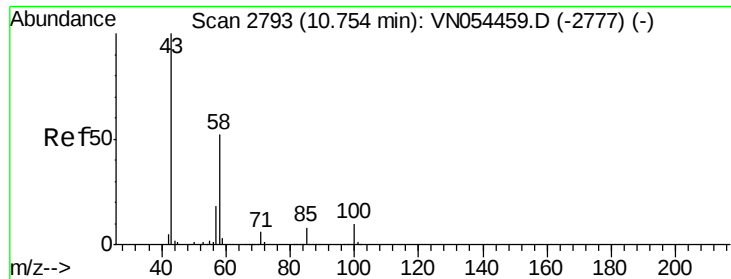
Ion Ratio Lower Upper

69 100

41 113.8 49.4 74.2#

39 57.8 28.3 42.5#

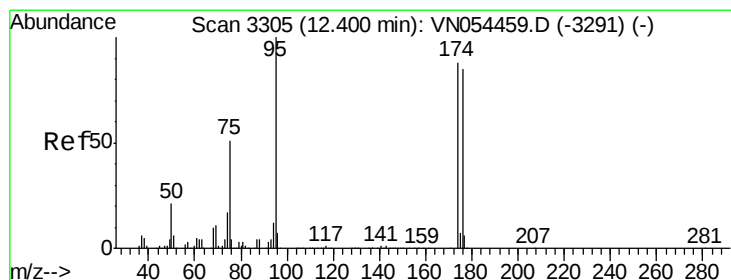
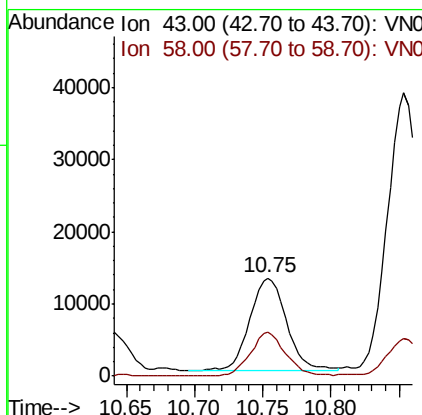
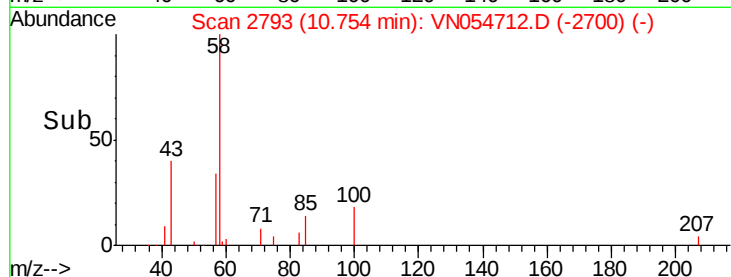
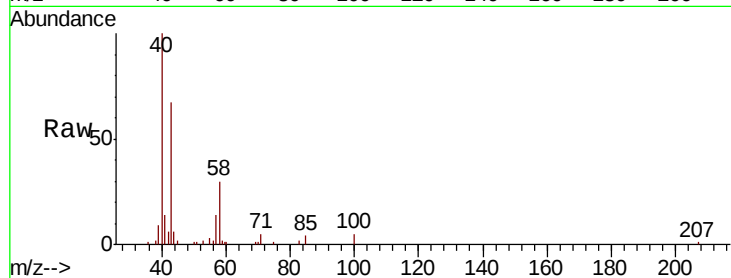




#59
2-Hexanone
Concen: 5.612 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

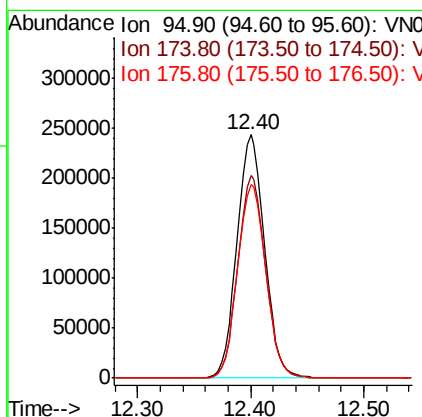
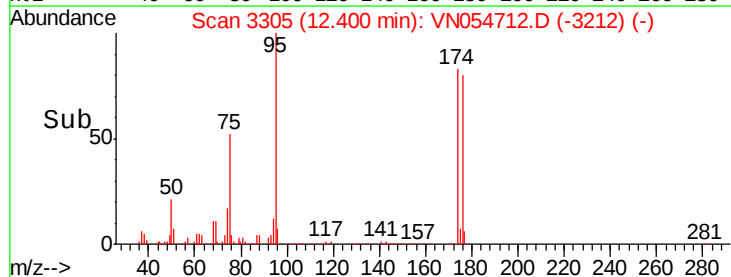
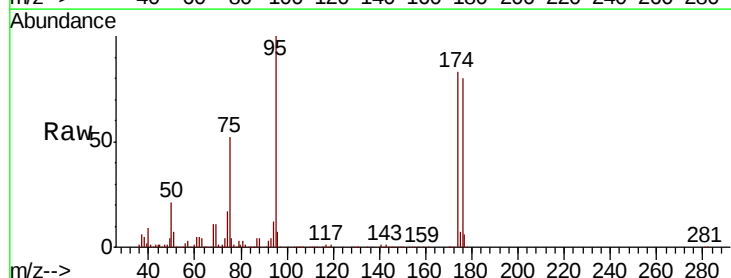
Instrument :
MSVOA_N
ClientSampled :

