

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059410.D
 Acq On : 26 Nov 2019 16:36
 Operator : JC/SP
 Sample : K6001-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12B-D

Quant Time: Nov 27 00:43:00 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	360440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	553184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	489433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183749	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	202417	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
35) Dibromofluoromethane	7.57	113	166834	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
50) Toluene-d8	10.08	98	681585	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.40	95	219411	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	384	0.443	ug/l #	73
14) Allyl chloride	4.52	41	210956	29.028	ug/l #	29
16) Acetone	3.80	43	9432	4.864	ug/l	93
17) Carbon Disulfide	4.02	76	2188	0.319	ug/l #	80
18) Methyl Acetate	4.30	43	6486	1.008	ug/l #	90
20) Methylene Chloride	4.52	84	5541071	1267.000	ug/l	93
25) 2-Butanone	6.82	43	4300	1.426	ug/l	91
29) Tetrahydrofuran	7.20	42	950	0.456	ug/l #	42
30) Chloroform	7.35	83	665	Below Cal	#	81
31) Cyclohexane	7.65	56	6535	0.858	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	24824	4.347	ug/l #	50
38) Carbon Tetrachloride	7.64	117	33394	6.108	ug/l #	16
43) Isopropyl Acetate	8.15	43	85666	9.133	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	2095	0.469	ug/l #	45
48) Methyl methacrylate	9.17	41	5833	1.367	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	4405	0.802	ug/l #	81
52) Toluene	10.15	92	2341	0.232	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	37490	5.413	ug/l #	62
56) Ethyl methacrylate	10.54	69	984	2.335	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6623	0.970	ug/l #	42
59) 2-Hexanone	10.76	43	89470	22.255	ug/l #	52
68) m/p-Xylenes	11.62	106	3672	0.526	ug/l	91
69) o-Xylene	11.95	106	1850	0.277	ug/l	96
71) Bromoform	12.41	173	1097	0.379	ug/l #	1
74) N-amyl acetate	12.03	43	4063	0.672	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	105125	24.764	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3407	0.269	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	105125	61.939	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	7388	0.596	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	342	0.323	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	536	3.067	ug/l #	32
95) Naphthalene	15.13	128	32556	5.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	707	2.079	ug/l #	2

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

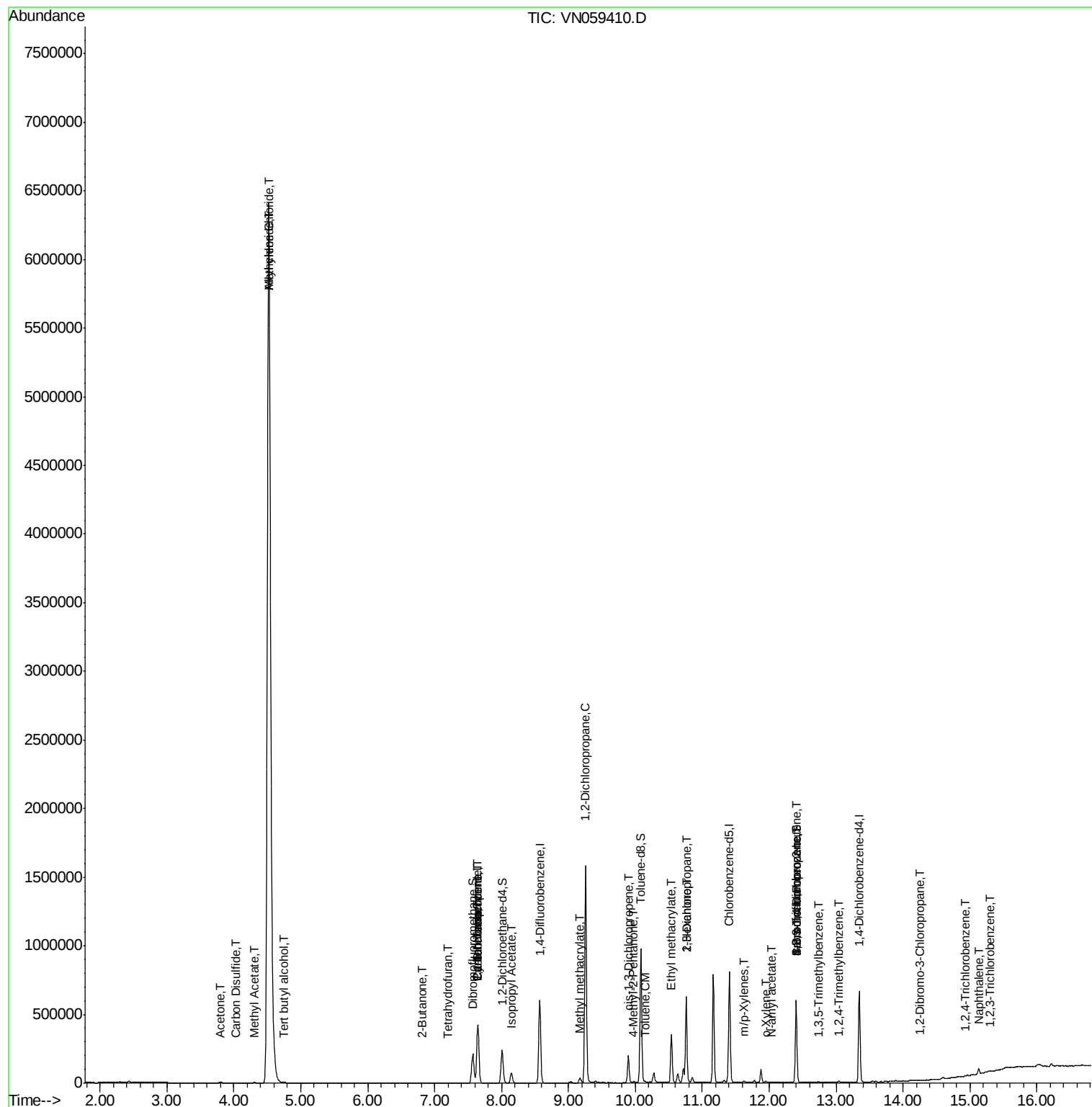
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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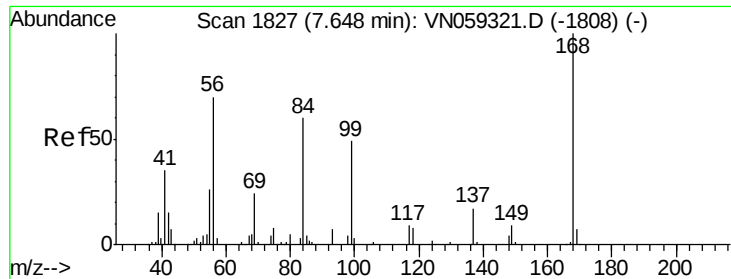
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

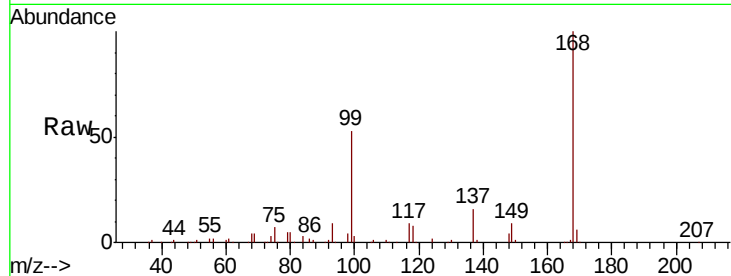
TP-12B-D

Tot Ion:168 Resp: 360440

Ion Ratio Lower Upper

168 100

99 53.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

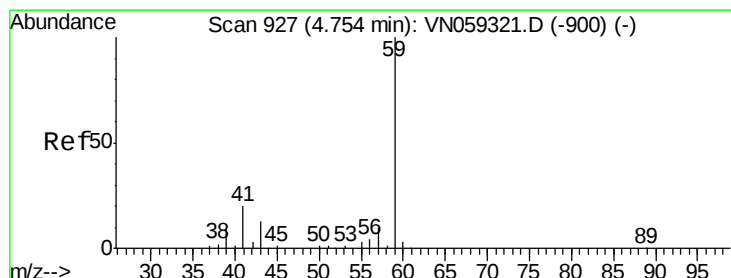
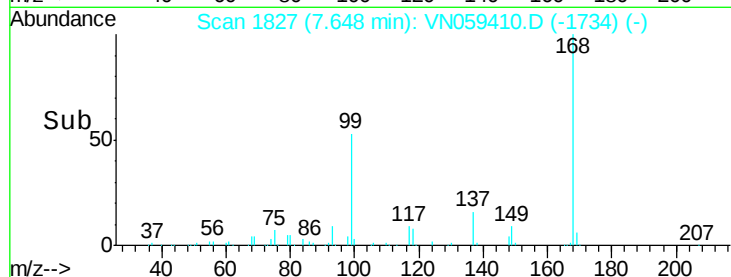
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.443 ug/l

RT: 4.75 min Scan# 927

Delta R.T. 0.00 min

Lab File: VN059410.D

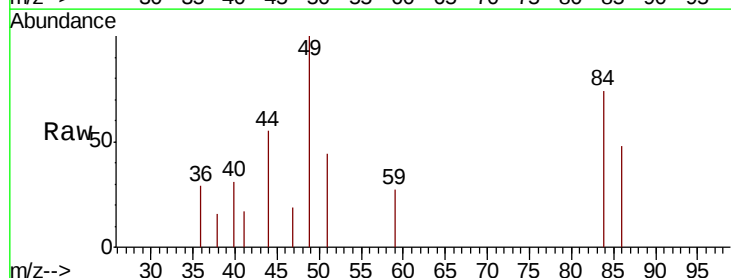
Acq: 26 Nov 2019 16:36

Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

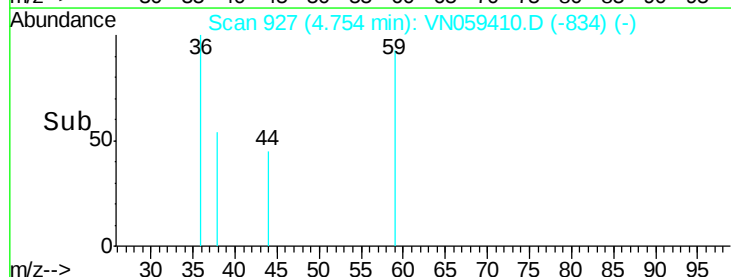
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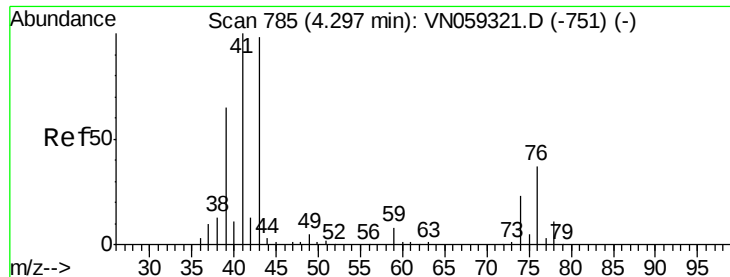
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100

0

Time-->

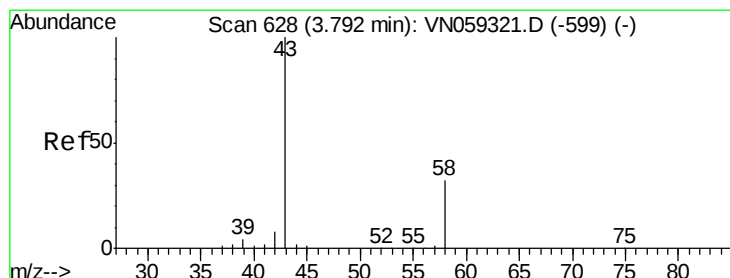
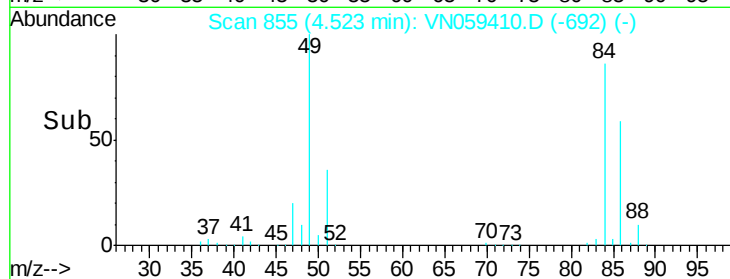
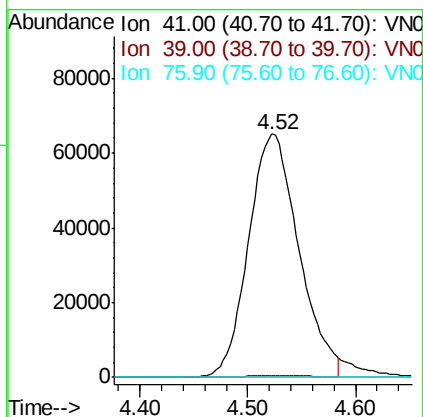
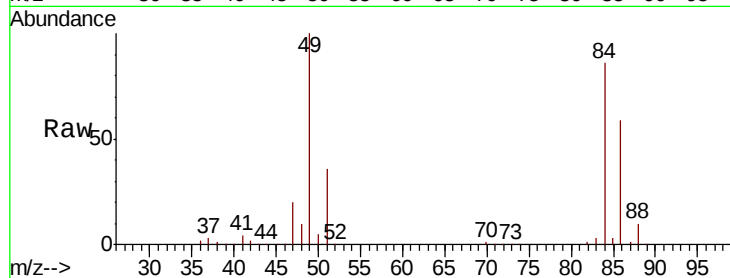




#14
Allvl chloride
Concen: 29.028 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.23 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

