

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054746.D
 Acq On : 28 Mar 2019 15:58
 Operator : JC/SP
 Sample : K2112-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

Quant Time: Mar 29 05:04:17 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	528668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	861077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	292222	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	344160	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
35) Dibromofluoromethane	7.59	113	273584	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.09	98	1041871	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	335714	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	1463	0.454	ug/l #	30
13) Acrolein	3.61	56	113	0.206	ug/l #	1
14) Allyl chloride	4.55	41	22891	2.384	ug/l #	22
16) Acetone	3.82	43	11922	6.030	ug/l #	74
18) Methyl Acetate	4.34	43	4362	0.990	ug/l #	79
20) Methylene Chloride	4.55	84	443376	76.079	ug/l #	80
24) 1,1-Dichloroethane	5.84	63	4159	0.408	ug/l	97
25) 2-Butanone	6.86	43	2753	1.087	ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	33553	5.403	ug/l	94
29) Tetrahydrofuran	7.23	42	1102	0.671	ug/l #	57
30) Chloroform	7.37	83	15014	1.509	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	4659	0.567	ug/l #	41
36) 1,1-Dichloropropene	7.67	75	40267	5.001	ug/l #	46
38) Carbon Tetrachloride	7.67	117	49394	6.313	ug/l #	16
39) Methylcyclohexane	9.05	83	6007	0.652	ug/l #	4
40) Benzene	8.04	78	15573	0.676	ug/l	91
43) Isopropyl Acetate	8.16	43	15766	1.630	ug/l #	85
44) Trichloroethene	8.83	130	116038	18.129	ug/l	92
48) Methyl methacrylate	9.18	41	4166	0.794	ug/l #	11
49) 1,4-Dioxane	9.27	88	63	1.074	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4783	0.892	ug/l #	84
53) t-1,3-Dichloropropene	10.36	75	31	2.236	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	46772	5.329	ug/l #	71
55) 1,1,2-Trichloroethane	10.53	97	17730	3.483	ug/l #	19
56) Ethyl methacrylate	10.44	69	9584	1.403	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9636	1.089	ug/l #	43
59) 2-Hexanone	10.76	43	149972	42.839	ug/l #	48
60) Dibromochloromethane	10.63	129	42157	7.783	ug/l #	11
64) Tetrachloroethene	10.63	164	47634	7.822	ug/l	96
68) m/p-Xylenes	11.63	106	2343	0.235	ug/l	87
71) Bromoform	12.39	173	249	2.285	ug/l #	1
73) Isopropylbenzene	12.25	105	60180	2.556	ug/l	98
74) N-amyl acetate	12.04	43	2473	0.365	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.50	83	4042	0.752	ug/l #	90

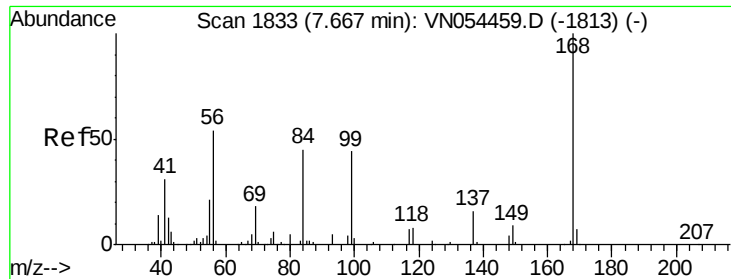
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.40	75	171701	37.028	ug/l #	100
78) n-propylbenzene	12.59	91	33686	1.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4132	0.214	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	171701	122.722	ug/l #	11
83) tert-Butylbenzene	12.99	119	13911	0.828	ug/l	88
84) 1,2,4-Trimethylbenzene	13.04	105	7016	0.370	ug/l	96
85) sec-Butylbenzene	13.17	105	42037	2.007	ug/l	83
86) p-Isopropyltoluene	13.29	119	4468	0.238	ug/l	98
89) n-Butylbenzene	13.59	91	3391	0.231	ug/l #	1
90) Hexachloroethane	13.89	117	12771	4.391	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1880	2.384	ug/l #	1
95) Naphthalene	15.13	128	11664	1.119	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

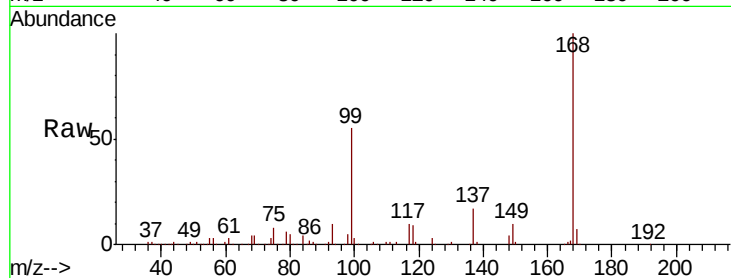
EPH-4-8-WC-002

Tot Ion:168 Resp: 528668

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

100000

50000

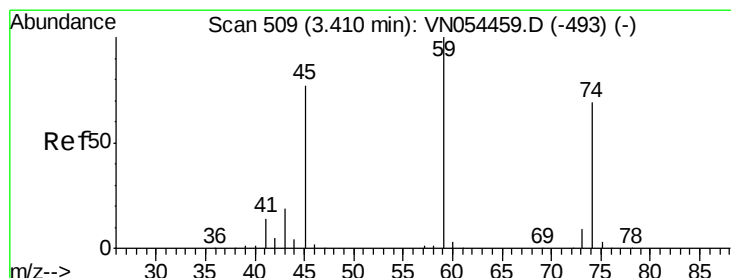
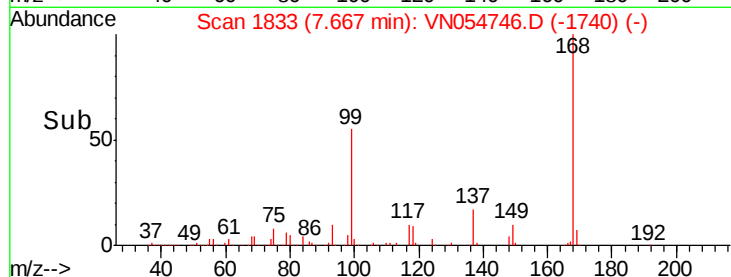
0

7.60

7.70

7.80

Time-->



#8

Diethyl Ether

Concen: 0.454 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN054746.D

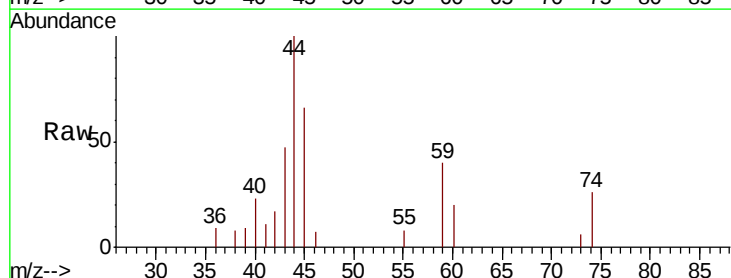
Acq: 28 Mar 2019 15:58

Tgt Ion: 74 Resp: 1463

Ion Ratio Lower Upper

74 100

45 150.9 43.1 129.4#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

2000

1500

1000

500

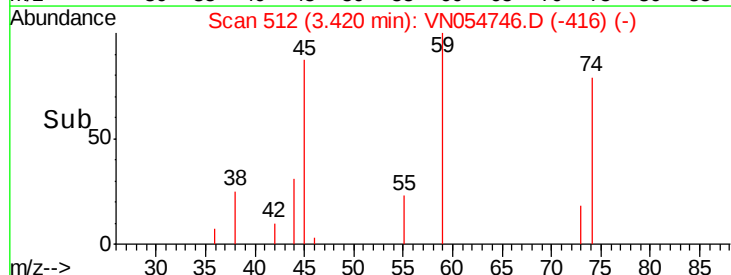
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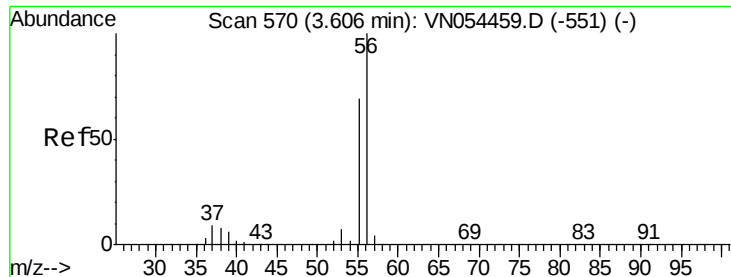
3.40

3.42

3.45

Time-->





#13

Acrolein

Concen: 0.206 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

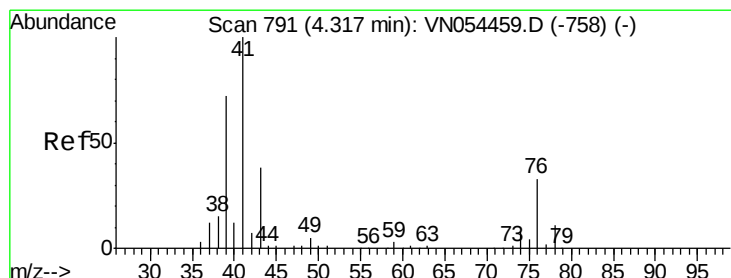
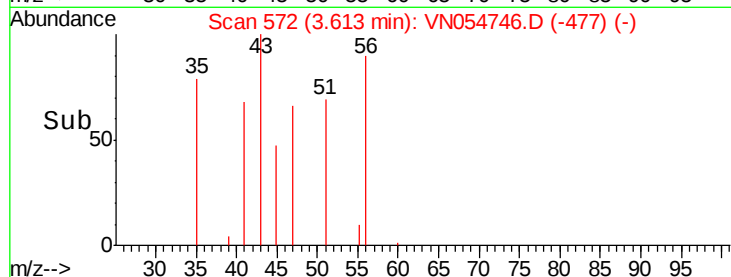
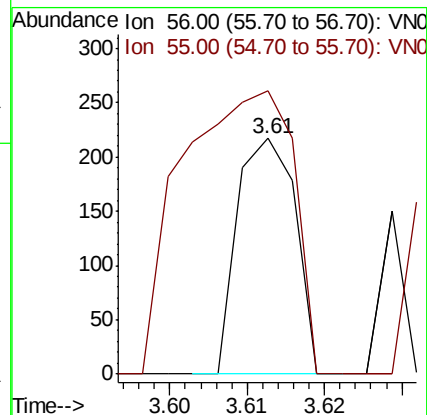
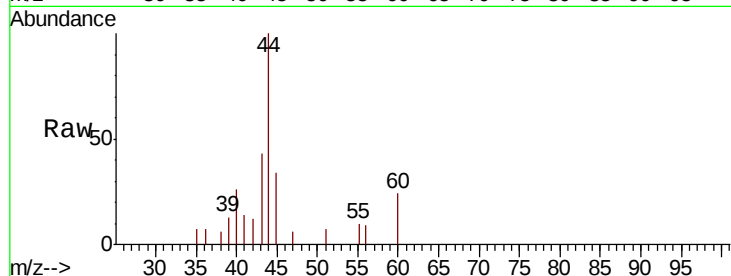
EPH-4-8-WC-002

Tot Ion: 56 Resp: 113

Ion Ratio Lower Upper

56 100

55 231.9 56.7 85.1#



#14

Allyl chloride

Concen: 2.384 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

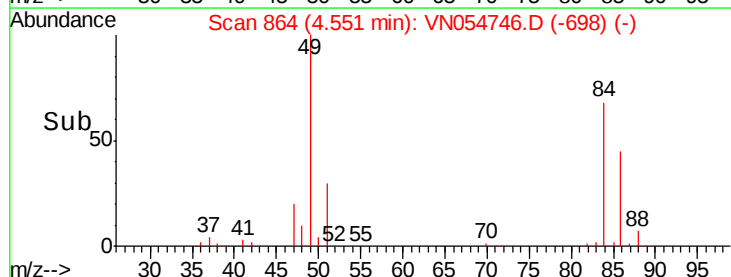
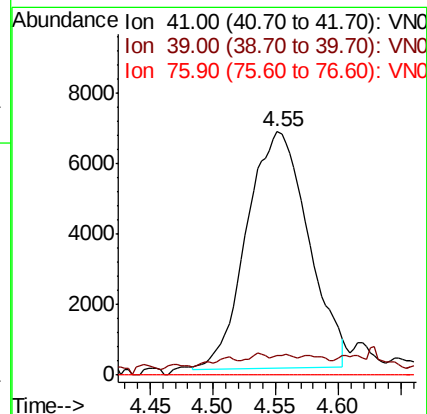
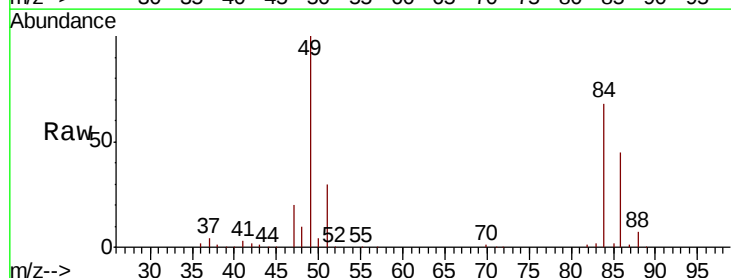
Tgt Ion: 41 Resp: 22891

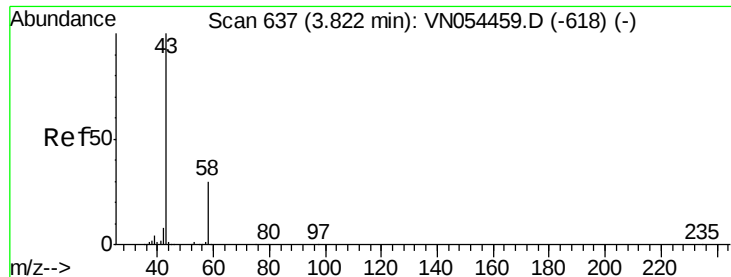
Ion Ratio Lower Upper

41 100

39 0.6 58.2 87.4#

76 0.0 31.7 47.5#

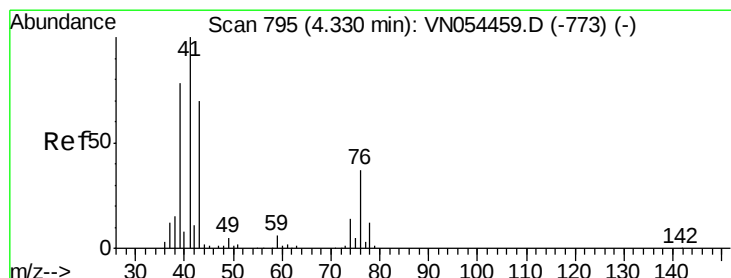
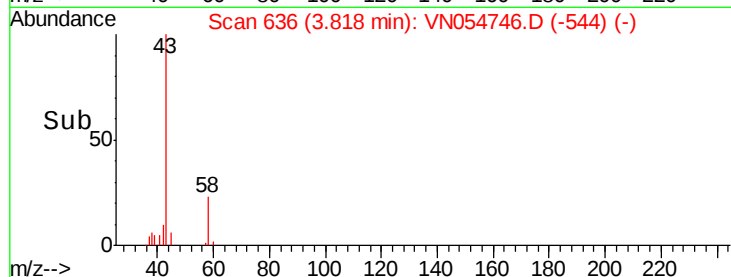
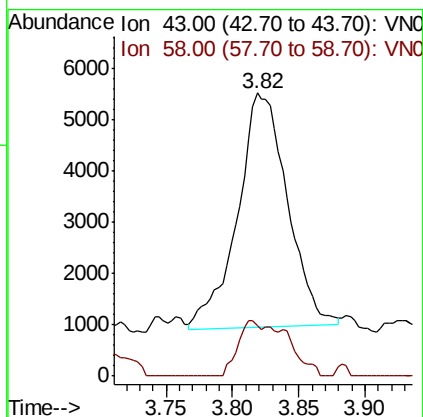
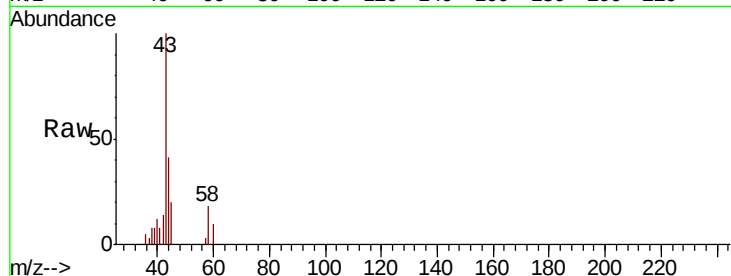




#16
Acetone
Concen: 6.030 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

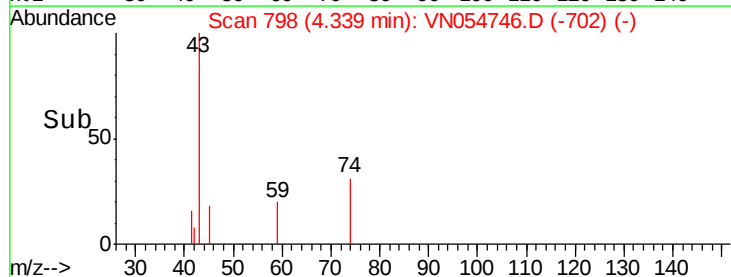
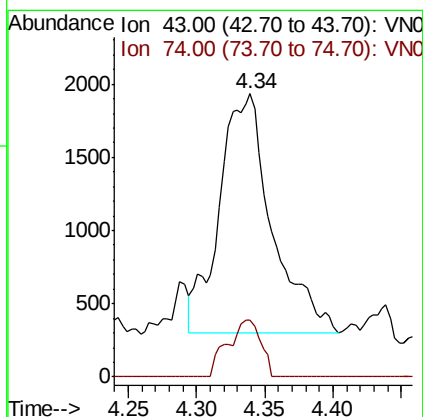
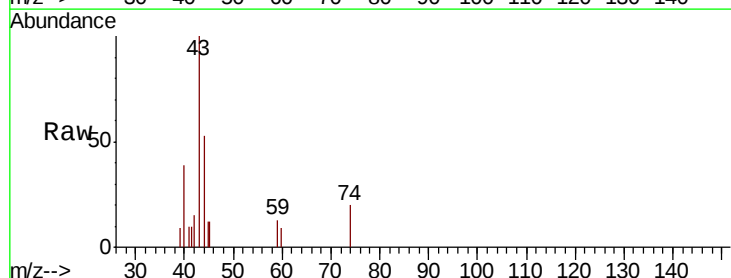
Instrument :
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ClientSampleId :
EPH-4-8-WC-002

