

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059141.D
 Acq On : 8 Nov 2019 18:05
 Operator : JC/SP
 Sample : K5742-07
 Misc : 9.20g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-35-(6-8)

Quant Time: Nov 11 00:58:48 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	481453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	739222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	651702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	280127	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	7.56	113	215677	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	917362	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	347134	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.71	59	12248	10.859	ug/l #	72
16) Acetone	3.81	43	3712	1.206	ug/l #	86
18) Methyl Acetate	4.30	43	4403	0.603	ug/l	93
20) Methylene Chloride	4.51	84	1741	0.325	ug/l #	86
29) Tetrahydrofuran	7.18	42	572	0.222	ug/l #	58
31) Cyclohexane	7.63	56	13917	1.510	ug/l #	2
36) 1,1-Dichloropropene	7.64	75	36111	5.226	ug/l #	50
38) Carbon Tetrachloride	7.64	117	46219	6.721	ug/l #	16
39) Methylcyclohexane	9.06	83	53960	6.729	ug/l	95
48) Methyl methacrylate	9.12	41	5776	1.054	ug/l #	43
51) 4-Methyl-2-Pentanone	10.07	43	16970	2.447	ug/l	88
55) 1,1,2-Trichloroethane	10.52	97	77591	15.373	ug/l #	19
56) Ethyl methacrylate	10.42	69	30212	5.328	ug/l #	4
59) 2-Hexanone	10.71	43	70701	13.284	ug/l #	29
65) Chlorobenzene	11.54	112	4714	0.371	ug/l #	60
67) Ethyl Benzene	11.51	91	9083	0.403	ug/l	100
68) m/p-Xylenes	11.62	106	11428	1.354	ug/l #	73
69) o-Xylene	11.95	106	2326	0.285	ug/l	65
73) Isopropylbenzene	12.25	105	9329	0.399	ug/l	98
74) N-amyl acetate	12.04	43	144780	14.631	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.46	83	9967	1.253	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	160279	21.929	ug/l #	100
77) Bromobenzene	12.62	156	24596	4.192	ug/l #	1
78) n-propylbenzene	12.59	91	20142	0.753	ug/l	96
79) 2-Chlorotoluene	12.72	91	12427	0.749	ug/l	71
80) 1,3,5-Trimethylbenzene	12.73	105	59393	3.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	160279	57.919	ug/l #	17
82) 4-Chlorotoluene	13.04	91	50654	3.045	ug/l	80
83) tert-Butylbenzene	12.99	119	25447	1.489	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	578211	30.202	ug/l	99
85) sec-Butylbenzene	13.17	105	167061	7.517	ug/l #	56
86) p-Isopropyltoluene	13.44	119	106474	5.426	ug/l	92
89) n-Butylbenzene	13.62	91	130810	7.616	ug/l #	69
90) Hexachloroethane	13.89	117	169631	43.048	ug/l #	8

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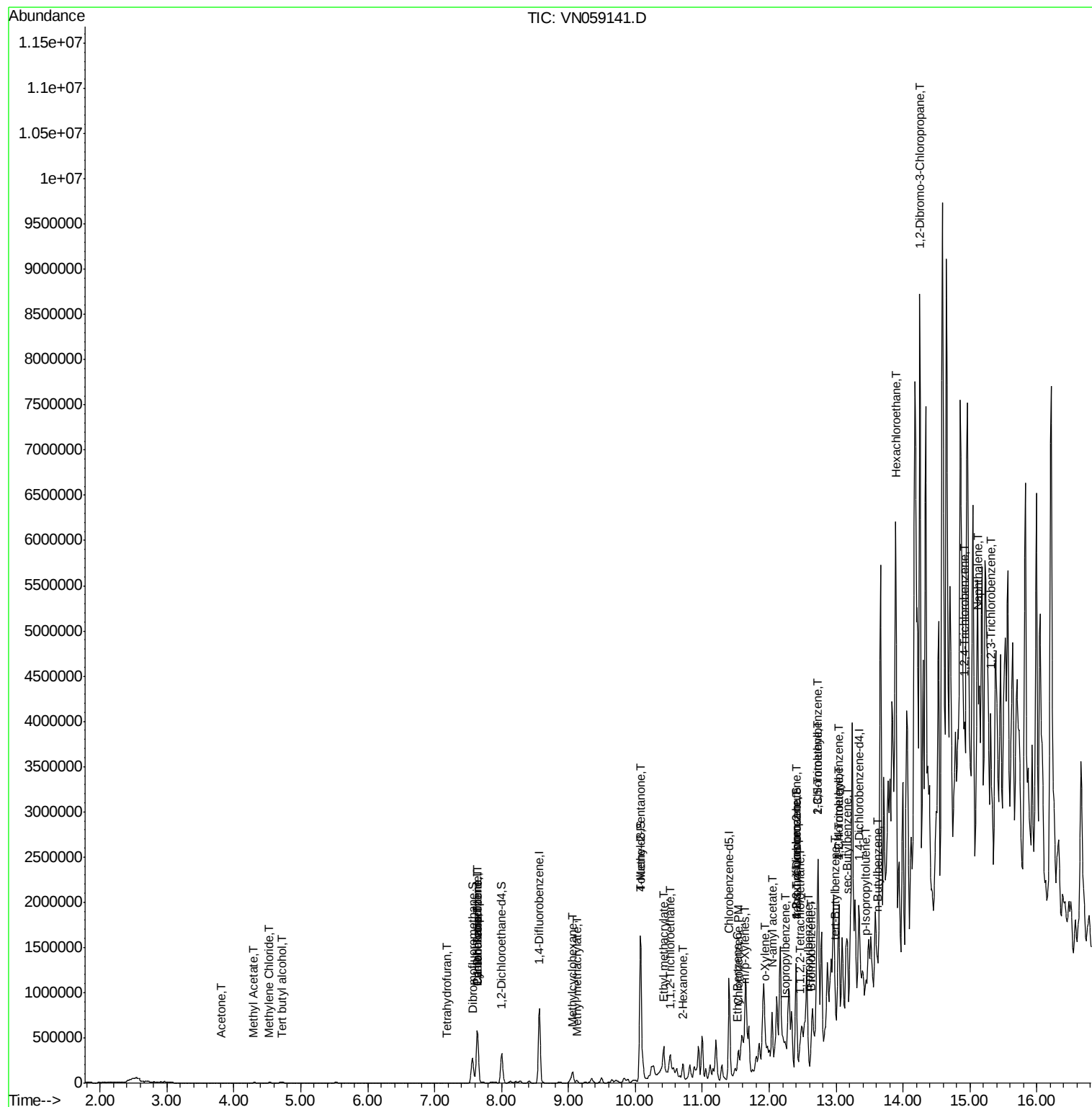
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.25	75	26679	16.832	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	1402	3.266	ug/l #	1
95) Naphthalene	15.13	128	129619	10.362	ug/l #	64
96) 1,2,3-Trichlorobenzene	15.31	180	7675	1.386	ug/l #	13

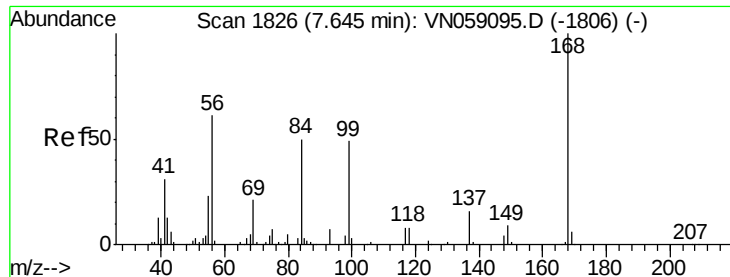
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

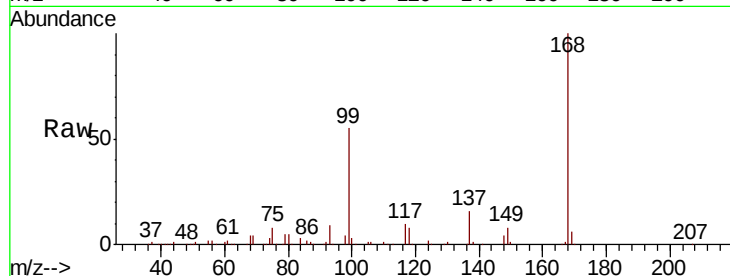
SB-35-(6-8)

Tot Ion:168 Resp: 481453

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

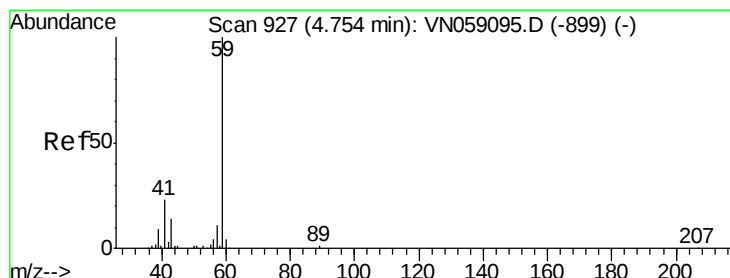
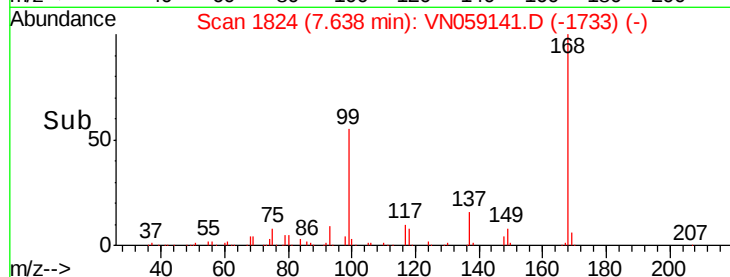
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.859 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.04 min

Lab File: VN059141.D

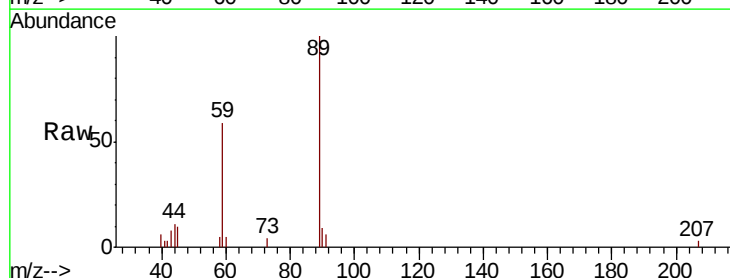
Acq: 8 Nov 2019 18:05

Tgt Ion: 59 Resp: 12248

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.71

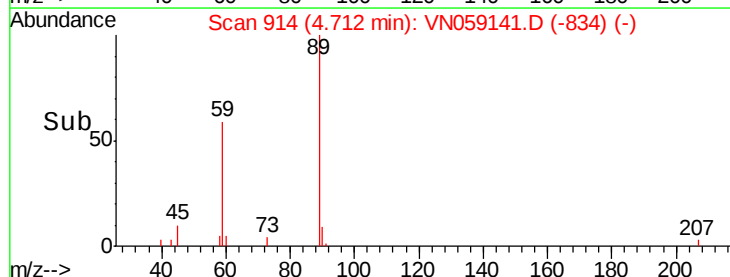
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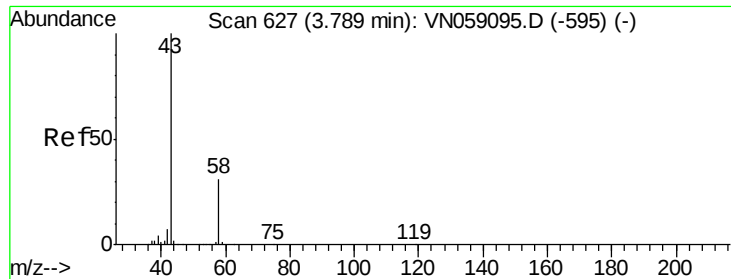
2000

1000

0

Time-->





#16

Acetone

Concen: 1.206 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

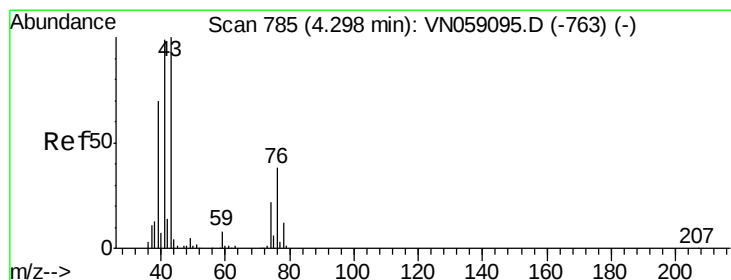
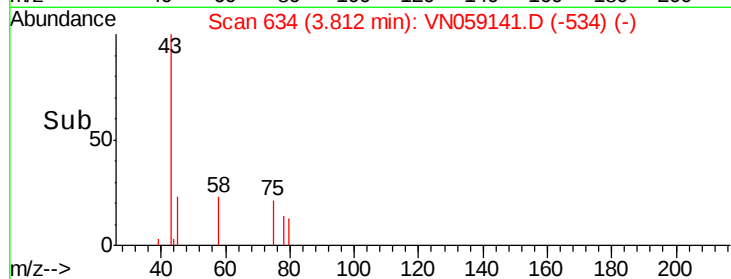
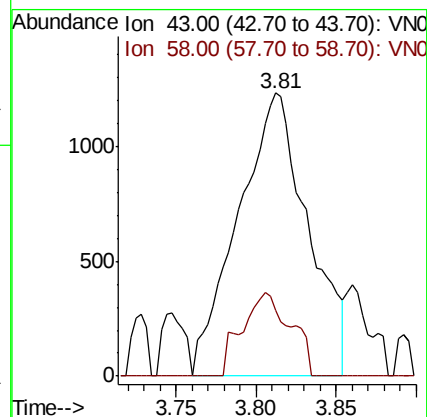
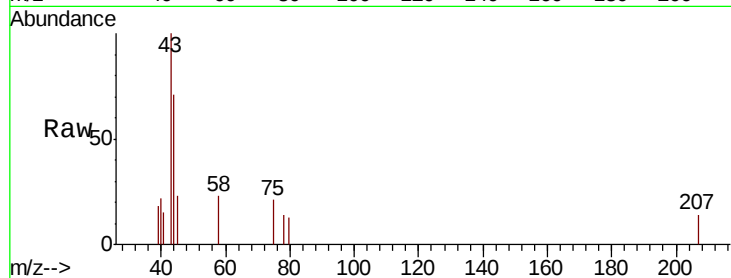
SB-35-(6-8)

Tot Ion: 43 Resp: 3712

Ion Ratio Lower Upper

43 100

58 23.3 24.9 37.3#



#18

Methyl Acetate

Concen: 0.603 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059141.D

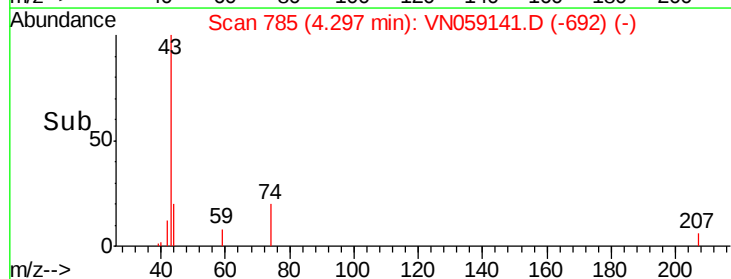
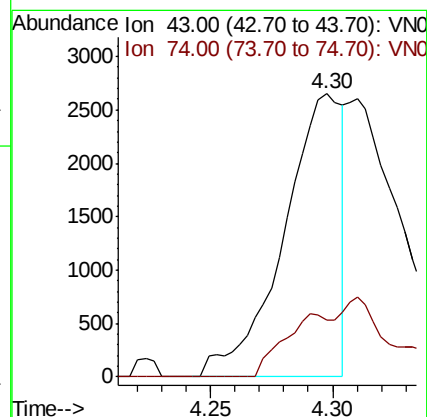
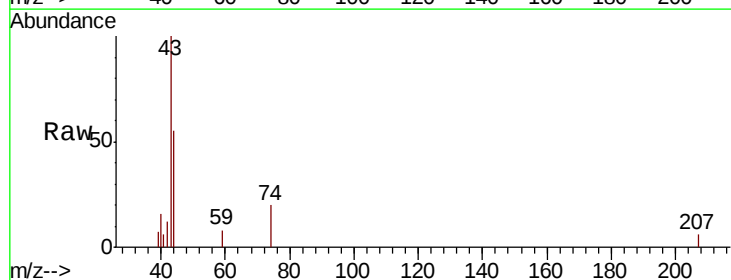
Acq: 8 Nov 2019 18:05

