

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054739.D
 Acq On : 28 Mar 2019 12:54
 Operator : JC/SP
 Sample : K2107-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Mar 29 05:02:24 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	7.67	168	529159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	266610	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	343886	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	270969	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.09	98	1034146	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	320135	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	756	0.234	ug/l	71
13) Acrolein	3.61	56	145	0.264	ug/l #	7
14) Allyl chloride	4.55	41	21015	2.187	ug/l #	22
16) Acetone	3.82	43	6814	3.443	ug/l	100
17) Carbon Disulfide	4.04	76	2838	0.208	ug/l #	81
18) Methyl Acetate	4.33	43	2103	0.477	ug/l #	64
20) Methylene Chloride	4.55	84	489215	83.867	ug/l #	83
25) 2-Butanone	6.86	43	712	0.281	ug/l #	46
29) Tetrahydrofuran	7.22	42	670	0.407	ug/l #	48
30) Chloroform	7.37	83	6585	0.661	ug/l	94
31) Cyclohexane	7.67	56	10695	Below Cal	#	16
36) 1,1-Dichloropropene	7.66	75	40905	5.122	ug/l #	48
38) Carbon Tetrachloride	7.67	117	49421	6.368	ug/l #	15
43) Isopropyl Acetate	8.17	43	16926	1.764	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1513	0.247	ug/l #	43
48) Methyl methacrylate	9.18	41	9238	1.774	ug/l #	11
51) 4-Methyl-2-Pentanone	9.99	43	6420	1.208	ug/l	88
53) t-1,3-Dichloropropene	10.38	75	182	2.254	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	58440	6.713	ug/l #	69
57) 1,3-Dichloropropane	10.77	76	11727	1.336	ug/l #	43
59) 2-Hexanone	10.77	43	199043	57.315	ug/l #	49
68) m/p-Xylenes	11.62	106	2155	0.215	ug/l	91
71) Bromoform	12.38	173	176	2.266	ug/l #	1
74) N-amyl acetate	12.07	43	1696	0.275	ug/l #	85
76) 1,2,3-Trichloropropane	12.40	75	167334	39.552	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7704	0.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	167334	130.873	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	8242	0.477	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	1907	0.222	ug/l #	1
89) n-Butylbenzene	13.61	91	3707	0.277	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	2328	0.546	ug/l	98
94) Hexachlorobutadiene	15.01	225	746	Below Cal		93
95) Naphthalene	15.13	128	14394	1.514	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	2529	0.596	ug/l	81

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

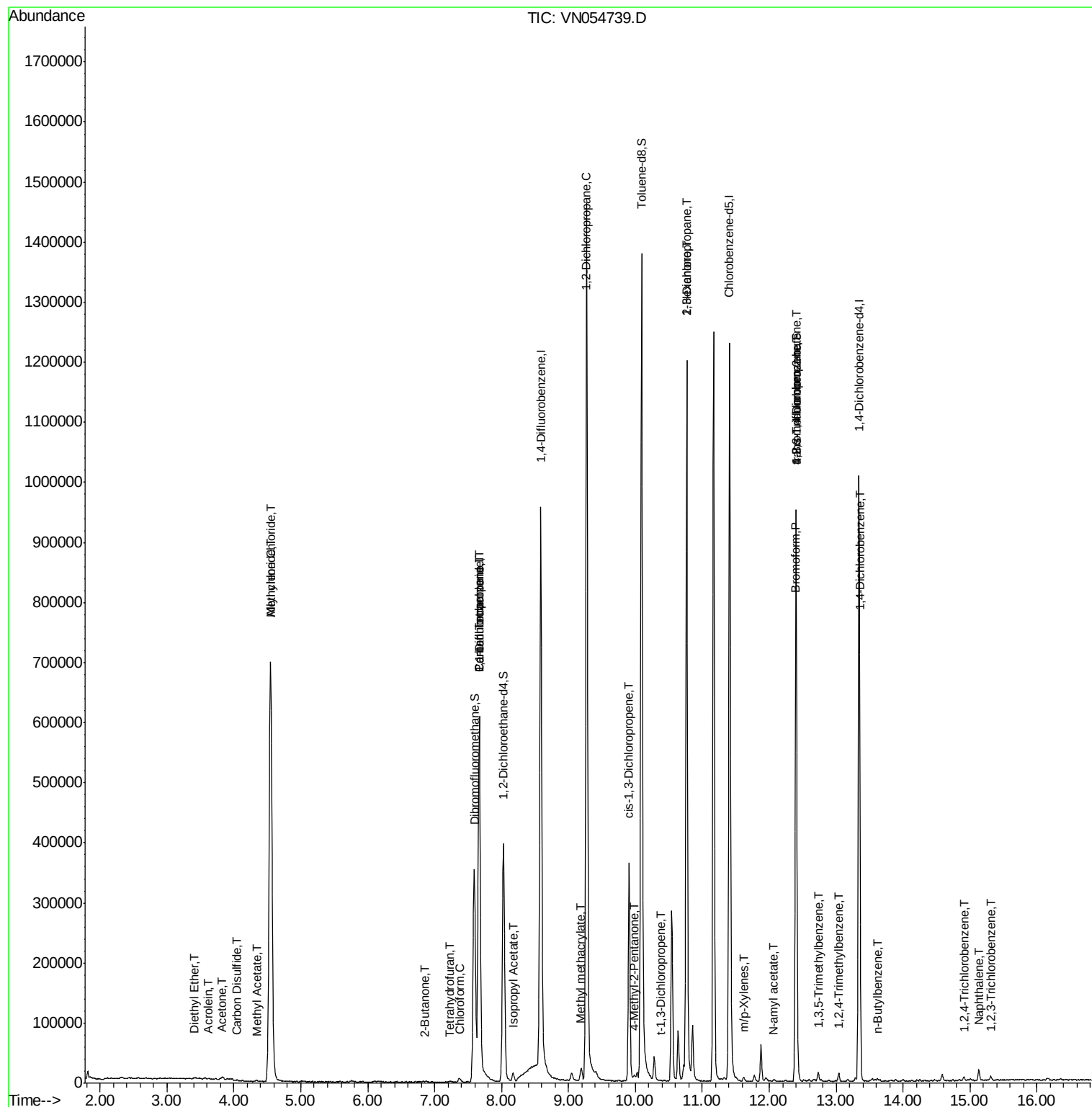
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

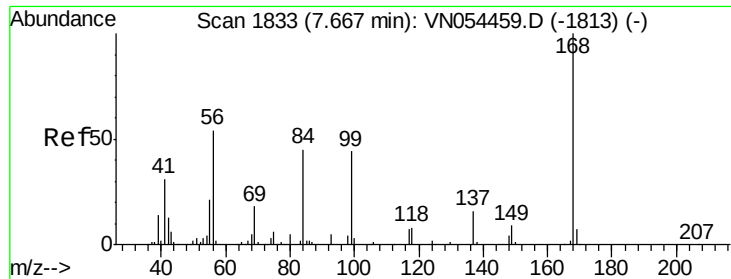
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032819\
Data File : VN054739.D
Acq On : 28 Mar 2019 12:54
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

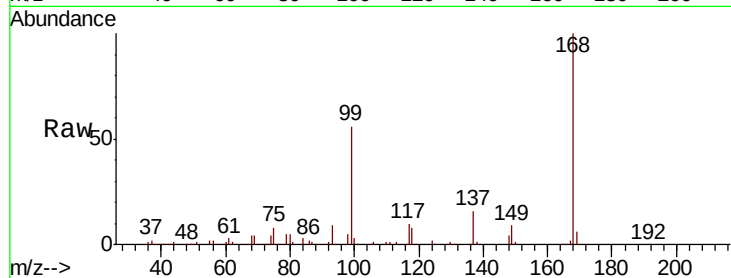
TP-9

Tot Ion:168 Resp: 529159

Ion Ratio Lower Upper

168 100

99 55.7 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

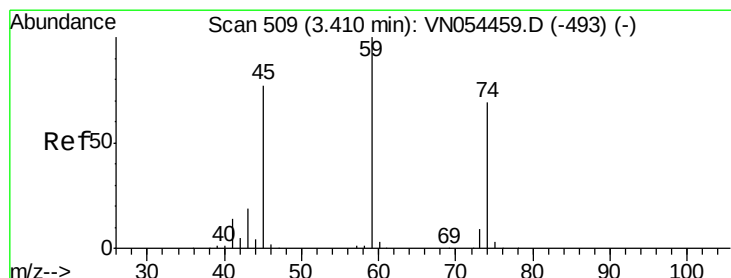
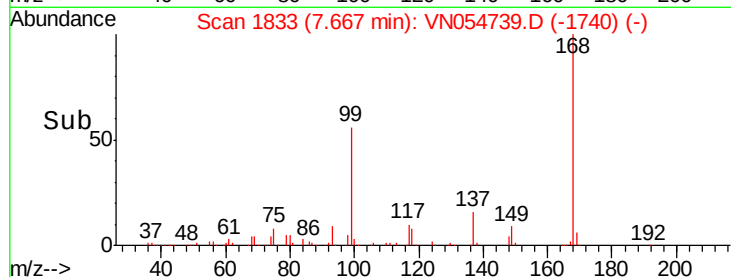
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 0.234 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN054739.D

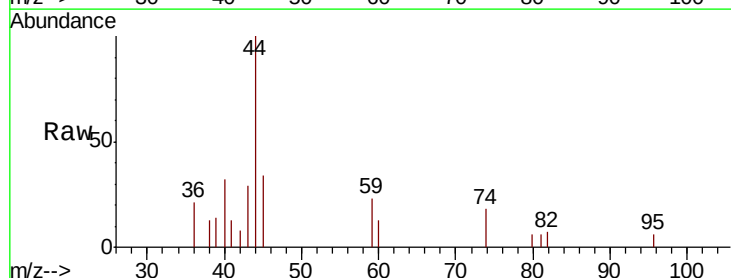
Acq: 28 Mar 2019 12:54

Tgt Ion: 74 Resp: 756

Ion Ratio Lower Upper

74 100

45 59.5 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

1000

800

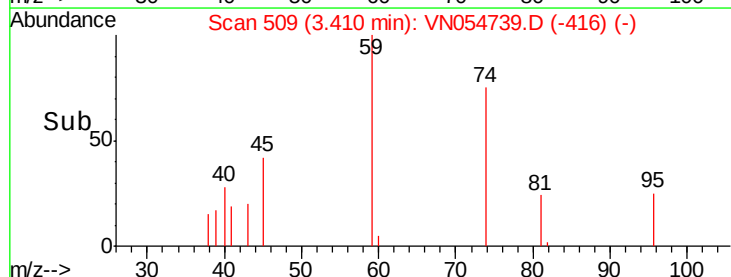
600

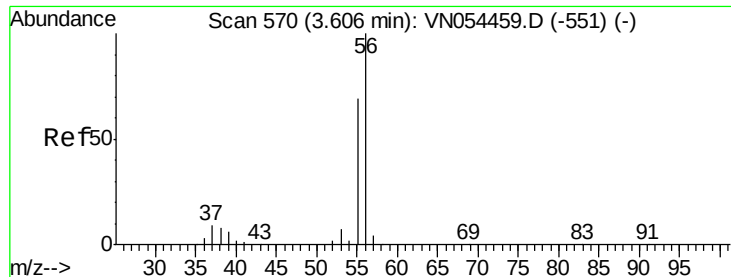
400

200

0

Time-->

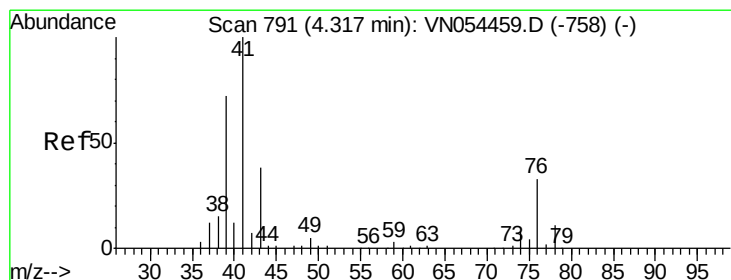
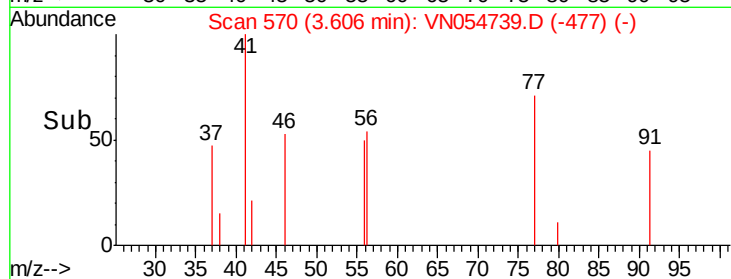
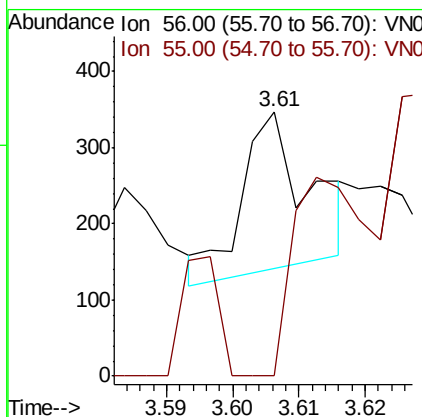
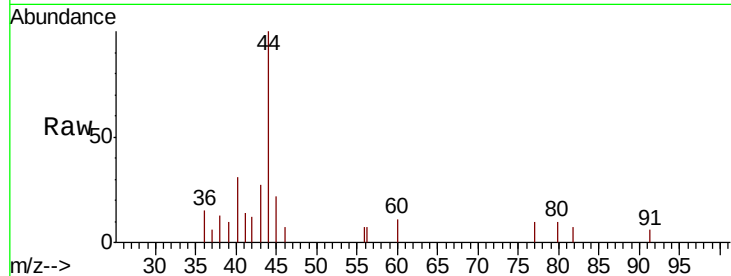




