

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059149.D
 Acq On : 11 Nov 2019 10:50
 Operator : JC/SP
 Sample : K5775-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 12 00:39:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	497677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	767427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	657856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	309030	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.57	113	234006	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.08	98	922260	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	286733	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	

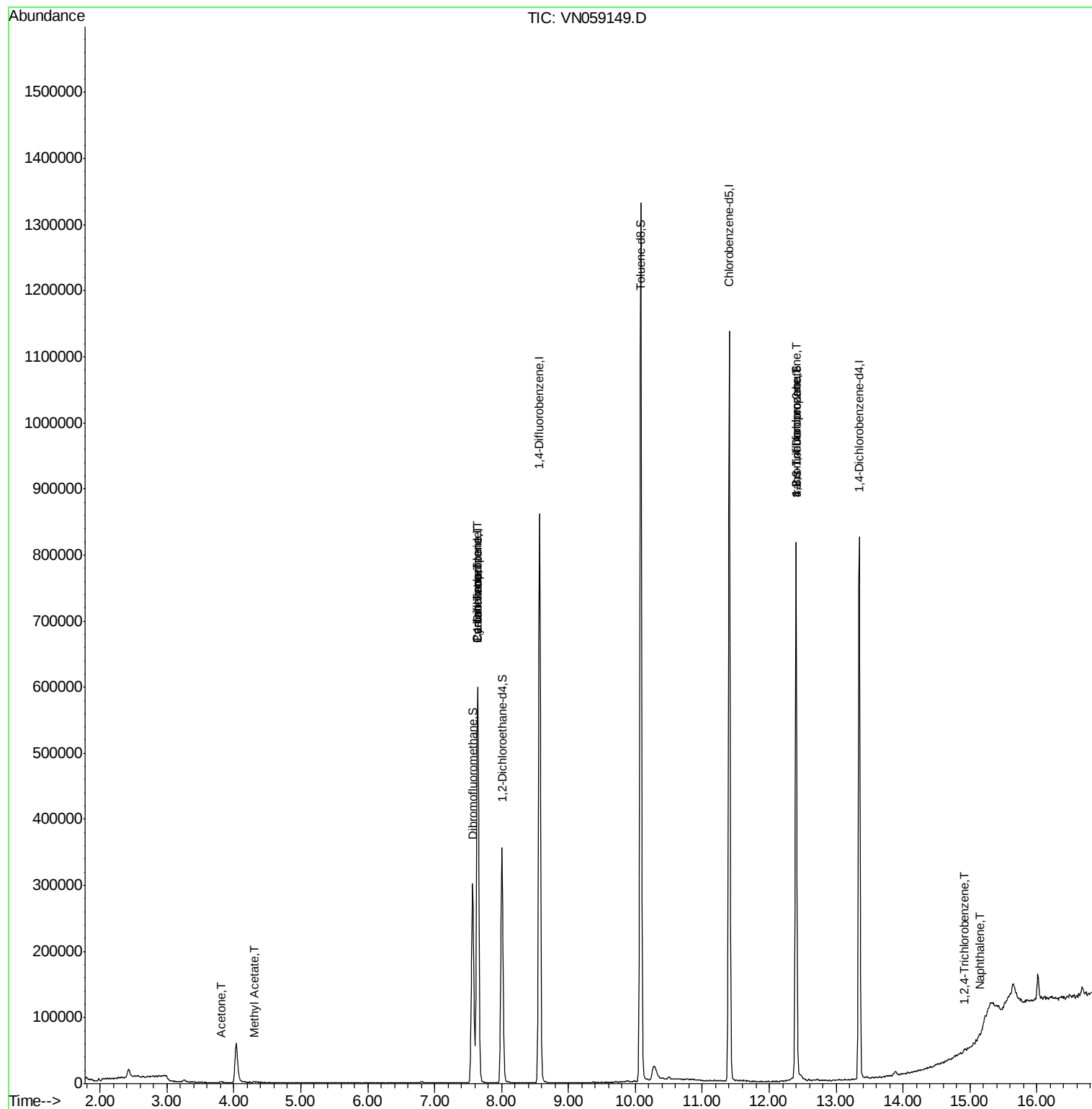
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	1678	0.527	ug/l #	44
18) Methyl Acetate	4.30	43	1940	0.257	ug/l #	53
31) Cyclohexane	7.64	56	10155	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	38379	5.350	ug/l #	49
38) Carbon Tetrachloride	7.64	117	48207	6.752	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	142082	27.845	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	142082	73.547	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	223	3.096	ug/l #	40
95) Naphthalene	15.13	128	854	3.114	ug/l #	70

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

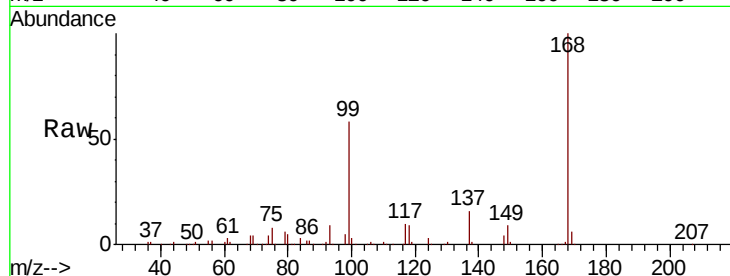
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 497677

Ion Ratio Lower Upper

168 100

99 57.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059149.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059149.D (-1733) (-)

7.64

200000

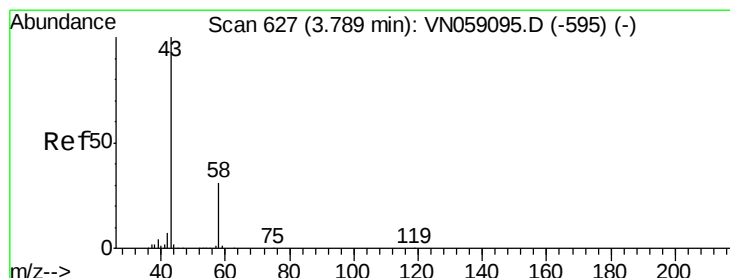
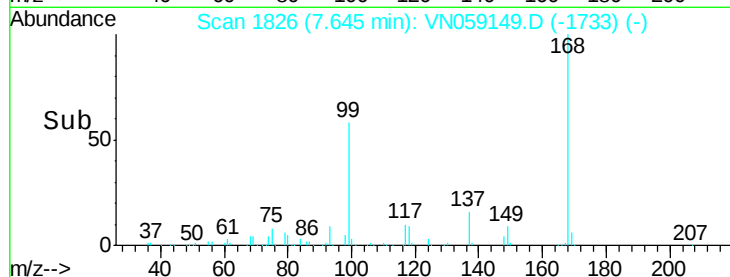
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.527 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059149.D

