

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058520.D
 Acq On : 3 Oct 2019 19:02
 Operator : JC/SP
 Sample : K5095-05 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

Quant Time: Oct 04 03:22:54 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	340795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	251311	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	7.57	113	179222	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.08	98	707060	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.41	95	219871	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	

Target Compounds

						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.74	101	10219	3.098	ug/l	96
12) 1,1-Dichloroethene	3.72	96	37913	11.793	ug/l	97
16) Acetone	3.81	43	2540	1.496	ug/l #	86
18) Methyl Acetate	4.32	43	2213	0.518	ug/l #	69
20) Methylene Chloride	4.52	84	1921	0.490	ug/l #	88
24) 1,1-Dichloroethane	5.82	63	30396	4.290	ug/l	99
25) 2-Butanone	6.81	43	696	0.299	ug/l #	52
27) cis-1,2-Dichloroethene	6.81	96	40098	9.597	ug/l	90
30) Chloroform	7.36	83	6120	0.852	ug/l	86
31) Cyclohexane	7.65	56	9123	1.324	ug/l #	15
32) 1,1,1-Trichloroethane	7.55	97	1544241	261.905	ug/l	99
36) 1,1-Dichloropropene	7.65	75	31252	5.720	ug/l #	51
38) Carbon Tetrachloride	7.65	117	34031	6.901	ug/l #	15
40) Benzene	8.03	78	23194	1.477	ug/l	95
43) Isopropyl Acetate	8.25	43	42684	4.900	ug/l #	63
44) Trichloroethene	8.82	130	72089	18.591	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	4455	0.996	ug/l	91
52) Toluene	10.15	92	124615	12.607	ug/l	98
53) t-1,3-Dichloropropene	10.15	75	1476	0.268	ug/l #	1
55) 1,1,2-Trichloroethane	10.56	97	5109	1.419	ug/l	98
60) Dibromochloromethane	10.63	129	1680023	455.239	ug/l #	11
64) Tetrachloroethene	10.63	164	1761550	567.718	ug/l	98
67) Ethyl Benzene	11.52	91	3916	0.223	ug/l	99
68) m/p-Xylenes	11.62	106	4294	0.649	ug/l	91
69) o-Xylene	11.95	106	1916	0.301	ug/l	70
71) Bromoform	12.41	173	1591	1.389	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	125518	36.246	ug/l #	100
78) n-propylbenzene	12.60	91	6231	0.395	ug/l	95
79) 2-Chlorotoluene	12.66	91	3076	0.316	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.74	105	7833	0.668	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.41	75	125518	110.082	ug/l #	7
83) tert-Butylbenzene	13.04	119	3126	0.316	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.05	105	24273	2.066	ug/l	100
95) Naphthalene	15.13	128	3934	0.396	ug/l #	90

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

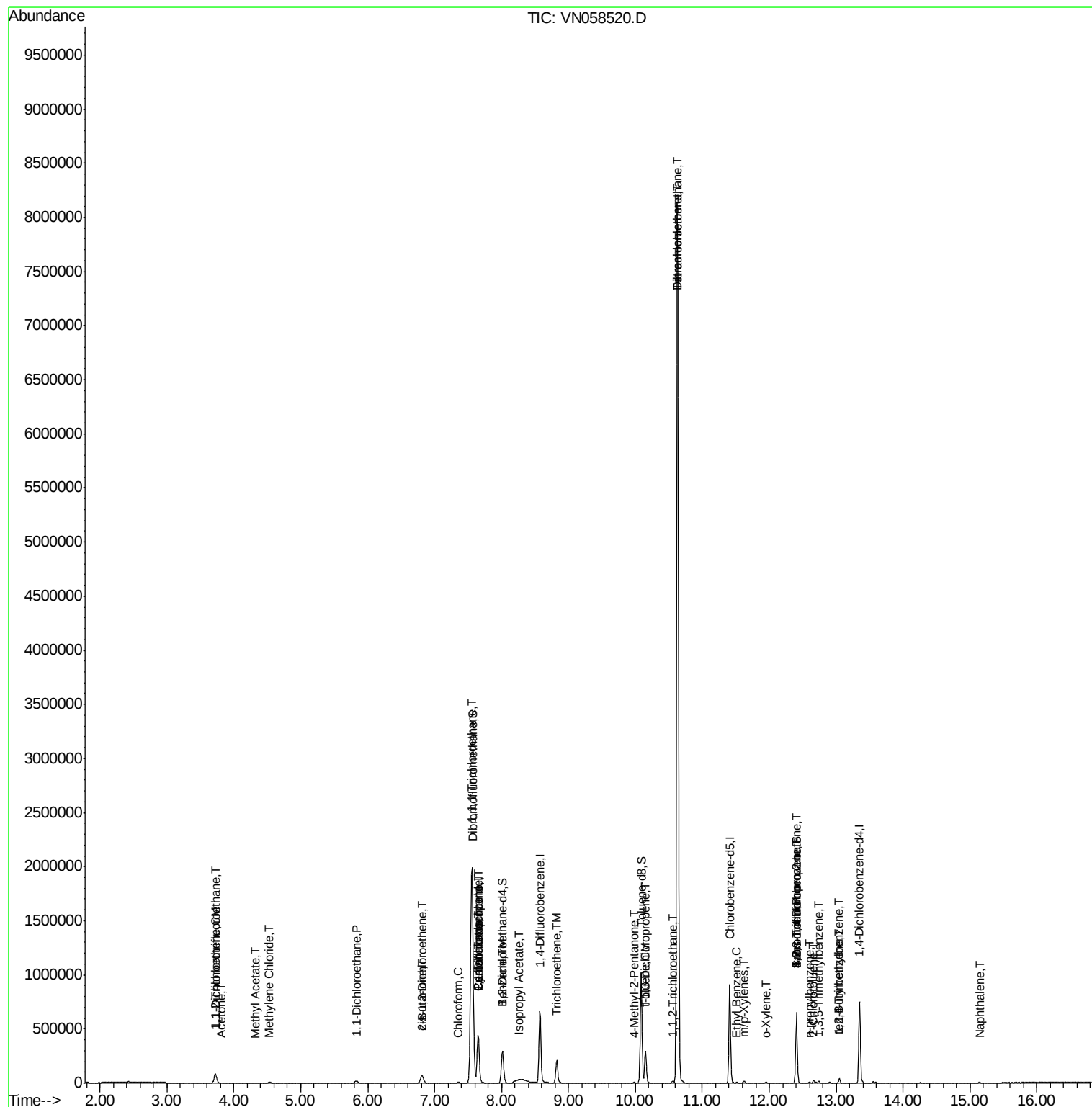
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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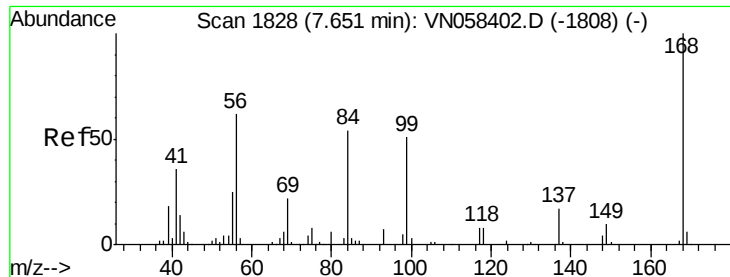
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

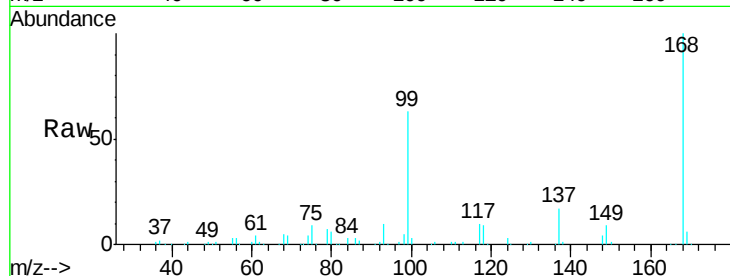
COMPOSITE-5

Tgt Ion:168 Resp: 340795

Ion Ratio Lower Upper

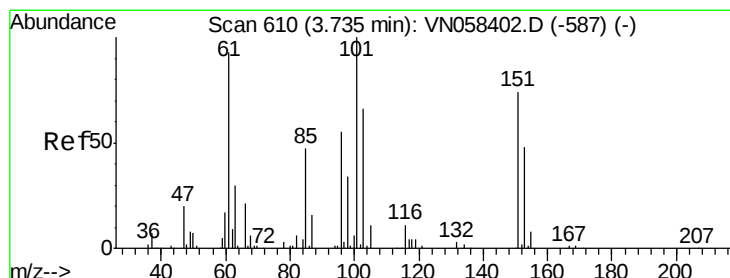
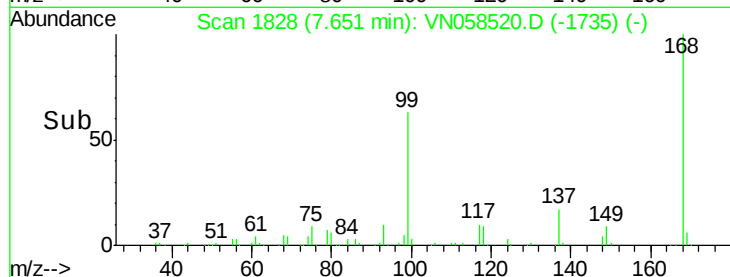
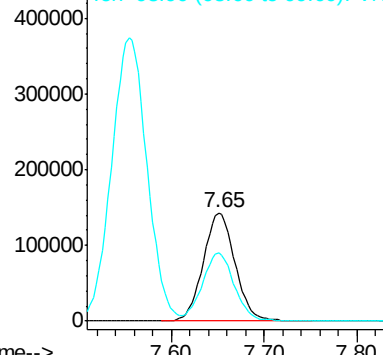
168 100

99 62.5 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: 3.098 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

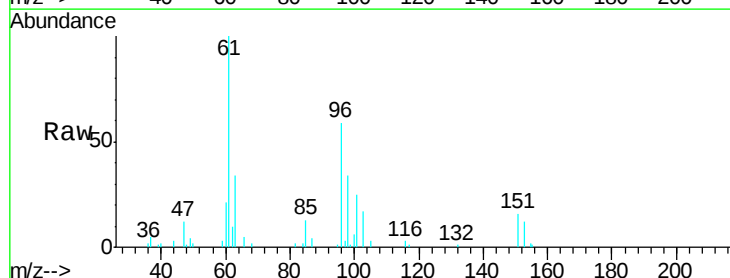
Tgt Ion:101 Resp: 10219

Ion Ratio Lower Upper

101 100

85 52.1 36.7 55.1

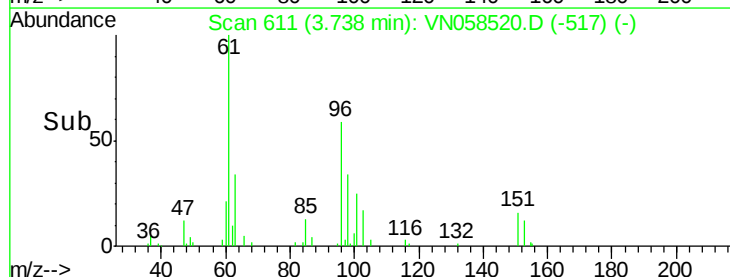
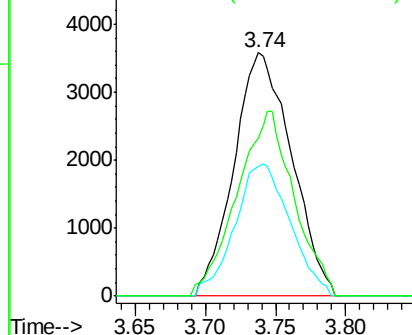
151 74.9 59.4 89.0

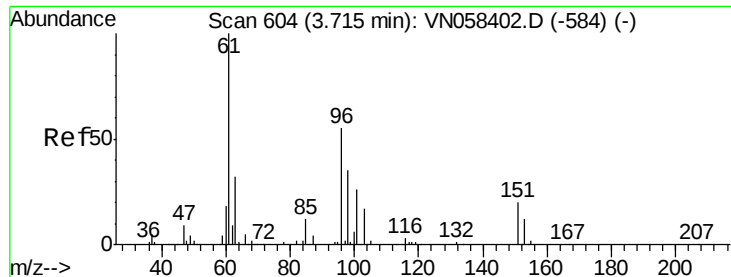


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 11.793 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-5

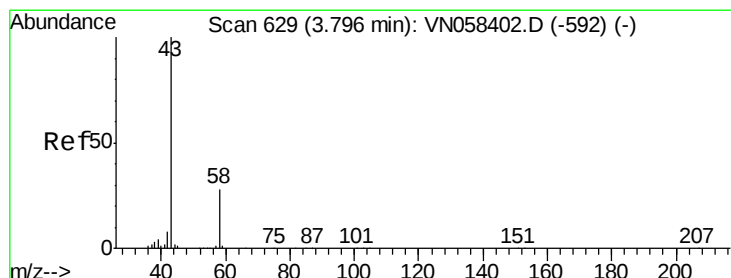
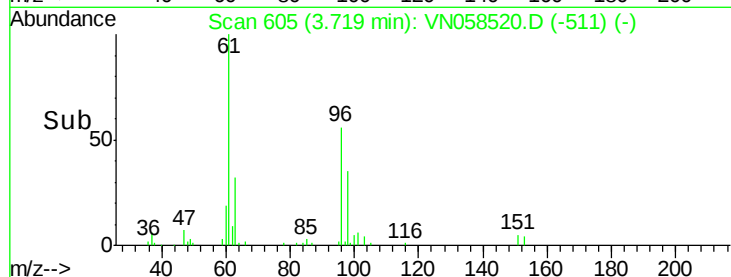
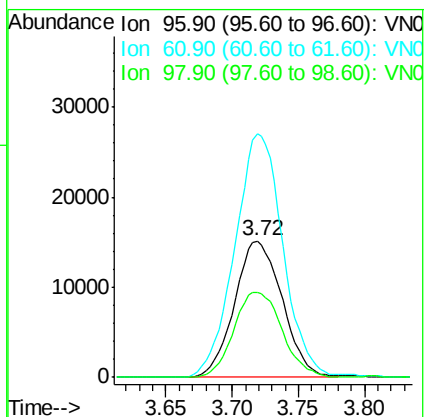
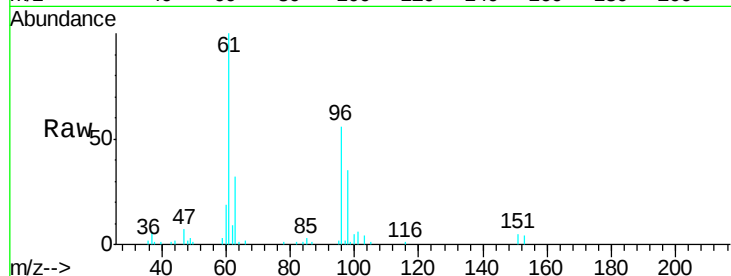
Tgt Ion: 96 Resp: 37913

