

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049574.D
 Acq On : 27 Jun 2018 16:05
 Operator : MD\SY
 Sample : J3667-02RE 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 27 17:24:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	1130412	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	8.64	114	1838946	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.42	117	1415189	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.35	152	538579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.11	65	770501	51.39	ug/l	0.08
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.68	113	401446	26.98	ug/l	0.09
Spiked Amount			Recovery	=	53.96%	
50) Toluene-d8	10.12	98	2400001	42.37	ug/l	0.03
Spiked Amount			Recovery	=	84.74%	
62) 4-Bromofluorobenzene	12.41	95	657163	35.08	ug/l	0.00
Spiked Amount			Recovery	=	70.16%	

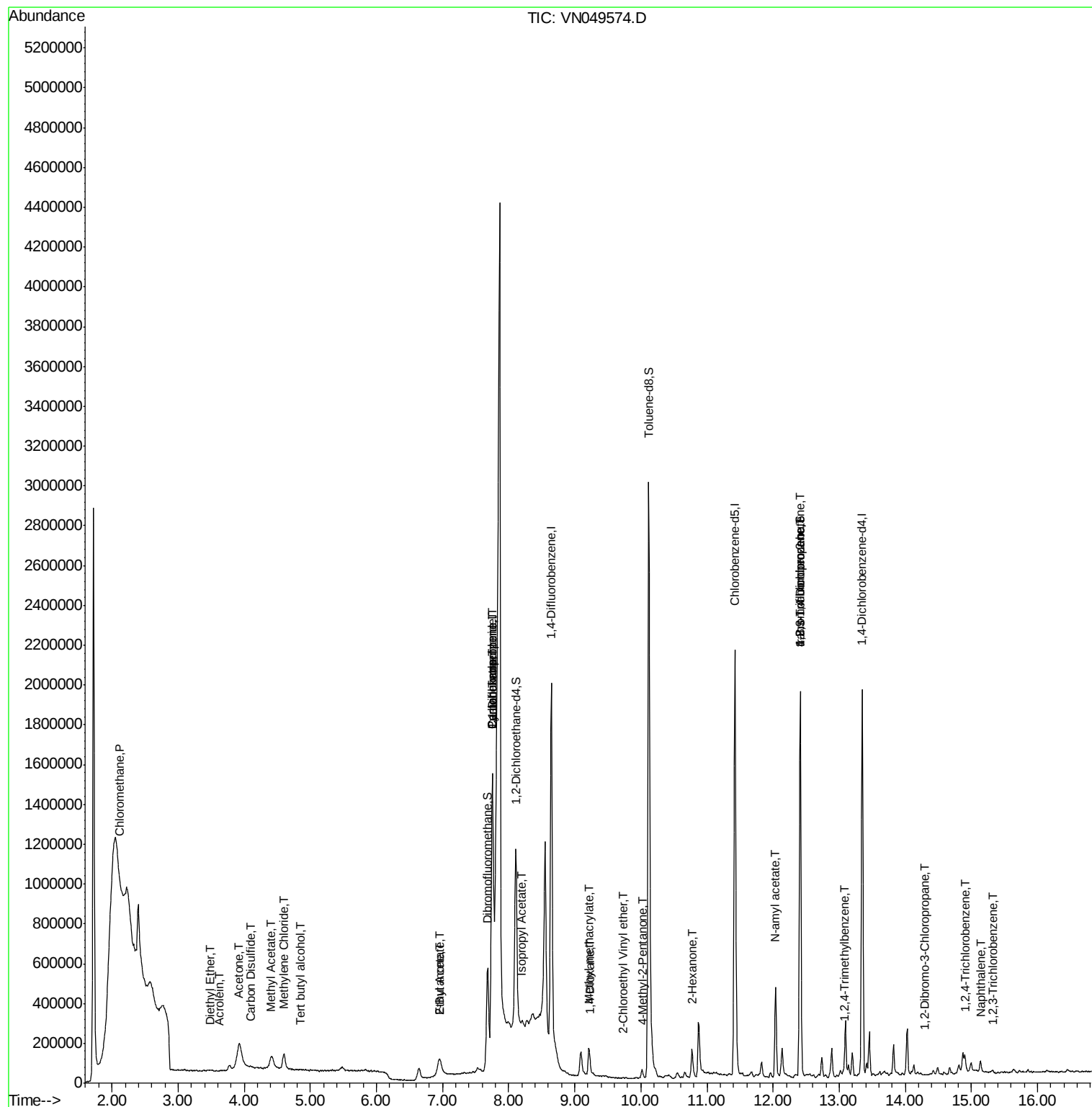
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	4274	0.25	ug/l	91
8) Diethyl Ether	3.49	74	2066	0.27	ug/l	58
11) Tert butyl alcohol	4.85	59	577	0.66	ug/l #	33
13) Acrolein	3.62	56	331	0.36	ug/l #	83
16) Acetone	3.92	43	516409	141.86	ug/l	97
17) Carbon Disulfide	4.10	76	11070	0.27	ug/l #	90
18) Methyl Acetate	4.42	43	170821	15.39	ug/l	95
20) Methylene Chloride	4.60	84	55837	3.67	ug/l	95
25) 2-Butanone	6.95	43	246646	50.46	ug/l	99
31) Cyclohexane	7.75	56	22770	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.75	75	79770	3.78	ug/l #	51
37) Ethyl Acetate	6.95	43	246646	21.53	ug/l #	70
38) Carbon Tetrachloride	7.75	117	101159	4.64	ug/l #	17
43) Isopropyl Acetate	8.20	43	8380	0.38	ug/l #	75
48) Methyl methacrylate	9.21	41	35497	3.44	ug/l #	46
49) 1,4-Dioxane	9.24	88	135	0.95	ug/l #	21
51) 4-Methyl-2-Pentanone	10.02	43	28003	2.44	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.74	63	75	14.34	ug/l #	51
59) 2-Hexanone	10.77	43	101983	13.79	ug/l	99
74) N-amyl acetate	12.04	43	274024	23.66	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.51	83	690	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.41	75	323574	35.21	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	323574	111.29	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.06	105	15564	0.42	ug/l #	45
90) Hexachloroethane	13.86	117	127	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	810	0.49	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4141	5.15	ug/l	95
94) Hexachlorobutadiene	15.01	225	763	Below	Cal #	43
95) Naphthalene	15.14	128	43195	4.95	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	3543	3.82	ug/l	84

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.08 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

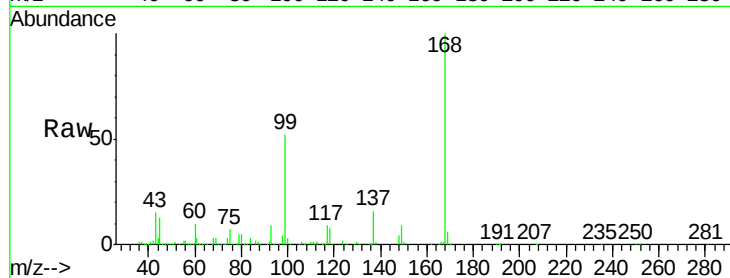
ClientSampleId :

Tot Ion:168 Resp: 1130412

Ion Ratio Lower Upper

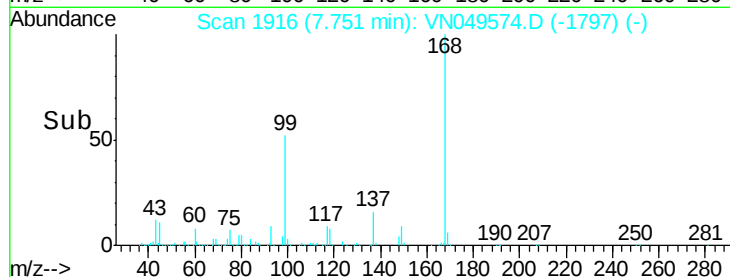
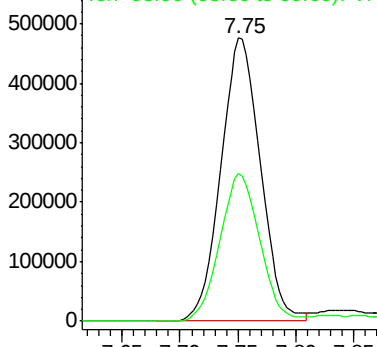
168 100

99 52.1 45.8 68.6

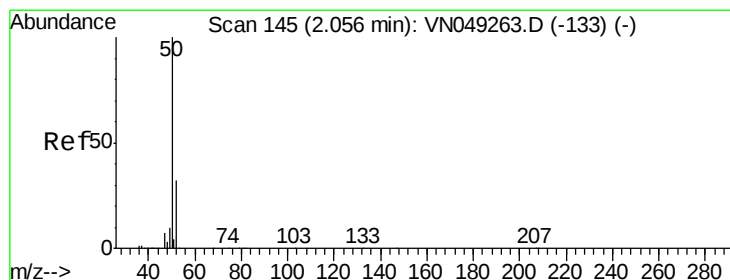


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.13 min Scan# 167

Delta R.T. 0.07 min

Lab File: VN049574.D

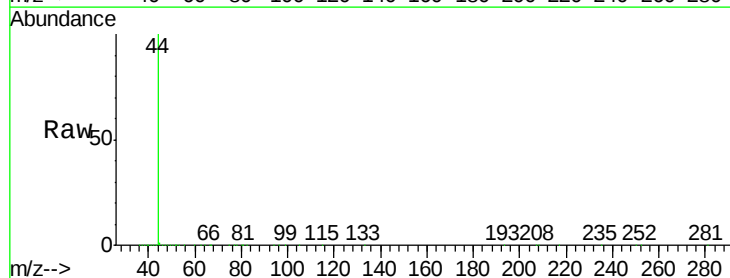
Acq: 27 Jun 2018 16:05

Tgt Ion: 50 Resp: 4274

Ion Ratio Lower Upper

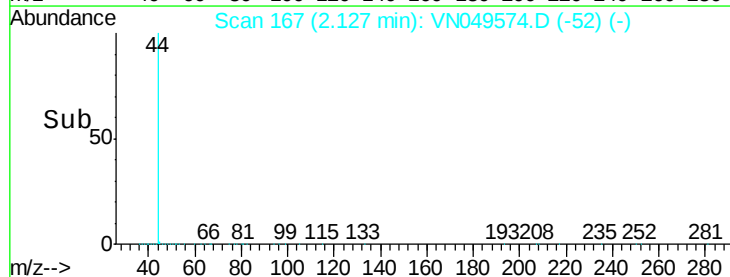
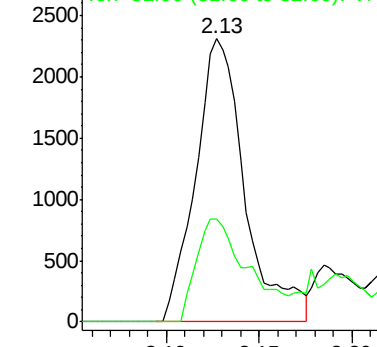
50 100

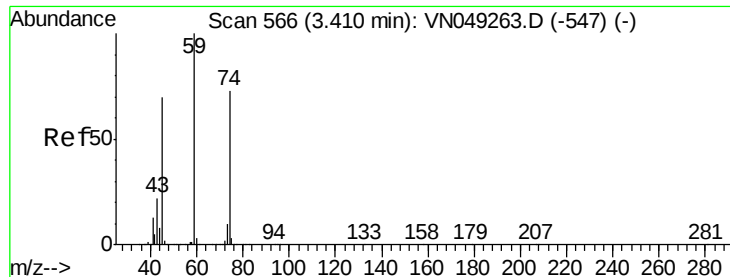
52 36.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#8

Diethyl Ether

Concen: 0.27 ug/l

RT: 3.49 min Scan# 590

Delta R.T. 0.08 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

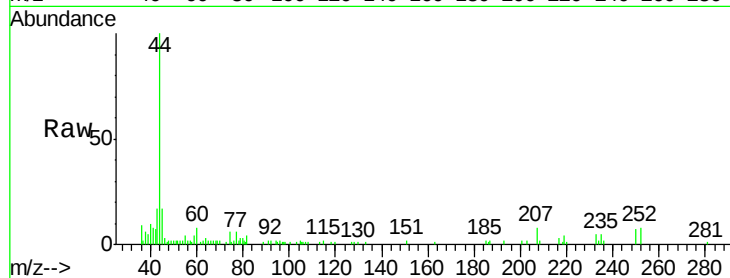
ClientSampled :