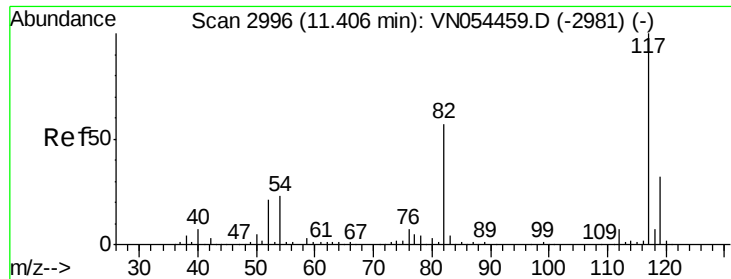
Tot Ion: 43 Resp: 24591
Ion Ratio Lower Upper
43 100
58 44.8 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 46.745 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion: 95 Resp: 415219
Ion Ratio Lower Upper
95 100
174 83.6 0.0 191.0
176 81.6 0.0 187.4

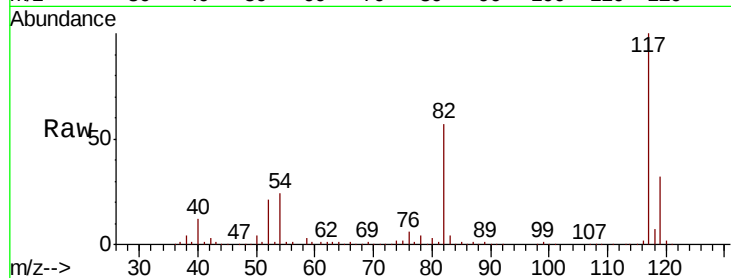




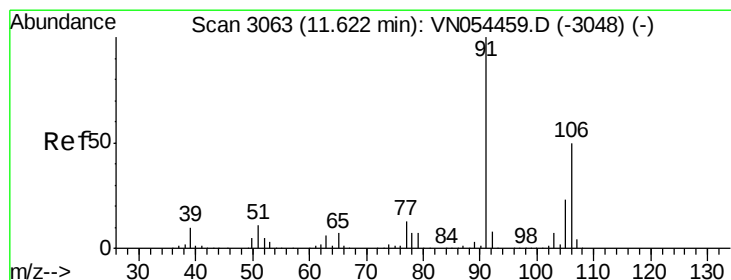
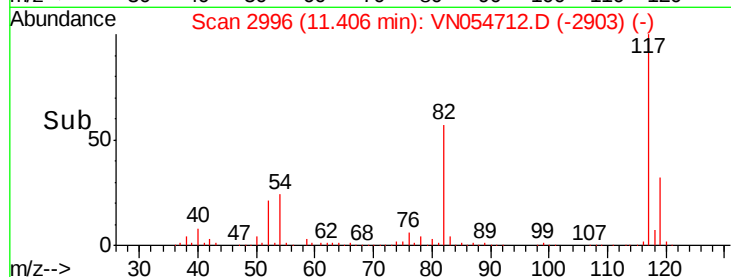
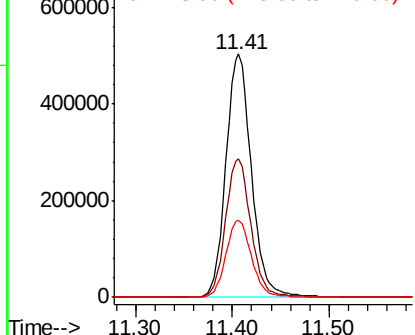
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 922613
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 31.9 25.8 38.6

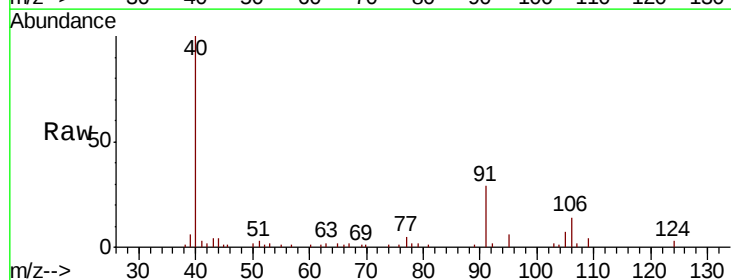


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

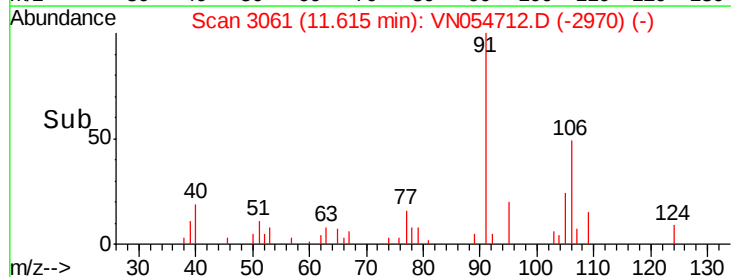
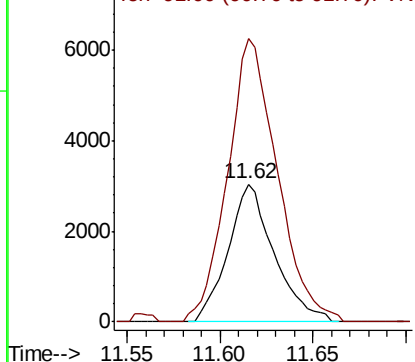


