

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049424.D
 Acq On : 20 Jun 2018 8:45
 Operator : MD\SY
 Sample : J3249-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 11:14:10 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	7.67	168	1172221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1882099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1531168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	488808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	776540	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
35) Dibromofluoromethane	7.59	113	702500	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	10.09	98	2562947	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	
62) 4-Bromofluorobenzene	12.40	95	664974	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	1457	1.597	ug/l #	70
14) Allyl chloride	4.55	41	25095	1.182	ug/l #	21
16) Acetone	3.82	43	34433	9.121	ug/l	95
18) Methyl Acetate	4.33	43	101753	8.840	ug/l	96
20) Methylene Chloride	4.55	84	706797	44.829	ug/l	90
25) 2-Butanone	6.84	43	6093	1.202	ug/l #	89
29) Tetrahydrofuran	7.22	42	2093	0.641	ug/l #	80
30) Chloroform	7.38	83	18743	0.694	ug/l	97
31) Cyclohexane	7.67	56	21070	0.743	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	81752	3.790	ug/l #	50
38) Carbon Tetrachloride	7.67	117	109533	4.905	ug/l #	16
41) Methacrylonitrile	7.22	41	1445	0.228	ug/l #	100
43) Isopropyl Acetate	8.23	43	350514	15.644	ug/l #	64
47) Bromodichloromethane	9.41	83	8020	0.363	ug/l	92
49) 1,4-Dioxane	9.20	88	168	1.154	ug/l #	28
51) 4-Methyl-2-Pentanone	9.99	43	4773	0.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	30	14.331	ug/l #	51
65) Chlorobenzene	11.44	112	14019	0.355	ug/l	97
67) Ethyl Benzene	11.51	91	18979	0.290	ug/l	91
68) m/p-Xylenes	11.62	106	10784	0.439	ug/l	97
69) o-Xylene	11.95	106	6778	0.287	ug/l	100
71) Bromoform	12.40	173	4582	0.477	ug/l #	1
73) Isopropylbenzene	12.25	105	9031	0.210	ug/l	77
74) N-ethyl acetate	12.04	43	2616	0.249	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.51	83	75	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	320340	38.409	ug/l #	100
78) n-propylbenzene	12.59	91	20882	0.443	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	8820	0.261	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.40	75	320340	121.392	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	28381	0.847	ug/l	98
85) sec-Butylbenzene	13.17	105	10823	0.272	ug/l	81
86) p-Isopropyltoluene	13.44	119	7117	0.214	ug/l	83
90) Hexachloroethane	13.89	117	7877	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	970	4.847	ug/l #	1

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

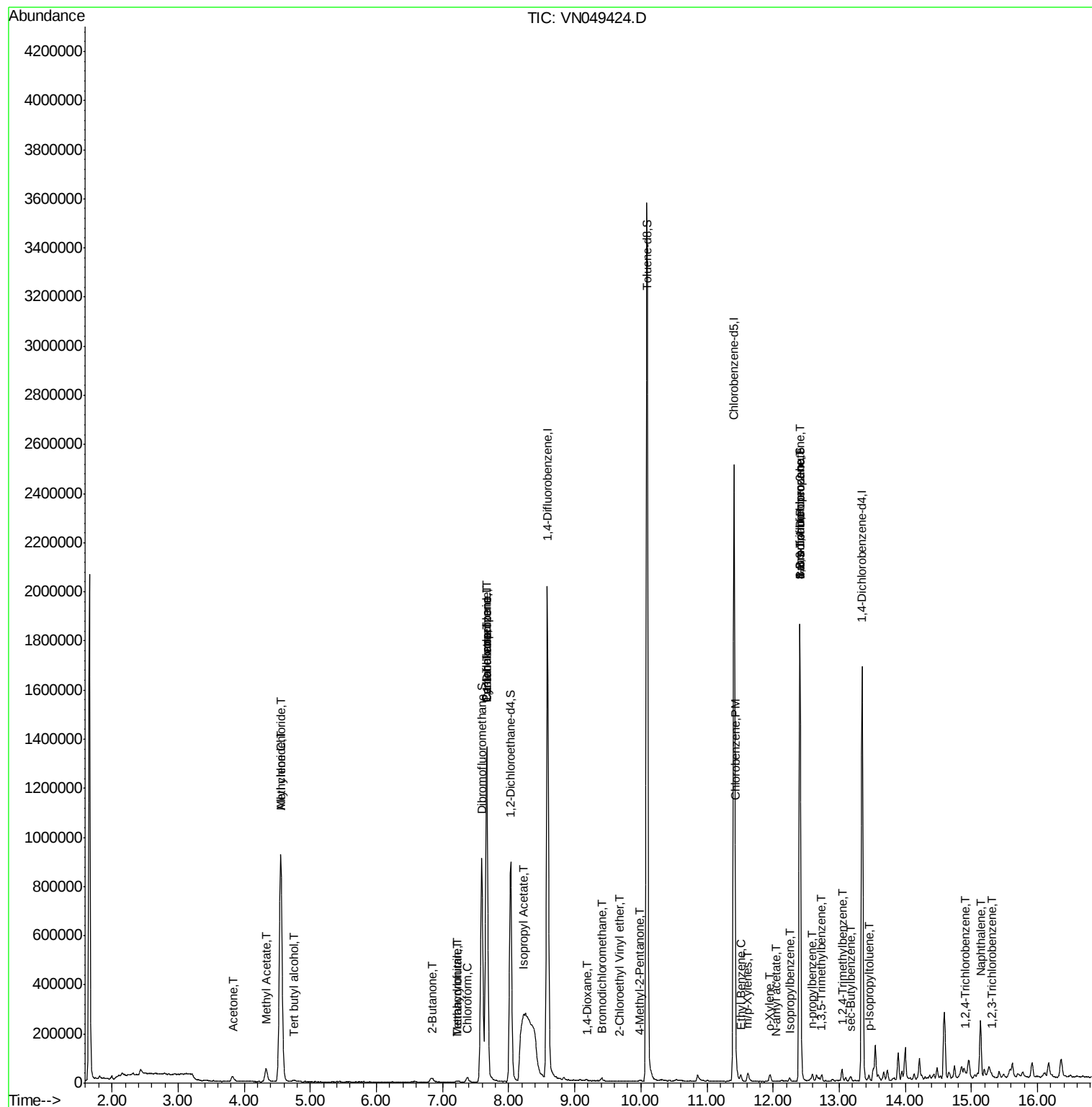
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	200635	16.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	346	3.497	ug/l #	1

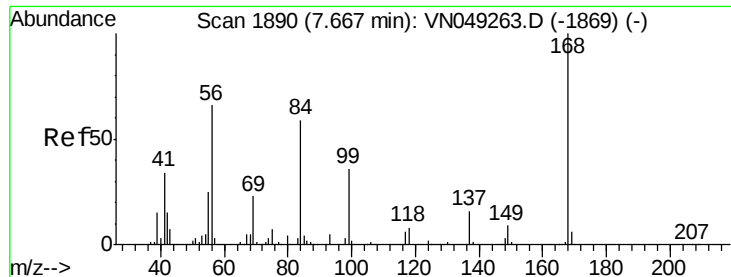
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

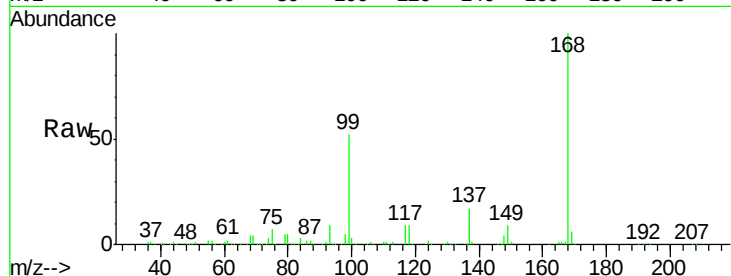
ClientSampled :

Tot Ion:168 Resp: 1172221

Ion Ratio Lower Upper

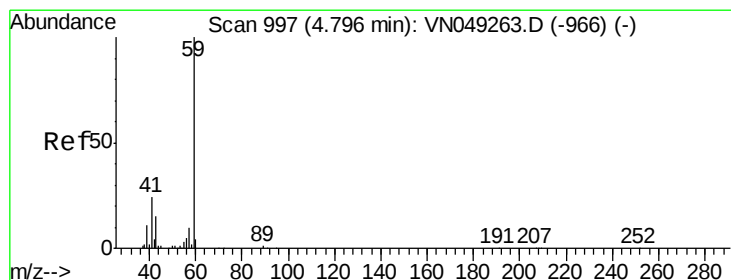
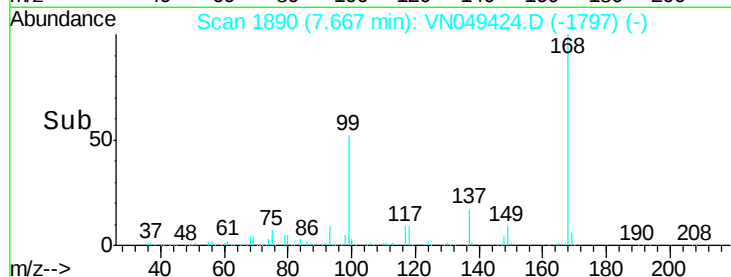
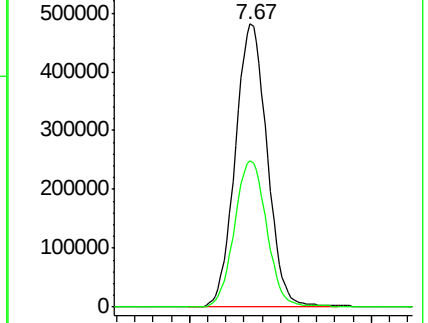
168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.597 ug/l

RT: 4.76 min Scan# 985

Delta R.T. -0.04 min

Lab File: VN049424.D

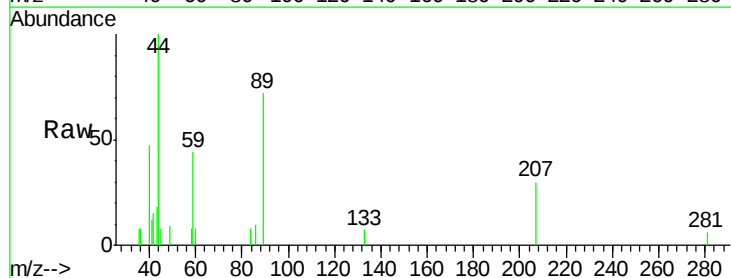
Acq: 20 Jun 2018 8:45

Tgt Ion: 59 Resp: 1457

Ion Ratio Lower Upper

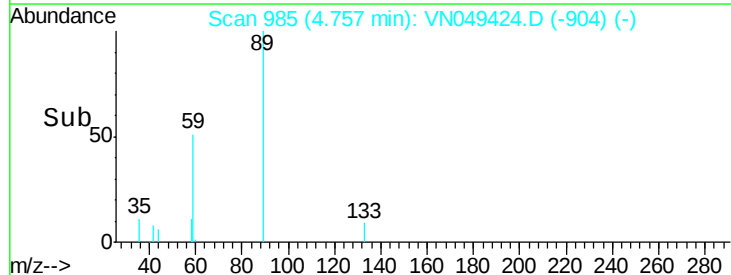
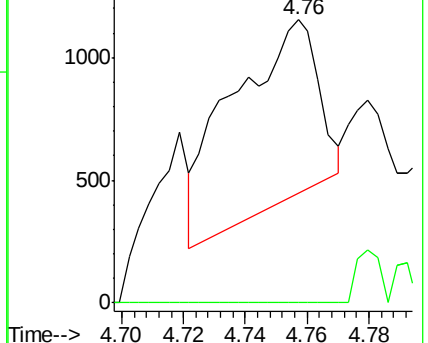
59 100

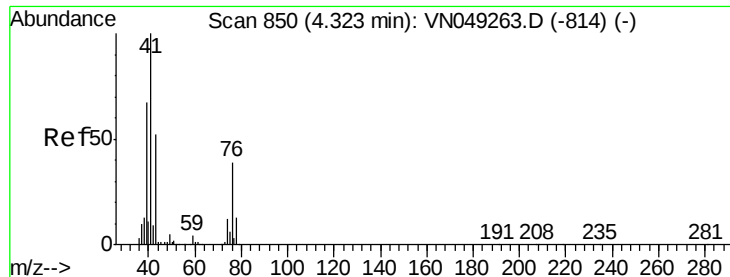
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#14

Allvl chloride

Concen: 1.182 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

ClientSampled :

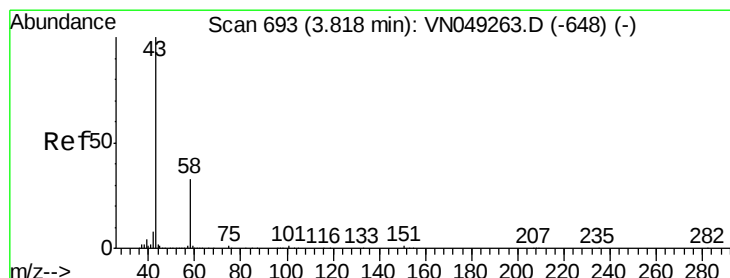
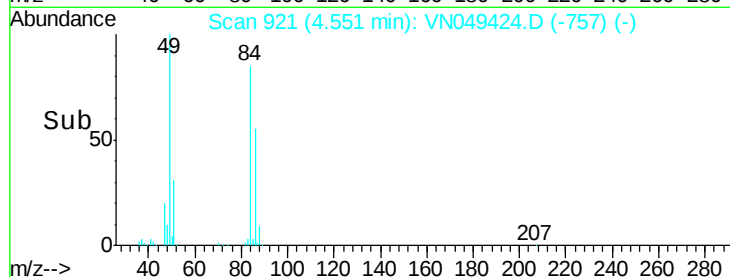
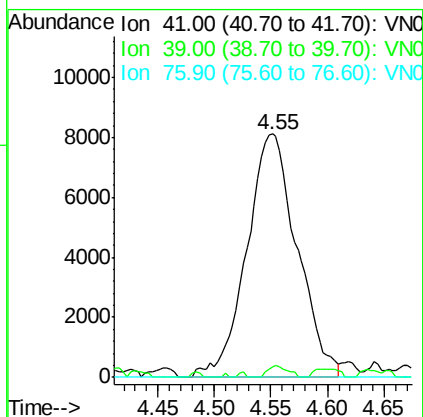
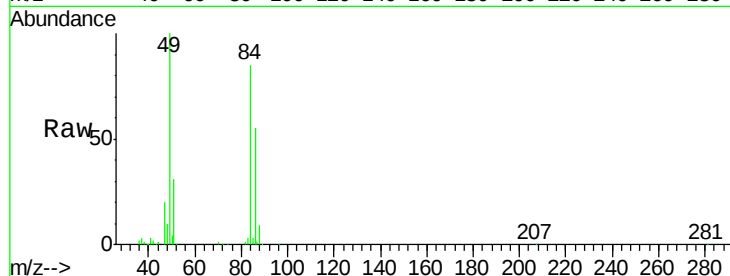
Tot Ion: 41 Resp: 25095

