

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058519.D
 Acq On : 3 Oct 2019 18:40
 Operator : JC/SP
 Sample : K5095-04 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

Quant Time: Oct 04 03:22:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	349259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	586693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196589	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	257511	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.57	113	186764	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.08	98	726356	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.41	95	230232	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.73	101	9028	2.671	ug/l	97
11) Tert butyl alcohol	4.77	59	193	0.340	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	81071	24.606	ug/l	98
16) Acetone	3.79	43	441	0.253	ug/l #	47
20) Methylene Chloride	4.53	84	7243	1.804	ug/l #	93
24) 1,1-Dichloroethane	5.83	63	47509	6.543	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	58766	13.724	ug/l	93
30) Chloroform	7.36	83	11299	1.536	ug/l	95
31) Cyclohexane	7.65	56	8880	1.257	ug/l #	13
32) 1,1,1-Trichloroethane	7.55	97	2503822	414.360	ug/l	99
36) 1,1-Dichloropropene	7.65	75	30453	5.428	ug/l #	51
38) Carbon Tetrachloride	7.65	117	38317	7.567	ug/l #	17
39) Methylcyclohexane	8.83	83	1717	0.262	ug/l #	1
40) Benzene	8.03	78	46684	2.895	ug/l	95
42) 1,2-Dichloroethane	8.11	62	1789	0.285	ug/l #	78
43) Isopropyl Acetate	8.21	43	24354	2.723	ug/l #	64
44) Trichloroethene	8.82	130	114199	28.681	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	2906	0.633	ug/l	96
52) Toluene	10.15	92	80076	7.889	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	6340	1.715	ug/l	96
60) Dibromochloromethane	10.63	129	1438871	379.613	ug/l #	11
64) Tetrachloroethene	10.63	164	1474382	463.742	ug/l	98
65) Chlorobenzene	11.44	112	2100	0.211	ug/l #	88
67) Ethyl Benzene	11.52	91	3632	0.202	ug/l #	88
68) m/p-Xylenes	11.62	106	3270	0.482	ug/l	96
69) o-Xylene	11.95	106	2114	0.324	ug/l	97
71) Bromoform	12.41	173	1468	1.320	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	128116	35.680	ug/l #	100
78) n-propylbenzene	12.60	91	4520	0.276	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	5939	0.488	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.41	75	128116	108.364	ug/l #	7
83) tert-Butylbenzene	13.05	119	2122	0.207	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.05	105	17236	1.415	ug/l	99
90) Hexachloroethane	14.00	117	514	0.288	ug/l #	11

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Response via : Initial Calibration

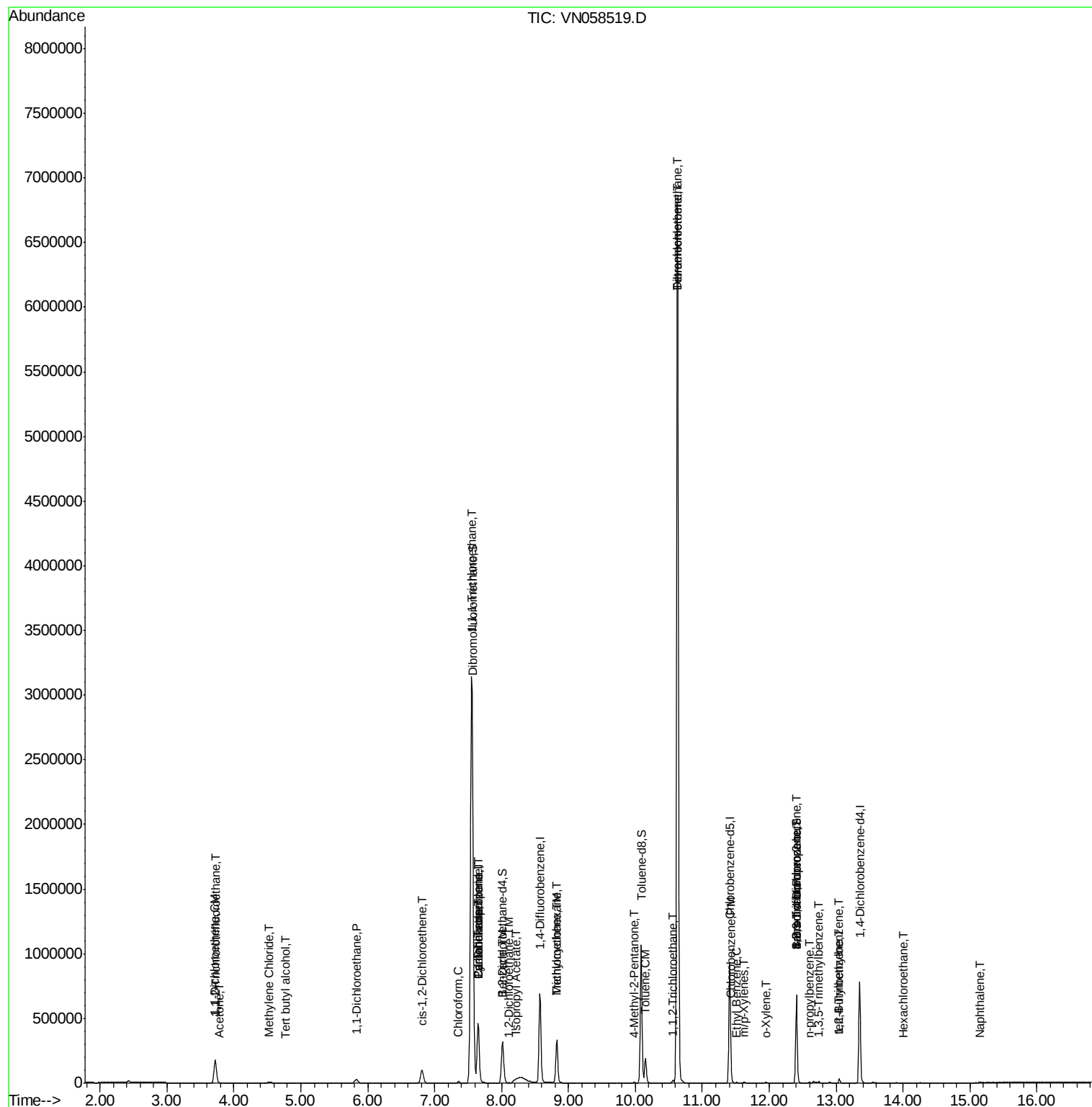
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	4755	0.466	ug/l #	93

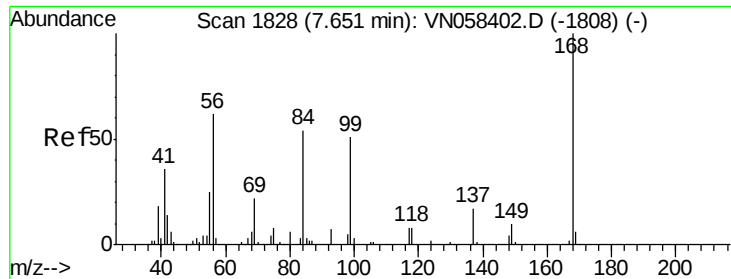
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

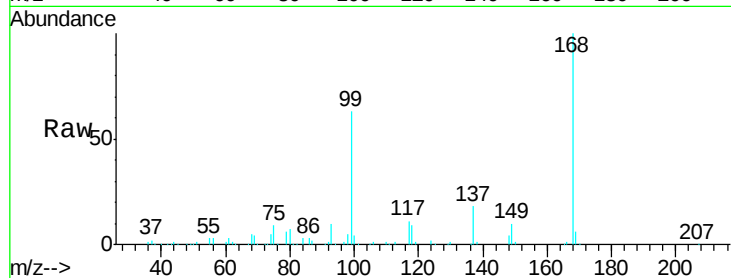
COMPOSITE-4

Tgt Ion:168 Resp: 349259

Ion Ratio Lower Upper

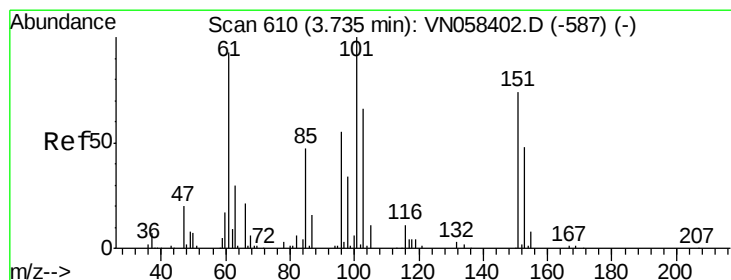
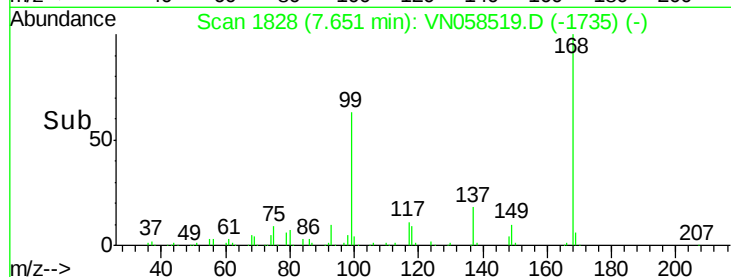
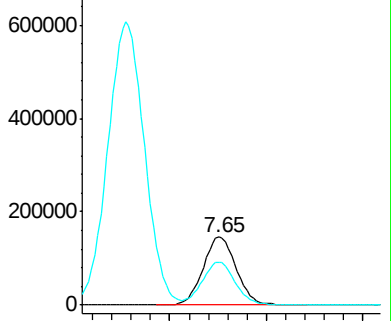
168 100

99 63.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.671 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

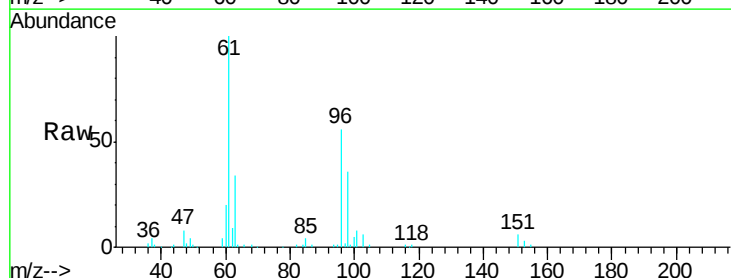
Tgt Ion:101 Resp: 9028

Ion Ratio Lower Upper

101 100

85 47.1 36.7 55.1

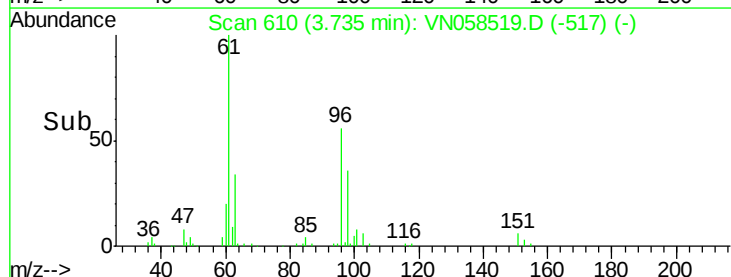
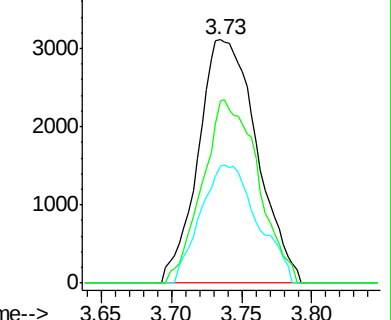
151 71.3 59.4 89.0

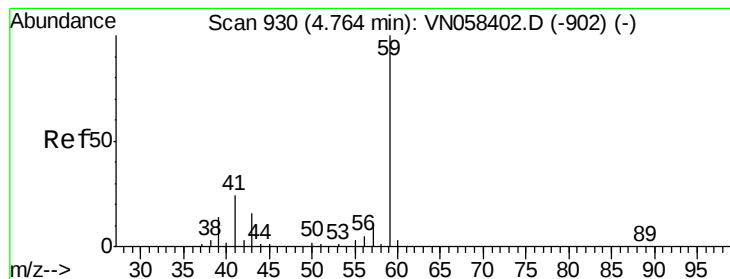


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#11

Tert butyl alcohol

Concen: 0.340 ug/l

RT: 4.77 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

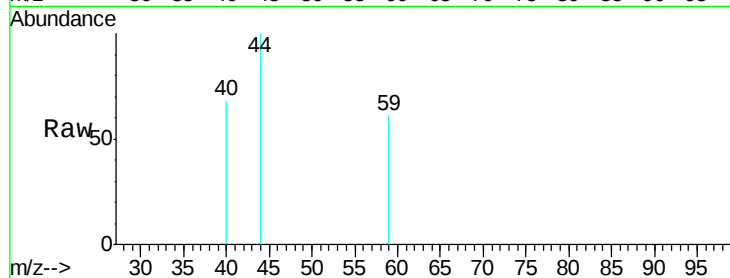
COMPOSITE-4

Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

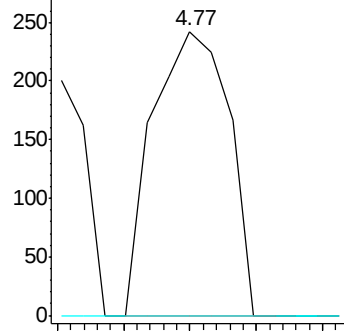
59 100

57 0.0 9.0 13.4#

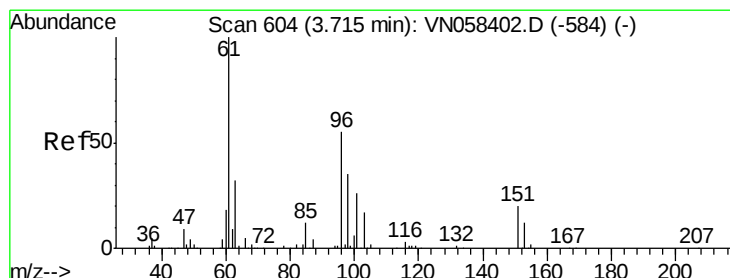
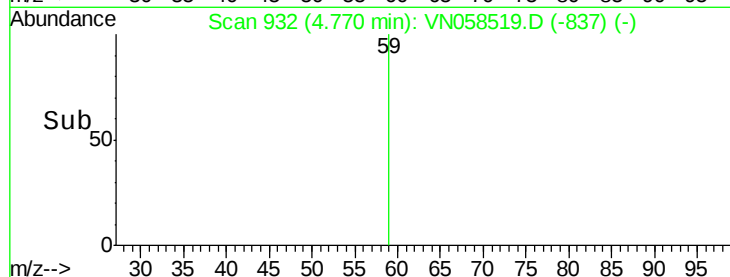


