

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059161.D
 Acq On : 11 Nov 2019 15:16
 Operator : JC/SP
 Sample : PB124650TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124650TB

Quant Time: Nov 12 00:43:05 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	403816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	637554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	556959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	277668	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
35) Dibromofluoromethane	7.57	113	203018	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.08	98	818400	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.40	95	254632	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.75	59	196	0.207	ug/l #	72
16) Acetone	3.80	43	13777	5.337	ug/l	95
17) Carbon Disulfide	4.03	76	4876	0.417	ug/l	99
18) Methyl Acetate	4.30	43	2746	0.448	ug/l #	87
20) Methylene Chloride	4.52	84	5680	1.263	ug/l	97
25) 2-Butanone	6.82	43	3205	0.942	ug/l	97
31) Cyclohexane	7.65	56	8663	1.121	ug/l #	3
36) 1,1-Dichloropropene	7.64	75	31147	5.227	ug/l #	50
38) Carbon Tetrachloride	7.64	117	39706	6.694	ug/l #	16
43) Isopropyl Acetate	8.15	43	122555	11.596	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	3038	0.623	ug/l #	44
48) Methyl methacrylate	9.17	41	7985	1.689	ug/l #	14
49) 1,4-Dioxane	9.25	88	143	1.702	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7677	1.284	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	51846	6.878	ug/l #	63
56) Ethyl methacrylate	10.54	69	1887	2.123	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	9801	1.308	ug/l #	42
59) 2-Hexanone	10.76	43	141464	30.819	ug/l #	52
71) Bromoform	12.40	173	1073	0.339	ug/l #	1
74) N-amyl acetate	12.03	43	4385	0.747	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	127457	29.384	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7521	0.640	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	127457	77.611	ug/l #	13
87) 1,3-Dichlorobenzene	13.29	146	1336	0.224	ug/l	96
88) 1,4-Dichlorobenzene	13.29	146	1336	0.224	ug/l	95
89) n-Butylbenzene	13.62	91	2455	0.241	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	1423	0.243	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	644	0.710	ug/l #	28
93) 1,2,4-Trichlorobenzene	14.91	180	2794	3.784	ug/l	90
94) Hexachlorobutadiene	15.01	225	505	0.250	ug/l	83
95) Naphthalene	15.13	128	11793	4.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	3355	1.021	ug/l	92

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

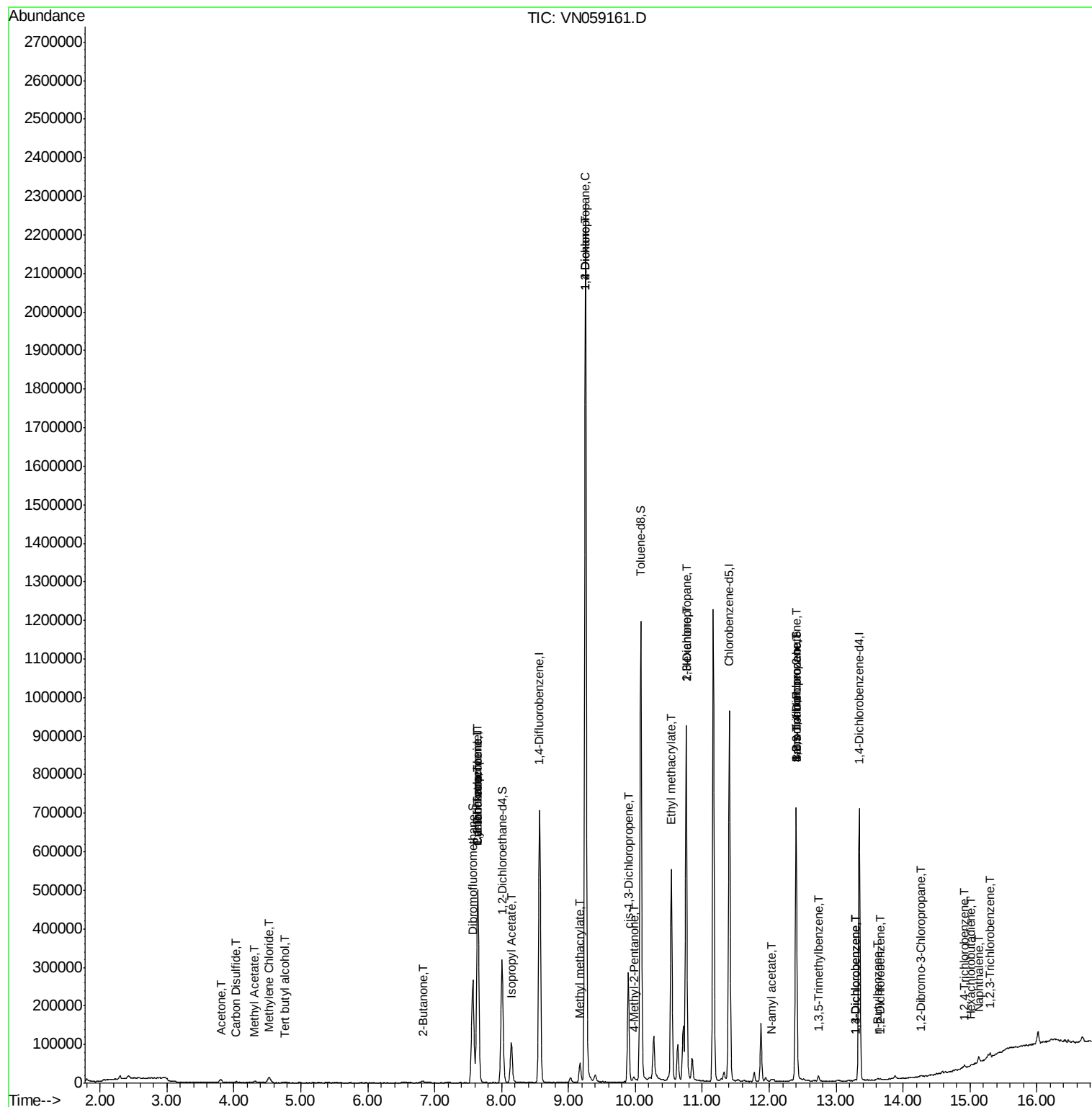
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

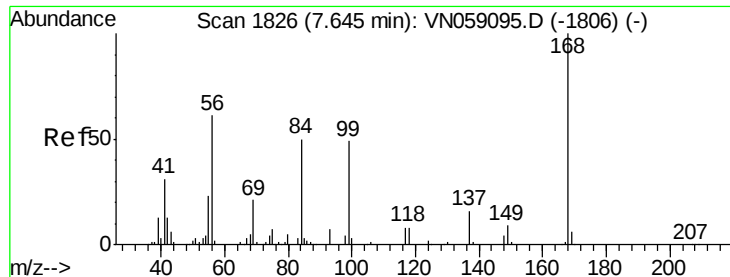
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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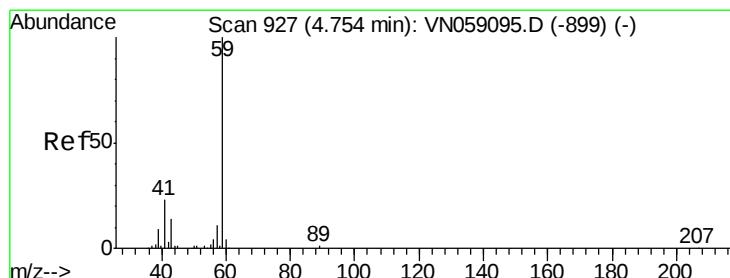
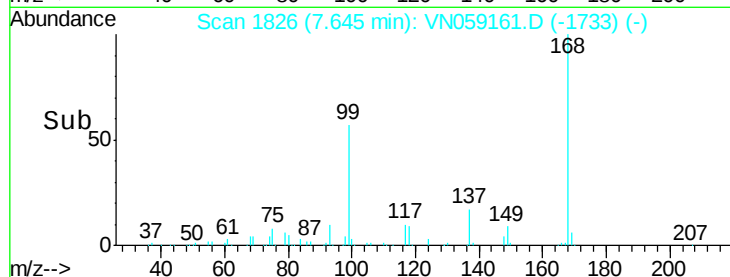
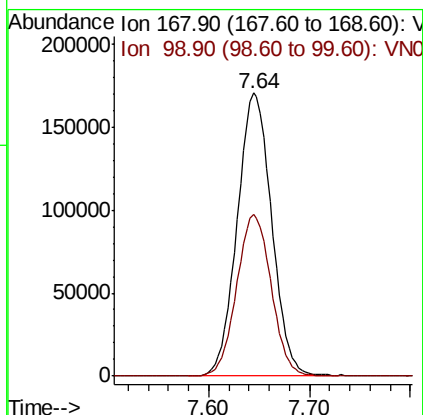
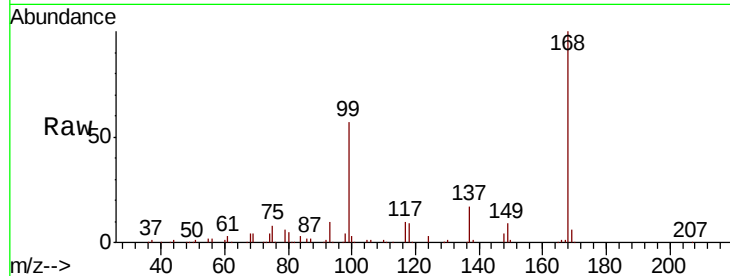




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

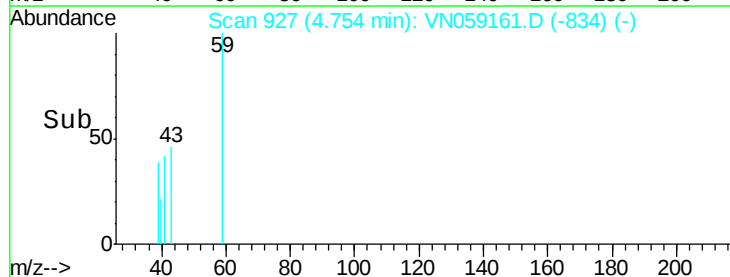
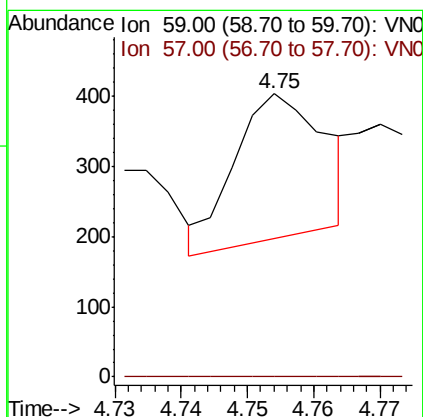
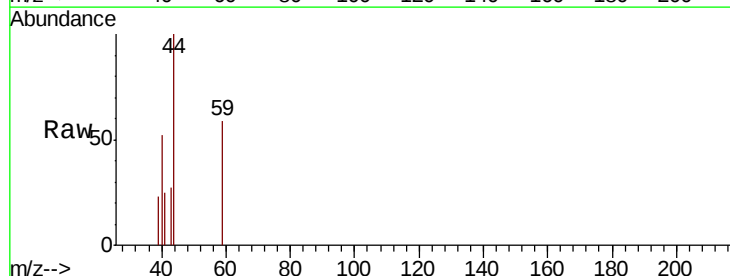
Instrument :
MSVOA_N
ClientSampleId :
PB124650TB

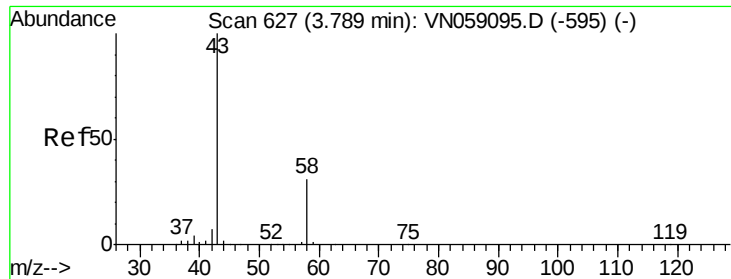
Tot Ion:168 Resp: 403816
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 5.337 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

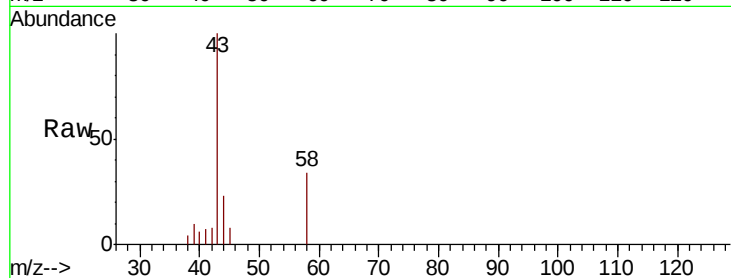
PB124650TB

Tot Ion: 43 Resp: 13777

Ion Ratio Lower Upper

43 100

58 34.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)

3.80

4000

3000

2000

1000

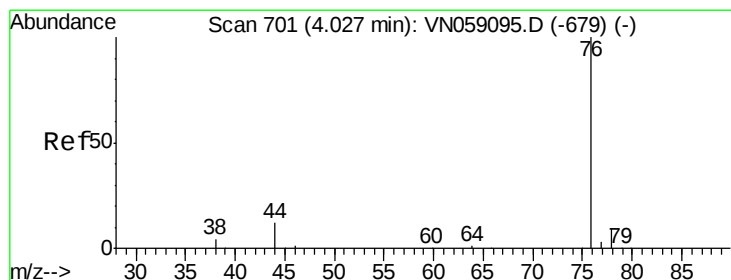
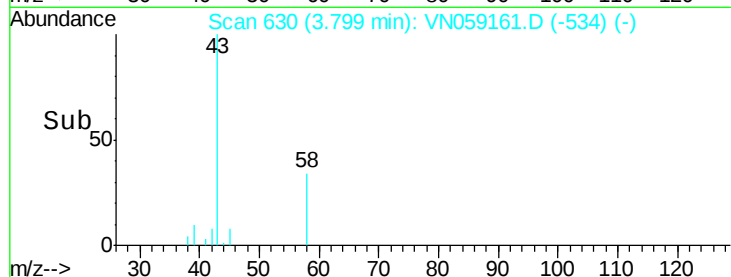
0