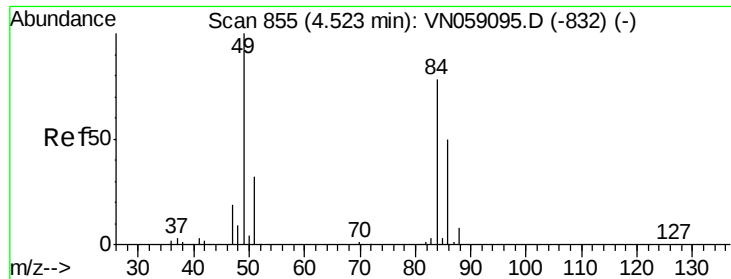
Tgt Ion: 43 Resp: 4403

Ion Ratio Lower Upper

43 100

74 18.8 17.8 26.8

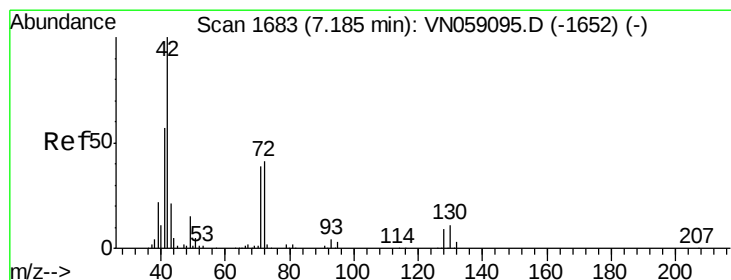
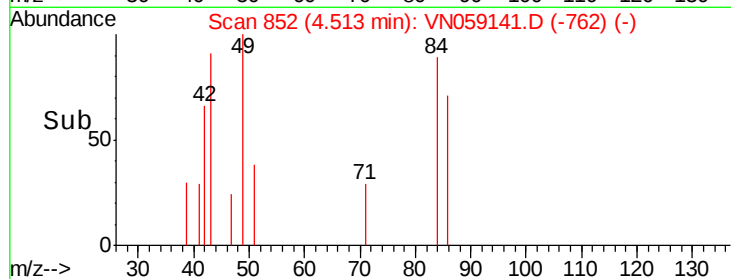
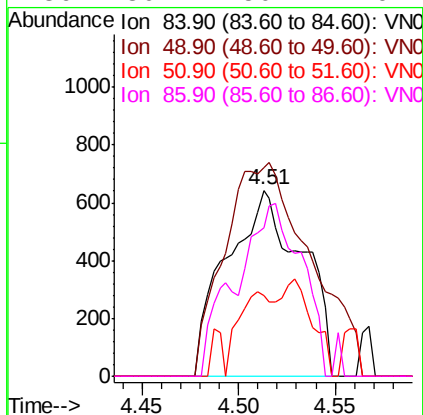
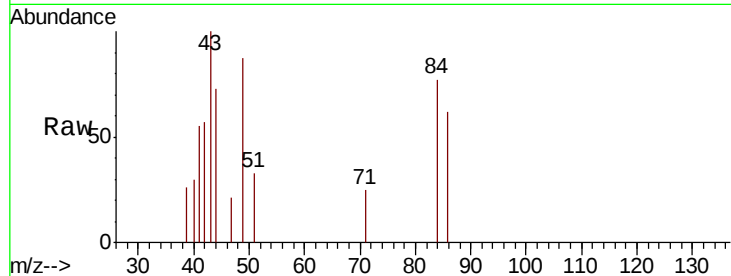




#20
Methvlene Chloride
Concen: 0.325 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

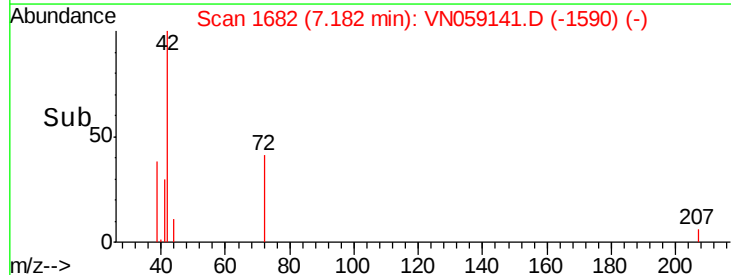
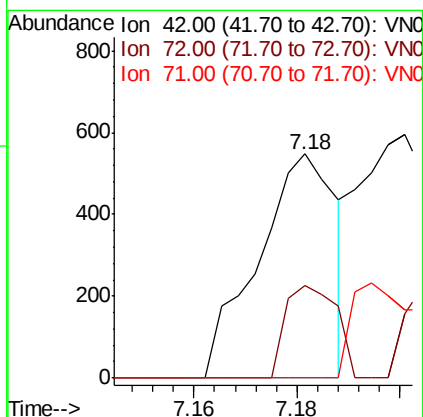
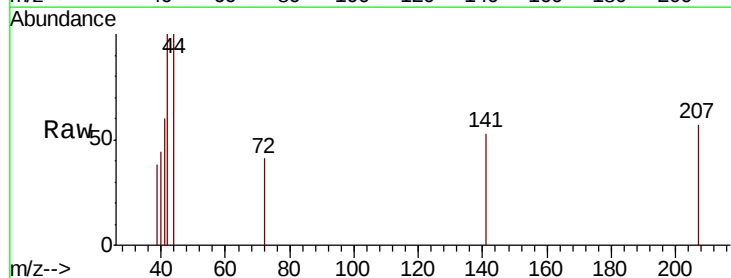
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

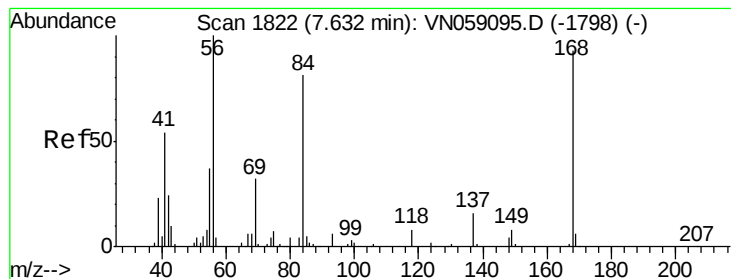
Tot Ion: 84 Resp: 1741
Ion Ratio Lower Upper
84 100
49 112.4 102.0 153.0
51 43.1 32.2 48.2
86 80.1 50.7 76.1#



#29
Tetrahydrofuran
Concen: 0.222 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 42 Resp: 572
Ion Ratio Lower Upper
42 100
72 27.1 33.1 49.7#
71 0.0 30.9 46.3#





#31

Cyclohexane

Concen: 1.510 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

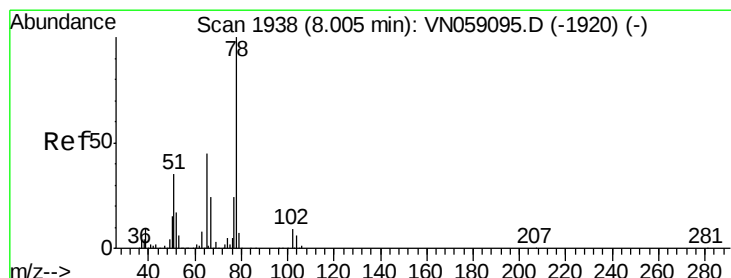
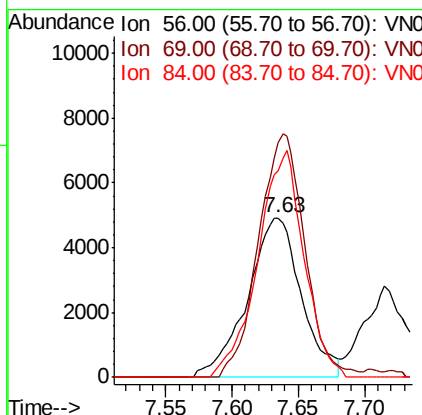
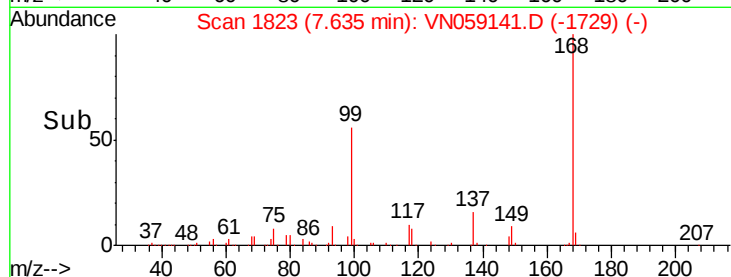
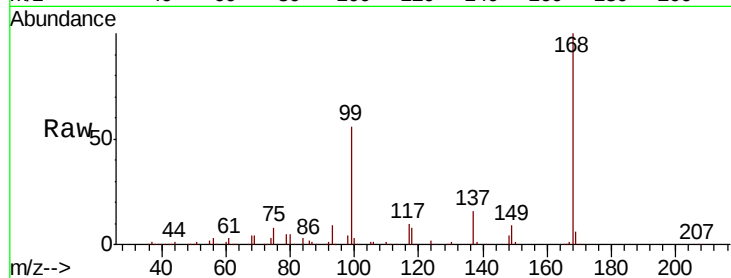
Tot Ion: 56 Resp: 13917

Ion Ratio Lower Upper

56 100

69 147.3 25.8 38.8#

84 129.8 65.0 97.4#



#33

1,2-Dichloroethane-d4

Concen: 47.332 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059141.D

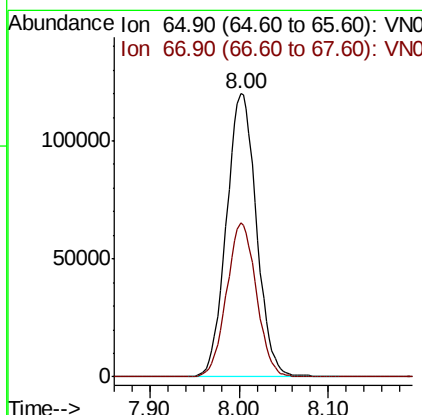
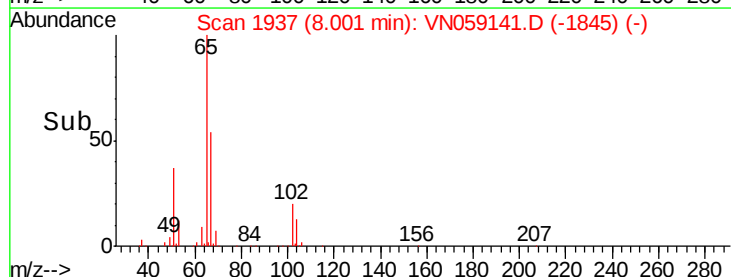
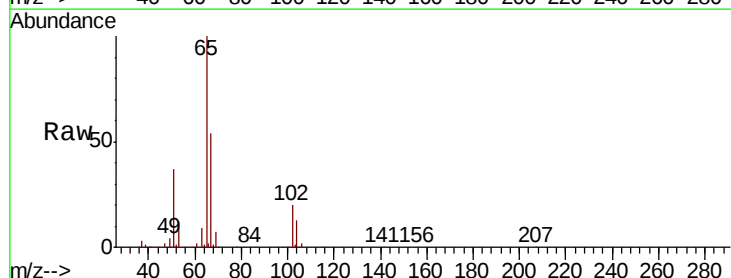
Acq: 8 Nov 2019 18:05

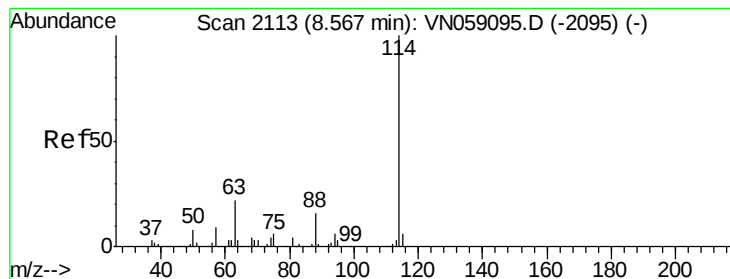
Tgt Ion: 65 Resp: 280127

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

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MSVOA_N

ClientSampleId :

SB-35-(6-8)

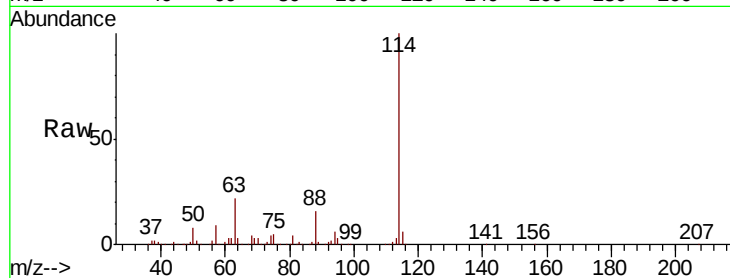
Tot Ion:114 Resp: 739222

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

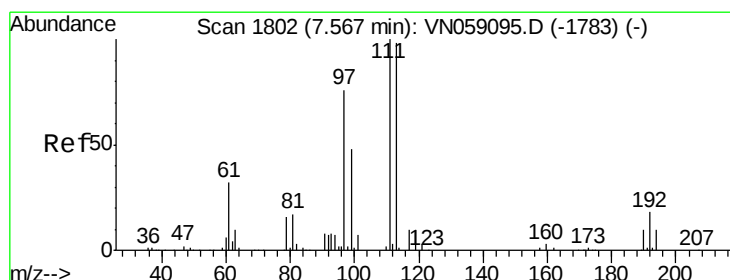
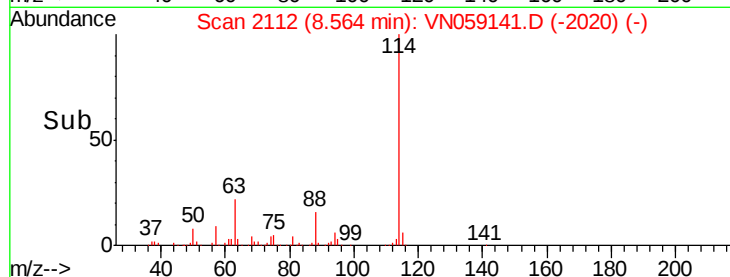
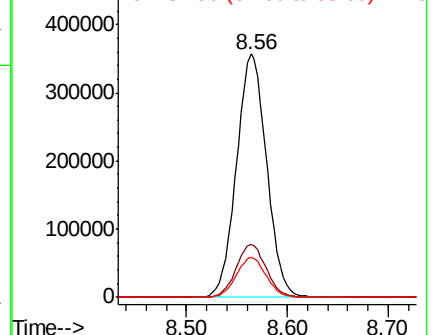
88 16.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.863 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

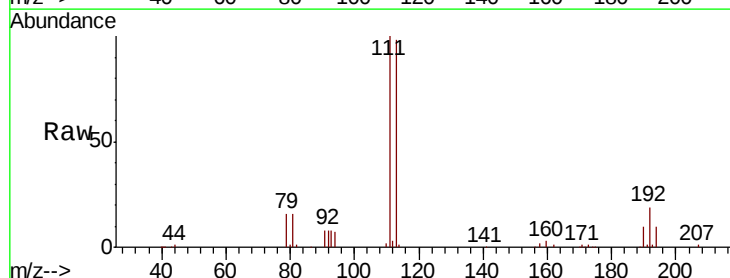
Tgt Ion:113 Resp: 215677

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

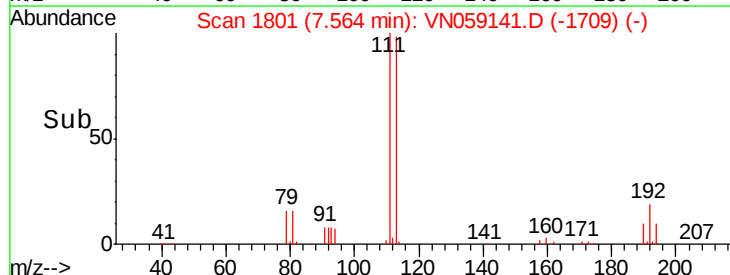
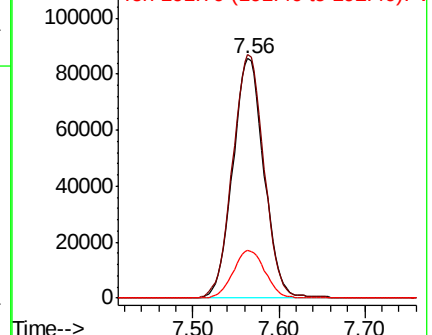
192 20.3 16.1 24.1