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->



#12

1,1-Dichloroethene

Concen: 24.606 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

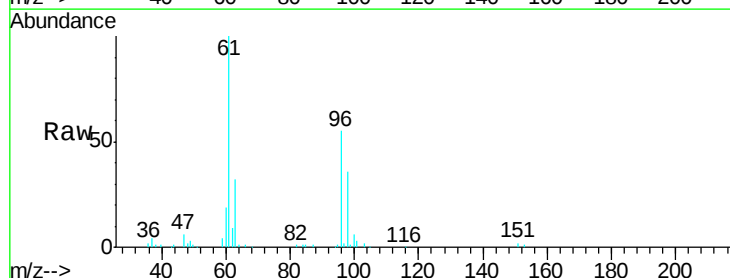
Tgt Ion: 96 Resp: 81071

Ion Ratio Lower Upper

96 100

61 179.9 146.7 220.1

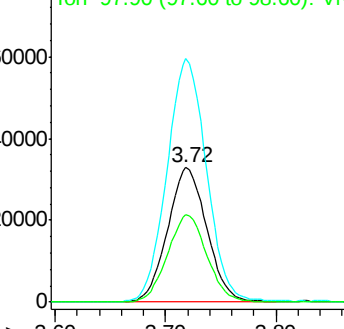
98 64.9 51.3 76.9



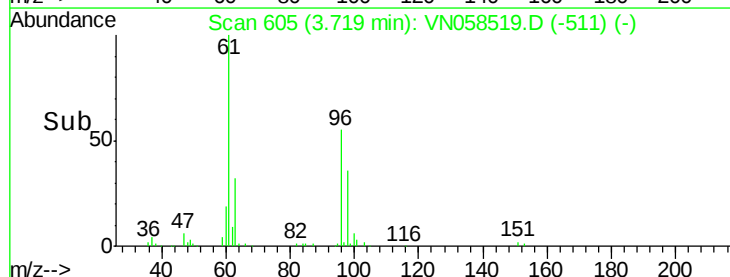
Abundance Ion 95.90 (95.60 to 96.60): VN0

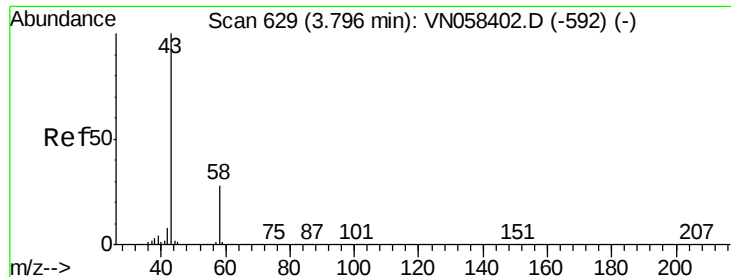
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->

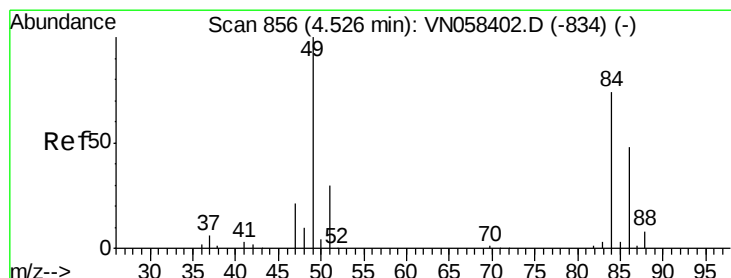
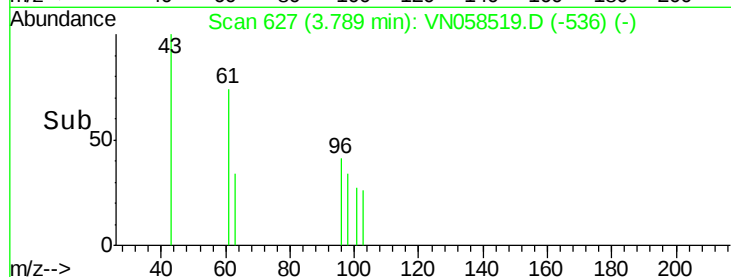
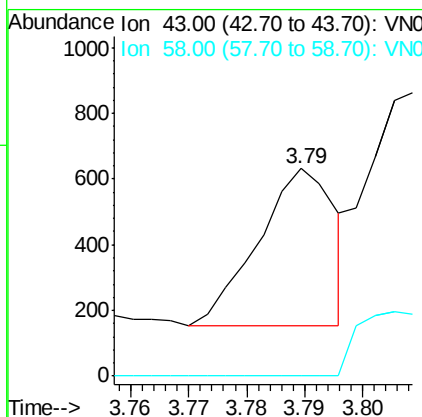
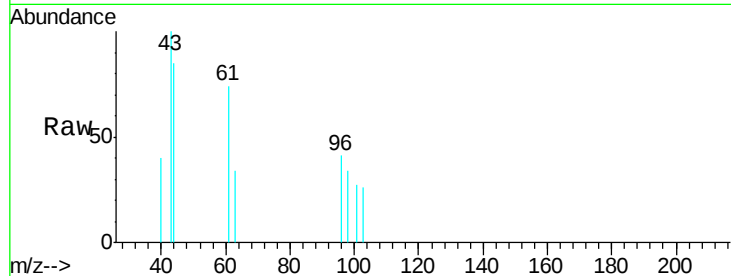




#16
Acetone
Concen: 0.253 ug/l
RT: 3.79 min Scan# 627
Delta R.T. -0.01 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

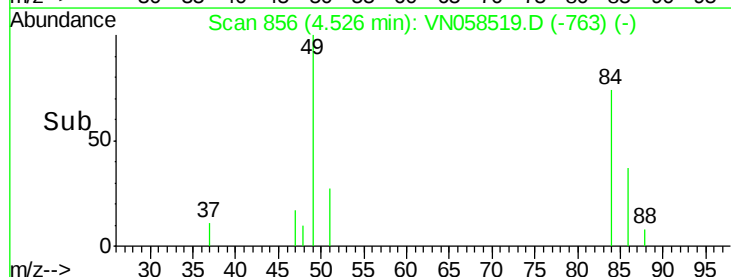
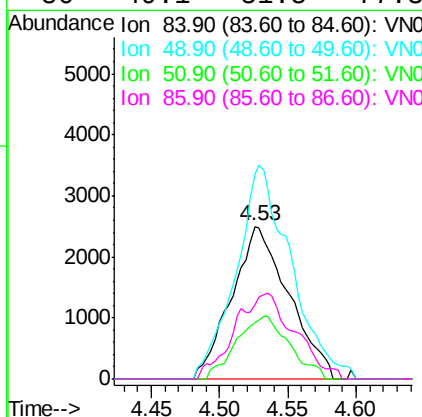
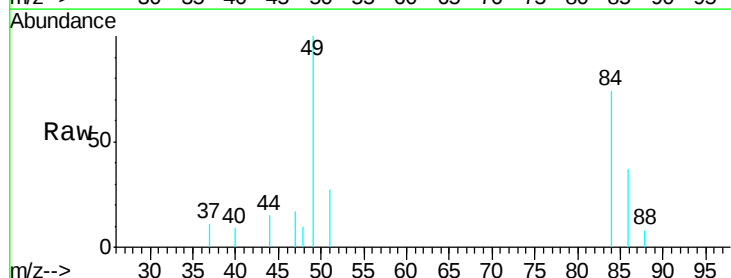
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

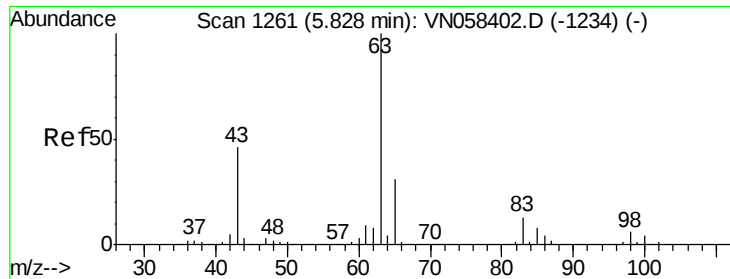
Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#



#20
Methylene Chloride
Concen: 1.804 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion: 84 Resp: 7243
Ion Ratio Lower Upper
84 100
49 134.3 107.9 161.9
51 36.6 32.8 49.2
86 49.1 51.5 77.3#





#24

1,1-Dichloroethane

Concen: 6.543 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

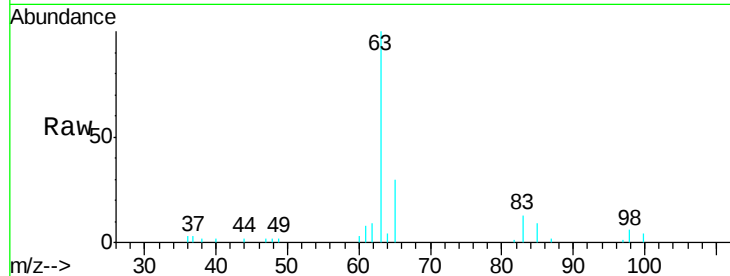
Tgt Ion: 63 Resp: 47509

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

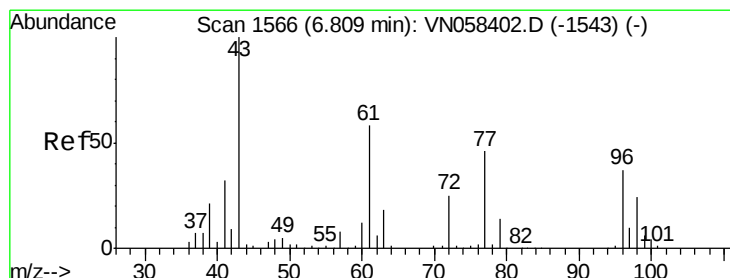
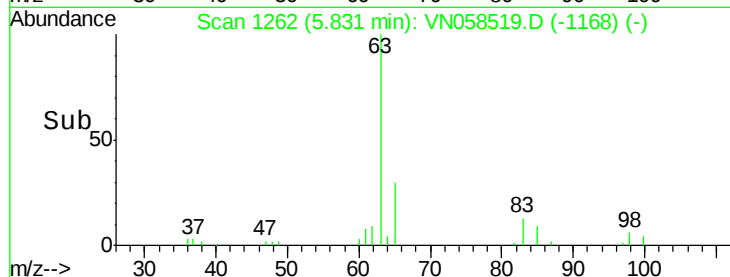
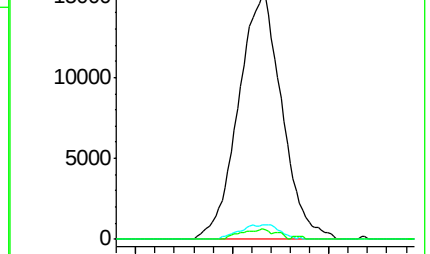
100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN058402.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN058402.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN058402.D (-1234) (-)



#27

cis-1,2-Dichloroethene

Concen: 13.724 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

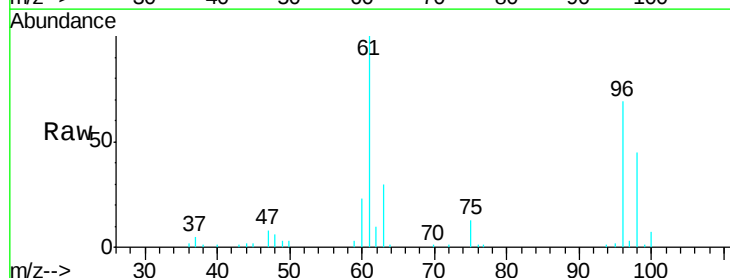
Tgt Ion: 96 Resp: 58766

Ion Ratio Lower Upper

96 100

61 146.4 0.0 318.8

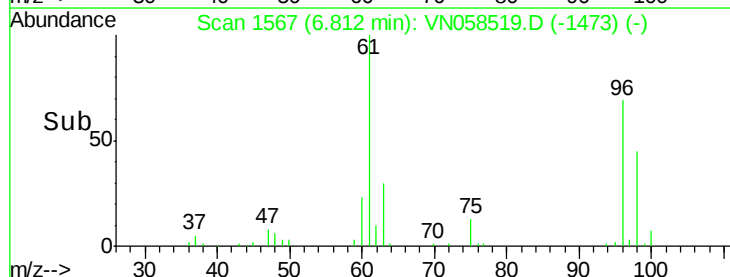
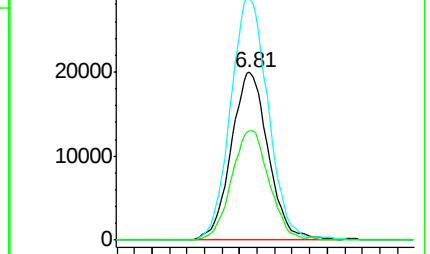
98 66.0 0.0 129.8

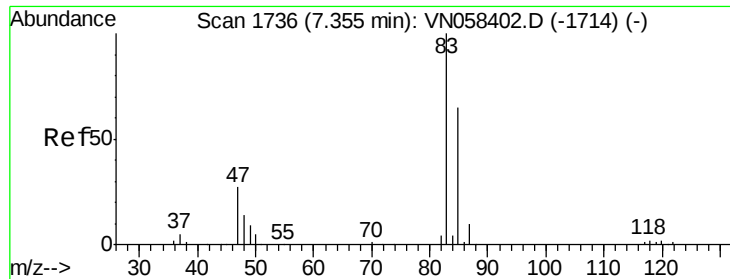


Abundance Ion 95.90 (95.60 to 96.60): VN058402.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN058402.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN058402.D (-1543) (-)

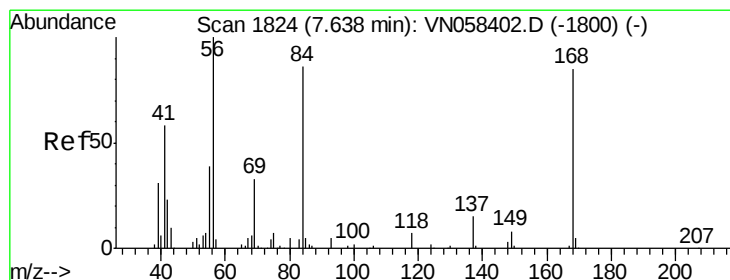
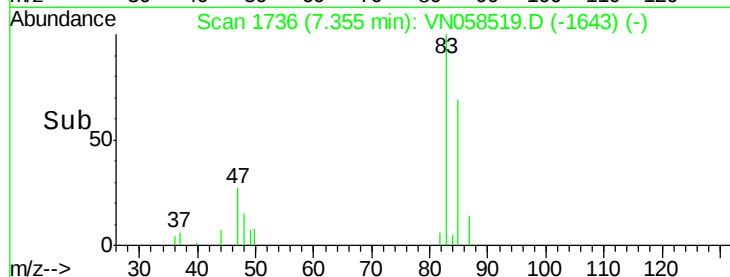
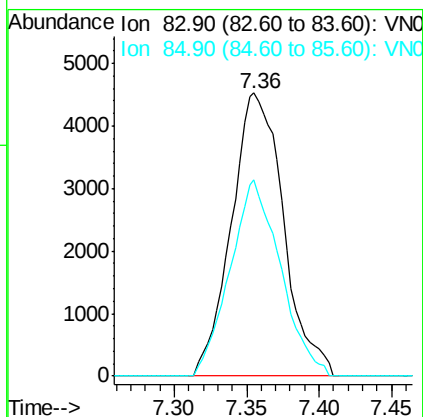
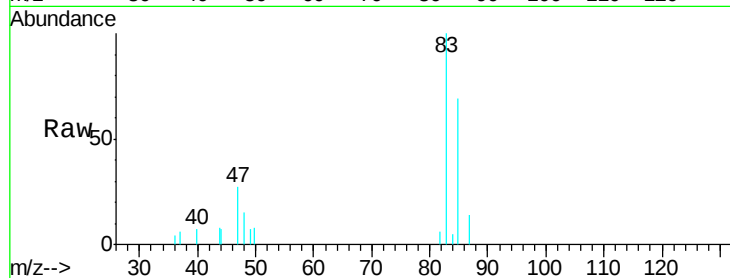