#13
Acrolein
Concen: 0.264 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

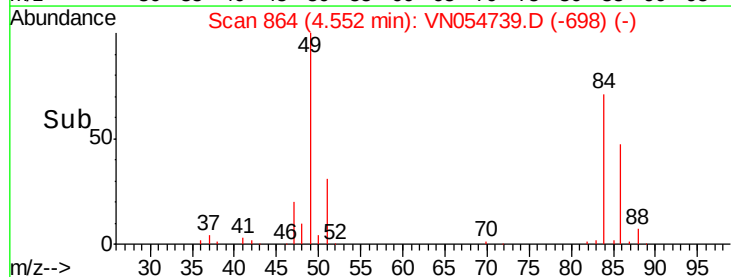
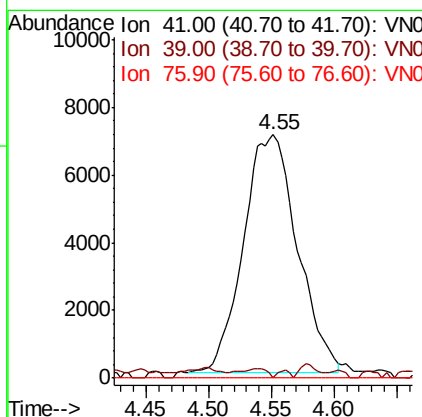
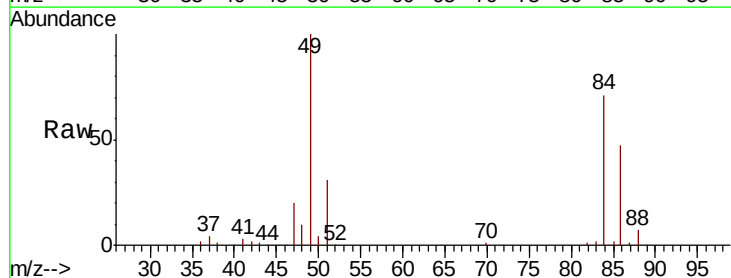
Instrument :
MSVOA_N
ClientSampled :
TP-9

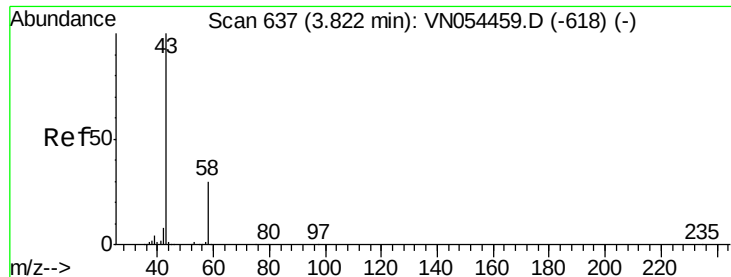
Tot Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 147.6 56.7 85.1#



#14
Allyl chloride
Concen: 2.187 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

Tgt Ion: 41 Resp: 21015
Ion Ratio Lower Upper
41 100
39 0.7 58.2 87.4#
76 0.0 31.7 47.5#





#16

Acetone

Concen: 3.443 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

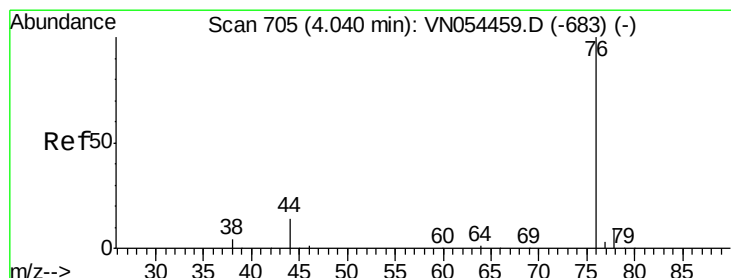
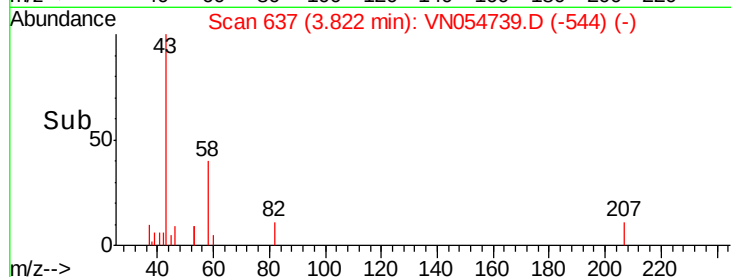
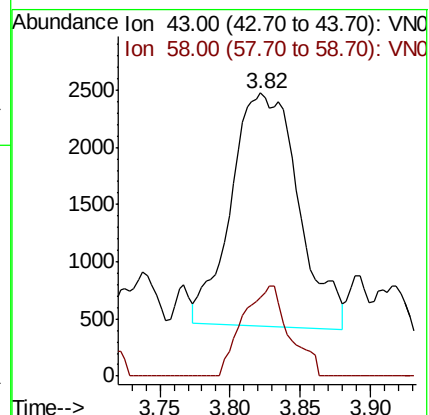
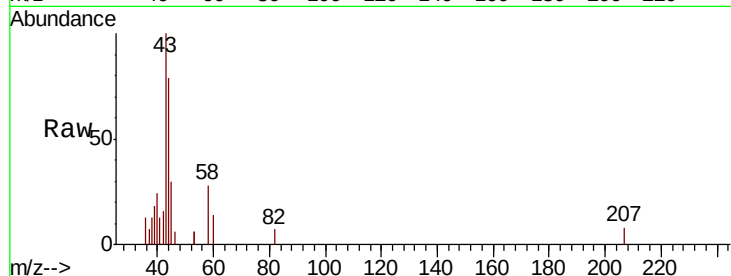
TP-9

Tot Ion: 43 Resp: 6814

Ion Ratio Lower Upper

43 100

58 37.5 29.9 44.9



#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054739.D

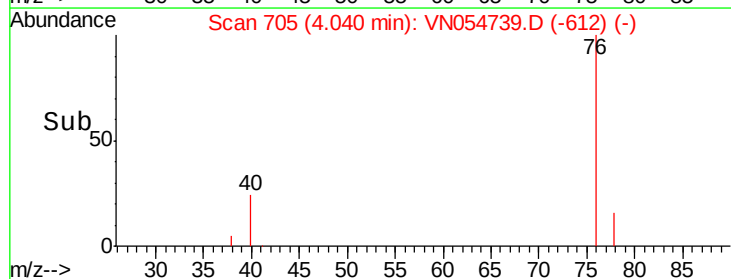
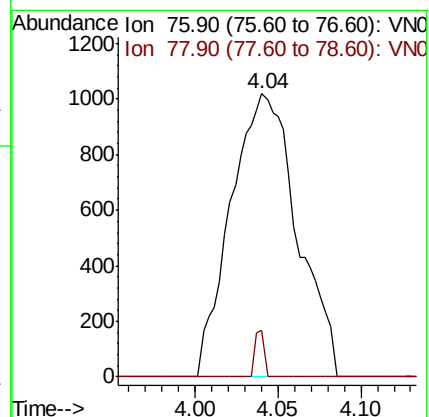
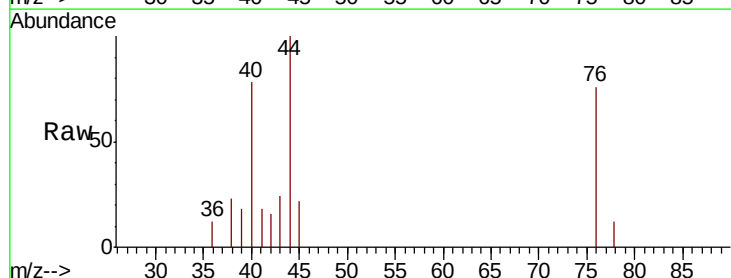
Acq: 28 Mar 2019 12:54

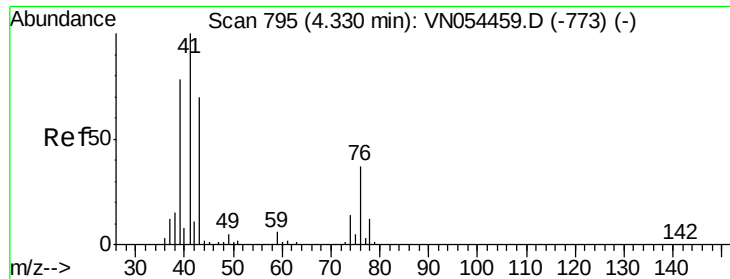
Tgt Ion: 76 Resp: 2838

Ion Ratio Lower Upper

76 100

78 16.3 7.5 11.3#

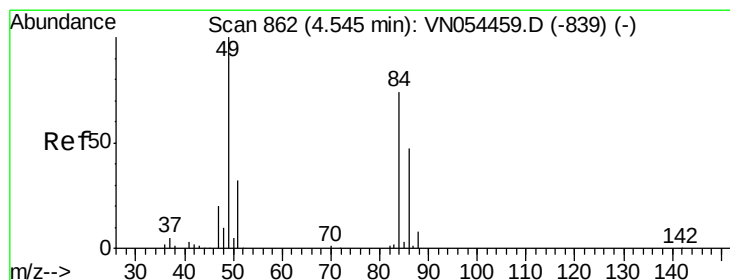
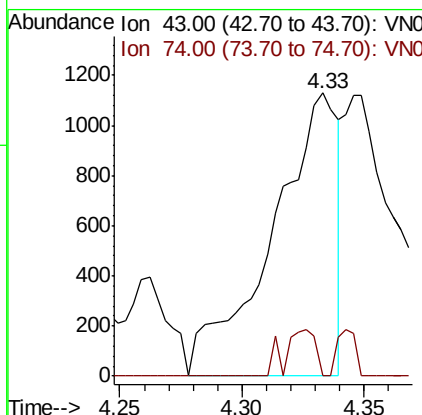
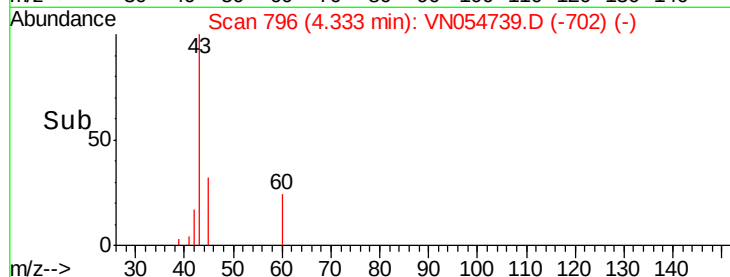
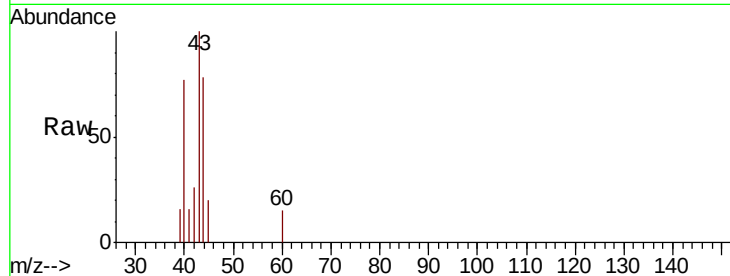




#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

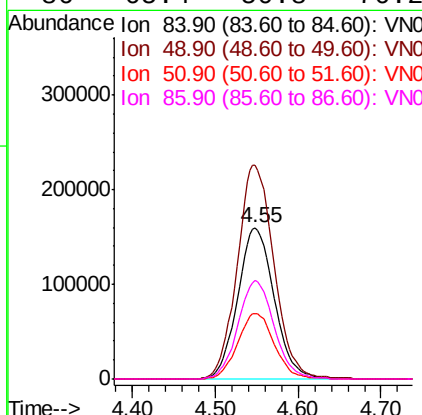
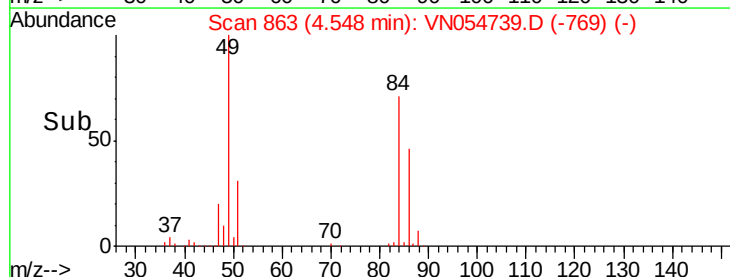
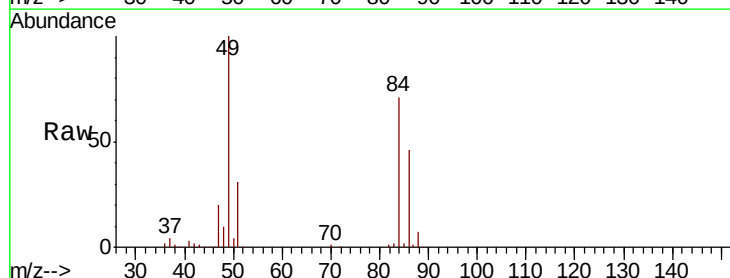
Instrument :
MSVOA_N
ClientSampled :
TP-9

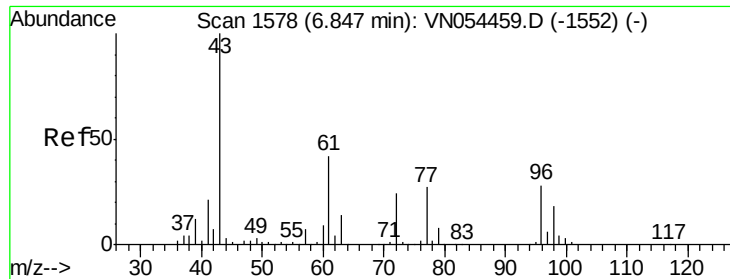
Tot Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
74 7.7 20.8 31.2#



#20
Methylene Chloride
Concen: 83.867 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

Tgt Ion: 84 Resp: 489215
Ion Ratio Lower Upper
84 100
49 141.0 89.7 134.5#
51 43.5 28.2 42.4#
86 65.4 50.8 76.2





