

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012529.D
 Acq On : 03 Sep 2019 05:24
 Operator : SY/VA
 Sample : K4544-16
 Misc : 4.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(2.25)

Quant Time: Sep 03 07:47:03 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	7.99	168	228	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.87	114	129	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.67	117	78	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.58	152	38	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	130	47.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	185	240.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	480.52%	
50) Toluene-d8	10.33	98	165	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.64	95	22	19.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	39.98%	

Target Compounds						Qvalue
3) Chloromethane	2.23	50	53	24.368	ug/l #	43
6) Chloroethane	2.92	64	21	13.984	ug/l #	45
8) Diethyl Ether	3.92	74	20	15.763	ug/l #	1
11) Tert butyl alcohol	5.12	59	19	116.487	ug/l #	71
12) 1,1-Dichloroethene	4.19	96	53	23.175	ug/l #	1
13) Acrolein	3.82	56	40	260.523	ug/l #	15
14) Allyl chloride	4.60	41	23	4.704	ug/l #	28
15) Acrylonitrile	5.11	53	22	34.982	ug/l #	17
16) Acetone	4.16	43	51	73.612	ug/l #	47
18) Methyl Acetate	4.74	43	42	24.475	ug/l #	57
19) Methyl tert-butyl Ether	5.24	73	20	5.408	ug/l #	52
22) Diisopropyl ether	6.32	45	23	2.538	ug/l #	36
23) Vinyl Acetate	6.27	43	50	8.965	ug/l #	77
24) 1,1-Dichloroethane	6.13	63	46	9.322	ug/l #	84
25) 2-Butanone	7.20	43	46	48.860	ug/l #	56
27) cis-1,2-Dichloroethene	7.30	96	22	8.396	ug/l #	1
28) Bromochloromethane	7.34	49	38	17.669	ug/l #	24
29) Tetrahydrofuran	7.52	42	19	33.638	ug/l #	42
30) Chloroform	7.62	83	40	8.860	ug/l #	19
31) Cyclohexane	8.23	56	43	8.808	ug/l #	21
37) Ethyl Acetate	7.30	43	19	26.010	ug/l #	73
40) Benzene	8.38	78	512	140.658	ug/l #	51
41) Methacrylonitrile	7.50	41	50	116.458	ug/l #	27
42) 1,2-Dichloroethane	8.55	62	25	21.914	ug/l #	77
43) Isopropyl Acetate	8.46	43	28	20.693	ug/l #	55
45) 1,2-Dichloropropane	9.24	63	21	21.436	ug/l #	43
48) Methyl methacrylate	9.38	41	20	31.055	ug/l #	19
49) 1,4-Dioxane	9.43	88	19	2847.425	ug/l #	14
51) 4-Methyl-2-Pentanone	10.11	43	20	29.060	ug/l #	40
54) cis-1,3-Dichloropropene	9.87	75	33	23.129	ug/l #	28
57) 1,3-Dichloropropane	10.88	76	21	18.020	ug/l #	42
59) 2-Hexanone	10.98	43	47	96.515	ug/l #	28
60) Dibromochloromethane	11.08	129	22	32.028	ug/l #	11
67) Ethyl Benzene	11.56	91	19	6.422	ug/l #	44

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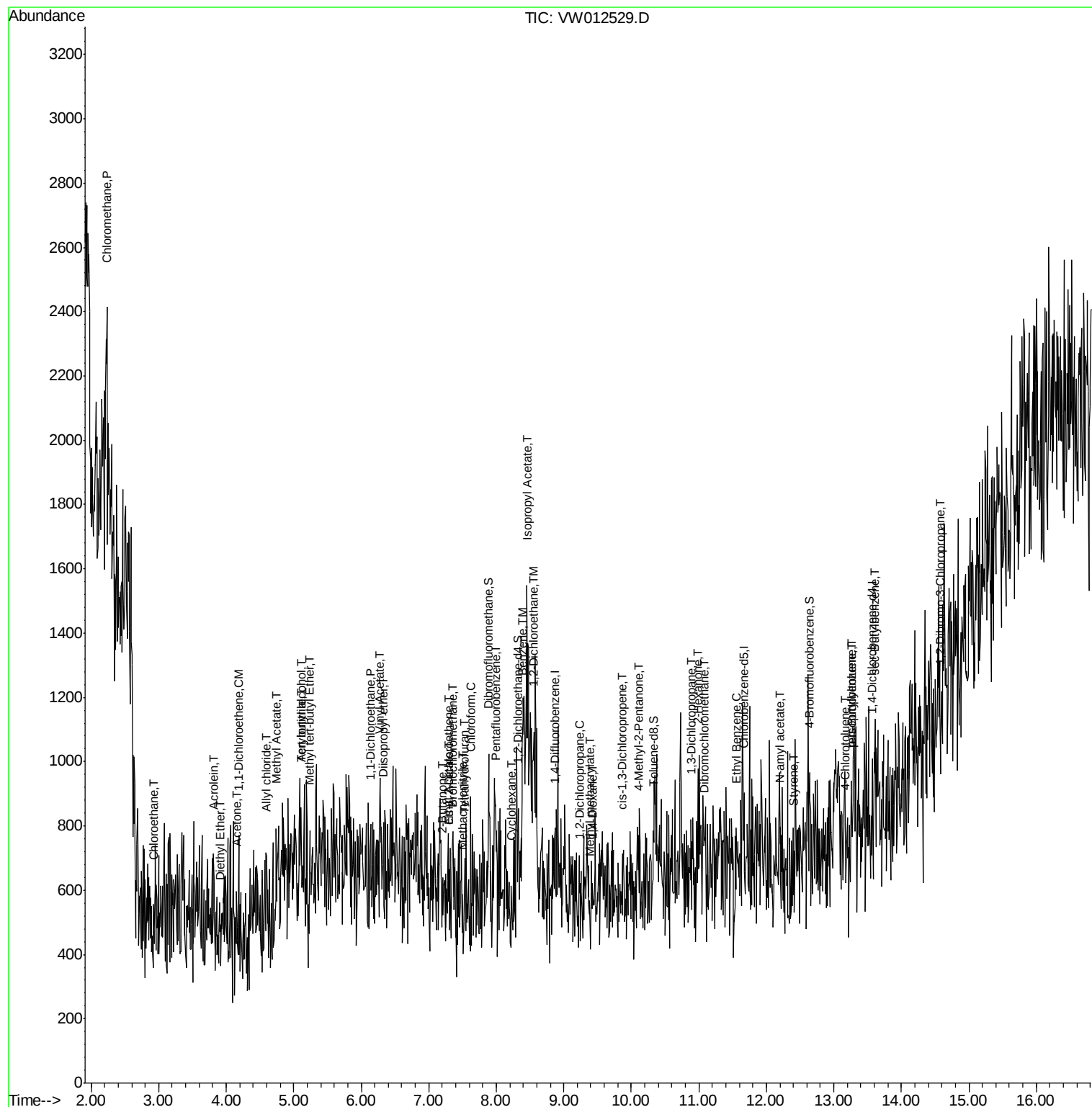
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	12.41	104	21	12.300	ug/l #	25
74) N-amyl acetate	12.21	43	21	24.411	ug/l #	47
82) 4-Chlorotoluene	13.18	91	40	19.357	ug/l #	43
83) tert-Butylbenzene	13.27	119	20	9.923	ug/l #	24
85) sec-Butylbenzene	13.61	105	22	7.619	ug/l #	57
86) p-Isopropyltoluene	13.27	119	20	7.756	ug/l #	50
92) 1,2-Dibromo-3-Chloropropan	14.58	75	25	284.082	ug/l #	5

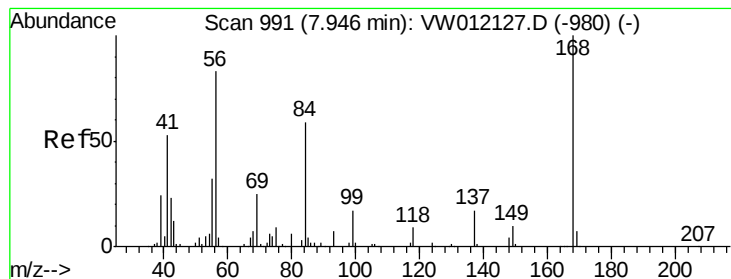
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 998

Delta R.T. 0.04 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

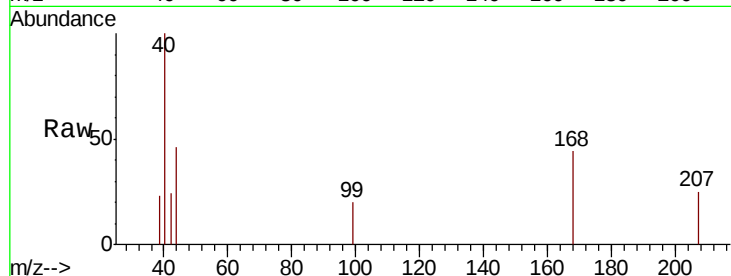
T16-17-C2-(2.25)

Tgt Ion:168 Resp: 228

Ion Ratio Lower Upper

168 100

99 45.5 49.2 73.8#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.99

150

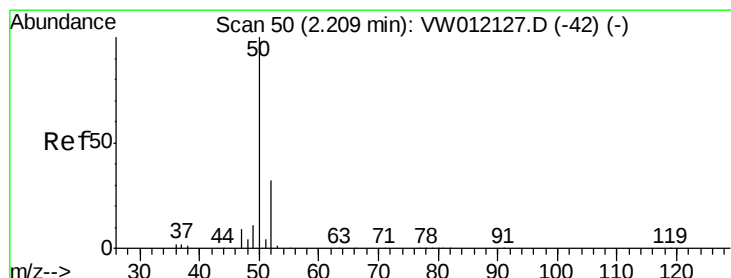
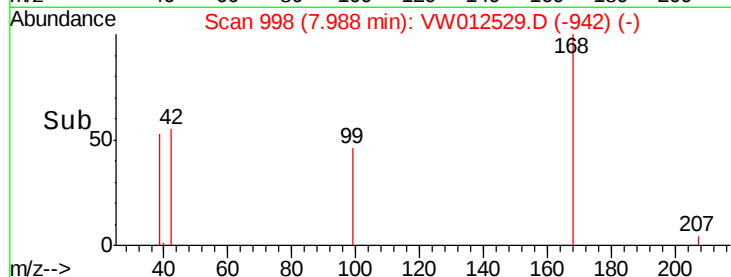
100

