

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059356.D
 Acq On : 22 Nov 2019 12:07
 Operator : JC/SP
 Sample : PB124958TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

Quant Time: Nov 22 13:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	342041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	525270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	455349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	189767	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	7.57	113	152772	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	10.08	98	638818	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	208400	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	8302	4.512	ug/l	100
17) Carbon Disulfide	4.03	76	3004	0.399	ug/l #	75
18) Methyl Acetate	4.30	43	4115	0.674	ug/l #	71
20) Methylene Chloride	4.53	84	4332	1.044	ug/l #	87
25) 2-Butanone	6.82	43	851	0.297	ug/l #	78
29) Tetrahydrofuran	7.19	42	699	0.353	ug/l #	62
31) Cyclohexane	7.64	56	6357	0.880	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	25284	4.663	ug/l #	50
38) Carbon Tetrachloride	7.64	117	31218	6.014	ug/l #	16
43) Isopropyl Acetate	8.15	43	92410	10.376	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	2223	0.524	ug/l #	45
48) Methyl methacrylate	9.17	41	5292	1.307	ug/l #	14
49) 1,4-Dioxane	9.26	88	101	1.659	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6880	1.320	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	42440	6.454	ug/l #	60
56) Ethyl methacrylate	10.54	69	1177	2.372	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7165	1.105	ug/l #	42
59) 2-Hexanone	10.76	43	100015	26.200	ug/l #	52
71) Bromoform	12.41	173	1100	0.408	ug/l #	1
74) N-amyl acetate	12.03	43	3032	0.545	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	98872	25.347	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	12312	1.059	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	98872	63.397	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	2729	0.240	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	1363	0.228	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	1363	0.231	ug/l	92
89) n-Butylbenzene	13.62	91	2644	0.257	ug/l	92
91) 1,2-Dichlorobenzene	13.67	146	1378	0.238	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	311	0.320	ug/l #	59
93) 1,2,4-Trichlorobenzene	14.91	180	3178	3.770	ug/l	96
94) Hexachlorobutadiene	15.01	225	698	0.335	ug/l	88
95) Naphthalene	15.13	128	15070	4.586	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	4230	3.055	ug/l	96

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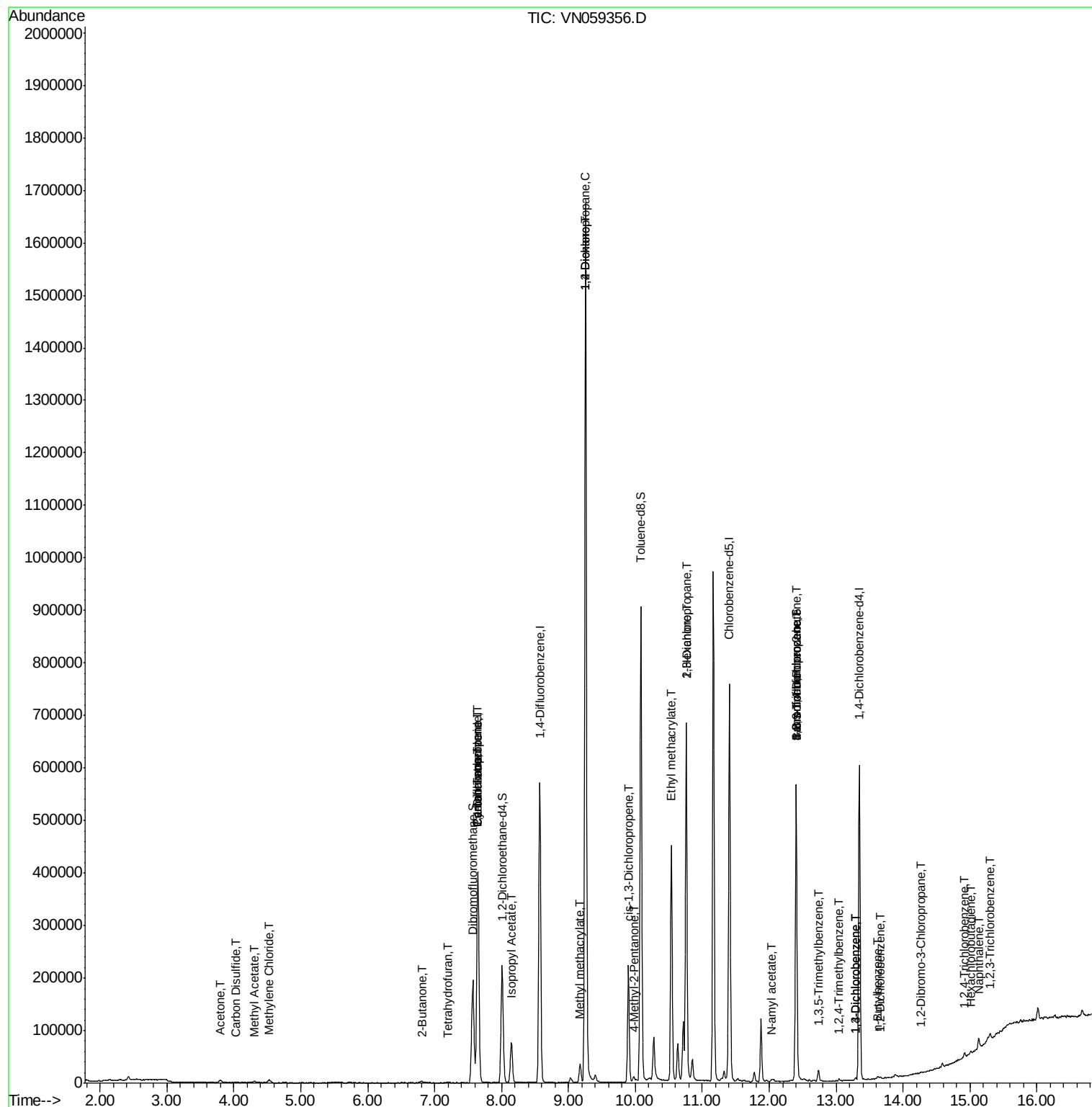
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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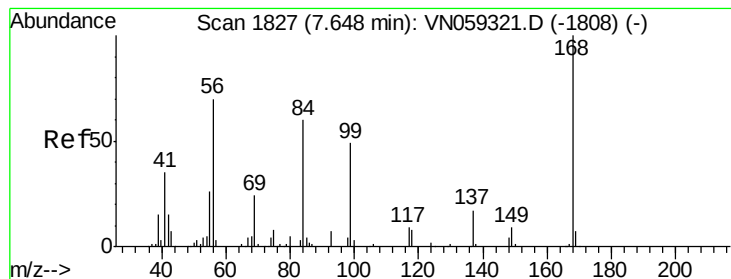
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

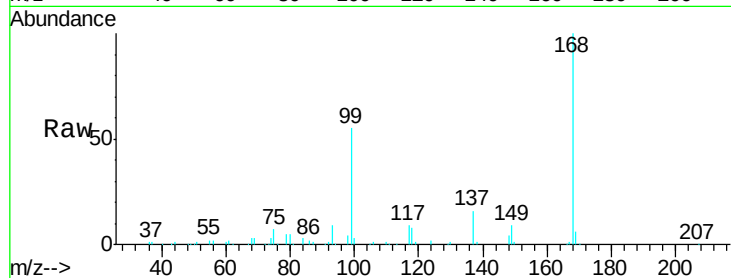
PB124958TB

Tgt Ion:168 Resp: 342041

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.65

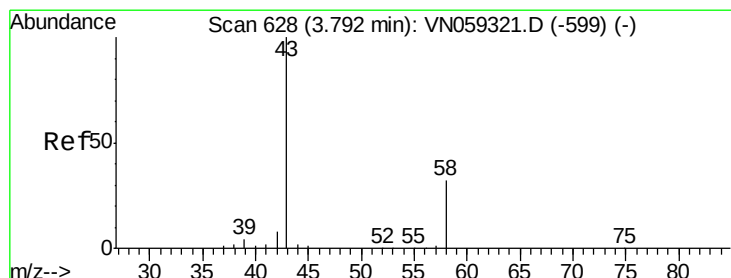
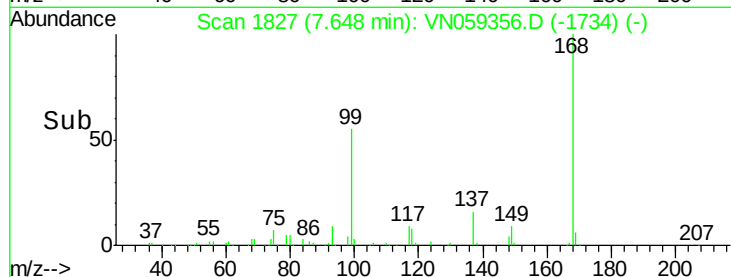
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.512 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059356.D

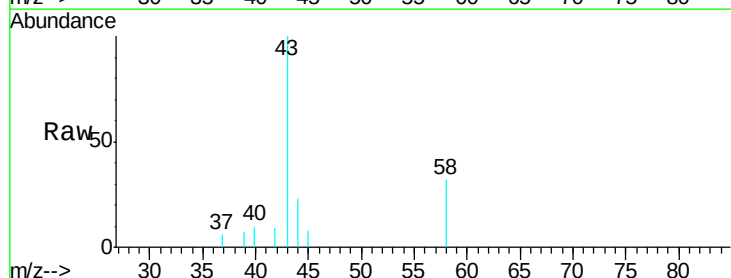
Acq: 22 Nov 2019 12:07

Tgt Ion: 43 Resp: 8302

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.80

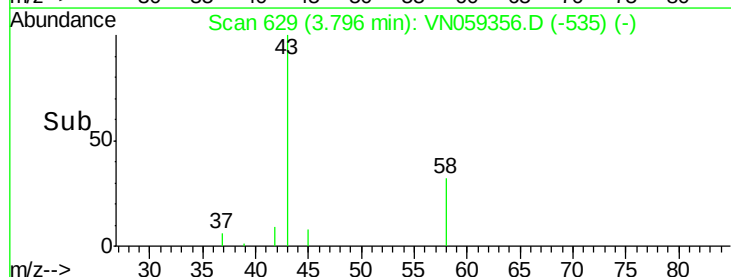
3000

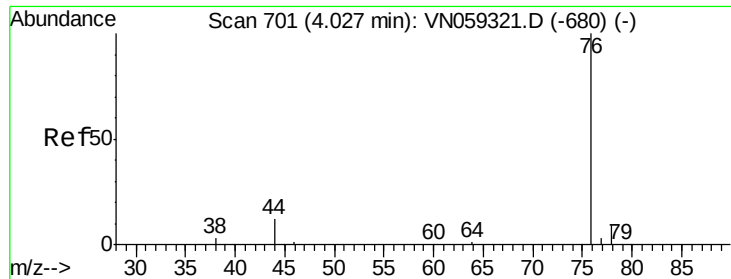
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

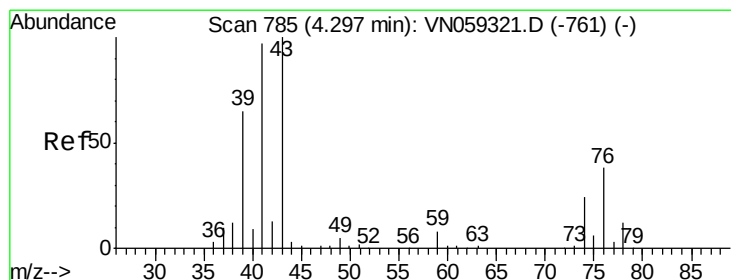
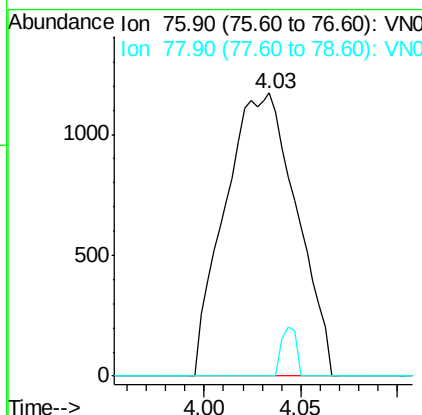
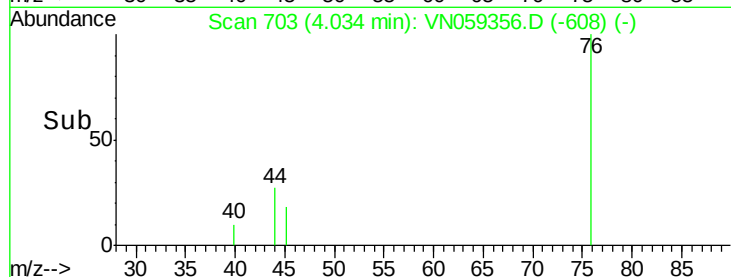
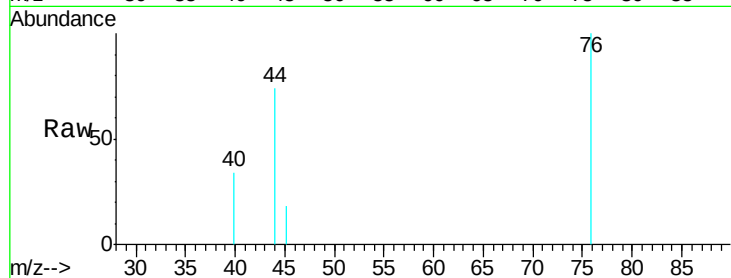




#17
Carbon Disulfide
Concen: 0.399 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