Ion Ratio Lower Upper

41 100

39 1.9 62.5 93.7#

76 0.0 27.1 40.7#



#16

Acetone

Concen: 9.121 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049424.D

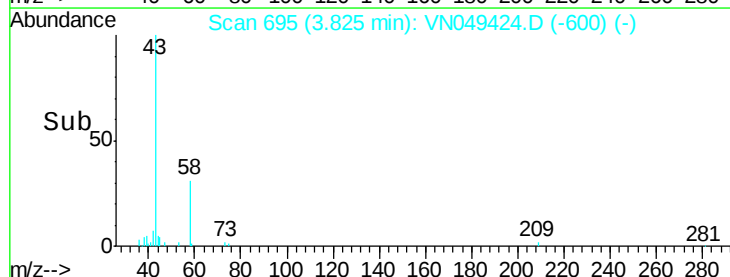
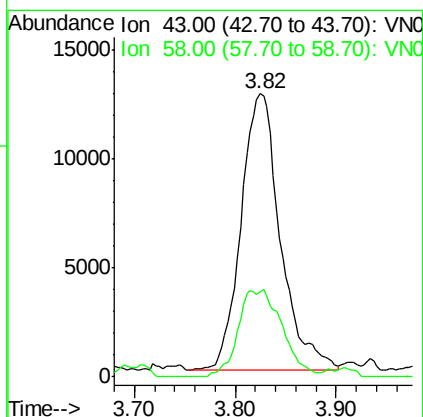
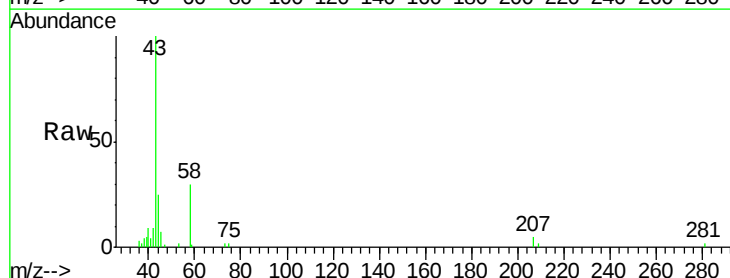
Acq: 20 Jun 2018 8:45

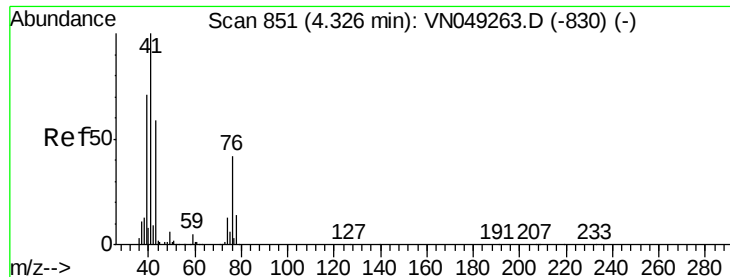
Tgt Ion: 43 Resp: 34433

Ion Ratio Lower Upper

43 100

58 30.7 22.4 33.6

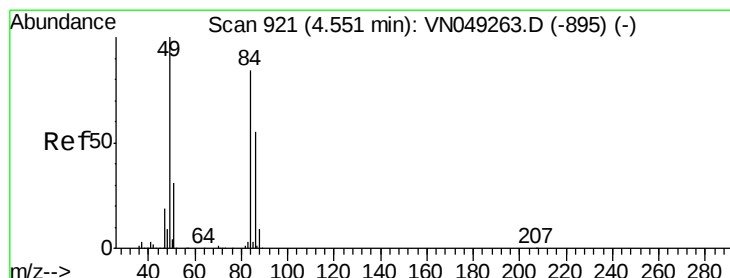
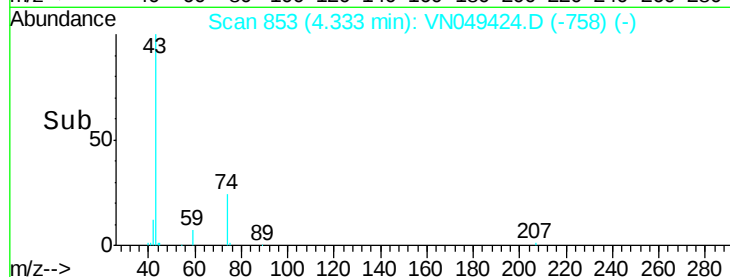
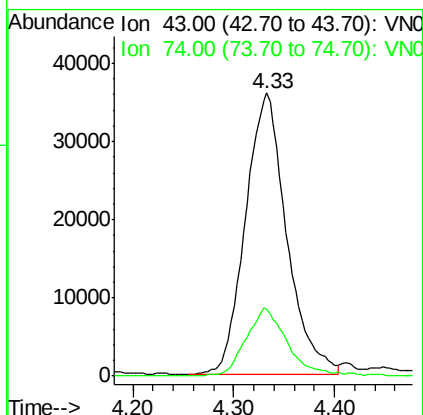
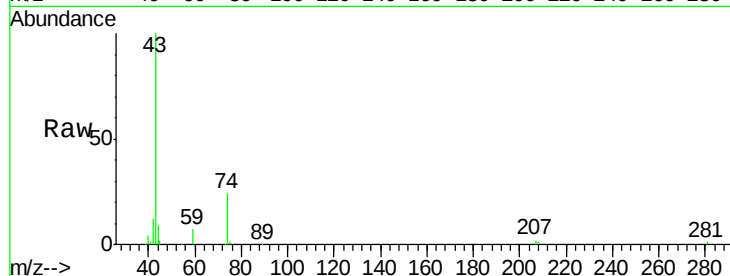




#18
Methvl Acetate
Concen: 8.840 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

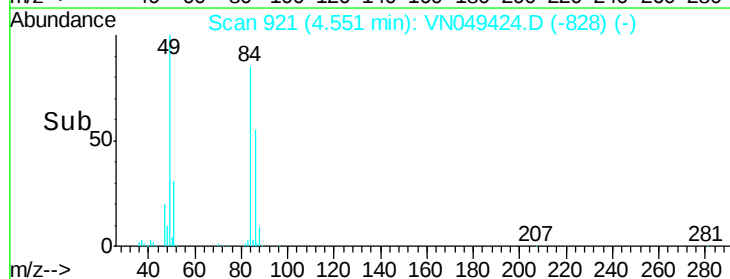
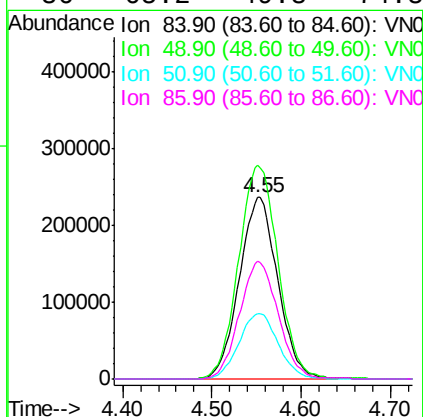
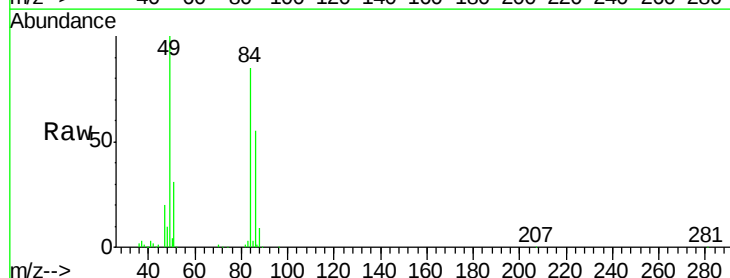
Instrument :
MSVOA_N
ClientSampleId :

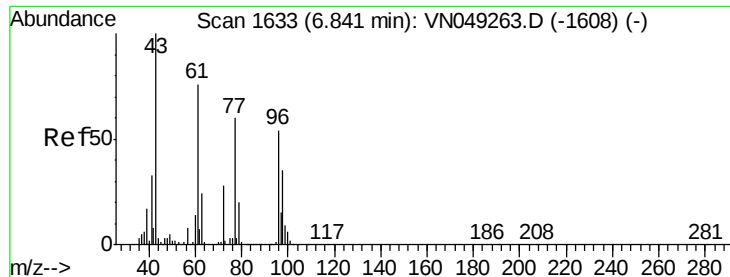
Tot Ion: 43 Resp: 101753
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 44.829 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion: 84 Resp: 706797
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 36.3 32.7 49.1
86 65.2 49.8 74.8





#25

2-Butanone

Concen: 1.202 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

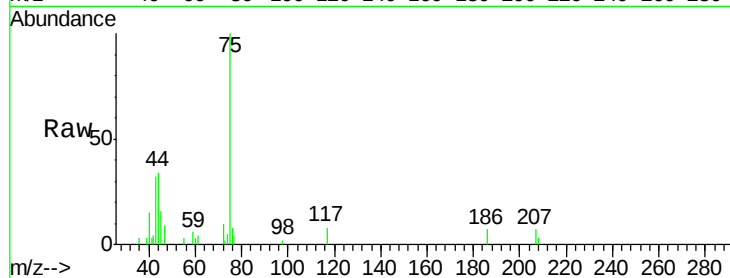
ClientSampled :

Tot Ion: 43 Resp: 6093

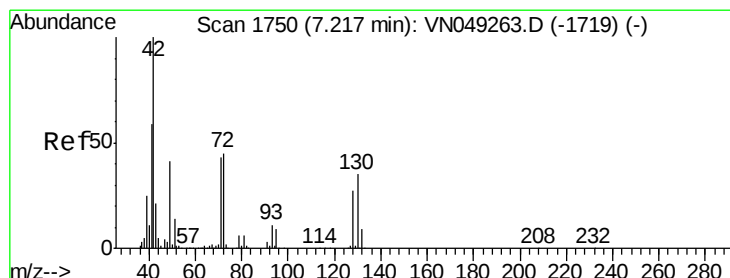
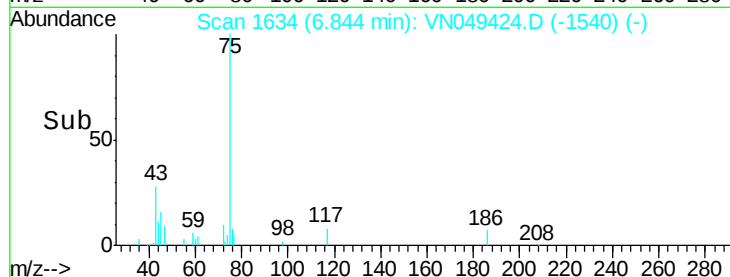
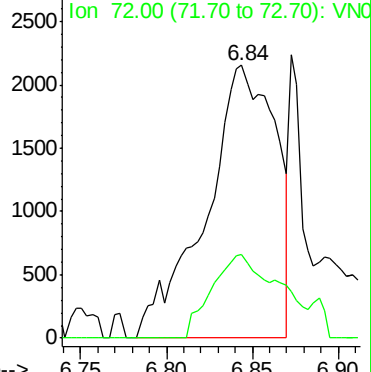
Ion Ratio Lower Upper

43 100

72 30.5 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN049424.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 0.641 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

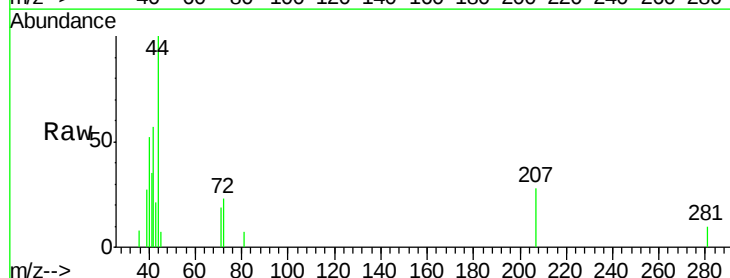
Tgt Ion: 42 Resp: 2093

Ion Ratio Lower Upper

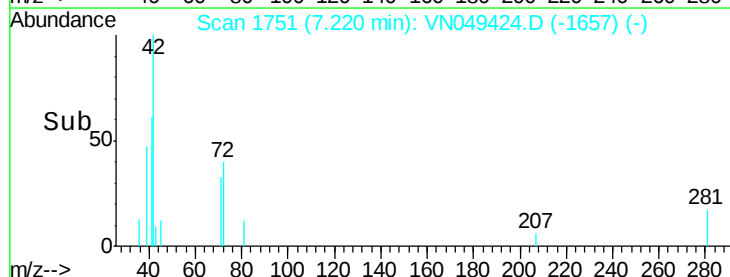
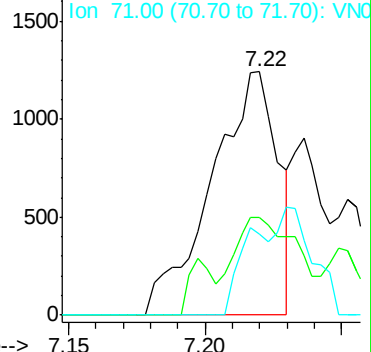
42 100

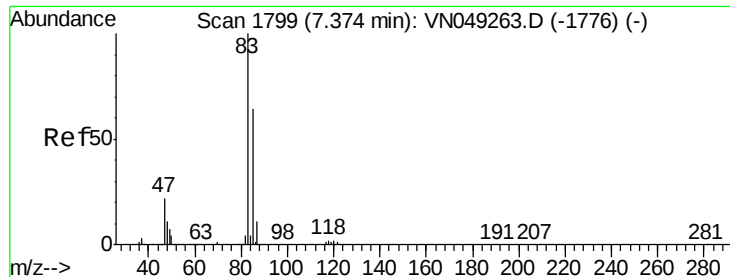
72 37.8 32.2 48.4

71 16.4 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN049424.D (-1657) (-)





#30

Chloroform

Concen: 0.694 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

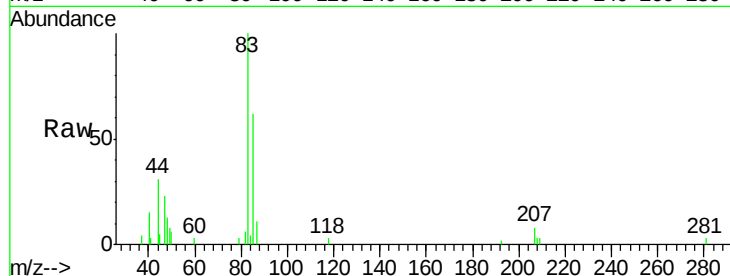
ClientSampleId :