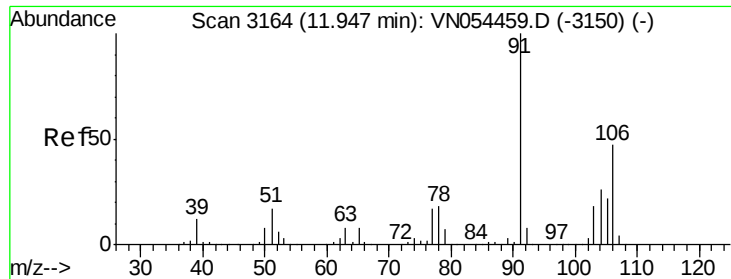
#68
m/p-Xylenes
Concen: 0.418 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion:106 Resp: 5253
Ion Ratio Lower Upper
106 100
91 222.1 159.4 239.2



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

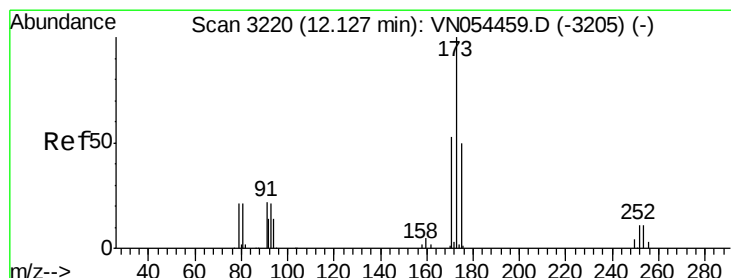
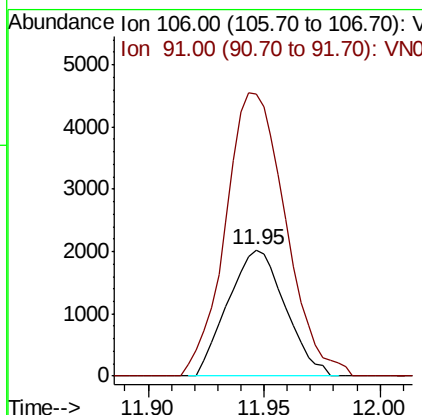
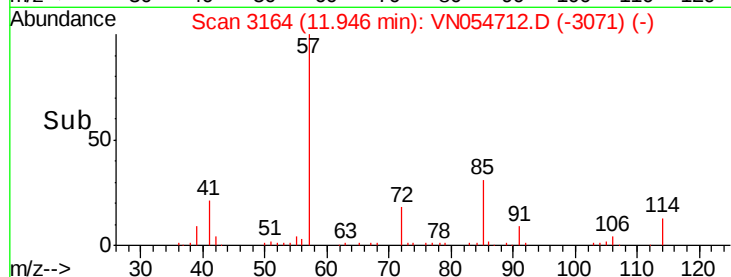
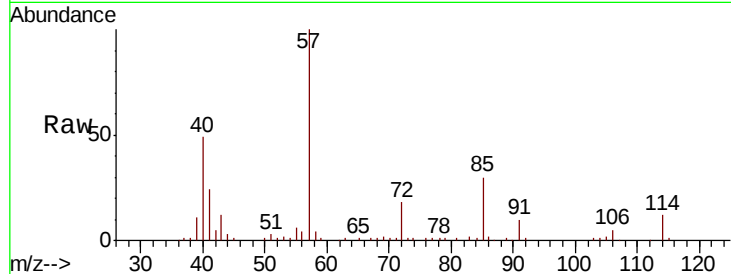




#69
o-Xylene
Concen: 0.283 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

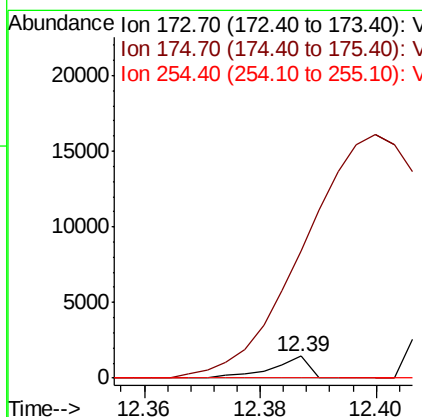
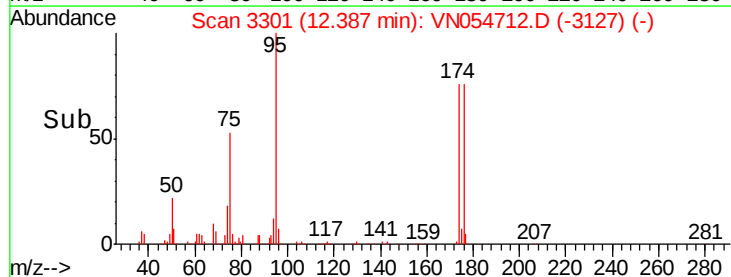
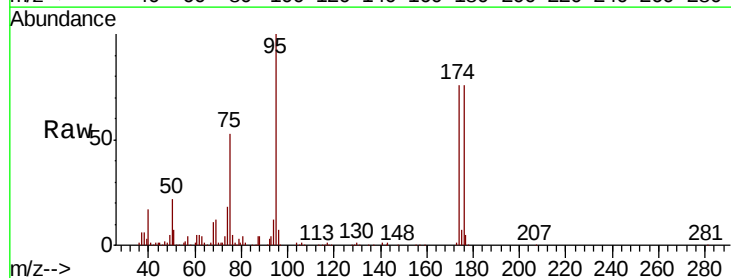
Instrument :
MSVOA_N
ClientSampled :