#30
Chloroform
Concen: 1.536 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

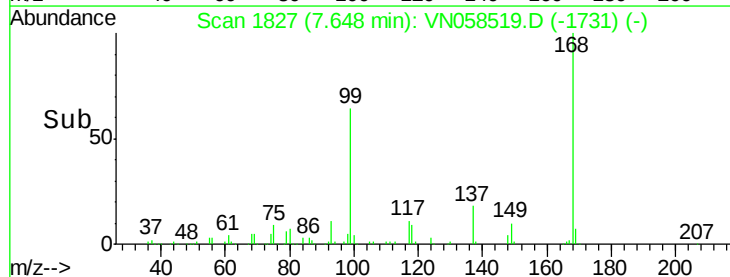
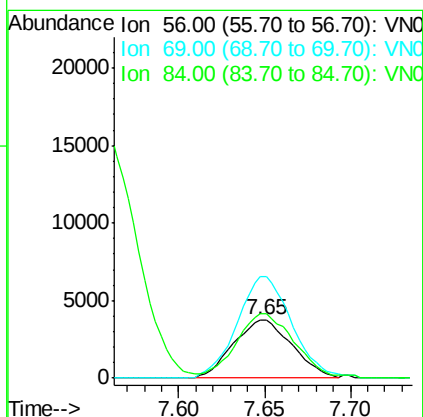
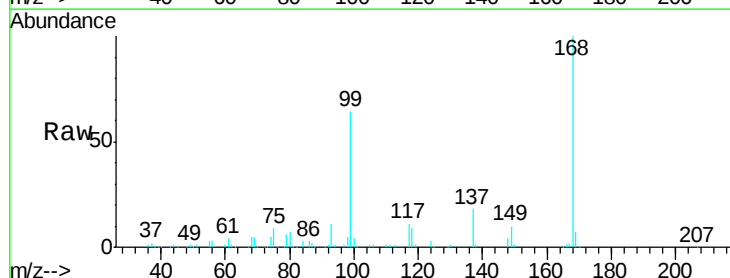
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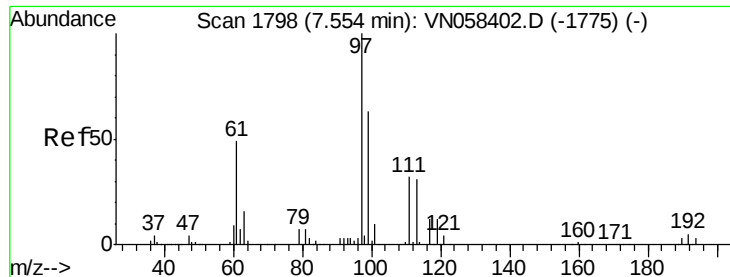
Tgt Ion: 83 Resp: 11299
Ion Ratio Lower Upper
83 100
85 69.1 52.0 78.0



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion: 56 Resp: 8880
Ion Ratio Lower Upper
56 100
69 174.0 26.2 39.4#
84 106.1 67.6 101.4#





#32

1,1,1-Trichloroethane

Concen: 414.360 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-4

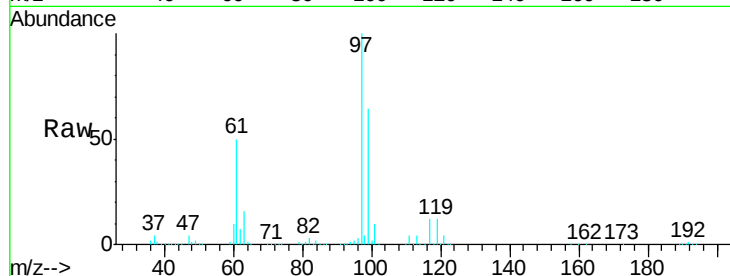
Tgt Ion: 97 Resp: 2503822

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

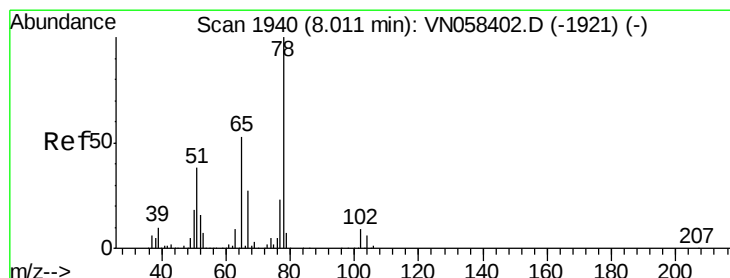
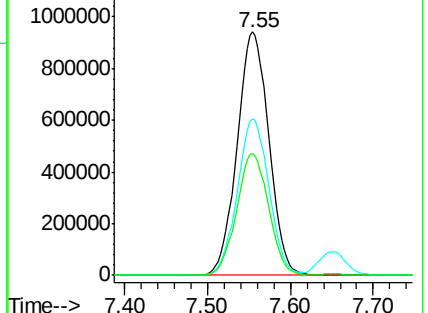
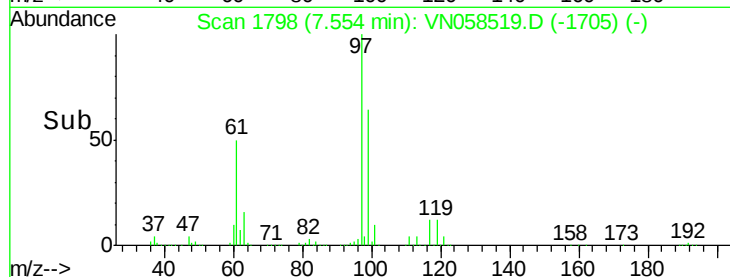
61 50.5 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN058519.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN058519.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN058519.D (-1705) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.454 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058519.D

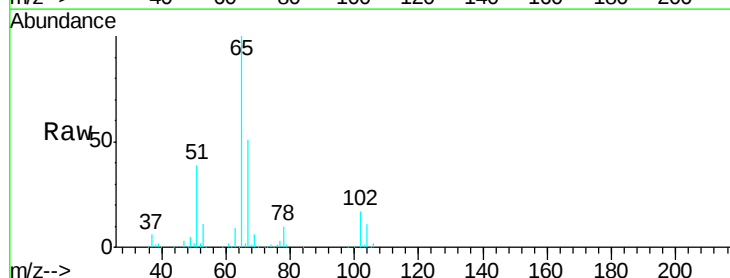
Acq: 3 Oct 2019 18:40

Tgt Ion: 65 Resp: 257511

Ion Ratio Lower Upper

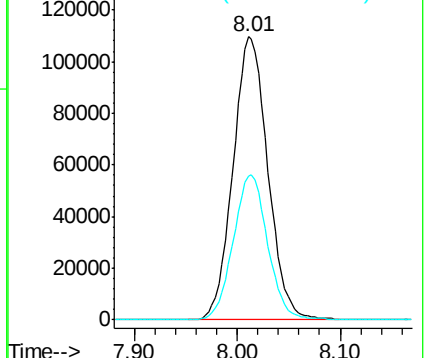
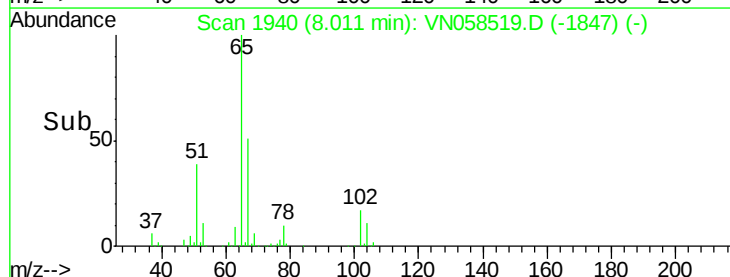
65 100

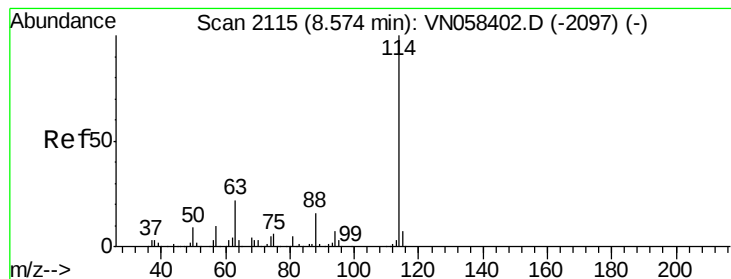
67 50.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058519.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058519.D (-1847) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

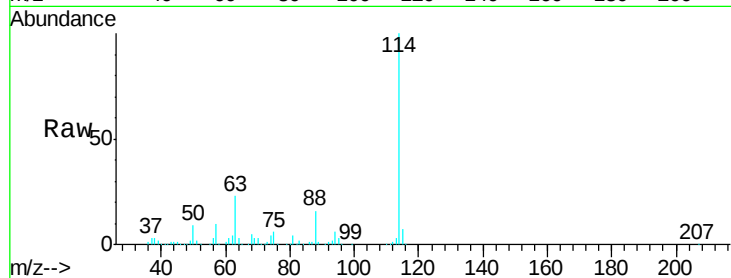
Tgt Ion:114 Resp: 586693

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

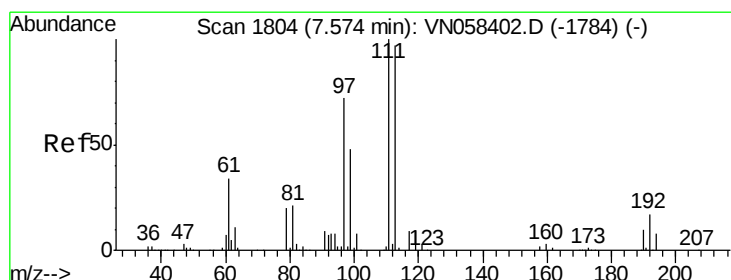
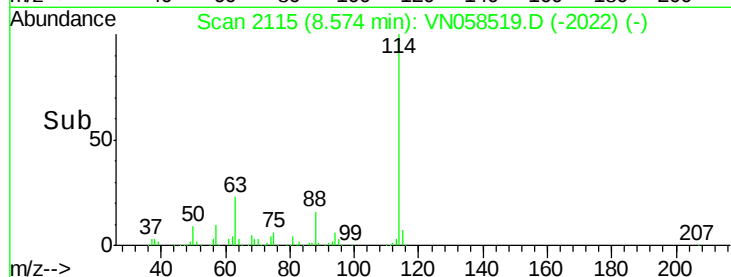
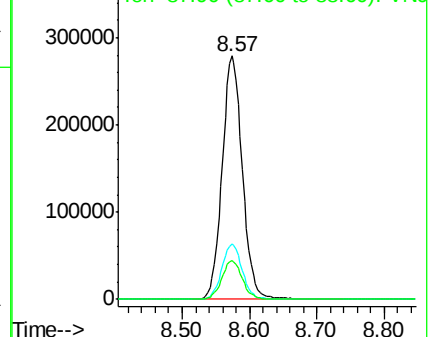
88 16.0 0.0 32.2



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: 51.940 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

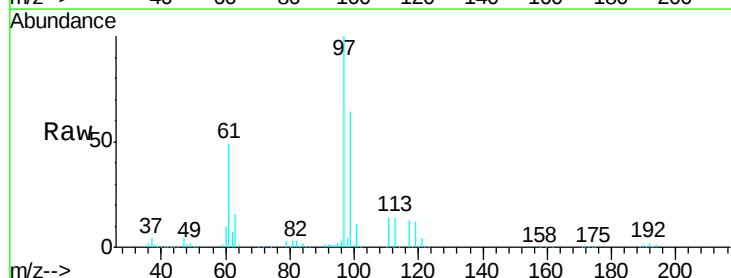
Tgt Ion:113 Resp: 186764

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

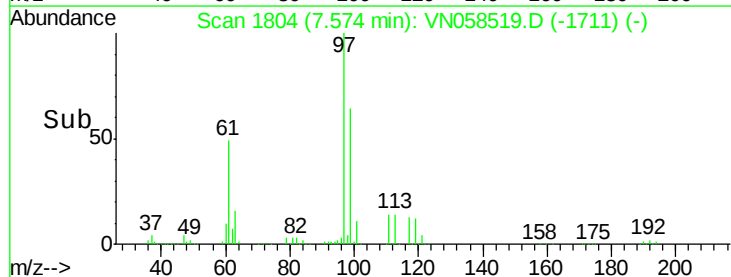
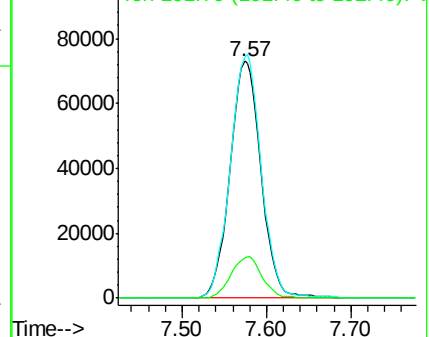
192 17.5 14.9 22.3

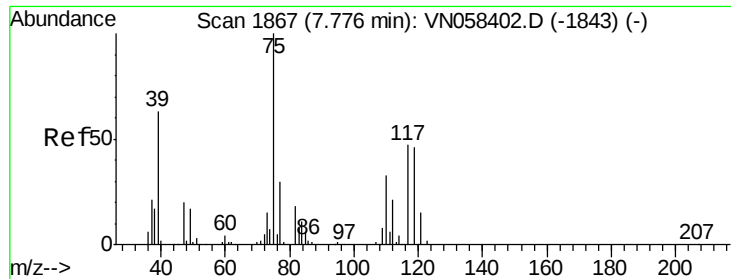


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

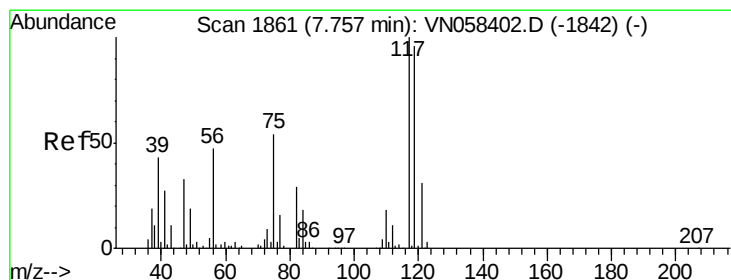
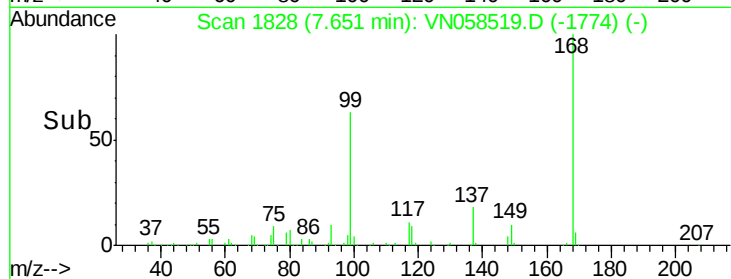
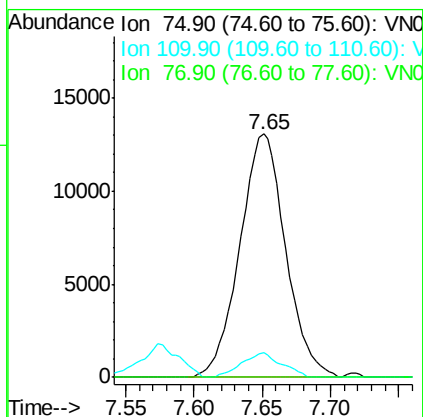
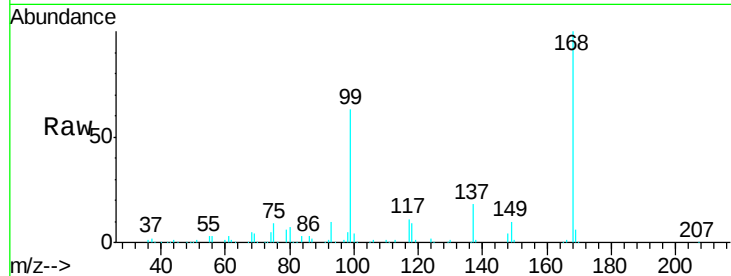