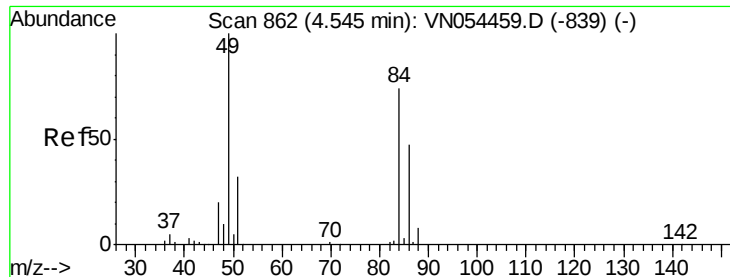
Tot Ion: 43 Resp: 11922
Ion Ratio Lower Upper
43 100
58 21.9 29.9 44.9#



#18
Methyl Acetate
Concen: 0.990 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 43 Resp: 4362
Ion Ratio Lower Upper
43 100
74 15.1 20.8 31.2#

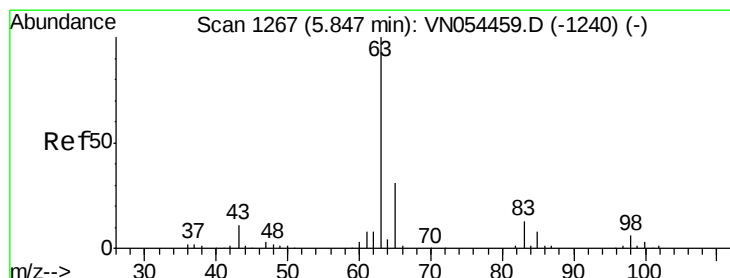
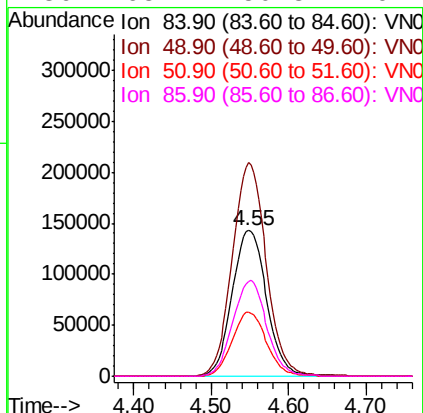
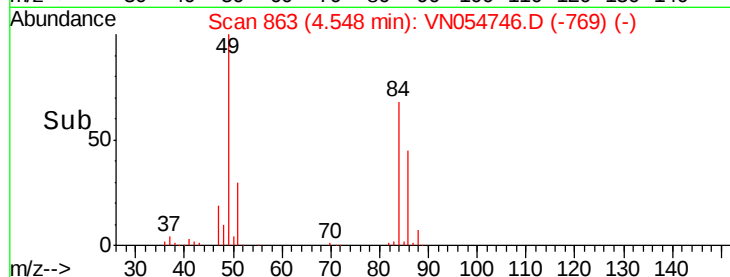
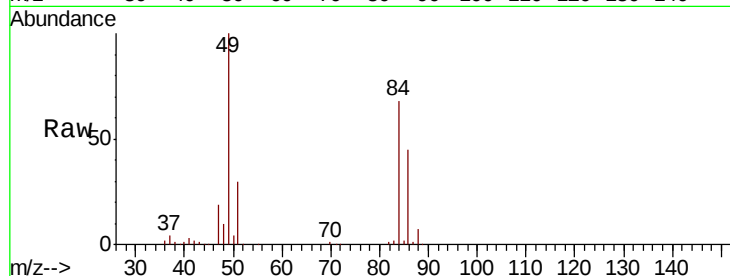




#20
Methvlene Chloride
Concen: 76.079 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

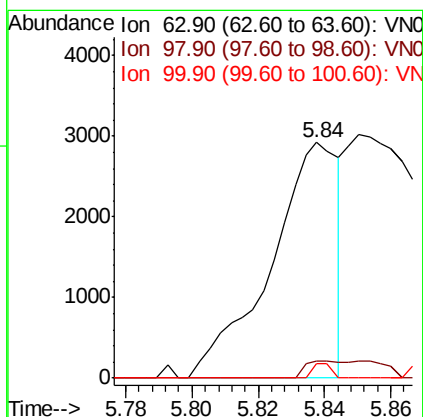
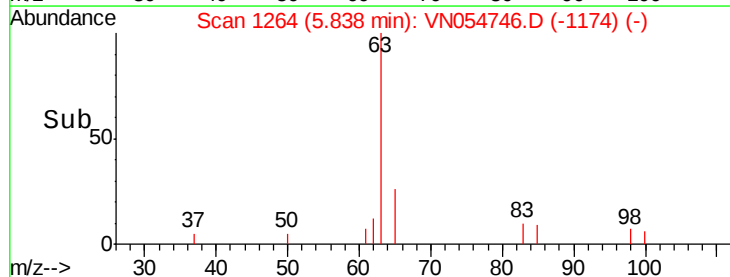
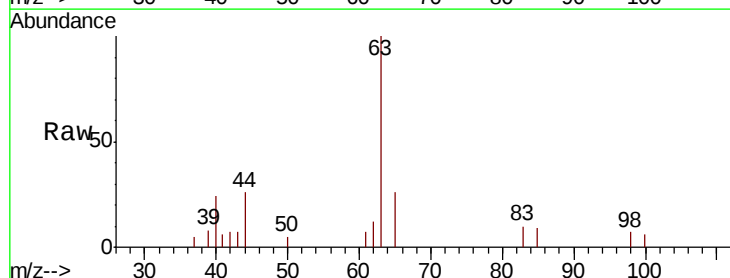
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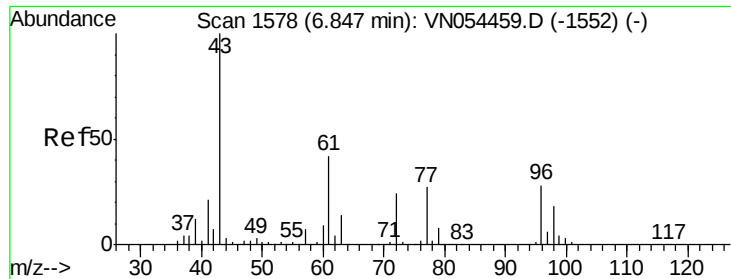
Tot Ion: 84 Resp: 443376
Ion Ratio Lower Upper
84 100
49 146.3 89.7 134.5#
51 44.1 28.2 42.4#
86 65.2 50.8 76.2



#24
1,1-Dichloroethane
Concen: 0.408 ug/l
RT: 5.84 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 63 Resp: 4159
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.5
100 6.0 2.0 6.0

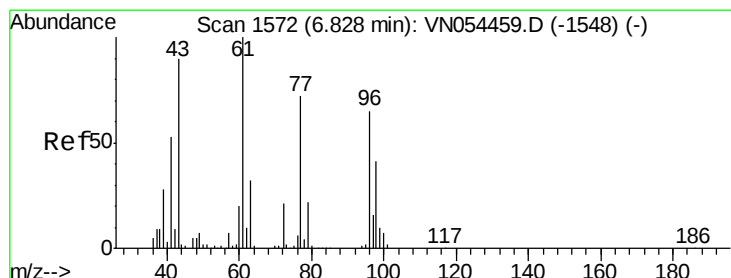
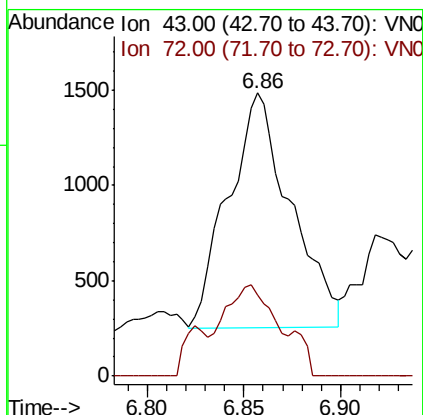
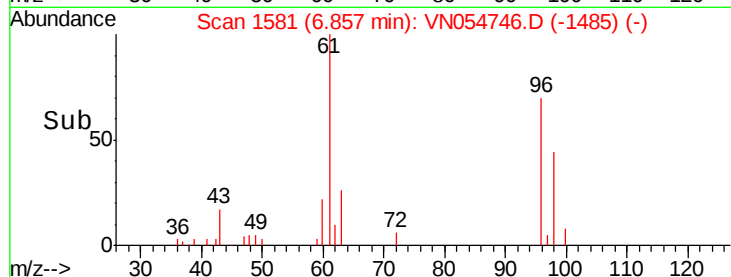
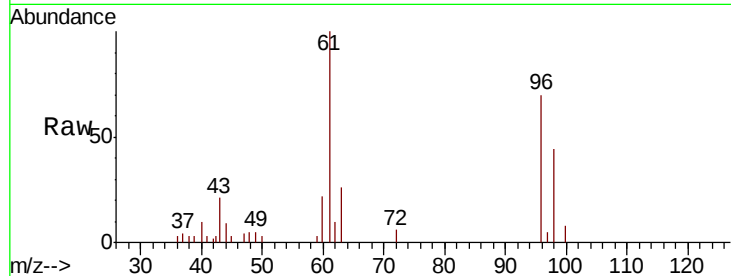




#25
2-Butanone
Concen: 1.087 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

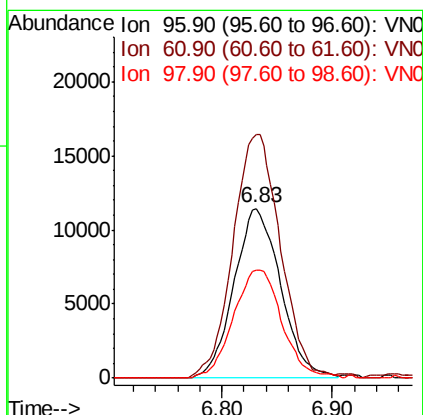
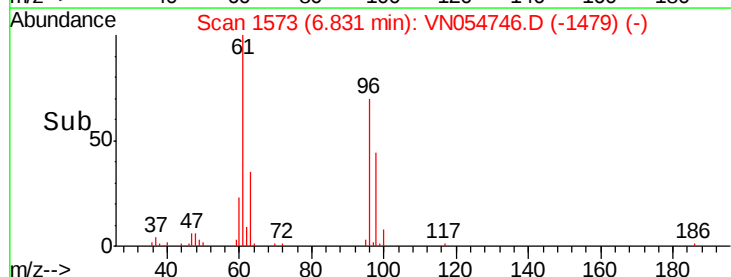
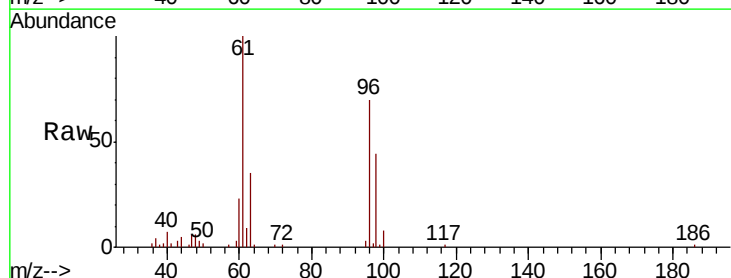
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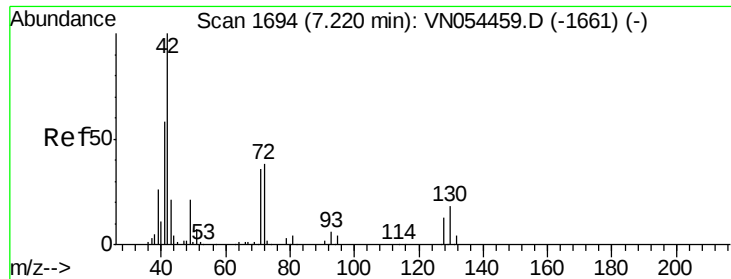
Tot Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
72 34.5 23.0 34.6



#27
cis-1,2-Dichloroethene
Concen: 5.403 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 96 Resp: 33553
Ion Ratio Lower Upper
96 100
61 145.6 0.0 273.0
98 66.2 0.0 130.6

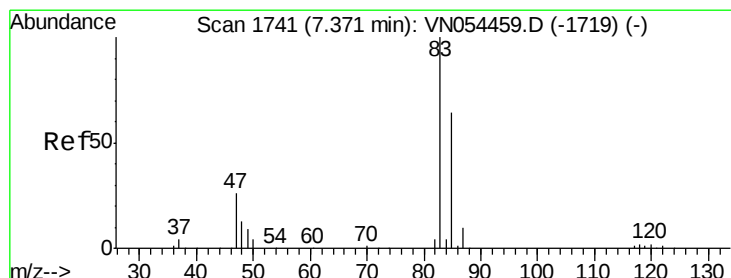
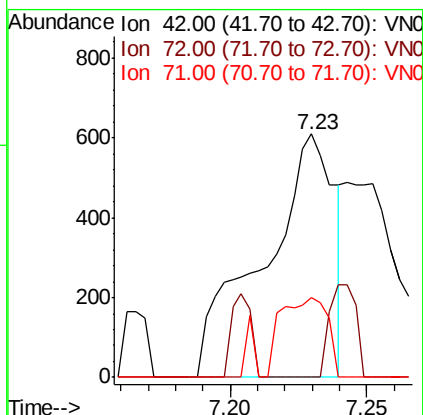
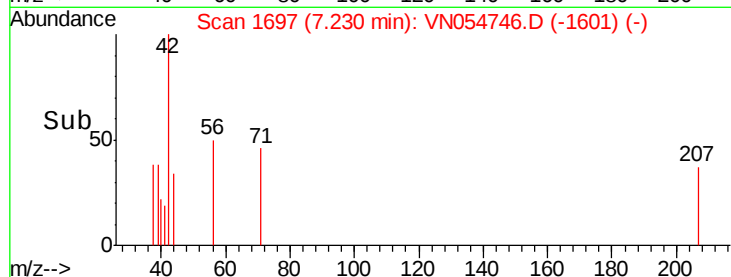
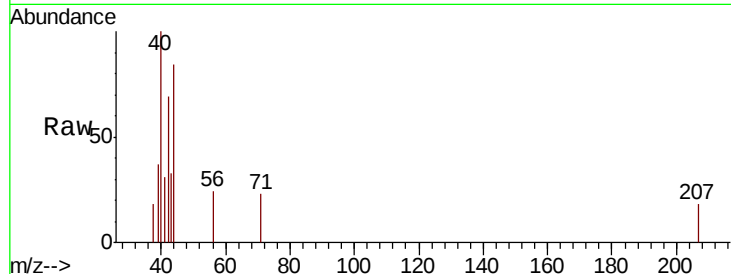




#29
Tetrahydrofuran
Concen: 0.671 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

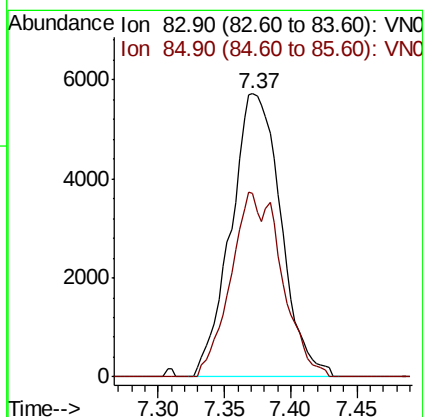
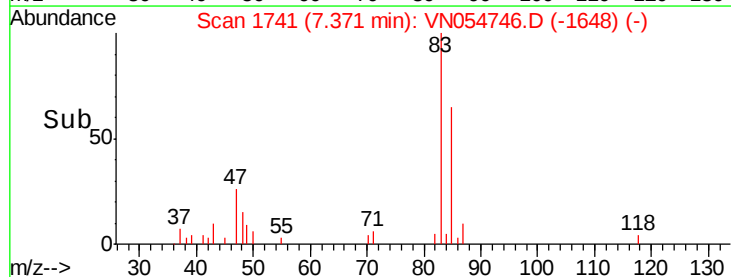
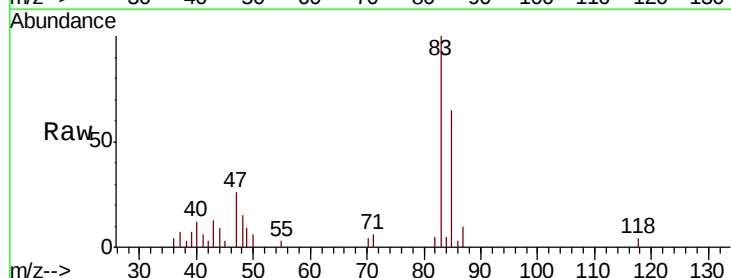
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ClientSampleId :
EPH-4-8-WC-002

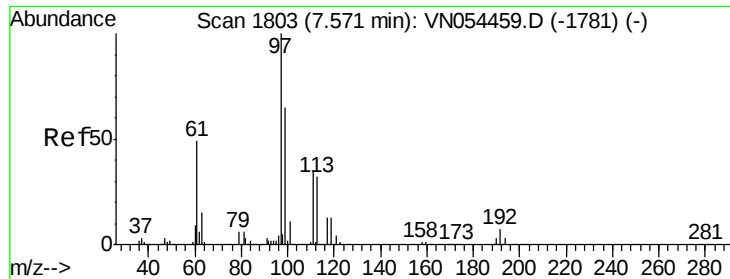
Tot Ion: 42 Resp: 1102
Ion Ratio Lower Upper
42 100
72 14.2 37.8 56.6#
71 21.6 36.2 54.2#



#30
Chloroform
Concen: 1.509 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 83 Resp: 15014
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4