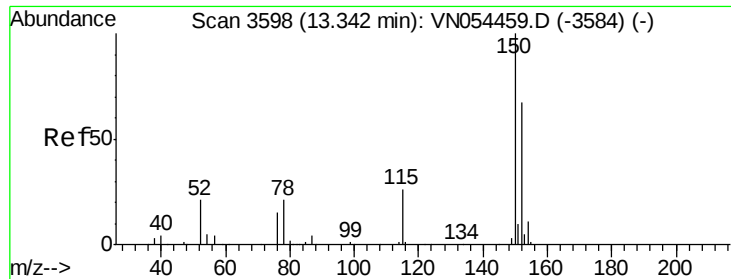
Tot Ion:106 Resp: 3470
Ion Ratio Lower Upper
106 100
91 235.8 105.7 317.1



#71
Bromoform
Concen: 2.351 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion:173 Resp: 636
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#



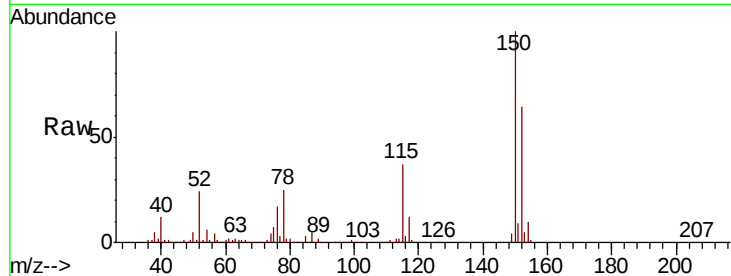


#72

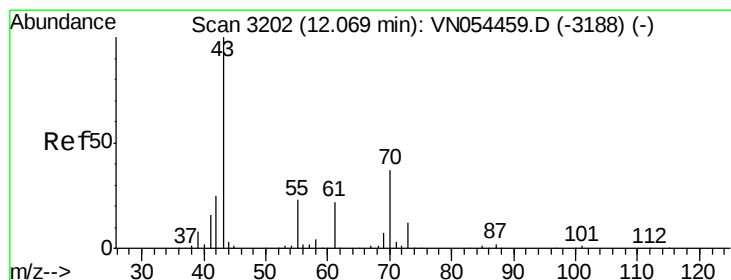
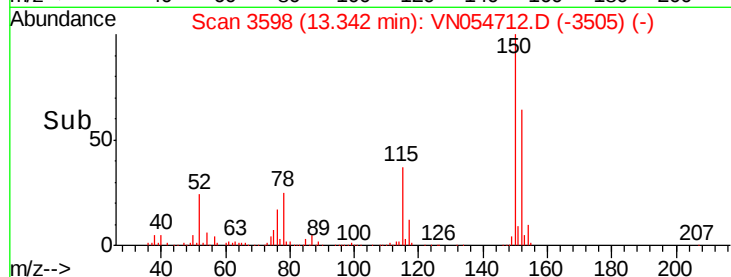
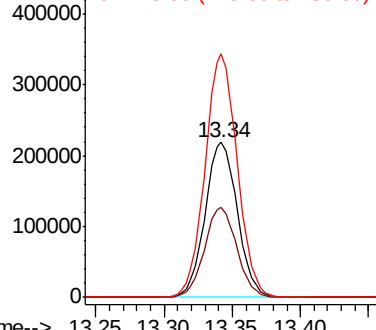
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	157.1	0.0	349.2



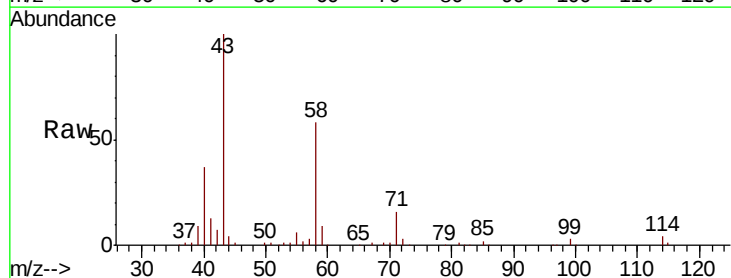
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



