

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012430.D
 Acq On : 01 Sep 2019 05:48
 Operator : SY/VA
 Sample : K4516-08
 Misc : 7.25G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(0)

Quant Time: Sep 01 06:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1548	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	1528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	1357	73.74	ug/l	0.00
Spiked Amount			Recovery	=	147.48%	
35) Dibromofluoromethane	7.88	113	928	101.75	ug/l	0.00
Spiked Amount			Recovery	=	203.50%	
50) Toluene-d8	10.33	98	1150	31.10	ug/l	0.00
Spiked Amount			Recovery	=	62.20%	
62) 4-Bromofluorobenzene	12.63	95	183	14.04	ug/l	0.02
Spiked Amount			Recovery	=	28.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	21	2.203	ug/l #	43
3) Chloromethane	2.20	50	78	5.282	ug/l #	25
4) Vinyl Chloride	2.35	62	19	1.051	ug/l #	23
5) Bromomethane	2.77	94	26	2.840	ug/l #	4
6) Chloroethane	2.96	64	97	9.513	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	4.10	101	22	1.426	ug/l #	20
11) Tert butyl alcohol	5.06	59	20	18.060	ug/l #	71
12) 1,1-Dichloroethene	4.09	96	31	1.997	ug/l #	1
13) Acrolein	3.83	56	42	40.290	ug/l #	15
15) Acrylonitrile	5.26	53	72	16.862	ug/l #	17
16) Acetone	4.12	43	474	100.767	ug/l #	47
18) Methyl Acetate	4.69	43	42	3.605	ug/l #	23
19) Methyl tert-butyl Ether	5.37	73	55	2.190	ug/l #	52
20) Methylene Chloride	4.92	84	574	32.279	ug/l #	57
21) trans-1,2-Dichloroethene	5.33	96	22	1.321	ug/l #	1
23) Vinyl Acetate	6.30	43	79	2.086	ug/l #	77
25) 2-Butanone	7.20	43	22	3.442	ug/l #	56
27) cis-1,2-Dichloroethene	7.02	96	27	1.518	ug/l #	1
28) Bromochloromethane	7.62	49	23	1.575	ug/l #	24
29) Tetrahydrofuran	7.49	42	20	5.215	ug/l #	42
30) Chloroform	7.54	83	41	1.338	ug/l #	19
31) Cyclohexane	7.94	56	65	1.961	ug/l #	21
36) 1,1-Dichloropropene	8.13	75	22	1.393	ug/l #	44
37) Ethyl Acetate	7.26	43	22	2.543	ug/l #	73
38) Carbon Tetrachloride	7.95	117	123	9.000	ug/l #	12
41) Methacrylonitrile	7.49	41	20	3.933	ug/l #	27
42) 1,2-Dichloroethane	8.40	62	22	1.628	ug/l #	1
43) Isopropyl Acetate	8.41	43	48	2.995	ug/l #	55
47) Bromodichloromethane	9.89	83	45	3.275	ug/l #	26
48) Methyl methacrylate	9.44	41	19	2.491	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	20	2.453	ug/l #	40
54) cis-1,3-Dichloropropene	10.27	75	22	1.302	ug/l #	28
58) 2-Chloroethyl Vinyl ether	10.04	63	21	3.849	ug/l #	50
59) 2-Hexanone	11.01	43	104	18.030	ug/l	75

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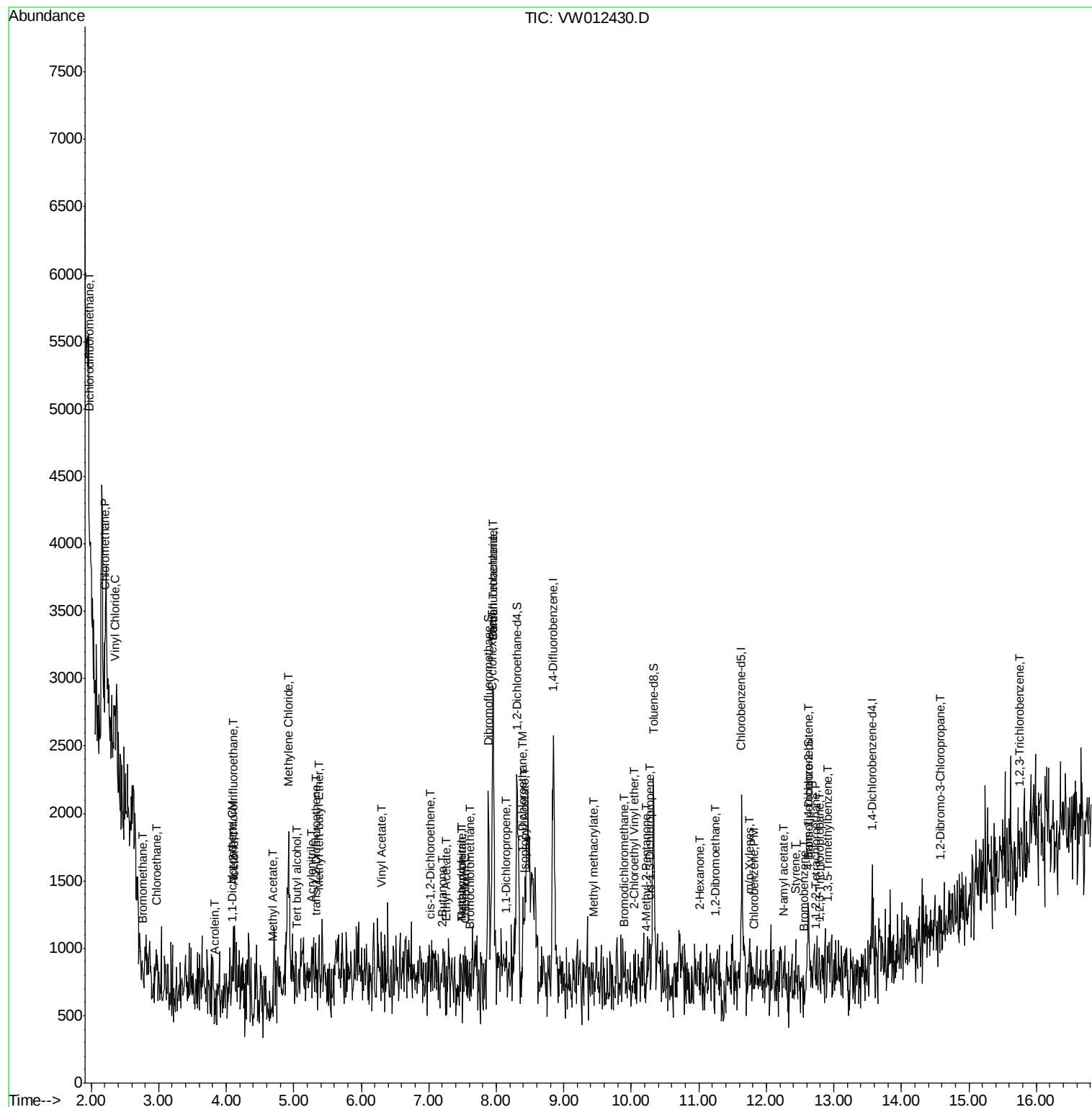
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	11.25	107	21	3.086	ug/l #	3
65) Chlorobenzene	11.83	112	19	1.197	ug/l #	42
68) m/p-Xylenes	11.74	106	30	2.724	ug/l #	1
70) Styrene	12.44	104	19	1.077	ug/l #	25
74) N-amyl acetate	12.25	43	48	11.650	ug/l #	23
75) 1,1,2,2-Tetrachloroethane	12.73	83	20	7.999	ug/l #	26
76) 1,2,3-Trichloropropane	12.80	75	24	13.540	ug/l #	100
77) Bromobenzene	12.55	156	19	6.440	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.91	105	21	1.843	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.62	75	94	116.272	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.57	75	25	59.314	ug/l #	5
96) 1,2,3-Trichlorobenzene	15.74	180	19	6.225	ug/l #	13

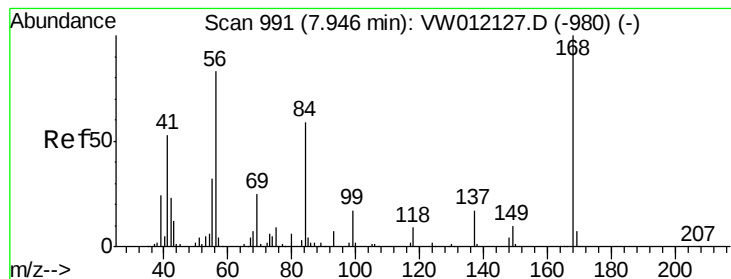
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

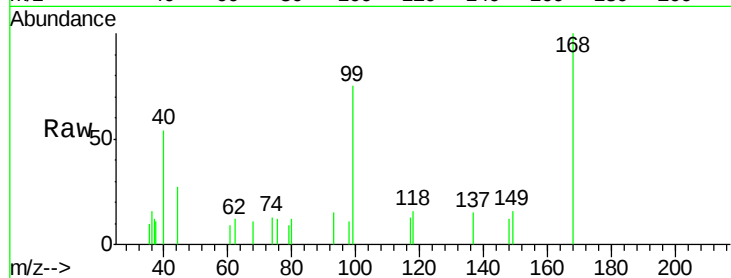
T1-S-E(0)

Tot Ion:168 Resp: 1548

Ion Ratio Lower Upper

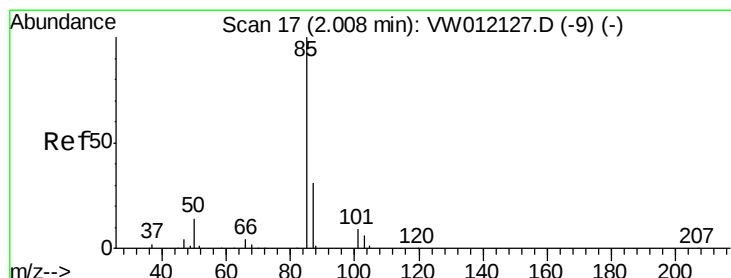
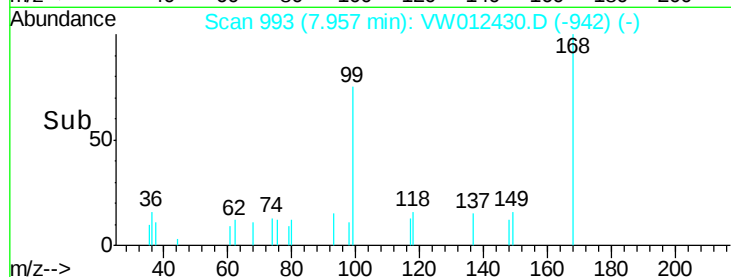
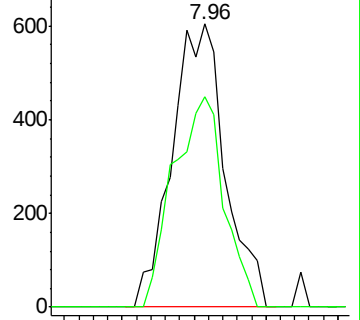
168 100

99 74.5 49.2 73.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 2.203 ug/l

RT: 1.98 min Scan# 13

Delta R.T. -0.02 min

Lab File: VW012430.D

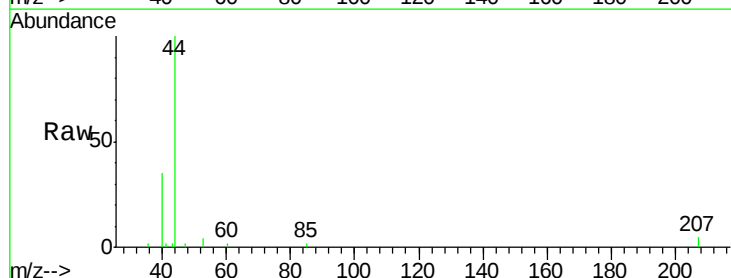
Acq: 01 Sep 2019 05:48

Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

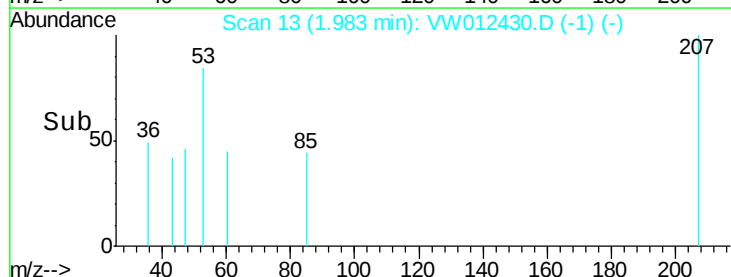
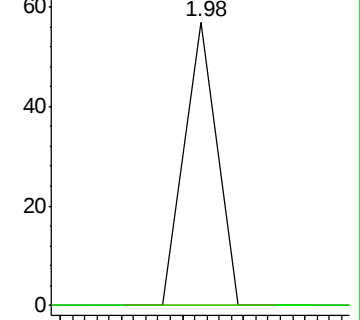
85 100

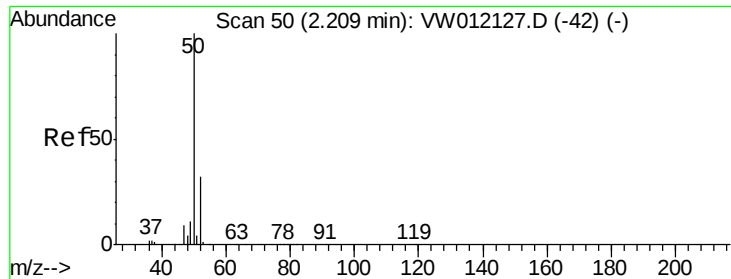
87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 5.282 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

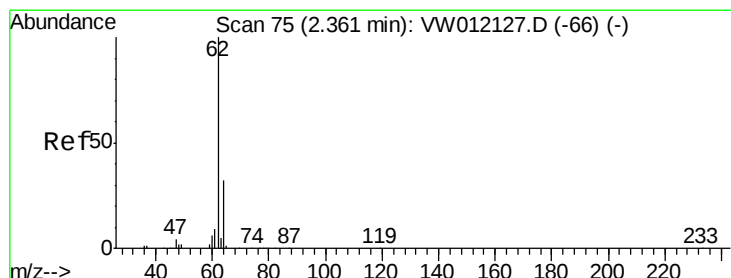
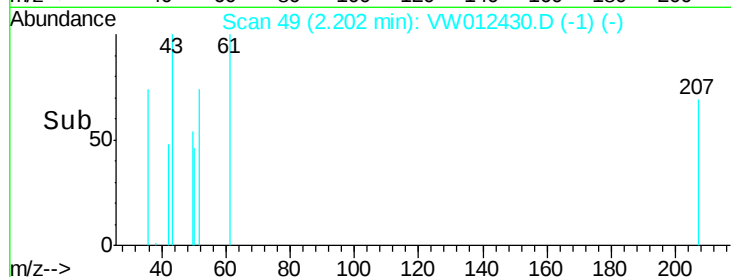
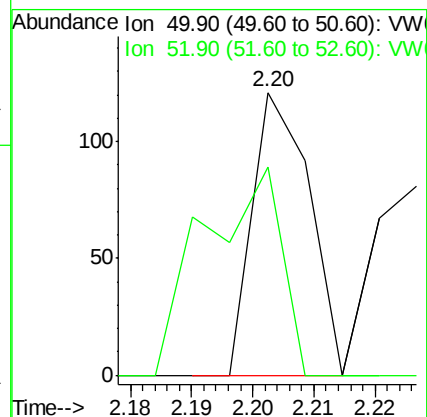
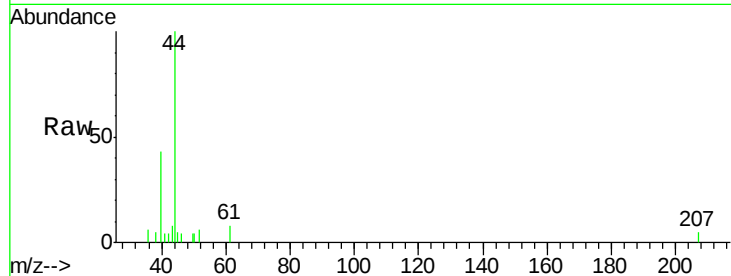
T1-S-E(0)

Tot Ion: 50 Resp: 78

Ion Ratio Lower Upper

50 100

52 73.6 25.5 38.3#



#4

Vinyl Chloride

Concen: 1.051 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW012430.D

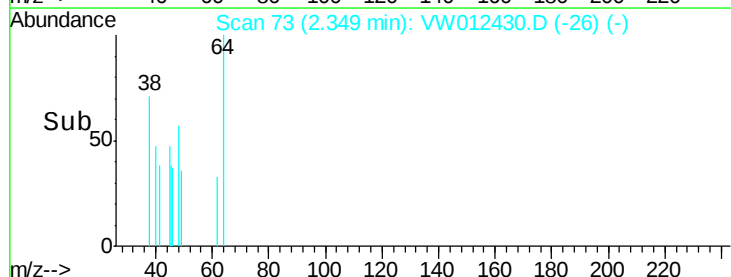
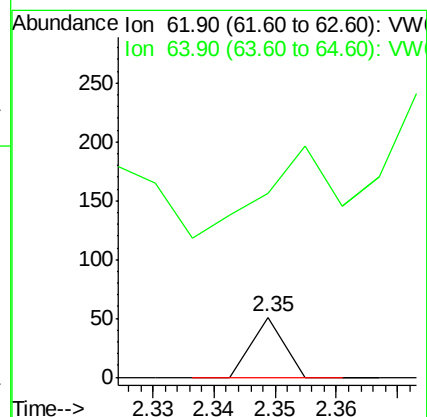
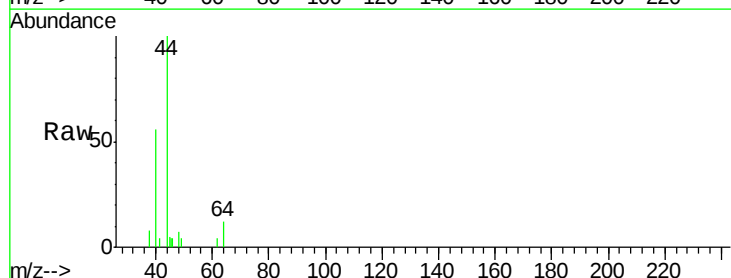
Acq: 01 Sep 2019 05:48

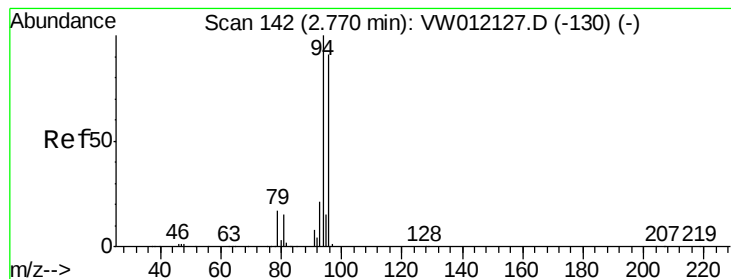
Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

