

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058507.D
 Acq On : 3 Oct 2019 14:15
 Operator : JC/SP
 Sample : K5095-04DL 1000X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4DL

Quant Time: Oct 04 03:19:06 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	344389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179526	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	255647	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.60%		
35) Dibromofluoromethane	7.57	113	182266	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.00%		
50) Toluene-d8	10.08	98	709464	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.34%		
62) 4-Bromofluorobenzene	12.41	95	217379	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.56%		

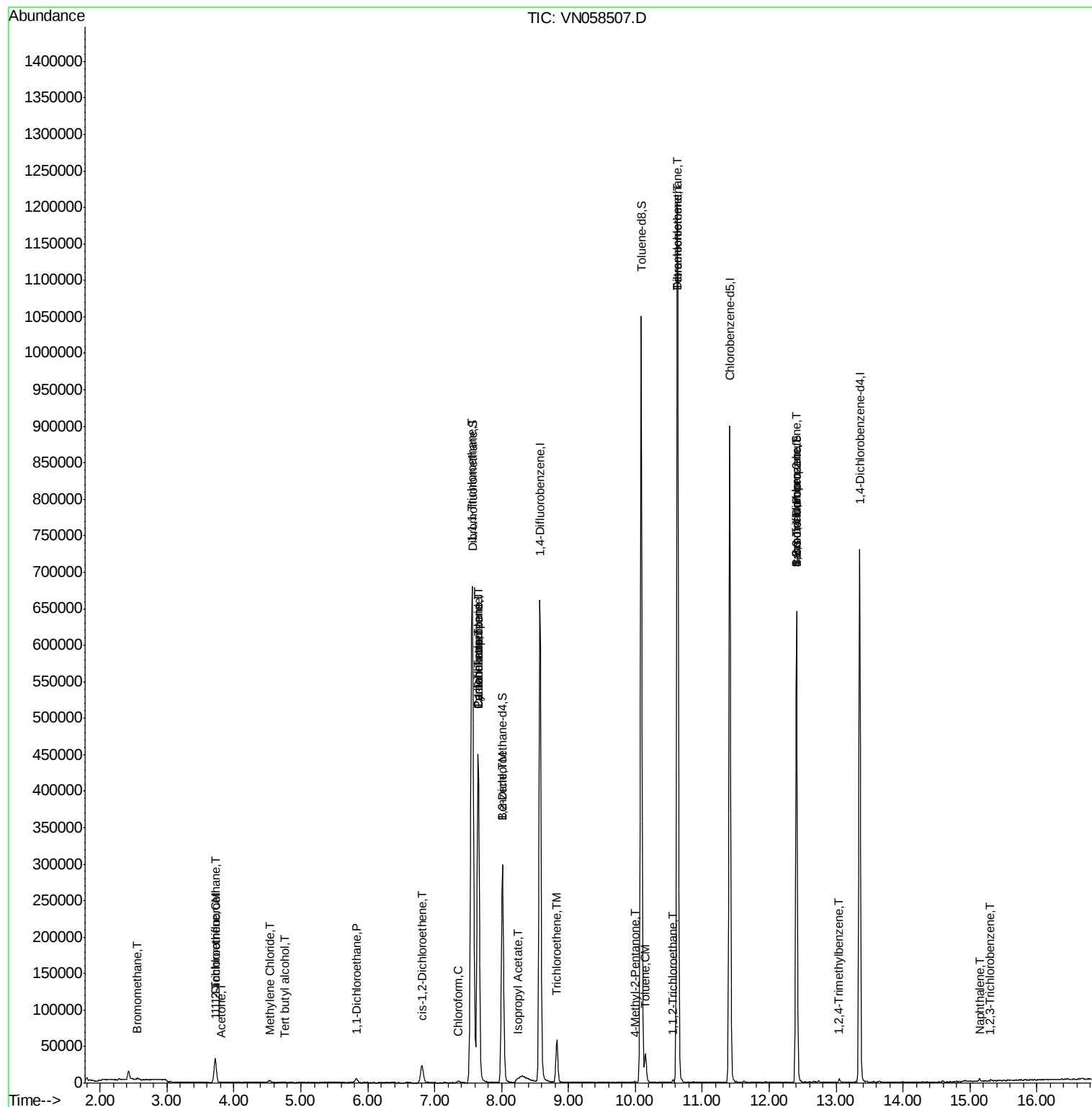
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	509	0.236	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1763	0.529	ug/l #	62
11) Tert butyl alcohol	4.76	59	175	0.313	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	14683	4.520	ug/l	100
16) Acetone	3.81	43	399	0.233	ug/l #	61
20) Methylene Chloride	4.53	84	1035	0.261	ug/l	85
24) 1,1-Dichloroethane	5.82	63	4445	0.621	ug/l #	92
27) cis-1,2-Dichloroethene	6.81	96	11027	2.612	ug/l	91
30) Chloroform	7.35	83	2746	0.378	ug/l #	75
31) Cyclohexane	7.65	56	8785	1.261	ug/l #	17
32) 1,1,1-Trichloroethane	7.55	97	446472	74.932	ug/l	98
36) 1,1-Dichloropropene	7.65	75	30845	5.641	ug/l #	50
38) Carbon Tetrachloride	7.65	117	36765	7.448	ug/l #	16
40) Benzene	8.02	78	9039	0.575	ug/l	92
43) Isopropyl Acetate	8.23	43	3324	0.381	ug/l #	63
44) Trichloroethene	8.82	130	21018	5.415	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1696	0.379	ug/l #	37
52) Toluene	10.15	92	15220	1.538	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	1247	0.346	ug/l #	87
60) Dibromochloromethane	10.63	129	247361	66.490	ug/l #	11
64) Tetrachloroethene	10.63	164	259355	83.037	ug/l	97
71) Bromoform	12.41	173	755	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	119843	36.548	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	119843	111.001	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	3103	0.279	ug/l	93
95) Naphthalene	15.14	128	3195	0.335	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.31	180	923	0.282	ug/l #	70

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

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

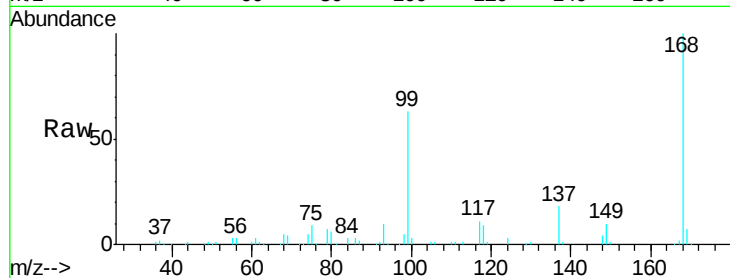
COMPOSITE-4DL

Tgt Ion:168 Resp: 344389

Ion Ratio Lower Upper

168 100

99 62.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

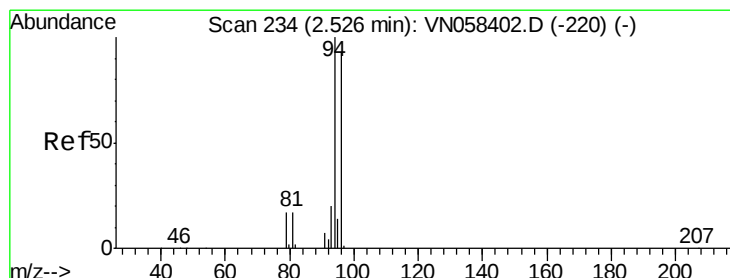
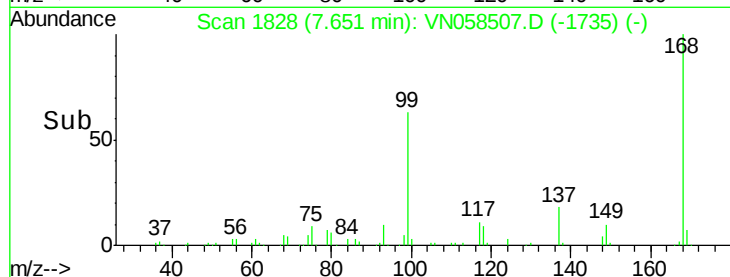
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.236 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.04 min

Lab File: VN058507.D

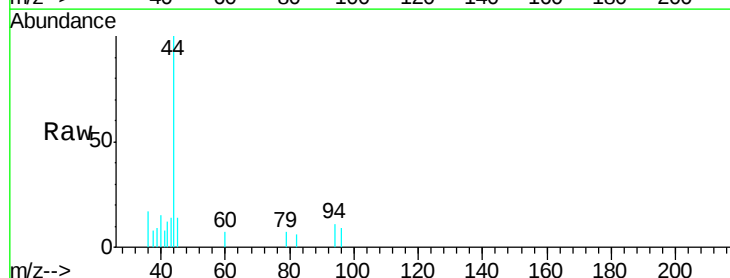
Acq: 3 Oct 2019 14:15

Tgt Ion: 94 Resp: 509

Ion Ratio Lower Upper

94 100

96 79.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

300

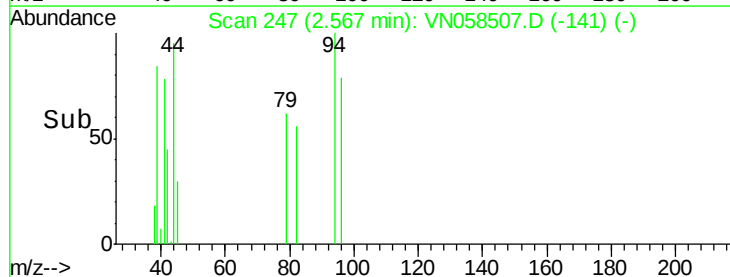
200

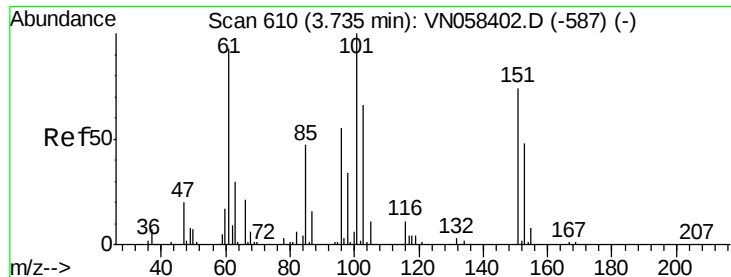
100

0

2.52 2.54 2.56 2.58

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.529 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4DL

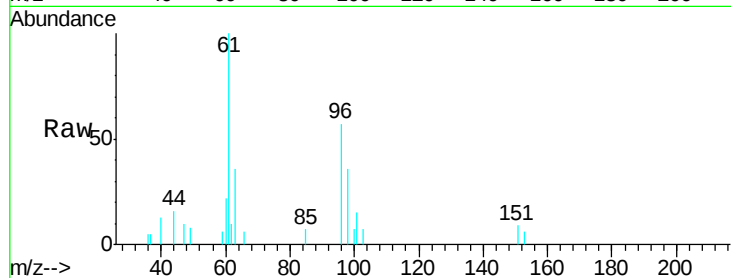
Tgt Ion:101 Resp: 1763

Ion Ratio Lower Upper

101 100

85 27.1 36.7 55.1#

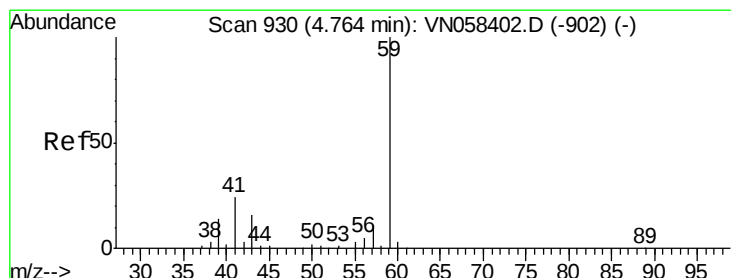
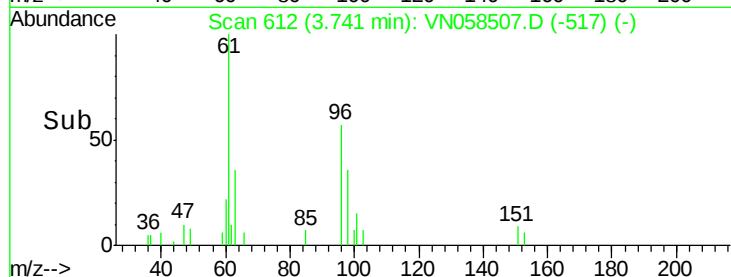
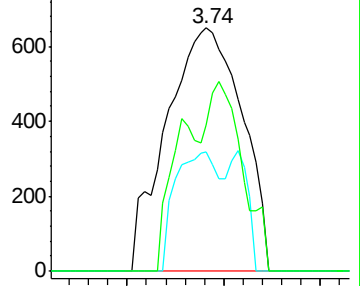
151 36.9 59.4 89.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.313 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN058507.D