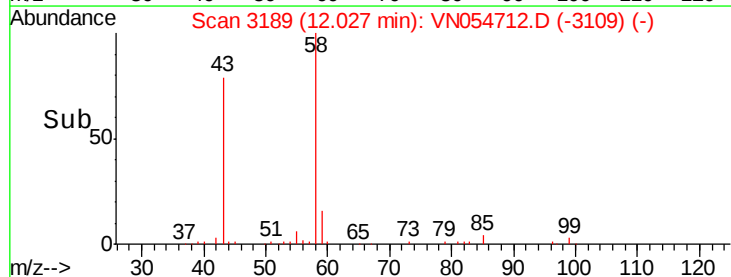
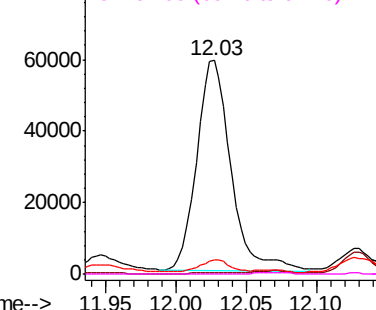
#74

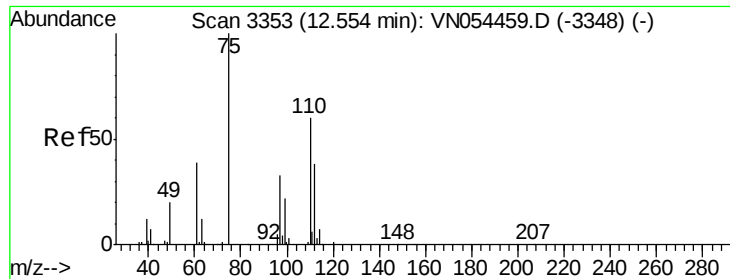
N-ethyl acetate
Concen: 12.025 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN054712.D
Acq: 27 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.7	35.4	53.0#
55	4.6	19.8	29.6#
61	0.0	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 37.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

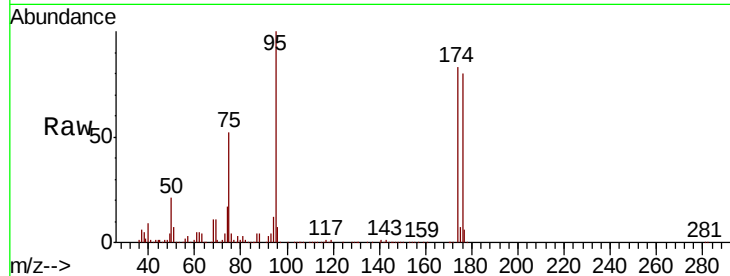
ClientSampled :

Tot Ion: 75 Resp: 214770

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

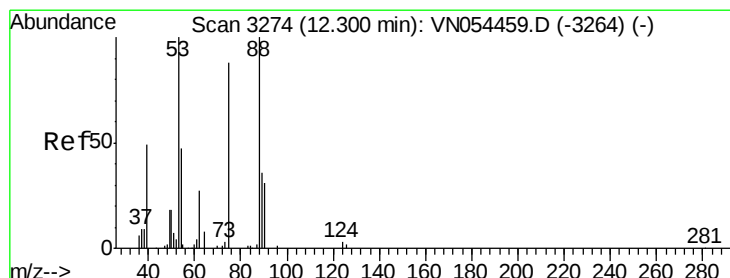
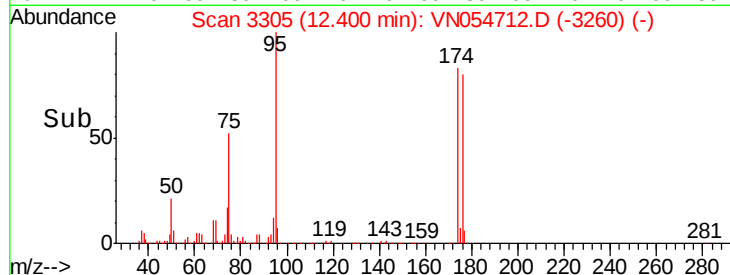
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 125.262 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