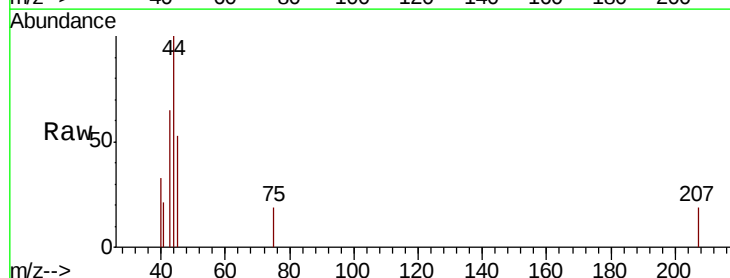
Acq: 11 Nov 2019 10:50

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059149.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059149.D (-534) (-)

3.80

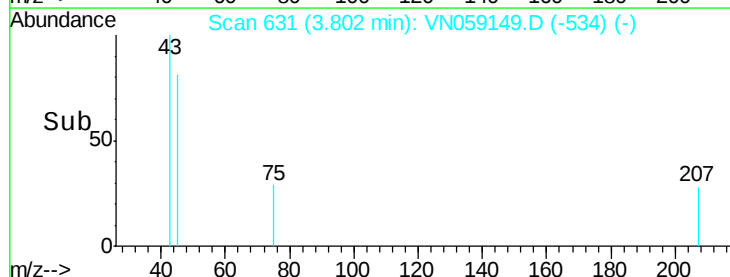
600

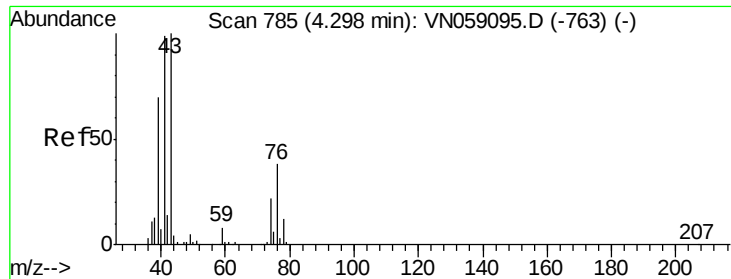
400

200

0

Time--> 3.75 3.80 3.85

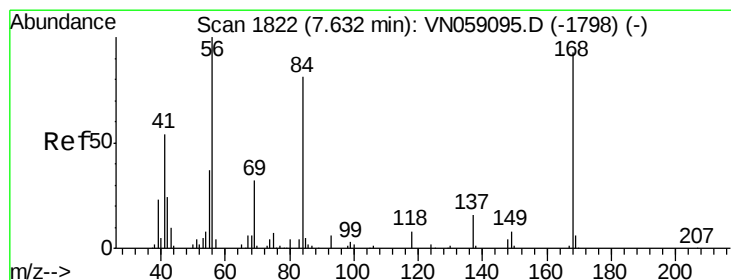
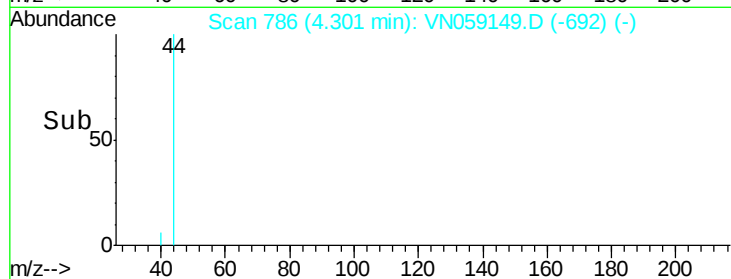
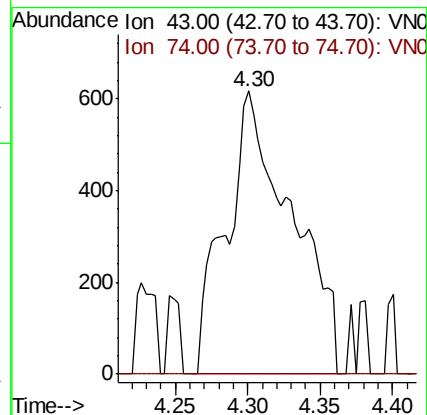
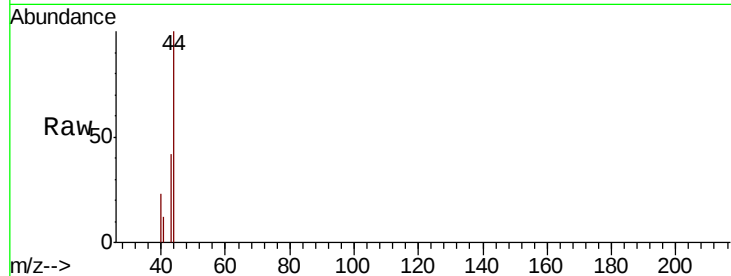