62 100

64 74.5 25.3 37.9#





#5

Bromomethane

Concen: 2.840 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

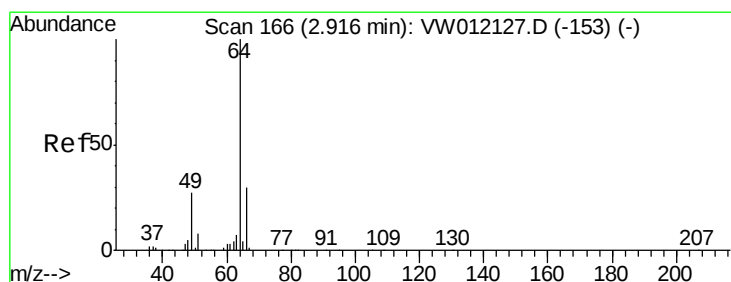
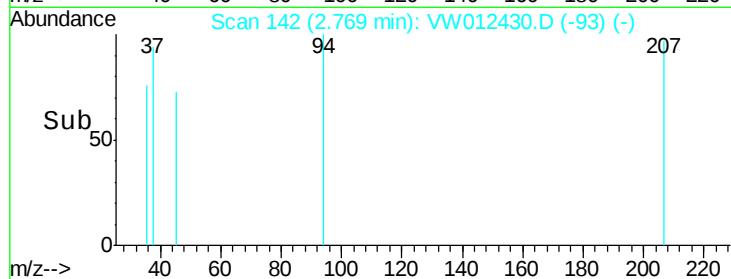
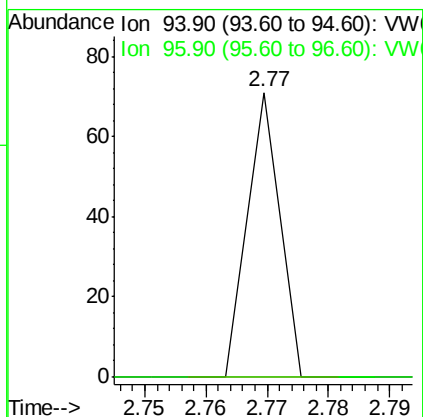
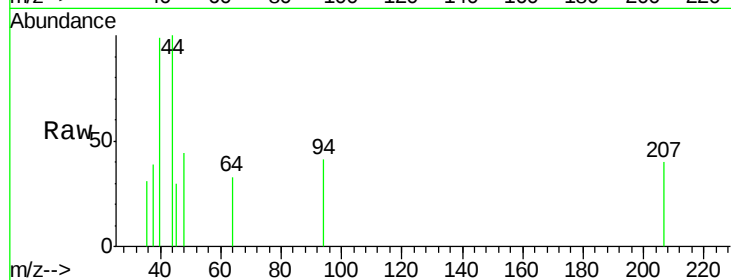
T1-S-E(0)

Tot Ion: 94 Resp: 26

Ion Ratio Lower Upper

94 100

96 0.0 72.9 109.3#



#6

Chloroethane

Concen: 9.513 ug/l

RT: 2.96 min Scan# 173

Delta R.T. 0.04 min

Lab File: VW012430.D

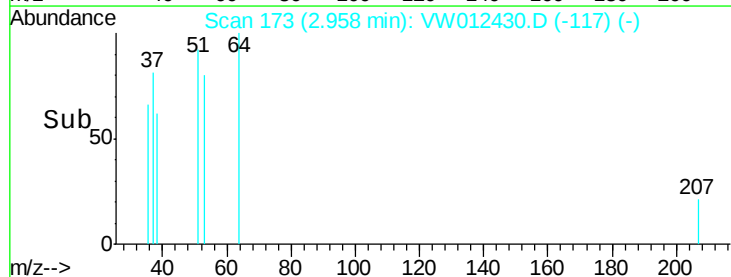
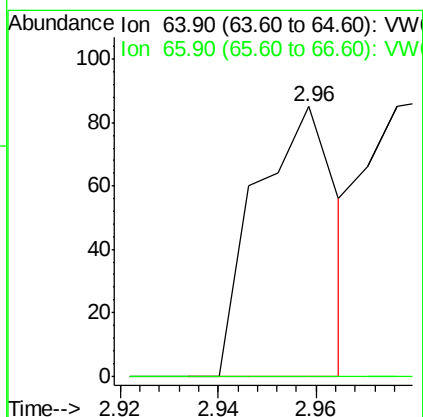
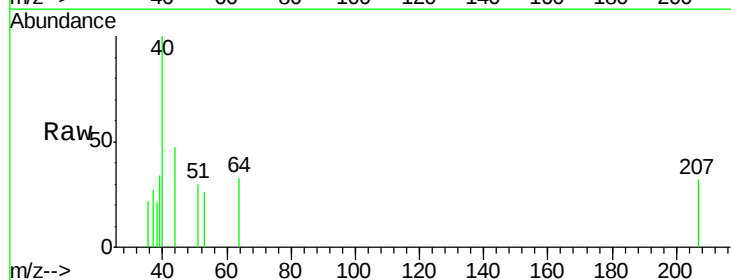
Acq: 01 Sep 2019 05:48

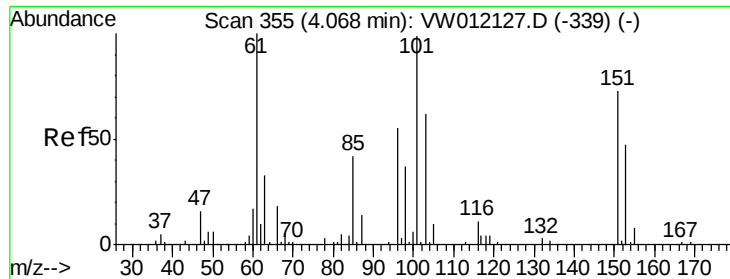
Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.426 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.04 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

T1-S-E(0)

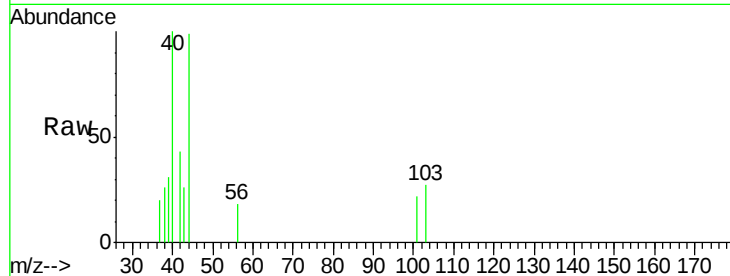
Tot Ion:101 Resp: 22

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

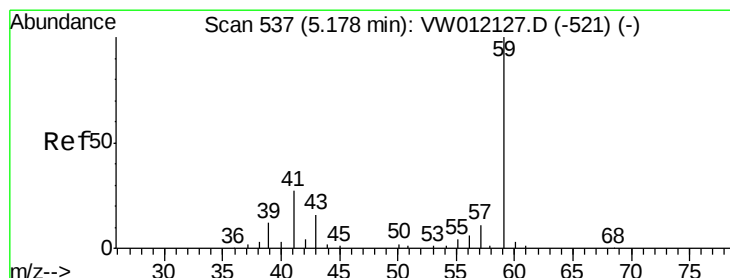
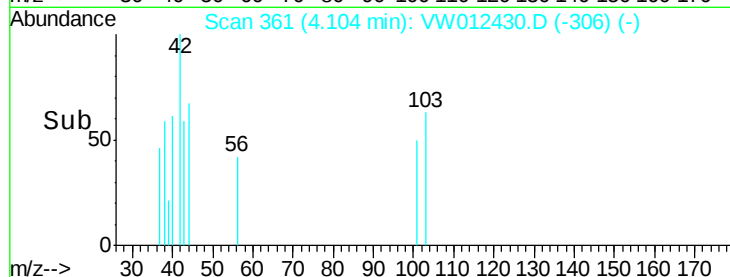
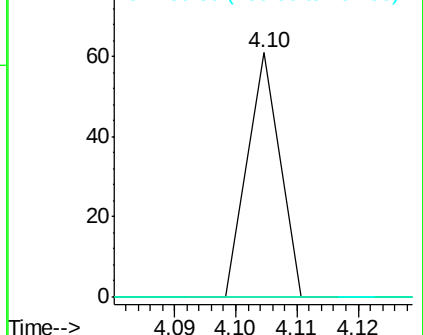
151 0.0 58.6 87.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 18.060 ug/l

RT: 5.06 min Scan# 517

Delta R.T. -0.12 min

Lab File: VW012430.D

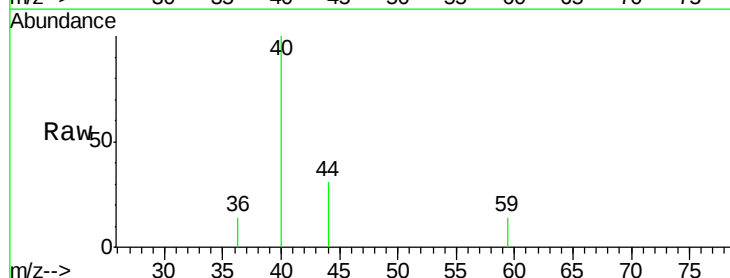
Acq: 01 Sep 2019 05:48

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

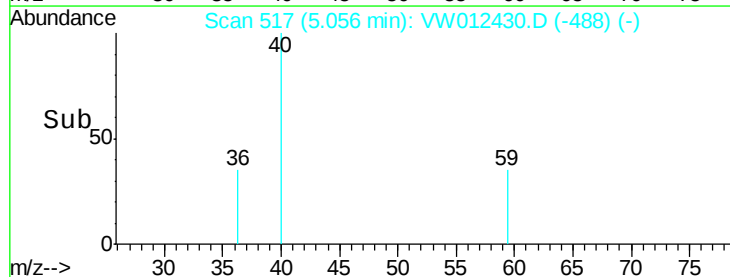
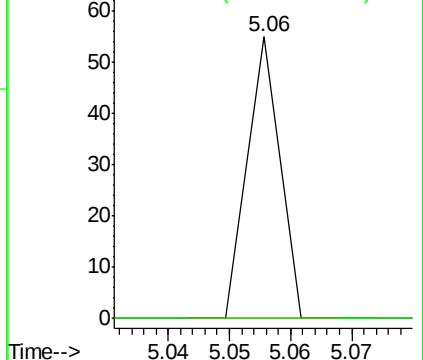
59 100

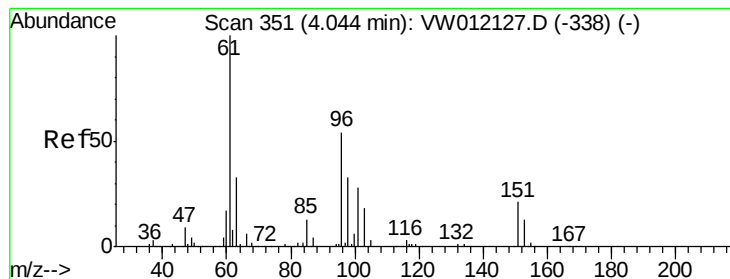
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 1.997 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.04 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

T1-S-E(0)

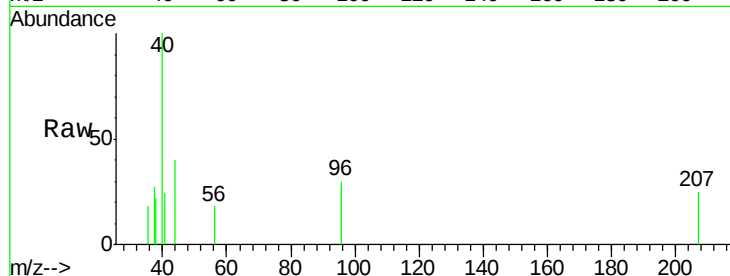
Tot Ion: 96 Resp: 31

Ion Ratio Lower Upper

96 100

61 0.0 149.1 223.7#

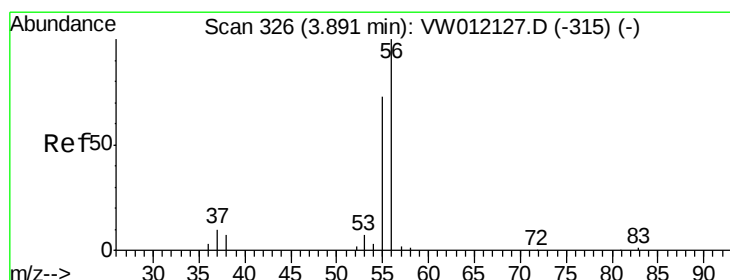
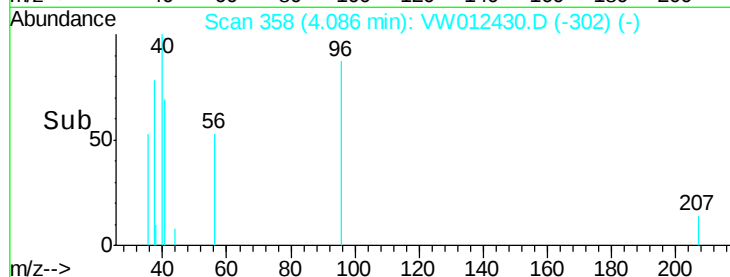
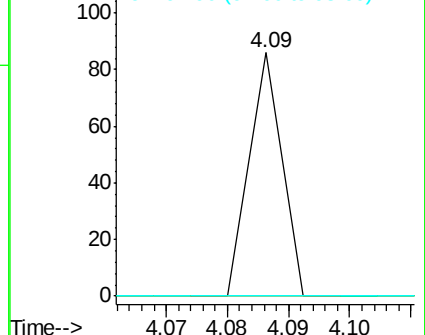
98 0.0 49.4 74.2#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#13

Acrolein

Concen: 40.290 ug/l

RT: 3.83 min Scan# 316

Delta R.T. -0.06 min

Lab File: VW012430.D

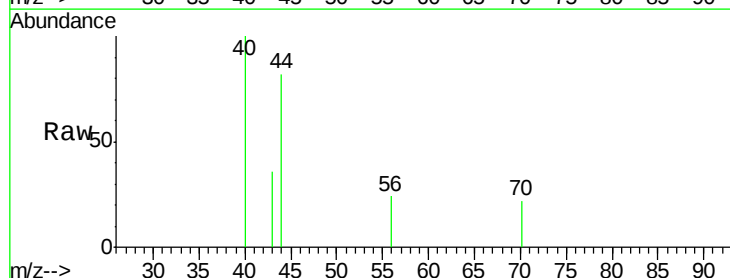
Acq: 01 Sep 2019 05:48

Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

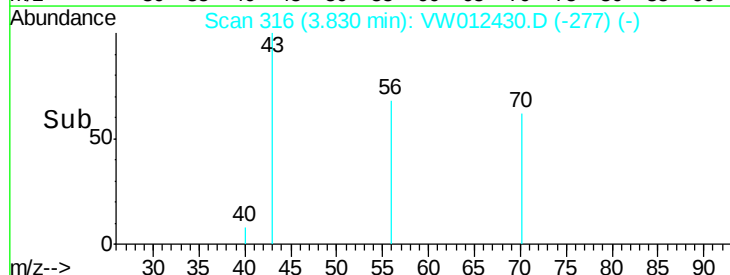
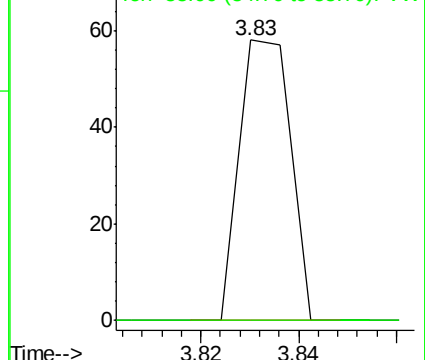
56 100

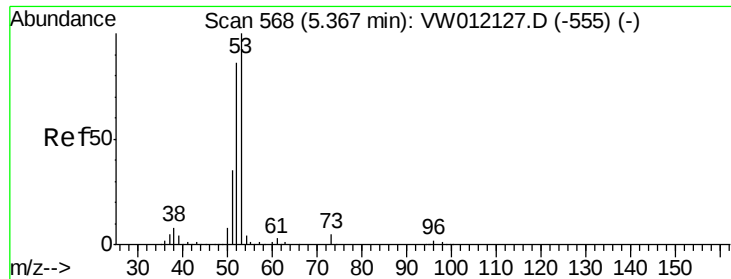
55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#15

Acrylonitrile

Concen: 16.862 ug/l

RT: 5.26 min Scan# 551

Delta R.T. -0.10 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

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ClientSampleId :

T1-S-E(0)

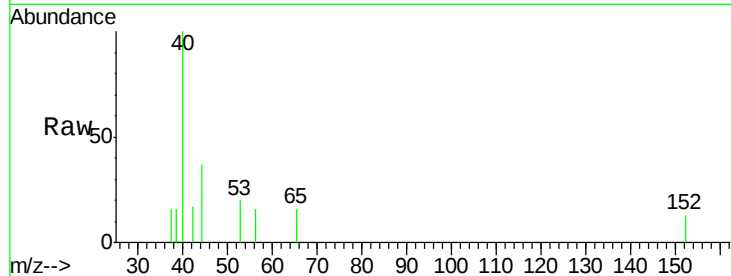
Tot Ion: 53 Resp: 72

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

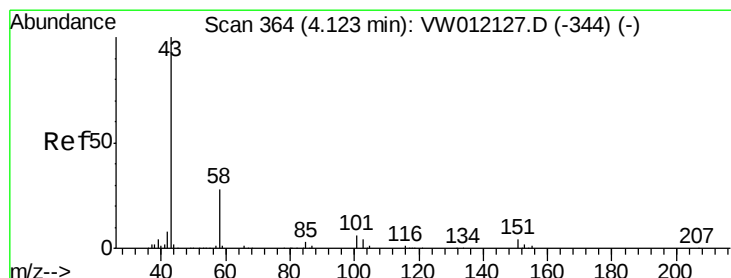
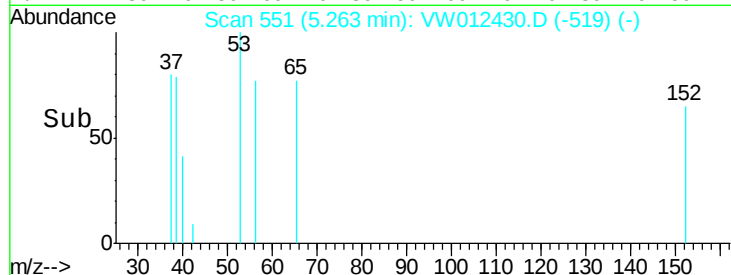
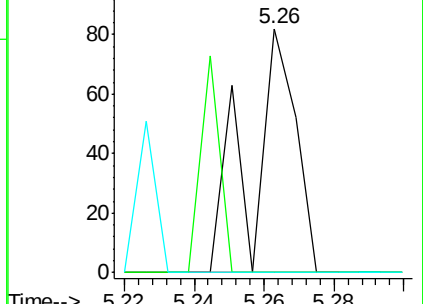
51 0.0 30.1 45.1#