Ion Ratio Lower Upper

96 100

61 178.9 146.7 220.1

98 62.8 51.3 76.9



#16

Acetone

Concen: 1.496 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058520.D

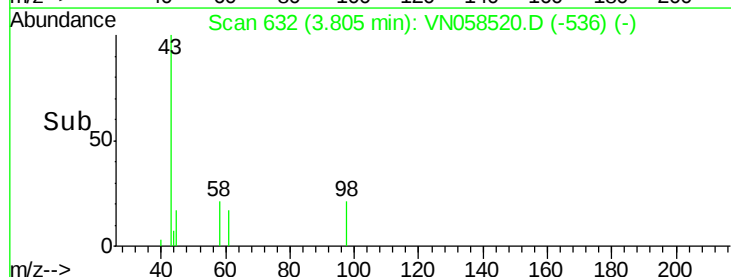
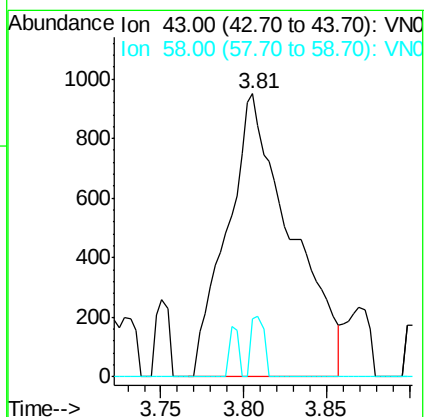
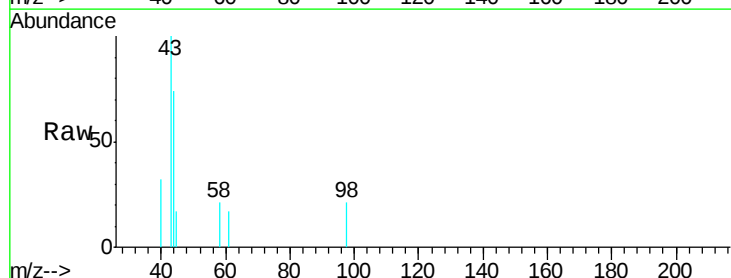
Acq: 3 Oct 2019 19:02

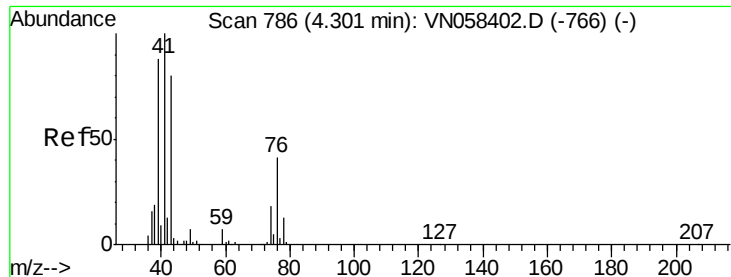
Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

43 100

58 20.6 22.4 33.6#

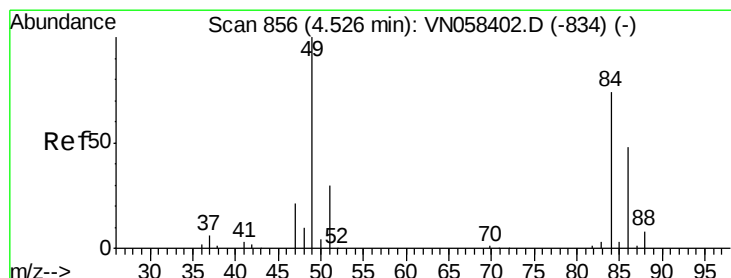
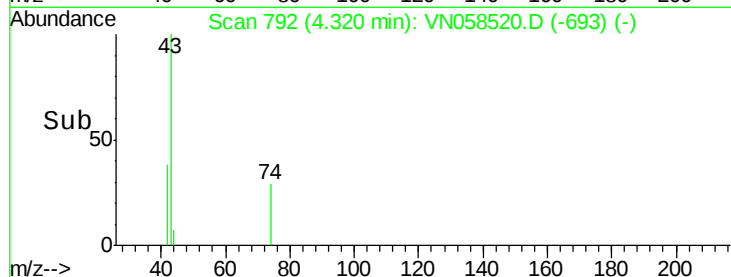
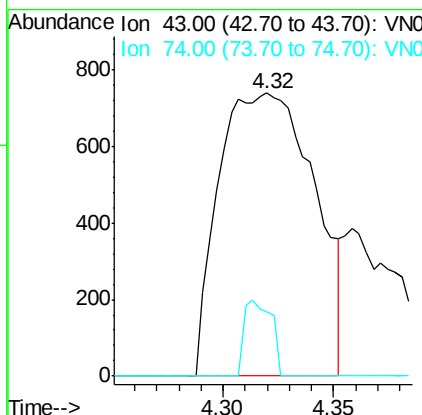
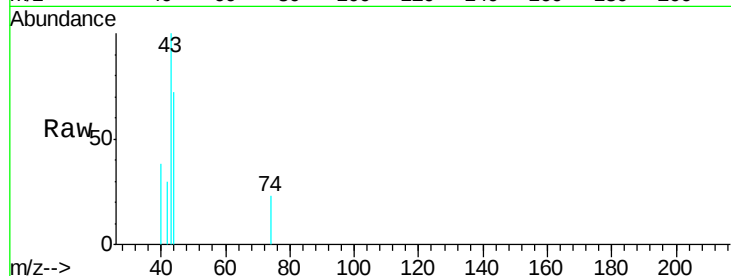




#18
Methyl Acetate
Concen: 0.518 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

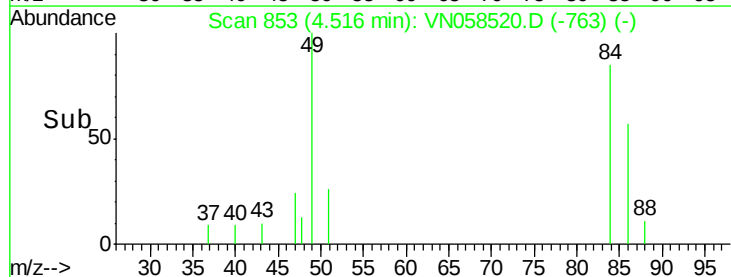
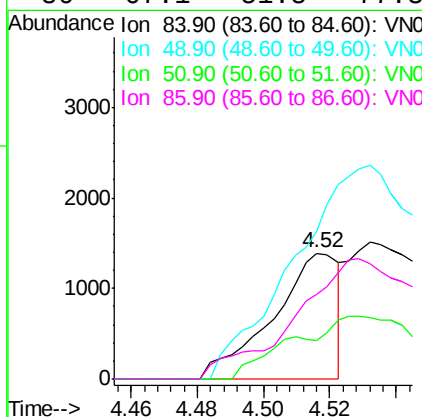
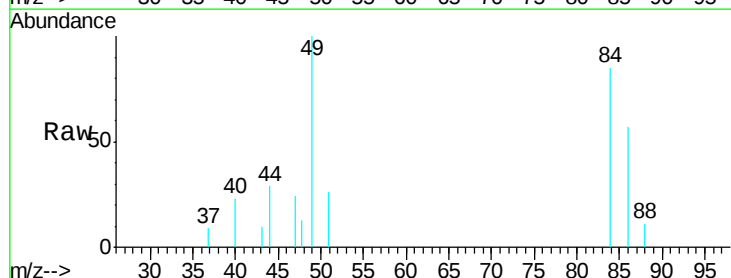
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5

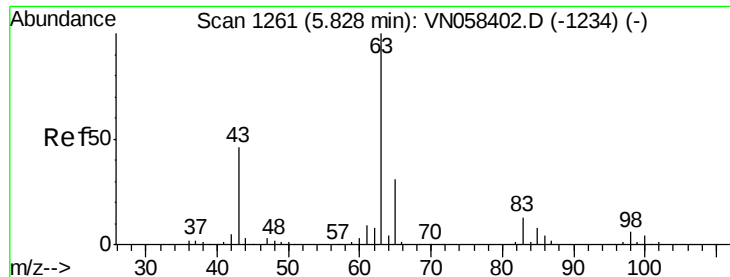
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
74 7.7 18.0 27.0#



#20
Methylene Chloride
Concen: 0.490 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion: 84 Resp: 1921
Ion Ratio Lower Upper
84 100
49 117.0 107.9 161.9
51 30.4 32.8 49.2#
86 67.1 51.5 77.3

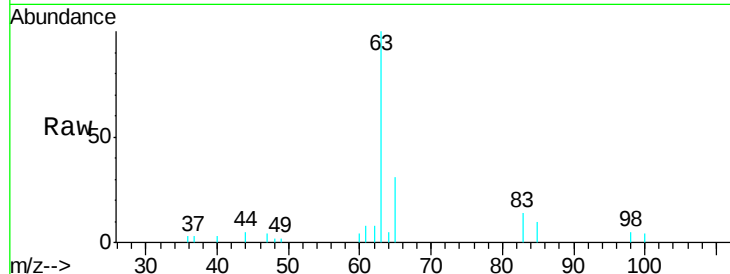




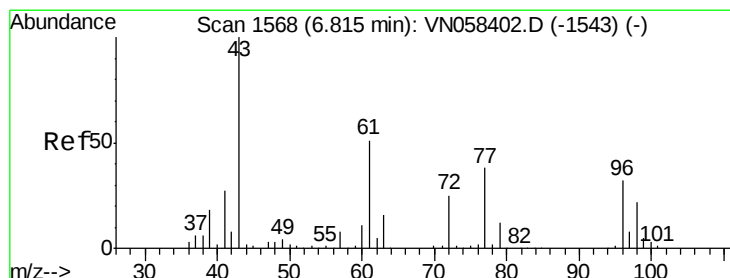
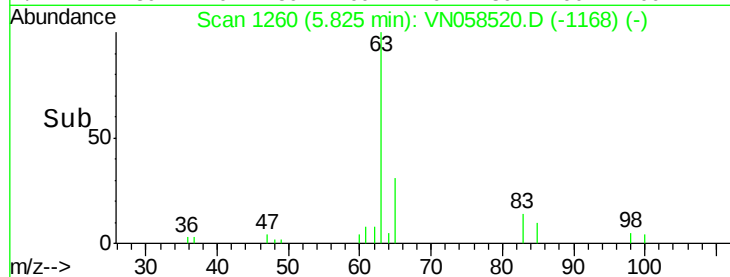
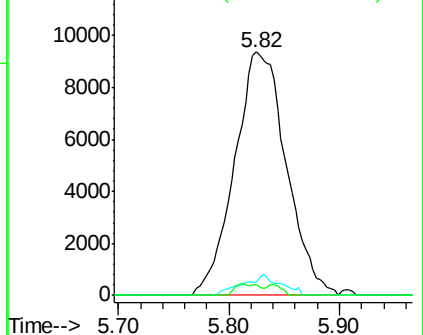
#24
 1,1-Dichloroethane
 Concen: 4.290 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

Tgt Ion: 63 Resp: 30396
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.0 9.0
 100 4.2 2.0 5.8

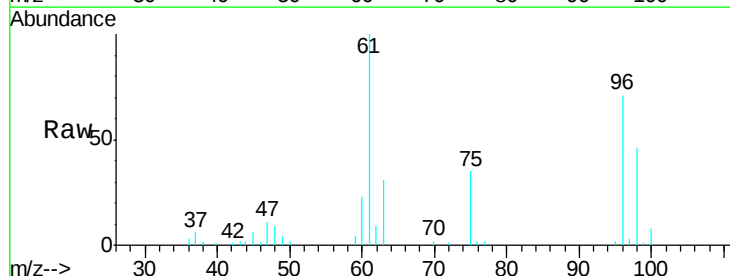


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

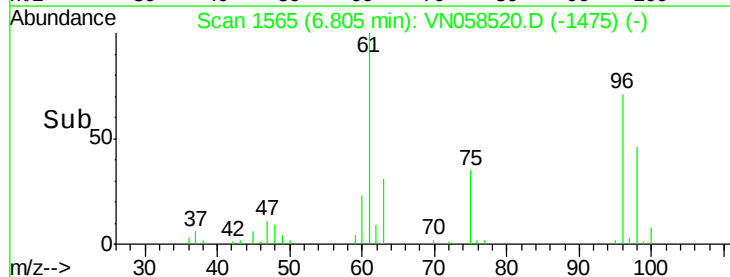
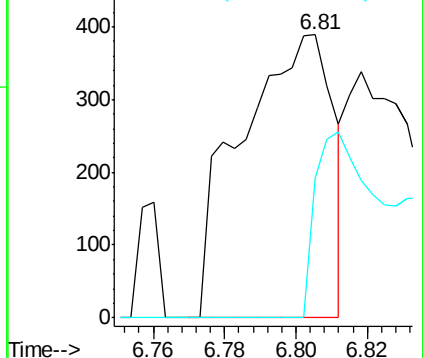


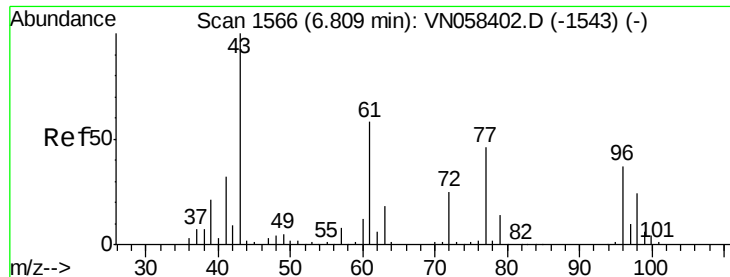
#25
 2-Butanone
 Concen: 0.299 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Tgt Ion: 43 Resp: 696
 Ion Ratio Lower Upper
 43 100
 72 49.4 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 9.597 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-5