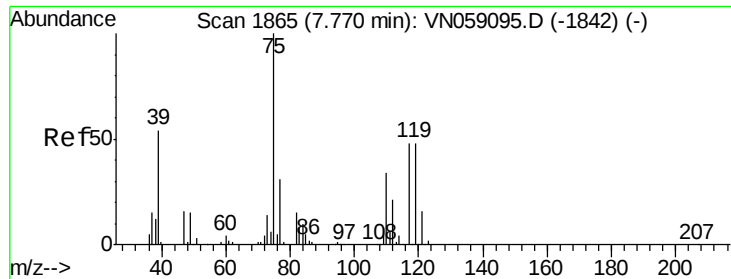


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

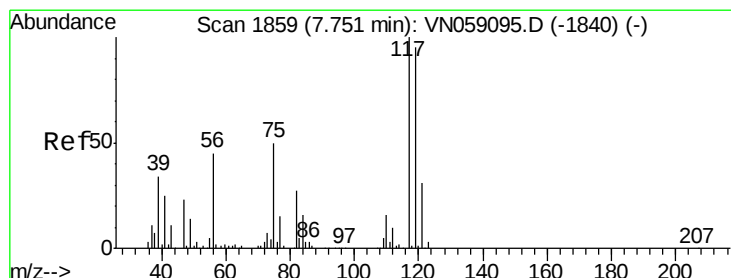
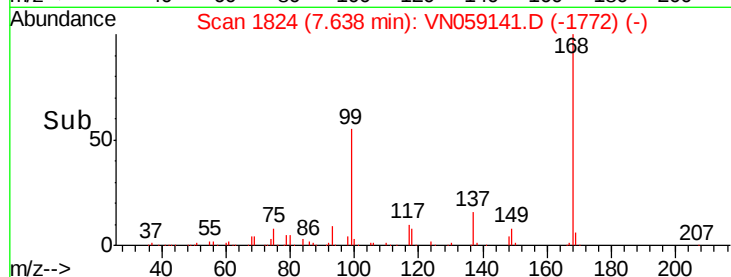
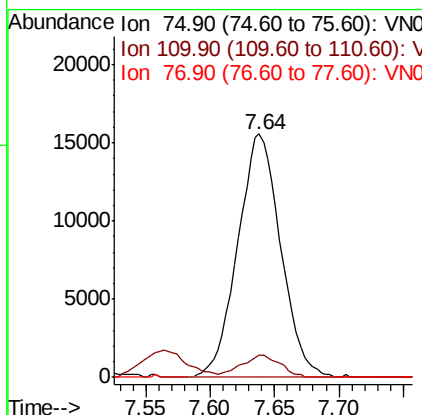
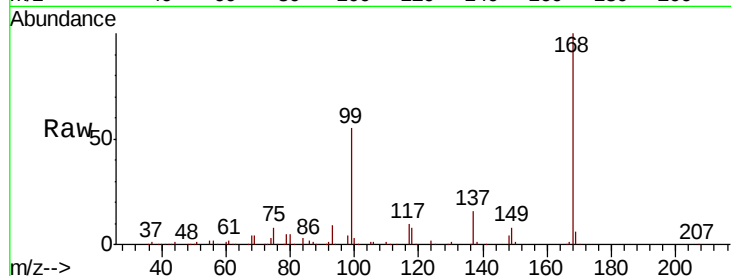




#36
 1,1-Dichloropropene
 Concen: 5.226 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059141.D
 Acq: 8 Nov 2019 18:05

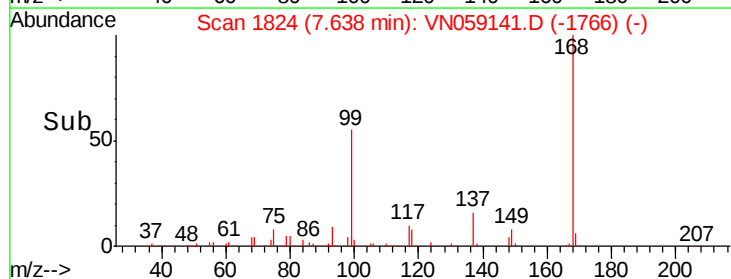
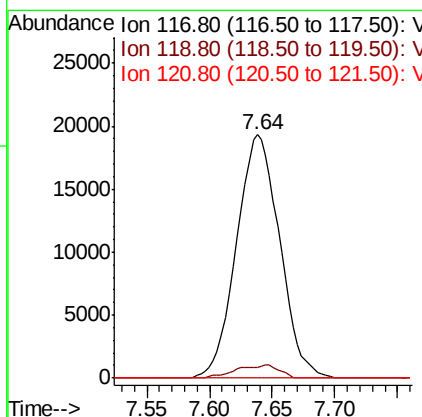
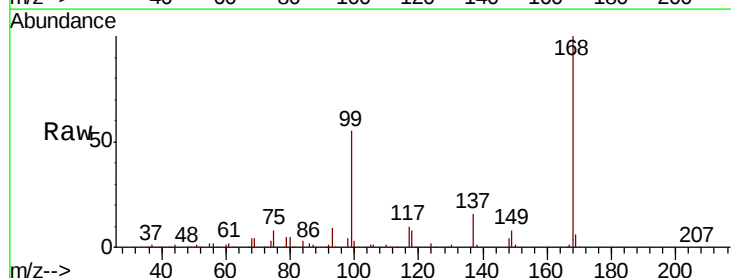
Instrument :
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 SB-35-(6-8)

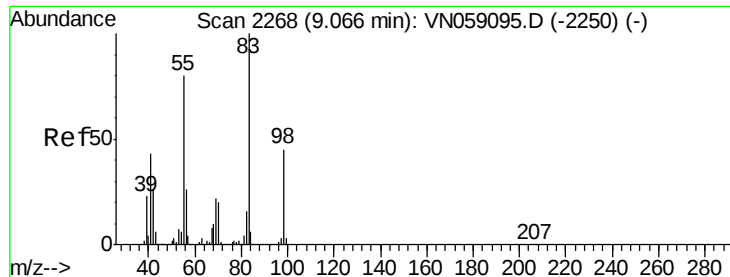
Tot Ion	75	Resp	36111
Ion Ratio	Lower	Upper	
75	100		
110	8.3	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.721 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.11 min
 Lab File: VN059141.D
 Acq: 8 Nov 2019 18:05

Tgt Ion	117	Resp	46219
Ion Ratio	Lower	Upper	
117	100		
119	4.4	75.6	113.4#
121	0.0	24.6	36.8#

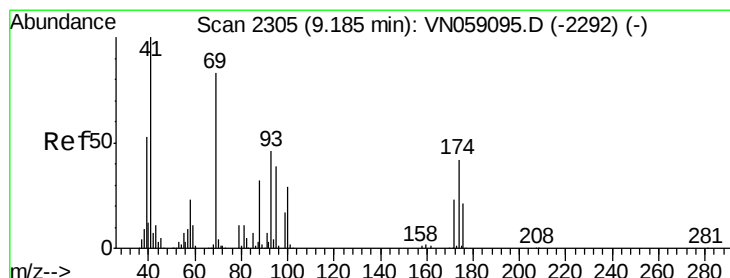
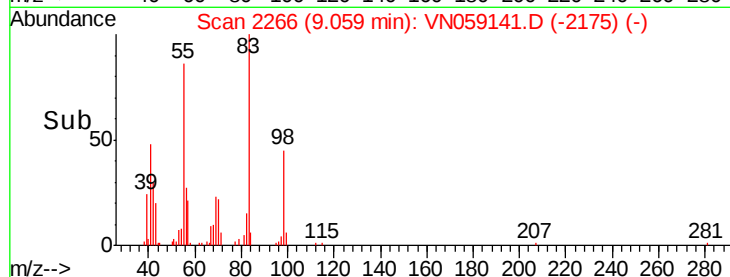
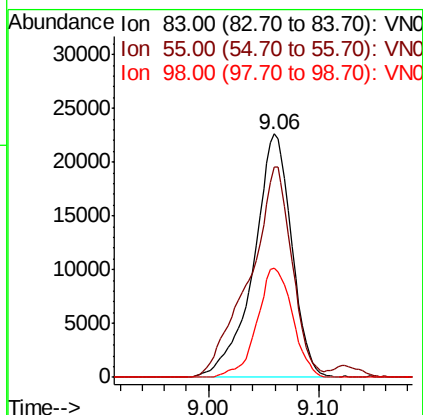
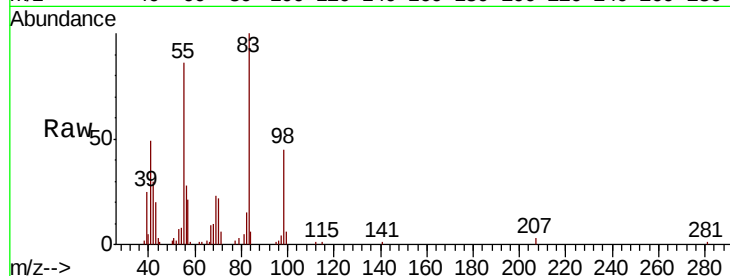




#39
Methylcyclohexane
Concen: 6.729 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

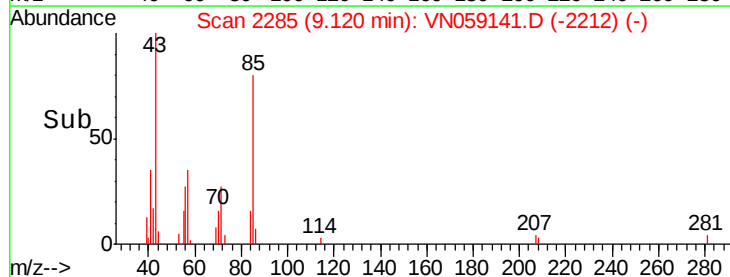
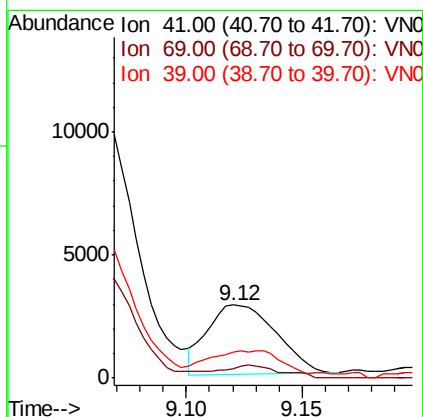
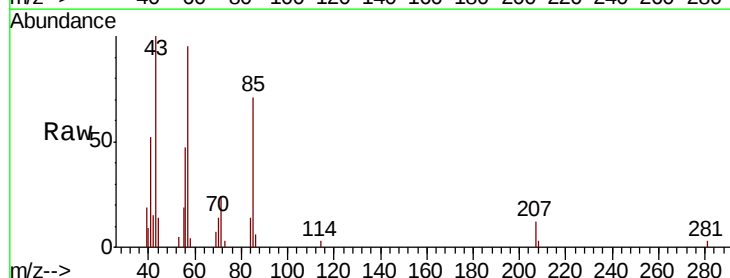
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

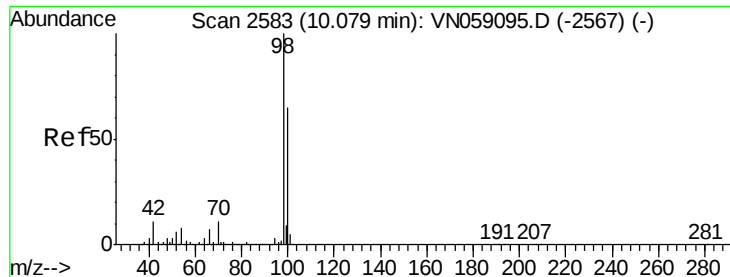
Tot Ion: 83 Resp: 53960
Ion Ratio Lower Upper
83 100
55 86.4 63.9 95.9
98 45.1 35.6 53.4



#48
Methyl methacrylate
Concen: 1.054 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.06 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 41 Resp: 5776
Ion Ratio Lower Upper
41 100
69 15.1 67.3 100.9#
39 34.4 43.3 64.9#





#50

Toluene-d8

Concen: 52.765 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

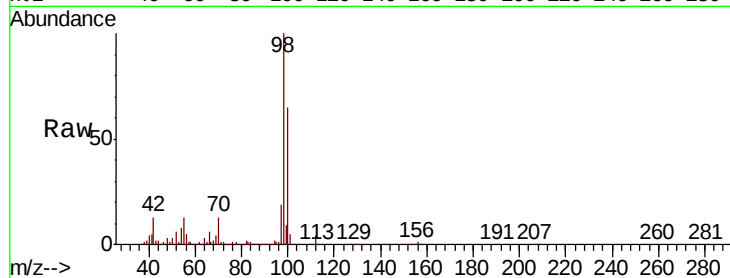
SB-35-(6-8)

Tot Ion: 98 Resp: 917362

Ion Ratio Lower Upper

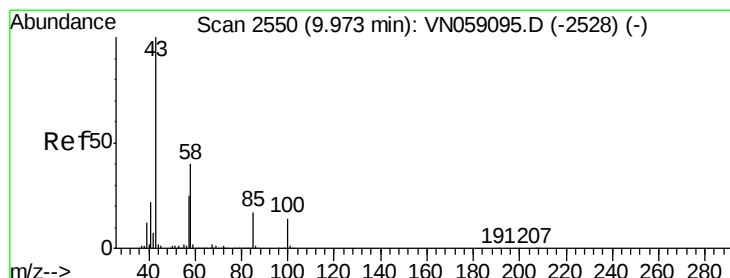
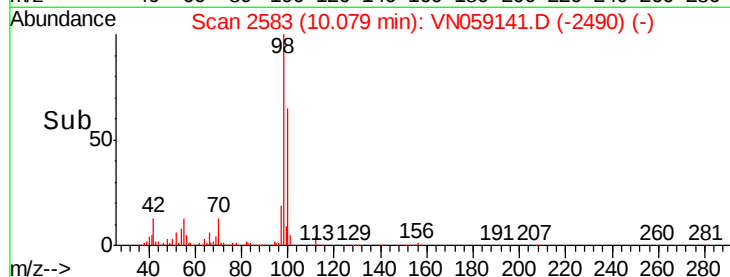
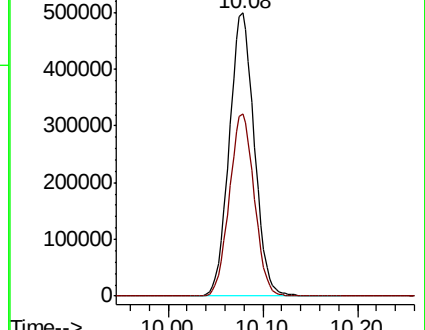
98 100

100 63.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 2.447 ug/l

RT: 10.07 min Scan# 2581

Delta R.T. 0.10 min

Lab File: VN059141.D

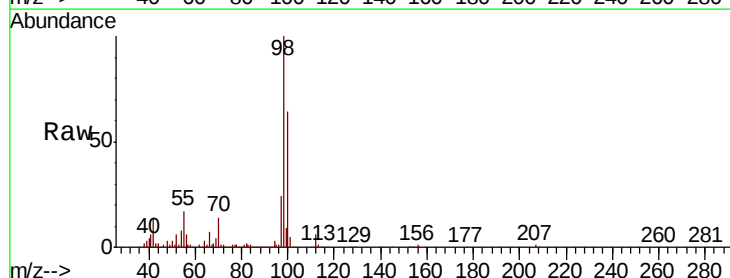
Acq: 8 Nov 2019 18:05

Tgt Ion: 43 Resp: 16970

Ion Ratio Lower Upper

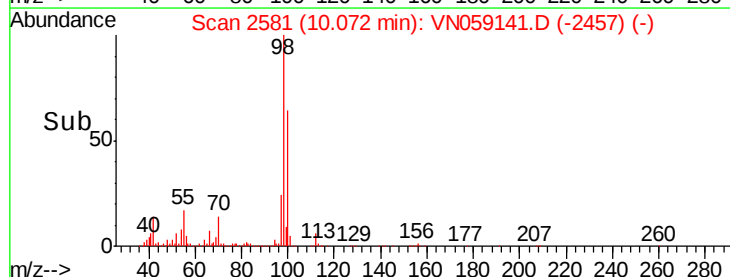
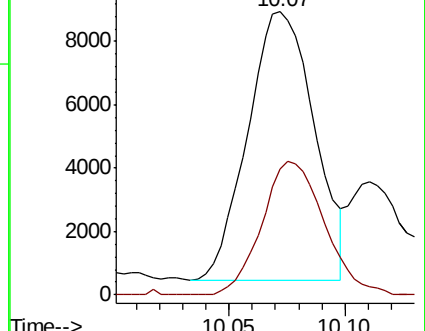
43 100