Tot Ion: 83 Resp: 18743

Ion Ratio Lower Upper

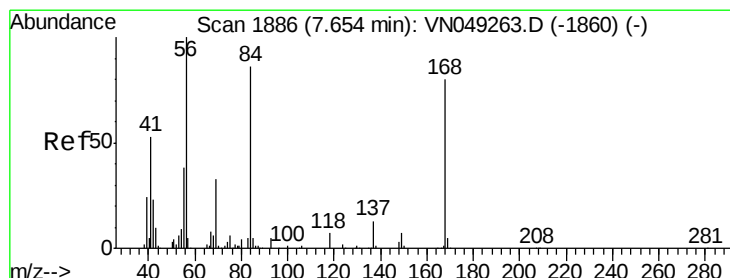
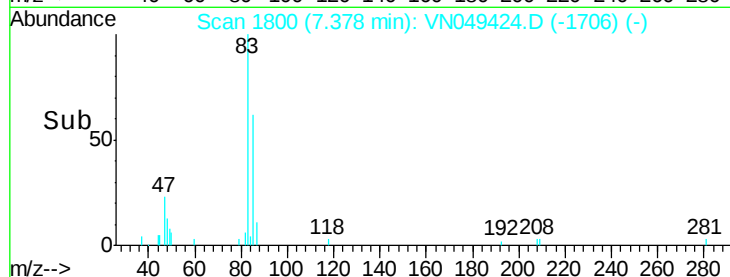
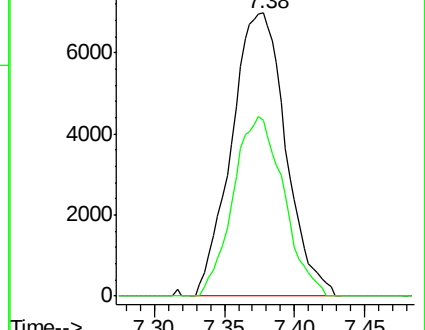
83 100

85 62.3 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049424.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN049424.D (-1776) (-)



#31

Cyclohexane

Concen: 0.743 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

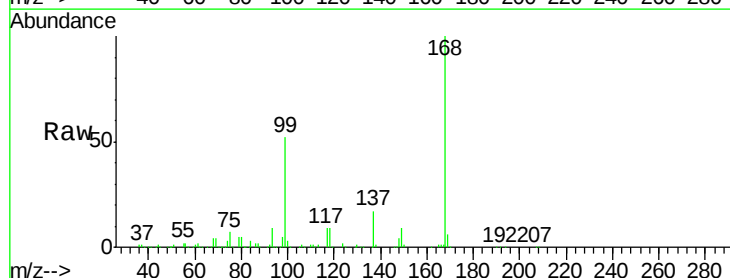
Tgt Ion: 56 Resp: 21070

Ion Ratio Lower Upper

56 100

69 199.4 25.0 37.4#

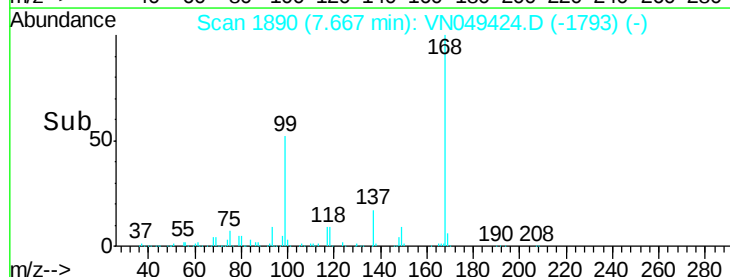
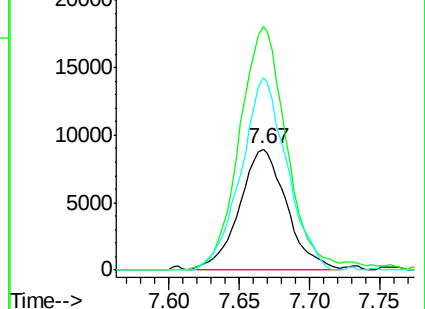
84 158.6 64.6 96.8#

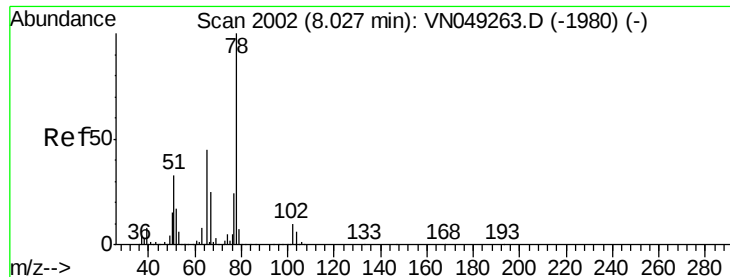


Abundance Ion 56.00 (55.70 to 56.70): VN049424.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049424.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049424.D (-1793) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.946 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

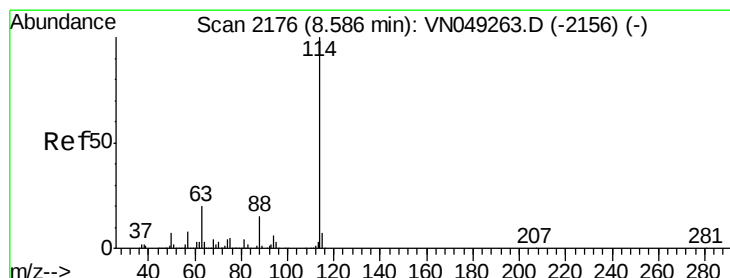
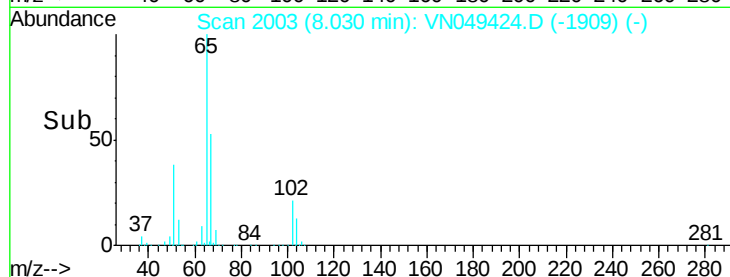
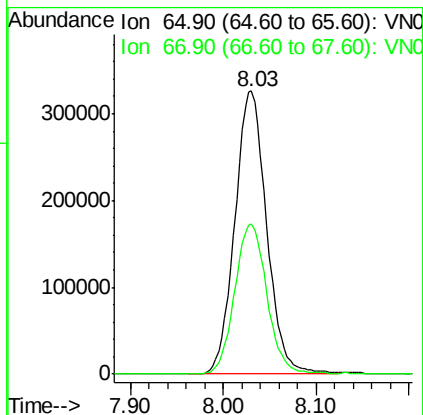
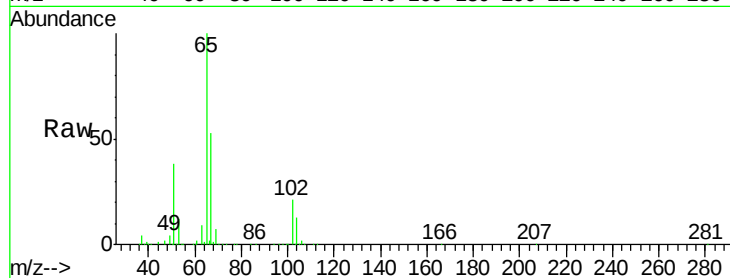
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 776540

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

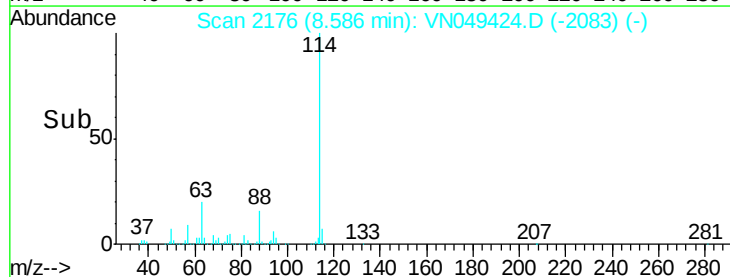
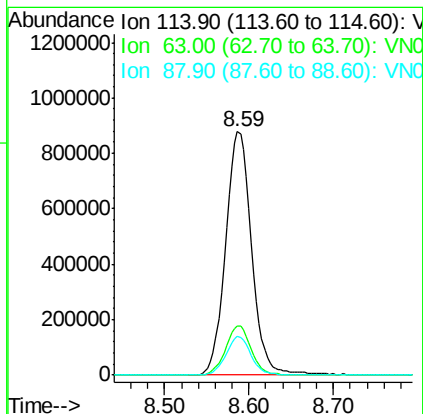
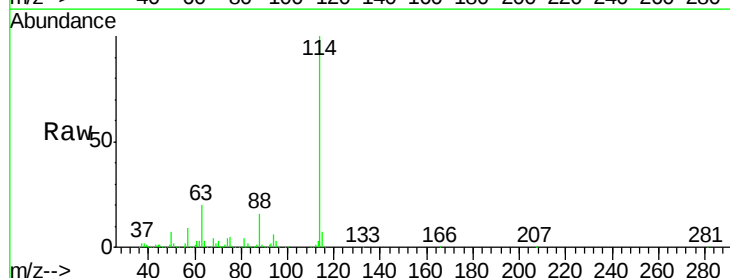
Tgt Ion:114 Resp: 1882099

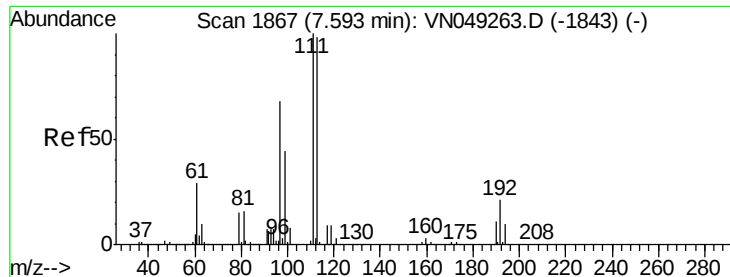
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.7 0.0 31.4

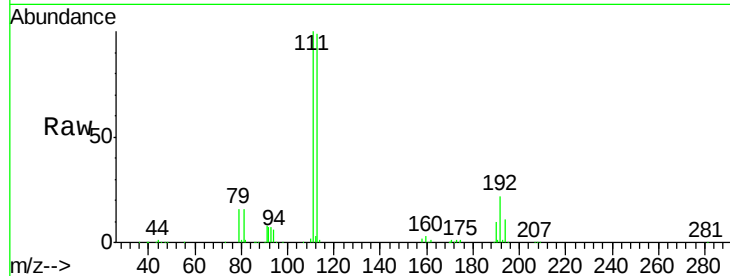




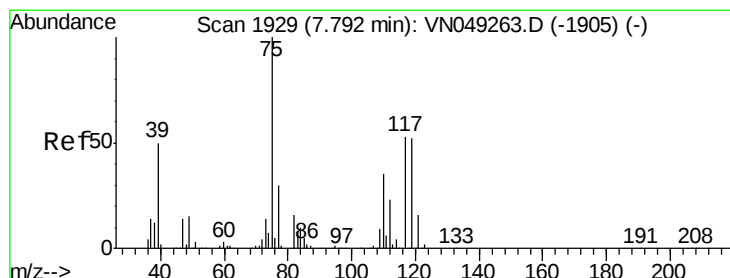
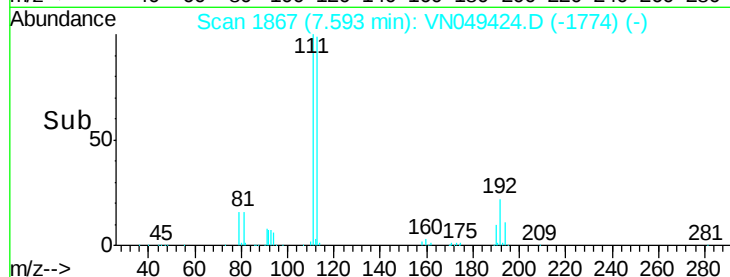
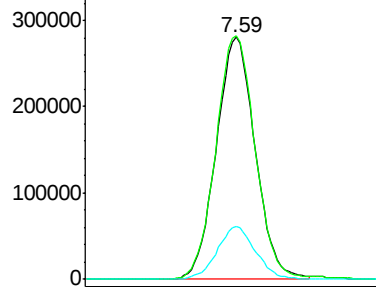
#35
Dibromofluoromethane
Concen: 46.135 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	21.6	15.0	22.6

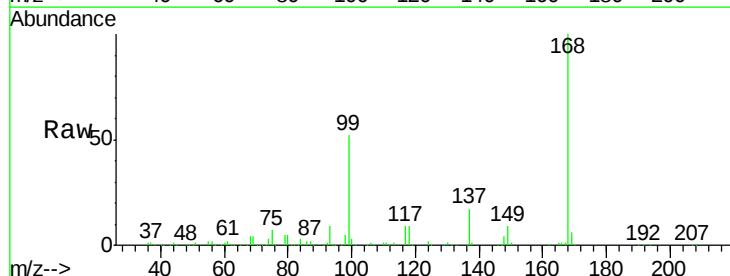


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

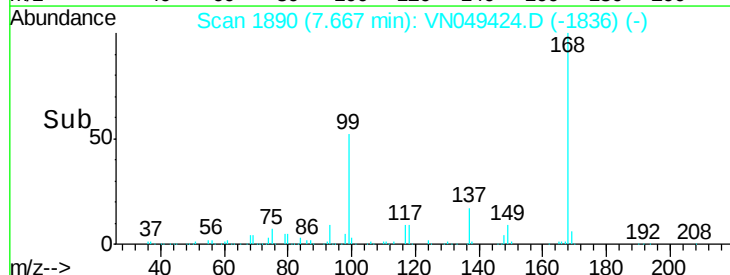
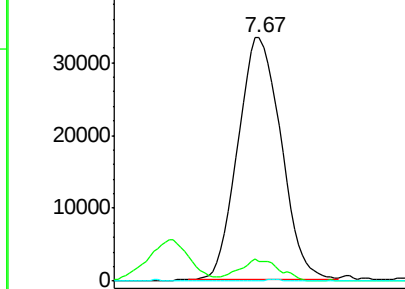


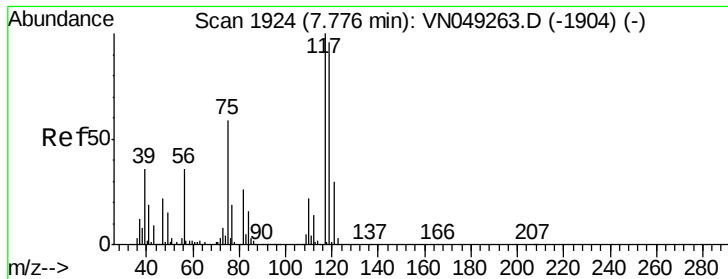
#36
1,1-Dichloropropene
Concen: 3.790 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	50.9#
77	0.2	24.4	36.6#