Time-->

3.70

3.80

3.90



#17

Carbon Disulfide

Concen: 0.417 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059161.D

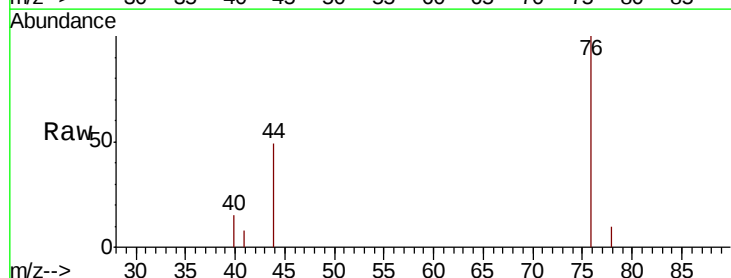
Acq: 11 Nov 2019 15:16

Tgt Ion: 76 Resp: 4876

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059095.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059095.D (-679) (-)

4.03

2000

1500

1000

500

0

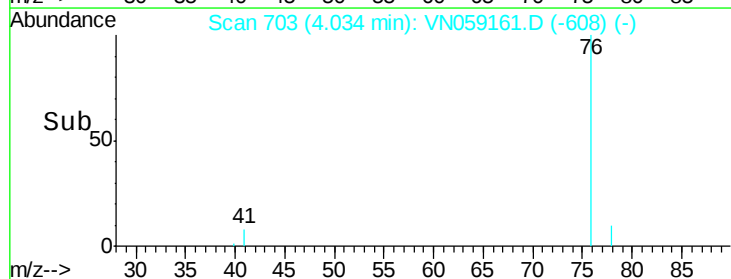
Time-->

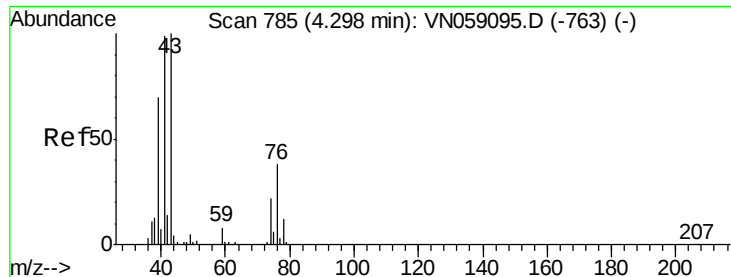
3.95

4.00

4.05

4.10

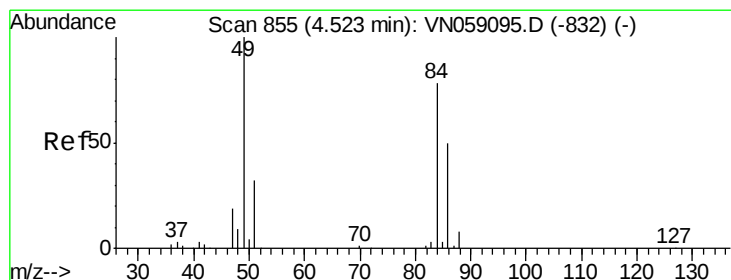
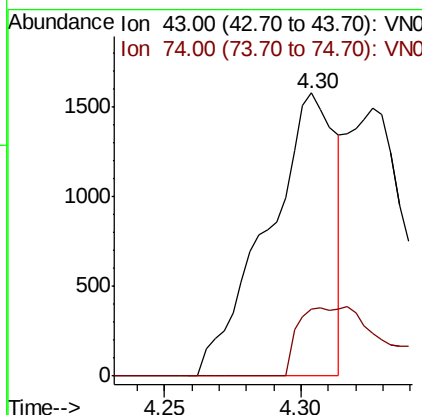
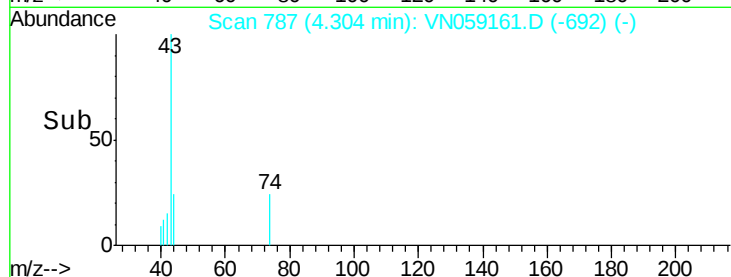
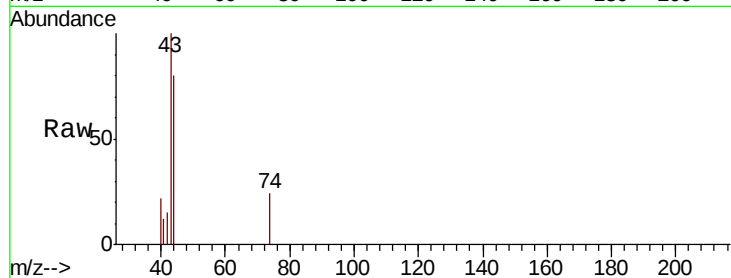




#18
Methyl Acetate
Concen: 0.448 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

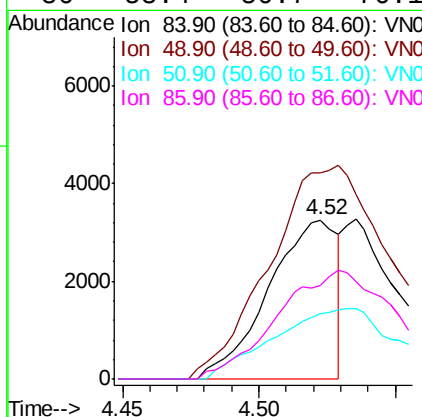
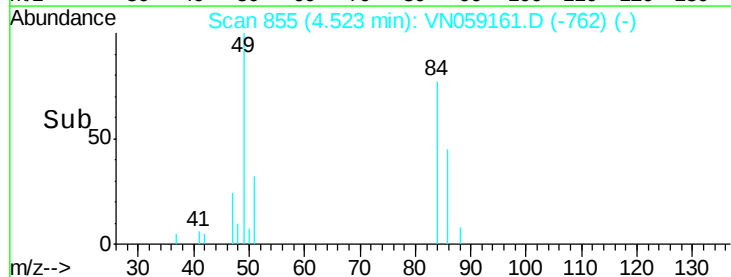
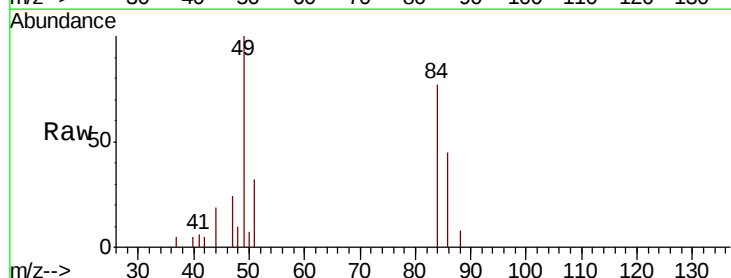
Instrument :
MSVOA_N
ClientSampled :
PB124650TB

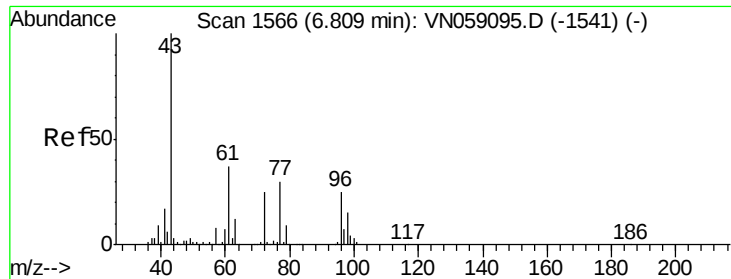
Tot Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
74 28.5 17.8 26.8#



#20
Methylene Chloride
Concen: 1.263 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

Tgt Ion: 84 Resp: 5680
Ion Ratio Lower Upper
84 100
49 129.6 102.0 153.0
51 40.9 32.2 48.2
86 58.4 50.7 76.1

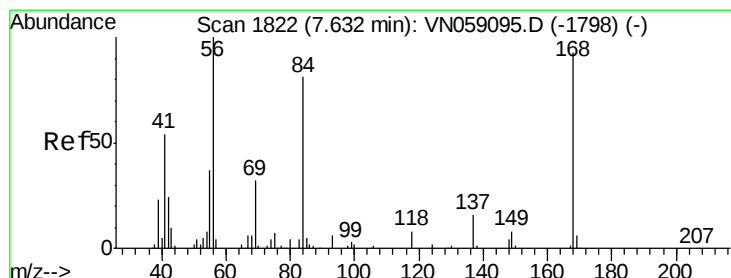
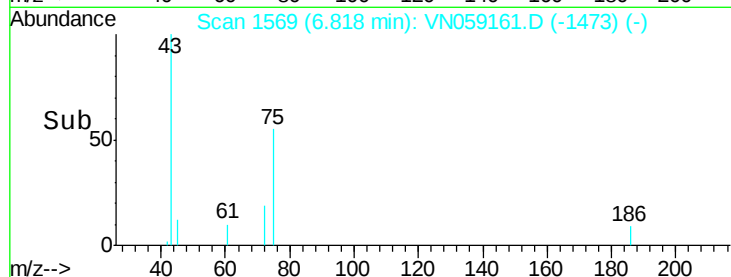
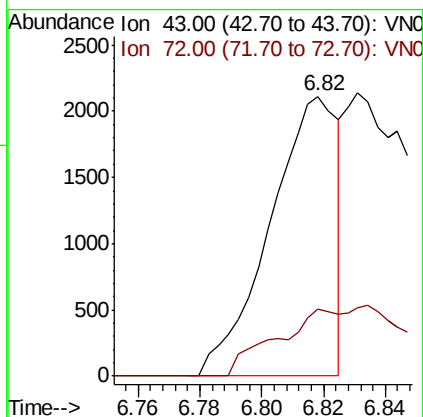
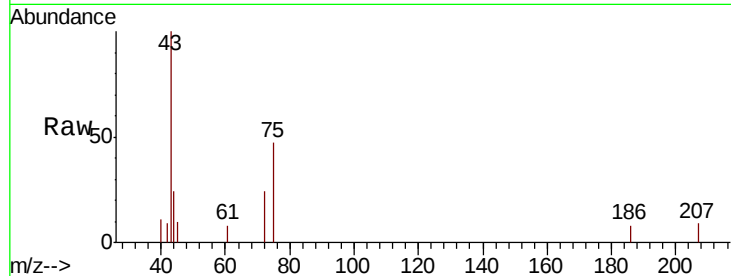




#25
2-Butanone
Concen: 0.942 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

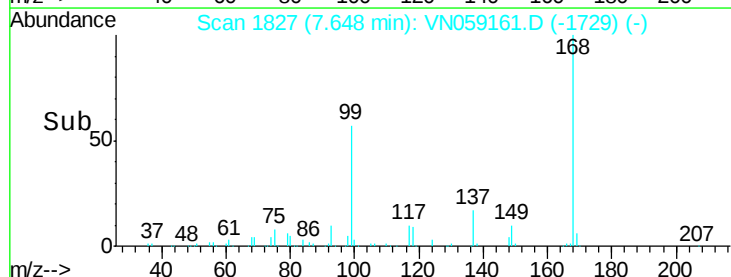
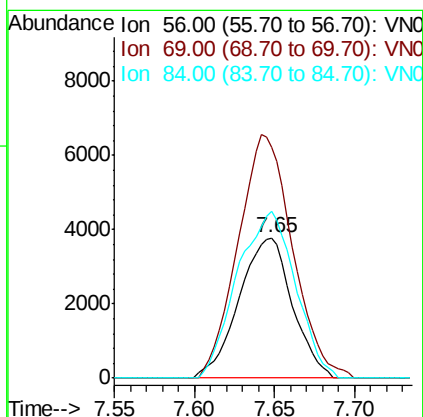
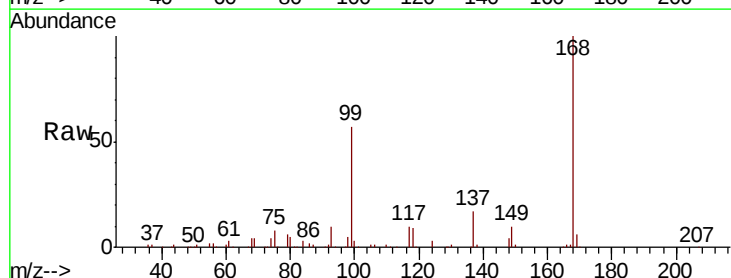
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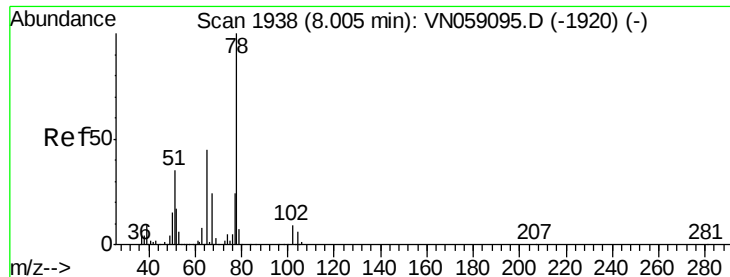
Tot Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
72 23.9 20.3 30.5



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

Tgt Ion: 56 Resp: 8663
Ion Ratio Lower Upper
56 100
69 164.7 25.8 38.8#
84 118.5 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 55.937 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

