

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049527.D
 Acq On : 25 Jun 2018 22:21
 Operator : MD\SY
 Sample : J3524-03MEDL
 Misc : 5.02g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-3(D)MEDL

Quant Time: Jun 26 01:44:24 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	1077226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1714736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1478132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	589281	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	733941	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	651303	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	2357193	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	
62) 4-Bromofluorobenzene	12.40	95	684094	39.17	ug/l	0.00
Spiked Amount			Recovery	=	78.34%	

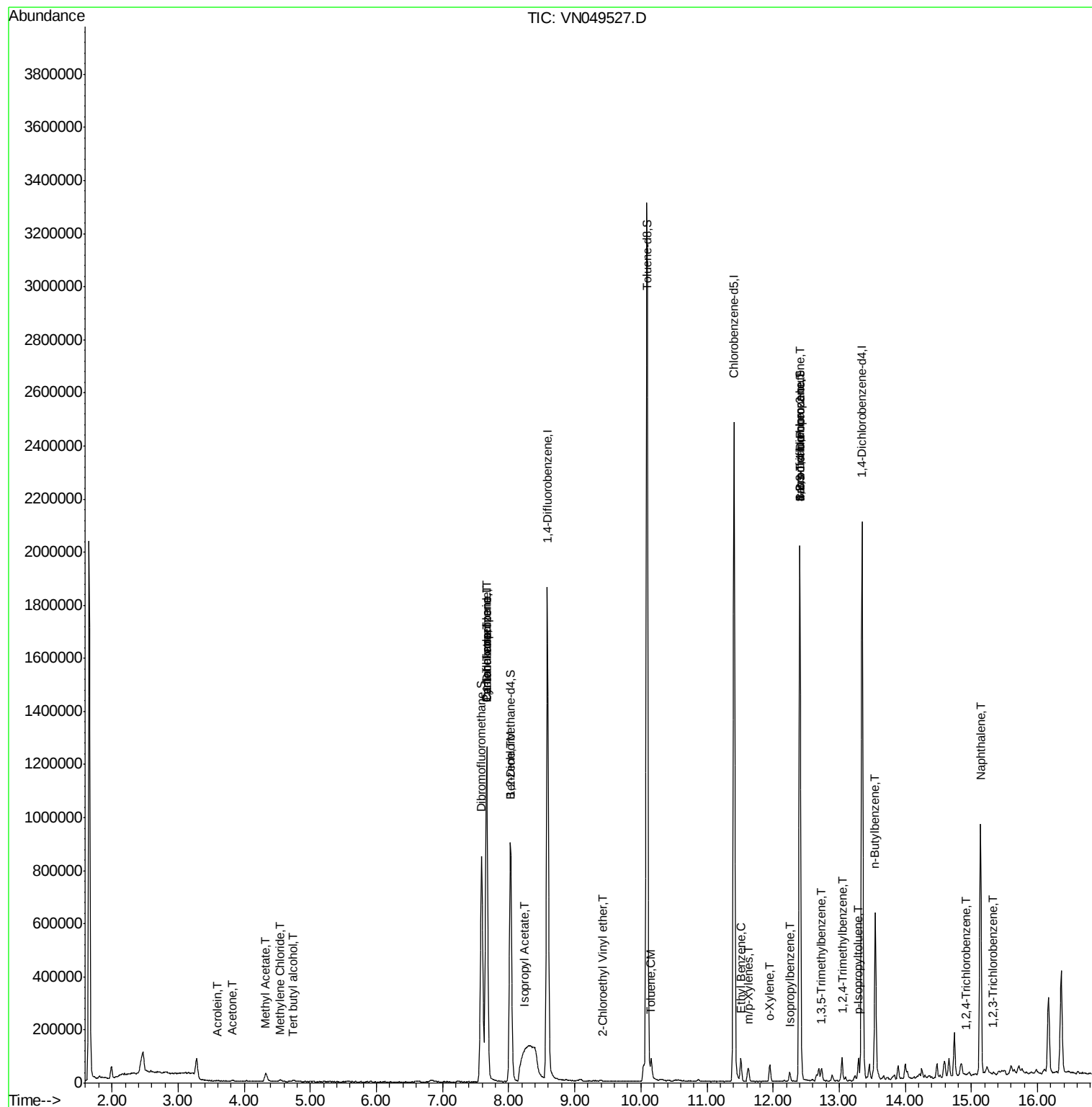
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	569	0.68	ug/l #	70
13) Acrolein	3.60	56	414	0.47	ug/l	92
16) Acetone	3.82	43	4971	1.43	ug/l	96
18) Methyl Acetate	4.33	43	58849	5.56	ug/l #	78
20) Methylene Chloride	4.55	84	4430	0.31	ug/l #	73
31) Cyclohexane	7.66	56	21919	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	78026	3.97	ug/l #	51
38) Carbon Tetrachloride	7.67	117	101508	4.99	ug/l #	18
40) Benzene	8.04	78	65258	1.08	ug/l	99
43) Isopropyl Acetate	8.22	43	116616	5.71	ug/l #	64
52) Toluene	10.16	92	26904	0.76	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.43	63	33	14.33	ug/l #	51
67) Ethyl Benzene	11.51	91	59778	0.95	ug/l	97
68) m/p-Xylenes	11.62	106	16480	0.70	ug/l	93
69) o-Xylene	11.95	106	15533	0.68	ug/l	98
71) Bromoform	12.40	173	5240	0.56	ug/l #	1
73) Isopropylbenzene	12.25	105	12410	0.24	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.52	83	110	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	333295	33.15	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	18413	0.45	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	333295	104.77	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	47306	1.17	ug/l	99
86) p-Isopropyltoluene	13.29	119	42141	1.05	ug/l	96
89) n-Butylbenzene	13.54	91	47747	1.53	ug/l #	47
90) Hexachloroethane	13.90	117	3785	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	525	4.79	ug/l #	56
94) Hexachlorobutadiene	15.03	225	164	Below	Cal #	43
95) Naphthalene	15.14	128	824106	46.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	633	3.52	ug/l #	42

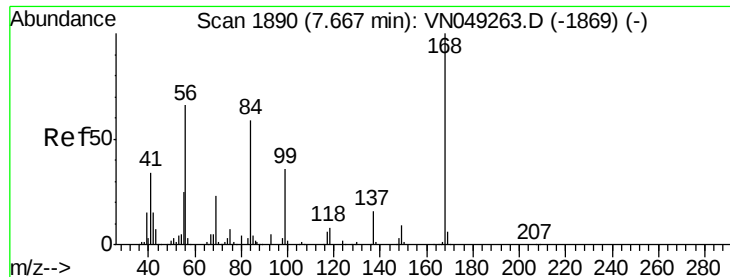
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

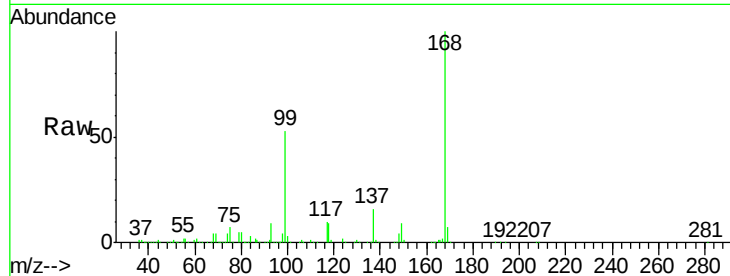
AREA-3(D)MEDL

Tot Ion:168 Resp: 1077226

Ion Ratio Lower Upper

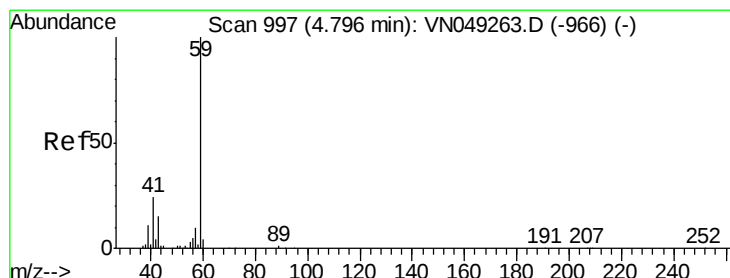
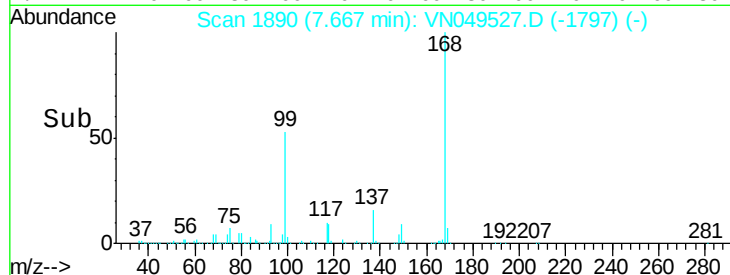
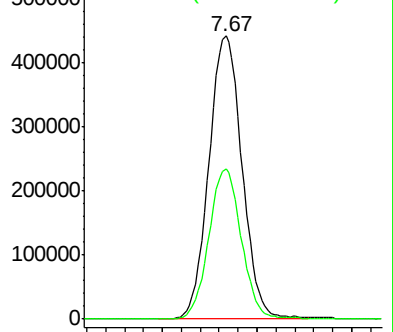
168 100

99 53.0 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: 0.68 ug/l

RT: 4.73 min Scan# 977

Delta R.T. -0.06 min

Lab File: VN049527.D

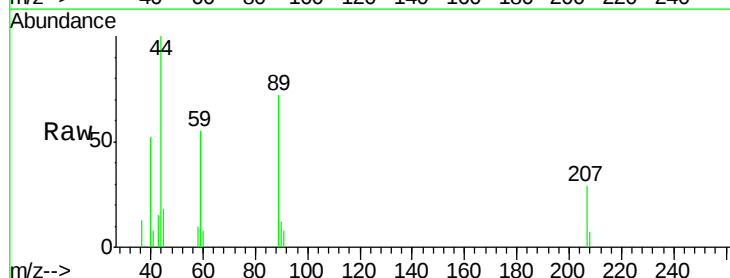
Acq: 25 Jun 2018 22:21

Tgt Ion: 59 Resp: 569

Ion Ratio Lower Upper

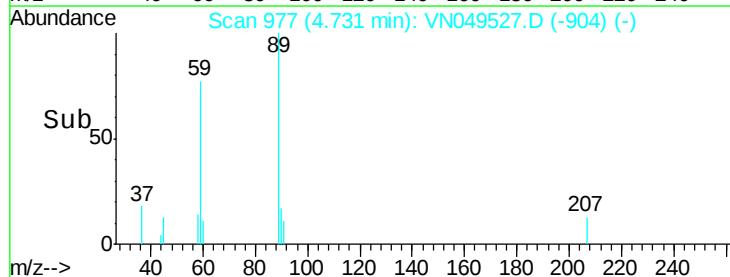
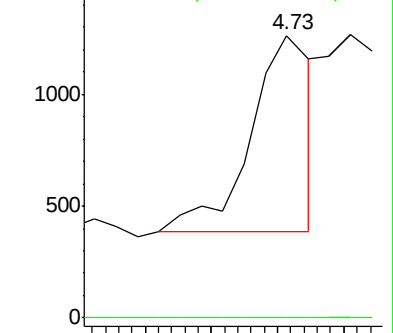
59 100

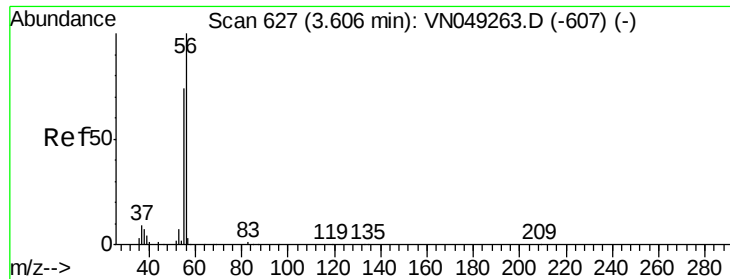
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.47 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