#32

1,1,1-Trichloroethane

Concen: 0.567 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

EPH-4-8-WC-002

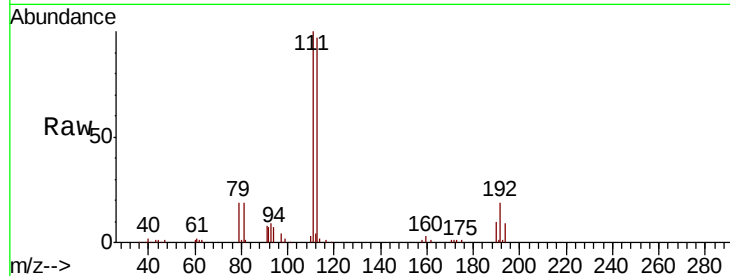
Tot Ion: 97 Resp: 4659

Ion Ratio Lower Upper

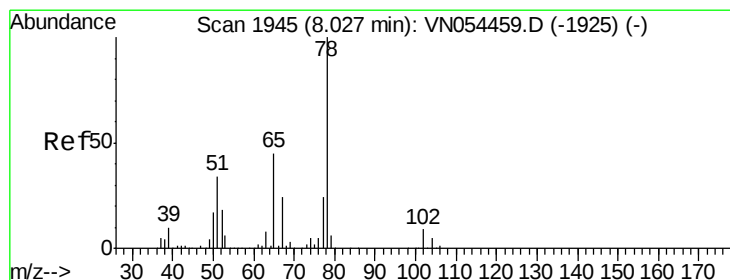
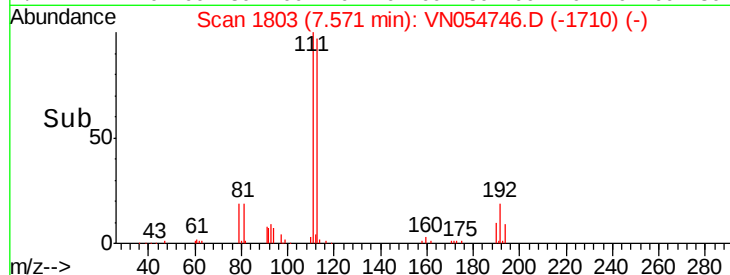
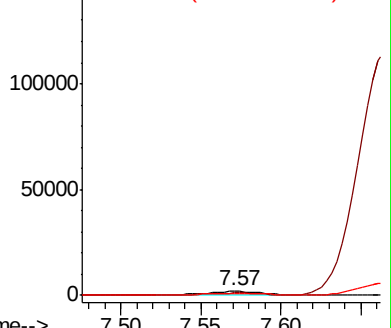
97 100

99 0.0 51.5 77.3#

61 26.9 33.6 50.4#



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 52.337 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054746.D

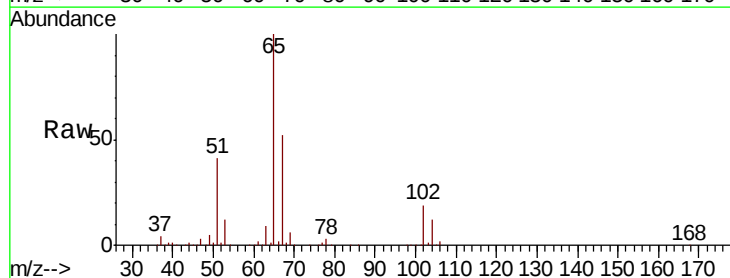
Acq: 28 Mar 2019 15:58

Tgt Ion: 65 Resp: 344160

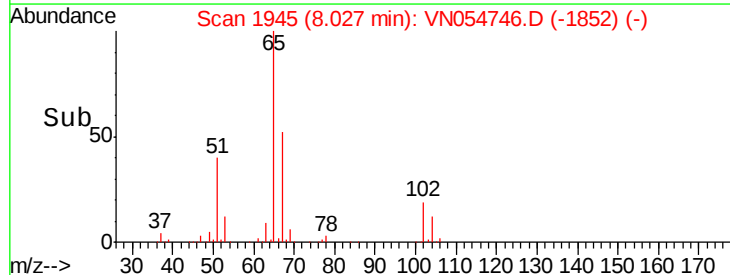
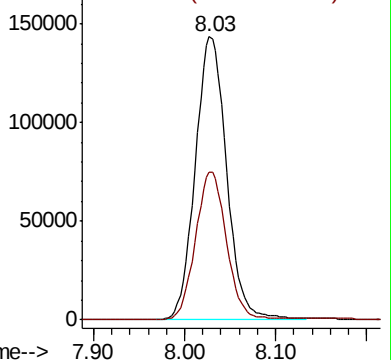
Ion Ratio Lower Upper

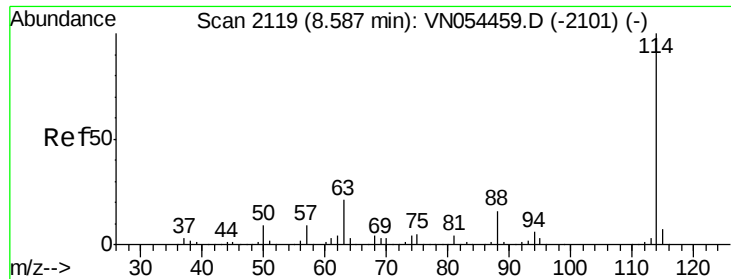
65 100

67 51.8 0.0 104.6



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

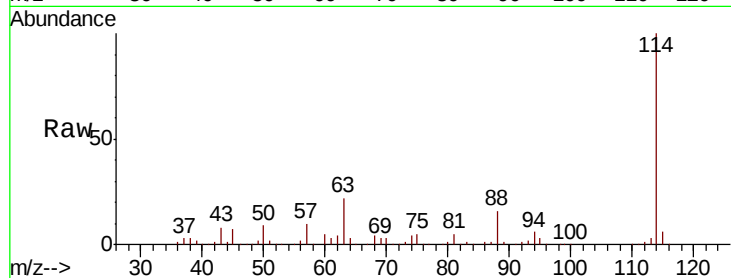




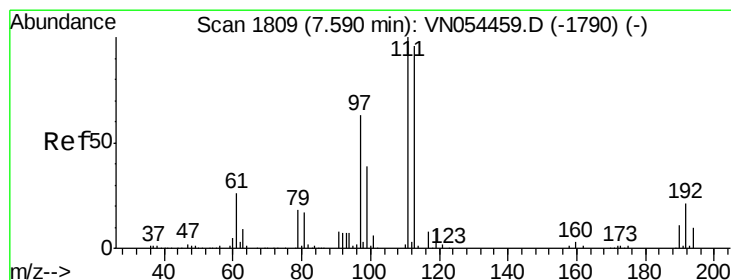
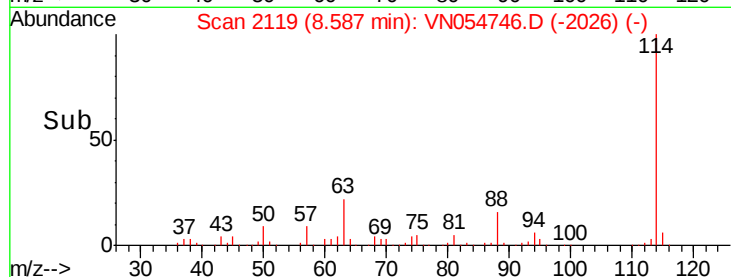
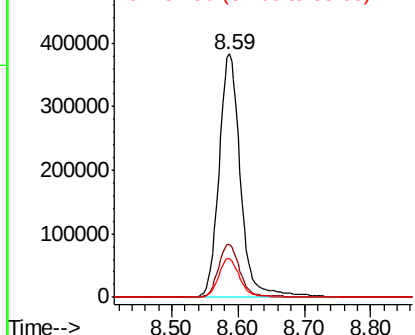
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

Tot Ion:114 Resp: 861077
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.8 0.0 30.2

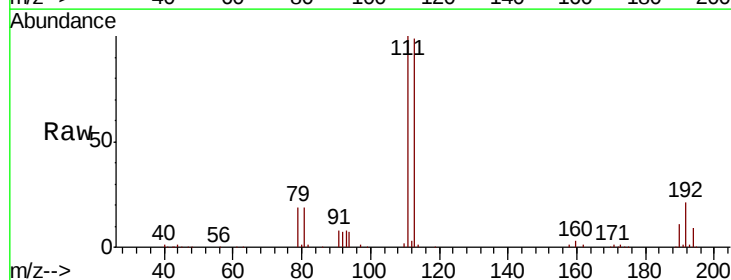


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

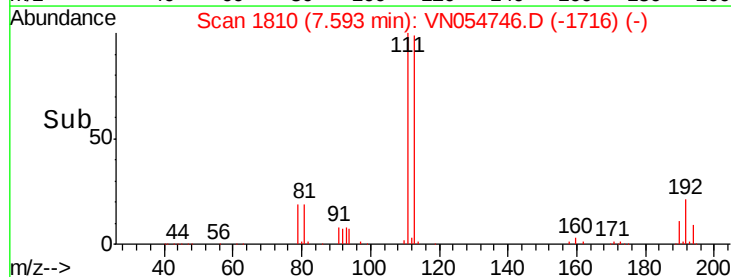
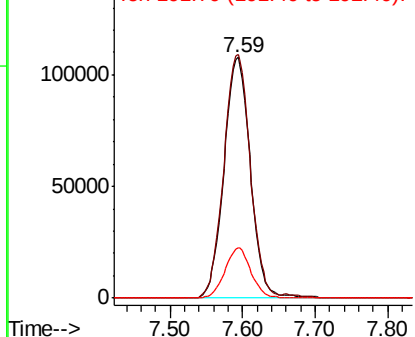


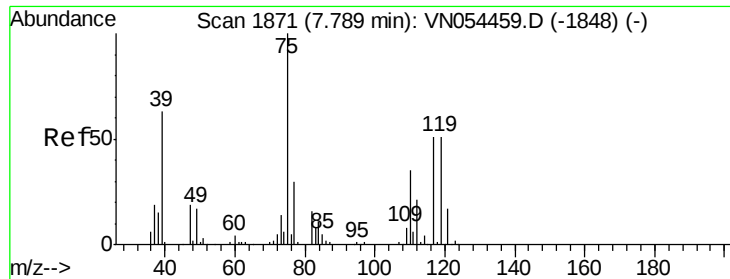
#35
 Dibromofluoromethane
 Concen: 49.317 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion:113 Resp: 273584
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 20.4 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

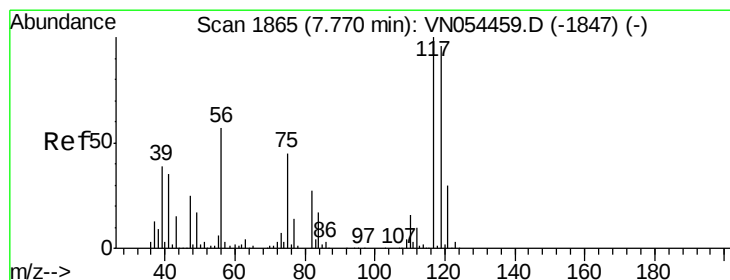
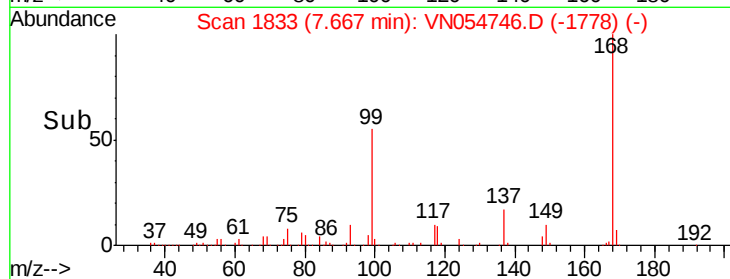
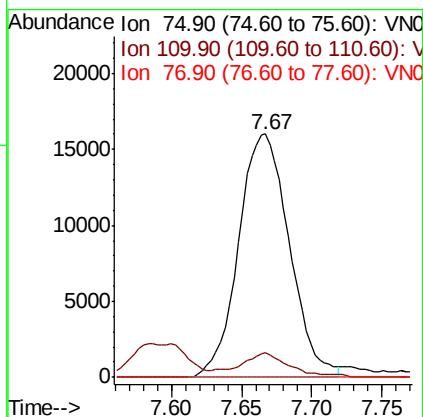
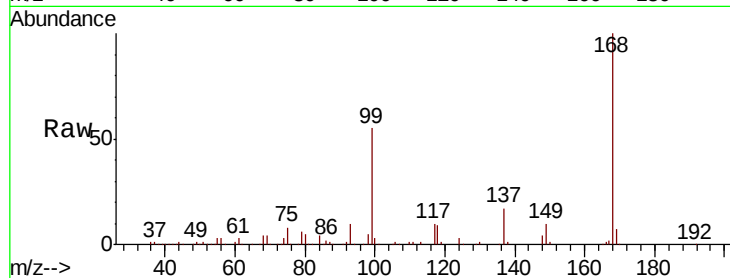




#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

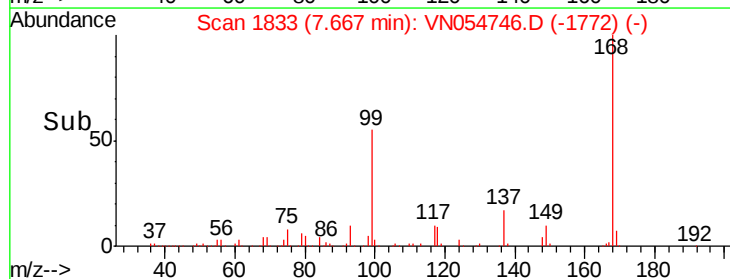
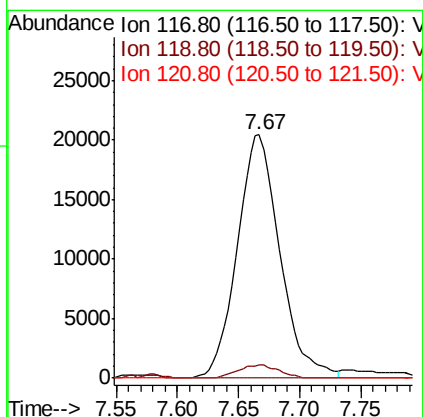
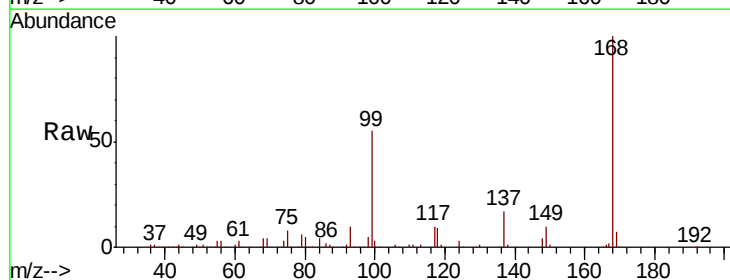
Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

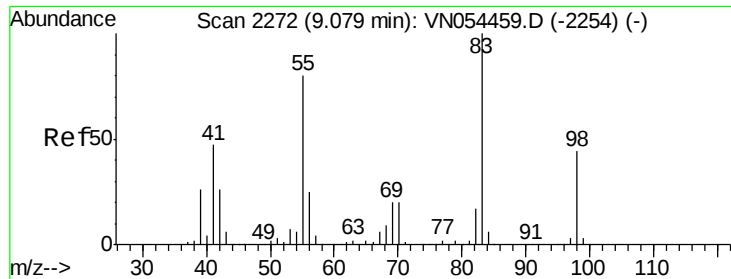
Tot Ion	75	Resp	40267
Ion Ratio	Lower	Upper	
75	100		
110	6.7	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.313 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion	117	Resp	49394
Ion Ratio	Lower	Upper	
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#

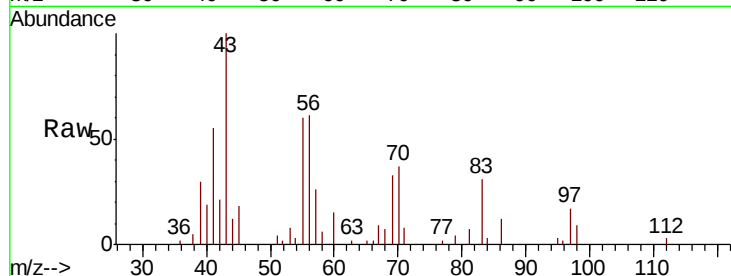




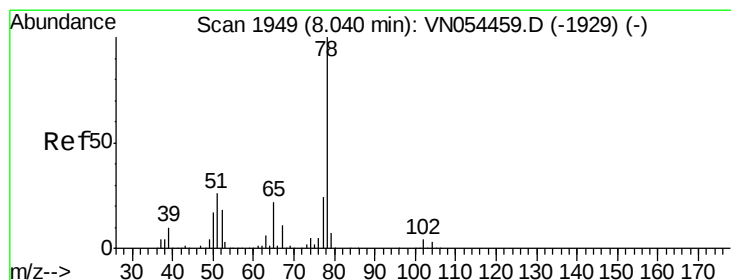
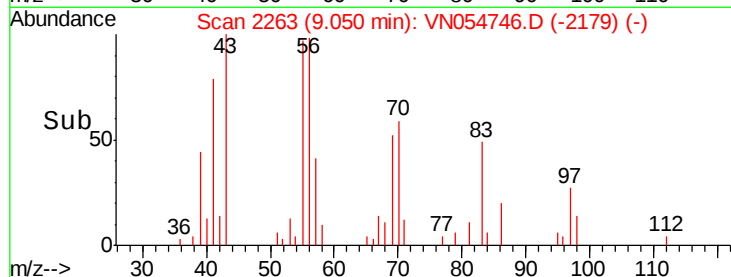
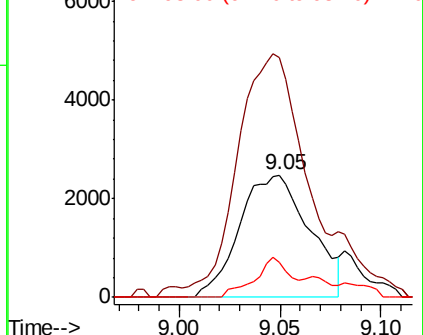
#39
Methvlcvclohexane
Concen: 0.652 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.03 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
EPH-4-8-WC-002

Tot Ion: 83 Resp: 6007
Ion Ratio Lower Upper
83 100
55 187.2 56.6 84.8#
98 28.1 38.4 57.6#