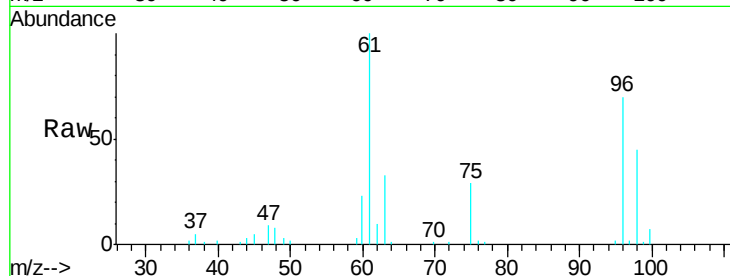
Tgt Ion: 96 Resp: 40098

Ion Ratio Lower Upper

96 100

61 140.9 0.0 318.8

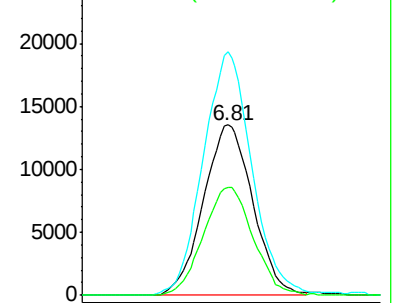
98 63.8 0.0 129.8



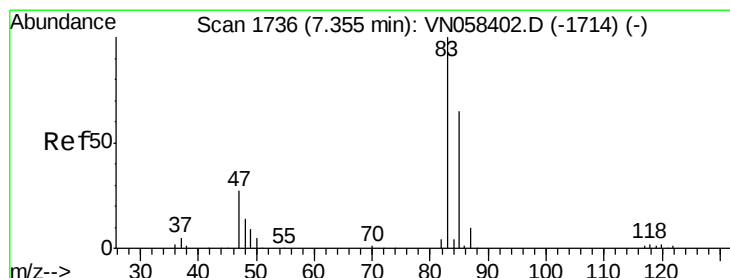
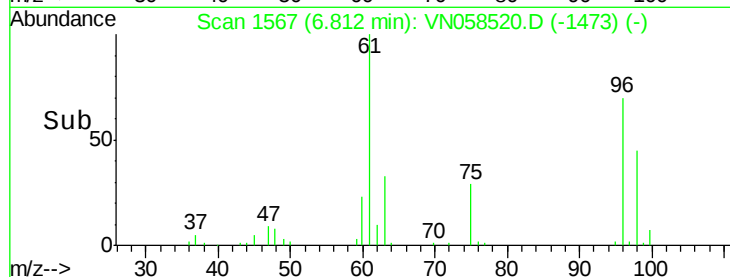
Abundance Ion 95.90 (95.60 to 96.60): VN058402.D (-1543) (-)

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

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



Time-->



#30

Chloroform

Concen: 0.852 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058520.D

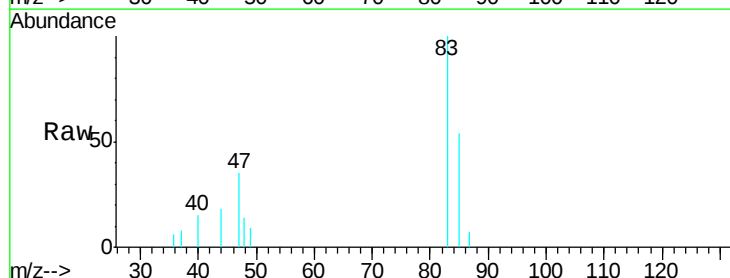
Acq: 3 Oct 2019 19:02

Tgt Ion: 83 Resp: 6120

Ion Ratio Lower Upper

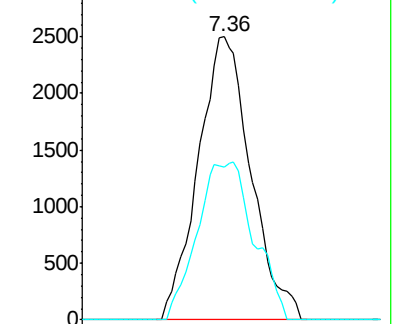
83 100

85 54.2 52.0 78.0

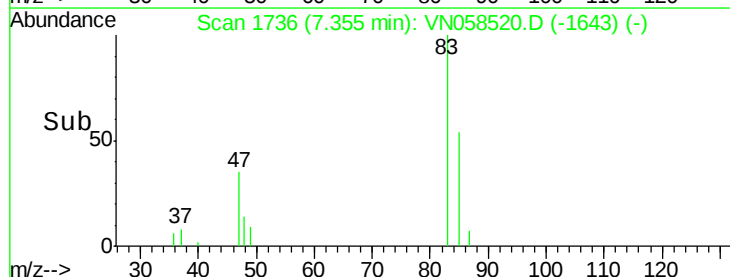


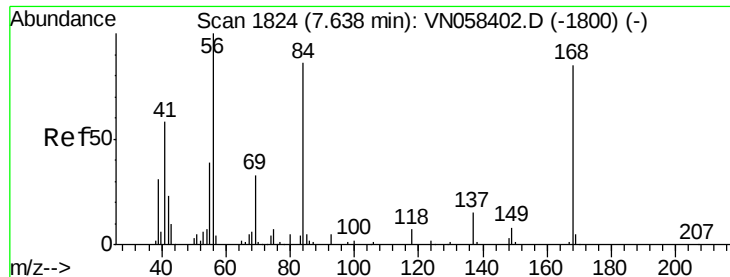
Abundance Ion 82.90 (82.60 to 83.60): VN058402.D (-1714) (-)

Ion 84.90 (84.60 to 85.60): VN058402.D (-1714) (-)



Time-->

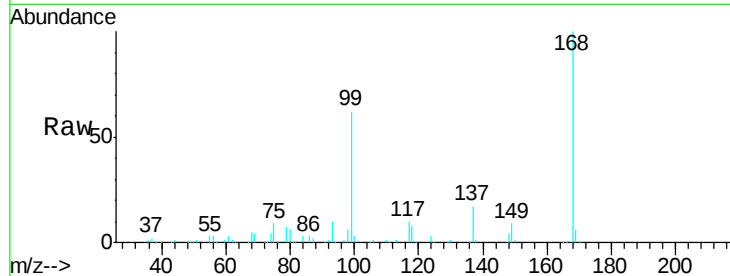




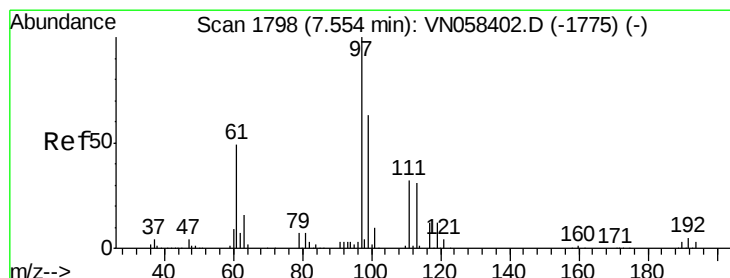
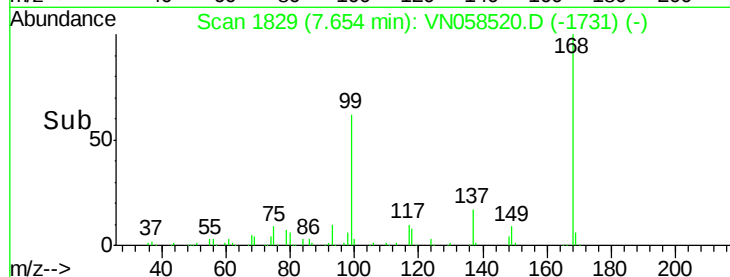
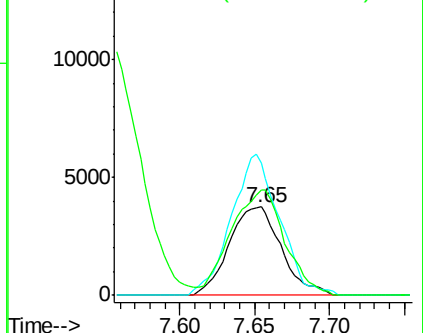
#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-5

Tgt Ion: 56 Resp: 9123
Ion Ratio Lower Upper
56 100
69 149.7 26.2 39.4#
84 118.7 67.6 101.4#

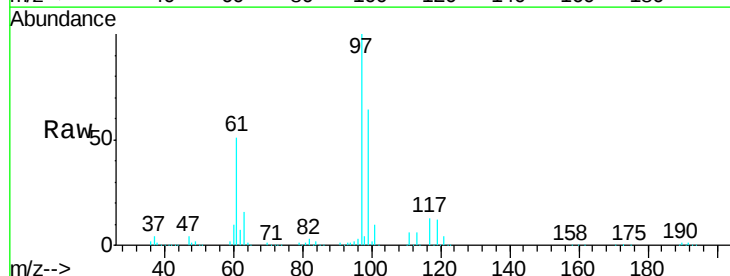


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

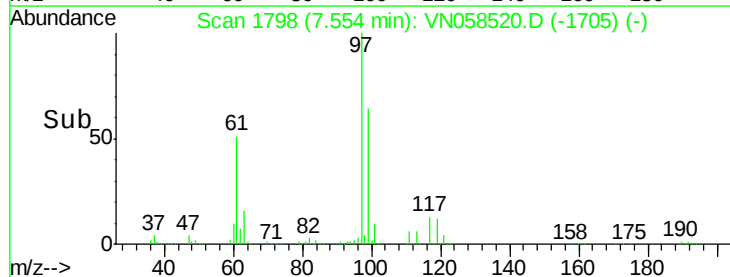
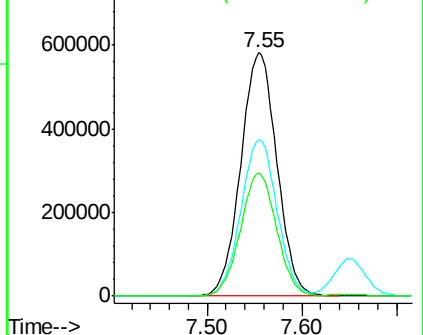


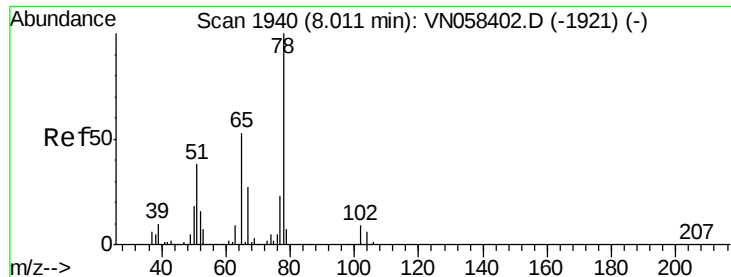
#32
1,1,1-Trichloroethane
Concen: 261.905 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion: 97 Resp: 1544241
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 50.5 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.462 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

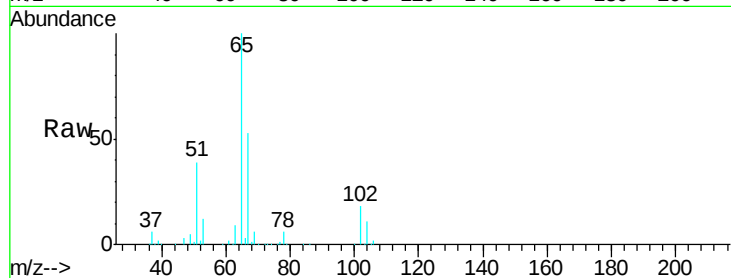
COMPOSITE-5

Tgt Ion: 65 Resp: 251311

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058520.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058520.D (-1847) (-)

8.01

120000

100000

80000

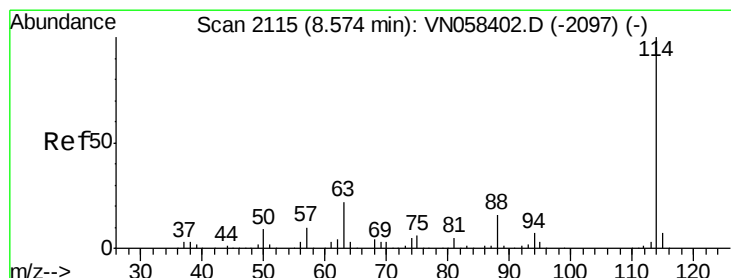
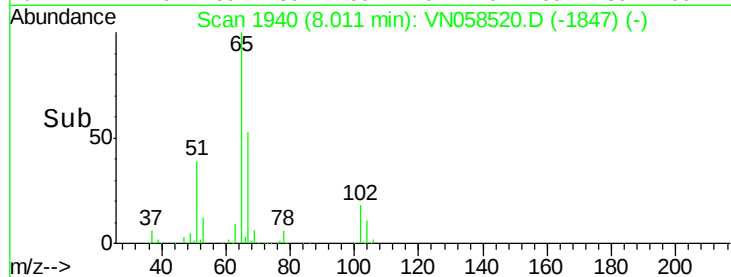
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

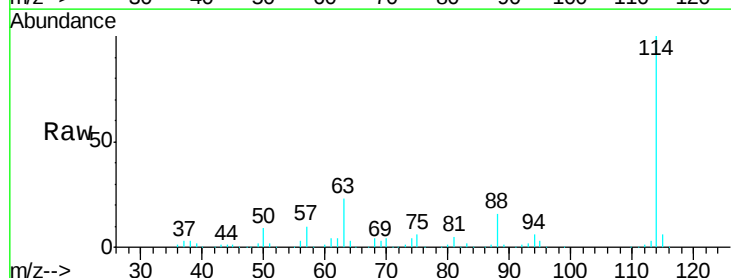
Tgt Ion: 114 Resp: 571363

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058520.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058520.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058520.D (-2022) (-)