50

0

7.94 7.96 7.98 8.00

Time-->



#3

Chloromethane

Concen: 24.368 ug/l

RT: 2.23 min Scan# 53

Delta R.T. 0.02 min

Lab File: VW012529.D

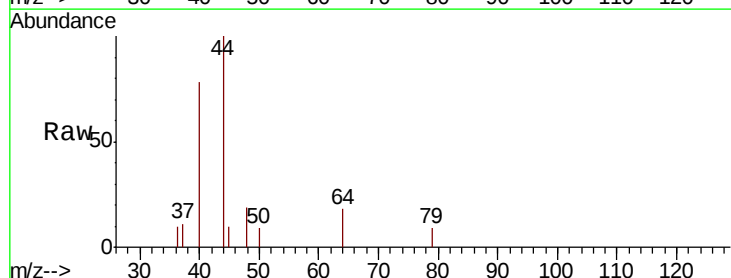
Acq: 03 Sep 2019 05:24

Tgt Ion: 50 Resp: 53

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.23

80

60

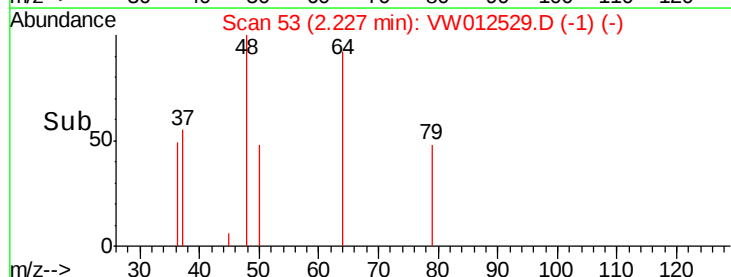
40

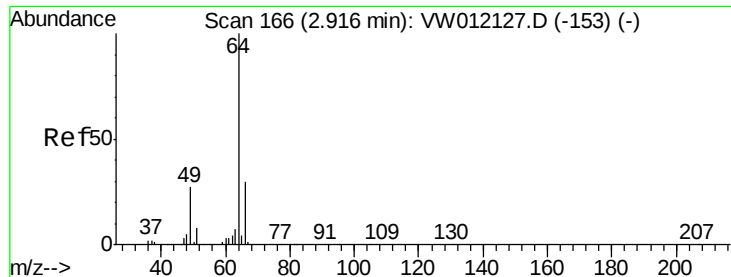
20

0

2.20 2.22 2.24

Time-->





#6

Chloroethane

Concen: 13.984 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

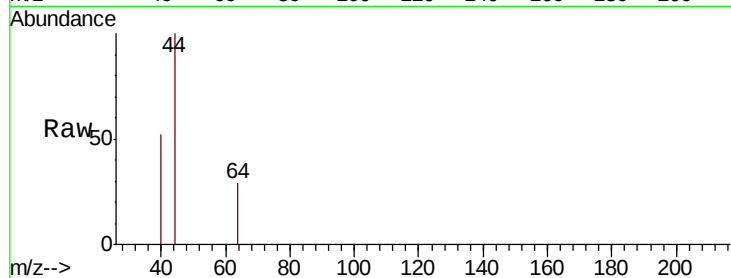
T16-17-C2-(2.25)

Tgt Ion: 64 Resp: 21

Ion Ratio Lower Upper

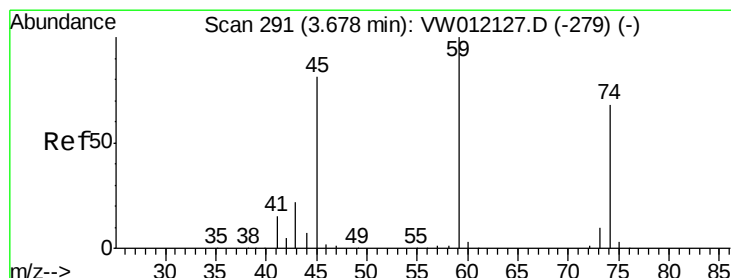
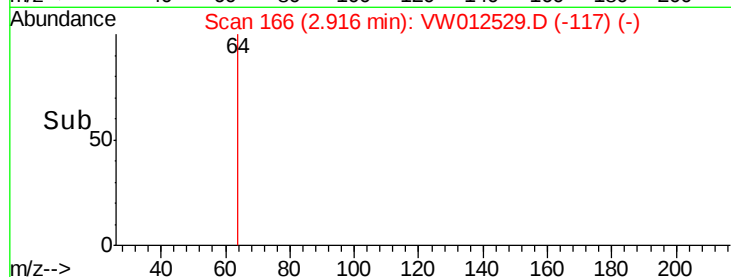
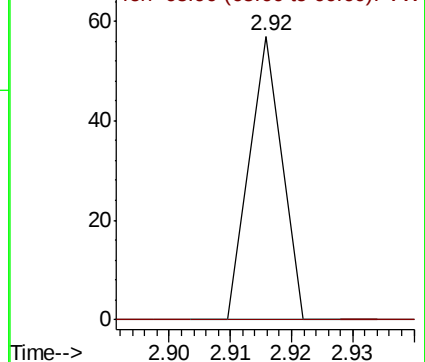
64 100

66 0.0 23.8 35.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



#8

Diethyl Ether

Concen: 15.763 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.24 min

Lab File: VW012529.D

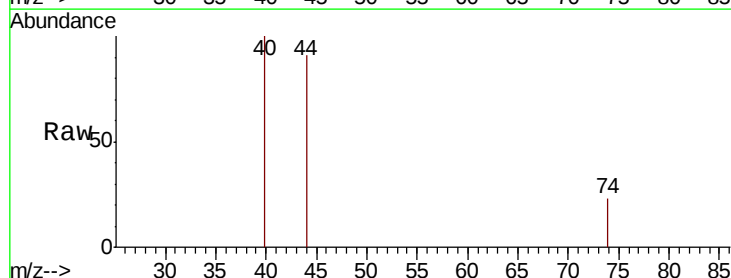
Acq: 03 Sep 2019 05:24

Tgt Ion: 74 Resp: 20

Ion Ratio Lower Upper

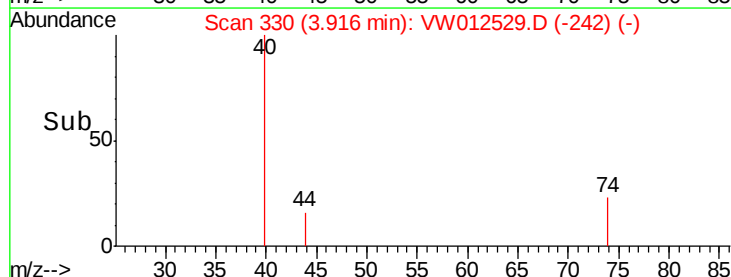
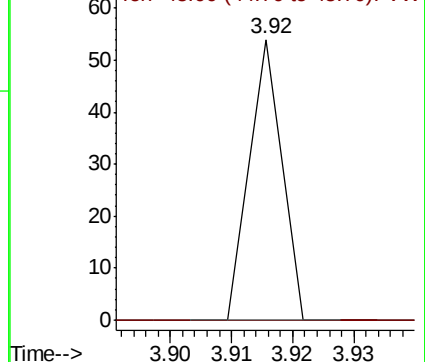
74 100

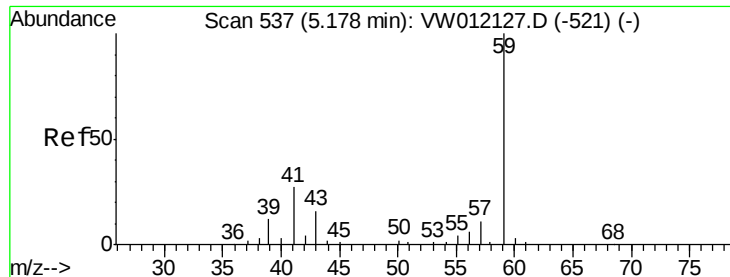
45 0.0 59.2 177.6#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

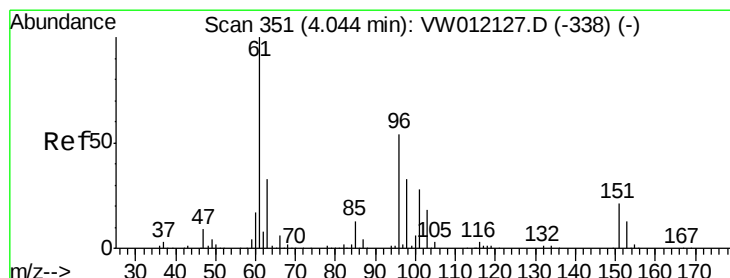
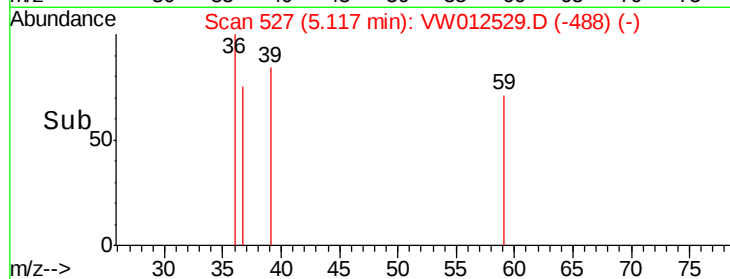
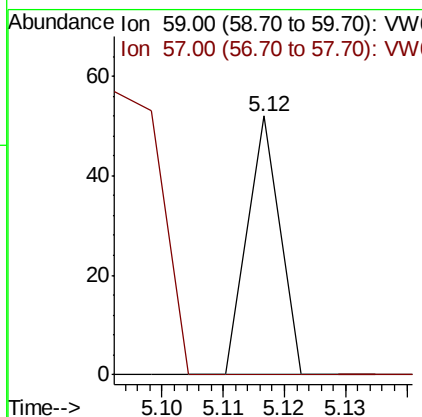
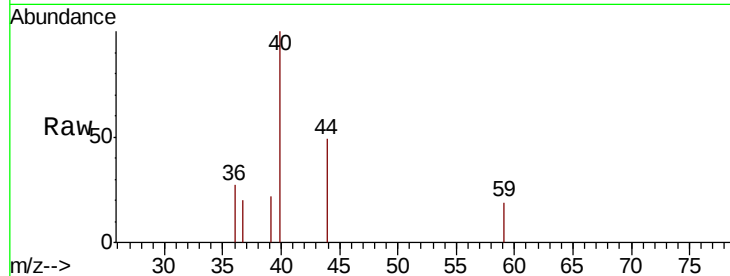




#11
Tert butyl alcohol
Concen: 116.487 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.06 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