#36
 1,1-Dichloropropene
 Concen: 5.428 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

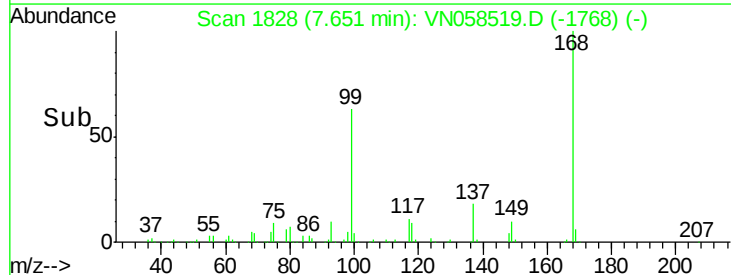
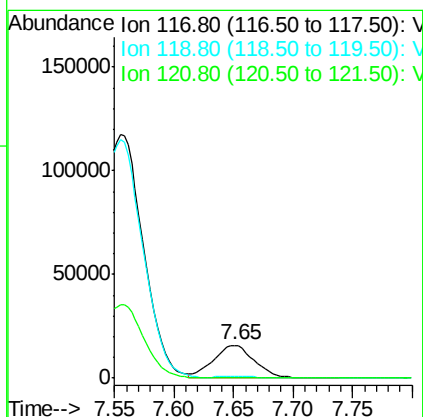
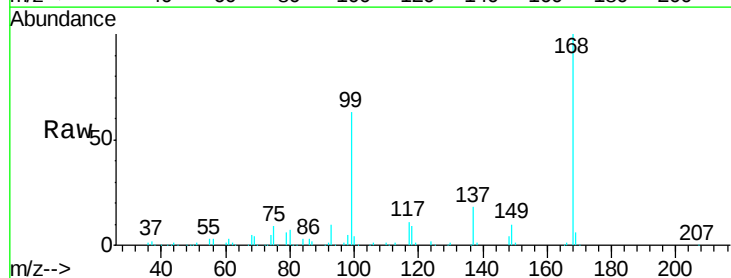
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

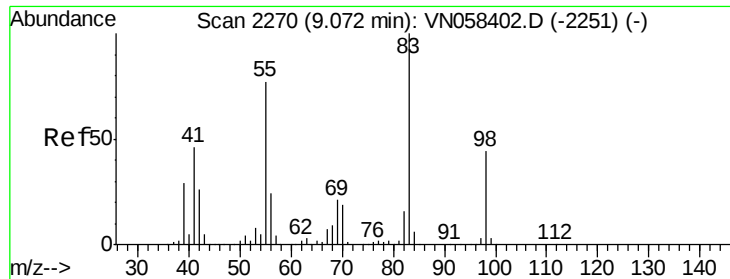
Tgt Ion: 75 Resp: 30453
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.2#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.567 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

Tgt Ion: 117 Resp: 38317
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.6 115.0#
 121 0.0 24.7 37.1#

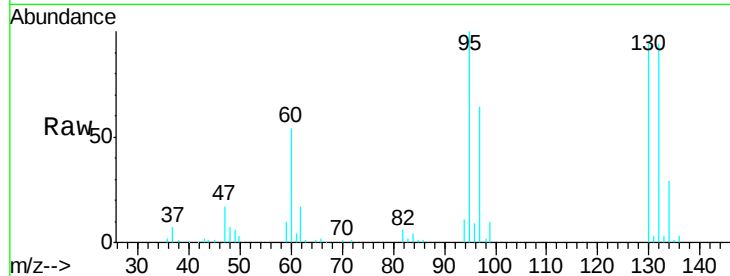




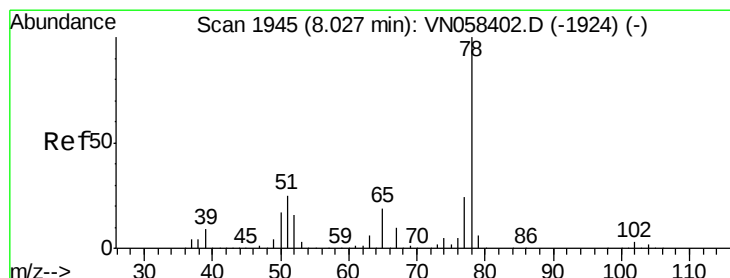
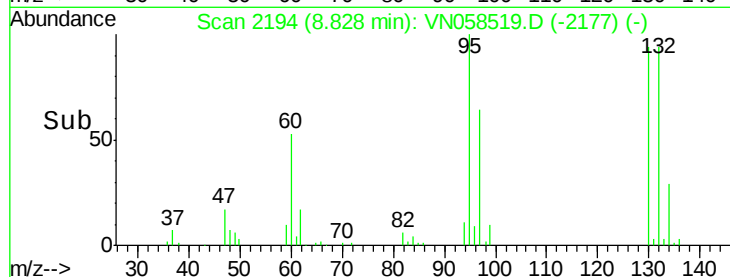
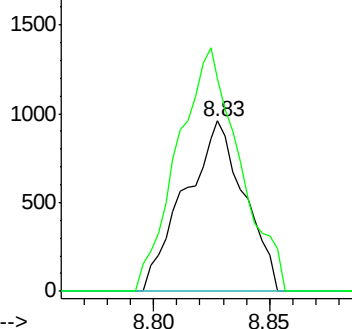
#39
Methylcyclohexane
Concen: 0.262 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. -0.24 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

Tgt Ion: 83 Resp: 1717
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 125.3 35.4 53.0#

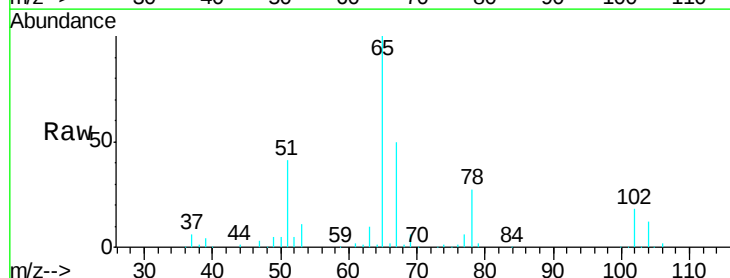


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

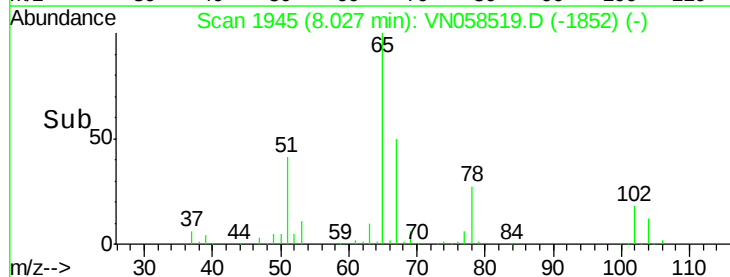
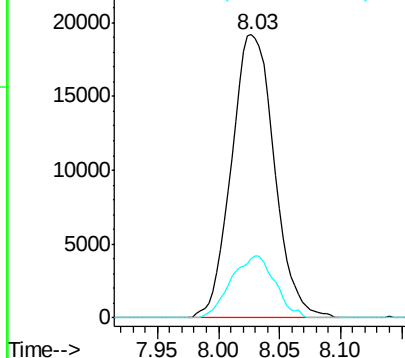


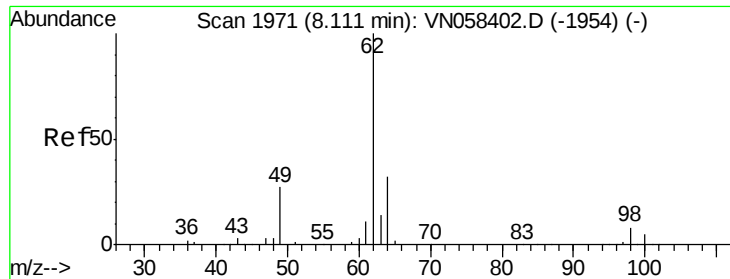
#40
Benzene
Concen: 2.895 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion: 78 Resp: 46684
Ion Ratio Lower Upper
78 100
77 21.0 18.9 28.3



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

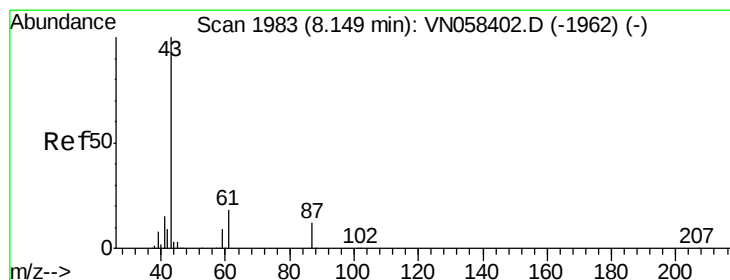
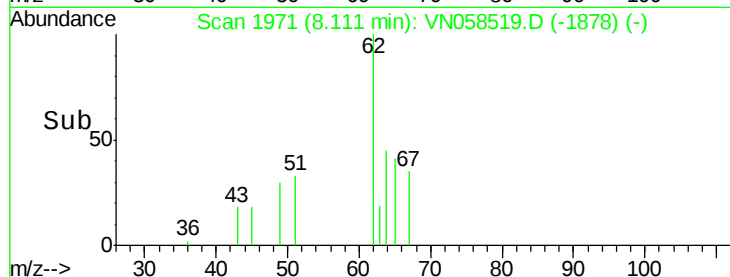
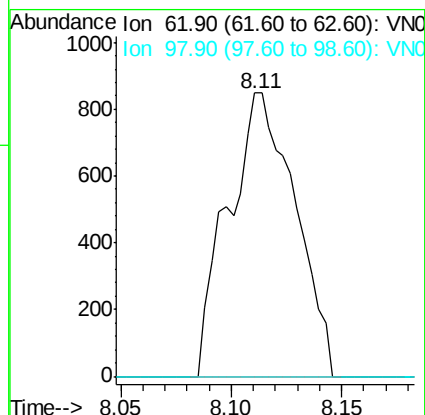
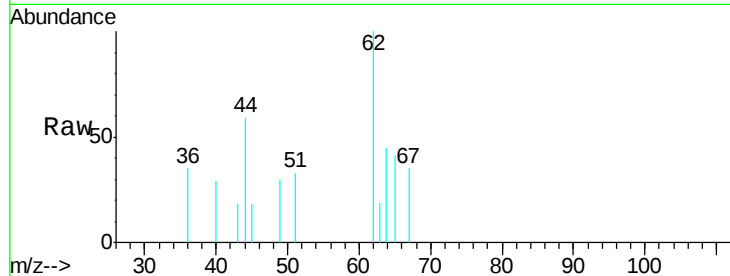




#42
 1,2-Dichloroethane
 Concen: 0.285 ug/l
 RT: 8.11 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

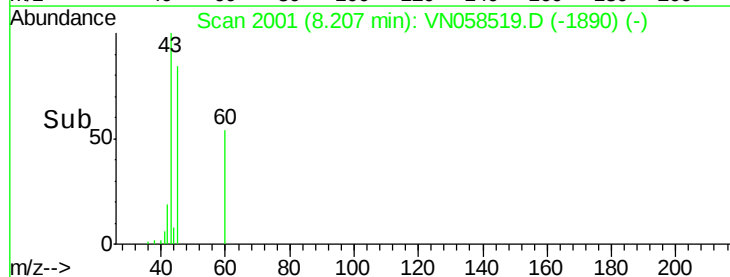
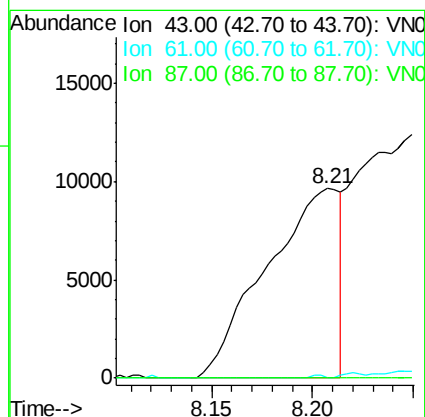
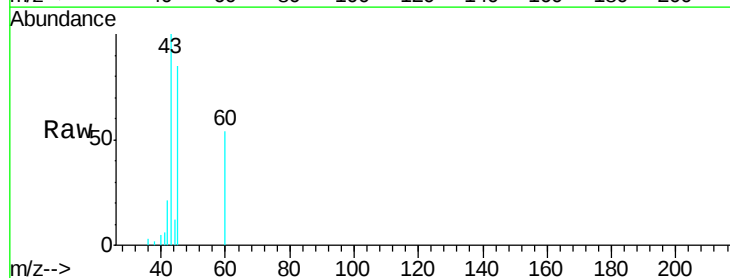
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

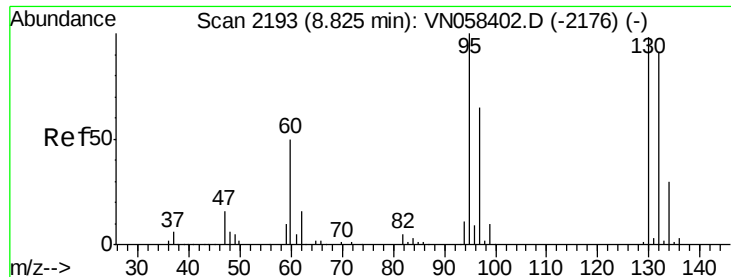
Tgt Ion: 62 Resp: 1789
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 15.6



#43
 Isopropyl Acetate
 Concen: 2.723 ug/l
 RT: 8.21 min Scan# 2001
 Delta R.T. 0.06 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

Tgt Ion: 43 Resp: 24354
 Ion Ratio Lower Upper
 43 100
 61 0.8 14.8 22.2#
 87 0.0 9.7 14.5#