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.767 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012430.D

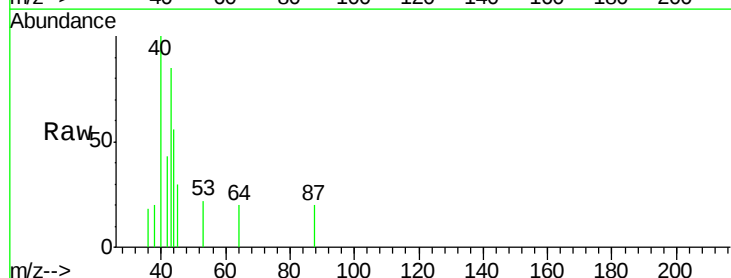
Acq: 01 Sep 2019 05:48

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

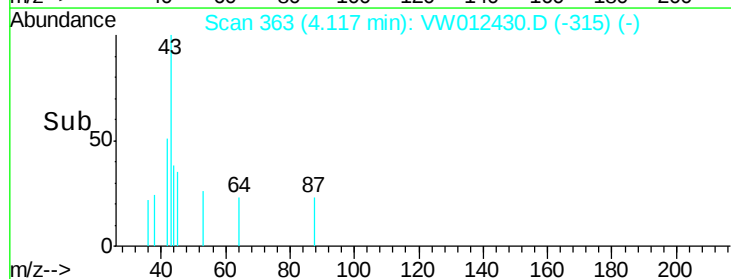
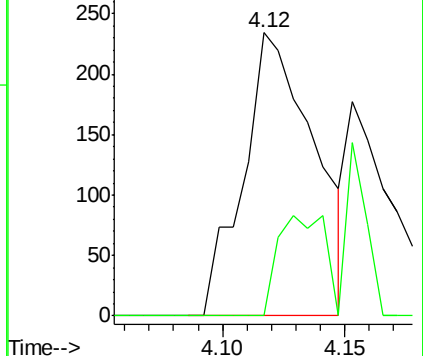
43 100

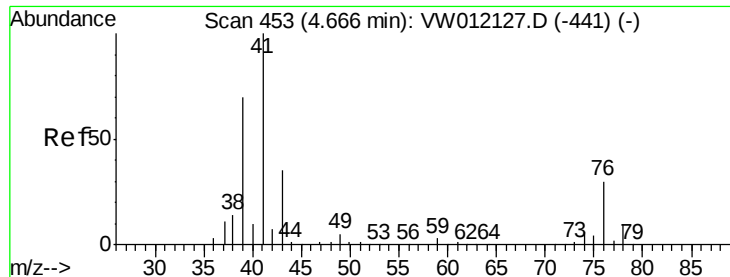
58 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

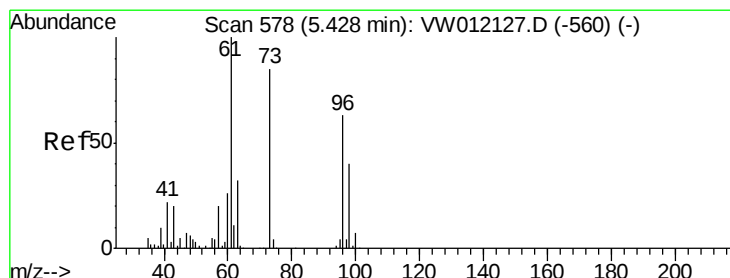
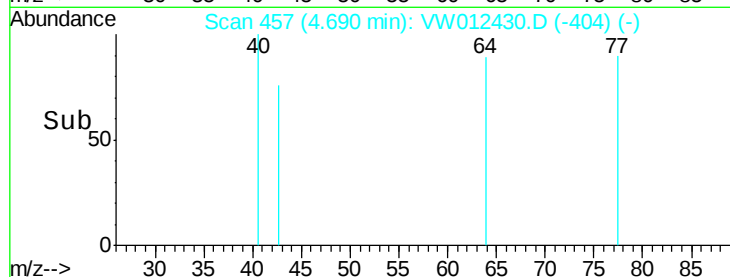
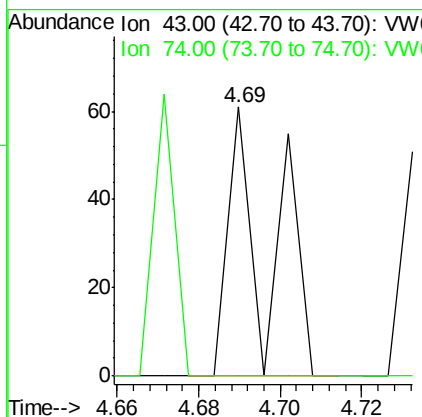
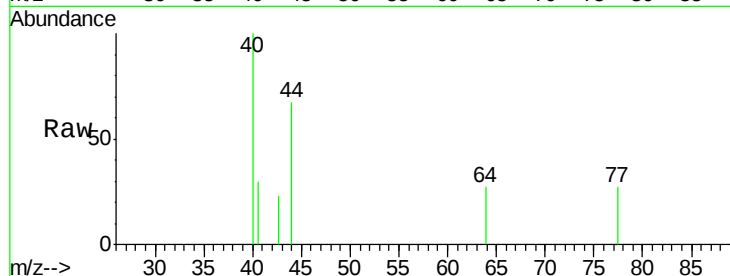




#18
Methyl Acetate
Concen: 3.605 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

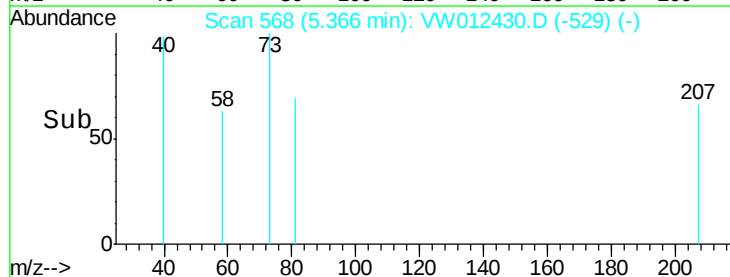
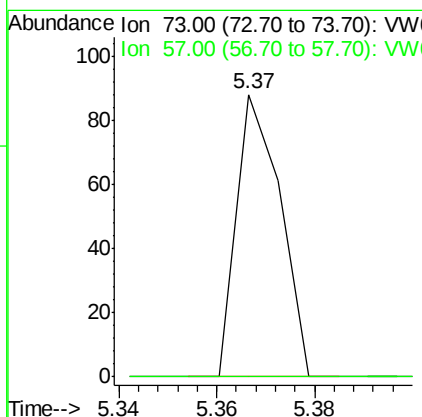
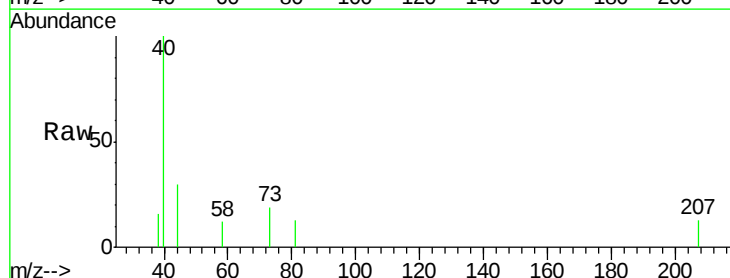
Instrument :
MSVOA_W
ClientSampled :
T1-S-E(0)

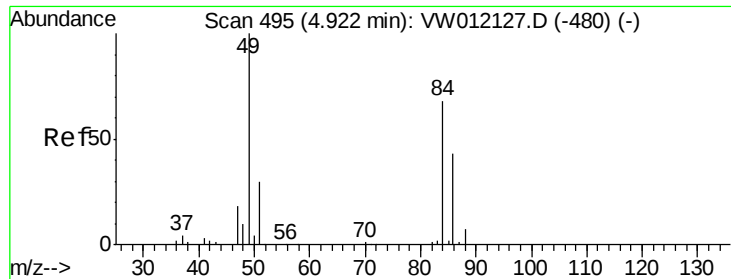
Tot Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 54.8 15.7 23.5#



#19
Methyl tert-butyl Ether
Concen: 2.190 ug/l
RT: 5.37 min Scan# 568
Delta R.T. -0.06 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion: 73 Resp: 55
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3#

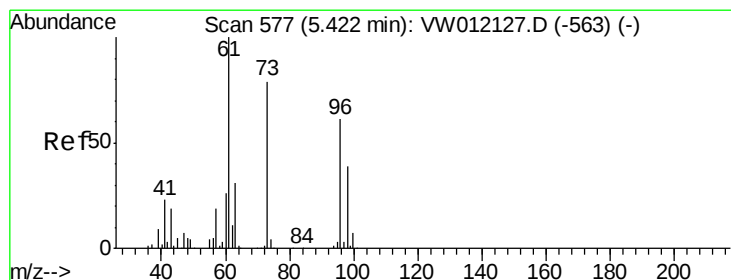
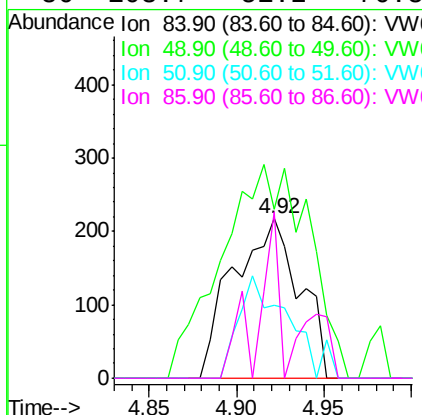
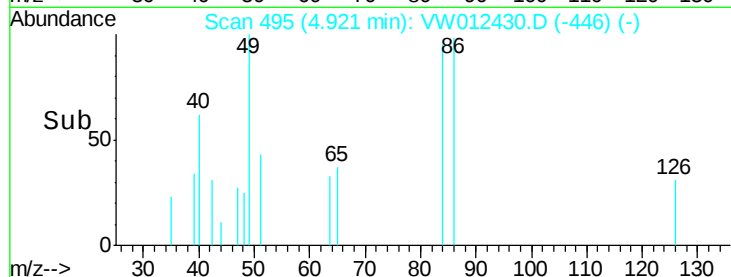
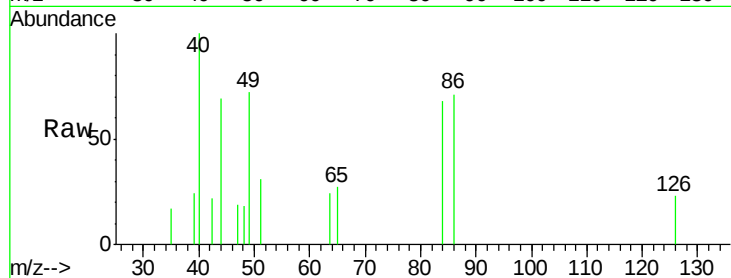




#20
Methylene Chloride
Concen: 32.279 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

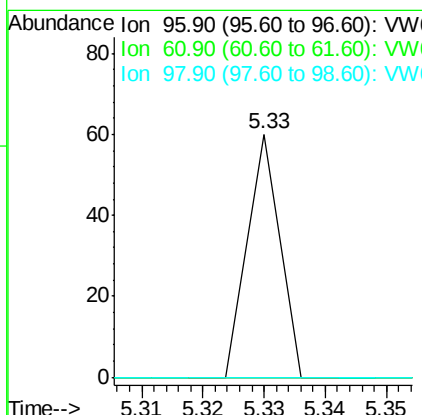
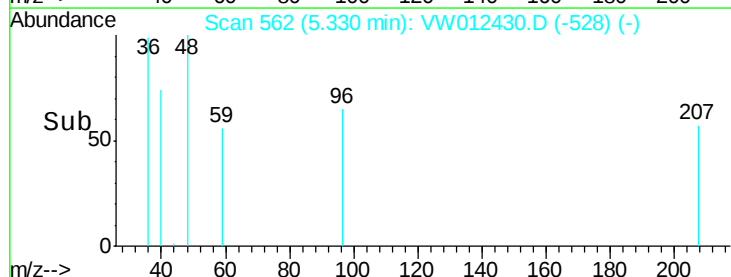
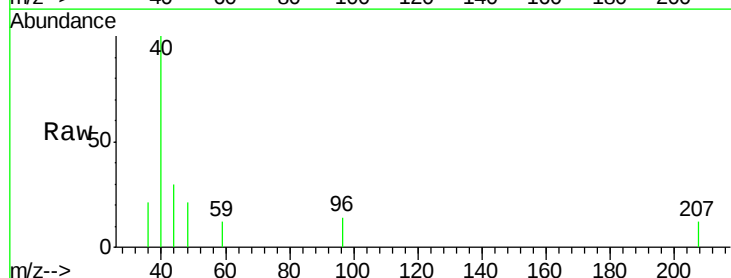
Instrument :
MSVOA_W
ClientSampled :
T1-S-E(0)

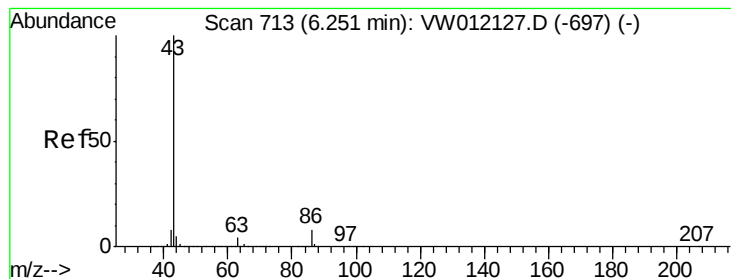
Tot Ion: 84 Resp: 574
Ion Ratio Lower Upper
84 100
49 82.6 117.8 176.8#
51 45.4 35.6 53.4
86 103.7 51.2 76.8#



#21
trans-1,2-Dichloroethene
Concen: 1.321 ug/l
RT: 5.33 min Scan# 562
Delta R.T. -0.09 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 0.0 131.4 197.0#
98 0.0 51.4 77.0#





#23

Vinyl Acetate

Concen: 2.086 ug/l

RT: 6.30 min Scan# 721

Delta R.T. 0.05 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

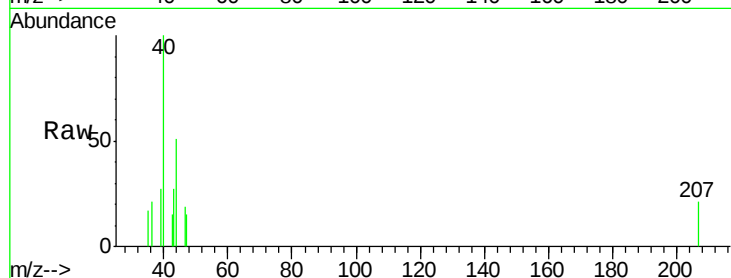
T1-S-E(0)

Tot Ion: 43 Resp: 79

Ion Ratio Lower Upper

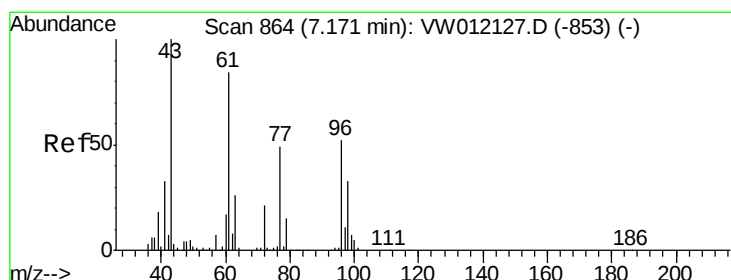
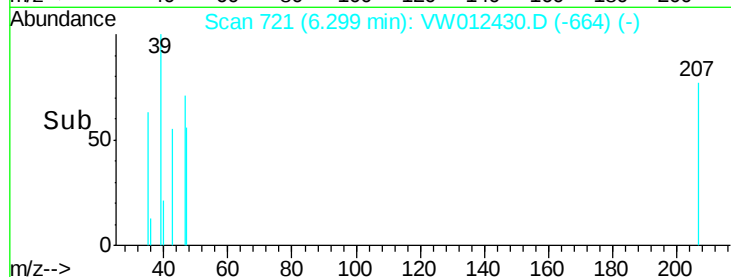
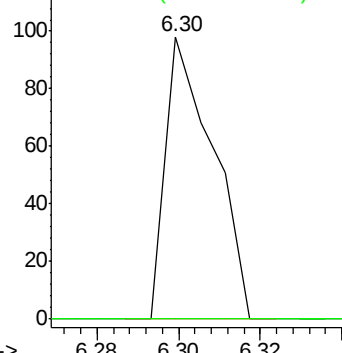
43 100

86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#25

2-Butanone

Concen: 3.442 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW012430.D

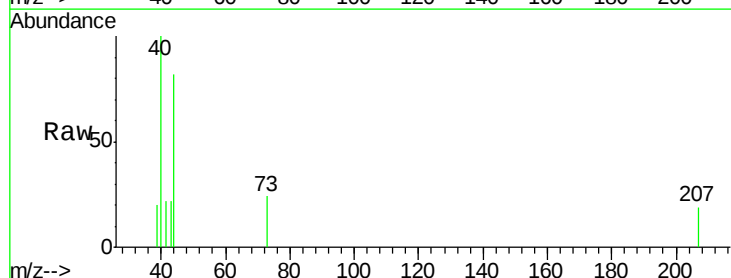
Acq: 01 Sep 2019 05:48

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

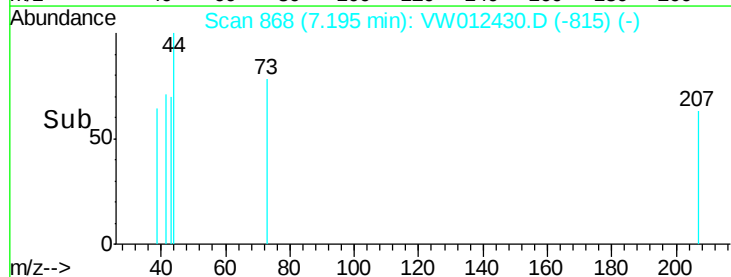
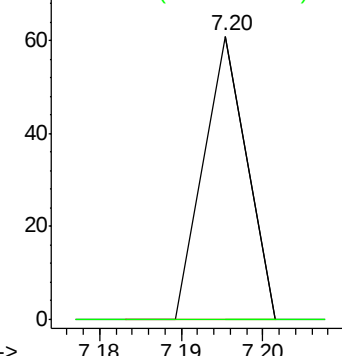
43 100

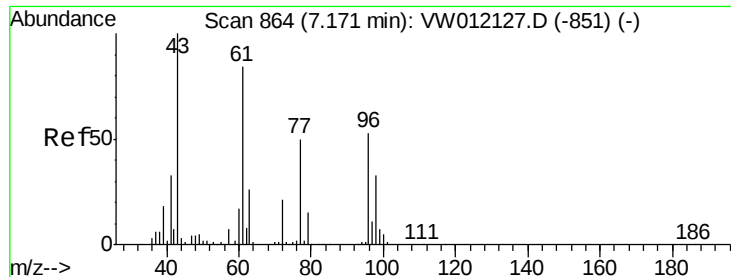
72 0.0 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