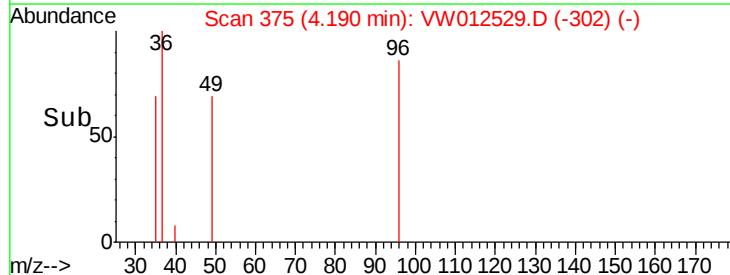
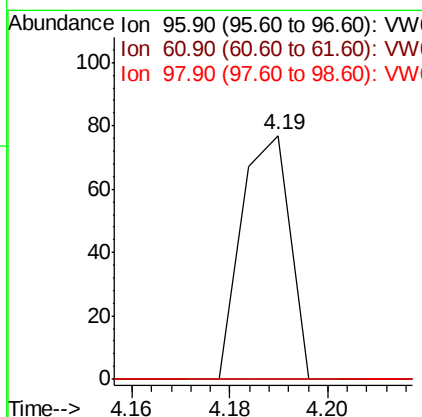
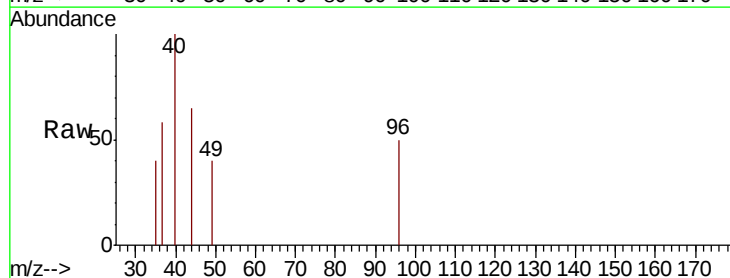
Instrument :
MSVOA_W
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T16-17-C2-(2.25)

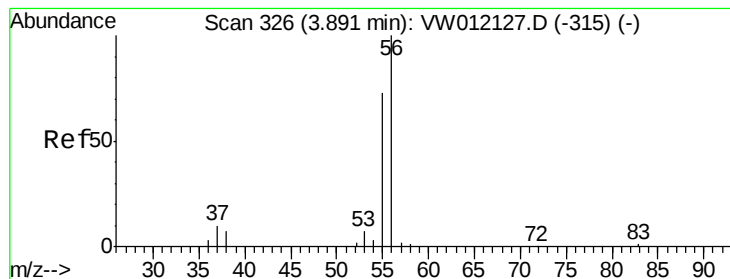
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 23.175 ug/l
RT: 4.19 min Scan# 375
Delta R.T. 0.15 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 149.1 223.7#
98 0.0 49.4 74.2#





#13

Acrolein

Concen: 260.523 ug/l

RT: 3.82 min Scan# 314

Delta R.T. -0.07 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

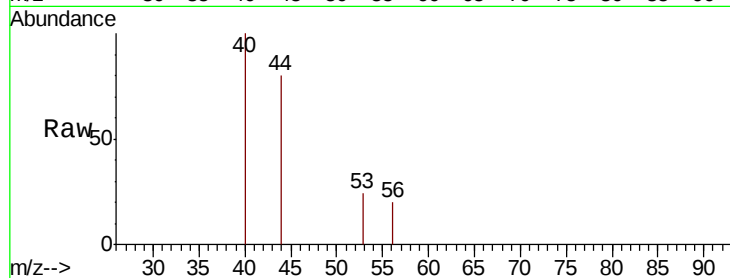
T16-17-C2-(2.25)

Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#

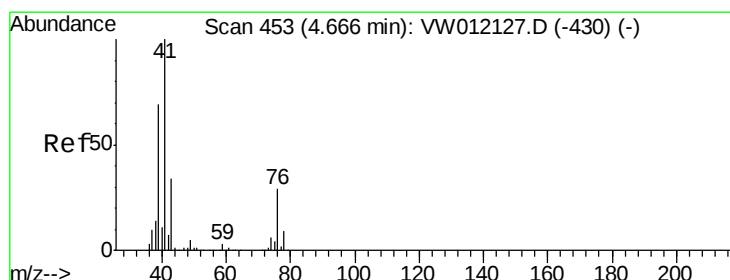
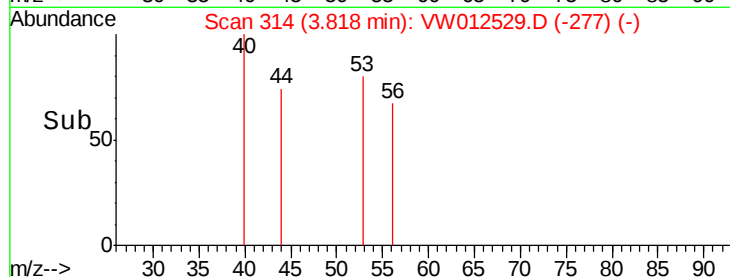


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.82

Time-->



#14

Allyl chloride

Concen: 4.704 ug/l

RT: 4.60 min Scan# 443

Delta R.T. -0.06 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

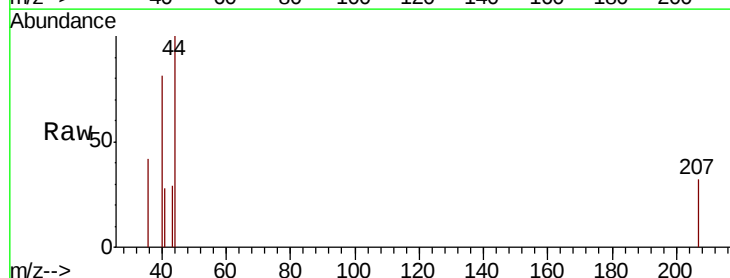
Tgt Ion: 41 Resp: 23

Ion Ratio Lower Upper

41 100

39 130.4 53.4 80.2#

76 0.0 22.1 33.1#



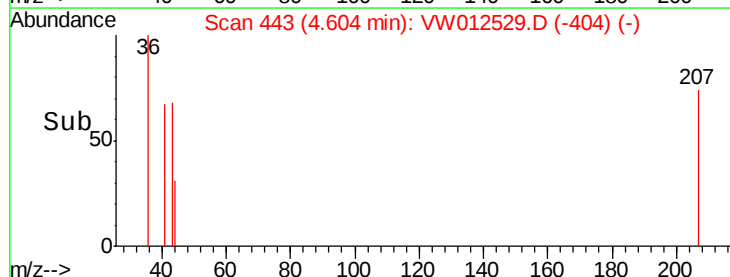
Abundance Ion 41.00 (40.70 to 41.70): VW

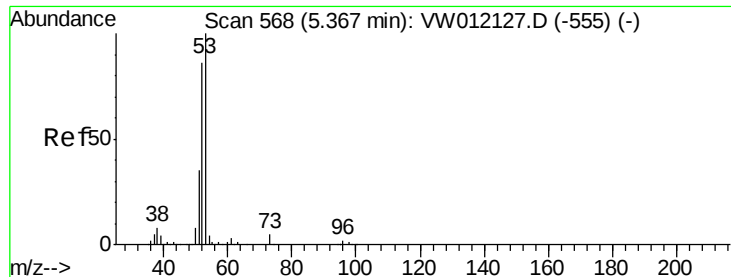
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.60

Time-->





#15

Acrylonitrile

Concen: 34.982 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.26 min

Lab File: VW012529.D

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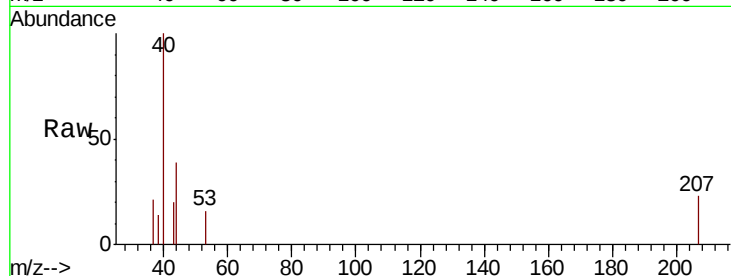
Tgt Ion: 53 Resp: 22

Ion Ratio Lower Upper

53 100

52 0.0 66.7 100.1#

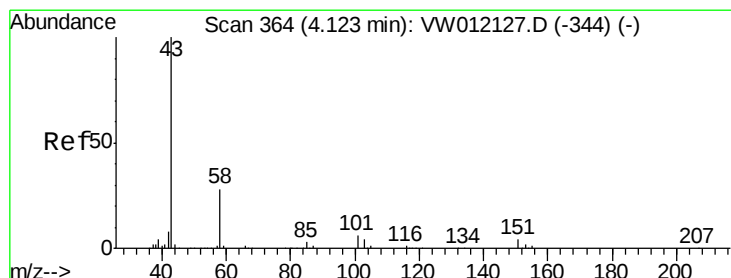
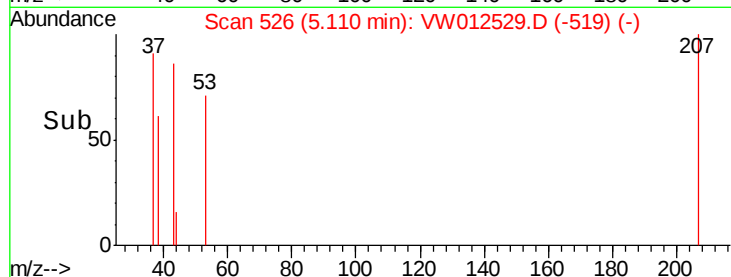
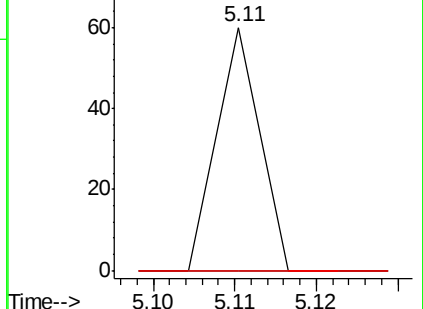
51 0.0 30.1 45.1#



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: 73.612 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.04 min