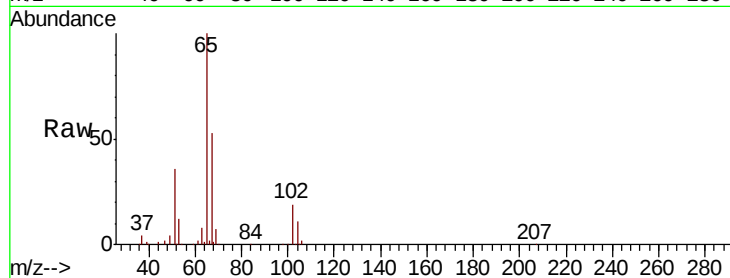
PB124650TB

Tot Ion: 65 Resp: 277668

Ion Ratio Lower Upper

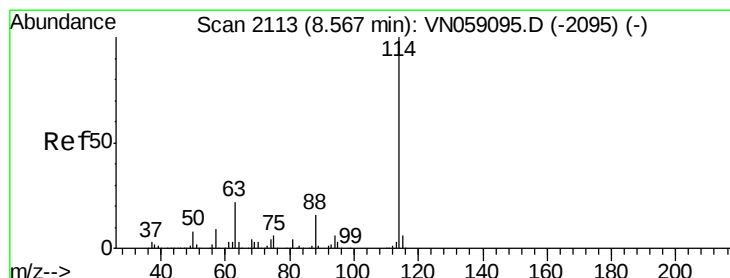
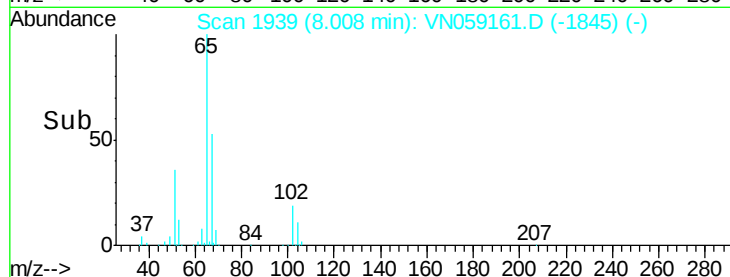
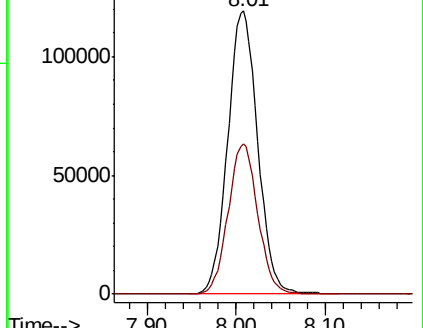
65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059161.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059161.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

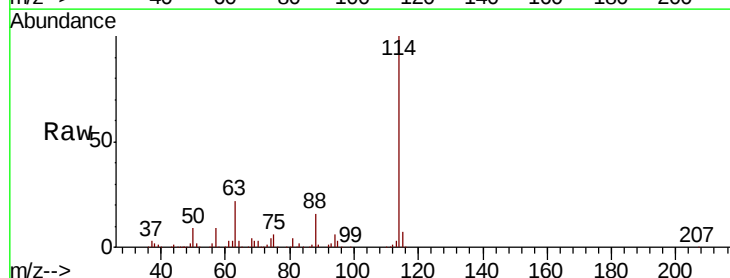
Tgt Ion: 114 Resp: 637554

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

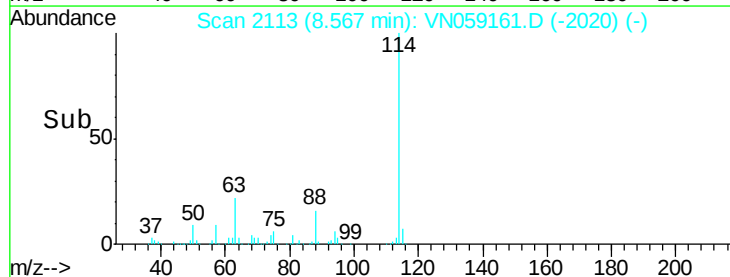
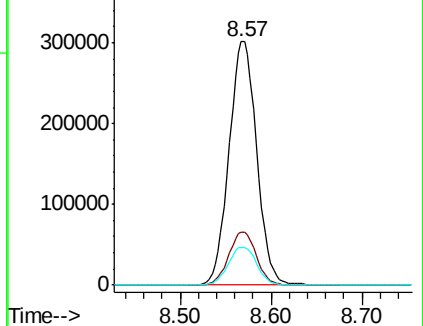
88 15.6 0.0 32.2

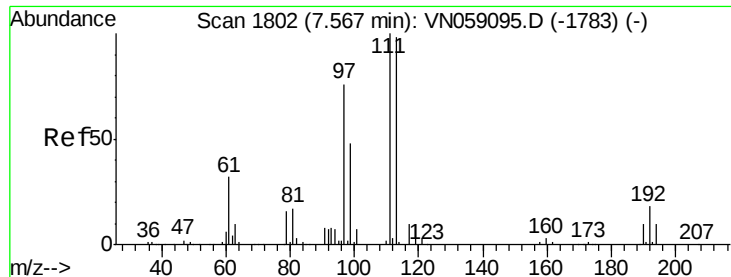


Abundance Ion 113.90 (113.60 to 114.60): VN059161.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059161.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059161.D (-2020) (-)

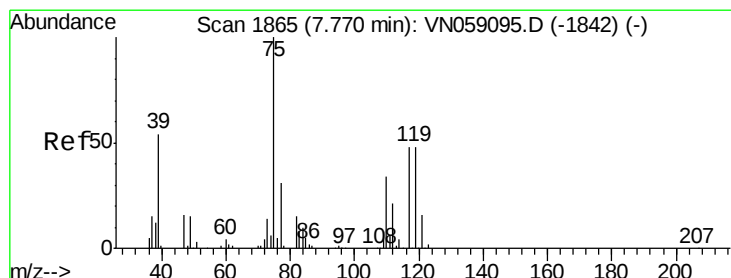
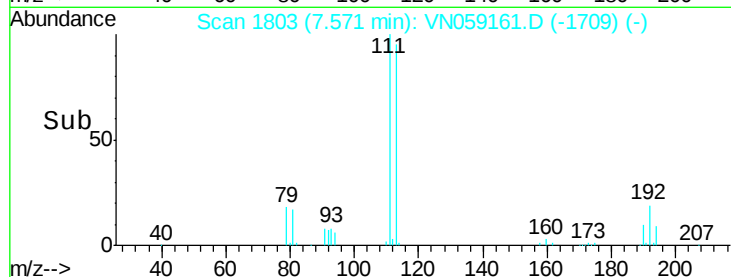
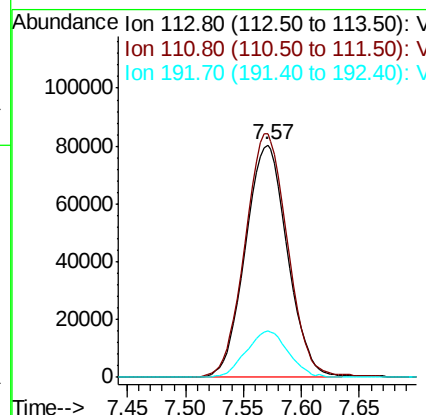
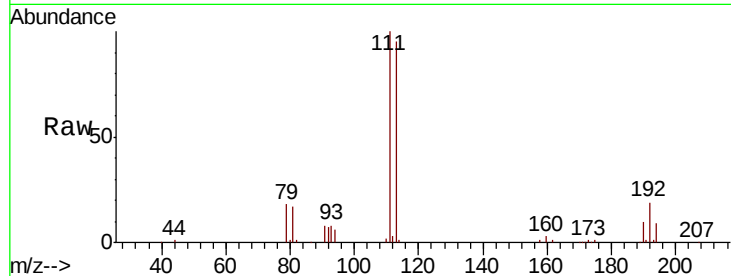




#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

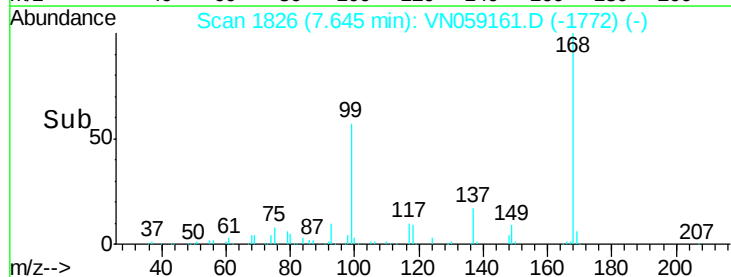
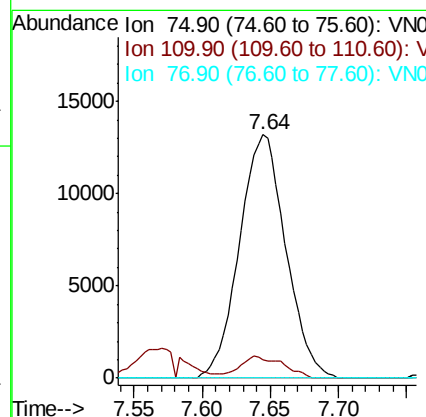
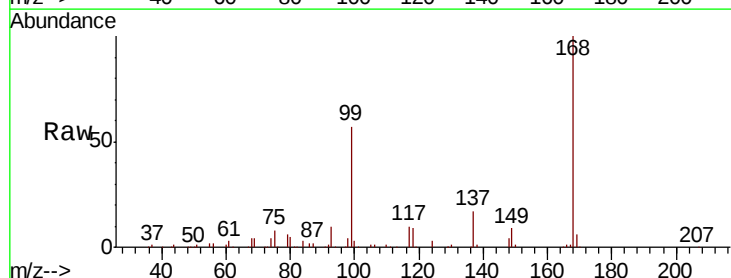
Instrument :
MSVOA_N
ClientSampled :
PB124650TB

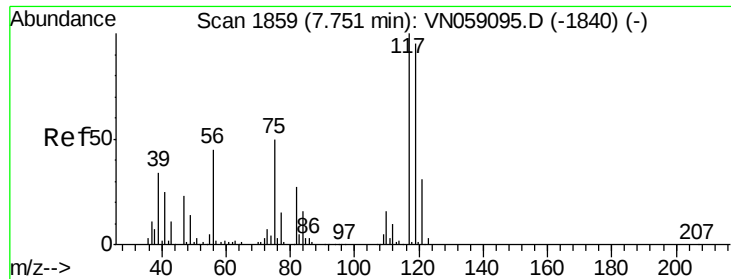
Tot Ion:113 Resp: 203018
Ion Ratio Lower Upper
113 100
111 106.5 82.8 124.2
192 20.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.227 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

Tgt Ion: 75 Resp: 31147
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.694 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

PB124650TB

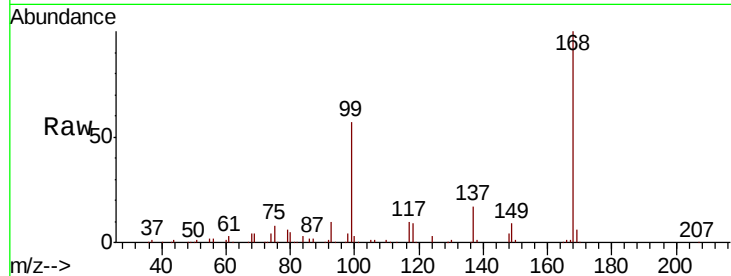
Tot Ion:117 Resp: 39706

Ion Ratio Lower Upper

117 100

119 4.7 75.6 113.4#

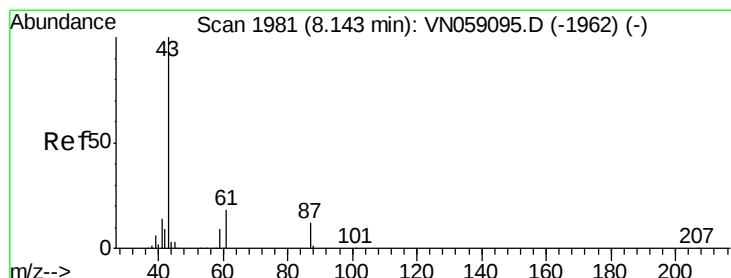
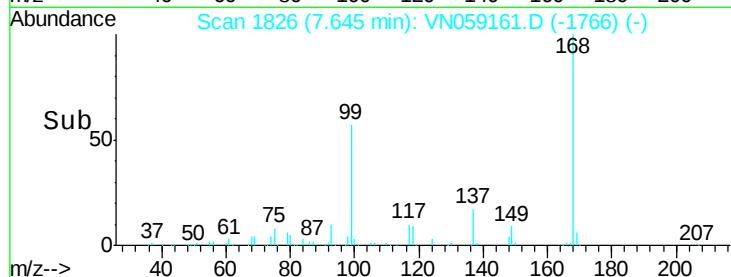
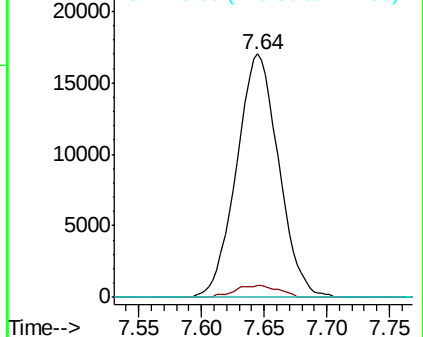
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 11.596 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

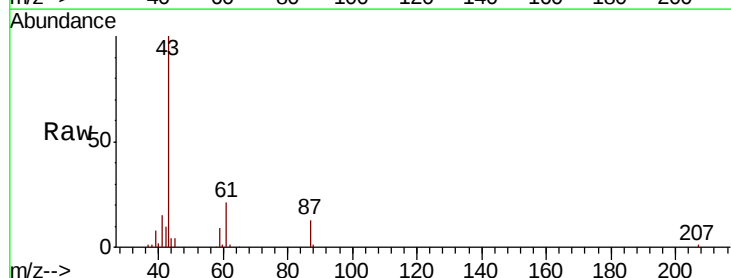
Tgt Ion: 43 Resp: 122555

Ion Ratio Lower Upper

43 100

61 19.9 21.0 31.6#

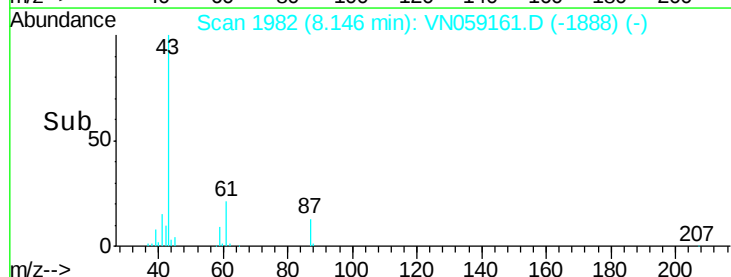
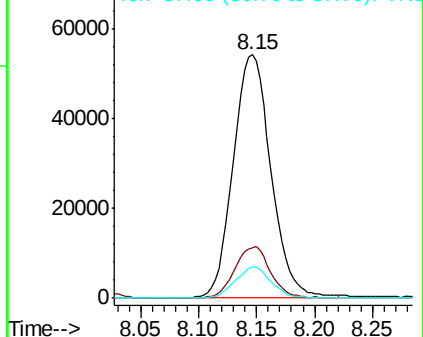
87 12.3 9.8 14.6