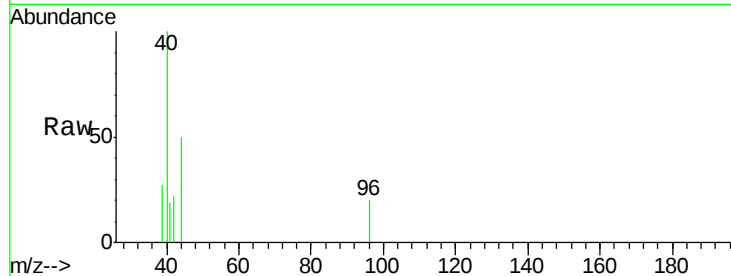


#27

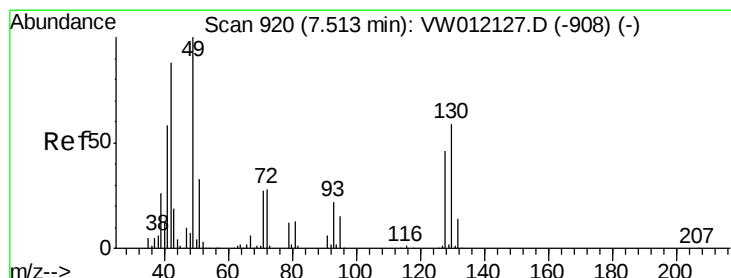
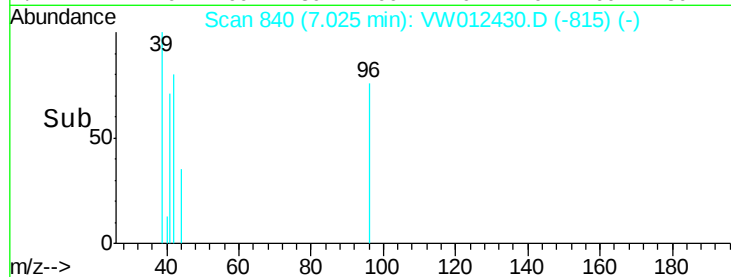
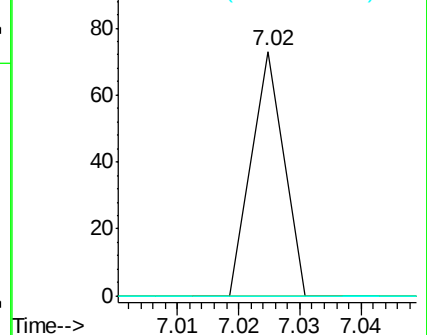
cis-1,2-Dichloroethene
Concen: 1.518 ug/l
RT: 7.02 min Scan# 840
Delta R.T. -0.15 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Instrument :
MSVOA_W
ClientSampleId :
T1-S-E(0)

Tot Ion:	96	Resp:	27
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	326.6
98	0.0	0.0	127.4



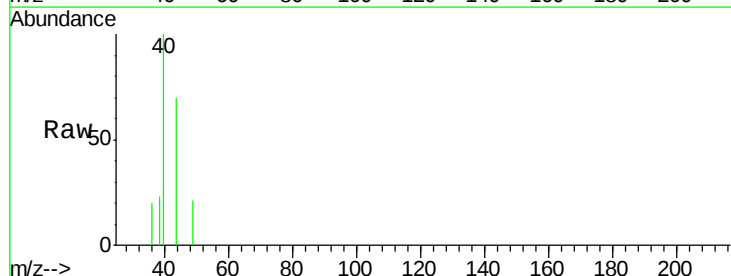
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



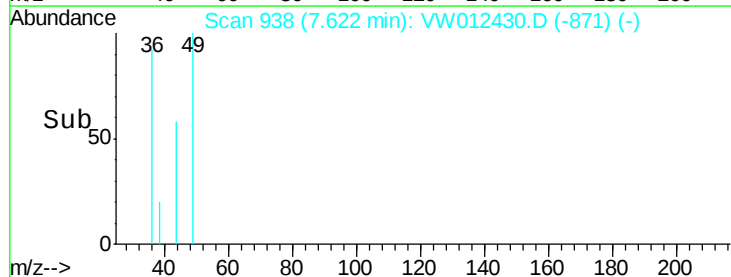
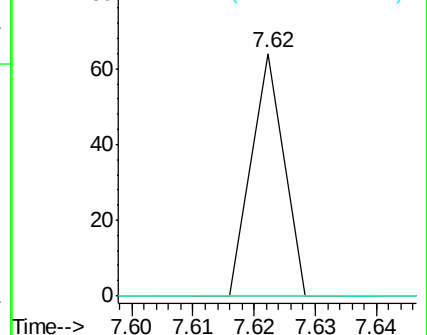
#28

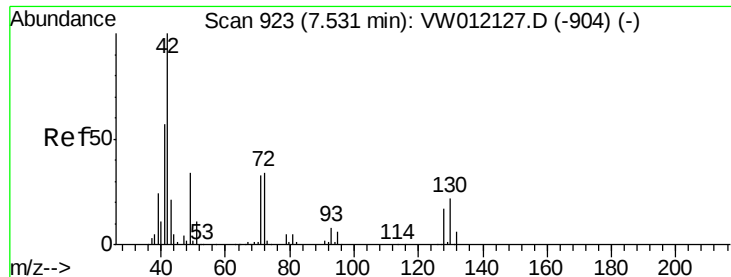
Bromochloromethane
Concen: 1.575 ug/l
RT: 7.62 min Scan# 938
Delta R.T. 0.11 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion:	49	Resp:	23
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.4
130	0.0	45.5	68.3#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

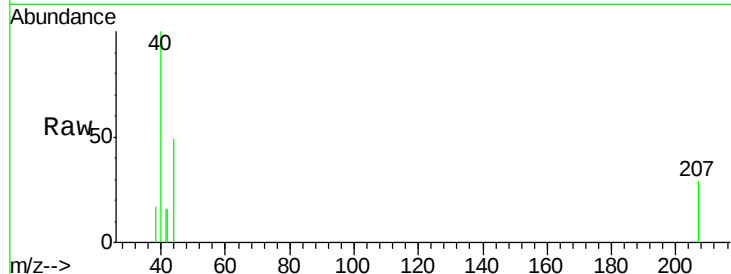




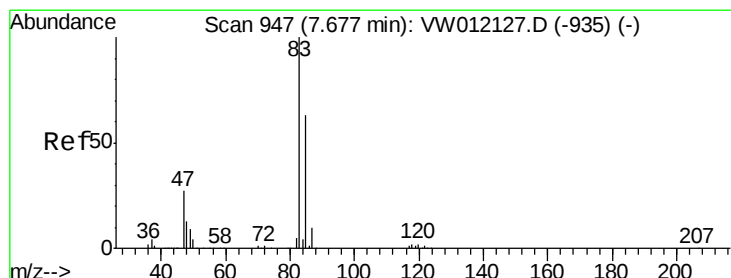
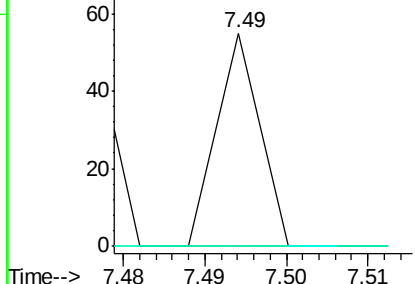
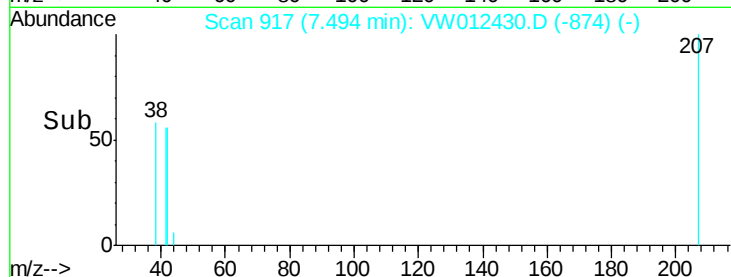
#29
Tetrahydrofuran
Concen: 5.215 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.04 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Instrument :
MSVOA_W
ClientSampled :
T1-S-E(0)

Tot Ion: 42 Resp: 20
Ion Ratio Lower Upper
42 100
72 0.0 27.3 40.9#
71 0.0 25.5 38.3#

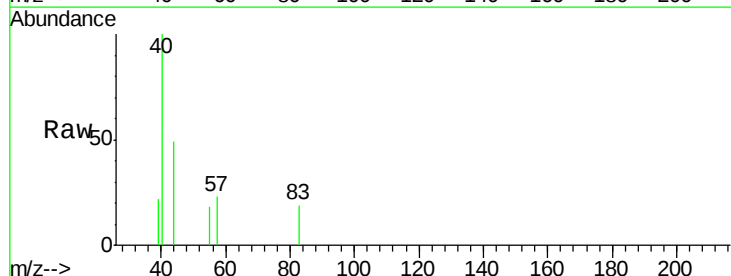


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

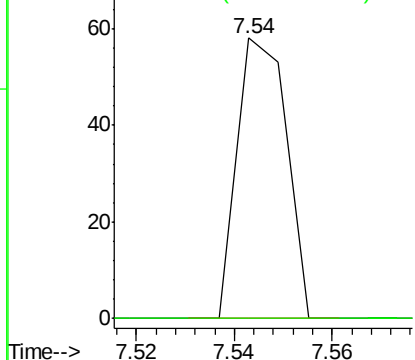
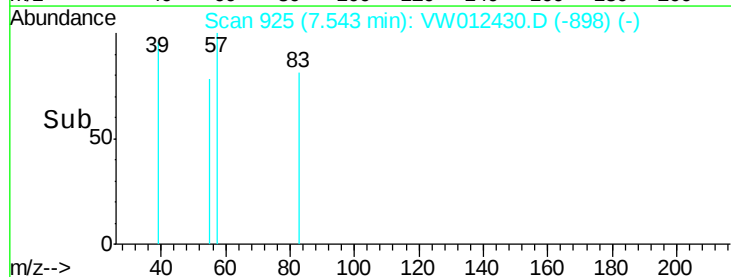


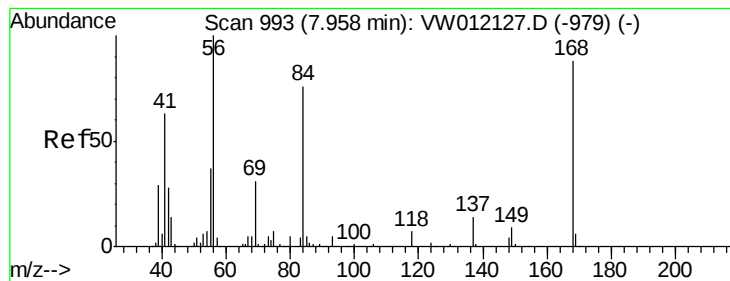
#30
Chloroform
Concen: 1.338 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.13 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
85 0.0 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cvclohexane

Concen: 1.961 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

T1-S-E(0)

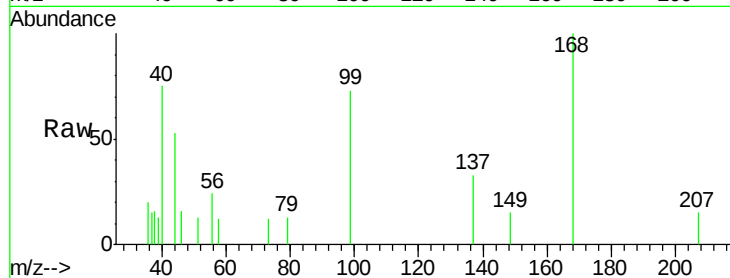
Tot Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

69 0.0 24.9 37.3#

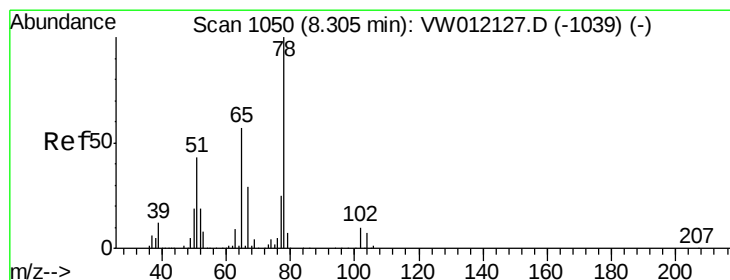
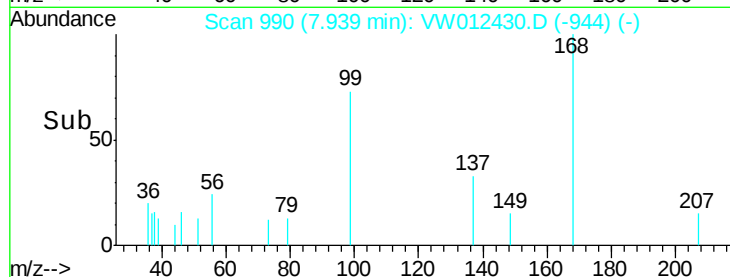
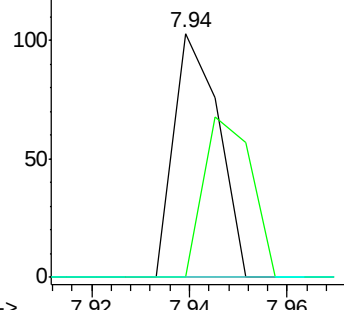
84 0.0 60.6 90.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 73.742 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012430.D

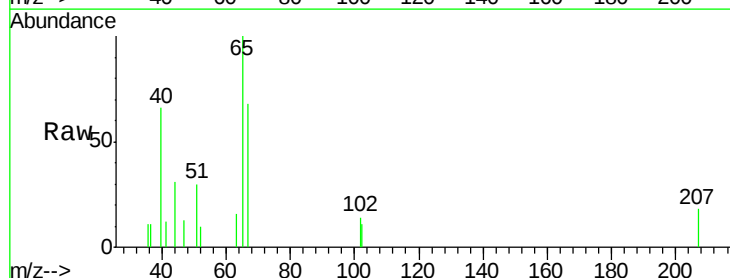
Acq: 01 Sep 2019 05:48

Tgt Ion: 65 Resp: 1357

Ion Ratio Lower Upper

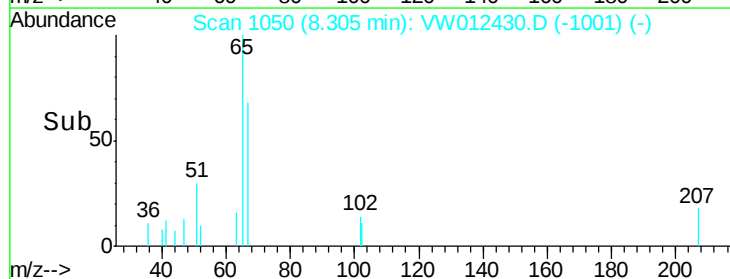
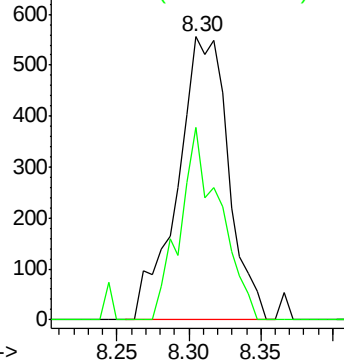
65 100

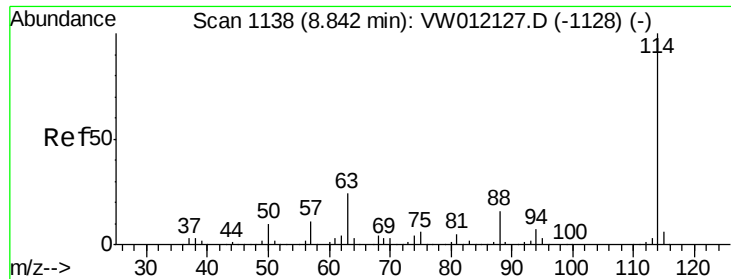
67 53.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

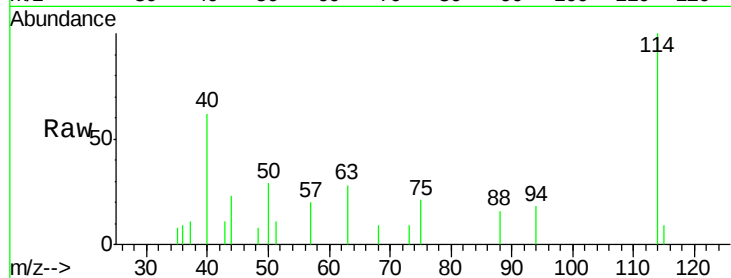




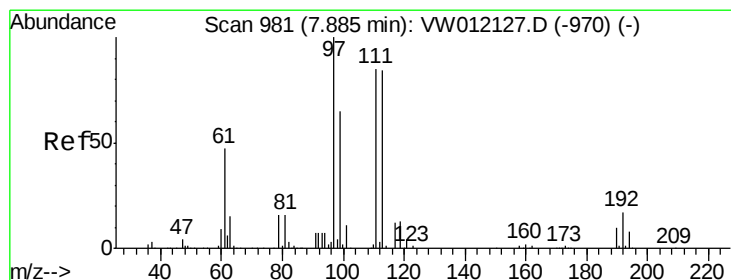
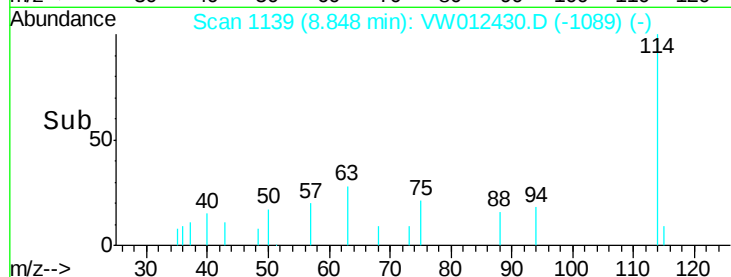
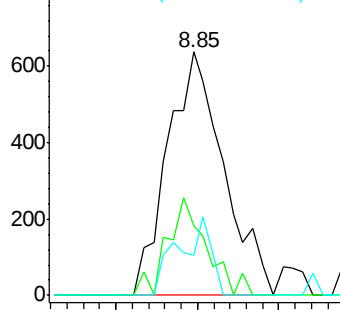
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW012430.D
 Acq: 01 Sep 2019 05:48

Instrument :
 MSVOA_W
 ClientSampled :
 T1-S-E(0)

Tot Ion:114 Resp: 1528
 Ion Ratio Lower Upper
 114 100
 63 28.4 0.0 48.6
 88 16.5 0.0 32.2