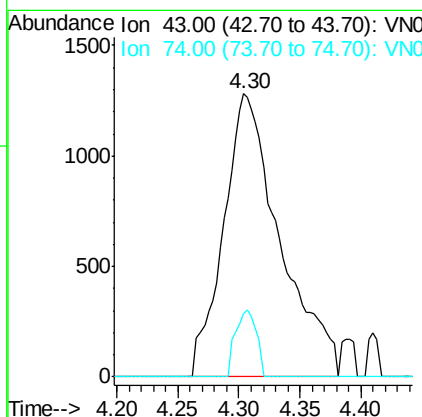
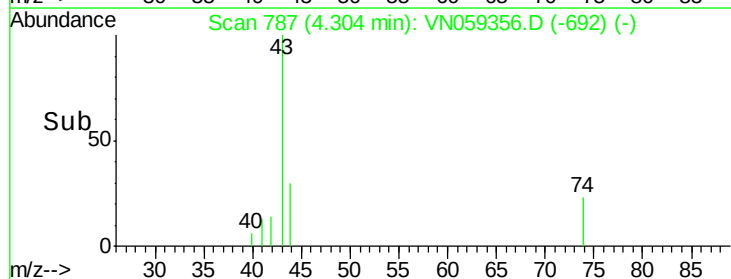
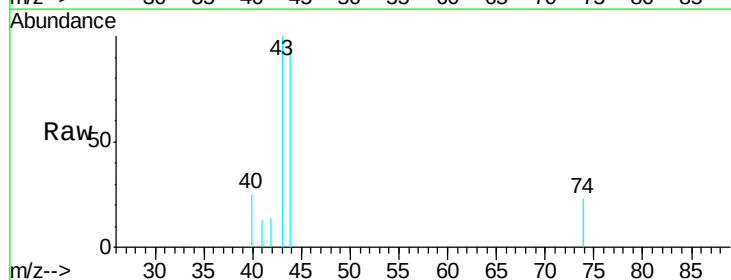
Instrument :
MSVOA_N
ClientSampled :
PB124958TB

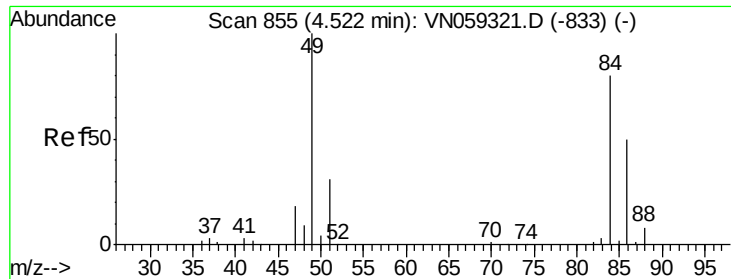
Tgt Ion: 76 Resp: 3004
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.674 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Tgt Ion: 43 Resp: 4115
Ion Ratio Lower Upper
43 100
74 8.8 18.1 27.1#

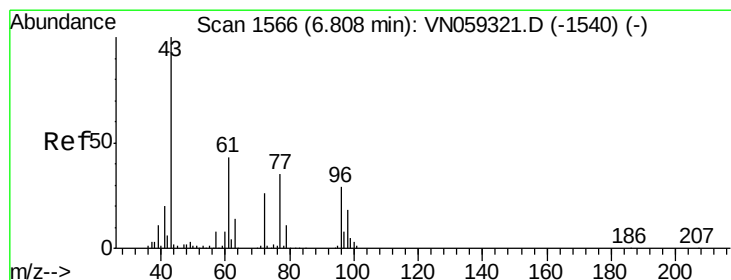
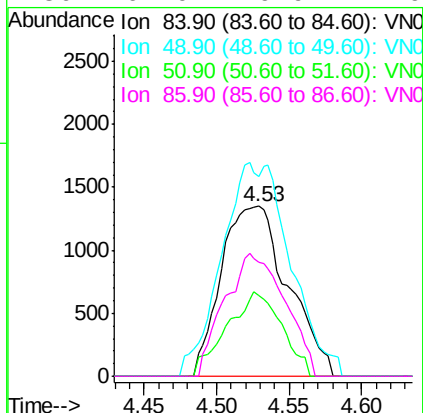
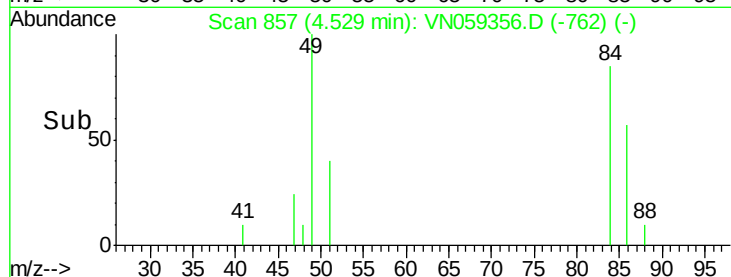
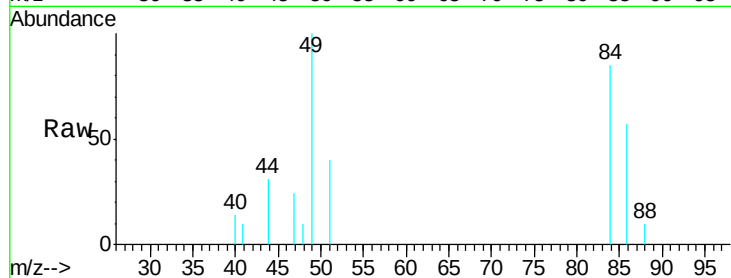




#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

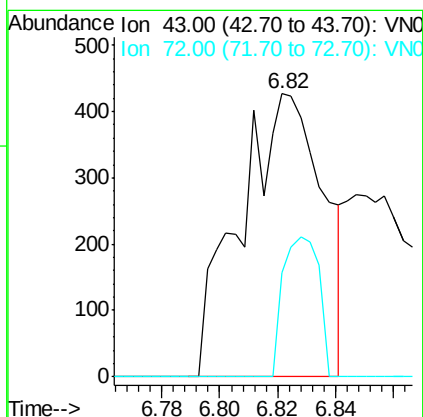
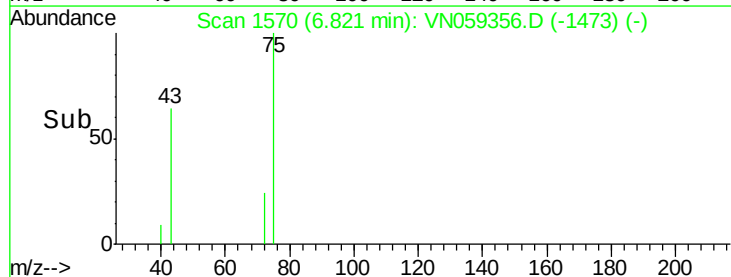
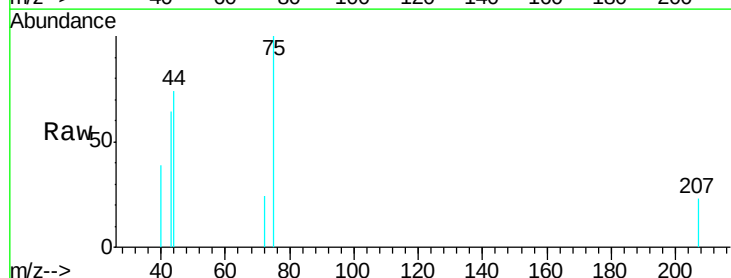
Instrument :
MSVOA_N
ClientSampled :
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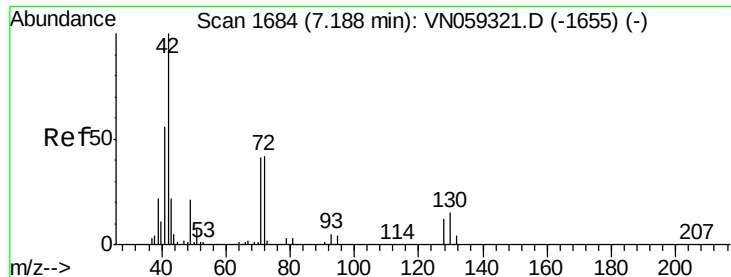
Tgt Ion: 84 Resp: 4332
Ion Ratio Lower Upper
84 100
49 106.4 99.5 149.3
51 47.4 31.1 46.7#
86 67.0 49.9 74.9



#25
2-Butanone
Concen: 0.297 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 36.8 20.5 30.7#

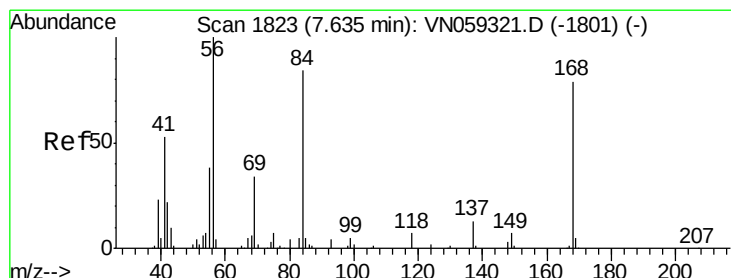
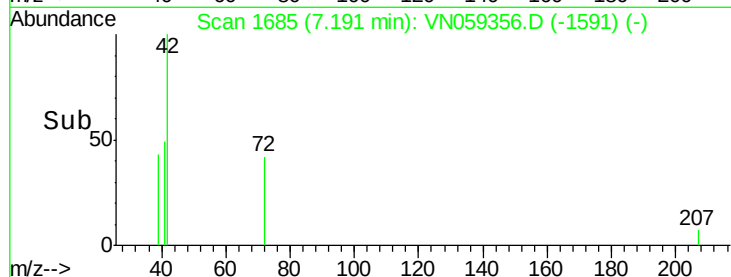
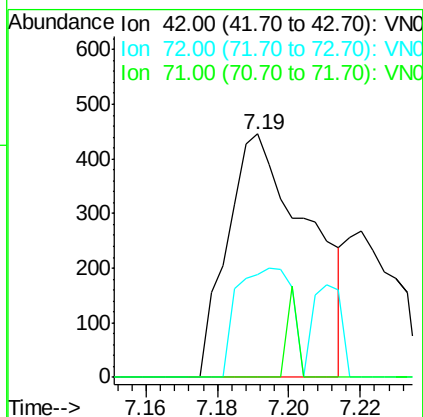
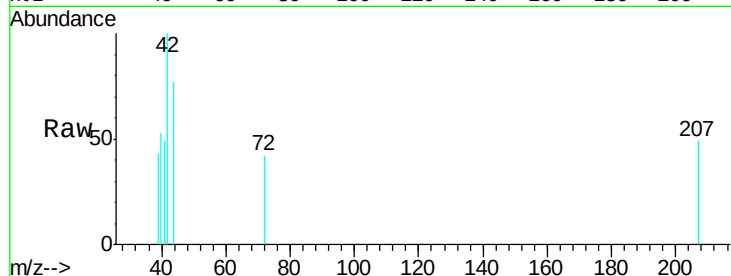




#29
Tetrahydrofuran
Concen: 0.353 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

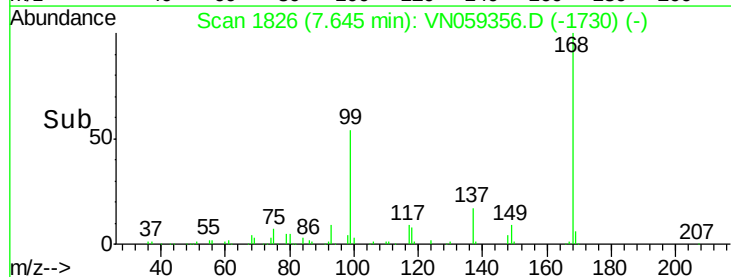
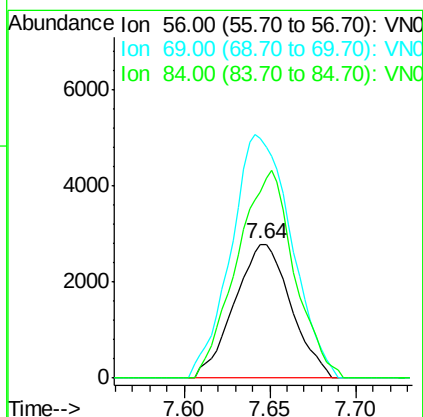
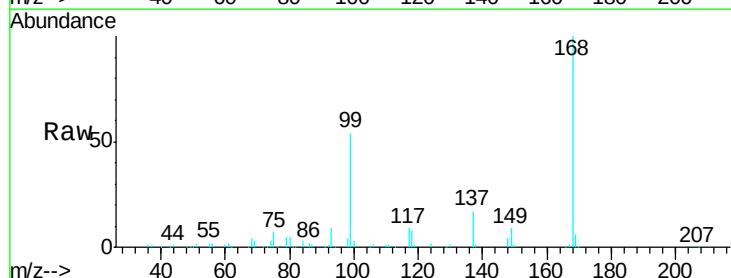
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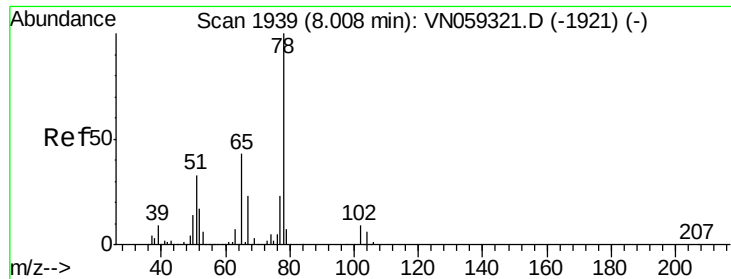
Tgt Ion: 42 Resp: 699
Ion Ratio Lower Upper
42 100
72 30.2 34.2 51.2#
71 4.6 32.6 48.8#



#31
Cyclohexane
Concen: 0.880 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Tgt Ion: 56 Resp: 6357
Ion Ratio Lower Upper
56 100
69 178.9 26.6 40.0#
84 138.7 67.0 100.4#