Lab File: VW012529.D

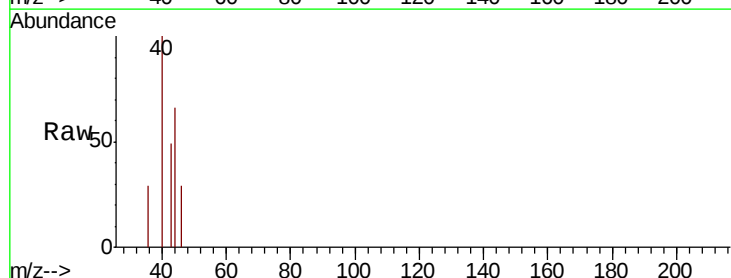
Acq: 03 Sep 2019 05:24

Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

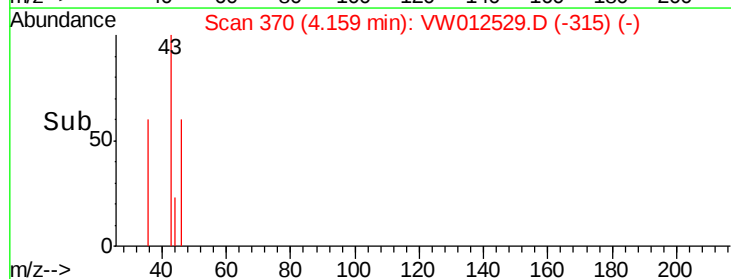
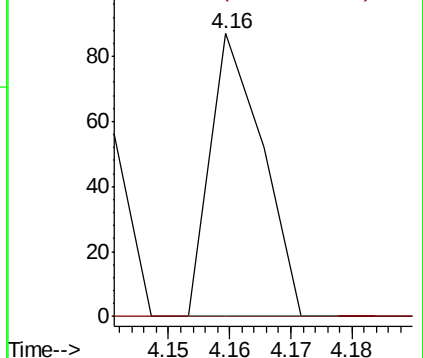
43 100

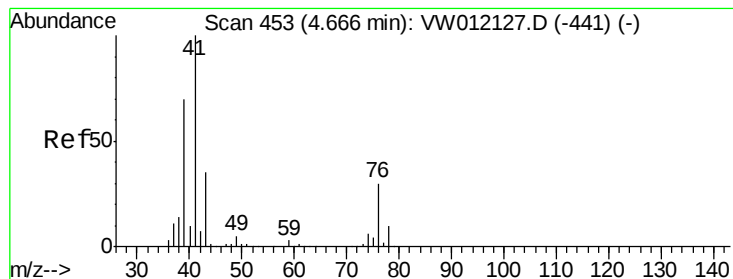
58 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 24.475 ug/l

RT: 4.74 min Scan# 465

Delta R.T. 0.07 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

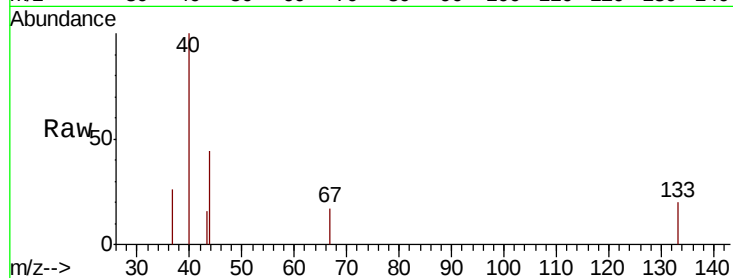
T16-17-C2-(2.25)

Tgt Ion: 43 Resp: 42

Ion Ratio Lower Upper

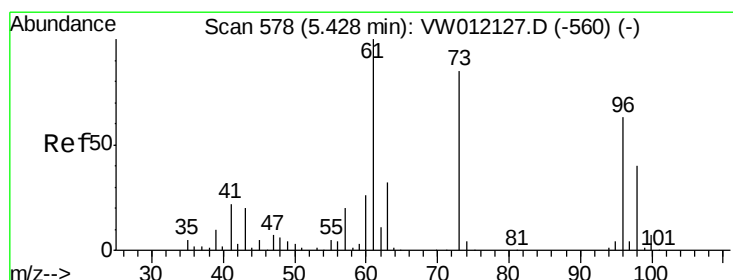
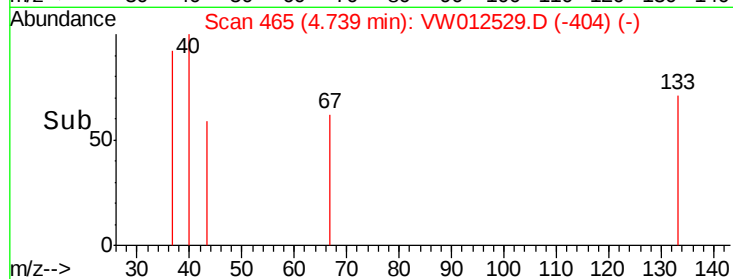
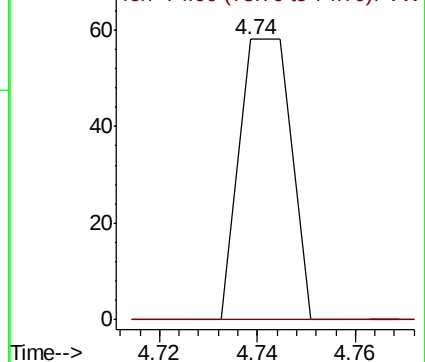
43 100

74 0.0 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#19

Methyl tert-butyl Ether

Concen: 5.408 ug/l

RT: 5.24 min Scan# 548

Delta R.T. -0.18 min

Lab File: VW012529.D

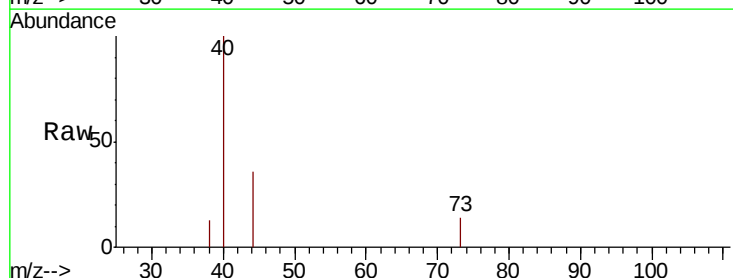
Acq: 03 Sep 2019 05:24

Tgt Ion: 73 Resp: 20

Ion Ratio Lower Upper

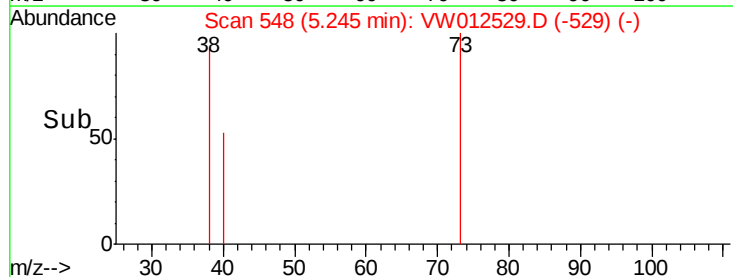
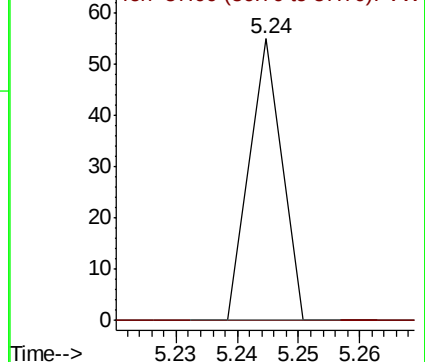
73 100

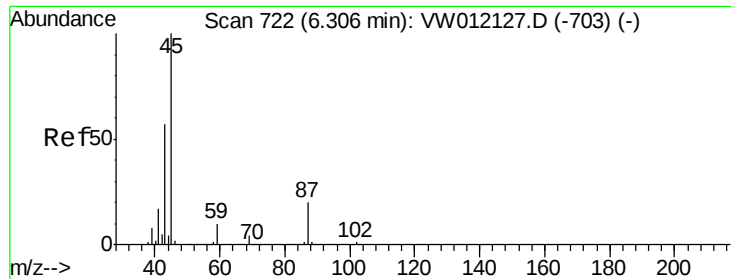
57 0.0 18.9 28.3#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW





#22

Diisopropyl ether

Concen: 2.538 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.02 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

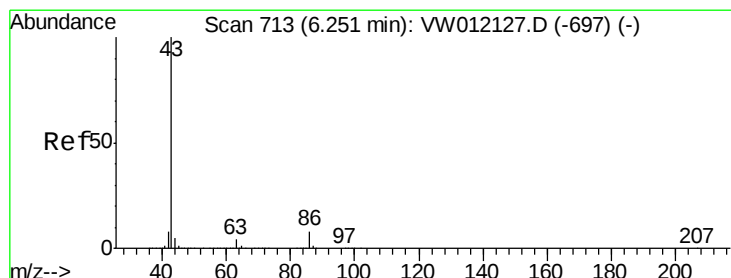
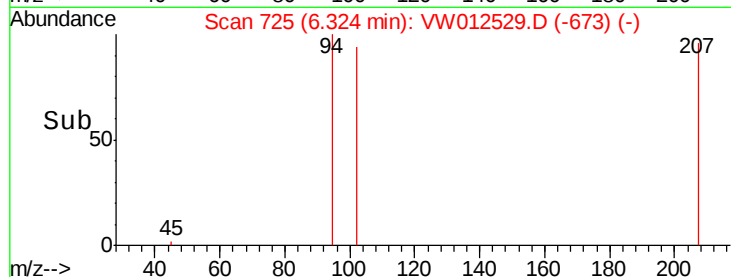
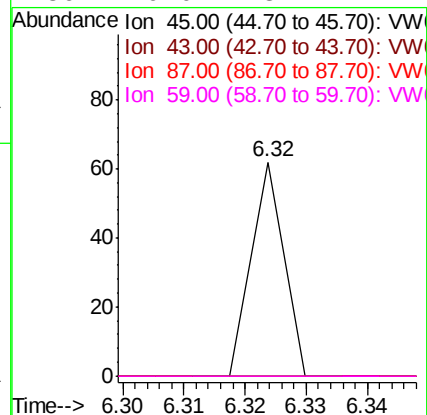
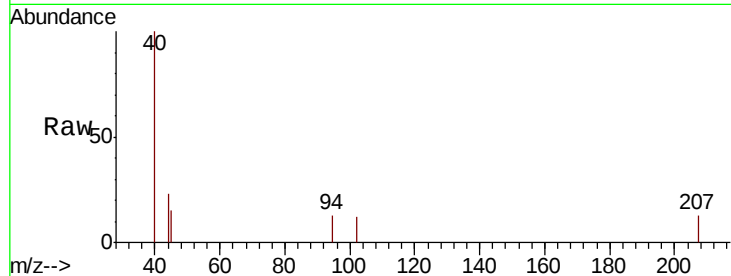
Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