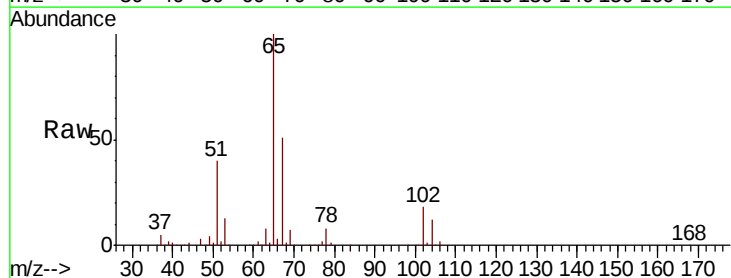


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

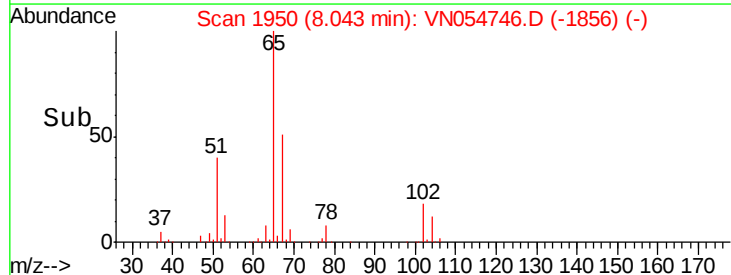
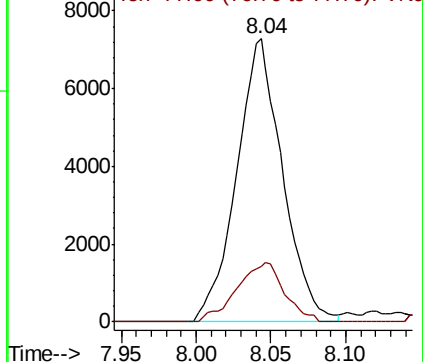


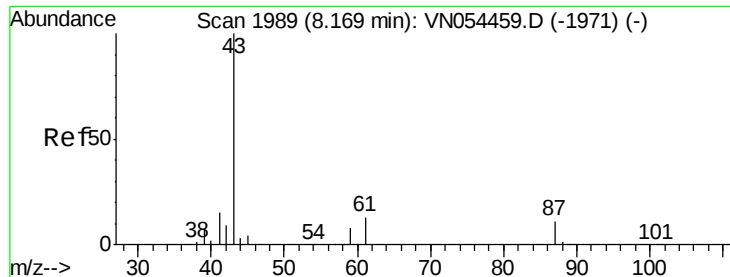
#40
Benzene
Concen: 0.676 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 78 Resp: 15573
Ion Ratio Lower Upper
78 100
77 19.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 1.630 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.01 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

EPH-4-8-WC-002

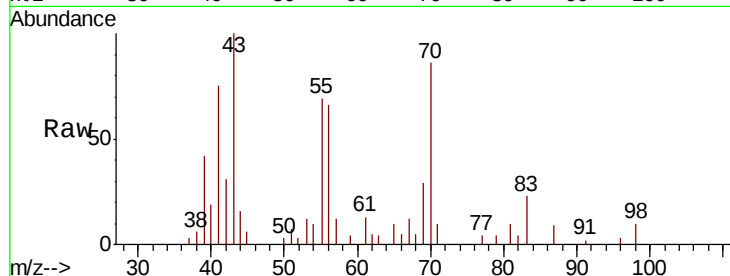
Tot Ion: 43 Resp: 15766

Ion Ratio Lower Upper

43 100

61 12.1 15.8 23.8#

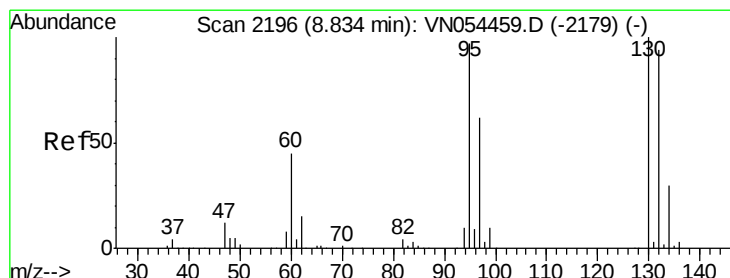
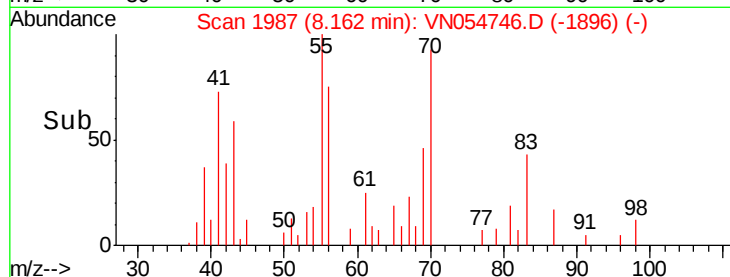
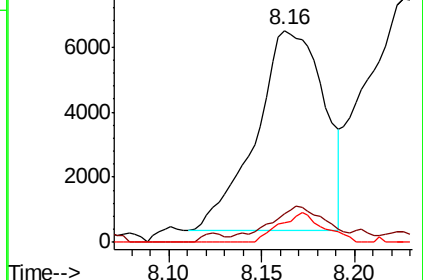
87 9.6 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#44

Trichloroethene

Concen: 18.129 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054746.D

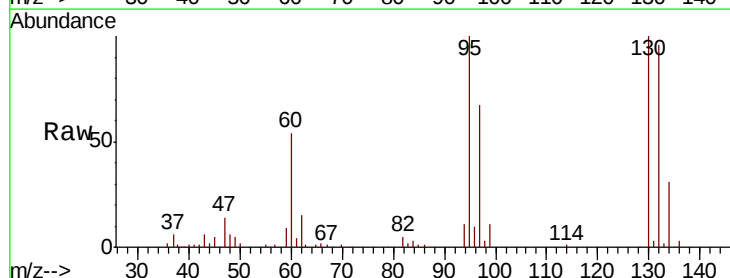
Acq: 28 Mar 2019 15:58

Tgt Ion:130 Resp: 116038

Ion Ratio Lower Upper

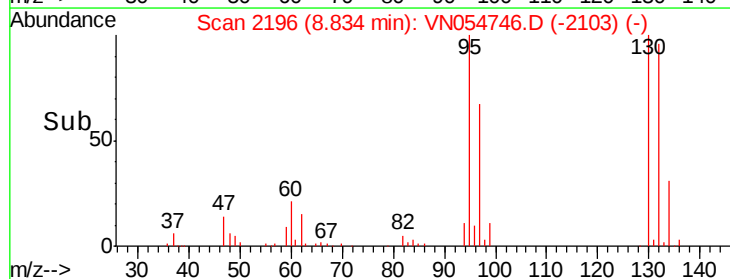
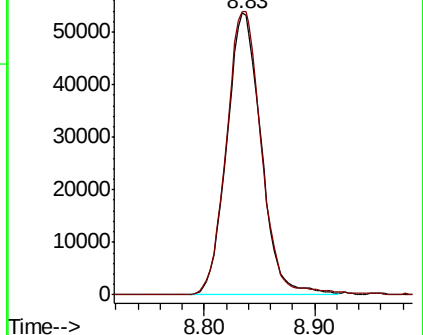
130 100

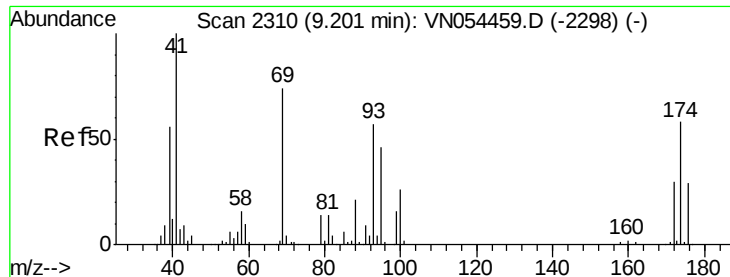
95 100.4 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

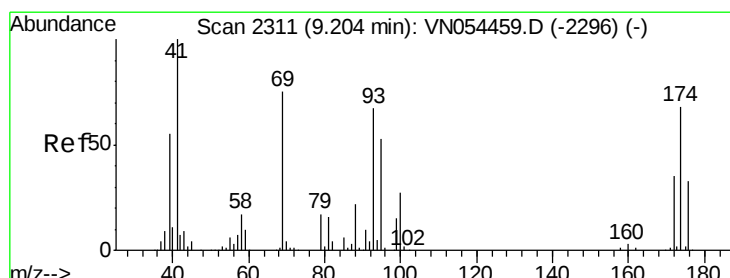
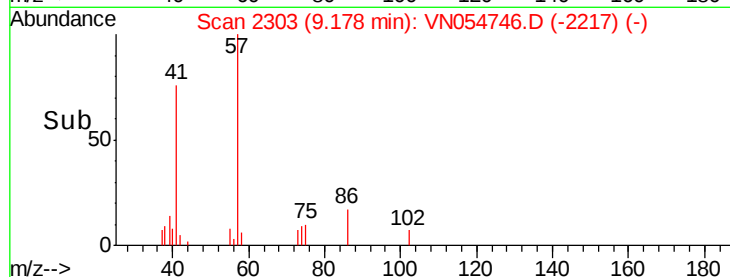
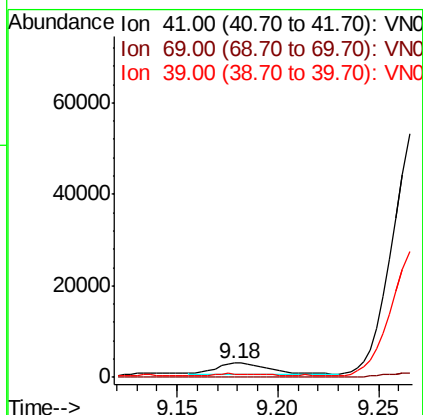
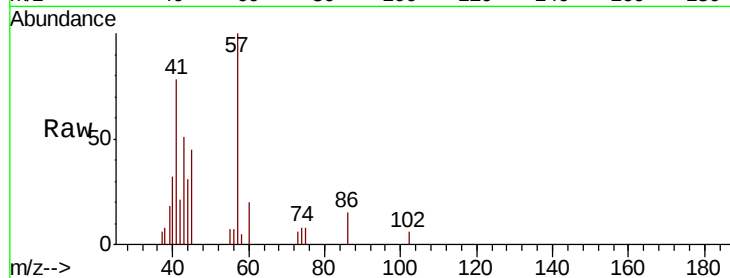




#48
Methvl methacrylate
Concen: 0.794 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

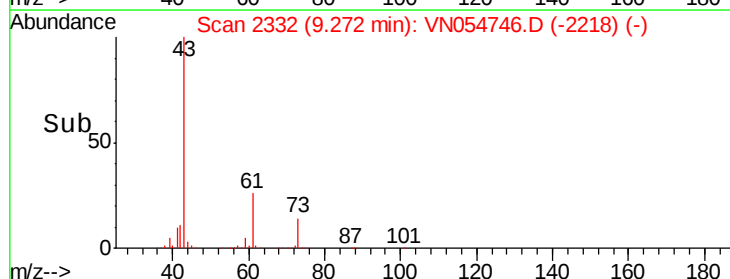
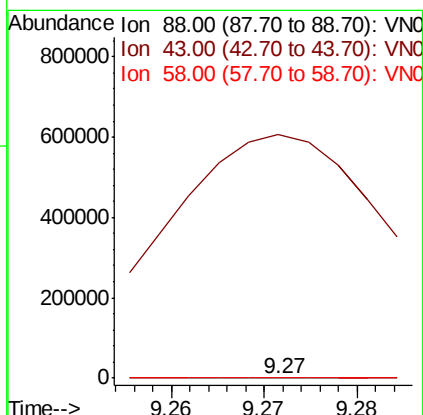
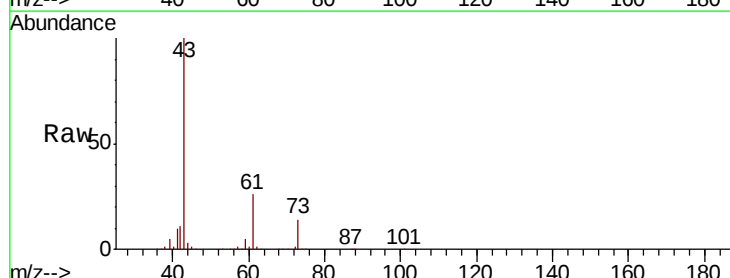
Instrument :
MSVOA_N
ClientSampleId :
EPH-4-8-WC-002

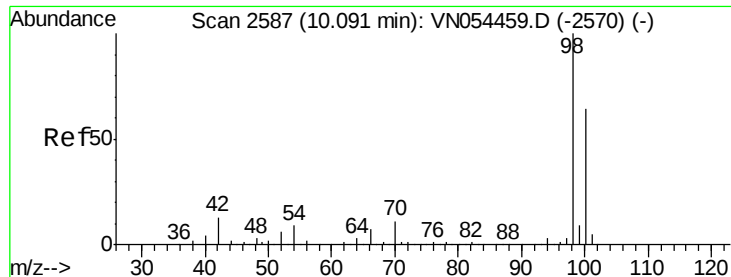
Tot Ion: 41 Resp: 4166
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 1.074 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 1942915.9 24.1 36.1#
58 7861.9 50.8 76.2#





#50

Toluene-d8

Concen: 49.958 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

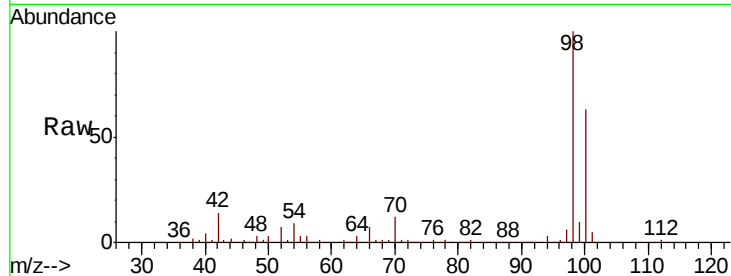
EPH-4-8-WC-002

Tot Ion: 98 Resp: 1041871

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

600000

500000

400000

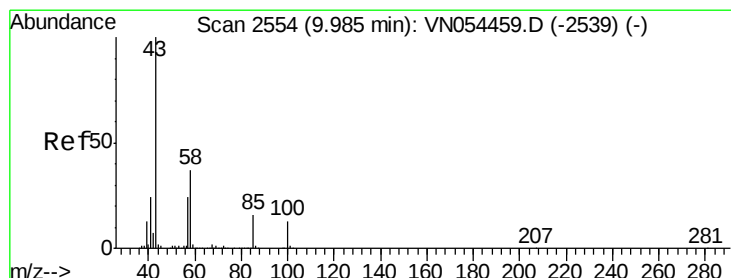
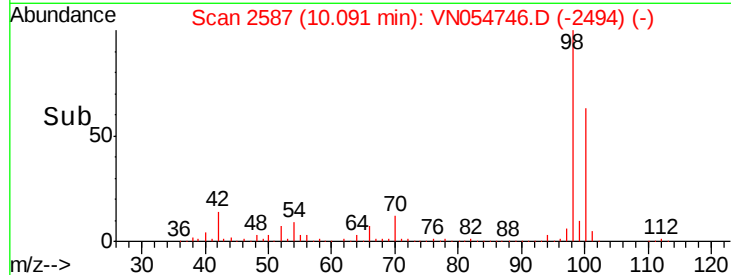
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.892 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054746.D

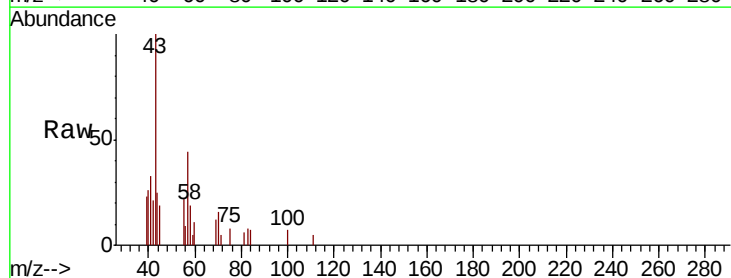
Acq: 28 Mar 2019 15:58

Tgt Ion: 43 Resp: 4783

Ion Ratio Lower Upper

43 100

58 30.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-2539) (-)

6000

5000

4000

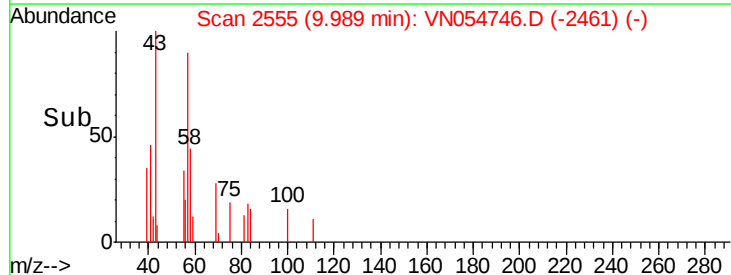
3000

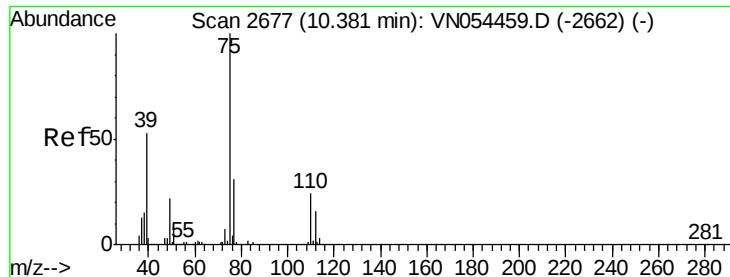
2000

1000

0

Time-->

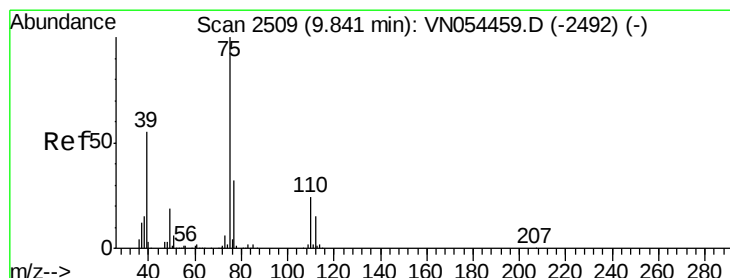
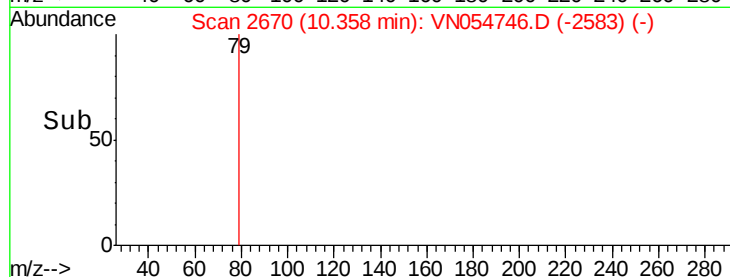
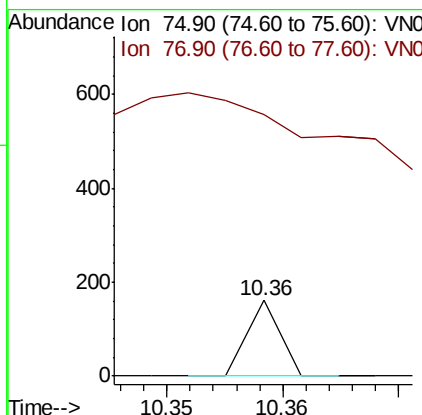
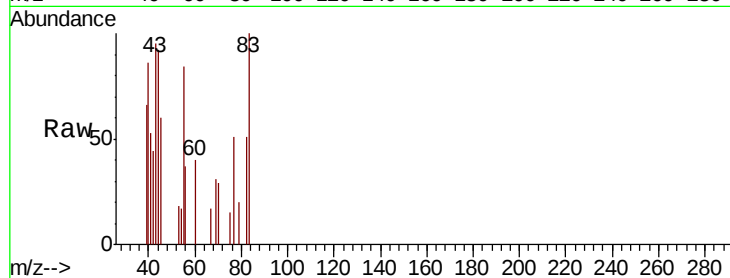