#44

Trichloroethene

Concen: 28.681 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

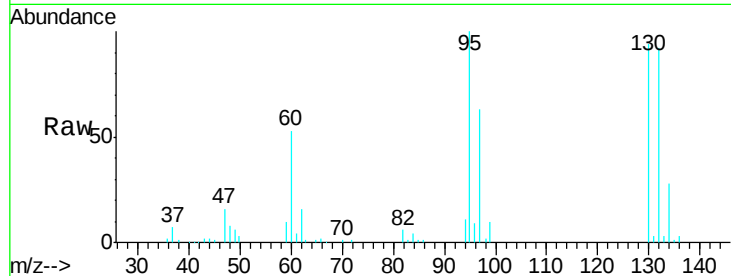
COMPOSITE-4

Tgt Ion:130 Resp: 114199

Ion Ratio Lower Upper

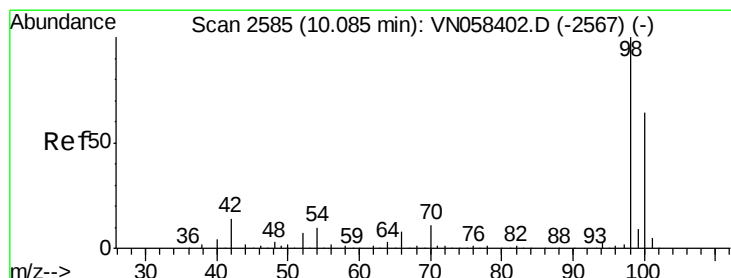
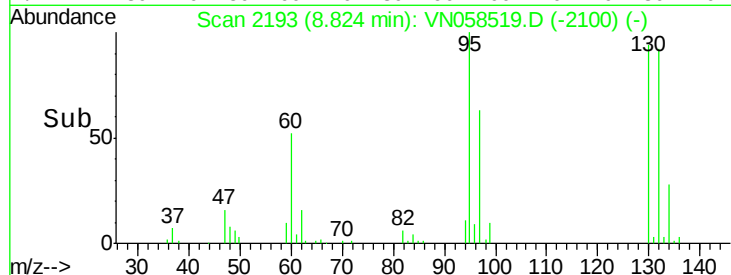
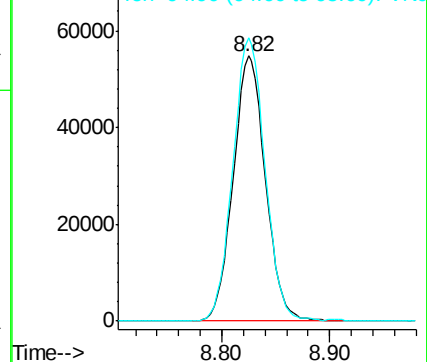
130 100

95 106.7 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.565 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058519.D

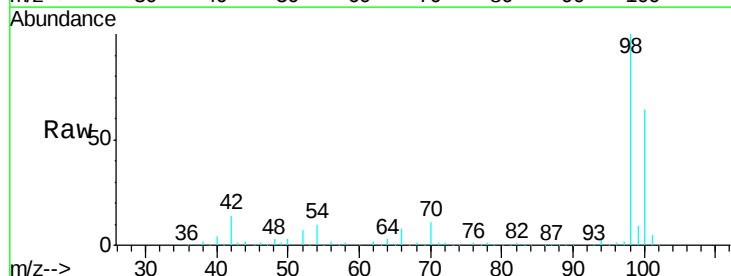
Acq: 3 Oct 2019 18:40

Tgt Ion: 98 Resp: 726356

Ion Ratio Lower Upper

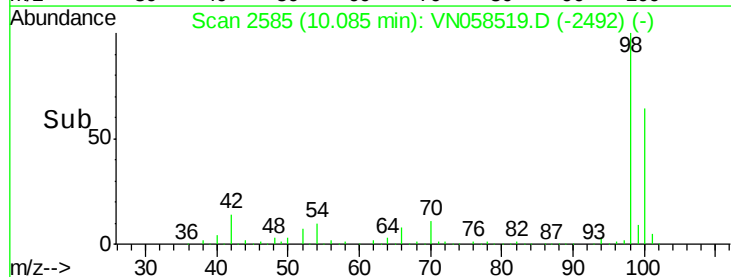
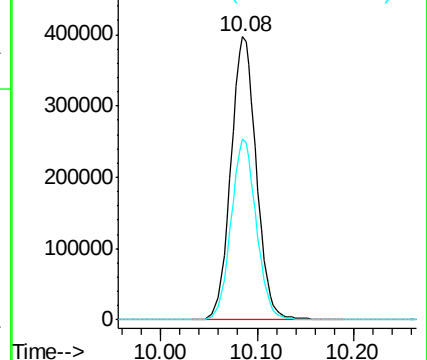
98 100

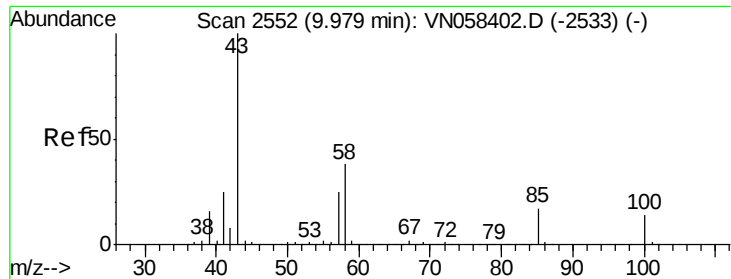
100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.633 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

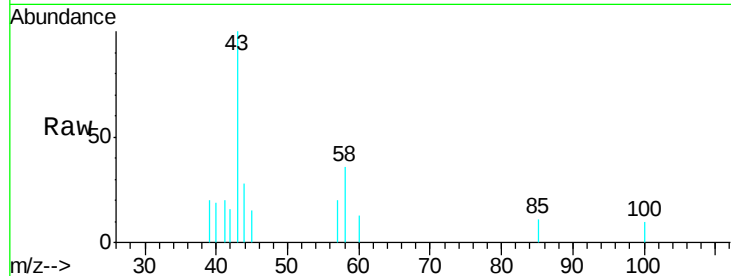
COMPOSITE-4

Tgt Ion: 43 Resp: 2906

Ion Ratio Lower Upper

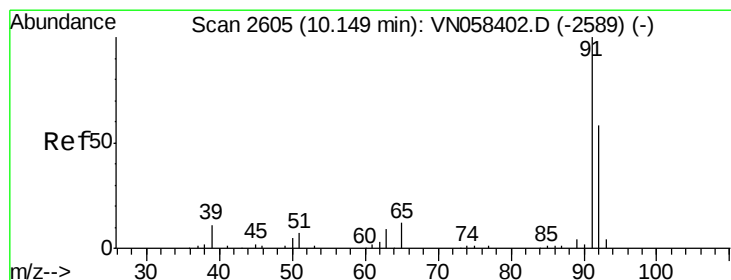
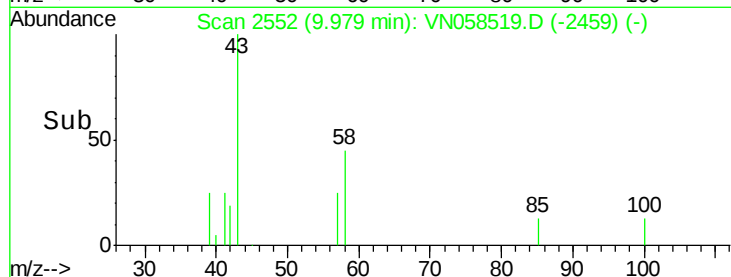
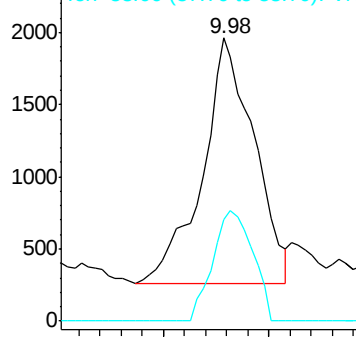
43 100

58 35.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 7.889 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058519.D

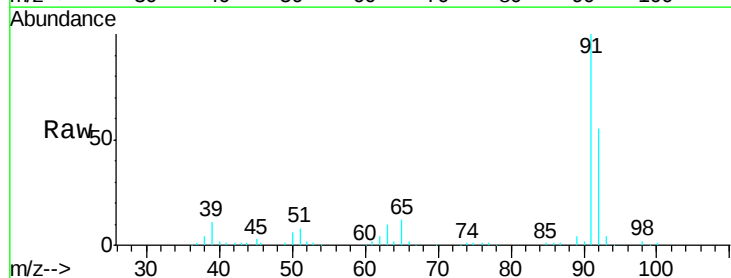
Acq: 3 Oct 2019 18:40

Tgt Ion: 92 Resp: 80076

Ion Ratio Lower Upper

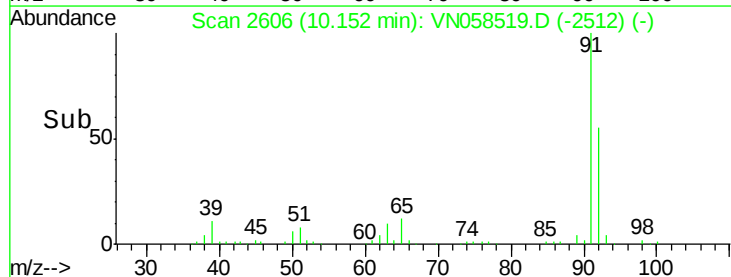
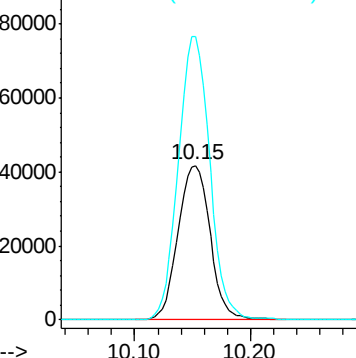
92 100

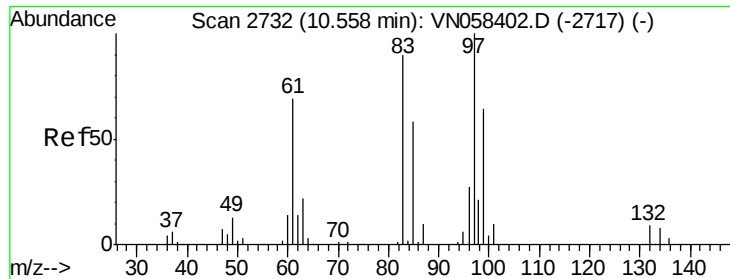
91 179.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

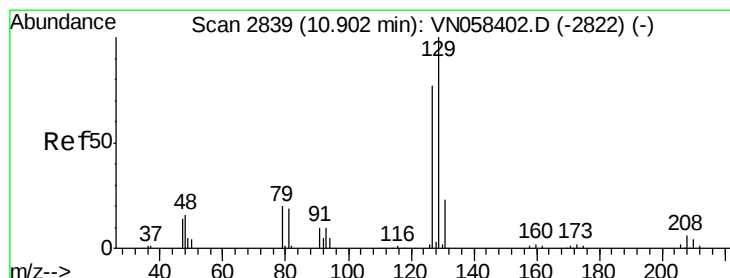
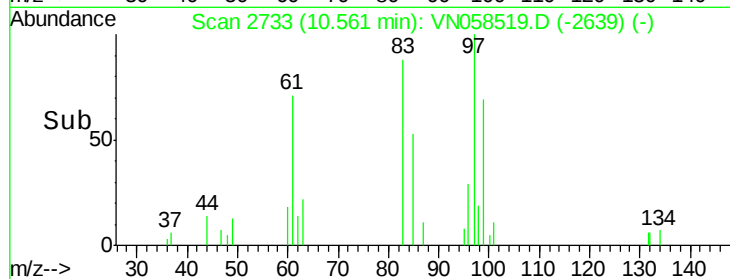
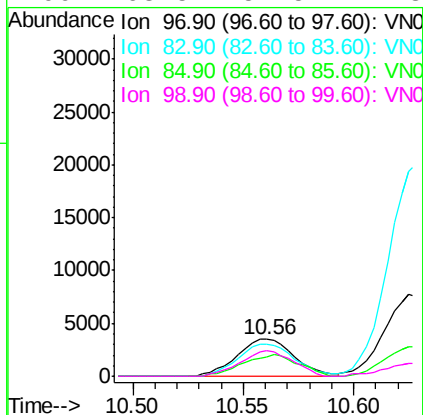
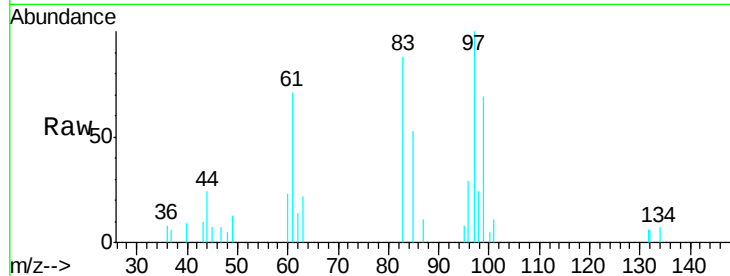




#55
 1,1,2-Trichloroethane
 Concen: 1.715 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

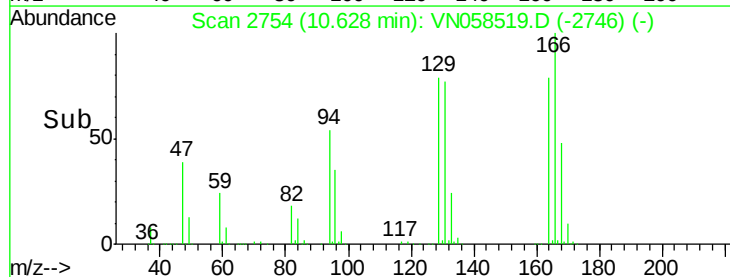
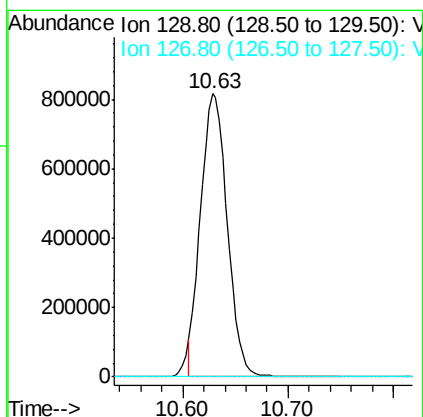
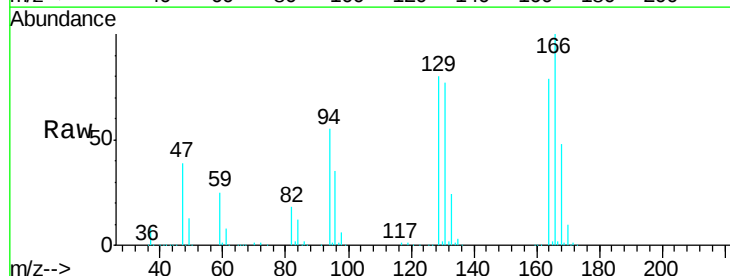
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