#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

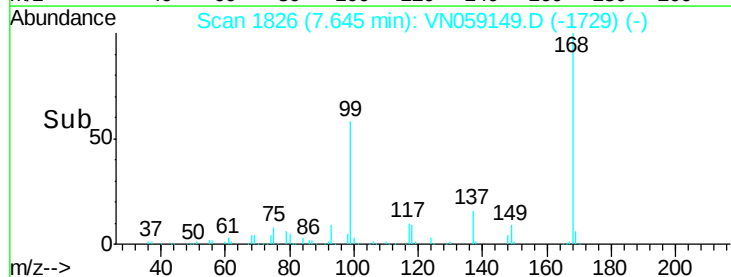
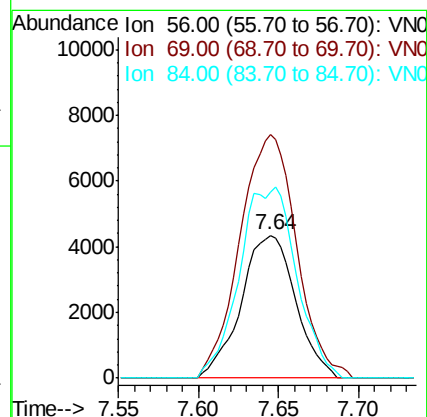
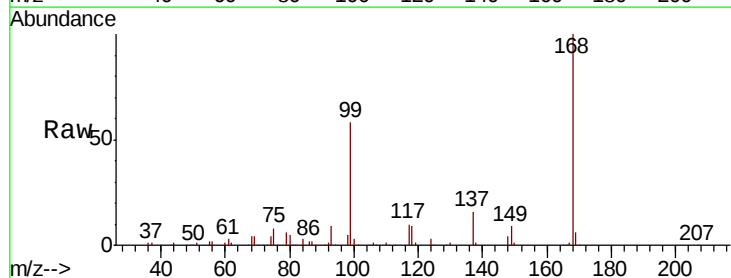
Instrument :
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STORAGE-BLANK-SOIL-REF-6

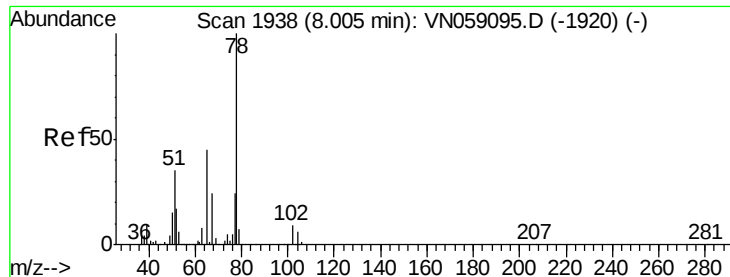
Tot Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

Tgt Ion: 56 Resp: 10155
Ion Ratio Lower Upper
56 100
69 170.9 25.8 38.8#
84 130.5 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 50.514 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

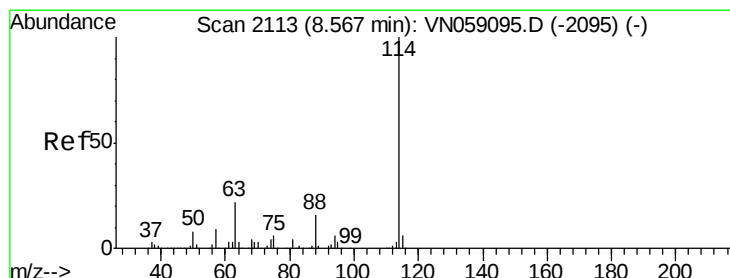
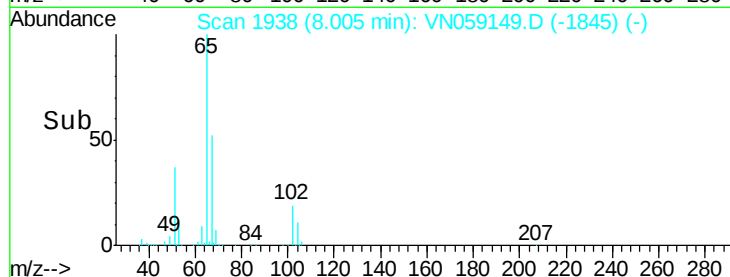
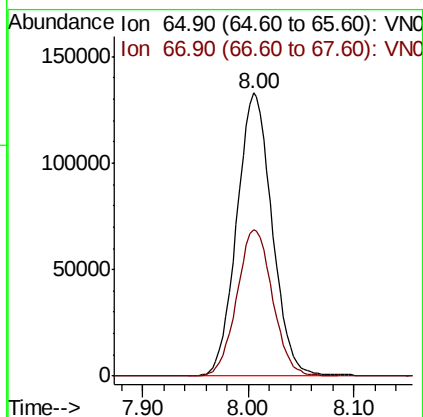
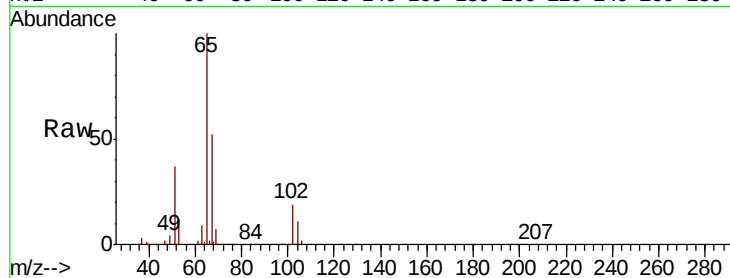
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 65 Resp: 309030

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

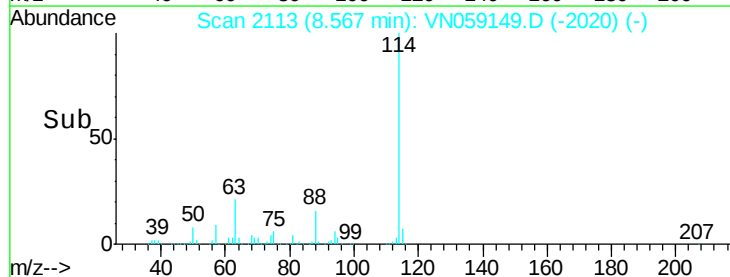
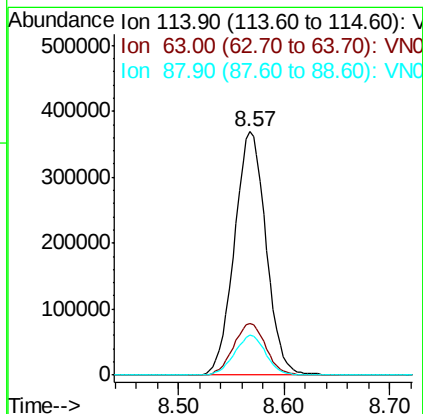
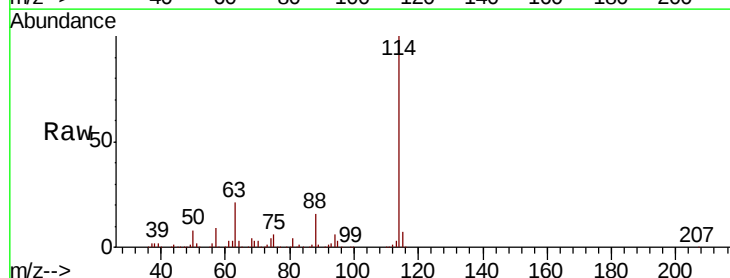
Tgt Ion: 114 Resp: 767427