#53
t-1,3-Dichloropropene
Concen: 2.236 ug/l
RT: 10.36 min Scan# 2670
Delta R.T. -0.02 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

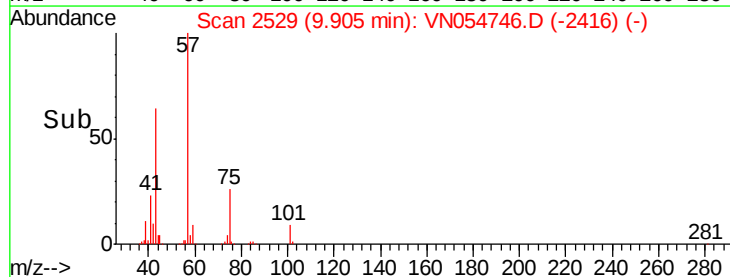
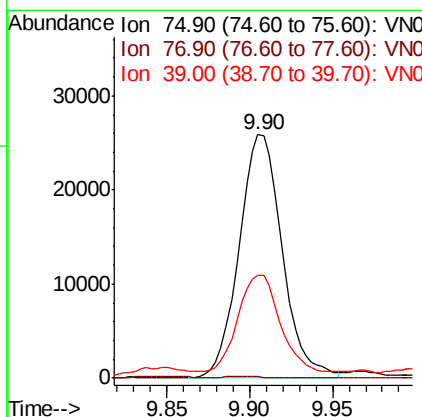
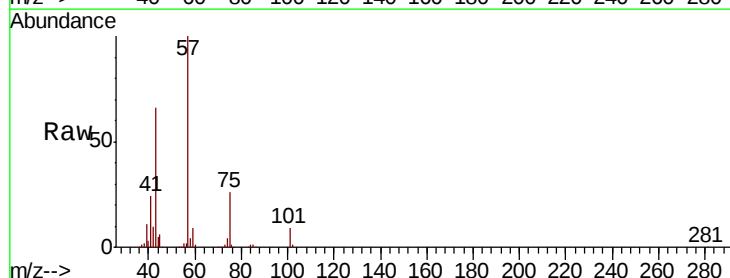
Instrument :
MSVOA_N
ClientSampleId :
EPH-4-8-WC-002

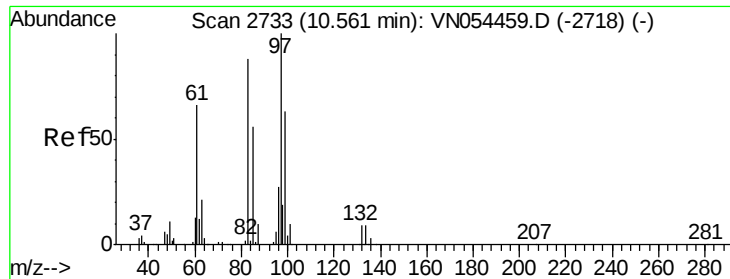
Tot Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 29.2 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 5.329 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 75 Resp: 46772
Ion Ratio Lower Upper
75 100
77 0.7 25.4 38.0#
39 39.7 37.2 55.8

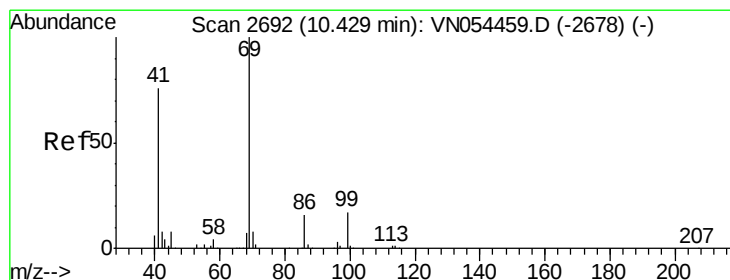
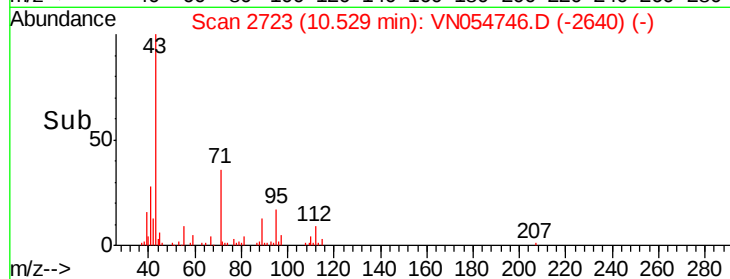
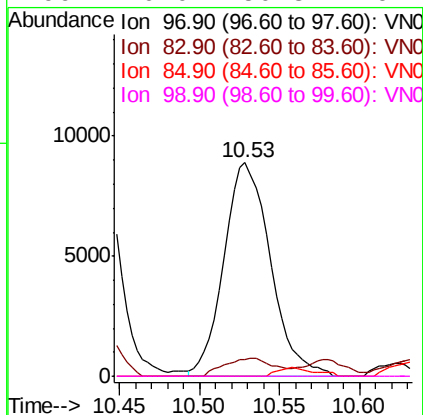
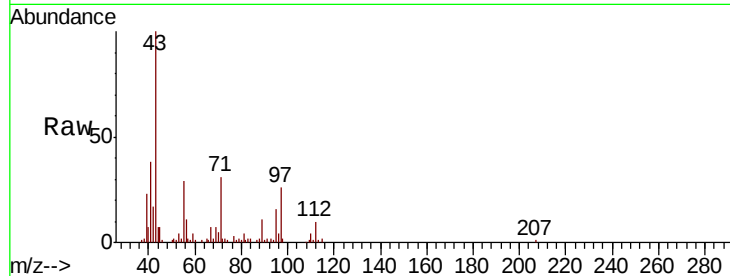




#55
 1,1,2-Trichloroethane
 Concen: 3.483 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

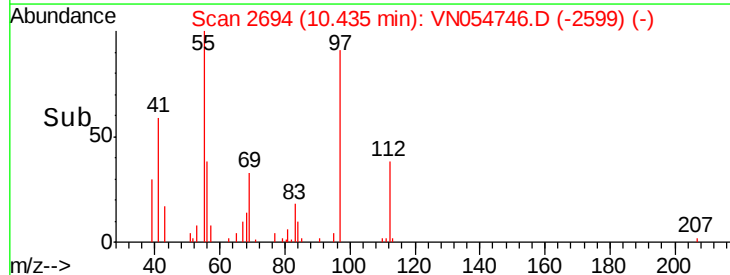
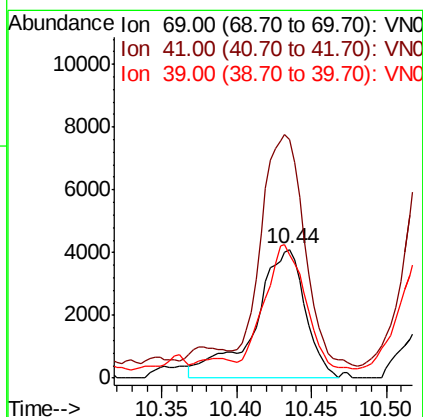
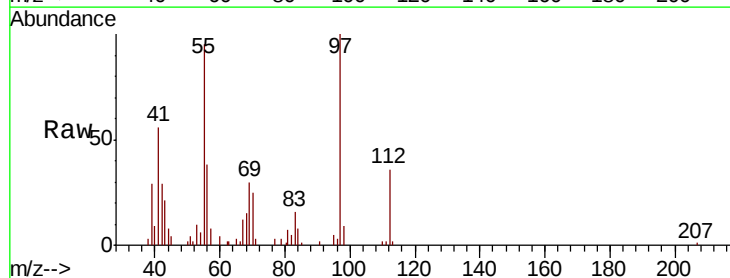
Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

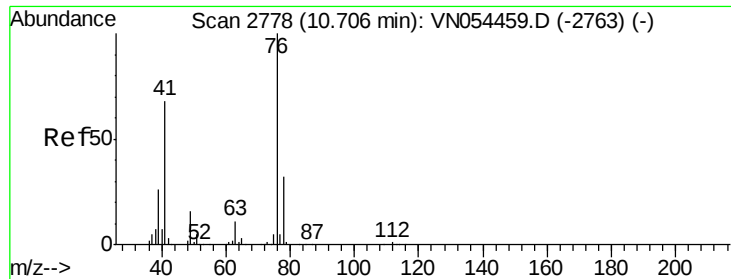
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.0	66.6	100.0#
85	0.0	44.4	66.6#
99	0.0	50.8	76.2#



#56
 Ethyl methacrylate
 Concen: 1.403 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	154.0	49.4	74.2#
39	77.1	28.3	42.5#

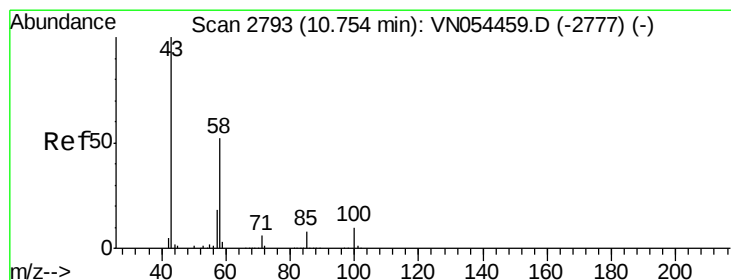
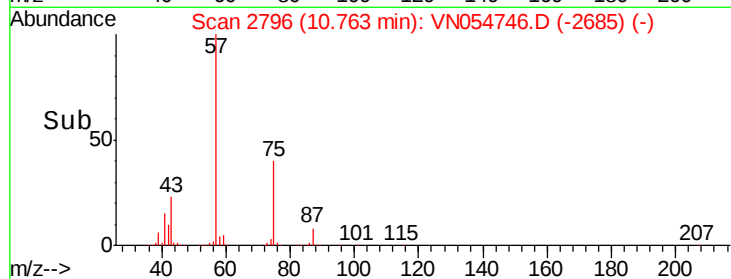
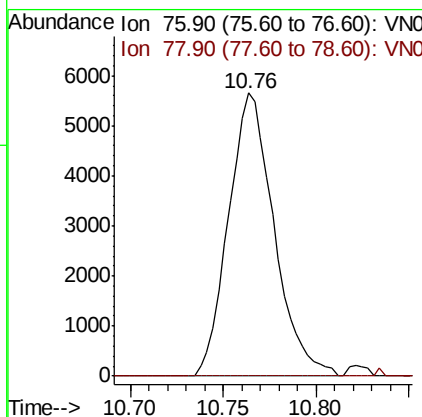
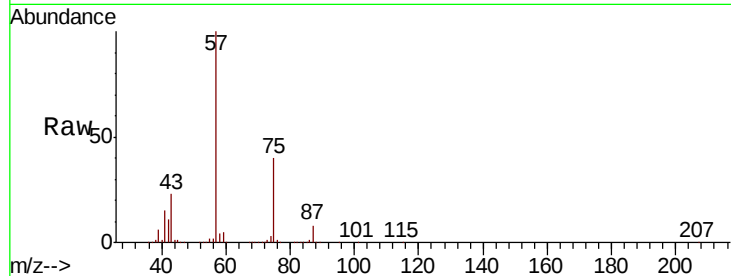




#57
 1,3-Dichloropropane
 Concen: 1.089 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

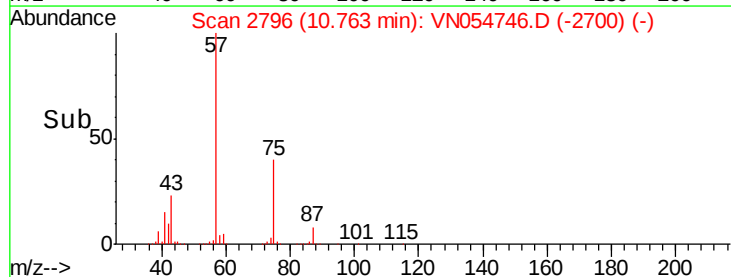
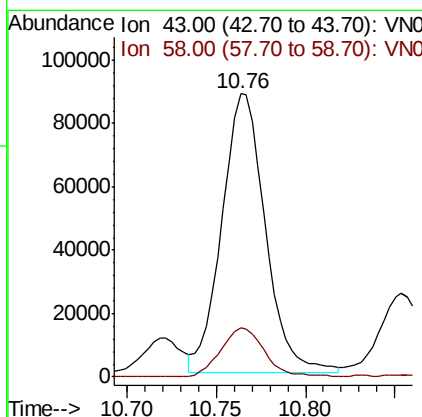
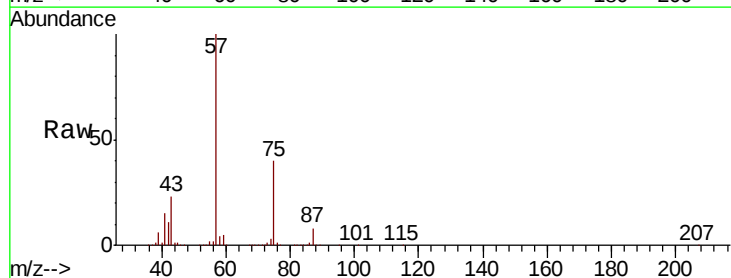
Instrument :
 MSVOA_N
 ClientSampled :
 EPH-4-8-WC-002

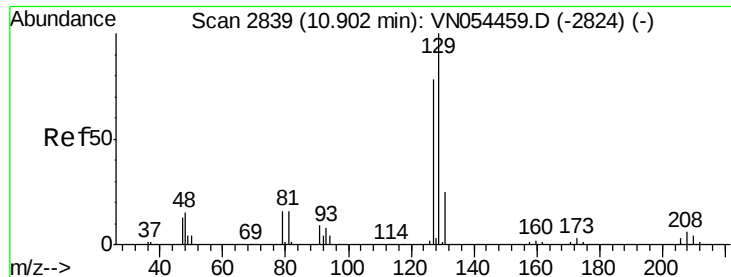
Tot Ion: 76 Resp: 9636
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 42.839 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion: 43 Resp: 149972
 Ion Ratio Lower Upper
 43 100
 58 17.8 28.0 83.9#

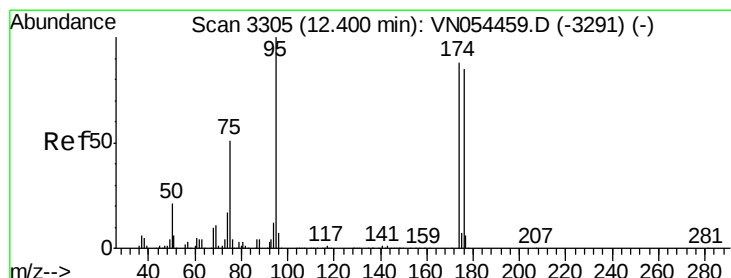
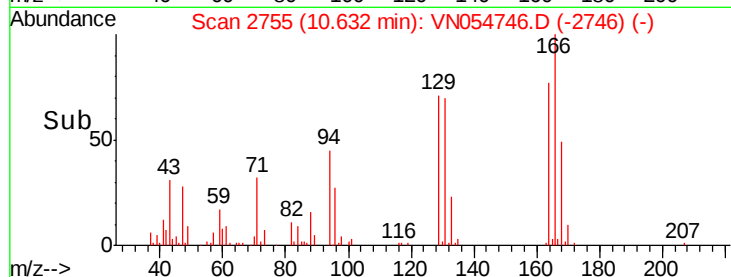
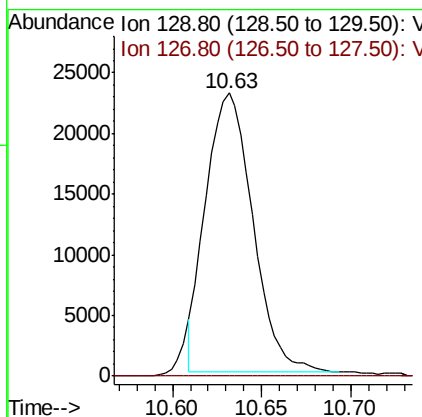
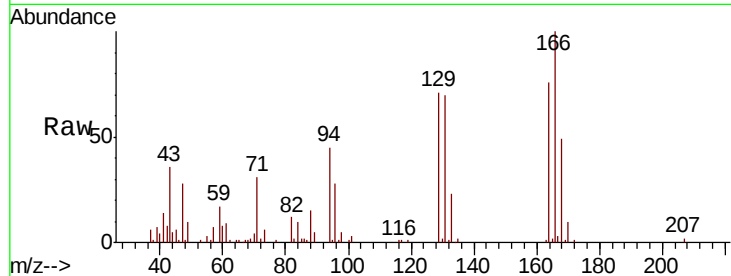




#60
 Dibromochloromethane
 Concen: 7.783 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. -0.27 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