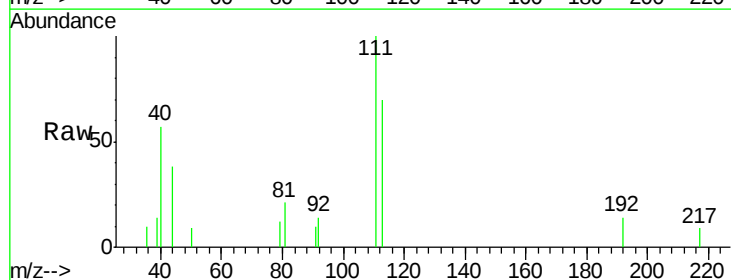


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

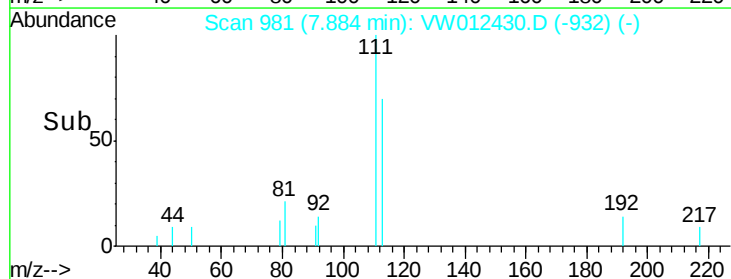
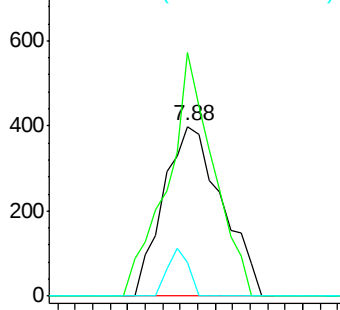


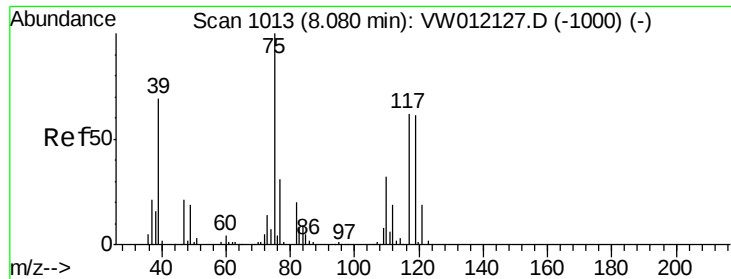
#35
 Dibromofluoromethane
 Concen: 101.747 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012430.D
 Acq: 01 Sep 2019 05:48

Tgt Ion:113 Resp: 928
 Ion Ratio Lower Upper
 113 100
 111 112.5 82.7 124.1
 192 10.1 16.2 24.2#



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: 1.393 ug/l

RT: 8.13 min Scan# 1022

Delta R.T. 0.05 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E(0)

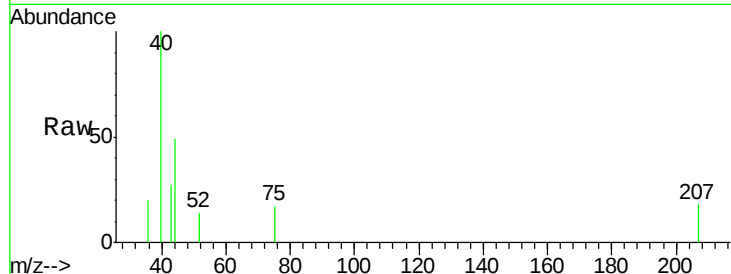
Tot Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

110 0.0 15.6 46.8#

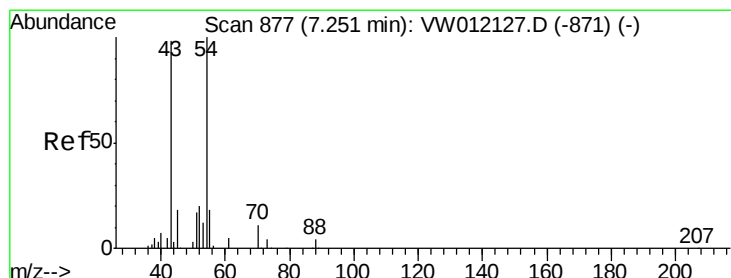
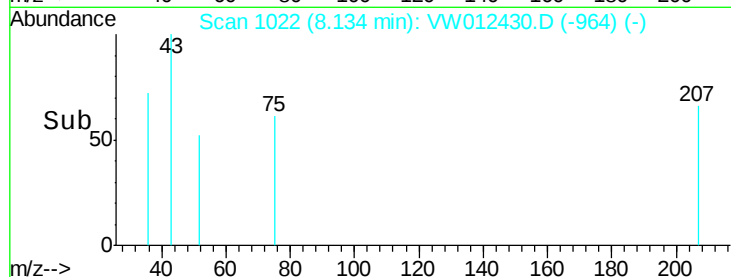
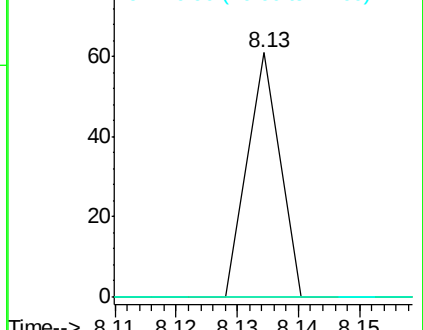
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 2.543 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

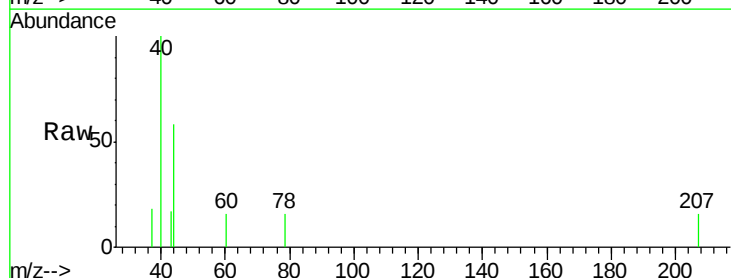
Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

61 0.0 9.2 13.8#

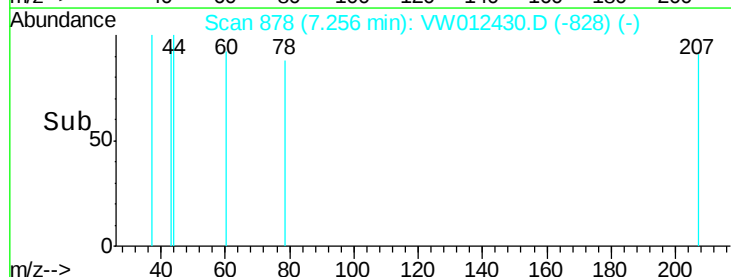
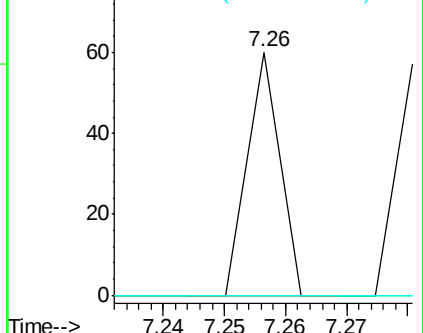
70 0.0 6.9 10.3#

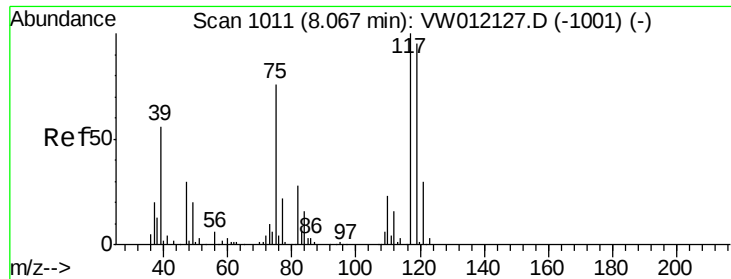


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 9.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E(0)

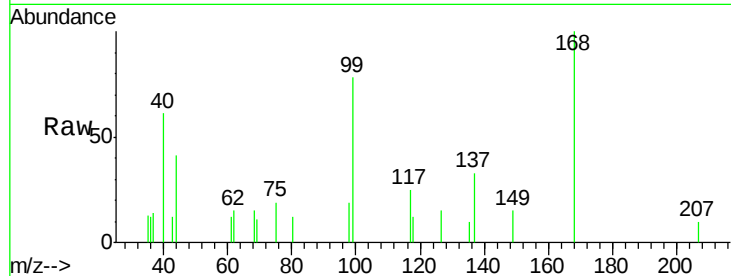
Tot Ion:117 Resp: 123

Ion Ratio Lower Upper

117 100

119 0.0 76.2 114.2#

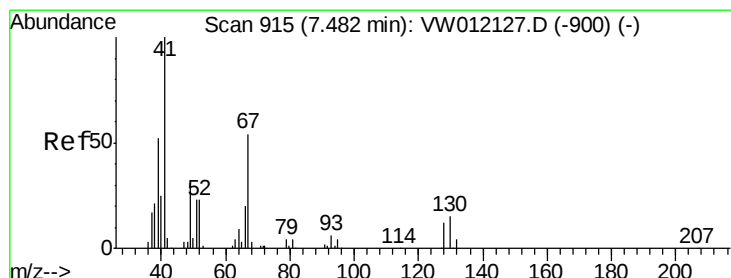
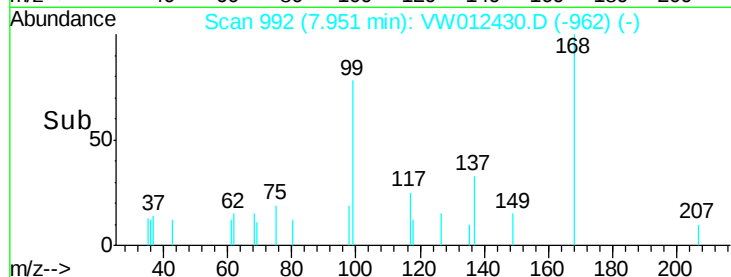
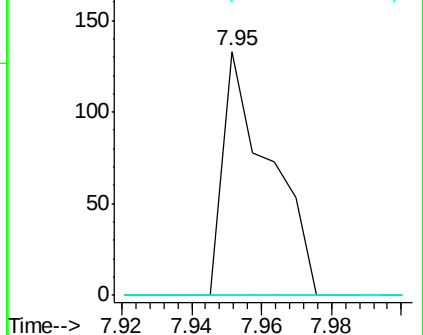
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 3.933 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Tgt Ion: 41 Resp: 20

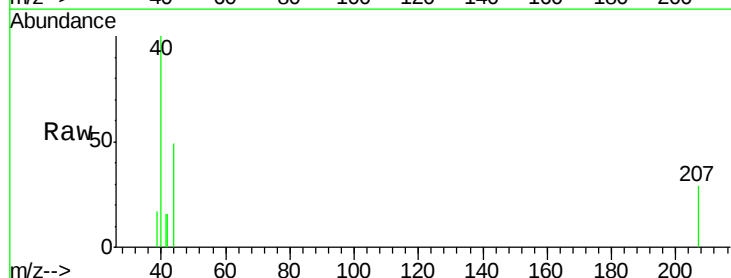
Ion Ratio Lower Upper

41 100

39 0.0 45.8 68.8#

67 0.0 46.2 69.4#

52 0.0 21.0 31.6#

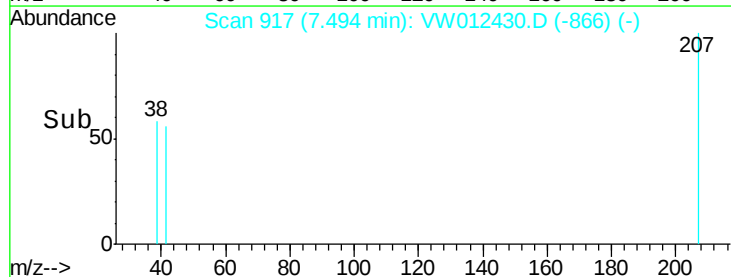
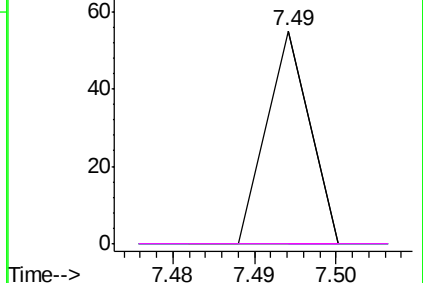


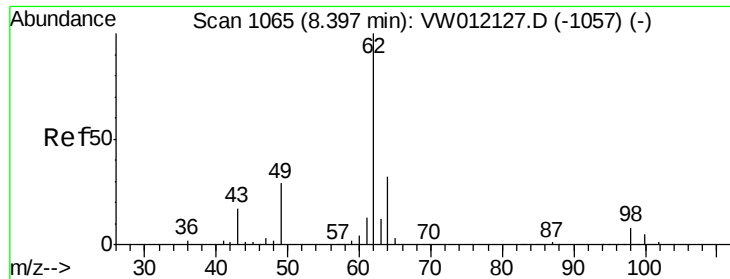
Abundance Ion 41.00 (40.70 to 41.70): VV

Ion 39.00 (38.70 to 39.70): VV

Ion 67.00 (66.70 to 67.70): VV

Ion 52.00 (51.70 to 52.70): VV





#42

1,2-Dichloroethane

Concen: 1.628 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

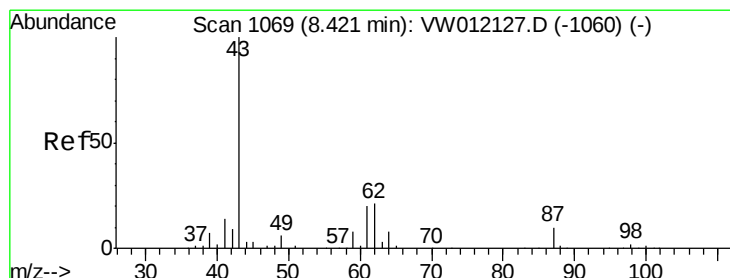
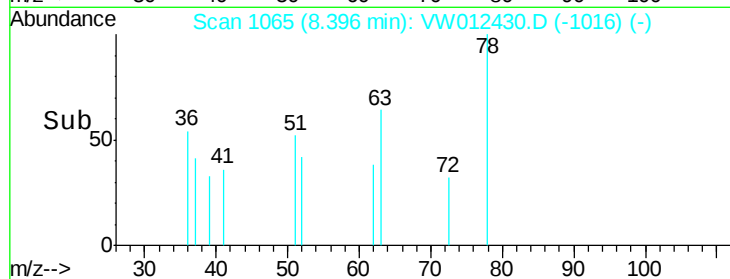
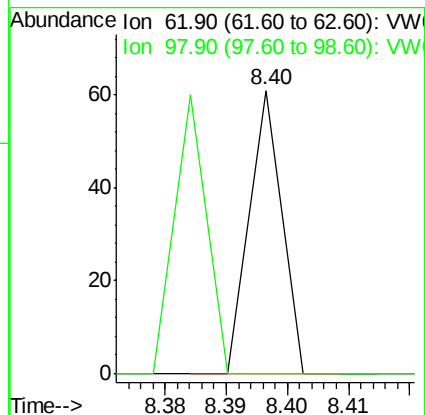
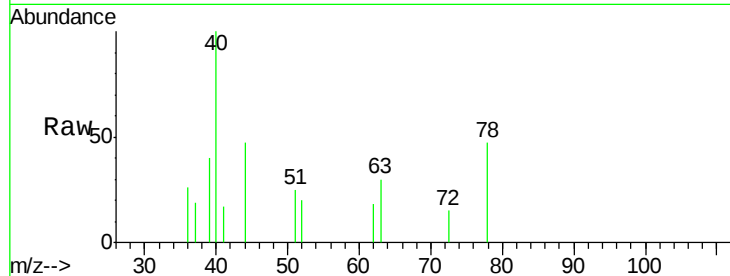
T1-S-E(0)

Tot Ion: 62 Resp: 22

Ion Ratio Lower Upper

62 100

98 100.0 0.0 16.6#



#43

Isopropyl Acetate

Concen: 2.995 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

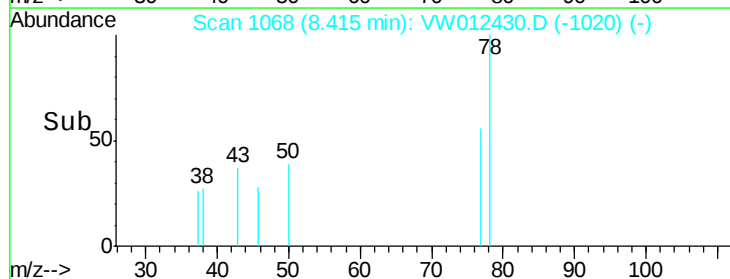
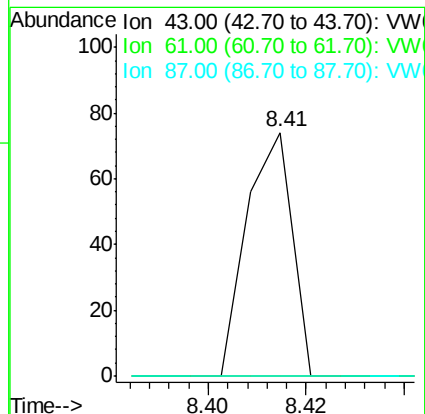
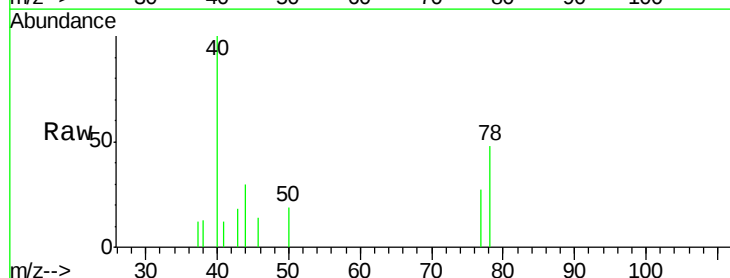
Tgt Ion: 43 Resp: 48

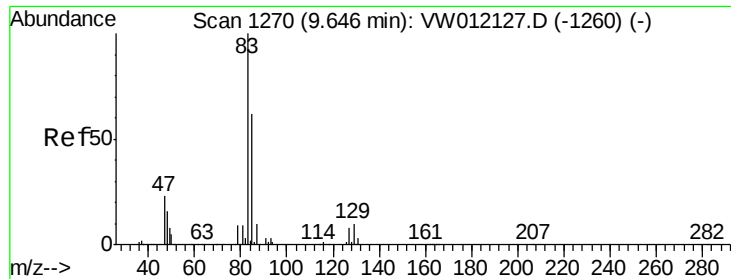
Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 8.2 12.2#





#47

Bromodichloromethane

Concen: 3.275 ug/l

RT: 9.89 min Scan# 1310

Delta R.T. 0.24 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

T1-S-E(0)