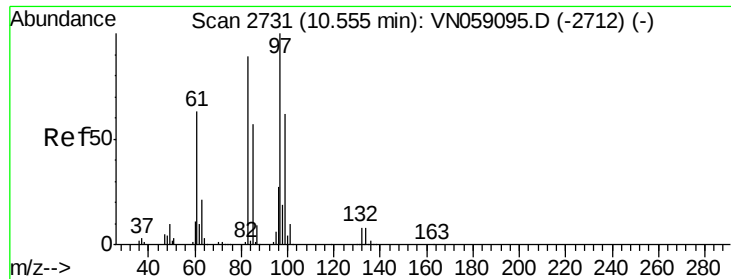
58 46.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#55

1,1,2-Trichloroethane

Concen: 15.373 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.03 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-35-(6-8)

Tot Ion: 97 Resp: 77591

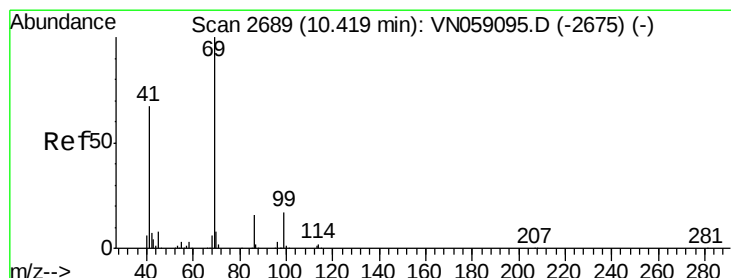
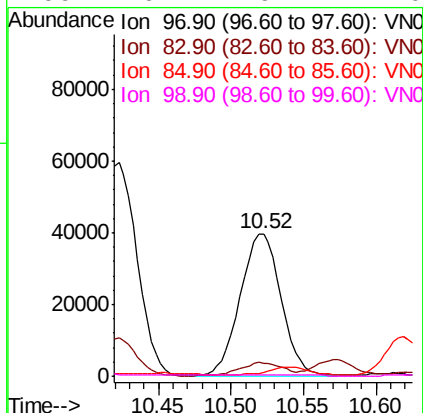
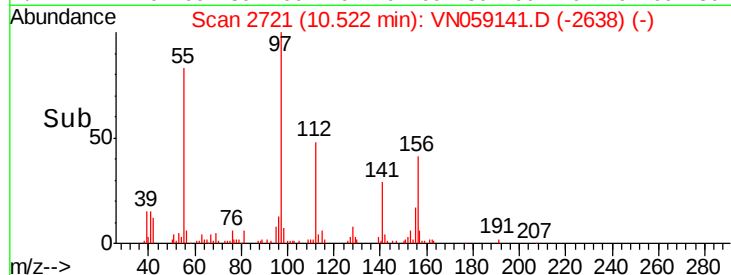
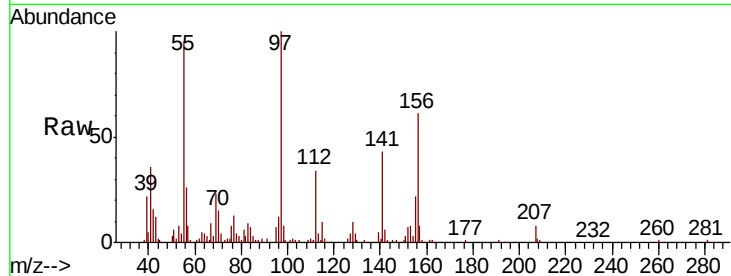
Ion Ratio Lower Upper

97 100

83 9.0 71.0 106.4#

85 1.7 45.8 68.8#

99 0.2 49.4 74.0#



#56

Ethyl methacrylate

Concen: 5.328 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

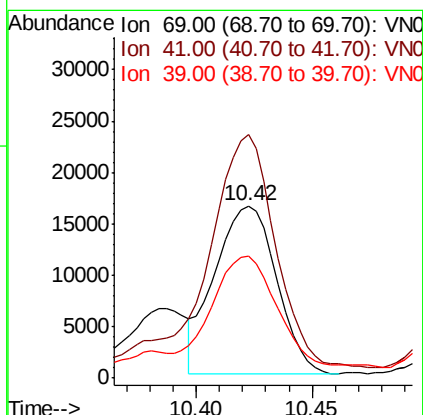
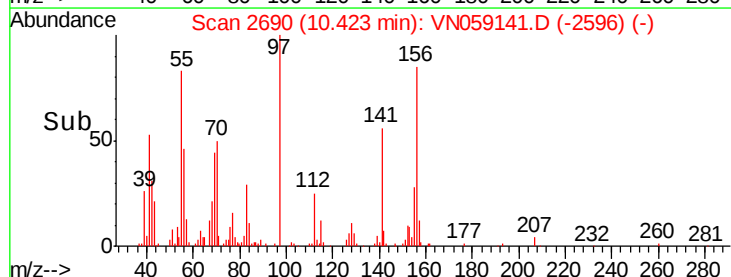
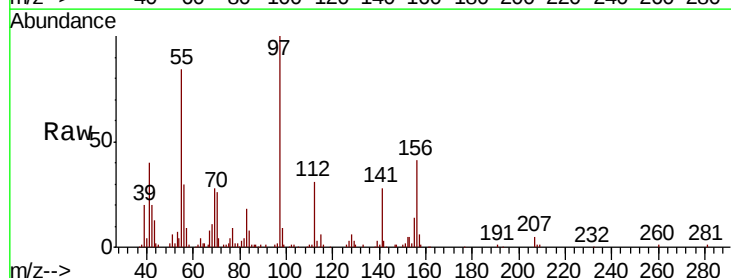
Tgt Ion: 69 Resp: 30212

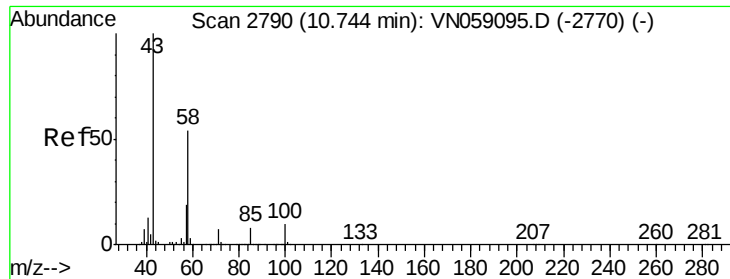
Ion Ratio Lower Upper

69 100

41 156.1 53.6 80.4#

39 69.5 26.2 39.4#

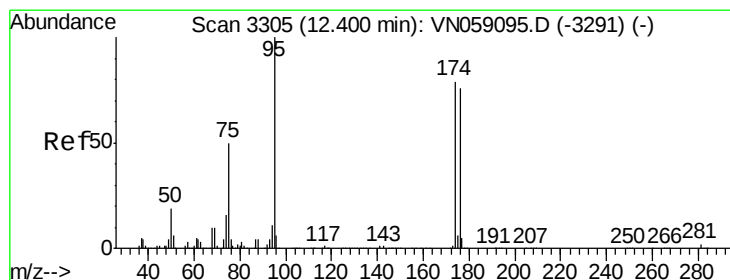
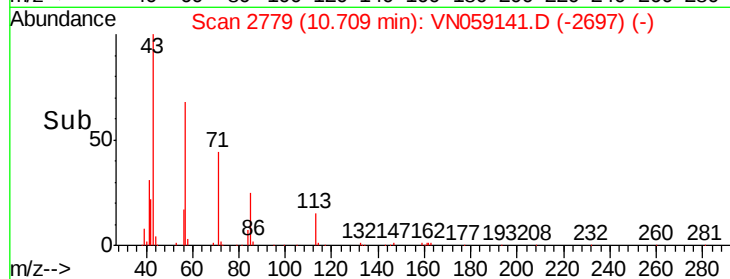
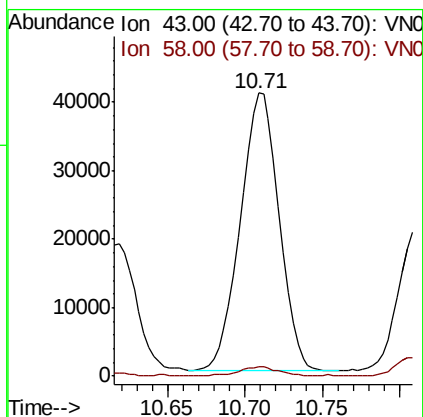
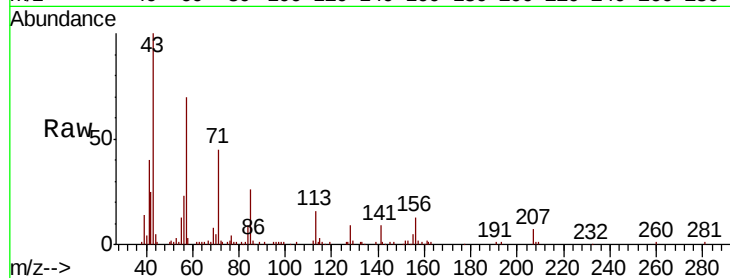




#59
2-Hexanone
Concen: 13.284 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.04 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

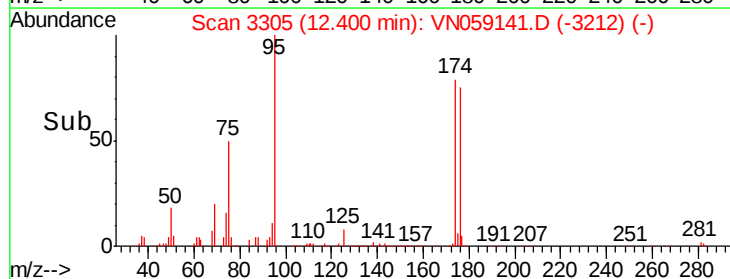
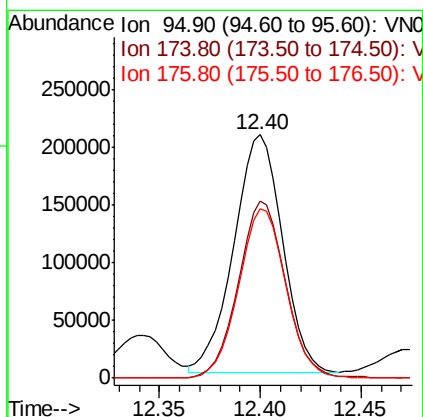
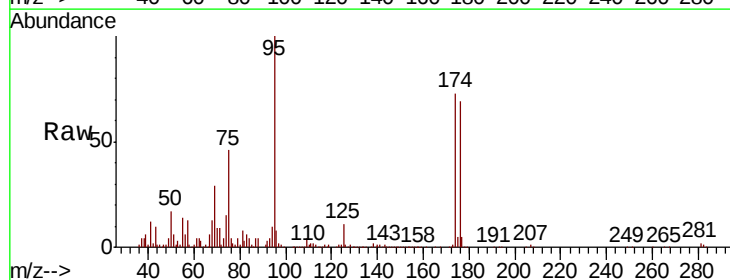
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

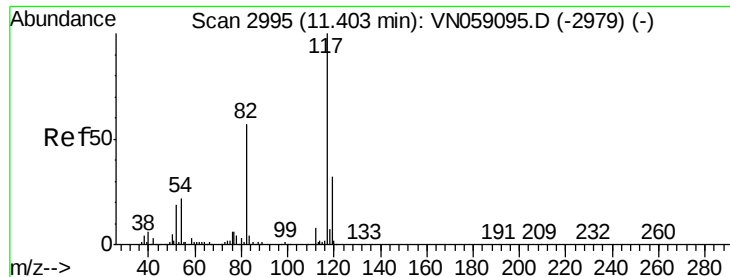
Tot Ion: 43 Resp: 70701
Ion Ratio Lower Upper
43 100
58 3.4 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 55.376 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 95 Resp: 347134
Ion Ratio Lower Upper
95 100
174 72.7 0.0 158.2
176 69.7 0.0 151.8

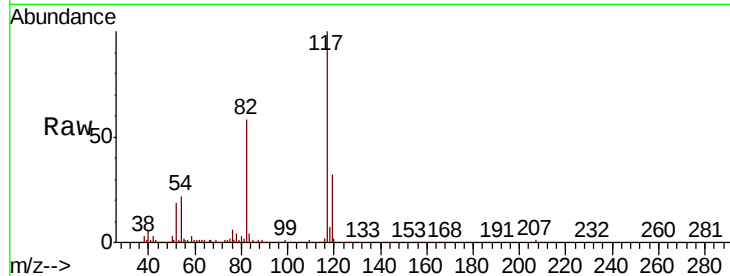




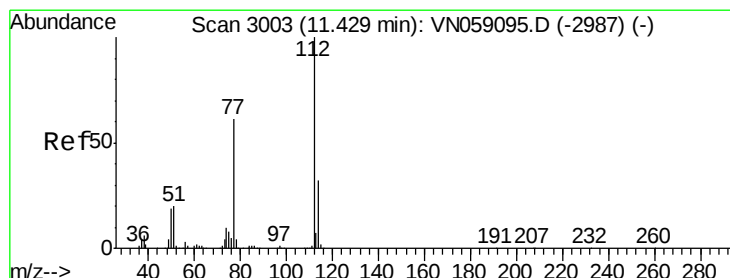
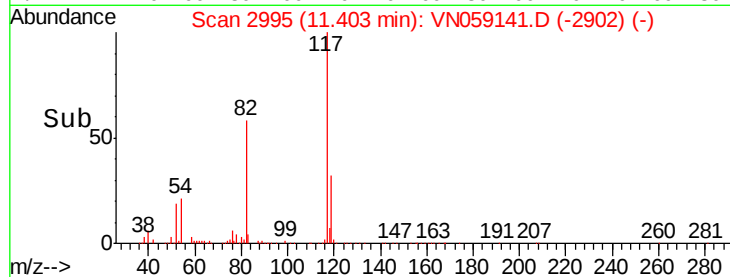
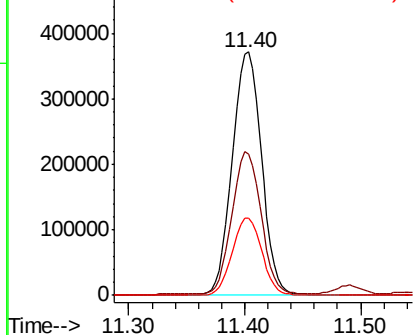
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

Tot Ion:117 Resp: 651702
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.8
119 31.7 25.8 38.6

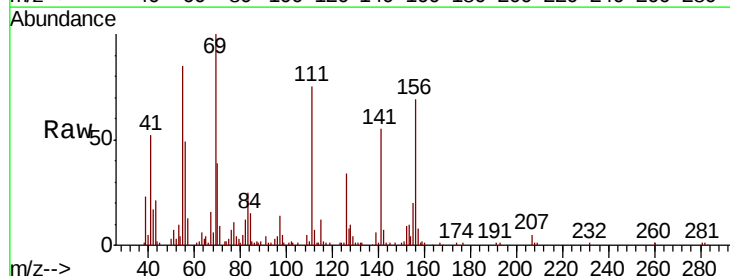


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

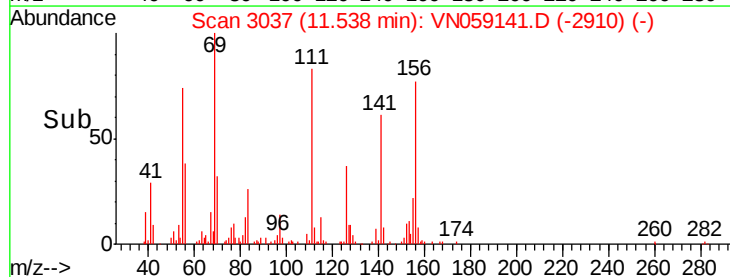
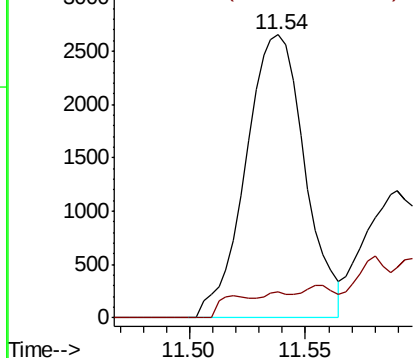