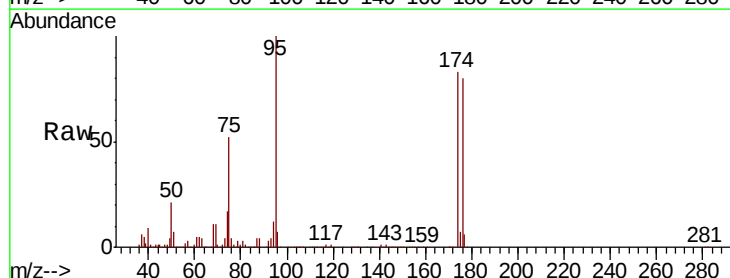
Tgt Ion: 75 Resp: 214770

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40

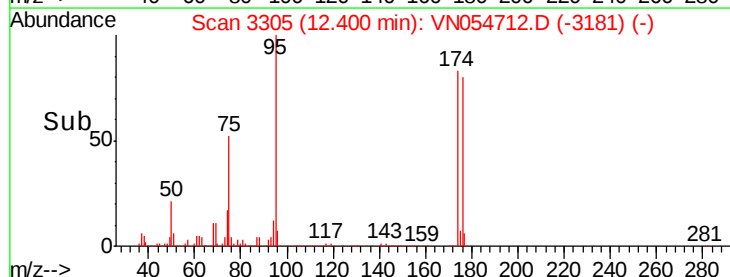
150000

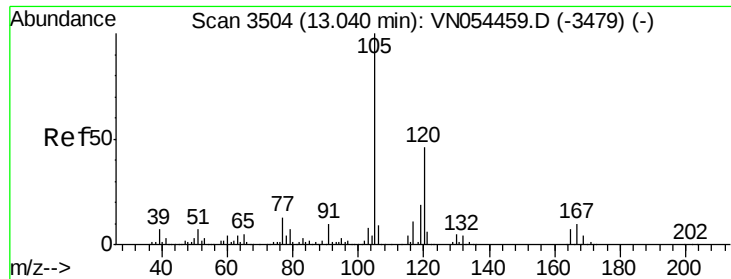
100000

50000

0

Time--> 12.30 12.40 12.50

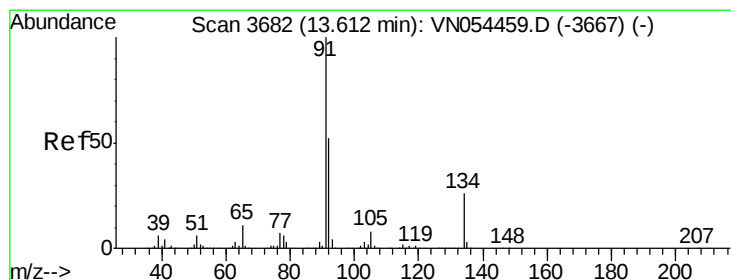
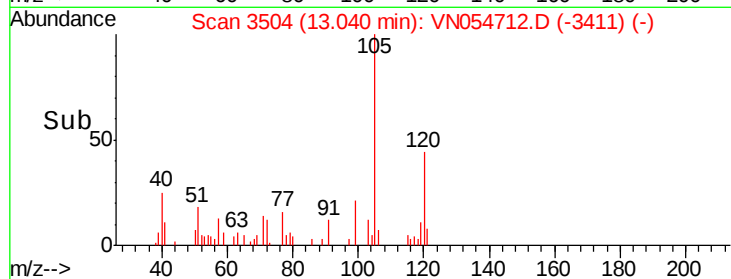
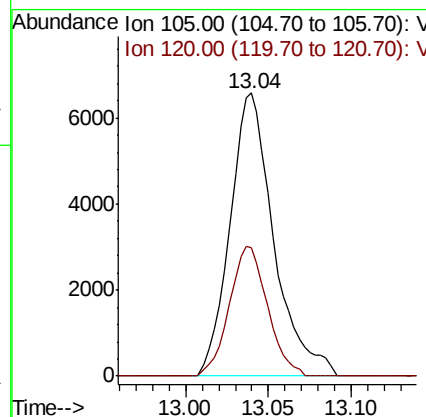
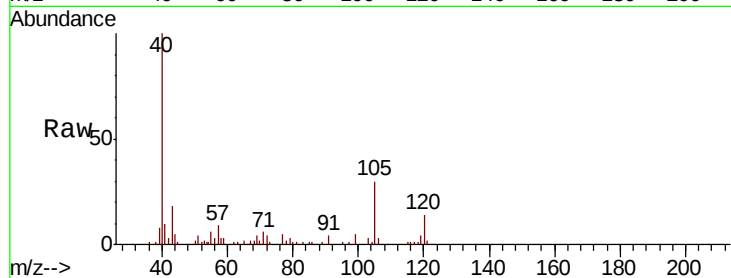




#84
 1,2,4-Trimethylbenzene
 Concen: 0.520 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

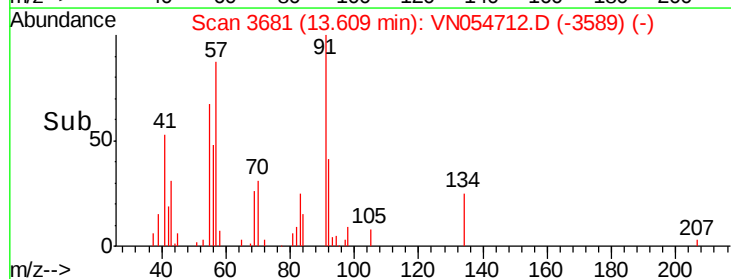
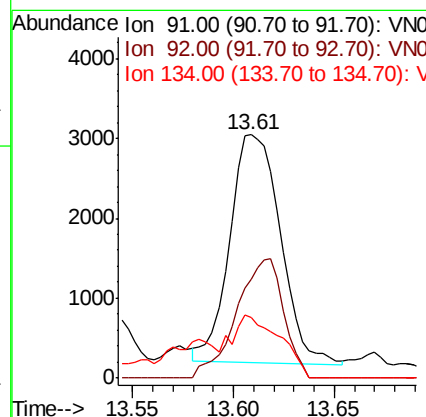
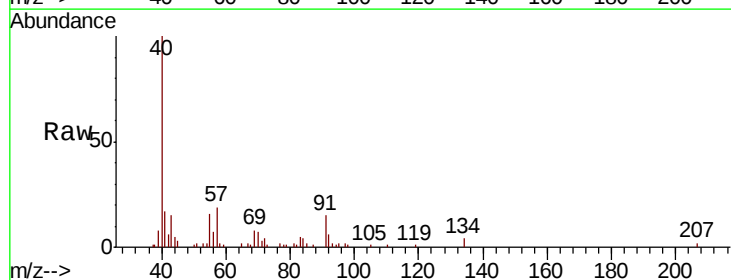
Instrument :
 MSVOA_N
 ClientSampleId :