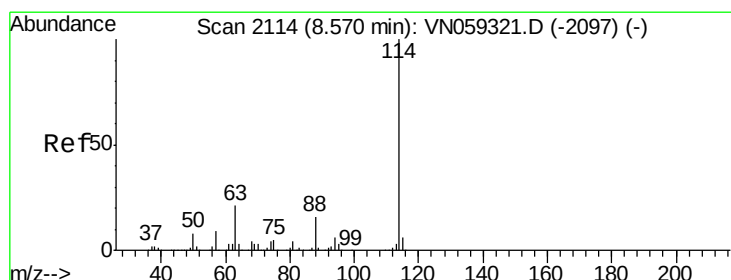
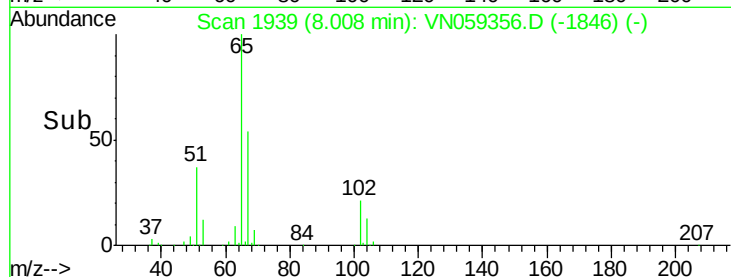
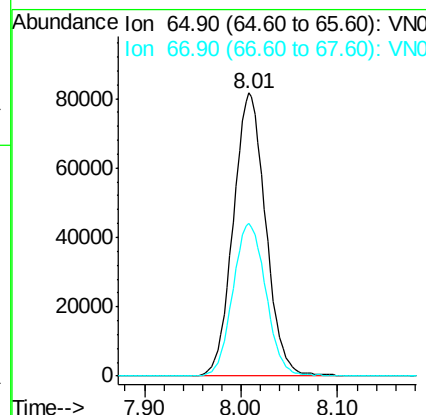
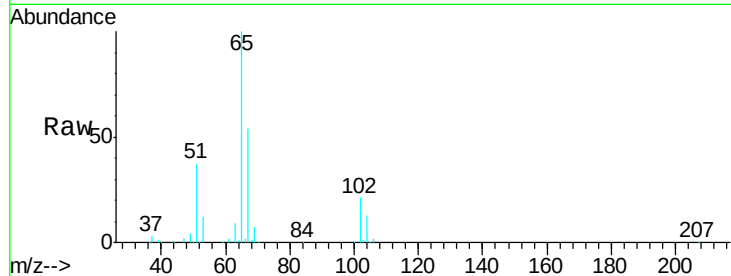




#33
 1,2-Dichloroethane-d4
 Concen: 46.240 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

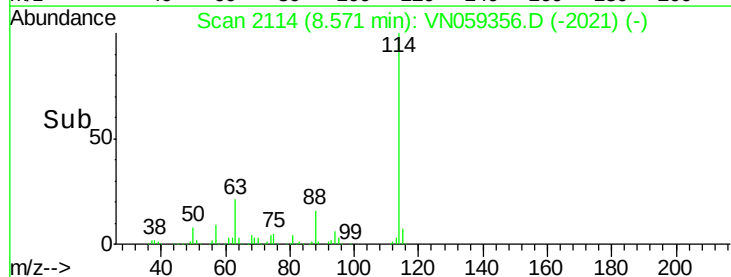
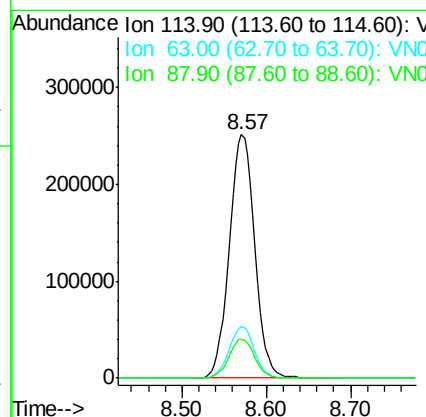
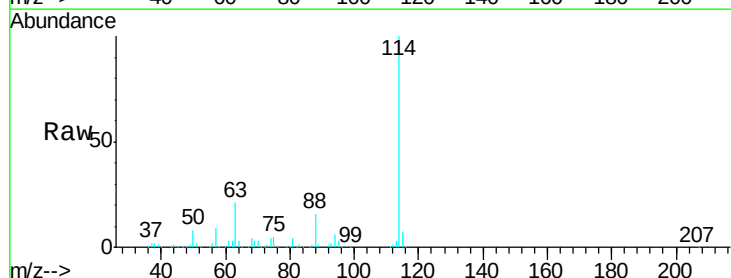
Instrument :
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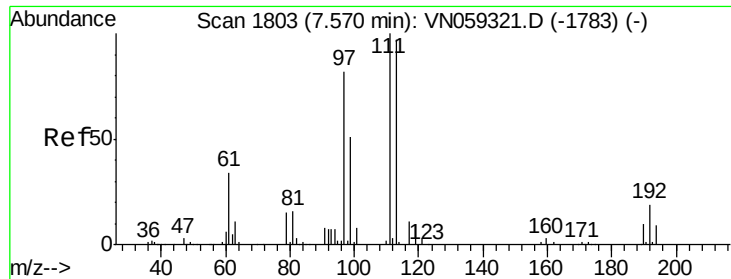
Tgt Ion: 65 Resp: 189767
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion: 114 Resp: 525270
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 16.0 0.0 32.2

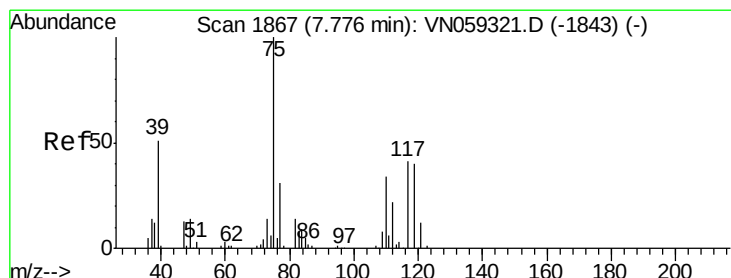
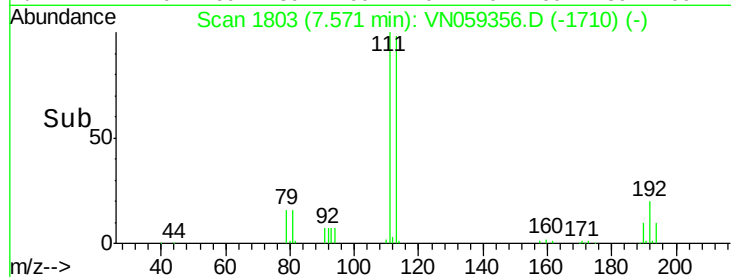
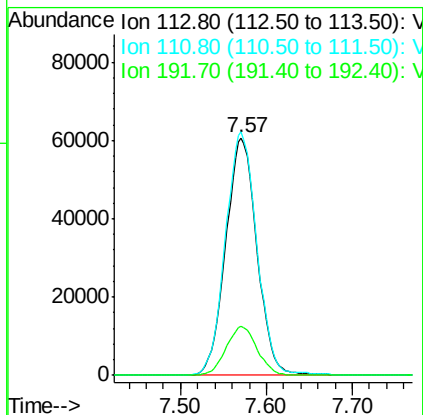
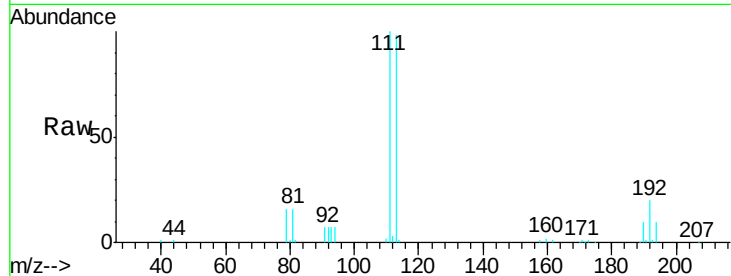




#35
 Dibromofluoromethane
 Concen: 48.479 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

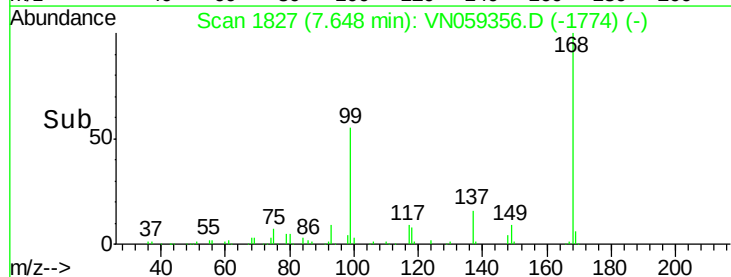
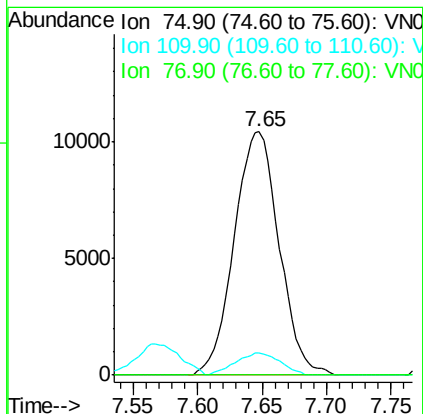
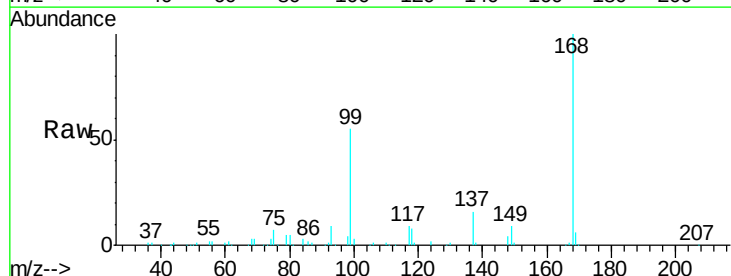
Instrument :
 MSVOA_N
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 PB124958TB

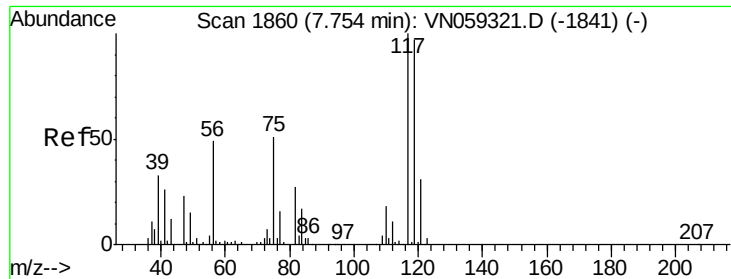
Tgt Ion: 113 Resp: 152772
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.7 124.1
 192 20.4 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion: 75 Resp: 25284
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 51.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

PB124958TB

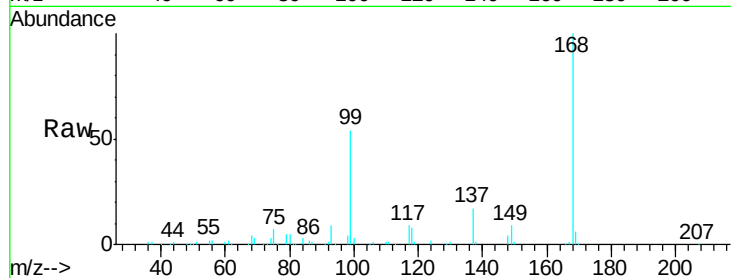
Tgt Ion:117 Resp: 31218

Ion Ratio Lower Upper

117 100

119 5.8 77.0 115.4#

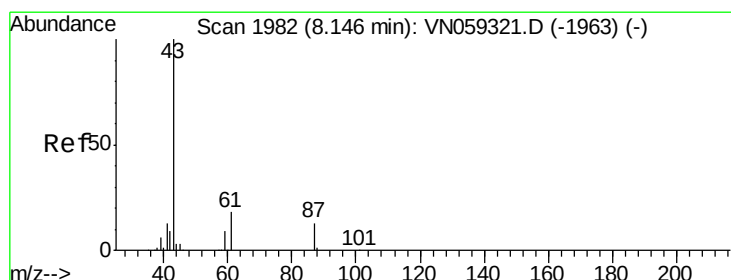
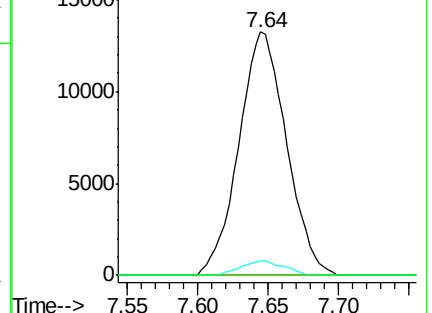
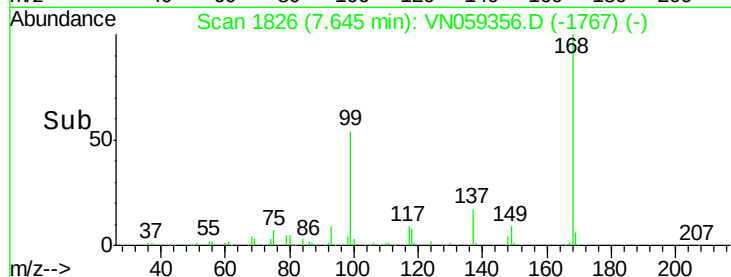
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 10.376 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

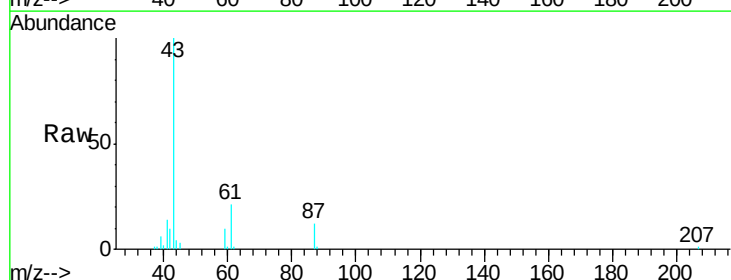
Tgt Ion: 43 Resp: 92410

Ion Ratio Lower Upper

43 100

61 21.2 21.7 32.5#

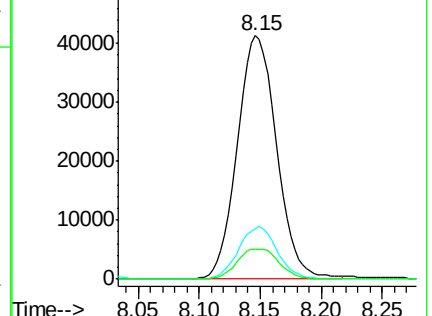
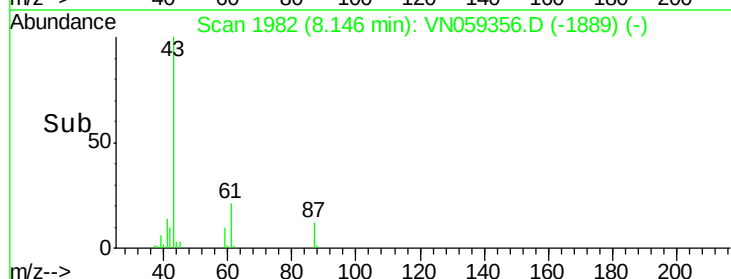
87 13.1 10.2 15.4