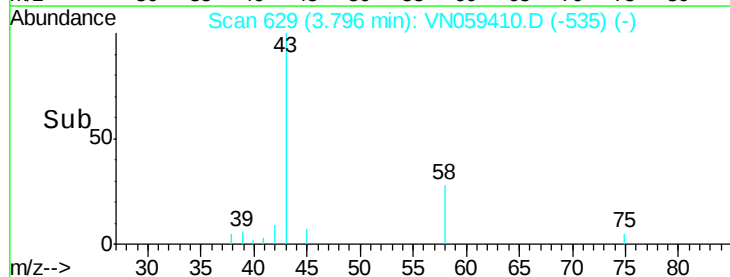
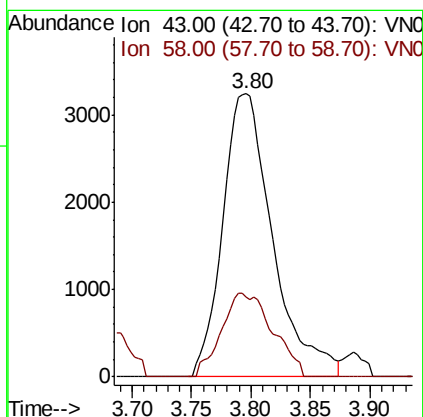
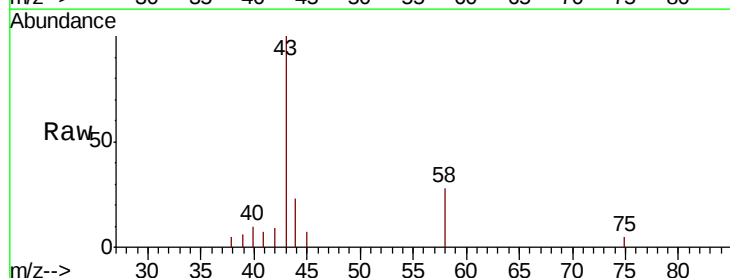
Instrument :
MSVOA_N
ClientSampled :
TP-12B-D

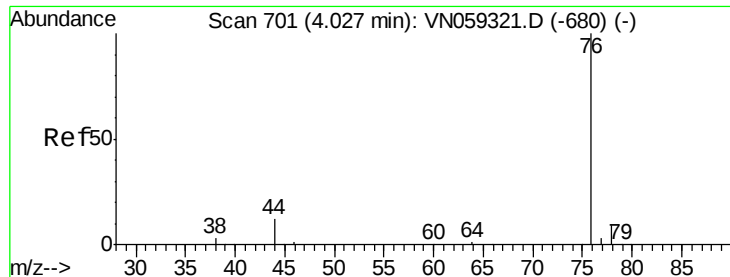
Tot Ion: 41 Resp: 210956
Ion Ratio Lower Upper
41 100
39 0.9 48.4 72.6#
76 0.0 26.2 39.4#



#16
Acetone
Concen: 4.864 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion: 43 Resp: 9432
Ion Ratio Lower Upper
43 100
58 28.1 25.8 38.6

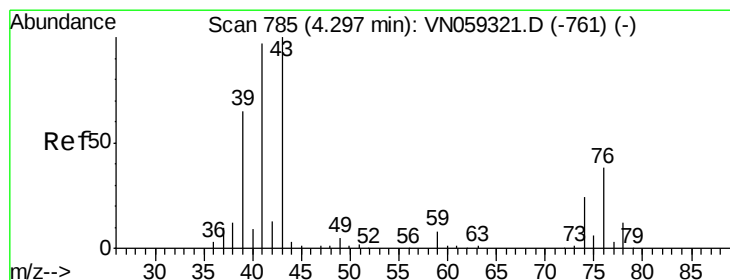
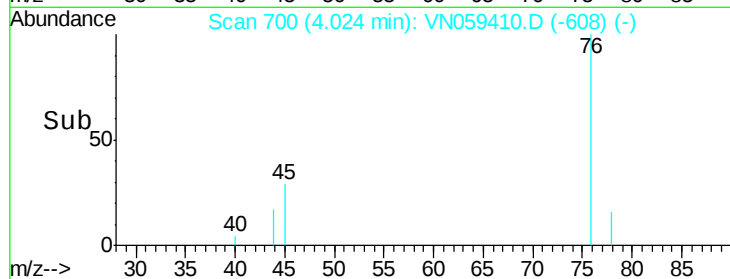
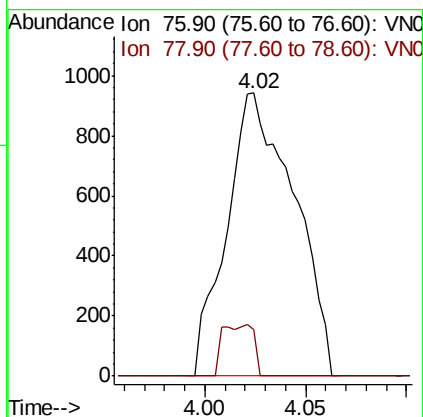
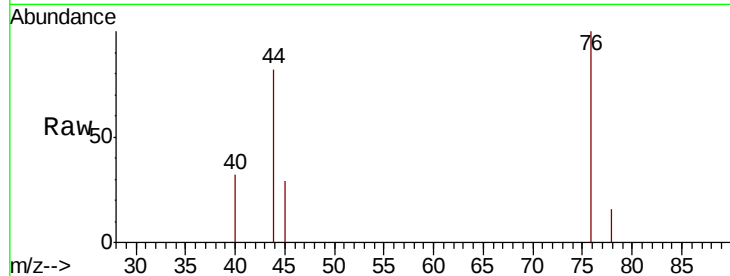




#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

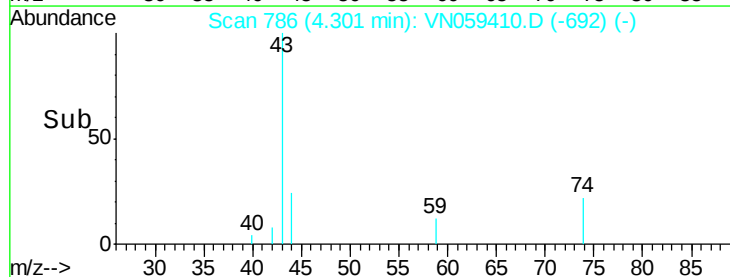
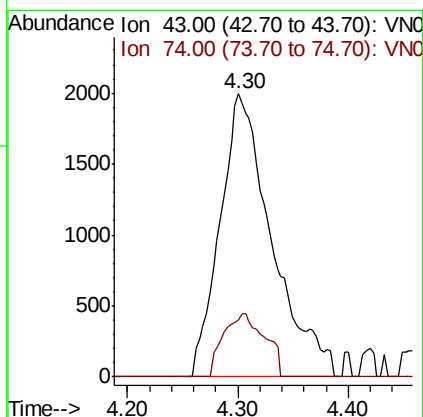
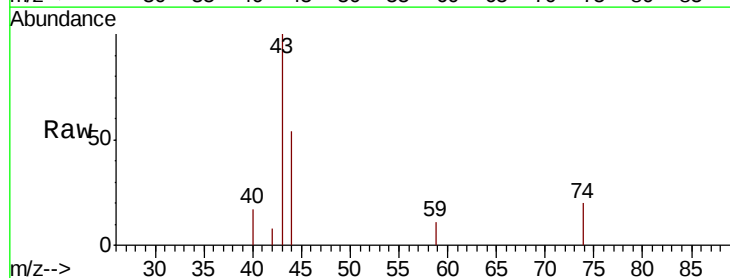
Instrument :
MSVOA_N
ClientSampled :
TP-12B-D

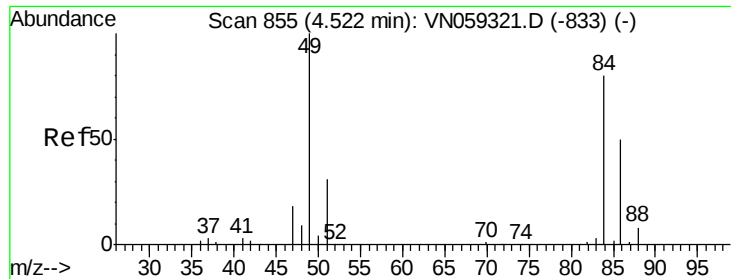
Tot Ion: 76 Resp: 2188
Ion Ratio Lower Upper
76 100
78 16.3 7.2 10.8#



#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
74 17.8 18.1 27.1#



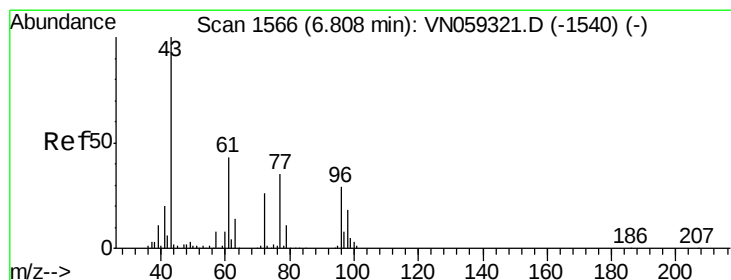
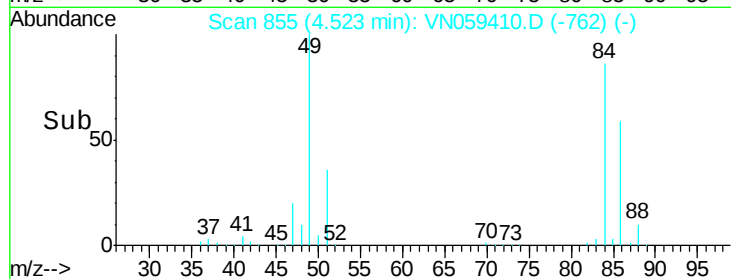
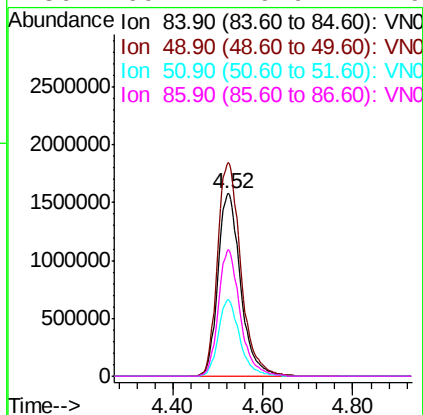
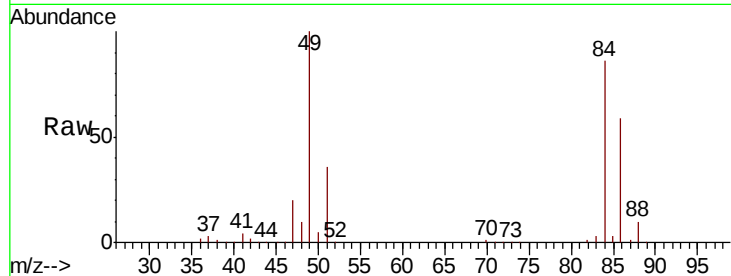


#20
Methvlene Chloride
Concen: 1267.000 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
TP-12B-D

Tot Ion: 84 Resp: 5541071

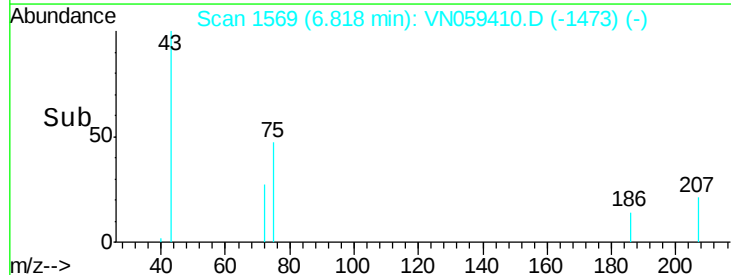
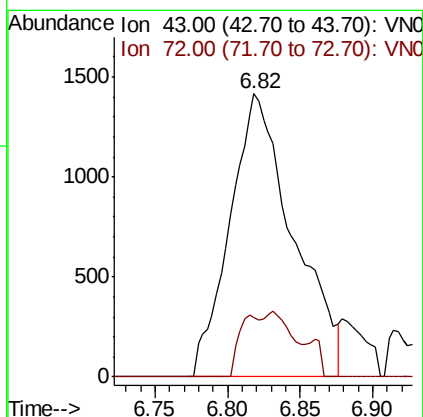
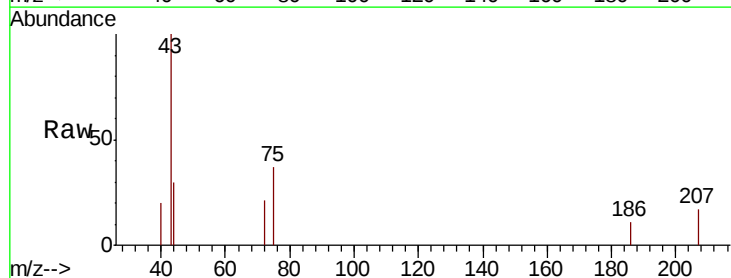
Ion	Ratio	Lower	Upper
84	100		
49	116.7	99.5	149.3
51	42.0	31.1	46.7
86	69.2	49.9	74.9

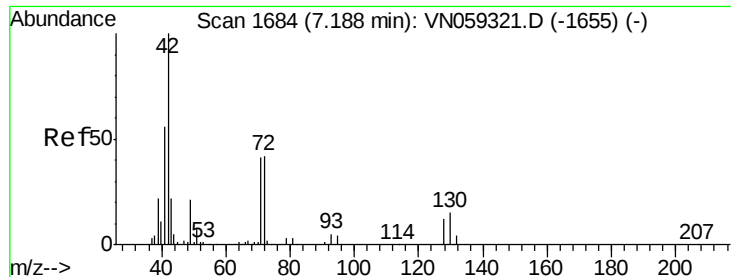


#25
2-Butanone
Concen: 1.426 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion: 43 Resp: 4300

Ion	Ratio	Lower	Upper
43	100		
72	21.0	20.5	30.7





#29

Tetrahydrofuran

Concen: 0.456 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.02 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TP-12B-D