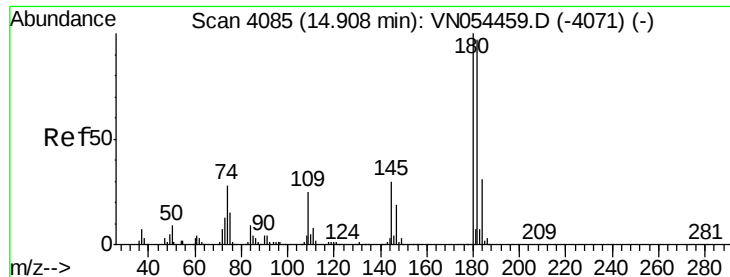
Tot Ion:105 Resp: 12055
 Ion Ratio Lower Upper
 105 100
 120 39.9 23.4 70.3



#89
 n-Butylbenzene
 Concen: 0.280 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

Tgt Ion: 91 Resp: 5020
 Ion Ratio Lower Upper
 91 100
 92 48.6 26.2 78.6
 134 26.6 14.3 42.9

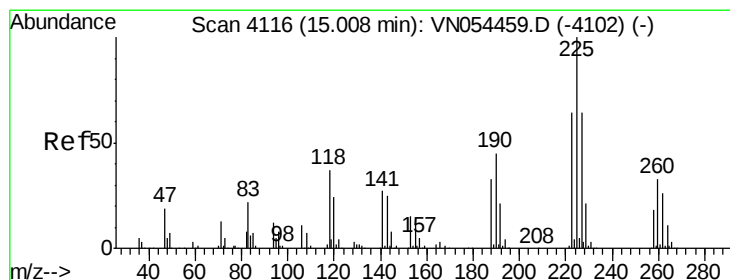
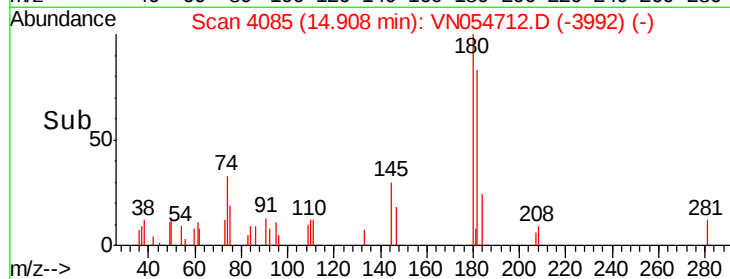
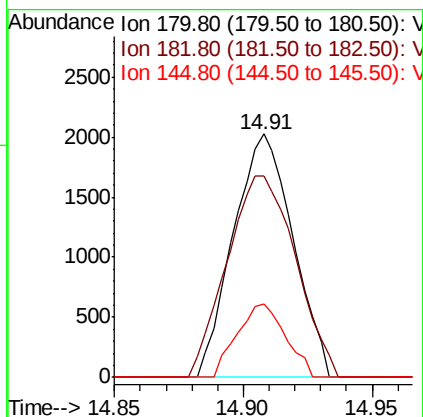
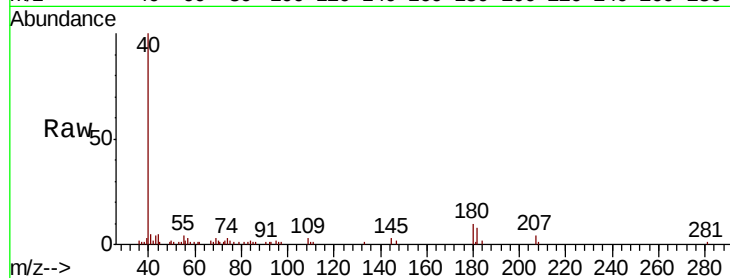




#93
 1,2,4-Trichlorobenzene
 Concen: 0.569 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

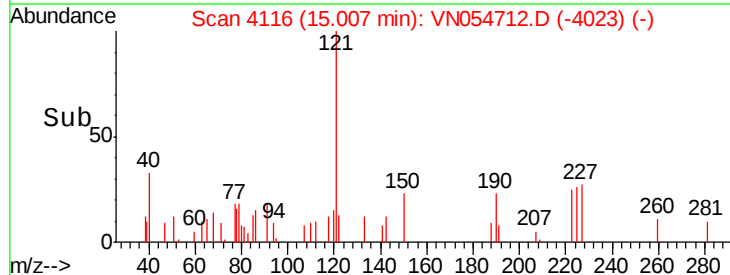
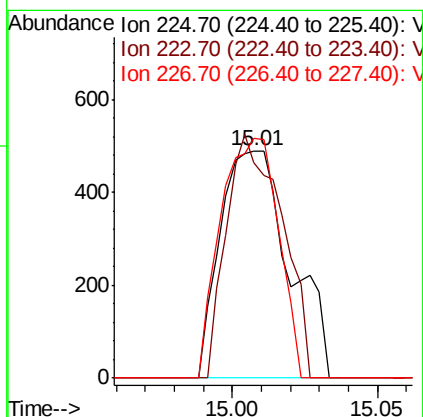
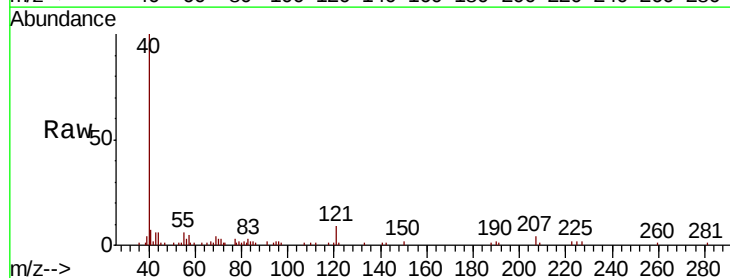
Instrument :
 MSVOA_N
 ClientSampled :