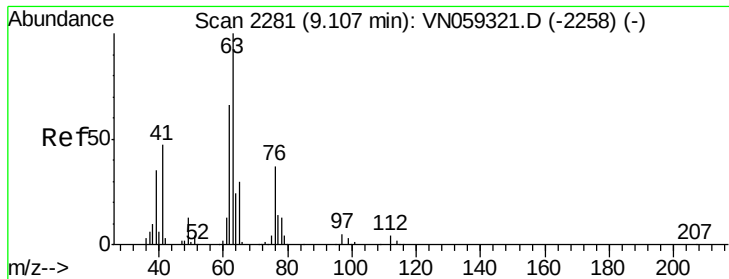


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

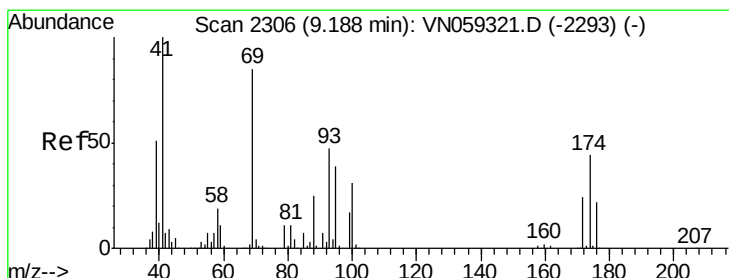
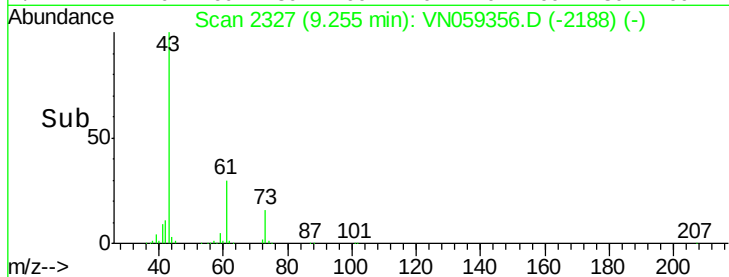
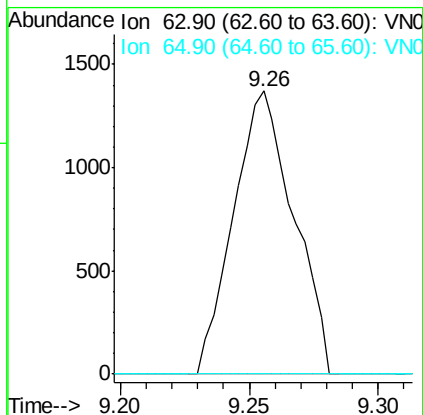
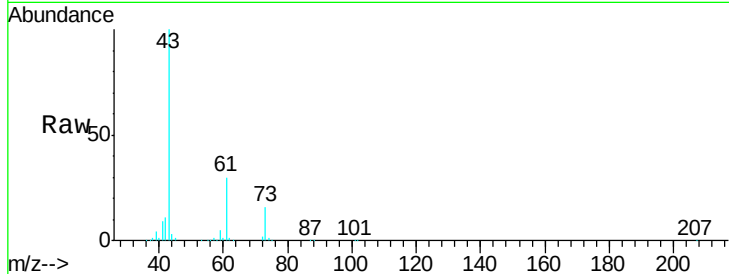




#45
 1,2-Dichloropropane
 Concen: 0.524 ug/l
 RT: 9.26 min Scan# 2327
 Delta R.T. 0.15 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

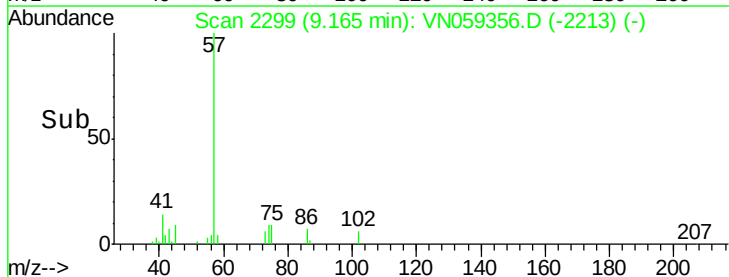
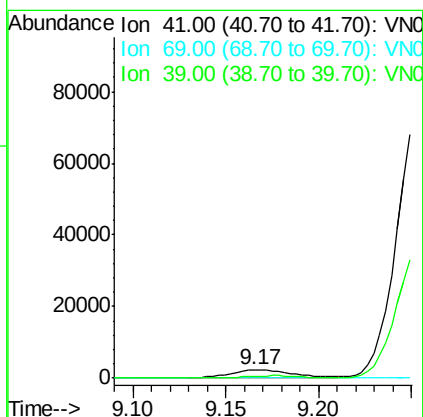
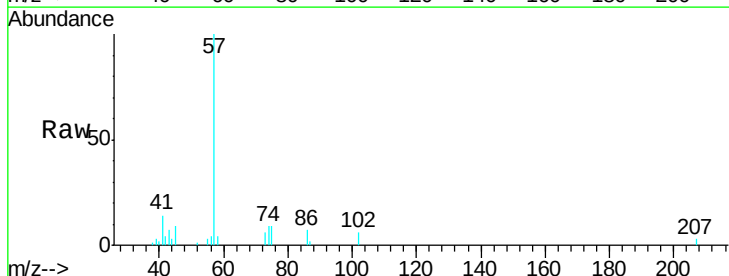
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

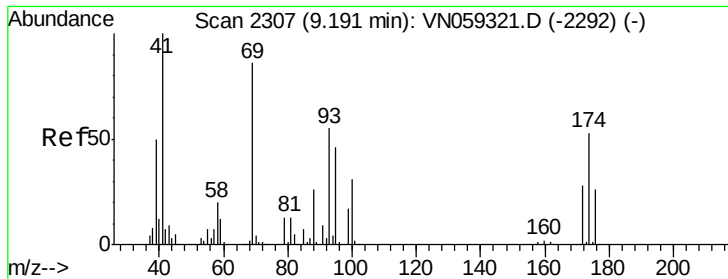
Tgt Ion: 63 Resp: 2223
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.9 35.9#



#48
 Methyl methacrylate
 Concen: 1.307 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion: 41 Resp: 5292
 Ion Ratio Lower Upper
 41 100
 69 0.0 68.8 103.2#
 39 0.0 42.1 63.1#





#49

1,4-Dioxane

Concen: 1.659 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.07 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

PB124958TB

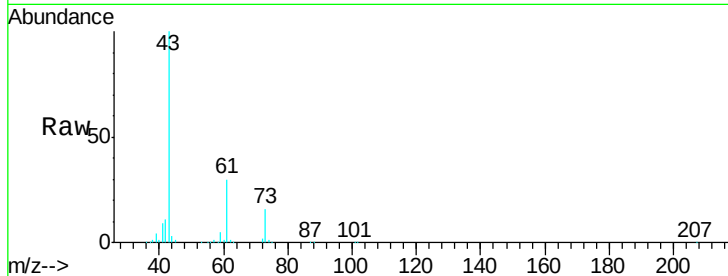
Tgt Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 1632897.0 26.9 40.3#

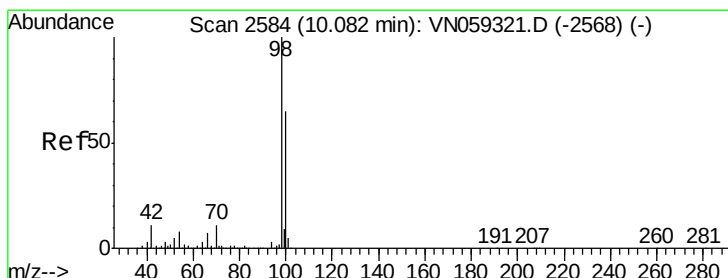
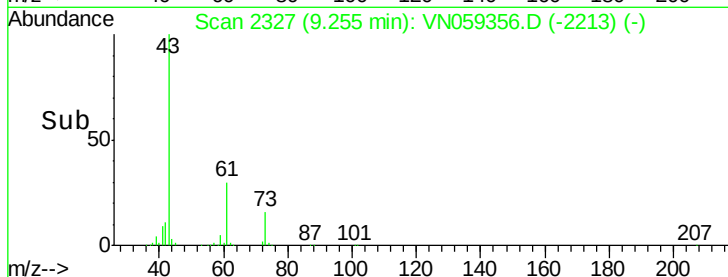
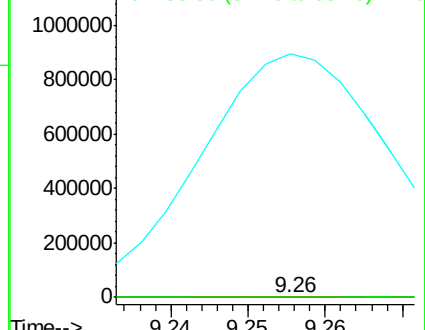
58 6295.0 59.2 88.8#



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: 50.992 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059356.D

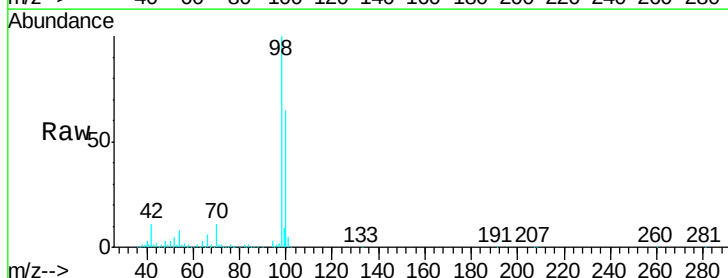
Acq: 22 Nov 2019 12:07

Tgt Ion: 98 Resp: 638818

Ion Ratio Lower Upper

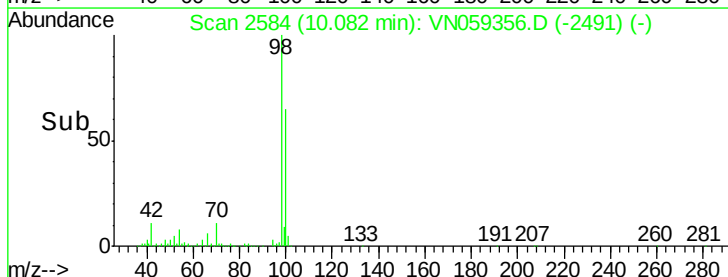
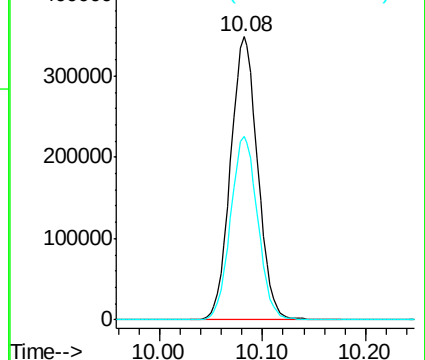
98 100

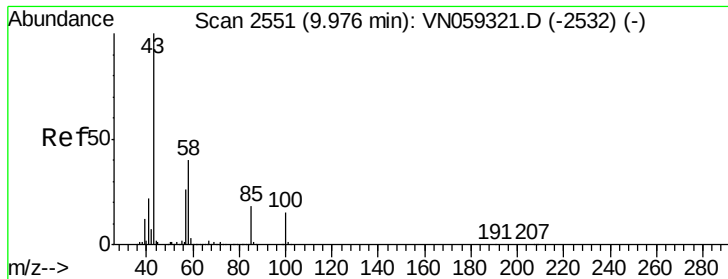
100 65.0 51.7 77.5



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: 1.320 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

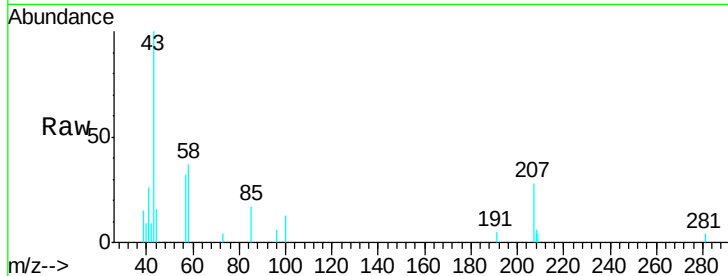
PB124958TB

Tgt Ion: 43 Resp: 6880

Ion Ratio Lower Upper

43 100

58 36.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

4000

2000

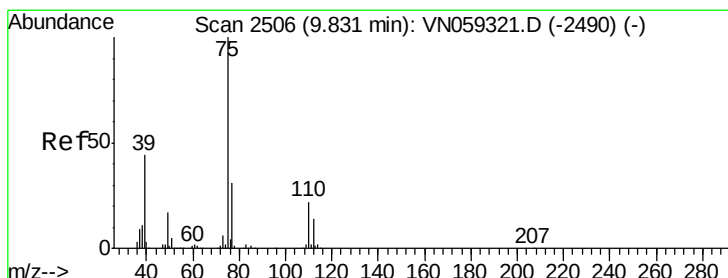
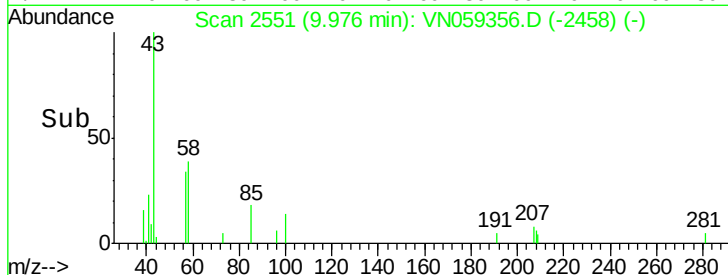
0

9.95

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.454 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