Tgt Ion:	45	Resp:	23
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.5	68.3#
87	0.0	16.1	24.1#
59	0.0	8.2	12.2#



#23

Vinyl Acetate

Concen: 8.965 ug/l

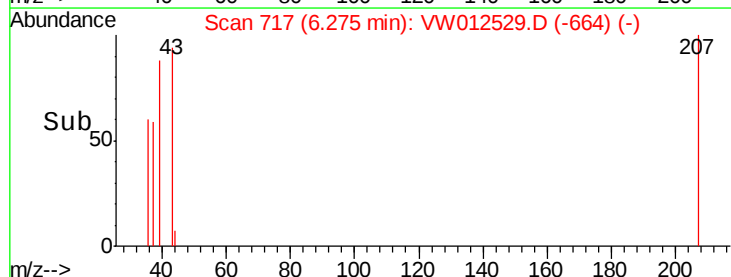
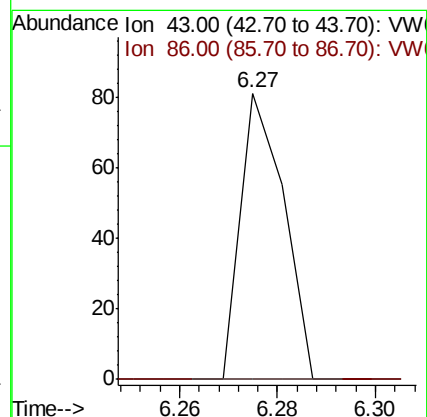
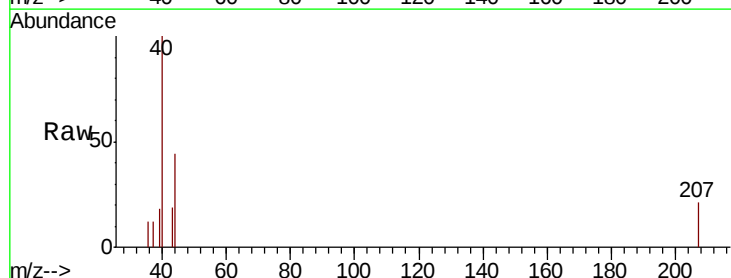
RT: 6.27 min Scan# 717

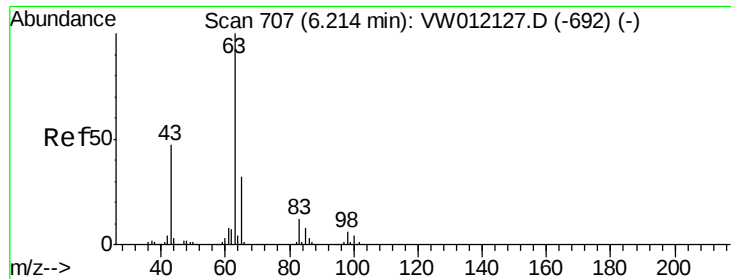
Delta R.T. 0.02 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Tgt Ion:	43	Resp:	50
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#





#24

1,1-Dichloroethane

Concen: 9.322 ug/l

RT: 6.13 min Scan# 694

Delta R.T. -0.08 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

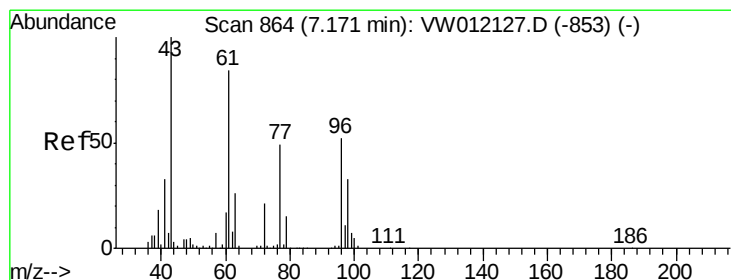
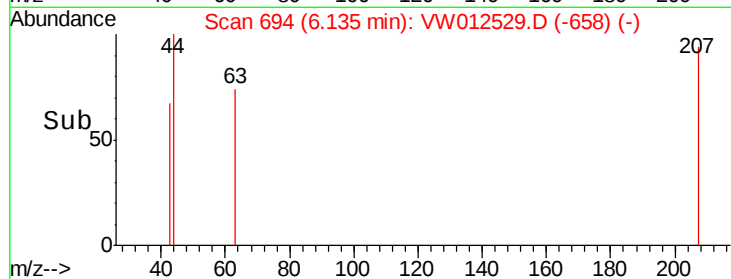
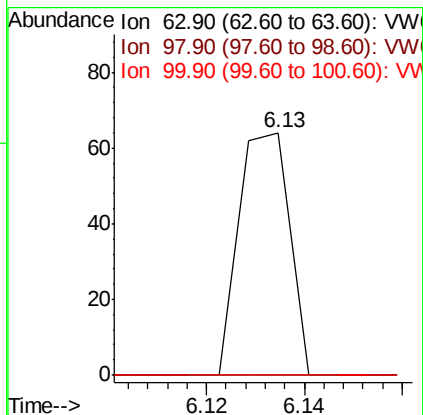
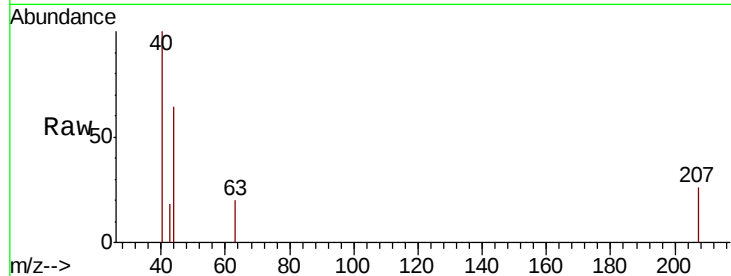
Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

Tgt Ion:	63	Resp:	46
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.2#
100	0.0	2.0	6.0#



#25

2-Butanone

Concen: 48.860 ug/l

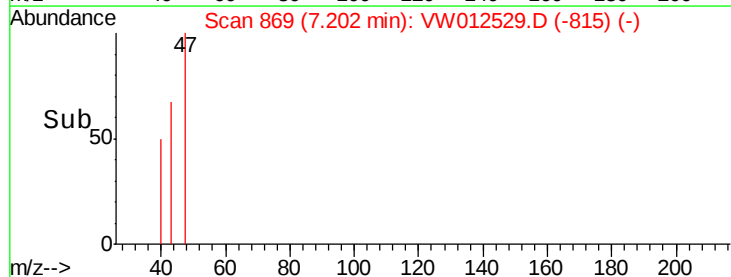
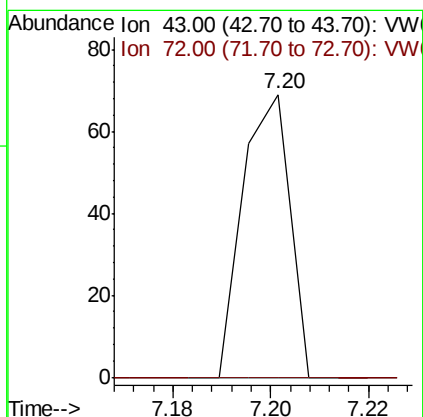
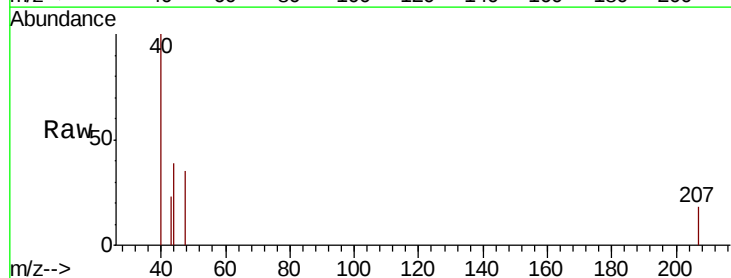
RT: 7.20 min Scan# 869

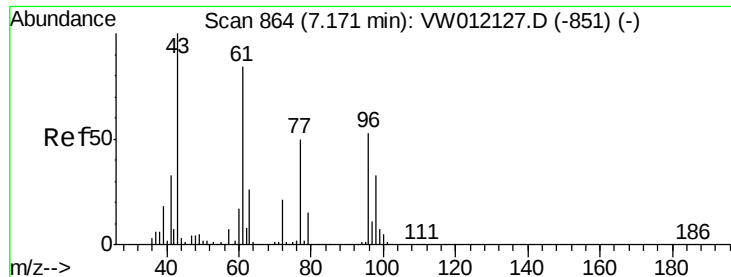
Delta R.T. 0.03 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Tgt Ion:	43	Resp:	46
Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.6	24.8#



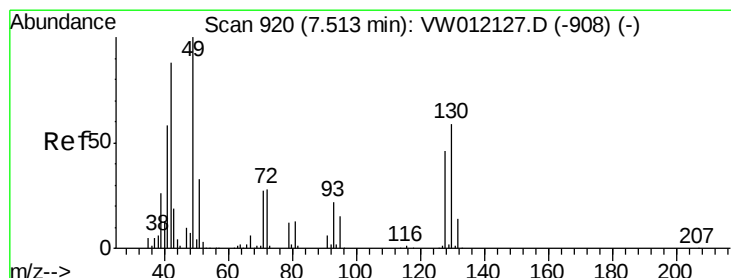
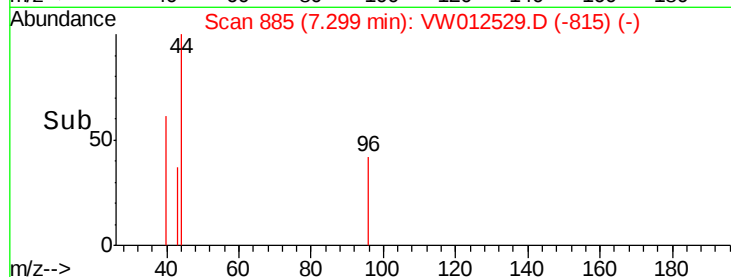
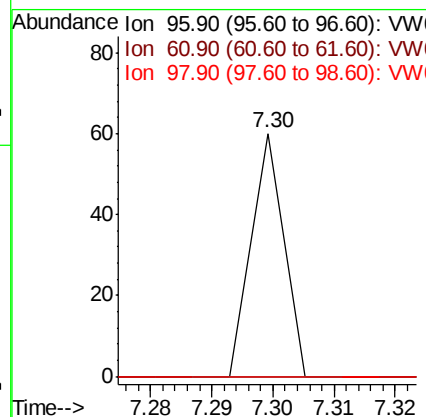
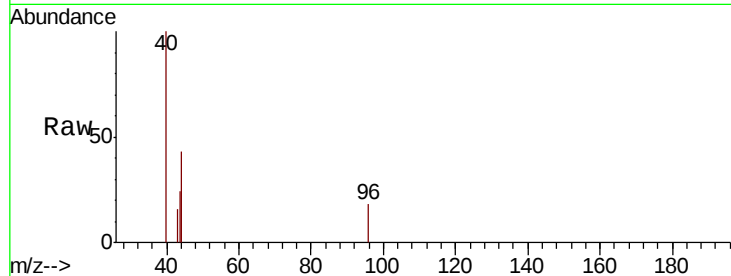