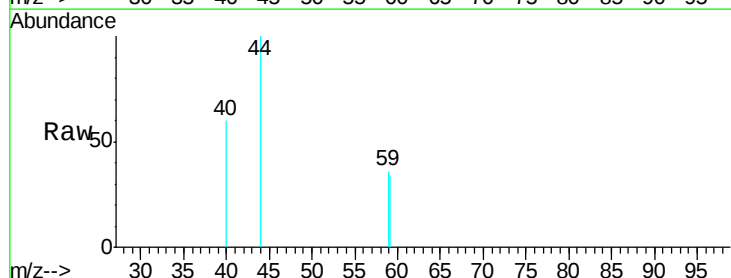
Acq: 3 Oct 2019 14:15

Tgt Ion: 59 Resp: 175

Ion Ratio Lower Upper

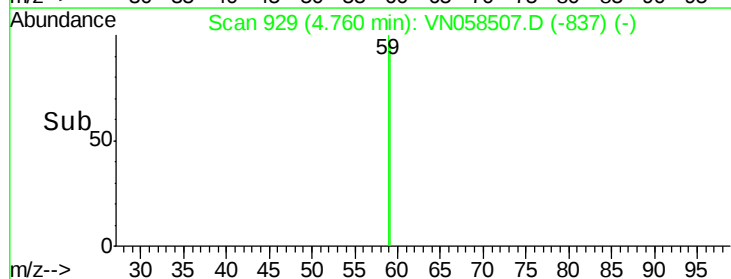
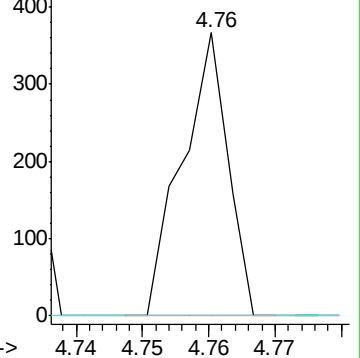
59 100

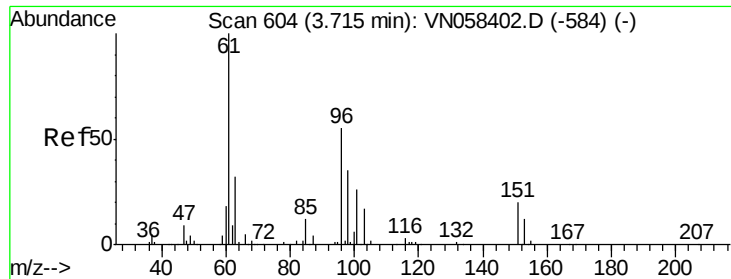
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

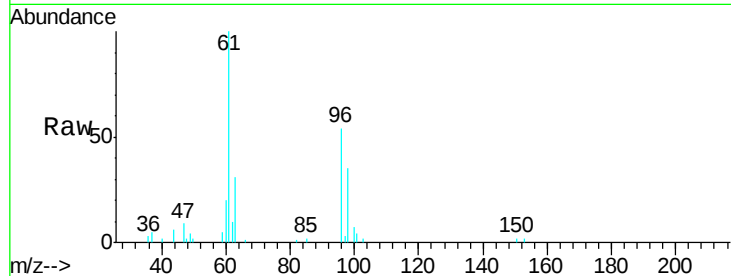




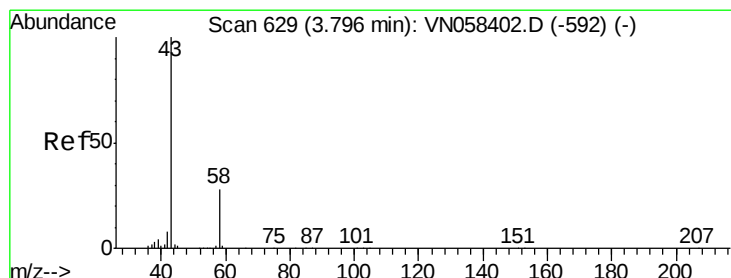
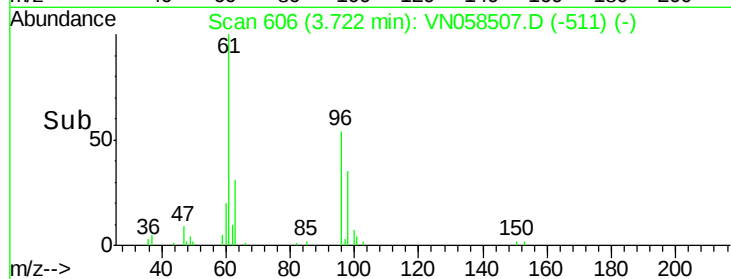
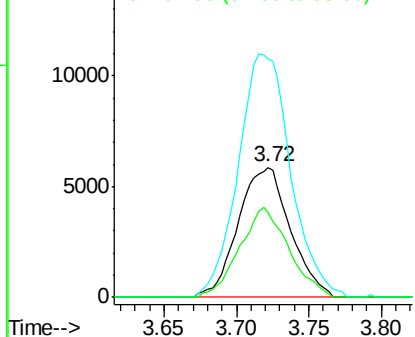
#12
 1,1-Dichloroethene
 Concen: 4.520 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VN058507.D
 Acq: 3 Oct 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4DL

Tgt Ion: 96 Resp: 14683
 Ion Ratio Lower Upper
 96 100
 61 183.8 146.7 220.1
 98 65.0 51.3 76.9

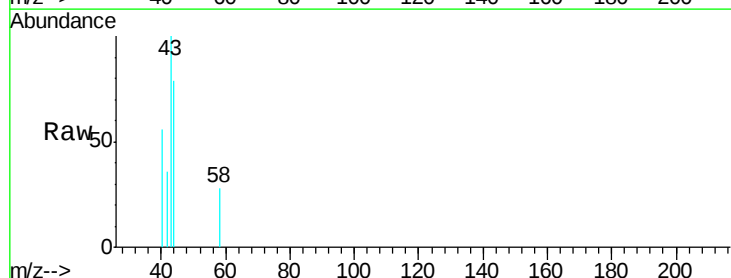


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

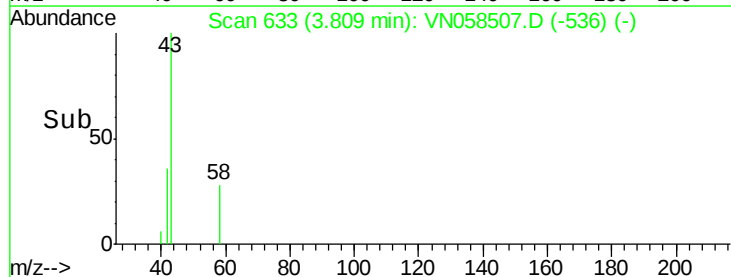
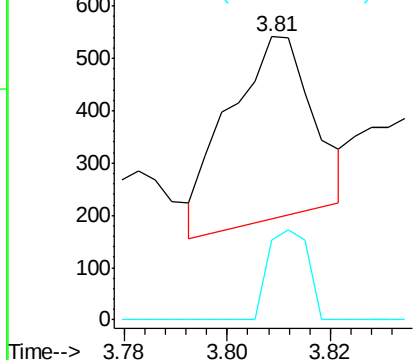


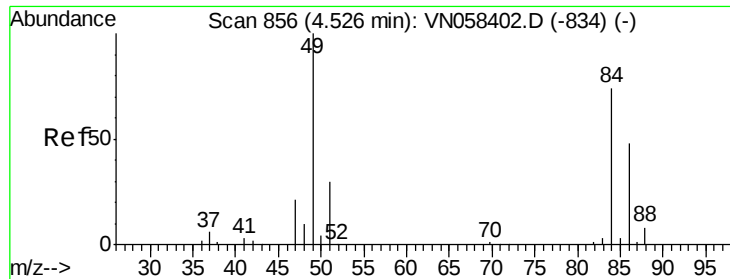
#16
 Acetone
 Concen: 0.233 ug/l
 RT: 3.81 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VN058507.D
 Acq: 3 Oct 2019 14:15

Tgt Ion: 43 Resp: 399
 Ion Ratio Lower Upper
 43 100
 58 48.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

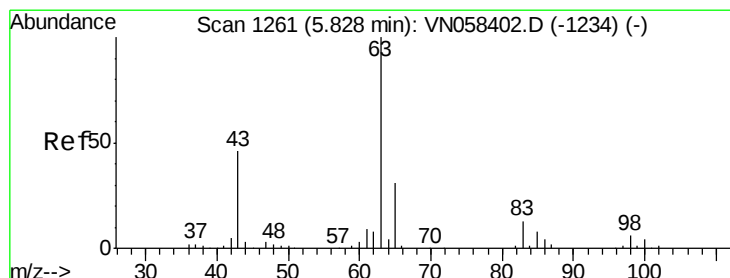
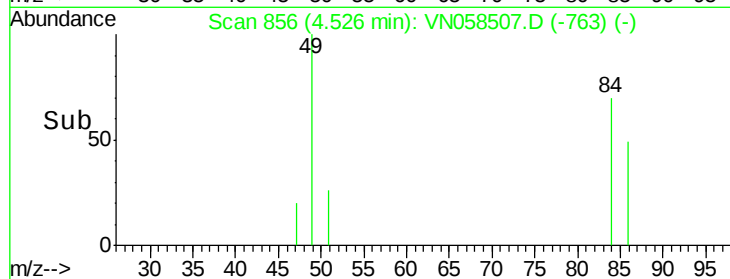
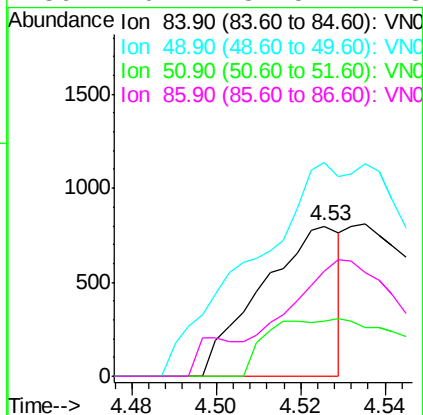
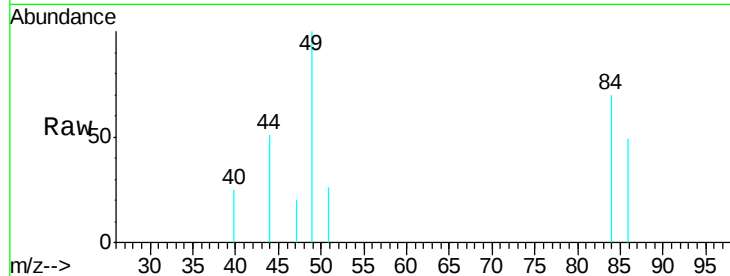