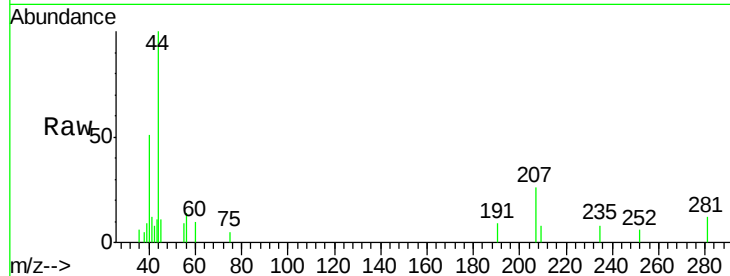
AREA-3(D)MEDL

Tot Ion: 56 Resp: 414

Ion Ratio Lower Upper

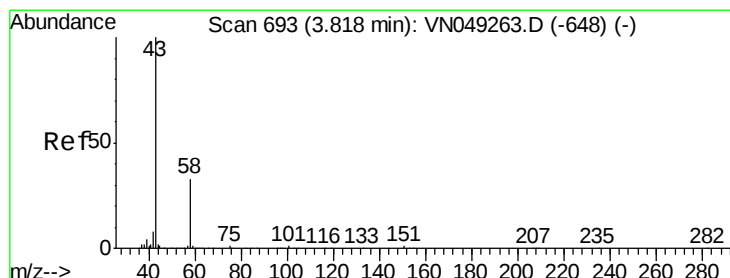
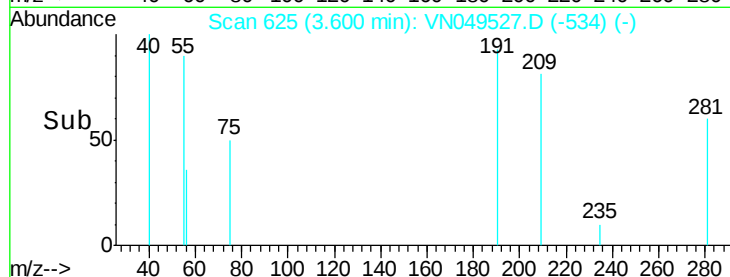
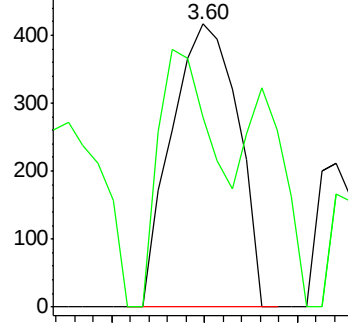
56 100

55 78.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 1.43 ug/l

RT: 3.82 min Scan# 692

Delta R.T. -0.00 min

Lab File: VN049527.D

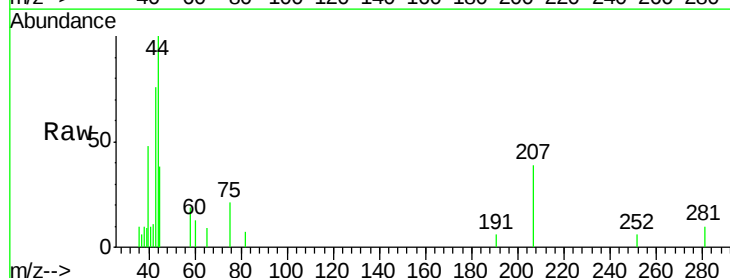
Acq: 25 Jun 2018 22:21

Tgt Ion: 43 Resp: 4971

Ion Ratio Lower Upper

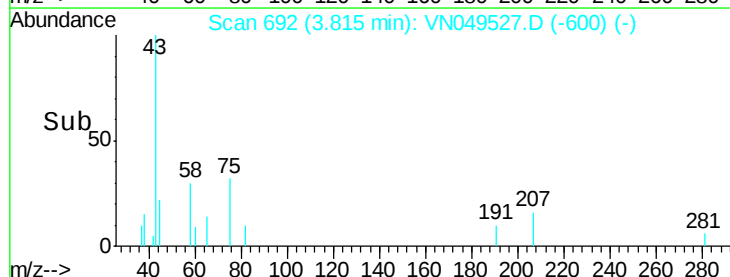
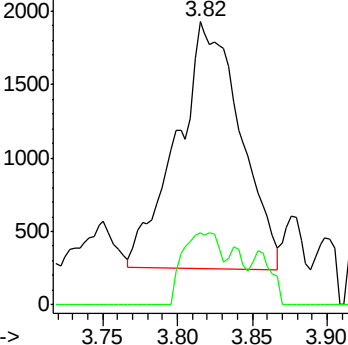
43 100

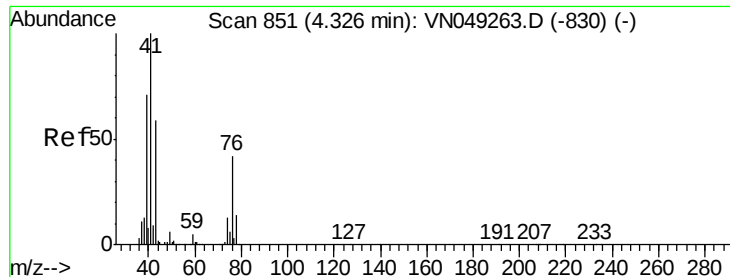
58 30.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

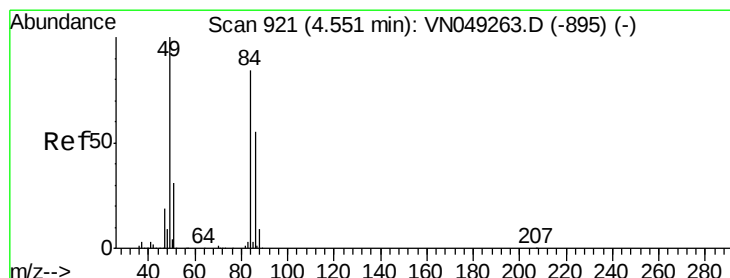
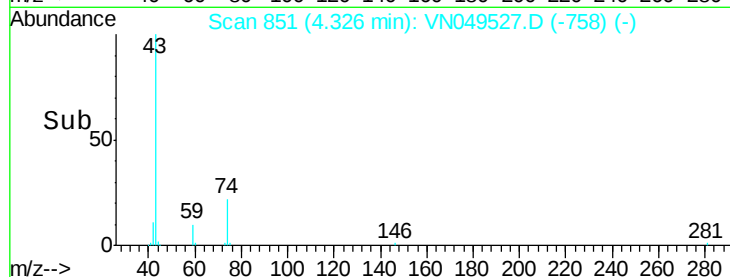
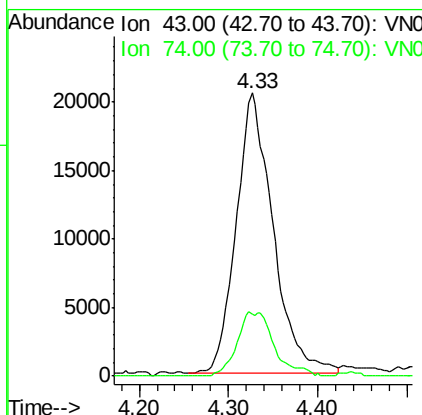
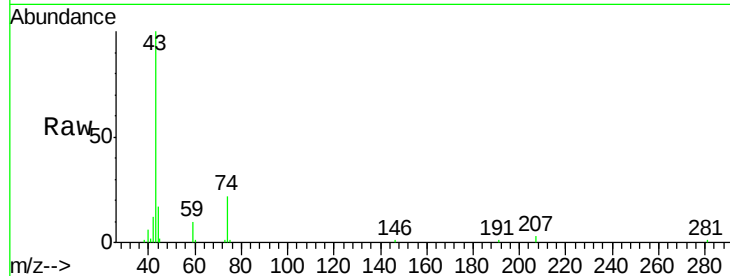




#18
Methyl Acetate
Concen: 5.56 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

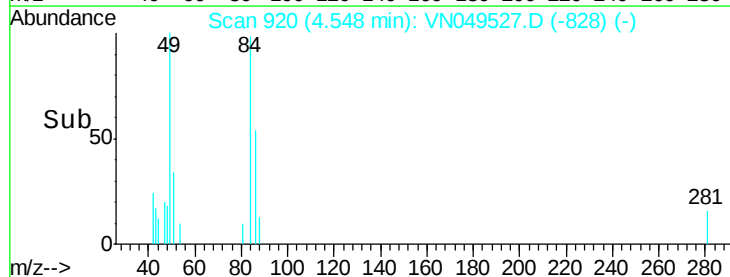
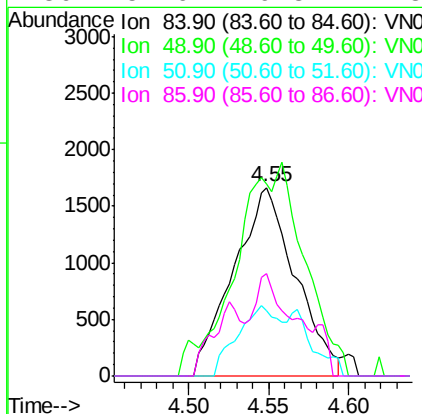
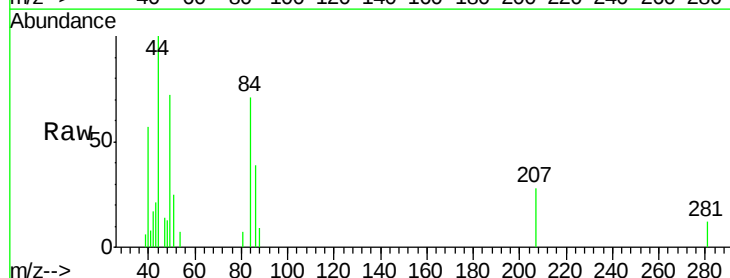
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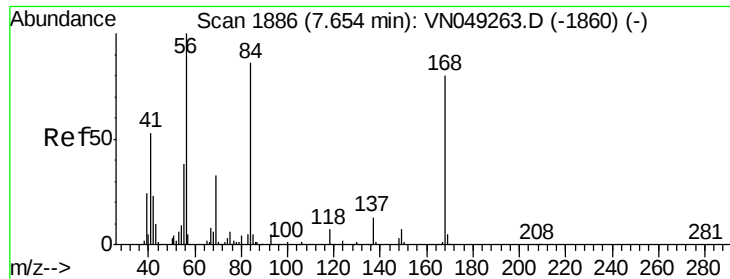
Tot Ion: 43 Resp: 58849
Ion Ratio Lower Upper
43 100
74 11.2 17.4 26.0#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Tgt Ion: 84 Resp: 4430
Ion Ratio Lower Upper
84 100
49 85.5 106.9 160.3#
51 34.7 32.7 49.1
86 54.6 49.8 74.8

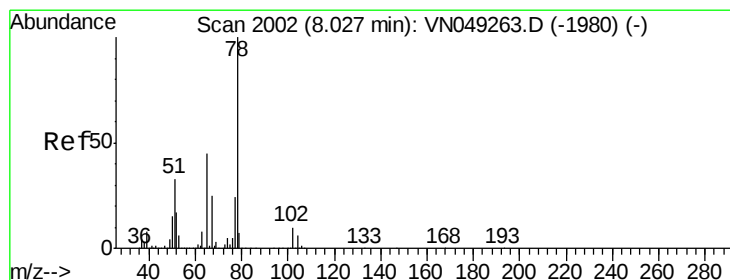
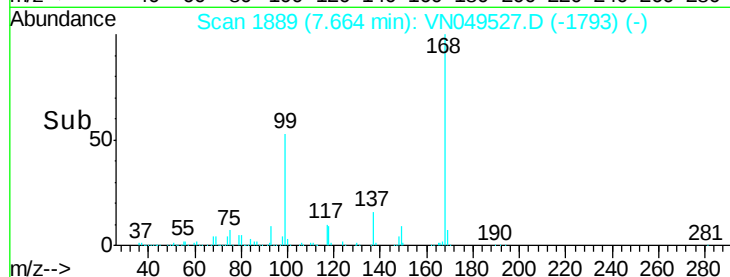
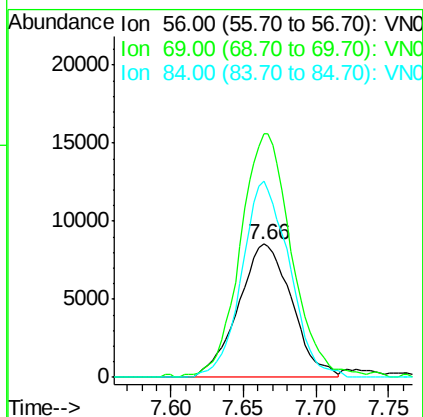
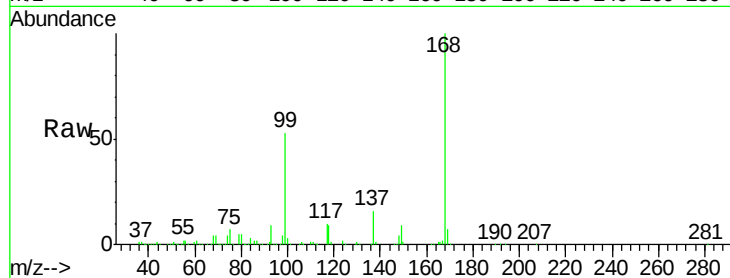