#27

cis-1,2-Dichloroethene
Concen: 8.396 ug/l
RT: 7.30 min Scan# 885
Delta R.T. 0.13 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

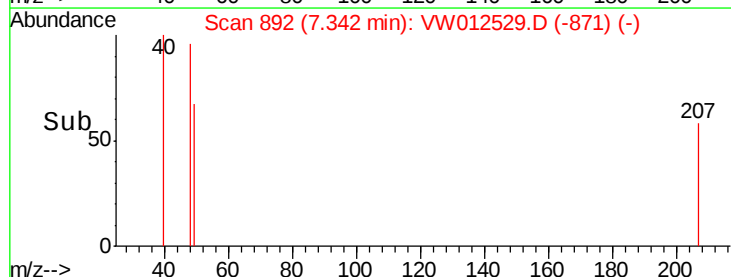
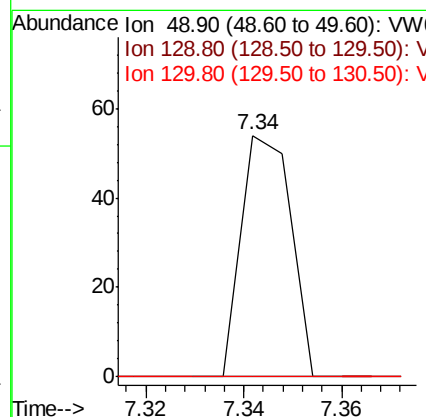
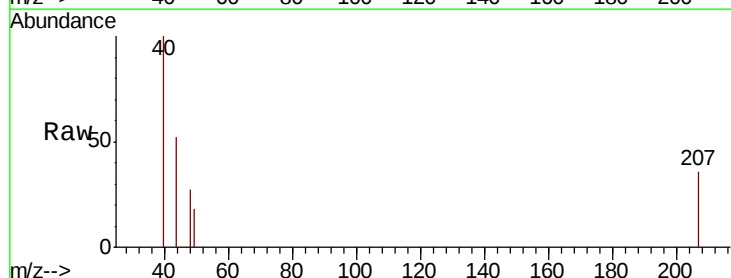
Tgt Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	326.6
98	0.0	0.0	127.4

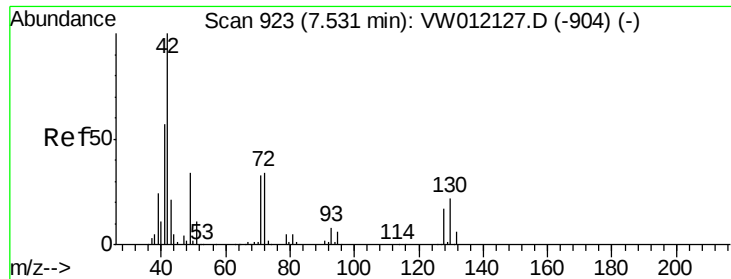


#28

Bromochloromethane
Concen: 17.669 ug/l
RT: 7.34 min Scan# 892
Delta R.T. -0.17 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

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

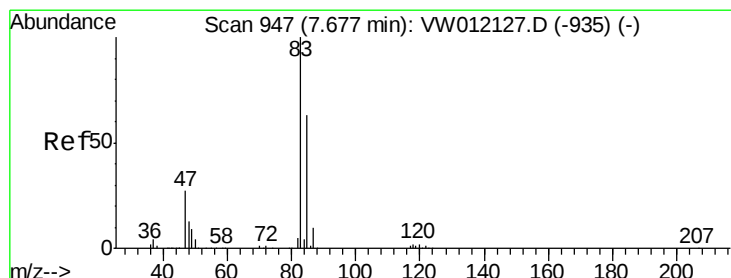
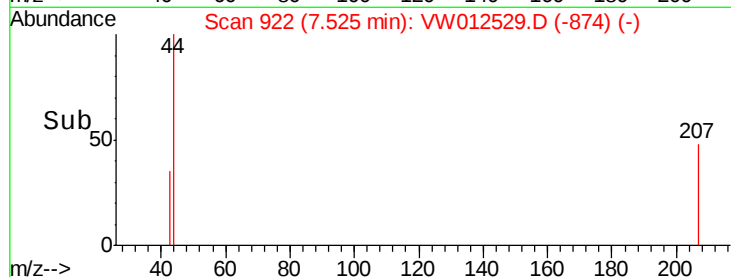
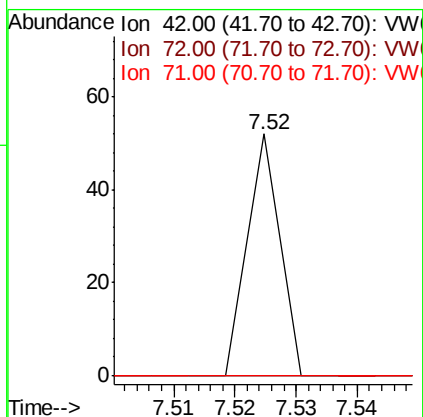
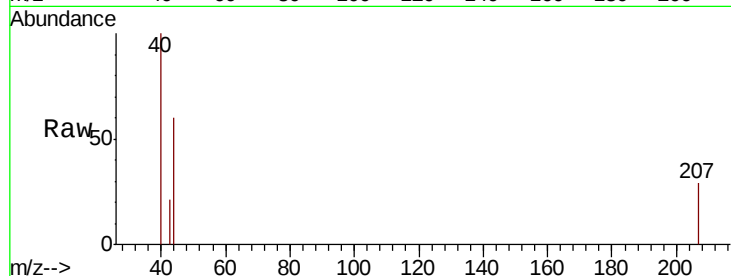




#29
Tetrahydrofuran
Concen: 33.638 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

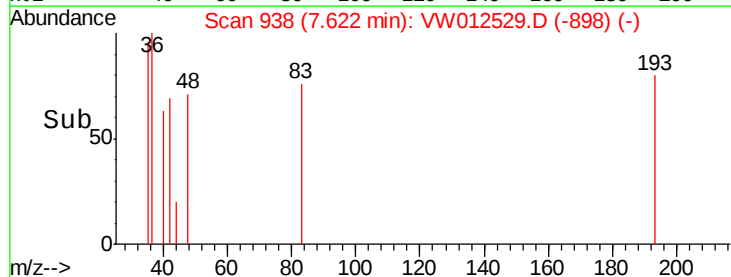
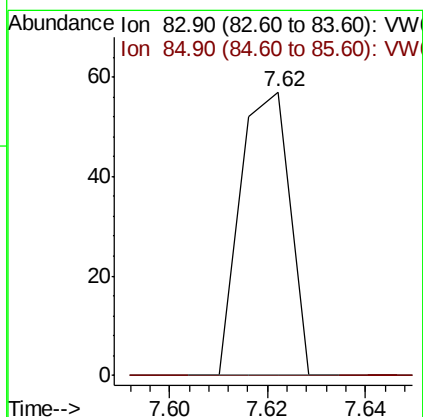
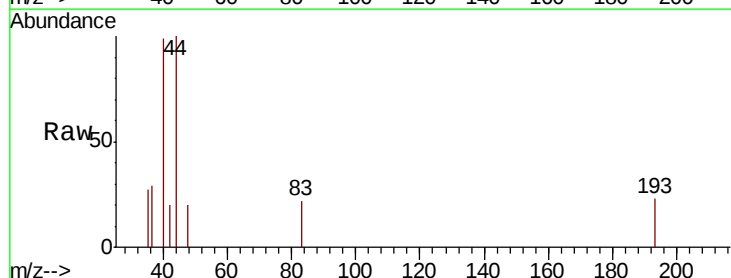
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

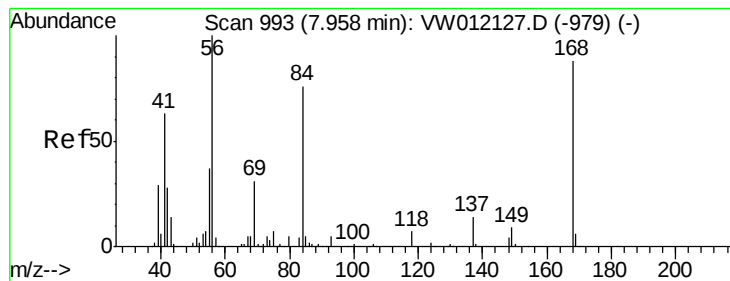
Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 27.3 40.9#
71 0.0 25.5 38.3#



#30
Chloroform
Concen: 8.860 ug/l
RT: 7.62 min Scan# 938
Delta R.T. -0.06 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion: 83 Resp: 40
Ion Ratio Lower Upper
83 100
85 0.0 50.6 76.0#





#31

Cyclohexane

Concen: 8.808 ug/l

RT: 8.23 min Scan# 1038

Delta R.T. 0.27 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

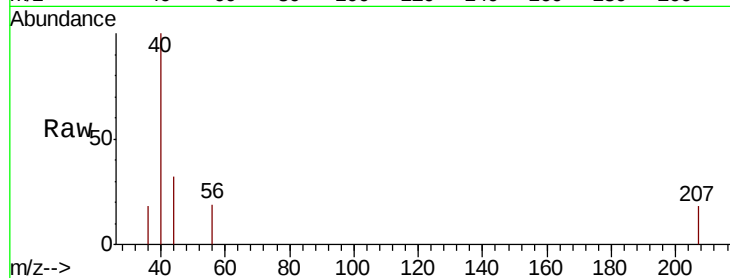
Tgt Ion: 56 Resp: 43

Ion Ratio Lower Upper

56 100

69 0.0 24.9 37.3#

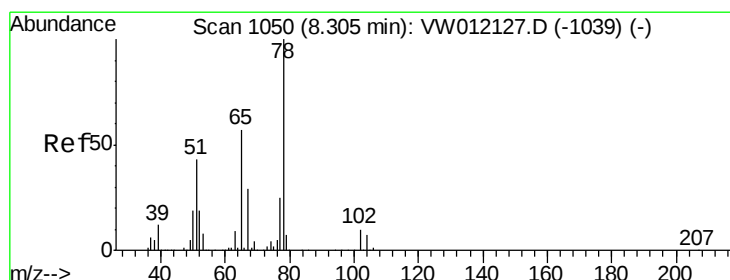
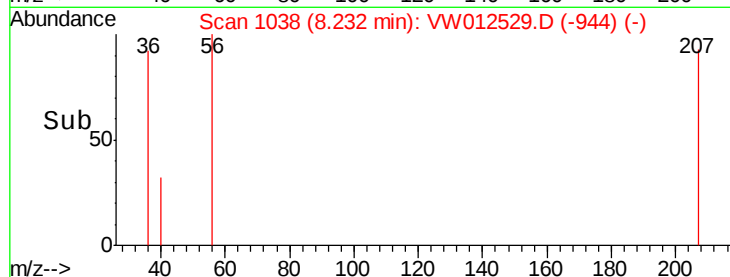
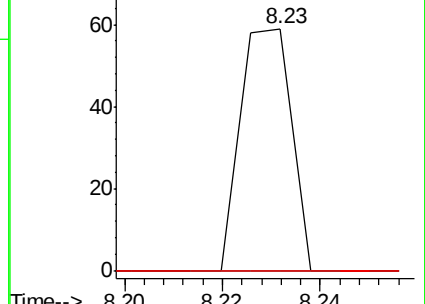
84 0.0 60.6 90.8#