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

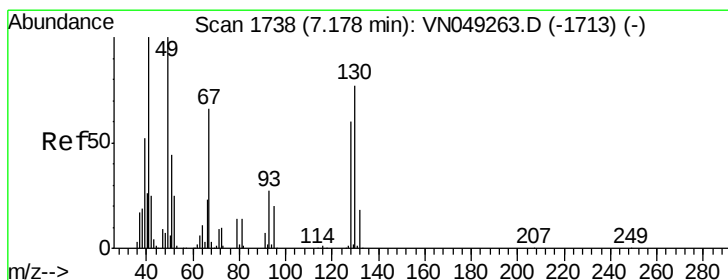
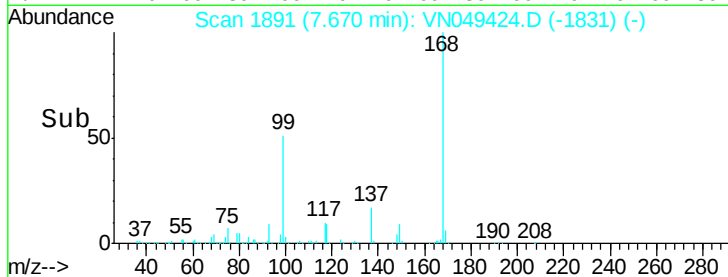
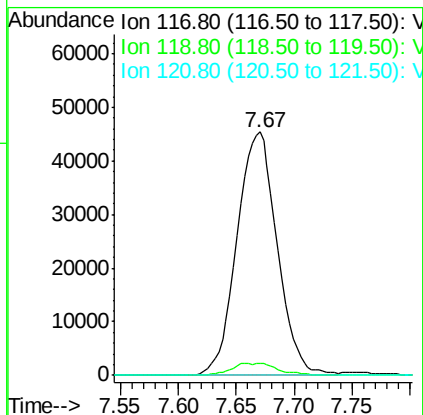
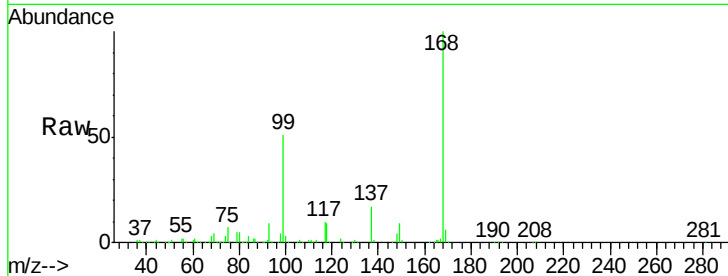




#38
Carbon Tetrachloride
Concen: 4.905 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

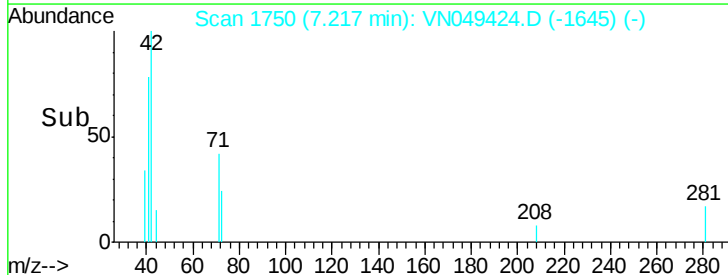
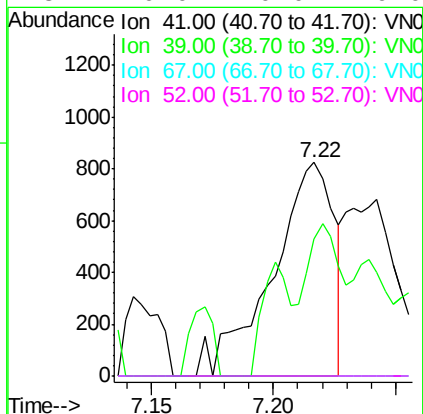
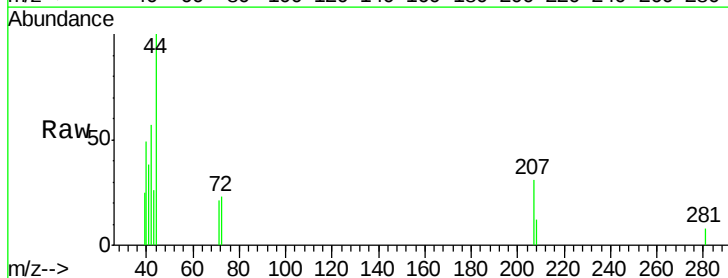
Instrument :
MSVOA_N
ClientSampleId :

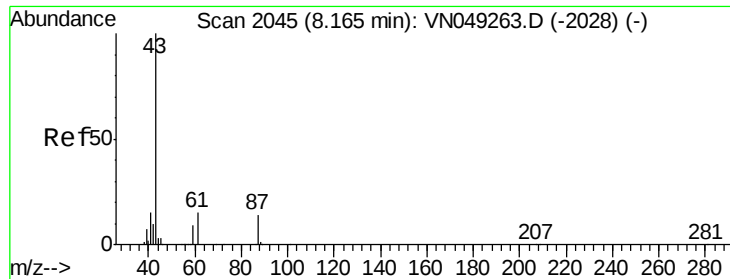
Tot Ion:117 Resp: 109533
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion: 41 Resp: 1445
Ion Ratio Lower Upper
41 100
39 16.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 15.644 ug/l

RT: 8.23 min Scan# 2064

Delta R.T. 0.06 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

ClientSampleId :

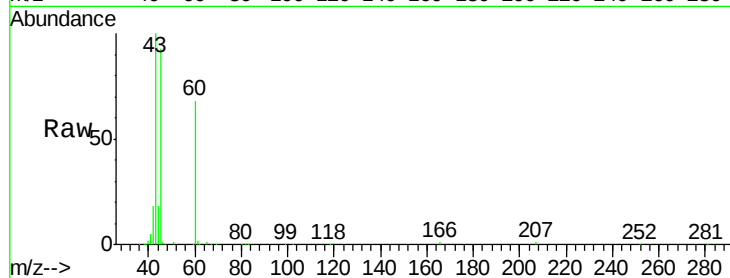
Tot Ion: 43 Resp: 350514

Ion Ratio Lower Upper

43 100

61 0.3 14.2 21.4#

87 0.0 9.4 14.0#



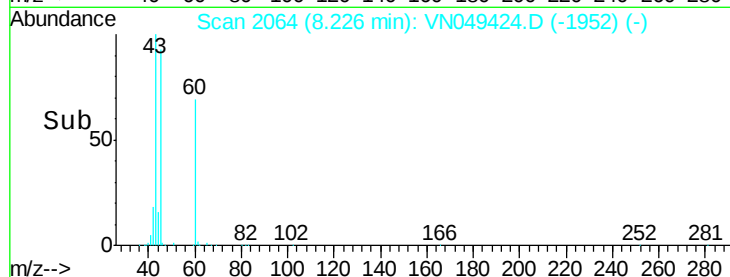
Abundance Ion 43.00 (42.70 to 43.70): VN049424.D (-2064) (-)

Ion 61.00 (60.70 to 61.70): VN049424.D (-2064) (-)

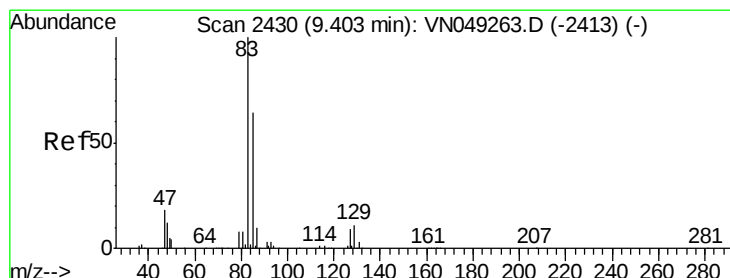
Ion 87.00 (86.70 to 87.70): VN049424.D (-2064) (-)

Time-->

8.23



Time-->



#47

Bromodichloromethane

Concen: 0.363 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

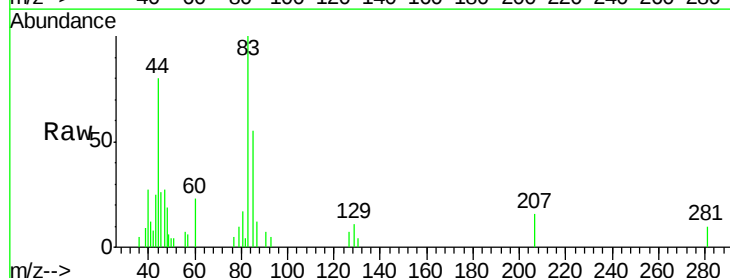
Tgt Ion: 83 Resp: 8020

Ion Ratio Lower Upper

83 100

85 55.2 49.4 74.0

127 7.2 6.3 9.5



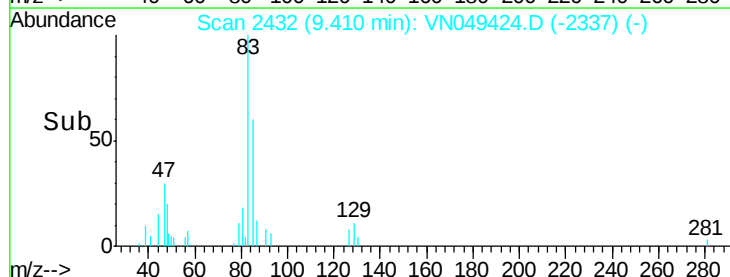
Abundance Ion 82.90 (82.60 to 83.60): VN049424.D (-2432) (-)

Ion 84.90 (84.60 to 85.60): VN049424.D (-2432) (-)

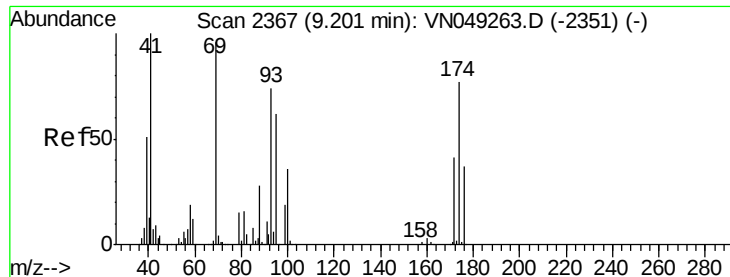
Ion 126.80 (126.50 to 127.50): VN049424.D (-2432) (-)

Time-->

9.41



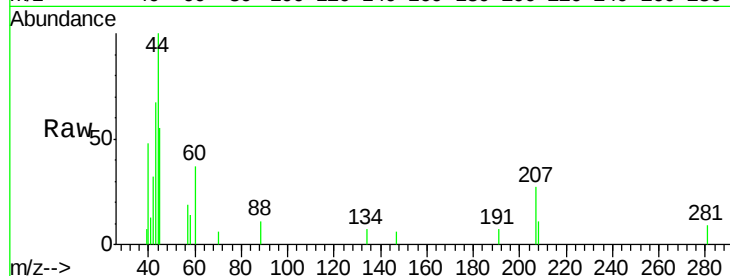
Time-->



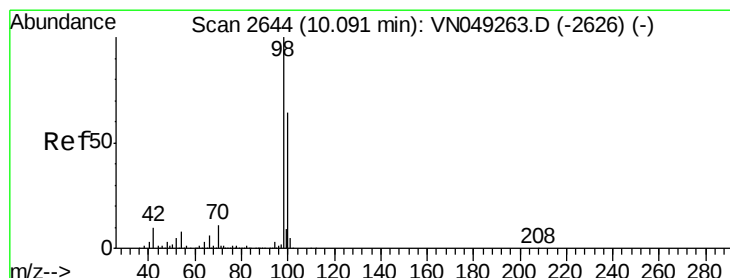
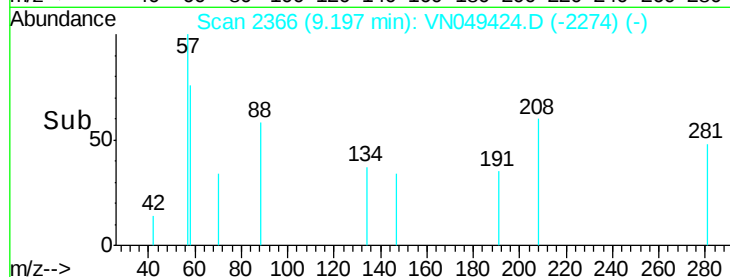
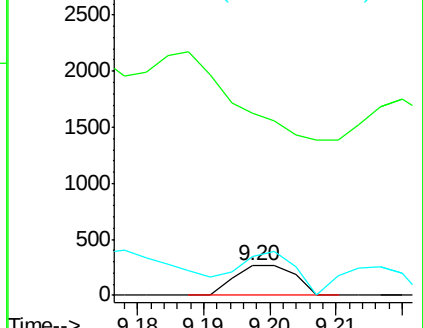
#49
1,4-Dioxane
Concen: 1.154 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 168
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 137.5 58.9 88.3#

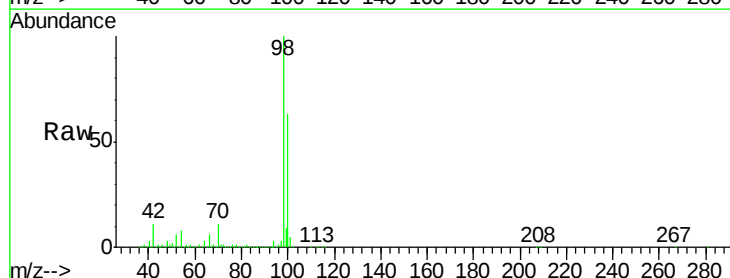


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

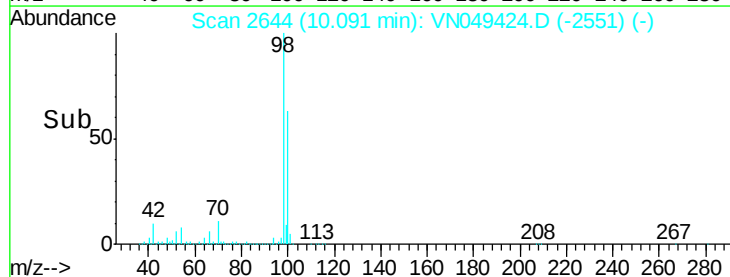
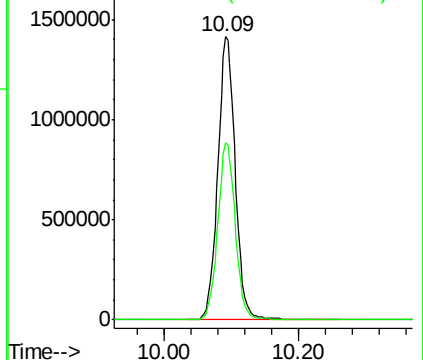