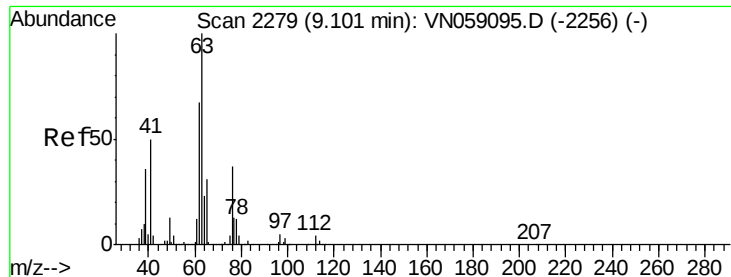


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.623 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

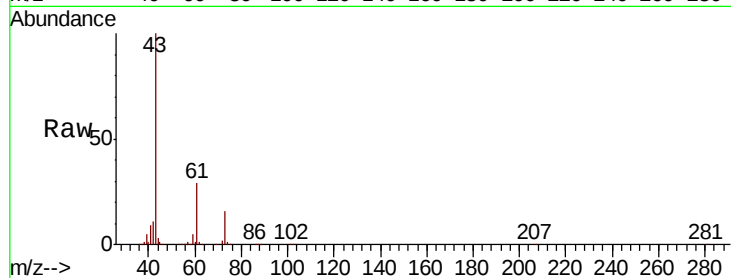
PB124650TB

Tot Ion: 63 Resp: 3038

Ion Ratio Lower Upper

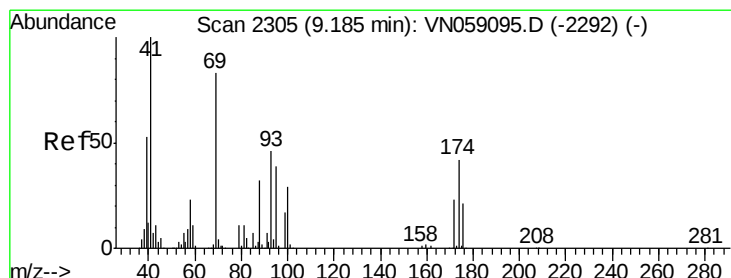
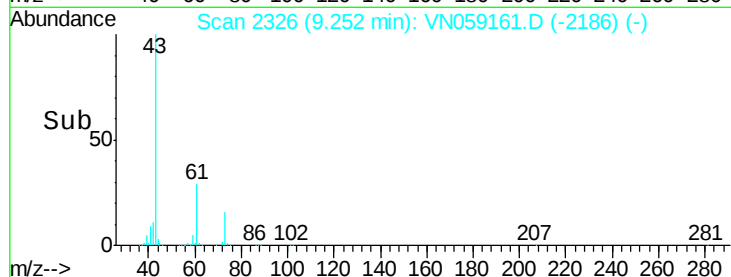
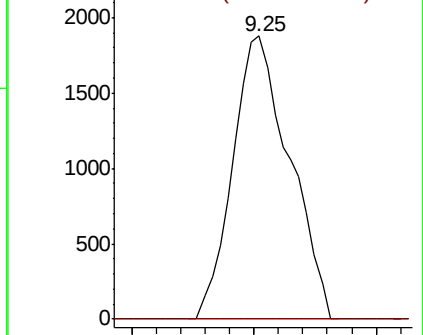
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.689 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

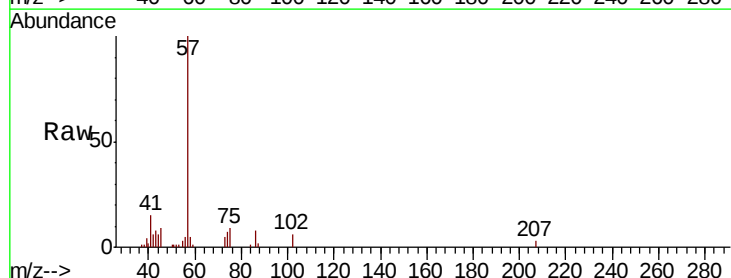
Tgt Ion: 41 Resp: 7985

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

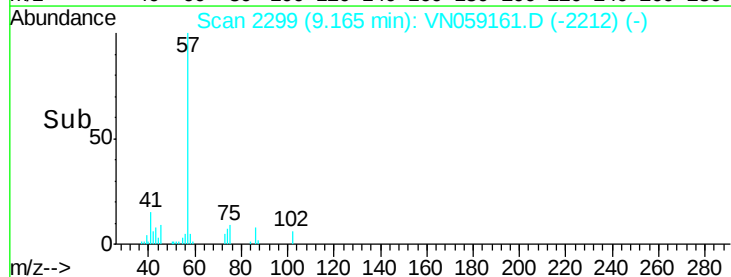
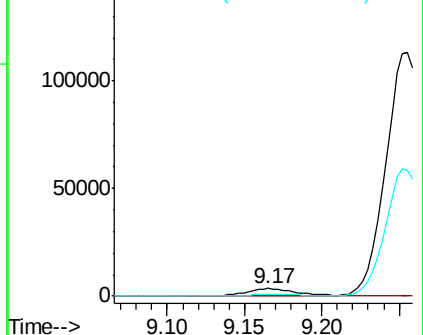
39 0.0 43.3 64.9#

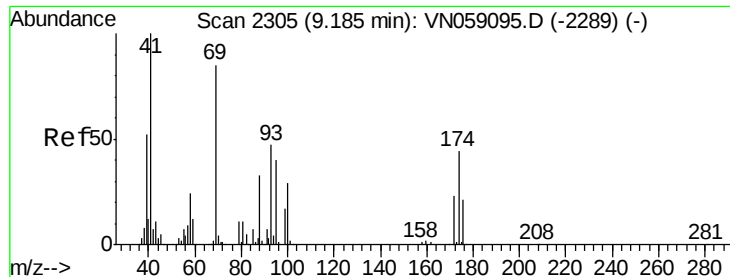


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 1.702 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.07 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

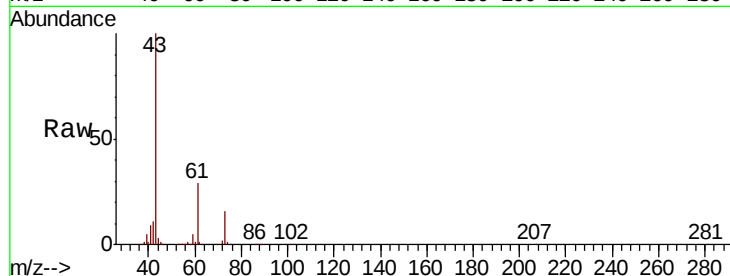
Tot Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 1587083.9 26.3 39.5#

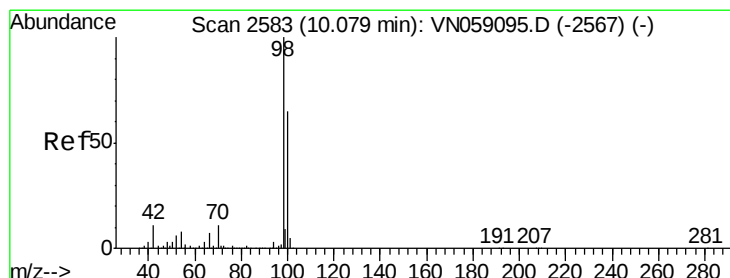
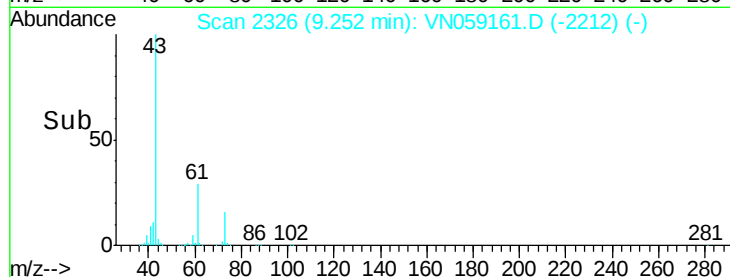
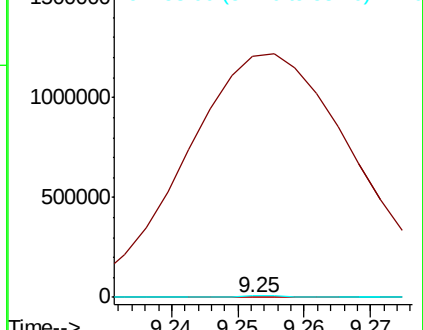
58 6720.3 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#50

Toluene-d8

Concen: 54.579 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059161.D

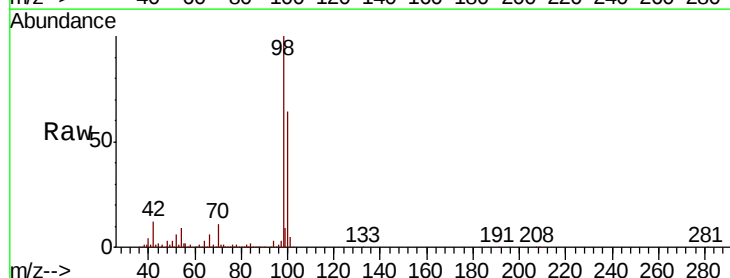
Acq: 11 Nov 2019 15:16

Tgt Ion: 98 Resp: 818400

Ion Ratio Lower Upper

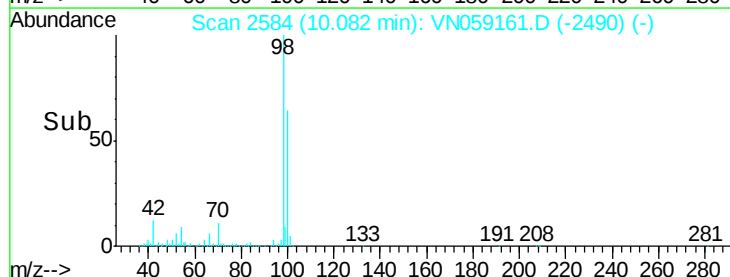
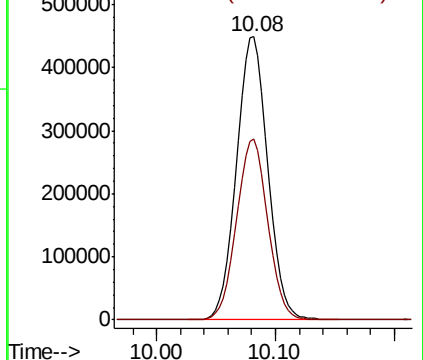
98 100

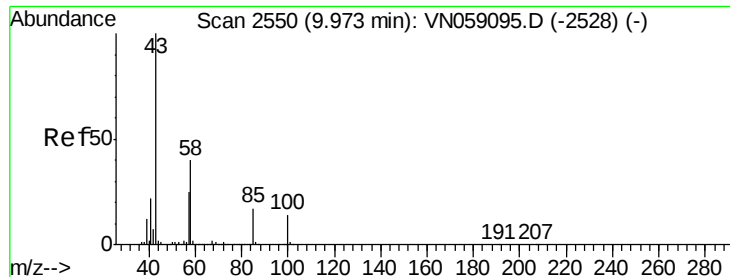
100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC





#51

4-Methyl-2-Pentanone

Concen: 1.284 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

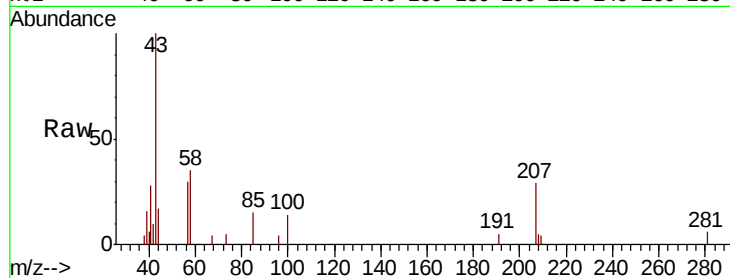
PB124650TB

Tot Ion: 43 Resp: 7677

Ion Ratio Lower Upper

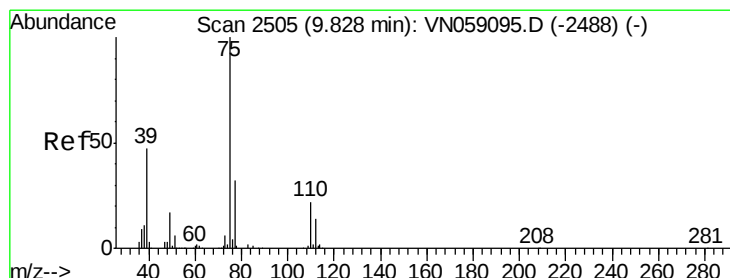
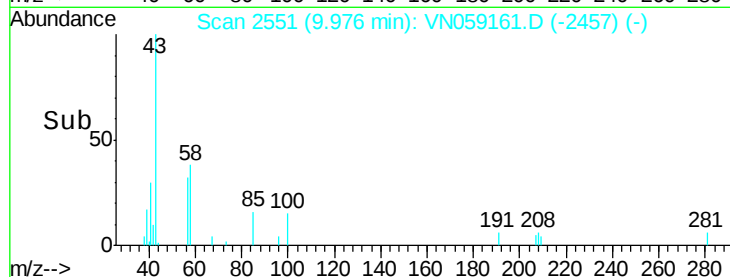
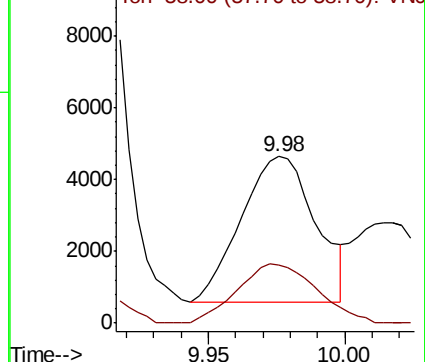
43 100