#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

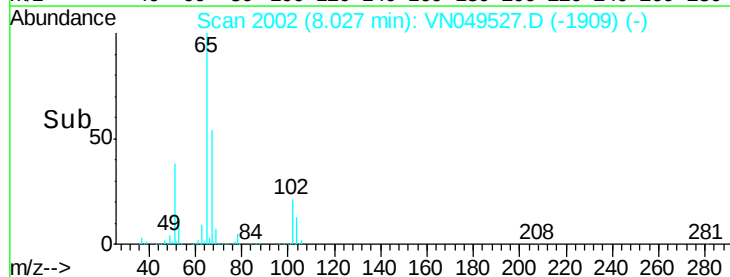
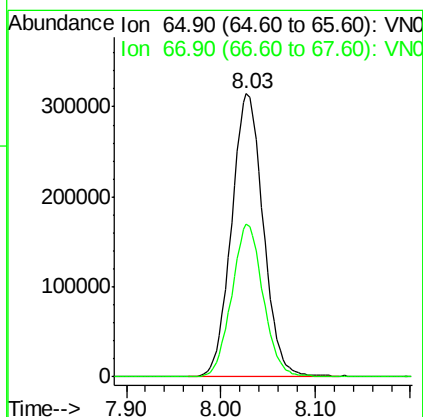
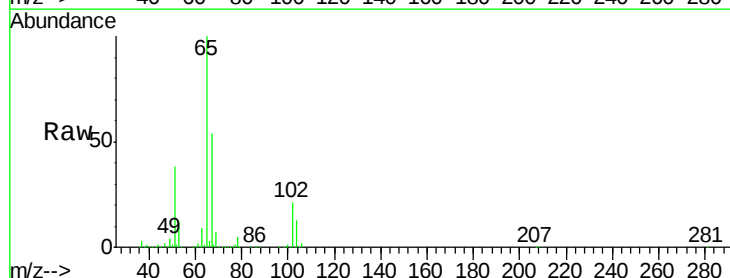
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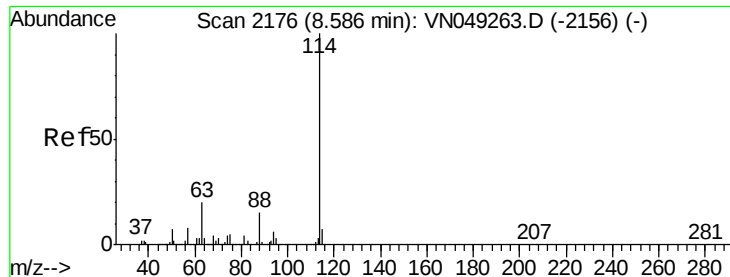
Tot Ion: 56 Resp: 21919
Ion Ratio Lower Upper
56 100
69 180.6 25.0 37.4#
84 147.1 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Tgt Ion: 65 Resp: 733941
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8

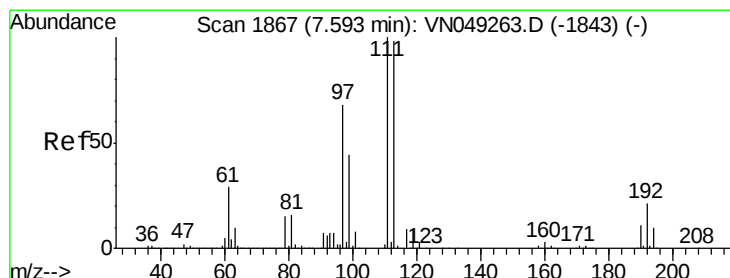
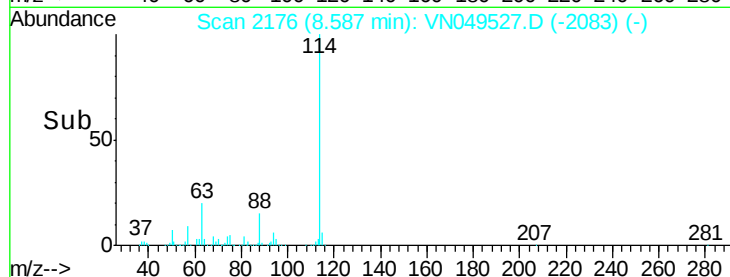
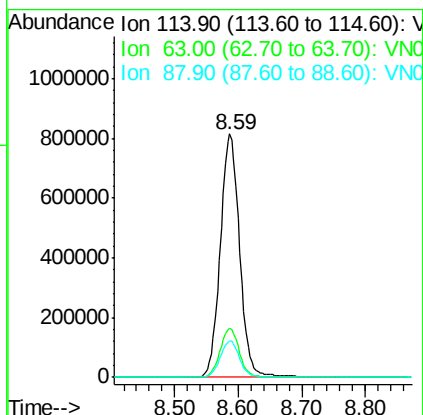
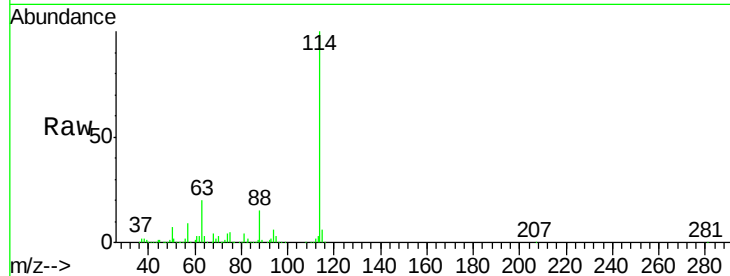




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049527.D
 Acq: 25 Jun 2018 22:21

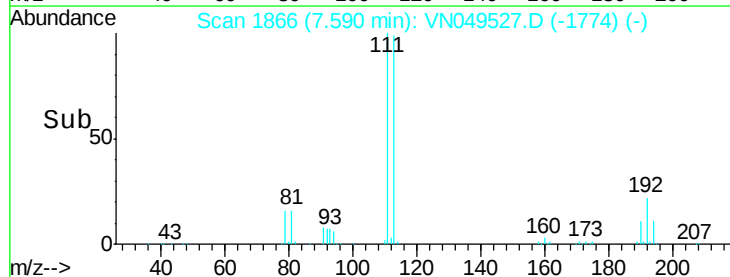
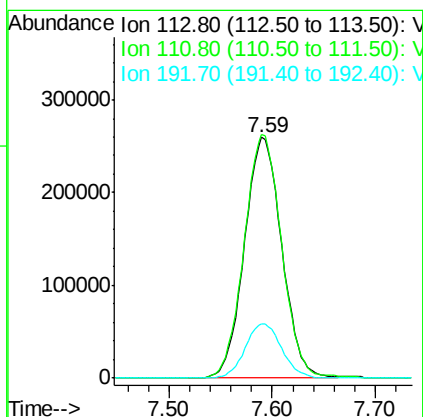
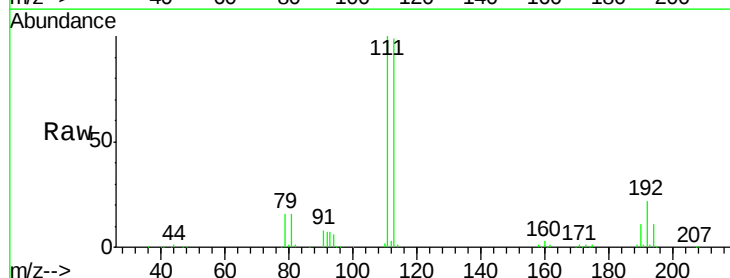
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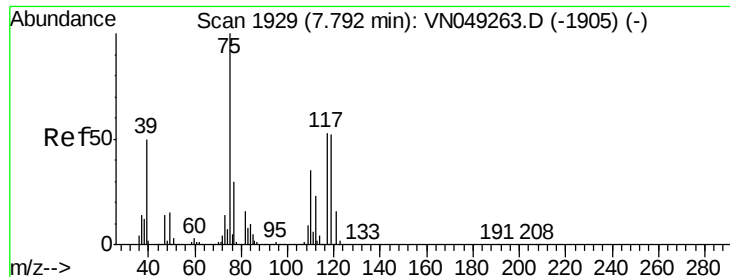
Tot Ion:114 Resp: 1714736
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.4
 88 15.1 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.95 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049527.D
 Acq: 25 Jun 2018 22:21

Tgt Ion:113 Resp: 651303
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 22.2 15.0 22.6





#36

1,1-Dichloropropene

Concen: 3.97 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

AREA-3(D)MEDL

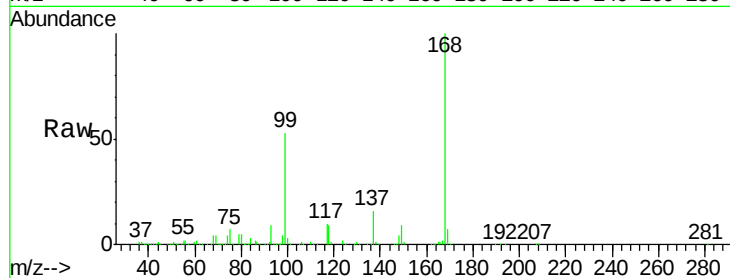
Tot Ion: 75 Resp: 78026

Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

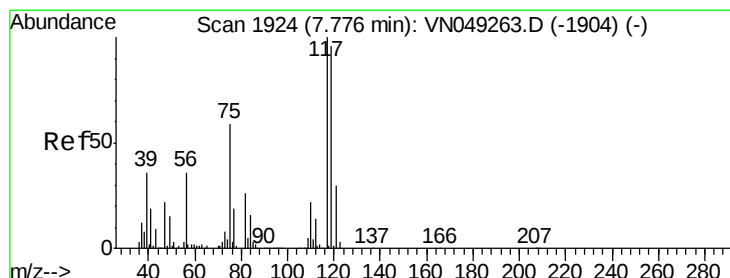
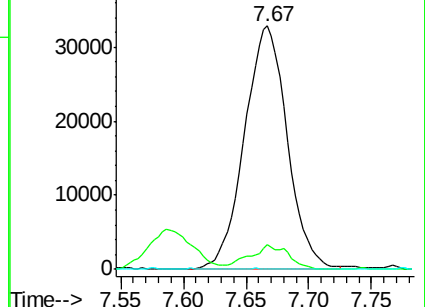
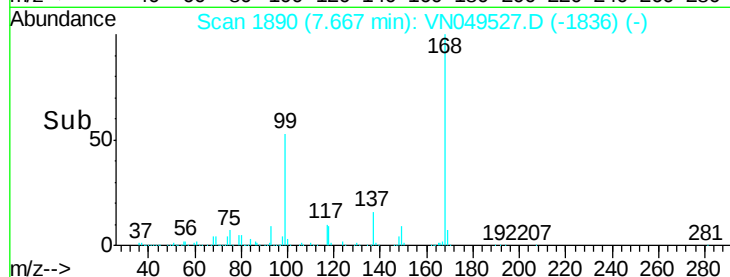
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049527.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049527.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049527.D (-1836) (-)



#38

Carbon Tetrachloride

Concen: 4.99 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

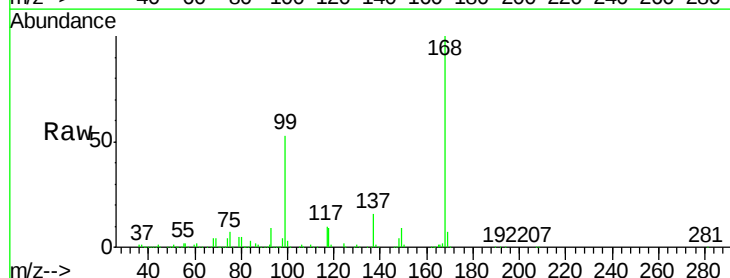
Tgt Ion: 117 Resp: 101508

Ion Ratio Lower Upper

117 100

119 7.4 75.6 113.4#

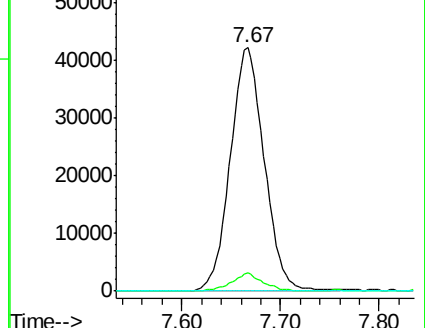
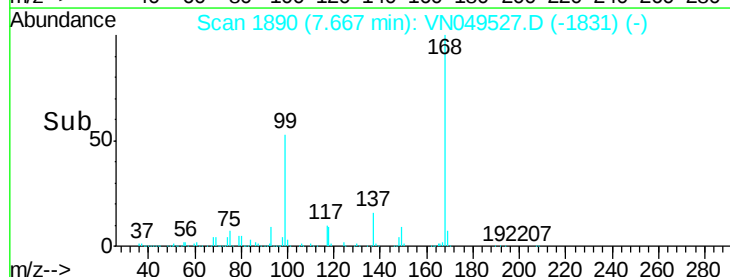
121 0.0 24.7 37.1#