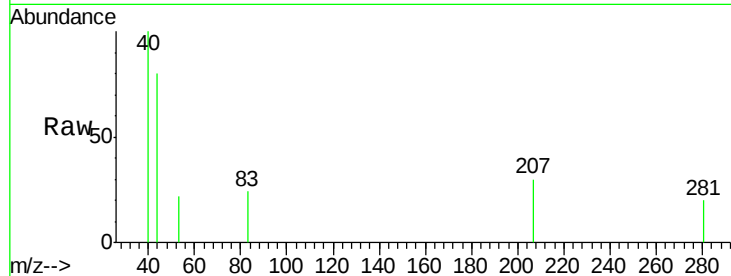
Tot Ion: 83 Resp: 45

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.2#

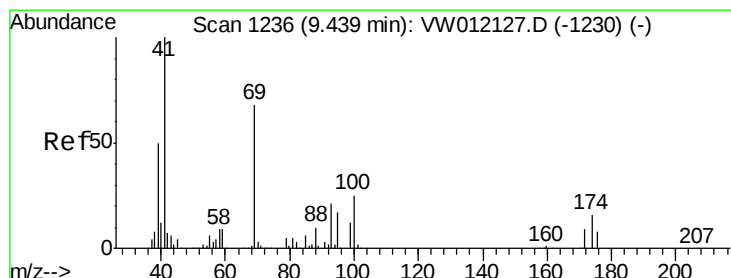
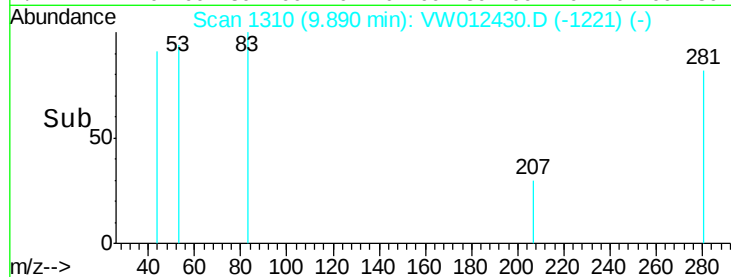
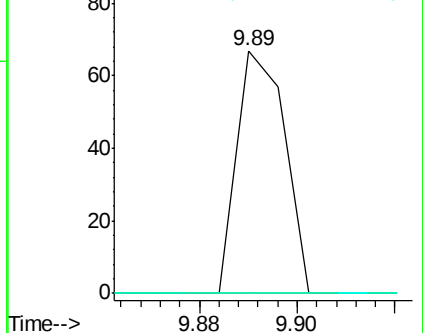
127 0.0 6.1 9.1#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.491 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

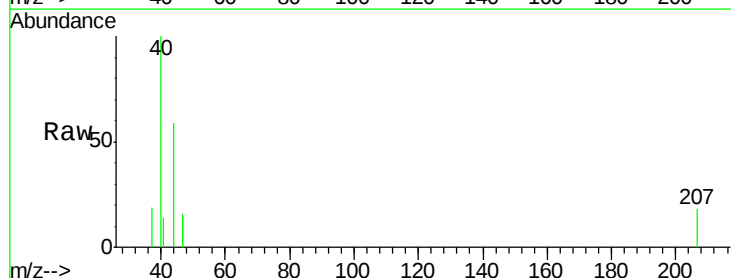
Tgt Ion: 41 Resp: 19

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

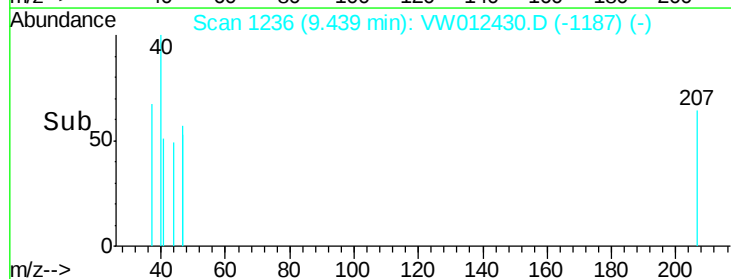
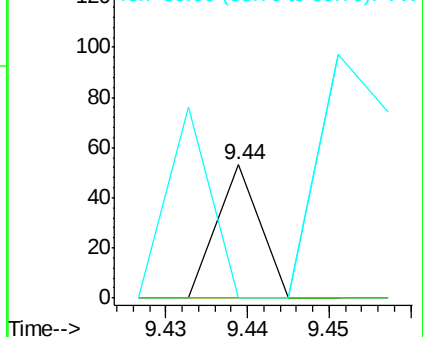
39 147.4 42.0 63.0#

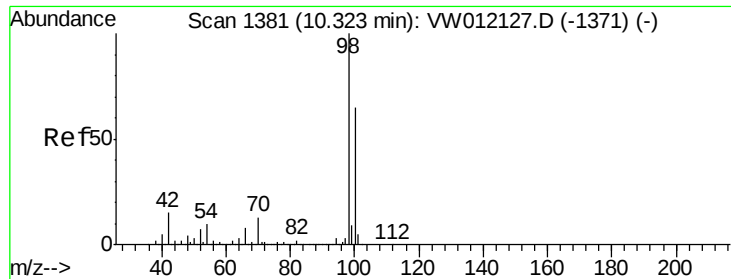


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 31.096 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

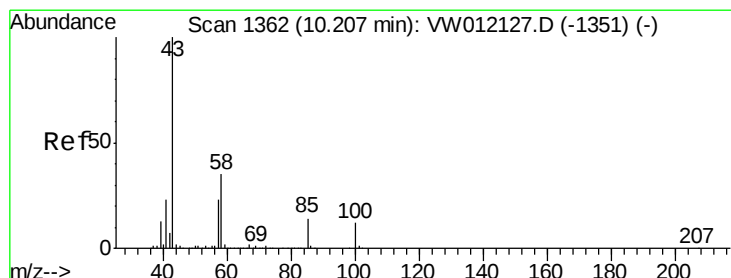
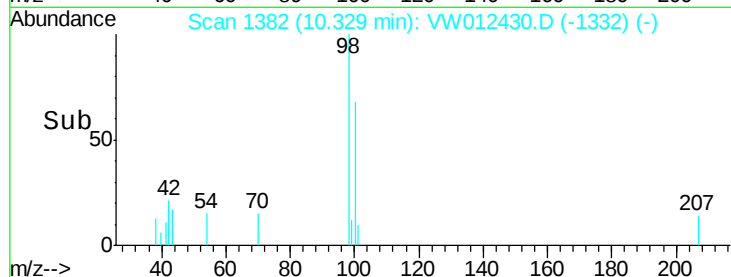
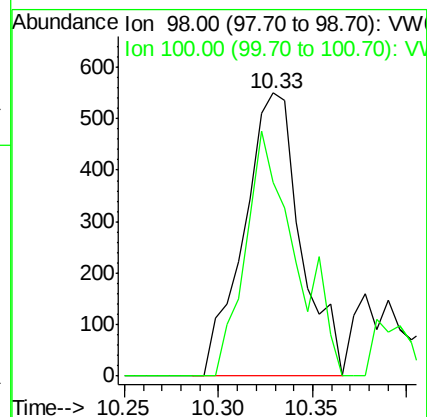
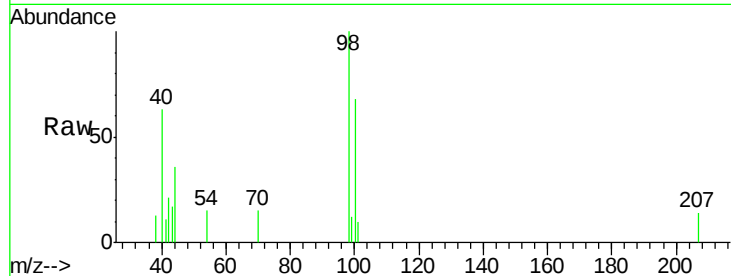
T1-S-E(0)

Tot Ion: 98 Resp: 1150

Ion Ratio Lower Upper

98 100

100 76.2 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 2.453 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW012430.D

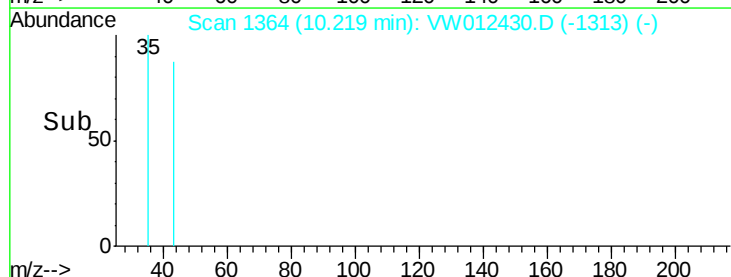
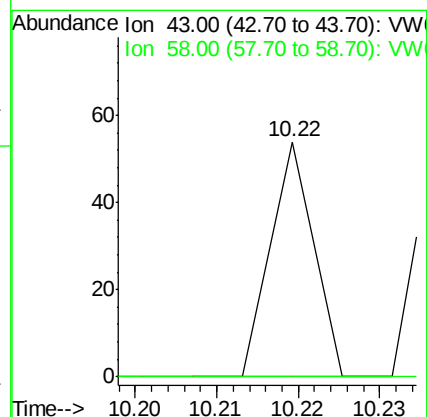
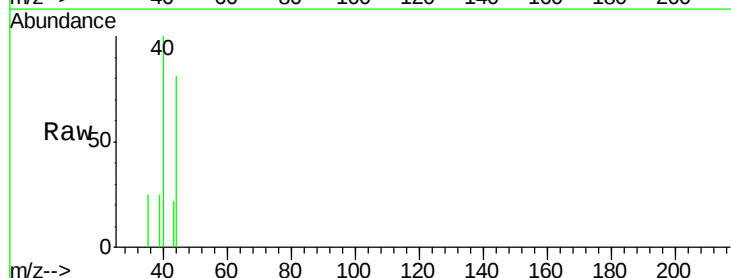
Acq: 01 Sep 2019 05:48

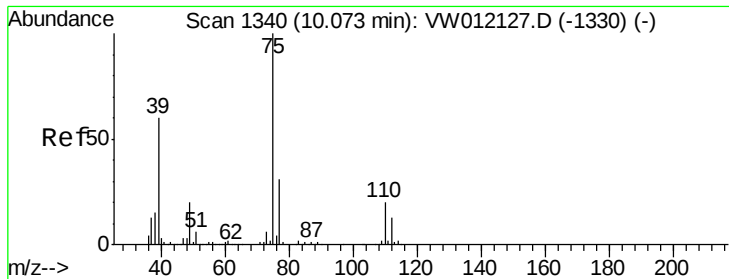
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.2#

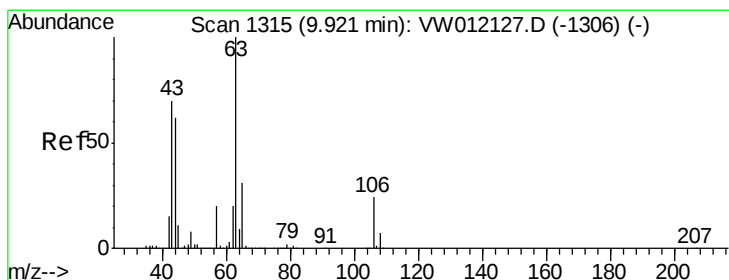
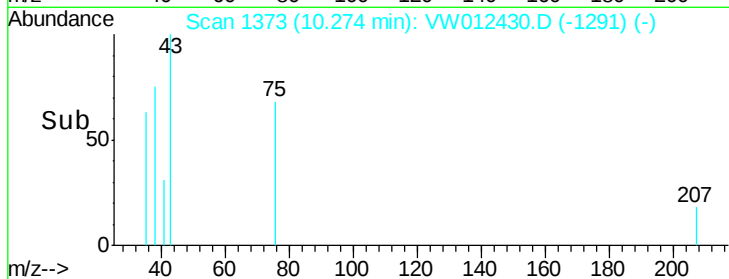
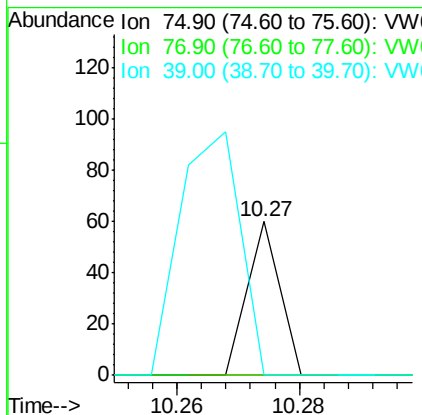
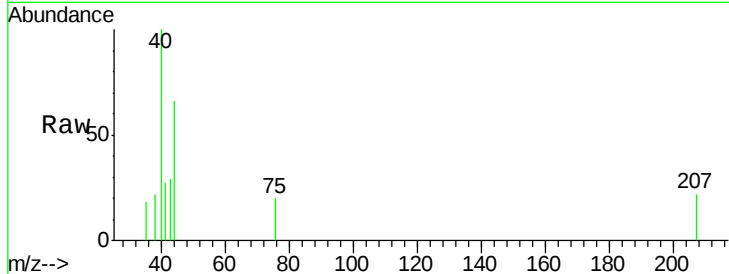




#54
 cis-1,3-Dichloropropene
 Concen: 1.302 ug/l
 RT: 10.27 min Scan# 1373
 Delta R.T. 0.20 min
 Lab File: VW012430.D
 Acq: 01 Sep 2019 05:48

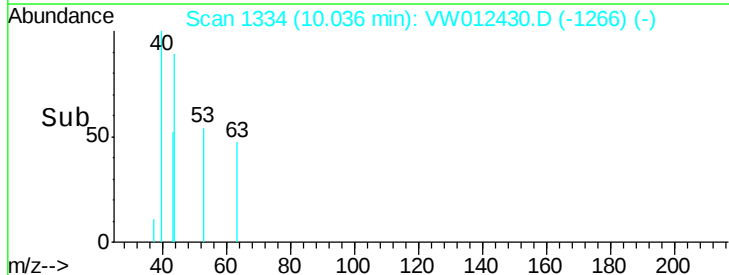
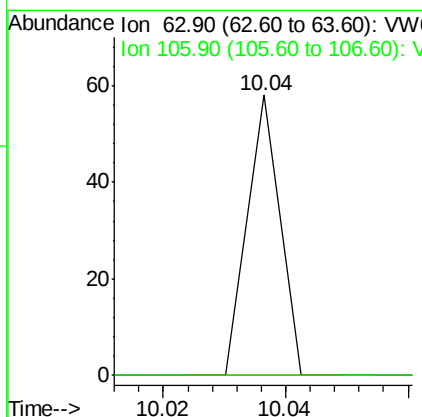
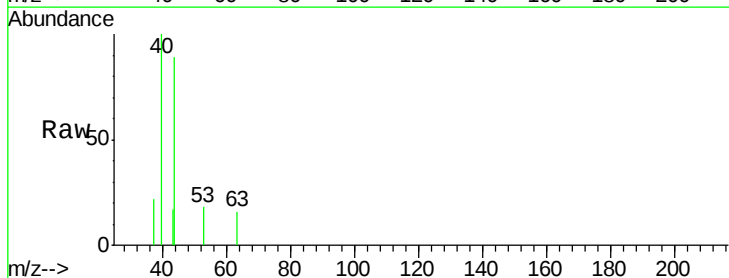
Instrument :
 MSVOA_W
 ClientSampled :
 T1-S-E-(0)

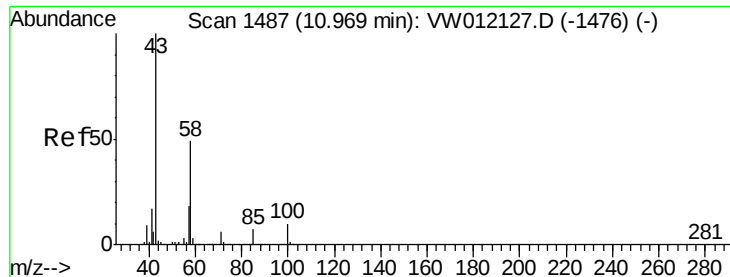
Tot Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 0.0 48.3 72.5#



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.849 ug/l
 RT: 10.04 min Scan# 1334
 Delta R.T. 0.12 min
 Lab File: VW012430.D
 Acq: 01 Sep 2019 05:48

Tgt Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.8 29.8#





#59

2-Hexanone

Concen: 18.030 ug/l

RT: 11.01 min Scan# 1494

Delta R.T. 0.04 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

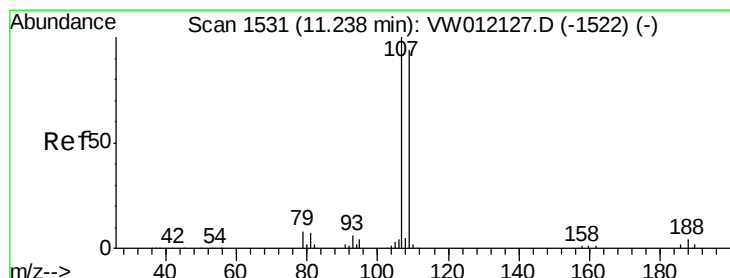
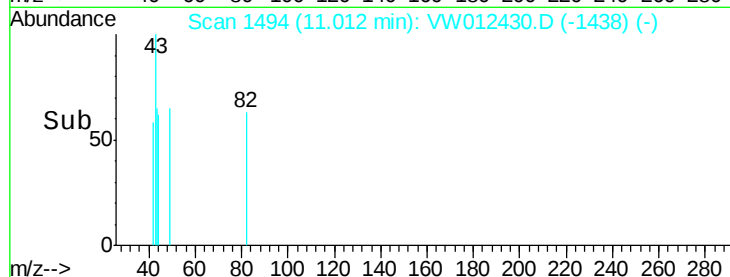
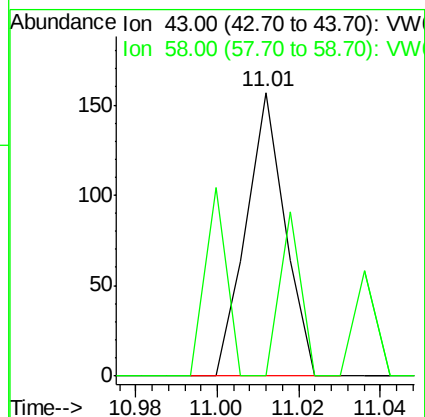
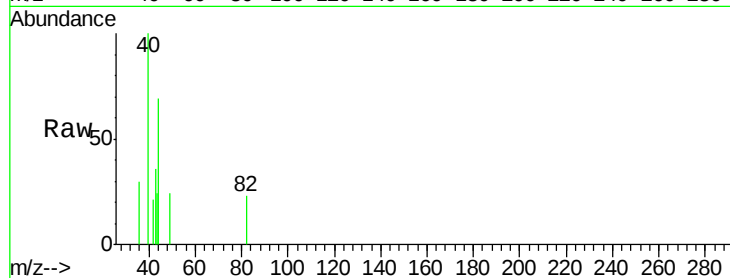
T1-S-E-(0)