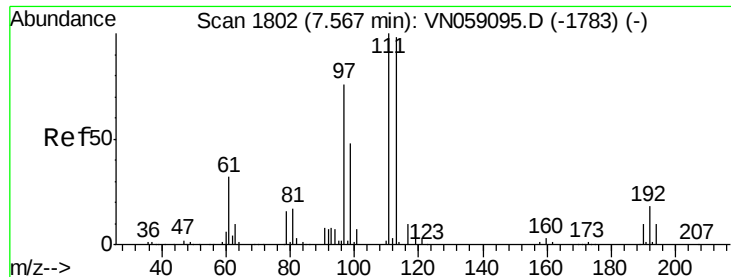
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

88 16.5 0.0 32.2

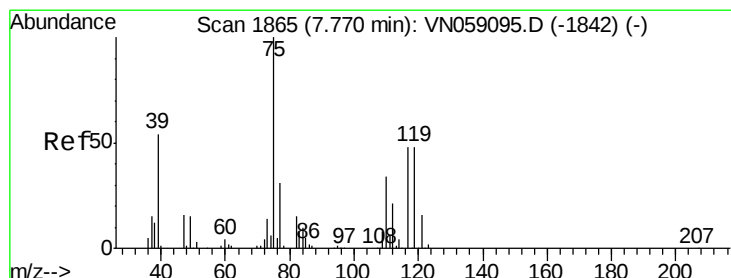
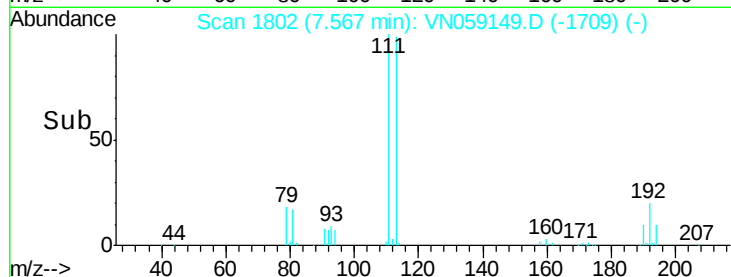
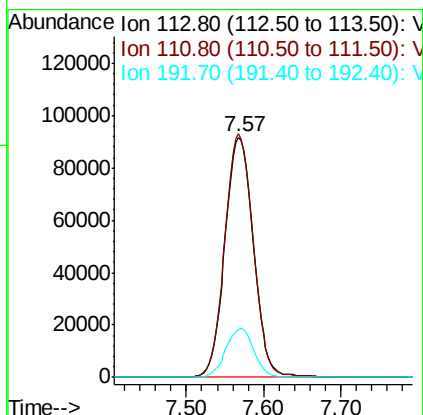
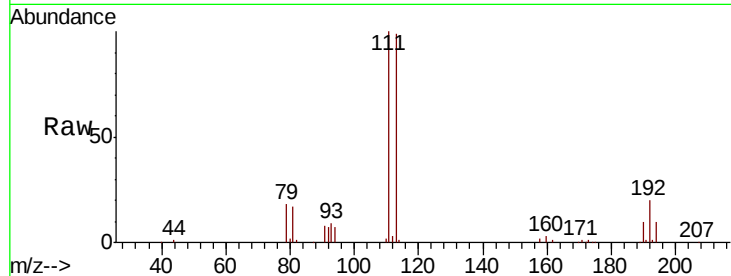




#35
Dibromofluoromethane
Concen: 51.068 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

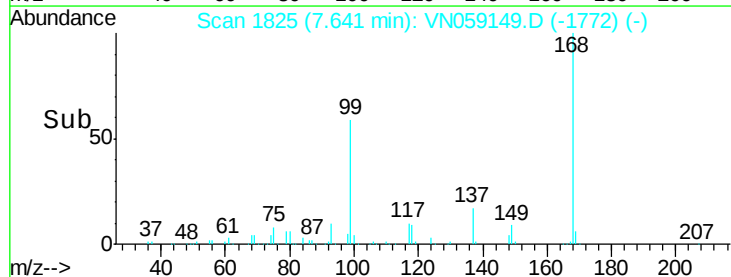
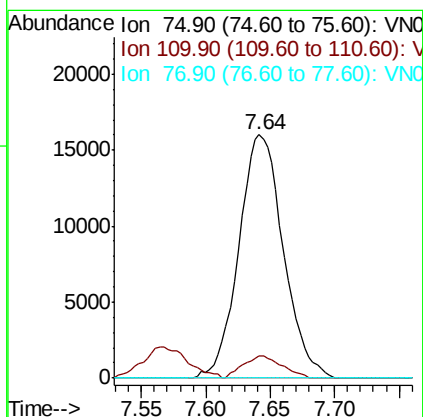
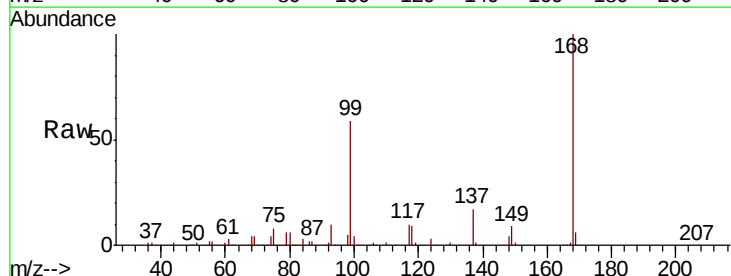
Instrument :
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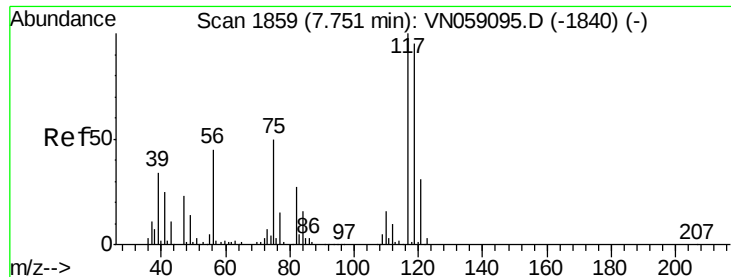
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.8	124.2
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.350 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