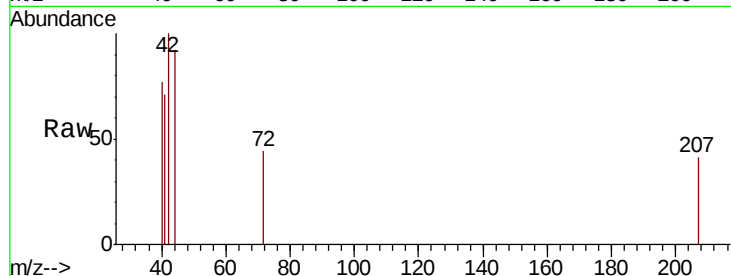
Tot Ion: 42 Resp: 950

Ion Ratio Lower Upper

42 100

72 10.0 34.2 51.2#

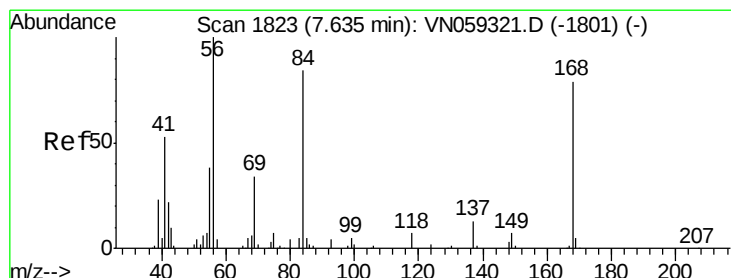
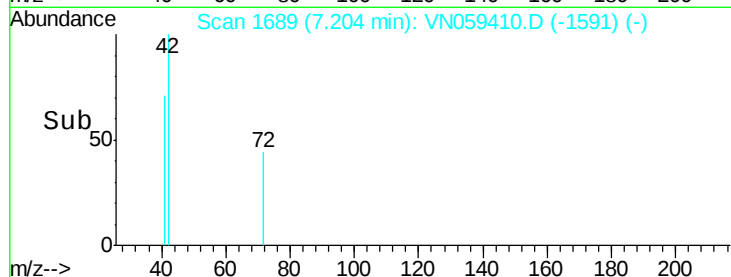
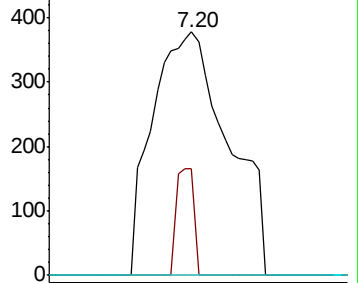
71 0.0 32.6 48.8#



Abundance Ion 42.00 (41.70 to 42.70): VN059410.D (-1689) (-)

Ion 72.00 (71.70 to 72.70): VN059410.D (-1689) (-)

Ion 71.00 (70.70 to 71.70): VN059410.D (-1689) (-)



#31

Cyclohexane

Concen: 0.858 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

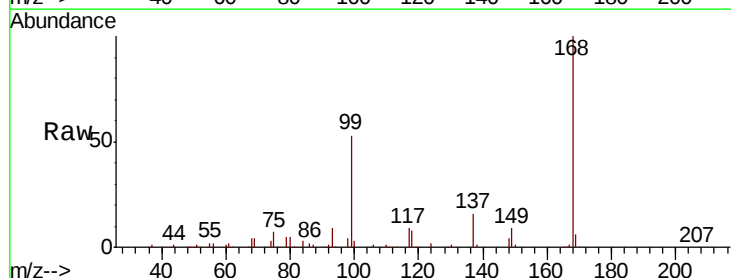
Tgt Ion: 56 Resp: 6535

Ion Ratio Lower Upper

56 100

69 204.7 26.6 40.0#

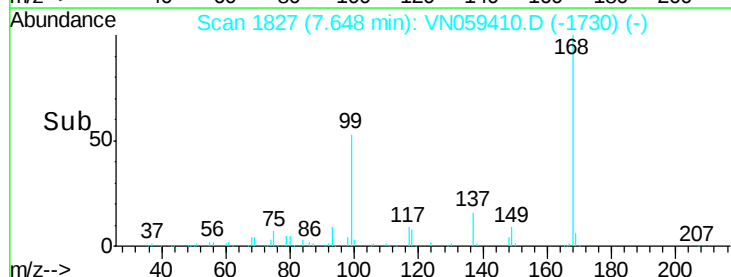
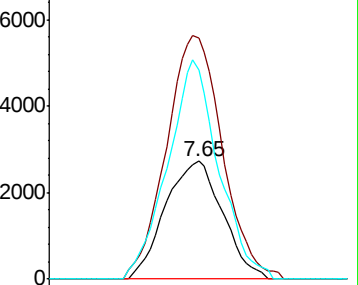
84 177.9 67.0 100.4#

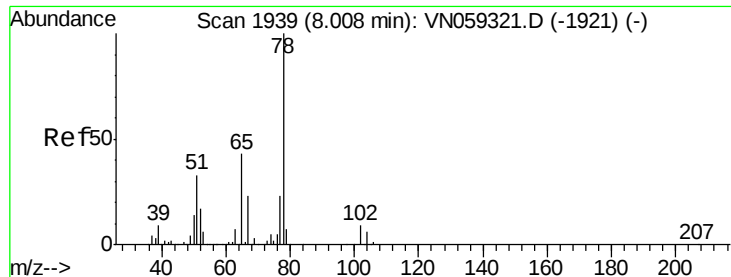


Abundance Ion 56.00 (55.70 to 56.70): VN059410.D (-1827) (-)

Ion 69.00 (68.70 to 69.70): VN059410.D (-1827) (-)

Ion 84.00 (83.70 to 84.70): VN059410.D (-1827) (-)

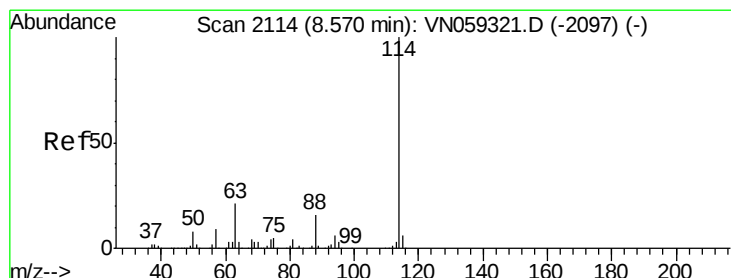
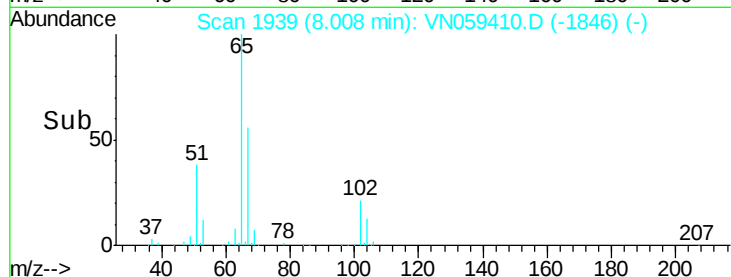
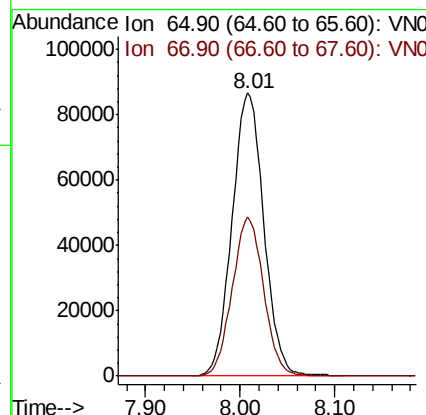
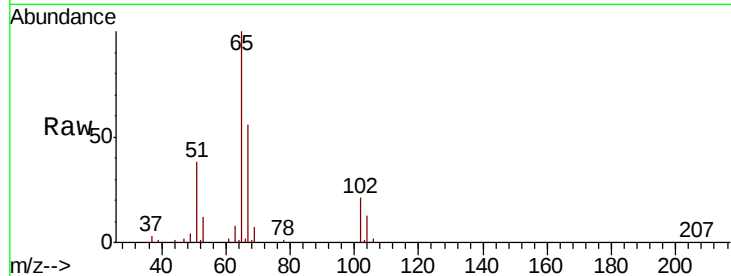




#33
 1,2-Dichloroethane-d4
 Concen: 46.805 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

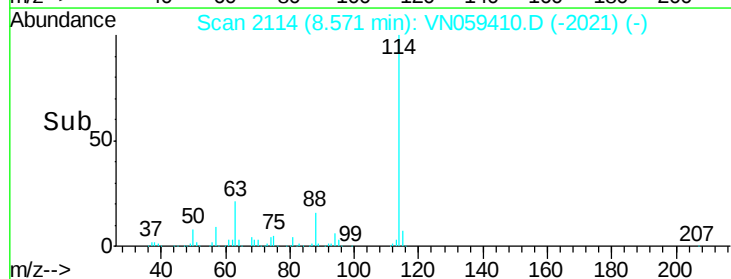
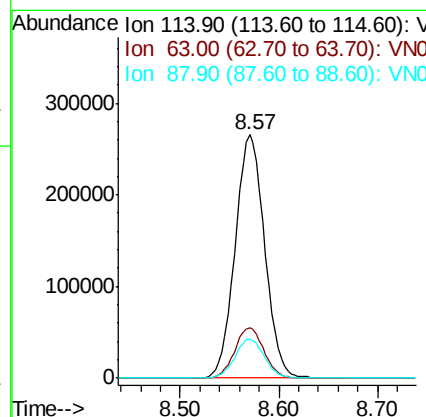
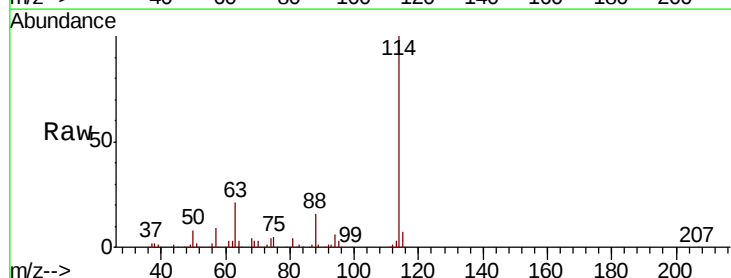
Instrument :
 MSVOA_N
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 TP-12B-D

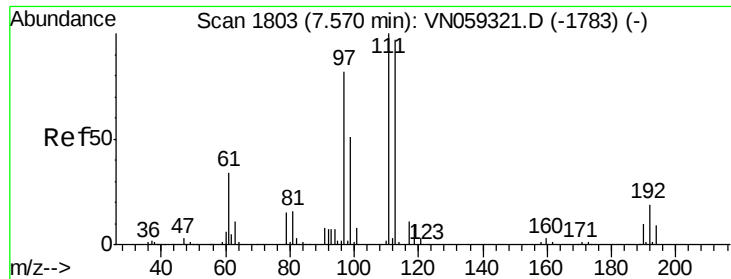
Tot Ion: 65 Resp: 202417
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

Tgt Ion: 114 Resp: 553184
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.2
 88 16.1 0.0 32.2

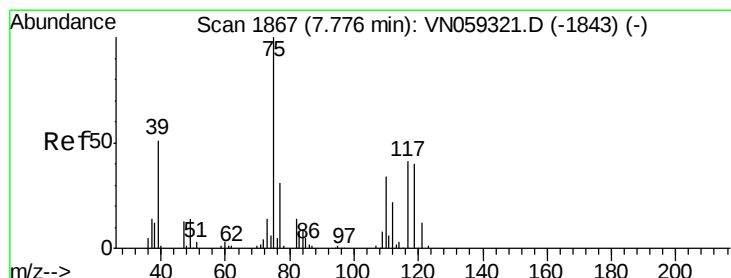
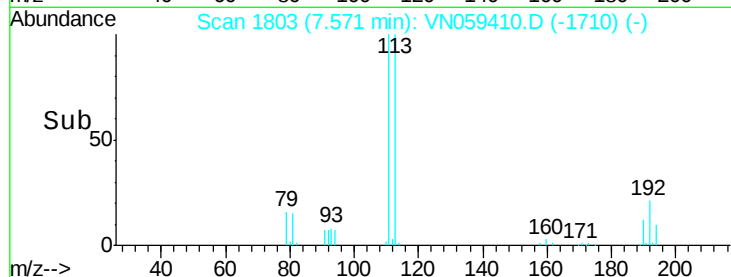
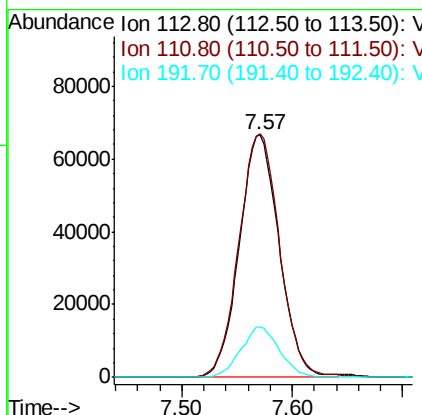
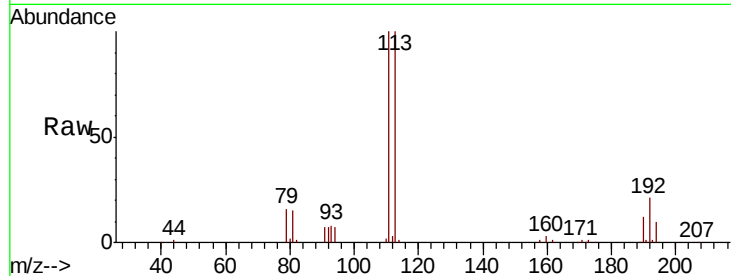




#35
 Dibromofluoromethane
 Concen: 50.270 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