#25

2-Butanone

Concen: 0.281 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

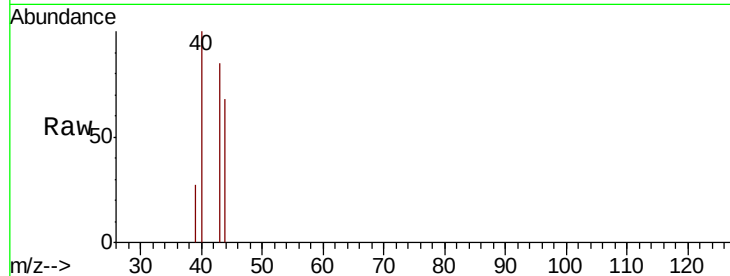
TP-9

Tot Ion: 43 Resp: 712

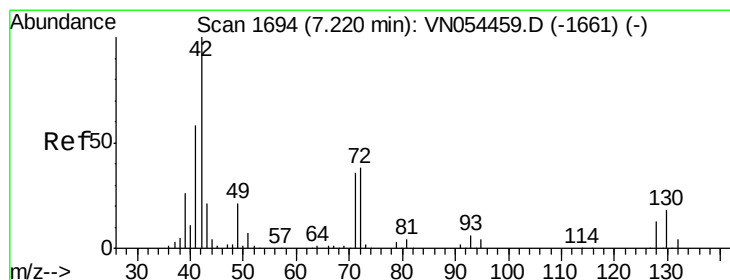
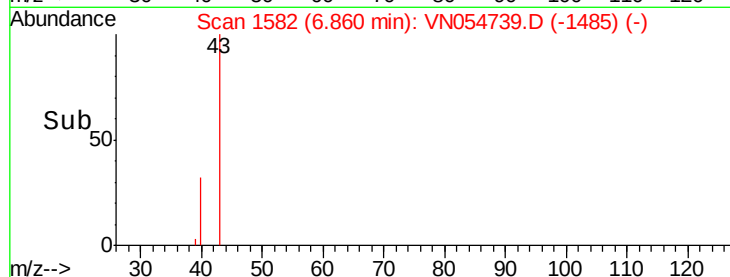
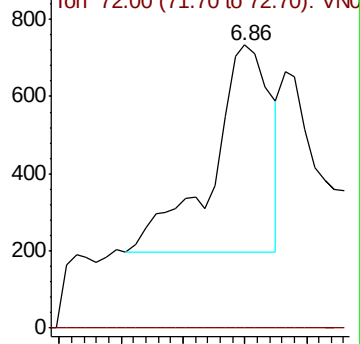
Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0



#29

Tetrahydrofuran

Concen: 0.407 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

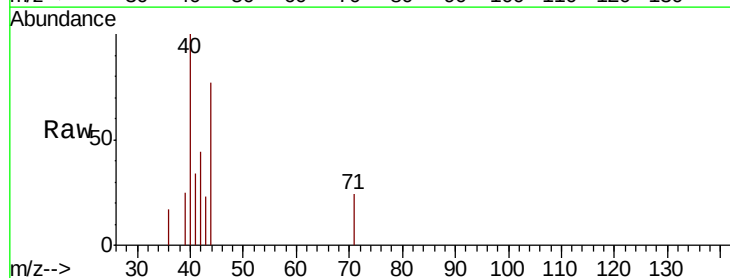
Tgt Ion: 42 Resp: 670

Ion Ratio Lower Upper

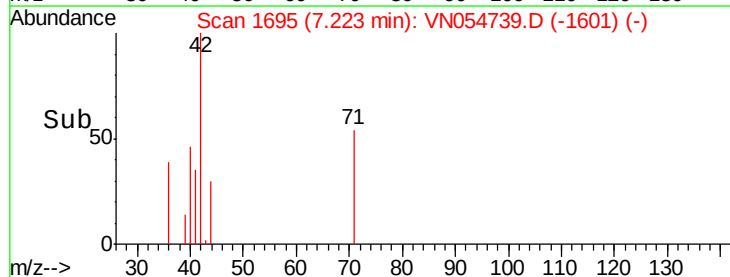
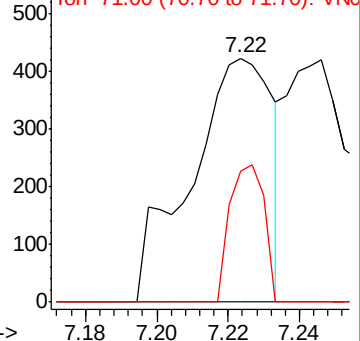
42 100

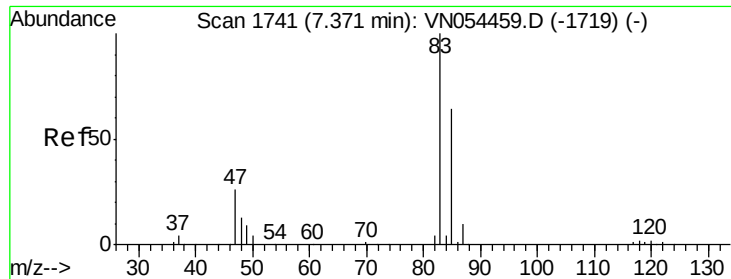
72 0.0 37.8 56.6#

71 23.7 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

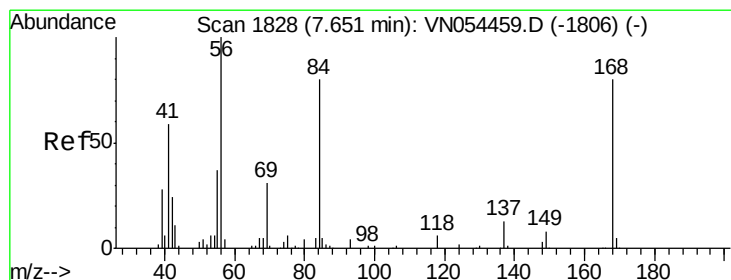
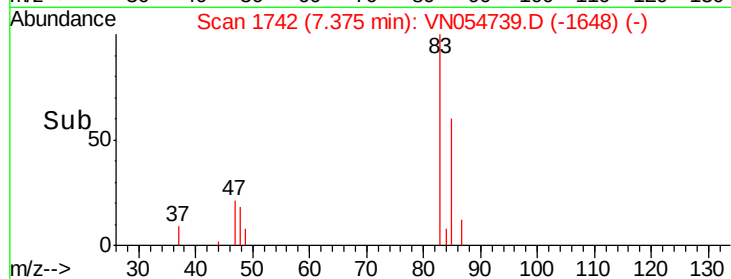
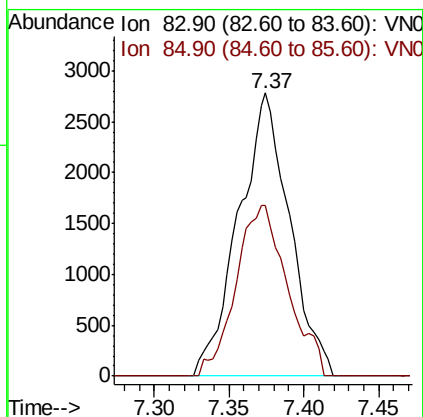
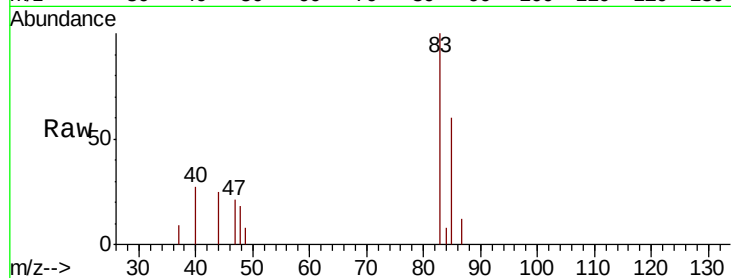




#30
Chloroform
Concen: 0.661 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

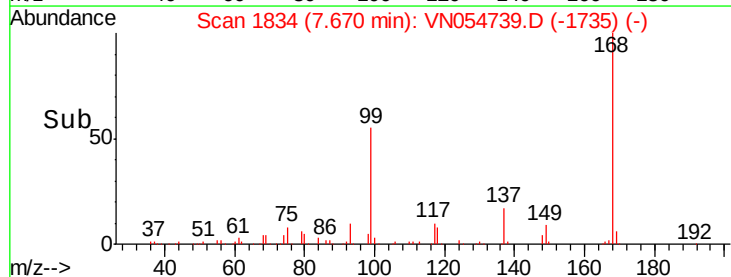
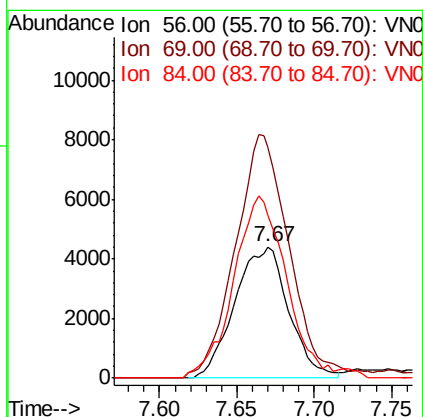
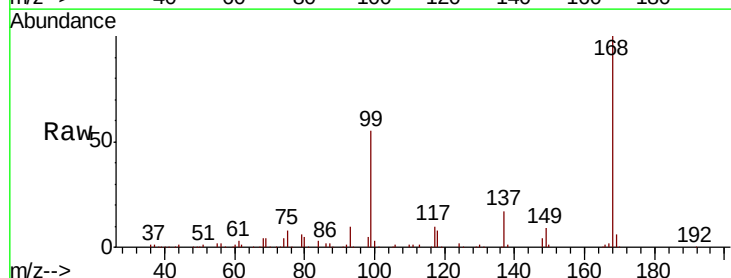
Instrument :
MSVOA_N
ClientSampled :
TP-9

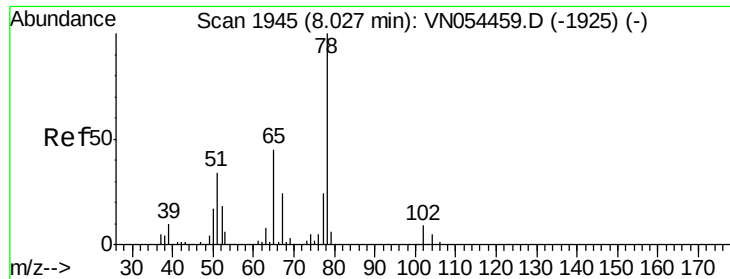
Tot Ion: 83 Resp: 6585
Ion Ratio Lower Upper
83 100
85 60.3 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

Tgt Ion: 56 Resp: 10695
Ion Ratio Lower Upper
56 100
69 171.1 27.8 41.6#
84 119.7 74.6 111.8#

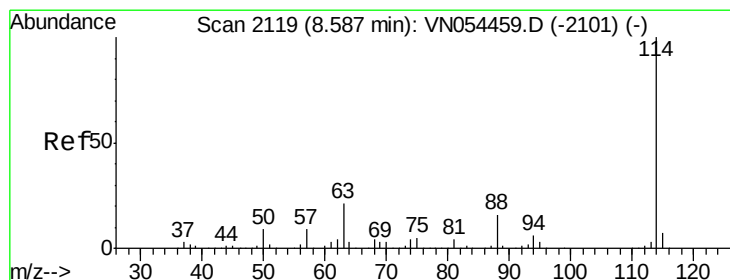
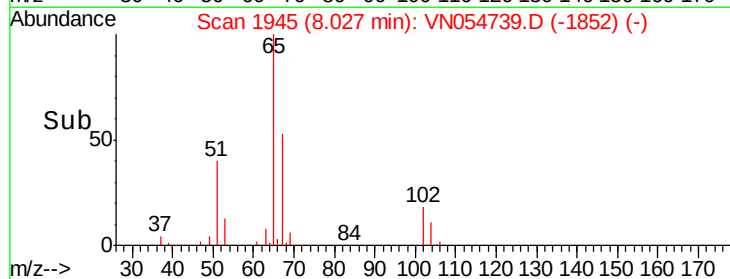
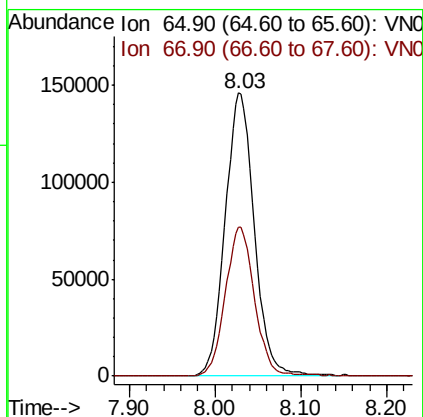
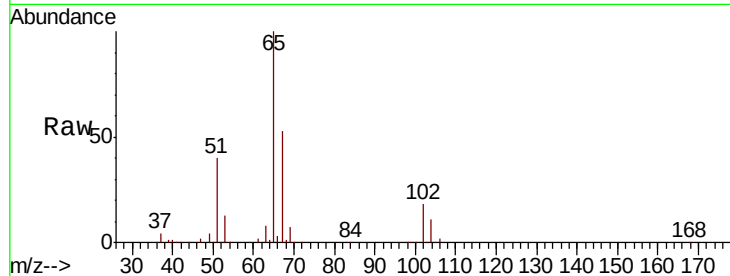




#33
 1,2-Dichloroethane-d4
 Concen: 52.247 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

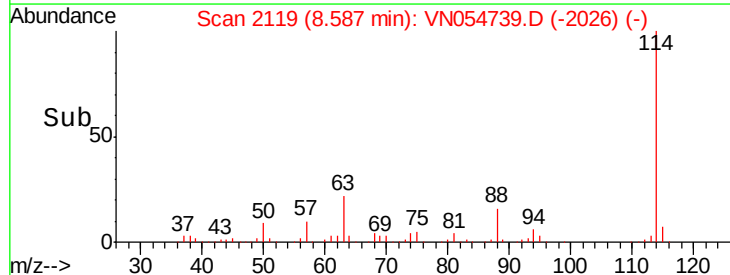
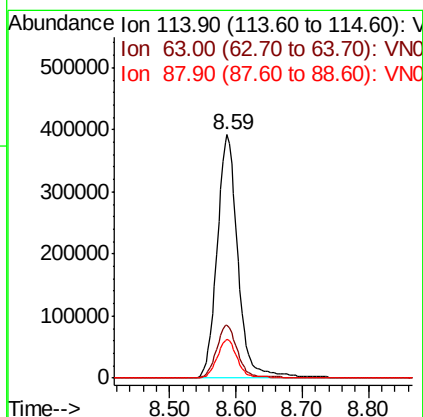
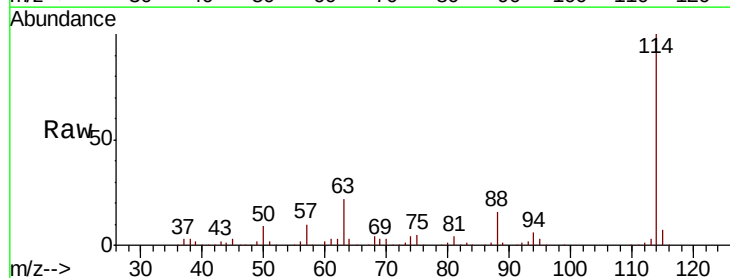
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

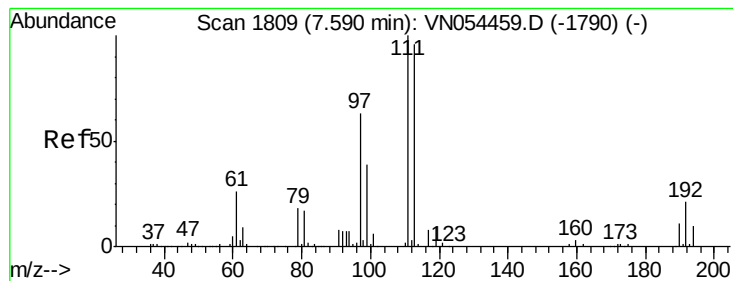
Tot Ion: 65 Resp: 343886
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Tgt Ion: 114 Resp: 854173
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.240 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