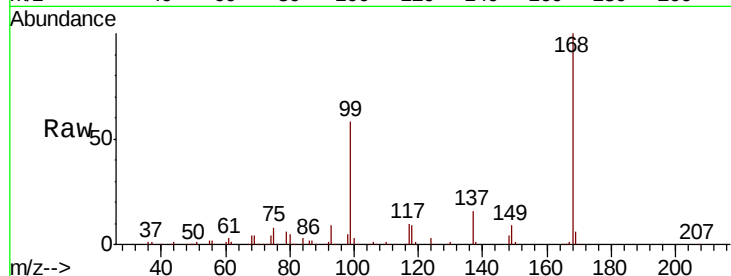
Tot Ion:117 Resp: 48207

Ion Ratio Lower Upper

117 100

119 6.1 75.6 113.4#

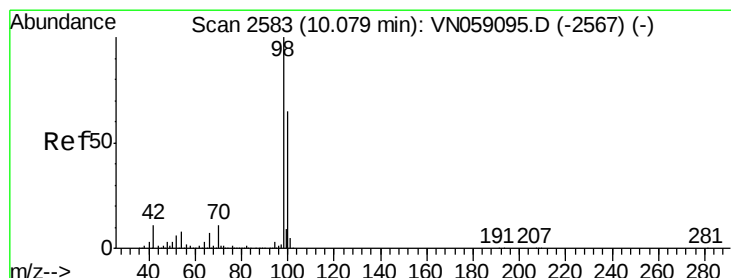
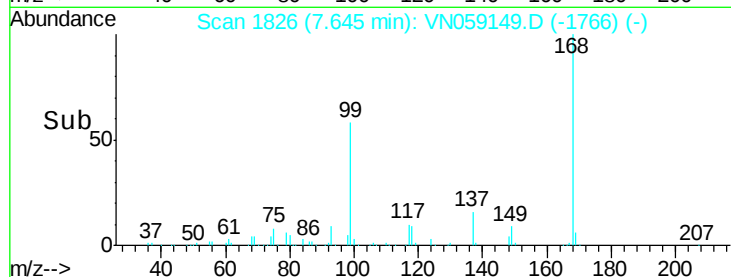
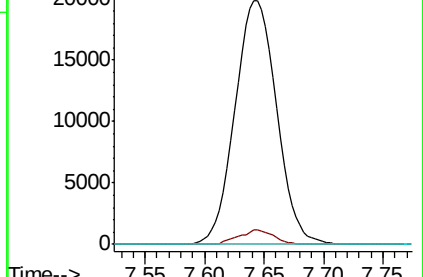
121 0.0 24.6 36.8#



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



#50

Toluene-d8

Concen: 51.097 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059149.D

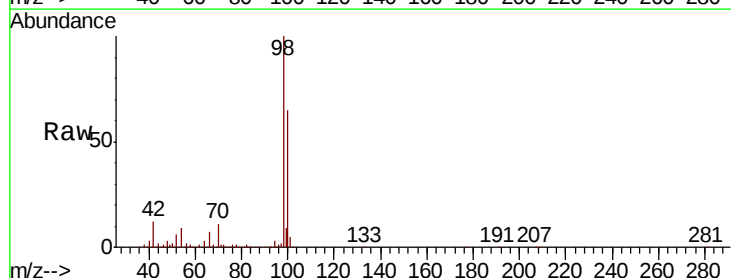
Acq: 11 Nov 2019 10:50

Tgt Ion: 98 Resp: 922260

Ion Ratio Lower Upper

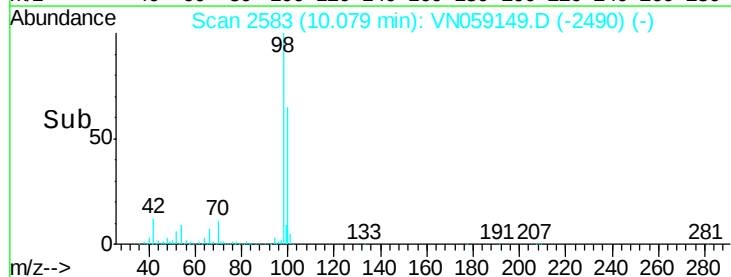
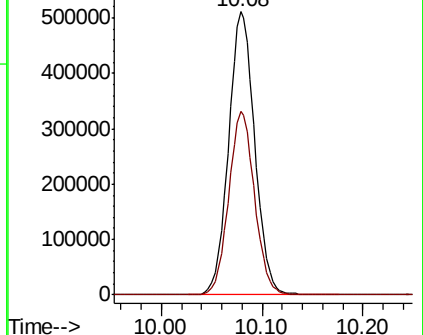
98 100

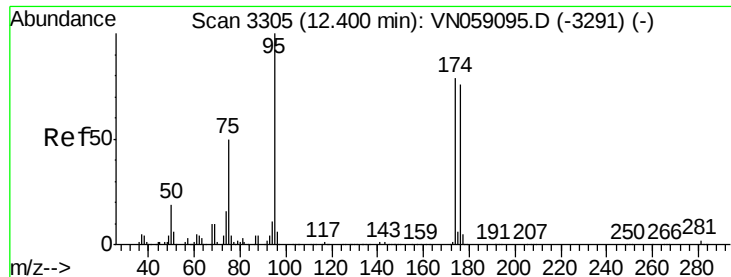
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