8.57

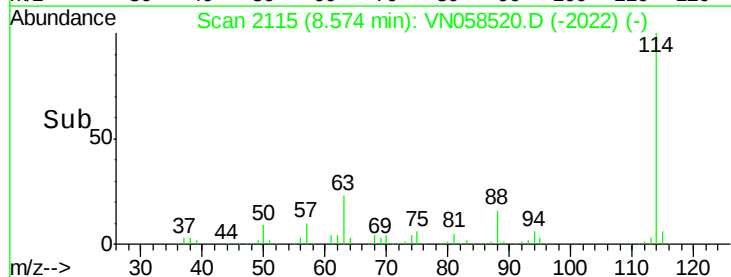
300000

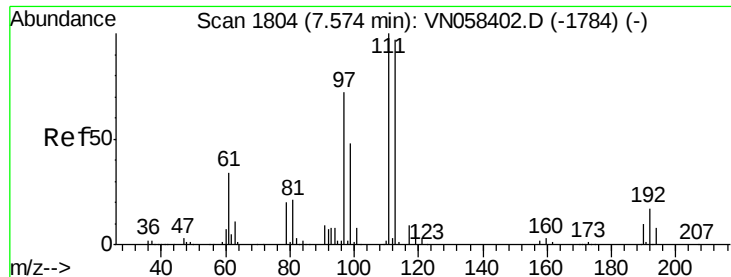
200000

100000

0

Time--> 8.50 8.60 8.70

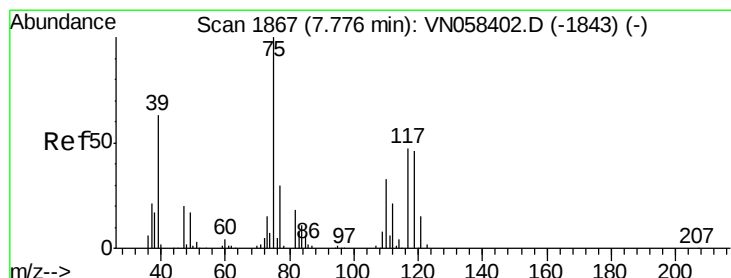
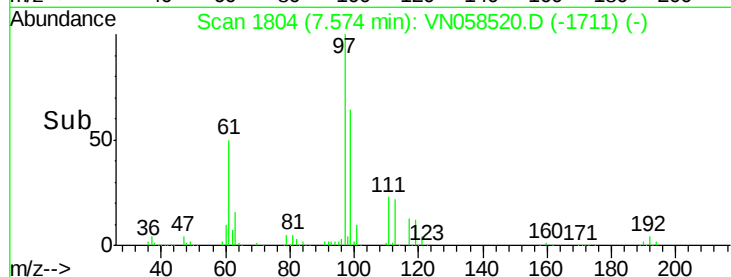
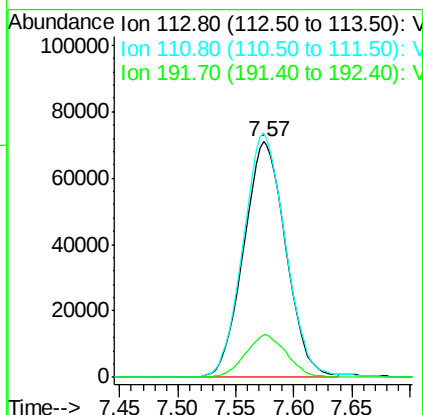
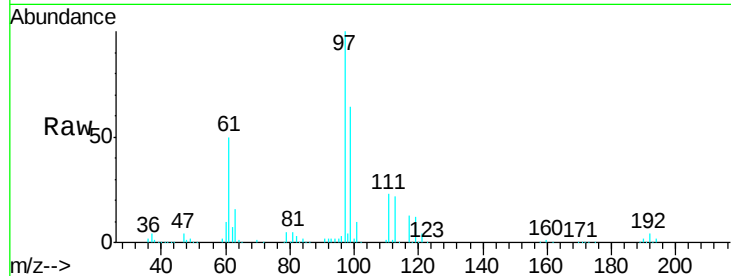




#35
Dibromofluoromethane
Concen: 51.180 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

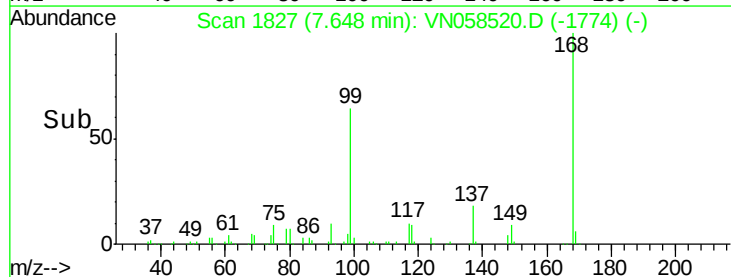
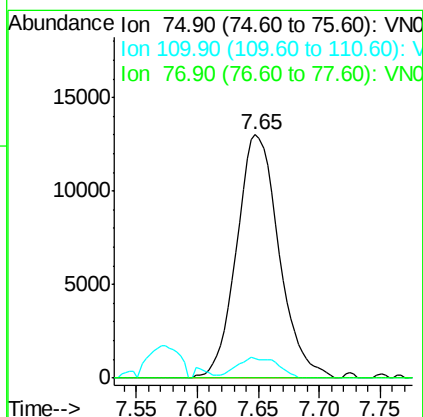
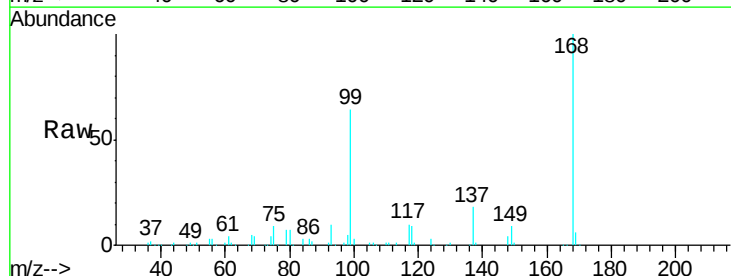
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5

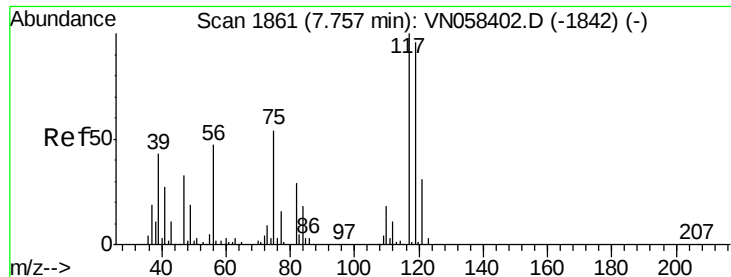
Tgt Ion: 113 Resp: 179222
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 17.7 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.720 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion: 75 Resp: 31252
Ion Ratio Lower Upper
75 100
110 8.2 16.4 49.2#
77 0.0 24.3 36.5#

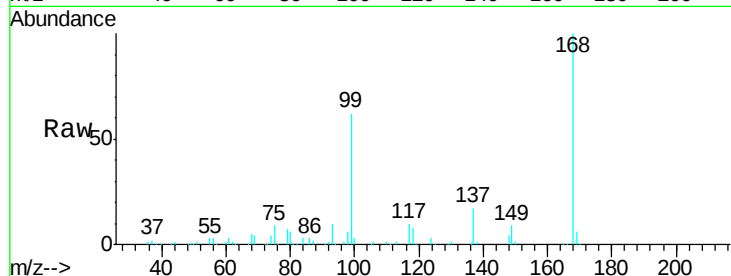




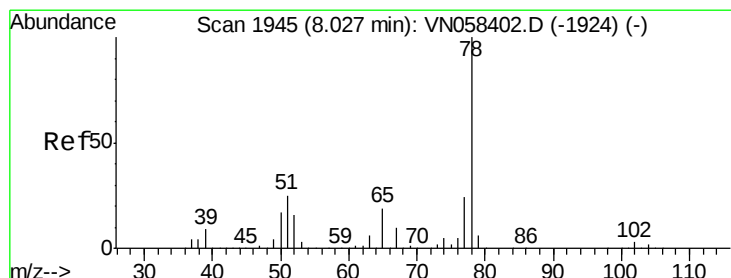
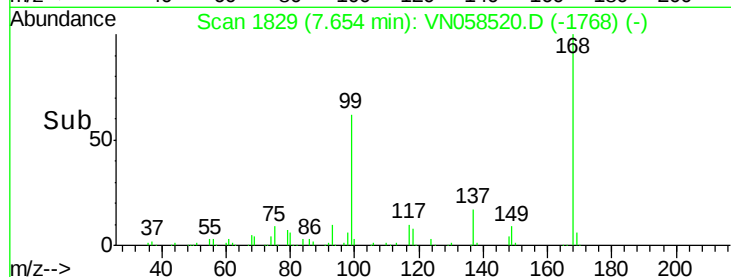
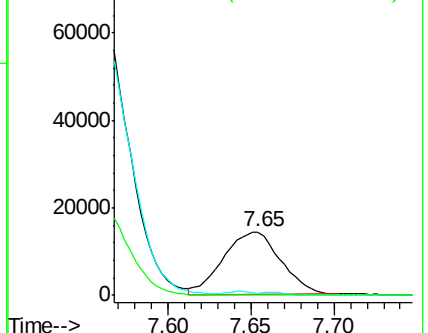
#38
Carbon Tetrachloride
Concen: 6.901 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5

Tgt Ion:117 Resp: 34031
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
121 0.0 24.7 37.1#

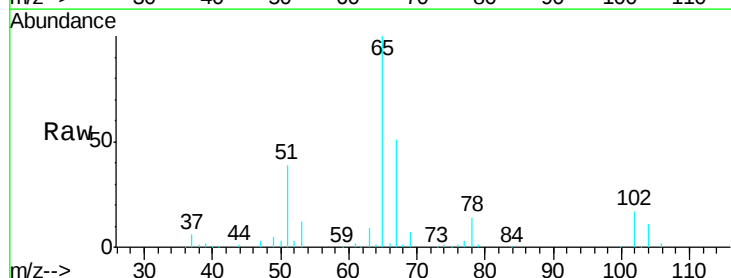


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

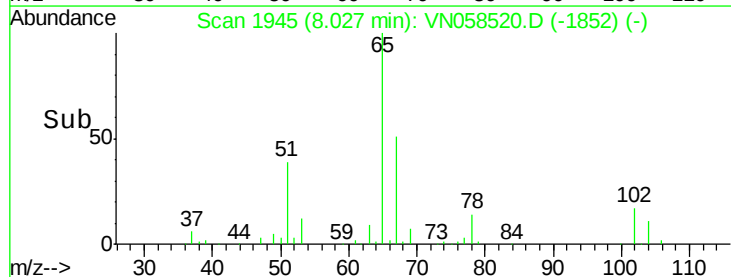
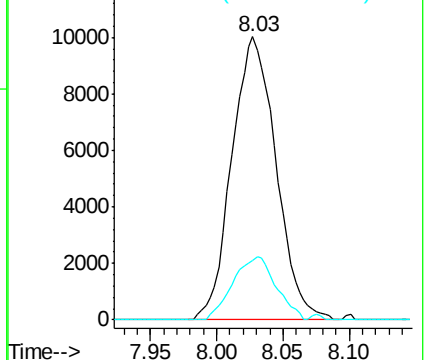


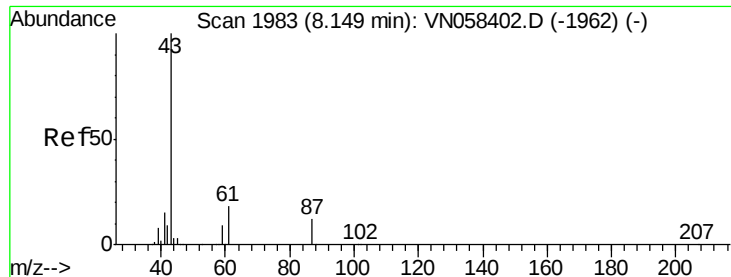
#40
Benzene
Concen: 1.477 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion: 78 Resp: 23194
Ion Ratio Lower Upper
78 100
77 21.2 18.9 28.3



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





#43

Isopropyl Acetate

Concen: 4.900 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.10 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-5

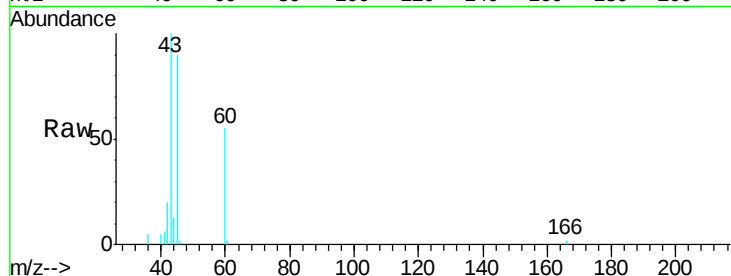
Tgt Ion: 43 Resp: 42684

Ion Ratio Lower Upper

43 100

61 0.6 14.8 22.2#

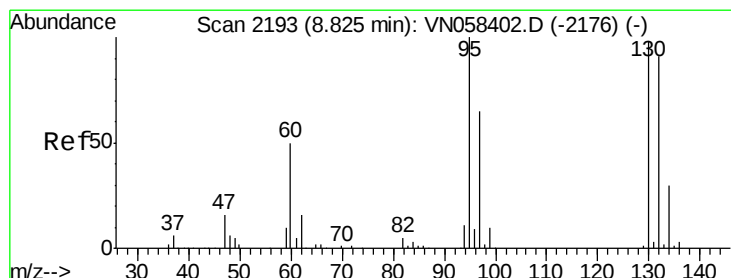
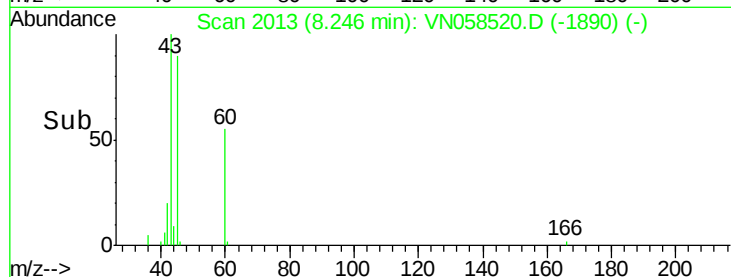
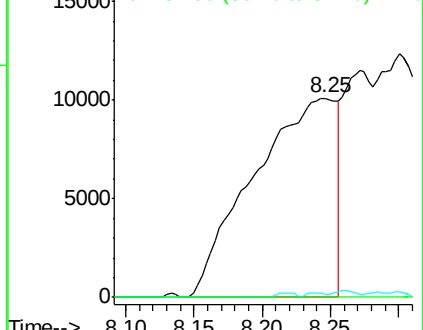
87 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN058520.D (-2013) (-)

Ion 61.00 (60.70 to 61.70): VN058520.D (-2013) (-)

Ion 87.00 (86.70 to 87.70): VN058520.D (-2013) (-)



#44

Trichloroethene

Concen: 18.591 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058520.D

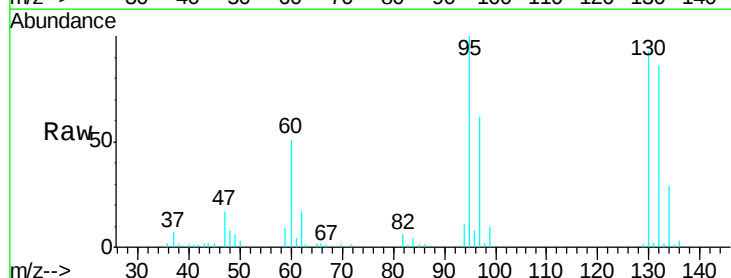
Acq: 3 Oct 2019 19:02

Tgt Ion: 130 Resp: 72089

Ion Ratio Lower Upper

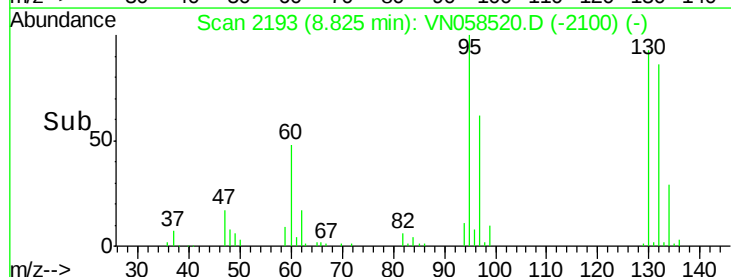
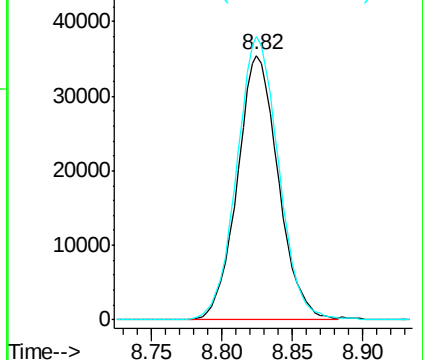
130 100