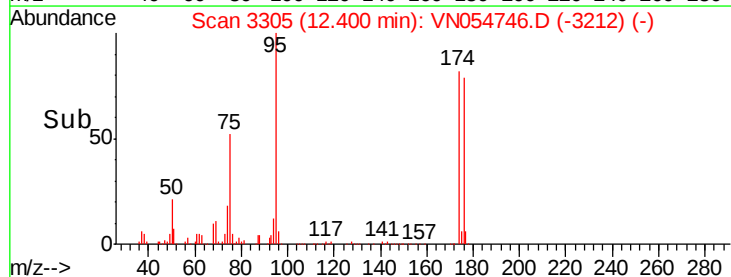
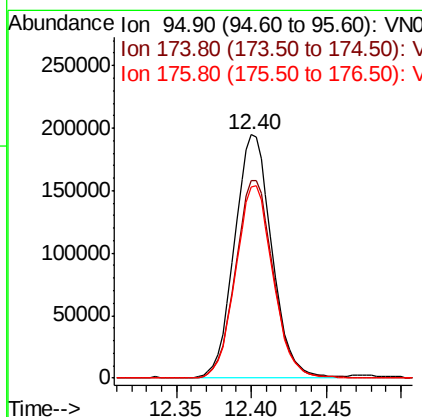
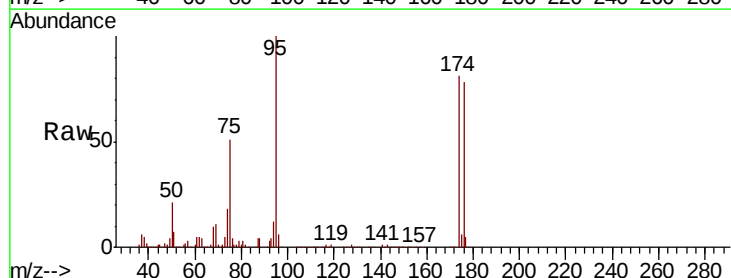
Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

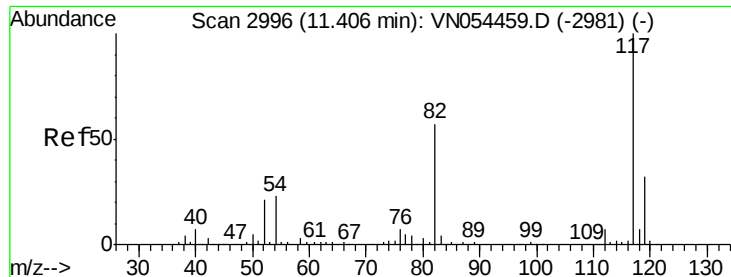
Tot Ion:129 Resp: 42157
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#



#62
 4-Bromofluorobenzene
 Concen: 47.306 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion: 95 Resp: 335714
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 191.0
 176 79.9 0.0 187.4

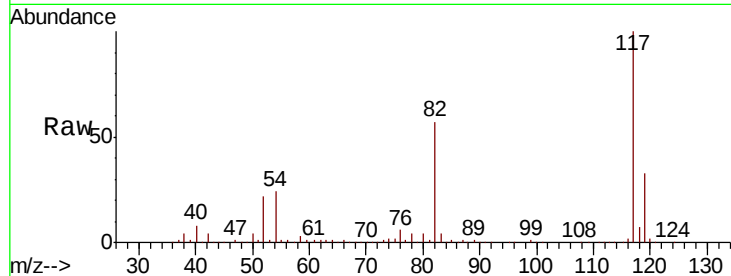




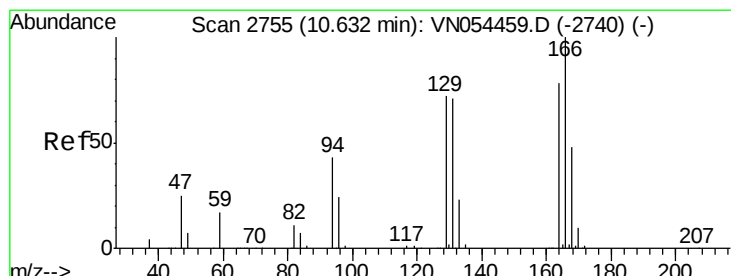
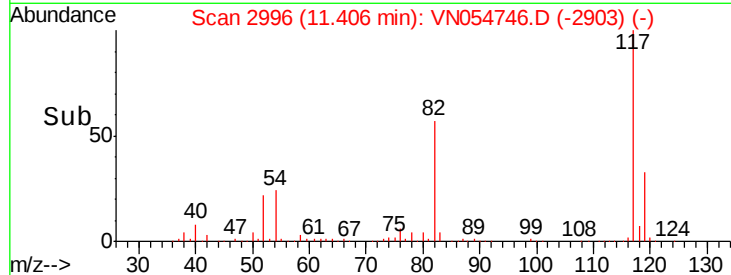
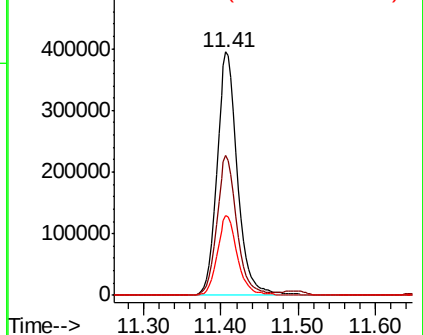
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Instrument :
MSVOA_N
ClientSampled :
EPH-4-8-WC-002

Tot Ion:117 Resp: 734206
Ion Ratio Lower Upper
117 100
82 57.2 40.0 60.0
119 32.7 25.8 38.6

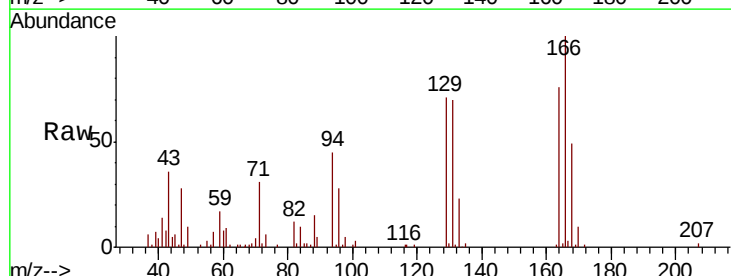


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

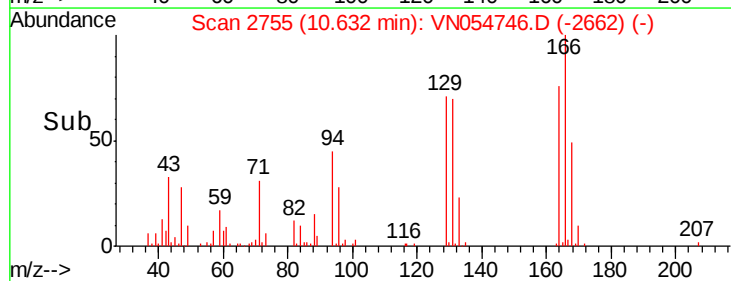
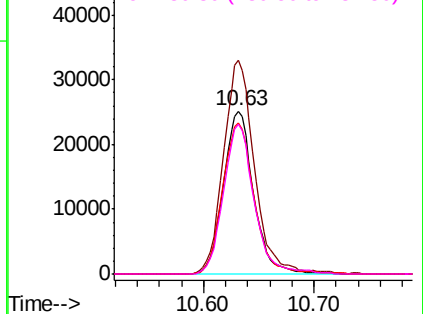


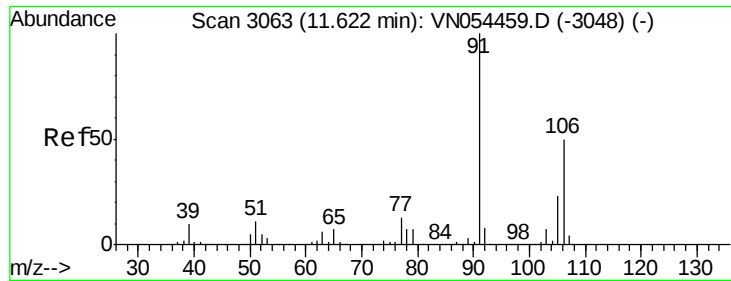
#64
Tetrachloroethene
Concen: 7.822 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion:164 Resp: 47634
Ion Ratio Lower Upper
164 100
166 131.2 103.9 155.9
129 92.8 71.1 106.7
131 91.7 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

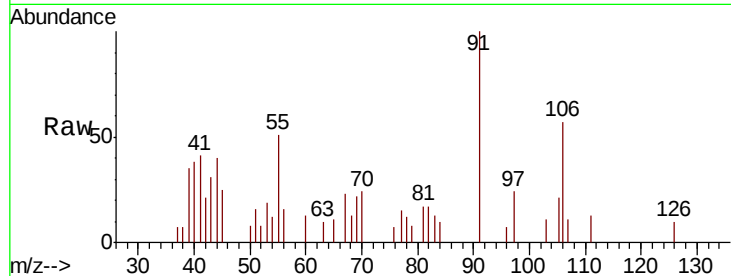




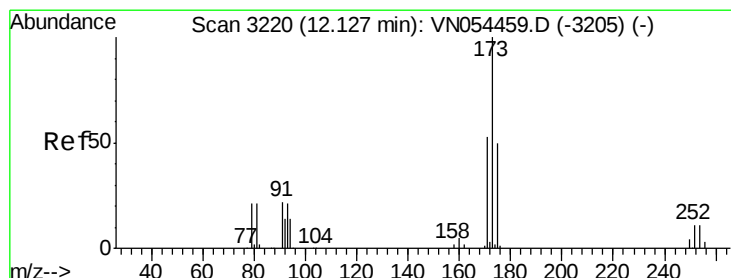
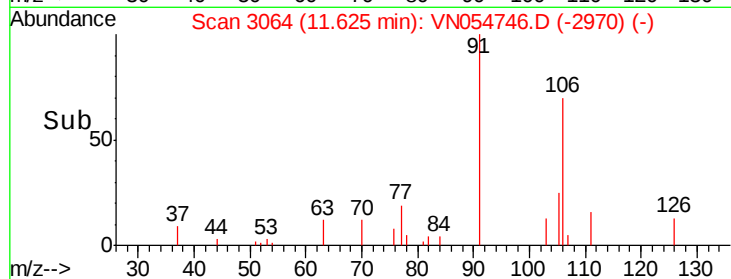
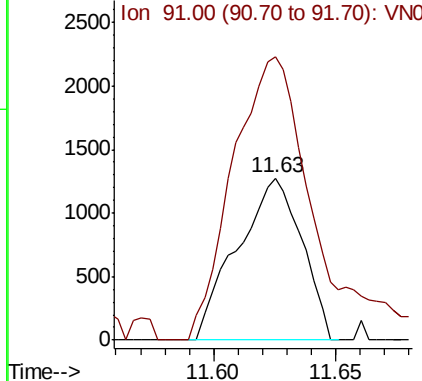
#68
m/p-Xvlenes
Concen: 0.235 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
EPH-4-8-WC-002

Tot Ion:106 Resp: 2343
Ion Ratio Lower Upper
106 100
91 219.0 159.4 239.2

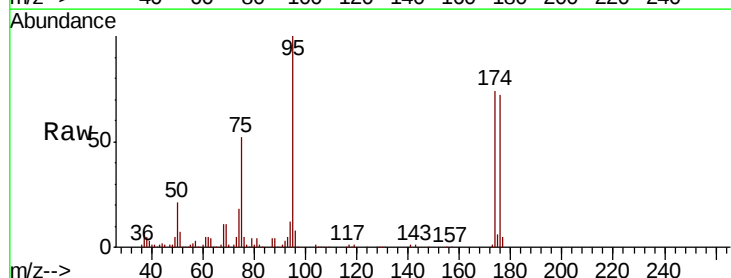


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

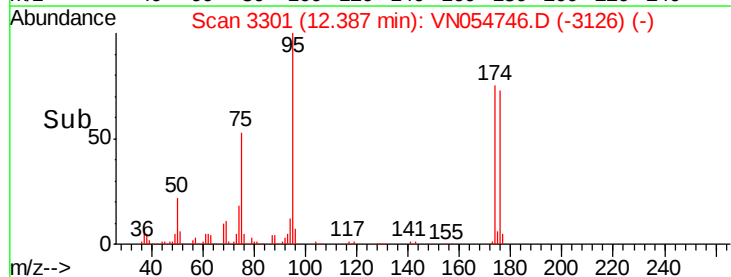
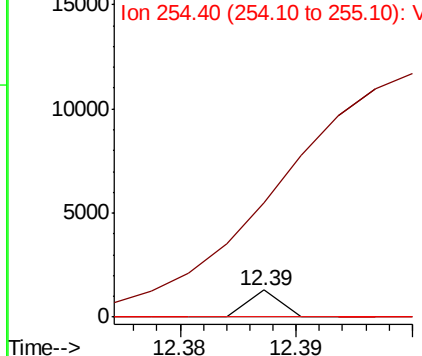


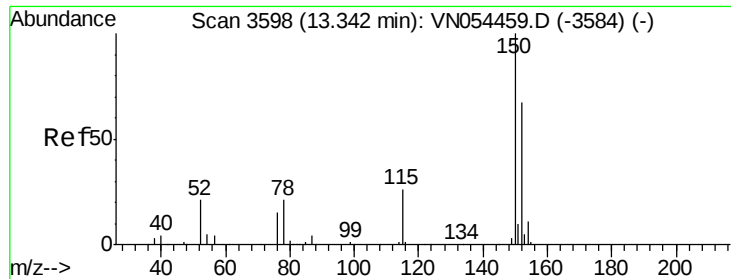
#71
Bromoform
Concen: 2.285 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion:173 Resp: 249
Ion Ratio Lower Upper
173 100
175 7258.2 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: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

EPH-4-8-WC-002

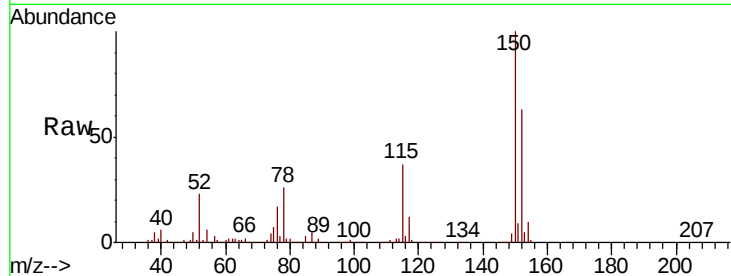
Tot Ion:152 Resp: 292222

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

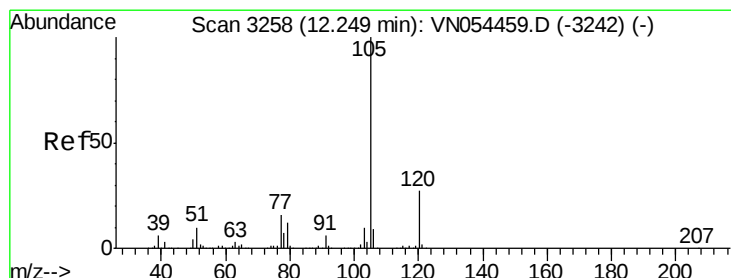
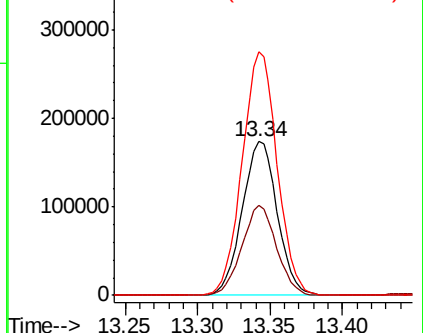
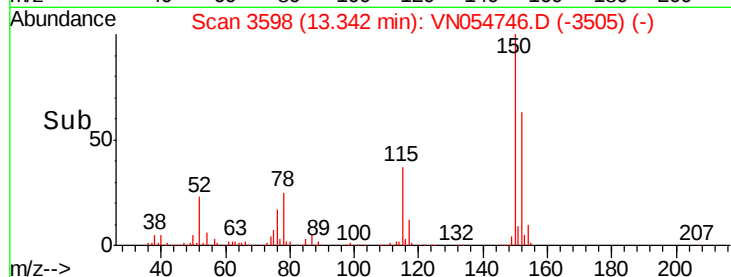
150 157.8 0.0 349.2



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



#73

Isopropylbenzene

Concen: 2.556 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054746.D

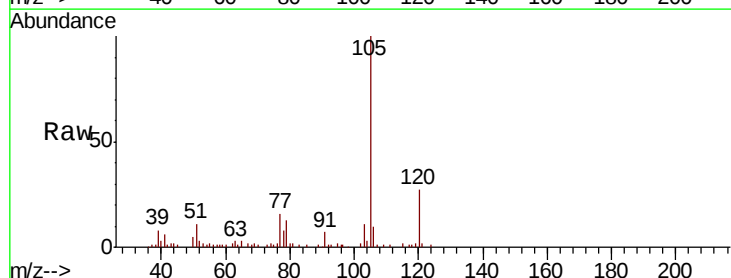
Acq: 28 Mar 2019 15:58

Tgt Ion:105 Resp: 60180

Ion Ratio Lower Upper

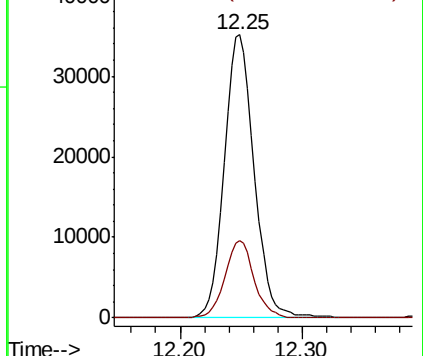
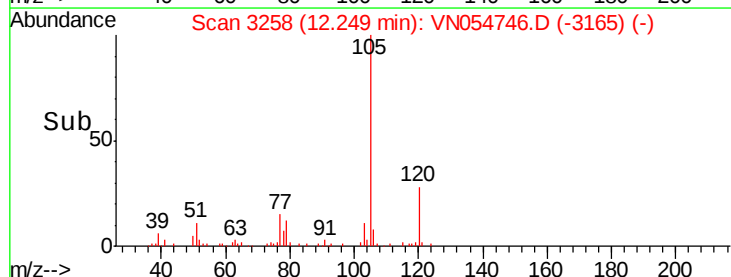
105 100

