

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056124.D
 Acq On : 8 Jun 2019 2:01
 Operator : JC/SP
 Sample : K3223-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605

Quant Time: Jun 08 05:17:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

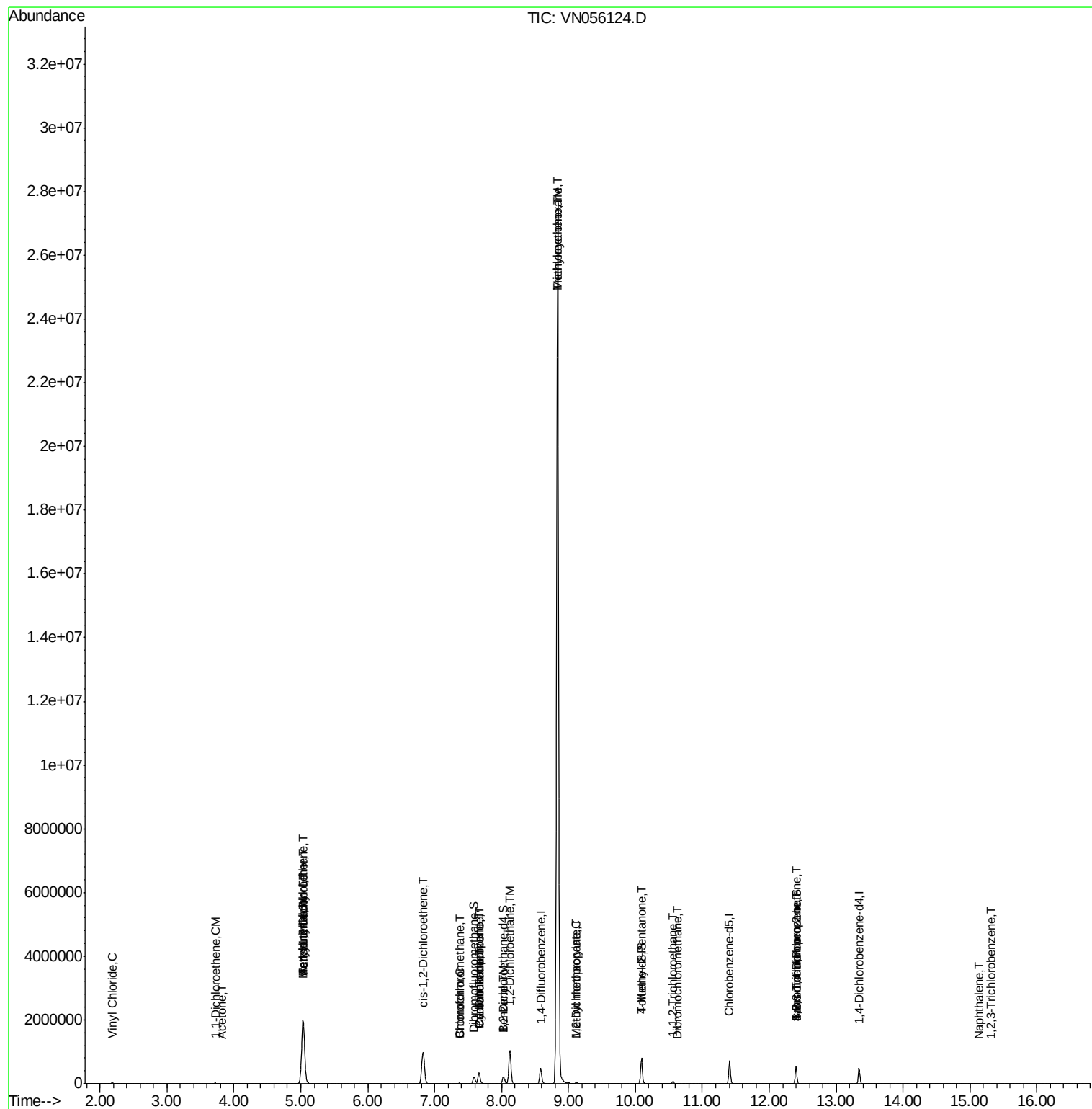
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	485795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	167684	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
35) Dibromofluoromethane	7.59	113	152336	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.09	98	614760	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.40	95	196512	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	21813	6.281	ug/l	99
11) Tert butyl alcohol	5.04	59	50090	90.760	ug/l #	1
12) 1,1-Dichloroethene	3.72	96	8784	3.276	ug/l	95
15) Acrylonitrile	5.04	53	3144	2.340	ug/l #	1
16) Acetone	3.83	43	456	0.301	ug/l #	41
18) Methyl Acetate	4.33	43	1124	Below Cal	#	57
19) Methyl tert-butyl Ether	5.05	73	308993	36.152	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	1322223	460.230	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	713738	211.347	ug/l	90
28) Bromochloromethane	7.36	49	687	0.288	ug/l #	7
30) Chloroform	7.37	83	20106	3.959	ug/l	100
31) Cyclohexane	7.66	56	4798	0.953	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18251	4.369	ug/l #	48
38) Carbon Tetrachloride	7.66	117	26254	6.817	ug/l #	14
39) Methylcyclohexane	8.83	83	122315	23.506	ug/l #	1
40) Benzene	8.04	78	10544	0.831	ug/l	100
42) 1,2-Dichloroethane	8.12	62	991232	242.892	ug/l	99
44) Trichloroethene	8.84	130	11118401	3049.832	ug/l	96
45) 1,2-Dichloropropane	9.12	63	10219	3.145	ug/l	95
48) Methyl methacrylate	9.12	41	5175	1.756	ug/l #	33
51) 4-Methyl-2-Pentanone	10.09	43	2616	0.695	ug/l #	1
55) 1,1,2-Trichloroethane	10.56	97	23433	7.493	ug/l	95
60) Dibromochloromethane	10.63	129	136	2.489	ug/l #	11
71) Bromoform	12.40	173	1541	3.291	ug/l #	1
73) Isopropylbenzene	12.25	105	129	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	89911	32.097	ug/l #	100
79) 2-Chlorotoluene	12.60	91	181	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	89911	106.890	ug/l #	15
95) Naphthalene	15.14	128	406	3.903	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	29	3.041	ug/l #	12

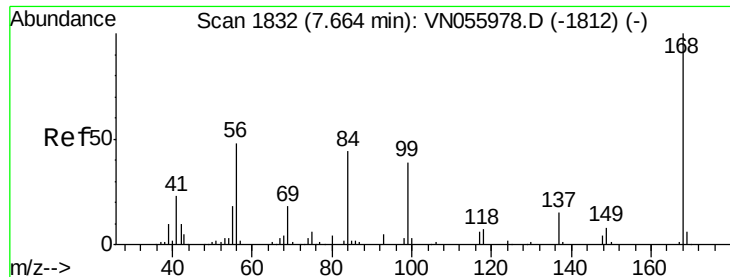
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

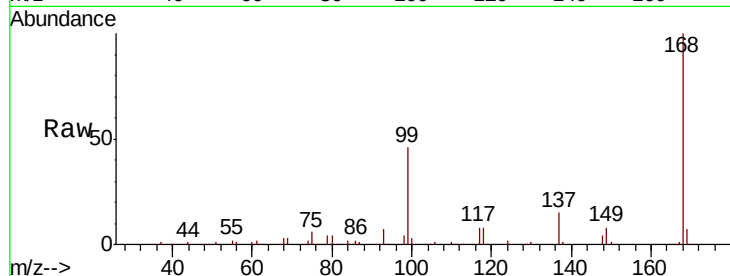
DUP-0532-190605

Tot Ion:168 Resp: 319405

Ion Ratio Lower Upper

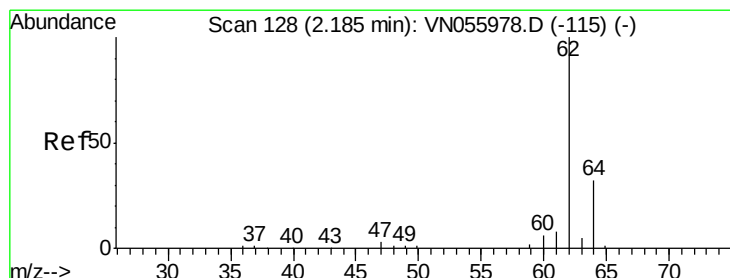
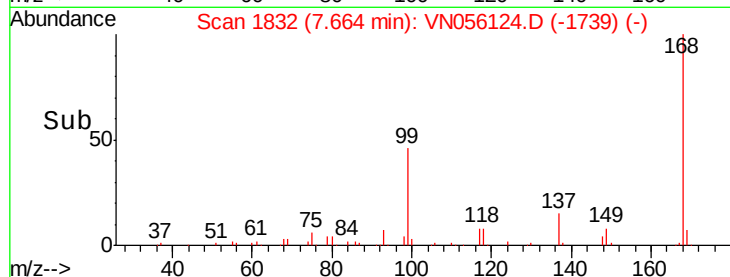
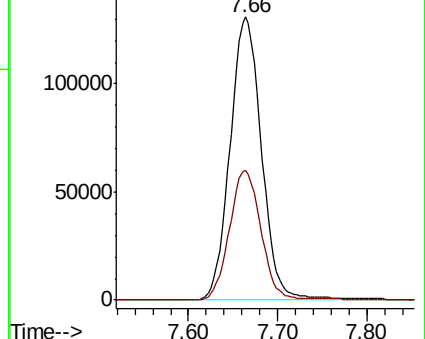
168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 6.281 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056124.D

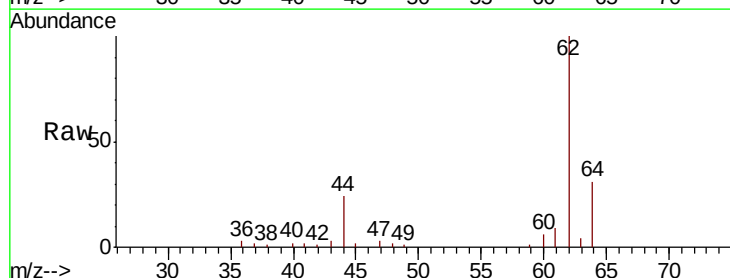
Acq: 8 Jun 2019 2:01

Tgt Ion: 62 Resp: 21813

Ion Ratio Lower Upper

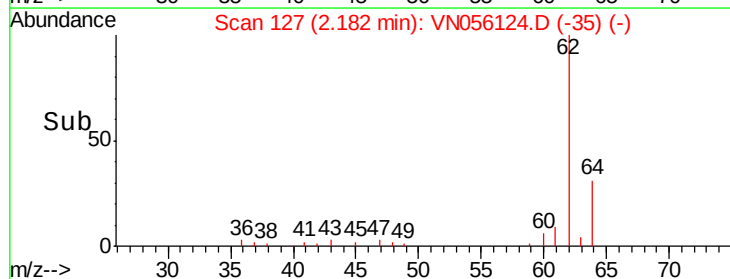
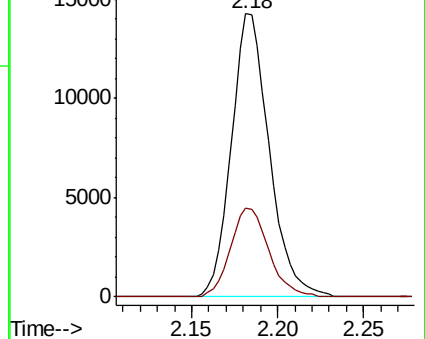
62 100

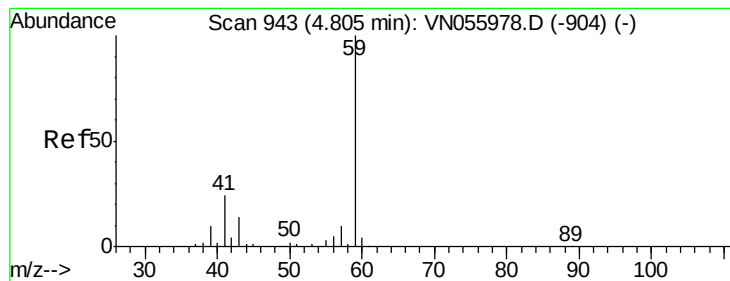
64 31.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#11

Tert butyl alcohol

Concen: 90.760 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.23 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