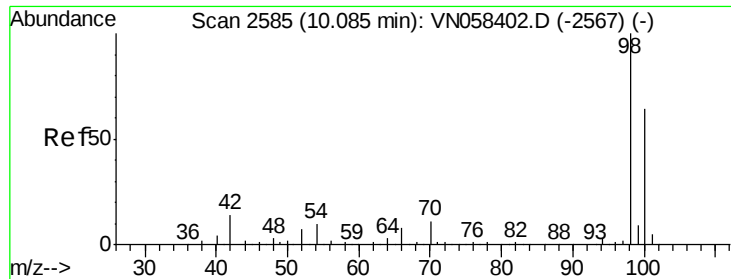
95 107.0 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058520.D (-2193) (-)

Ion 94.90 (94.60 to 95.60): VN058520.D (-2193) (-)





#50

Toluene-d8

Concen: 51.542 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

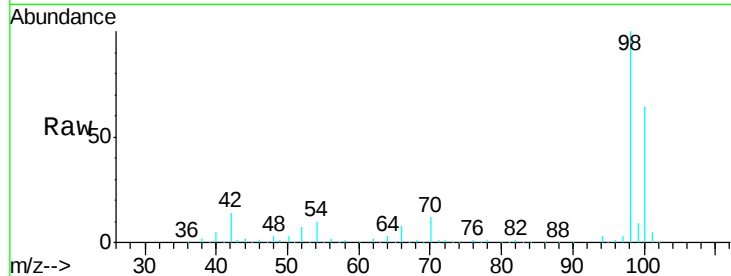
COMPOSITE-5

Tgt Ion: 98 Resp: 707060

Ion Ratio Lower Upper

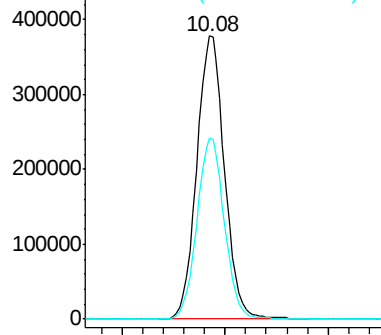
98 100

100 63.5 51.0 76.6

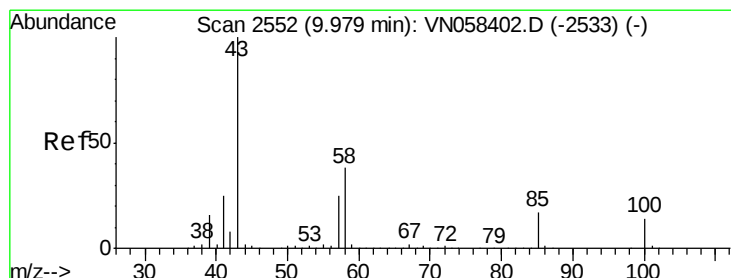
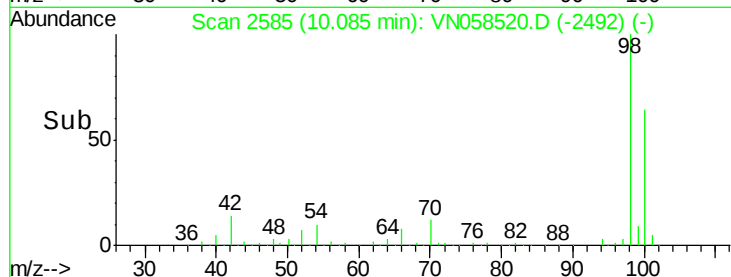


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.996 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN058520.D

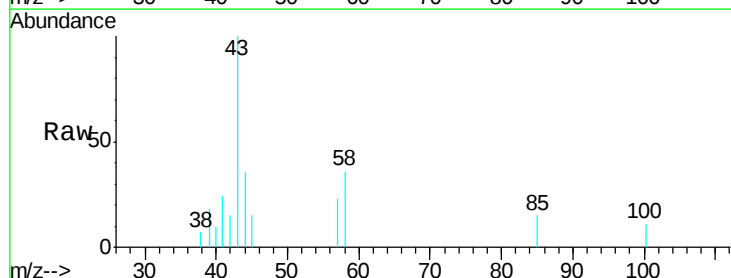
Acq: 3 Oct 2019 19:02

Tgt Ion: 43 Resp: 4455

Ion Ratio Lower Upper

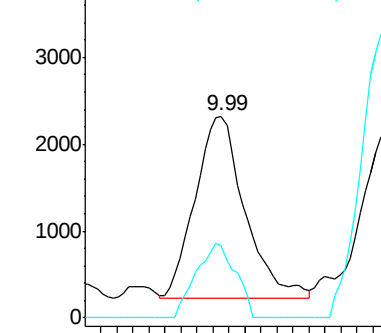
43 100

58 32.1 30.2 45.2

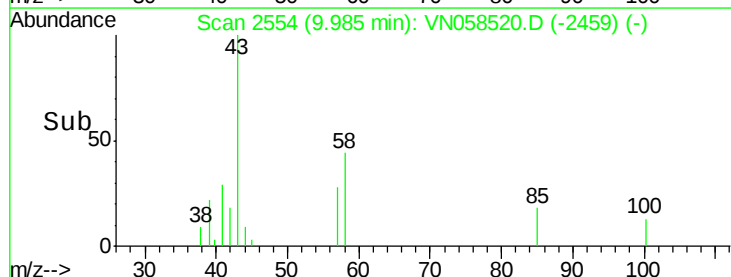


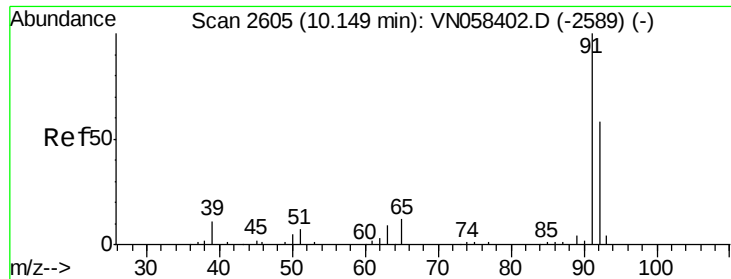
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#52

Toluene

Concen: 12.607 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

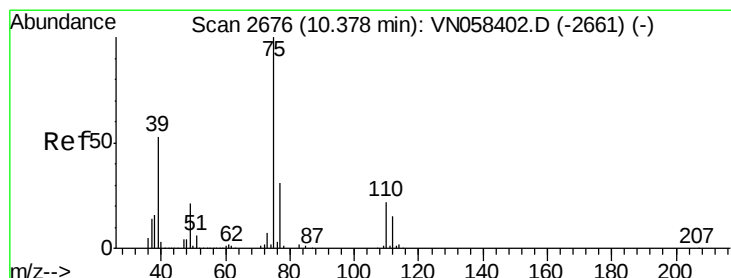
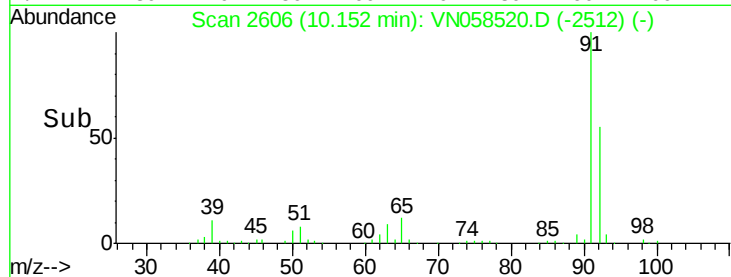
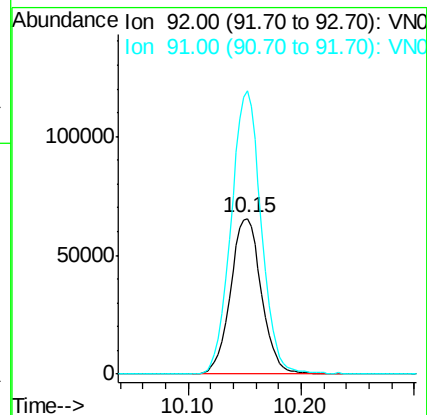
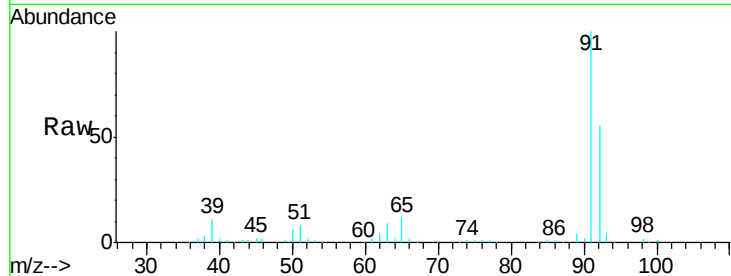
COMPOSITE-5

Tgt Ion: 92 Resp: 124615

Ion Ratio Lower Upper

92 100

91 178.1 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 0.268 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.23 min

Lab File: VN058520.D

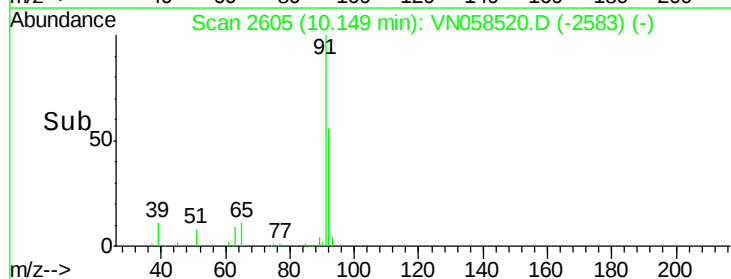
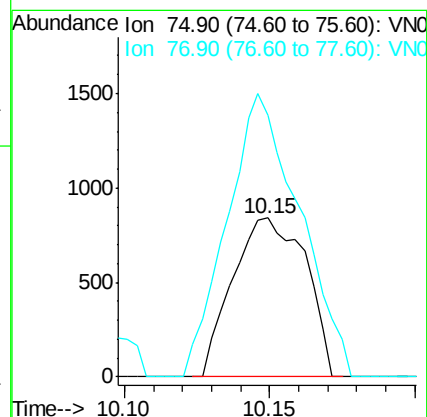
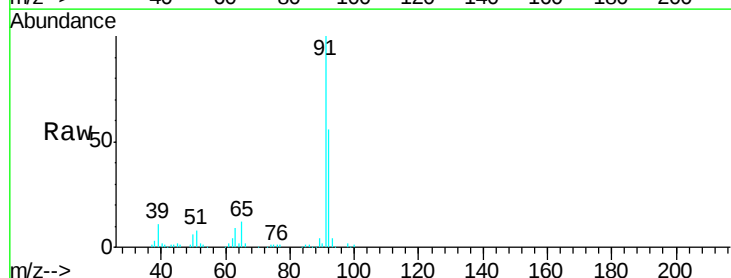
Acq: 3 Oct 2019 19:02

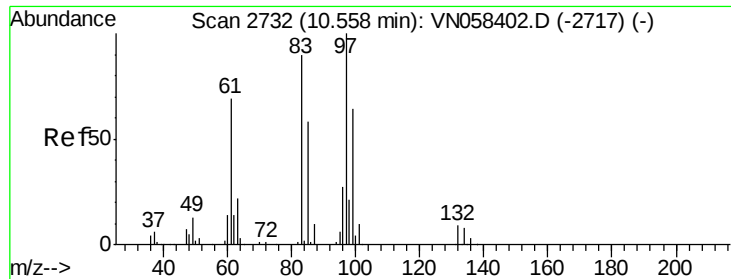
Tgt Ion: 75 Resp: 1476

Ion Ratio Lower Upper

75 100

77 144.4 25.2 37.8#

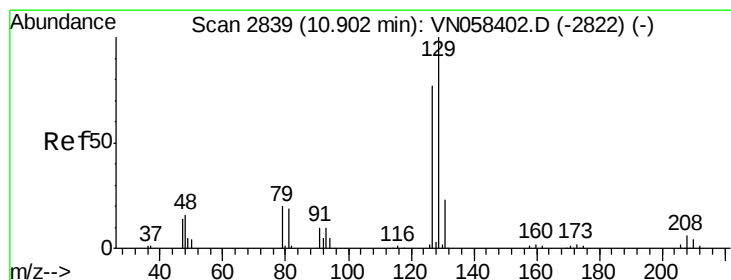
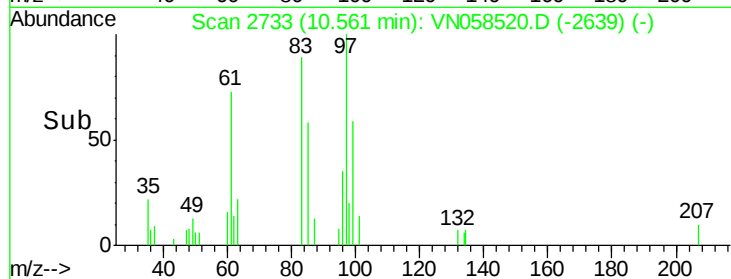
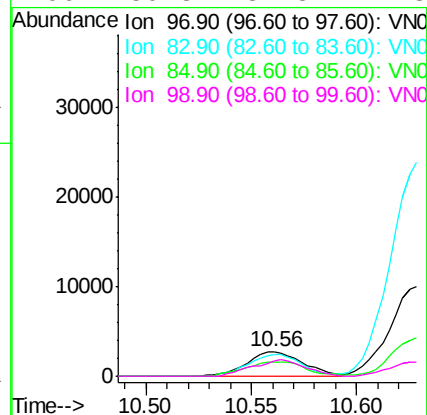
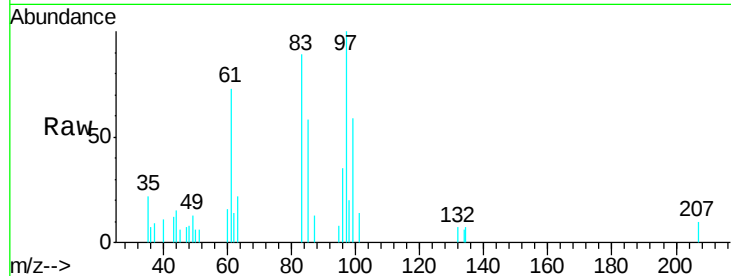