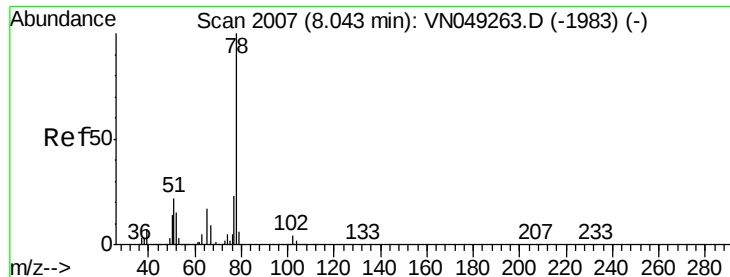


Abundance Ion 116.80 (116.50 to 117.50): VN049527.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049527.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049527.D (-1831) (-)





#40

Benzene

Concen: 1.08 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

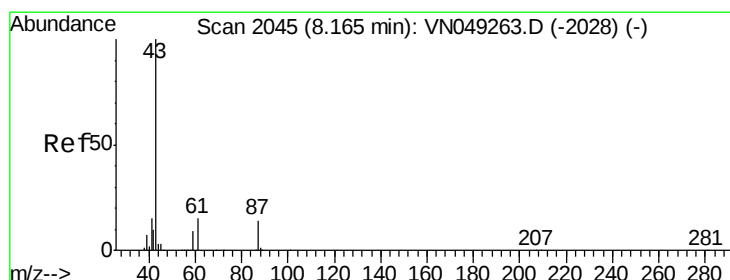
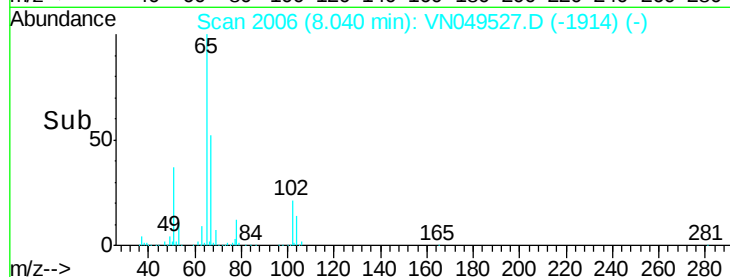
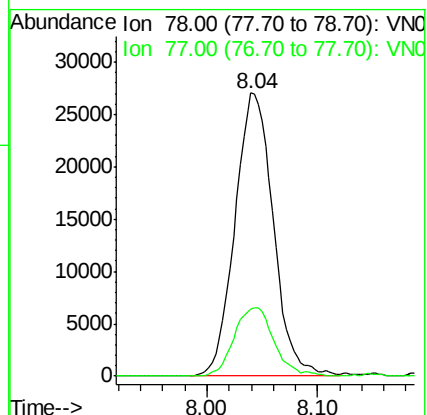
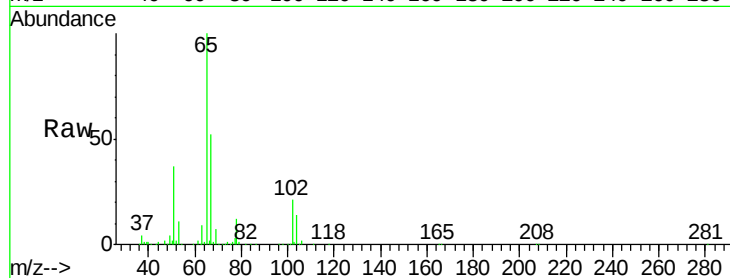
AREA-3(D)MEDL

Tot Ion: 78 Resp: 65258

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0



#43

Isopropyl Acetate

Concen: 5.71 ug/l

RT: 8.22 min Scan# 2063

Delta R.T. 0.06 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

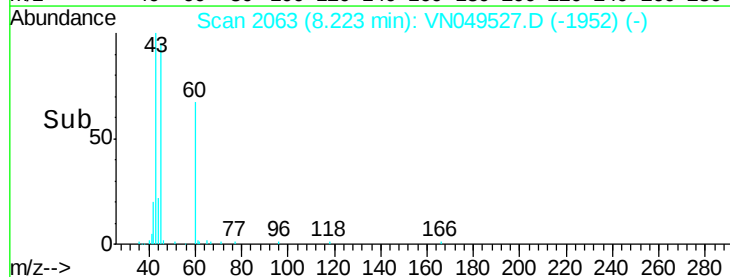
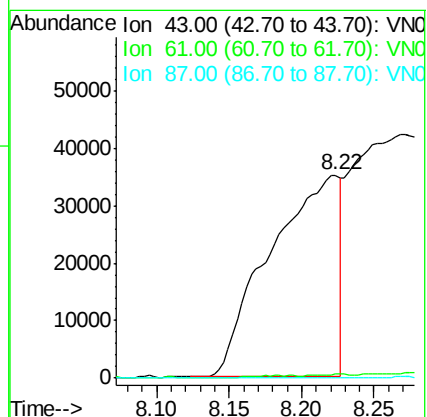
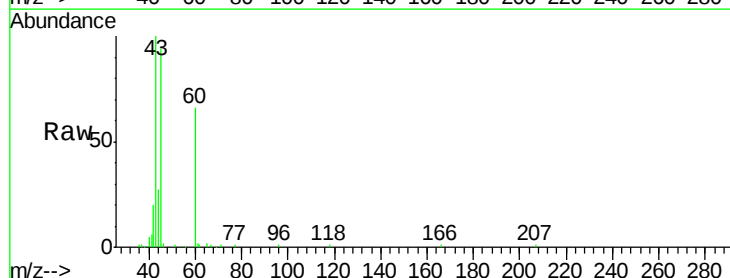
Tgt Ion: 43 Resp: 116616

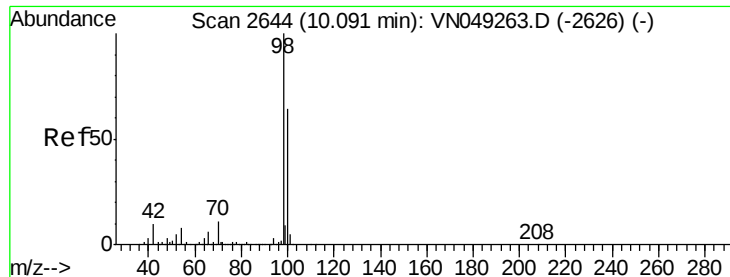
Ion Ratio Lower Upper

43 100

61 0.6 14.2 21.4#

87 0.0 9.4 14.0#





#50

Toluene-d8

Concen: 44.62 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

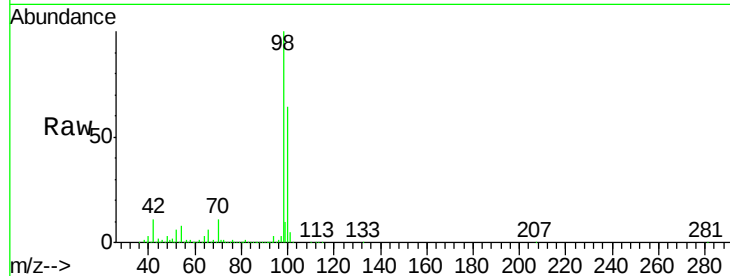
AREA-3(D)MEDL

Tot Ion: 98 Resp: 2357193

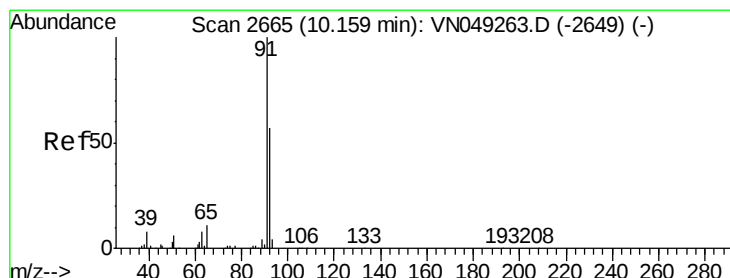
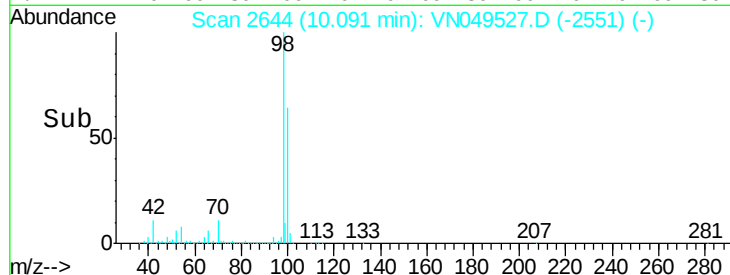
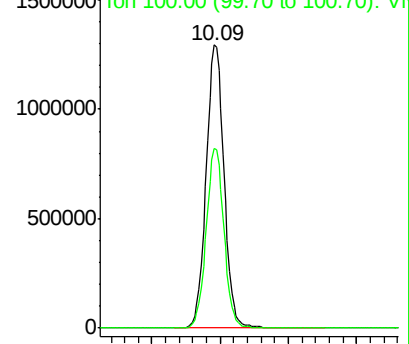
Ion Ratio Lower Upper

98 100

100 63.1 49.8 74.8



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



#52

Toluene

Concen: 0.76 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049527.D

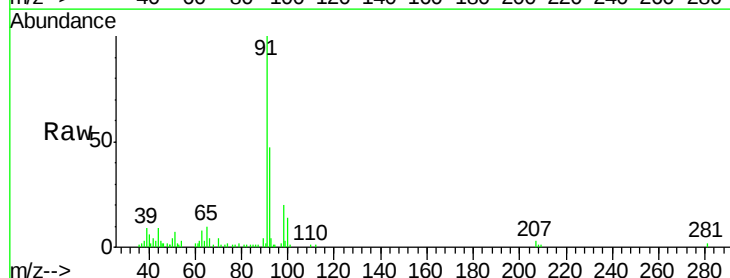
Acq: 25 Jun 2018 22:21

Tgt Ion: 92 Resp: 26904

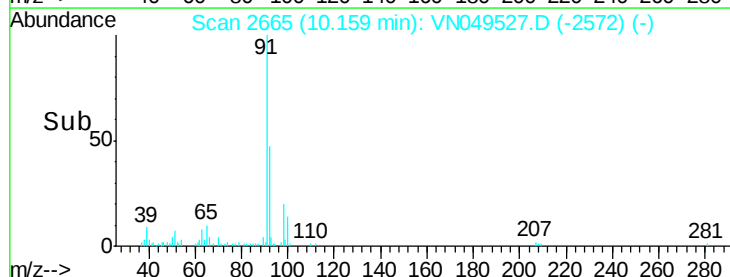
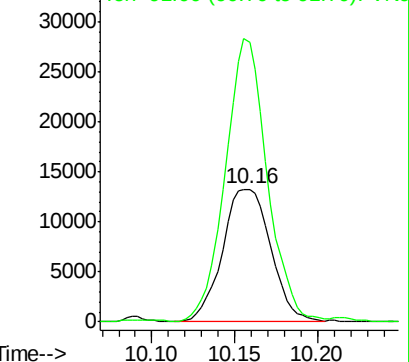
Ion Ratio Lower Upper