#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

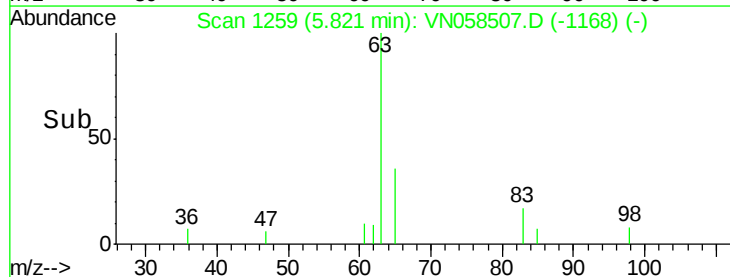
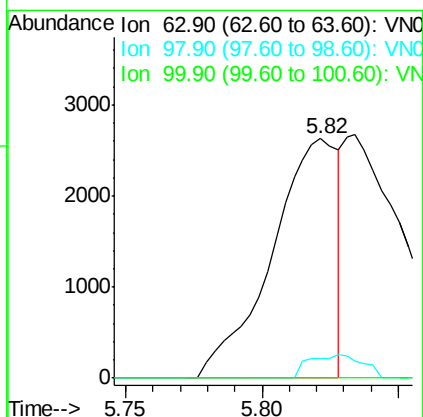
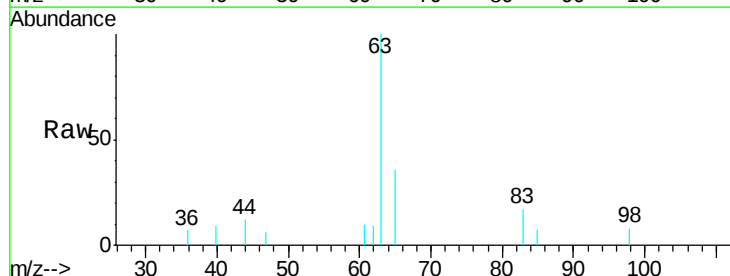
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4DL

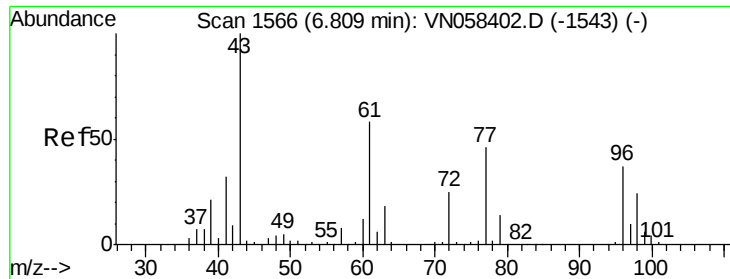
Tgt Ion:	84	Resp:	1035
Ion	Ratio	Lower	Upper
84	100		
49	109.4	107.9	161.9
51	36.7	32.8	49.2
86	70.1	51.5	77.3



#24
1,1-Dichloroethane
Concen: 0.621 ug/l
RT: 5.82 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

Tgt Ion:	63	Resp:	4445
Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.0	9.0
100	0.0	2.0	5.8#





#27

cis-1,2-Dichloroethene

Concen: 2.612 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4DL

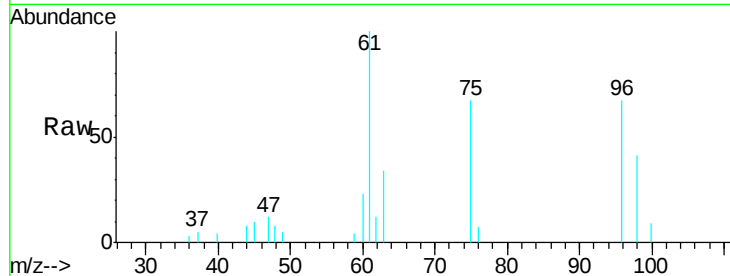
Tgt Ion: 96 Resp: 11027

Ion Ratio Lower Upper

96 100

61 142.9 0.0 318.8

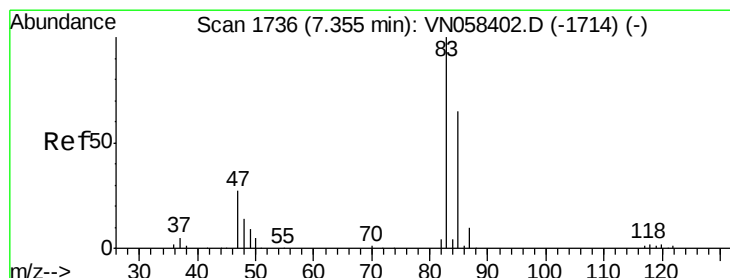
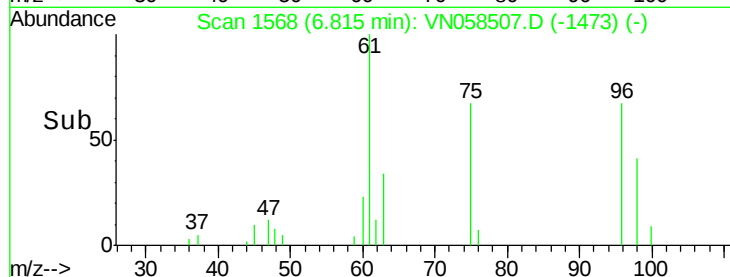
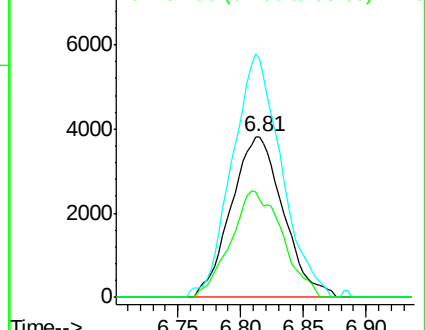
98 65.5 0.0 129.8



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



#30

Chloroform

Concen: 0.378 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.01 min

Lab File: VN058507.D

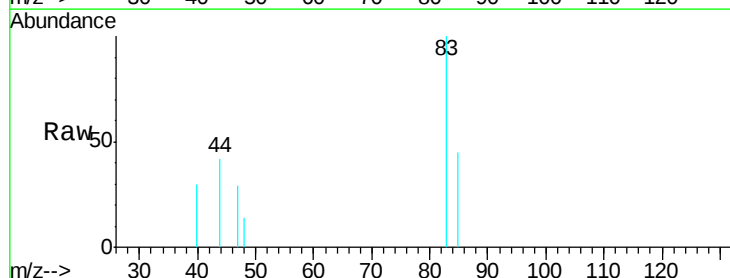
Acq: 3 Oct 2019 14:15

Tgt Ion: 83 Resp: 2746

Ion Ratio Lower Upper

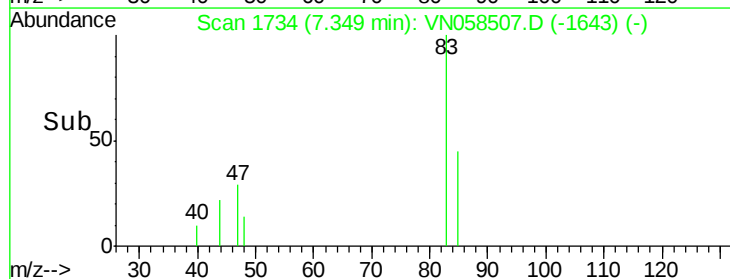
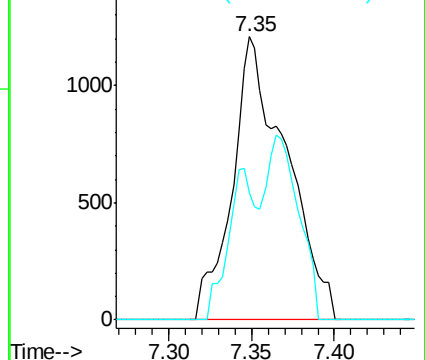
83 100

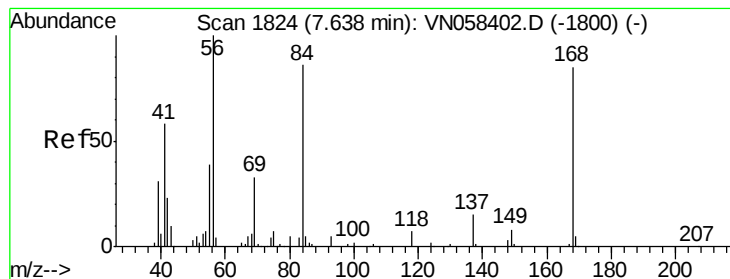
85 45.1 52.0 78.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.261 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058507.D

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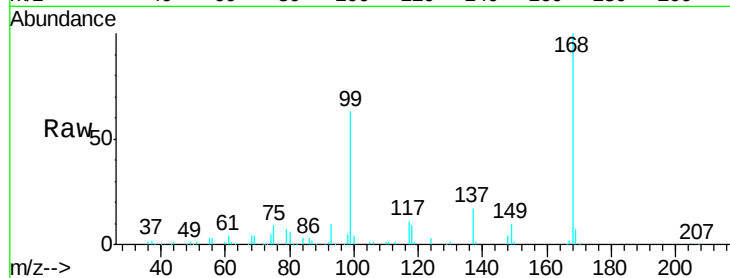
Tgt Ion: 56 Resp: 8785

Ion Ratio Lower Upper

56 100

69 160.5 26.2 39.4#

84 108.9 67.6 101.4#

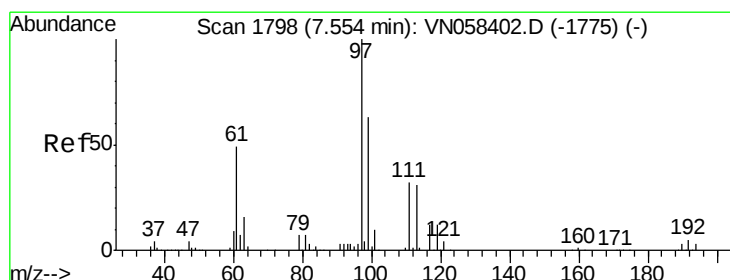
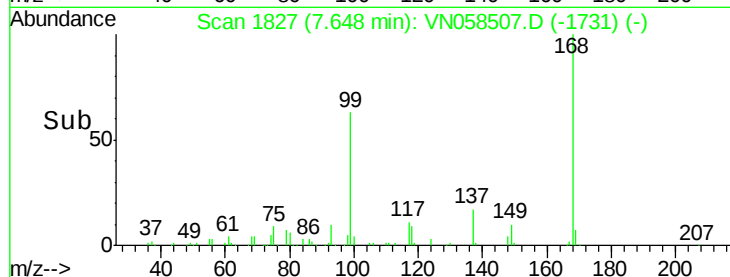
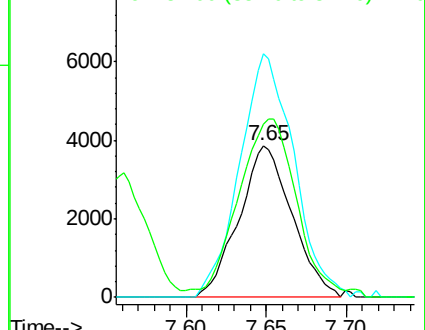


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 74.932 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