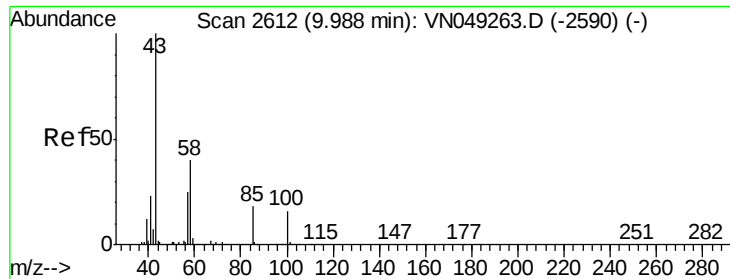
#50
Toluene-d8
Concen: 44.205 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion: 98 Resp: 2562947
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.406 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

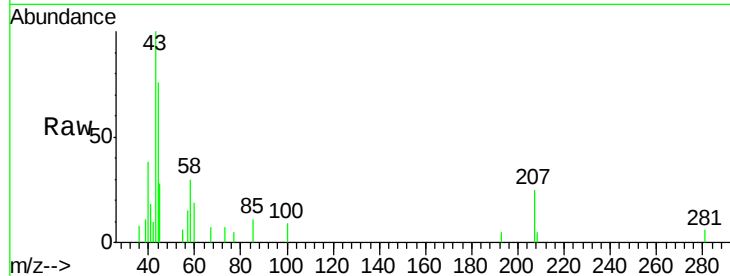
ClientSampleId :

Tot Ion: 43 Resp: 4773

Ion Ratio Lower Upper

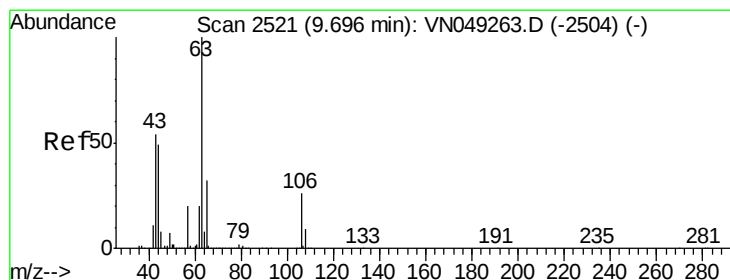
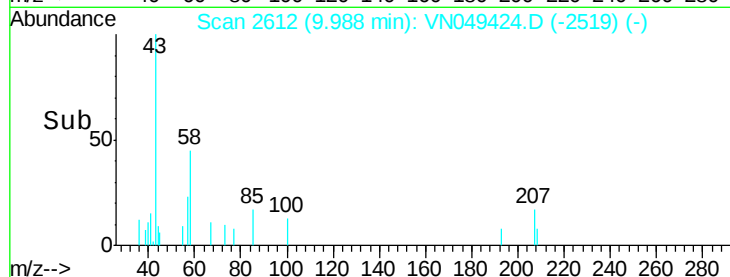
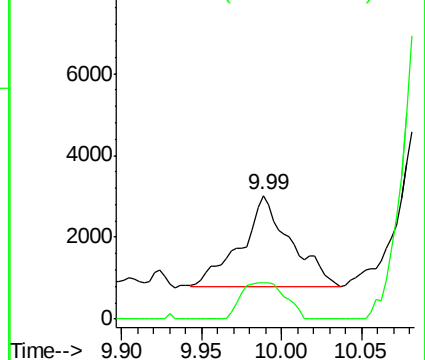
43 100

58 35.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 14.331 ug/l

RT: 9.67 min Scan# 2514

Delta R.T. -0.02 min

Lab File: VN049424.D

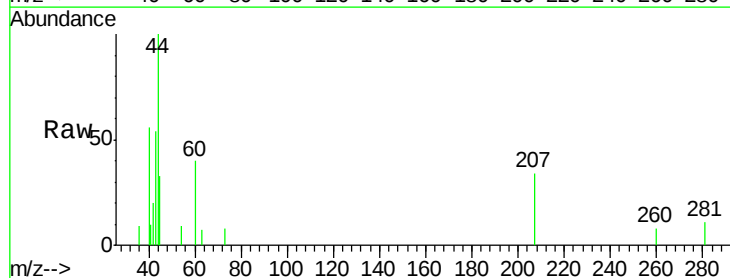
Acq: 20 Jun 2018 8:45

Tgt Ion: 63 Resp: 30

Ion Ratio Lower Upper

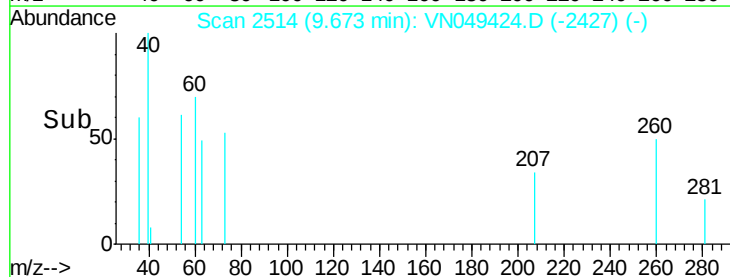
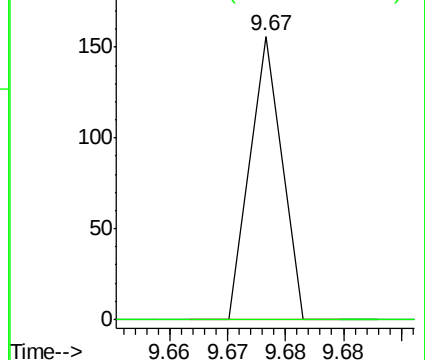
63 100

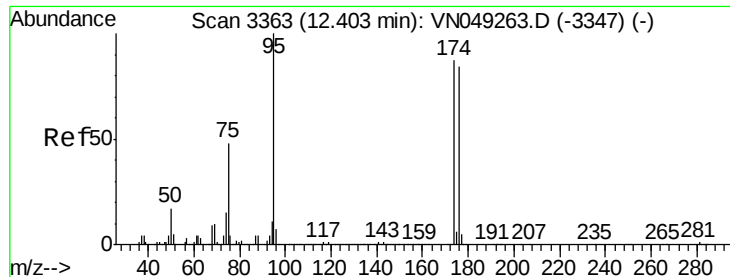
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 34.687 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

ClientSampleId :

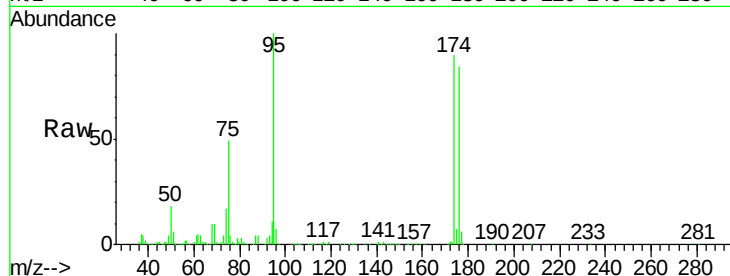
Tot Ion: 95 Resp: 664974

Ion Ratio Lower Upper

95 100

174 89.2 0.0 165.6

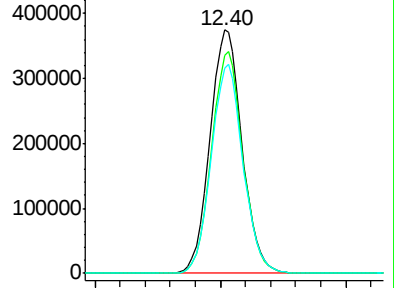
176 85.1 0.0 157.4



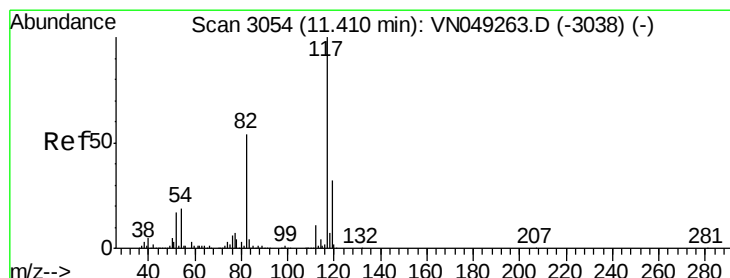
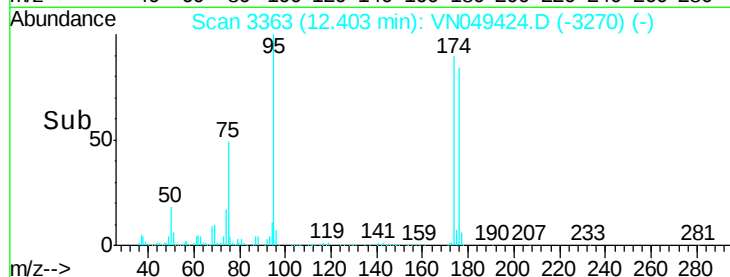
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

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

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



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

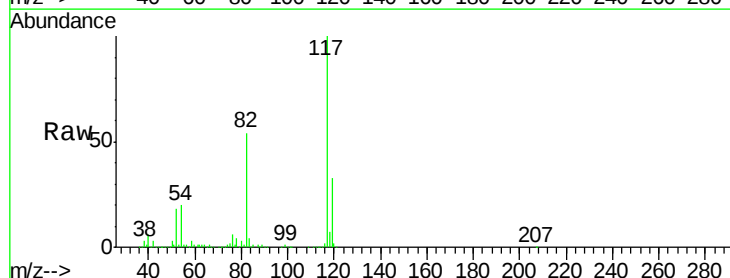
Tgt Ion: 117 Resp: 1531168

Ion Ratio Lower Upper

117 100

82 53.8 45.9 68.9

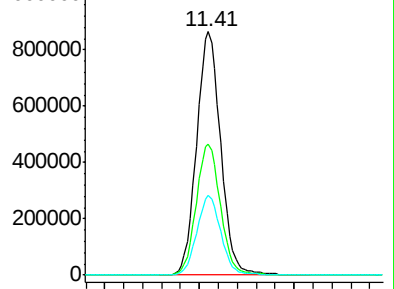
119 32.7 25.5 38.3



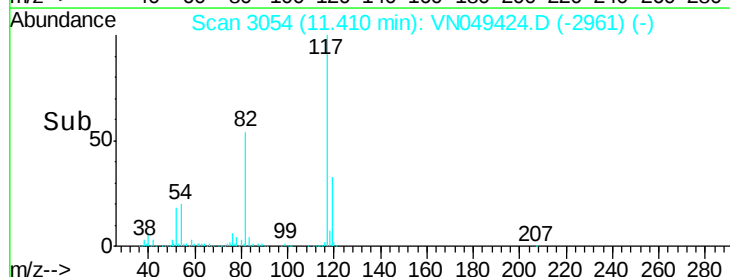
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

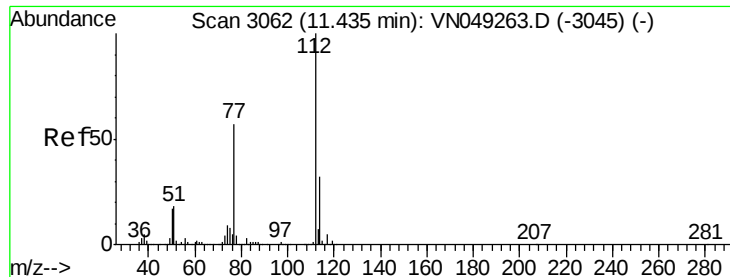
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

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



Time--> 11.30 11.40 11.50





#65

Chlorobenzene

Concen: 0.355 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

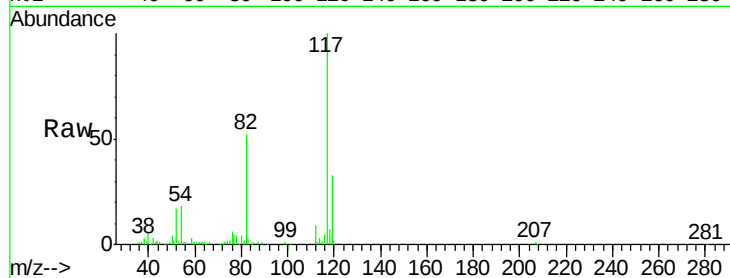
ClientSampled :

Tot Ion:112 Resp: 14019

Ion Ratio Lower Upper

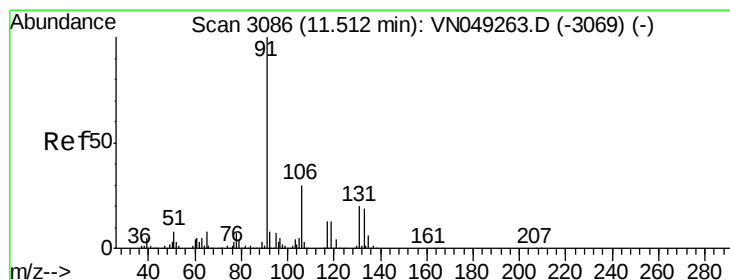
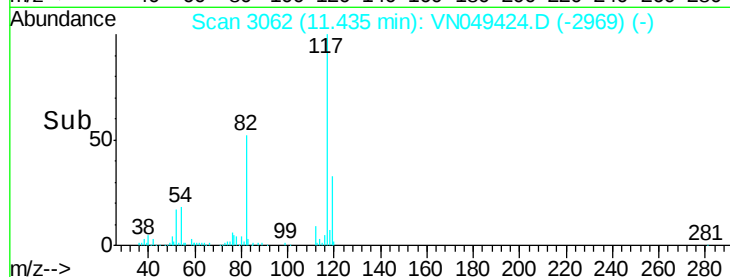
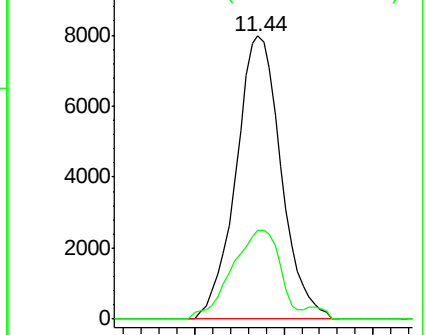
112 100

114 31.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.290 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049424.D

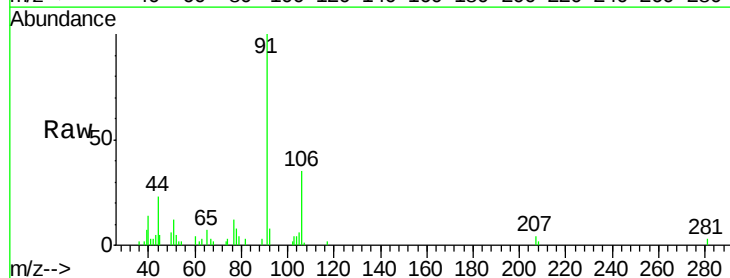
Acq: 20 Jun 2018 8:45

Tgt Ion: 91 Resp: 18979

Ion Ratio Lower Upper

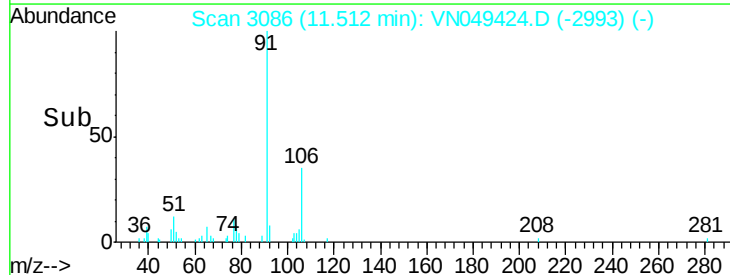
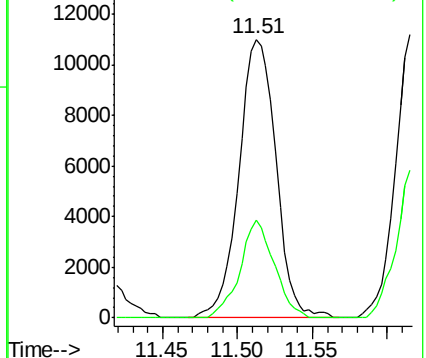
91 100