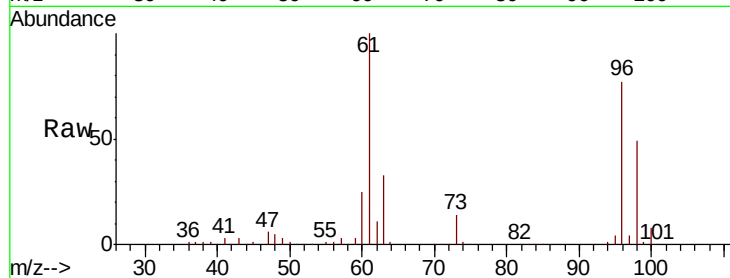
DUP-0532-190605

Tot Ion: 59 Resp: 50090

Ion Ratio Lower Upper

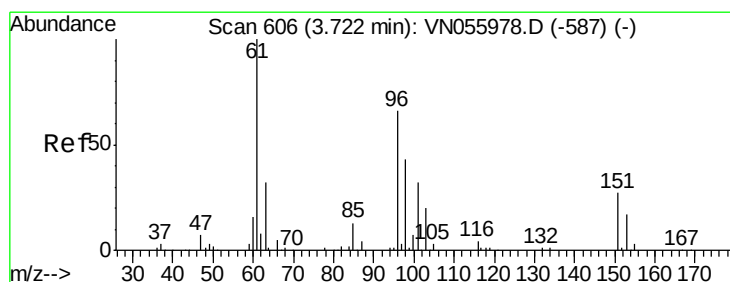
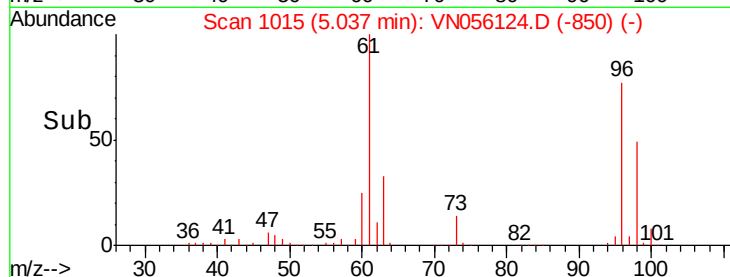
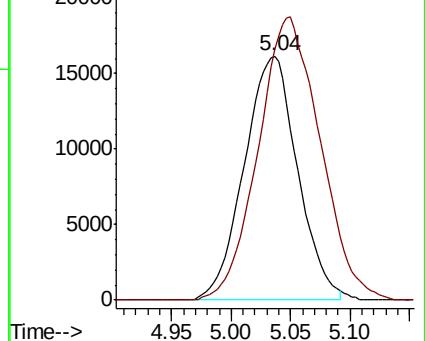
59 100

57 129.2 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 3.276 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

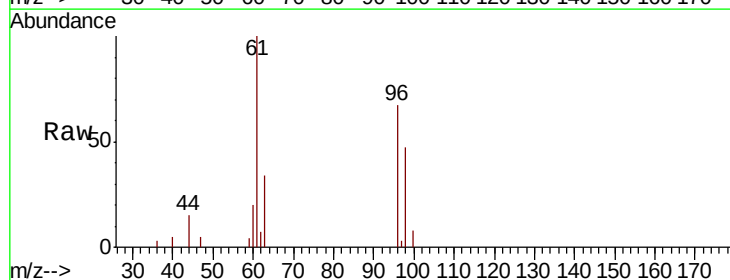
Tgt Ion: 96 Resp: 8784

Ion Ratio Lower Upper

96 100

61 148.7 123.2 184.8

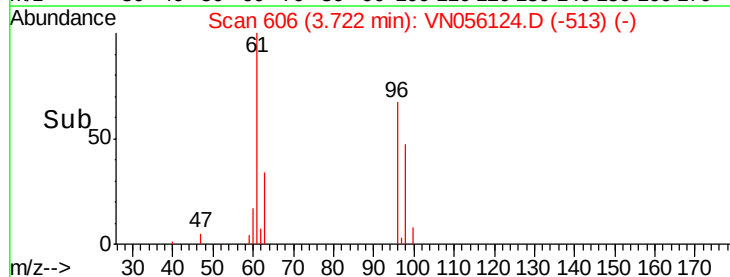
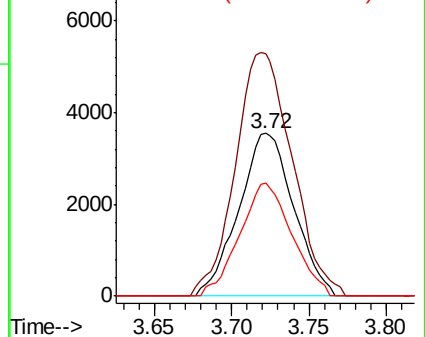
98 69.4 50.4 75.6

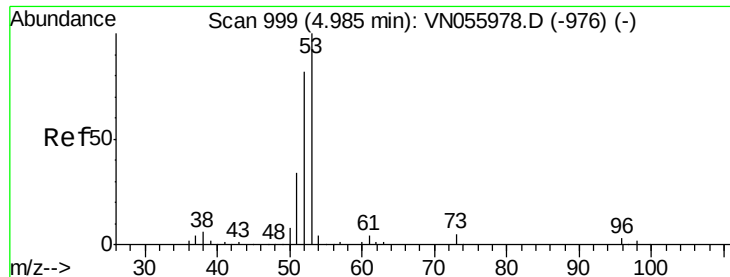


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#15

Acrylonitrile

Concen: 2.340 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.06 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

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DUP-0532-190605

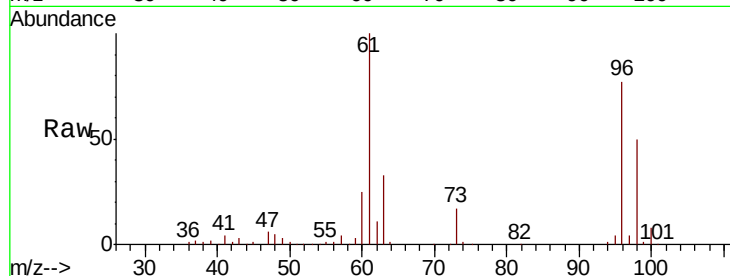
Tot Ion: 53 Resp: 3144

Ion Ratio Lower Upper

53 100

52 5.1 65.8 98.8#

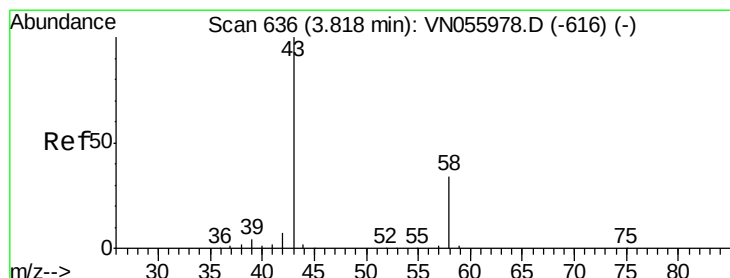
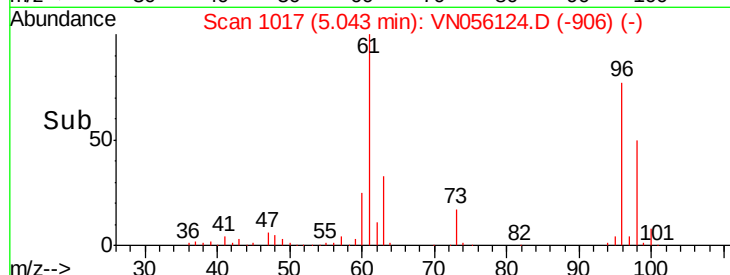
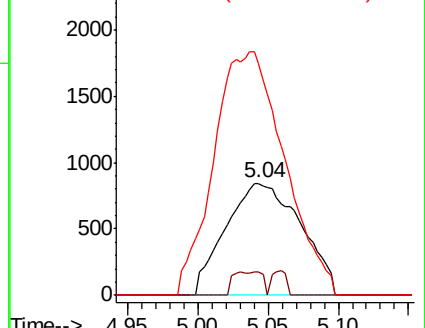
51 203.9 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 0.301 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056124.D

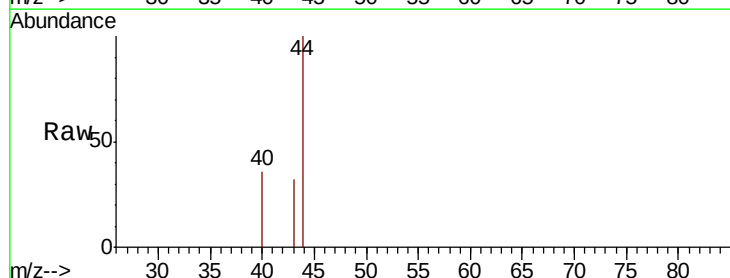
Acq: 8 Jun 2019 2:01

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

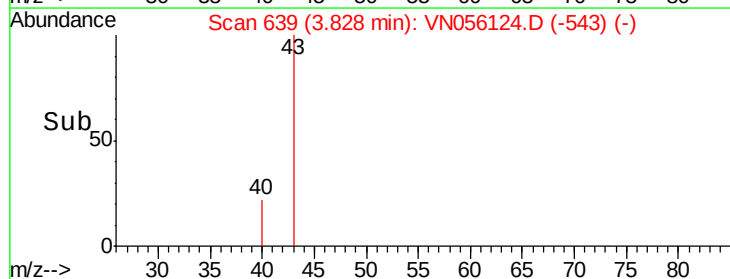
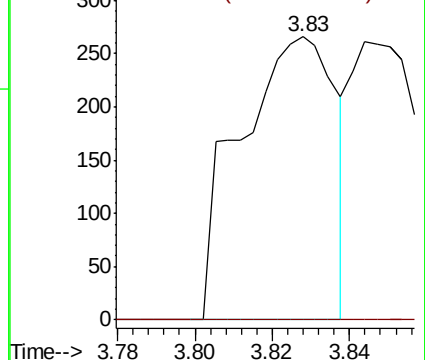
43 100

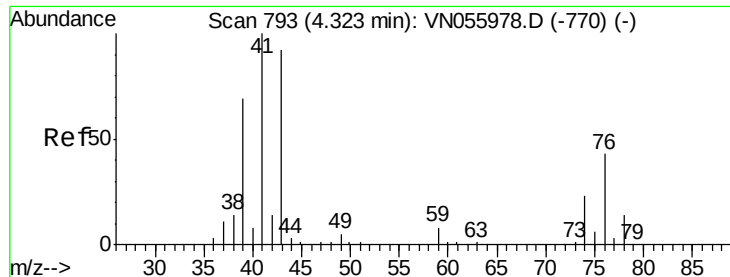
58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

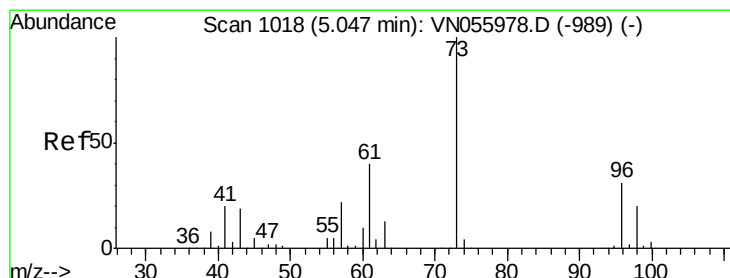
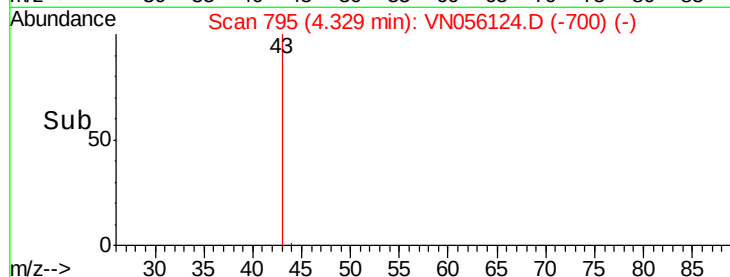
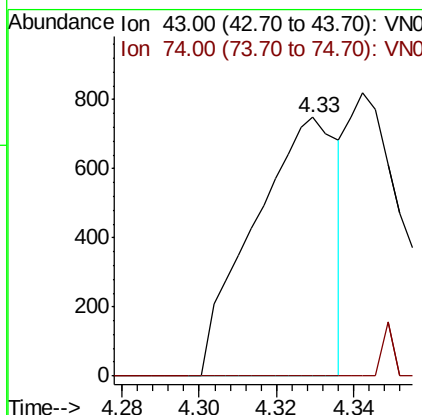
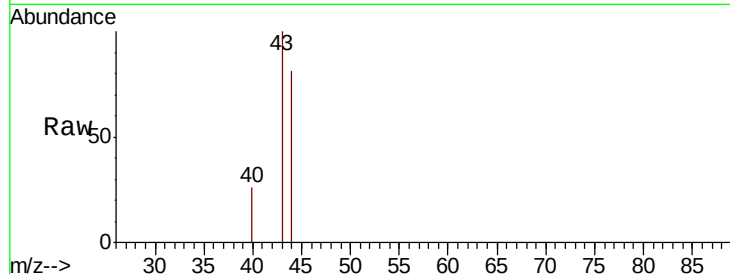