Tot Ion: 74 Resp: 2066

Ion Ratio Lower Upper

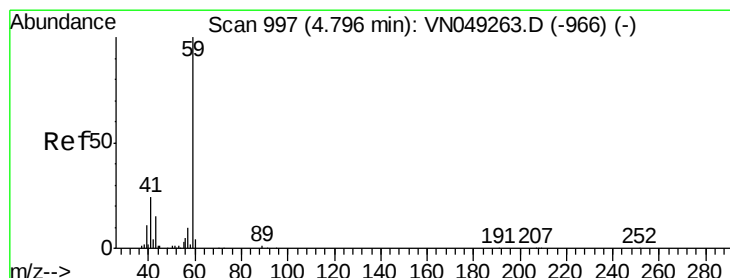
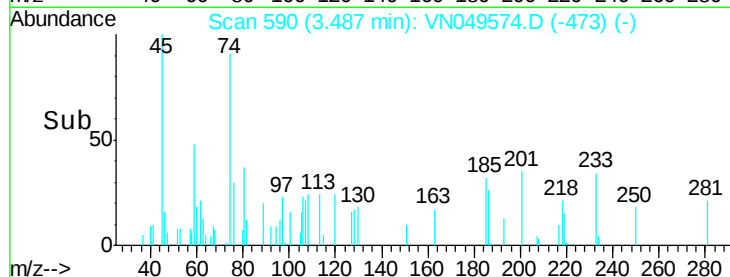
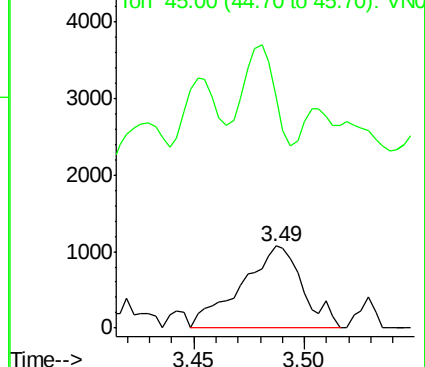
74 100

45 61.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 0.66 ug/l

RT: 4.85 min Scan# 1014

Delta R.T. 0.05 min

Lab File: VN049574.D

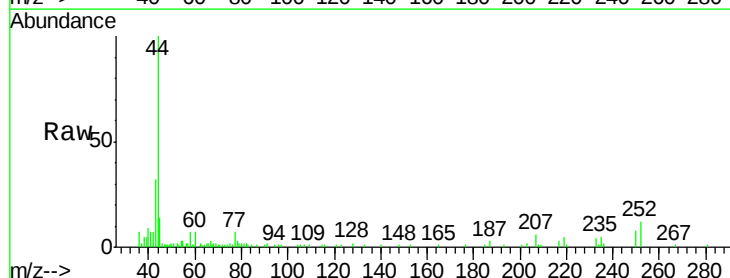
Acq: 27 Jun 2018 16:05

Tgt Ion: 59 Resp: 577

Ion Ratio Lower Upper

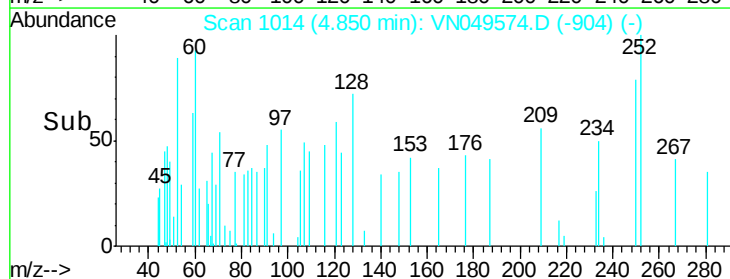
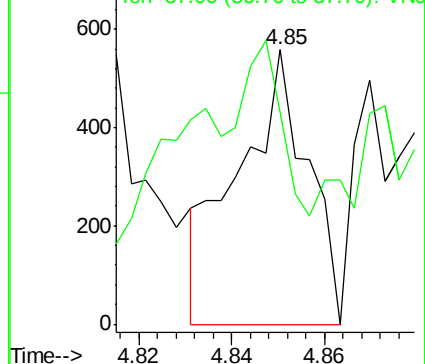
59 100

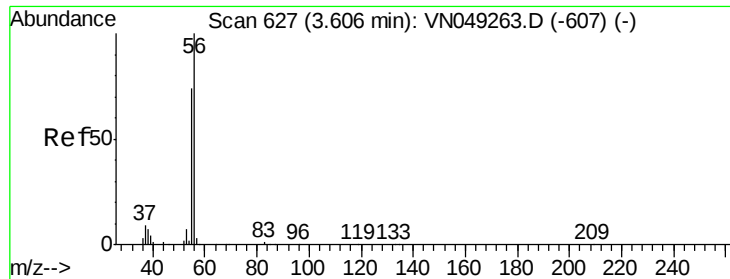
57 36.7 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.36 ug/l

RT: 3.62 min Scan# 632

Delta R.T. 0.02 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

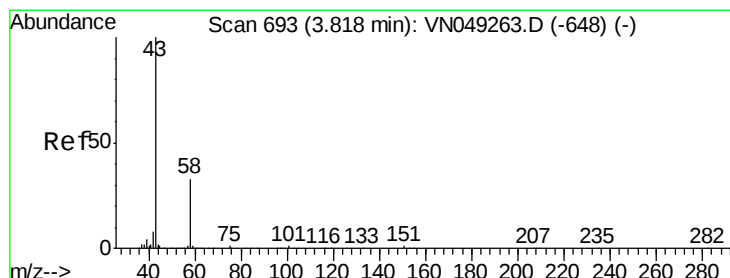
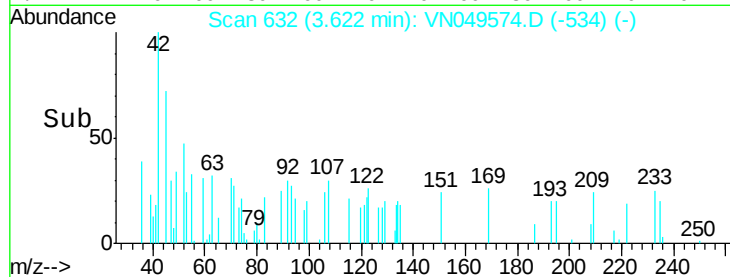
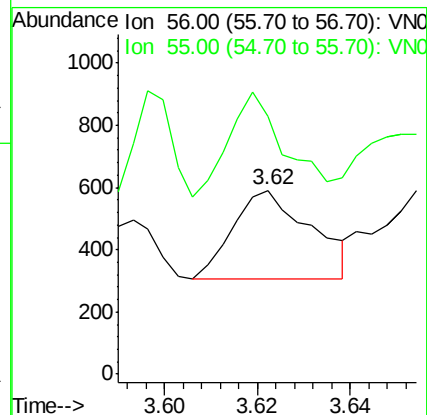
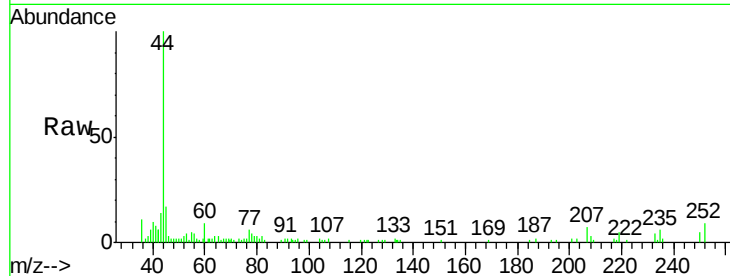
ClientSampled :

Tot Ion: 56 Resp: 331

Ion Ratio Lower Upper

56 100

55 85.8 57.1 85.7#



#16

Acetone

Concen: 141.86 ug/l

RT: 3.92 min Scan# 725

Delta R.T. 0.10 min

Lab File: VN049574.D

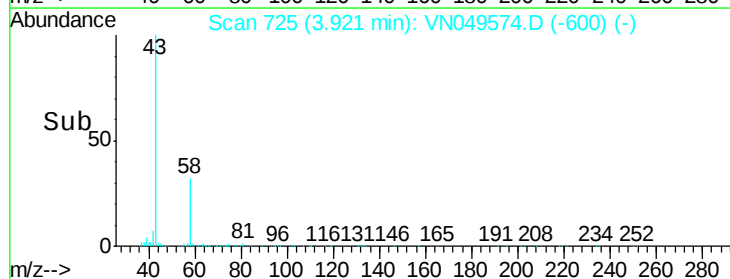
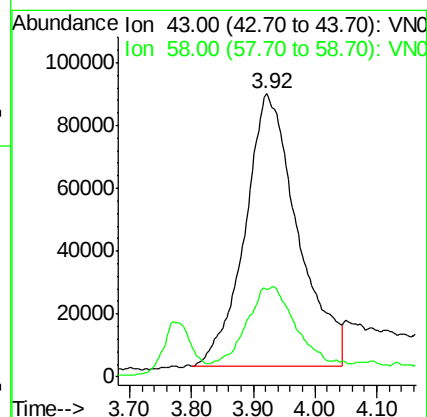
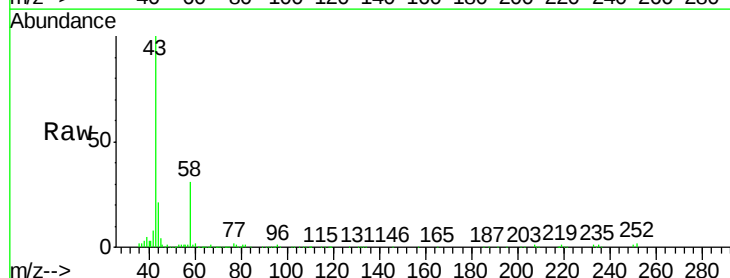
Acq: 27 Jun 2018 16:05

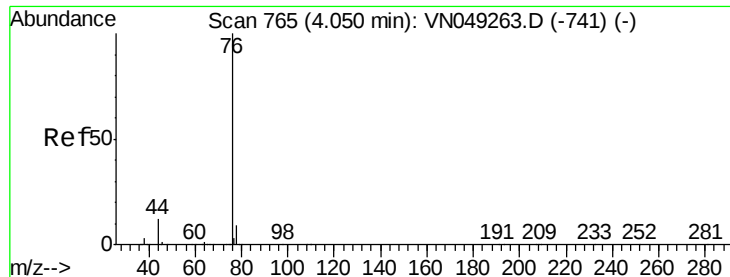
Tgt Ion: 43 Resp: 516409

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6





#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.10 min Scan# 781

Delta R.T. 0.05 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

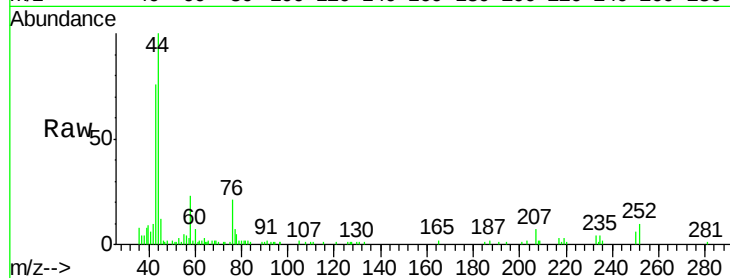
ClientSampleId :

Tot Ion: 76 Resp: 11070

Ion Ratio Lower Upper

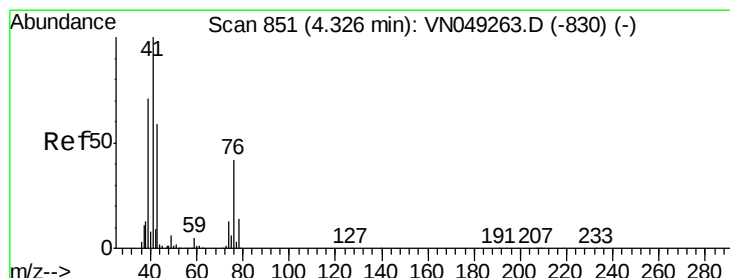
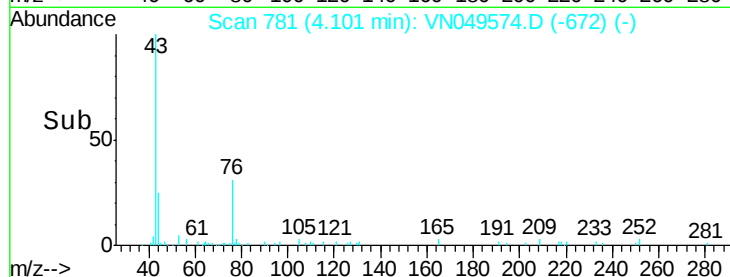
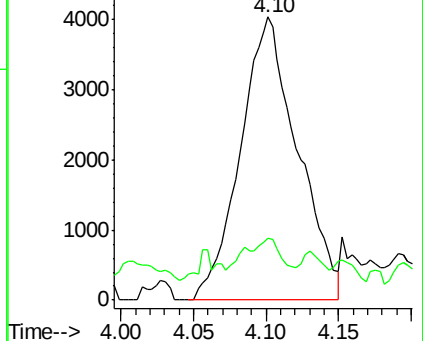
76 100

78 12.7 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 15.39 ug/l

RT: 4.42 min Scan# 879

Delta R.T. 0.09 min

Lab File: VN049574.D

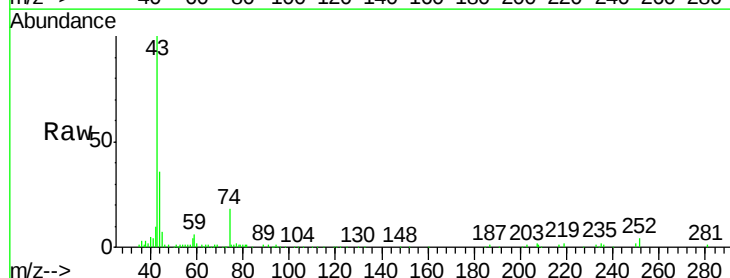
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 170821