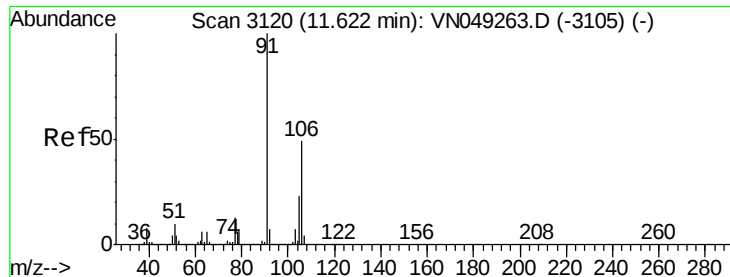
106 34.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

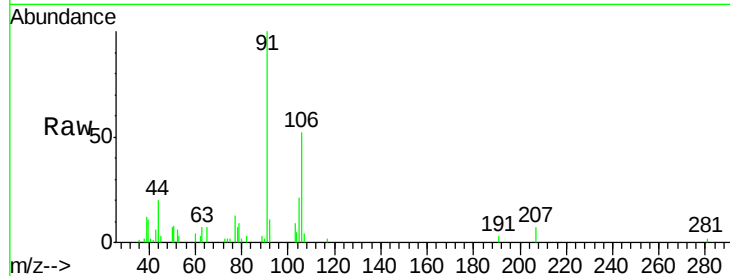




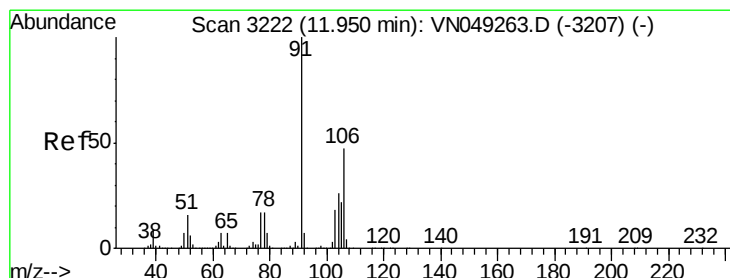
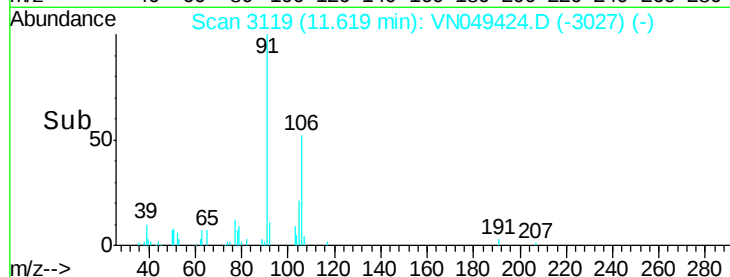
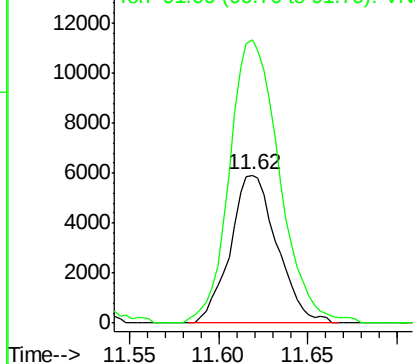
#68
m/p-Xylenes
Concen: 0.439 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 10784
Ion Ratio Lower Upper
106 100
91 204.7 167.3 250.9

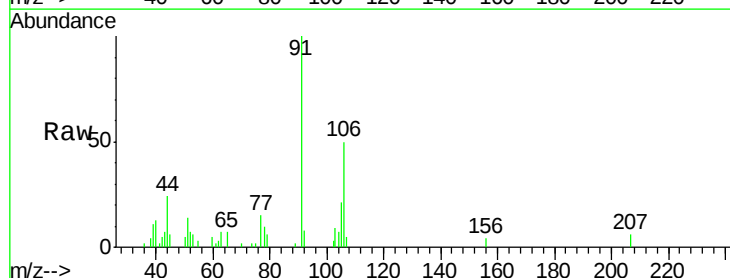


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

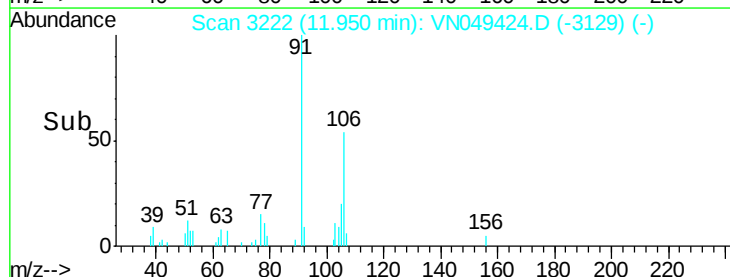
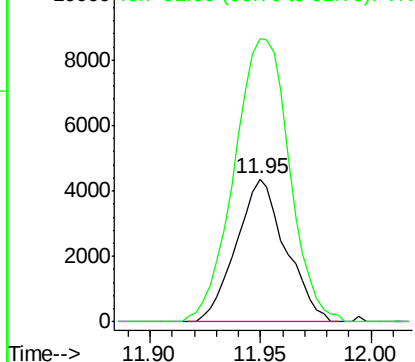


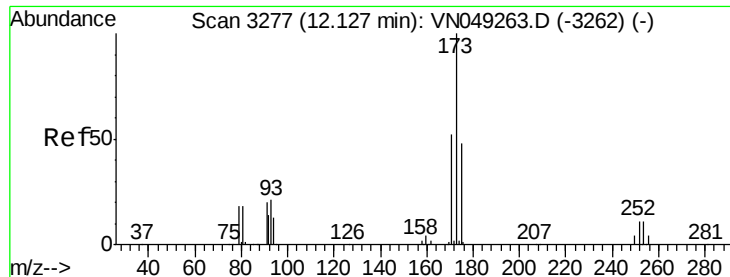
#69
o-Xylene
Concen: 0.287 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion:106 Resp: 6778
Ion Ratio Lower Upper
106 100
91 221.6 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

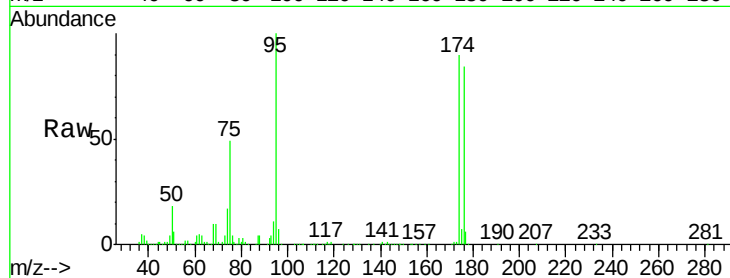




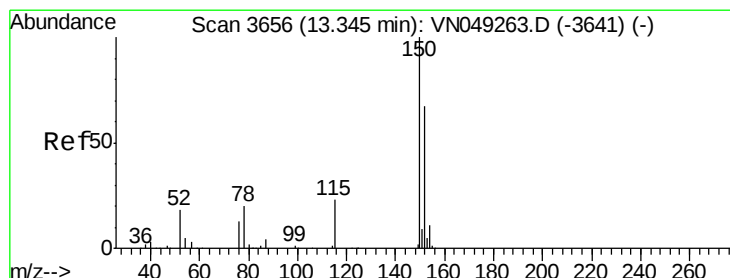
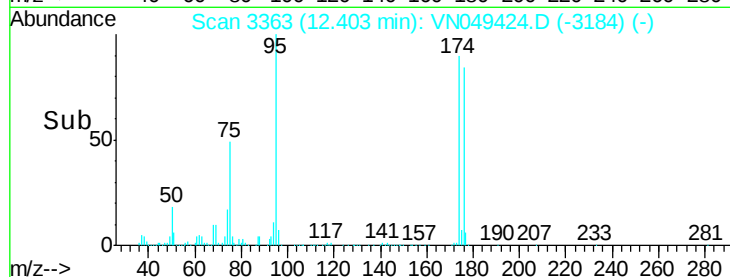
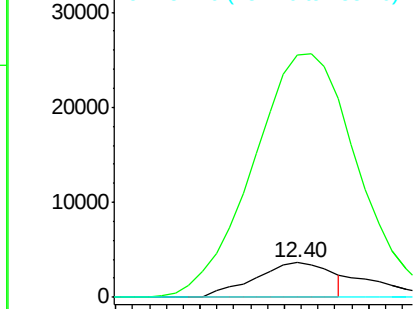
#71
Bromoform
Concen: 0.477 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 4582
Ion Ratio Lower Upper
173 100
175 766.9 24.5 73.5#
254 0.0 0.1 0.1#

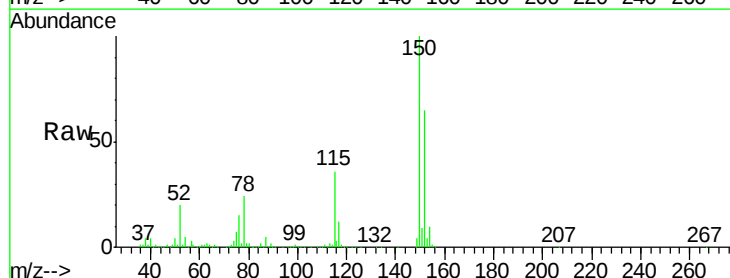


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

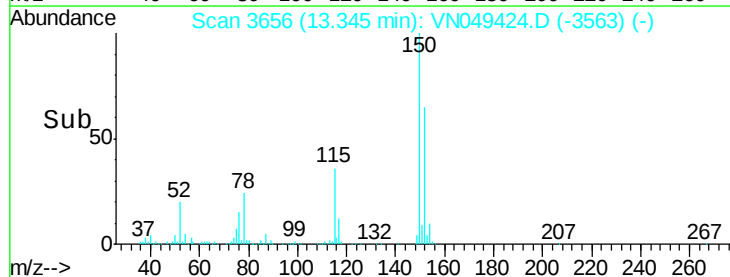
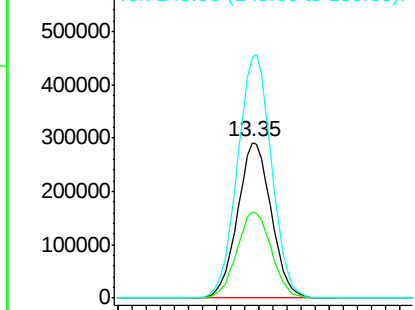


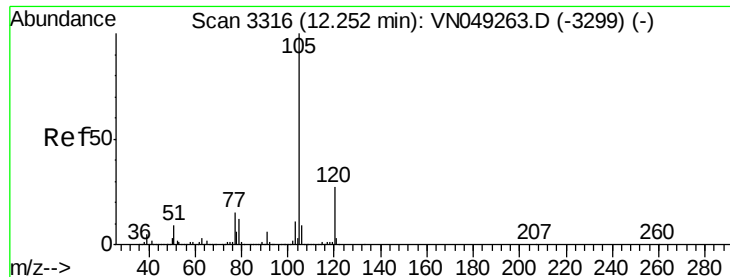
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion:152 Resp: 488808
Ion Ratio Lower Upper
152 100
115 56.8 28.7 86.1
150 157.7 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





#73

Isopropylbenzene

Concen: 0.210 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

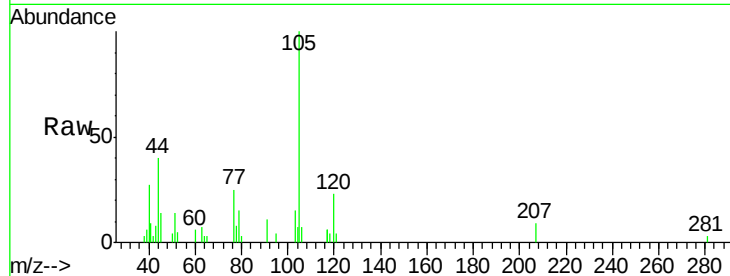
ClientSampleId :

Tot Ion: 105 Resp: 9031

Ion Ratio Lower Upper

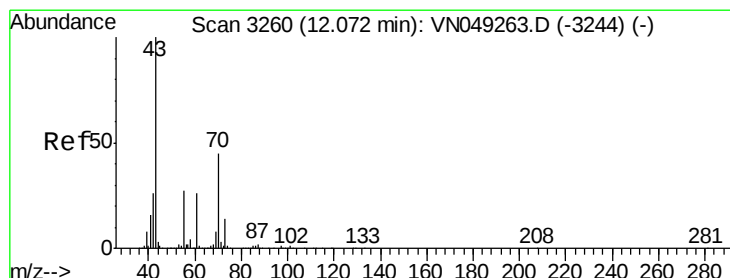
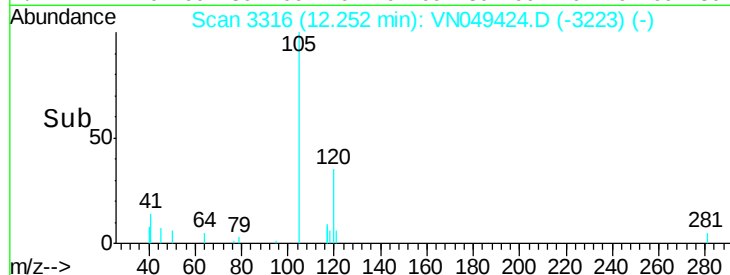
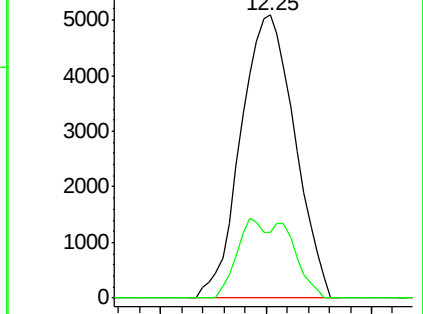
105 100

120 14.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.249 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Tgt Ion: 43 Resp: 2616