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

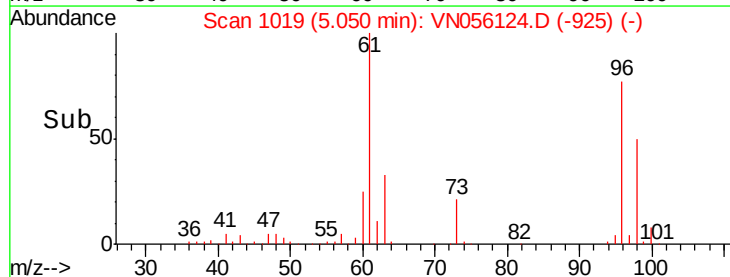
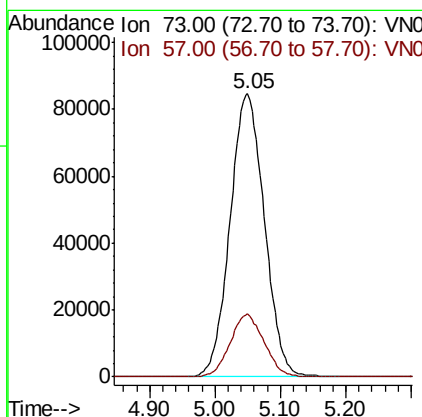
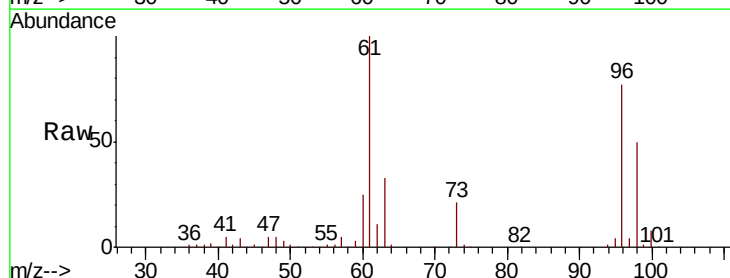
Instrument :
MSVOA_N
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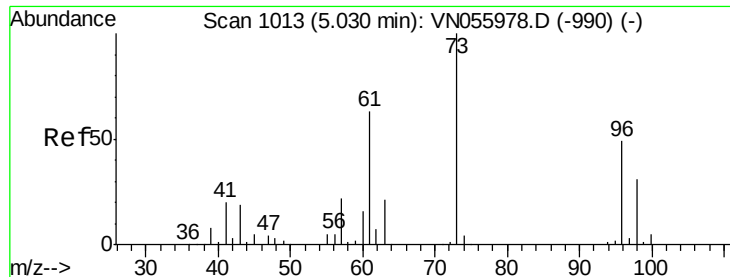
Tot Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
74 2.7 19.3 28.9#



#19
Methyl tert-butyl Ether
Concen: 36.152 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Tgt Ion: 73 Resp: 308993
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

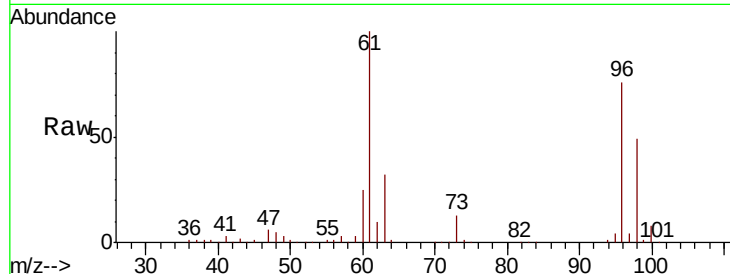




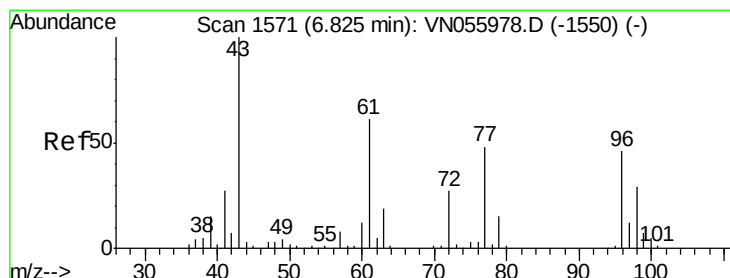
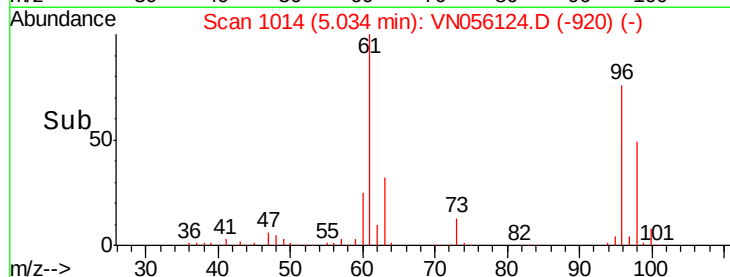
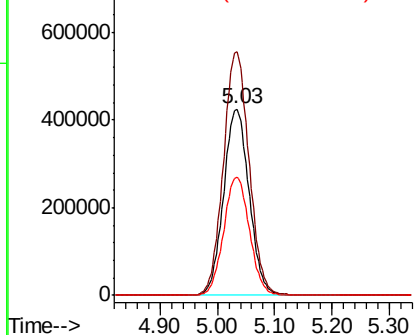
#21
trans-1,2-Dichloroethene
Concen: 460.230 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605

Tot Ion: 96 Resp: 1322223
Ion Ratio Lower Upper
96 100
61 130.9 107.8 161.8
98 63.6 49.8 74.8

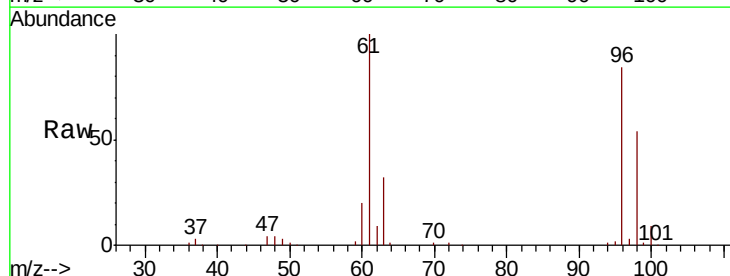


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

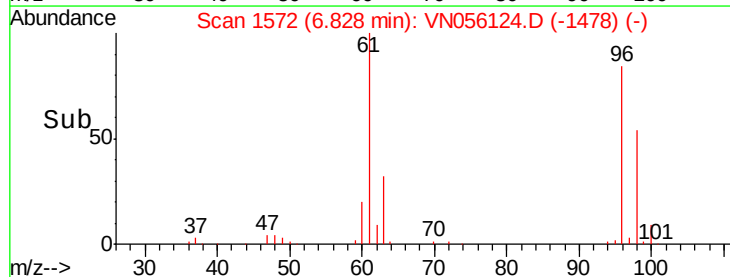
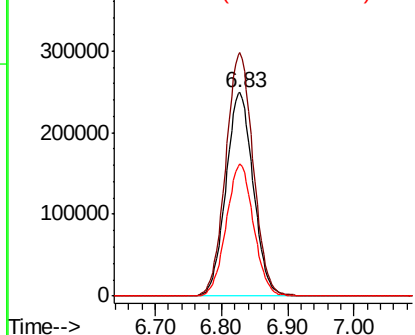


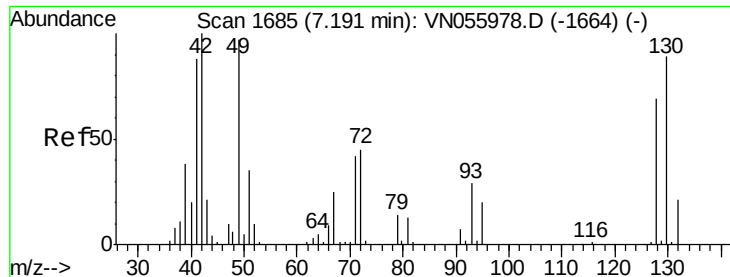
#27
cis-1,2-Dichloroethene
Concen: 211.347 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Tgt Ion: 96 Resp: 713738
Ion Ratio Lower Upper
96 100
61 120.1 0.0 275.8
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#28

Bromochloromethane

Concen: 0.288 ug/l

RT: 7.36 min Scan# 1739

Delta R.T. 0.17 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

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ClientSampleId :

DUP-0532-190605

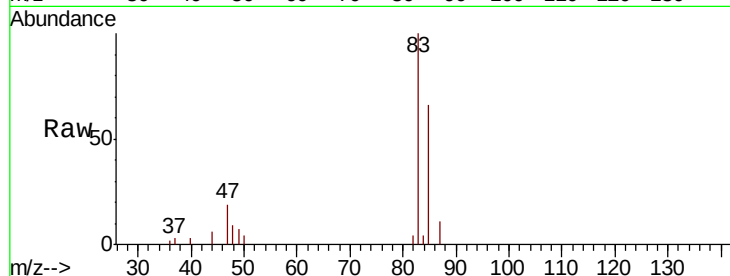
Tot Ion: 49 Resp: 687

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 0.0 71.2 106.8#

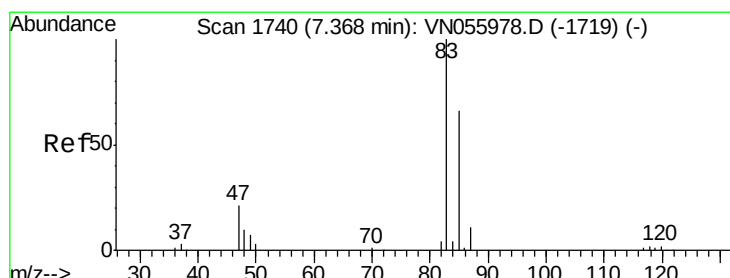
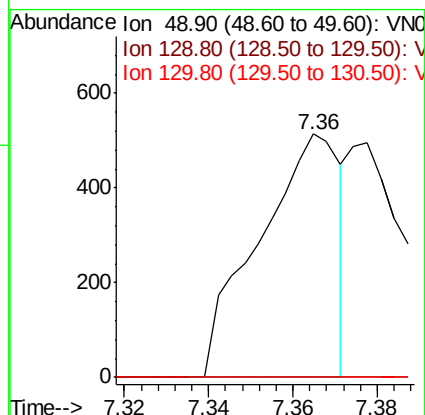
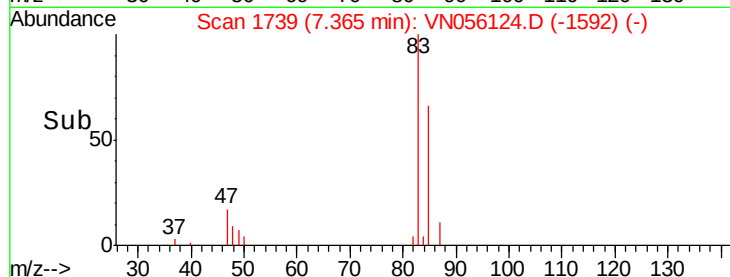


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time--> 7.32 7.34 7.36 7.38



#30

Chloroform

Concen: 3.959 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056124.D

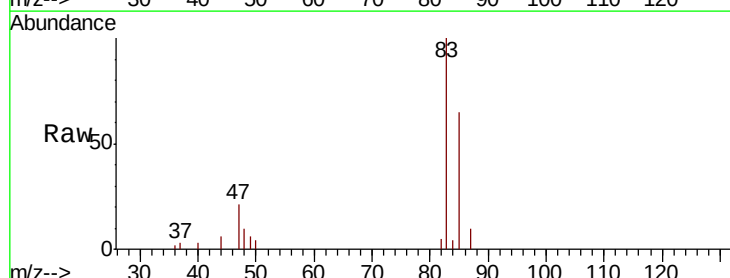
Acq: 8 Jun 2019 2:01

Tgt Ion: 83 Resp: 20106

Ion Ratio Lower Upper

83 100

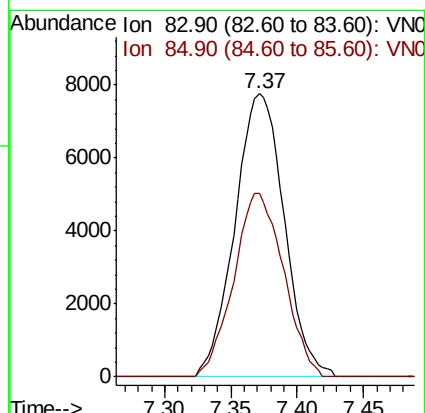
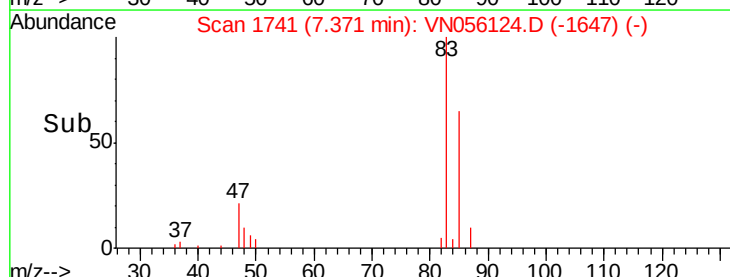
85 64.8 51.8 77.8