TP-9

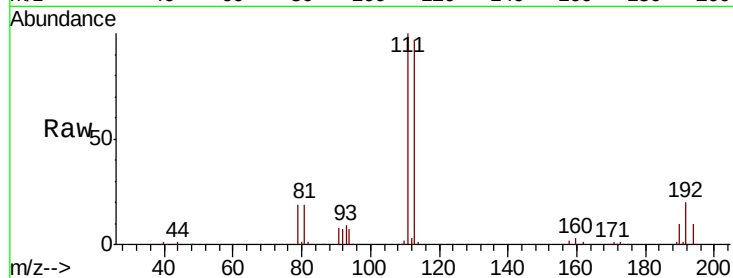
Tot Ion:113 Resp: 270969

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

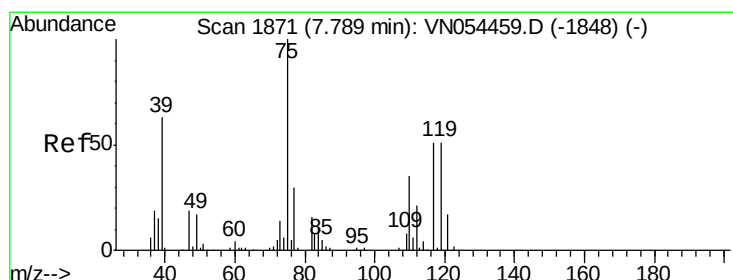
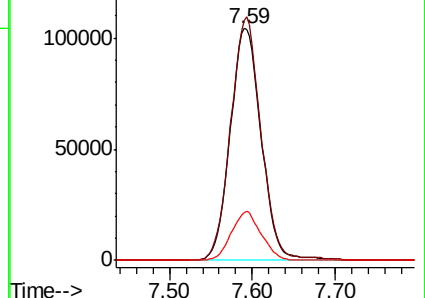
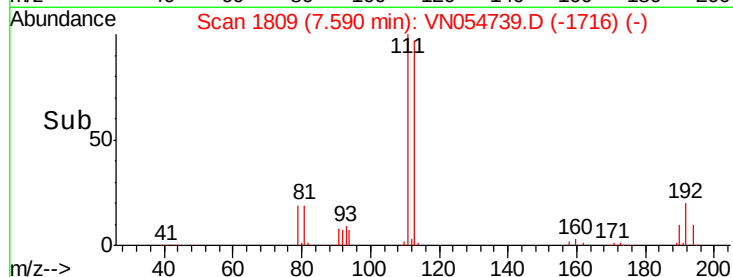
192 20.3 19.2 28.8



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: 5.122 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

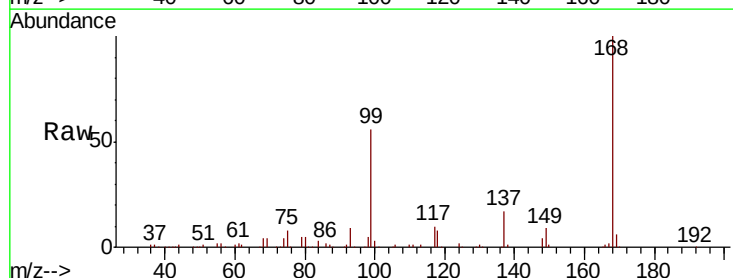
Tgt Ion: 75 Resp: 40905

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.5#

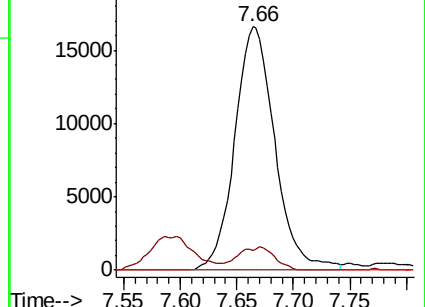
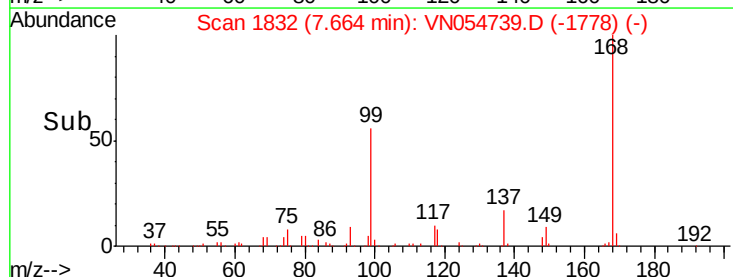
77 0.0 25.0 37.4#

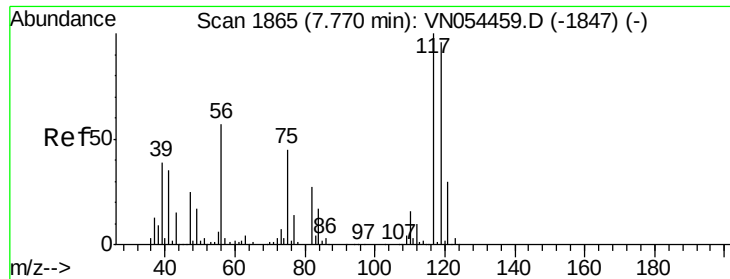


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

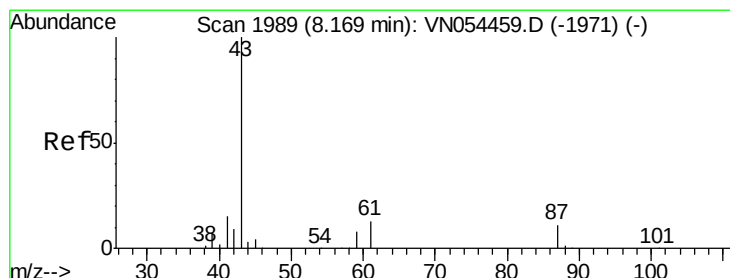
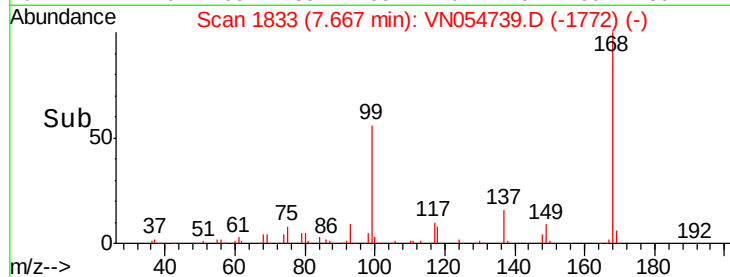
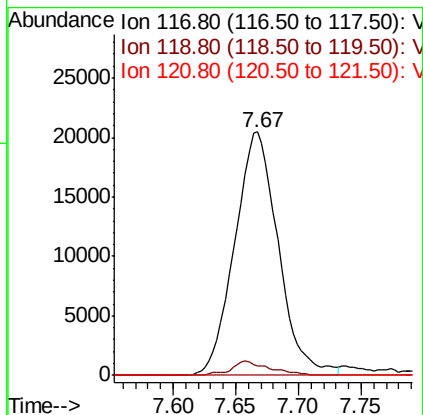
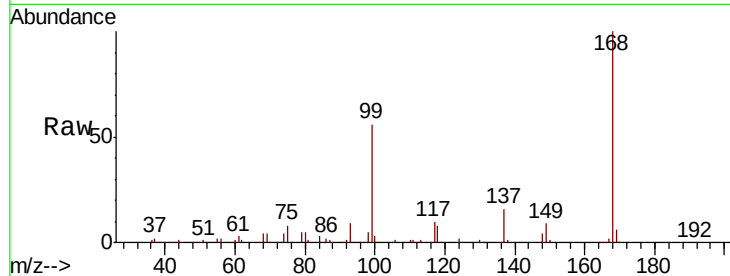




#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

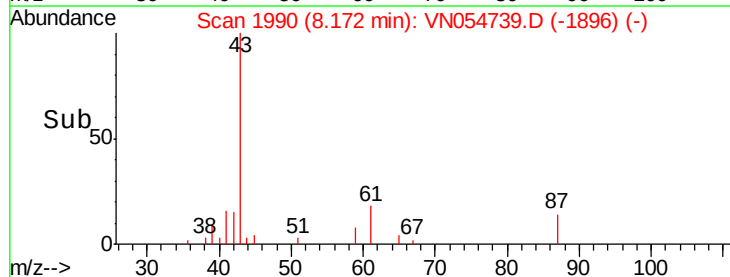
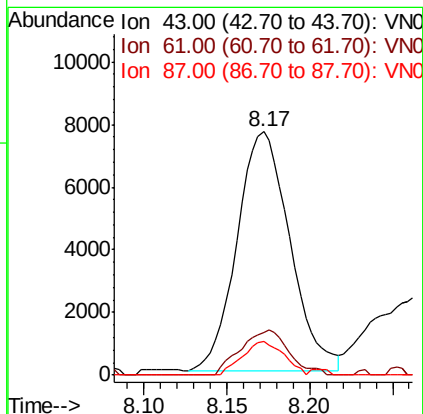
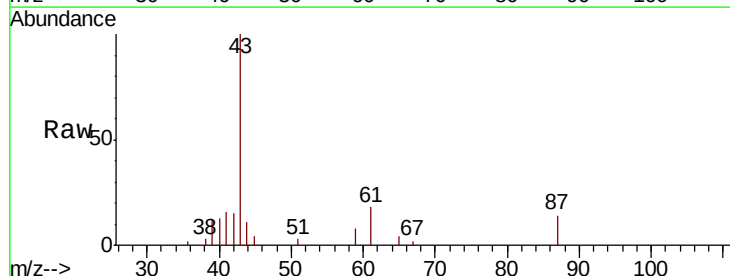
Instrument :
MSVOA_N
ClientSampled :
TP-9

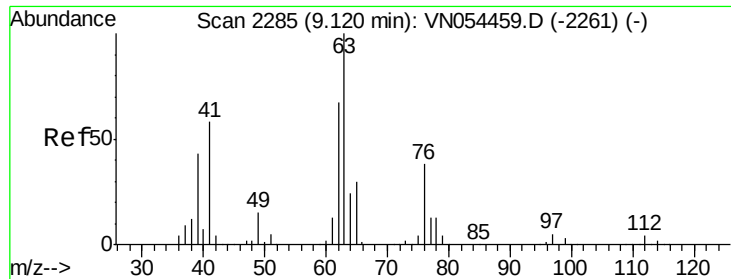
Tot Ion:117 Resp: 49421
Ion Ratio Lower Upper
117 100
119 3.8 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 1.764 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

Tgt Ion: 43 Resp: 16926
Ion Ratio Lower Upper
43 100
61 17.2 15.8 23.8
87 10.9 12.0 18.0#

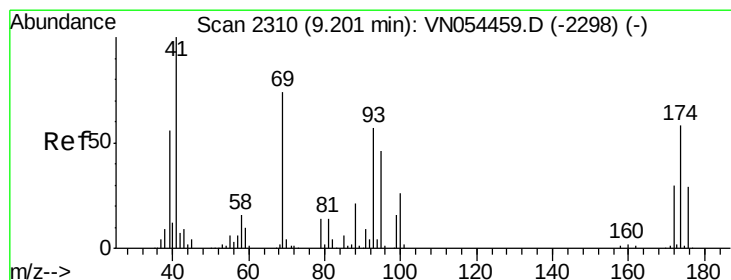
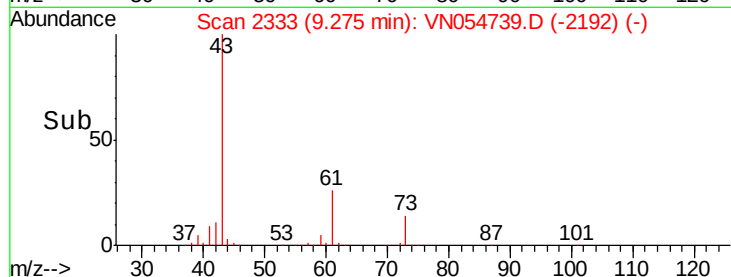
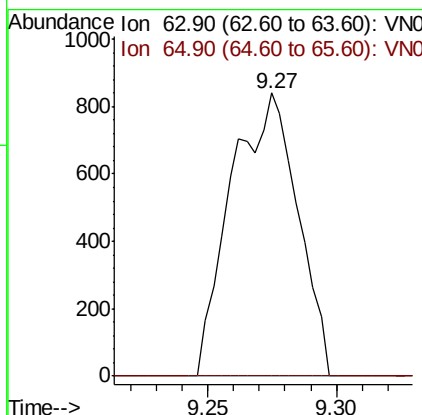
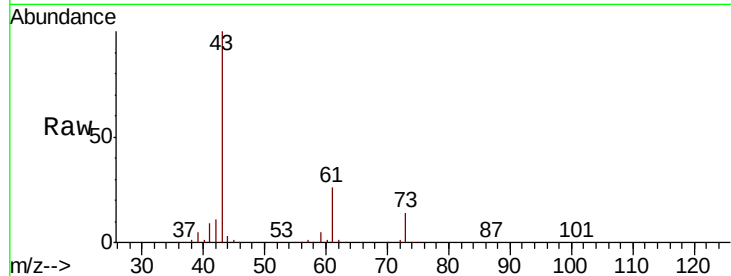




#45
 1,2-Dichloropropane
 Concen: 0.247 ug/l
 RT: 9.27 min Scan# 2333
 Delta R.T. 0.15 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