#55
 1,1,2-Trichloroethane
 Concen: 1.419 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

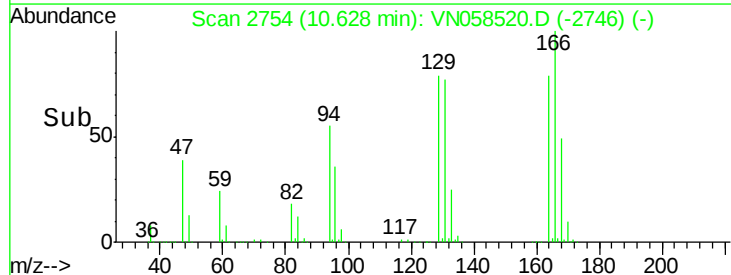
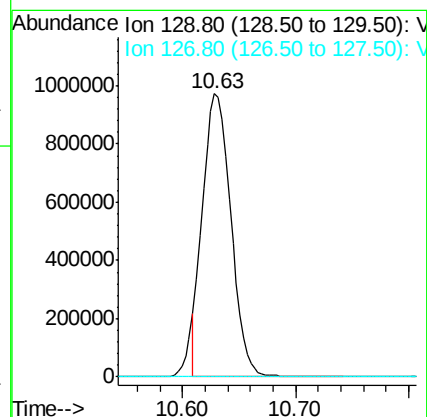
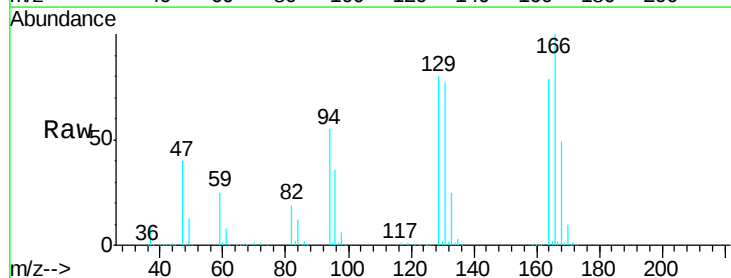
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

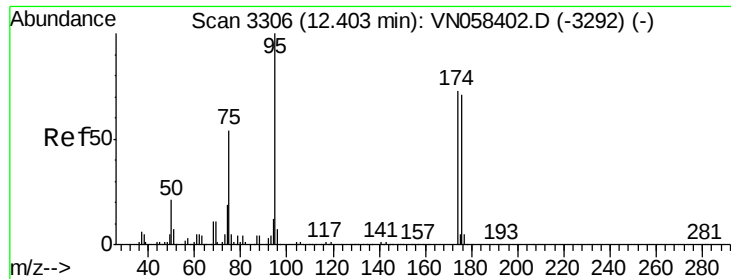
Tgt Ion: 97 Resp: 5109
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.8 107.6
 85 57.6 46.6 69.8
 99 59.3 51.5 77.3



#60
 Dibromochloromethane
 Concen: 455.239 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Tgt Ion: 129 Resp: 1680023
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#

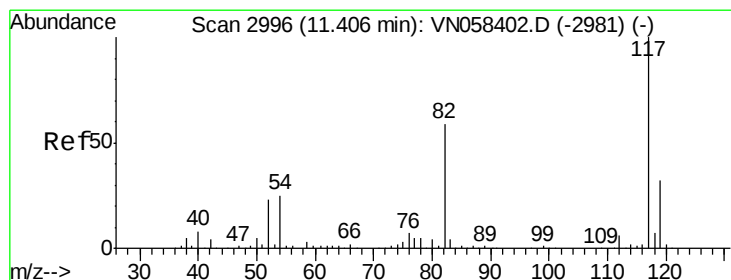
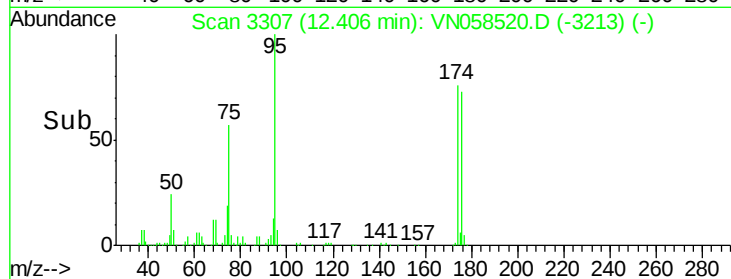
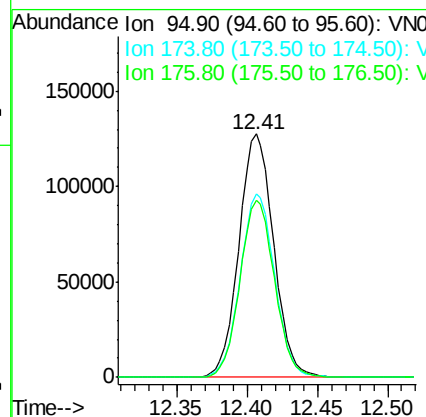
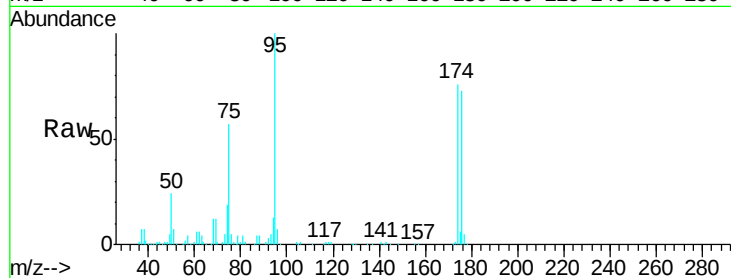




#62
4-Bromofluorobenzene
Concen: 44.327 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

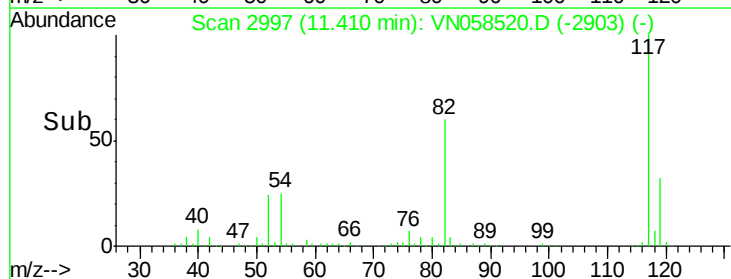
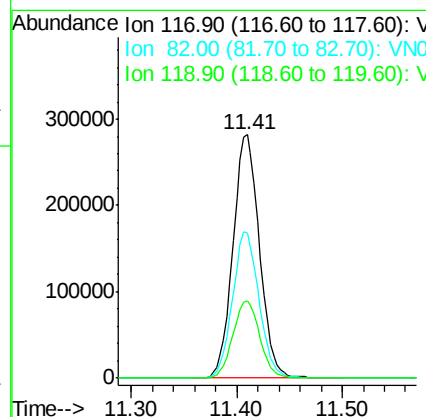
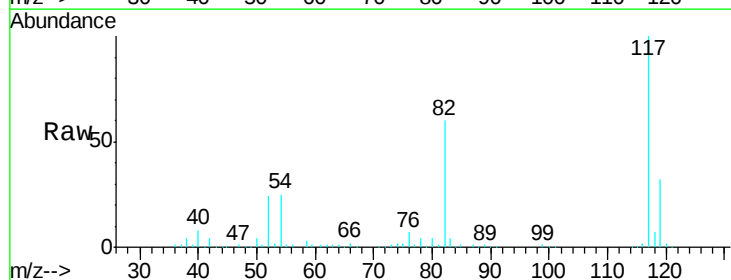
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5

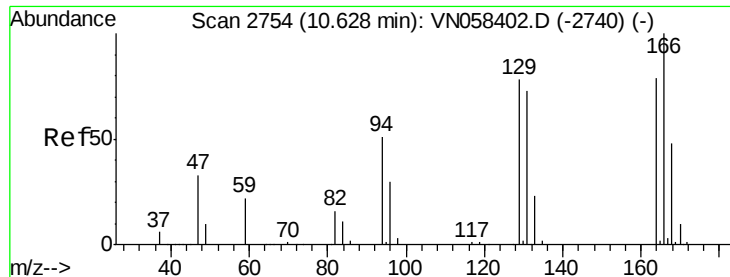
Tgt Ion: 95 Resp: 219871
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 72.6 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion: 117 Resp: 488384
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 31.9 25.5 38.3





#64

Tetrachloroethene

Concen: 567.718 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-5

Tgt Ion:164 Resp: 1761550

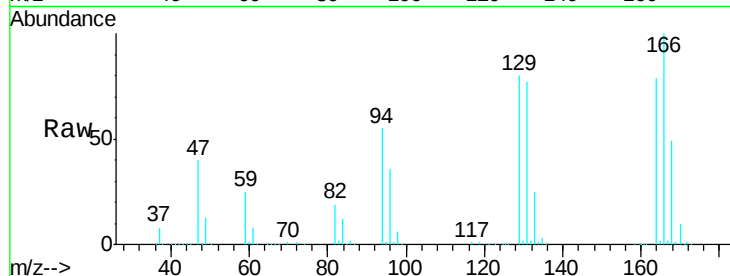
Ion Ratio Lower Upper

164 100

166 126.6 101.1 151.7

129 101.2 79.2 118.8

131 97.6 74.1 111.1

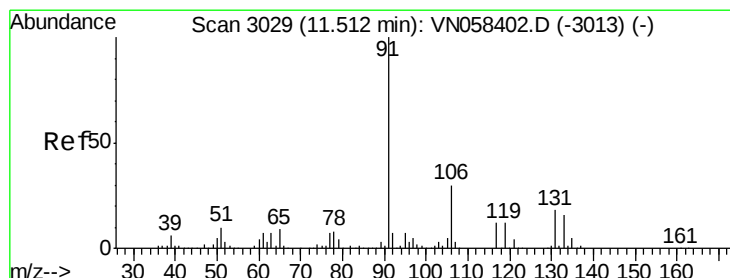
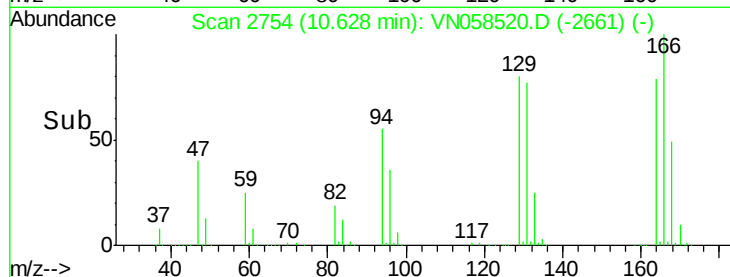
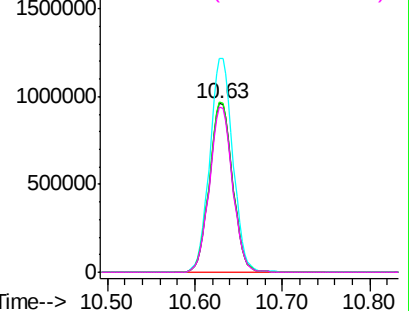


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 0.223 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN058520.D

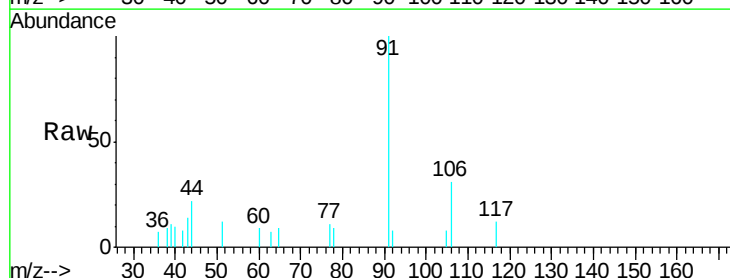
Acq: 3 Oct 2019 19:02

Tgt Ion: 91 Resp: 3916

Ion Ratio Lower Upper

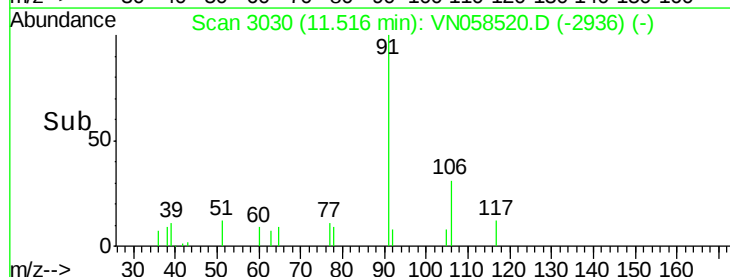
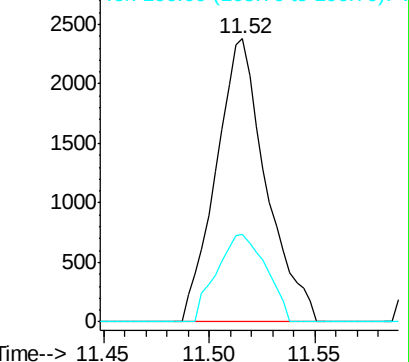
91 100

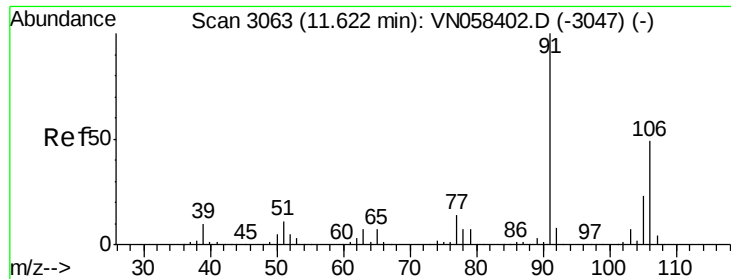
106 30.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