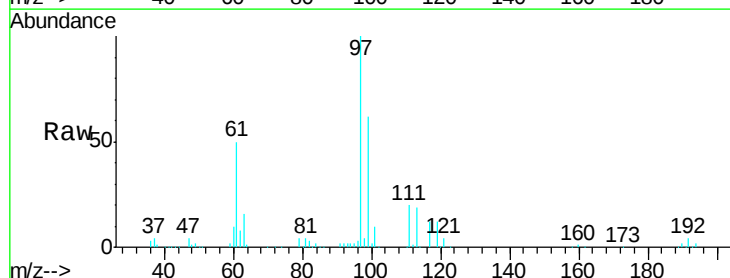
Tgt Ion: 97 Resp: 446472

Ion Ratio Lower Upper

97 100

99 62.9 51.1 76.7

61 51.3 39.2 58.8

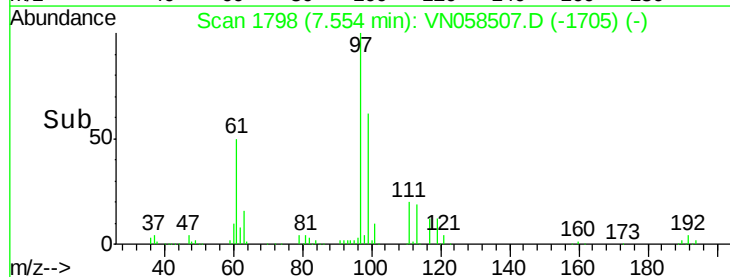
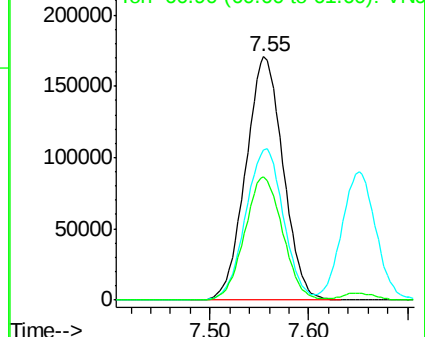


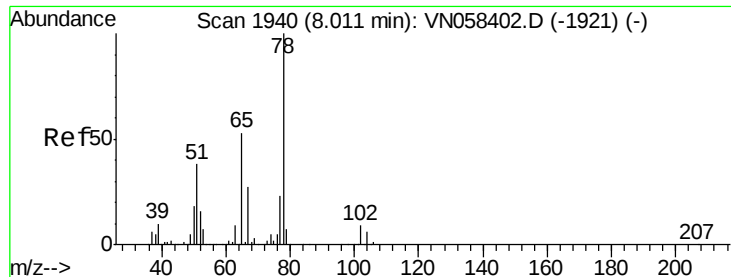
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.797 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

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ClientSampleId :

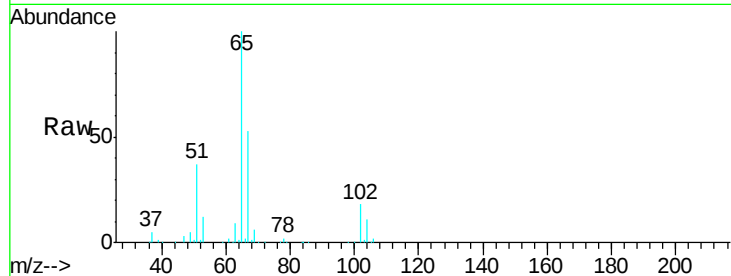
COMPOSITE-4DL

Tgt Ion: 65 Resp: 255647

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

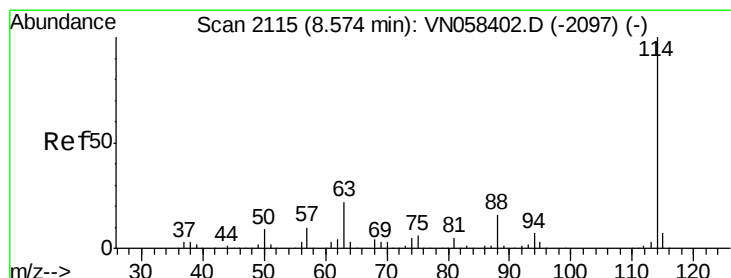
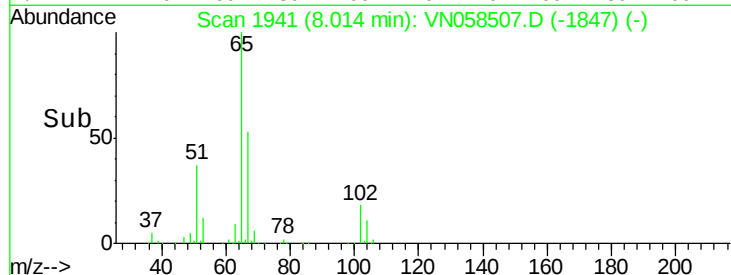
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

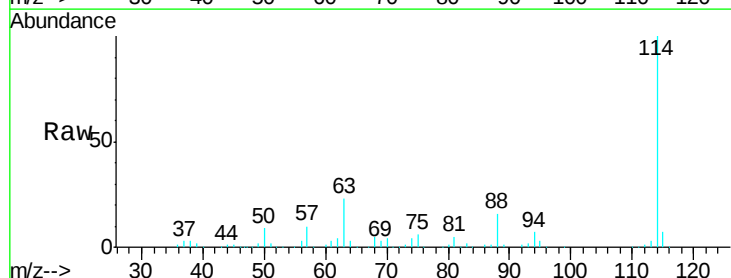
Tgt Ion: 114 Resp: 571881

Ion Ratio Lower Upper

114 100

63 23.3 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): VNO

Ion 87.90 (87.60 to 88.60): VNO

8.57

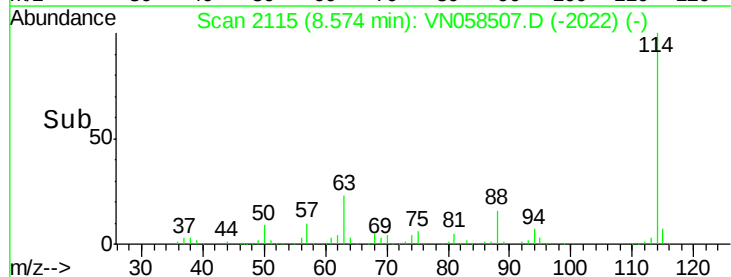
300000

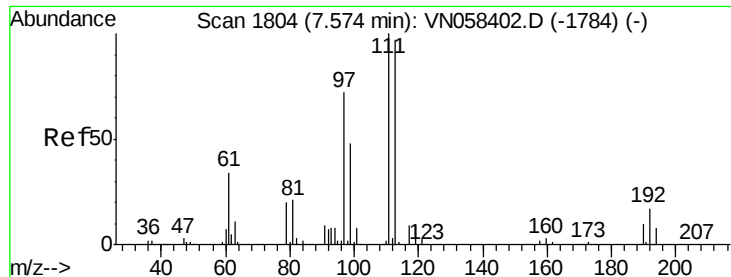
200000

100000

0

Time-->

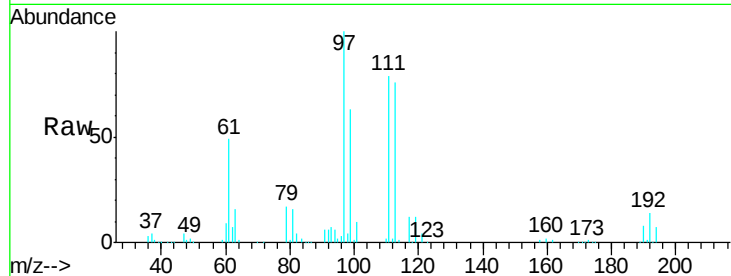




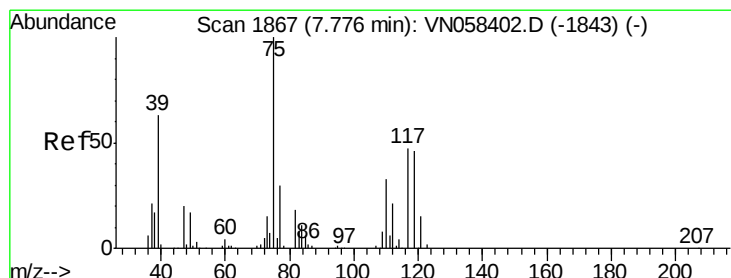
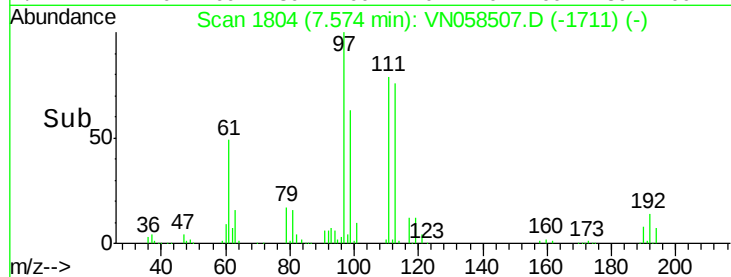
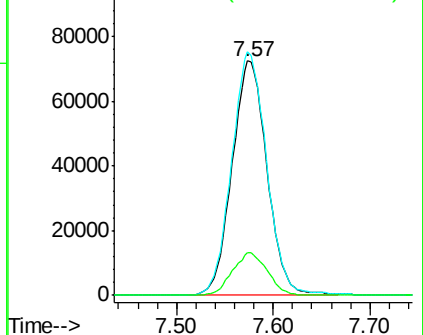
#35
 Dibromofluoromethane
 Concen: 52.002 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058507.D
 Acq: 3 Oct 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4DL

Tgt Ion: 113 Resp: 182266
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.2
 192 18.1 14.9 22.3

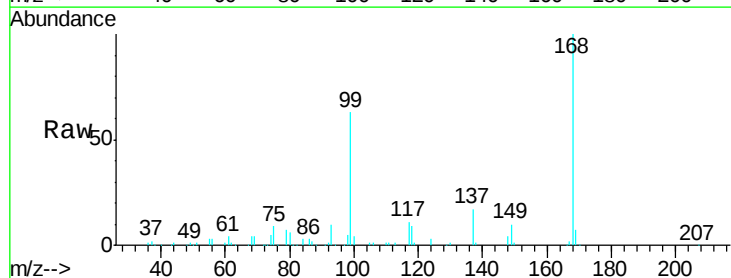


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

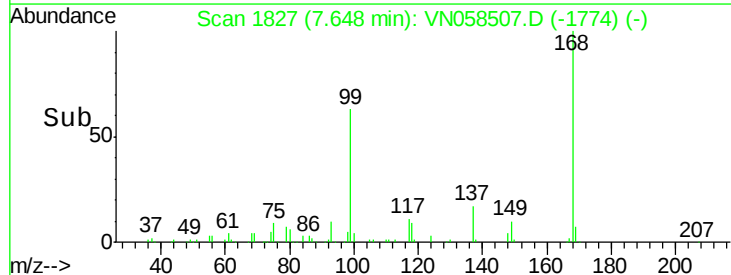
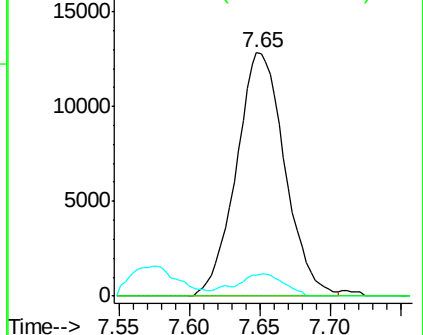


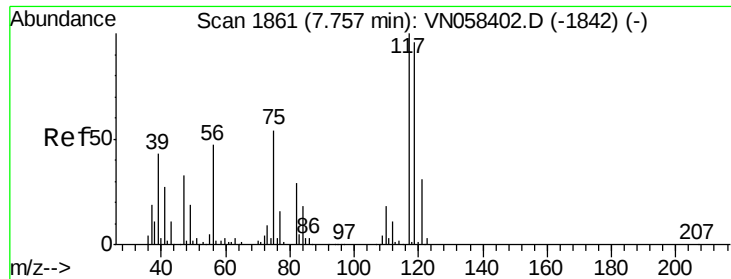
#36
 1,1-Dichloropropene
 Concen: 5.641 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058507.D
 Acq: 3 Oct 2019 14:15