Ion Ratio Lower Upper

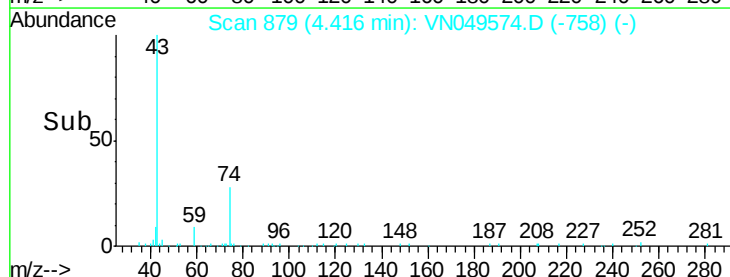
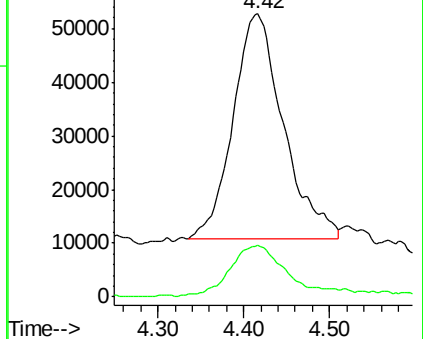
43 100

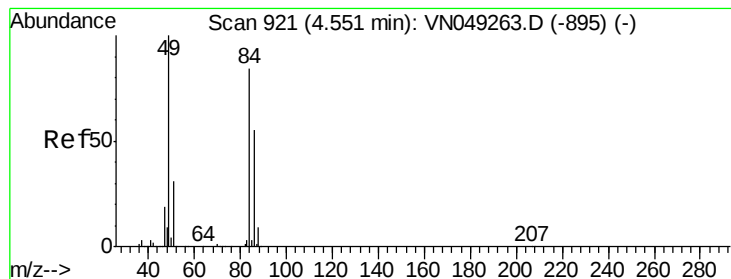
74 23.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 3.67 ug/l

RT: 4.60 min Scan# 937

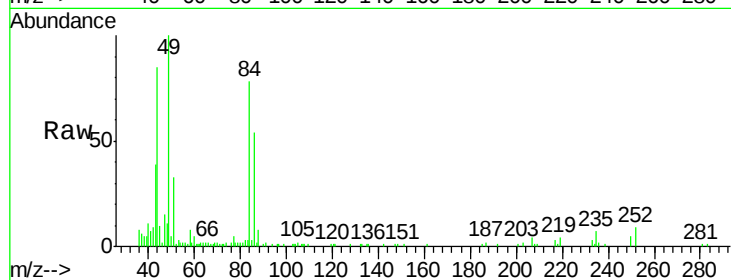
Delta R.T. 0.05 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	55837
Ion	Ratio	Lower	Upper
84	100		
49	127.4	106.9	160.3
51	41.0	32.7	49.1
86	69.6	49.8	74.8

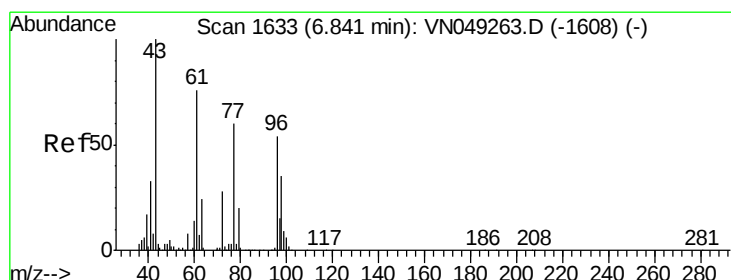
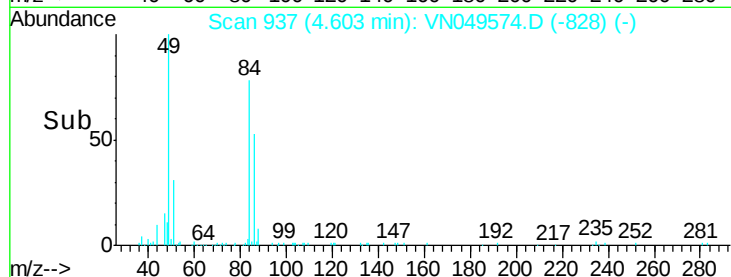
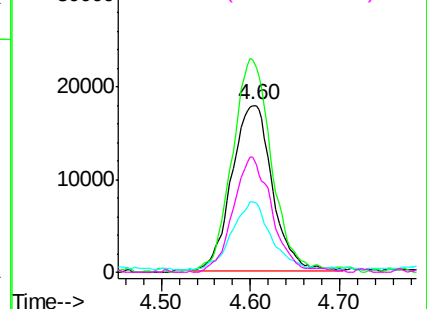


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 50.46 ug/l

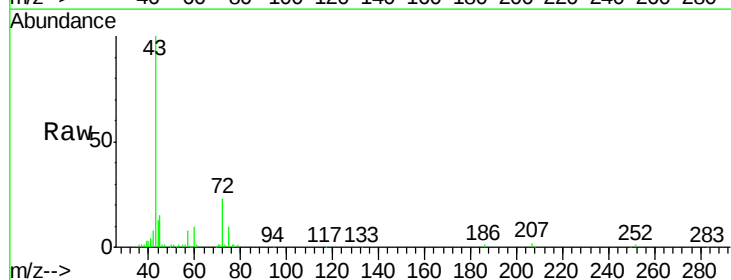
RT: 6.95 min Scan# 1667

Delta R.T. 0.11 min

Lab File: VN049574.D

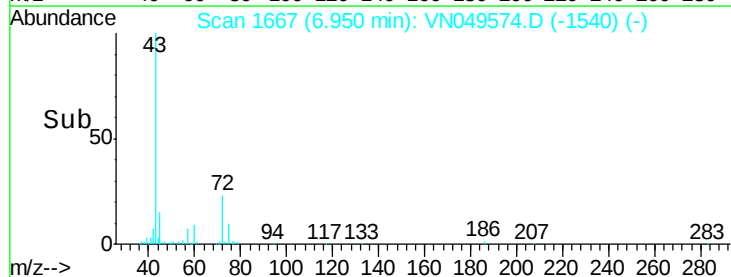
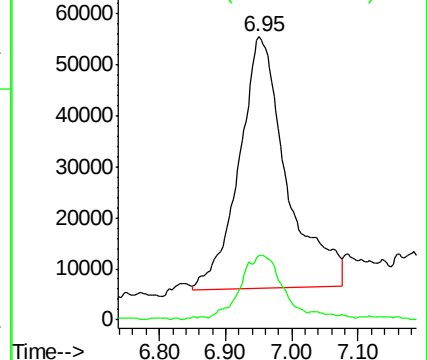
Acq: 27 Jun 2018 16:05

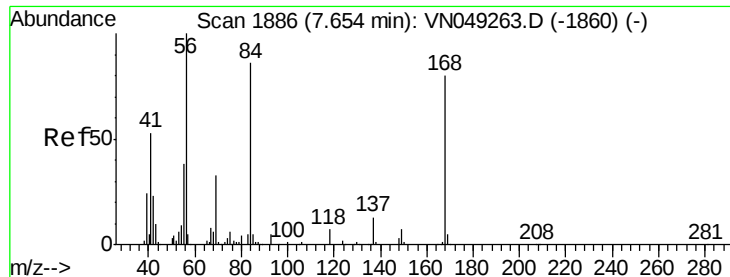
Tgt Ion:	43	Resp:	246646
Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.2	30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

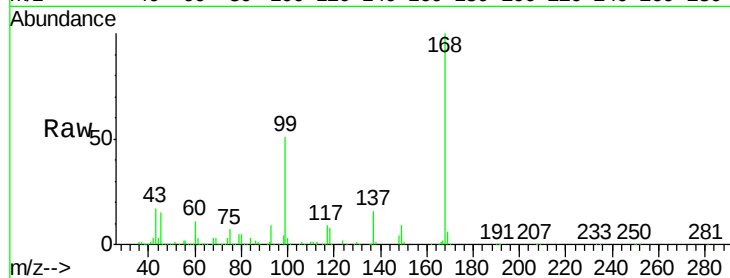




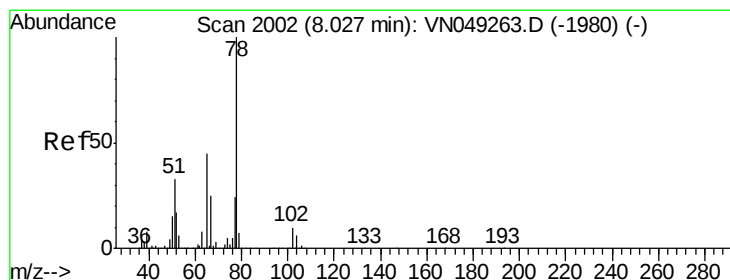
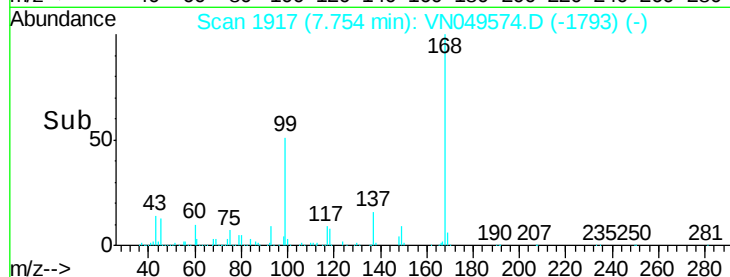
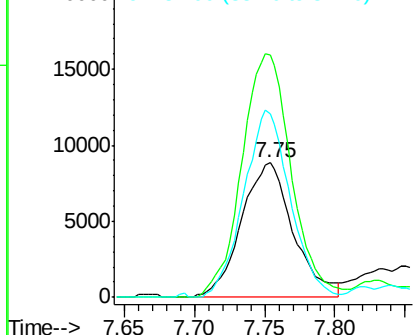
#31
Cvclohexane
Concen: 0.85 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. 0.10 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 22770
Ion Ratio Lower Upper
56 100
69 180.1 25.0 37.4#
84 134.0 64.6 96.8#

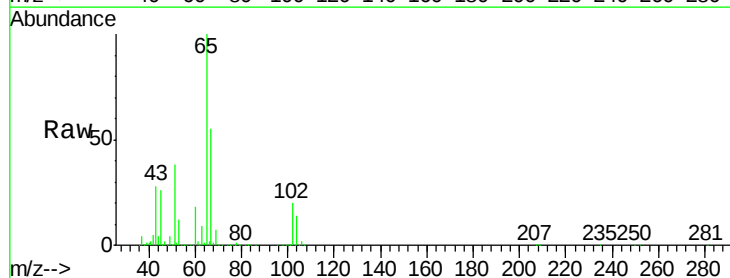


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

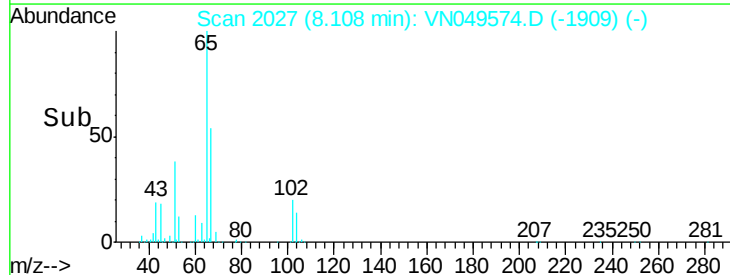
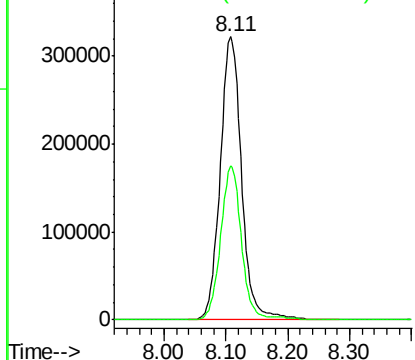


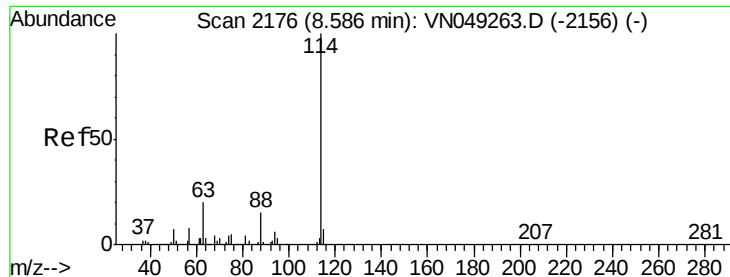
#33
1,2-Dichloroethane-d4
Concen: 51.39 ug/l
RT: 8.11 min Scan# 2027
Delta R.T. 0.08 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Tgt Ion: 65 Resp: 770501
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.64 min Scan# 2194

Delta R.T. 0.06 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampled :