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: 47.964 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VW012529.D

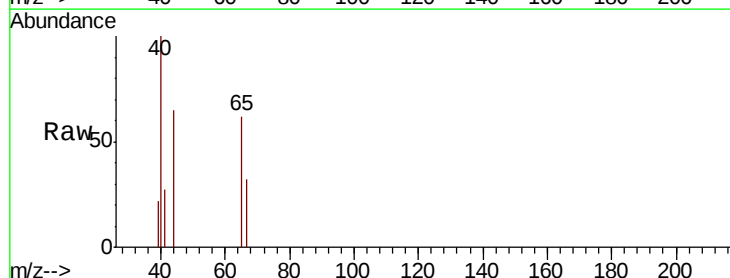
Acq: 03 Sep 2019 05:24

Tgt Ion: 65 Resp: 130

Ion Ratio Lower Upper

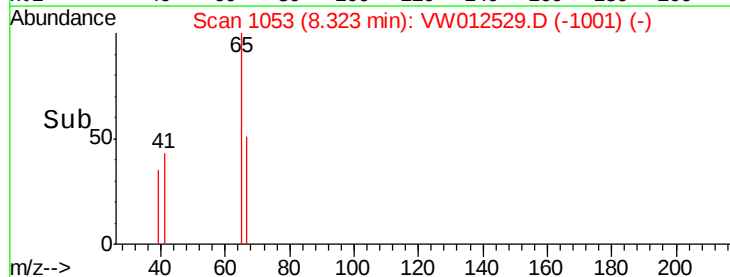
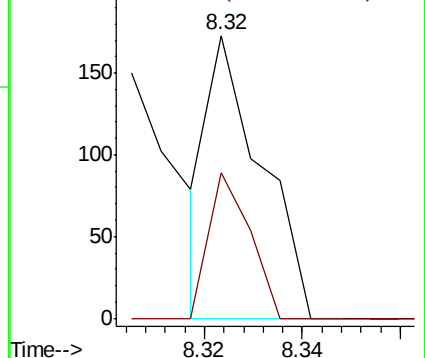
65 100

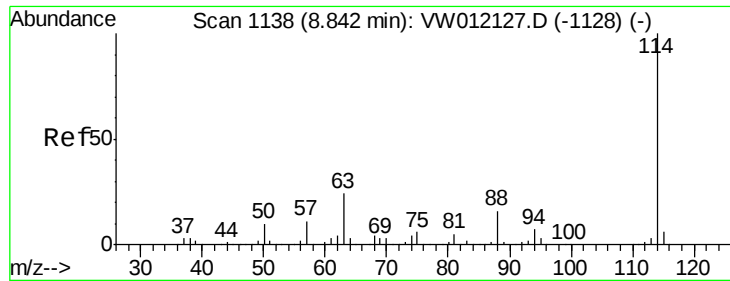
67 40.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

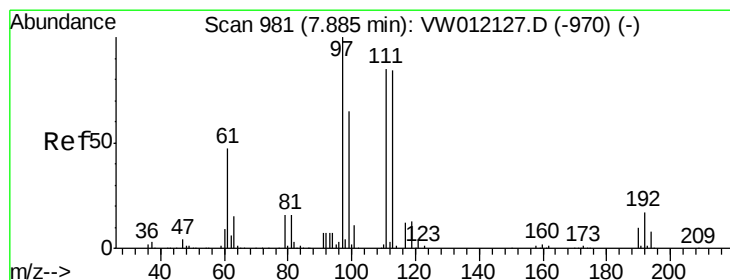
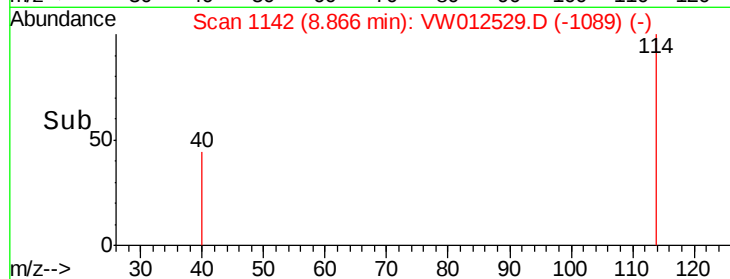
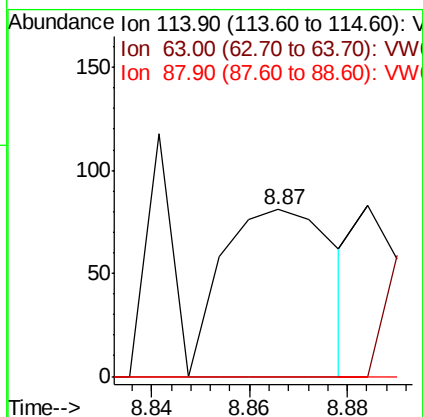
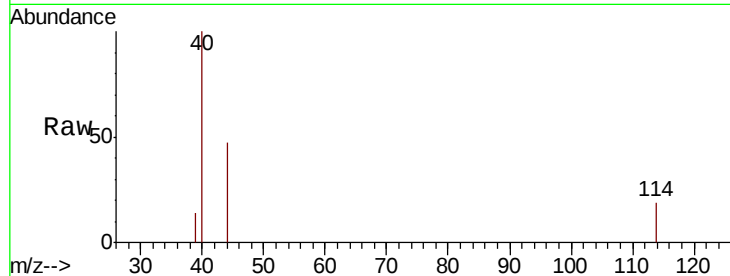




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1142
 Delta R.T. 0.02 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

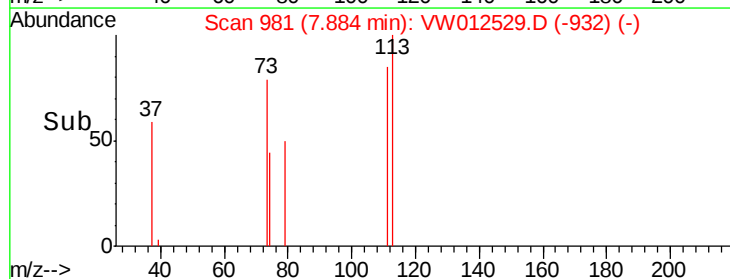
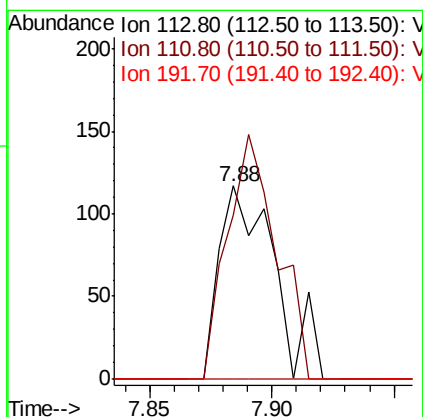
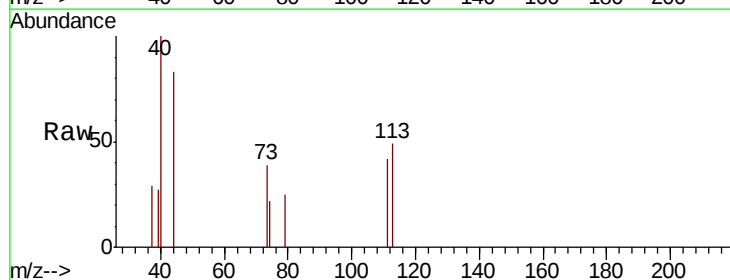
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(2.25)

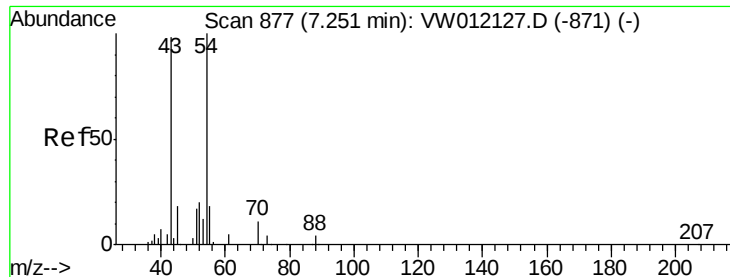
Tgt Ion:114 Resp: 129
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 48.6
 88 0.0 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 240.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

Tgt Ion:113 Resp: 185
 Ion Ratio Lower Upper
 113 100
 111 111.9 82.7 124.1
 192 0.0 16.2 24.2#