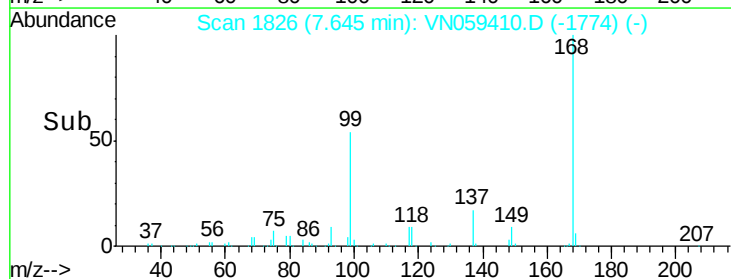
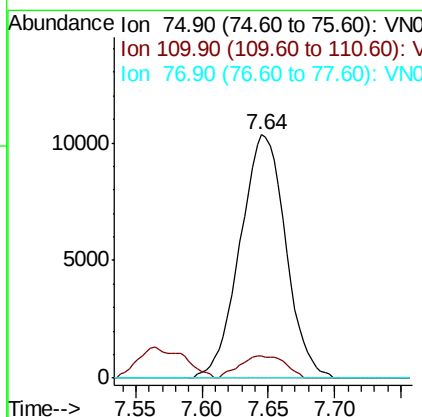
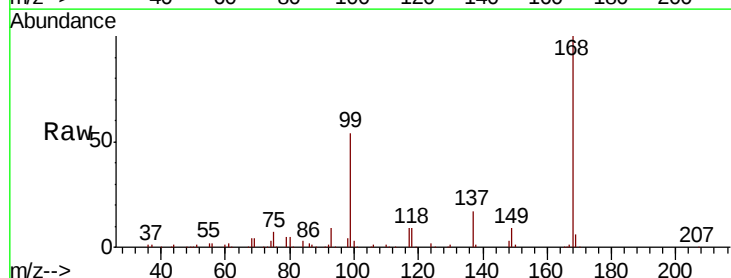
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12B-D

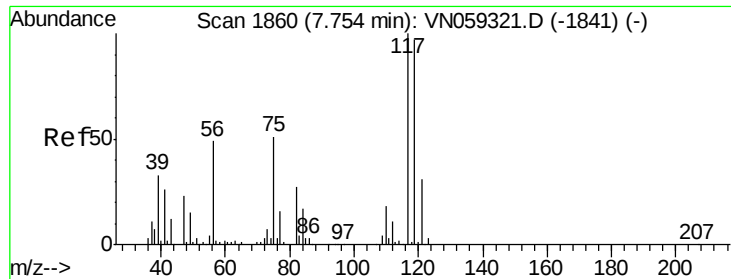
Tot Ion:113 Resp: 166834
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.2 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.347 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

Tgt Ion: 75 Resp: 24824
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 51.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.108 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TP-12B-D

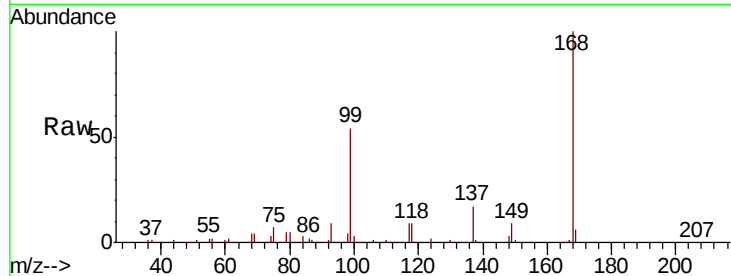
Tot Ion:117 Resp: 33394

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.4#

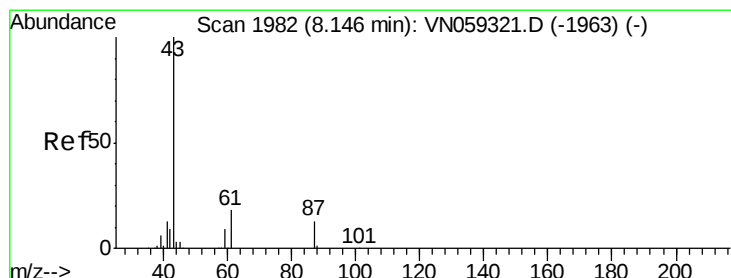
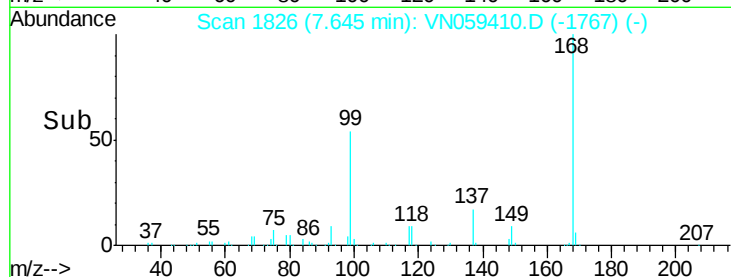
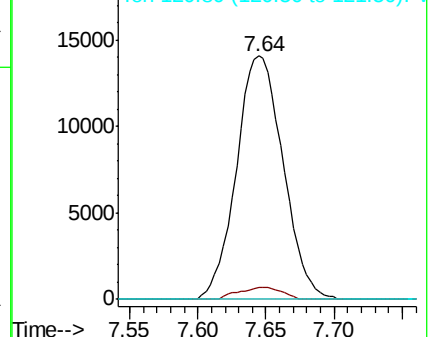
121 0.0 24.4 36.6#



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: 9.133 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

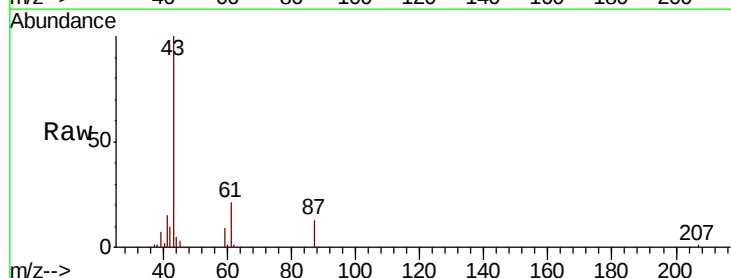
Tgt Ion: 43 Resp: 85666

Ion Ratio Lower Upper

43 100

61 20.5 21.7 32.5#

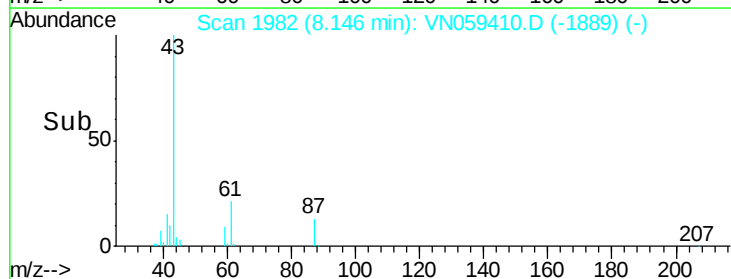
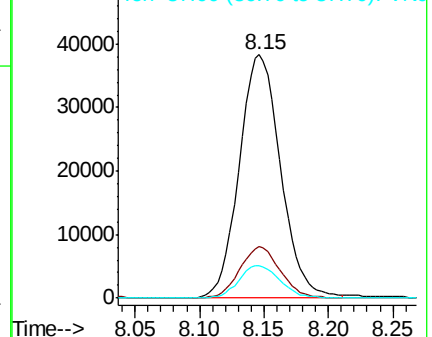
87 13.3 10.2 15.4

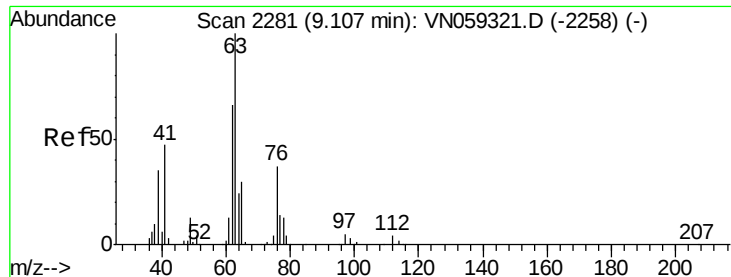


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.469 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

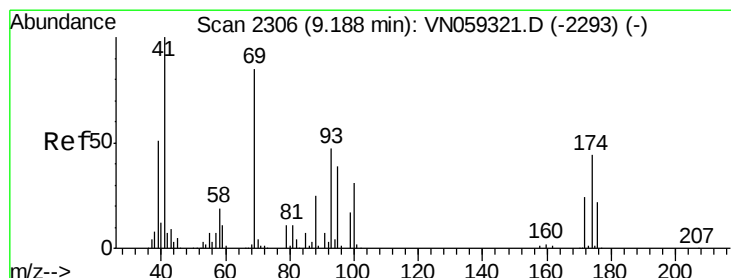
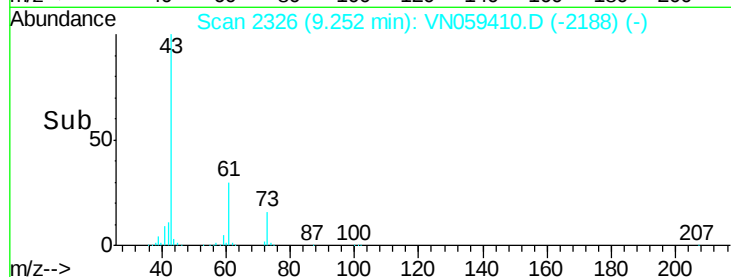
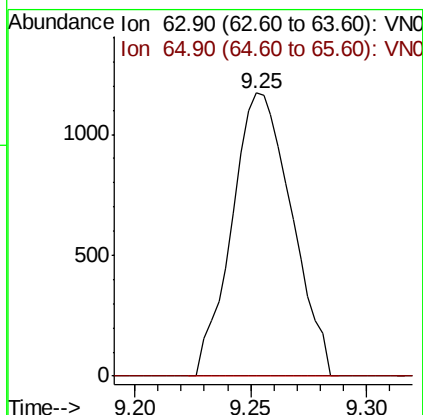
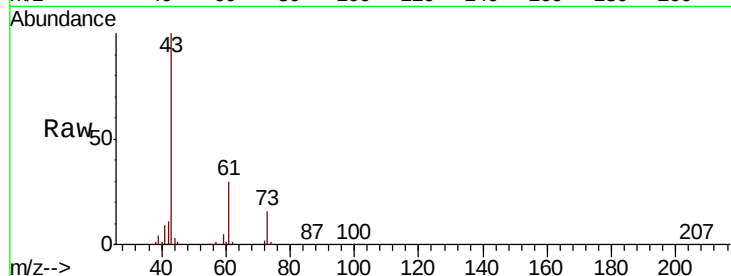
TP-12B-D

Tot Ion: 63 Resp: 2095

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.367 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

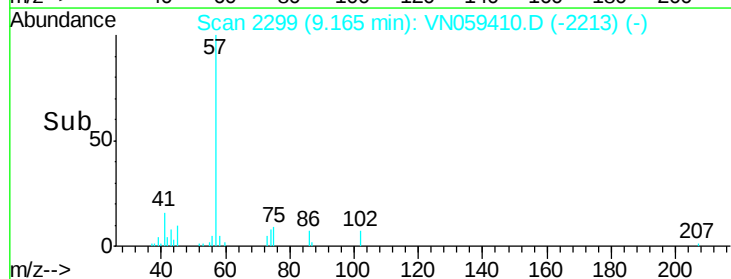
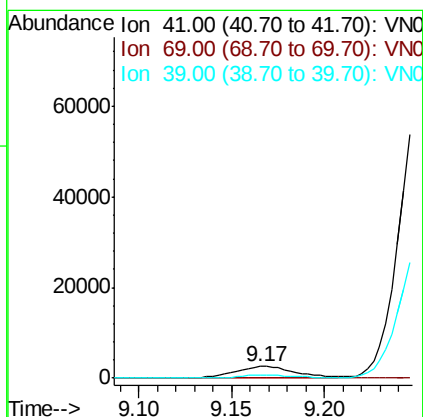
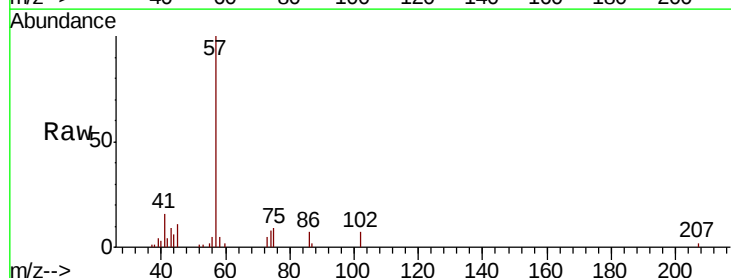
Tgt Ion: 41 Resp: 5833

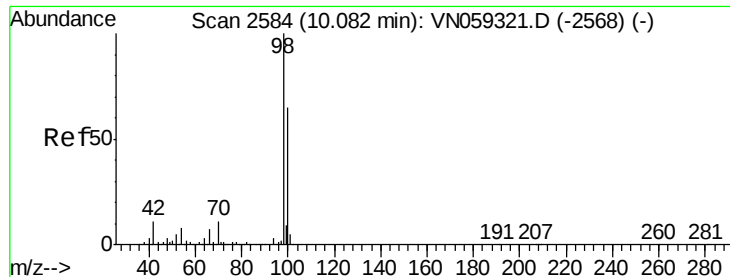
Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#





#50

Toluene-d8

Concen: 51.660 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

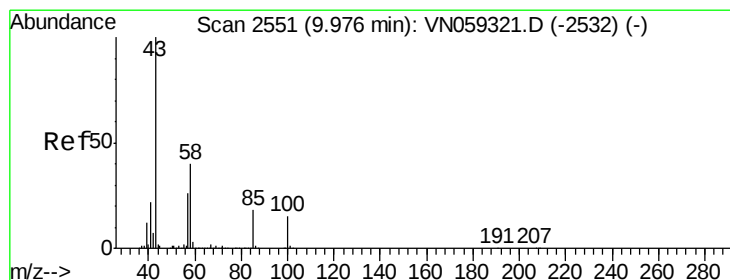
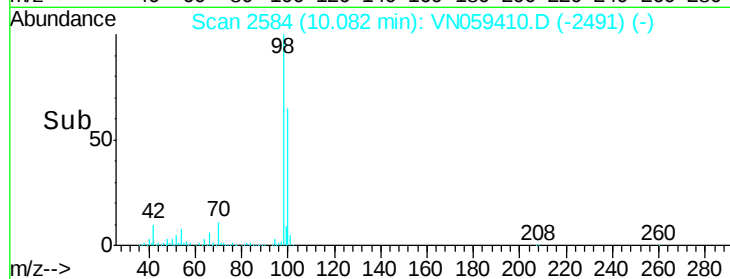
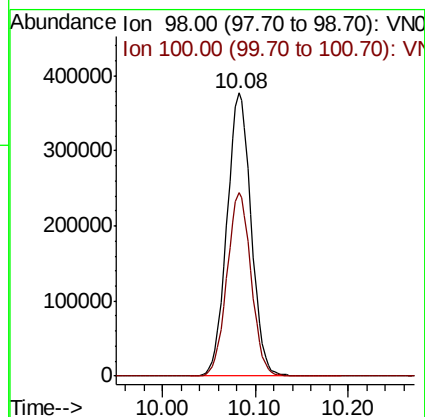
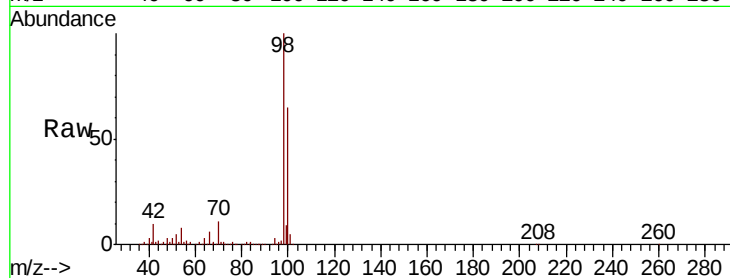
TP-12B-D