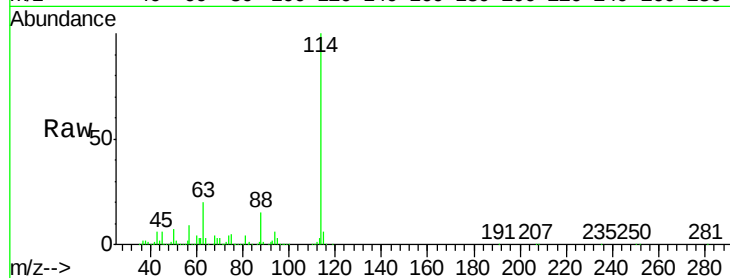
Tot Ion:114 Resp: 1838946

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

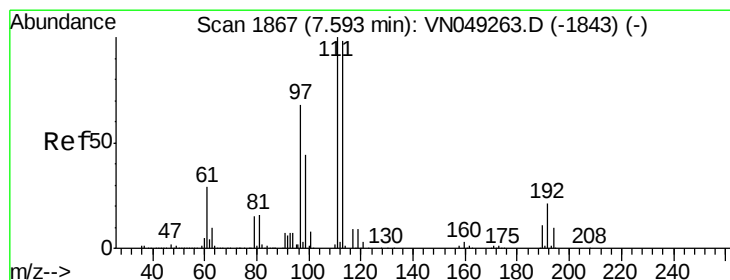
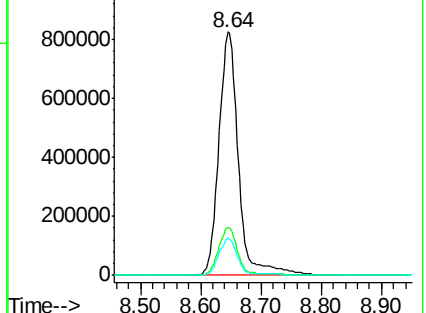
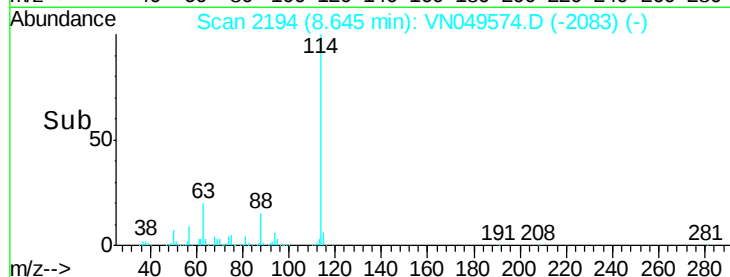
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 26.98 ug/l

RT: 7.68 min Scan# 1895

Delta R.T. 0.09 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

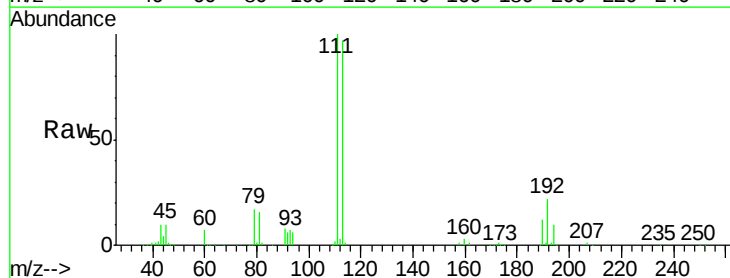
Tgt Ion:113 Resp: 401446

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

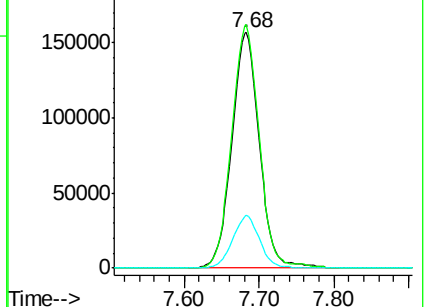
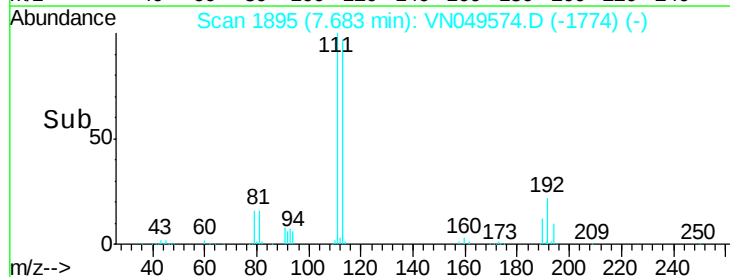
192 21.8 15.0 22.6

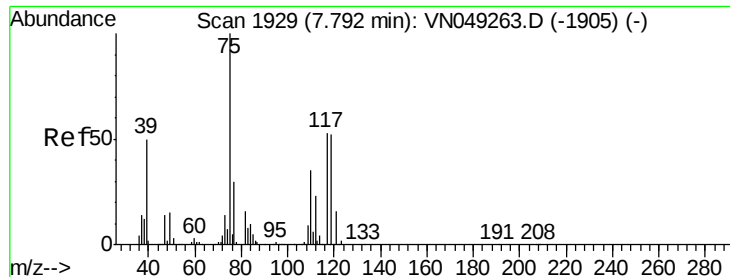


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.78 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.04 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

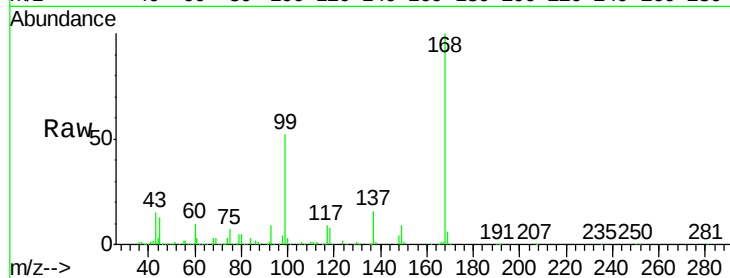
Tot Ion: 75 Resp: 79770

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.7 24.4 36.6#

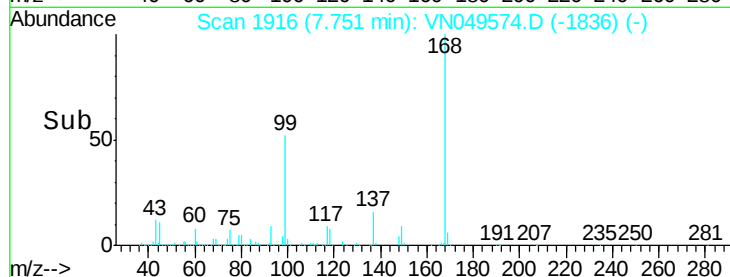


Abundance Ion 74.90 (74.60 to 75.60): VN049574.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049574.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049574.D (-1836) (-)

Time-->

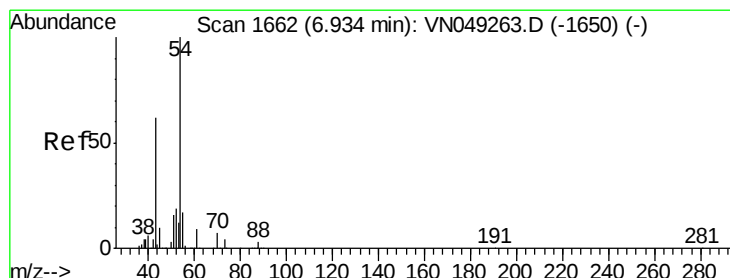


Abundance Ion 74.90 (74.60 to 75.60): VN049574.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049574.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049574.D (-1836) (-)

Time-->



#37

Ethyl Acetate

Concen: 21.53 ug/l

RT: 6.95 min Scan# 1667

Delta R.T. 0.02 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

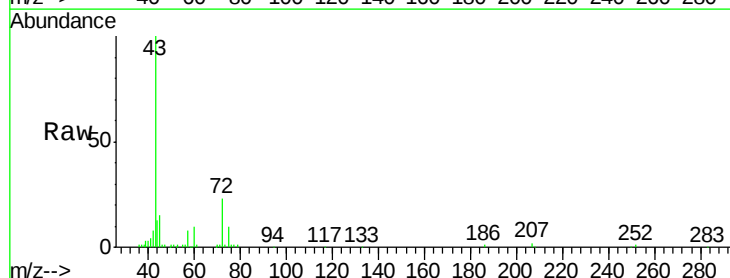
Tgt Ion: 43 Resp: 246646

Ion Ratio Lower Upper

43 100

61 0.1 11.0 16.4#

70 0.0 7.2 10.8#

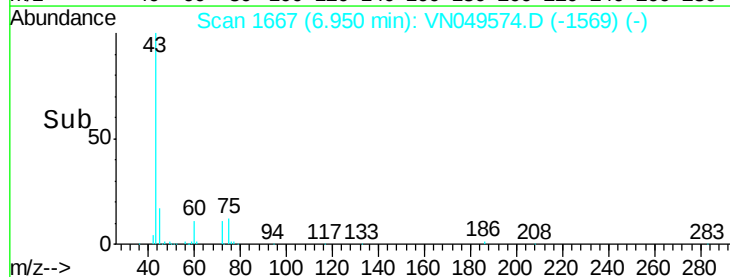


Abundance Ion 43.00 (42.70 to 43.70): VN049574.D (-1569) (-)

Ion 60.90 (60.60 to 61.60): VN049574.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049574.D (-1569) (-)

Time-->

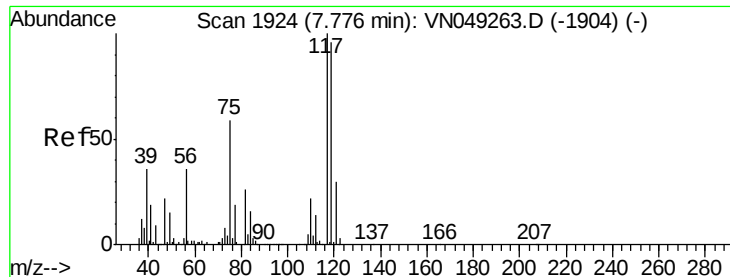


Abundance Ion 43.00 (42.70 to 43.70): VN049574.D (-1569) (-)

Ion 60.90 (60.60 to 61.60): VN049574.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049574.D (-1569) (-)

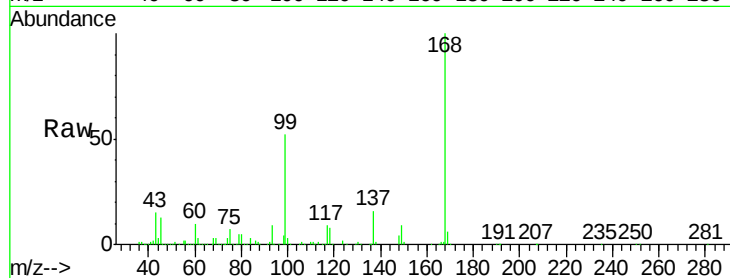
Time-->



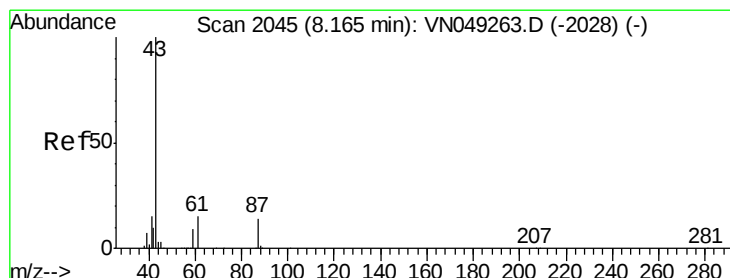
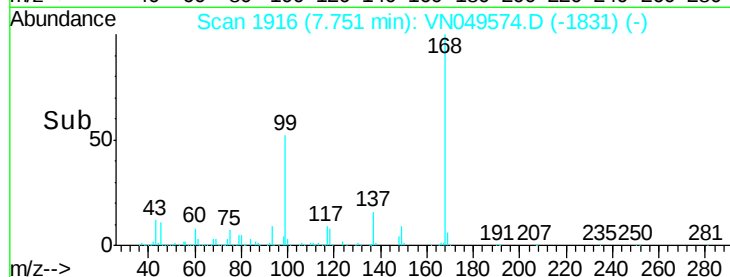
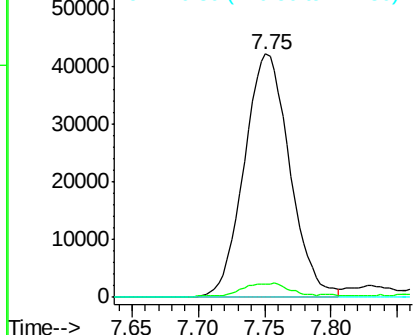
#38
Carbon Tetrachloride
Concen: 4.64 ug/l
RT: 7.75 min Scan# 1916
Delta R.T. -0.03 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 101159
Ion Ratio Lower Upper
117 100
119 5.2 75.6 113.4#
121 0.0 24.7 37.1#