58 43.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.878 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

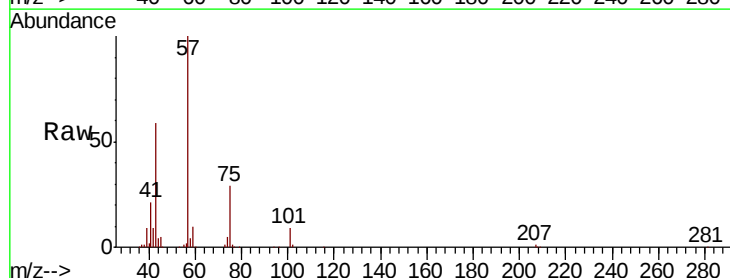
Tgt Ion: 75 Resp: 51846

Ion Ratio Lower Upper

75 100

77 0.8 25.5 38.3#

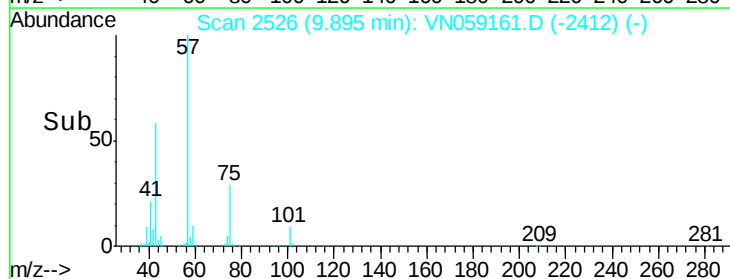
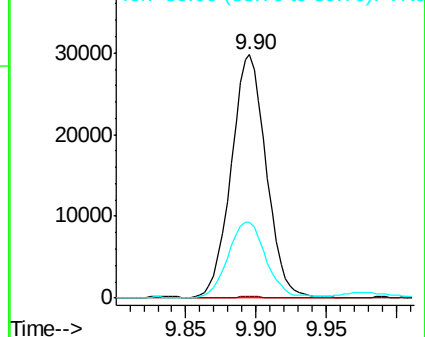
39 31.1 37.3 55.9#

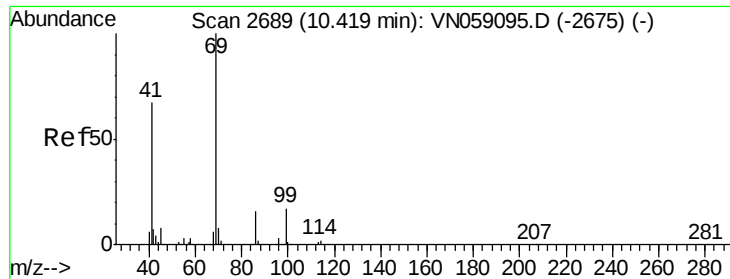


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.123 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

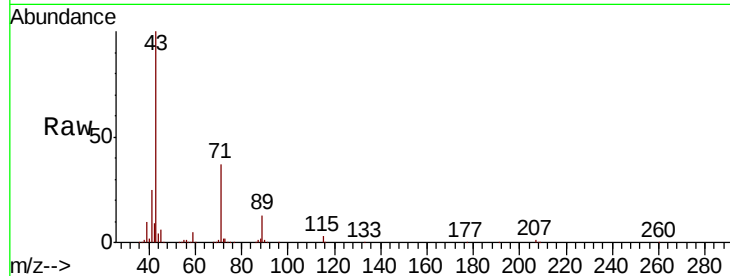
Tot Ion: 69 Resp: 1887

Ion Ratio Lower Upper

69 100

41 5422.8 53.6 80.4#

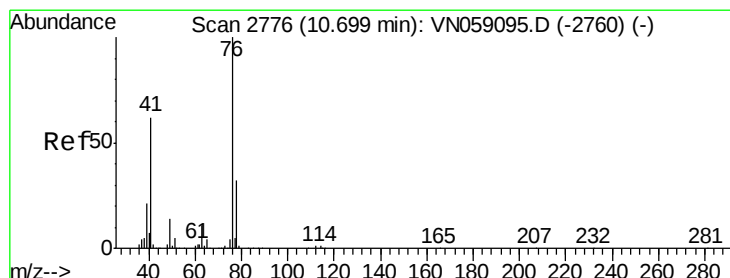
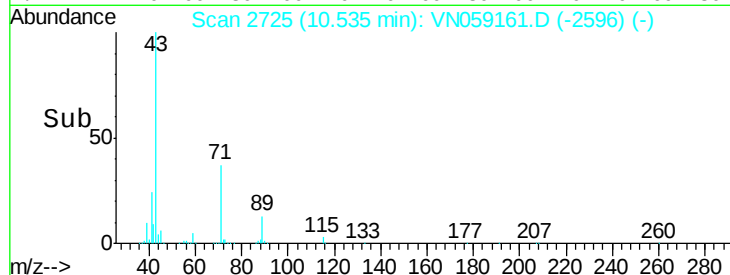
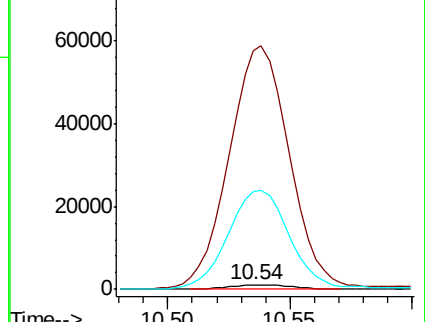
39 2271.2 26.2 39.4#



Abundance Ion 69.00 (68.70 to 69.70): VN059161.D (-2596) (-)

Ion 41.00 (40.70 to 41.70): VN059161.D (-2596) (-)

Ion 39.00 (38.70 to 39.70): VN059161.D (-2596) (-)



#57

1,3-Dichloropropane

Concen: 1.308 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059161.D

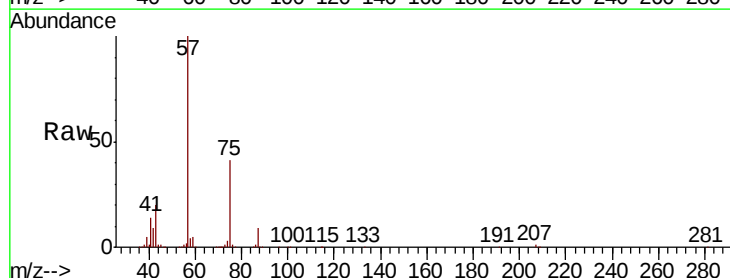
Acq: 11 Nov 2019 15:16

Tgt Ion: 76 Resp: 9801

Ion Ratio Lower Upper

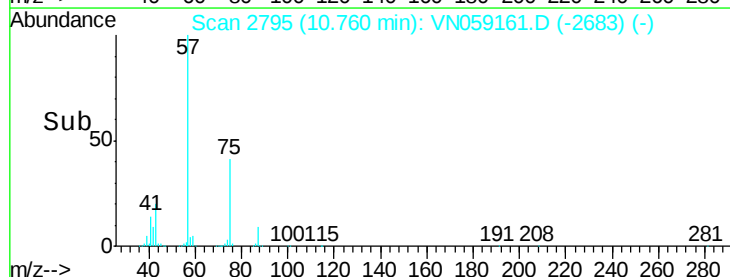
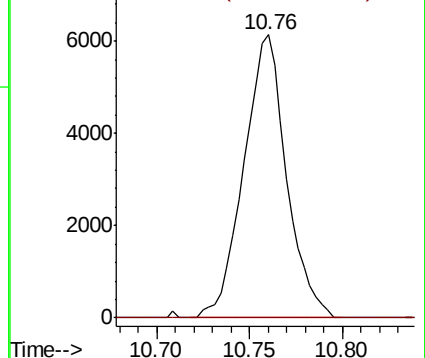
76 100

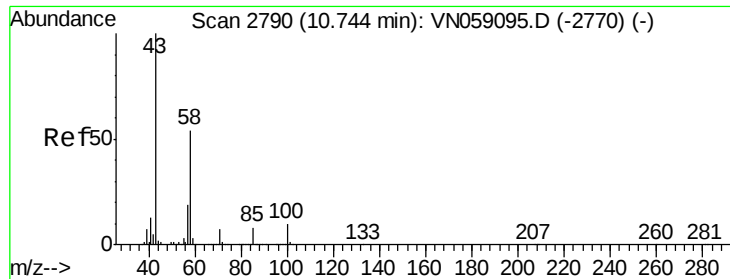
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN059161.D (-2683) (-)

Ion 77.90 (77.60 to 78.60): VN059161.D (-2683) (-)

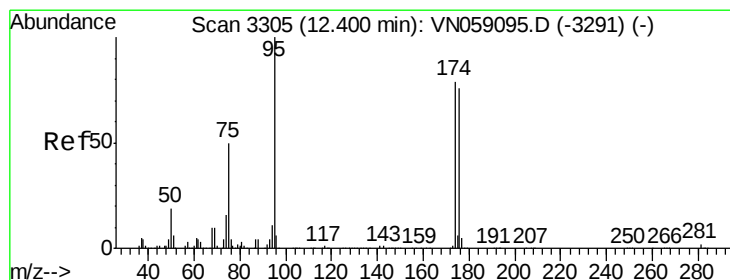
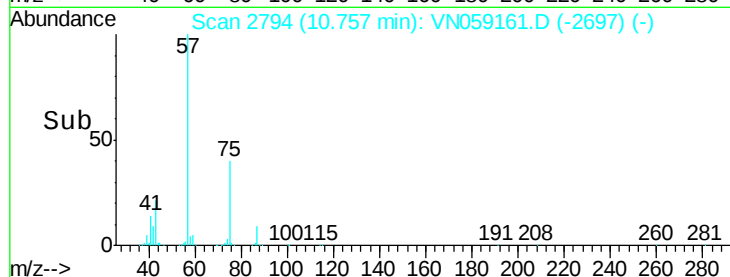
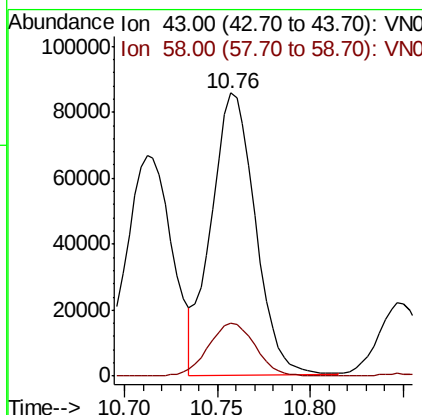
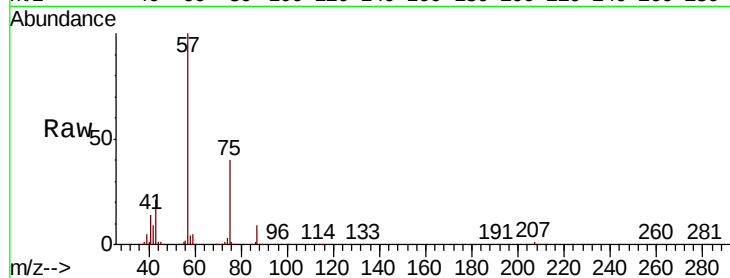




#59
2-Hexanone
Concen: 30.819 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

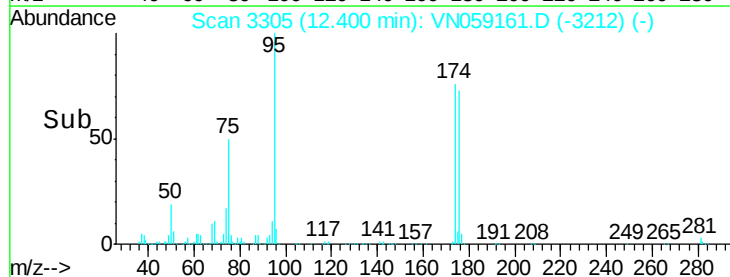
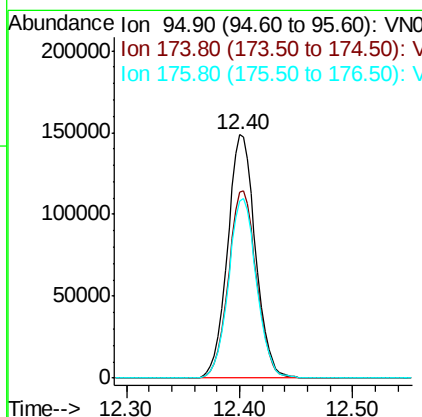
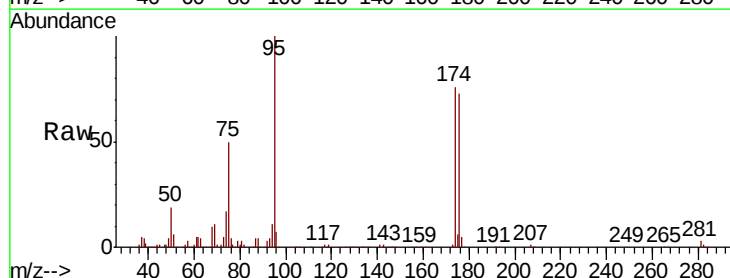
Instrument :
MSVOA_N
ClientSampleId :
PB124650TB