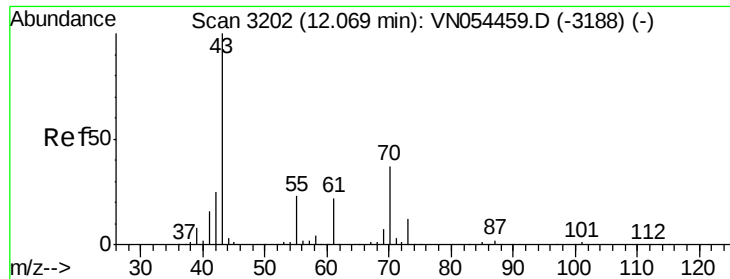
120 26.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.365 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

EPH-4-8-WC-002

Tot Ion: 43 Resp: 2473

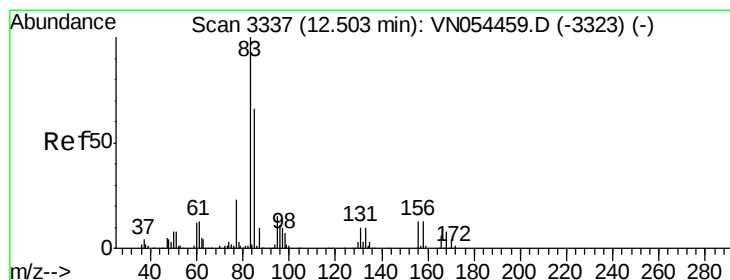
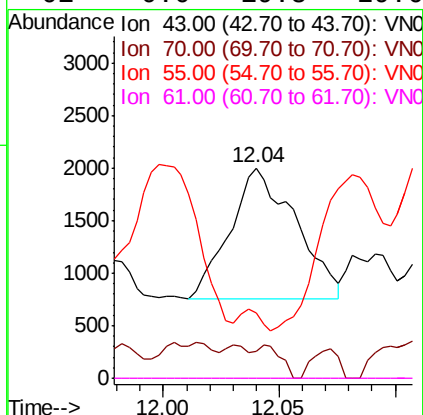
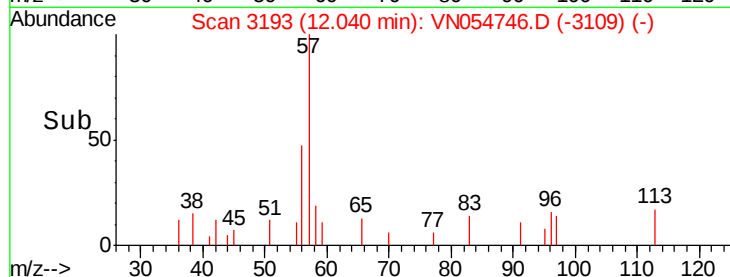
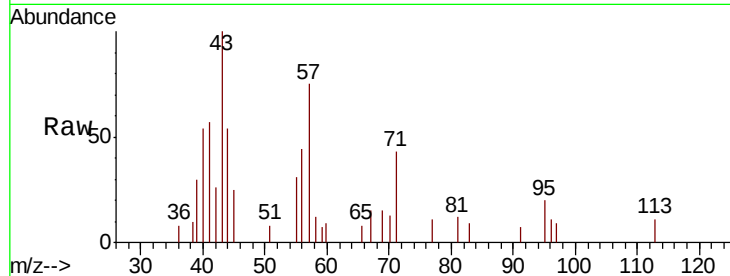
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 0.0 19.8 29.6#

61 0.0 19.8 29.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.752 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

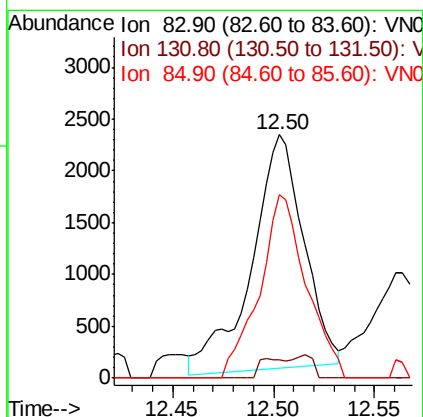
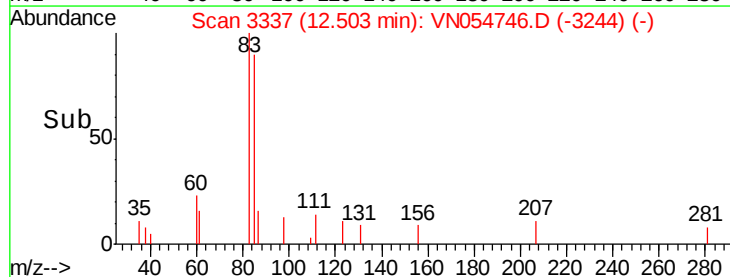
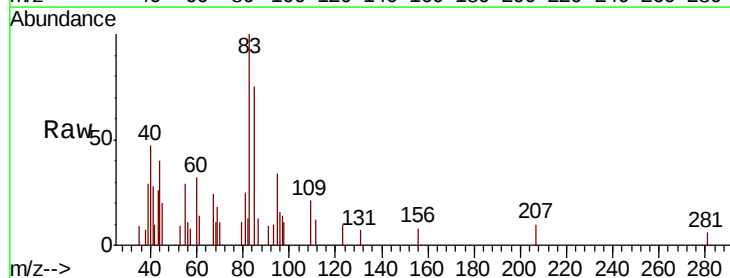
Tgt Ion: 83 Resp: 4042

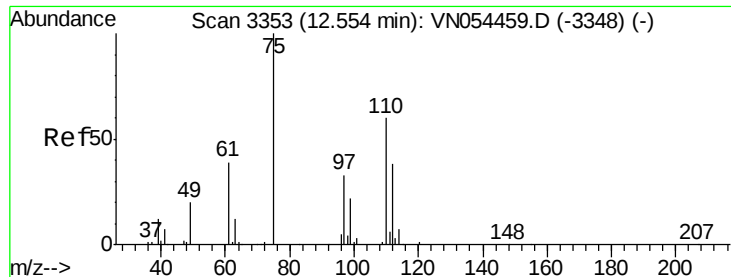
Ion Ratio Lower Upper

83 100

131 4.2 5.8 17.4#

85 70.6 32.2 96.6





#76

1,2,3-Trichloropropane

Concen: 37.028 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

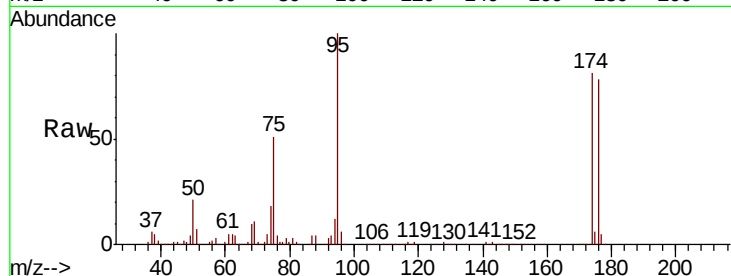
EPH-4-8-WC-002

Tot Ion: 75 Resp: 171701

Ion Ratio Lower Upper

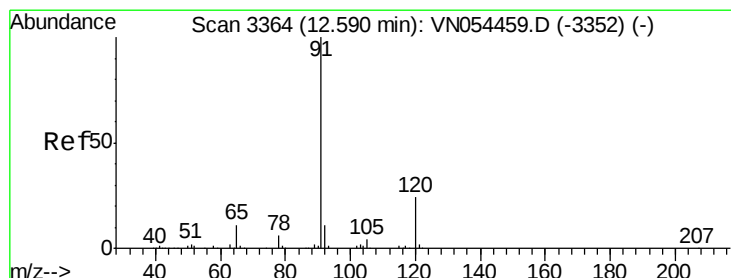
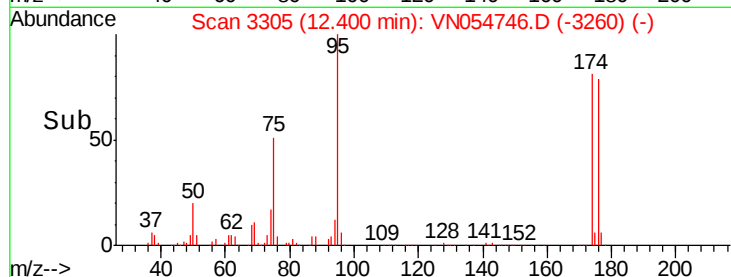
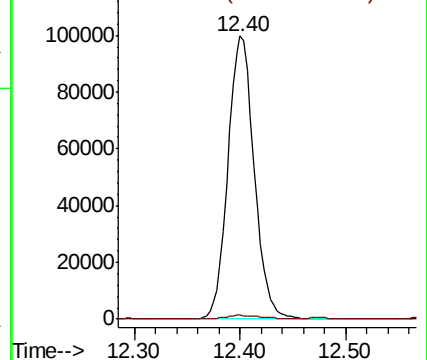
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 1.319 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054746.D

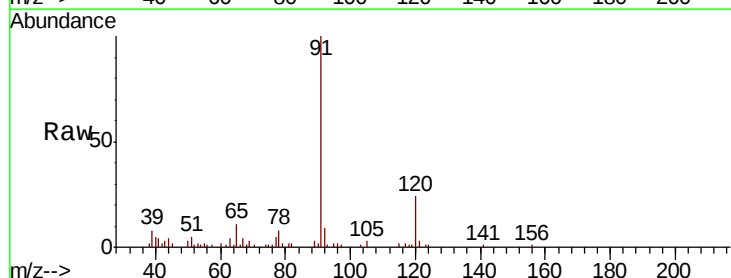
Acq: 28 Mar 2019 15:58

Tgt Ion: 91 Resp: 33686

Ion Ratio Lower Upper

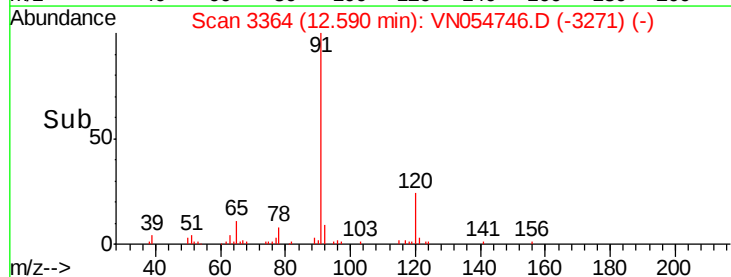
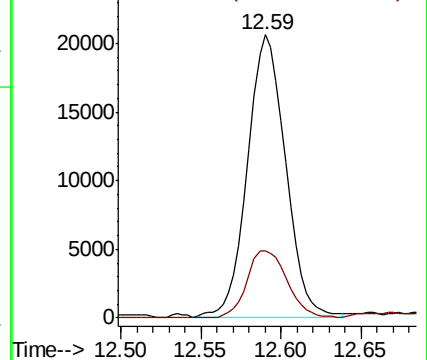
91 100

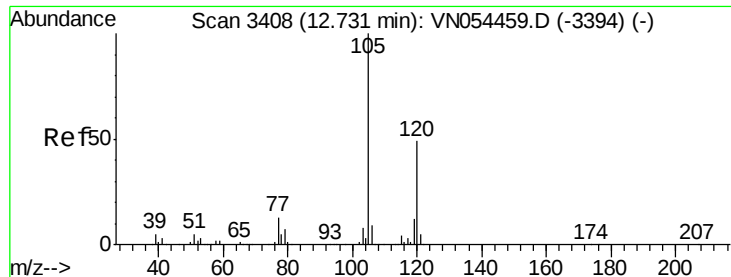
120 25.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.214 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

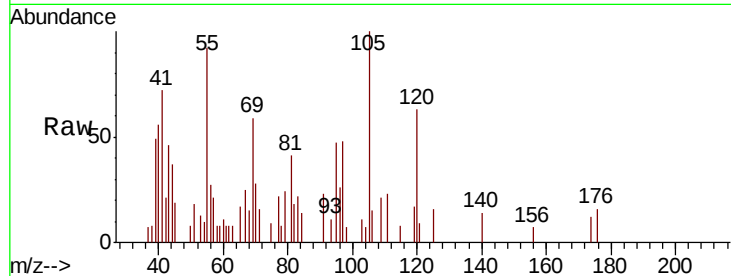
EPH-4-8-WC-002

Tot Ion:105 Resp: 4132

Ion Ratio Lower Upper

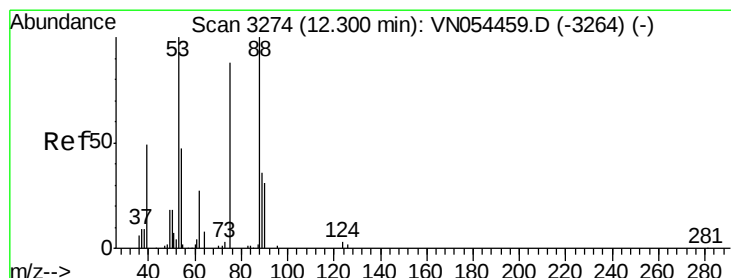
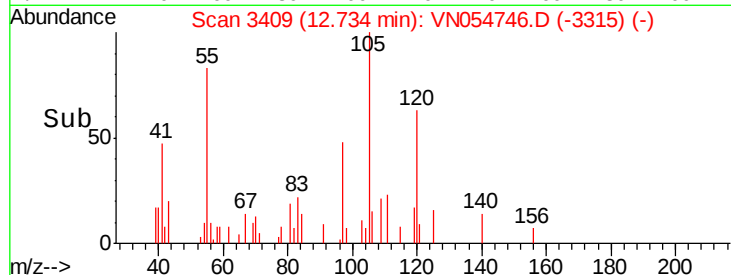
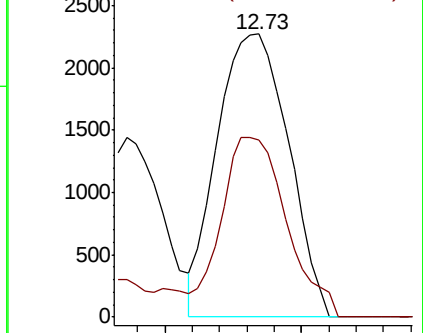
105 100

120 58.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 122.722 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

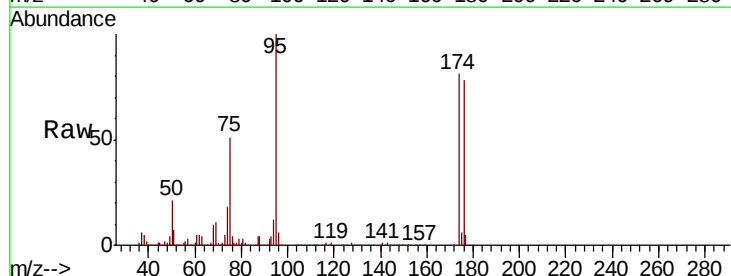
Tgt Ion: 75 Resp: 171701

Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.2#

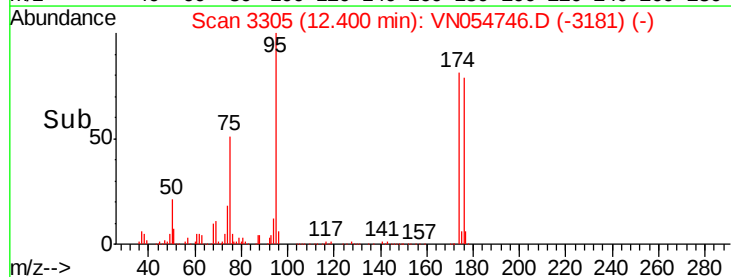
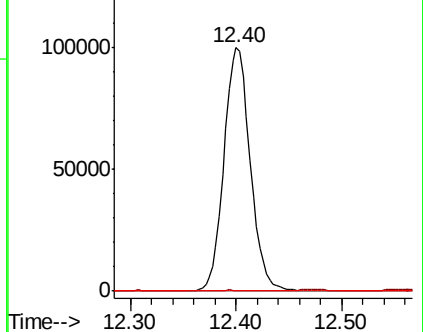
89 0.1 39.2 58.8#

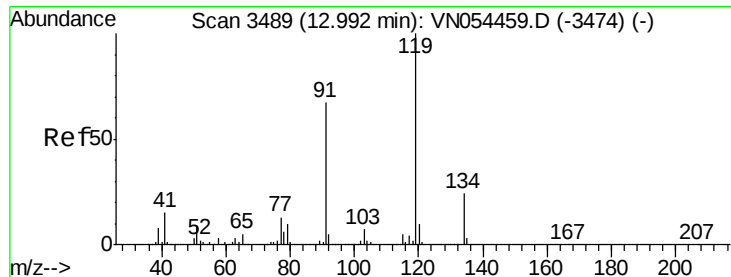


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

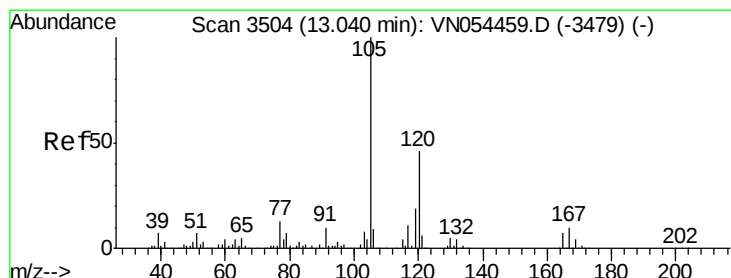
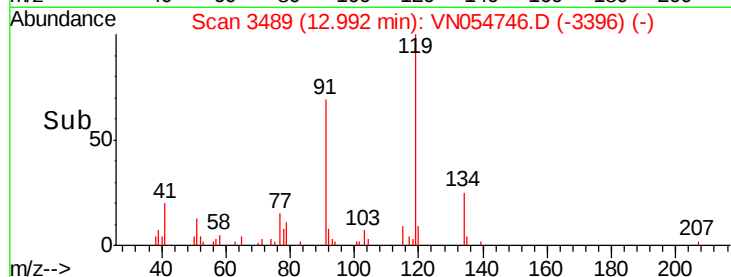
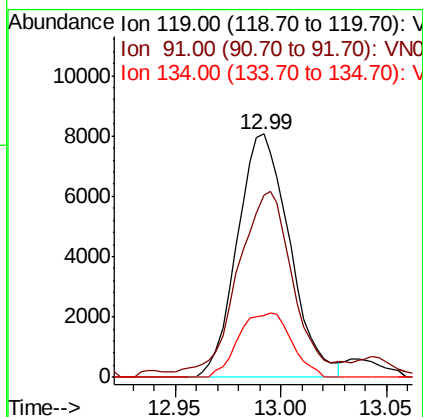
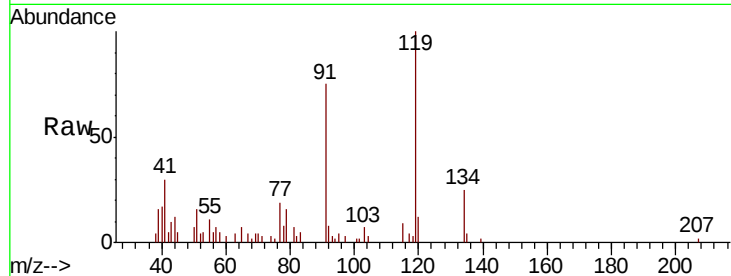