Tot Ion: 98 Resp: 681585

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.802 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059410.D

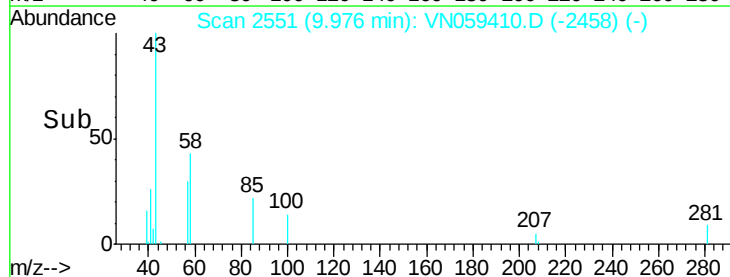
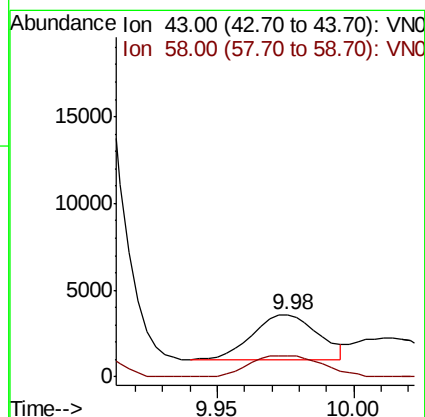
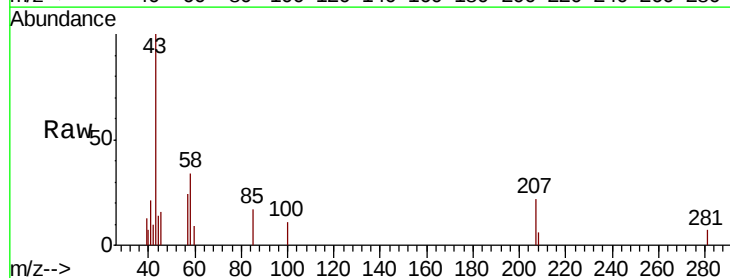
Acq: 26 Nov 2019 16:36

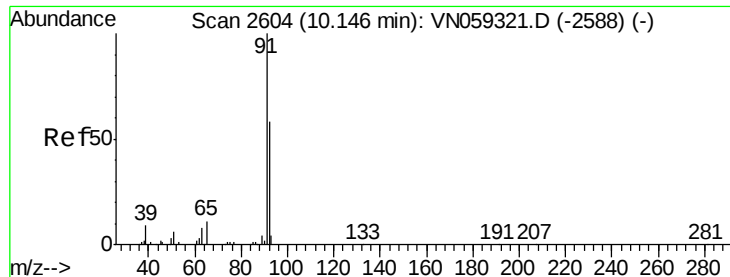
Tgt Ion: 43 Resp: 4405

Ion Ratio Lower Upper

43 100

58 51.5 31.8 47.8#





#52

Toluene

Concen: 0.232 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

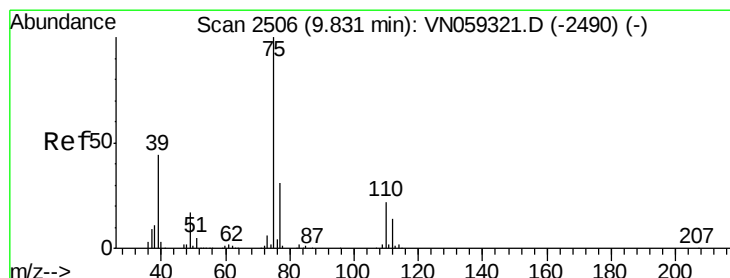
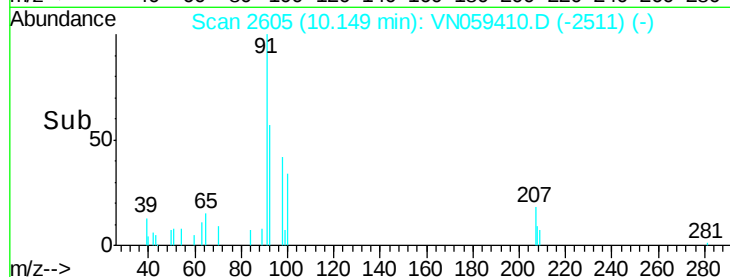
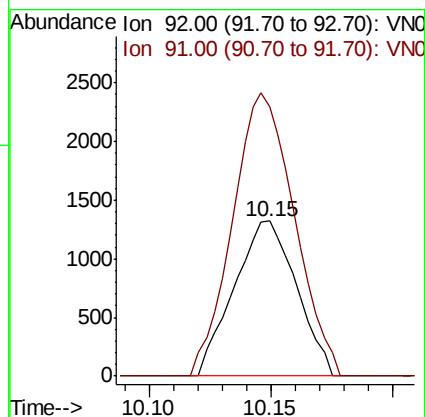
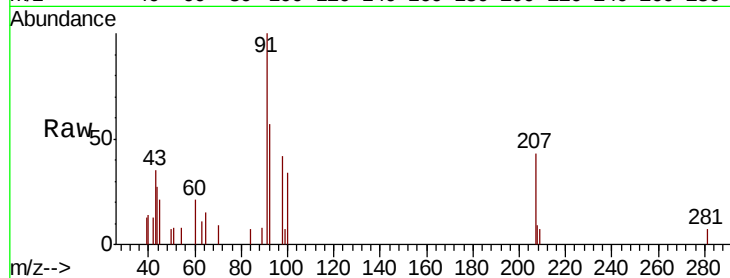
TP-12B-D

Tot Ion: 92 Resp: 2341

Ion Ratio Lower Upper

92 100

91 180.8 137.9 206.9



#54

cis-1,3-Dichloropropene

Concen: 5.413 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

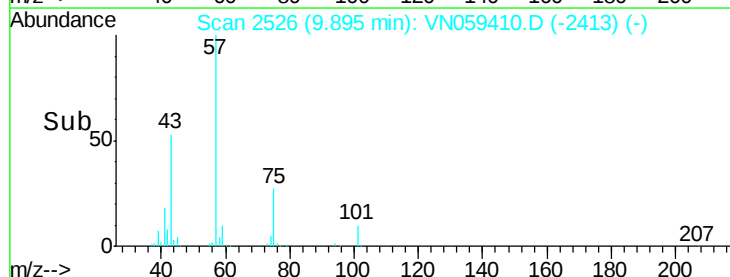
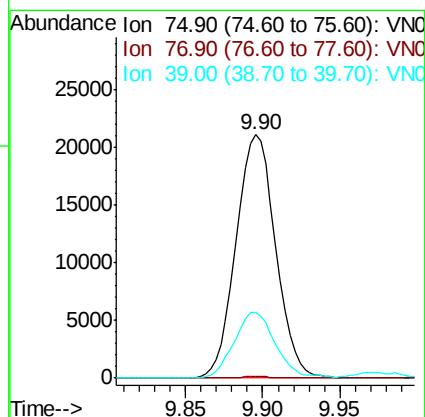
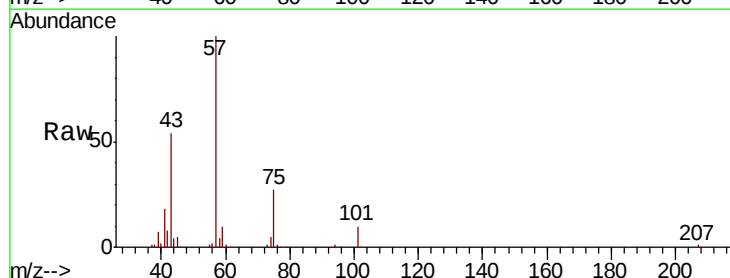
Tgt Ion: 75 Resp: 37490

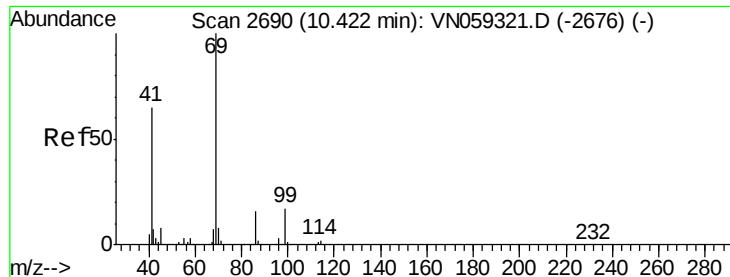
Ion Ratio Lower Upper

75 100

77 0.8 25.0 37.4#

39 27.1 35.5 53.3#

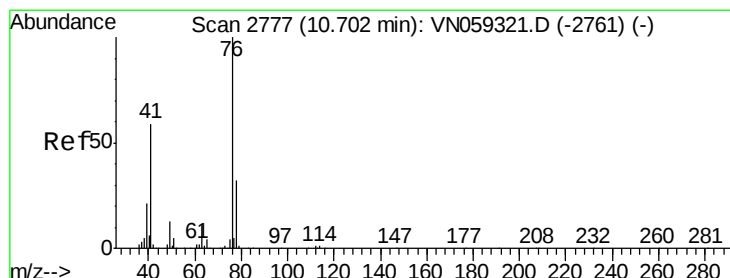
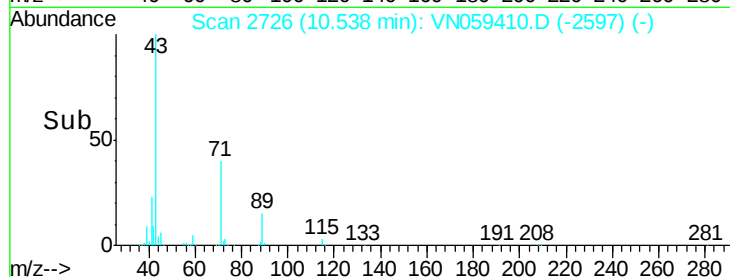
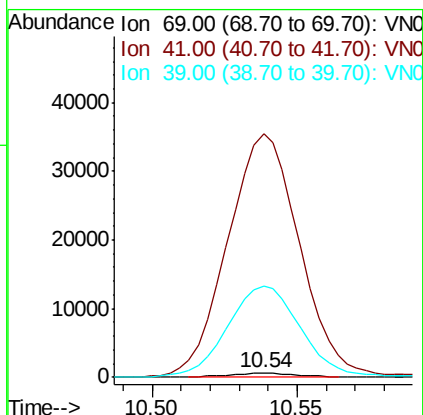
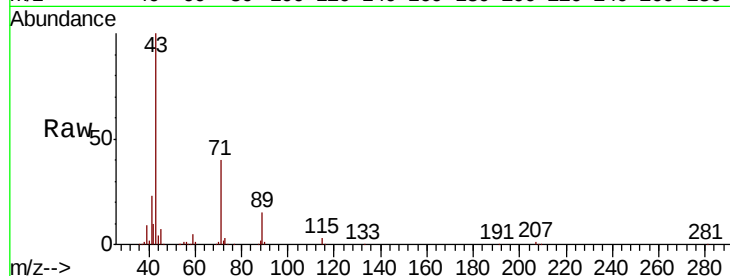




#56
Ethyl methacrylate
Concen: 2.335 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.12 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

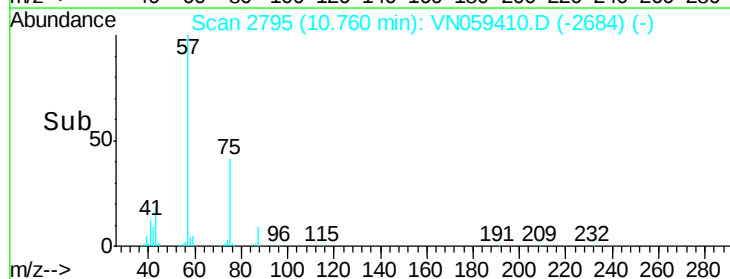
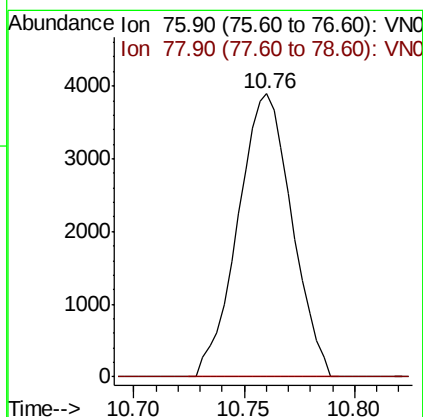
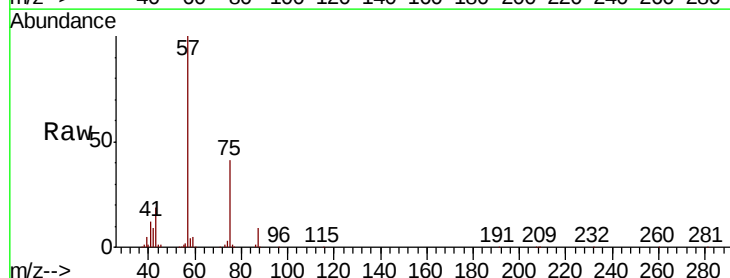
Instrument :
MSVOA_N
ClientSampleId :
TP-12B-D