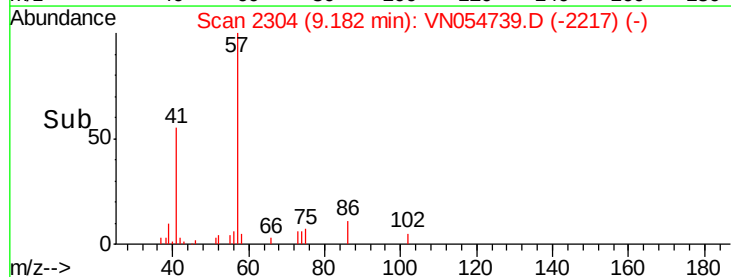
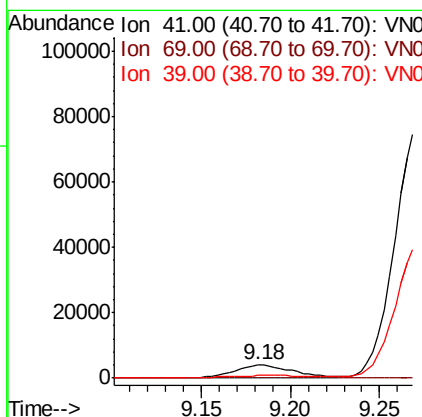
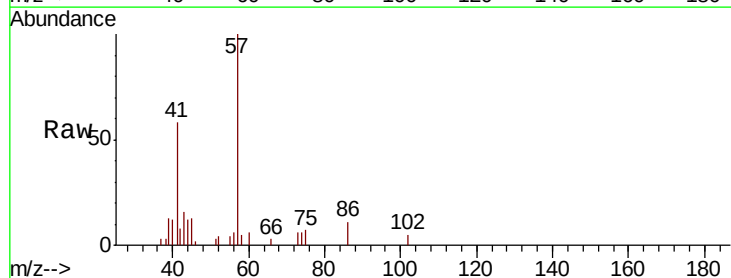
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

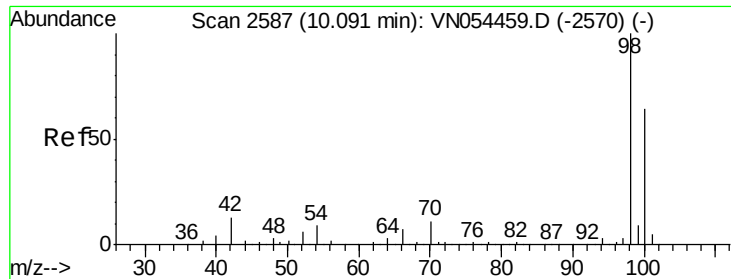
Tot Ion: 63 Resp: 1513
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.774 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Tgt Ion: 41 Resp: 9238
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 108.8#
 39 0.0 47.5 71.3#

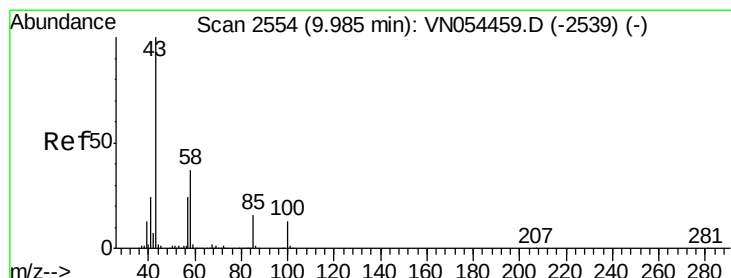
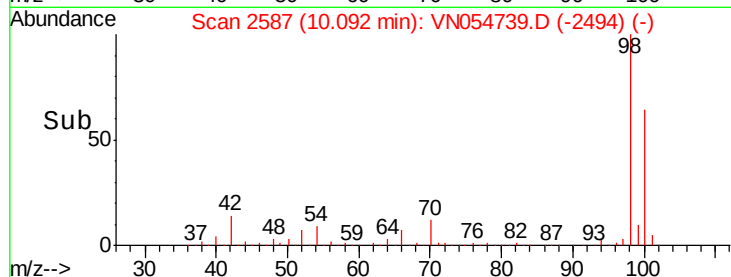
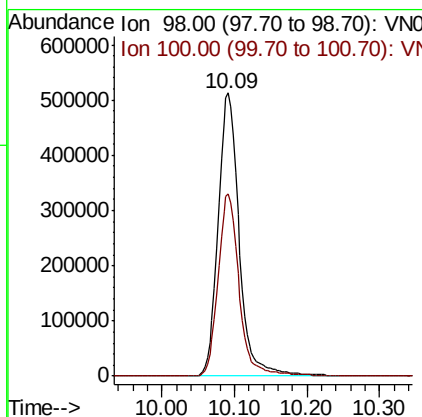
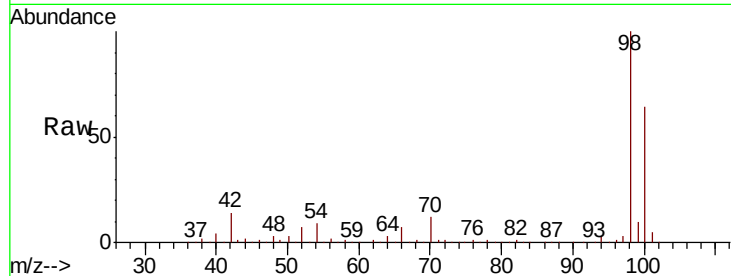




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

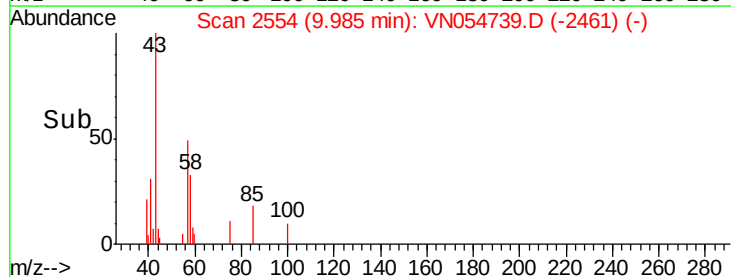
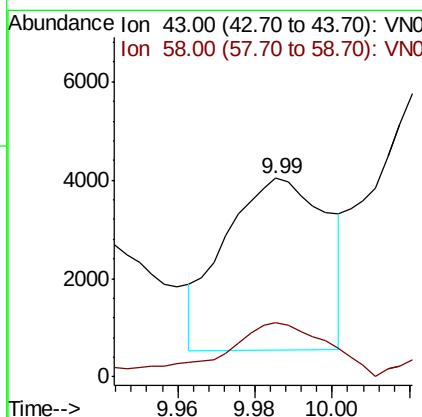
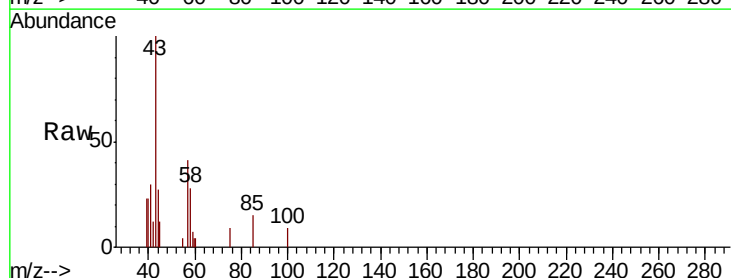
Instrument :
MSVOA_N
ClientSampled :
TP-9

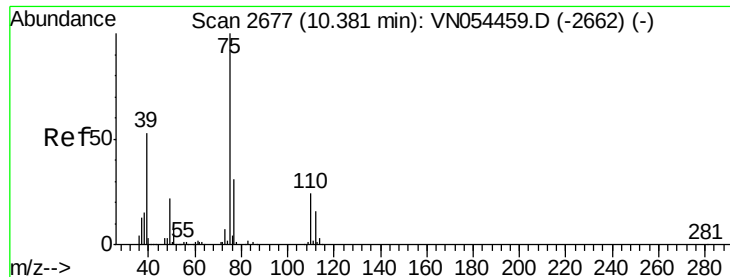
Tot Ion: 98 Resp: 1034146
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.208 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054739.D
Acq: 28 Mar 2019 12:54

Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
58 32.0 31.8 47.6





#53

t-1,3-Dichloropropene

Concen: 2.254 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

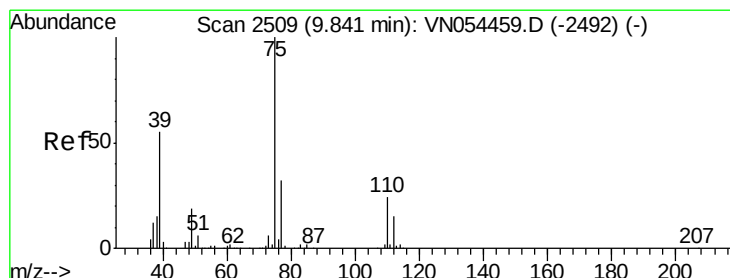
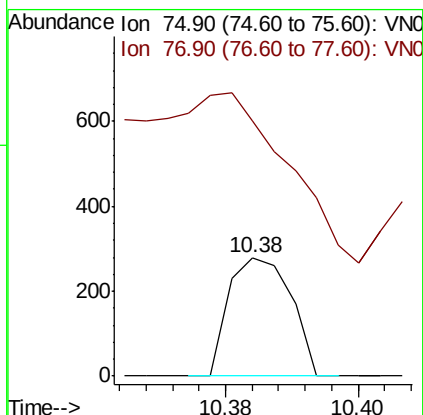
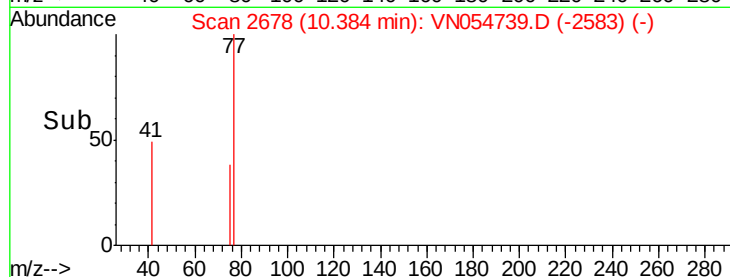
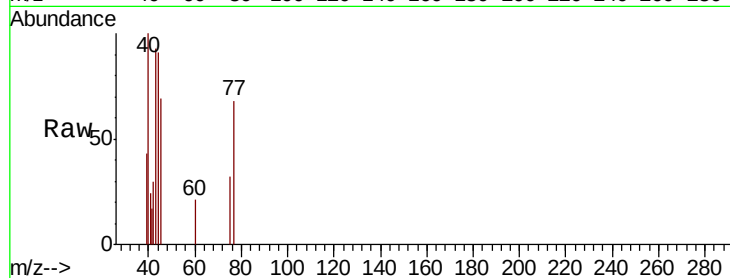
TP-9

Tot Ion: 75 Resp: 182

Ion Ratio Lower Upper

75 100

77 105.0 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 6.713 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

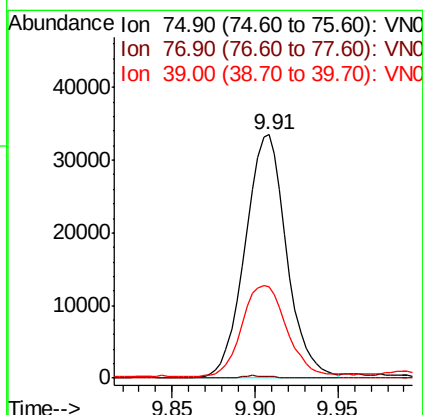
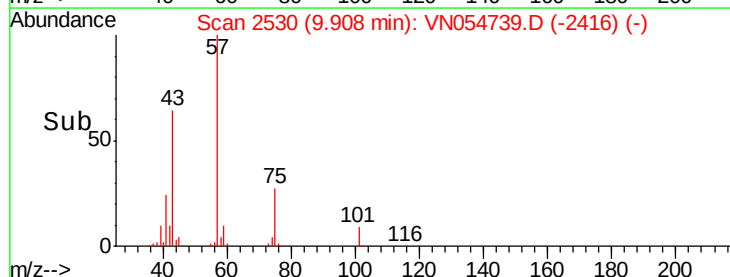
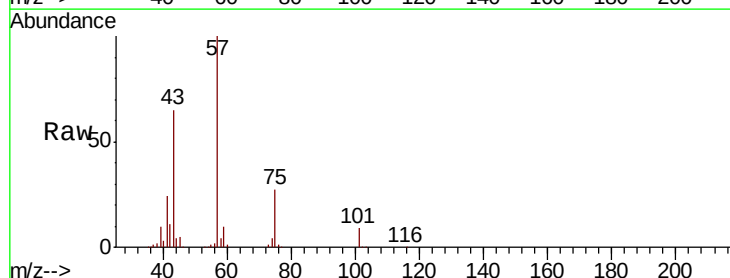
Tgt Ion: 75 Resp: 58440

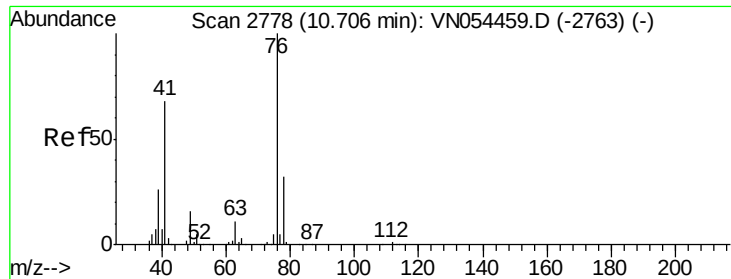
Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

39 36.9 37.2 55.8#

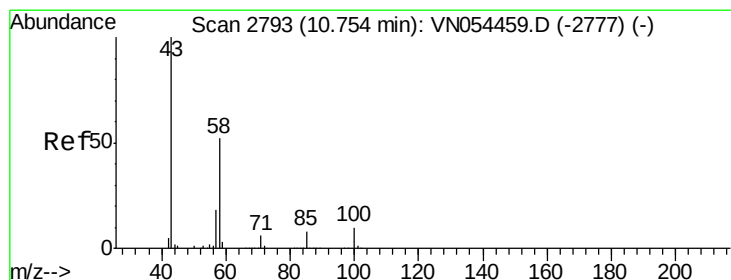
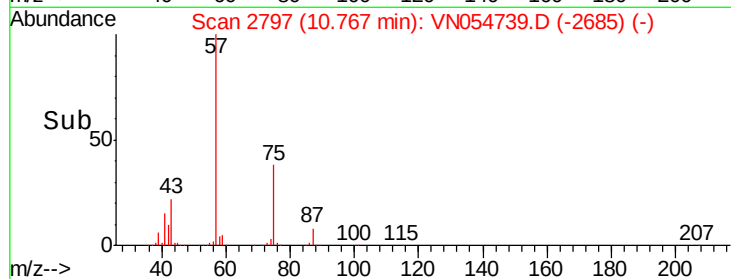
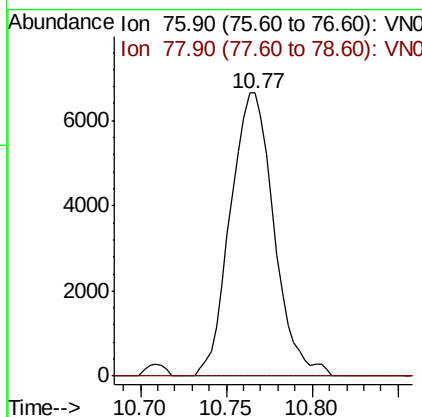
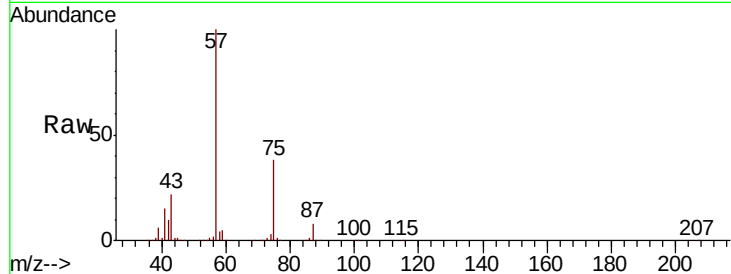