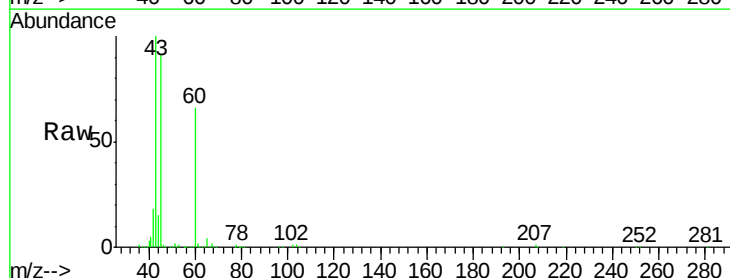


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

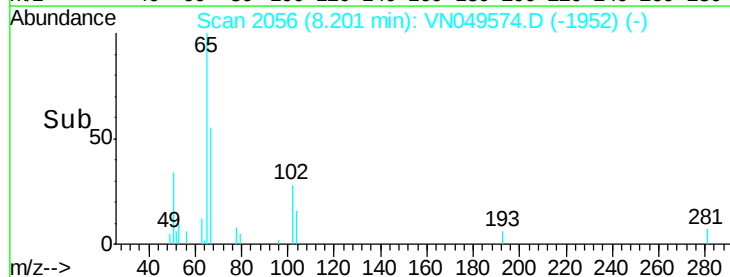
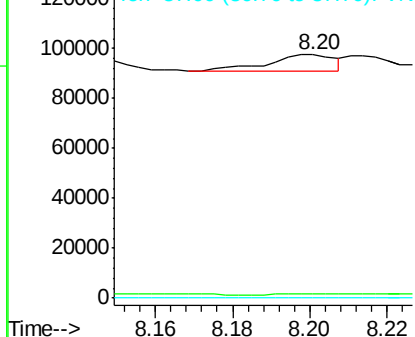


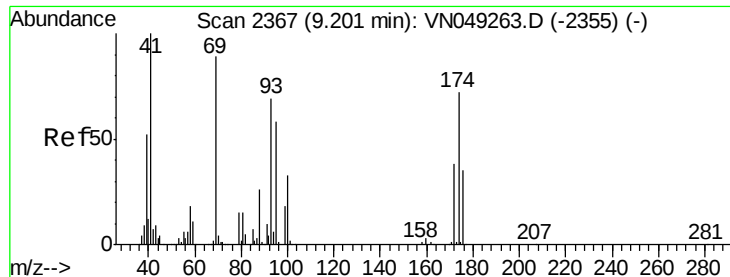
#43
Isopropyl Acetate
Concen: 0.38 ug/l
RT: 8.20 min Scan# 2056
Delta R.T. 0.04 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 8380
Ion Ratio Lower Upper
43 100
61 8.3 14.2 21.4#
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

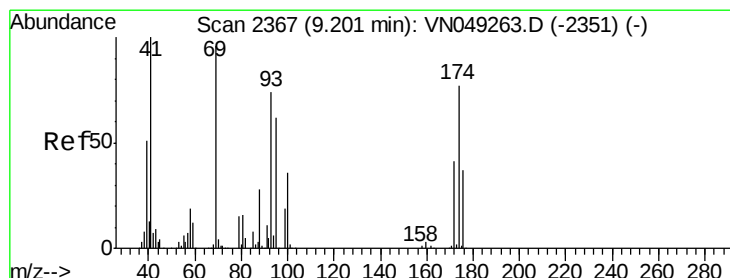
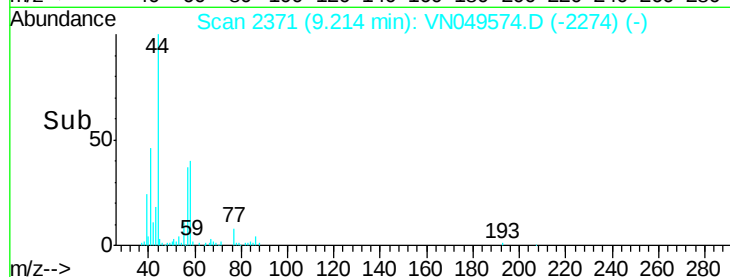
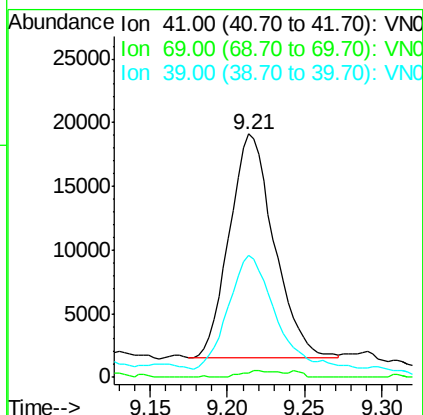
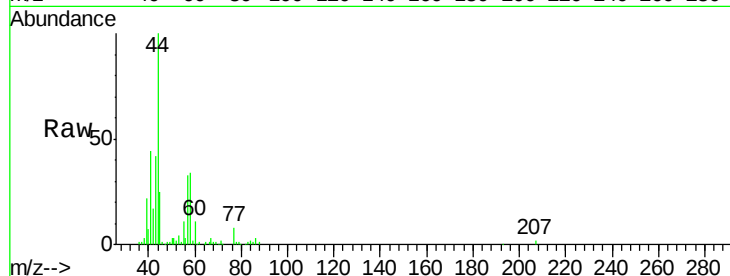




#48
Methvl methacrylate
Concen: 3.44 ug/l
RT: 9.21 min Scan# 2371
Delta R.T. 0.01 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

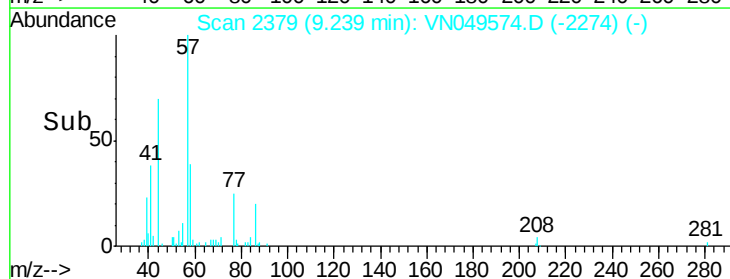
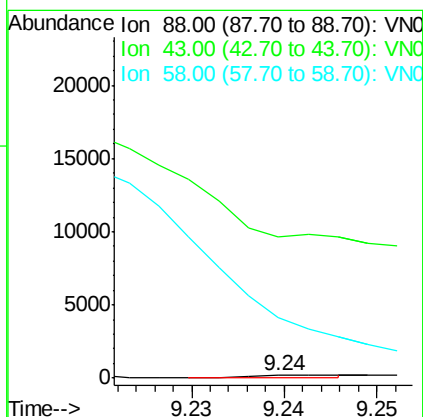
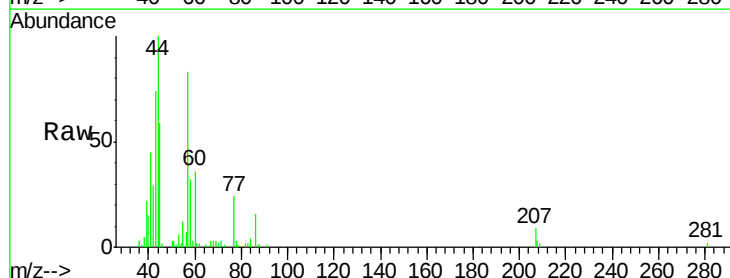
Instrument :
MSVOA_N
ClientSampled :

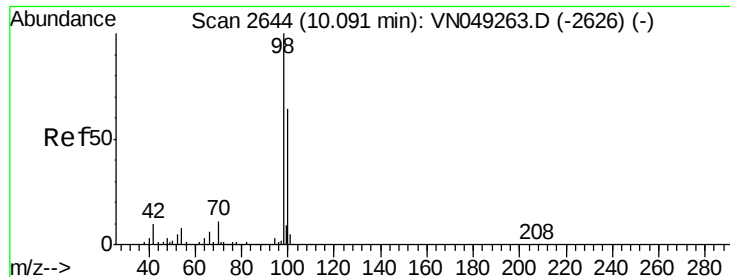
Tot Ion	Ratio	Lower	Upper
41	100		
69	2.3	62.0	93.0#
39	52.8	50.6	75.8



#49
1,4-Dioxane
Concen: 0.95 ug/l
RT: 9.24 min Scan# 2379
Delta R.T. 0.04 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.9	46.3#
58	0.0	58.9	88.3#





#50

Toluene-d8

Concen: 42.37 ug/l

RT: 10.12 min Scan# 2653

Delta R.T. 0.03 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

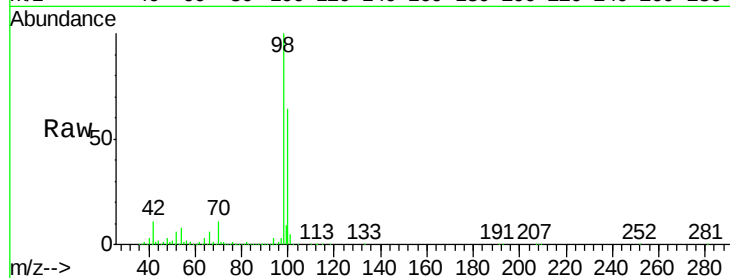
ClientSampleId :

Tot Ion: 98 Resp: 2400001

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.12

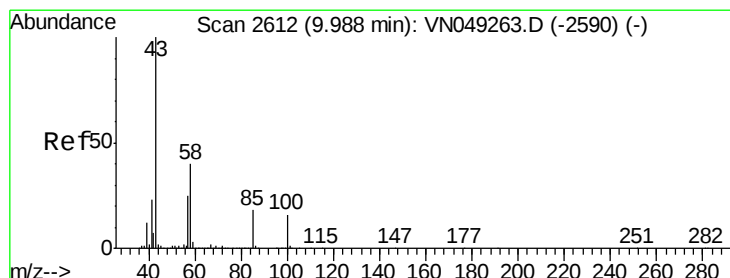
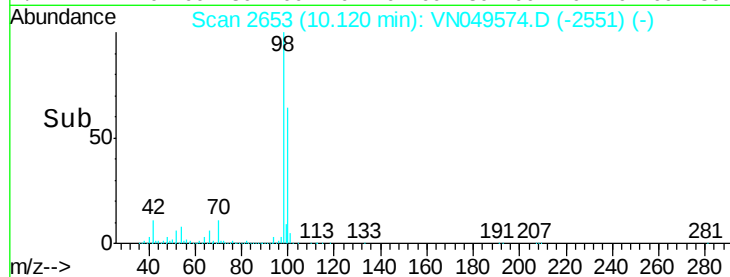
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 2.44 ug/l

RT: 10.02 min Scan# 2621

Delta R.T. 0.03 min

Lab File: VN049574.D

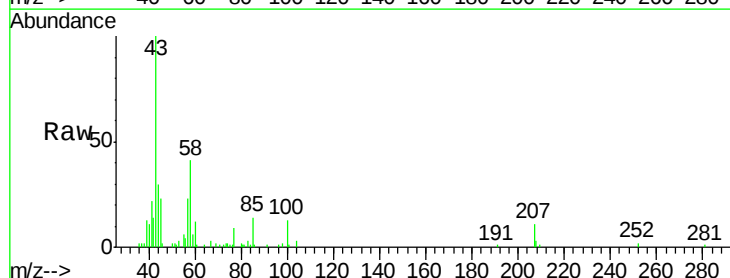
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 28003

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

10.02

20000

15000

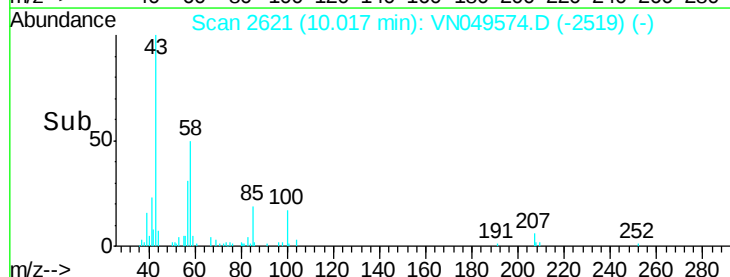
10000

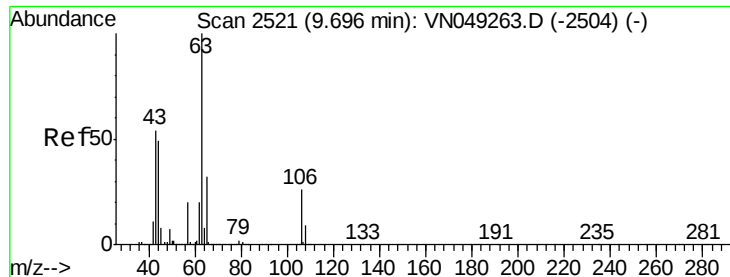
5000

0

Time-->

9.95 10.00 10.05





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.74 min Scan# 2534

Delta R.T. 0.04 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

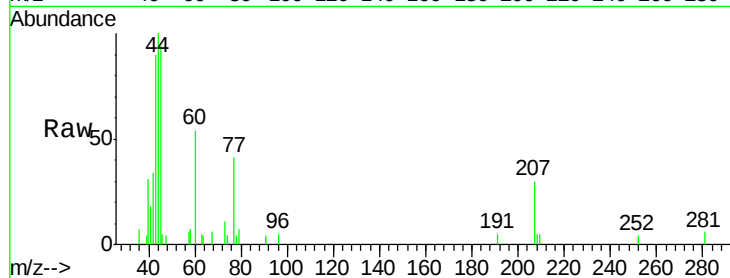
ClientSampleId :