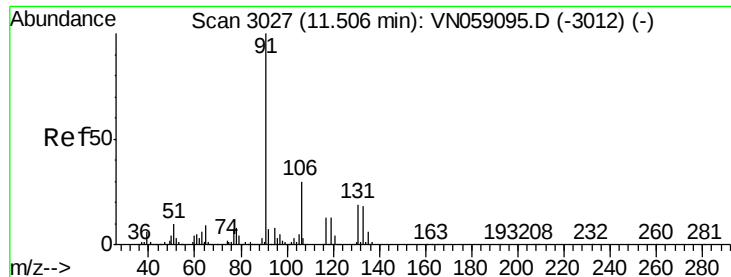
#65
Chlorobenzene
Concen: 0.371 ug/l
RT: 11.54 min Scan# 3037
Delta R.T. 0.11 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion:112 Resp: 4714
Ion Ratio Lower Upper
112 100
114 9.2 25.2 37.8#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

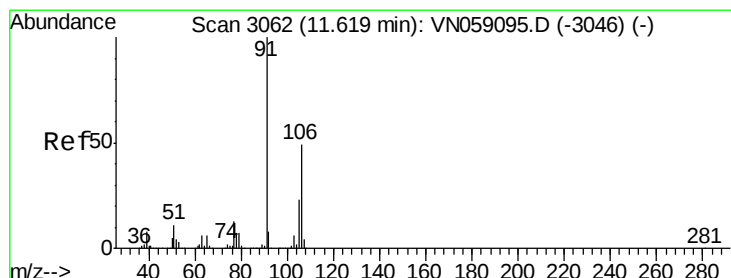
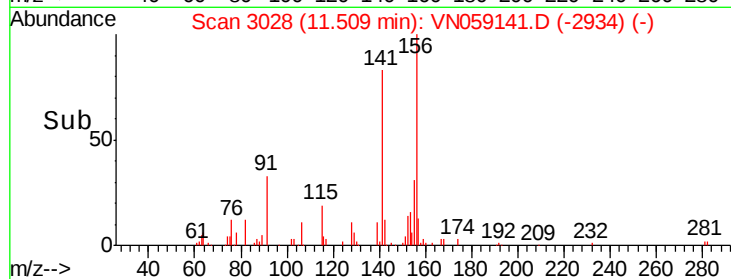
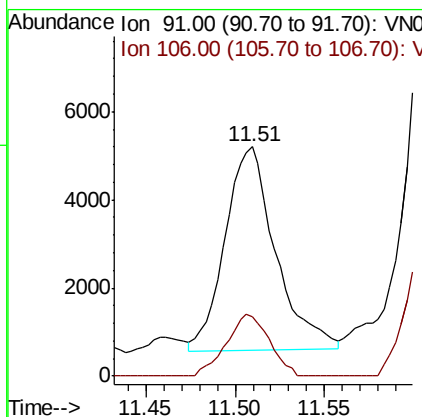
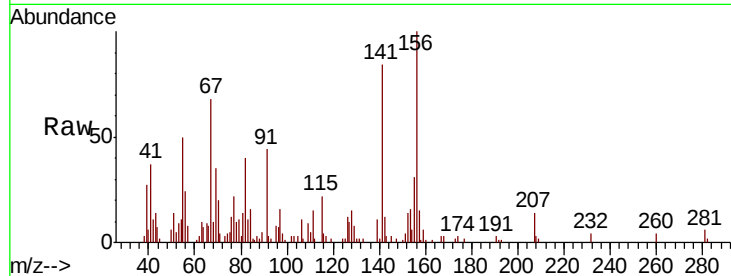




#67
Ethyl Benzene
Concen: 0.403 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

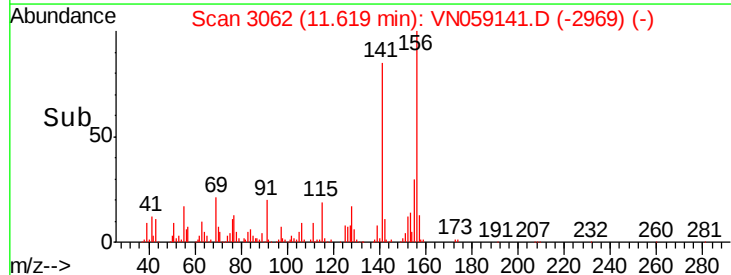
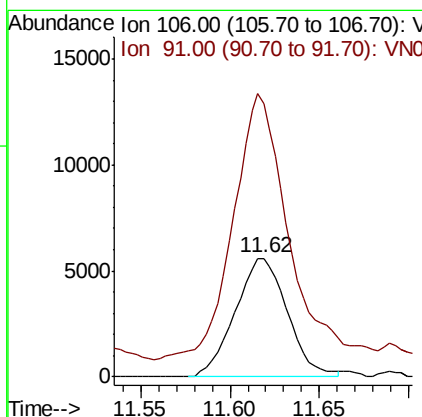
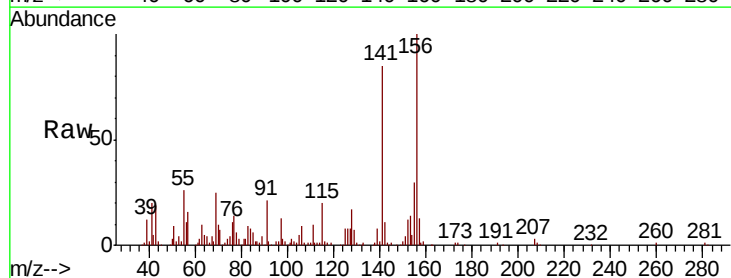
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

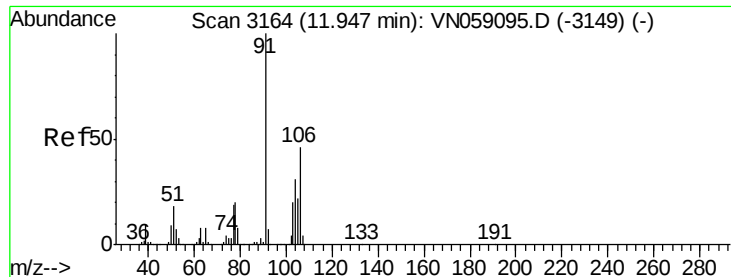
Tot Ion: 91 Resp: 9083
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 1.354 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 106 Resp: 11428
Ion Ratio Lower Upper
106 100
91 247.5 164.7 247.1#

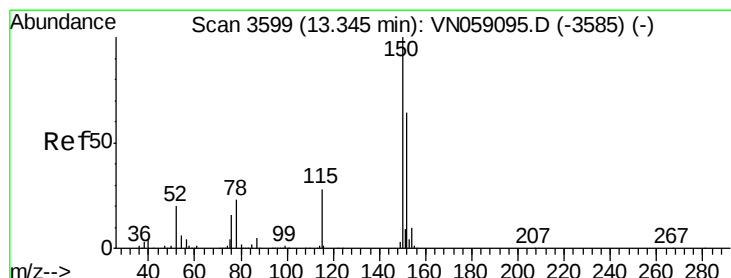
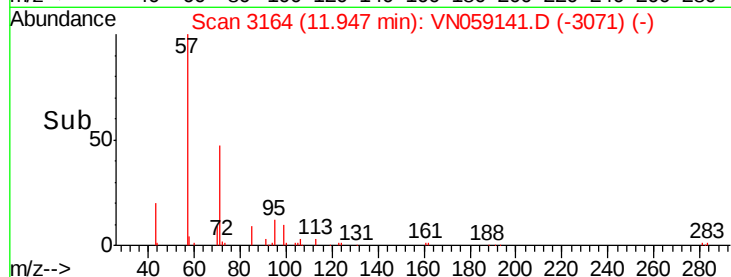
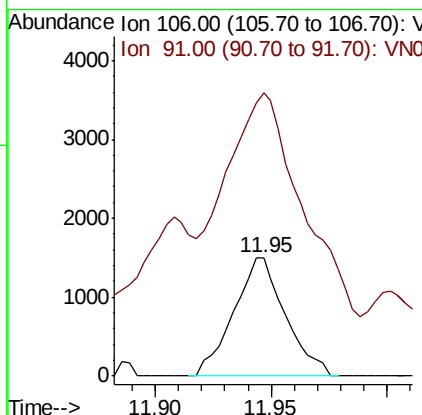
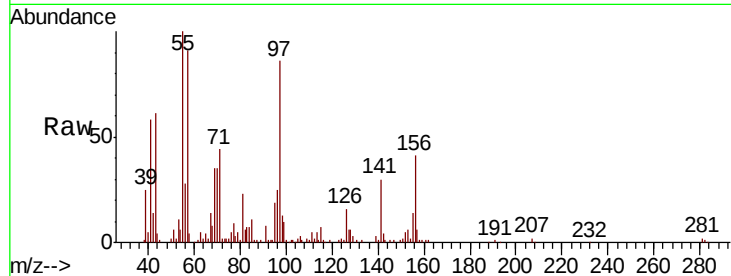




#69
o-Xylene
Concen: 0.285 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

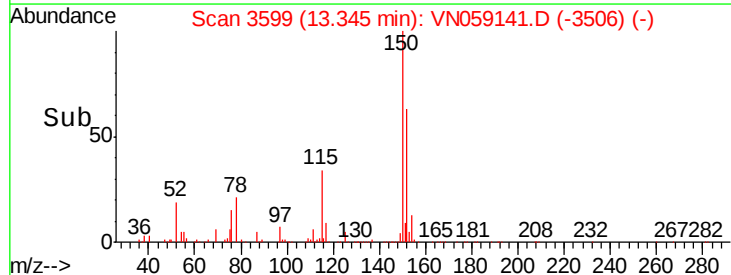
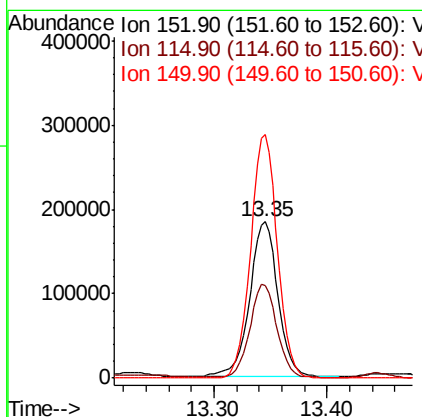
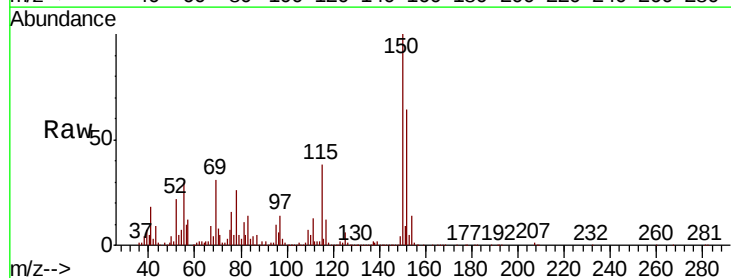
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

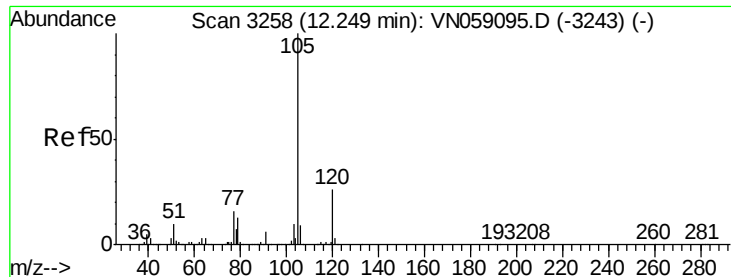
Tot Ion:106 Resp: 2326
Ion Ratio Lower Upper
106 100
91 276.6 110.1 330.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion:152 Resp: 321046
Ion Ratio Lower Upper
152 100
115 56.9 29.4 88.2
150 147.0 0.0 345.8





#73

Isopropylbenzene

Concen: 0.399 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

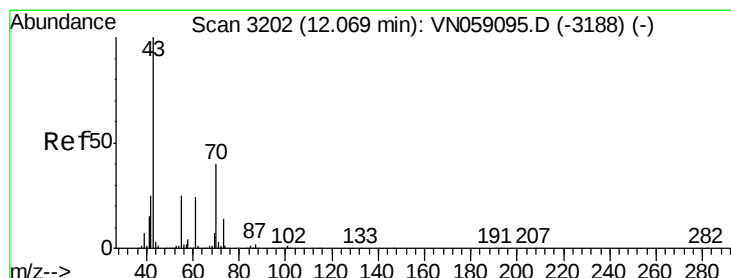
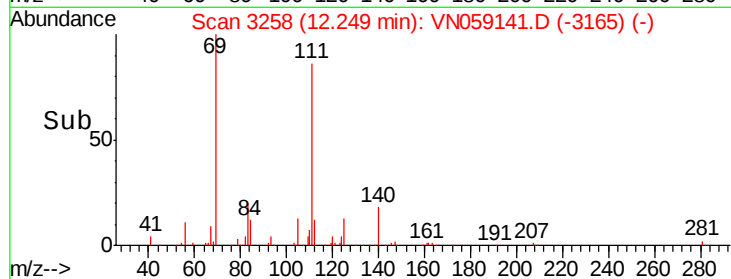
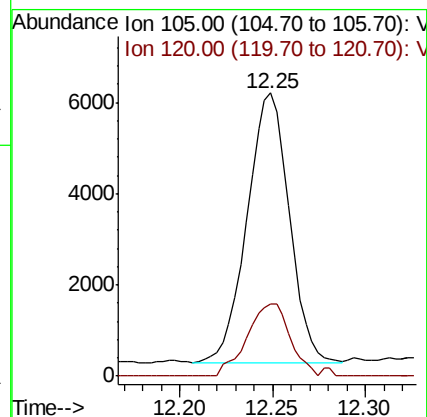
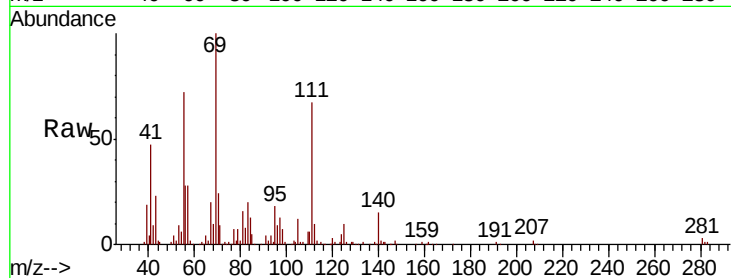
SB-35-(6-8)

Tot Ion:105 Resp: 9329

Ion Ratio Lower Upper

105 100

120 27.2 13.1 39.3



#74

N-ethyl acetate

Concen: 14.631 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Tgt Ion: 43 Resp: 144780

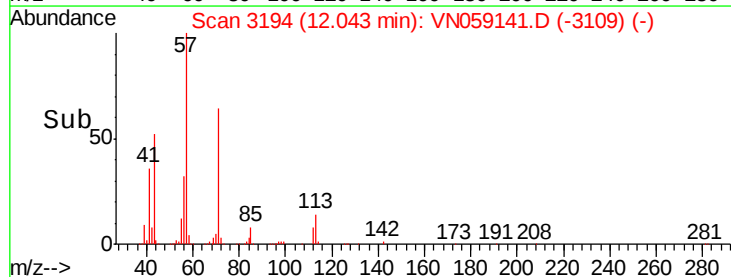
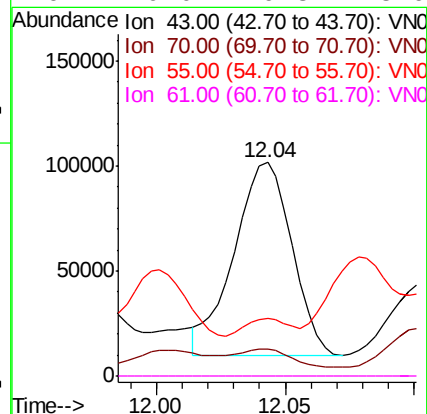
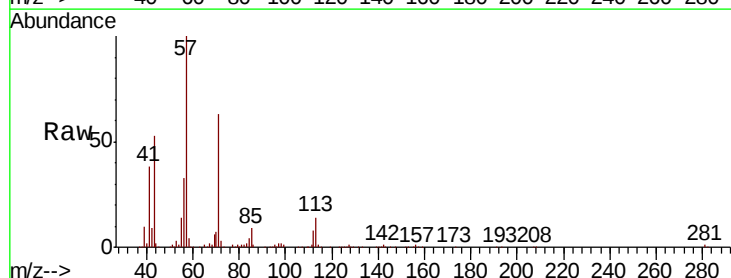
Ion Ratio Lower Upper