#57
 1,3-Dichloropropane
 Concen: 1.336 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

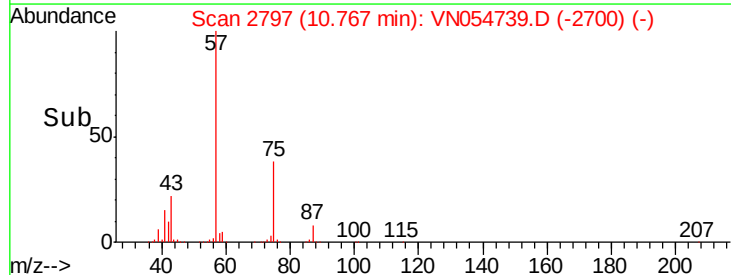
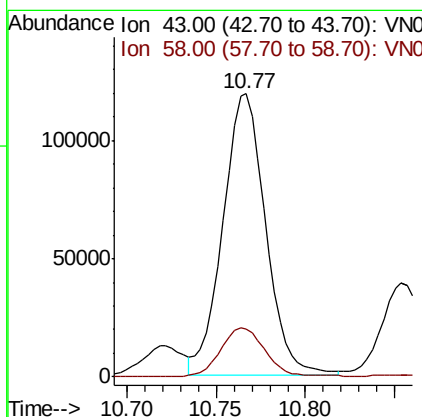
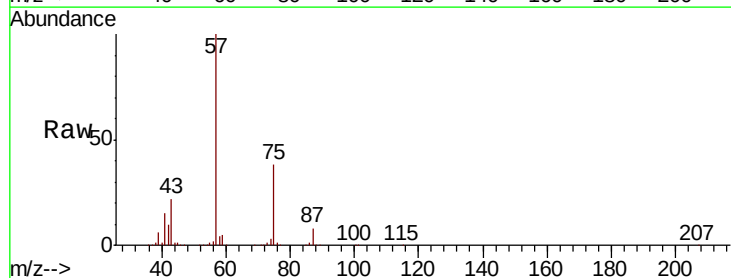
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

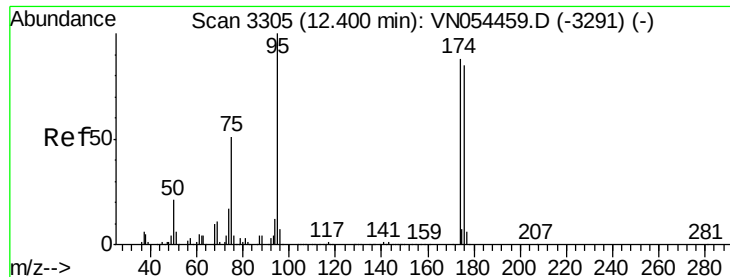
Tot Ion: 76 Resp: 11727
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 57.315 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Tgt Ion: 43 Resp: 199043
 Ion Ratio Lower Upper
 43 100
 58 18.4 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 45.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

TP-9

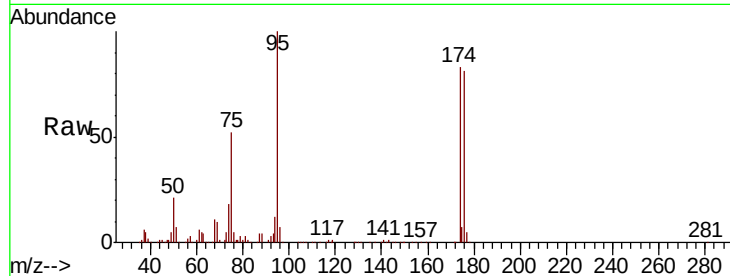
Tot Ion: 95 Resp: 320135

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

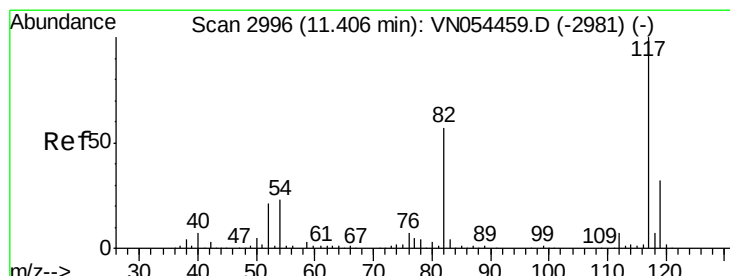
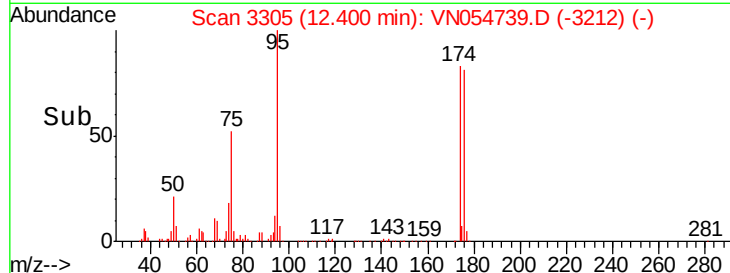
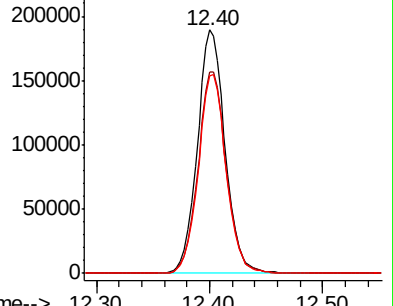
176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054739.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054739.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054739.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

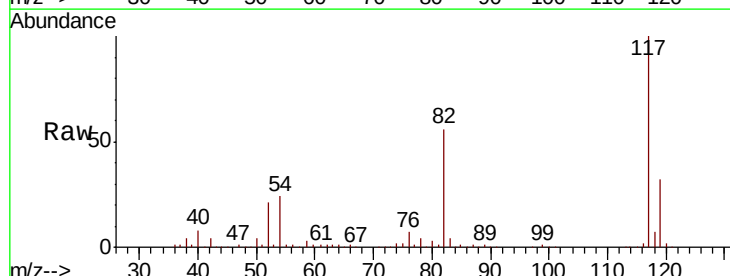
Tgt Ion: 117 Resp: 735645

Ion Ratio Lower Upper

117 100

82 55.6 40.0 60.0

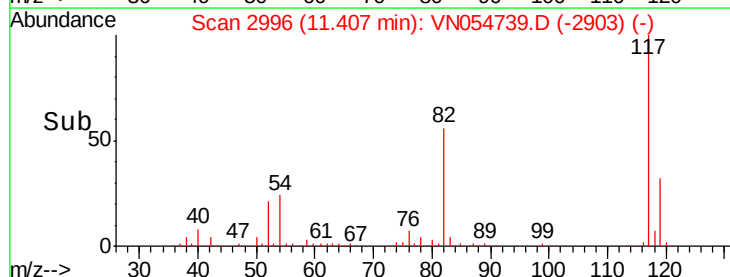
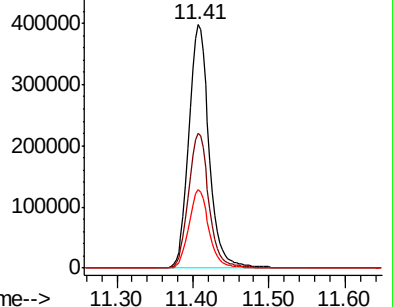
119 32.3 25.8 38.6

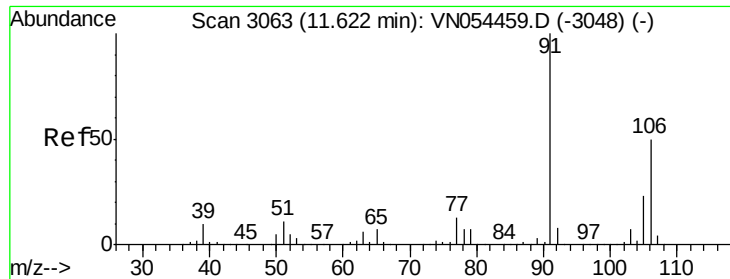


Abundance Ion 116.90 (116.60 to 117.60): VN054739.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054739.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054739.D (-2903) (-)





#68

m/p-Xylenes

Concen: 0.215 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

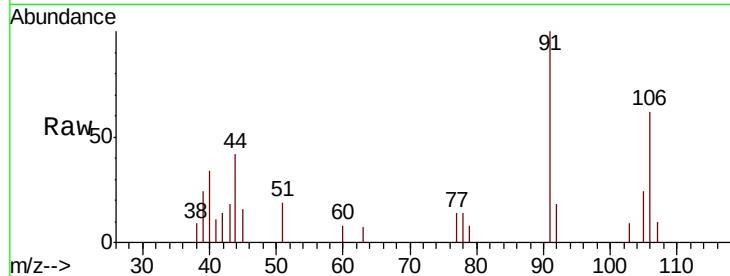
TP-9

Tot Ion:106 Resp: 2155

Ion Ratio Lower Upper

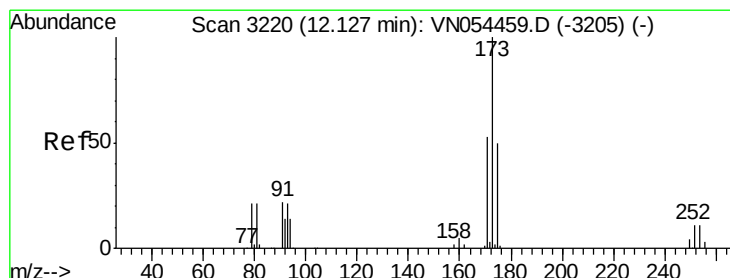
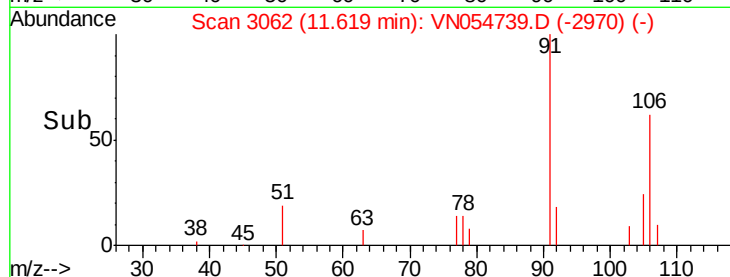
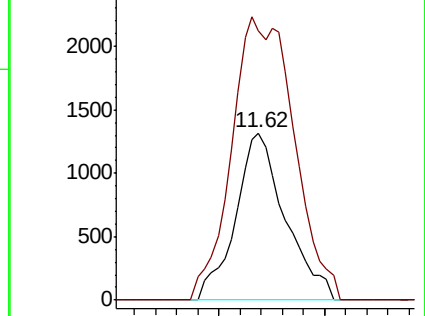
106 100

91 212.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 2.266 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.26 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

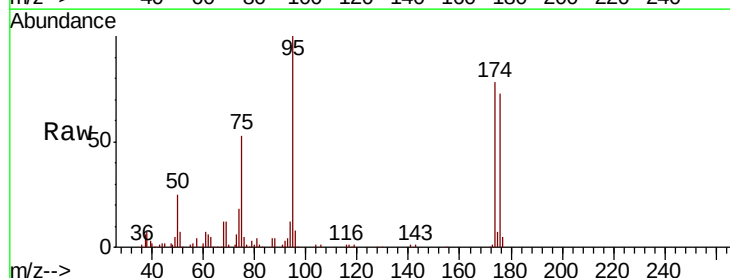
Tgt Ion:173 Resp: 176

Ion Ratio Lower Upper

173 100

175 9994.3 24.4 73.2#

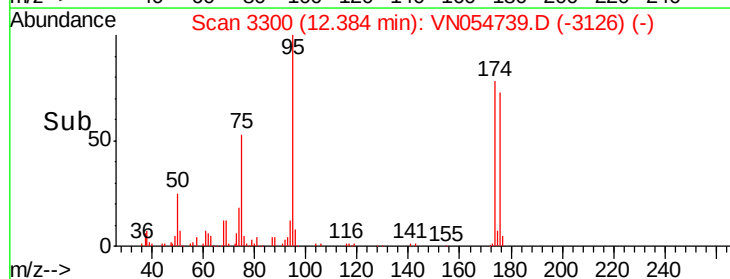
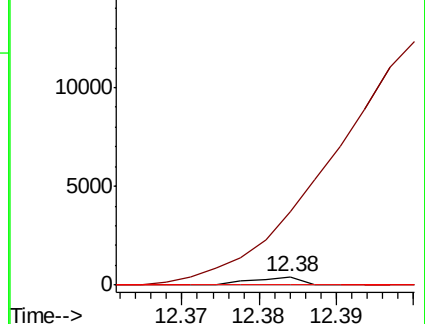
254 0.0 0.1 0.1#