Tot Ion: 63 Resp: 75

Ion Ratio Lower Upper

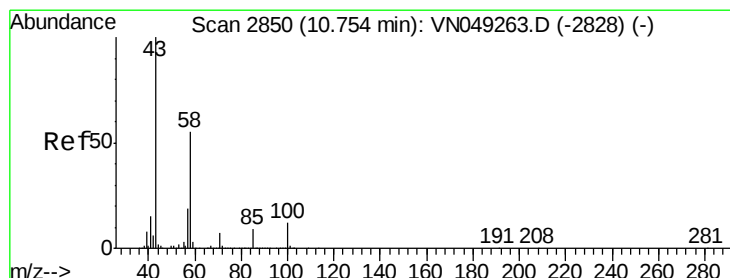
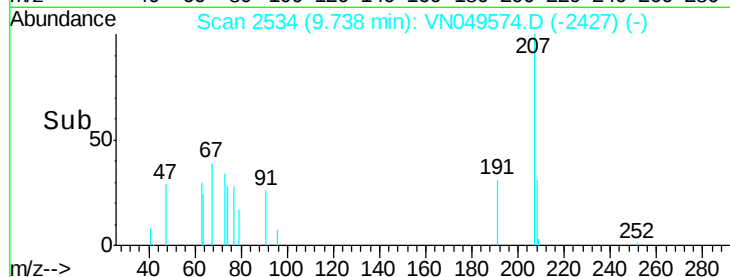
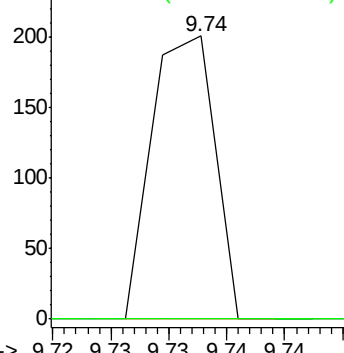
63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 13.79 ug/l

RT: 10.77 min Scan# 2856

Delta R.T. 0.02 min

Lab File: VN049574.D

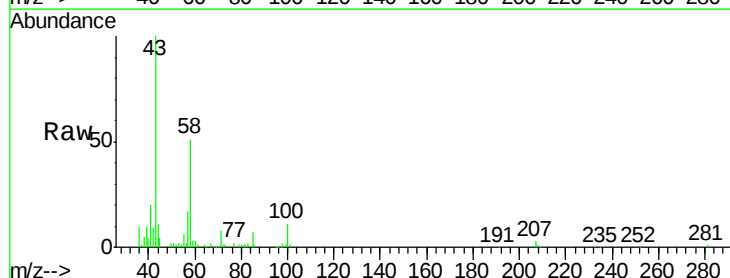
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 101983

Ion Ratio Lower Upper

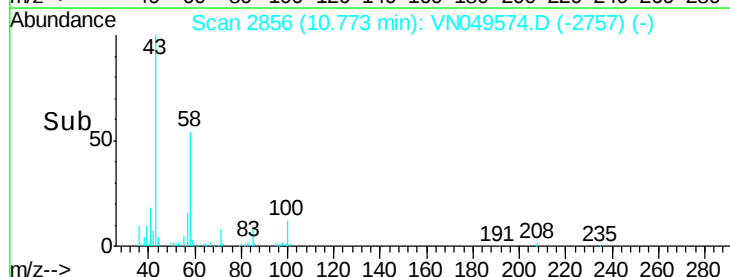
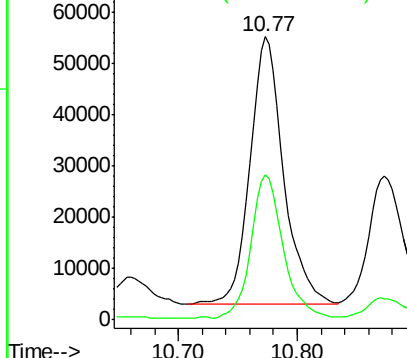
43 100

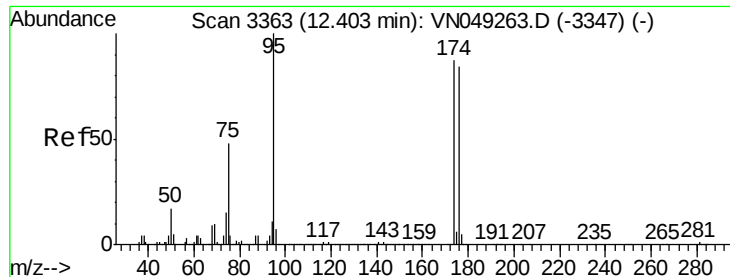
58 51.4 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.08 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. 0.01 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampled :

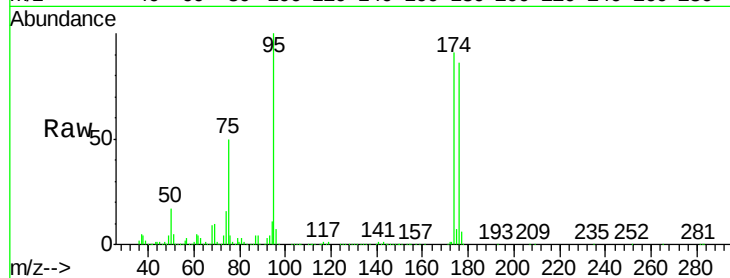
Tot Ion: 95 Resp: 657163

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

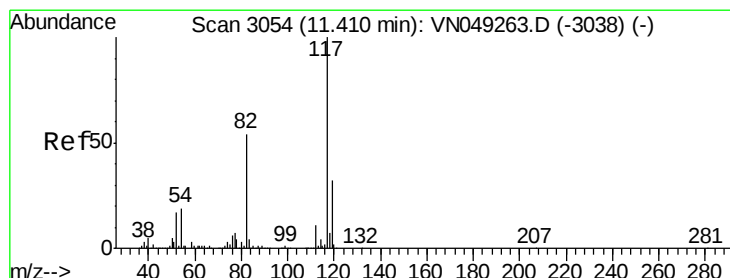
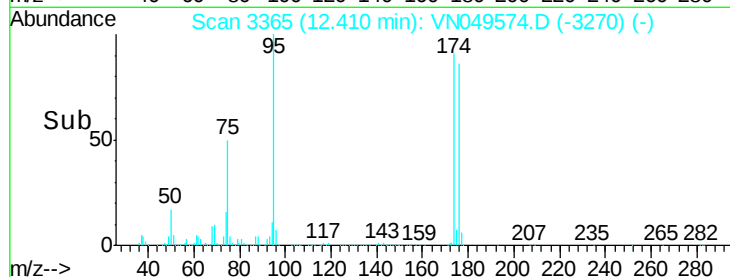
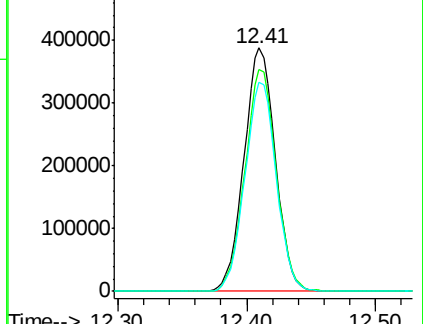
176 86.0 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.42 min Scan# 3058

Delta R.T. 0.01 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

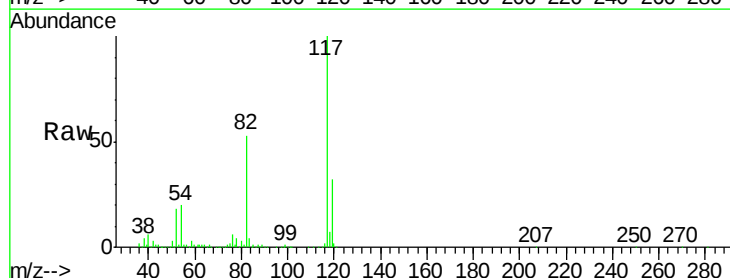
Tgt Ion: 117 Resp: 1415189

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

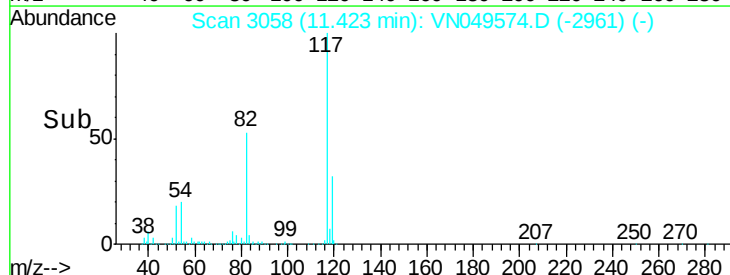
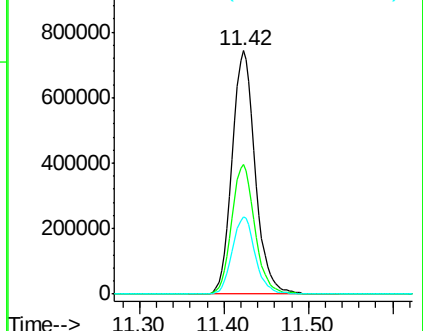
119 31.9 25.5 38.3

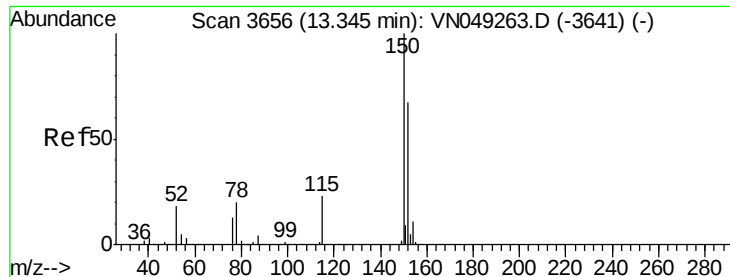


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

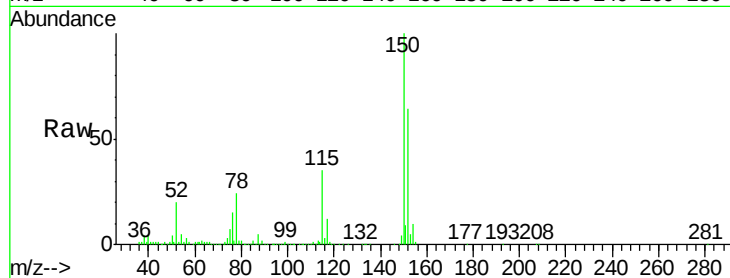
Tot Ion:152 Resp: 538579

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

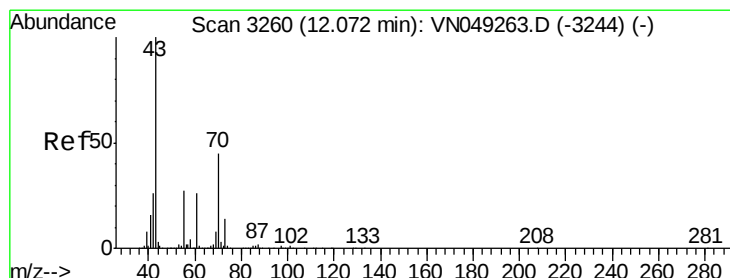
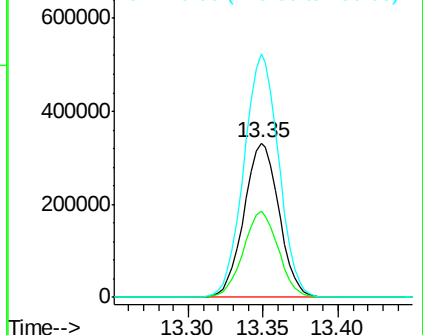
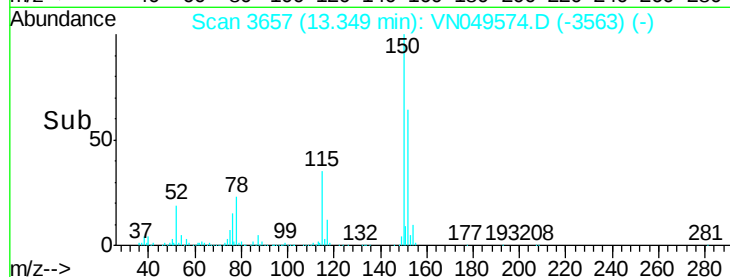
150 157.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 23.66 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 274024