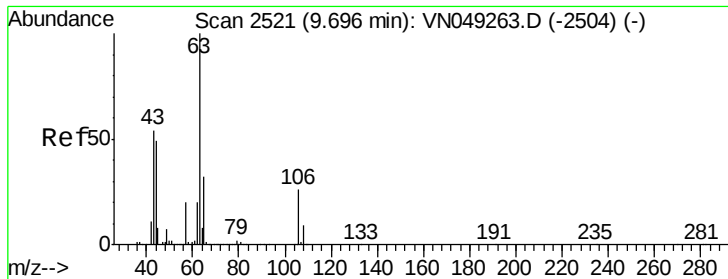
92 100

91 185.1 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.43 min Scan# 2439

Delta R.T. -0.26 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

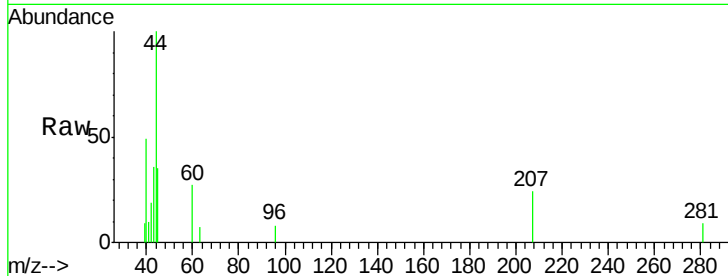
AREA-3(D)MEDL

Tot Ion: 63 Resp: 33

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

9.43

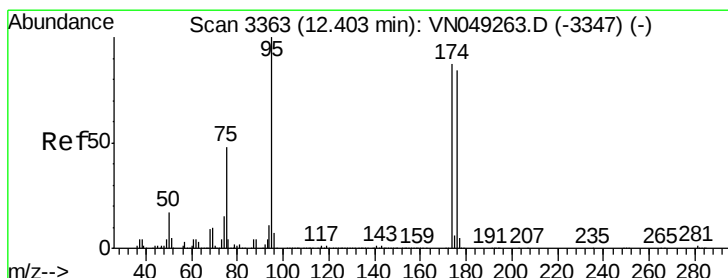
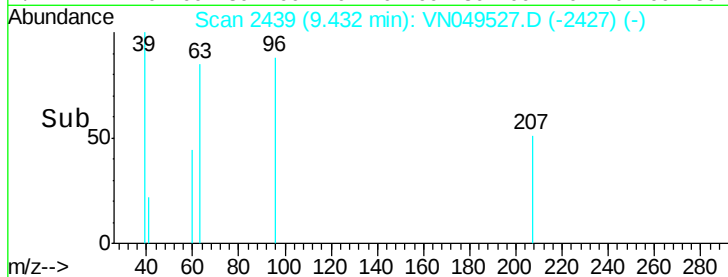
150

100

50

0

Time--> 9.42 9.43 9.43 9.44 9.44



#62

4-Bromofluorobenzene

Concen: 39.17 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

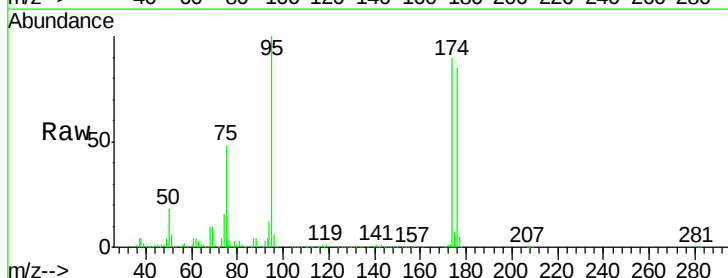
Tgt Ion: 95 Resp: 684094

Ion Ratio Lower Upper

95 100

174 90.7 0.0 165.6

176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

500000

400000

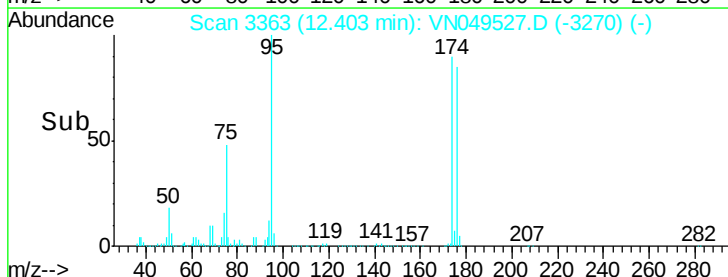
300000

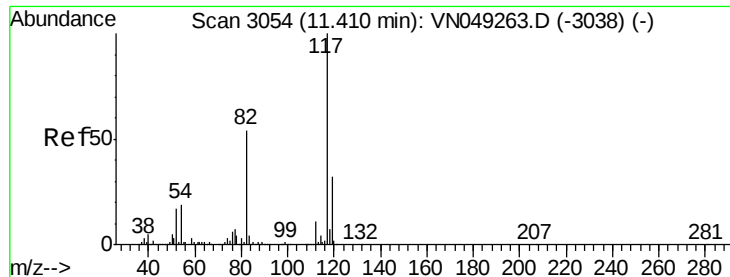
200000

100000

0

Time--> 12.30 12.40 12.50

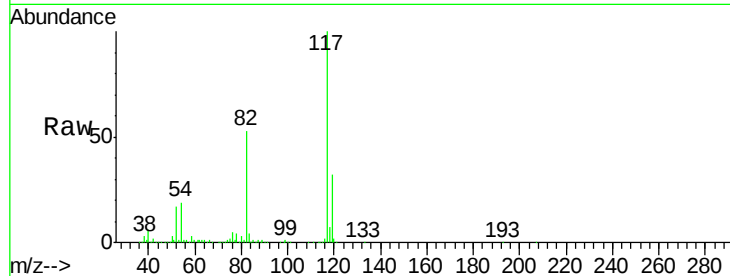




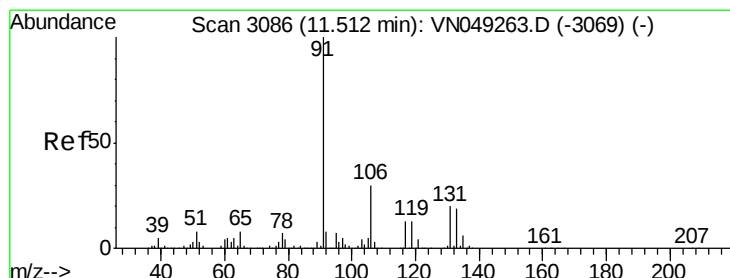
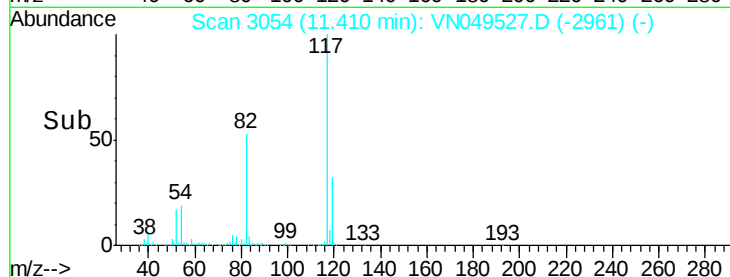
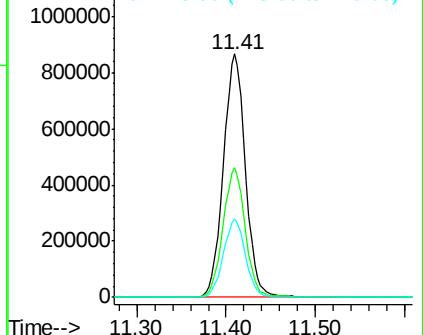
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Instrument :
MSVOA_N
ClientSampleId :
AREA-3(D)MEDL

Tot Ion:117 Resp: 1478132
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 32.1 25.5 38.3

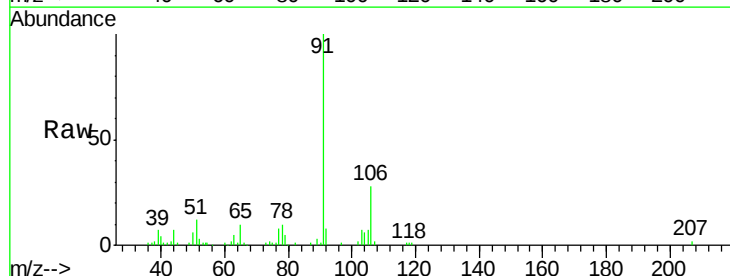


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

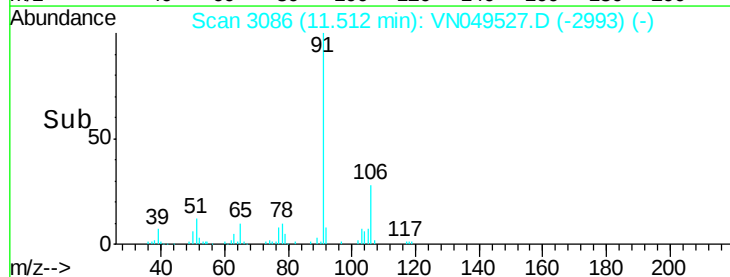
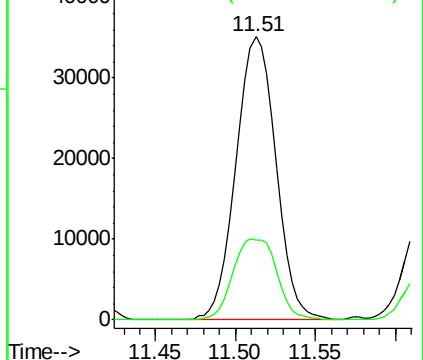


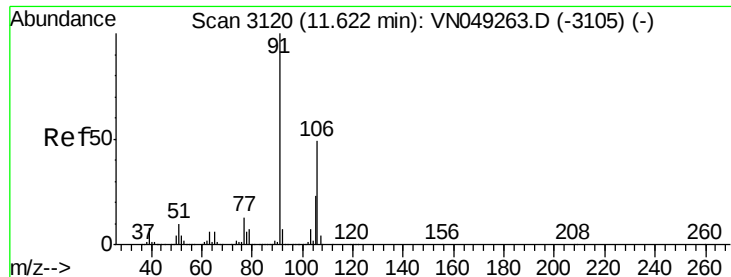
#67
Ethyl Benzene
Concen: 0.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Tgt Ion: 91 Resp: 59778
Ion Ratio Lower Upper
91 100
106 28.3 23.9 35.9



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

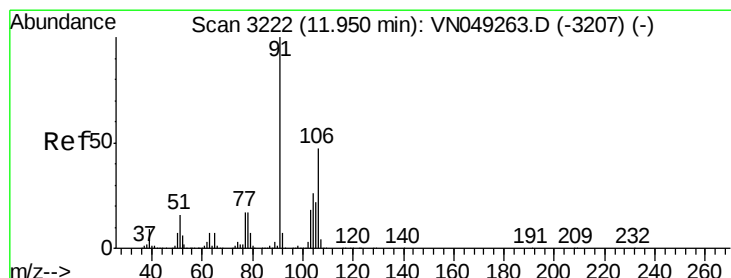
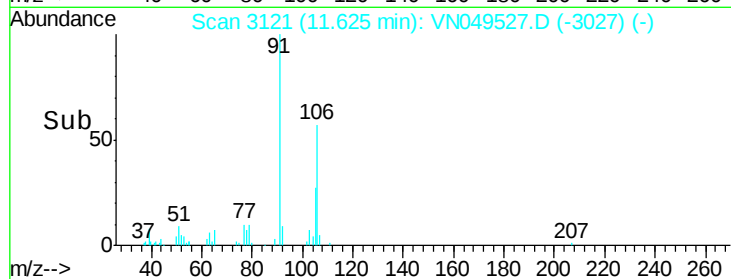
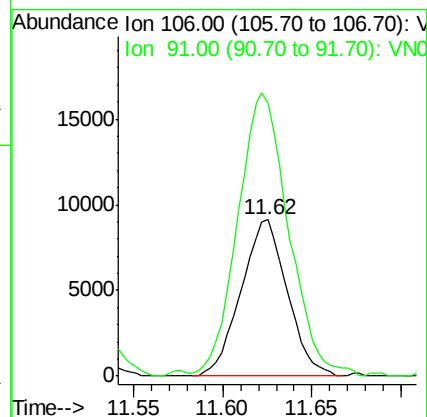
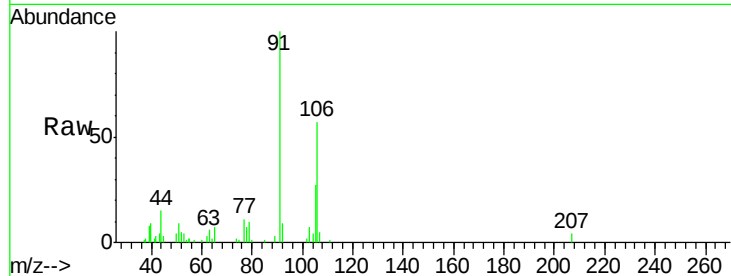




#68
m/p-Xylenes
Concen: 0.70 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