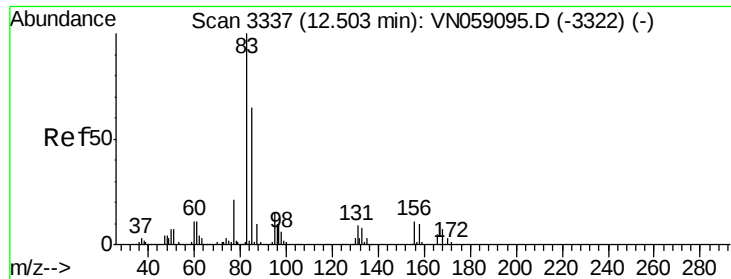
43 100

70 7.4 32.2 48.4#

55 0.0 20.4 30.6#

61 0.0 19.3 28.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.253 ug/l

RT: 12.46 min Scan# 3323

Delta R.T. -0.05 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-35-(6-8)

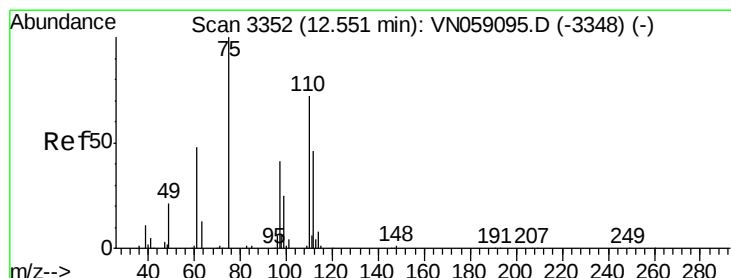
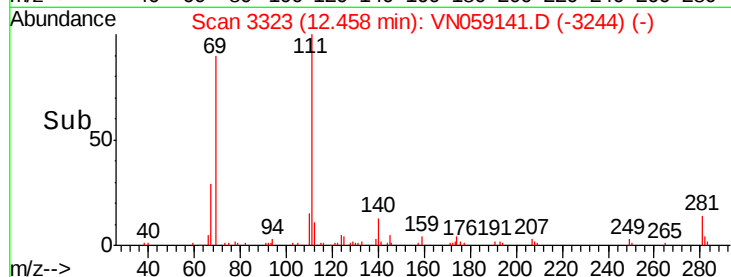
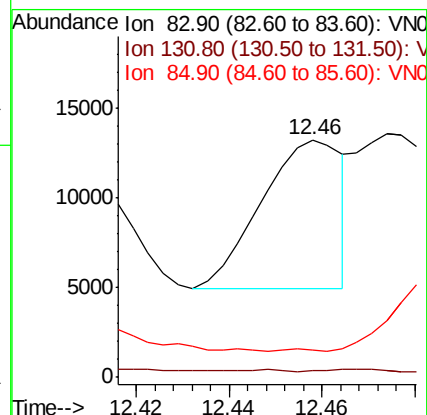
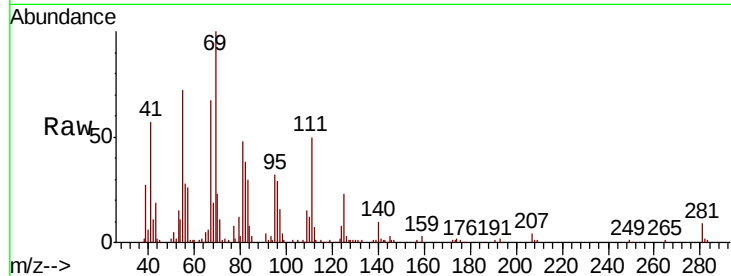
Tot Ion: 83 Resp: 9967

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 21.929 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059141.D

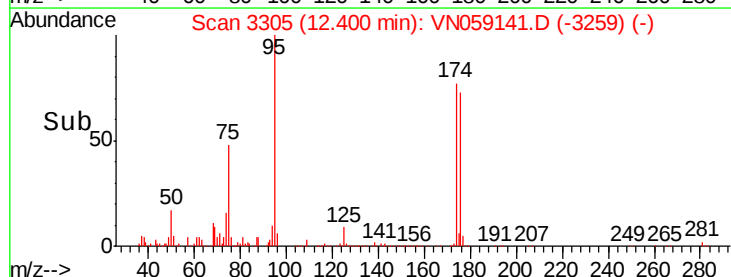
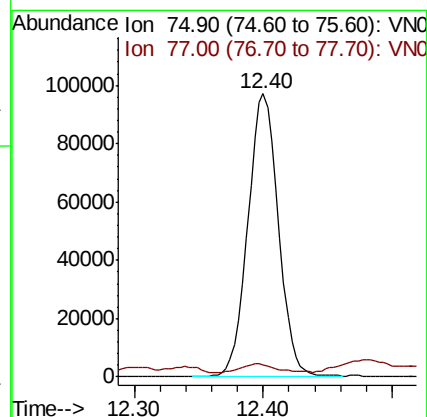
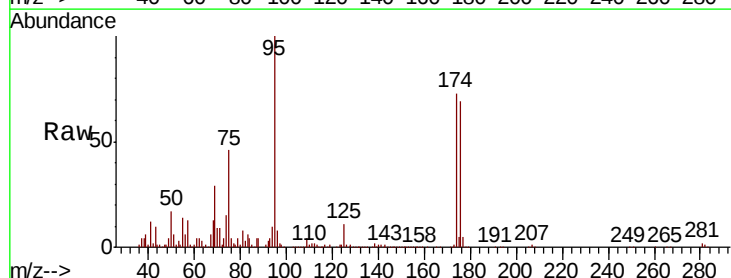
Acq: 8 Nov 2019 18:05

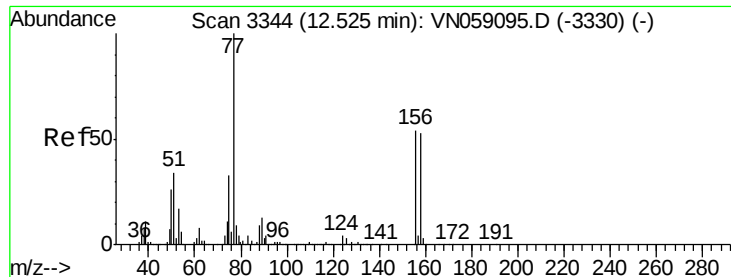
Tgt Ion: 75 Resp: 160279

Ion Ratio Lower Upper

75 100

77 3.2 0.0 0.0#





#77

Bromobenzene

Concen: 4.192 ug/l

RT: 12.62 min Scan# 3373

Delta R.T. 0.09 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

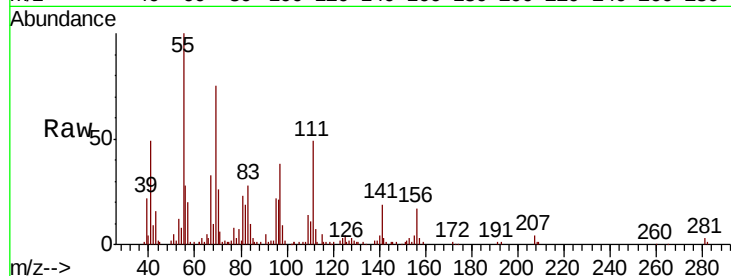
Tot Ion:156 Resp: 24596

Ion Ratio Lower Upper

156 100

77 0.0 112.8 338.3#

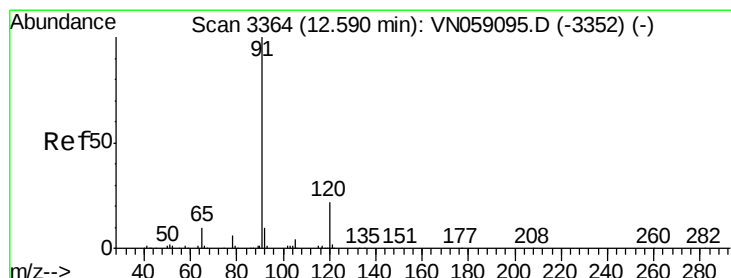
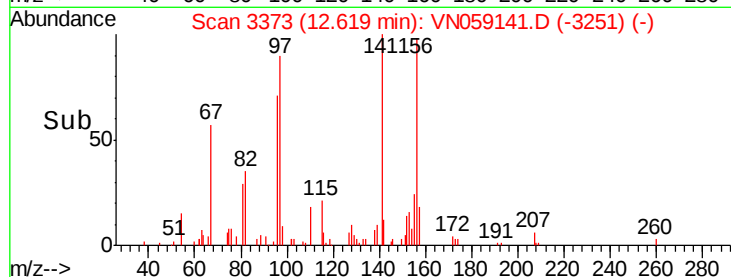
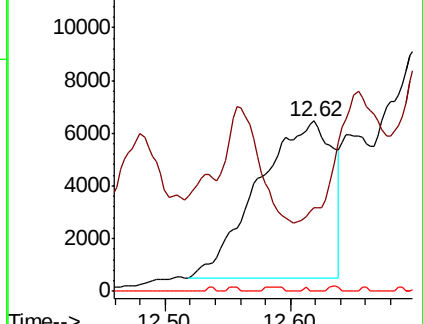
158 0.1 48.4 145.3#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.753 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059141.D

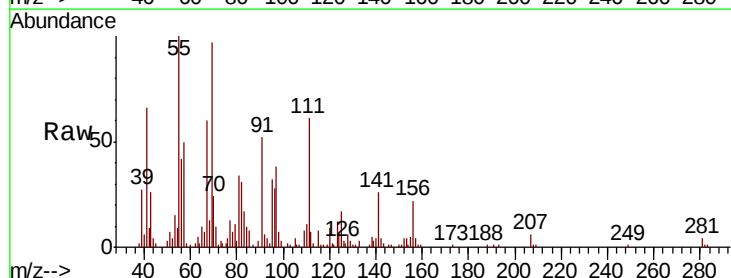
Acq: 8 Nov 2019 18:05

Tgt Ion: 91 Resp: 20142

Ion Ratio Lower Upper

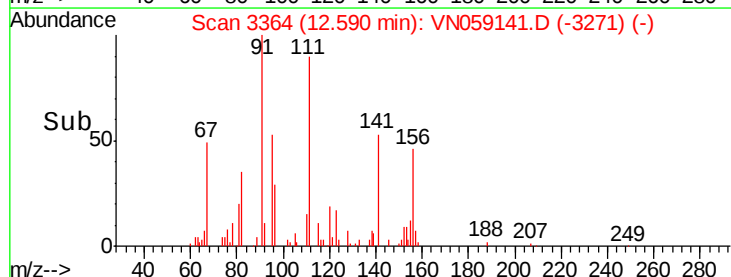
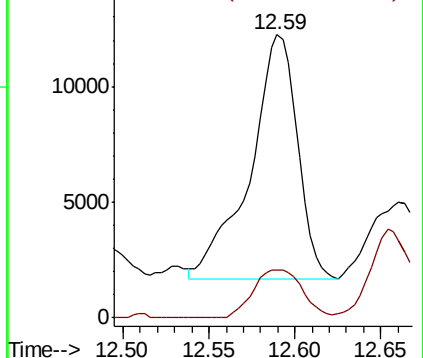
91 100

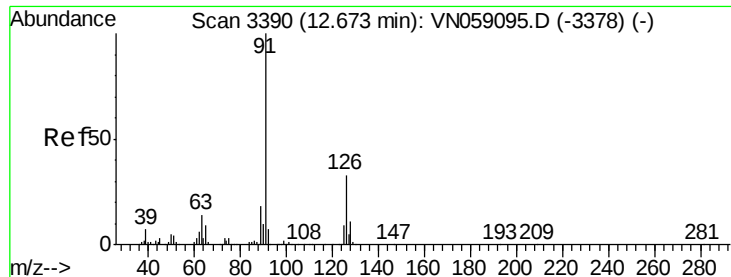
120 20.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

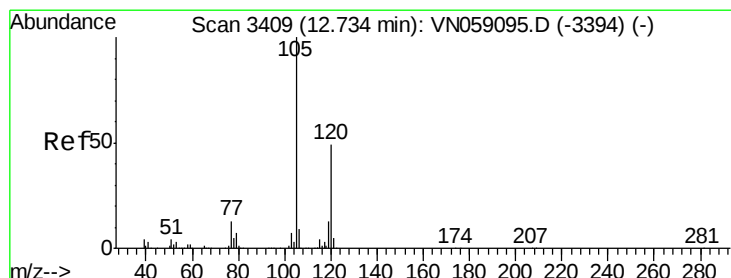
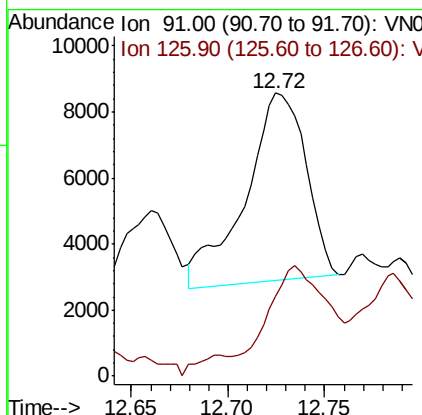
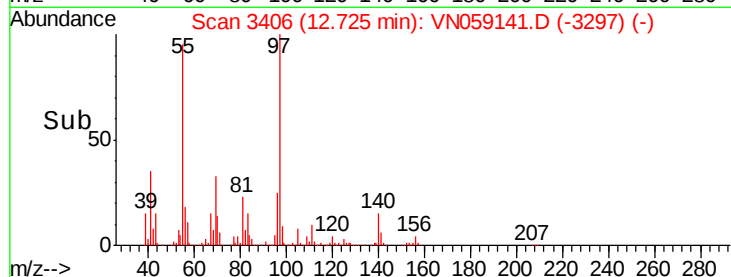
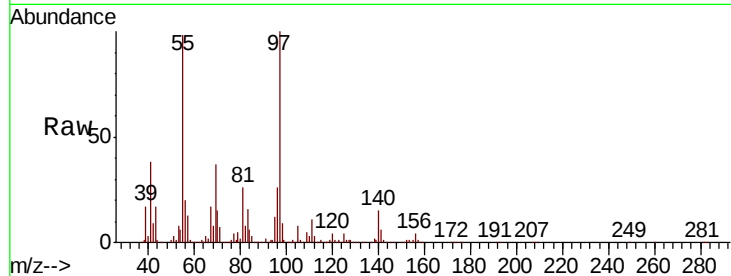




#79
2-Chlorotoluene
Concen: 0.749 ug/l
RT: 12.72 min Scan# 3406
Delta R.T. 0.05 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

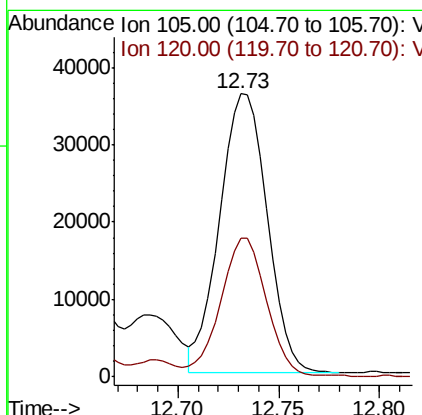
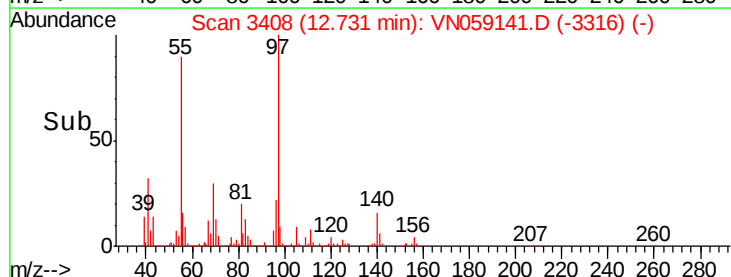
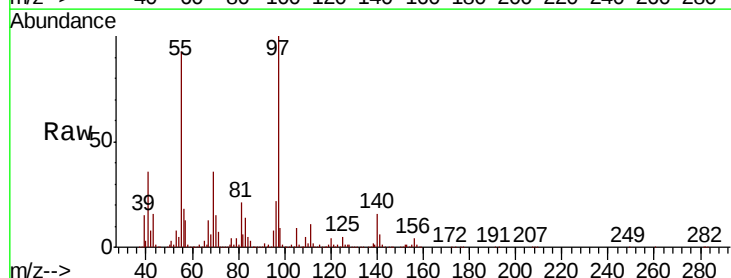
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