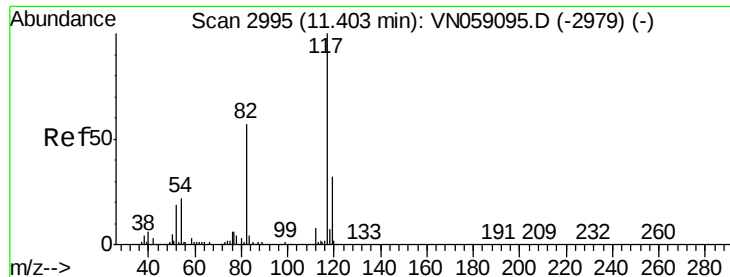
Tot Ion: 43 Resp: 141464
Ion Ratio Lower Upper
43 100
58 20.1 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 47.097 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059161.D
Acq: 11 Nov 2019 15:16

Tgt Ion: 95 Resp: 254632
Ion Ratio Lower Upper
95 100
174 77.4 0.0 158.2
176 74.1 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: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

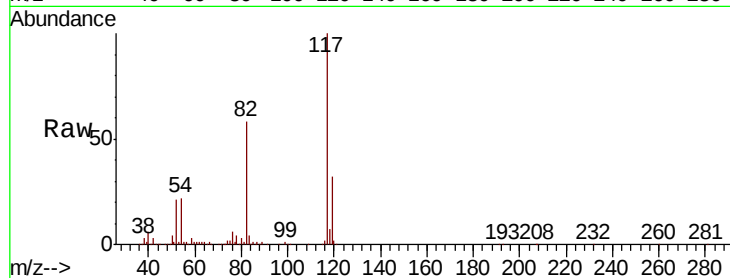
Tot Ion:117 Resp: 556959

Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.8

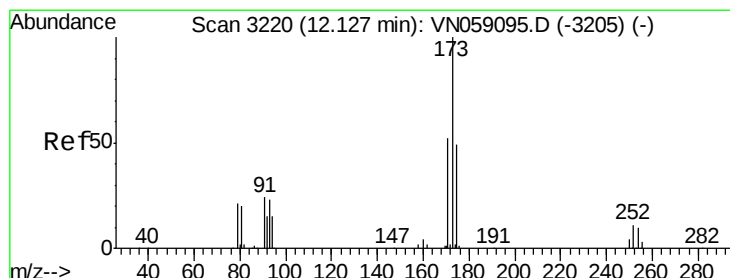
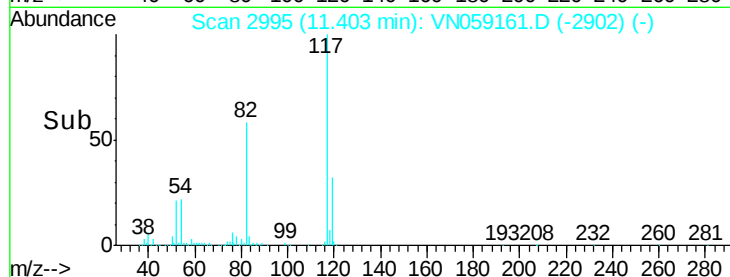
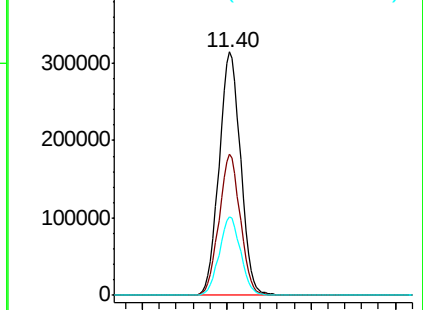
119 32.2 25.8 38.6



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



#71

Bromoform

Concen: 0.339 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

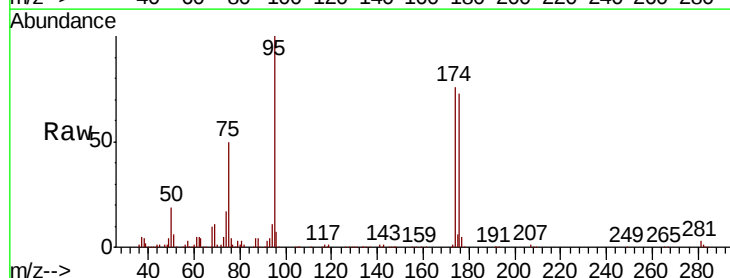
Tgt Ion:173 Resp: 1073

Ion Ratio Lower Upper

173 100

175 1138.8 24.2 72.6#

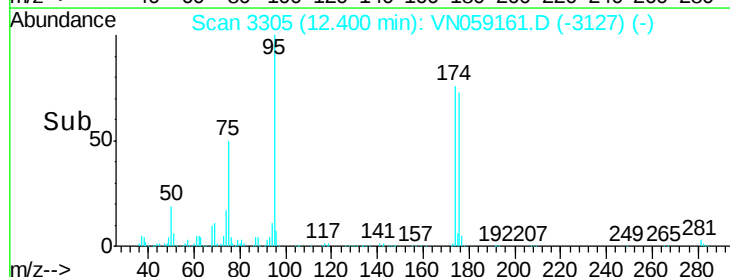
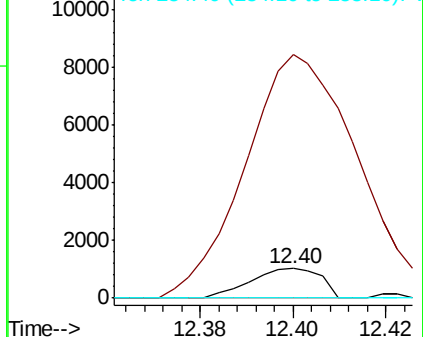
254 0.0 0.1 0.1#

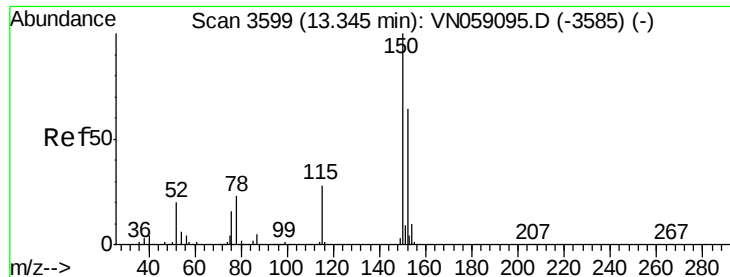


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

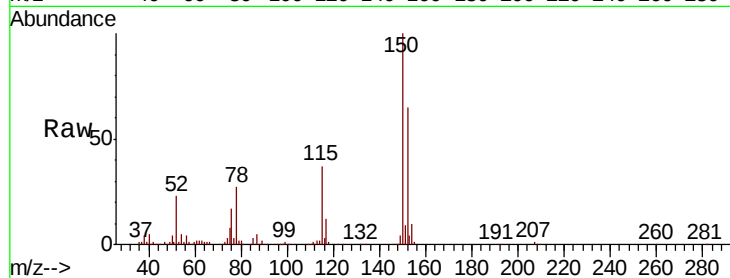
Tot Ion:152 Resp: 190526

Ion Ratio Lower Upper

152 100

115 59.0 29.4 88.2

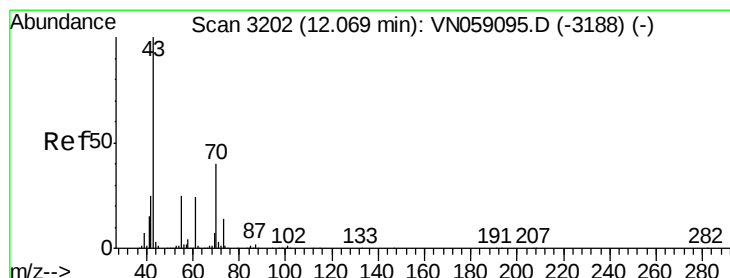
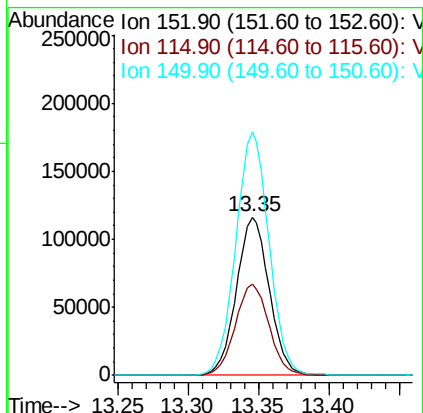
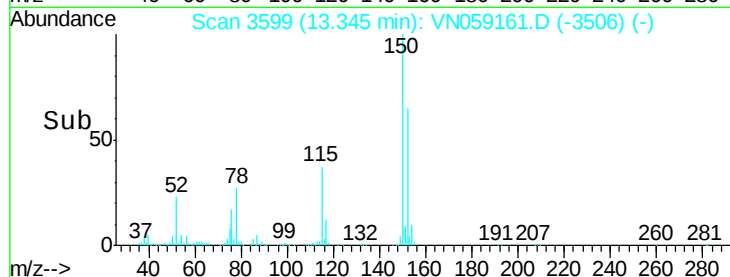
150 155.5 0.0 345.8



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



#74

N-ethyl acetate

Concen: 0.747 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Tgt Ion: 43 Resp: 4385

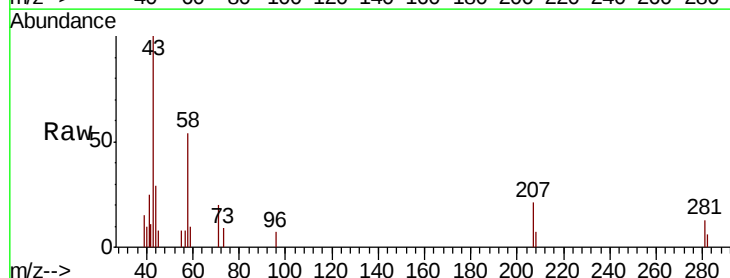
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 4.9 20.4 30.6#

61 0.0 19.3 28.9#

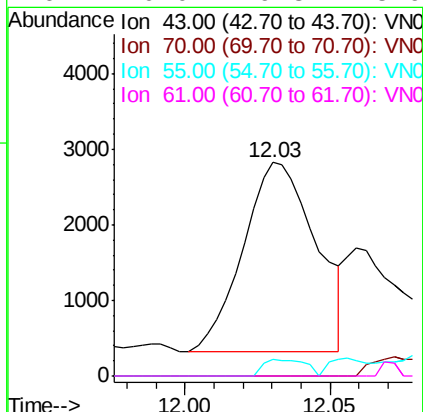
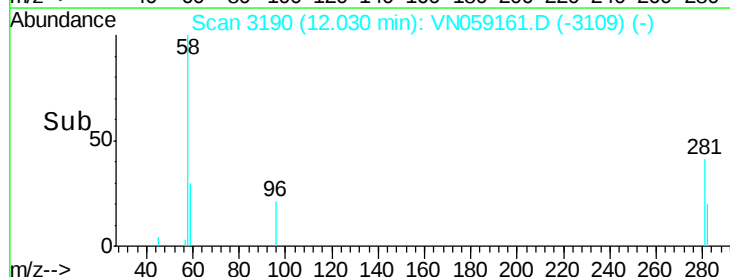


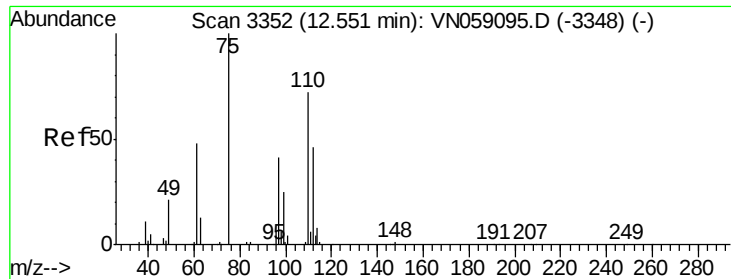
Abundance Ion 43.00 (42.70 to 43.70): V

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

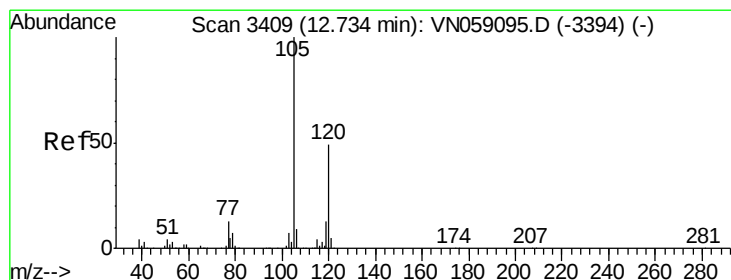
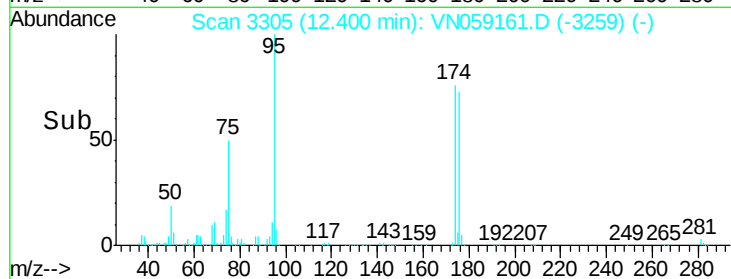
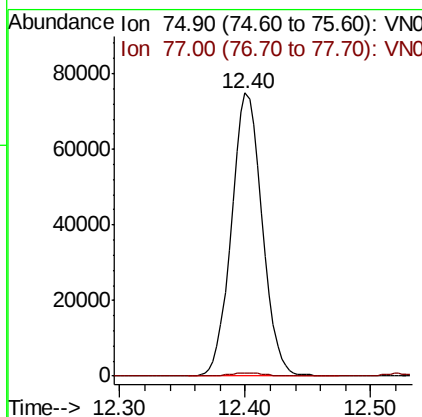
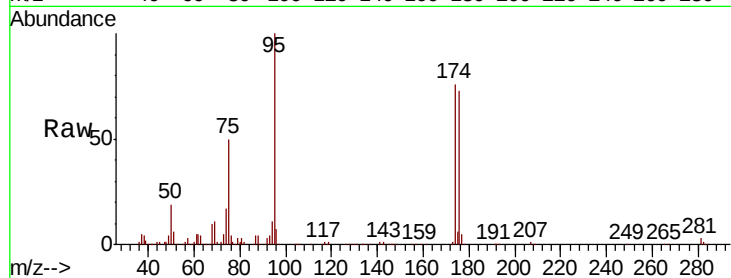