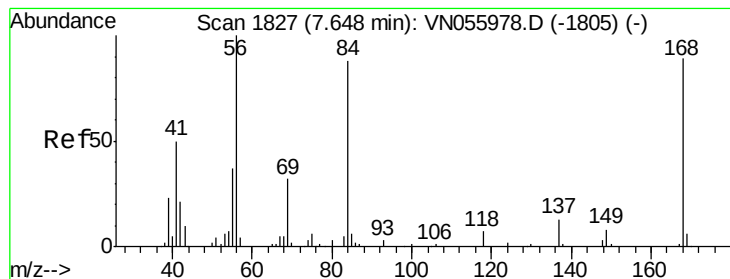


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time--> 7.30 7.35 7.40 7.45





#31

Cyclohexane

Concen: 0.953 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-0532-190605

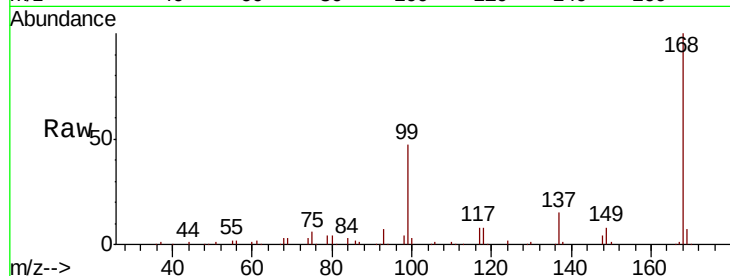
Tot Ion: 56 Resp: 4798

Ion Ratio Lower Upper

56 100

69 184.5 25.6 38.4#

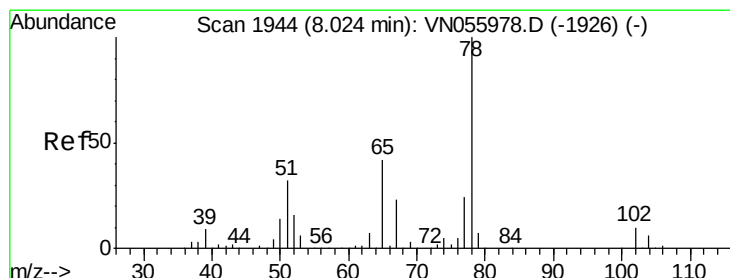
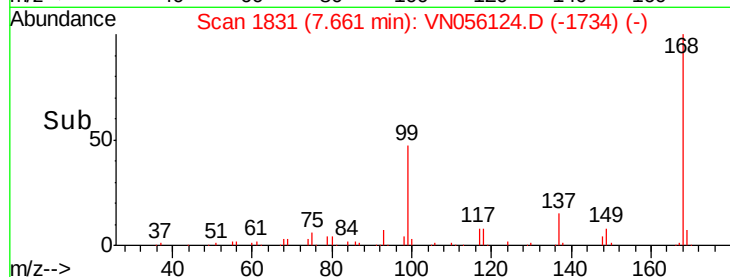
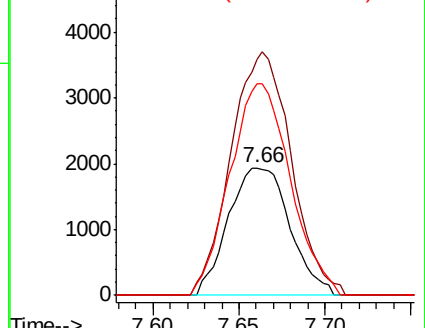
84 165.4 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.873 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056124.D

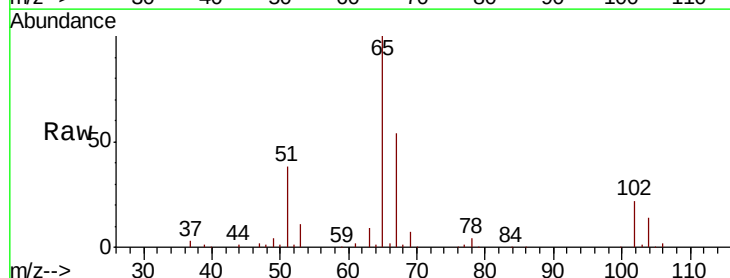
Acq: 8 Jun 2019 2:01

Tgt Ion: 65 Resp: 167684

Ion Ratio Lower Upper

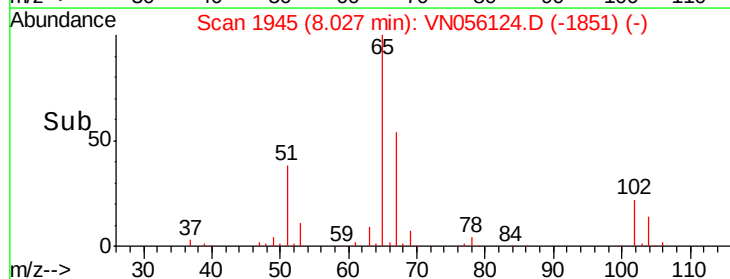
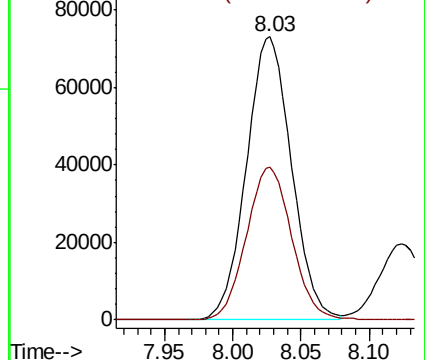
65 100

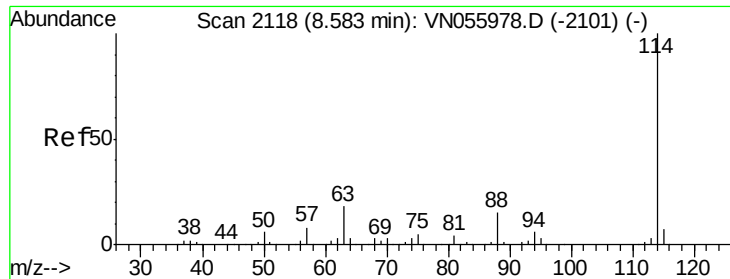
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

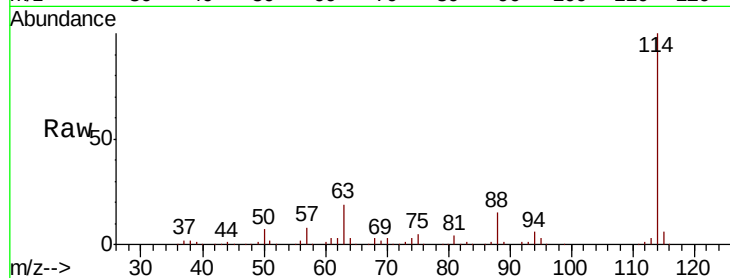




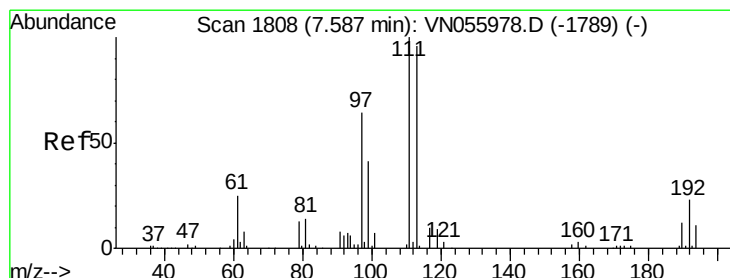
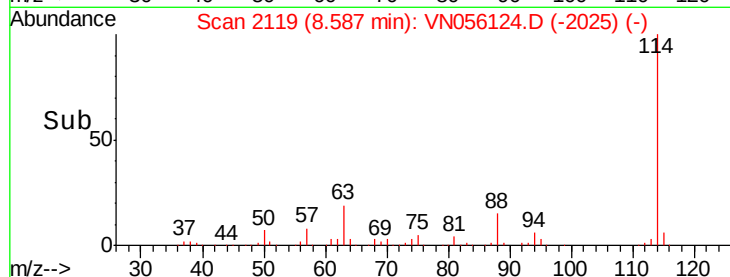
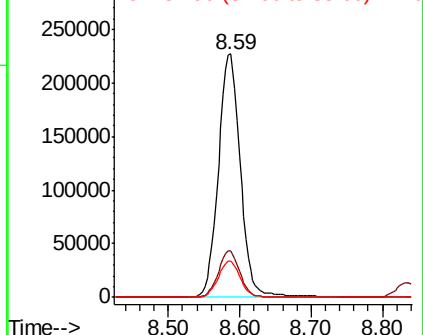
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605

Tot Ion:114 Resp: 485795
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 14.9 0.0 31.0

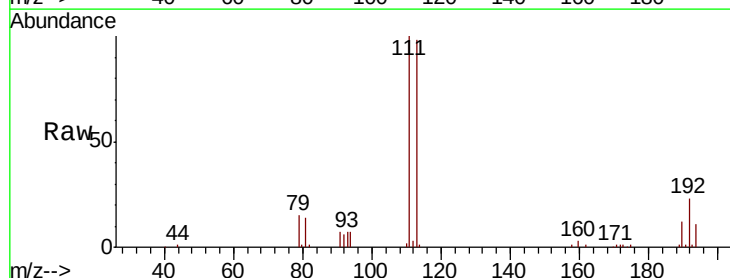


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

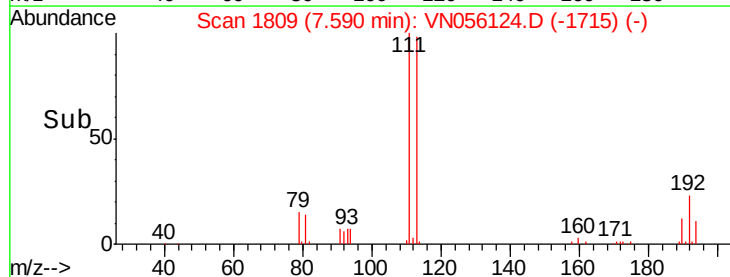
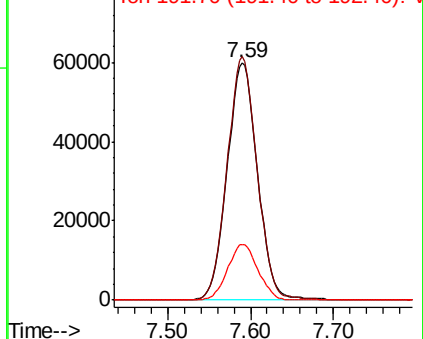


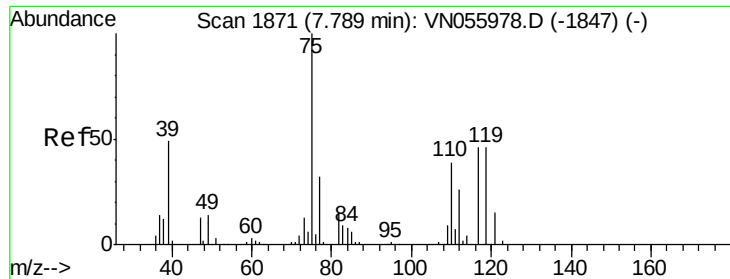
#35
Dibromofluoromethane
Concen: 51.111 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Tgt Ion:113 Resp: 152336
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 23.5 19.5 29.3



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: 4.369 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-0532-190605

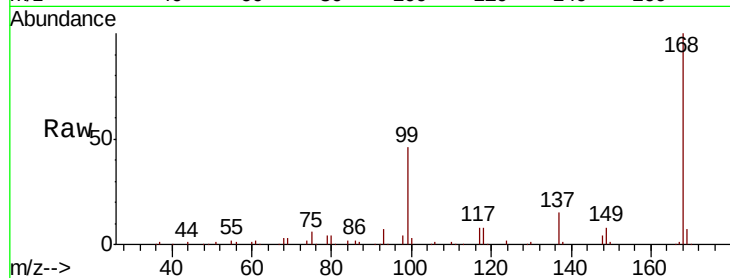
Tot Ion: 75 Resp: 18251

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.0 25.1 37.7#

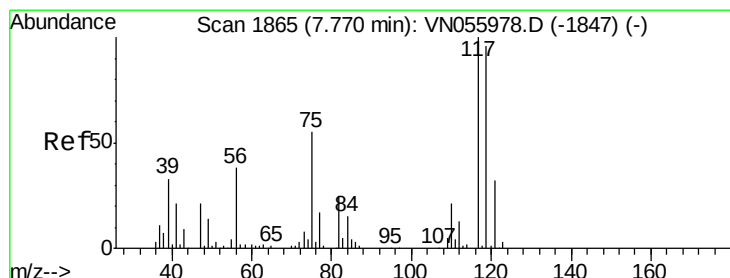
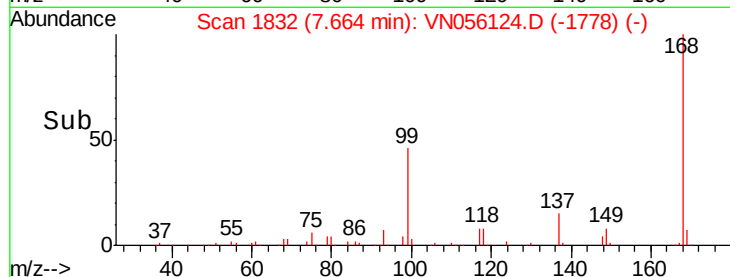


Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-1847) (-)

Ion 109.90 (109.60 to 110.60): VN055978.D (-1847) (-)

Ion 76.90 (76.60 to 77.60): VN055978.D (-1847) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.817 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