Tot Ion: 43 Resp: 104

Ion Ratio Lower Upper

43 100

58 31.7 24.3 72.9



#61

1,2-Dibromoethane

Concen: 3.086 ug/l

RT: 11.25 min Scan# 1533

Delta R.T. 0.01 min

Lab File: VW012430.D

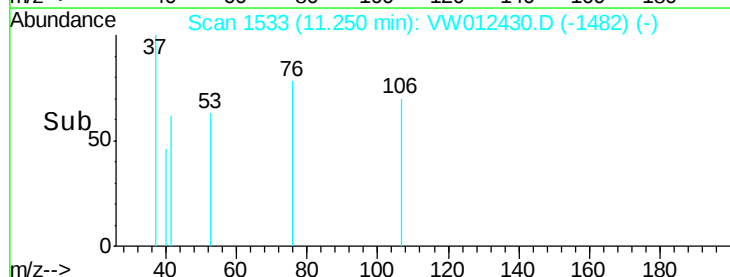
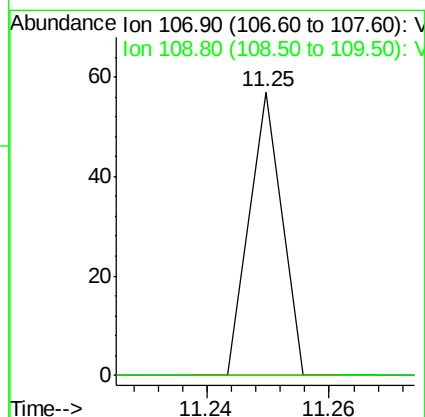
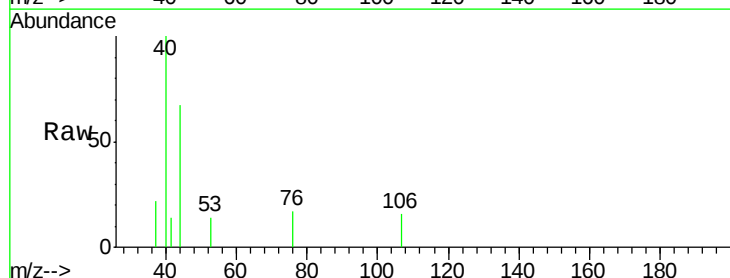
Acq: 01 Sep 2019 05:48

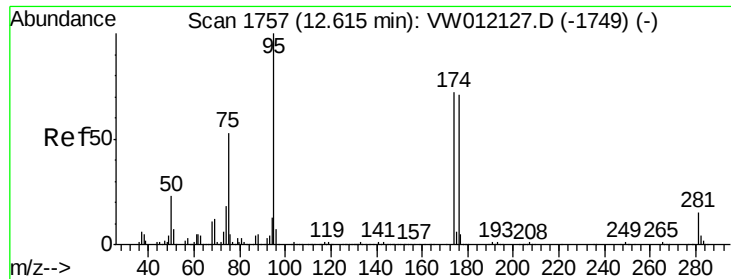
Tgt Ion: 107 Resp: 21

Ion Ratio Lower Upper

107 100

109 0.0 75.4 113.2#

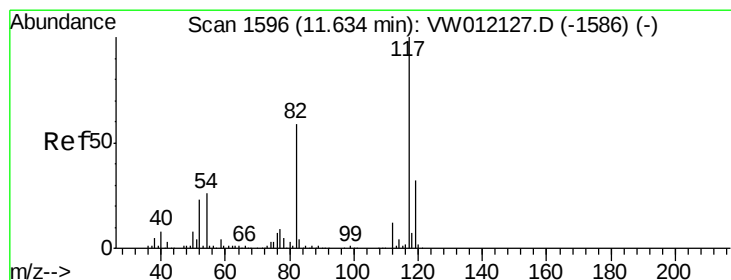
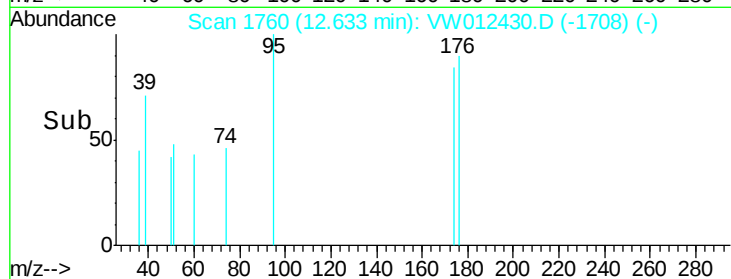
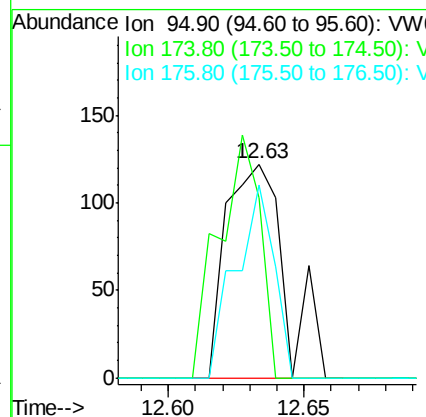
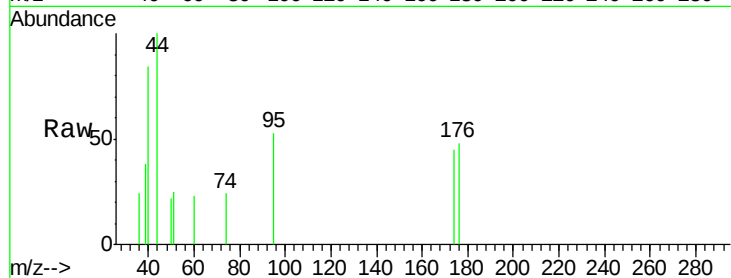




#62
4-Bromofluorobenzene
Concen: 14.038 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.02 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

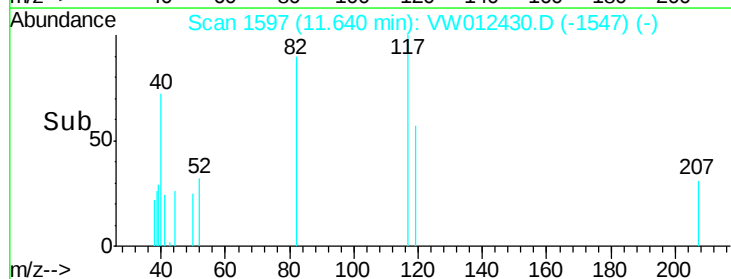
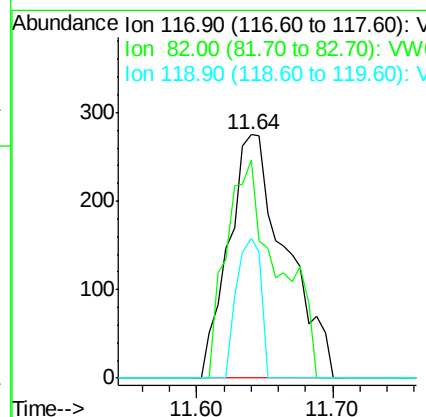
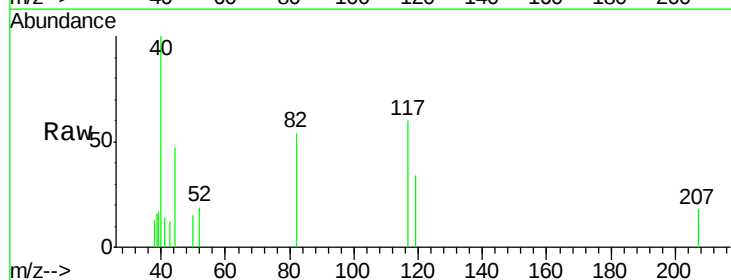
Instrument :
MSVOA_W
ClientSampleId :
T1-S-E-(0)

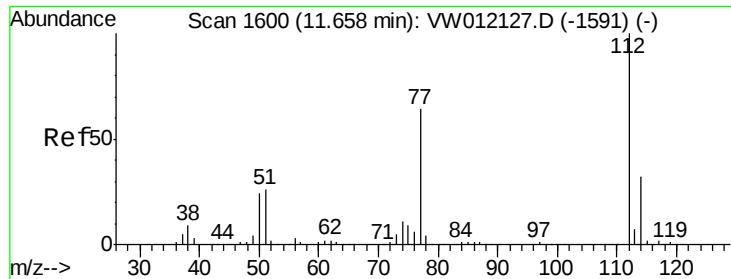
Tot Ion: 95 Resp: 183
Ion Ratio Lower Upper
95 100
174 80.3 0.0 150.8
176 59.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion: 117 Resp: 806
Ion Ratio Lower Upper
117 100
82 89.8 47.4 71.2#
119 57.5 25.4 38.2#





#65

Chlorobenzene

Concen: 1.197 ug/l

RT: 11.83 min Scan# 1628

Delta R.T. 0.17 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

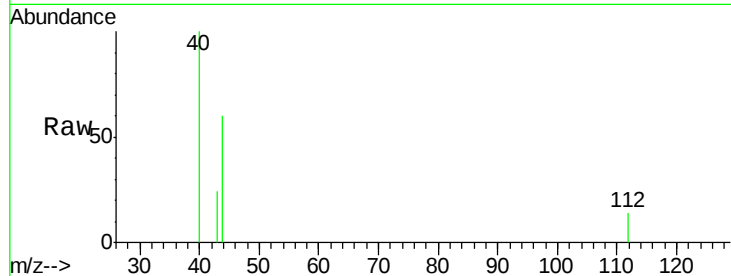
T1-S-E(0)

Tot Ion:112 Resp: 19

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#



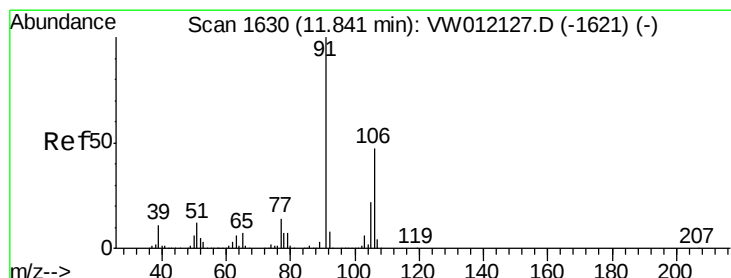
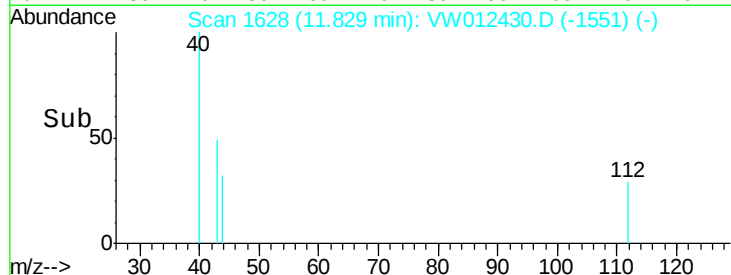
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.83

Time-->

11.82 11.84



#68

m/p-Xylenes

Concen: 2.724 ug/l

RT: 11.74 min Scan# 1614

Delta R.T. -0.10 min

Lab File: VW012430.D

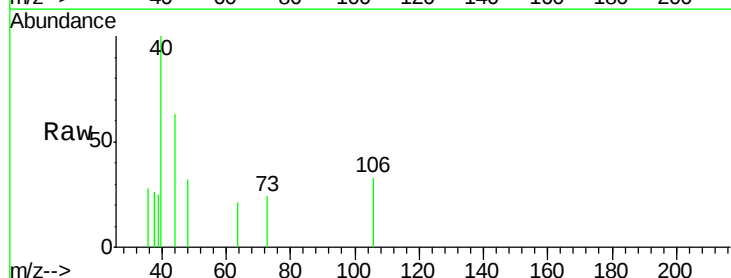
Acq: 01 Sep 2019 05:48

Tgt Ion:106 Resp: 30

Ion Ratio Lower Upper

106 100

91 0.0 169.5 254.3#



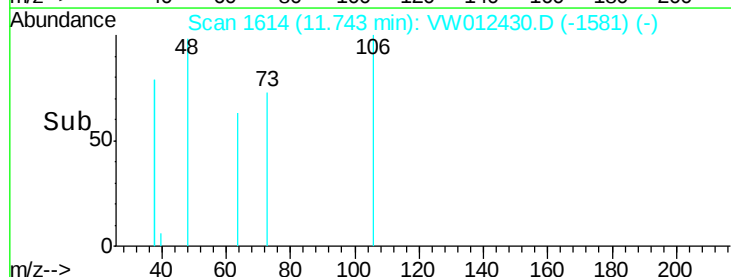
Abundance Ion 106.00 (105.70 to 106.70): V

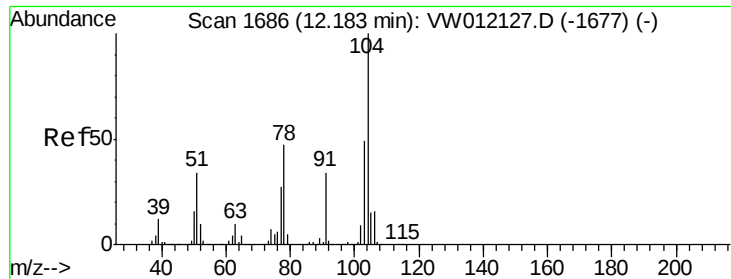
Ion 91.00 (90.70 to 91.70): VV

11.74

Time-->

11.72 11.74 11.76

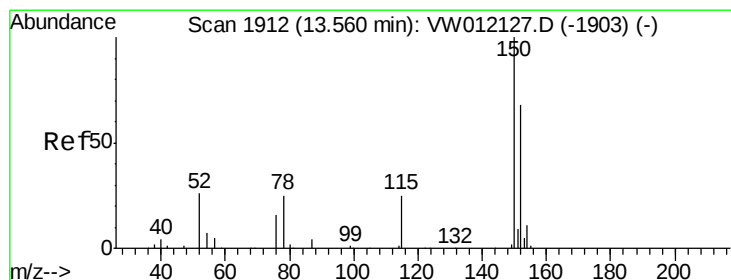
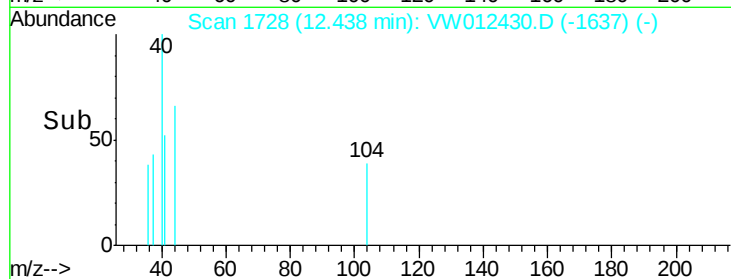
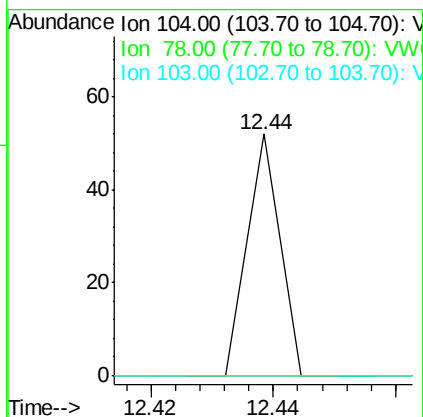
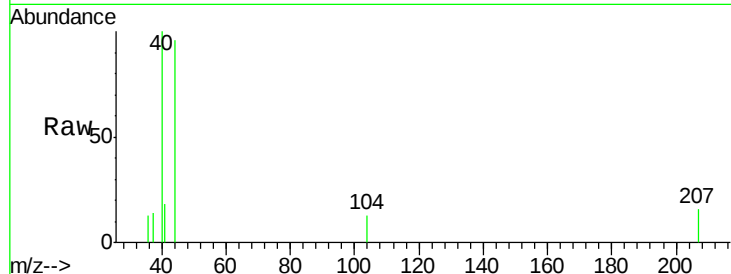




#70
Stvrene
Concen: 1.077 ug/l
RT: 12.44 min Scan# 1728
Delta R.T. 0.26 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

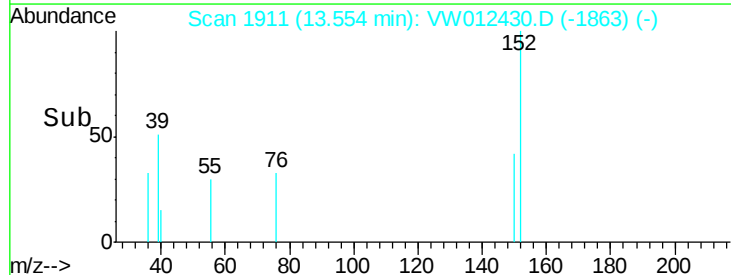
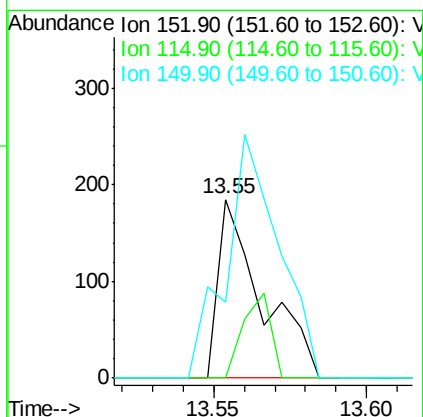
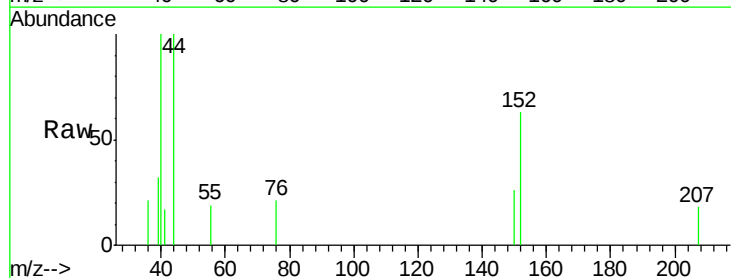
Instrument :
MSVOA_W
ClientSampleId :
T1-S-E(0)

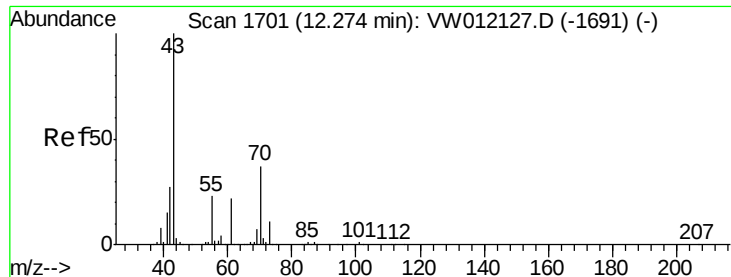
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.1	64.7#
103	0.0	43.5	65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012430.D
Acq: 01 Sep 2019 05:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	30.2	30.1	90.3
150	164.8	0.0	345.8





#74

N-amvl acetate

Concen: 11.650 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E(0)

Tot Ion: 43 Resp: 48

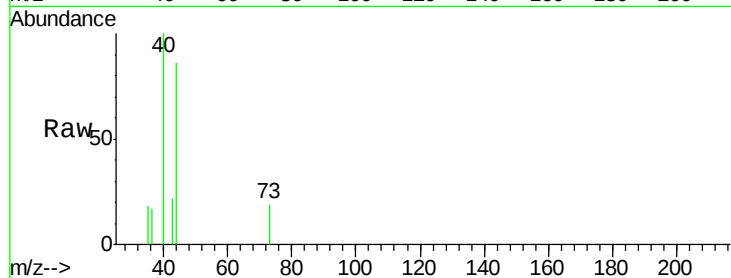
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 85.4 17.8 26.6#