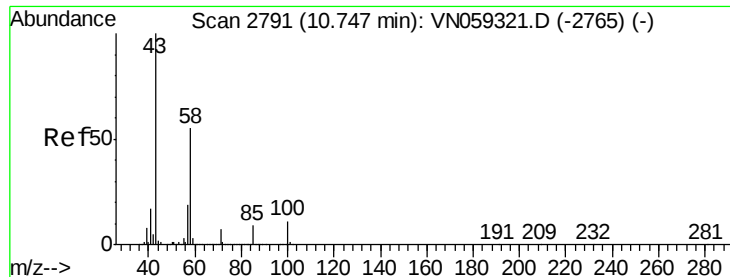
Tot Ion: 69 Resp: 984
Ion Ratio Lower Upper
69 100
41 6229.4 51.7 77.5#
39 2400.9 25.2 37.8#



#57
1,3-Dichloropropane
Concen: 0.970 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.06 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion: 76 Resp: 6623
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

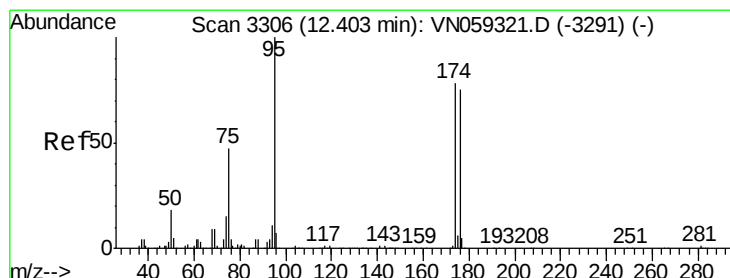
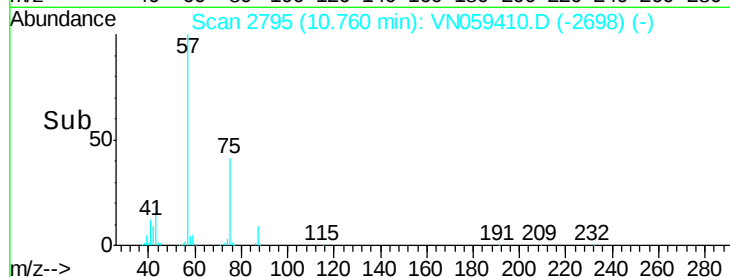
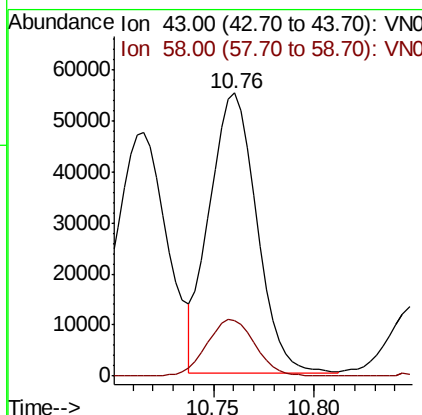
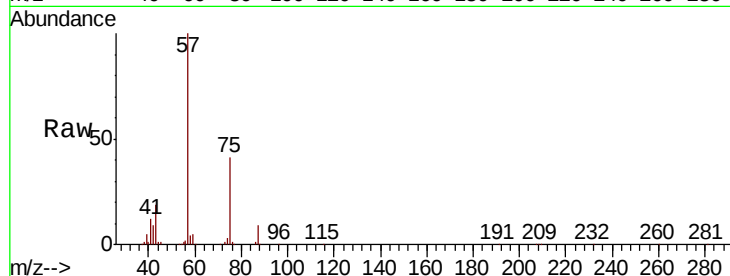




#59
2-Hexanone
Concen: 22.255 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

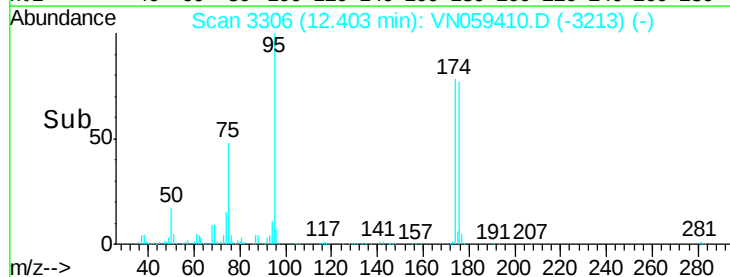
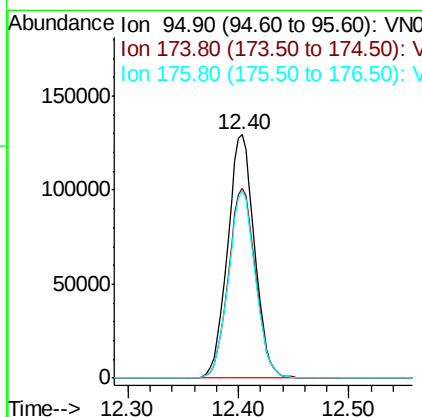
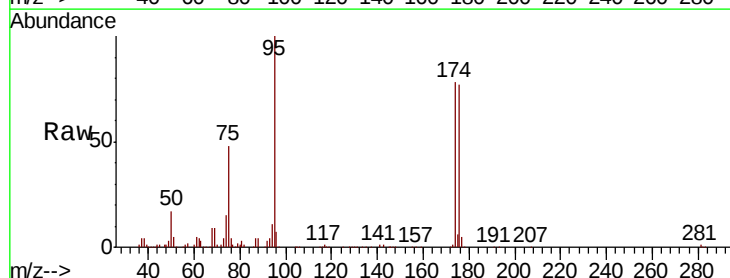
Instrument :
MSVOA_N
ClientSampleId :
TP-12B-D

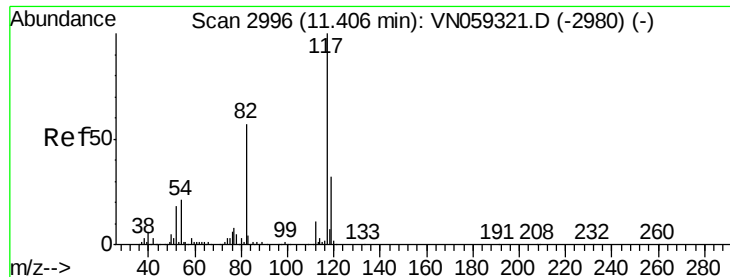
Tot Ion: 43 Resp: 89470
Ion Ratio Lower Upper
43 100
58 20.8 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion: 95 Resp: 219411
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.4
176 76.6 0.0 151.2

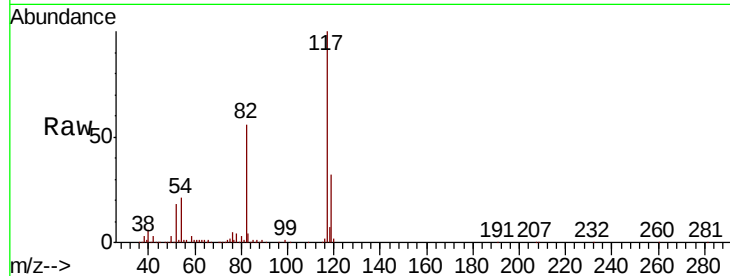




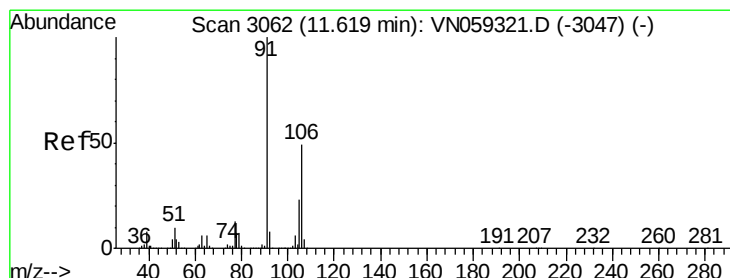
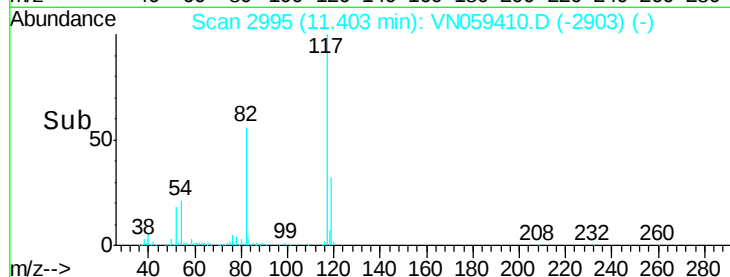
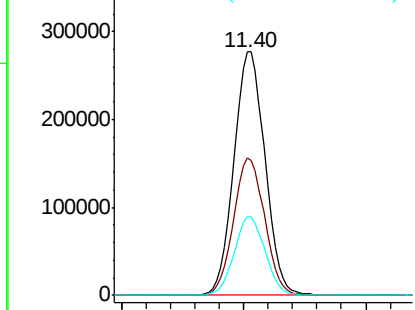
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
TP-12B-D

Tot Ion:117 Resp: 489433
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.5 25.8 38.6

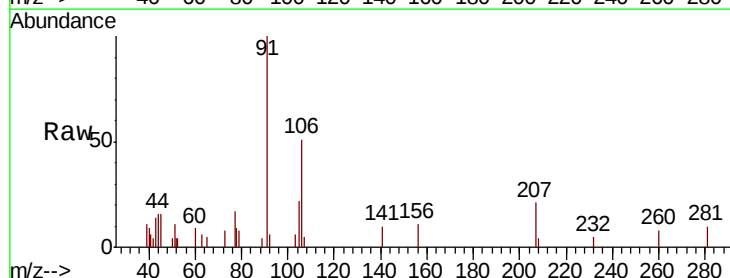


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

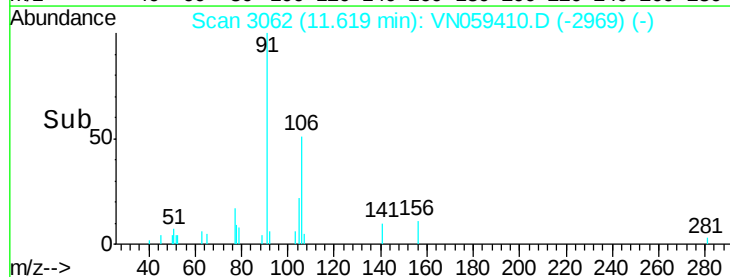
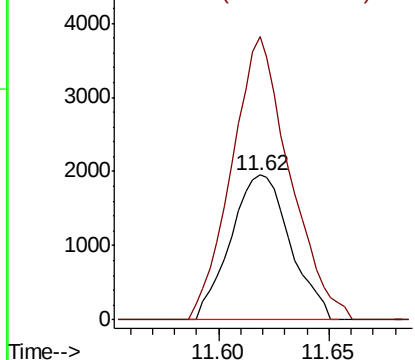


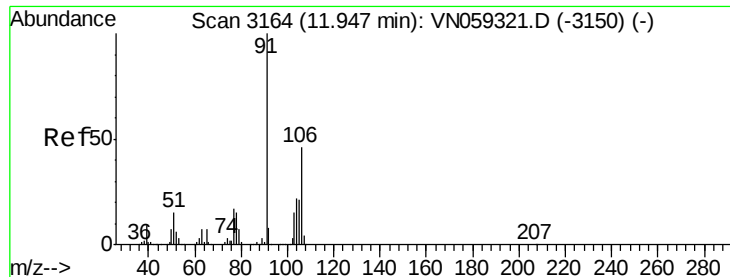
#68
m/p-Xylenes
Concen: 0.526 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion:106 Resp: 3672
Ion Ratio Lower Upper
106 100
91 190.2 163.2 244.8



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

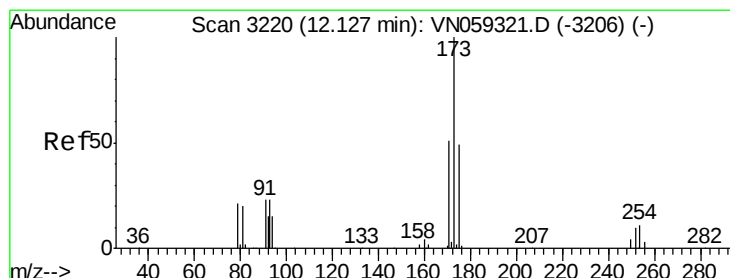
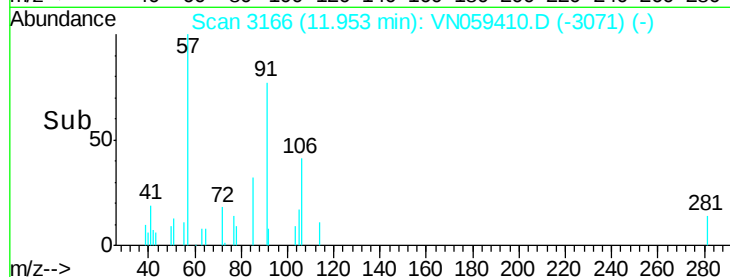
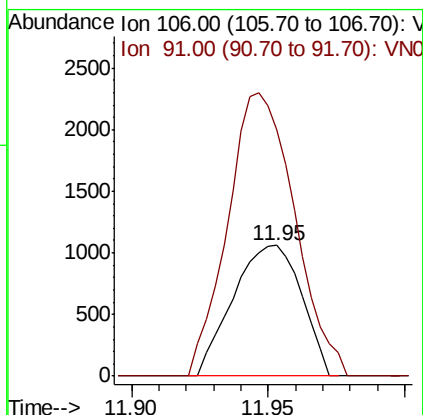
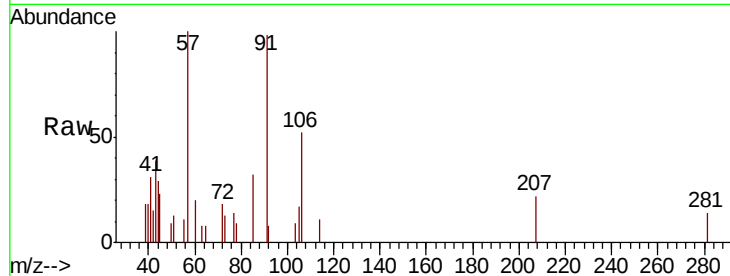