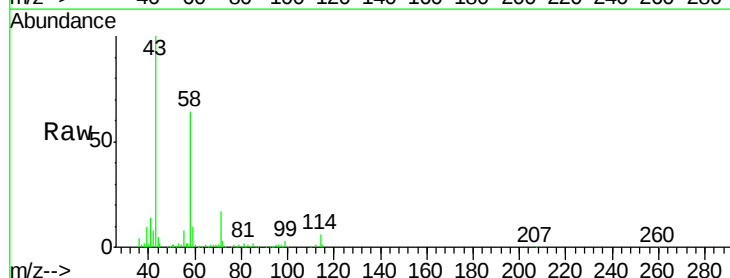
Ion Ratio Lower Upper

43 100

70 0.9 30.3 45.5#

55 8.0 19.4 29.2#

61 0.1 17.8 26.6#

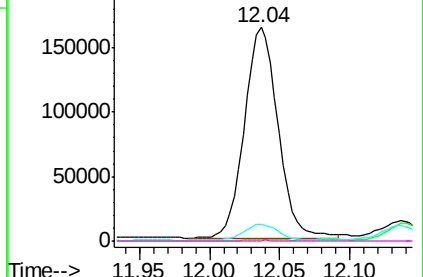
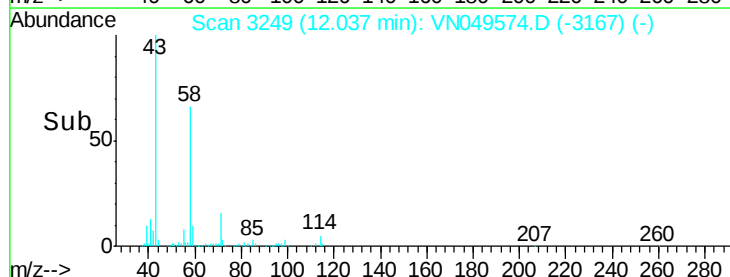


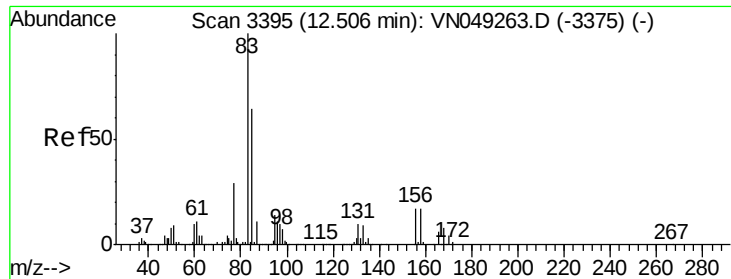
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampled :

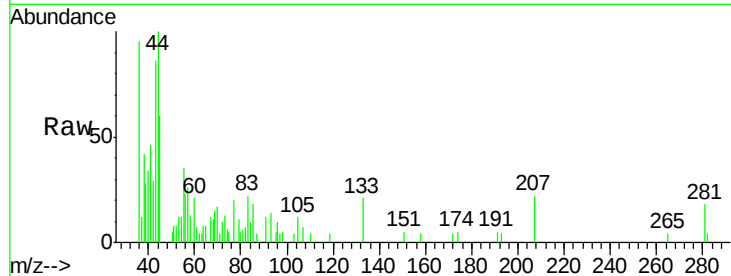
Tot Ion: 83 Resp: 690

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

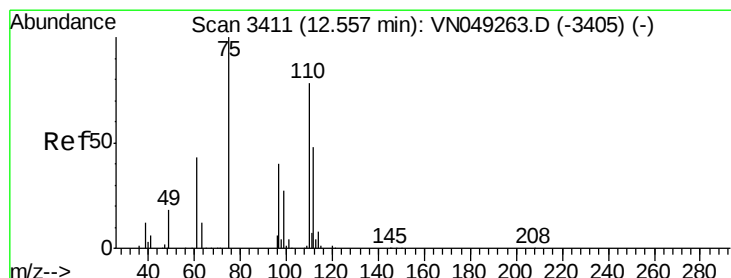
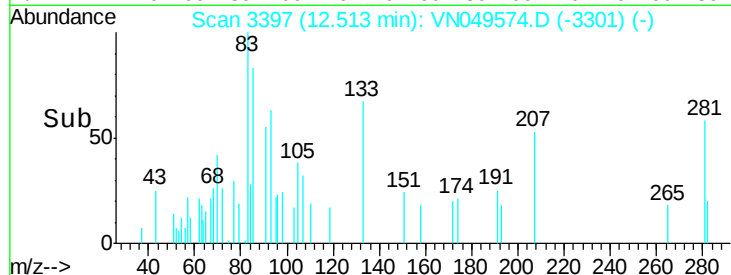
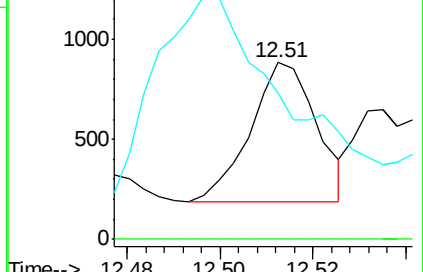
85 393.8 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 35.21 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. -0.15 min

Lab File: VN049574.D

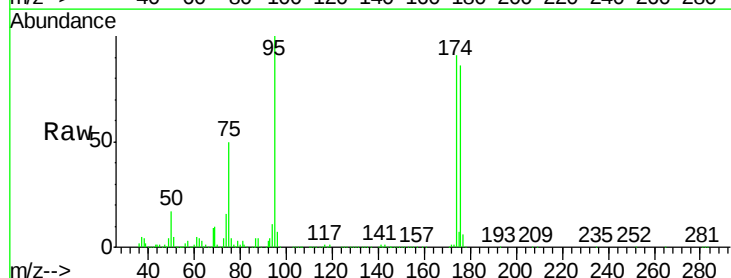
Acq: 27 Jun 2018 16:05

Tgt Ion: 75 Resp: 323574

Ion Ratio Lower Upper

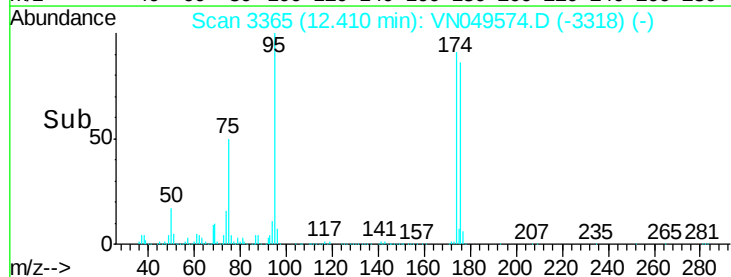
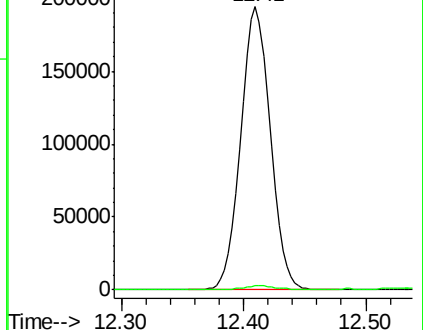
75 100

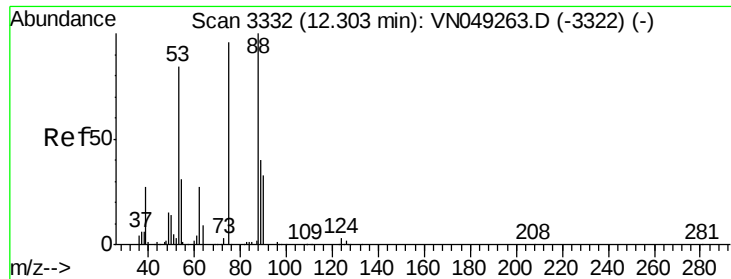
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 111.29 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. 0.11 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

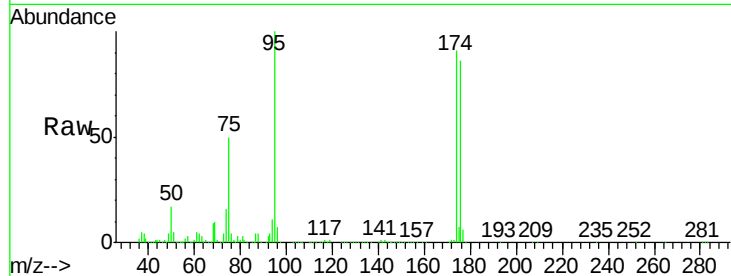
Tot Ion: 75 Resp: 323574

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

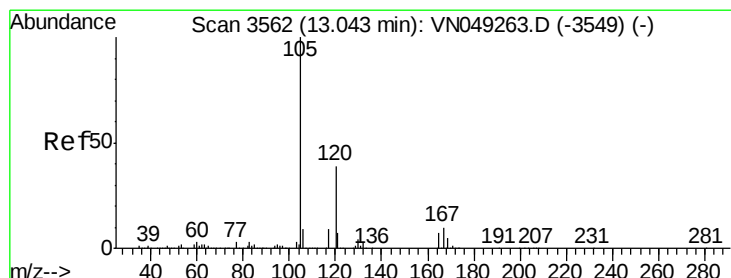
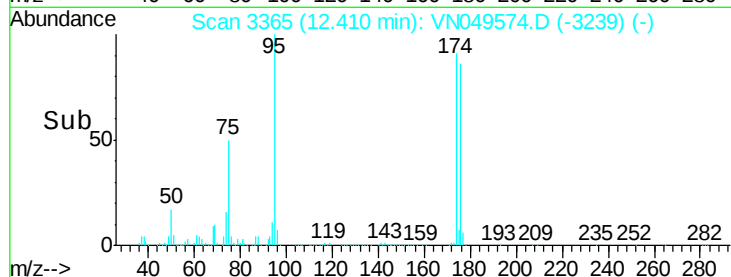
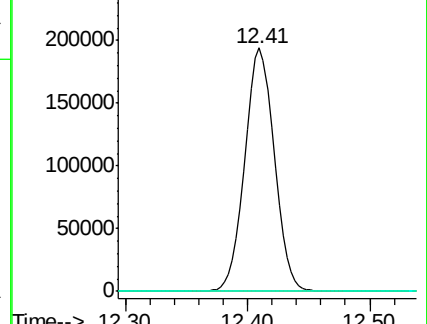
89 0.1 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049574.D (-3365) (-)

Ion 53.00 (52.70 to 53.70): VN049574.D (-3365) (-)

Ion 88.90 (88.60 to 89.60): VN049574.D (-3365) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.42 ug/l

RT: 13.06 min Scan# 3568

Delta R.T. 0.02 min

Lab File: VN049574.D

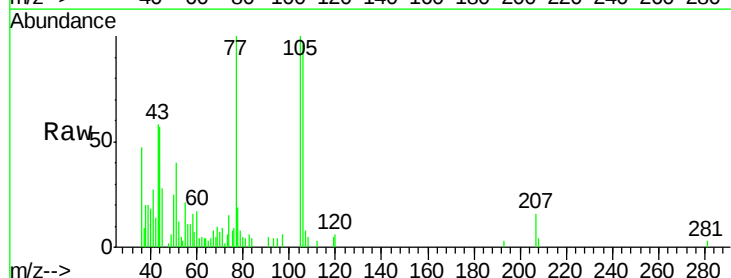
Acq: 27 Jun 2018 16:05

Tgt Ion: 105 Resp: 15564

Ion Ratio Lower Upper

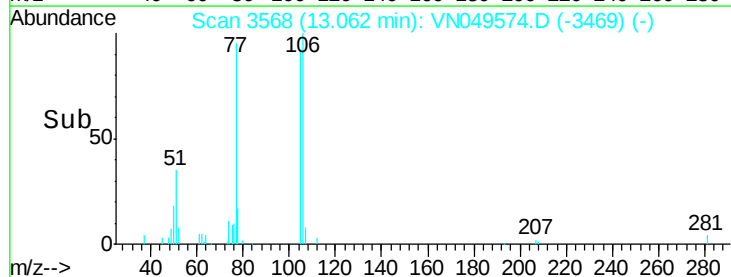
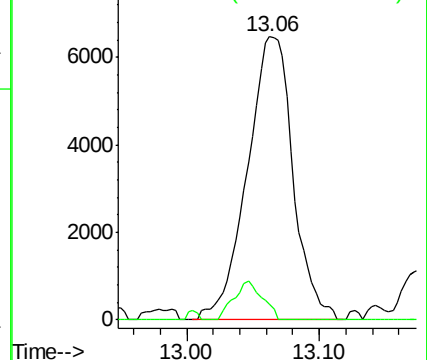
105 100

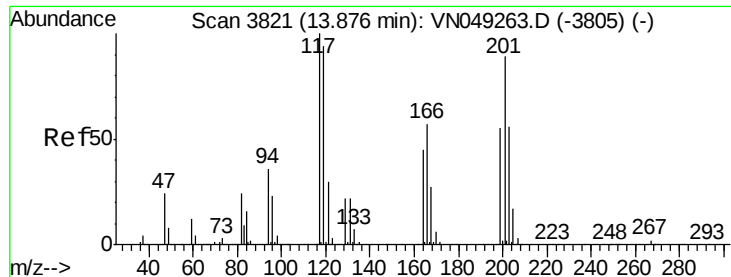
120 8.5 22.2 66.6#



Abundance Ion 105.00 (104.70 to 105.70): VN049574.D (-3568) (-)

Ion 120.00 (119.70 to 120.70): VN049574.D (-3568) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.86 min Scan# 3815