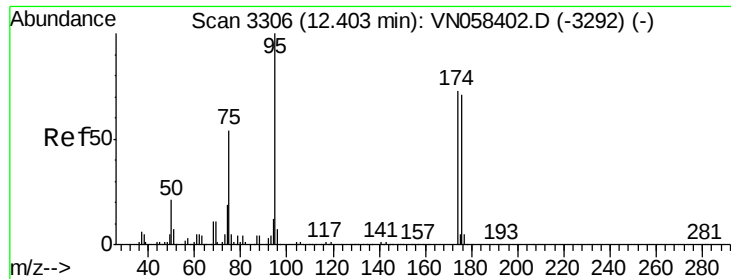
Tgt Ion: 97 Resp: 6340
 Ion Ratio Lower Upper
 97 100
 83 87.6 71.8 107.6
 85 53.2 46.6 69.8
 99 68.5 51.5 77.3



#60
 Dibromochloromethane
 Concen: 379.613 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

Tgt Ion: 129 Resp: 1438871
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#

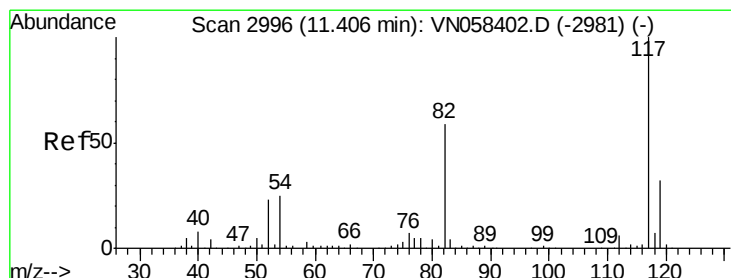
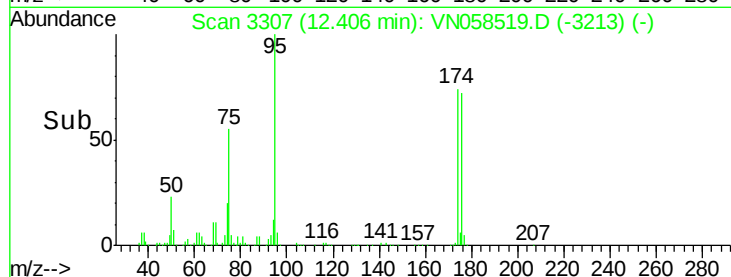
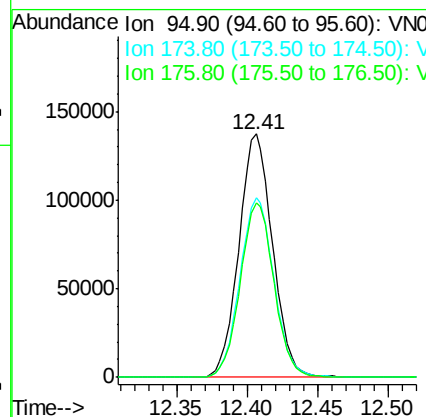
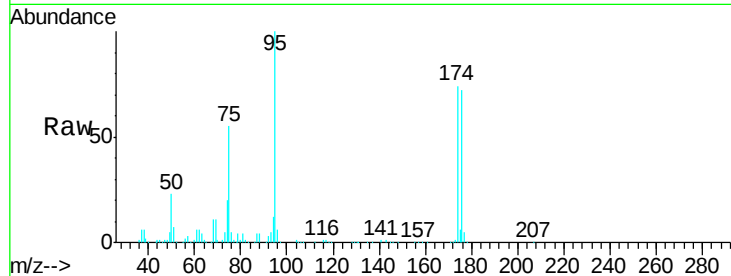




#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

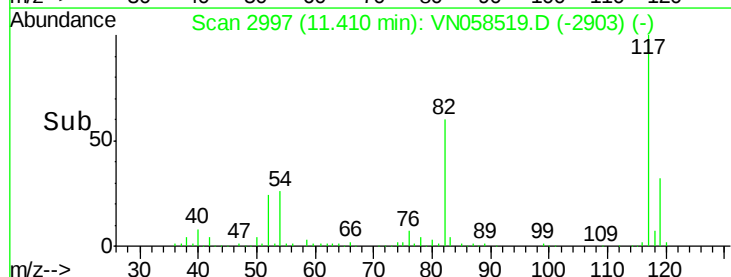
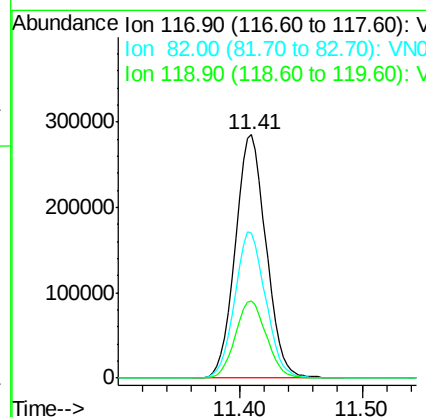
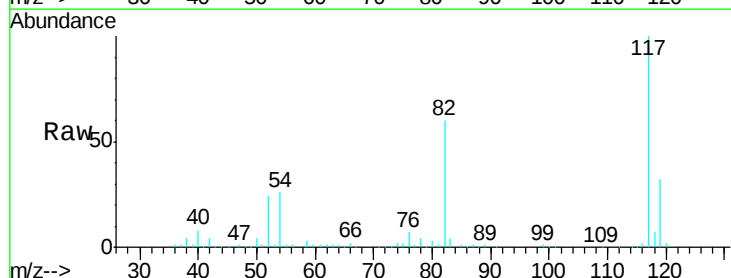
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

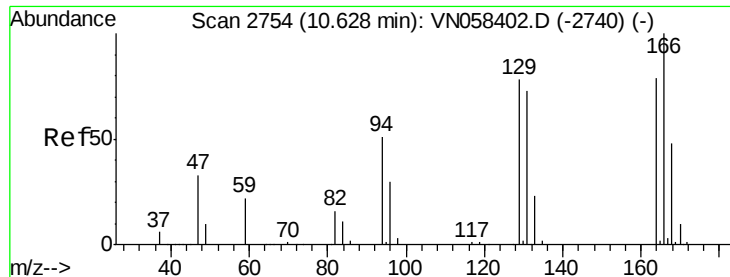
Tgt Ion: 95 Resp: 230232
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 71.6 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion: 117 Resp: 500418
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 31.8 25.5 38.3

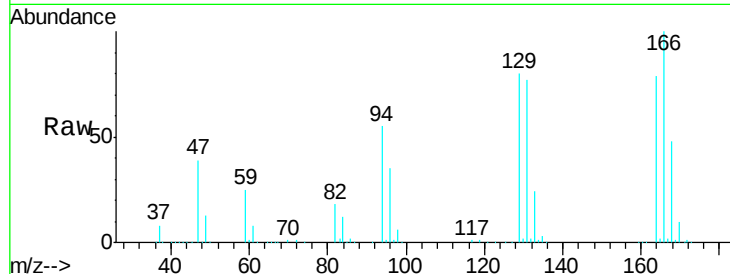




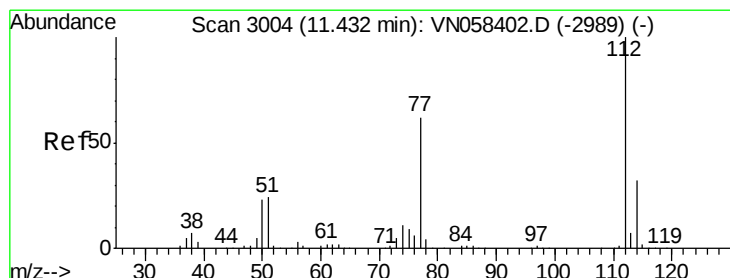
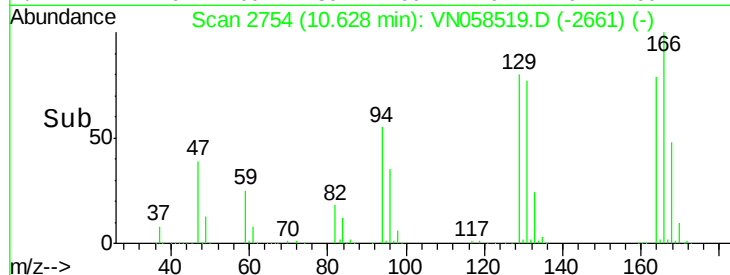
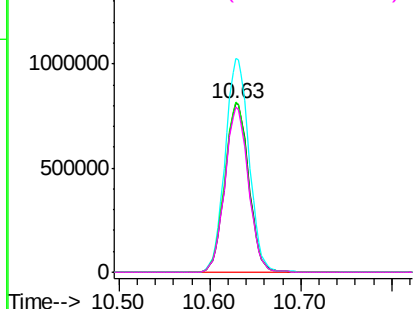
#64
Tetrachloroethene
Concen: 463.742 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

Tgt Ion:164 Resp: 1474382
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 100.6 79.2 118.8
131 97.6 74.1 111.1

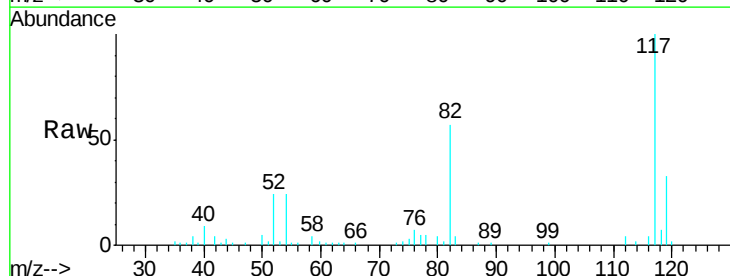


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

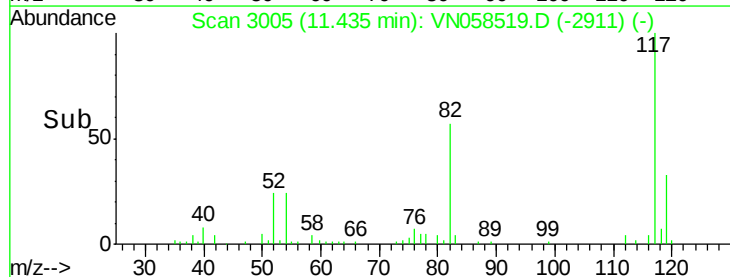
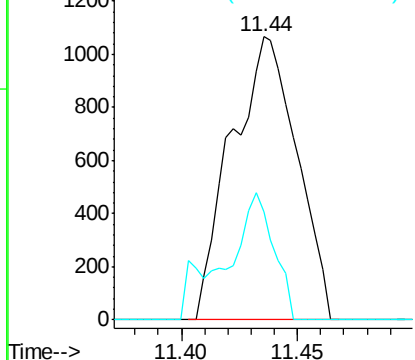


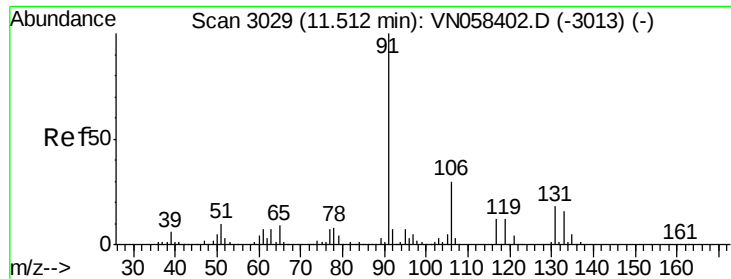
#65
Chlorobenzene
Concen: 0.211 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion:112 Resp: 2100
Ion Ratio Lower Upper
112 100
114 38.4 25.4 38.2#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

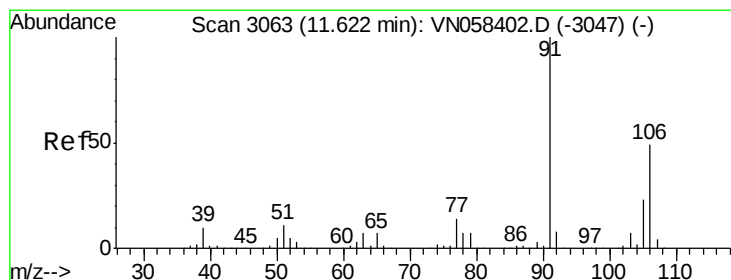
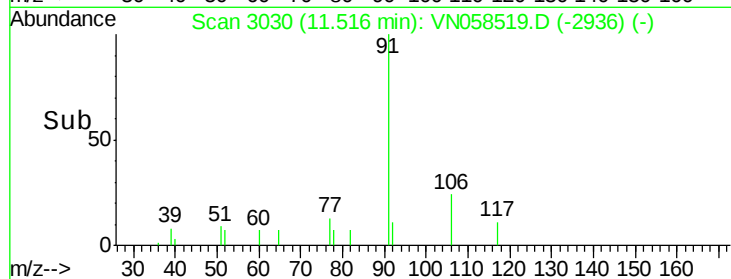
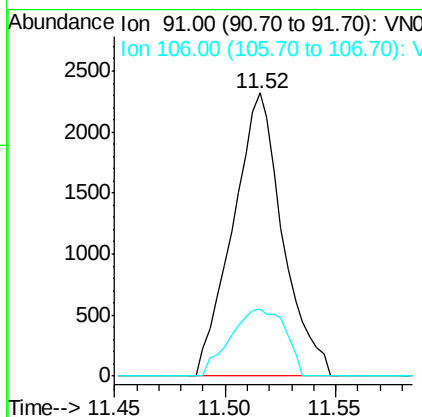
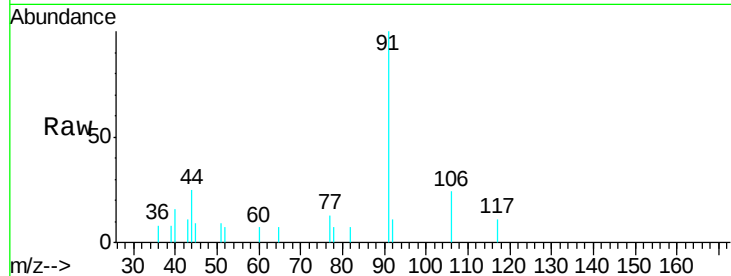




#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

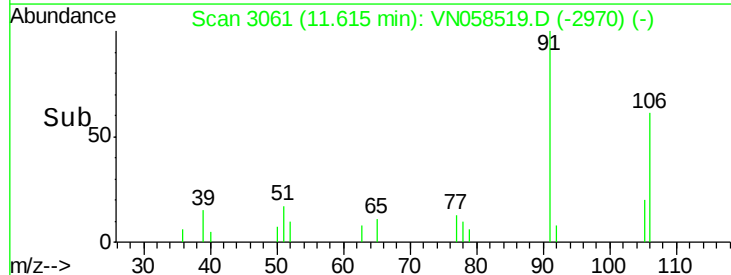
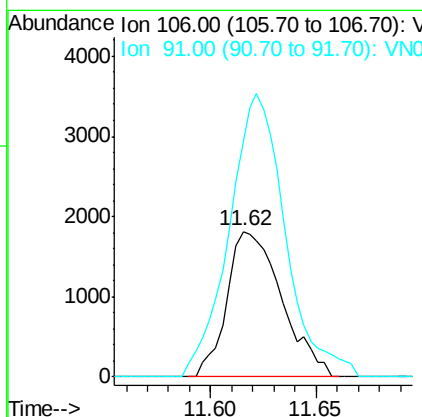
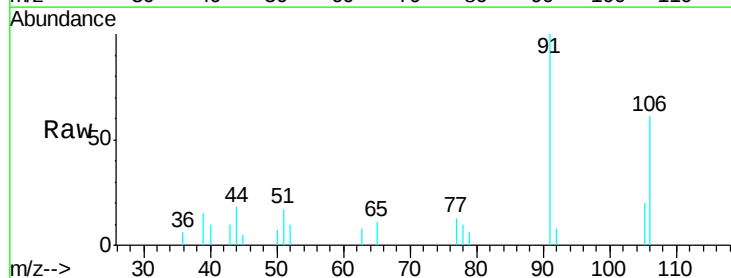
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