61 0.0 17.3 25.9#

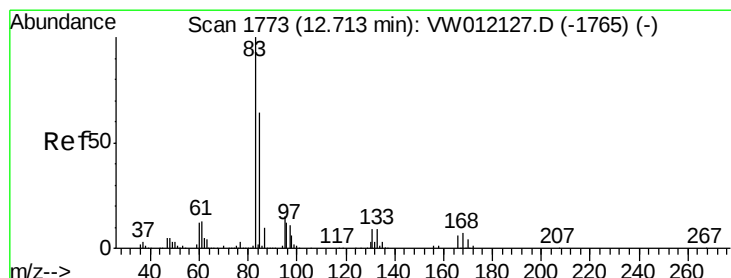
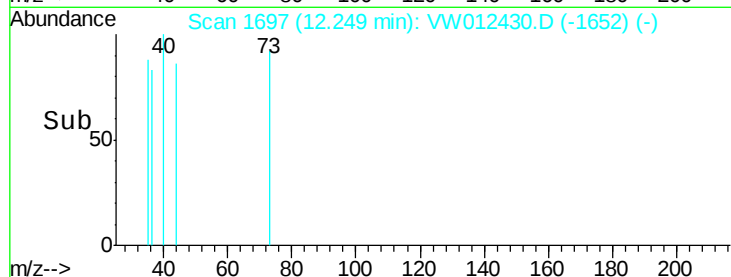
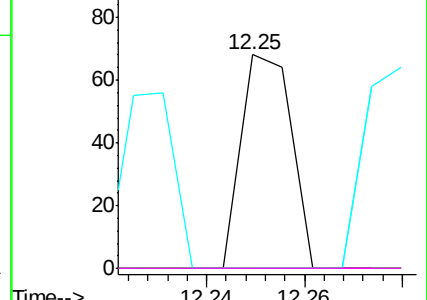


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 7.999 ug/l

RT: 12.73 min Scan# 1776

Delta R.T. 0.02 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

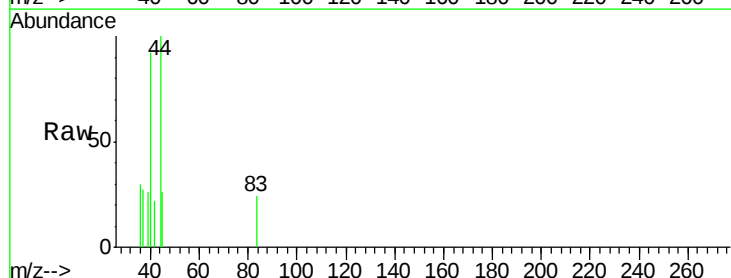
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

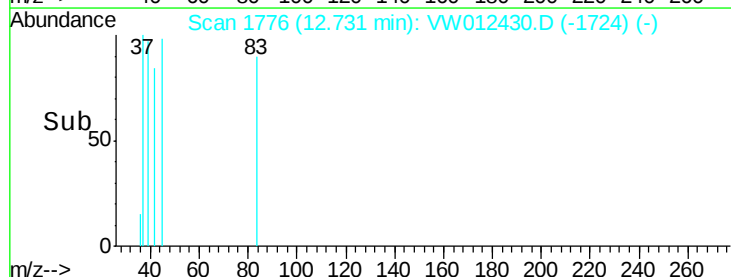
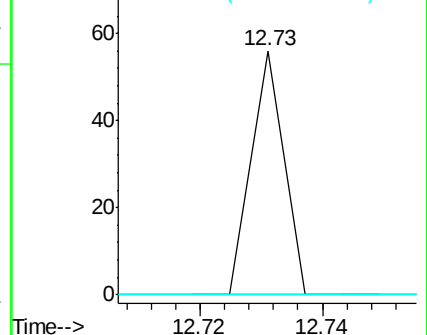
85 0.0 31.9 95.7#

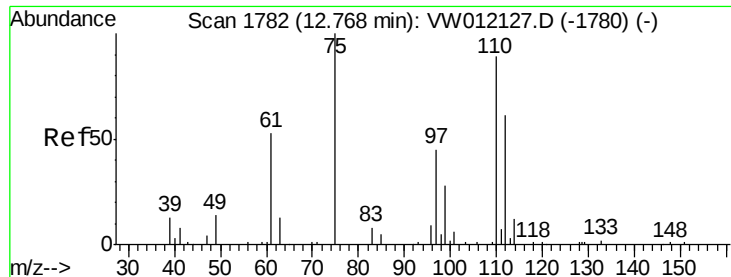


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 13.540 ug/l

RT: 12.80 min Scan# 1787

Delta R.T. 0.03 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

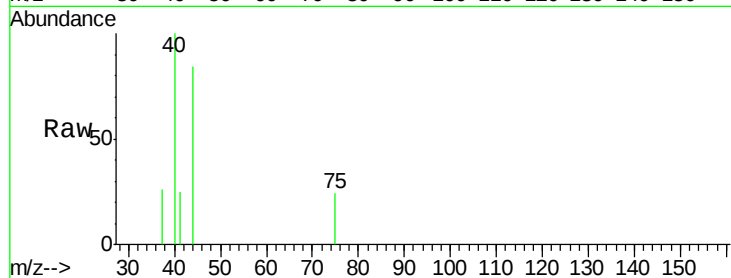
T1-S-E(0)

Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

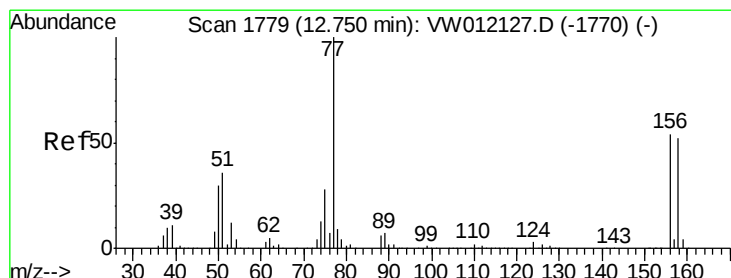
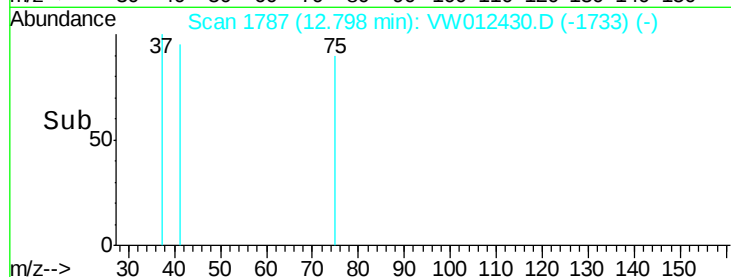
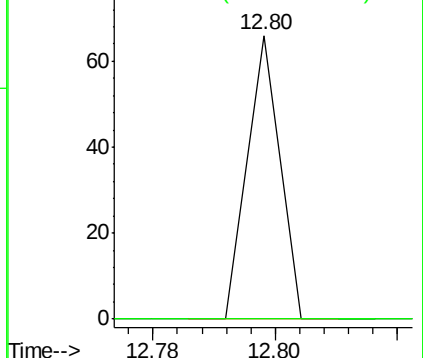
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 6.440 ug/l

RT: 12.55 min Scan# 1747

Delta R.T. -0.20 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

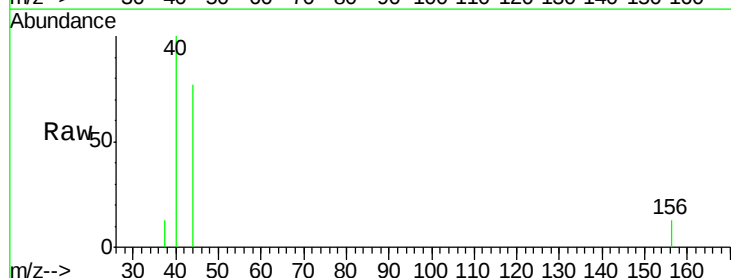
Tgt Ion: 156 Resp: 19

Ion Ratio Lower Upper

156 100

77 0.0 107.3 321.8#

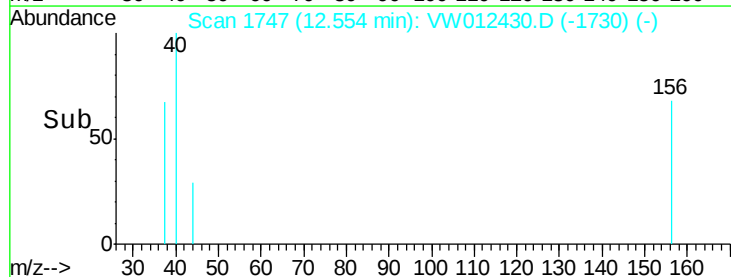
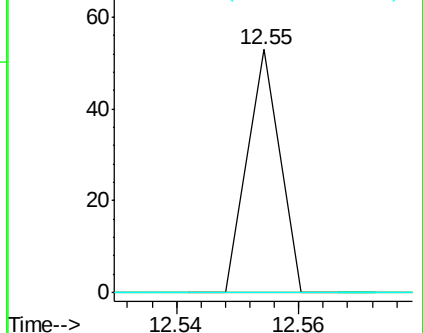
158 0.0 49.0 147.0#

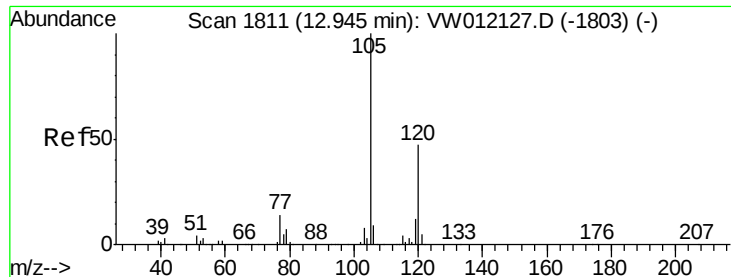


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#80

1,3,5-Trimethylbenzene

Concen: 1.843 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. -0.04 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

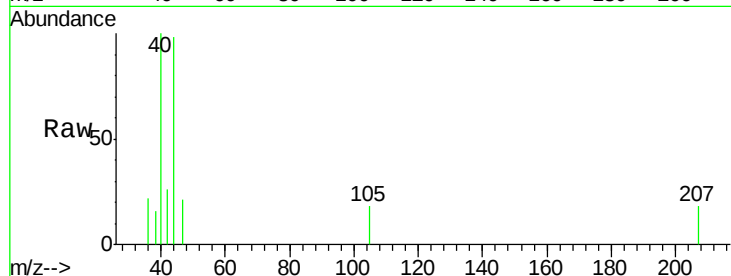
T1-S-E(0)

Tot Ion:105 Resp: 21

Ion Ratio Lower Upper

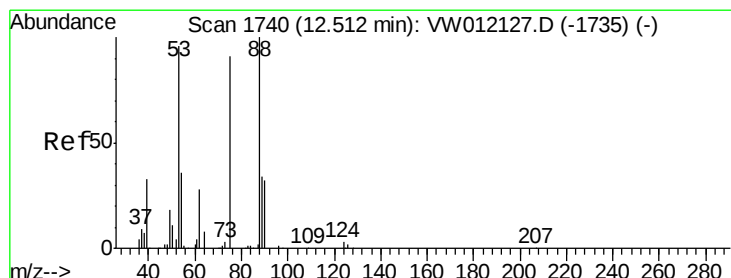
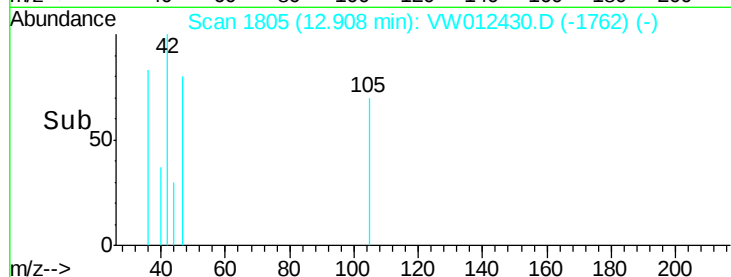
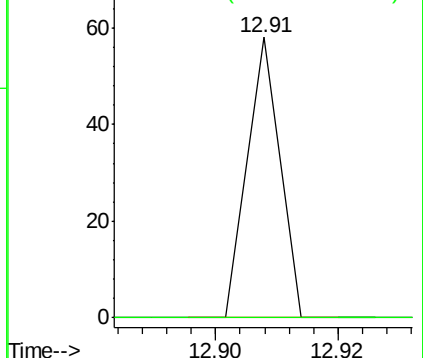
105 100

120 0.0 24.0 72.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 116.272 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

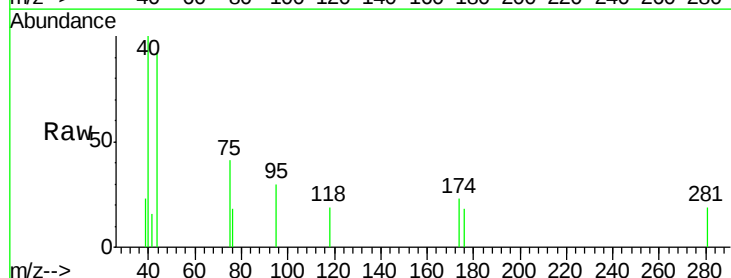
Tgt Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

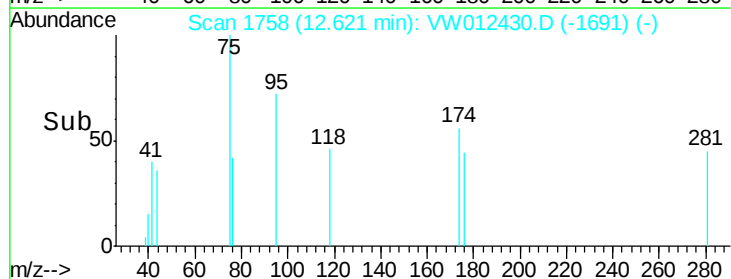
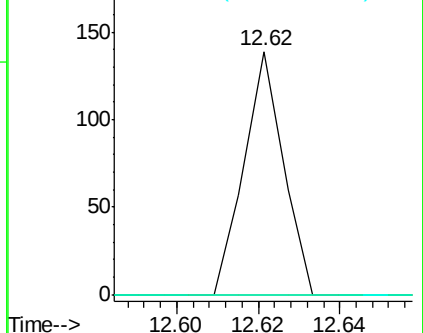
89 0.0 34.5 51.7#

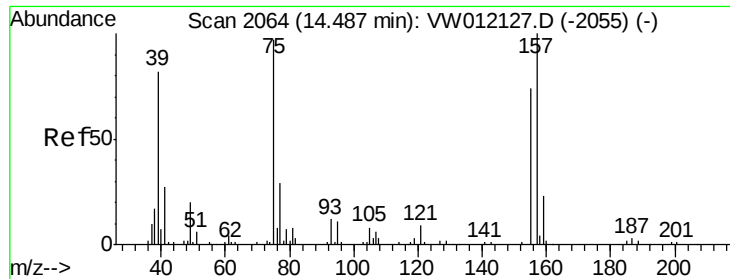


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92

1,2-Dibromo-3-Chloropropane

Concen: 59.314 ug/l

RT: 14.57 min Scan# 2078

Delta R.T. 0.09 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

T1-S-E(0)

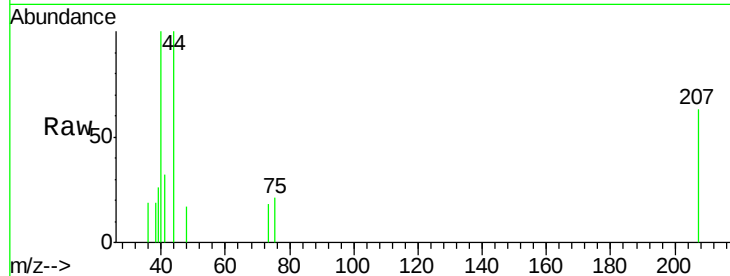
Tot Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

155 0.0 37.5 112.3#

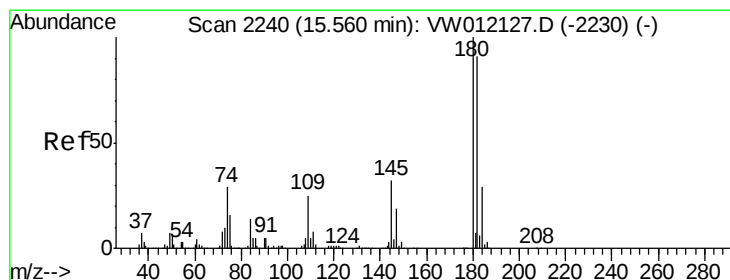
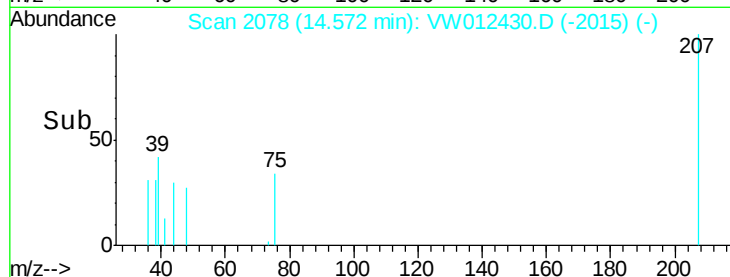
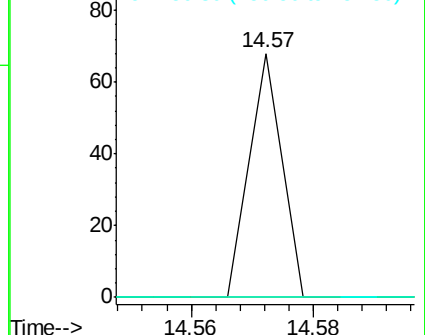
157 0.0 50.5 151.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#96

1,2,3-Trichlorobenzene

Concen: 6.225 ug/l

RT: 15.74 min Scan# 2270

Delta R.T. 0.18 min

Lab File: VW012430.D

Acq: 01 Sep 2019 05:48

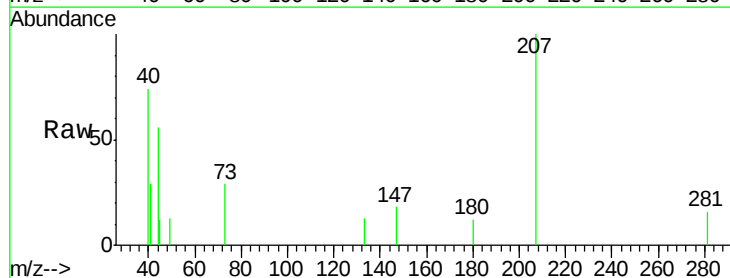
Tgt Ion: 180 Resp: 19

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 0.0 16.2 48.5#



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