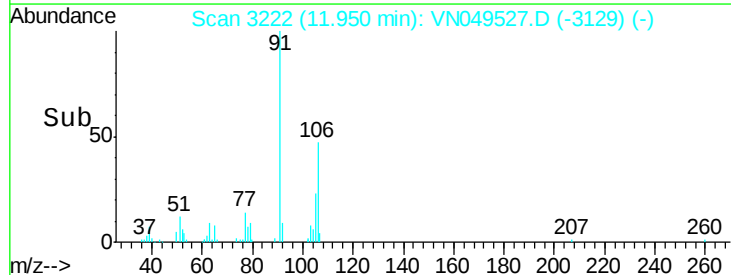
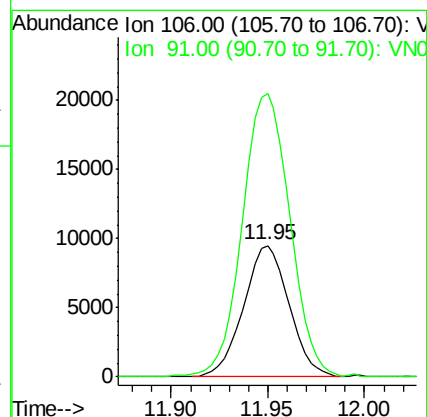
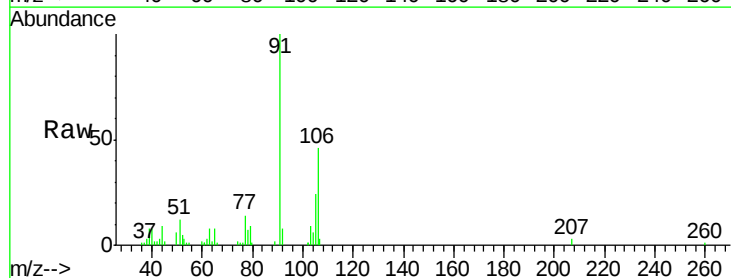
Instrument :
MSVOA_N
ClientSampleId :
AREA-3(D)MEDL

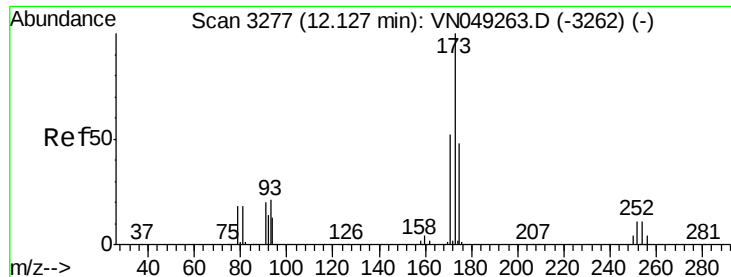
Tot Ion:106 Resp: 16480
Ion Ratio Lower Upper
106 100
91 198.8 167.3 250.9



#69
o-Xylene
Concen: 0.68 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Tgt Ion:106 Resp: 15533
Ion Ratio Lower Upper
106 100
91 225.9 111.0 333.0





#71

Bromoform

Concen: 0.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

AREA-3(D)MEDL

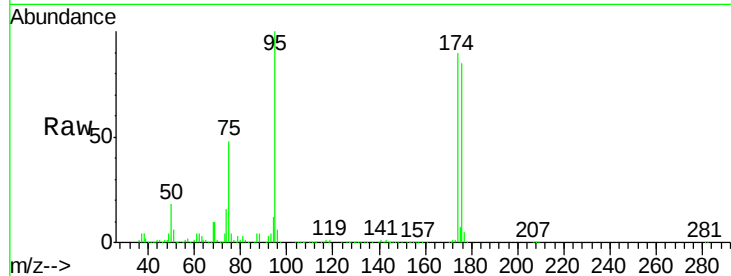
Tot Ion:173 Resp: 5240

Ion Ratio Lower Upper

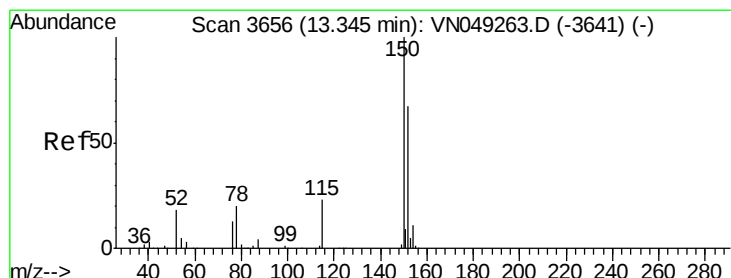
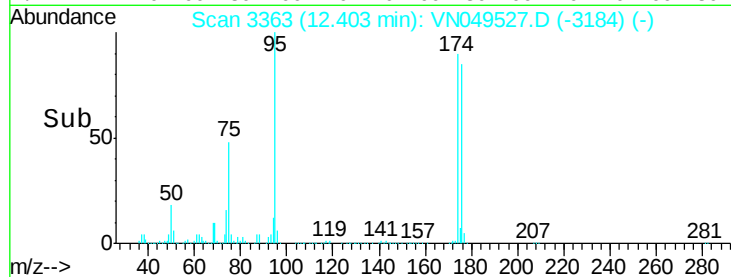
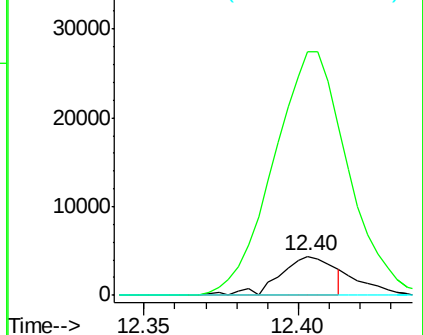
173 100

175 717.1 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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

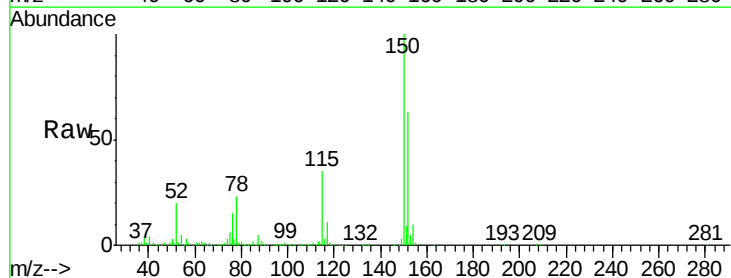
Tgt Ion:152 Resp: 589281

Ion Ratio Lower Upper

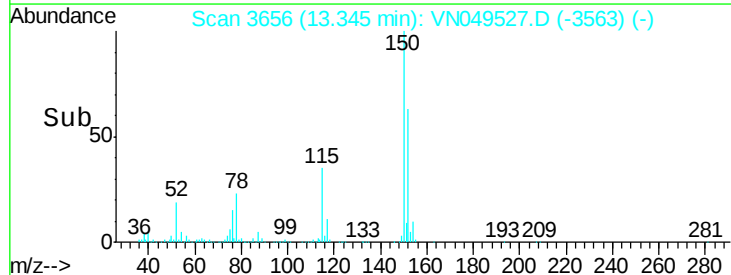
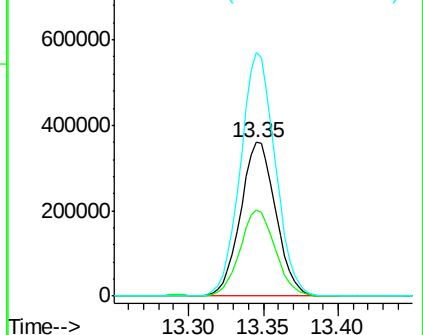
152 100

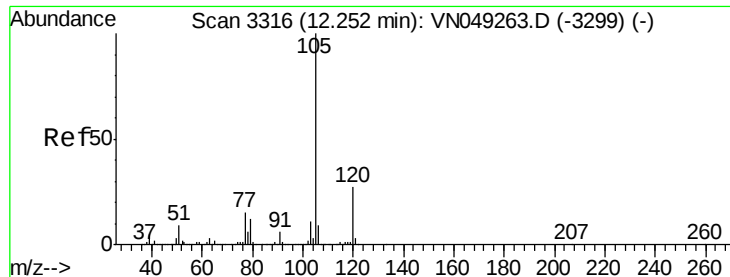
115 55.5 28.7 86.1

150 156.6 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: 0.24 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

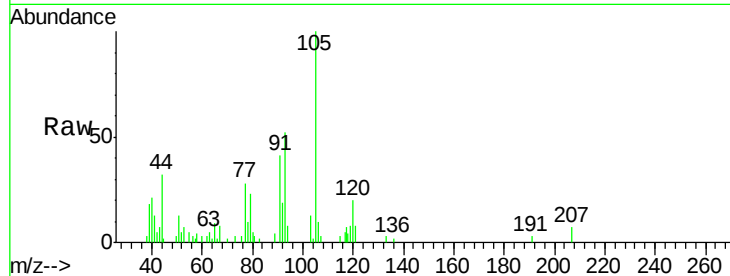
AREA-3(D)MEDL

Tot Ion:105 Resp: 12410

Ion Ratio Lower Upper

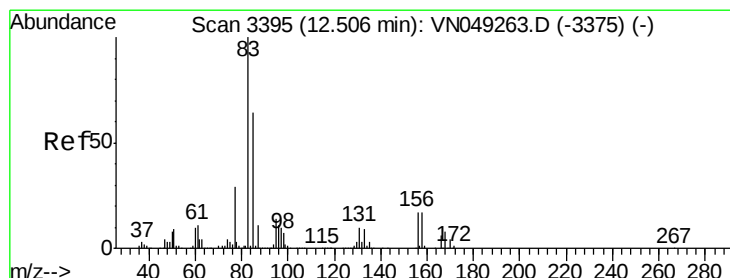
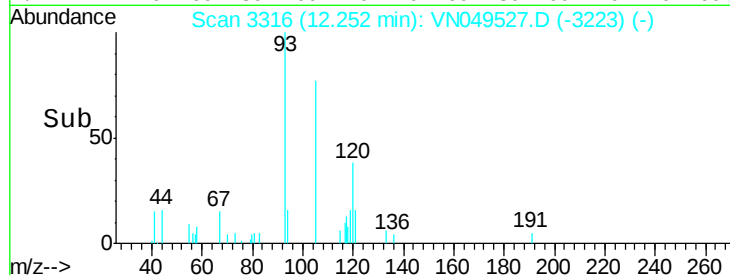
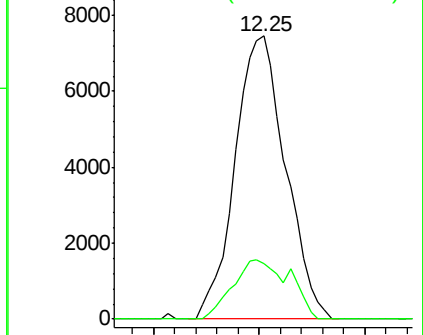
105 100

120 23.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

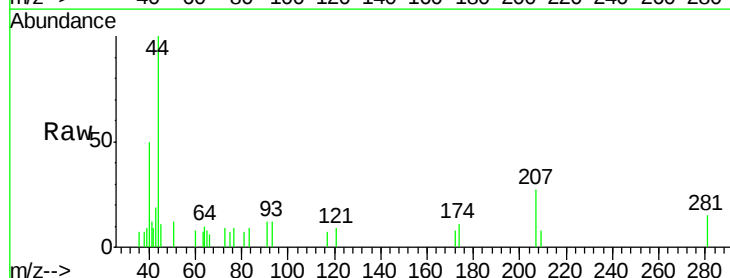
Tgt Ion: 83 Resp: 110

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

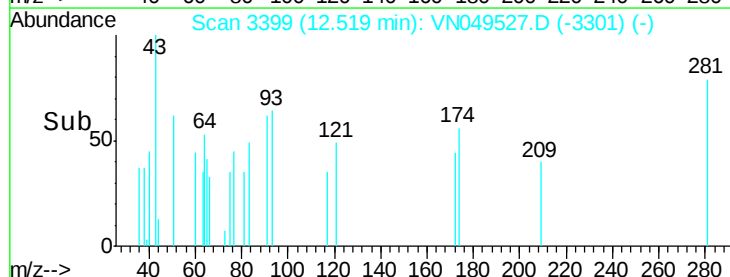
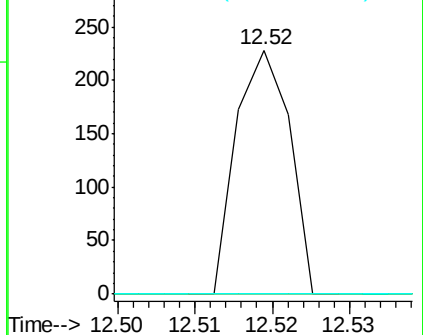
85 0.0 32.0 96.0#

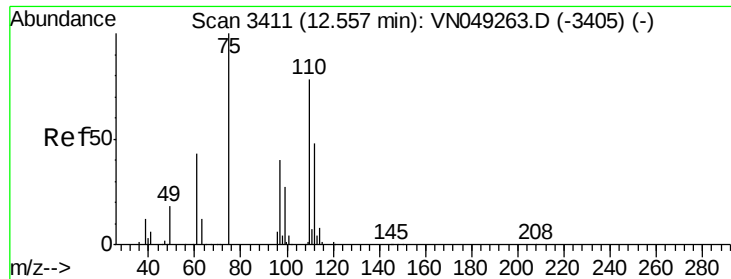


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 33.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