#83
 tert-Butylbenzene
 Concen: 0.828 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

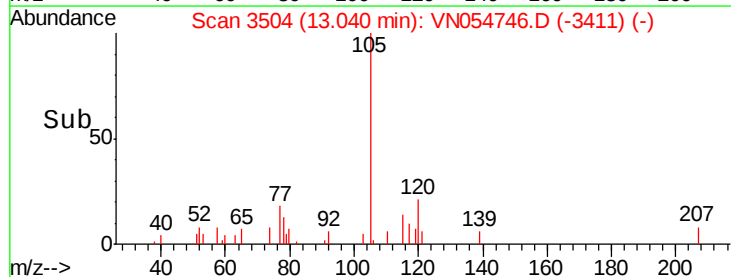
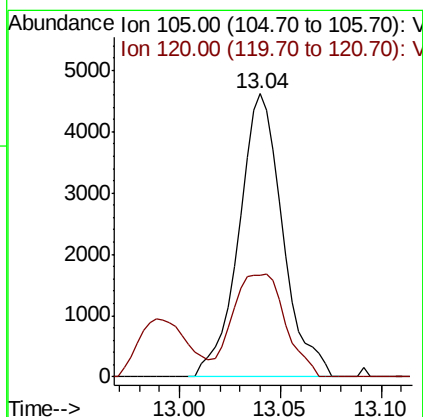
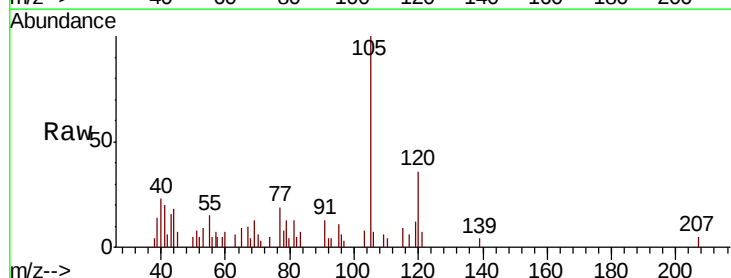
Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

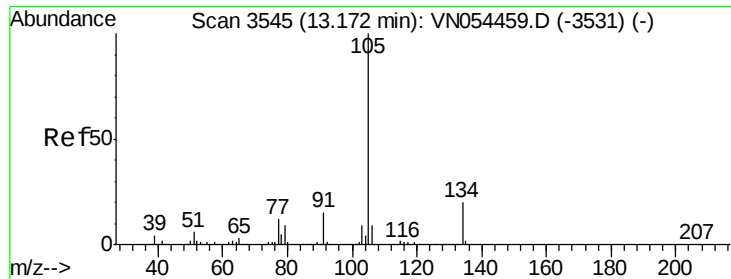
Tot Ion:119 Resp: 13911
 Ion Ratio Lower Upper
 119 100
 91 74.8 30.9 92.8
 134 26.6 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.370 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion:105 Resp: 7016
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.4 70.3

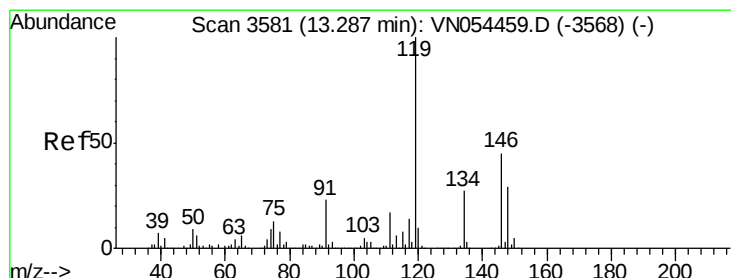
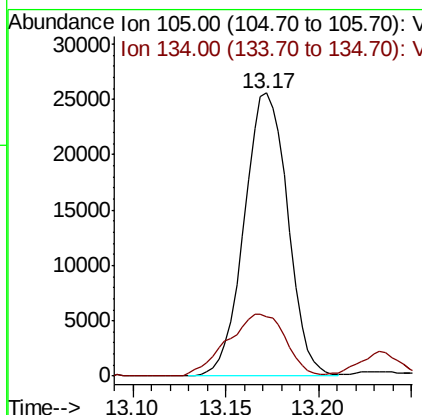
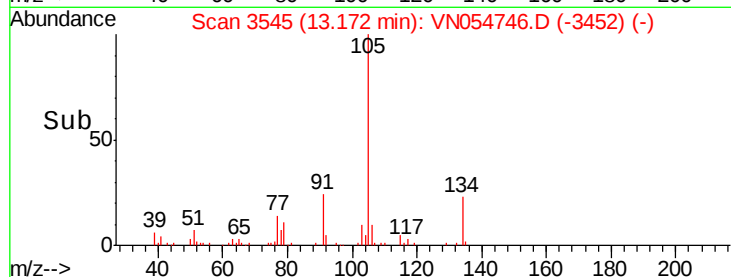
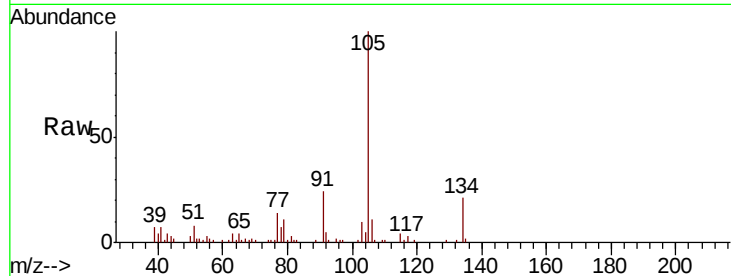




#85
 sec-Butylbenzene
 Concen: 2.007 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

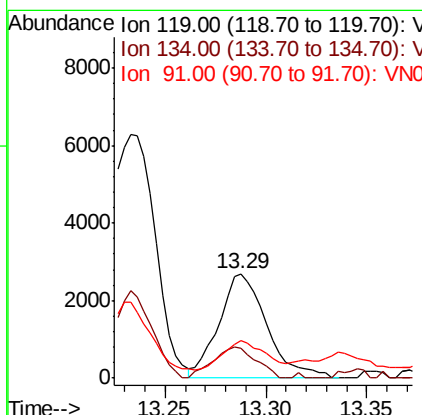
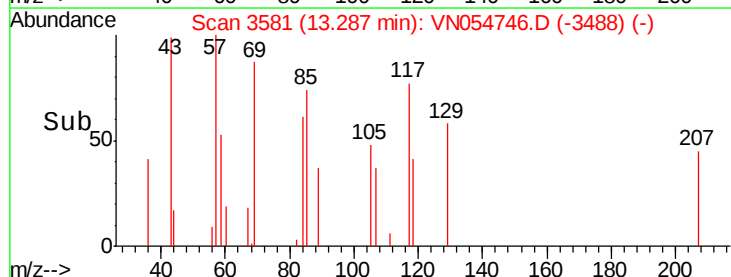
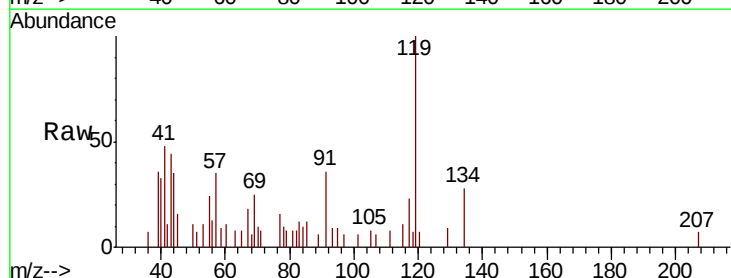
Instrument :
 MSVOA_N
 ClientSampleId :
 EPH-4-8-WC-002

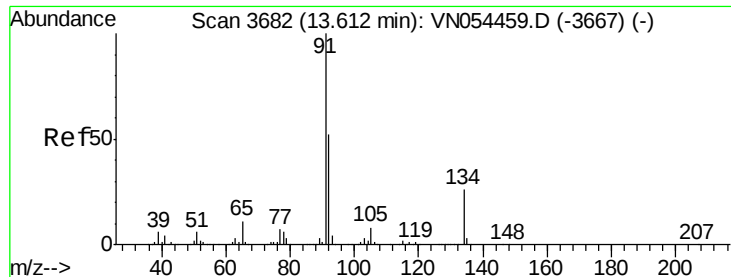
Tot Ion:105 Resp: 42037
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 0.238 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054746.D
 Acq: 28 Mar 2019 15:58

Tgt Ion:119 Resp: 4468
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 24.0 11.1 33.3

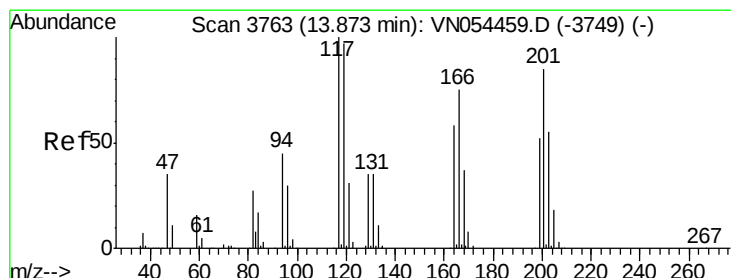
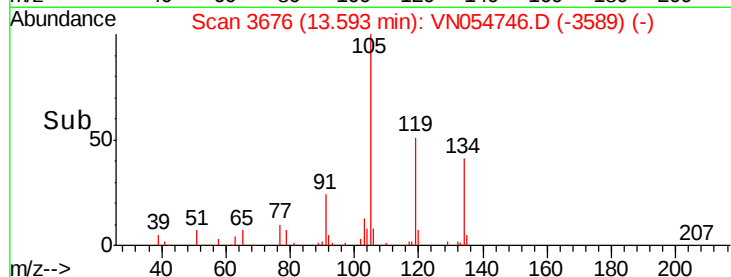
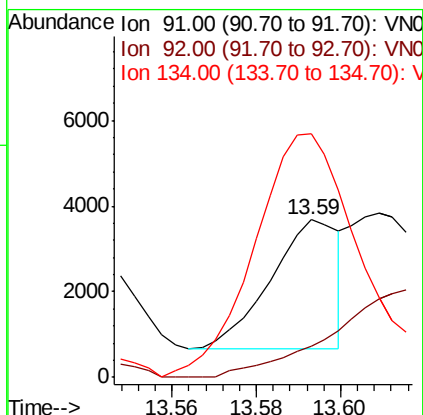
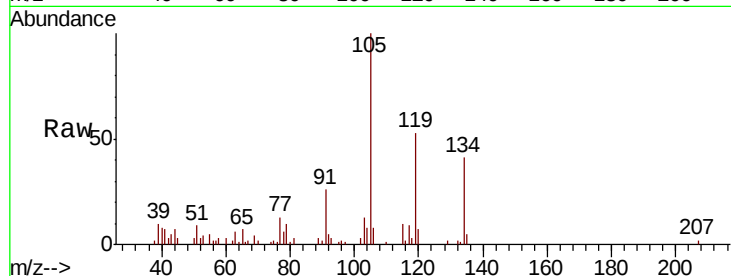




#89
n-Butylbenzene
Concen: 0.231 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. -0.02 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

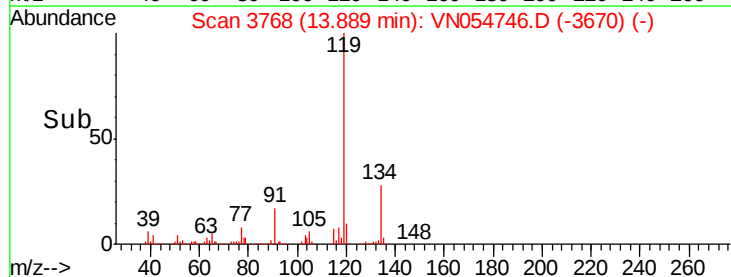
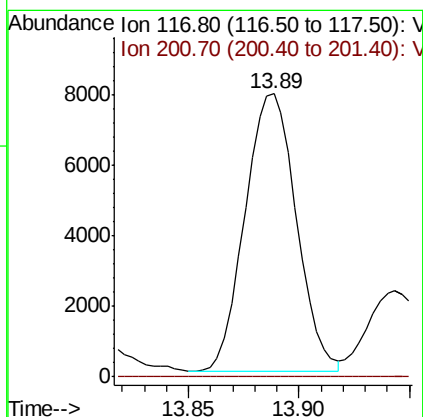
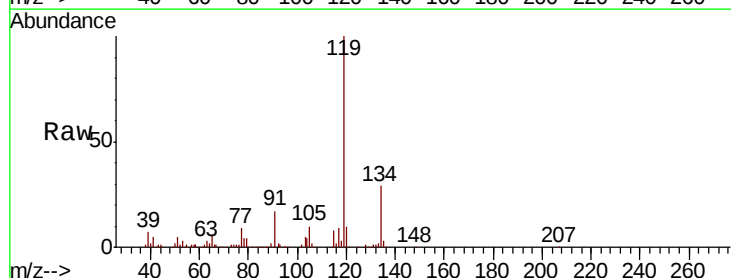
Instrument :
MSVOA_N
ClientSampleId :
EPH-4-8-WC-002

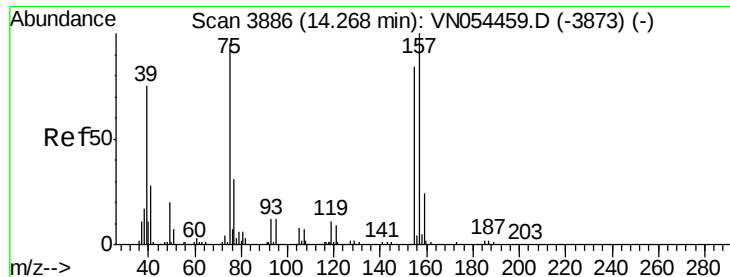
Tot Ion: 91 Resp: 3391
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.6#
134 298.8 14.3 42.9#



#90
Hexachloroethane
Concen: 4.391 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN054746.D
Acq: 28 Mar 2019 15:58

Tgt Ion: 117 Resp: 12771
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.384 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

EPH-4-8-WC-002

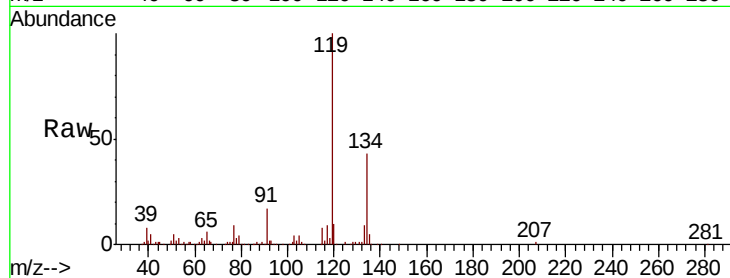
Tot Ion: 75 Resp: 1880

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

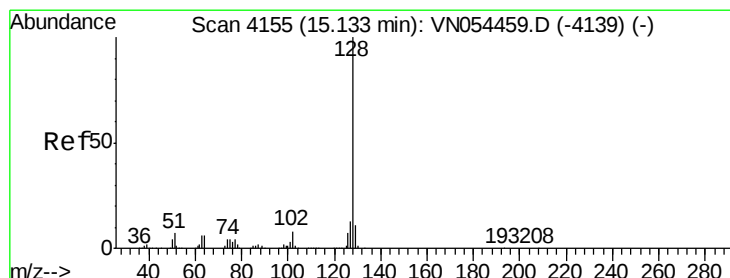
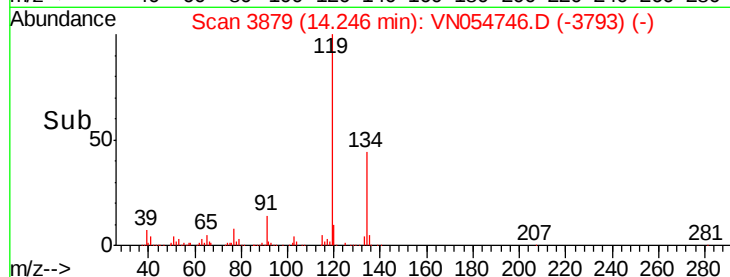
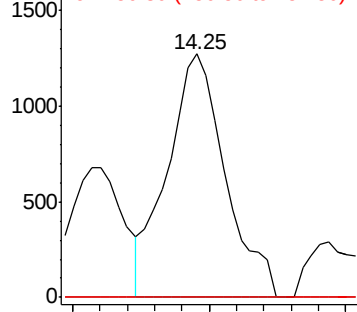
157 0.0 63.1 189.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 1.119 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054746.D

Acq: 28 Mar 2019 15:58

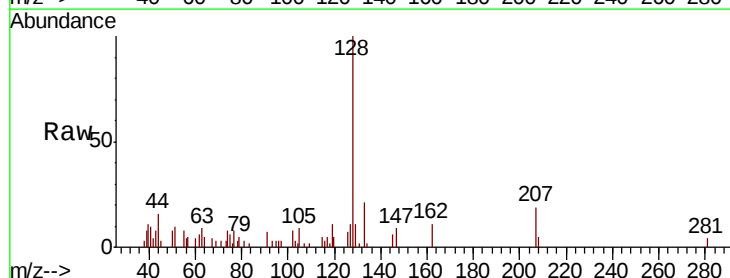
Tgt Ion: 128 Resp: 11664

Ion Ratio Lower Upper

128 100

127 3.2 10.1 15.1#

129 8.8 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