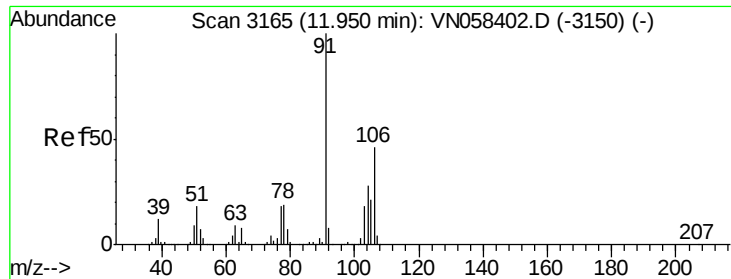
Tgt Ion: 91 Resp: 3632
Ion Ratio Lower Upper
91 100
106 23.8 24.3 36.5#



#68
m/p-Xylenes
Concen: 0.482 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion: 106 Resp: 3270
Ion Ratio Lower Upper
106 100
91 200.1 165.0 247.4

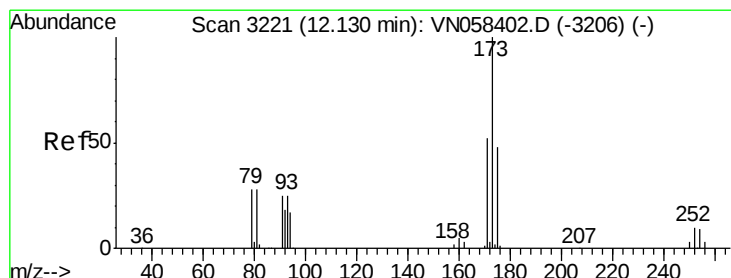
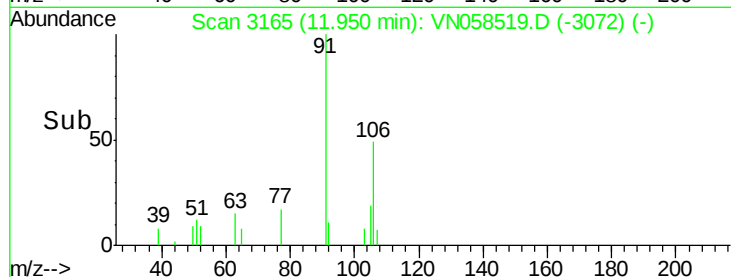
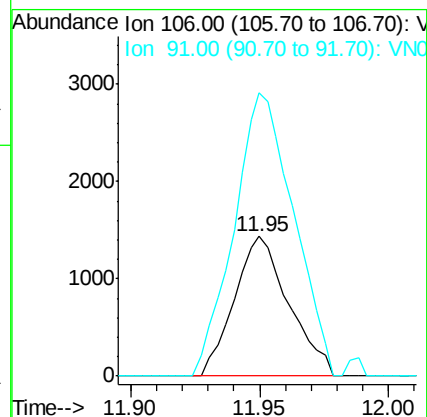
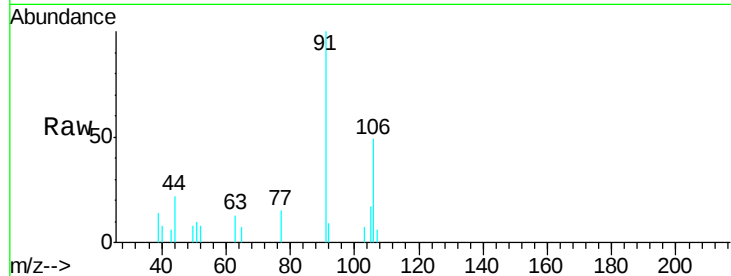




#69
o-Xylene
Concen: 0.324 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

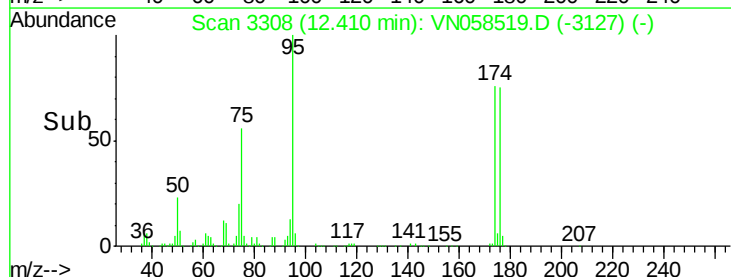
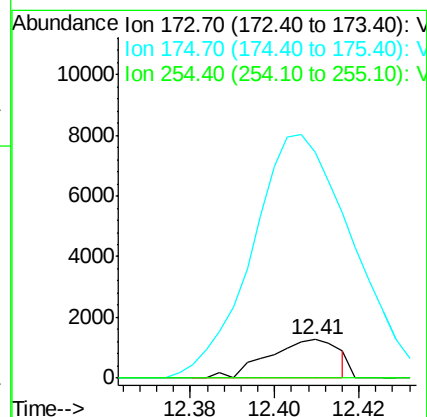
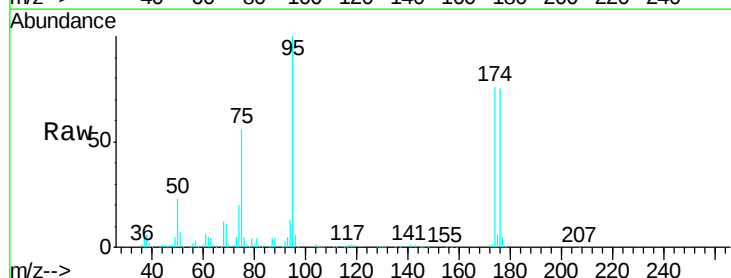
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

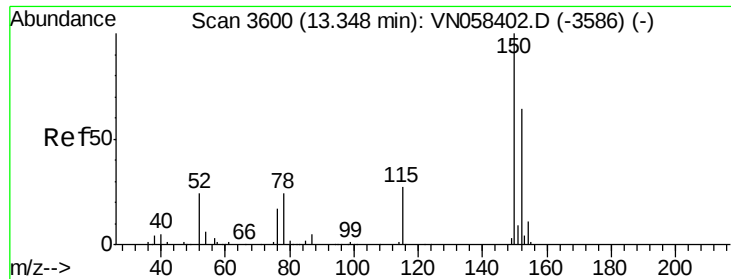
Tgt Ion:106 Resp: 2114
Ion Ratio Lower Upper
106 100
91 222.5 109.1 327.4



#71
Bromoform
Concen: 1.320 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Tgt Ion:173 Resp: 1468
Ion Ratio Lower Upper
173 100
175 744.7 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

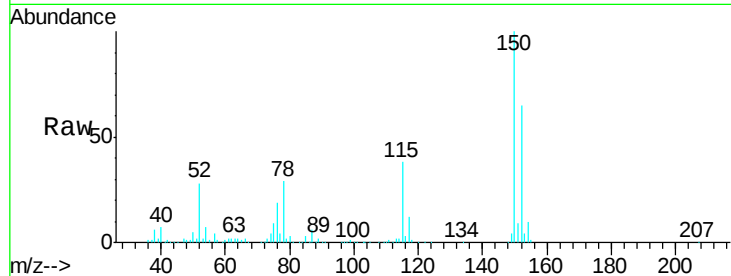
Tgt Ion:152 Resp: 196589

Ion Ratio Lower Upper

152 100

115 62.1 30.0 90.0

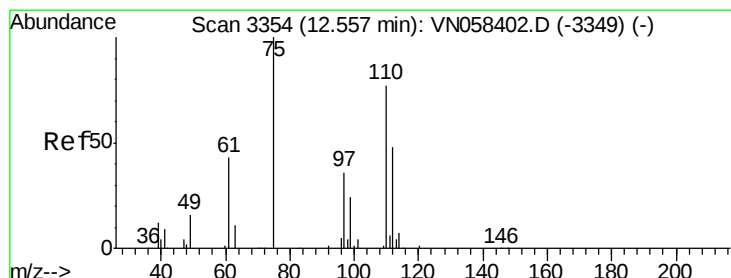
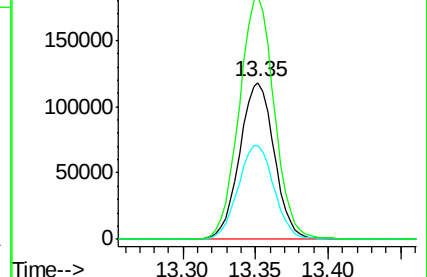
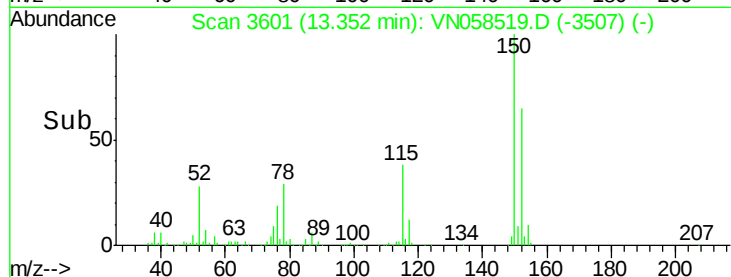
150 156.4 0.0 348.2



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



#76

1,2,3-Trichloropropane

Concen: 35.680 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058519.D

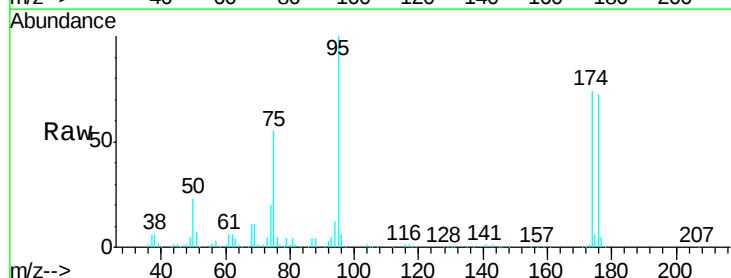
Acq: 3 Oct 2019 18:40

Tgt Ion: 75 Resp: 128116

Ion Ratio Lower Upper

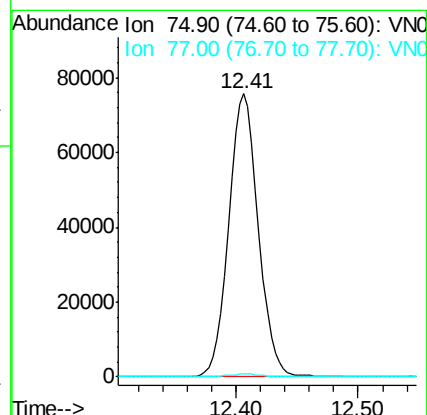
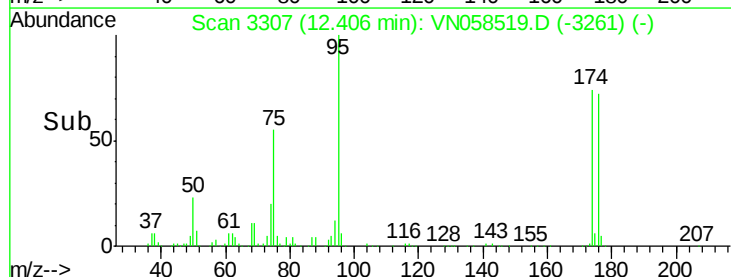
75 100

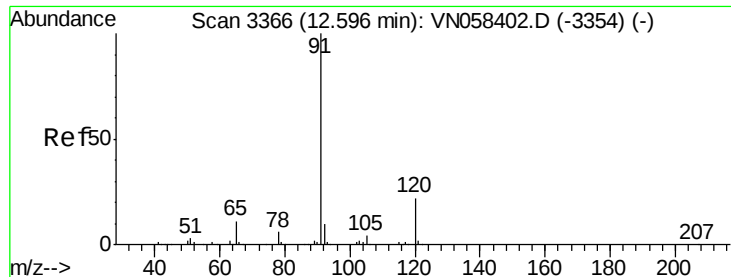
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.276 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058519.D

Acq: 3 Oct 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

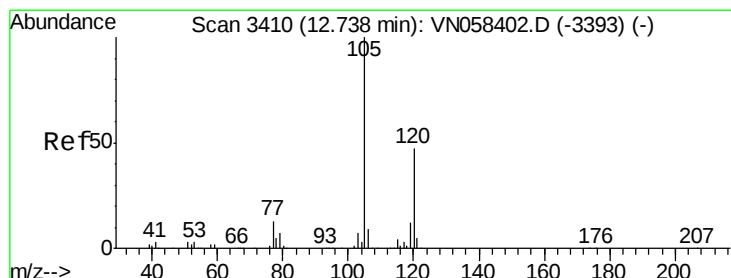
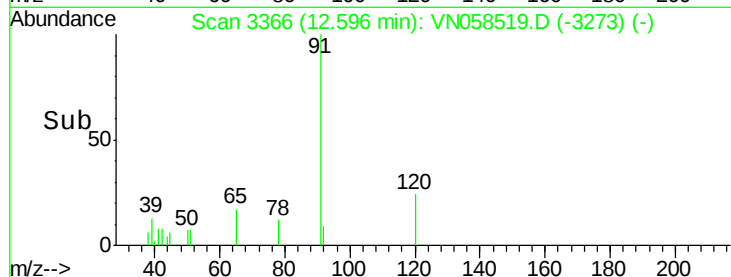
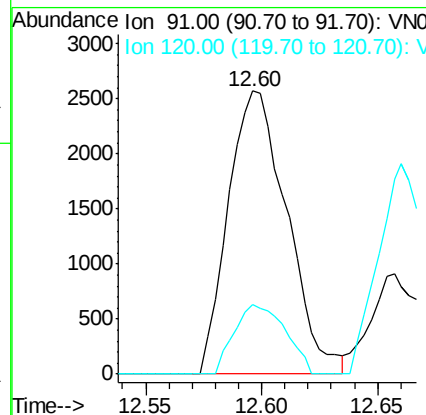
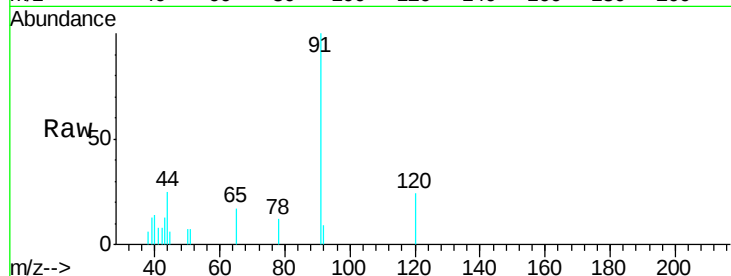
COMPOSITE-4