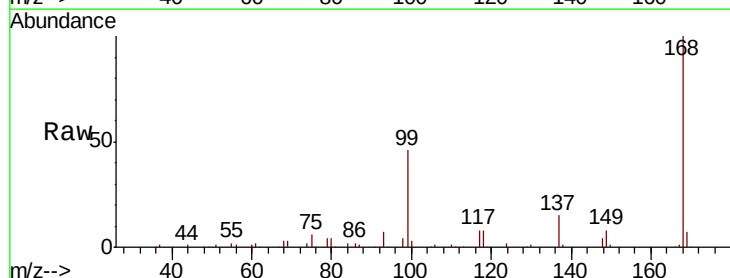
Tgt Ion: 117 Resp: 26254

Ion Ratio Lower Upper

117 100

119 4.5 79.0 118.6#

121 0.0 24.7 37.1#

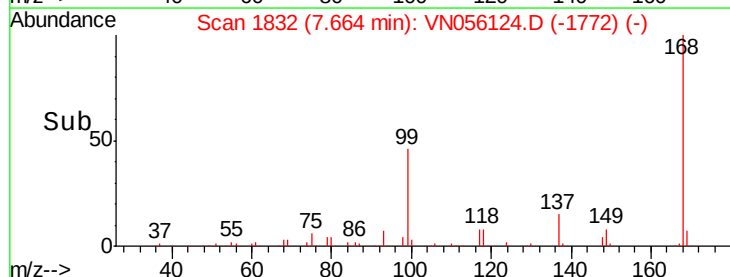


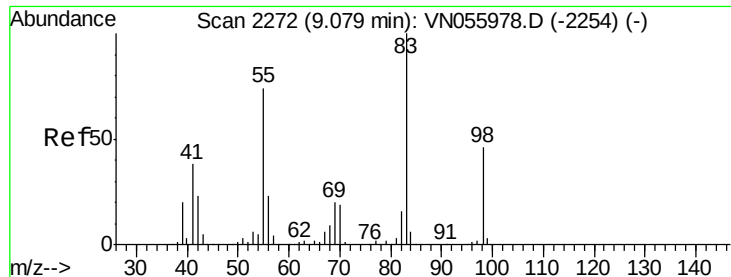
Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055978.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055978.D (-1847) (-)

Time-->

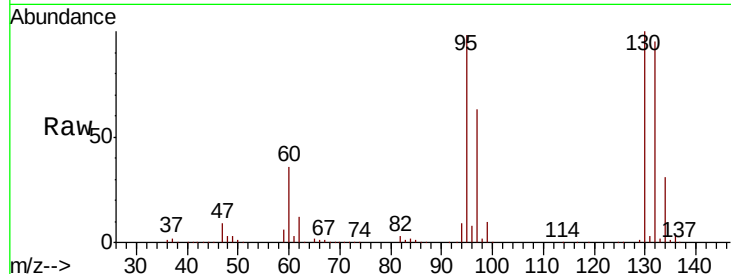




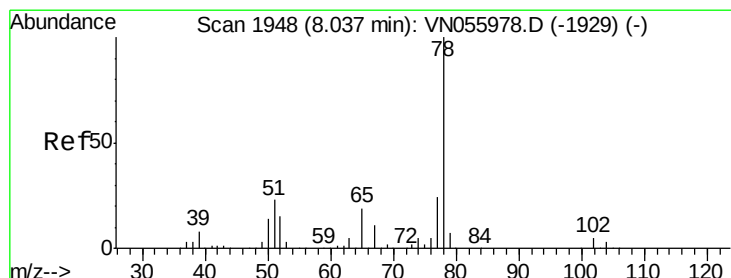
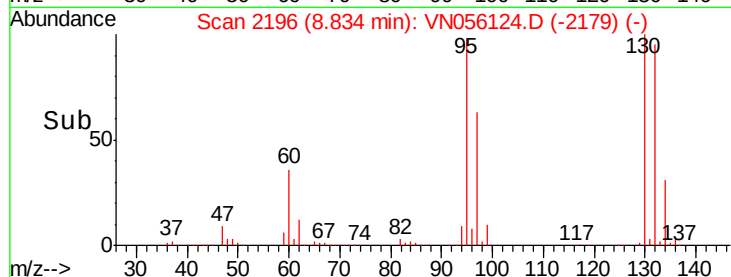
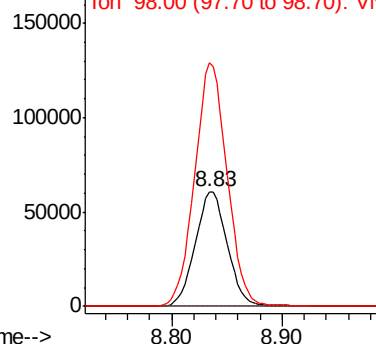
#39
Methylvlcyclohexane
Concen: 23.506 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605

Tot Ion: 83 Resp: 122315
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 212.2 36.6 54.8#

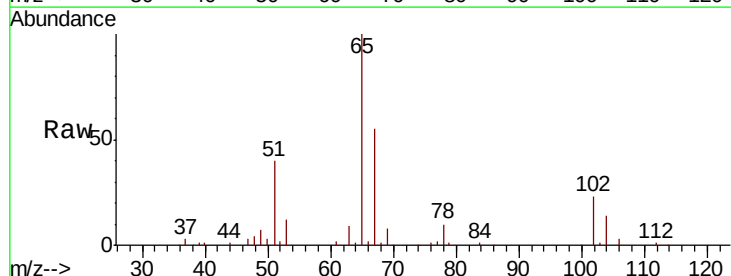


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

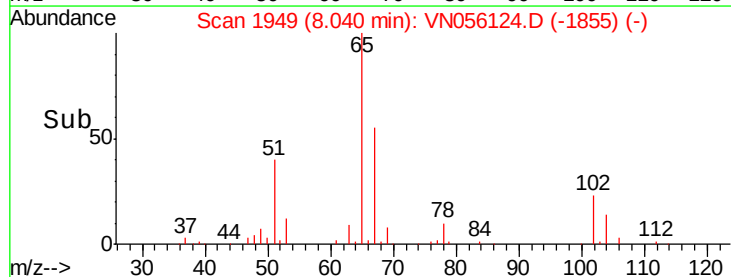
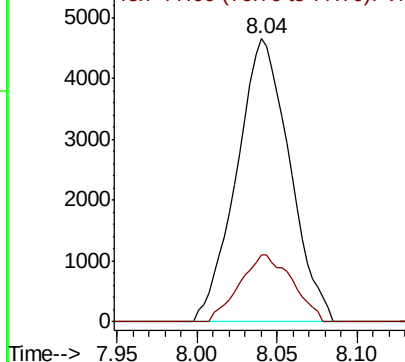


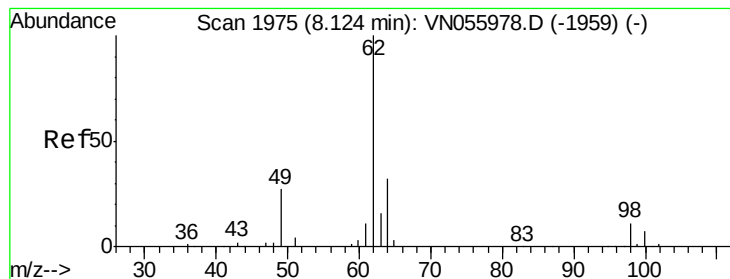
#40
Benzene
Concen: 0.831 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Tgt Ion: 78 Resp: 10544
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#42

1,2-Dichloroethane

Concen: 242.892 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

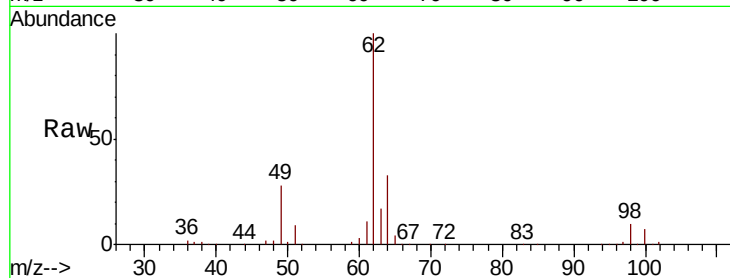
DUP-0532-190605

Tot Ion: 62 Resp: 991232

Ion Ratio Lower Upper

62 100

98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.12

400000

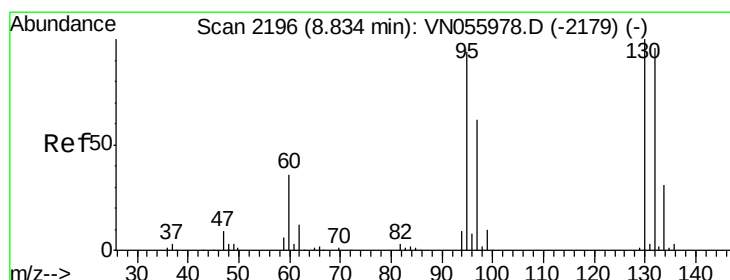
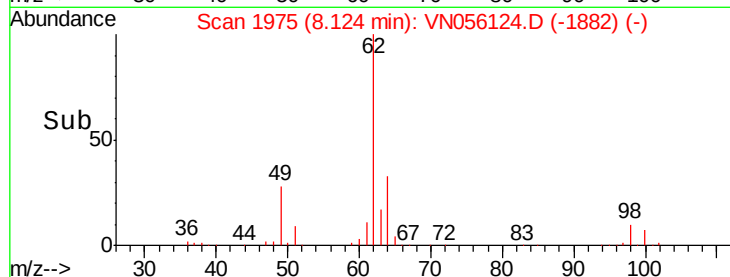
300000

200000

100000

0

Time-->



#44

Trichloroethene

Concen: 3049.832 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056124.D

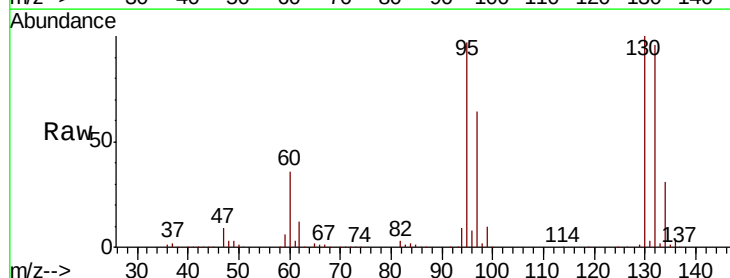
Acq: 8 Jun 2019 2:01

Tgt Ion:130 Resp:11118401

Ion Ratio Lower Upper

130 100

95 97.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

6000000

5000000

4000000

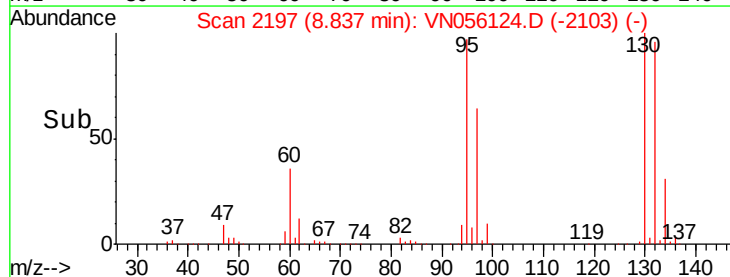
3000000

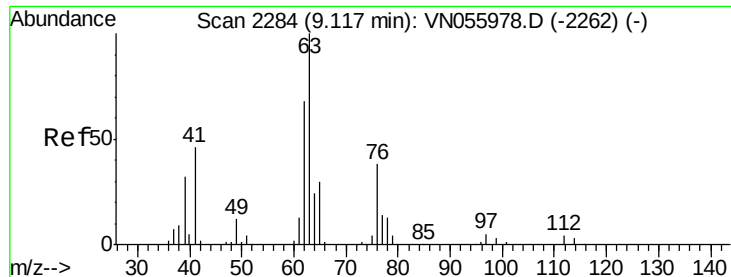
2000000

1000000

0

Time-->

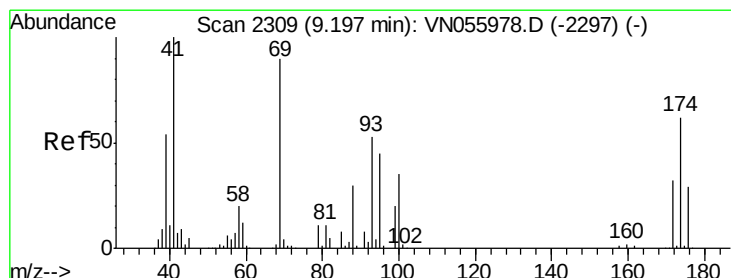
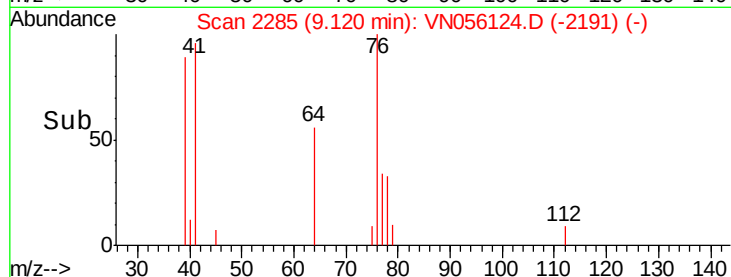
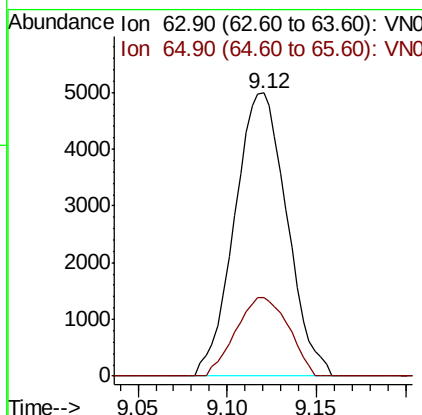
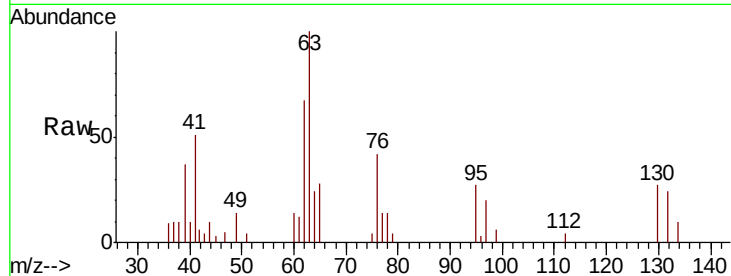