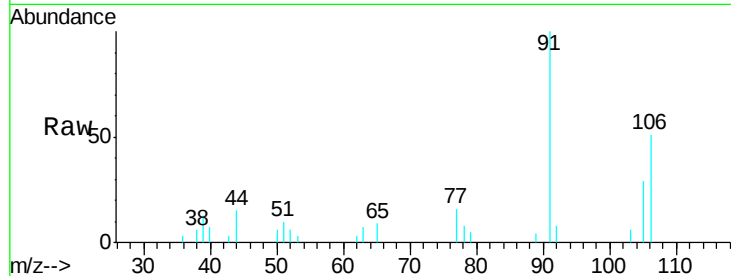




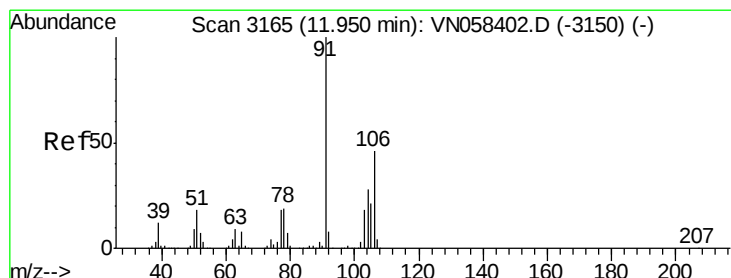
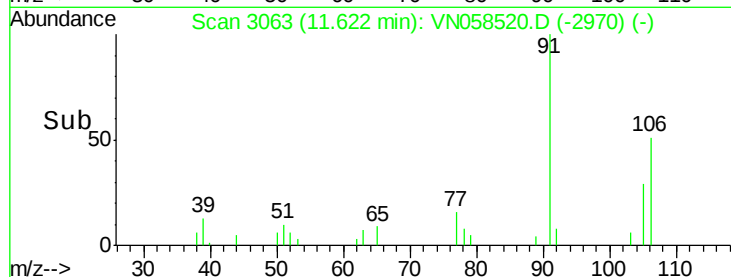
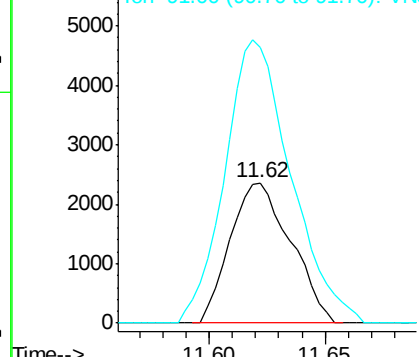
#68
m/p-Xylenes
Concen: 0.649 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-5

Tgt Ion:106 Resp: 4294
Ion Ratio Lower Upper
106 100
91 219.4 165.0 247.4

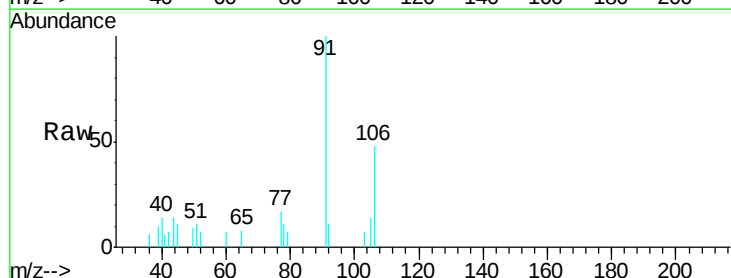


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

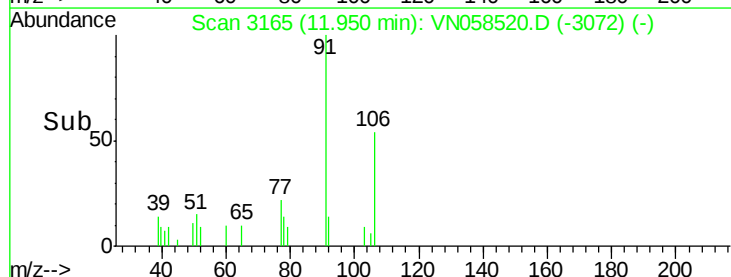
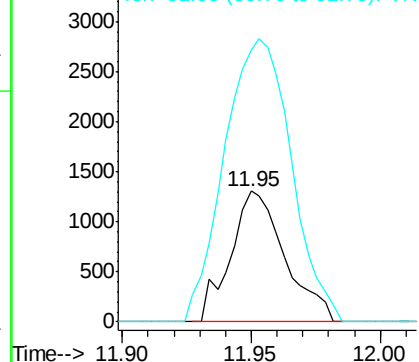


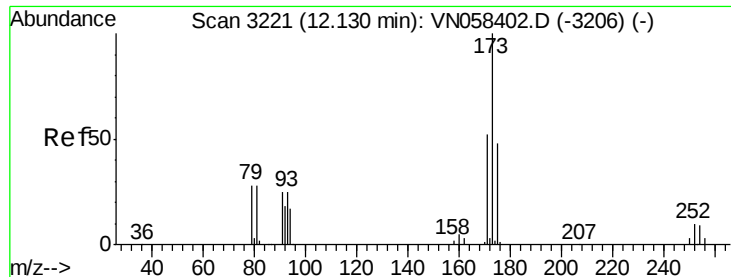
#69
o-Xylene
Concen: 0.301 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion:106 Resp: 1916
Ion Ratio Lower Upper
106 100
91 265.8 109.1 327.4



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

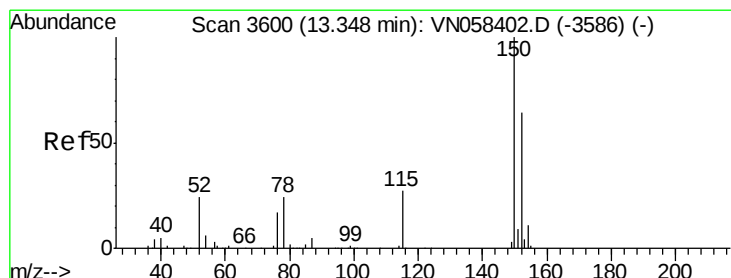
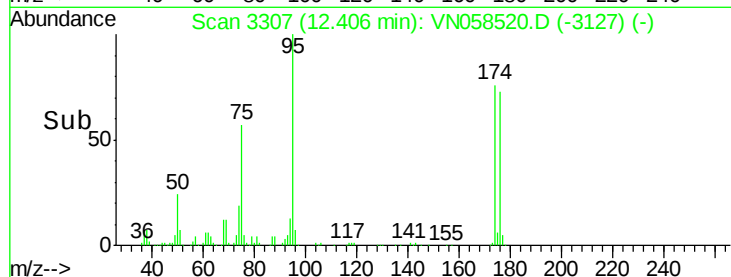
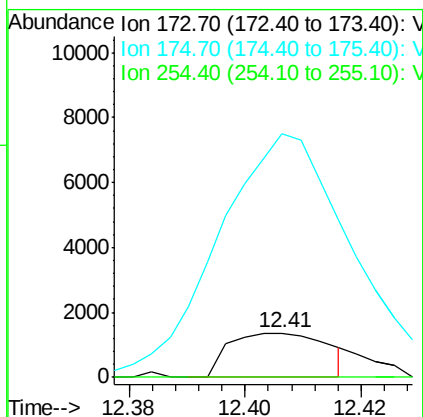
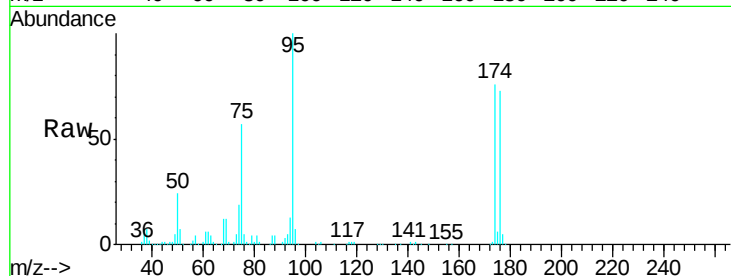




#71
Bromoform
Concen: 1.389 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

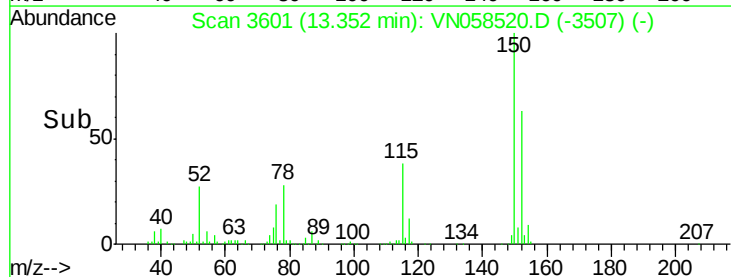
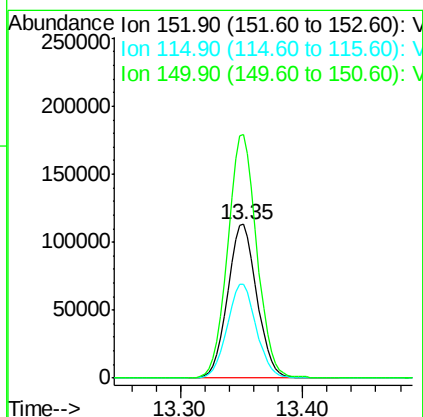
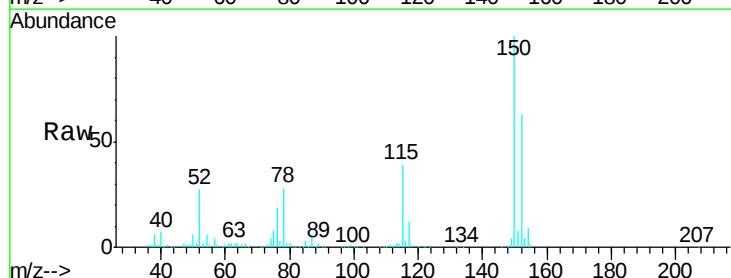
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-5

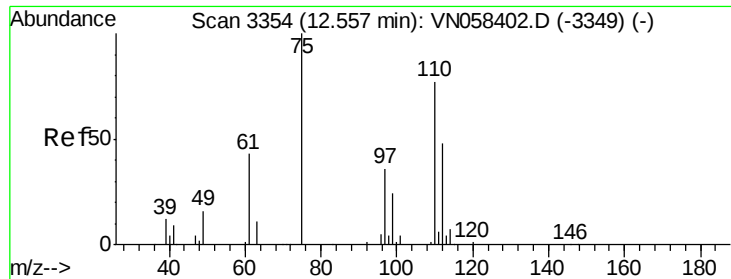
Tgt Ion:173 Resp: 1591
Ion Ratio Lower Upper
173 100
175 627.3 24.3 73.0#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058520.D
Acq: 3 Oct 2019 19:02

Tgt Ion:152 Resp: 189596
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.0
150 157.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 36.246 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

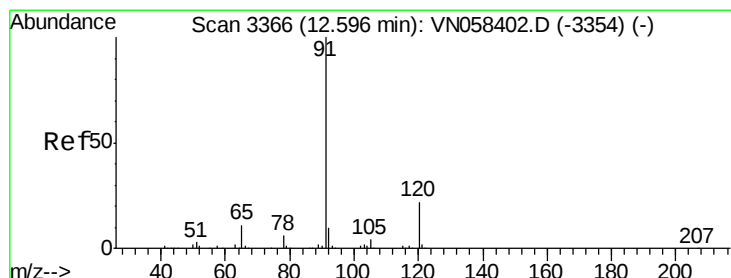
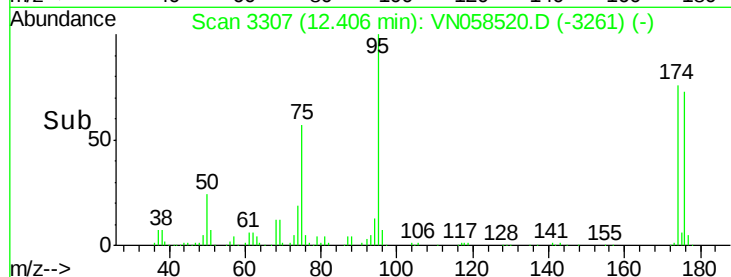
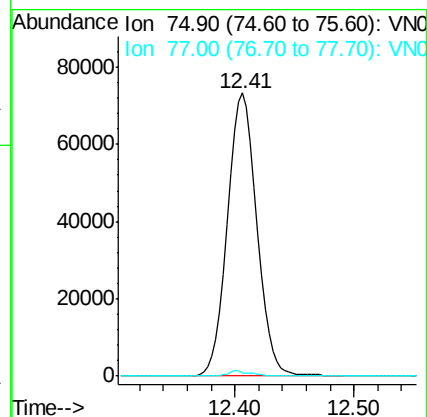
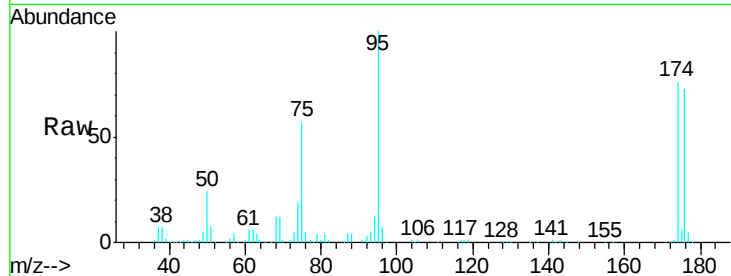
COMPOSITE-5

Tgt Ion: 75 Resp: 125518

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 0.395 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058520.D

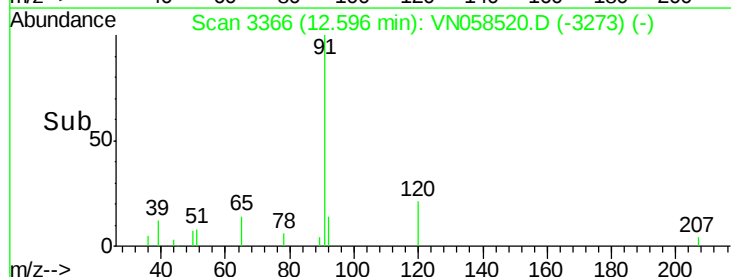
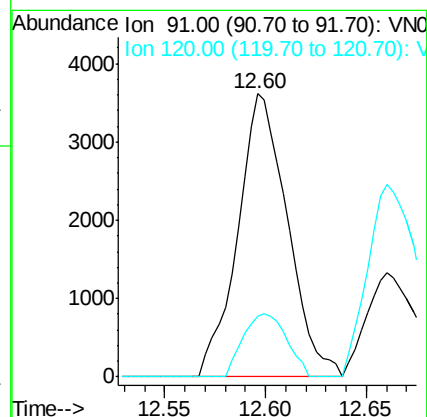
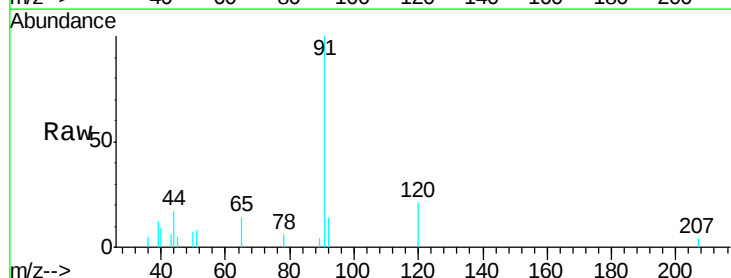
Acq: 3 Oct 2019 19:02