#69
o-Xylene
Concen: 0.277 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

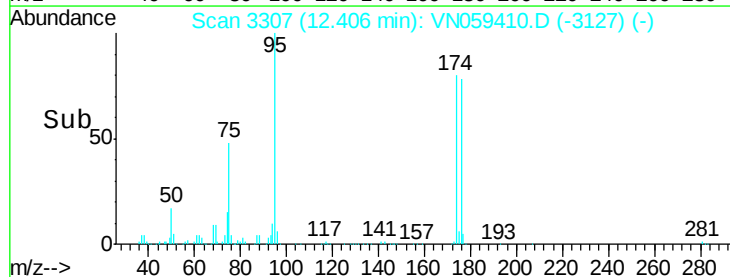
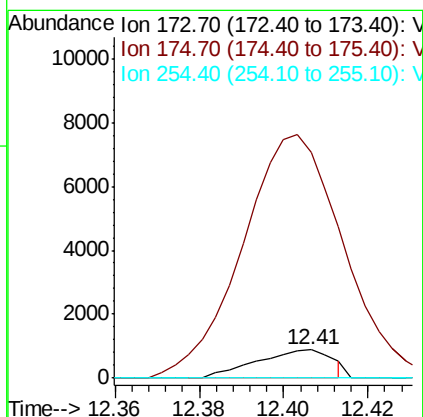
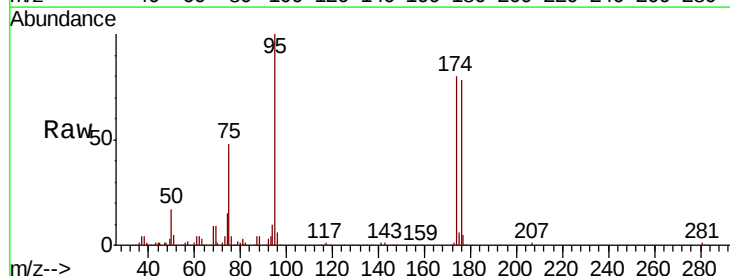
Instrument :
MSVOA_N
ClientSampled :
TP-12B-D

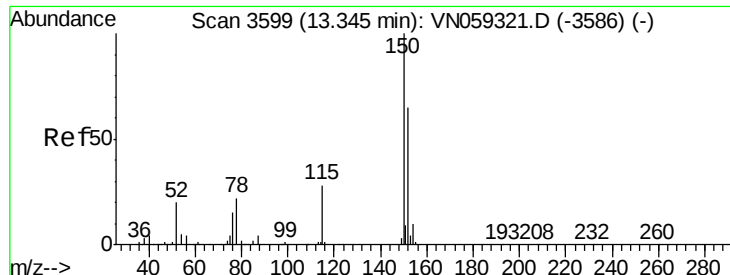
Tot Ion:106 Resp: 1850
Ion Ratio Lower Upper
106 100
91 211.6 109.3 327.9



#71
Bromoform
Concen: 0.379 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion:173 Resp: 1097
Ion Ratio Lower Upper
173 100
175 998.4 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TP-12B-D

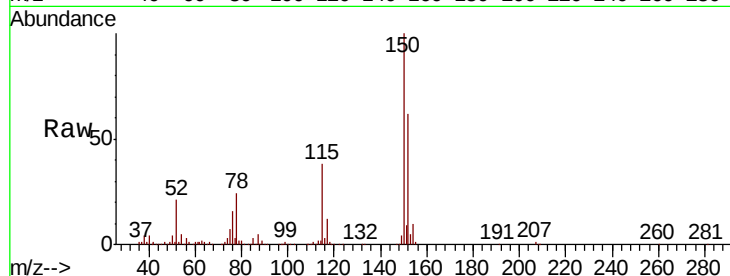
Tot Ion:152 Resp: 183749

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

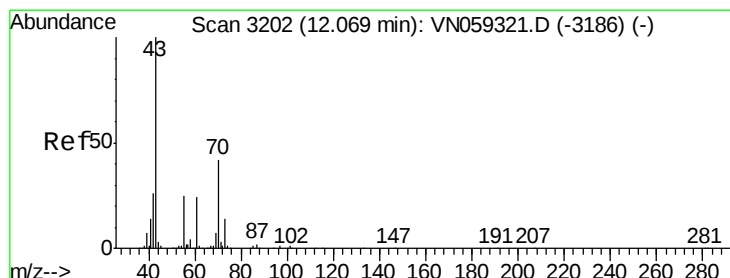
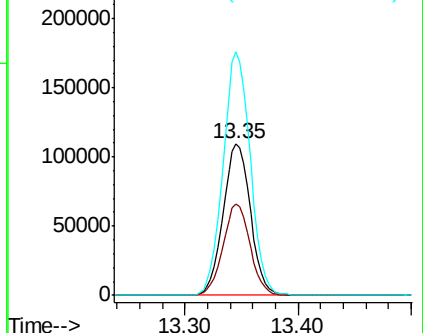
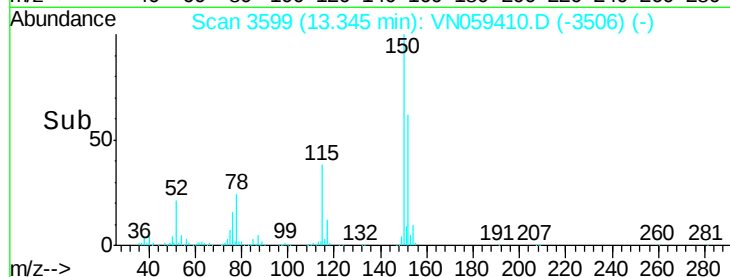
150 159.8 0.0 346.0



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: 0.672 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Tgt Ion: 43 Resp: 4063

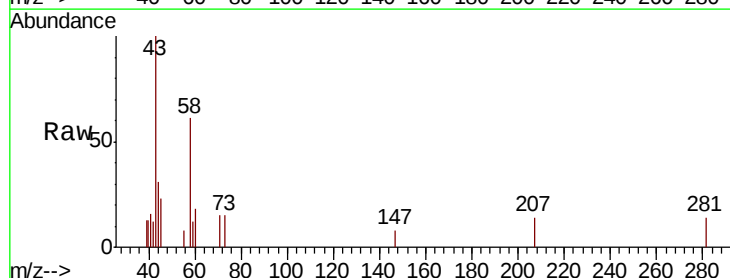
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 3.8 20.3 30.5#

61 0.0 19.9 29.9#

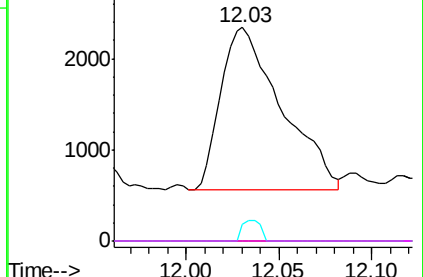
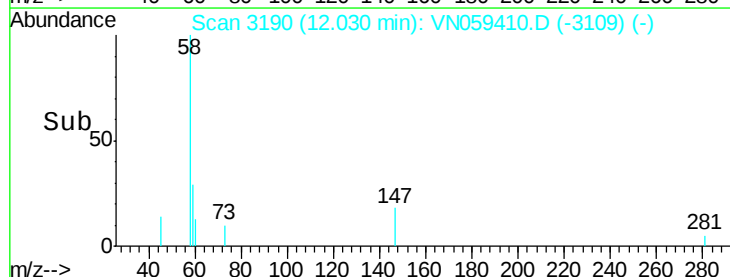


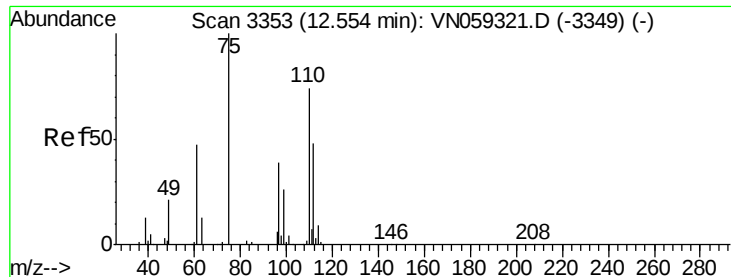
Abundance Ion 43.00 (42.70 to 43.70): V

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

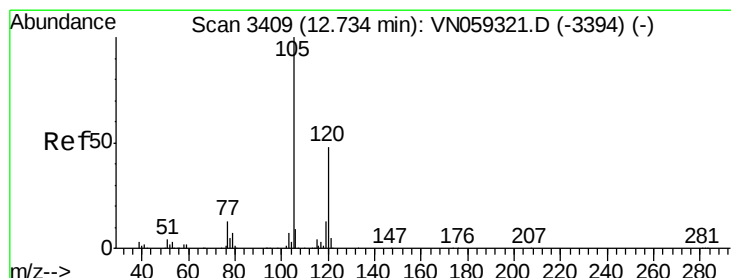
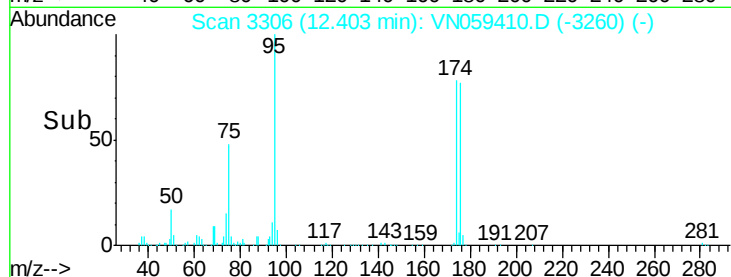
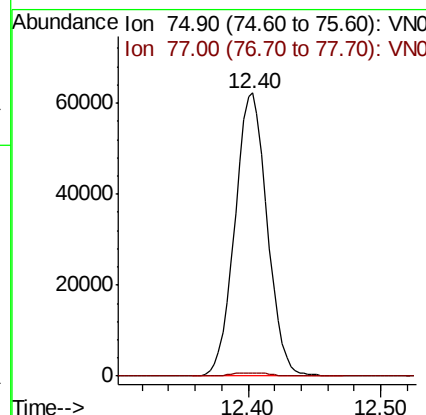
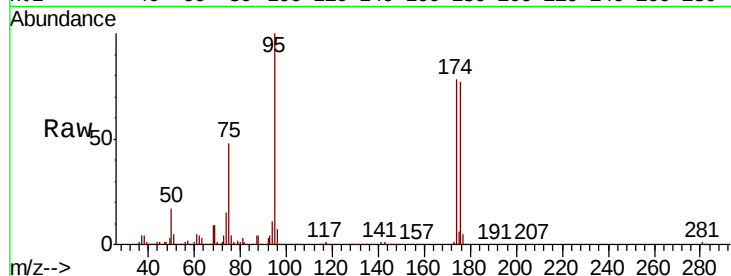




#76
 1,2,3-Trichloropropane
 Concen: 24.764 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

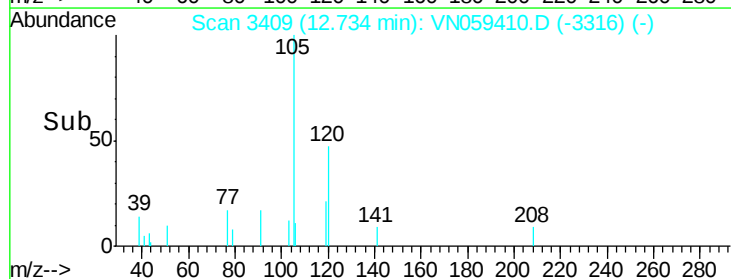
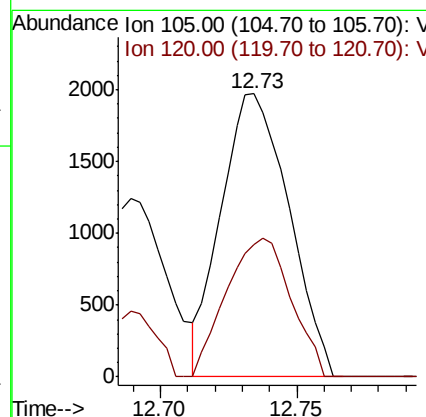
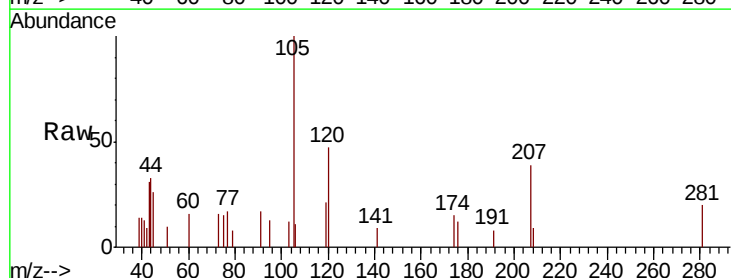
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12B-D

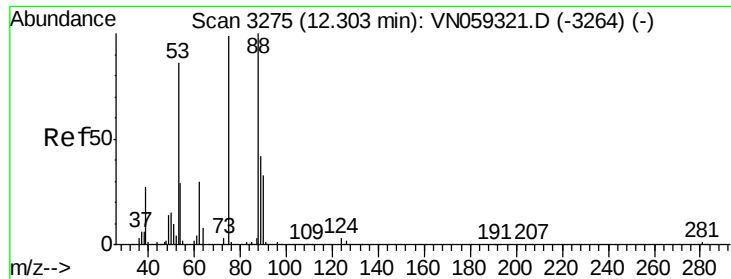
Tot Ion: 75 Resp: 105125
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.269 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059410.D
 Acq: 26 Nov 2019 16:36

Tgt Ion:105 Resp: 3407
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 61.939 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