#45
 1,2-Dichloropropane
 Concen: 3.145 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056124.D
 Acq: 8 Jun 2019 2:01

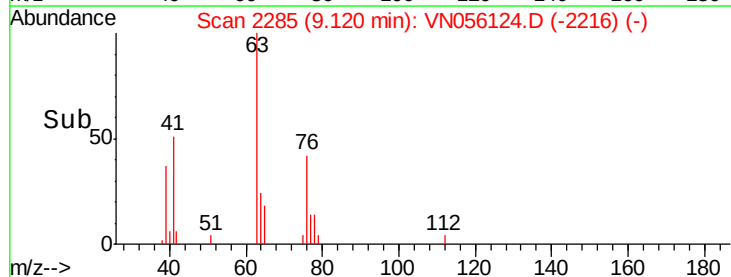
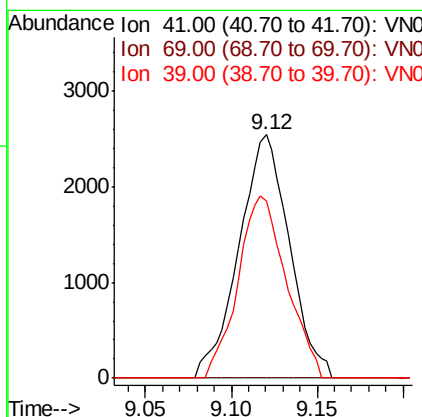
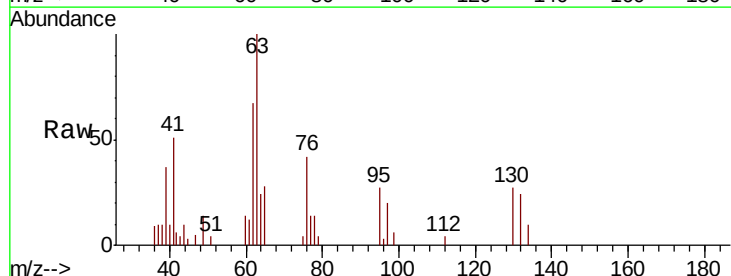
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605

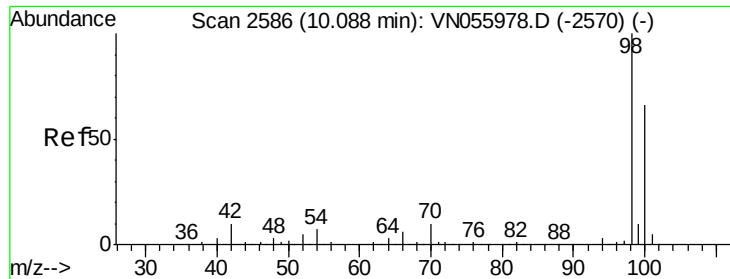
Tot Ion: 63 Resp: 10219
 Ion Ratio Lower Upper
 63 100
 65 27.9 24.6 36.8



#48
 Methyl methacrylate
 Concen: 1.756 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.08 min
 Lab File: VN056124.D
 Acq: 8 Jun 2019 2:01

Tgt Ion: 41 Resp: 5175
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 71.7 44.2 66.2#





#50

Toluene-d8

Concen: 53.602 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

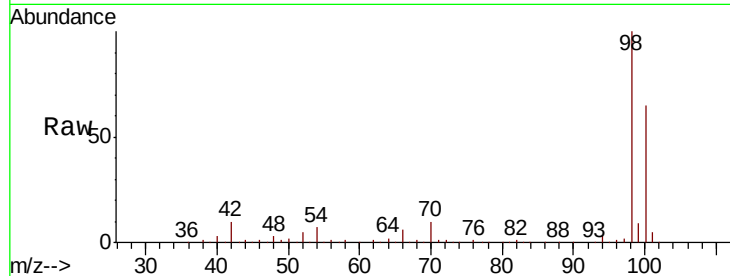
DUP-0532-190605

Tot Ion: 98 Resp: 614760

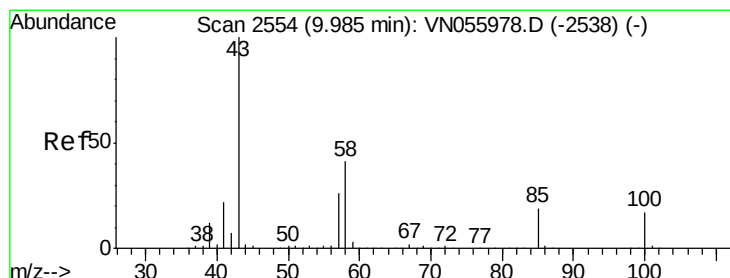
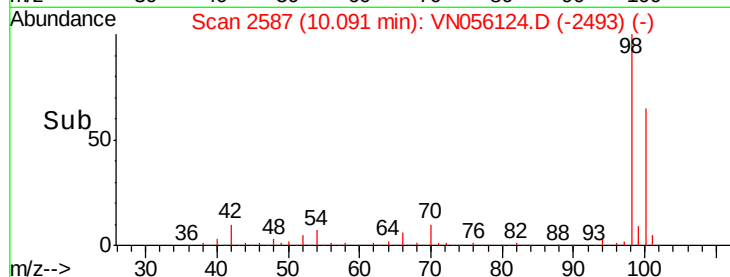
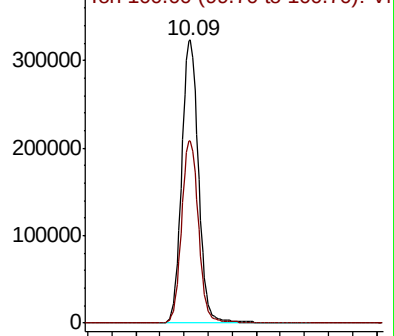
Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.695 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN056124.D

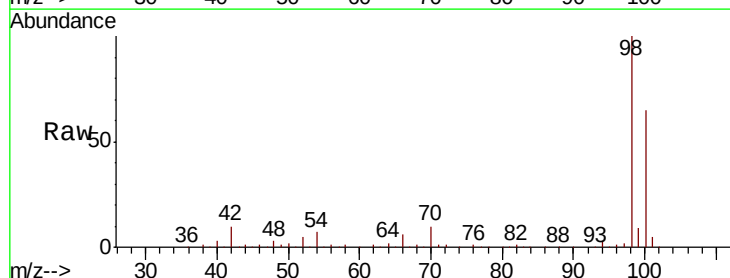
Acq: 8 Jun 2019 2:01

Tgt Ion: 43 Resp: 2616

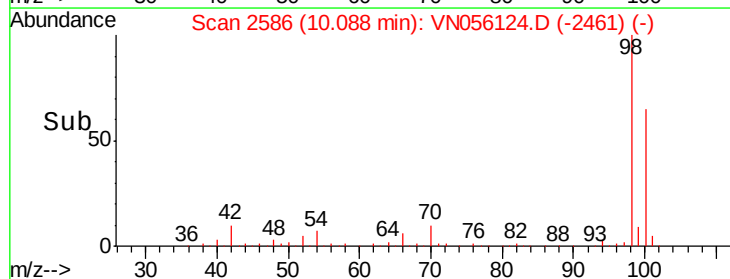
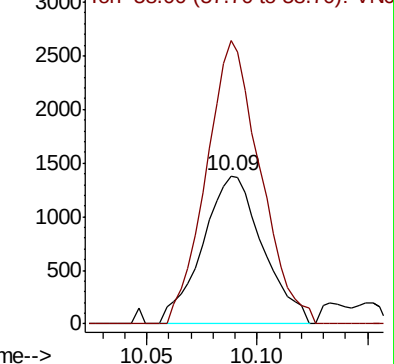
Ion Ratio Lower Upper

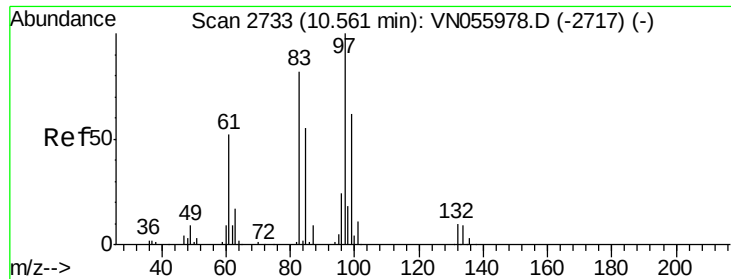
43 100

58 171.5 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

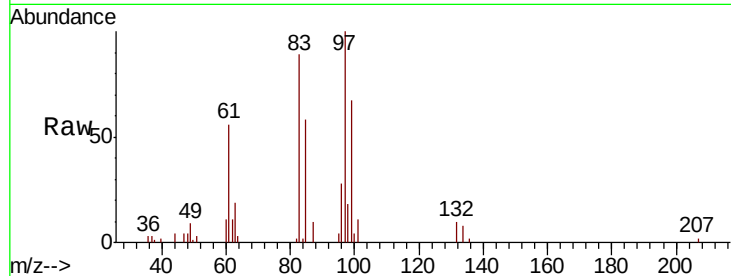




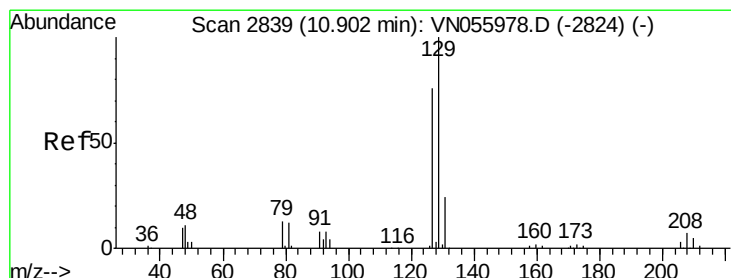
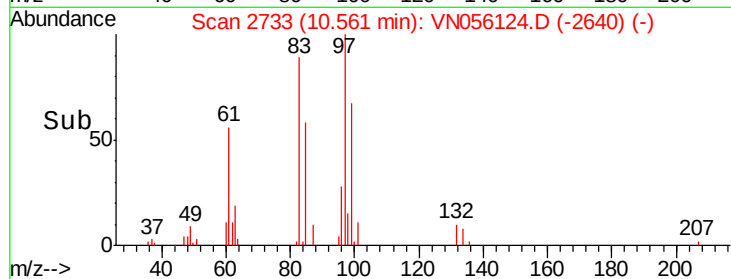
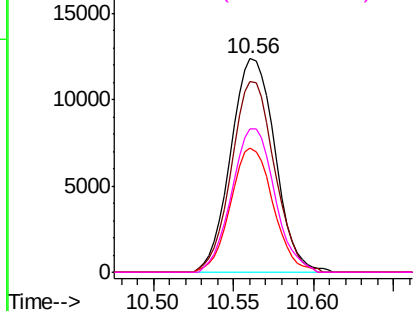
#55
 1,1,2-Trichloroethane
 Concen: 7.493 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056124.D
 Acq: 8 Jun 2019 2:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0532-190605

Tot Ion:	97	Resp:	23433
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.0	100.6
85	57.9	44.0	66.0
99	67.0	50.6	75.8

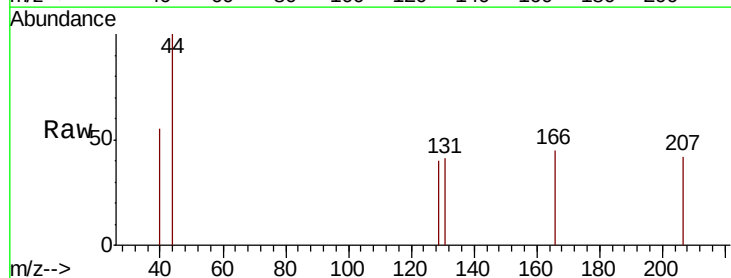


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

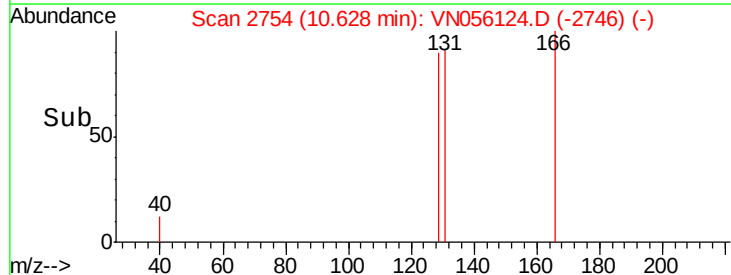
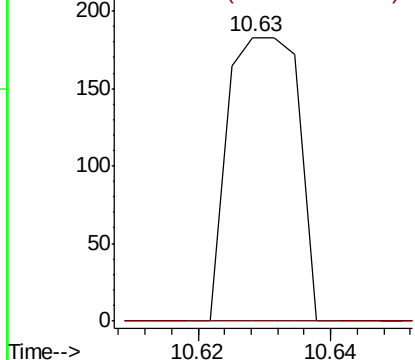