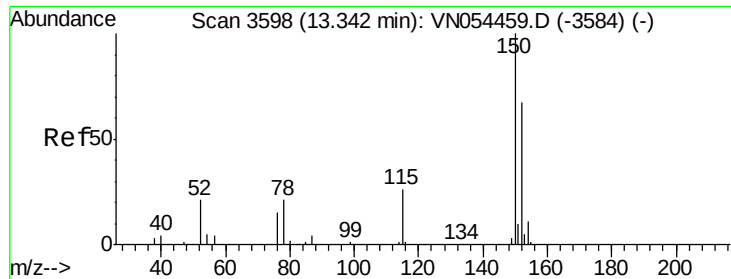


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

TP-9

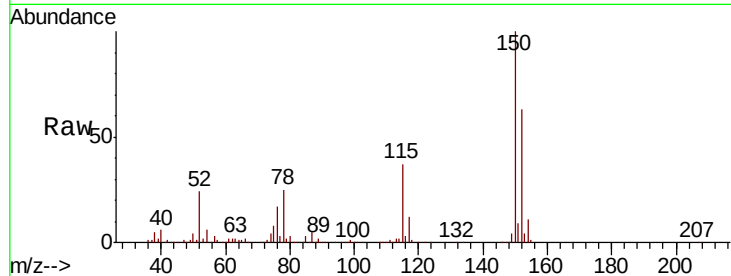
Tot Ion:152 Resp: 266610

Ion Ratio Lower Upper

152 100

115 58.9 27.2 81.6

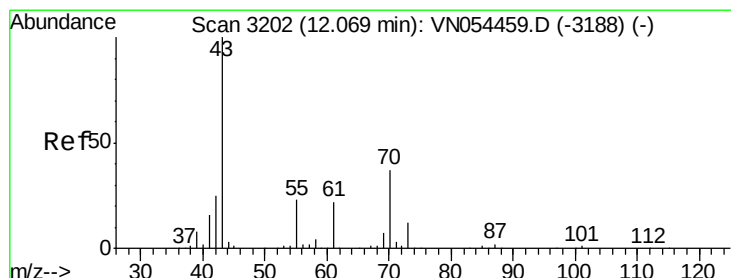
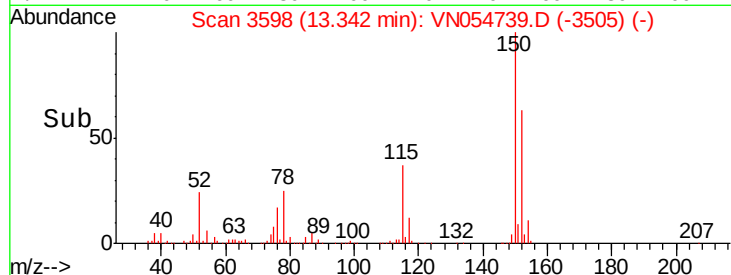
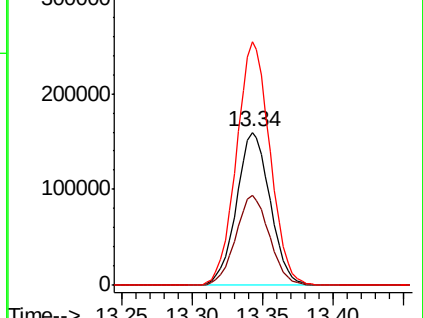
150 159.0 0.0 349.2



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: 0.275 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Tgt Ion: 43 Resp: 1696

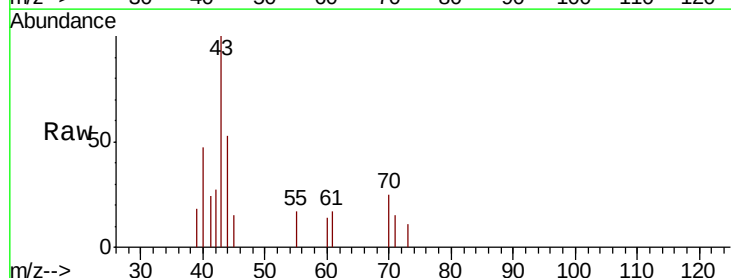
Ion Ratio Lower Upper

43 100

70 27.9 35.4 53.0#

55 30.5 19.8 29.6#

61 25.2 19.8 29.6

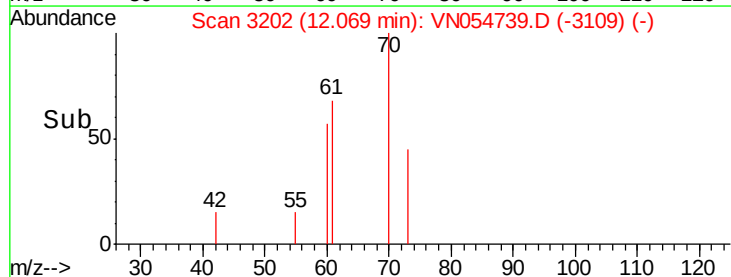
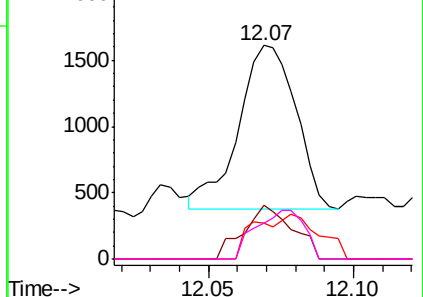


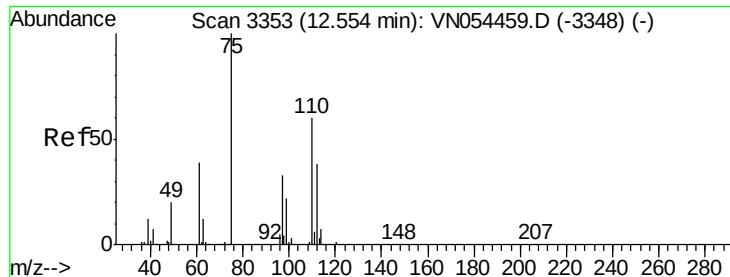
Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 39.552 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

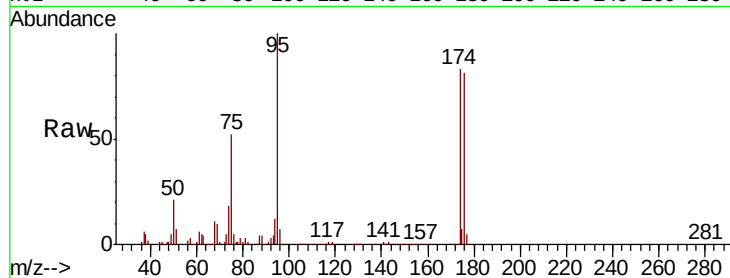
TP-9

Tot Ion: 75 Resp: 167334

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-3348) (-)

12.40

100000

80000

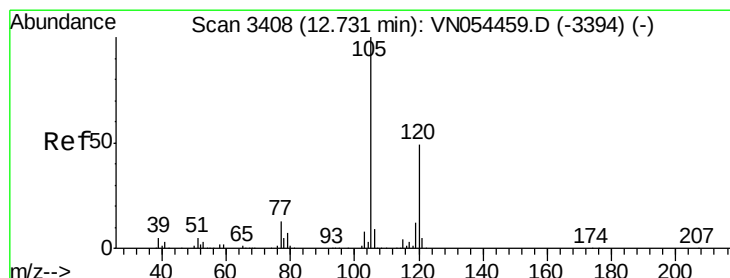
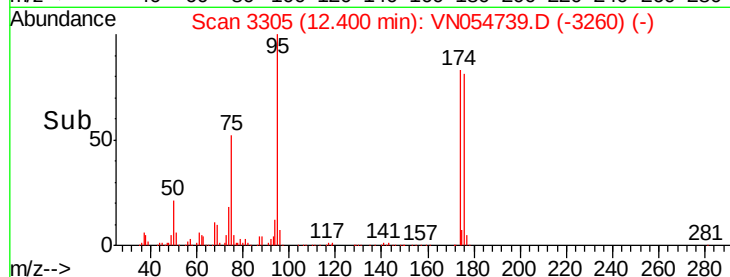
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.438 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054739.D

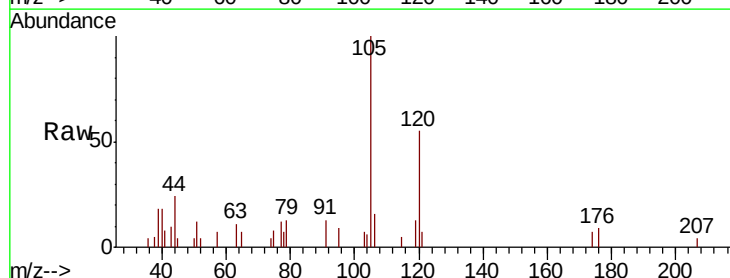
Acq: 28 Mar 2019 12:54

Tgt Ion: 105 Resp: 7704

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054459.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054459.D (-3394) (-)

12.73

5000

4000

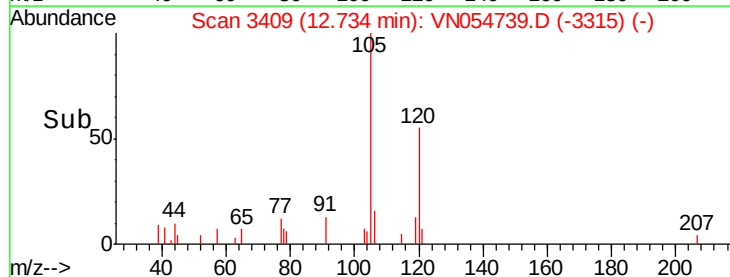
3000

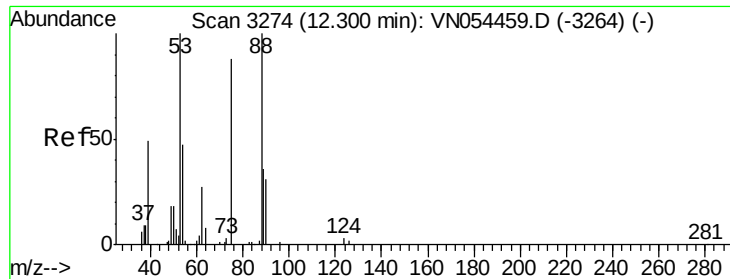
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 130.873 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

TP-9

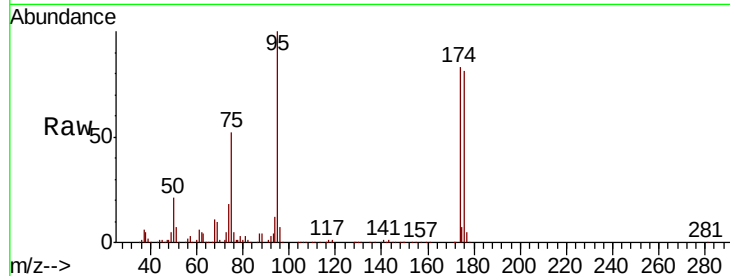
Tot Ion: 75 Resp: 167334

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

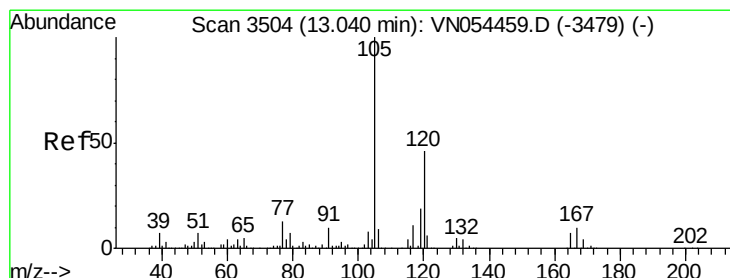
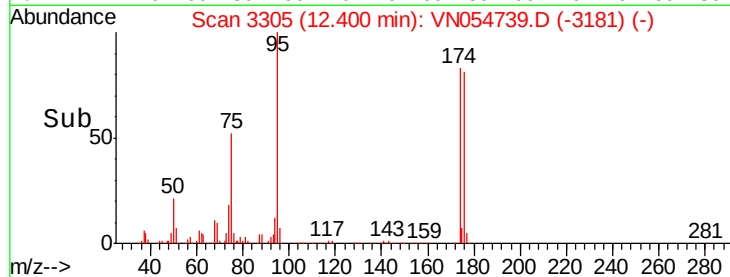
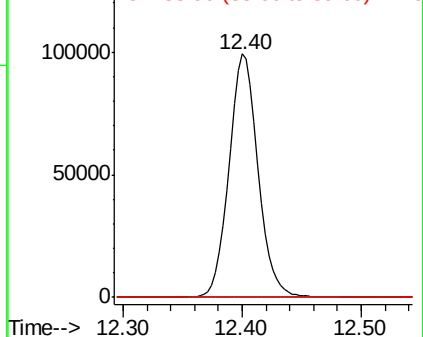
89 0.0 39.2 58.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.477 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054739.D

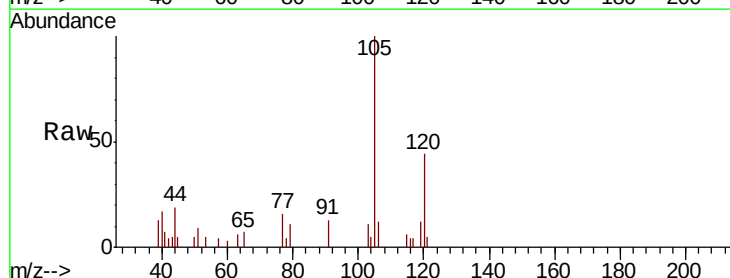
Acq: 28 Mar 2019 12:54

Tgt Ion: 105 Resp: 8242

Ion Ratio Lower Upper

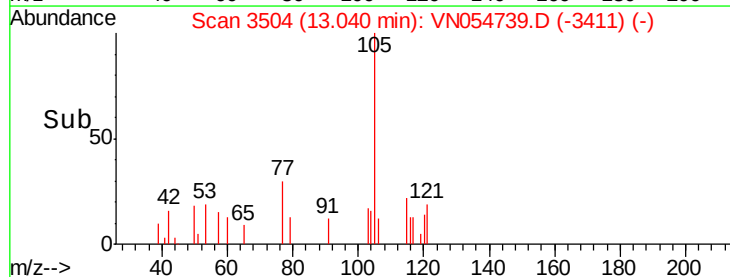
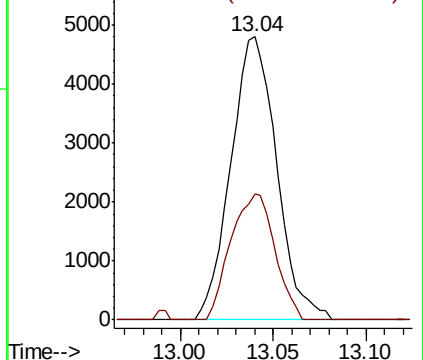
105 100

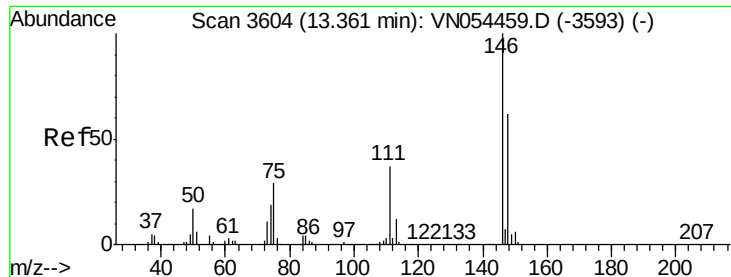
120 42.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