Tgt Ion: 75 Resp: 30845
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.4 49.2#
 77 0.0 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

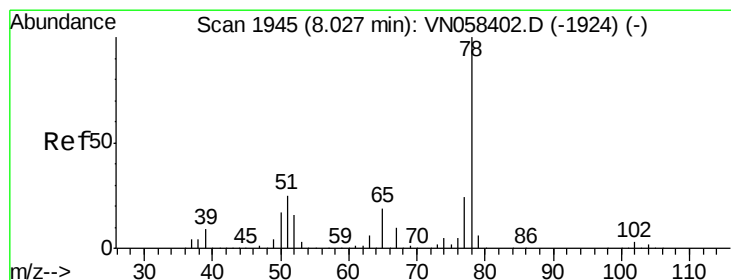
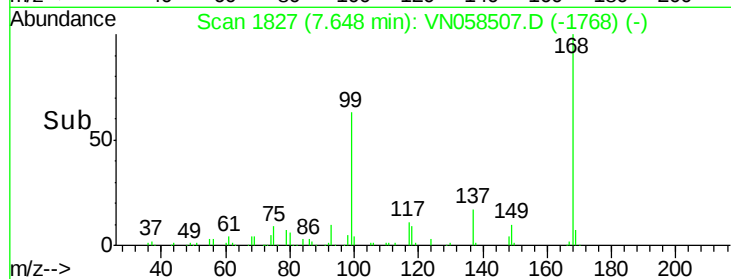
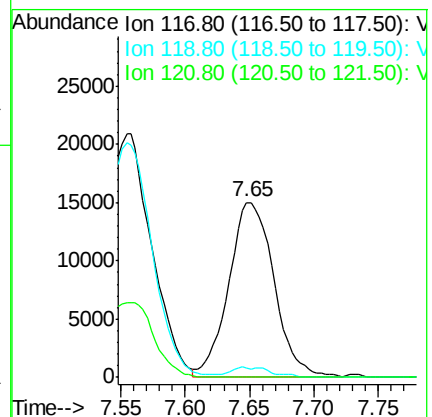
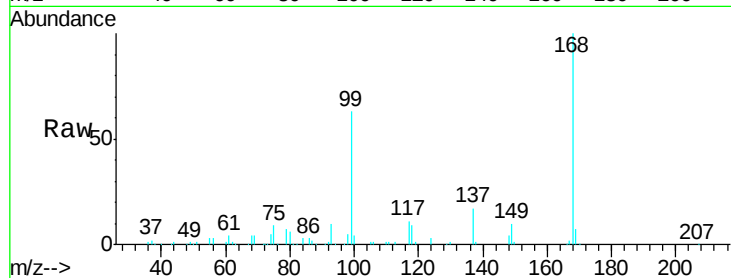




#38
Carbon Tetrachloride
Concen: 7.448 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

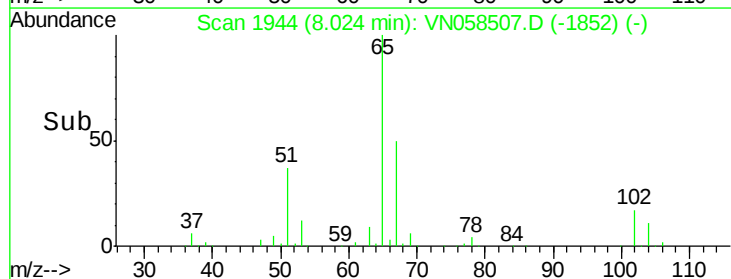
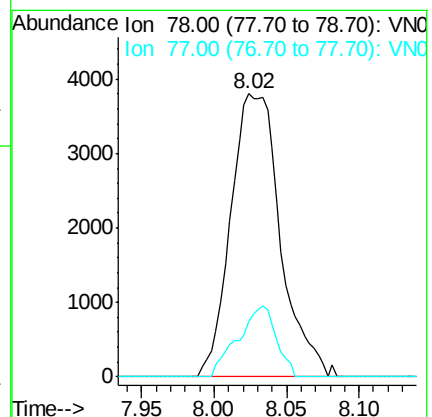
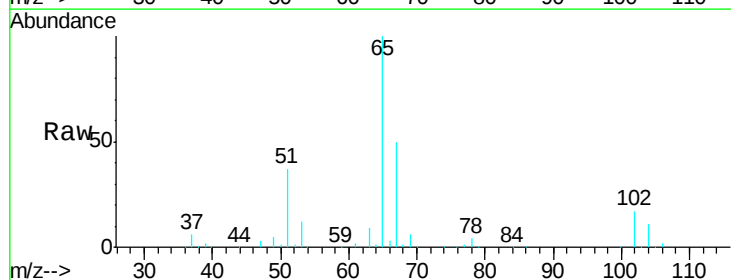
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4DL

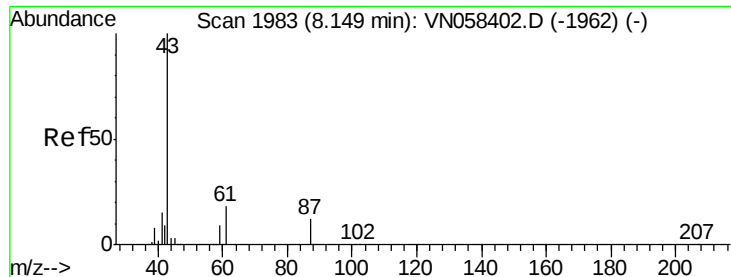
Tgt Ion:117 Resp: 36765
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 0.575 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

Tgt Ion: 78 Resp: 9039
Ion Ratio Lower Upper
78 100
77 19.6 18.9 28.3





#43

Isopropyl Acetate

Concen: 0.381 ug/l

RT: 8.23 min Scan# 2009

Delta R.T. 0.08 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4DL

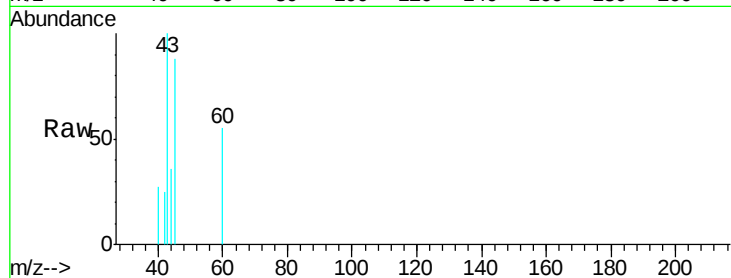
Tgt Ion: 43 Resp: 3324

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

87 0.0 9.7 14.5#

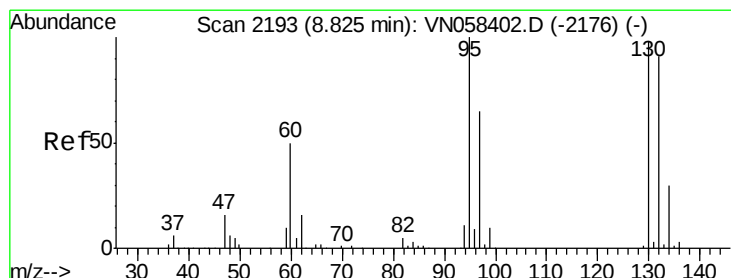
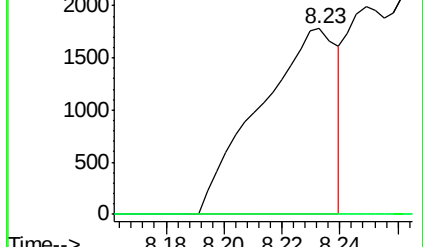
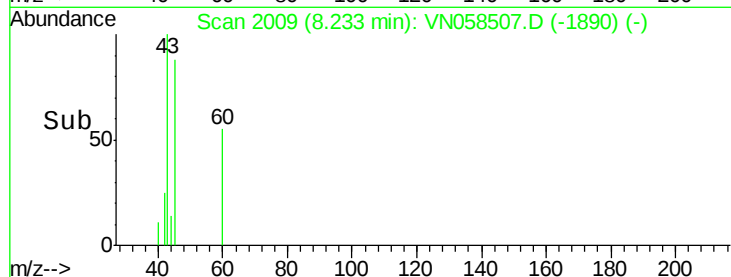


Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)

Time-->



#44

Trichloroethene

Concen: 5.415 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058507.D

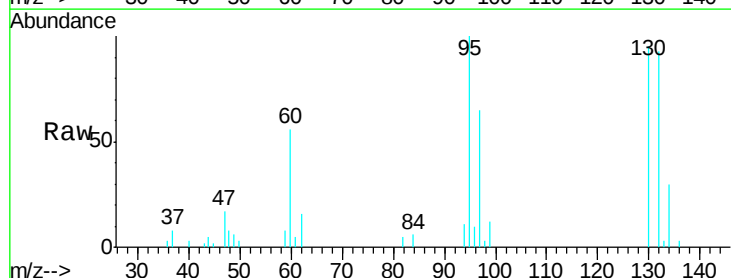
Acq: 3 Oct 2019 14:15

Tgt Ion: 130 Resp: 21018

Ion Ratio Lower Upper

130 100

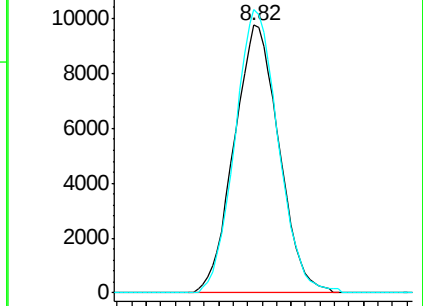
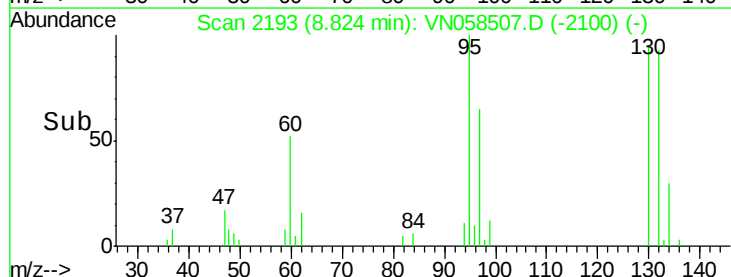
95 105.7 0.0 204.2

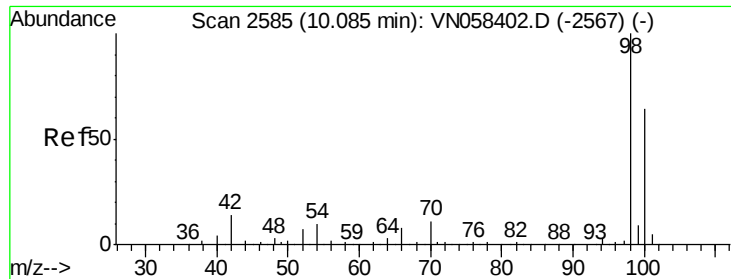


Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)