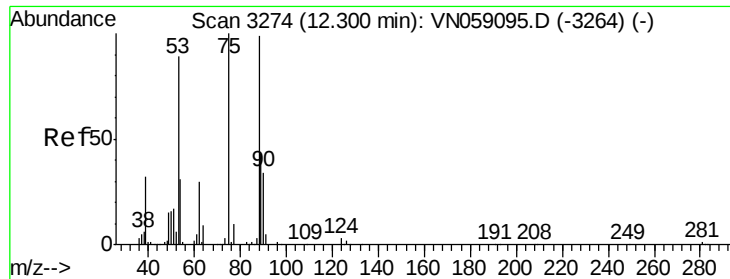
Tot Ion: 91 Resp: 12427
Ion Ratio Lower Upper
91 100
126 49.8 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 3.001 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 105 Resp: 59393
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.919 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

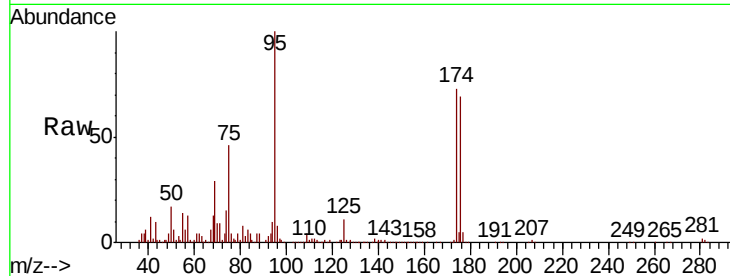
Tot Ion: 75 Resp: 160279

Ion Ratio Lower Upper

75 100

53 5.0 72.2 108.2#

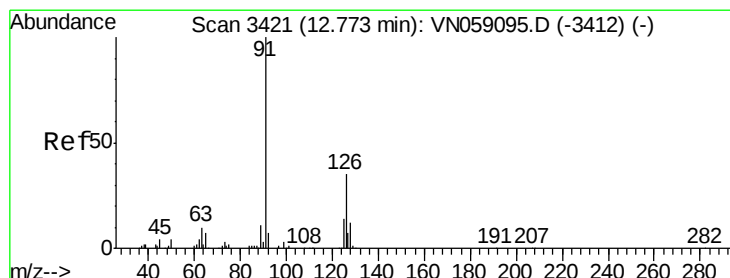
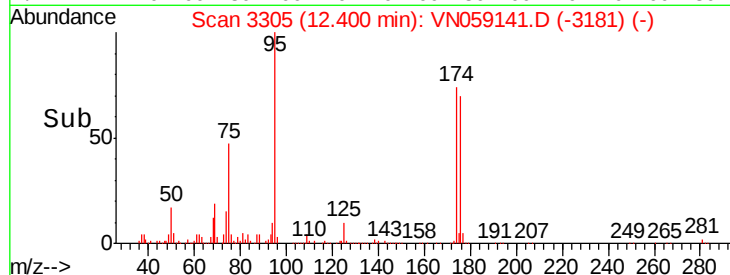
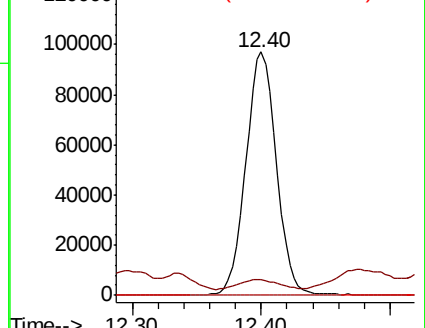
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 3.045 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.27 min

Lab File: VN059141.D

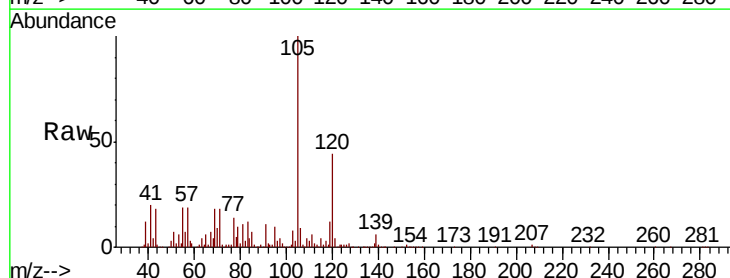
Acq: 8 Nov 2019 18:05

Tgt Ion: 91 Resp: 50654

Ion Ratio Lower Upper

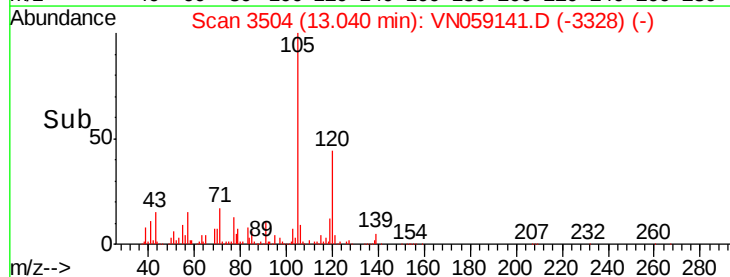
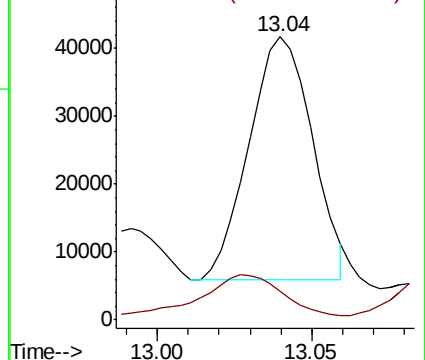
91 100

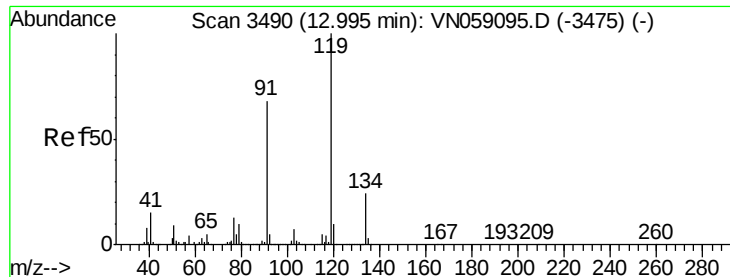
126 21.2 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

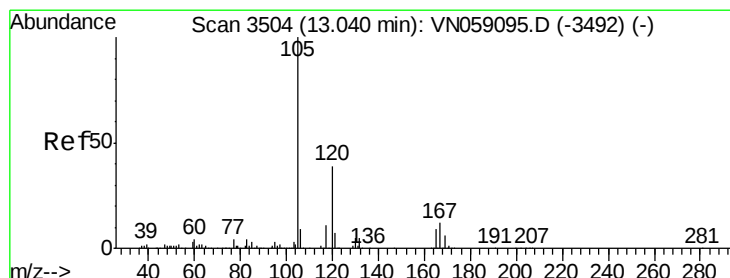
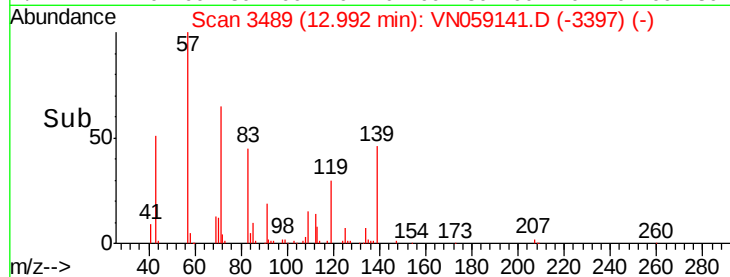
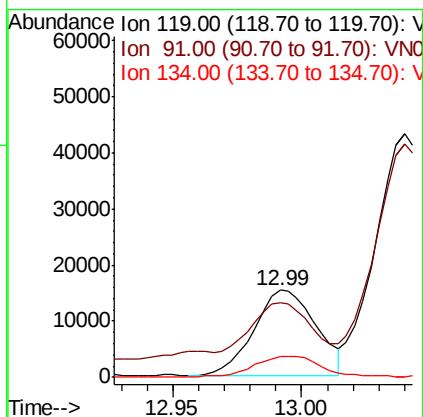
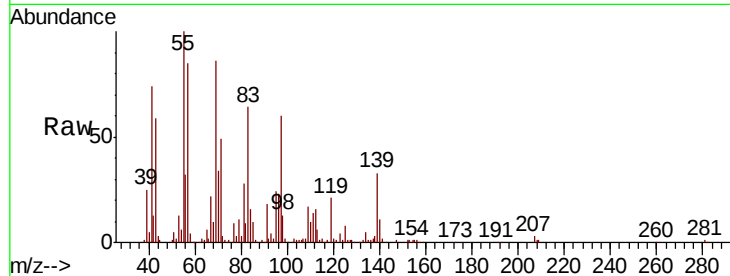




#83
tert-Butylbenzene
Concen: 1.489 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

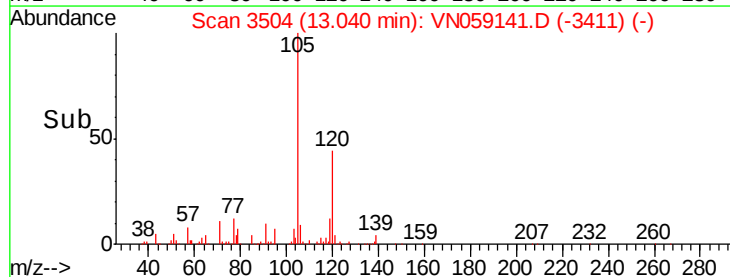
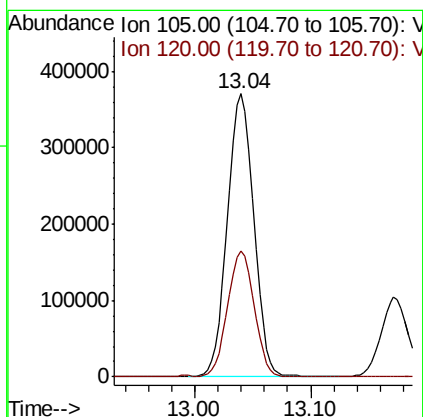
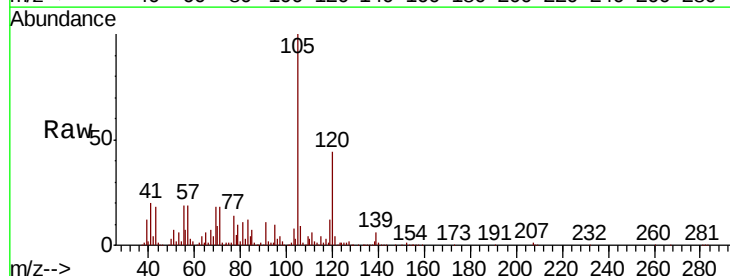
Instrument :
MSVOA_N
ClientSampleId :
SB-35-(6-8)

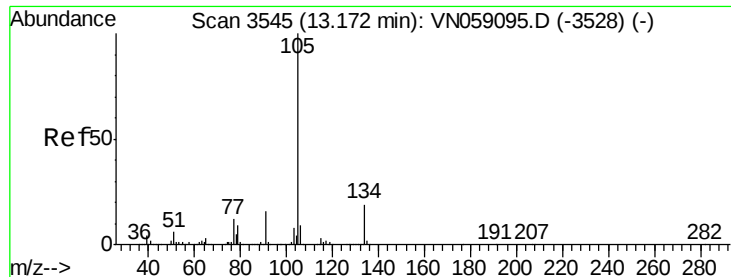
Tot Ion	Ratio	Lower	Upper
119	100		
91	51.9	33.2	99.6
134	27.5	12.7	38.1



#84
1,2,4-Trimethylbenzene
Concen: 30.202 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.4





#85

sec-Butylbenzene

Concen: 7.517 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

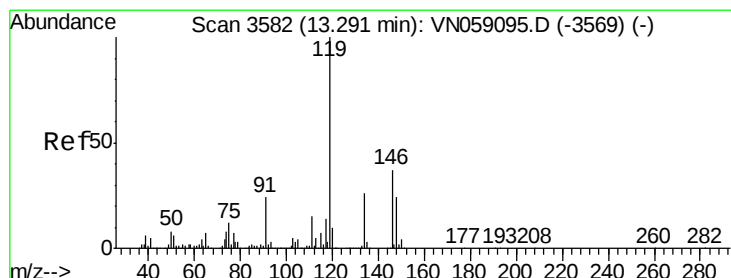
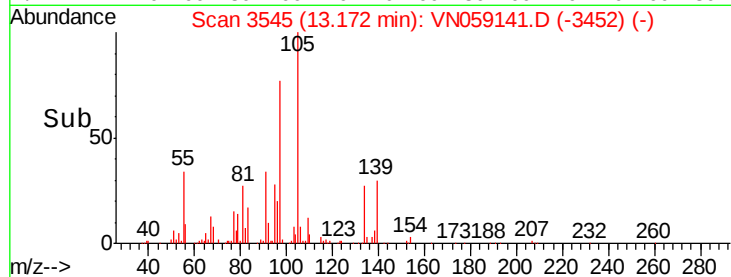
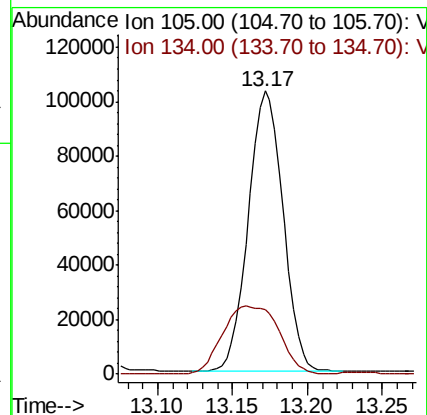
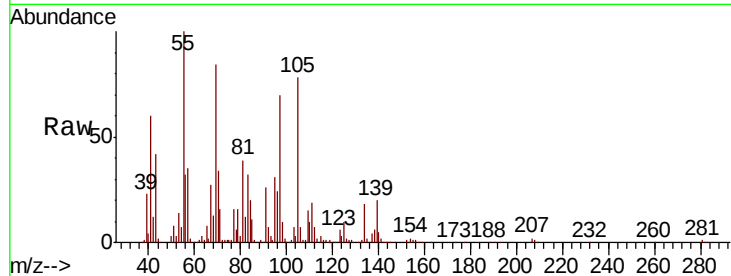
SB-35-(6-8)

Tot Ion:105 Resp: 167061

Ion Ratio Lower Upper

105 100

134 39.3 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 5.426 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

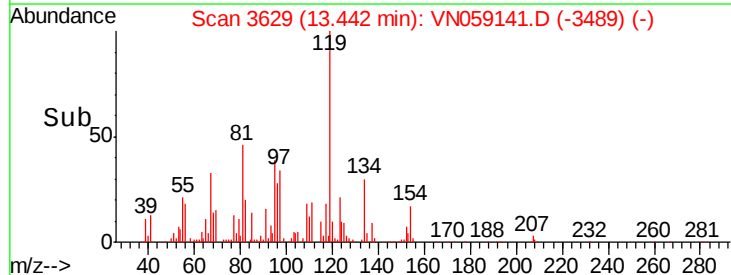
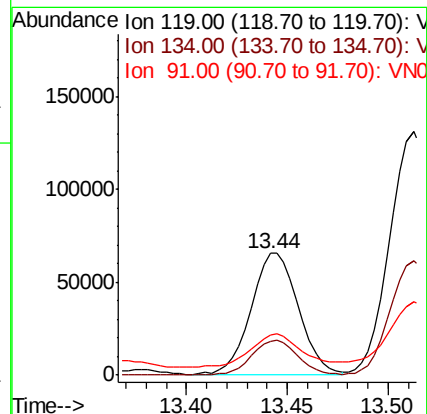
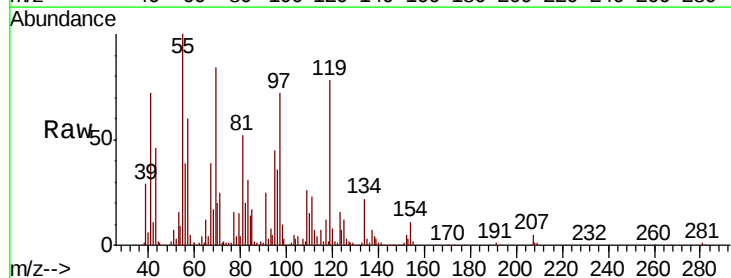
Tgt Ion:119 Resp: 106474