TP-12B-D

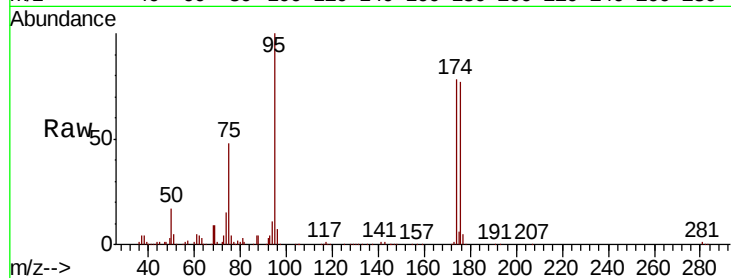
Tot Ion: 75 Resp: 105125

Ion Ratio Lower Upper

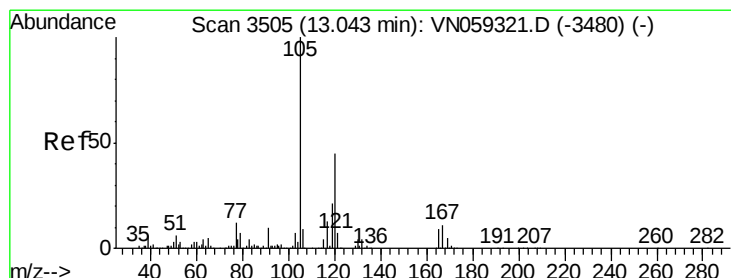
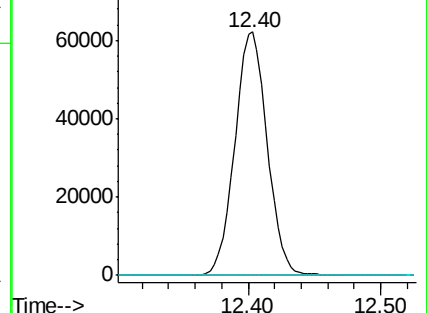
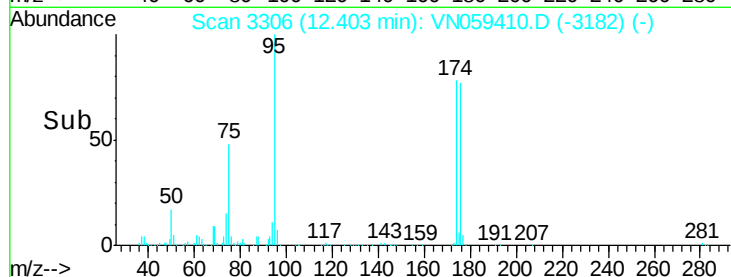
75 100

53 0.0 70.7 106.1#

89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059410.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.596 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059410.D

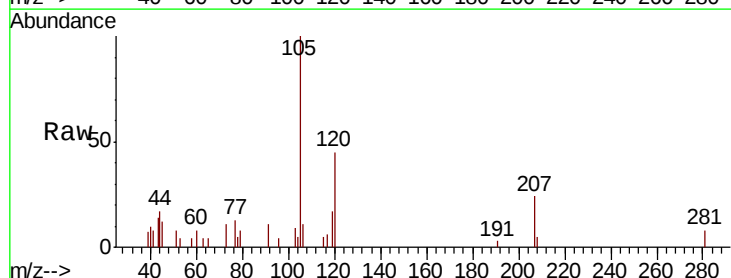
Acq: 26 Nov 2019 16:36

Tgt Ion: 105 Resp: 7388

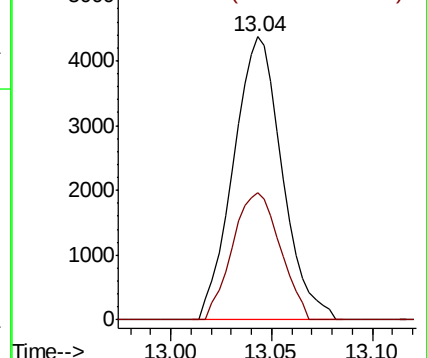
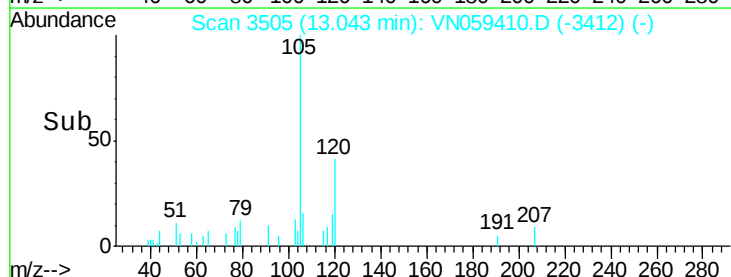
Ion Ratio Lower Upper

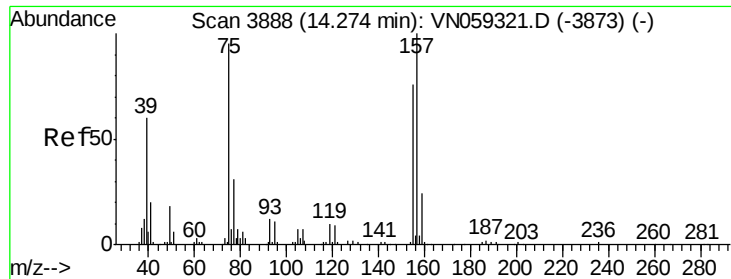
105 100

120 43.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VN059410.D (-3412) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.323 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.01 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

TP-12B-D

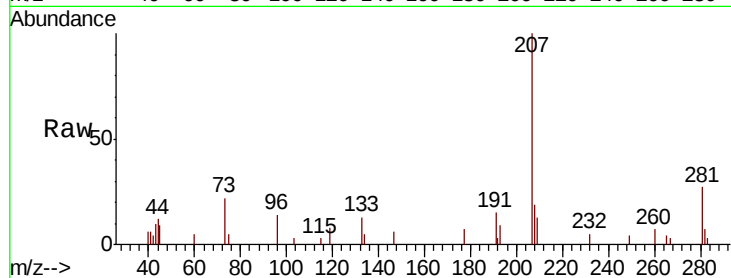
Tot Ion: 75 Resp: 342

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

157 0.0 52.7 158.1#

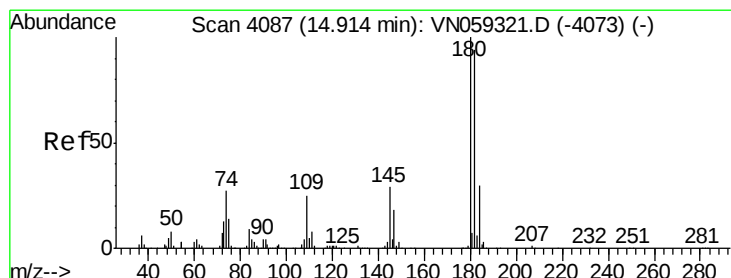
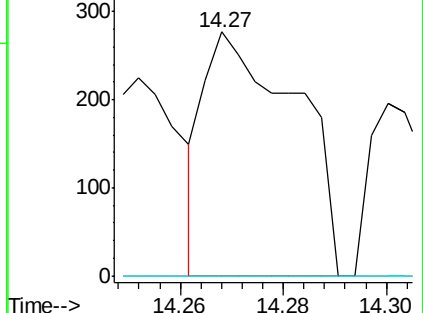
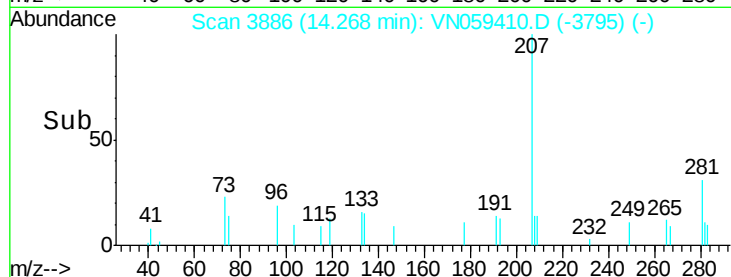


Abundance Ion 74.90 (74.60 to 75.60): VN059410.D (-3795) (-)

Ion 154.80 (154.50 to 155.50): VN059410.D (-3795) (-)

Ion 156.80 (156.50 to 157.50): VN059410.D (-3795) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.067 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059410.D

Acq: 26 Nov 2019 16:36

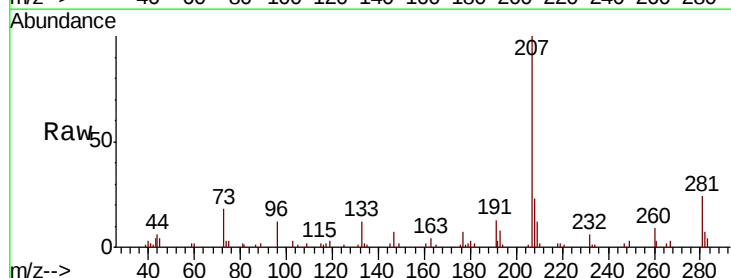
Tgt Ion: 180 Resp: 536

Ion Ratio Lower Upper

180 100

182 59.1 47.2 141.6

145 119.6 14.9 44.5#

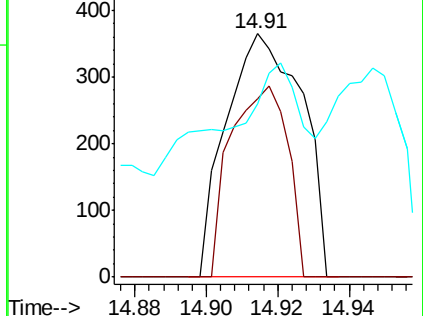
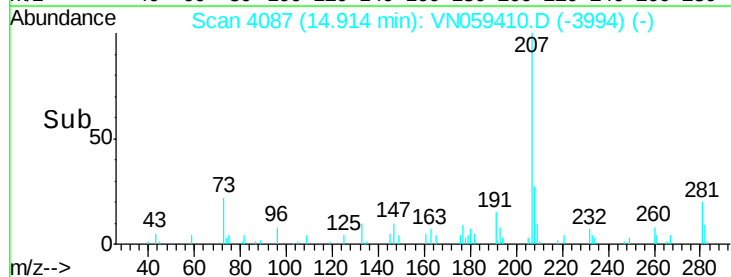


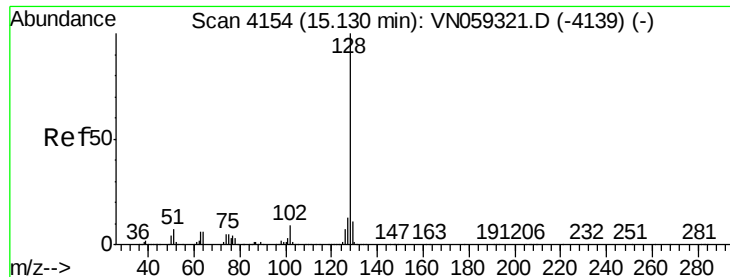
Abundance Ion 179.80 (179.50 to 180.50): VN059410.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN059410.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN059410.D (-3994) (-)

Time-->

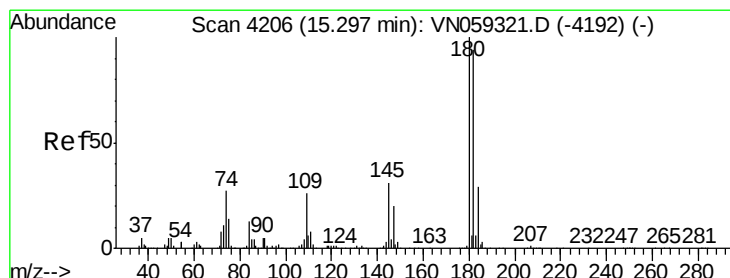
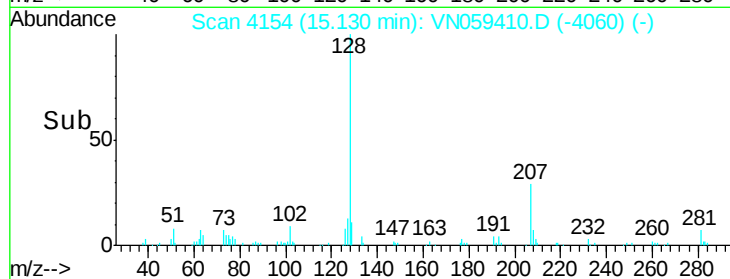
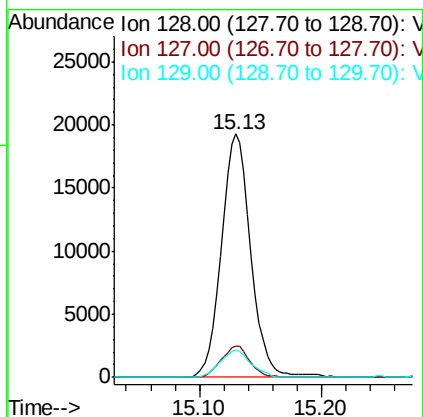
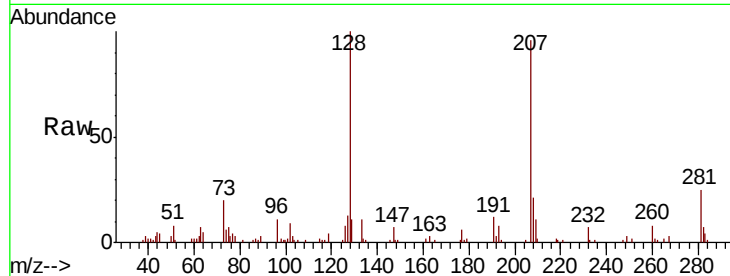




#95
Naphthalene
Concen: 5.983 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Instrument :
MSVOA_N
ClientSampled :
TP-12B-D

Tot Ion:128 Resp: 32556
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.079 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.01 min
Lab File: VN059410.D
Acq: 26 Nov 2019 16:36

Tgt Ion:180 Resp: 707
Ion Ratio Lower Upper
180 100
182 0.0 47.1 141.4#
145 85.7 15.6 46.8#