Time-->





#50

Toluene-d8

Concen: 51.670 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

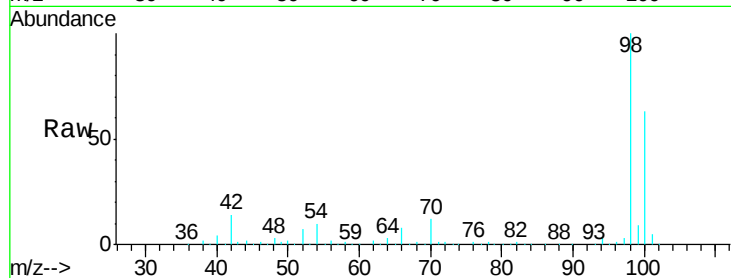
COMPOSITE-4DL

Tgt Ion: 98 Resp: 709464

Ion Ratio Lower Upper

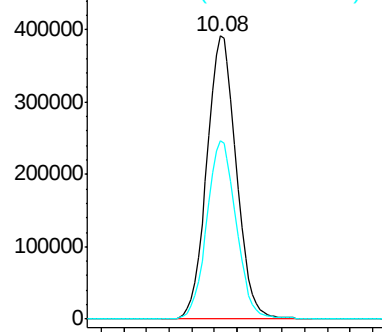
98 100

100 63.1 51.0 76.6

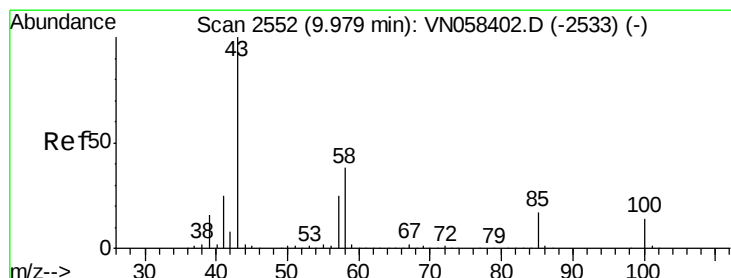
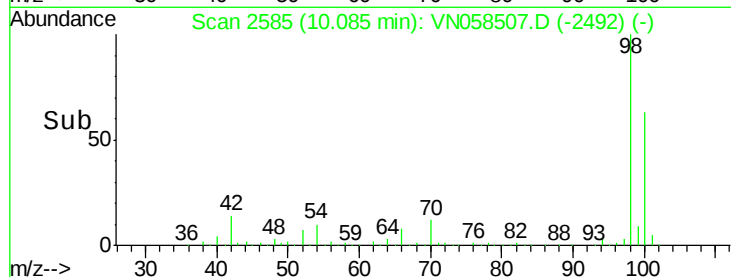


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.379 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN058507.D

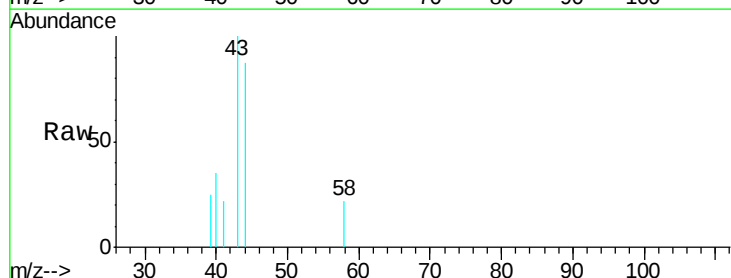
Acq: 3 Oct 2019 14:15

Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

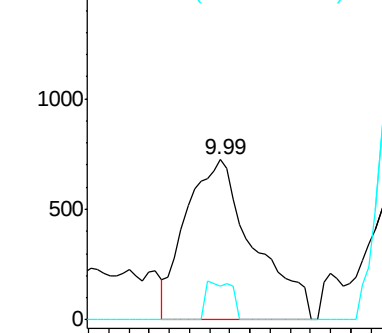
43 100

58 0.0 30.2 45.2#

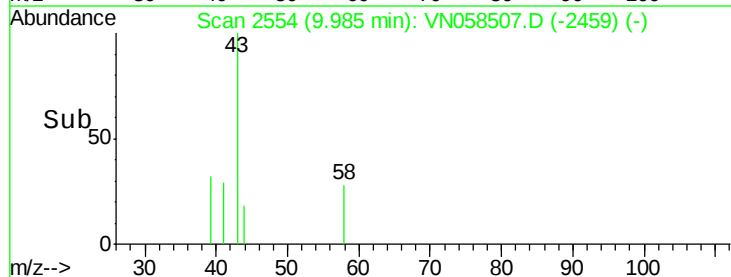


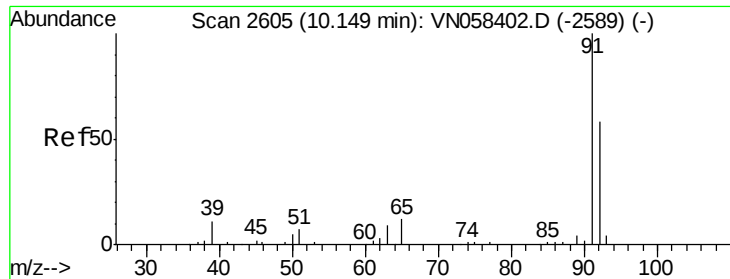
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#52

Toluene

Concen: 1.538 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

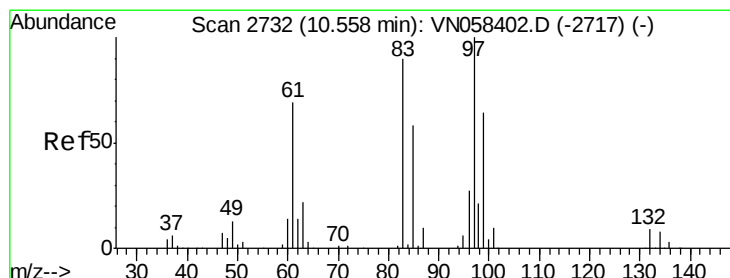
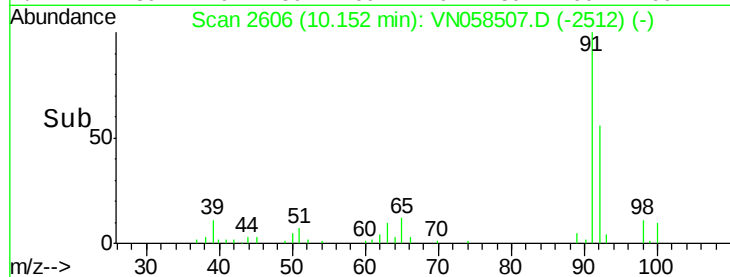
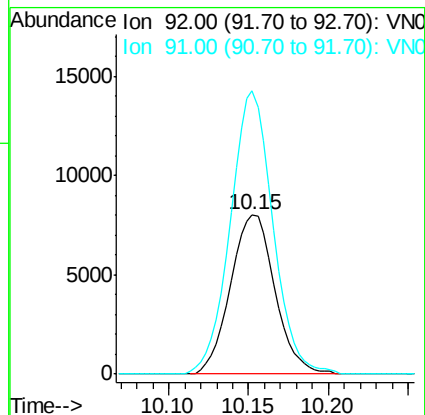
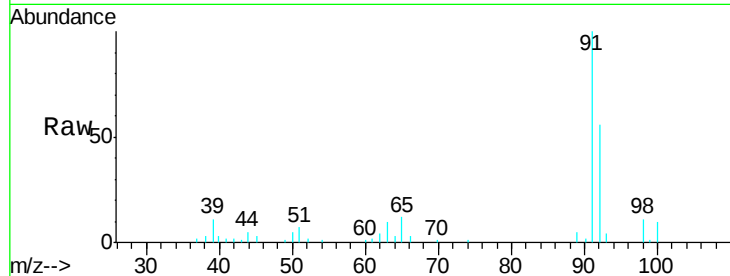
COMPOSITE-4DL

Tgt Ion: 92 Resp: 15220

Ion Ratio Lower Upper

92 100

91 170.3 140.2 210.4



#55

1,1,2-Trichloroethane

Concen: 0.346 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Tgt Ion: 97 Resp: 1247

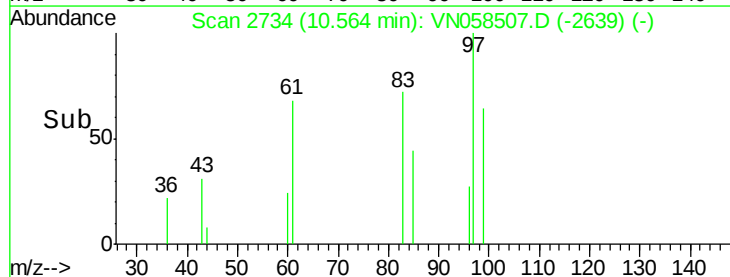
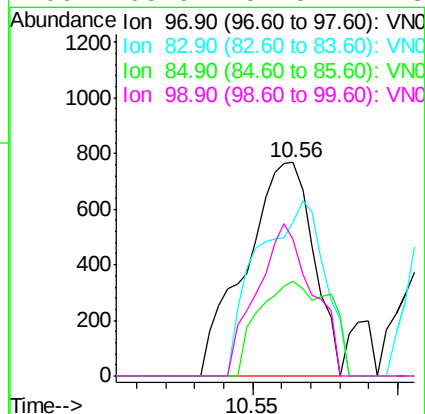
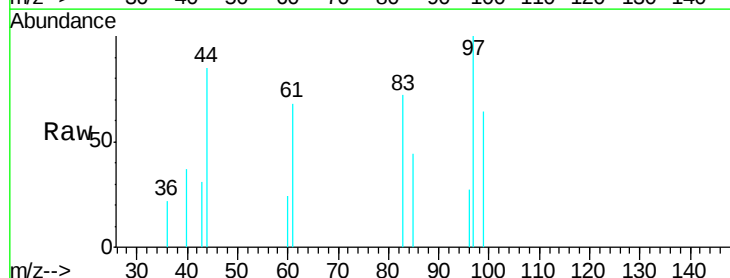
Ion Ratio Lower Upper

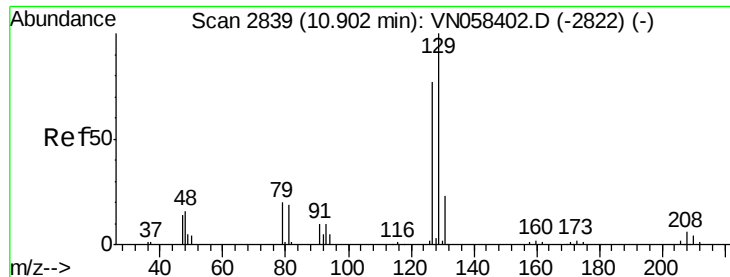
97 100

83 72.0 71.8 107.6

85 44.3 46.6 69.8#

99 63.9 51.5 77.3





#60

Dibromochloromethane

Concen: 66.490 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

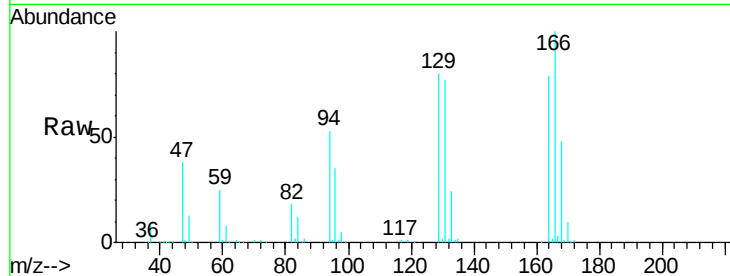
COMPOSITE-4DL

Tgt Ion: 129 Resp: 247361

Ion Ratio Lower Upper

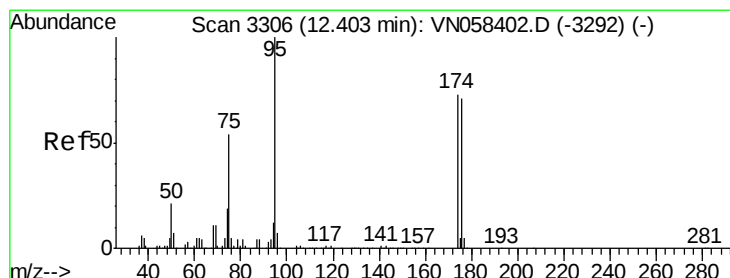
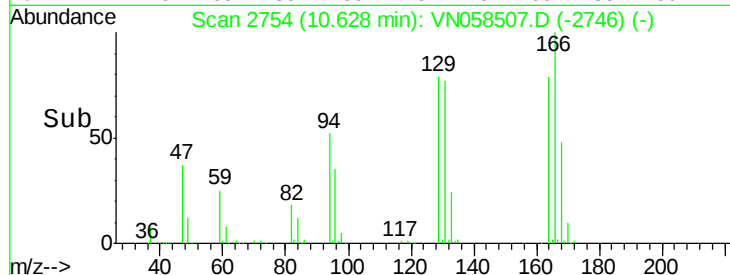
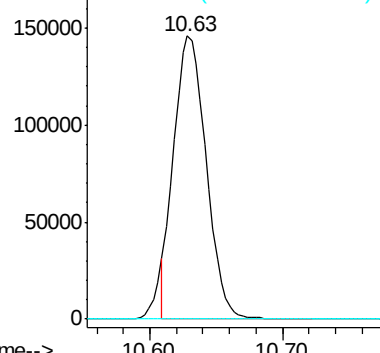
129 100