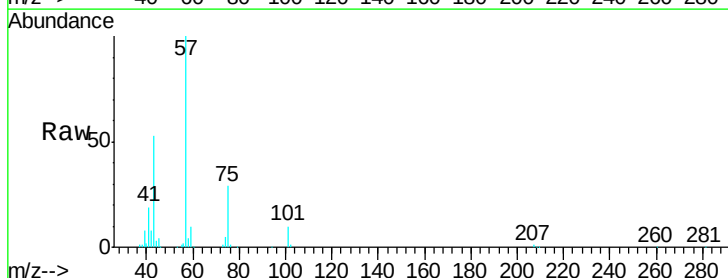
Tgt Ion: 75 Resp: 42440

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 26.1 35.5 53.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

30000

25000

20000

15000

10000

5000

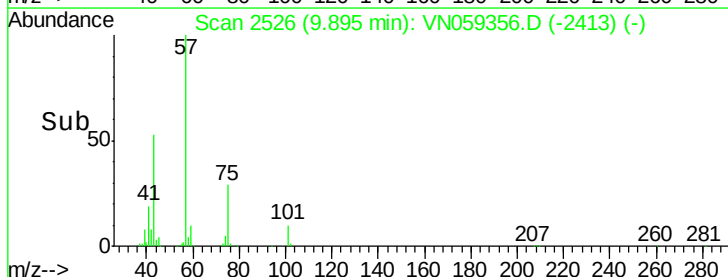
0

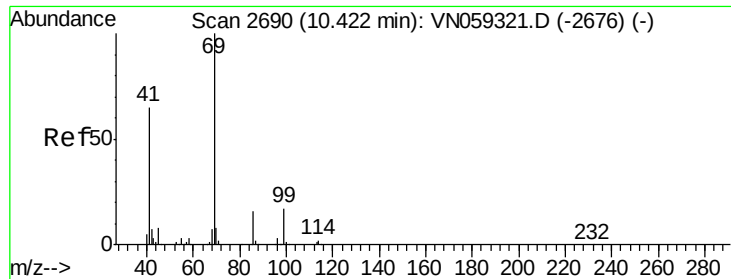
9.85

9.90

9.95

Time-->





#56

Ethyl methacrylate

Concen: 2.372 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

PB124958TB

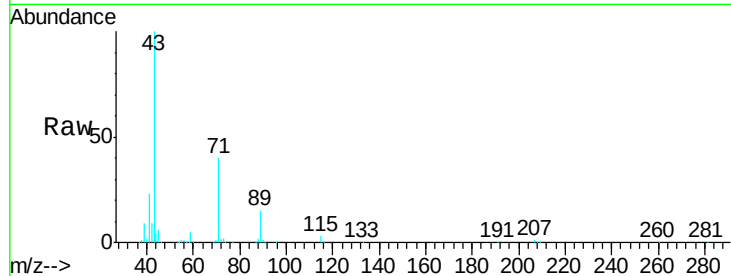
Tgt Ion: 69 Resp: 1177

Ion Ratio Lower Upper

69 100

41 6545.6 51.7 77.5#

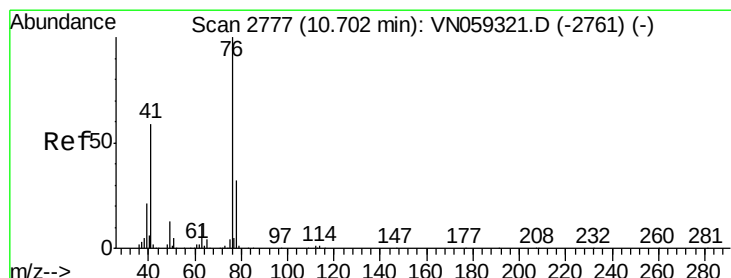
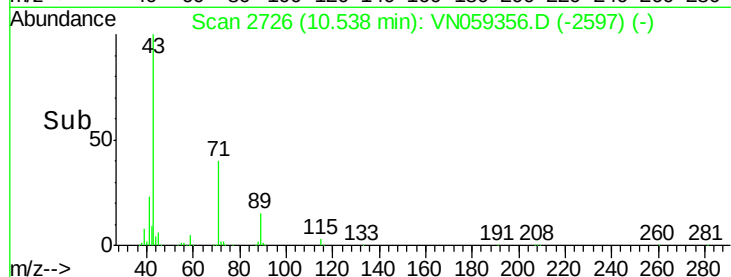
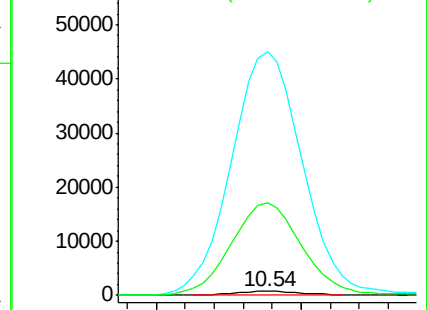
39 2471.1 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.105 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059356.D

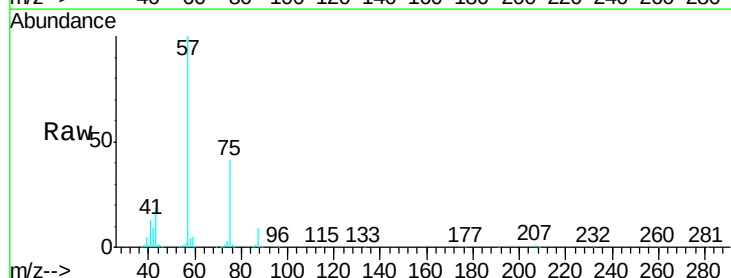
Acq: 22 Nov 2019 12:07

Tgt Ion: 76 Resp: 7165

Ion Ratio Lower Upper

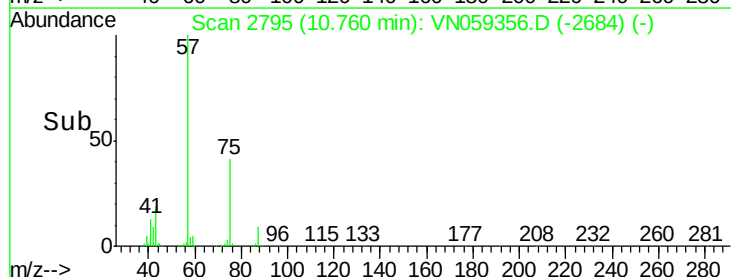
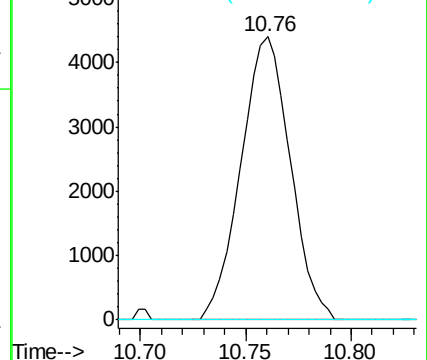
76 100

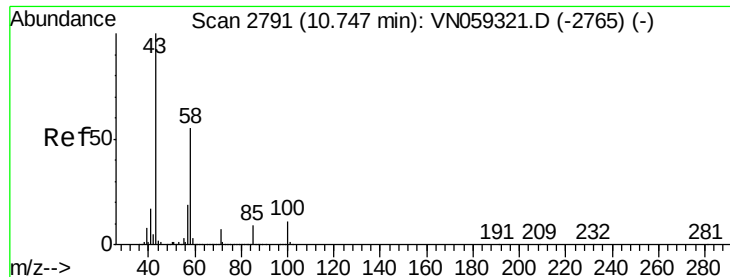
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

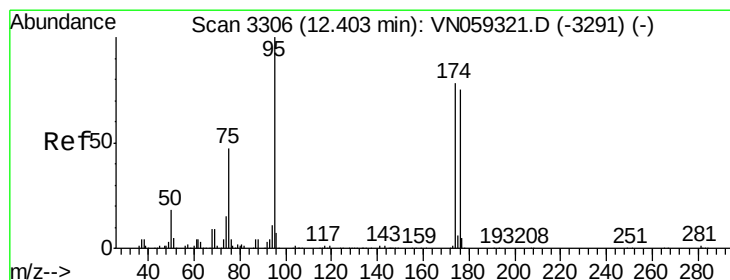
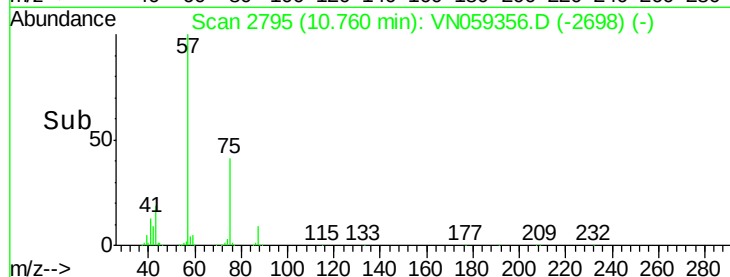
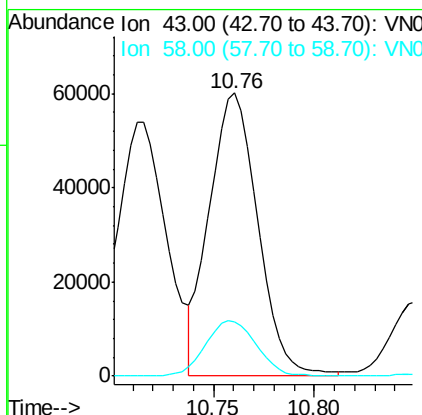
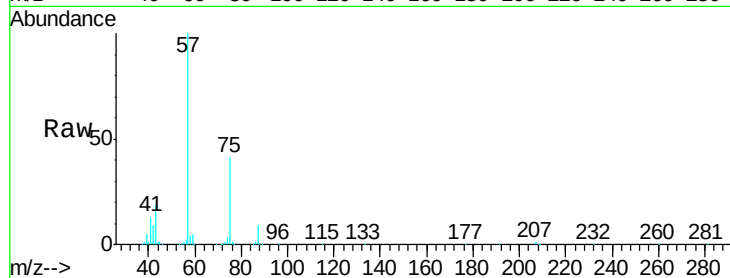




#59
2-Hexanone
Concen: 26.200 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

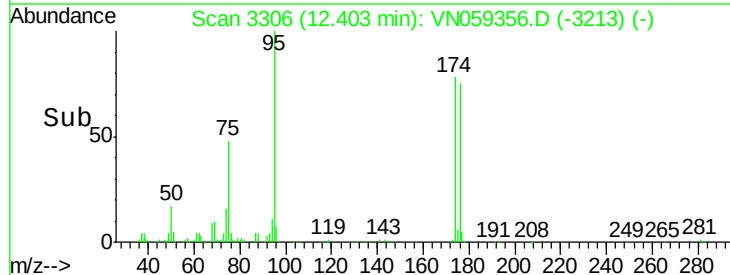
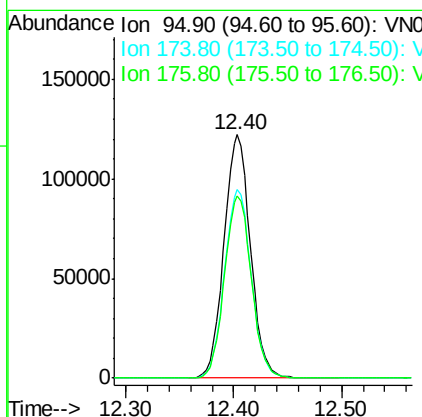
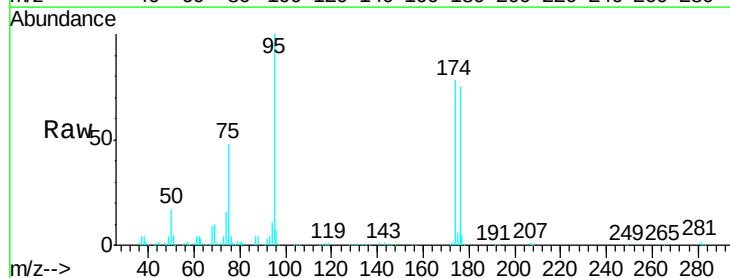
Instrument :
MSVOA_N
ClientSampled :
PB124958TB

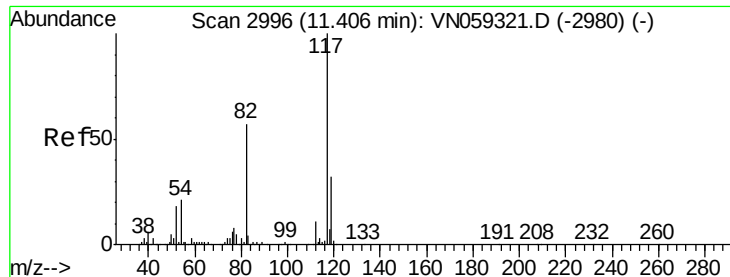
Tgt Ion: 43 Resp: 100015
Ion Ratio Lower Upper
43 100
58 20.8 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Tgt Ion: 95 Resp: 208400
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.4
176 76.1 0.0 151.2