Delta R.T. -0.02 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

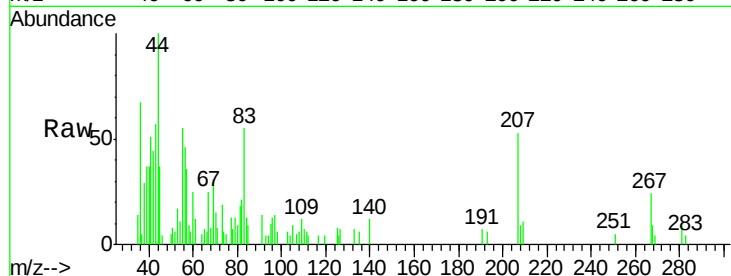
ClientSampled :

Tot Ion:117 Resp: 127

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.86

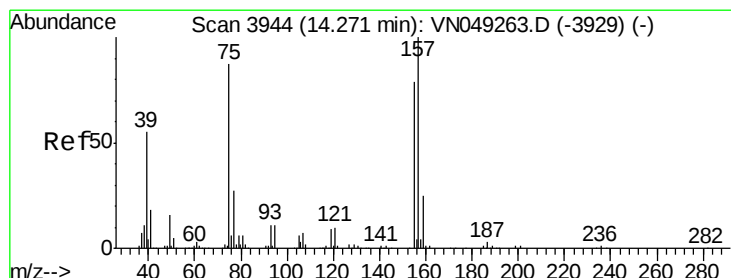
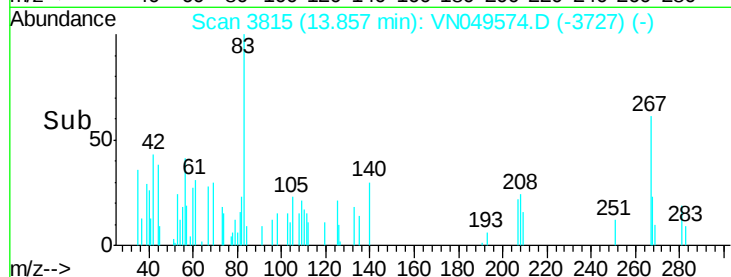
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.49 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

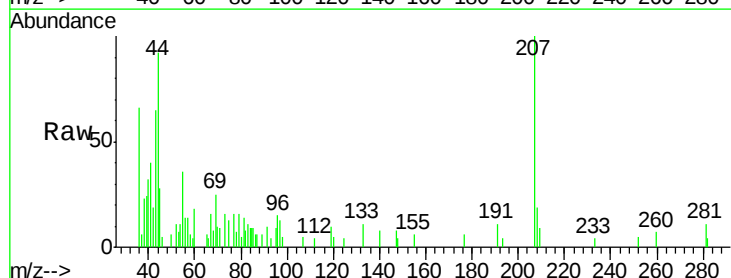
Tgt Ion: 75 Resp: 810

Ion Ratio Lower Upper

75 100

155 14.6 38.8 116.3#

157 0.0 51.0 153.1#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

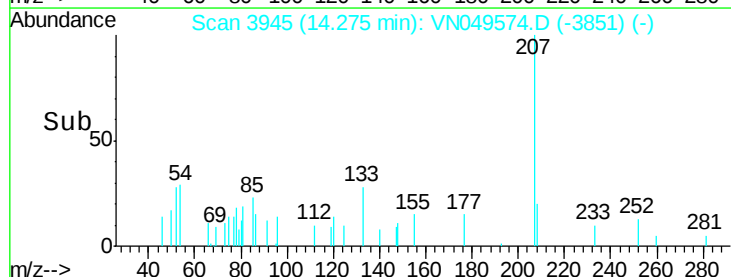
600

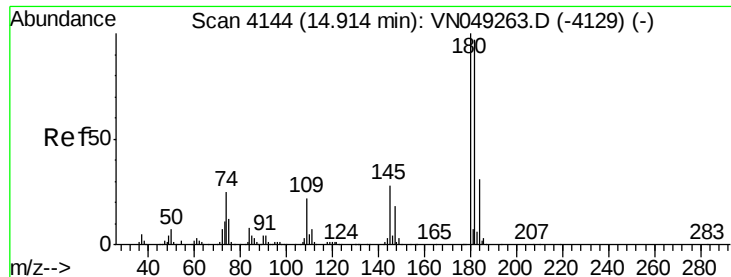
400

200

0

Time-->

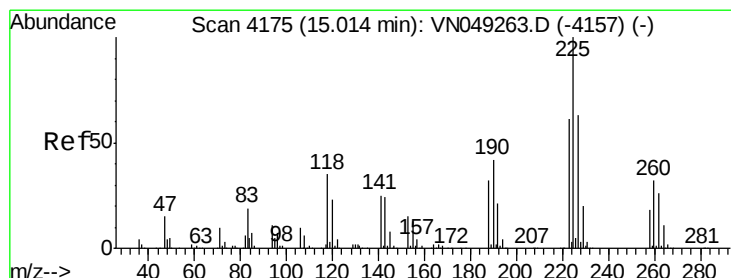
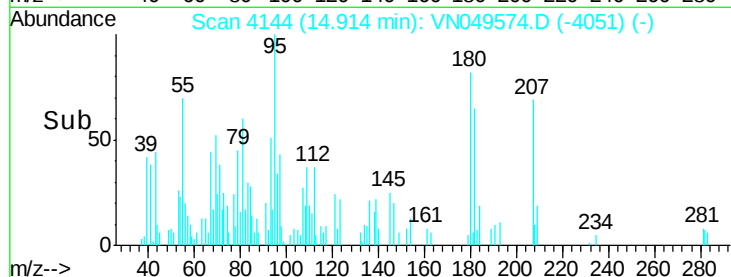
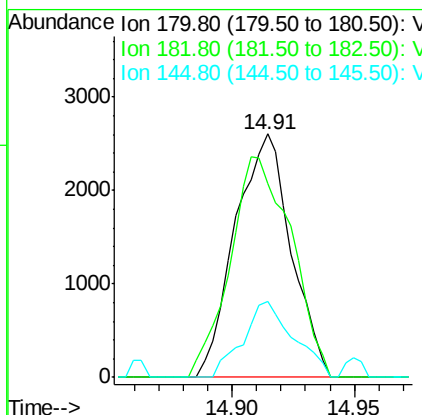
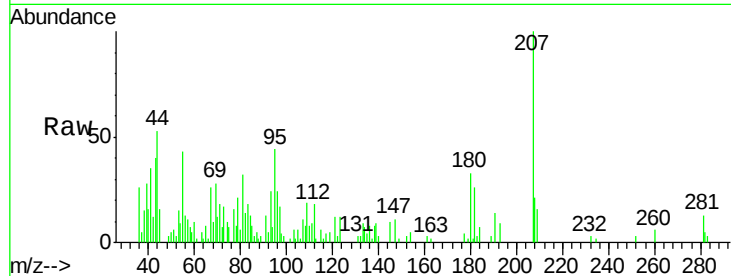




#93
 1,2,4-Trichlorobenzene
 Concen: 5.15 ua/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049574.D
 Acq: 27 Jun 2018 16:05

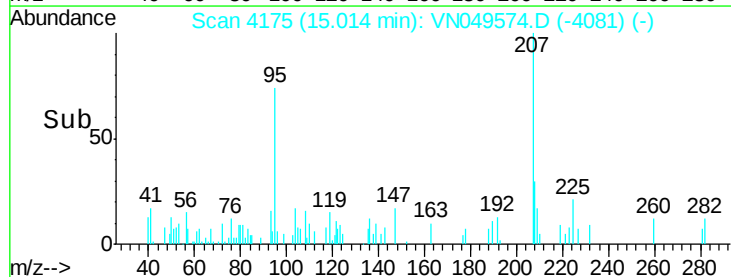
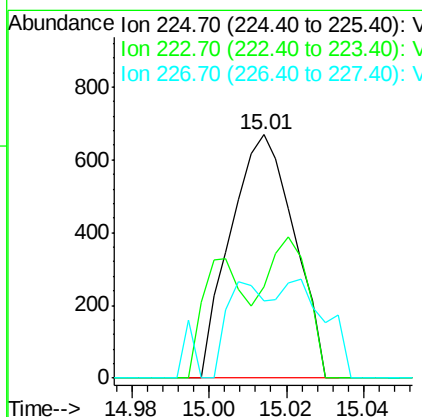
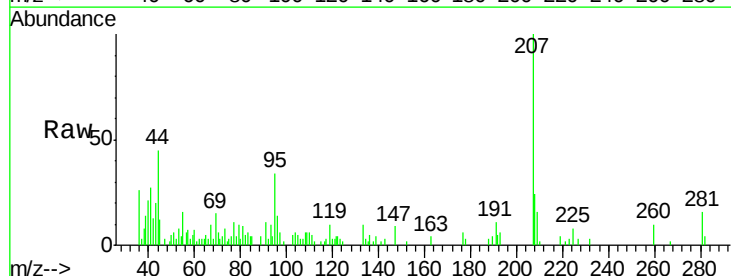
Instrument :
 MSVOA_N
 ClientSampled :

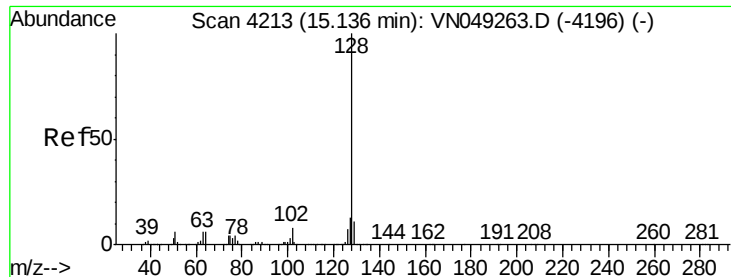
Tot Ion:180 Resp: 4141
 Ion Ratio Lower Upper
 180 100
 182 99.5 46.9 140.8
 145 27.9 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049574.D
 Acq: 27 Jun 2018 16:05

Tgt Ion:225 Resp: 763
 Ion Ratio Lower Upper
 225 100
 223 38.4 32.1 96.3
 227 0.0 31.8 95.3#

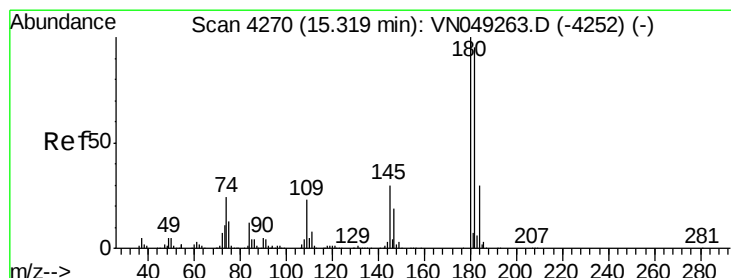
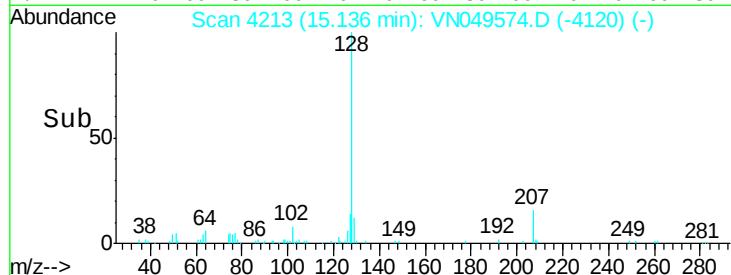
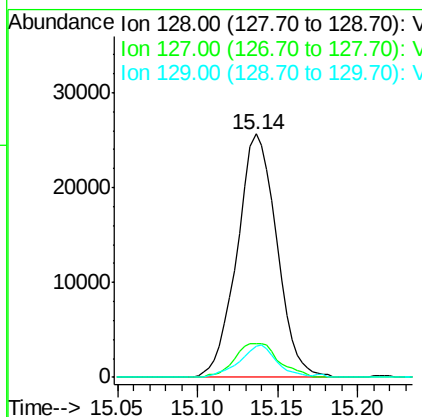
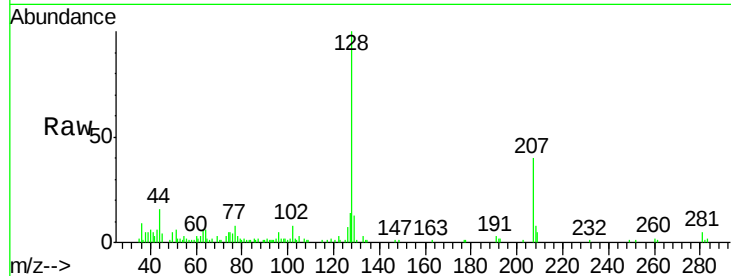




#95
Naphthalene
Concen: 4.95 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 43195
Ion Ratio Lower Upper
128 100
127 15.6 10.6 16.0
129 12.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.82 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.00 min
Lab File: VN049574.D
Acq: 27 Jun 2018 16:05

Tgt Ion:180 Resp: 3543
Ion Ratio Lower Upper
180 100
182 110.2 47.3 141.8
145 40.6 15.6 46.7