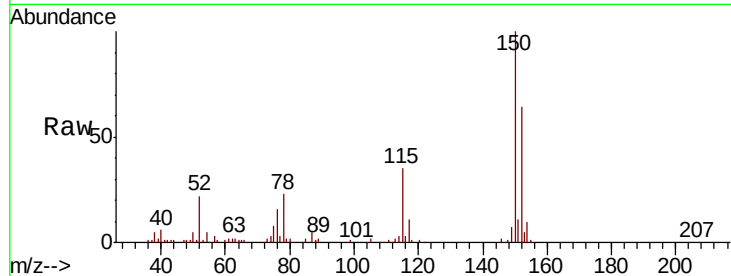




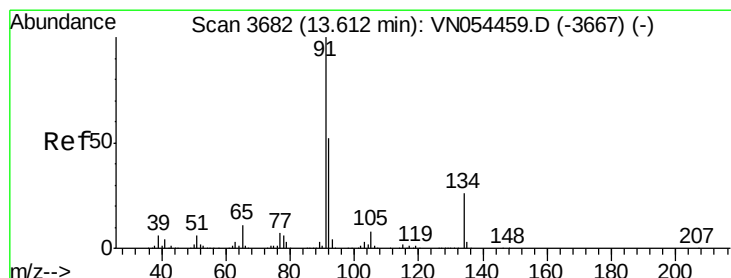
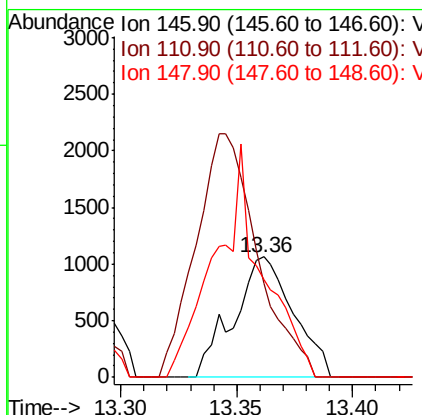
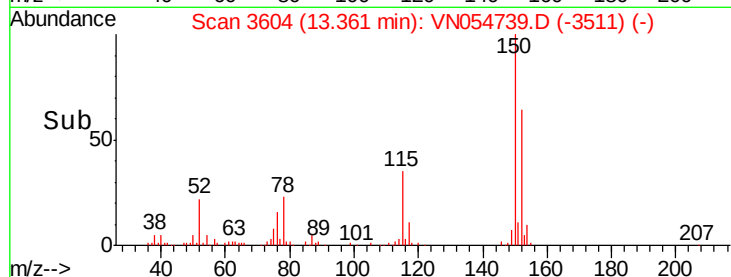
#88
 1,4-Dichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 TP-9

Tot Ion:146 Resp: 1907
 Ion Ratio Lower Upper
 146 100
 111 208.3 18.1 54.1#
 148 149.8 32.0 96.0#

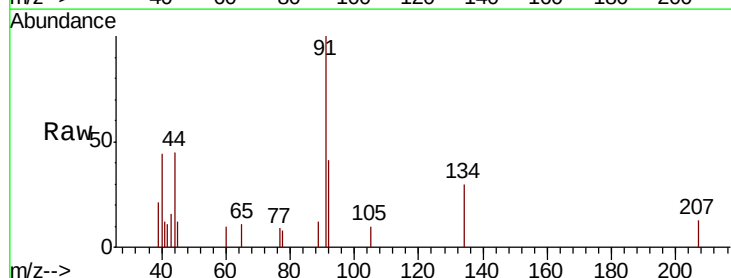


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

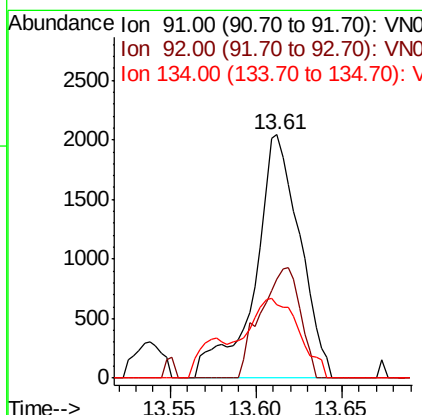
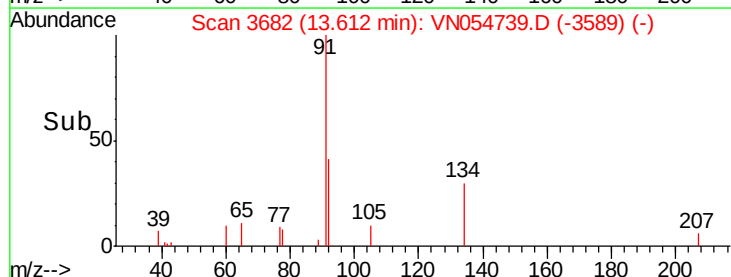


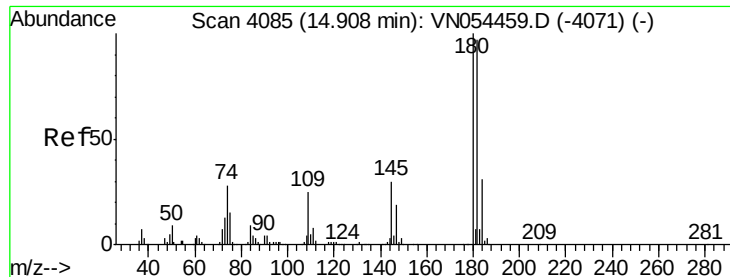
#89
 n-Butylbenzene
 Concen: 0.277 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Tgt Ion: 91 Resp: 3707
 Ion Ratio Lower Upper
 91 100
 92 39.8 26.2 78.6
 134 34.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V

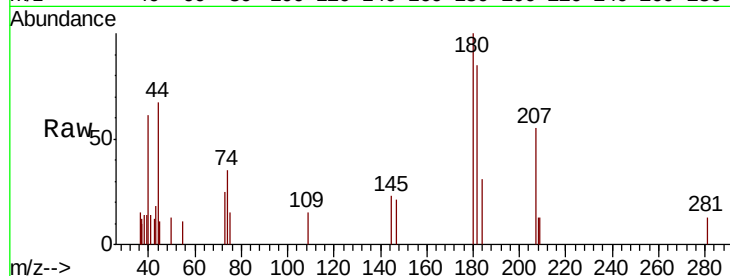




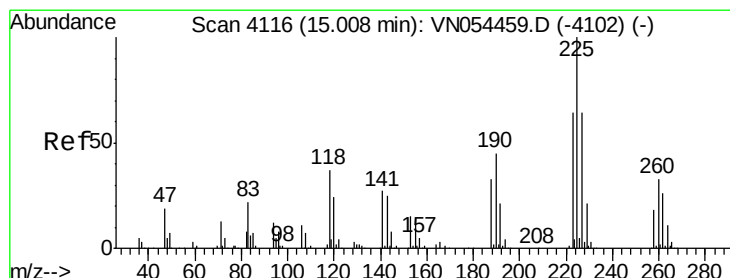
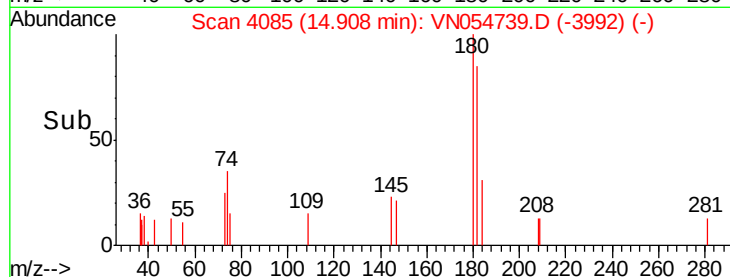
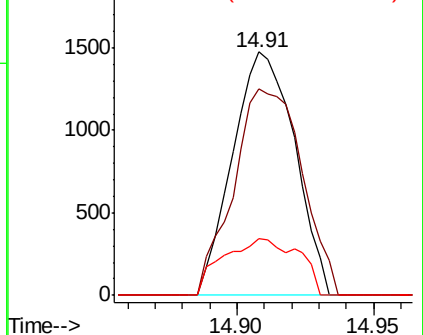
#93
 1,2,4-Trichlorobenzene
 Concen: 0.546 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Tot Ion:180 Resp: 2328
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.0 144.2
 145 28.2 14.2 42.8

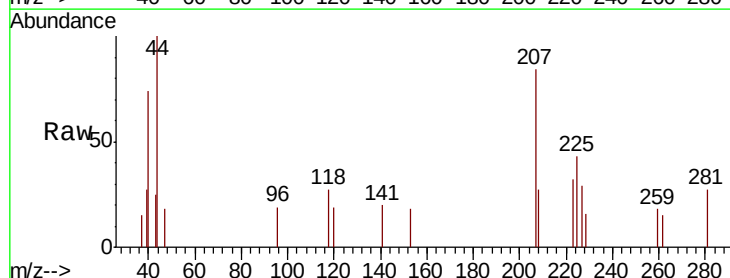


Abundance Ion 179.80 (179.50 to 180.50): V
 2000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

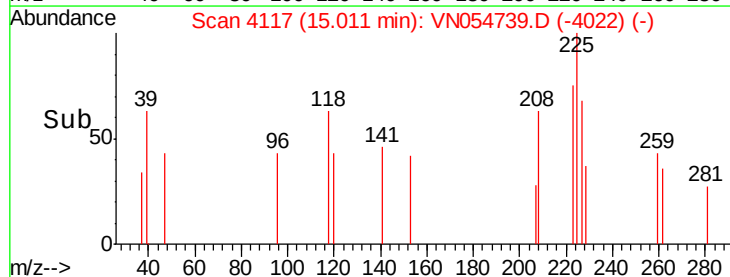
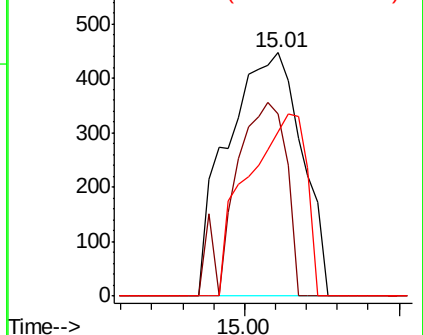


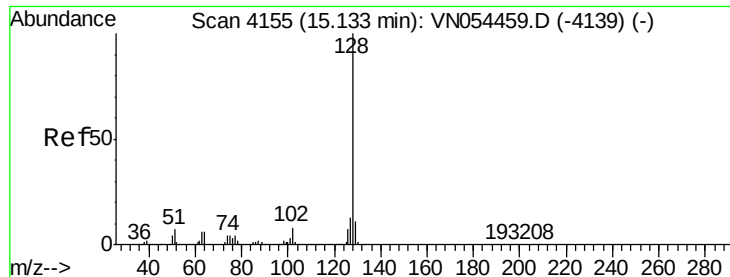
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054739.D
 Acq: 28 Mar 2019 12:54

Tgt Ion:225 Resp: 746
 Ion Ratio Lower Upper
 225 100
 223 55.1 31.1 93.5
 227 59.8 31.9 95.9



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





#95

Naphthalene

Concen: 1.514 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

Instrument :

MSVOA_N

ClientSampled :

TP-9

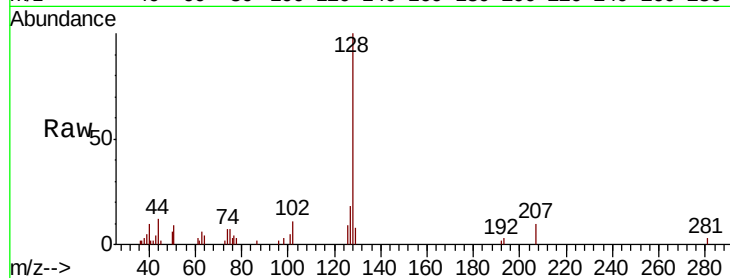
Tot Ion:128 Resp: 14394

Ion Ratio Lower Upper

128 100

127 15.4 10.1 15.1#

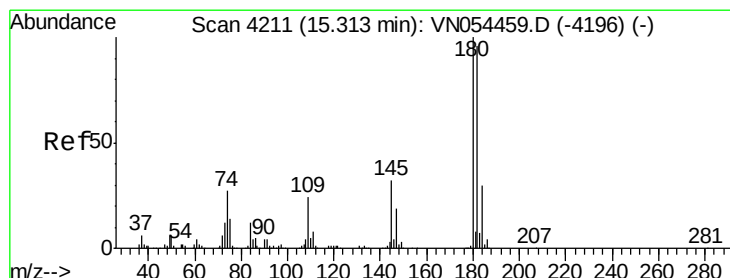
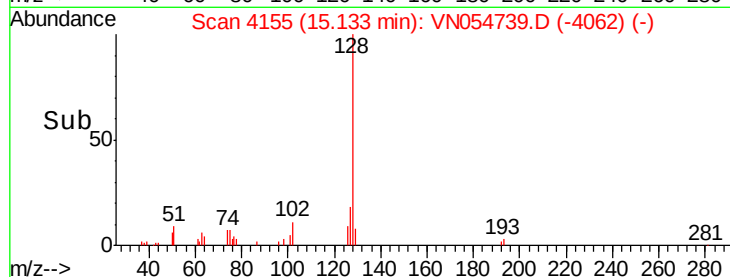
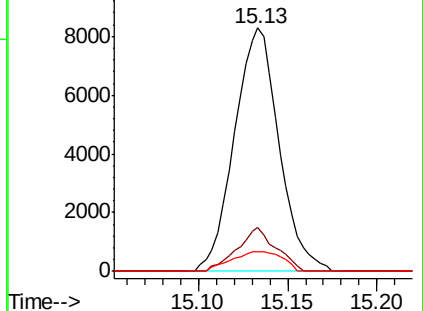
129 9.3 8.7 13.1



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: 0.596 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054739.D

Acq: 28 Mar 2019 12:54

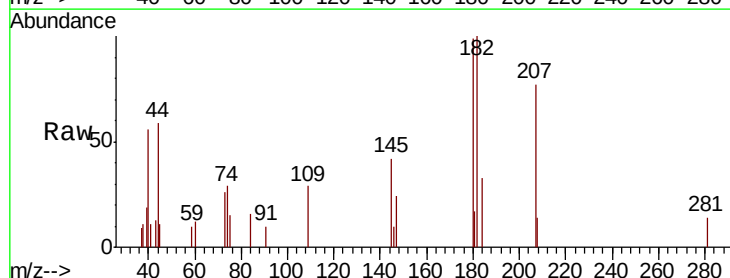
Tgt Ion:180 Resp: 2529

Ion Ratio Lower Upper

180 100

182 113.4 47.5 142.6

145 40.1 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