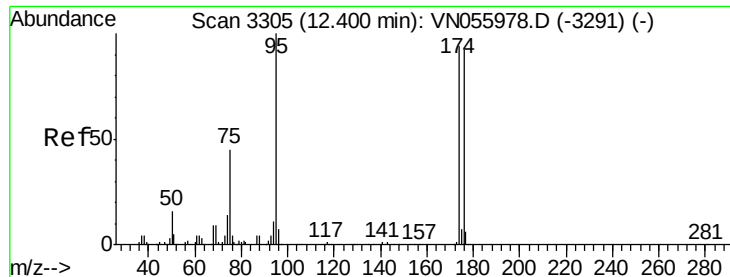
#60
 Dibromochloromethane
 Concen: 2.489 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN056124.D
 Acq: 8 Jun 2019 2:01

Tgt Ion:	129	Resp:	136
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.1	114.3#



Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

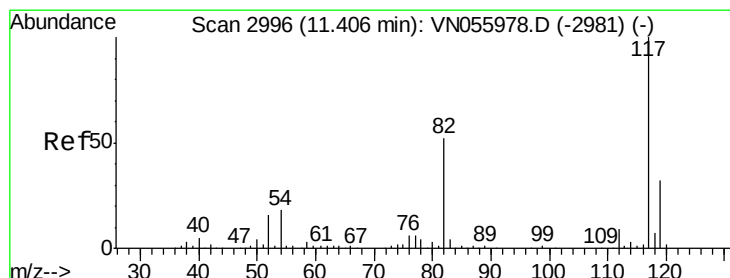
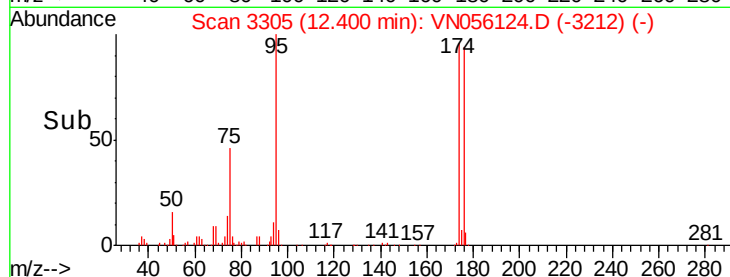
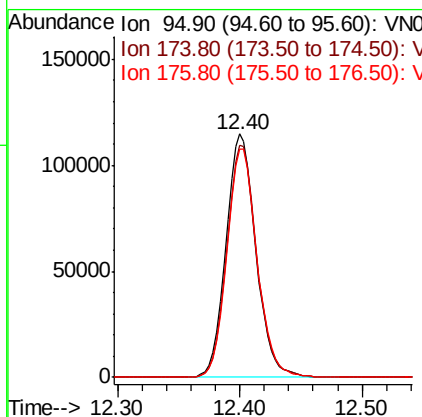
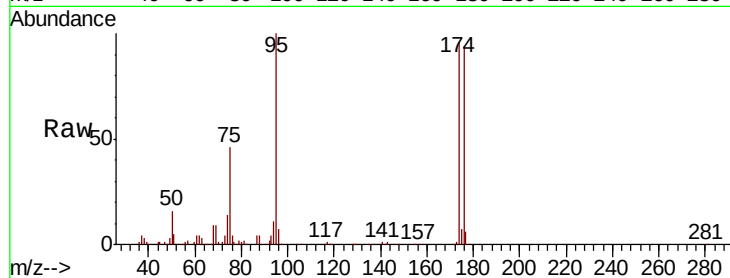




#62
4-Bromofluorobenzene
Concen: 50.383 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

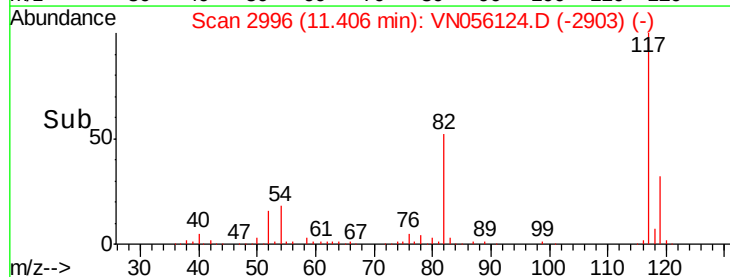
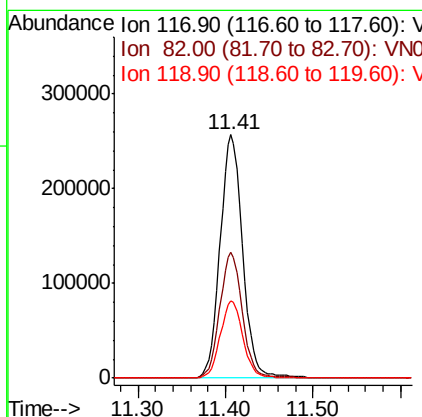
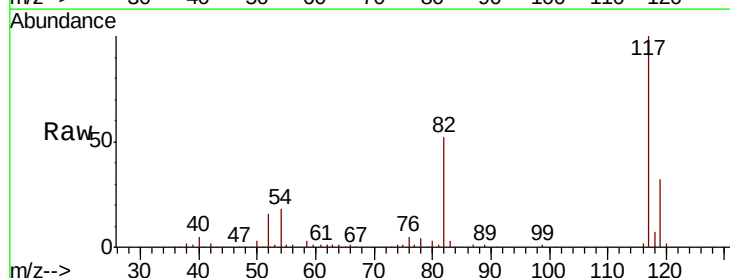
Instrument :
MSVOA_N
ClientSampleId :
DUP-0532-190605

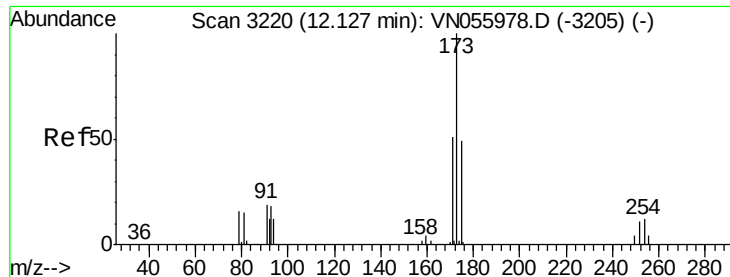
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	191.0
176	94.6	0.0	185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056124.D
Acq: 8 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	31.9	25.4	38.0





#71

Bromoform

Concen: 3.291 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-0532-190605

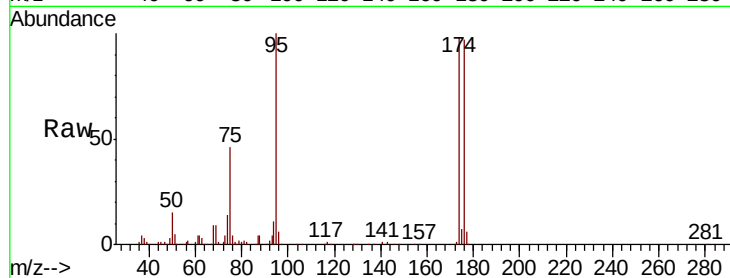
Tot Ion:173 Resp: 1541

Ion Ratio Lower Upper

173 100

175 779.6 24.3 72.8#

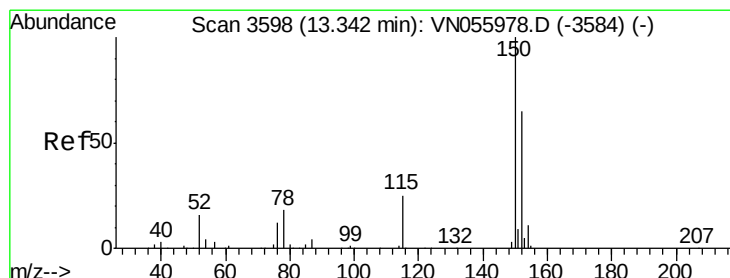
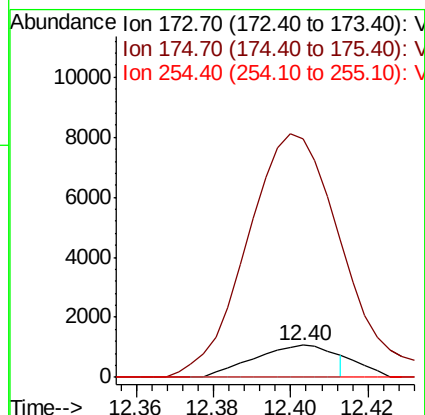
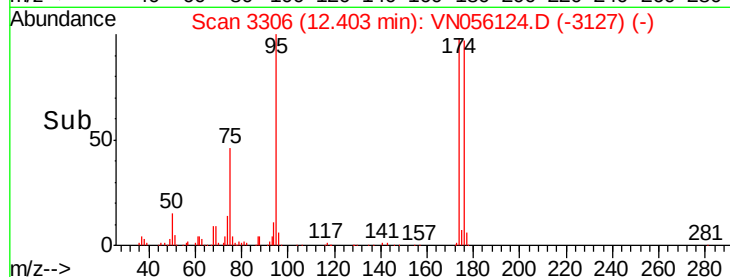
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

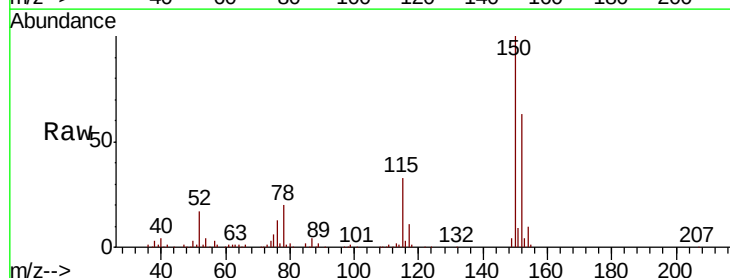
Tgt Ion:152 Resp: 152236

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

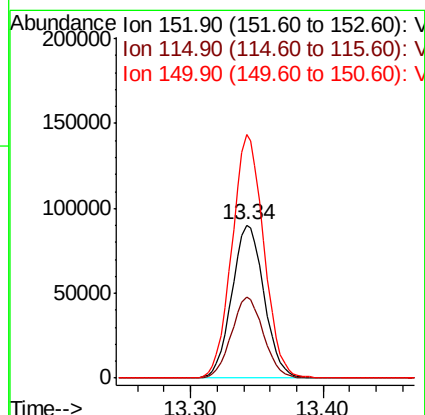
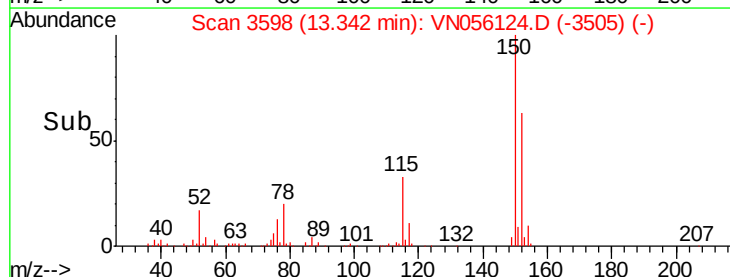
150 157.3 0.0 343.2

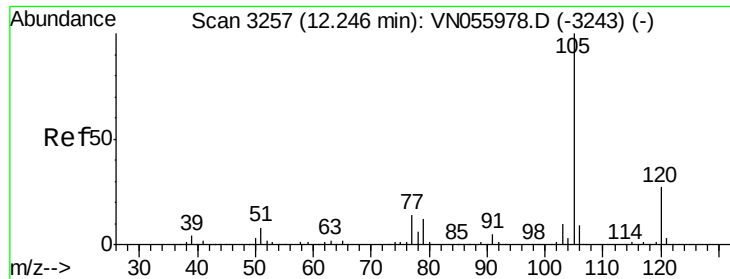


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

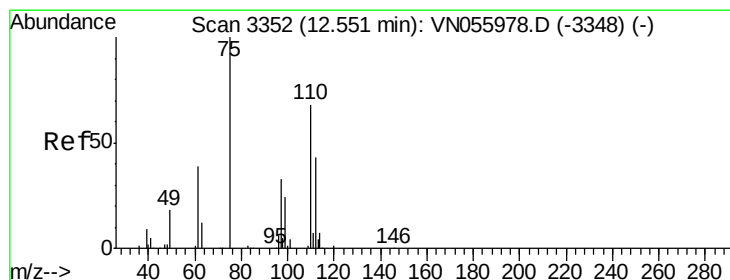
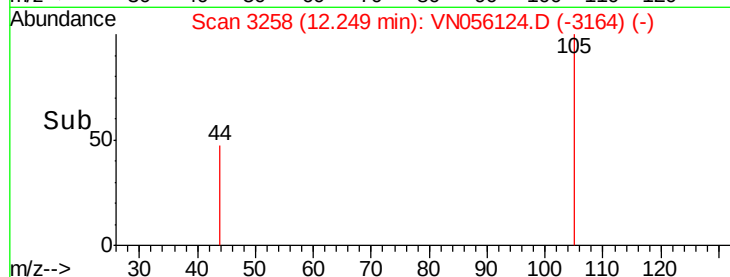
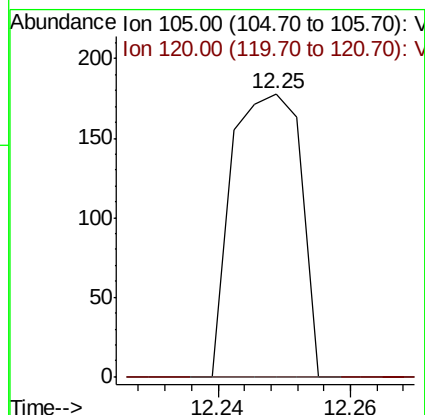
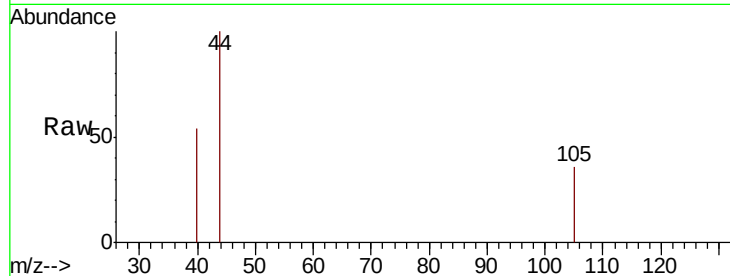
DUP-0532-190605