127 0.1 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 43.785 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

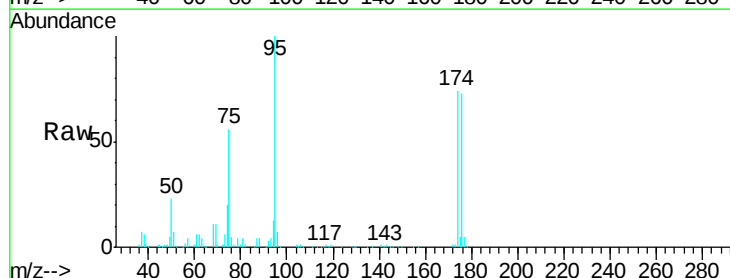
Tgt Ion: 95 Resp: 217379

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.6

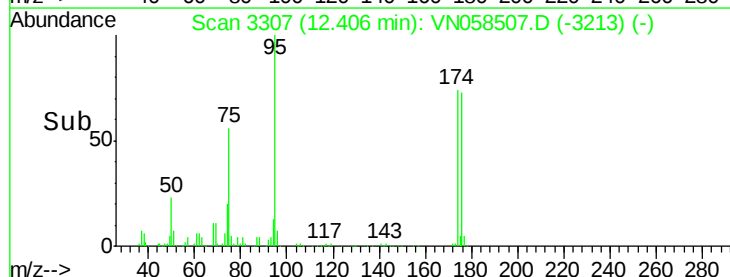
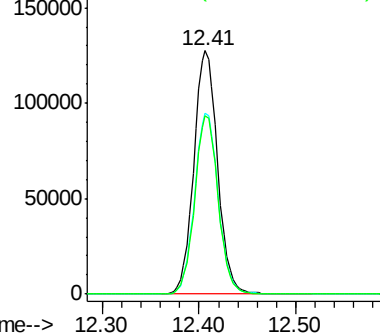
176 72.5 0.0 146.2

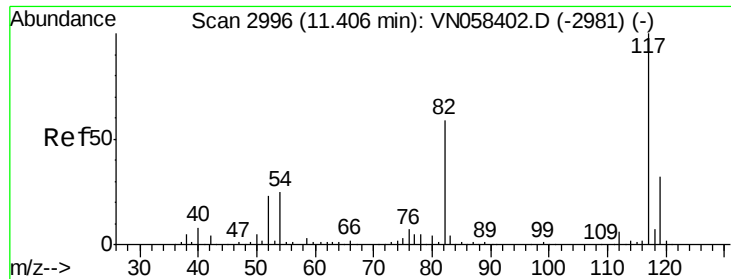


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

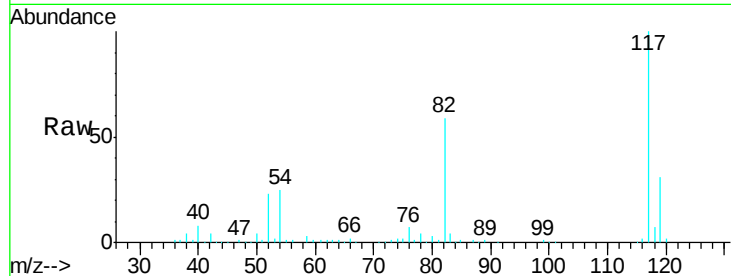




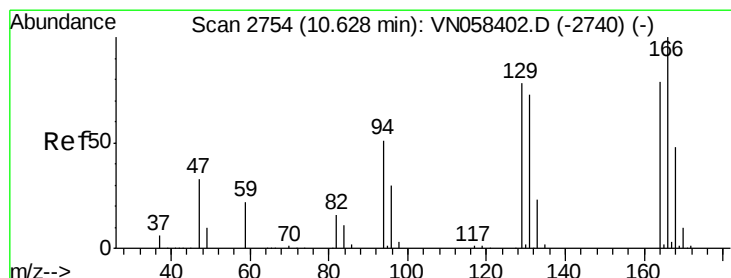
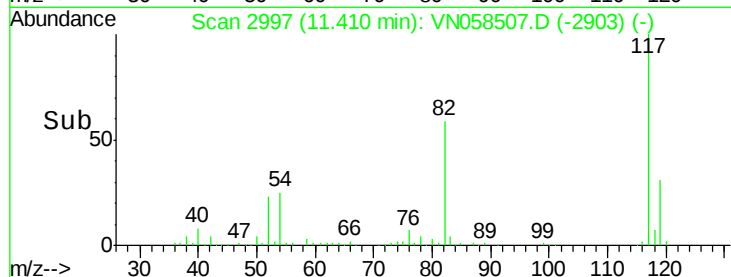
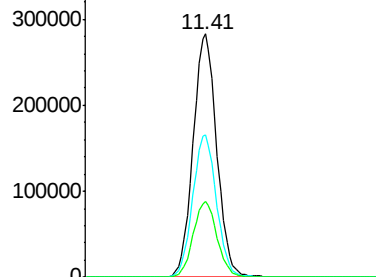
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4DL

Tgt Ion:117 Resp: 491611
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.0 25.5 38.3



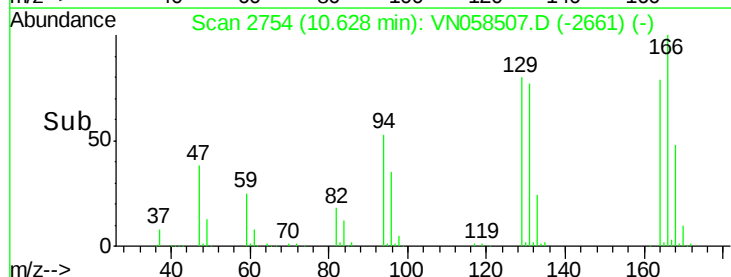
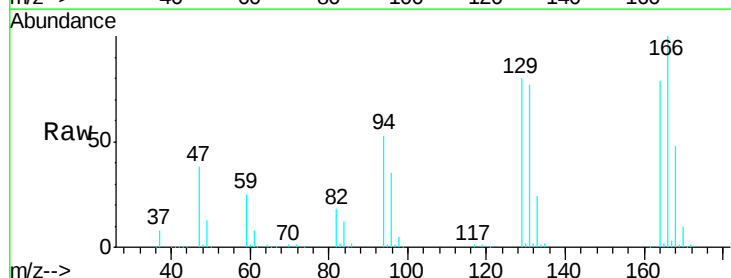
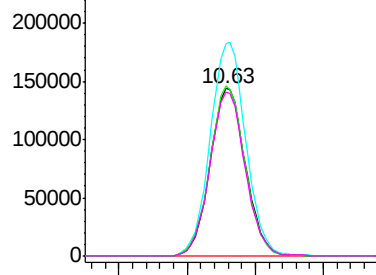
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

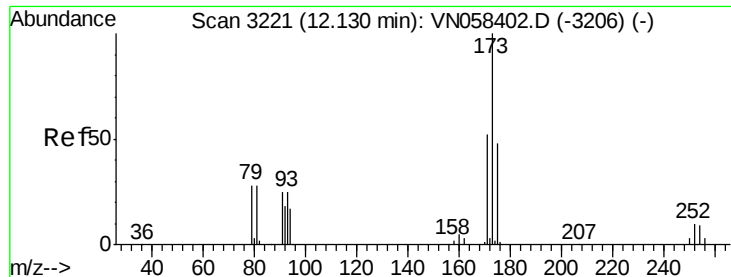


#64
Tetrachloroethene
Concen: 83.037 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058507.D
Acq: 3 Oct 2019 14:15

Tgt Ion:164 Resp: 259355
Ion Ratio Lower Upper
164 100
166 126.9 101.1 151.7
129 101.6 79.2 118.8
131 98.1 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





#71

Bromoform

Concen: 1.022 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4DL

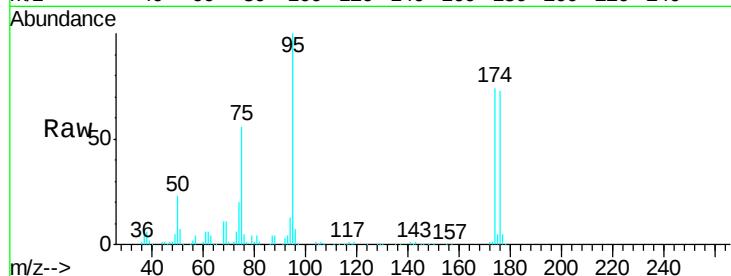
Tgt Ion:173 Resp: 755

Ion Ratio Lower Upper

173 100

175 1290.3 24.3 73.0#

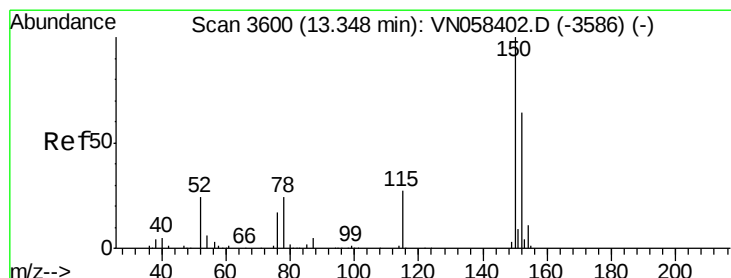
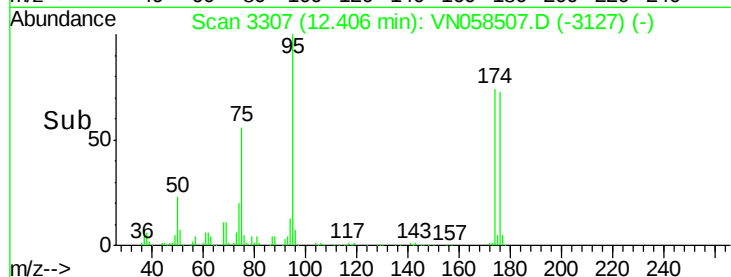
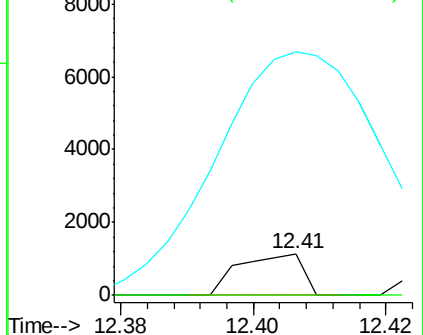
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