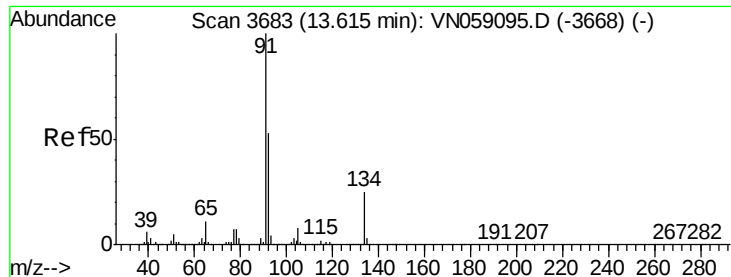
Ion Ratio Lower Upper

119 100

134 28.2 13.0 38.9

91 29.0 11.7 35.1

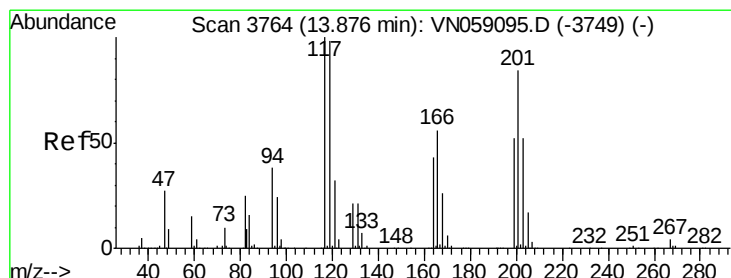
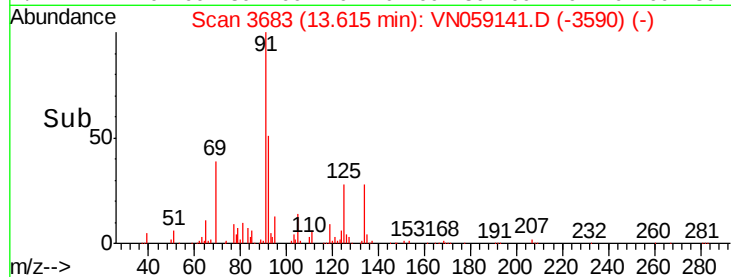
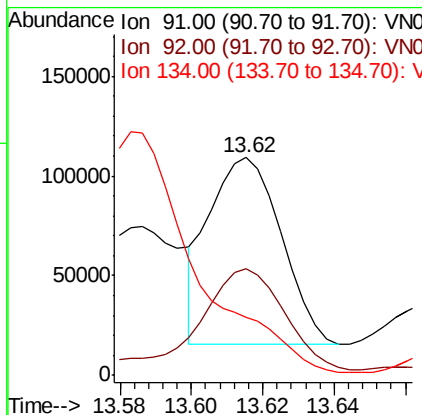
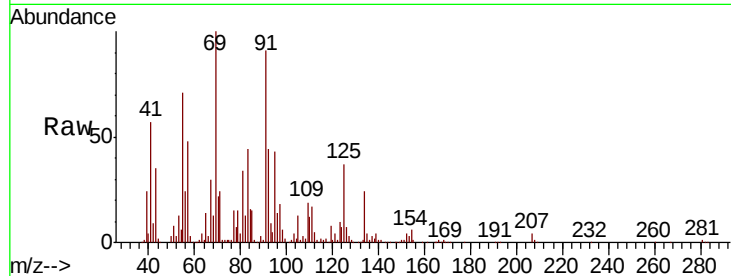




#89
n-Butylbenzene
Concen: 7.616 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

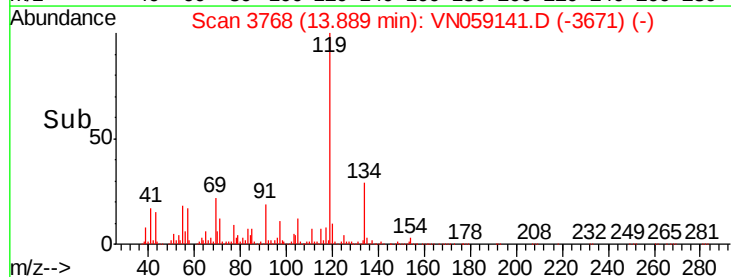
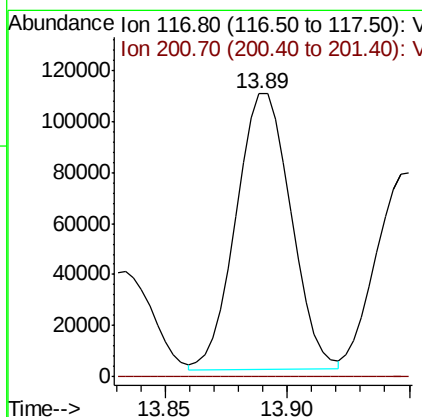
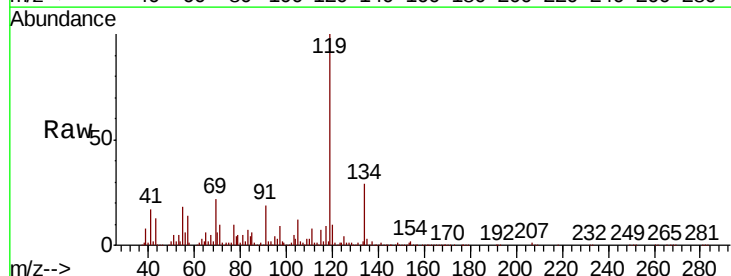
Instrument :
MSVOA_N
ClientSampled :
SB-35-(6-8)

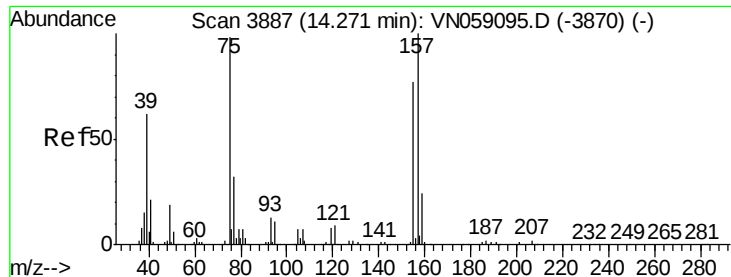
Tot Ion: 91 Resp: 130810
Ion Ratio Lower Upper
91 100
92 68.0 26.1 78.3
134 0.0 12.6 37.8#



#90
Hexachloroethane
Concen: 43.048 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN059141.D
Acq: 8 Nov 2019 18:05

Tgt Ion: 117 Resp: 169631
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 16.832 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampled :

SB-35-(6-8)

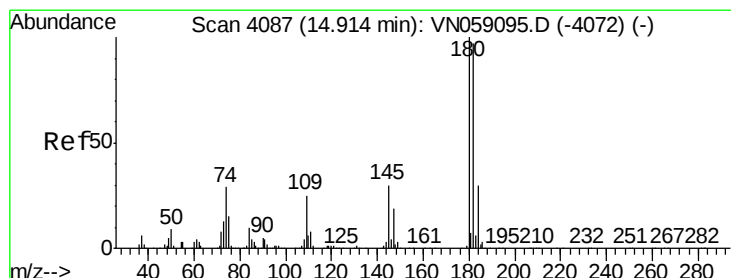
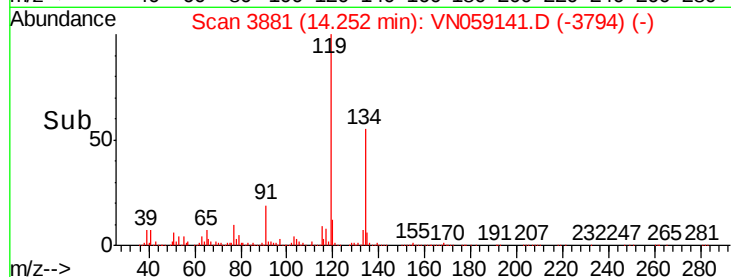
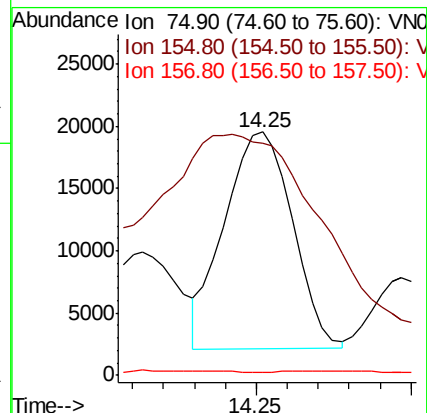
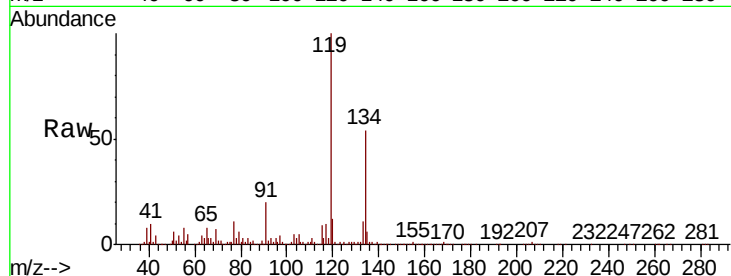
Tot Ion: 75 Resp: 26679

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 0.4 51.8 155.5#



#93

1,2,4-Trichlorobenzene

Concen: 3.266 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

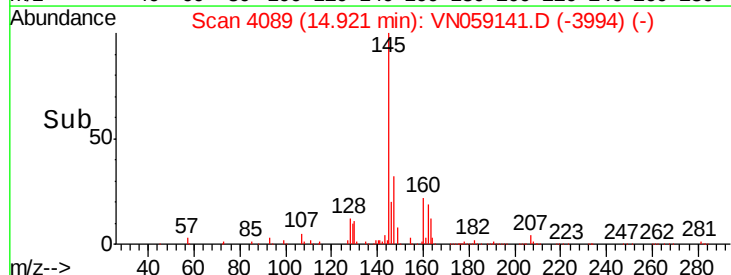
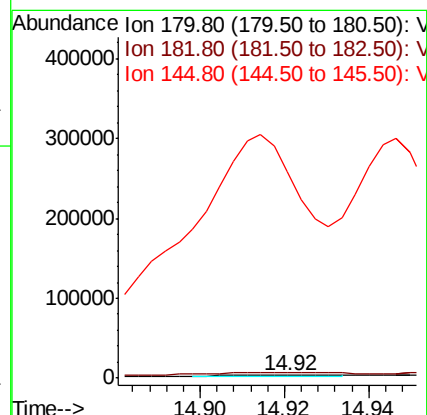
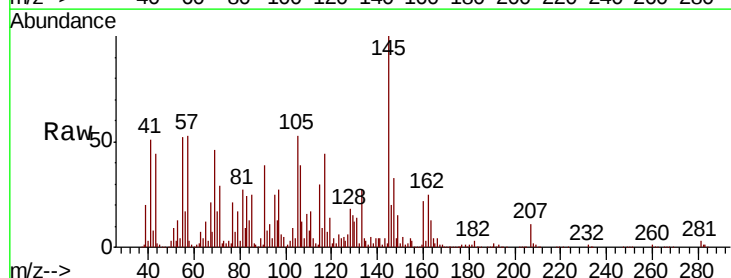
Tgt Ion: 180 Resp: 1402

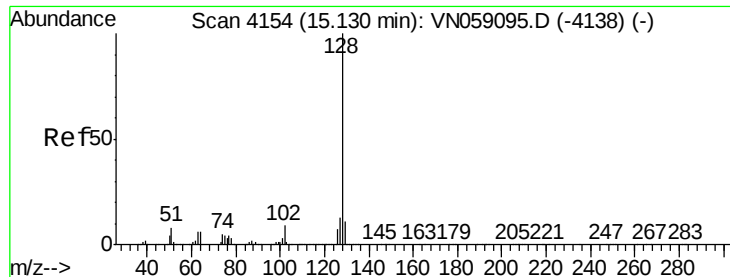
Ion Ratio Lower Upper

180 100

182 720.4 48.1 144.3#

145 46990.5 15.1 45.3#





#95

Naphthalene

Concen: 10.362 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

Instrument :

MSVOA_N

ClientSampleId :

SB-35-(6-8)

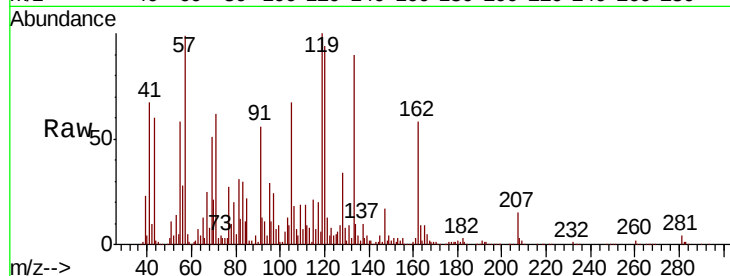
Tot Ion:128 Resp: 129619

Ion Ratio Lower Upper

128 100

127 29.5 10.2 15.2#

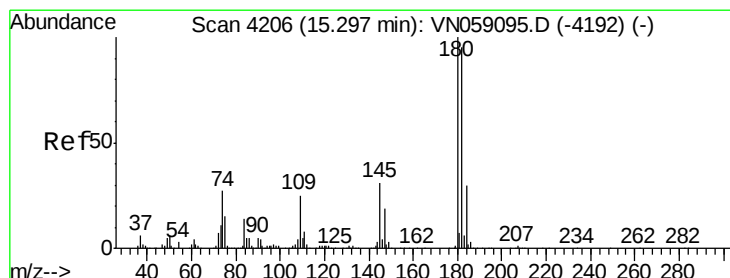
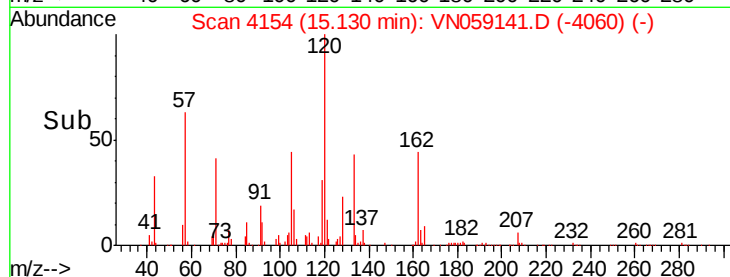
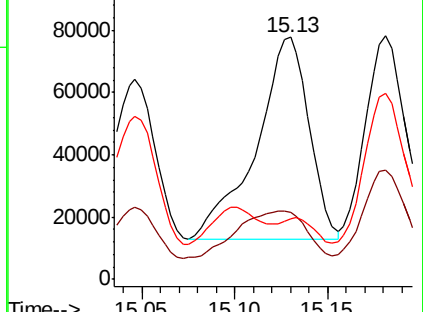
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.386 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.02 min

Lab File: VN059141.D

Acq: 8 Nov 2019 18:05

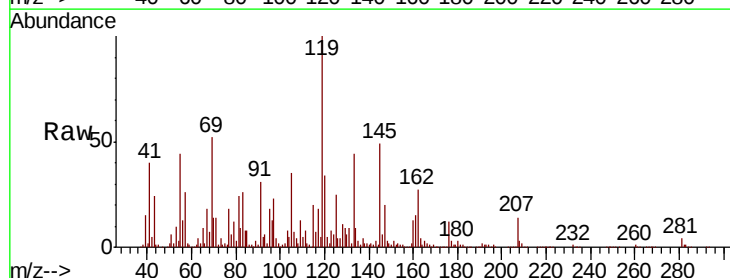
Tgt Ion:180 Resp: 7675

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 0.0 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