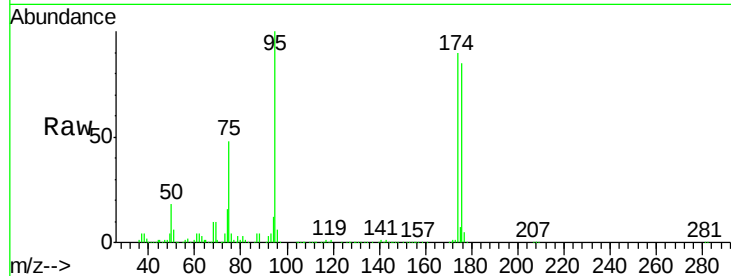
AREA-3(D)MEDL

Tot Ion: 75 Resp: 333295

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

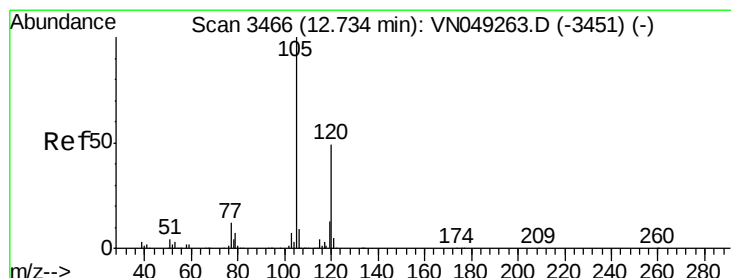
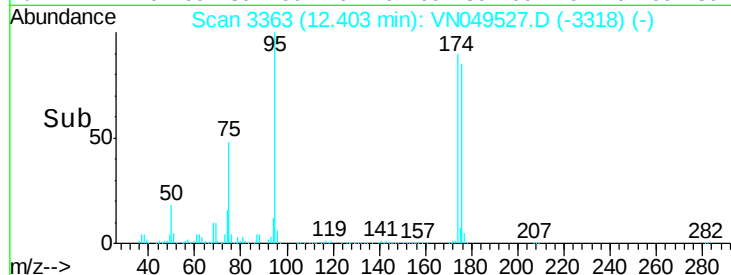
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.45 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049527.D

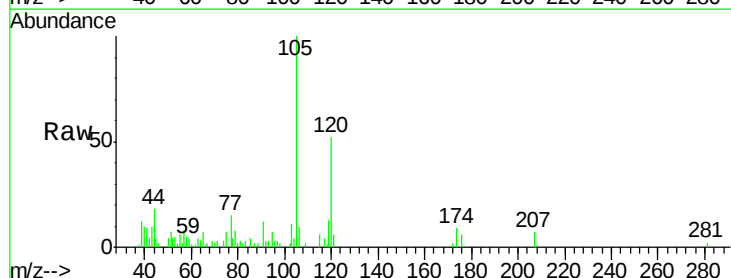
Acq: 25 Jun 2018 22:21

Tgt Ion: 105 Resp: 18413

Ion Ratio Lower Upper

105 100

120 51.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

20000

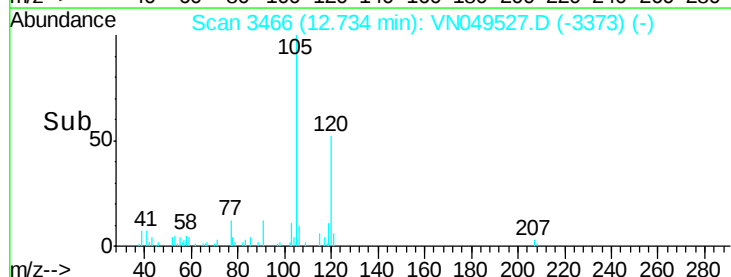
15000

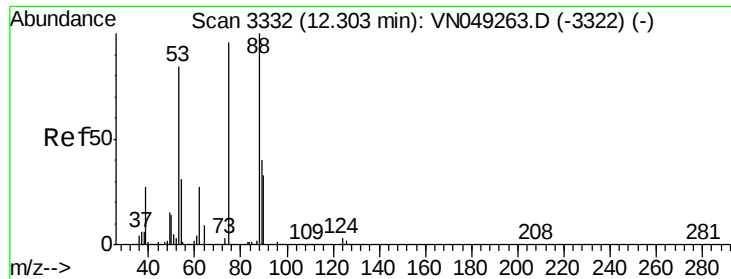
10000

5000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 104.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

AREA-3(D)MEDL

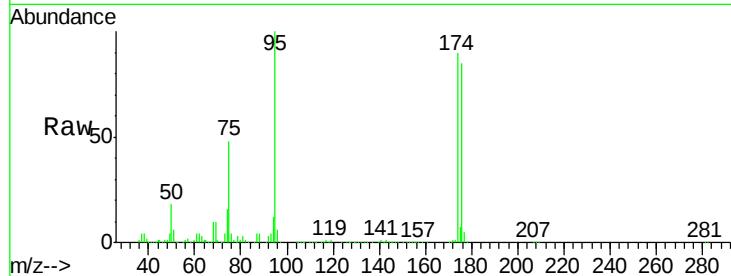
Tot Ion: 75 Resp: 333295

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

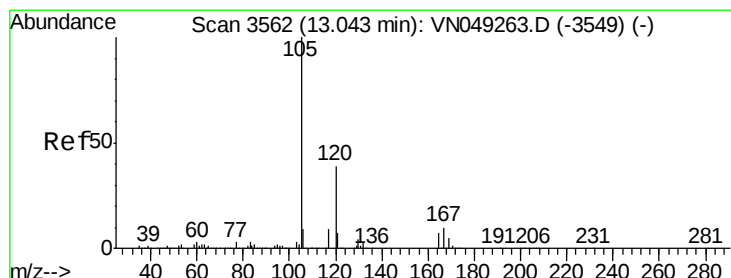
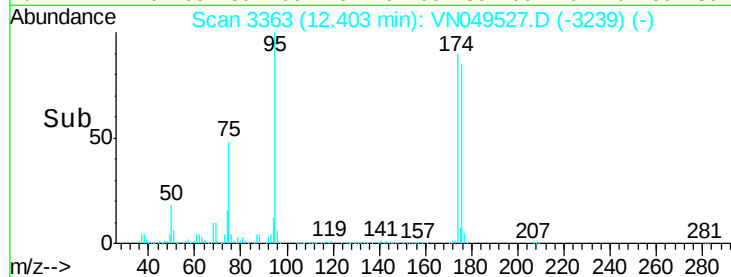
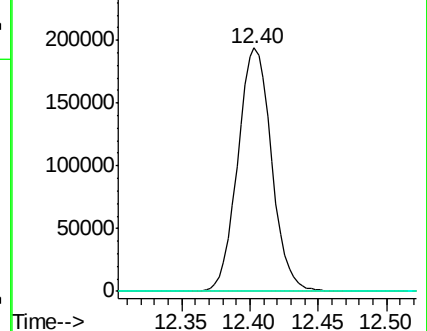
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049527.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049527.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049527.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.17 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049527.D

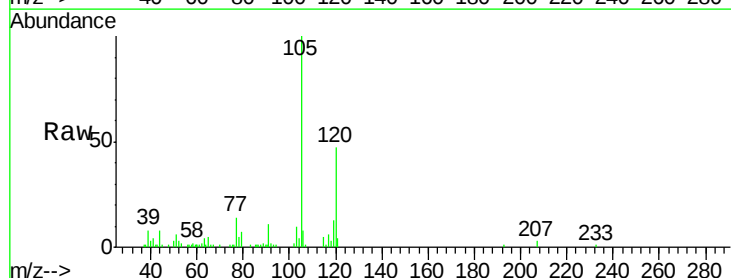
Acq: 25 Jun 2018 22:21

Tgt Ion: 105 Resp: 47306

Ion Ratio Lower Upper

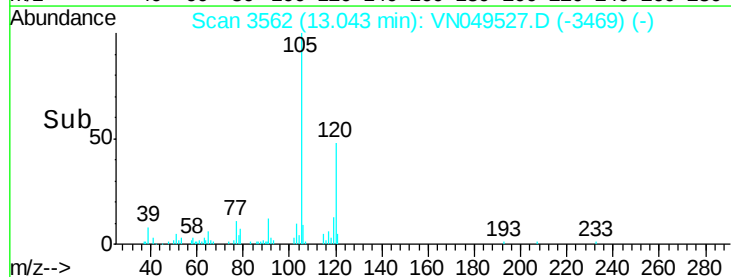
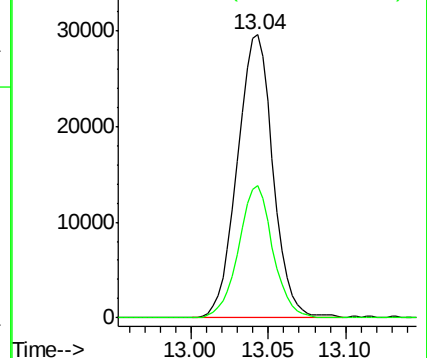
105 100

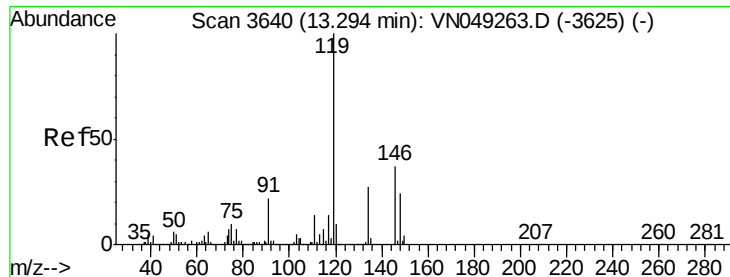
120 44.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049527.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049527.D (-3562) (-)

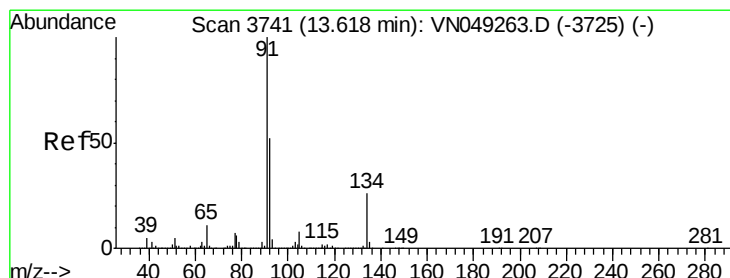
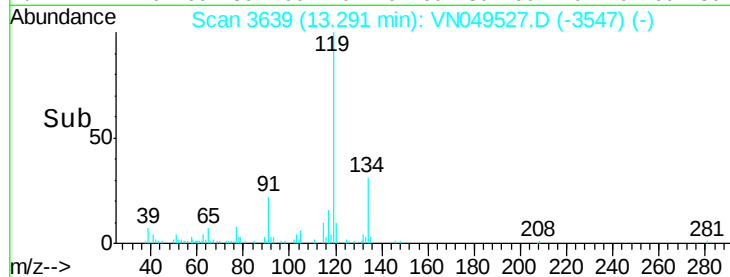
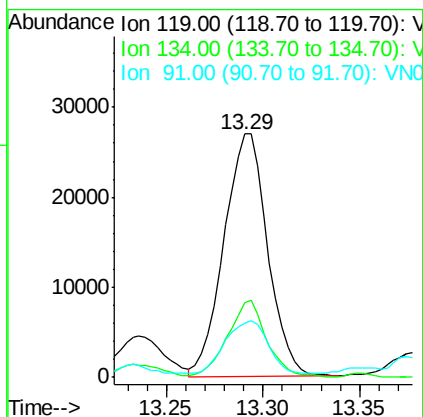
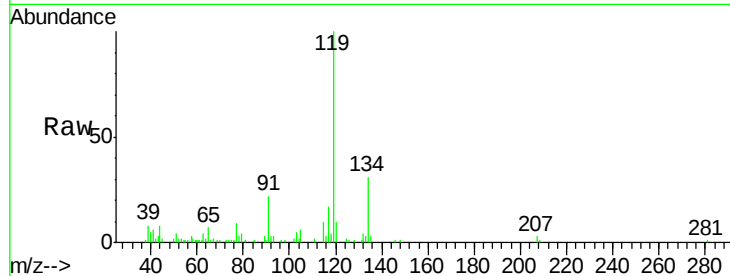




#86
p-Isopropyltoluene
Concen: 1.05 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. -0.00 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