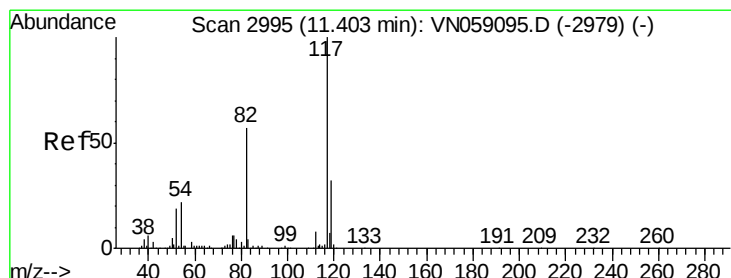
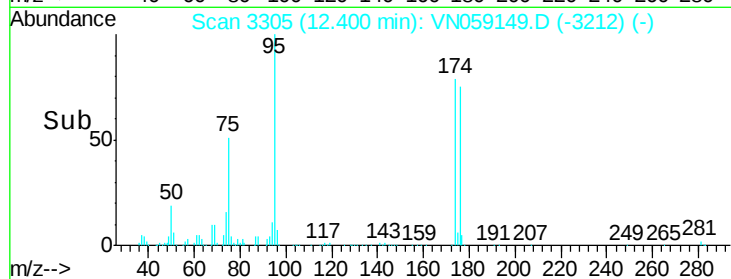
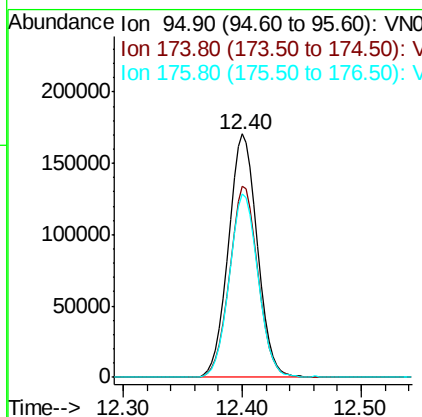
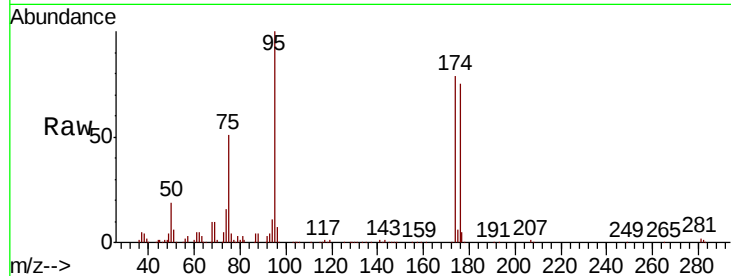




#62
4-Bromofluorobenzene
Concen: 44.059 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

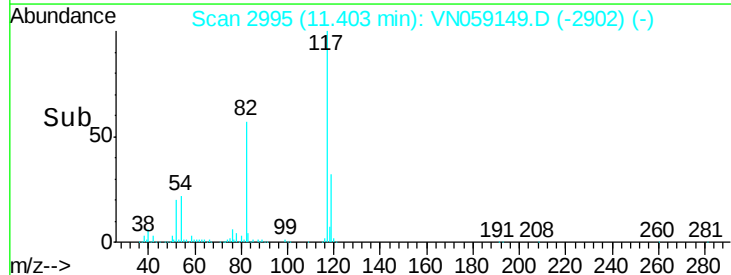
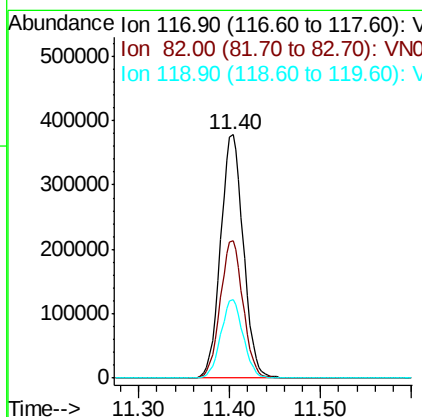
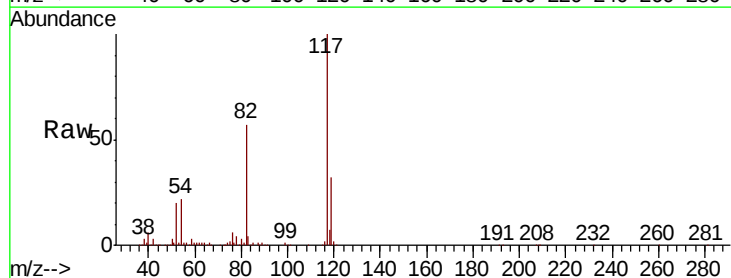
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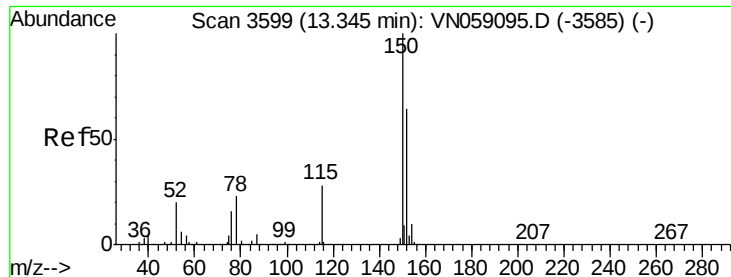
Tot Ion: 95 Resp: 286733
Ion Ratio Lower Upper
95 100
174 77.3 0.0 158.2
176 75.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