#76
 1,2,3-Trichloropropane
 Concen: 29.384 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN059161.D
 Acq: 11 Nov 2019 15:16

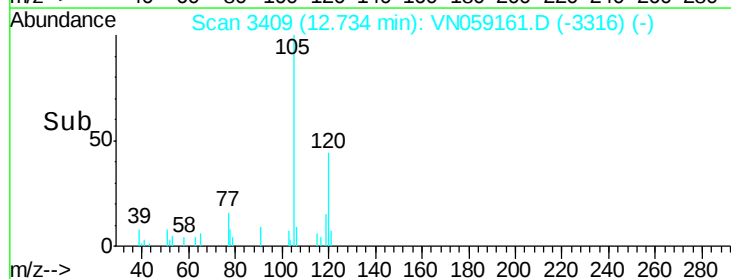
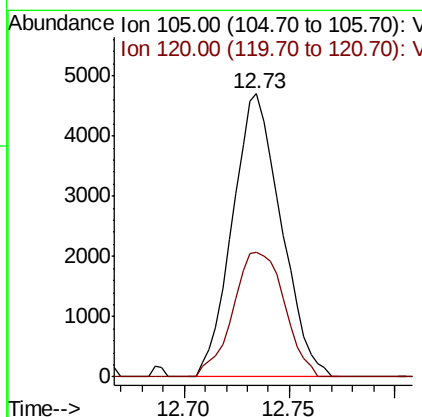
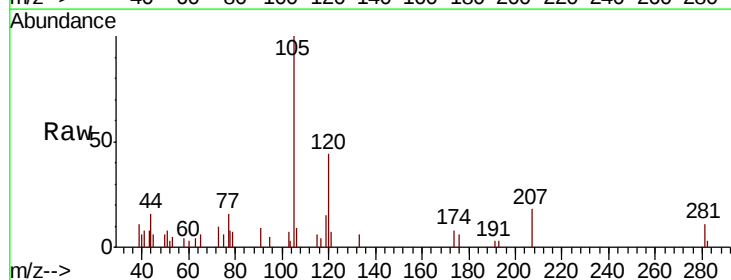
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124650TB

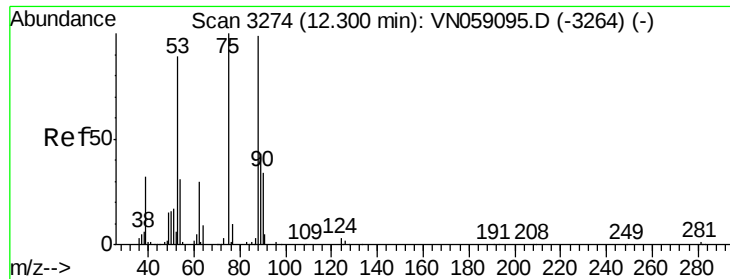
Tot Ion: 75 Resp: 127457
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.640 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059161.D
 Acq: 11 Nov 2019 15:16

Tgt Ion: 105 Resp: 7521
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 77.611 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

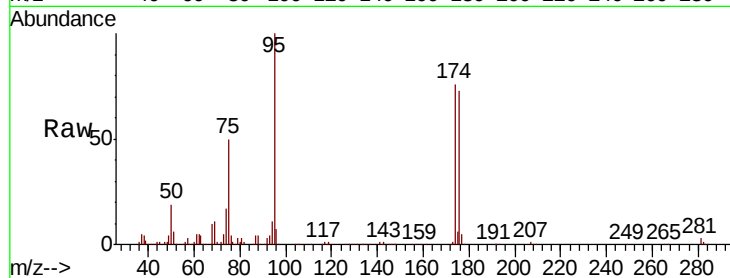
Tot Ion: 75 Resp: 127457

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

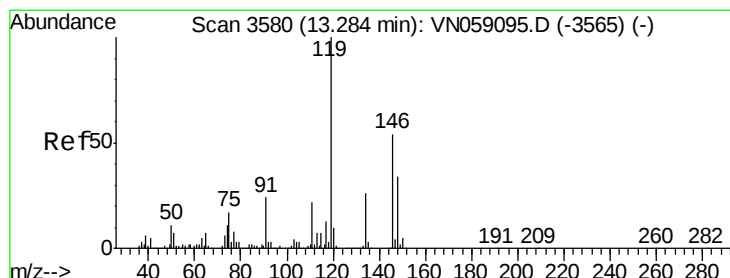
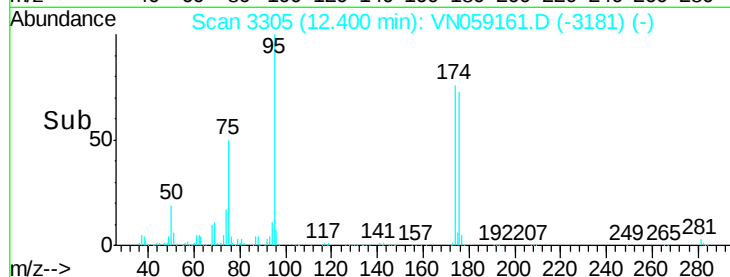
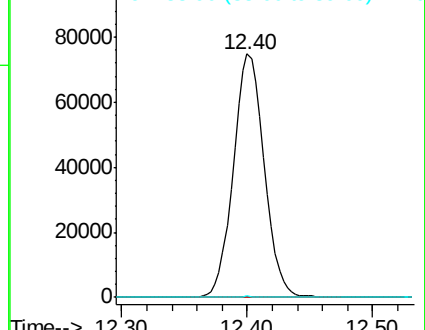
89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059161.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN059161.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN059161.D (-3181) (-)



#87

1,3-Dichlorobenzene

Concen: 0.224 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

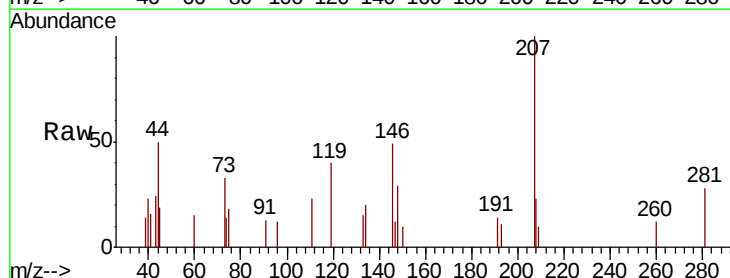
Tgt Ion: 146 Resp: 1336

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.3

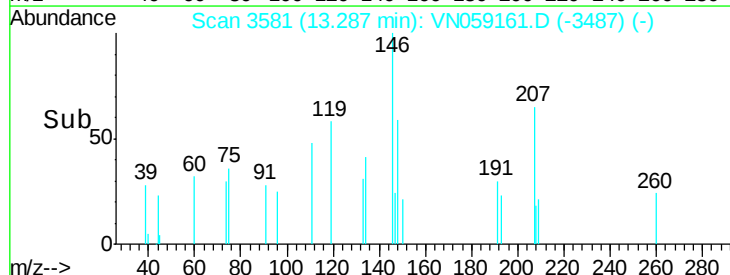
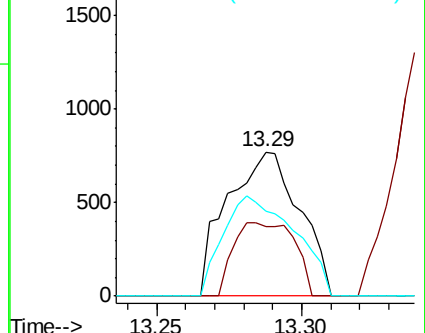
148 68.7 32.2 96.6

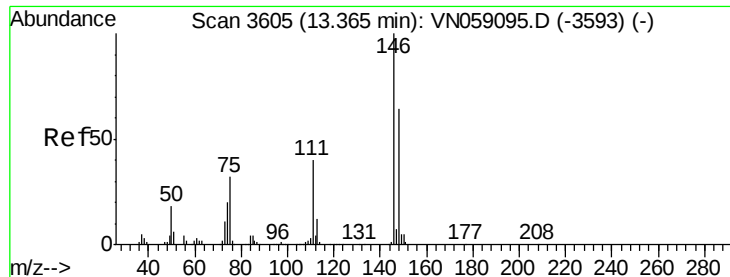


Abundance Ion 145.90 (145.60 to 146.60): VN059161.D (-3487) (-)

Ion 110.90 (110.60 to 111.60): VN059161.D (-3487) (-)

Ion 147.90 (147.60 to 148.60): VN059161.D (-3487) (-)

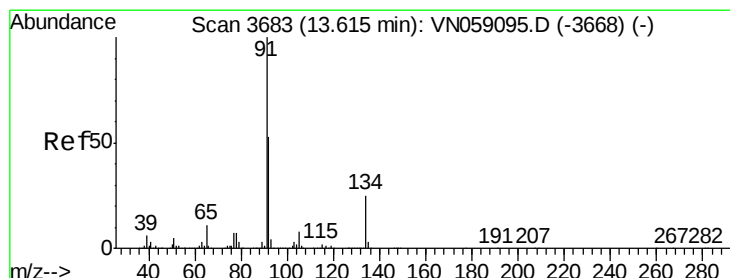
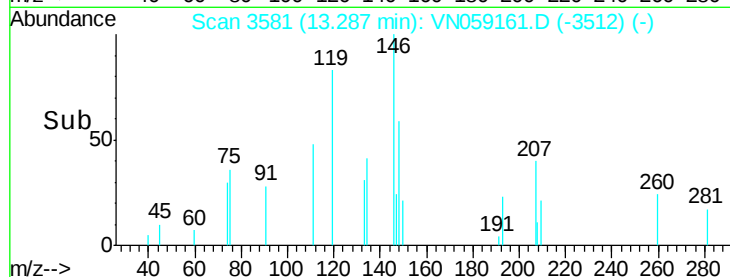
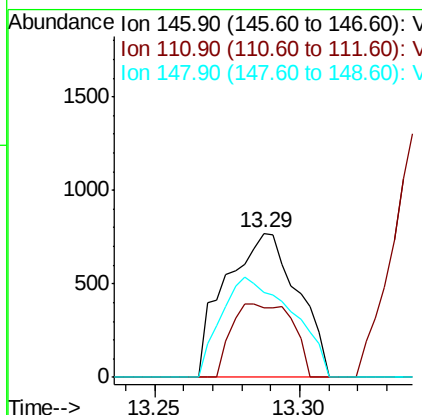
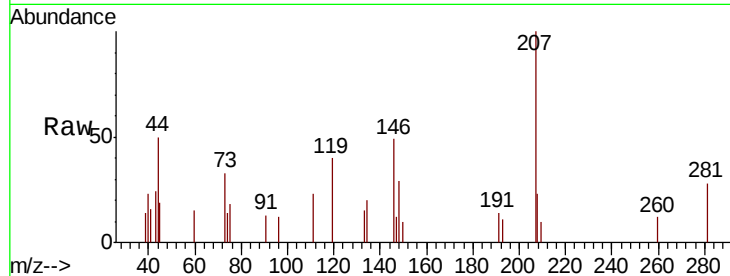




#88
 1,4-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN059161.D
 Acq: 11 Nov 2019 15:16

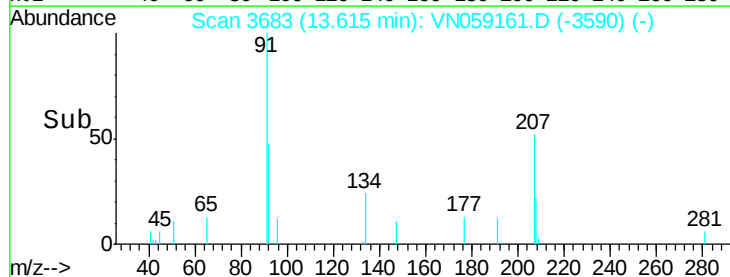
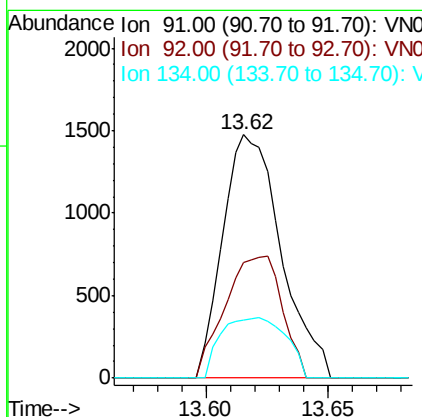
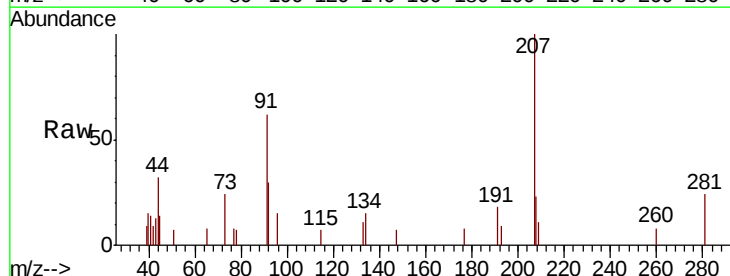
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124650TB

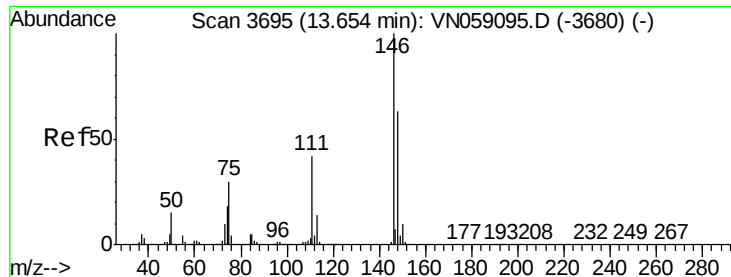
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.3	60.9
148	68.7	31.9	95.7



#89
 n-Butylbenzene
 Concen: 0.241 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN059161.D
 Acq: 11 Nov 2019 15:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.1	78.3
134	27.7	12.6	37.8