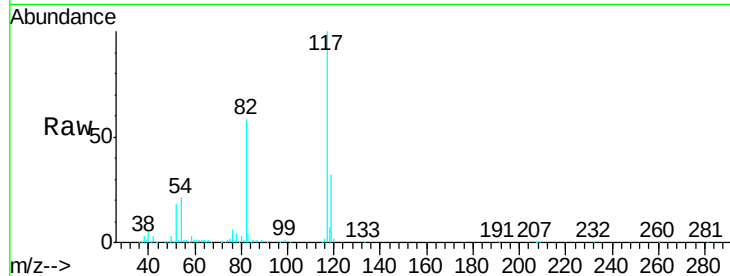




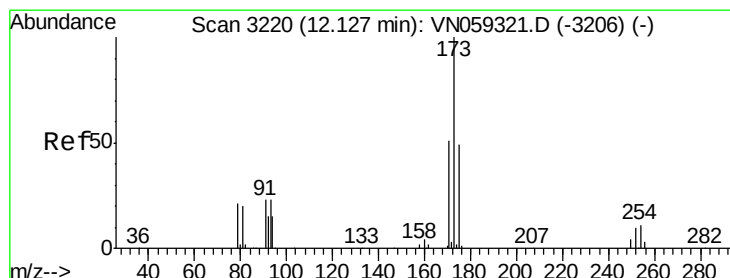
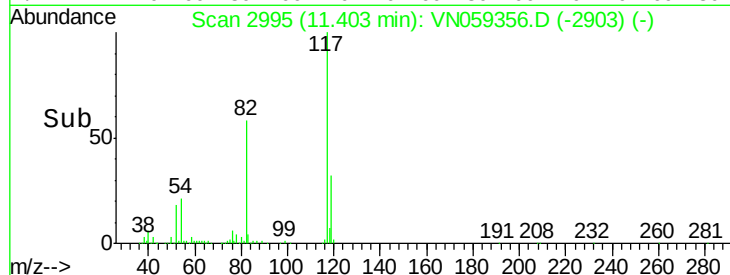
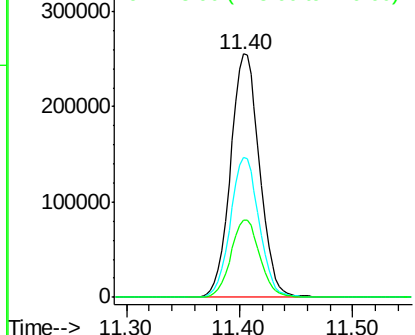
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB124958TB

Tgt Ion:117 Resp: 455349
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 31.8 25.8 38.6

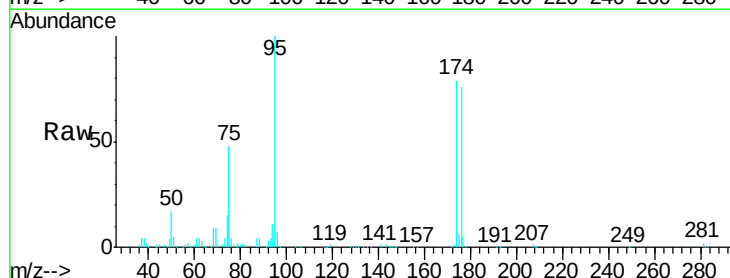


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

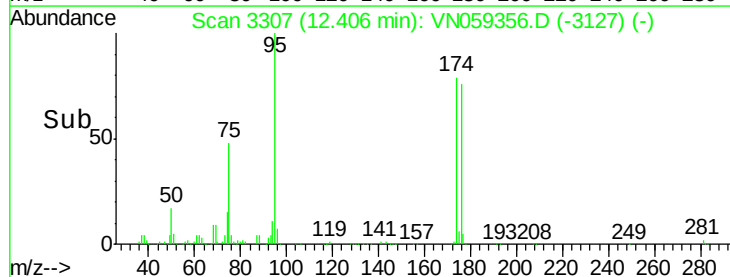
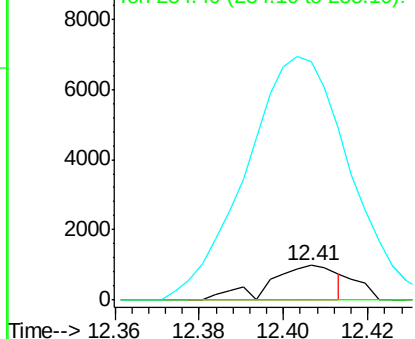


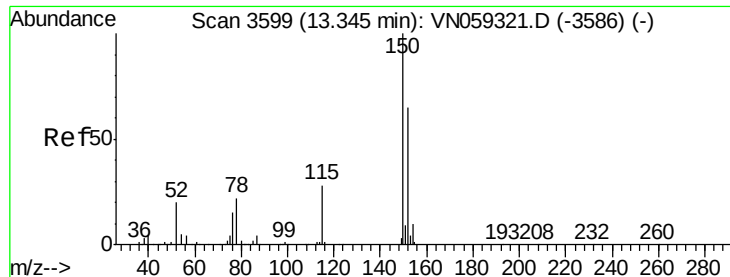
#71
Bromoform
Concen: 0.408 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059356.D
Acq: 22 Nov 2019 12:07

Tgt Ion:173 Resp: 1100
Ion Ratio Lower Upper
173 100
175 900.0 24.6 73.6#
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# 3599

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

PB124958TB

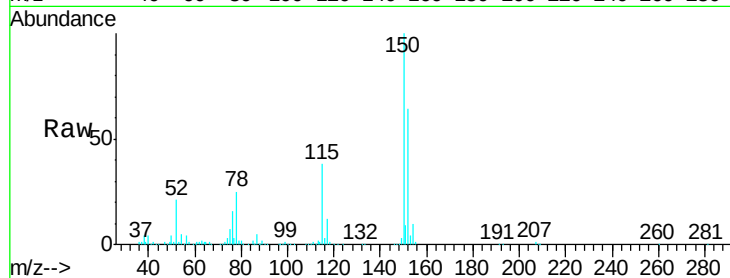
Tgt Ion: 152 Resp: 168845

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

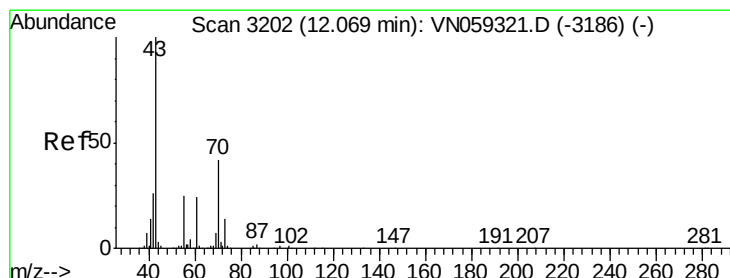
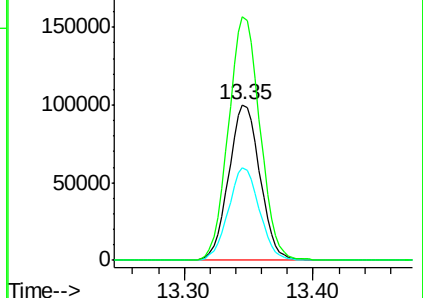
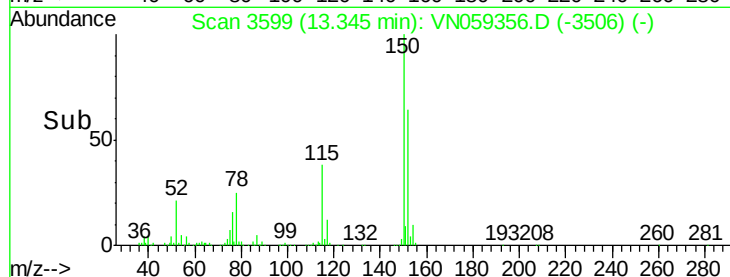
150 157.9 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.545 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Tgt Ion: 43 Resp: 3032

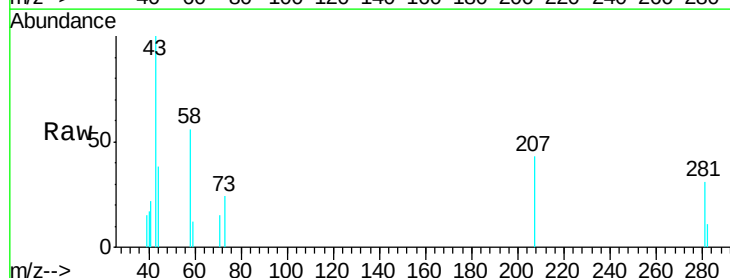
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

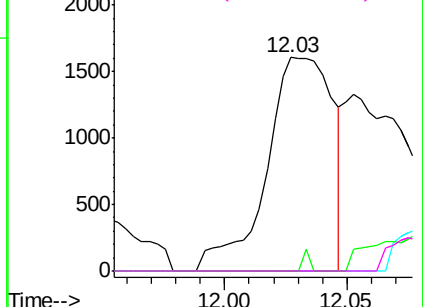
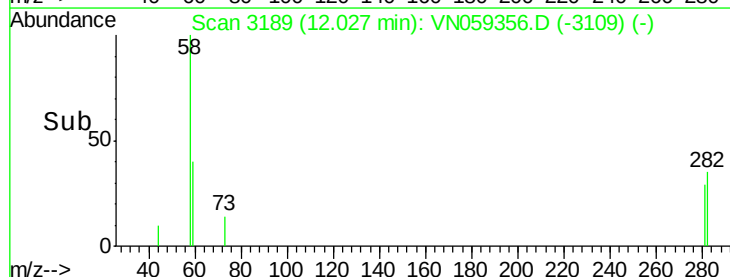


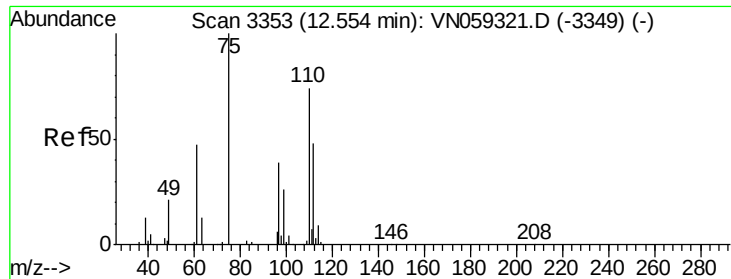
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 25.347 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

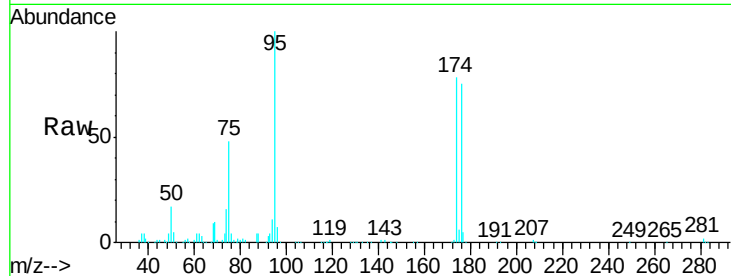
PB124958TB

Tgt Ion: 75 Resp: 98872

Ion Ratio Lower Upper

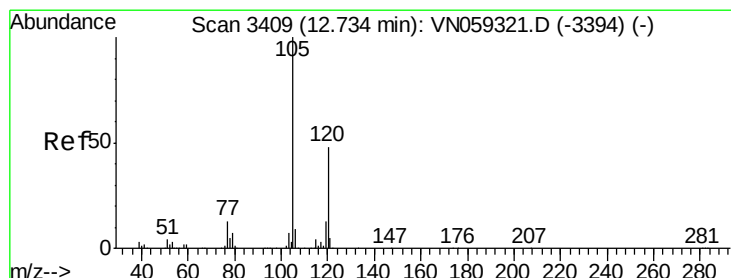
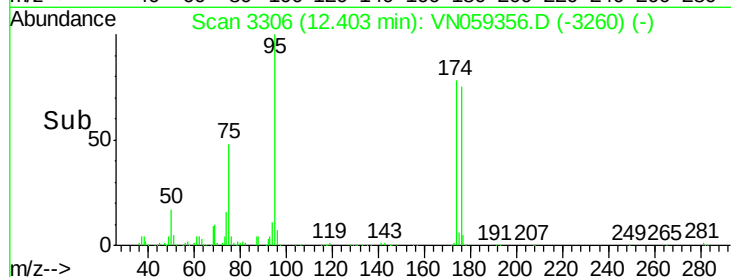
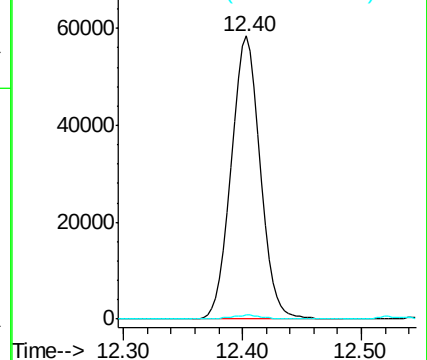
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 1.059 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059356.D

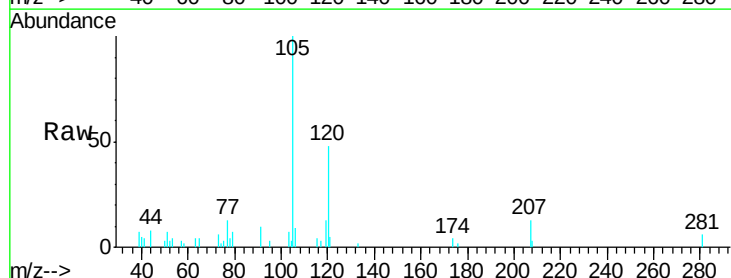
Acq: 22 Nov 2019 12:07

Tgt Ion: 105 Resp: 12312

Ion Ratio Lower Upper

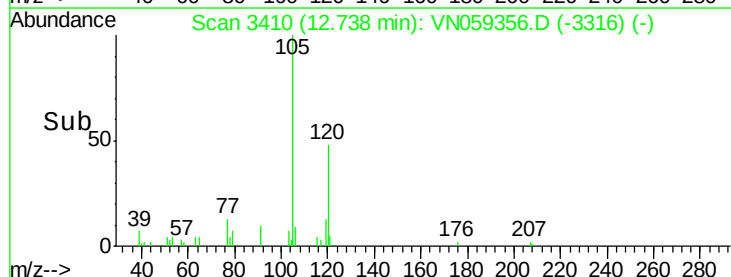
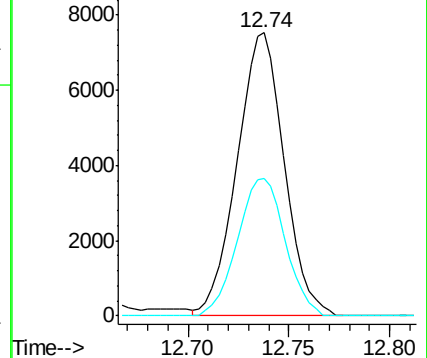
105 100

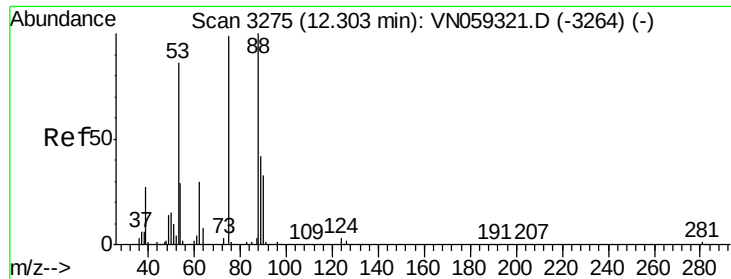
120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 63.397 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampleId :