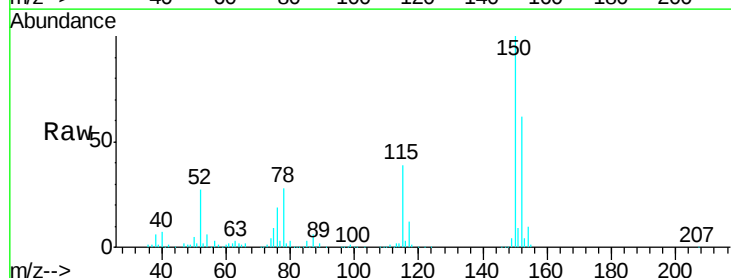
Tgt Ion:152 Resp: 179526

Ion Ratio Lower Upper

152 100

115 63.0 30.0 90.0

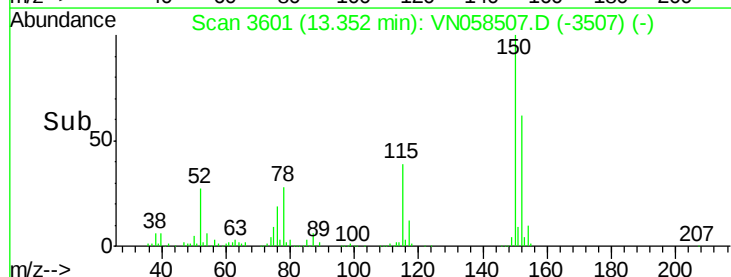
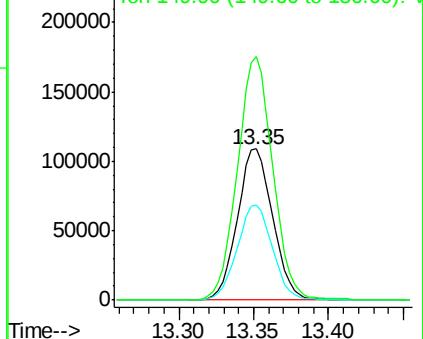
150 161.1 0.0 348.2

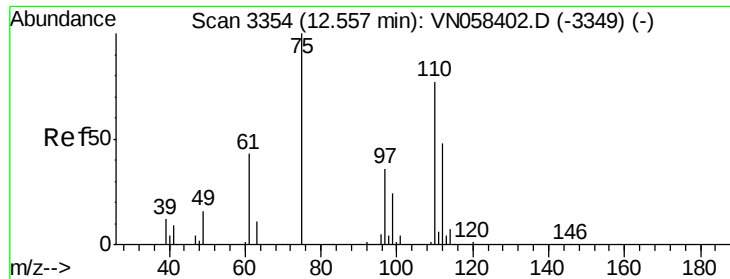


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.548 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

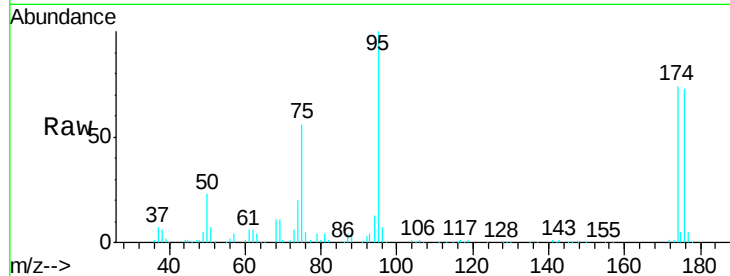
COMPOSITE-4DL

Tgt Ion: 75 Resp: 119843

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

80000

60000

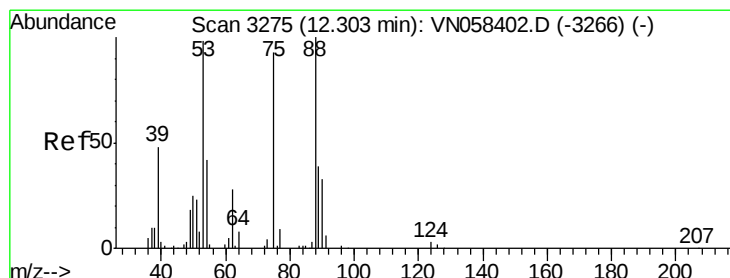
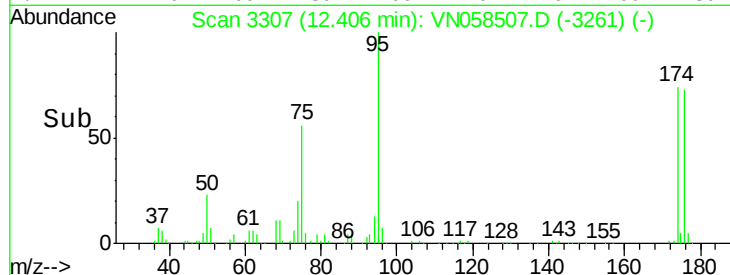
40000

20000

0

12.40 12.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.001 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

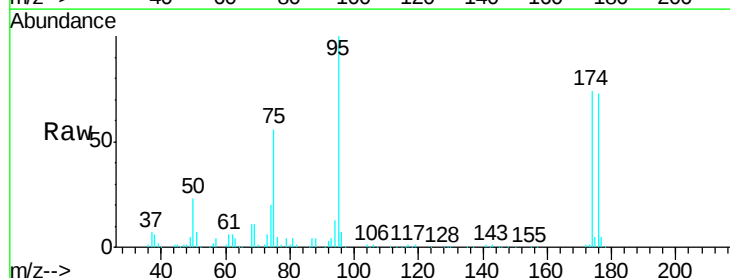
Tgt Ion: 75 Resp: 119843

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.41

100000

80000

60000

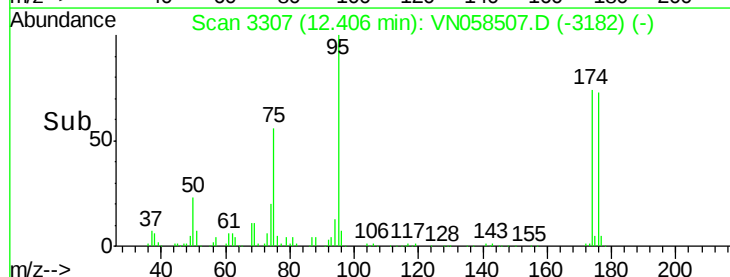
40000

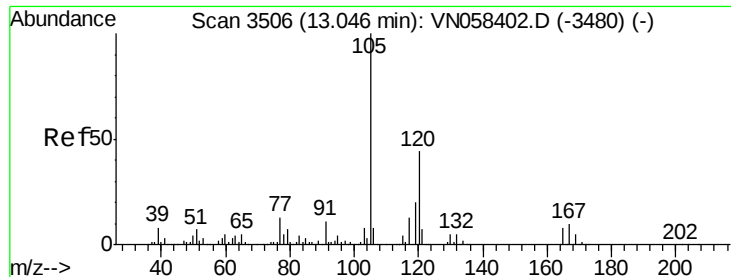
20000

0

12.40 12.50

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.279 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

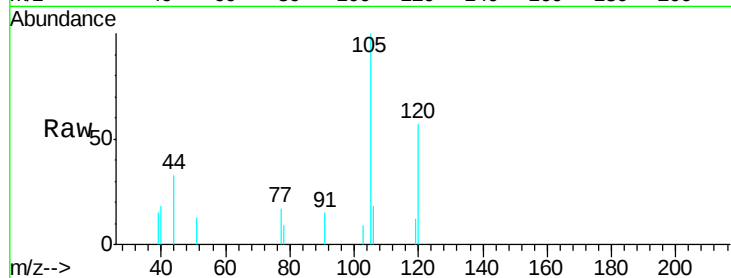
COMPOSITE-4DL

Tgt Ion:105 Resp: 3103

Ion Ratio Lower Upper

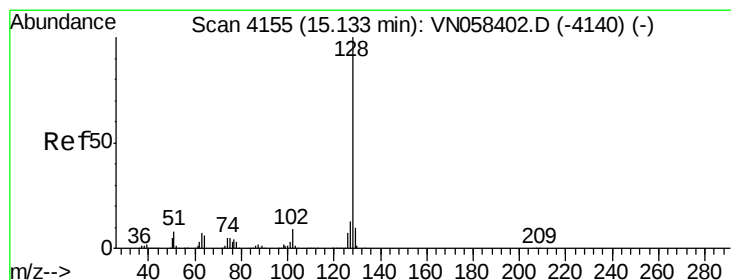
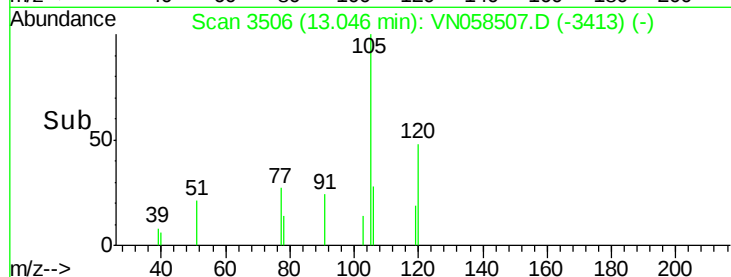
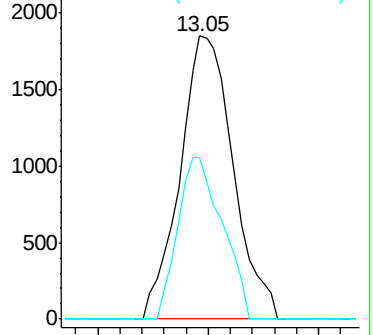
105 100

120 47.8 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.335 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058507.D

Acq: 3 Oct 2019 14:15

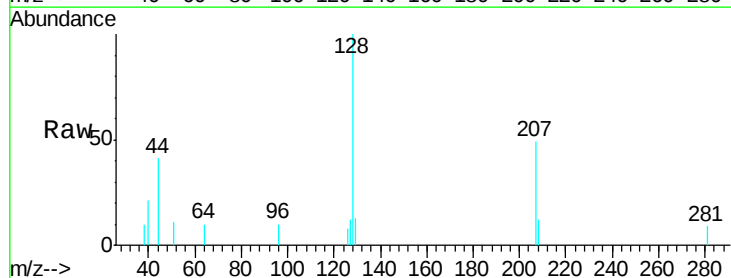
Tgt Ion:128 Resp: 3195

Ion Ratio Lower Upper

128 100

127 4.9 10.2 15.4#

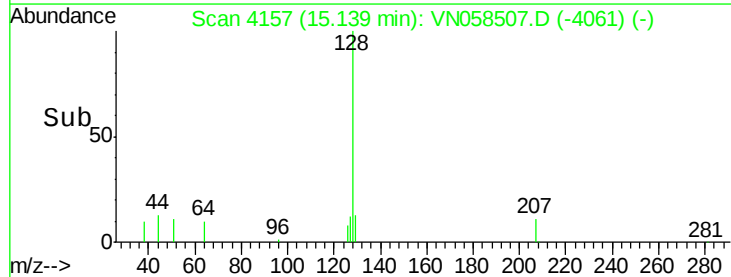
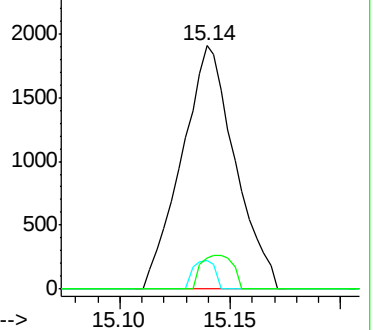
129 8.4 8.3 12.5

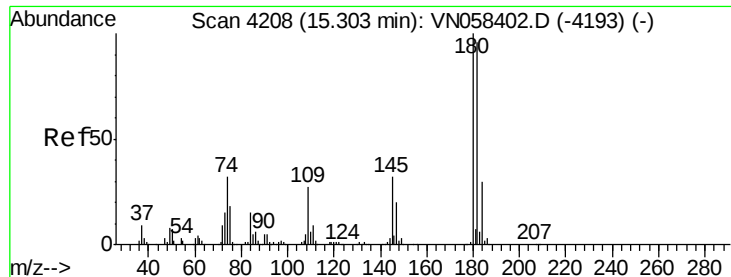


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.01 min
 Lab File: VN058507.D
 Acq: 3 Oct 2019 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4DL

Tgt Ion:180 Resp: 923
 Ion Ratio Lower Upper
 180 100
 182 70.3 48.3 144.9
 145 10.8 16.1 48.3#