#91

1,2-Dichlorobenzene

Concen: 0.243 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

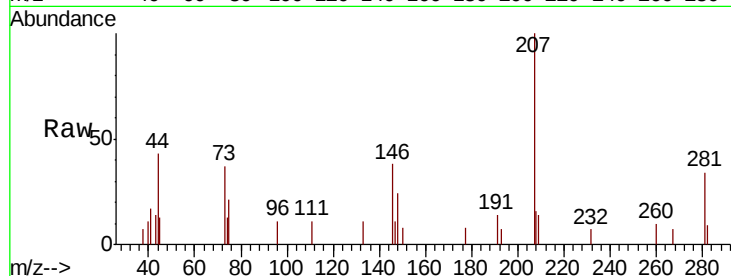
Tot Ion:146 Resp: 1423

Ion Ratio Lower Upper

146 100

111 40.3 21.2 63.6

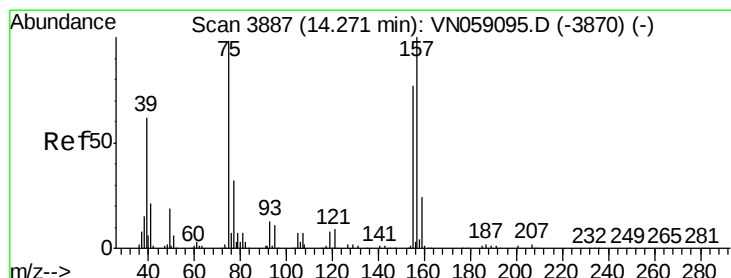
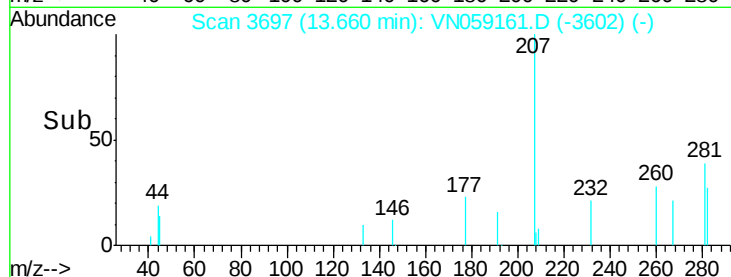
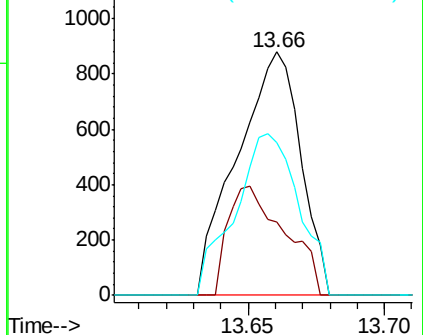
148 66.7 31.6 94.7



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: 0.710 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

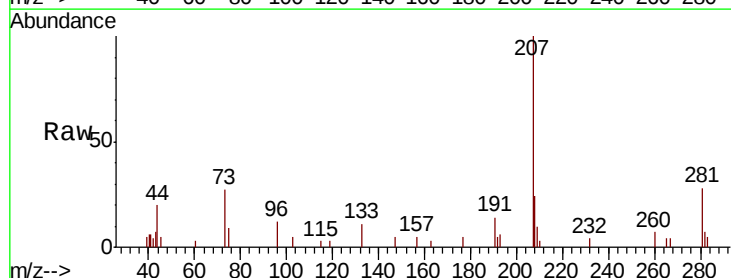
Tgt Ion: 75 Resp: 644

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

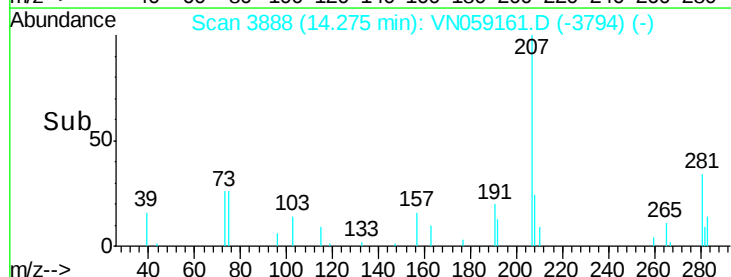
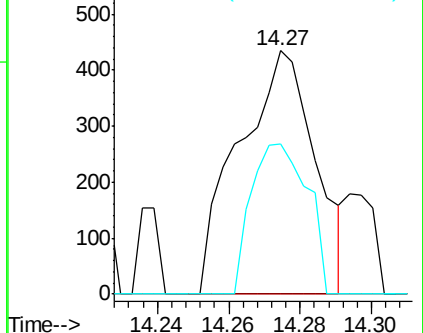
157 45.3 51.8 155.5#

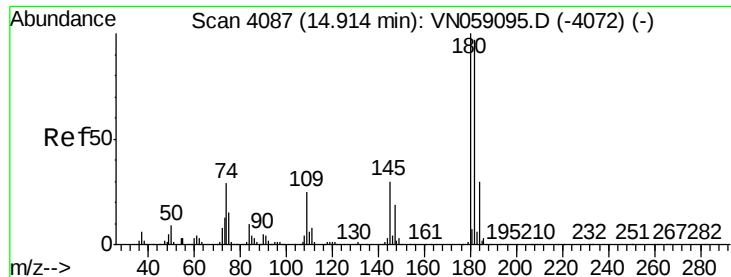


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.784 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

PB124650TB

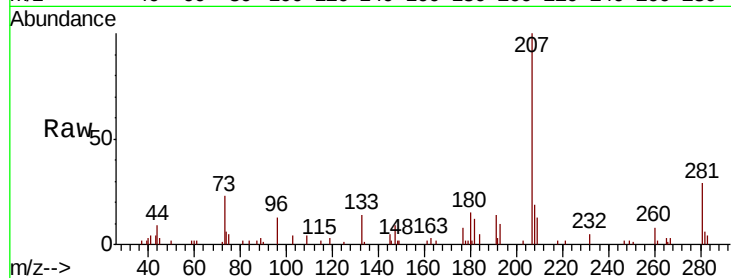
Tot Ion:180 Resp: 2794

Ion Ratio Lower Upper

180 100

182 85.0 48.1 144.3

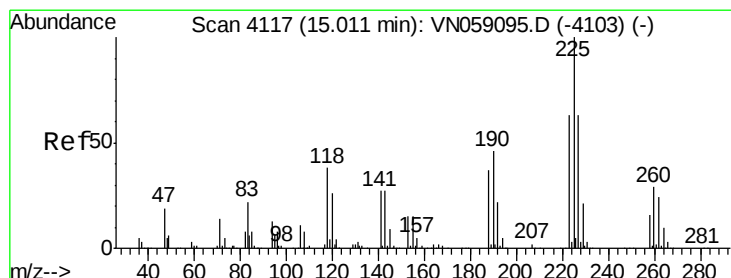
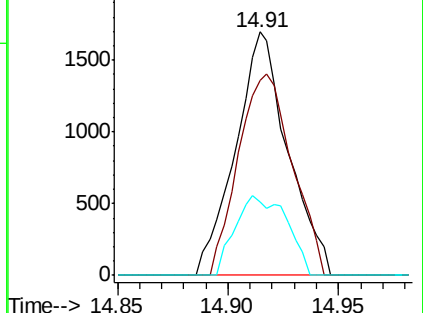
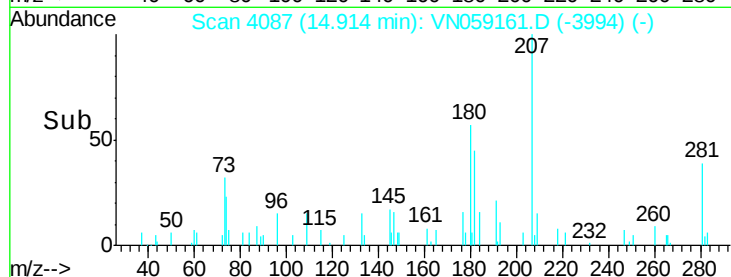
145 32.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.250 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

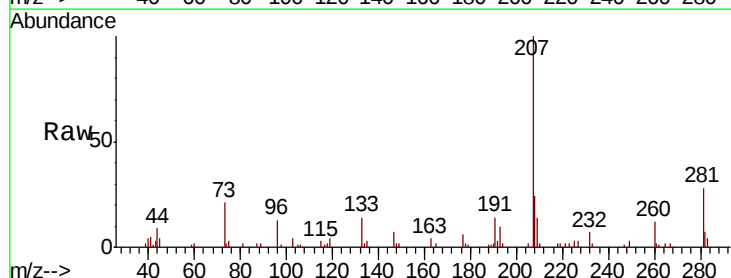
Tgt Ion:225 Resp: 505

Ion Ratio Lower Upper

225 100

223 76.0 31.3 93.9

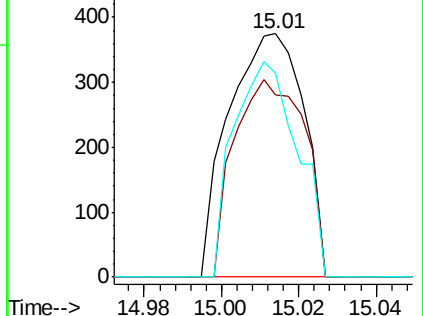
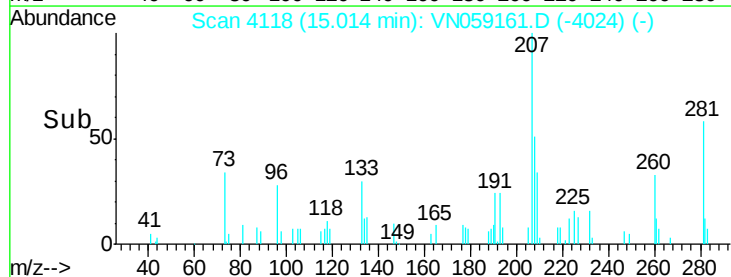
227 75.2 31.5 94.5

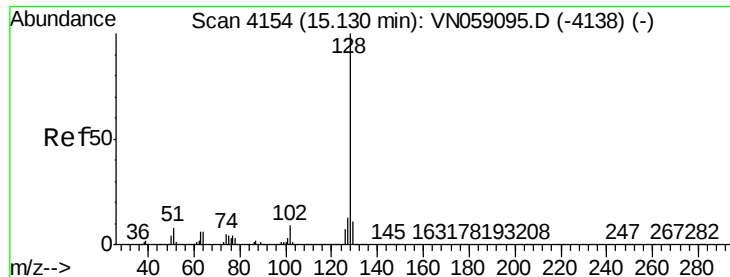


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.167 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB124650TB

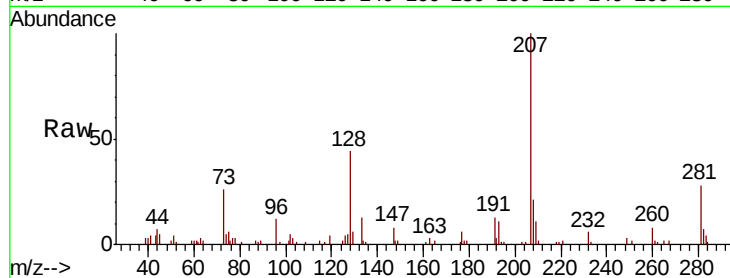
Tot Ion:128 Resp: 11793

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

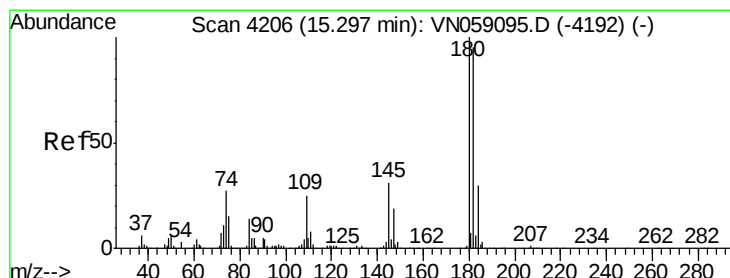
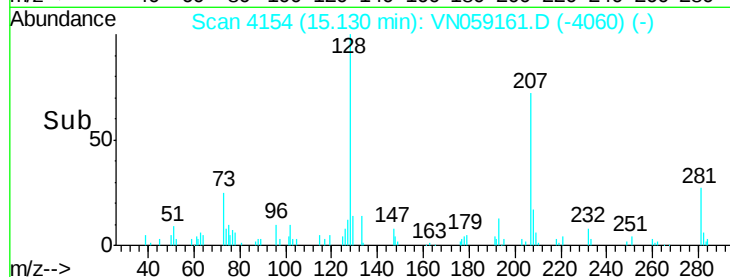
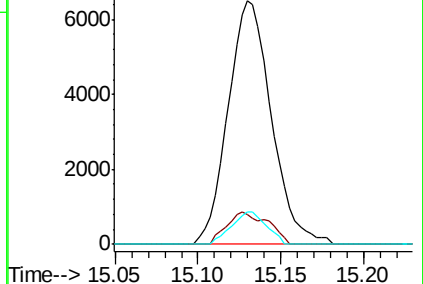
129 10.7 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.021 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059161.D

Acq: 11 Nov 2019 15:16

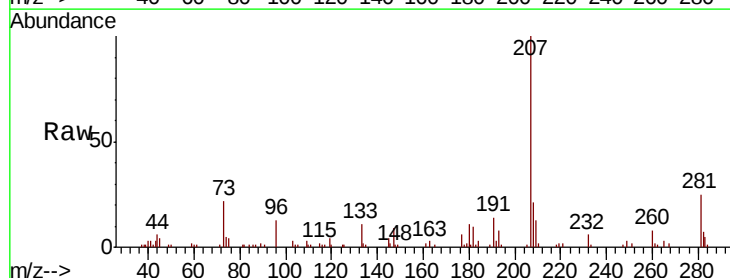
Tgt Ion:180 Resp: 3355

Ion Ratio Lower Upper

180 100

182 100.5 47.3 141.8

145 37.8 15.8 47.3



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