PB124958TB

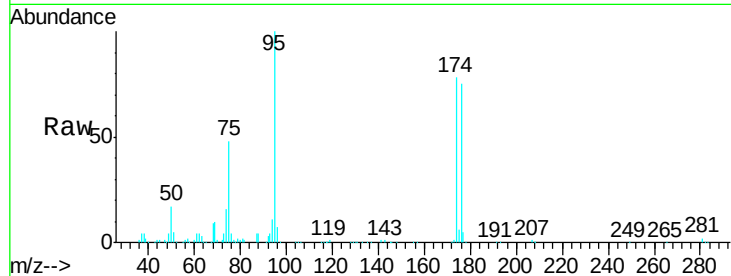
Tgt Ion: 75 Resp: 98872

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

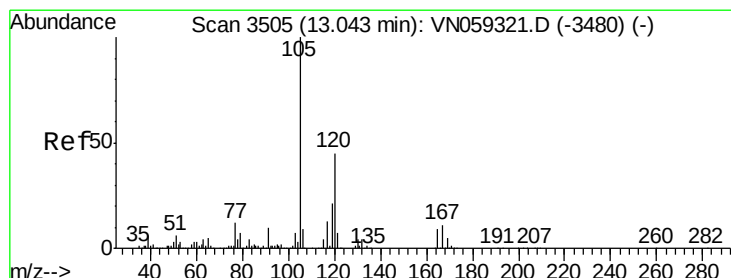
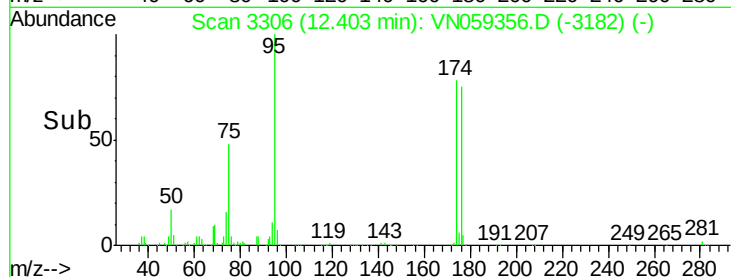
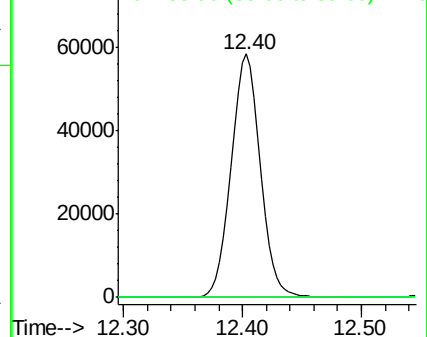
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN059321.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN059321.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.240 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059356.D

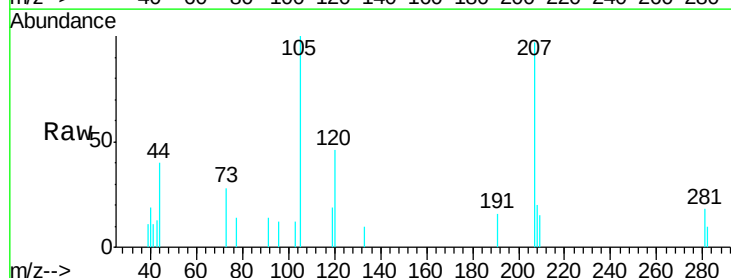
Acq: 22 Nov 2019 12:07

Tgt Ion: 105 Resp: 2729

Ion Ratio Lower Upper

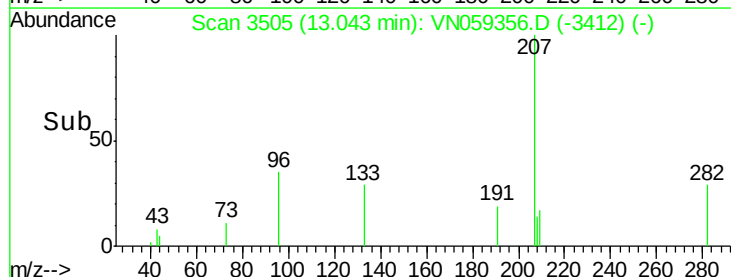
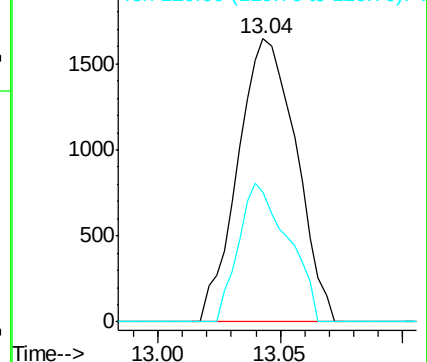
105 100

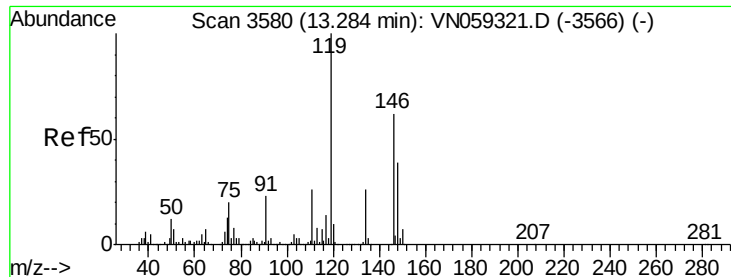
120 41.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3480) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3480) (-)

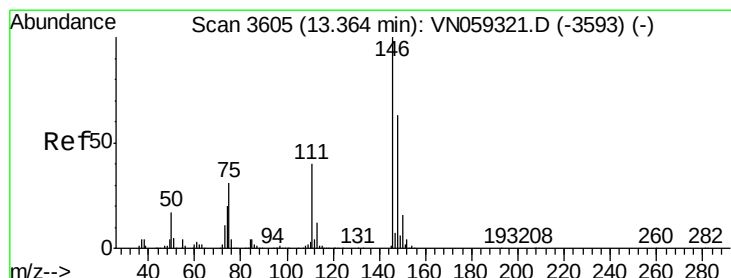
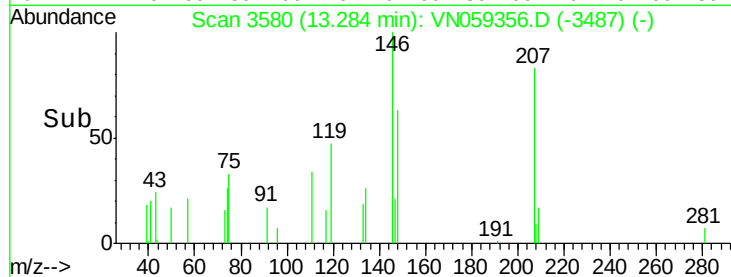
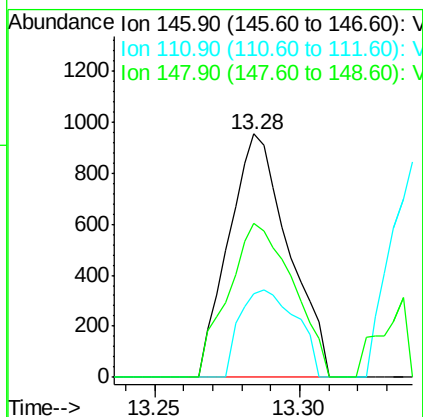
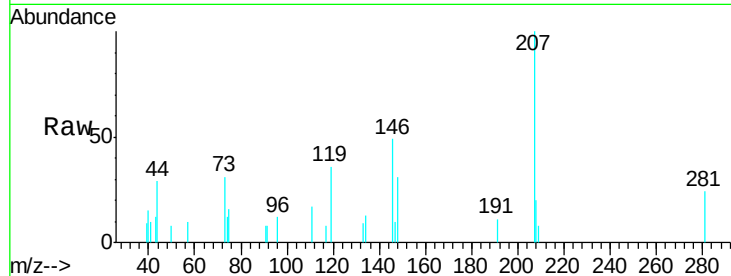




#87
 1,3-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

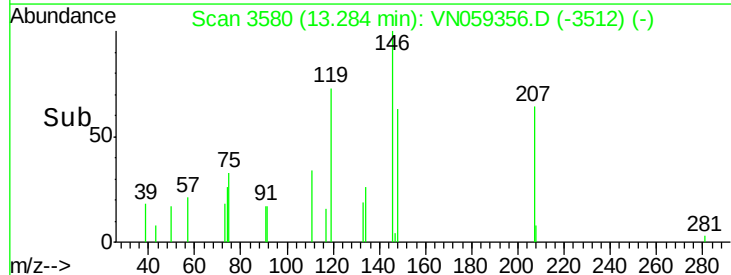
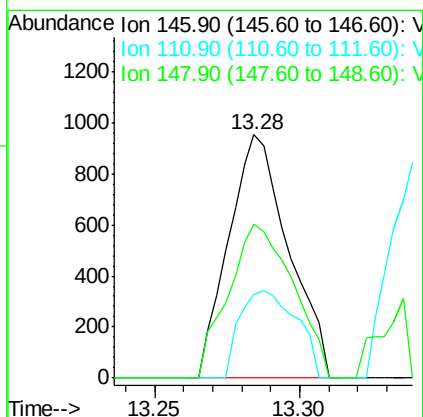
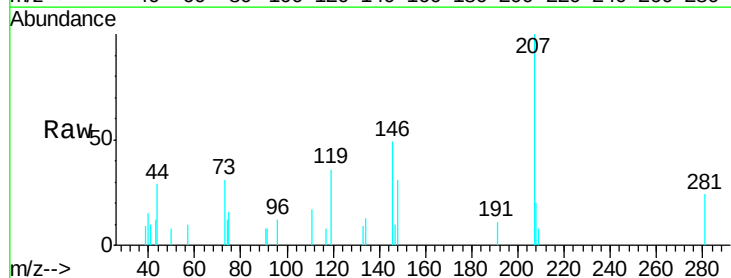
Instrument :
 MSVOA_N
 ClientSampled :
 PB124958TB

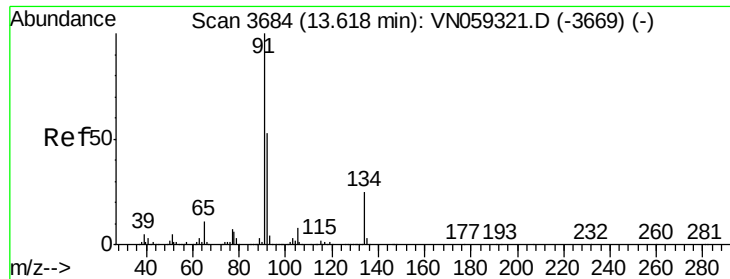
Tgt Ion:146 Resp: 1363
 Ion Ratio Lower Upper
 146 100
 111 33.8 20.6 61.8
 148 68.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion:146 Resp: 1363
 Ion Ratio Lower Upper
 146 100
 111 33.8 20.1 60.3
 148 68.6 31.7 95.1





#89

n-Butylbenzene

Concen: 0.257 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Instrument :

MSVOA_N

ClientSampled :

PB124958TB

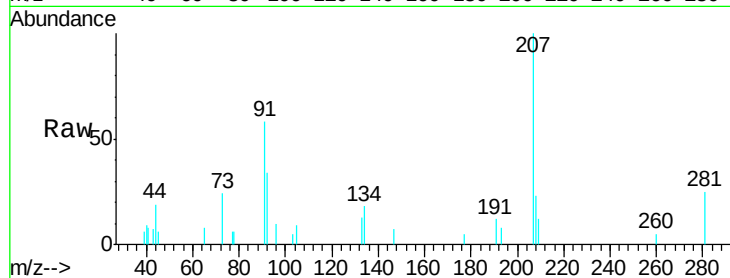
Tgt Ion: 91 Resp: 2644

Ion Ratio Lower Upper

91 100

92 57.7 26.0 78.0

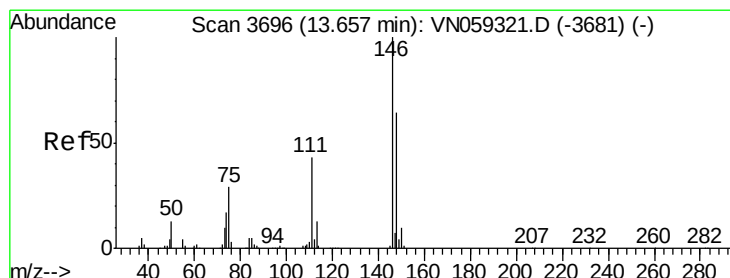
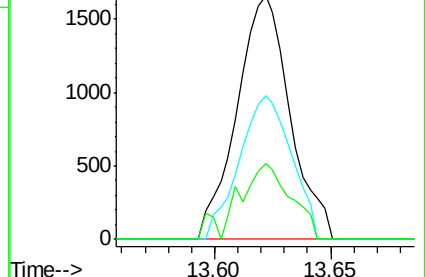
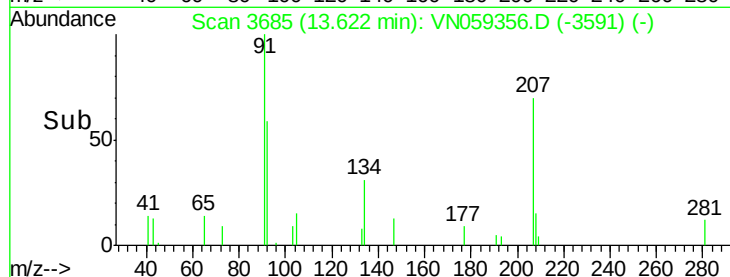
134 28.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#91