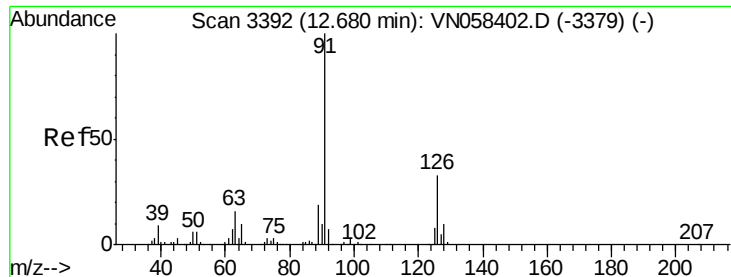
Tgt Ion: 91 Resp: 6231

Ion Ratio Lower Upper

91 100

120 19.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.316 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN058520.D

Acq: 3 Oct 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

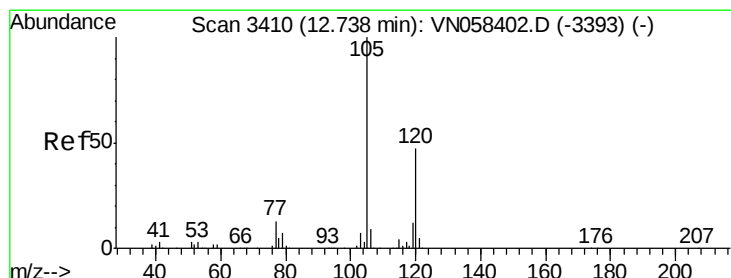
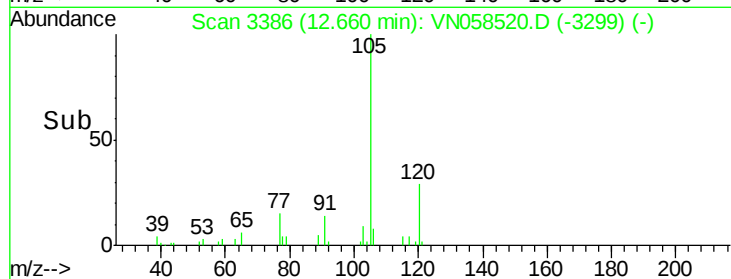
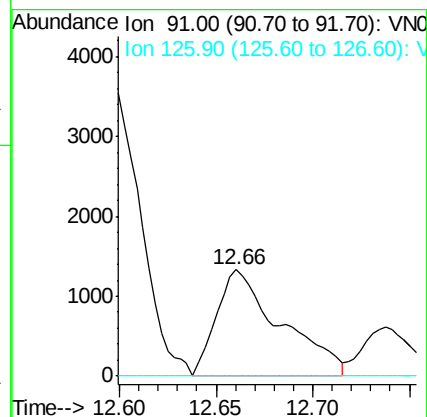
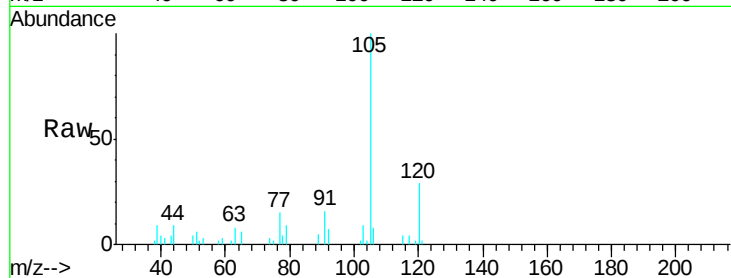
COMPOSITE-5

Tgt Ion: 91 Resp: 3076

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 0.668 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058520.D

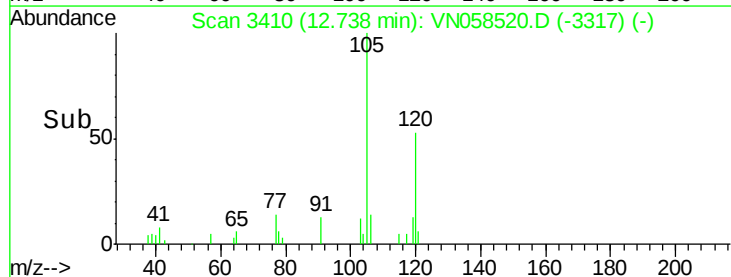
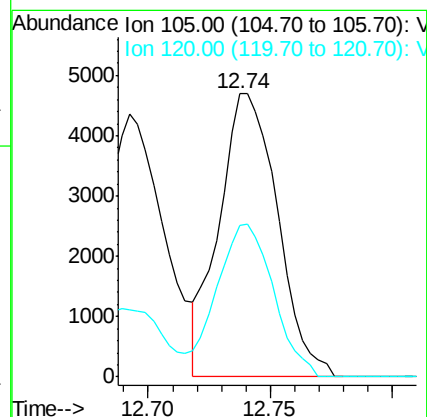
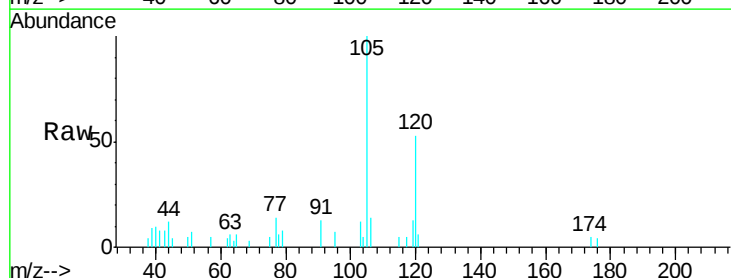
Acq: 3 Oct 2019 19:02

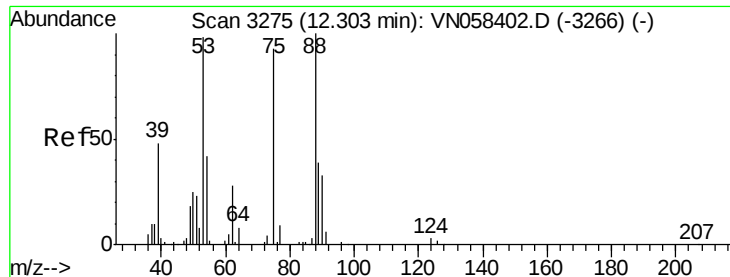
Tgt Ion: 105 Resp: 7833

Ion Ratio Lower Upper

105 100

120 52.5 23.5 70.6

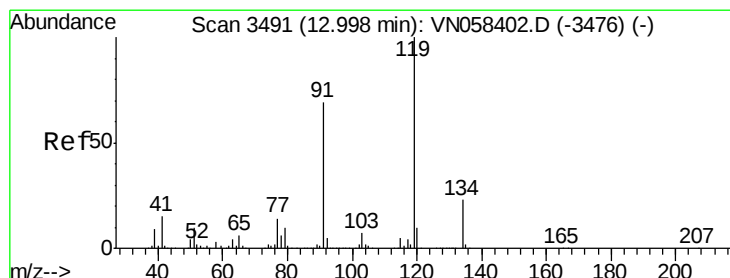
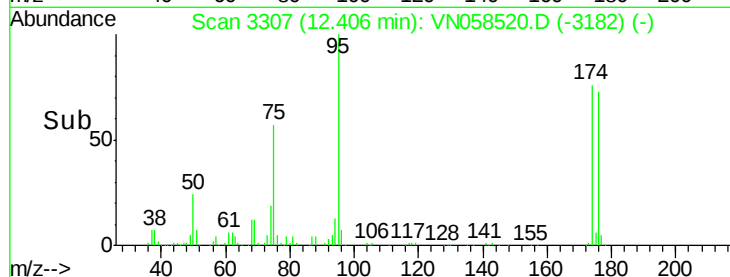
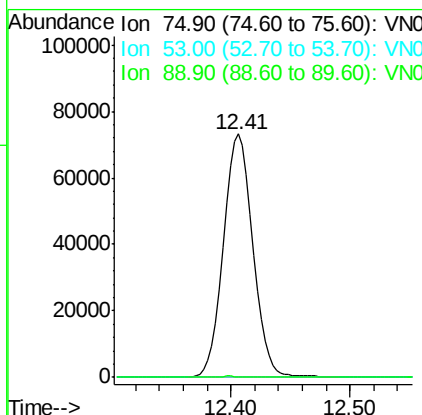
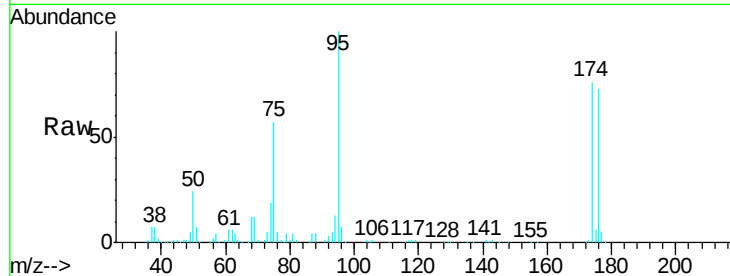




#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.082 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

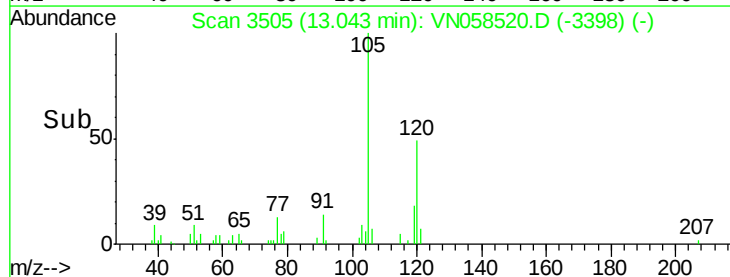
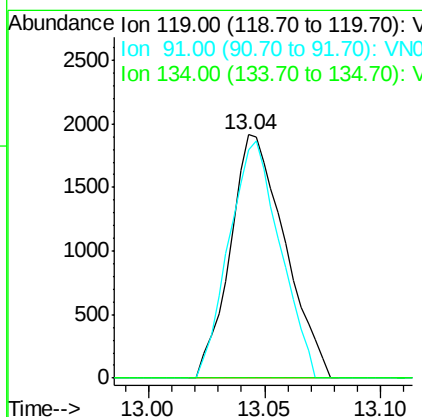
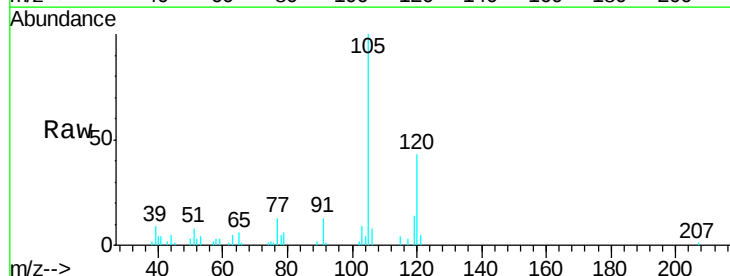
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

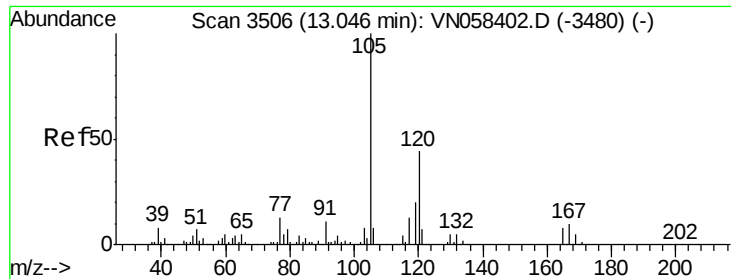
Tgt Ion: 75 Resp: 125518
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.2 35.0 52.4#



#83
 tert-Butylbenzene
 Concen: 0.316 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Tgt Ion: 119 Resp: 3126
 Ion Ratio Lower Upper
 119 100
 91 91.1 34.2 102.6
 134 0.0 11.6 34.8#

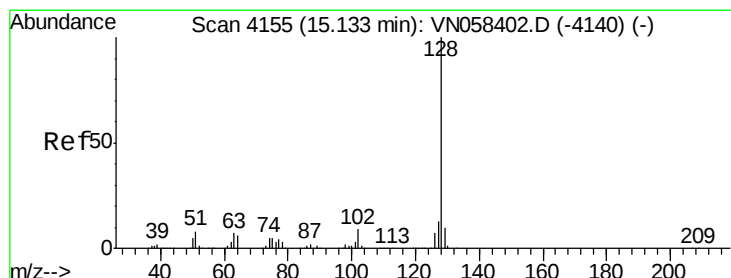
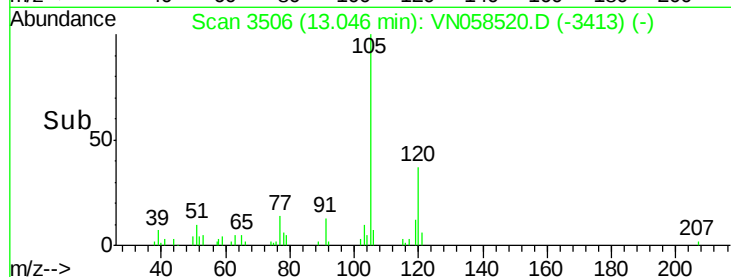
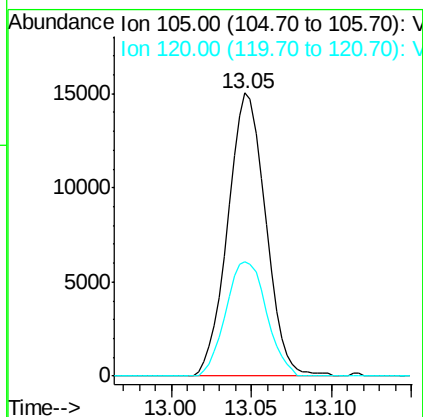
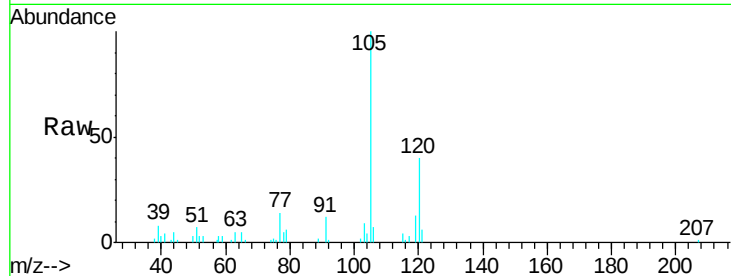




#84
 1,2,4-Trimethylbenzene
 Concen: 2.066 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

Tgt Ion:105 Resp: 24273
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.7 65.1



#95
 Naphthalene
 Concen: 0.396 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058520.D
 Acq: 3 Oct 2019 19:02

Tgt Ion:128 Resp: 3934
 Ion Ratio Lower Upper
 128 100
 127 6.7 10.2 15.4#
 129 11.7 8.3 12.5