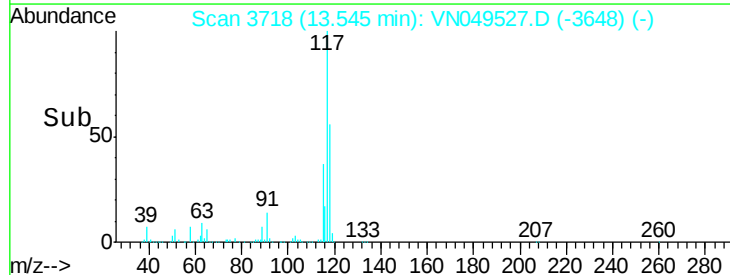
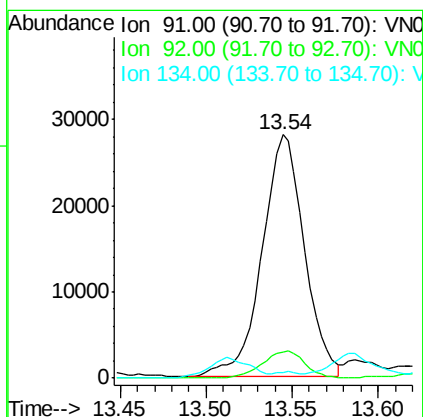
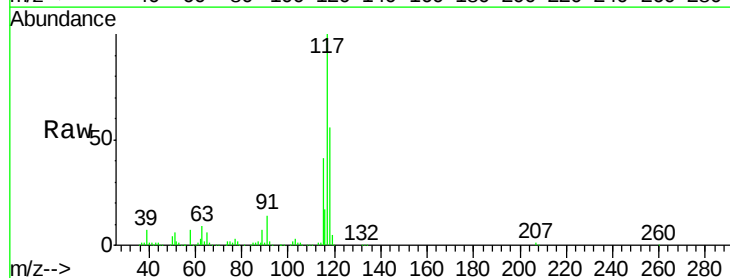
Instrument :
MSVOA_N
ClientSampleId :
AREA-3(D)MEDL

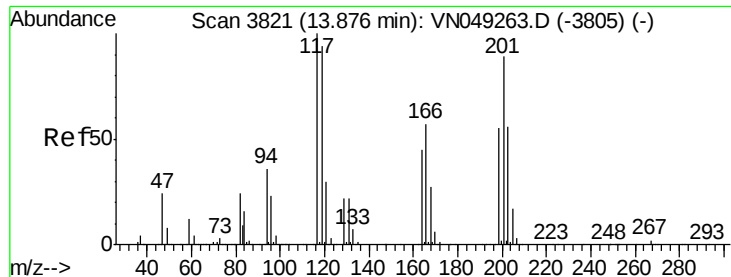
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.7	12.9	38.6
91	23.6	12.1	36.3



#89
n-Butylbenzene
Concen: 1.53 ug/l
RT: 13.54 min Scan# 3718
Delta R.T. -0.07 min
Lab File: VN049527.D
Acq: 25 Jun 2018 22:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	11.2	25.1	75.4#
134	0.9	12.0	36.0#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

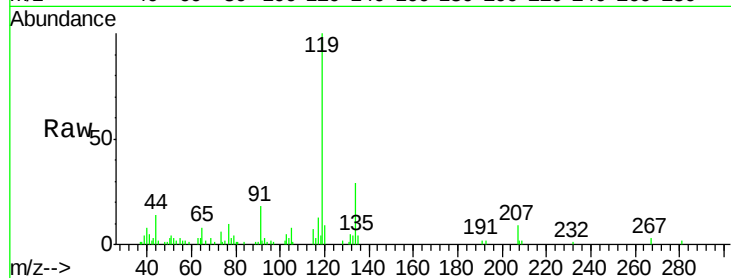
AREA-3(D)MEDL

Tot Ion:117 Resp: 3785

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

13.90

2500

2000

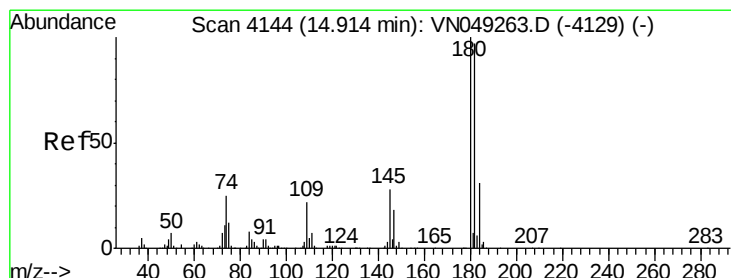
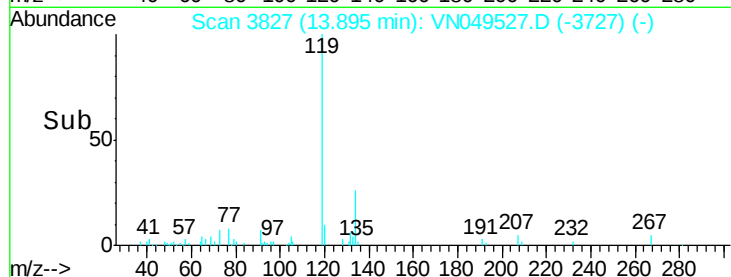
1500

1000

500

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.79 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

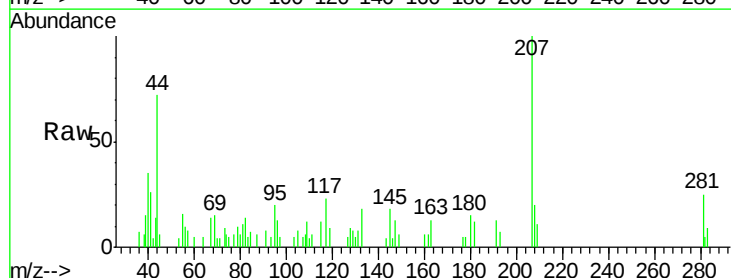
Tgt Ion:180 Resp: 525

Ion Ratio Lower Upper

180 100

182 133.0 46.9 140.8

145 0.0 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

14.92

1000

800

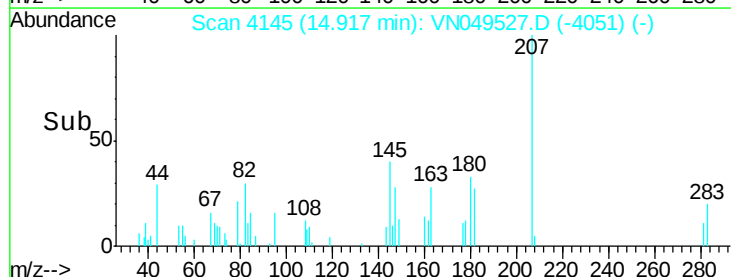
600

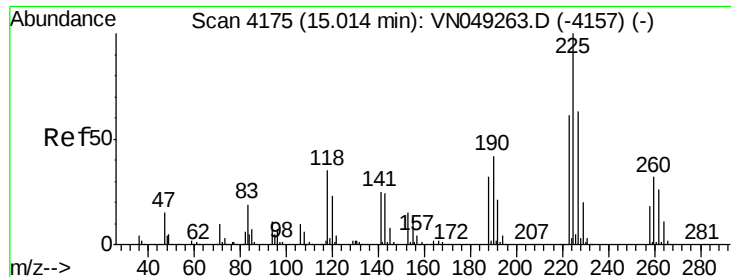
400

200

0

Time-->





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.03 min Scan# 4179

Delta R.T. 0.01 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

AREA-3(D)MEDL

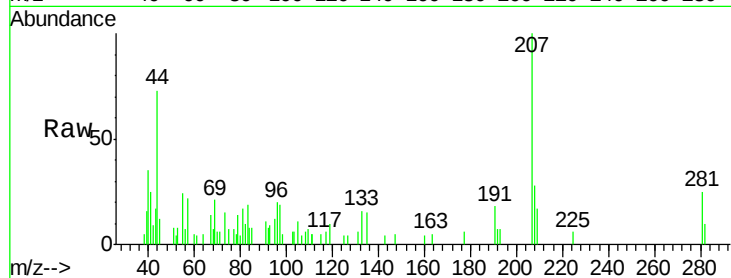
Tot Ion:225 Resp: 164

Ion Ratio Lower Upper

225 100

223 39.0 32.1 96.3

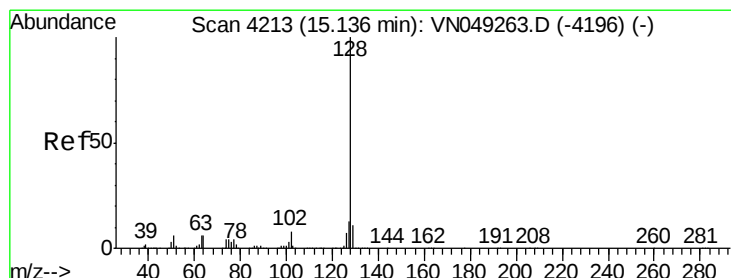
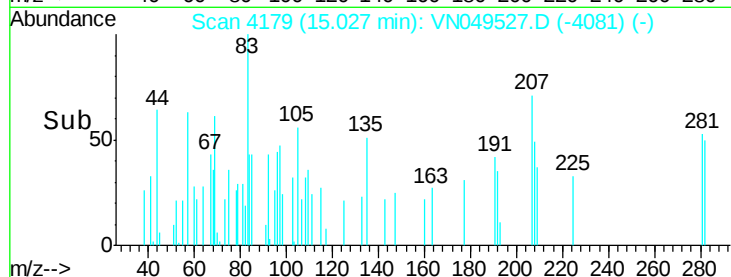
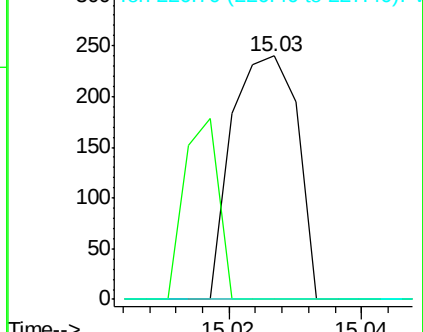
227 0.0 31.8 95.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.55 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049527.D

Acq: 25 Jun 2018 22:21

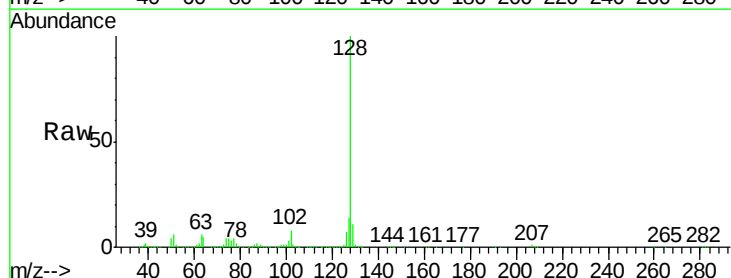
Tgt Ion:128 Resp: 824106

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

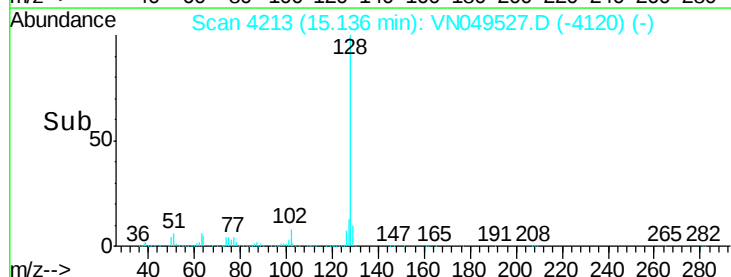
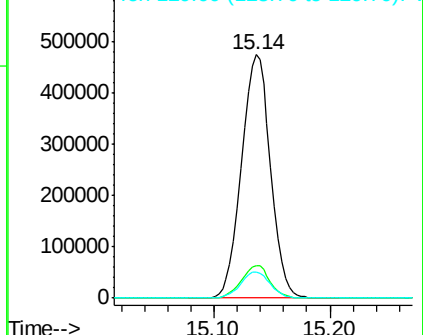
129 10.8 8.5 12.7

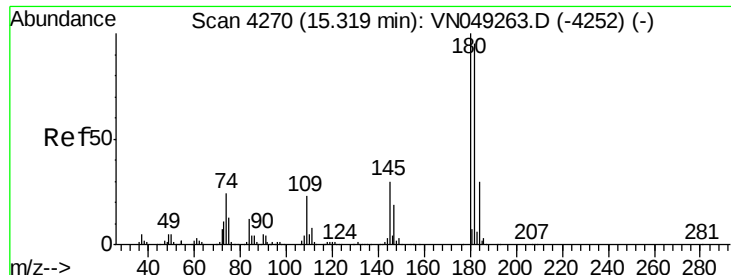


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.52 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049527.D
 Acq: 25 Jun 2018 22:21

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-3(D)MEDL

Tot Ion:180 Resp: 633
 Ion Ratio Lower Upper
 180 100
 182 37.9 47.3 141.8#
 145 0.0 15.6 46.7#