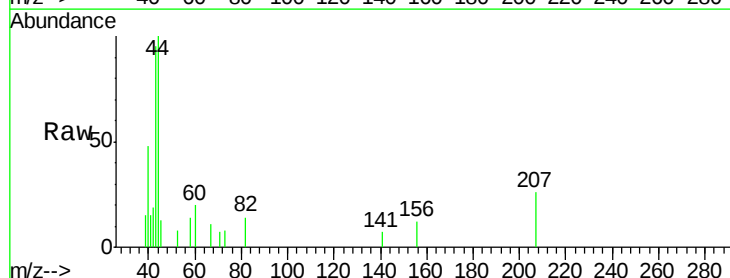
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 4.1 19.4 29.2#

61 0.0 17.8 26.6#

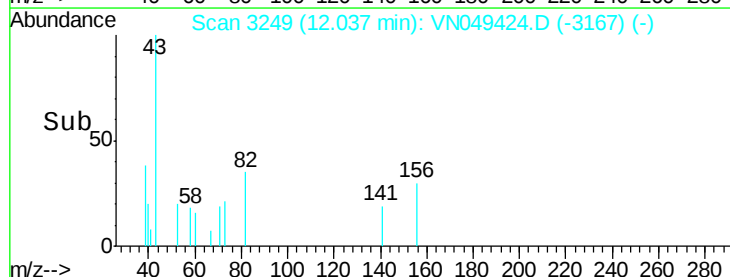
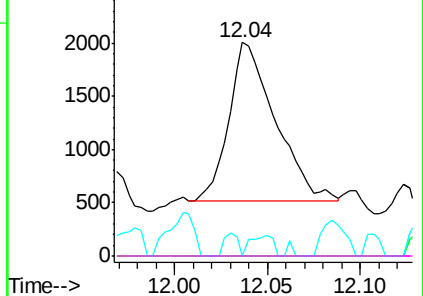


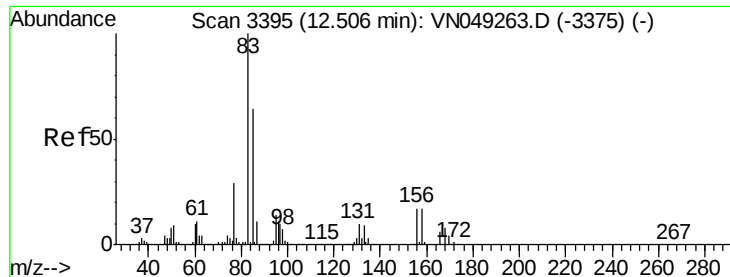
Abundance Ion 43.00 (42.70 to 43.70): V

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# 3395

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

ClientSampled :

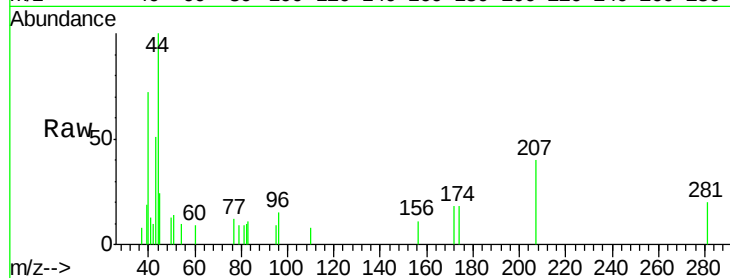
Tot Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

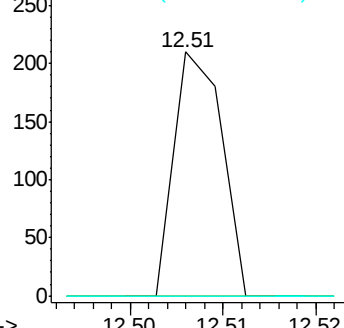
85 0.0 32.0 96.0#



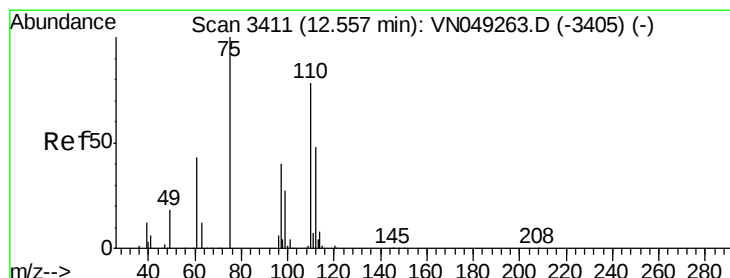
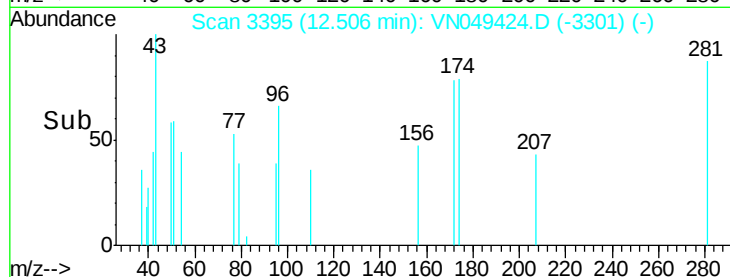
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 38.409 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049424.D

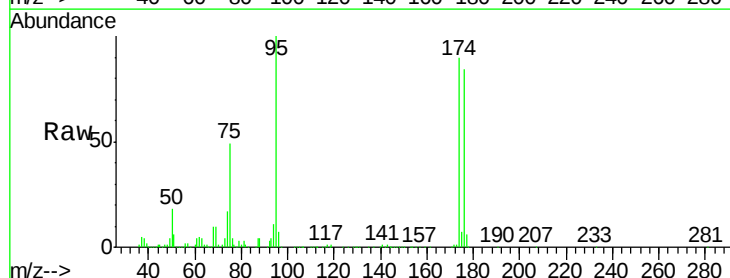
Acq: 20 Jun 2018 8:45

Tgt Ion: 75 Resp: 320340

Ion Ratio Lower Upper

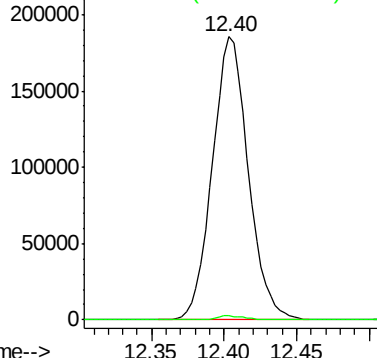
75 100

77 1.3 0.0 0.0#

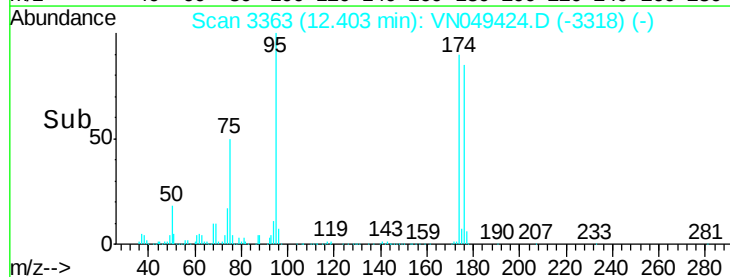


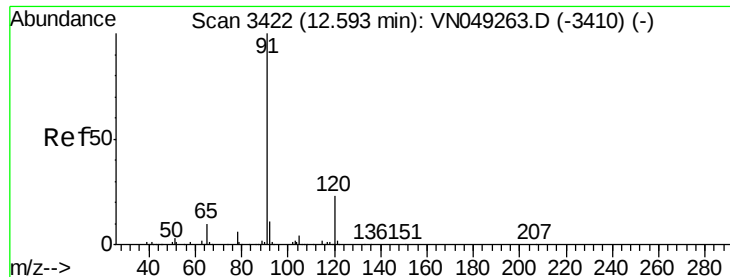
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#78

n-propylbenzene

Concen: 0.443 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

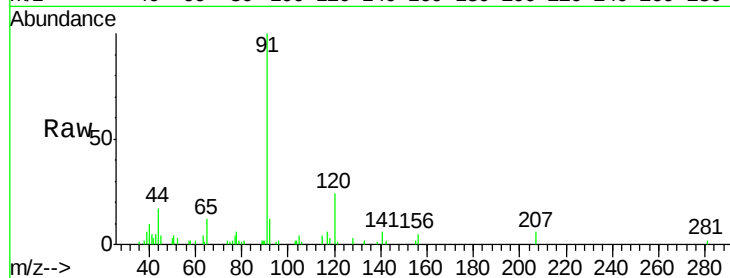
ClientSampled :

Tot Ion: 91 Resp: 20882

Ion Ratio Lower Upper

91 100

120 23.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3410) (-)

12.59

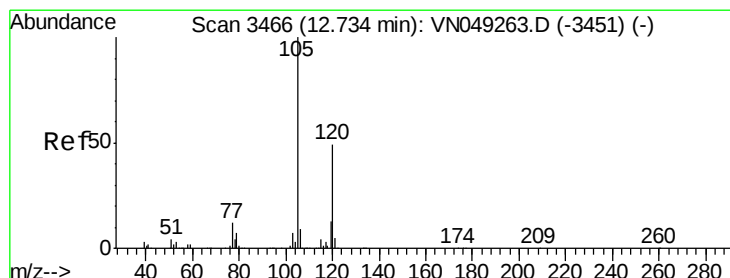
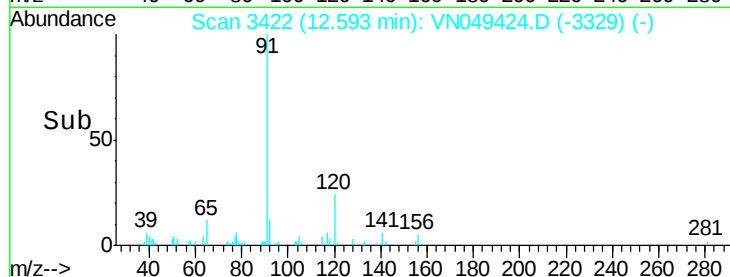
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.261 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049424.D

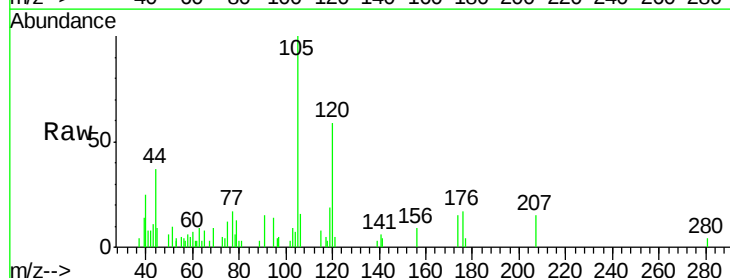
Acq: 20 Jun 2018 8:45

Tgt Ion: 105 Resp: 8820

Ion Ratio Lower Upper

105 100

120 62.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)

12.73

6000

5000

4000

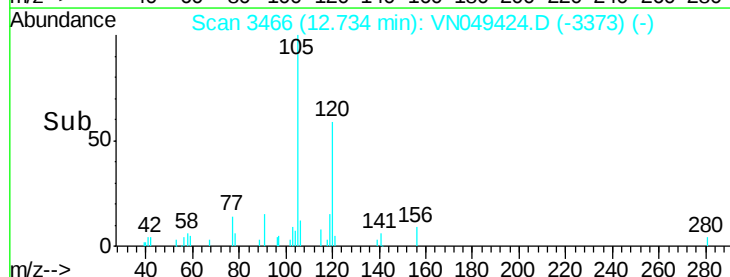
3000

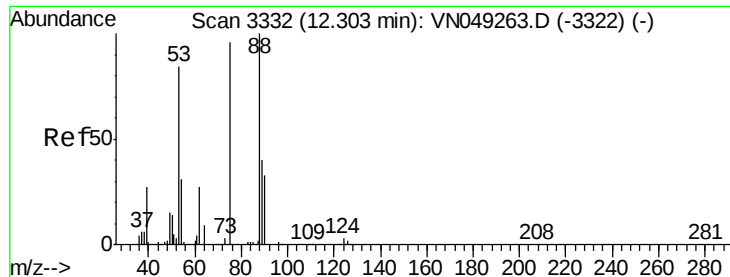
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 121.392 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

ClientSampleId :

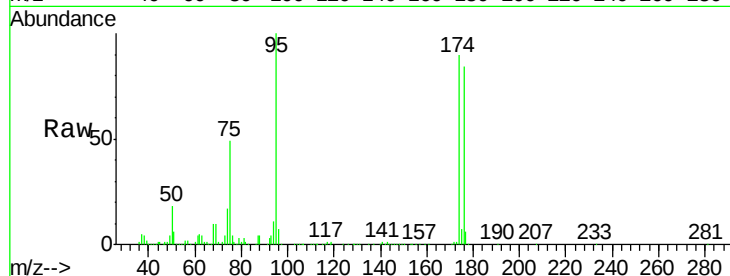
Tot Ion: 75 Resp: 320340

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

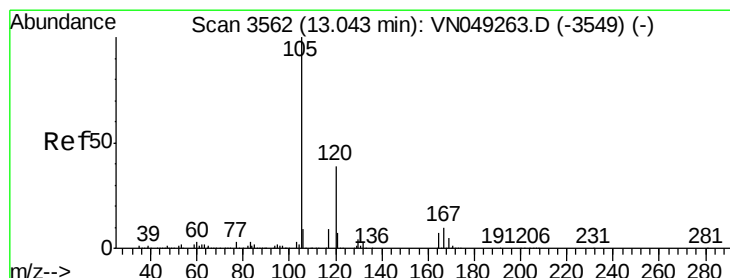
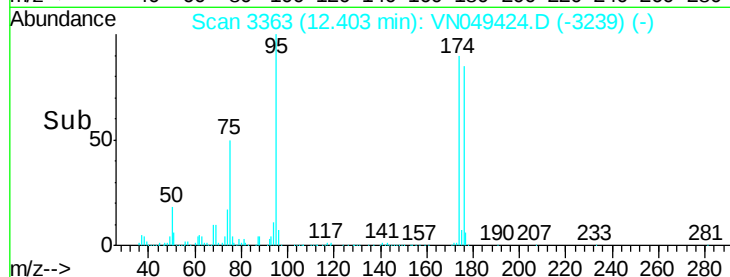
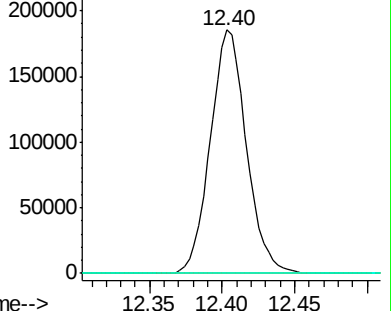
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-3322) (-)

Ion 53.00 (52.70 to 53.70): VN049263.D (-3322) (-)

Ion 88.90 (88.60 to 89.60): VN049263.D (-3322) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.847 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049424.D