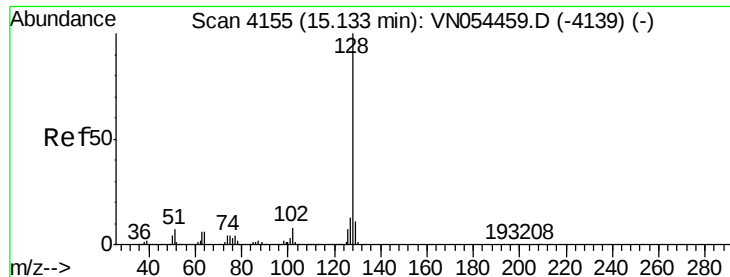
Tot Ion:180 Resp: 3255
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.2
 145 24.5 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054712.D
 Acq: 27 Mar 2019 10:53

Tgt Ion:225 Resp: 814
 Ion Ratio Lower Upper
 225 100
 223 86.1 31.1 93.5
 227 87.7 31.9 95.9





#95

Naphthalene

Concen: 2.217 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

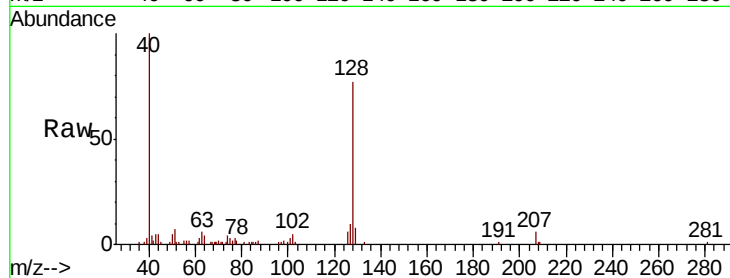
Tot Ion:128 Resp: 28302

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

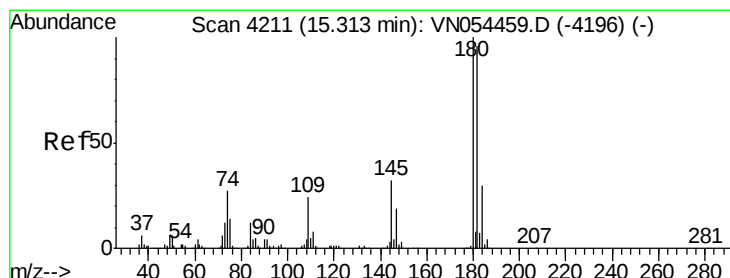
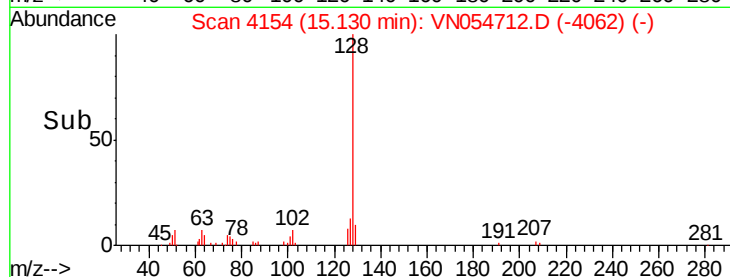
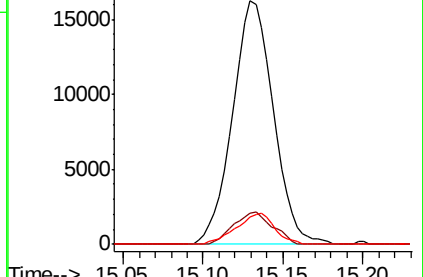
129 11.9 8.7 13.1



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: 0.665 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054712.D

Acq: 27 Mar 2019 10:53

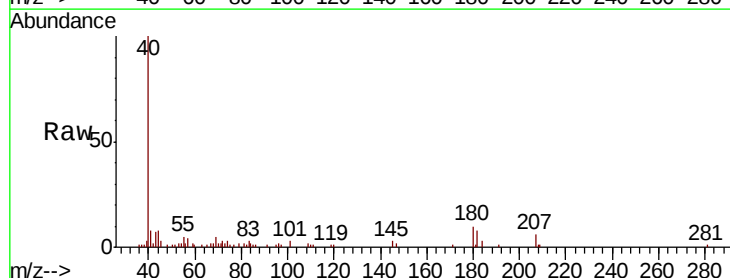
Tgt Ion:180 Resp: 3789

Ion Ratio Lower Upper

180 100

182 89.1 47.5 142.6

145 34.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