1,2-Dichlorobenzene

Concen: 0.238 ug/l

RT: 13.67 min Scan# 3699

Delta R.T. 0.01 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

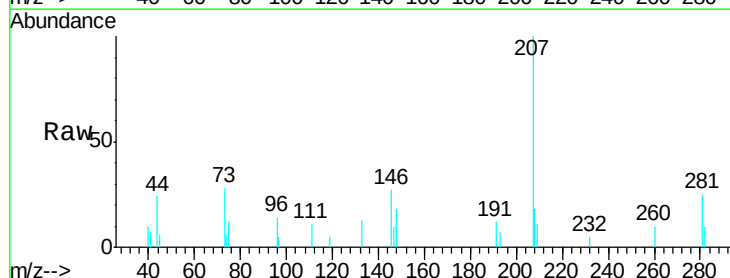
Tgt Ion: 146 Resp: 1378

Ion Ratio Lower Upper

146 100

111 42.3 21.3 64.0

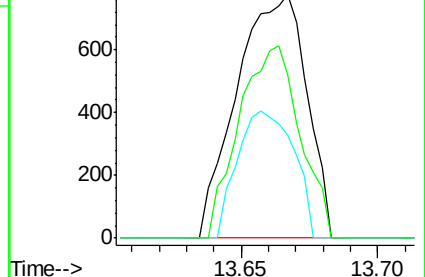
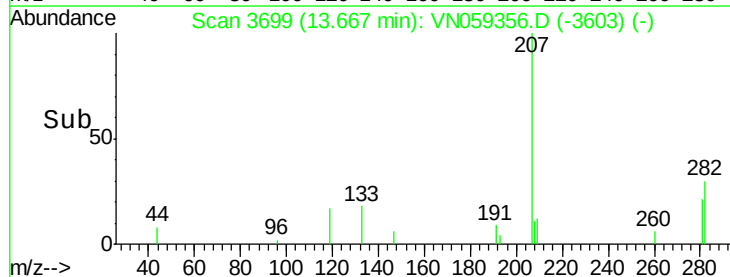
148 68.8 31.9 95.5

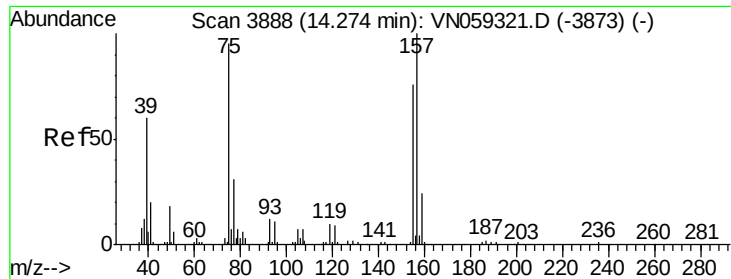


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

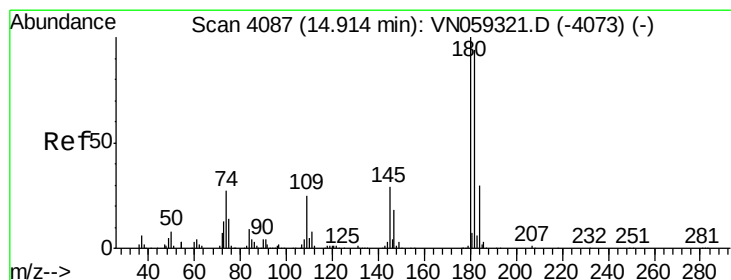
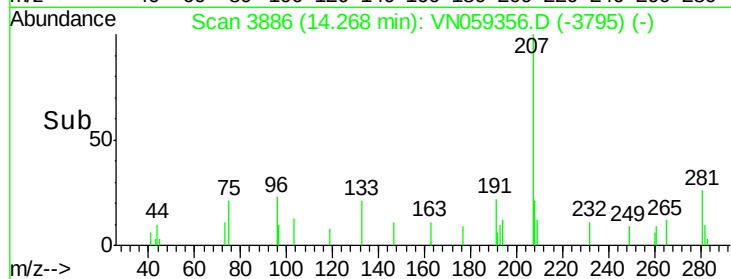
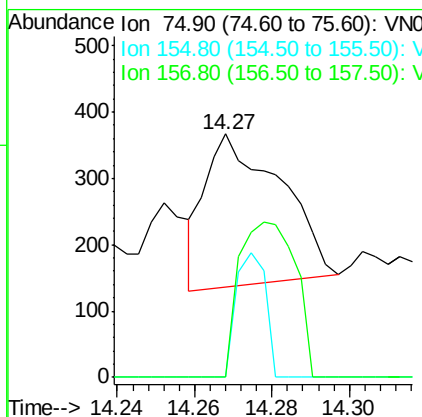
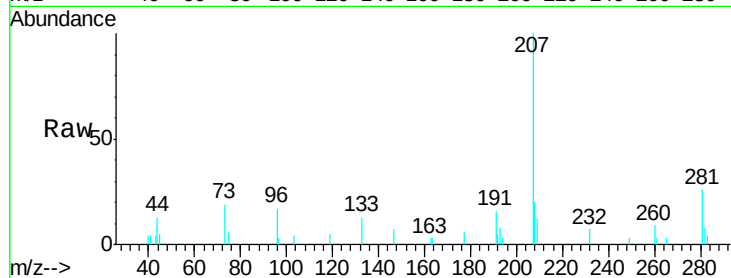




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.320 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.01 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

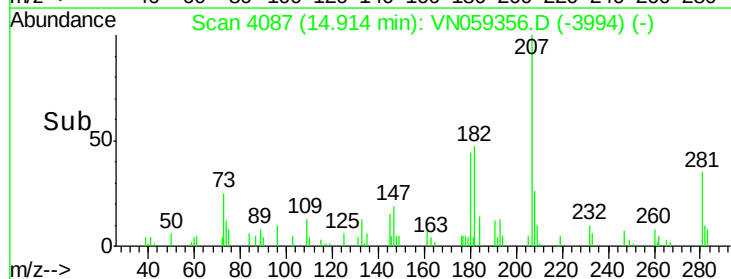
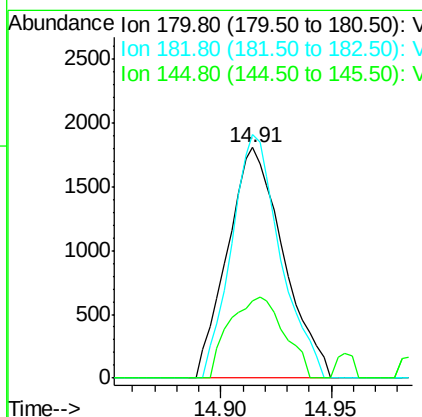
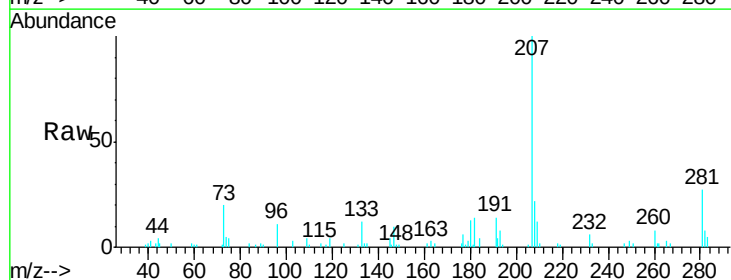
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

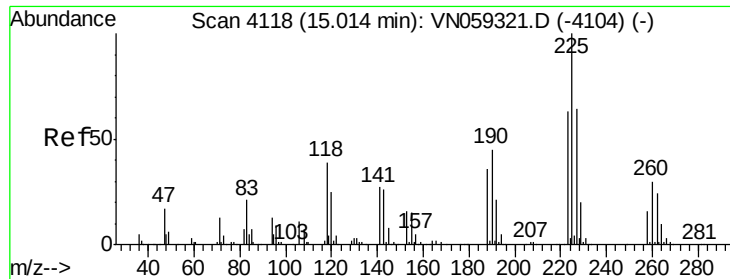
Tgt Ion: 75 Resp: 311
 Ion Ratio Lower Upper
 75 100
 155 31.5 40.5 121.5#
 157 75.2 52.7 158.1



#93
 1,2,4-Trichlorobenzene
 Concen: 3.770 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Tgt Ion: 180 Resp: 3178
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.2 141.6
 145 34.4 14.9 44.5





#94

Hexachlorobutadiene

Concen: 0.335 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

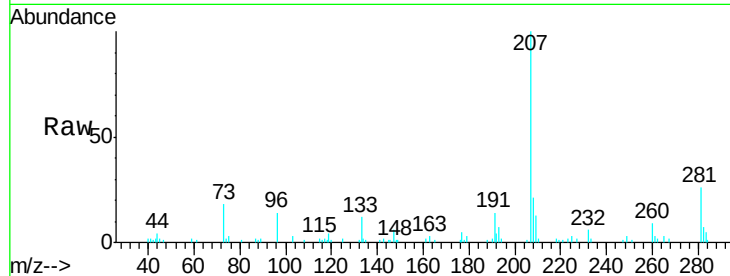
Instrument :

MSVOA_N

ClientSampleId :

PB124958TB

Tgt Ion:	225	Resp:	698
Ion	Ratio	Lower	Upper
225	100		
223	79.2	31.6	94.8
227	62.8	32.6	97.7

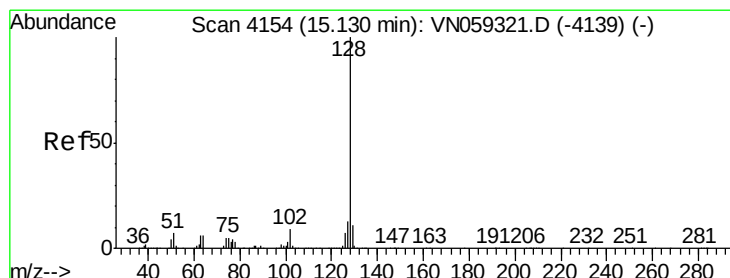
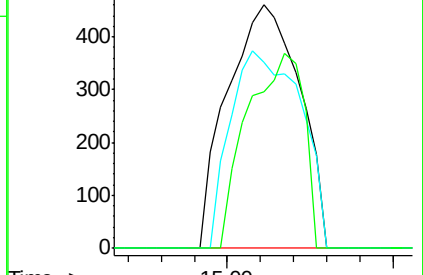
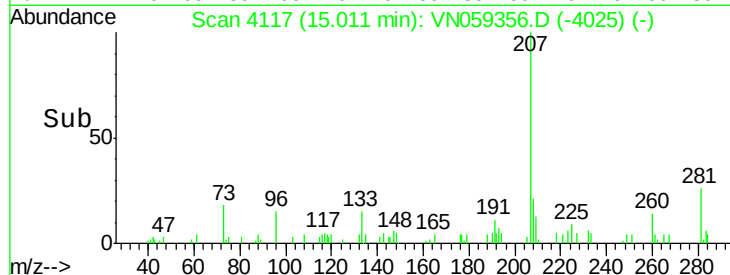


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

15.01



#95

Naphthalene

Concen: 4.586 ug/l

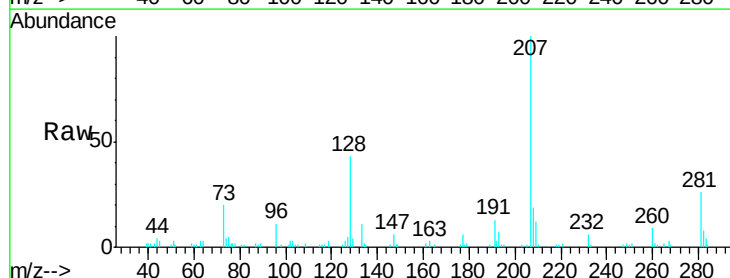
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059356.D

Acq: 22 Nov 2019 12:07

Tgt Ion:	128	Resp:	15070
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	10.5	8.6	13.0

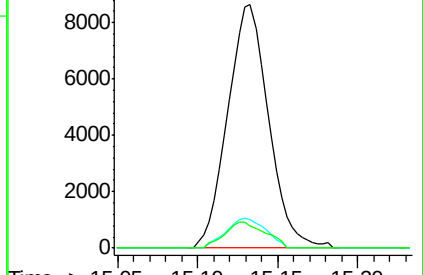
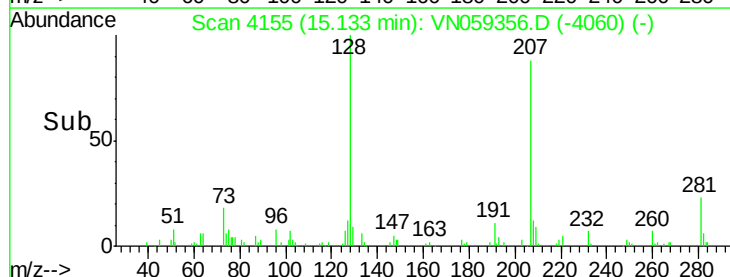


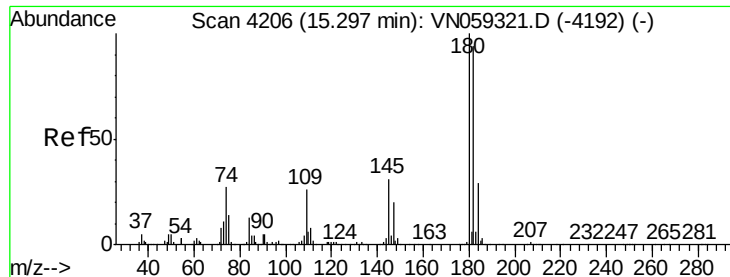
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

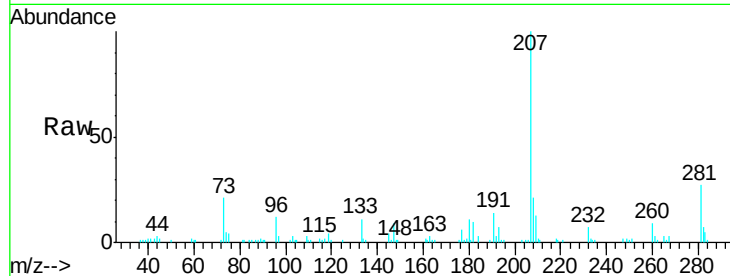




#96
 1,2,3-Trichlorobenzene
 Concen: 3.055 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059356.D
 Acq: 22 Nov 2019 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124958TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.1	141.4
145	26.7	15.6	46.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