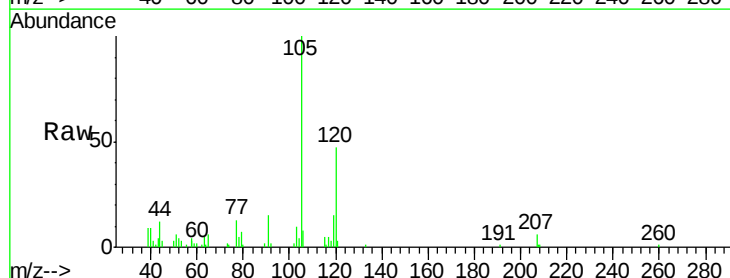
Acq: 20 Jun 2018 8:45

Tgt Ion: 105 Resp: 28381

Ion Ratio Lower Upper

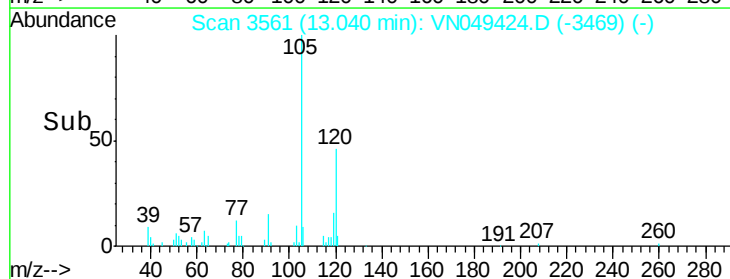
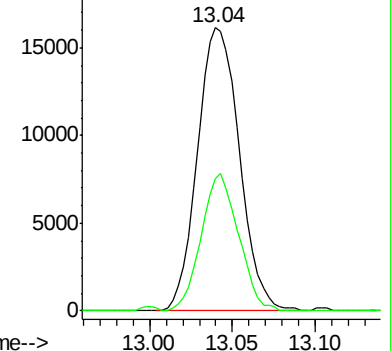
105 100

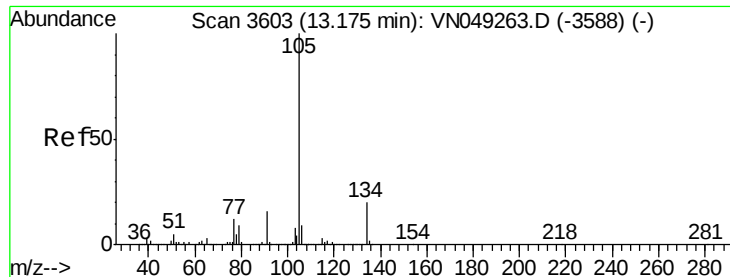
120 43.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3549) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3549) (-)





#85

sec-Butylbenzene

Concen: 0.272 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

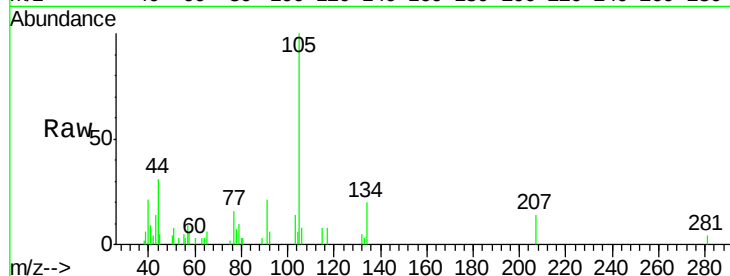
ClientSampleId :

Tot Ion:105 Resp: 10823

Ion Ratio Lower Upper

105 100

134 28.3 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

6000

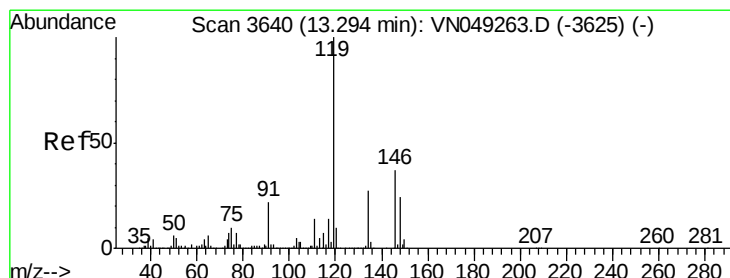
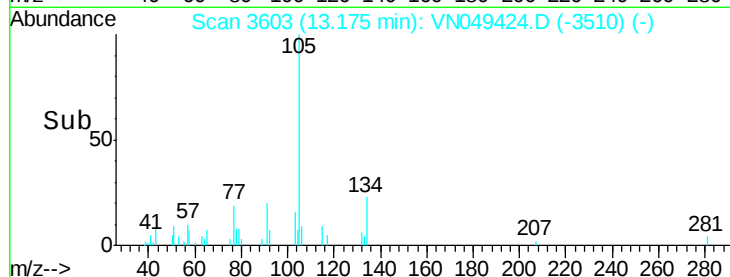
4000

2000

0

13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 0.214 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

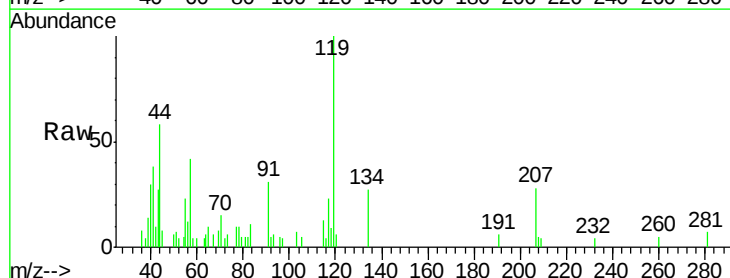
Tgt Ion:119 Resp: 7117

Ion Ratio Lower Upper

119 100

134 31.3 12.9 38.6

91 35.4 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12000

10000

8000

6000

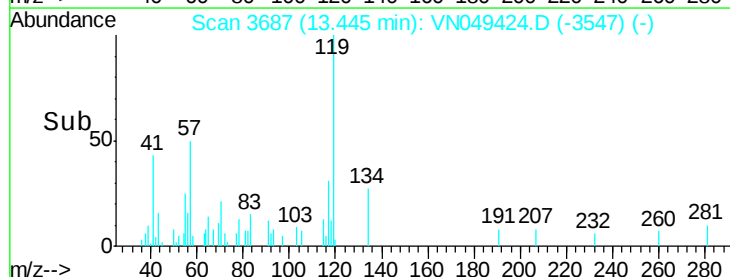
4000

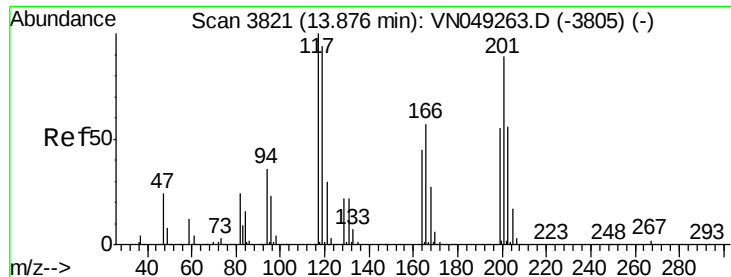
2000

0

13.40 13.45 13.50

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

Instrument :

MSVOA_N

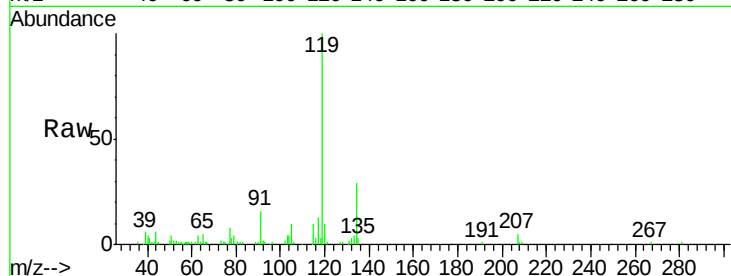
ClientSampled :

Tot Ion:117 Resp: 7877

Ion Ratio Lower Upper

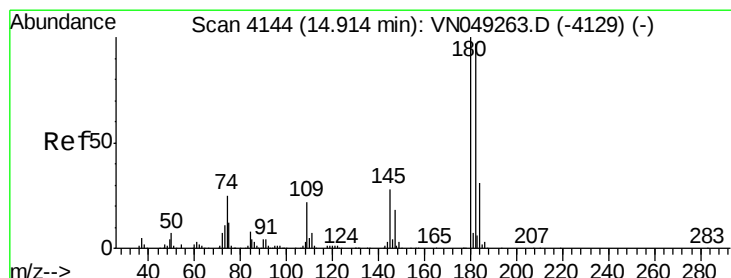
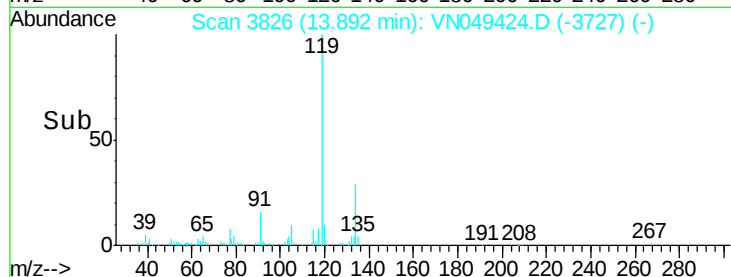
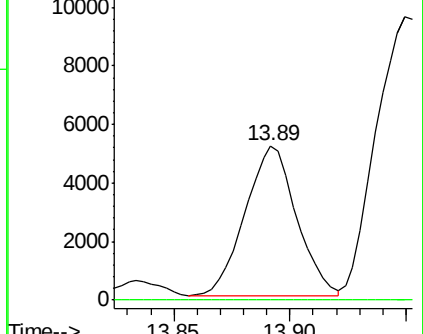
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 4.847 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049424.D

Acq: 20 Jun 2018 8:45

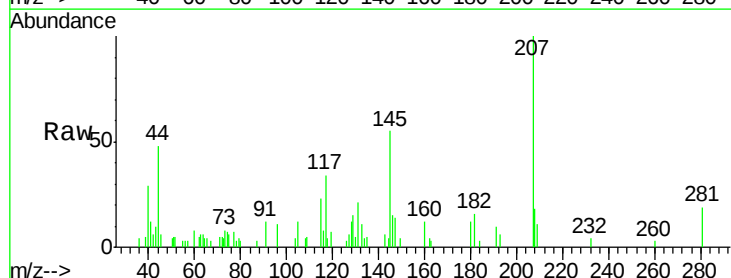
Tgt Ion:180 Resp: 970

Ion Ratio Lower Upper

180 100

182 124.9 46.9 140.8

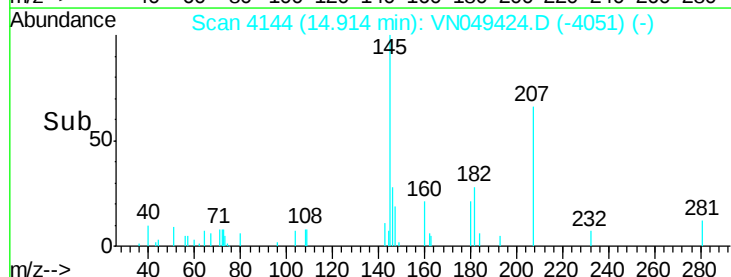
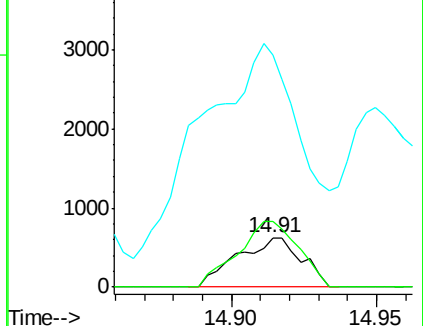
145 755.9 14.7 44.1#

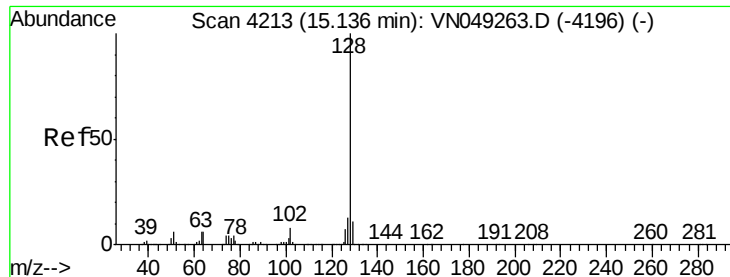


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

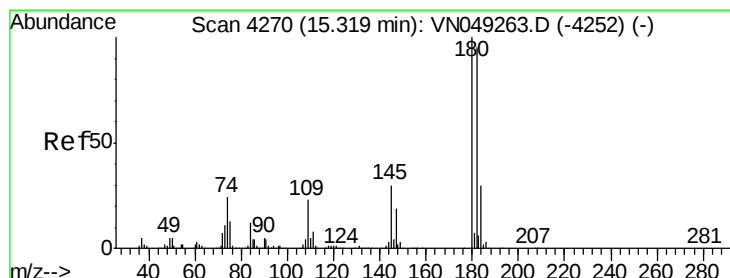
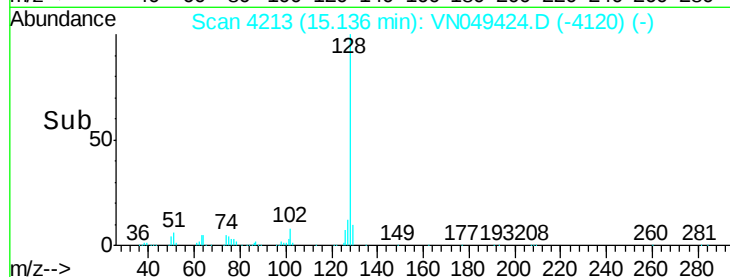
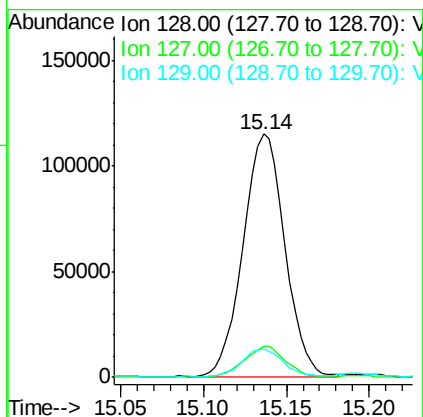
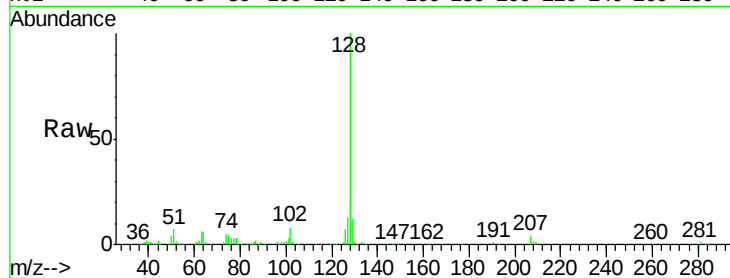




#95
Naphthalene
Concen: 16.292 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 200635
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.497 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN049424.D
Acq: 20 Jun 2018 8:45

Tgt Ion:180 Resp: 346
Ion Ratio Lower Upper
180 100
182 74.3 47.3 141.8
145 1818.5 15.6 46.7#