Tgt Ion: 117 Resp: 657856
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

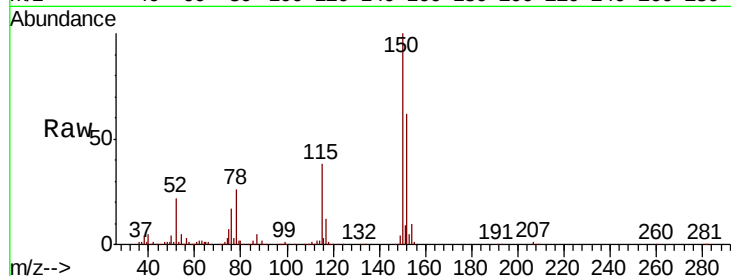
Tot Ion:152 Resp: 224124

Ion Ratio Lower Upper

152 100

115 60.1 29.4 88.2

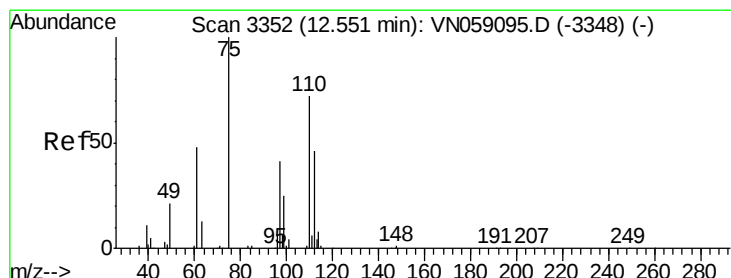
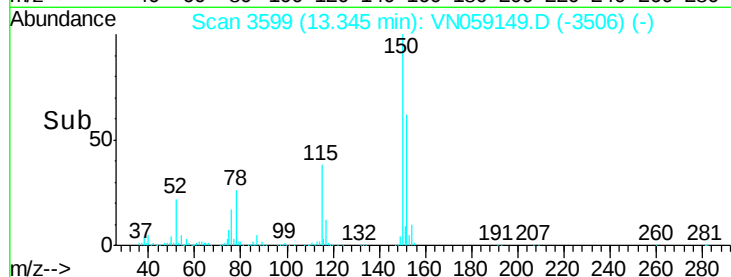
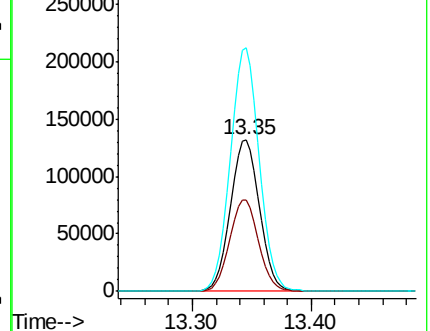
150 158.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.845 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059149.D

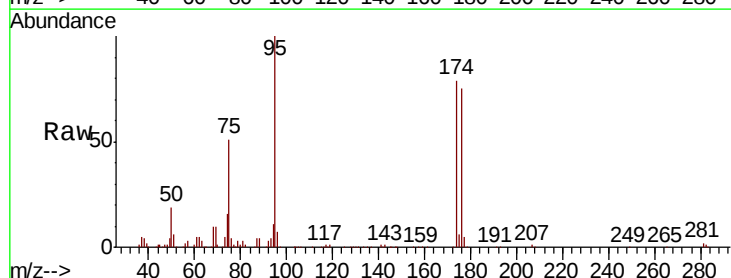
Acq: 11 Nov 2019 10:50

Tgt Ion: 75 Resp: 142082

Ion Ratio Lower Upper

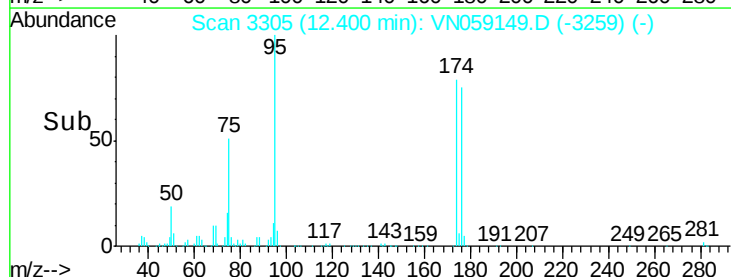
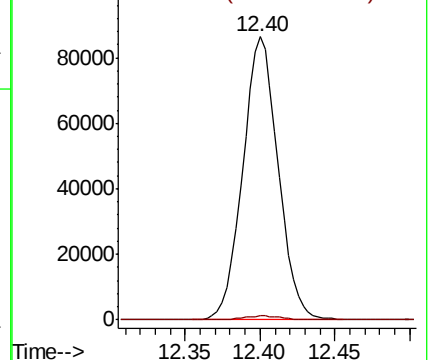
75 100

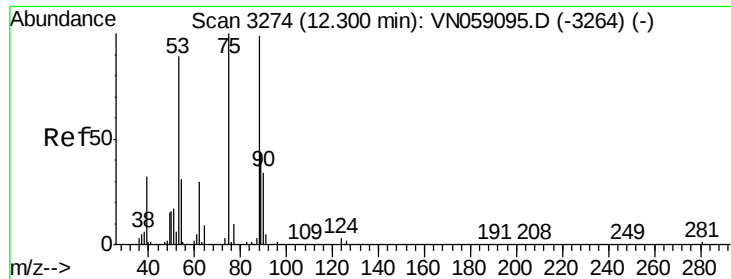
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.547 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

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ClientSampleId :

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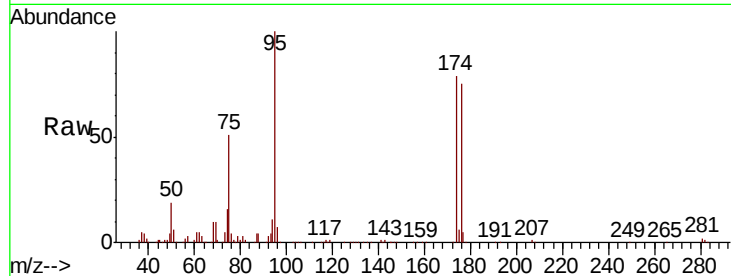
Tot Ion: 75 Resp: 142082