Tgt Ion: 91 Resp: 4520

Ion Ratio Lower Upper

91 100

120 21.4 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 0.488 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058519.D

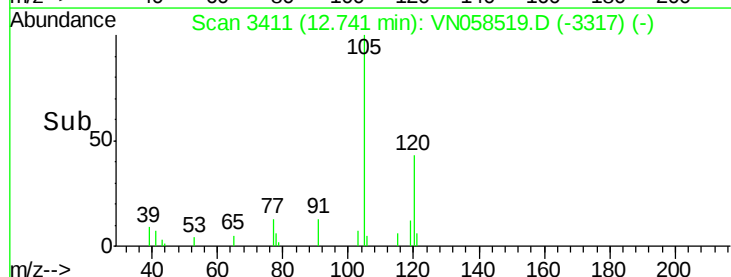
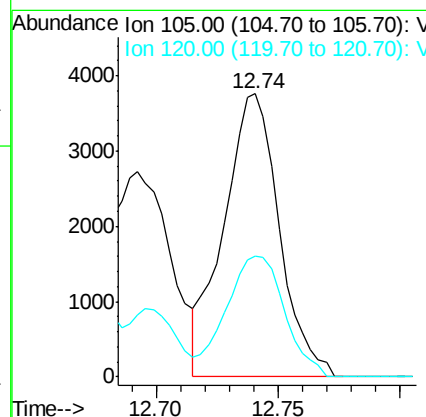
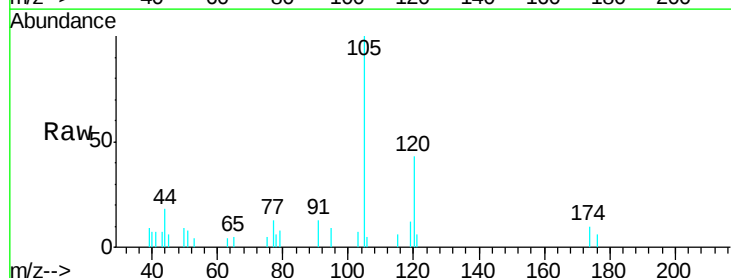
Acq: 3 Oct 2019 18:40

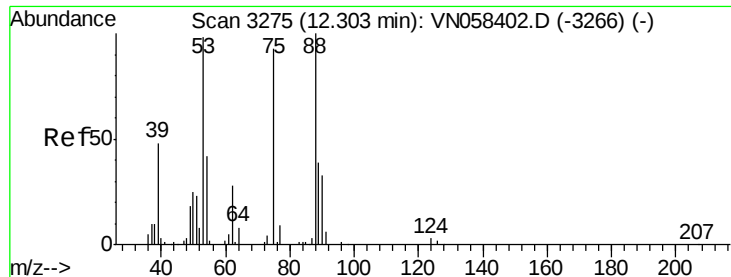
Tgt Ion: 105 Resp: 5939

Ion Ratio Lower Upper

105 100

120 45.2 23.5 70.6

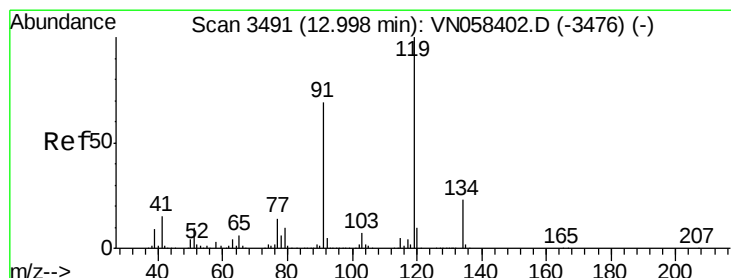
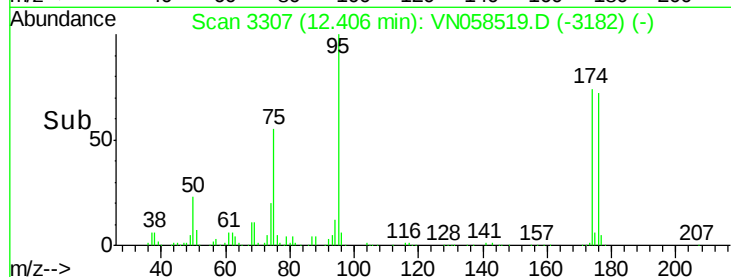
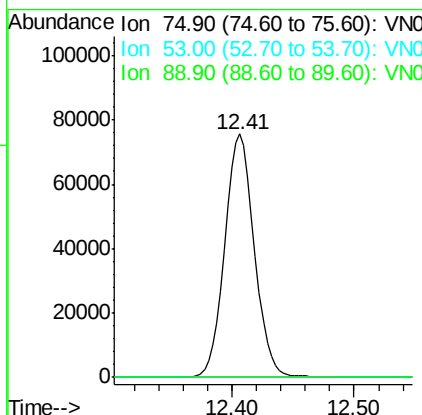
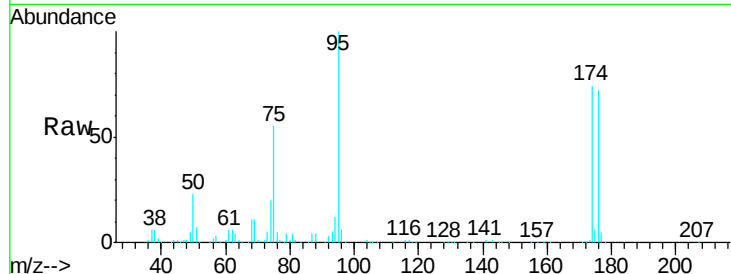




#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.364 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

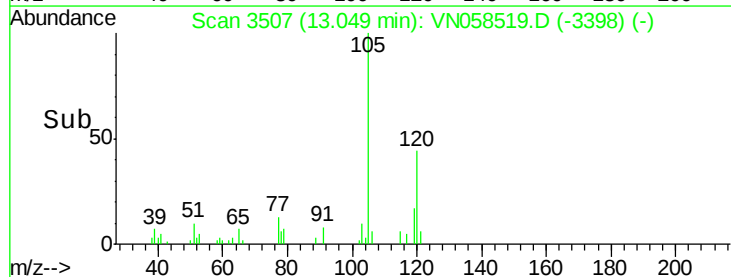
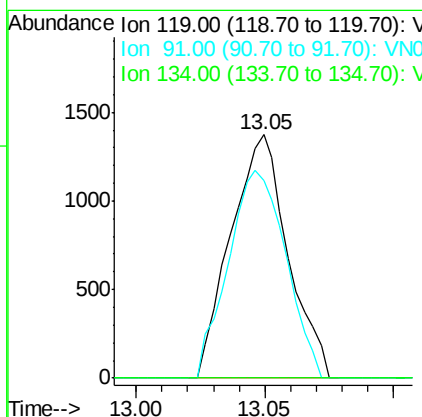
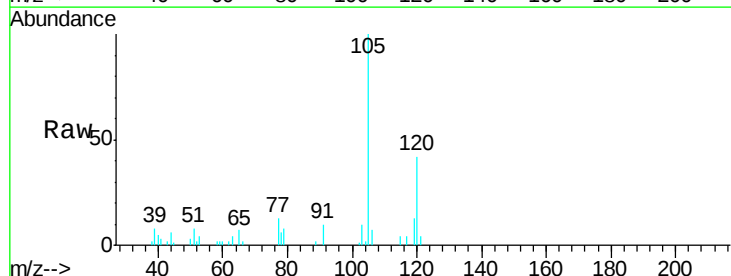
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

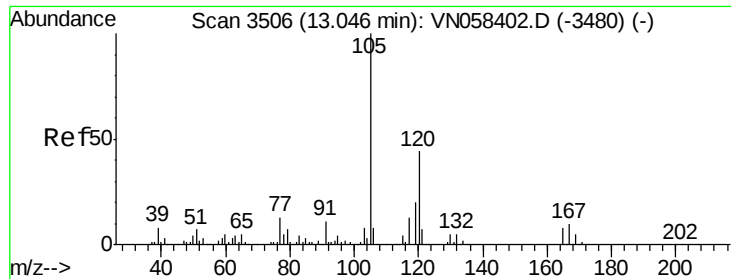
Tgt Ion: 75 Resp: 128116
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#



#83
 tert-Butylbenzene
 Concen: 0.207 ug/l
 RT: 13.05 min Scan# 3507
 Delta R.T. 0.05 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

Tgt Ion: 119 Resp: 2122
 Ion Ratio Lower Upper
 119 100
 91 86.0 34.2 102.6
 134 0.0 11.6 34.8#

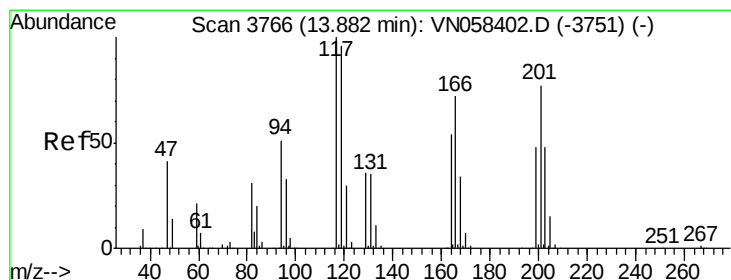
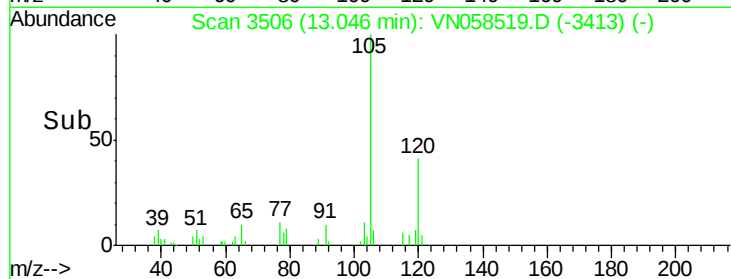
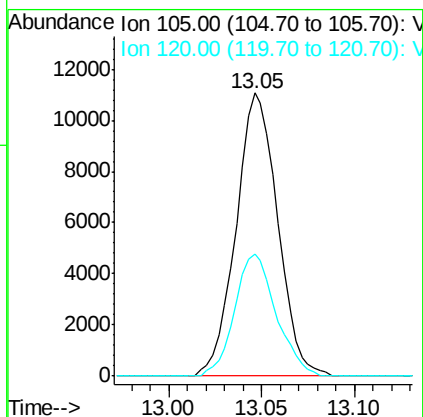
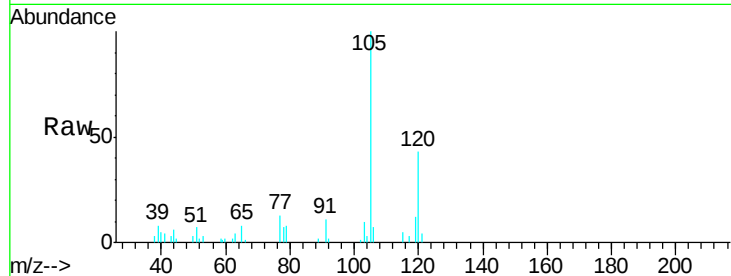




#84
 1,2,4-Trimethylbenzene
 Concen: 1.415 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

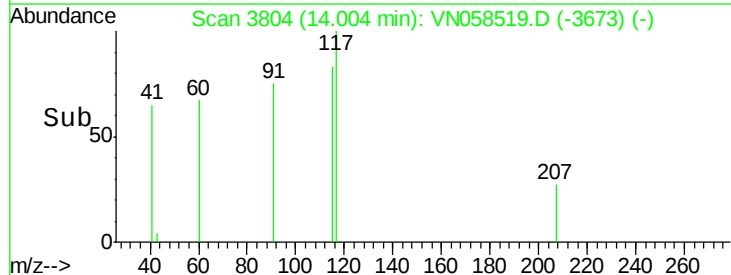
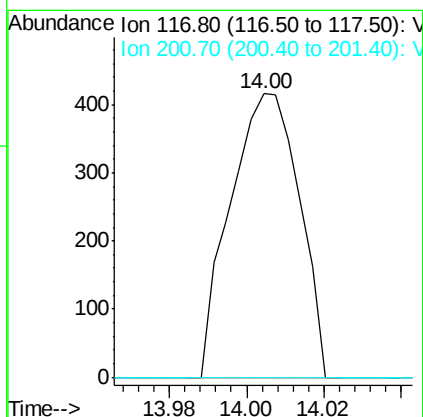
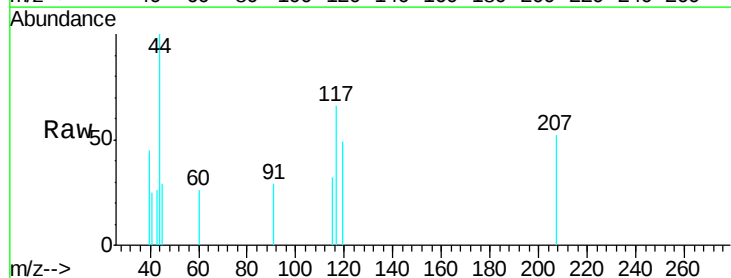
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

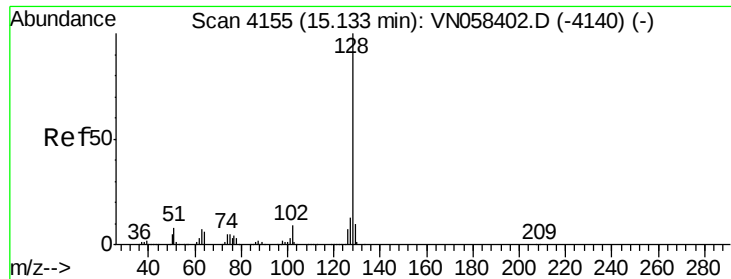
Tgt Ion:105 Resp: 17236
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.7 65.1



#90
 Hexachloroethane
 Concen: 0.288 ug/l
 RT: 14.00 min Scan# 3804
 Delta R.T. 0.12 min
 Lab File: VN058519.D
 Acq: 3 Oct 2019 18:40

Tgt Ion:117 Resp: 514
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.6 116.0#

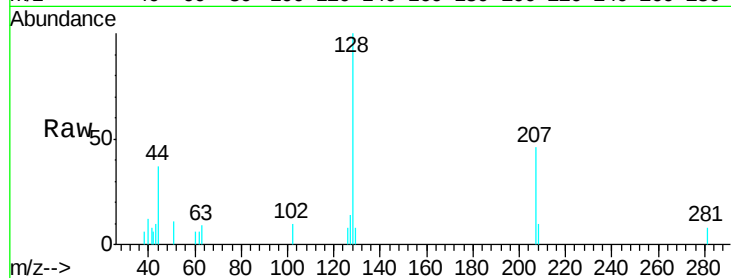




#95
Naphthalene
Concen: 0.466 ug/l
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN058519.D
Acq: 3 Oct 2019 18:40

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

Tgt Ion:128 Resp: 4755
Ion Ratio Lower Upper
128 100
127 9.5 10.2 15.4#
129 8.0 8.3 12.5#



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