Tot Ion:105 Resp: 129

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 32.097 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056124.D

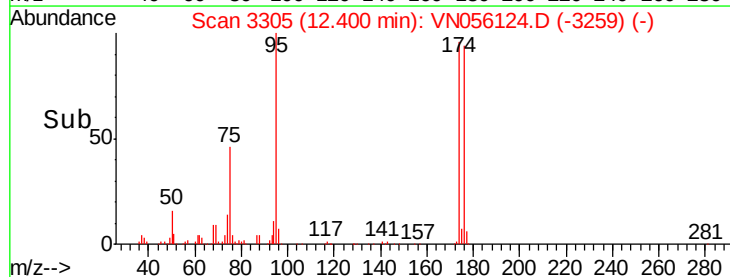
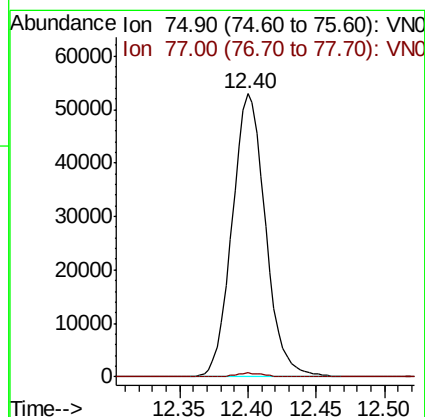
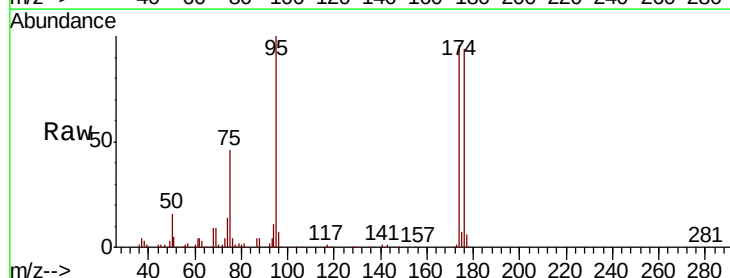
Acq: 8 Jun 2019 2:01

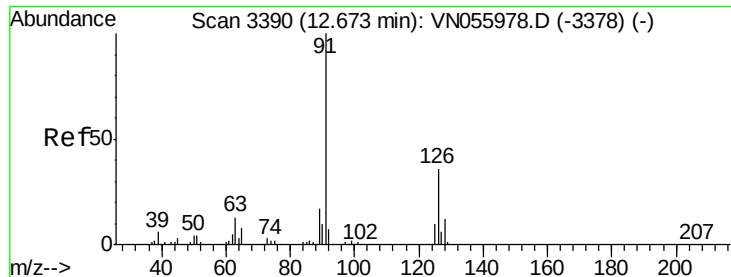
Tgt Ion: 75 Resp: 89911

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

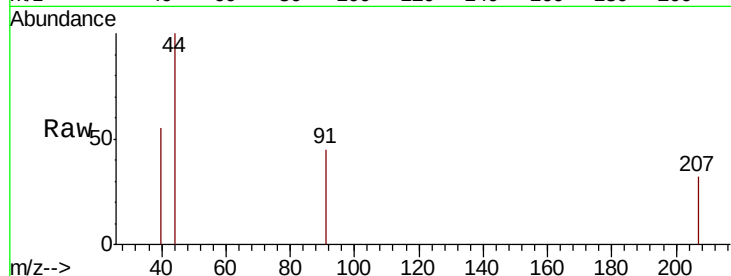
DUP-0532-190605

Tot Ion: 91 Resp: 181

Ion Ratio Lower Upper

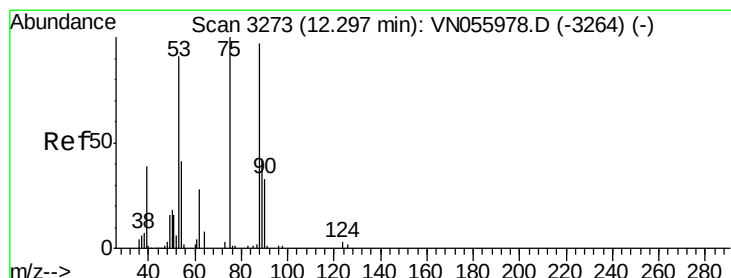
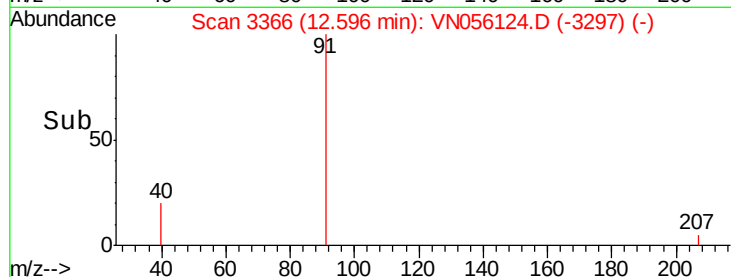
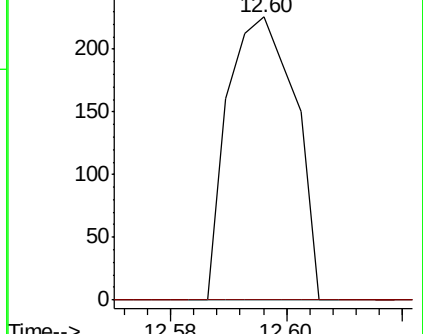
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.890 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

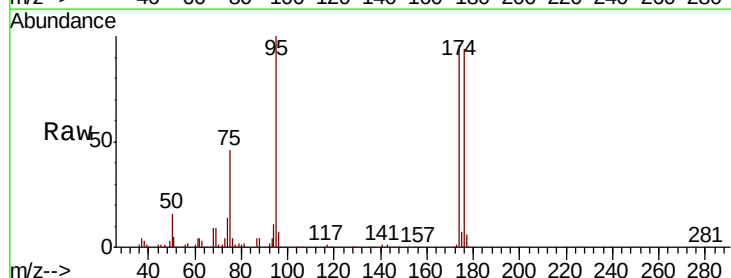
Tgt Ion: 75 Resp: 89911

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

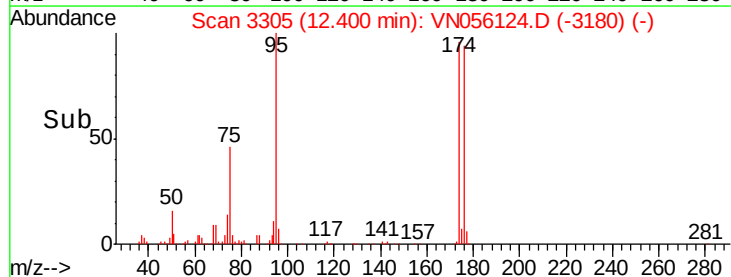
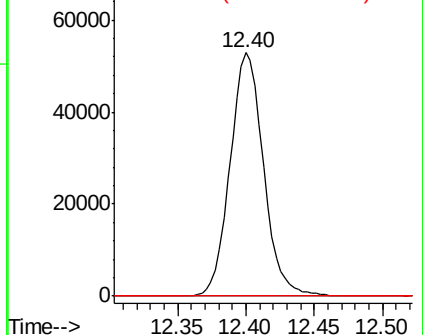
89 0.0 36.9 55.3#

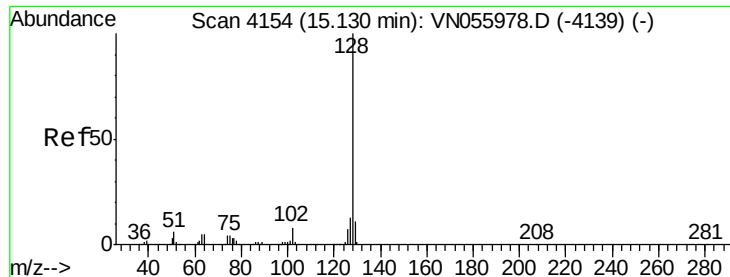


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 3.903 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-0532-190605

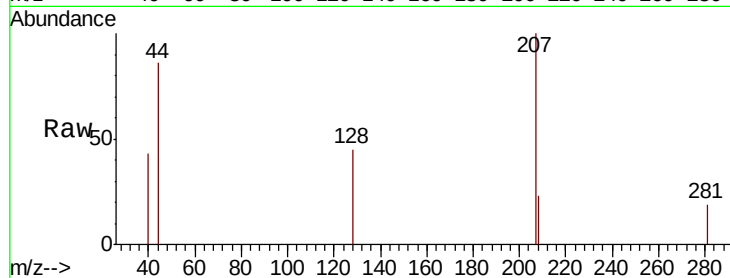
Tot Ion:128 Resp: 406

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

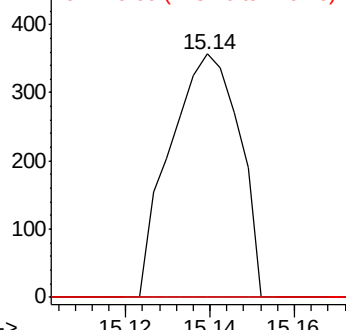
129 0.0 8.7 13.1#



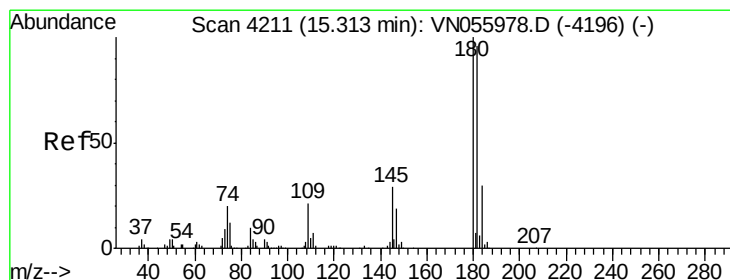
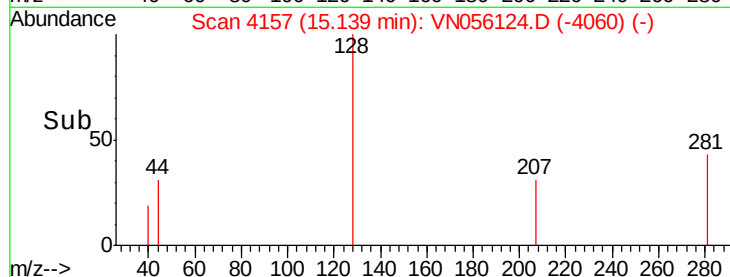
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.041 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056124.D

Acq: 8 Jun 2019 2:01

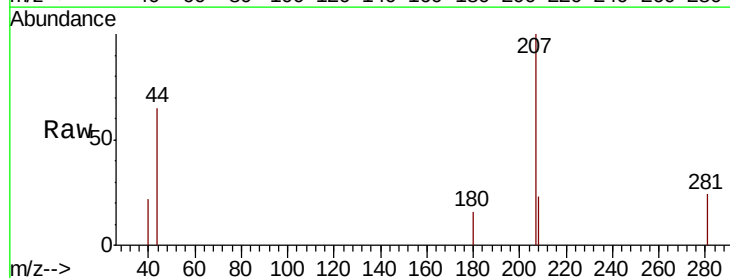
Tgt Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

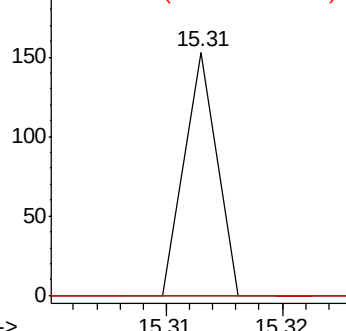
145 0.0 14.9 44.7#



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



Time-->