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

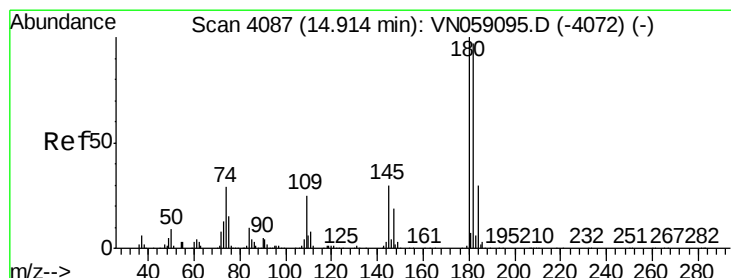
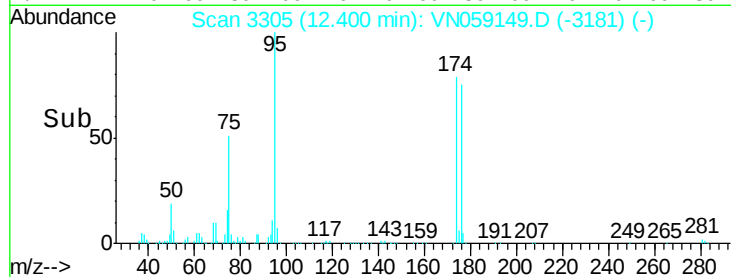
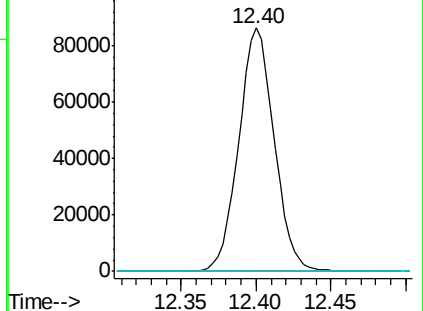
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN059095.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN059095.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.096 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

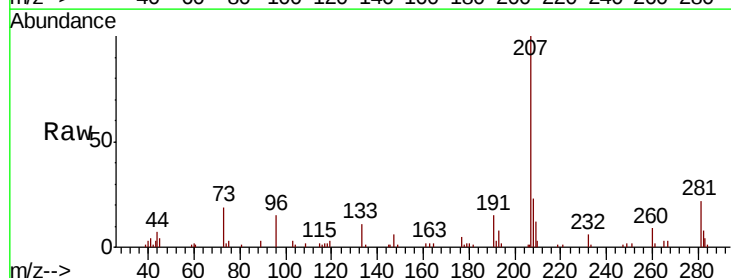
Tgt Ion: 180 Resp: 223

Ion Ratio Lower Upper

180 100

182 43.0 48.1 144.3#

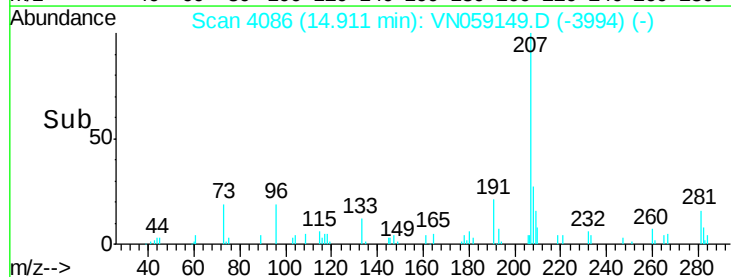
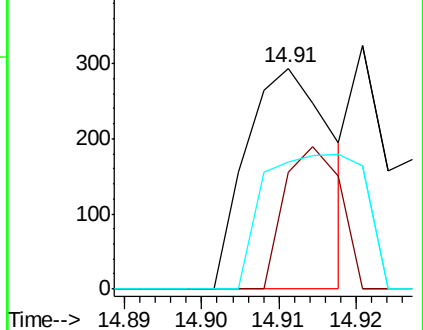
145 73.1 15.1 45.3#

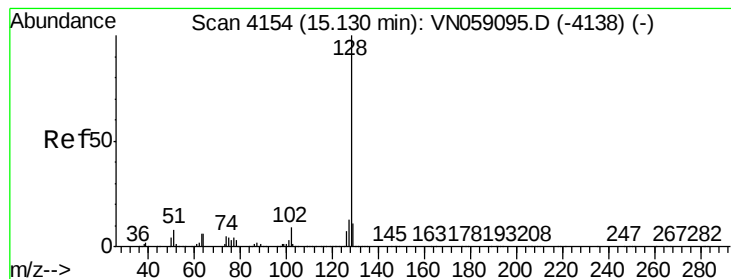


Abundance Ion 179.80 (179.50 to 180.50): VN059095.D (-4072) (-)

Ion 181.80 (181.50 to 182.50): VN059095.D (-4072) (-)

Ion 144.80 (144.50 to 145.50): VN059095.D (-4072) (-)





#95

Naphthalene

Concen: 3.114 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059149.D

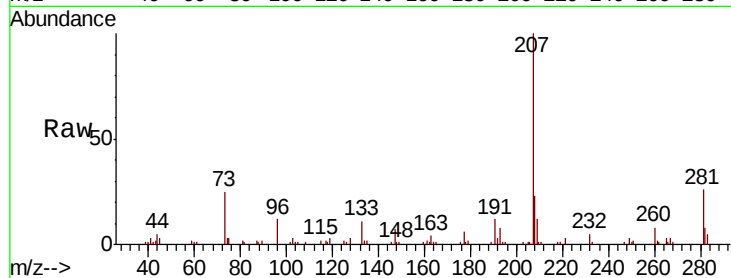
Acq: 11 Nov 2019 10:50

Instrument :

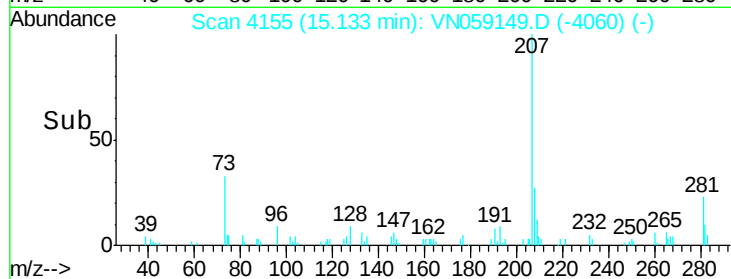
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tot Ion:	128	Resp:	854
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#



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