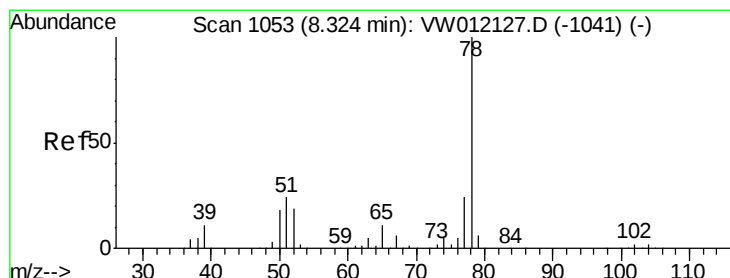
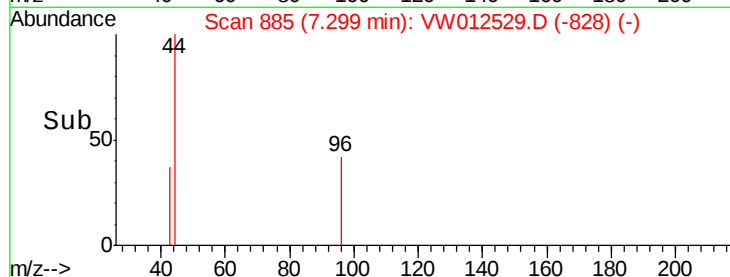
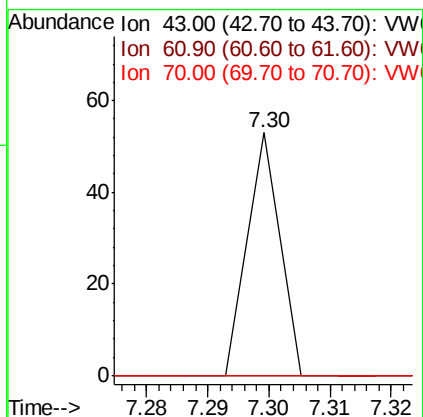
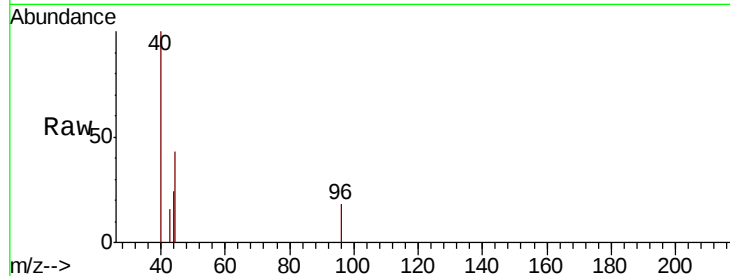




#37
 Ethyl Acetate
 Concen: 26.010 ug/l
 RT: 7.30 min Scan# 885
 Delta R.T. 0.05 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

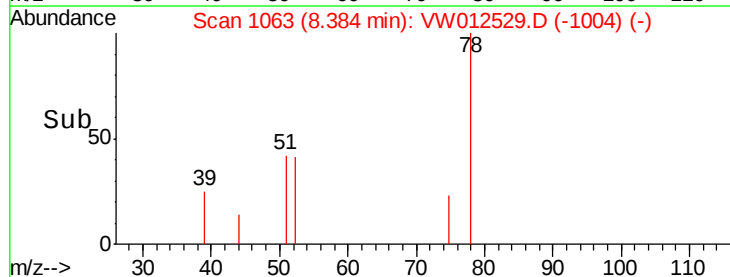
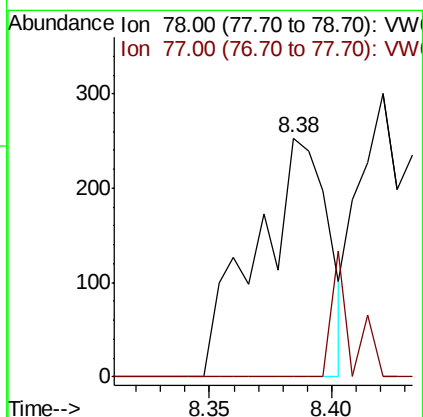
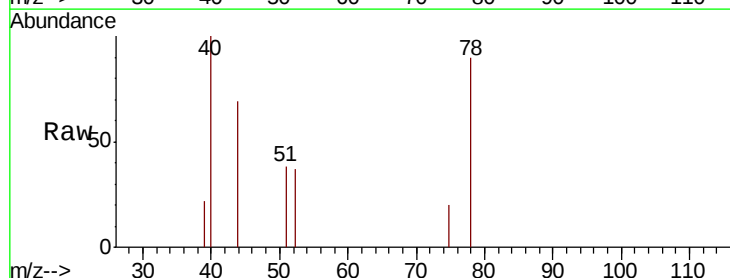
Instrument :
 MSVOA_W
 ClientSampled :
 T16-17-C2-(2.25)

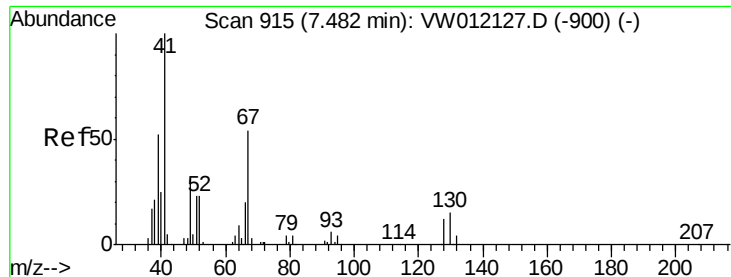
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.2 13.8#
 70 0.0 6.9 10.3#



#40
 Benzene
 Concen: 140.658 ug/l
 RT: 8.38 min Scan# 1063
 Delta R.T. 0.06 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

Tgt Ion: 78 Resp: 512
 Ion Ratio Lower Upper
 78 100
 77 0.0 19.5 29.3#





#41

Methacrylonitrile

Concen: 116.458 ug/l

RT: 7.50 min Scan# 918

Delta R.T. 0.02 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

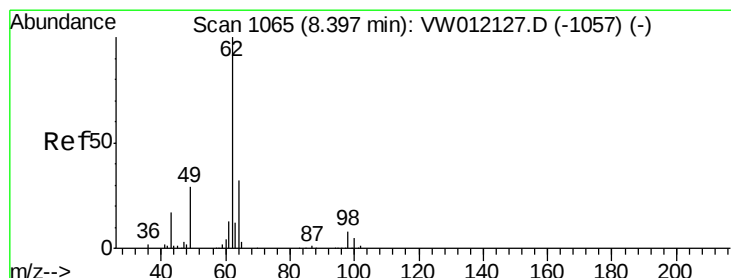
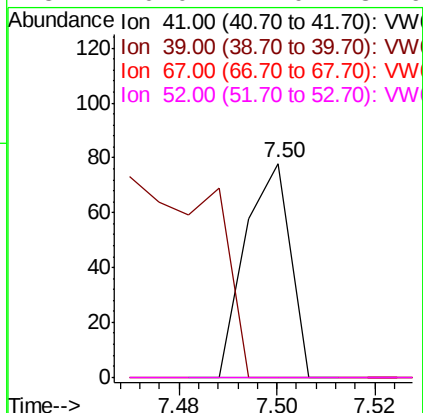
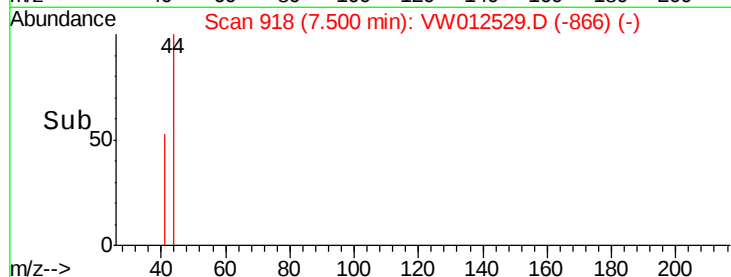
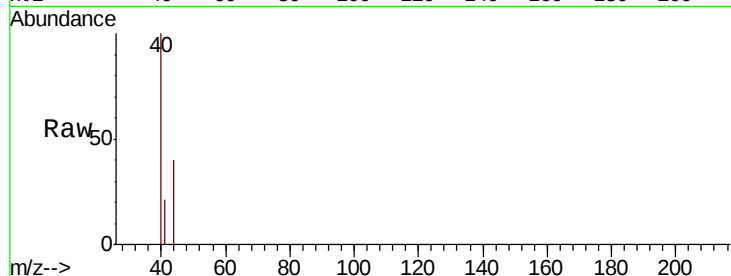
Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

Tgt Ion:	41	Resp:	50
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#



#42

1,2-Dichloroethane

Concen: 21.914 ug/l

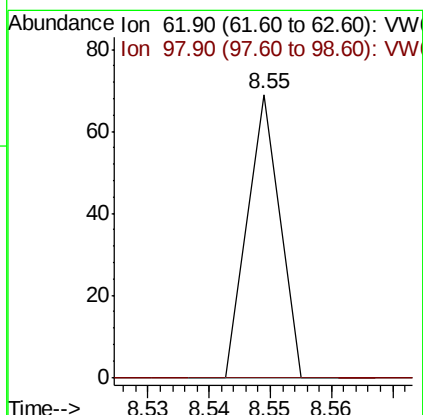
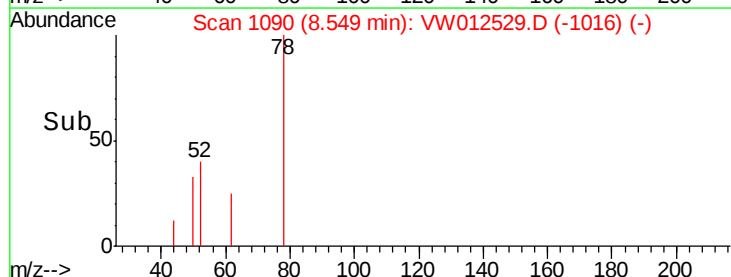
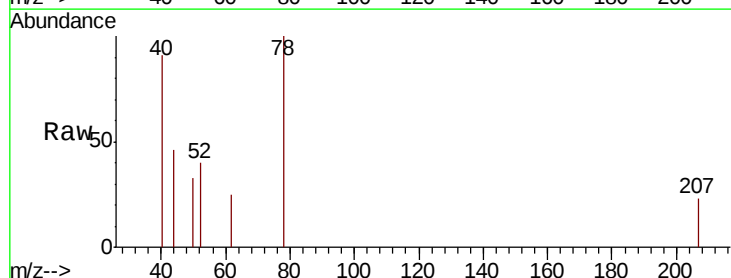
RT: 8.55 min Scan# 1090

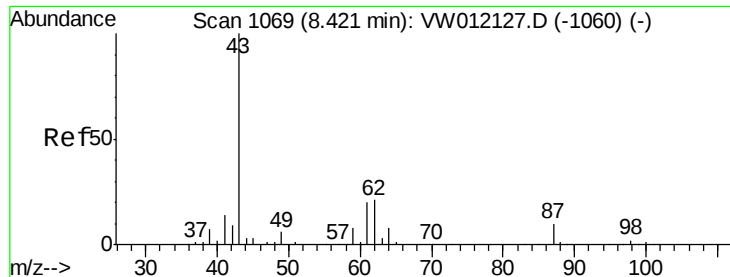
Delta R.T. 0.15 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Tgt Ion:	62	Resp:	25
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.693 ug/l

RT: 8.46 min Scan# 1075

Delta R.T. 0.04 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

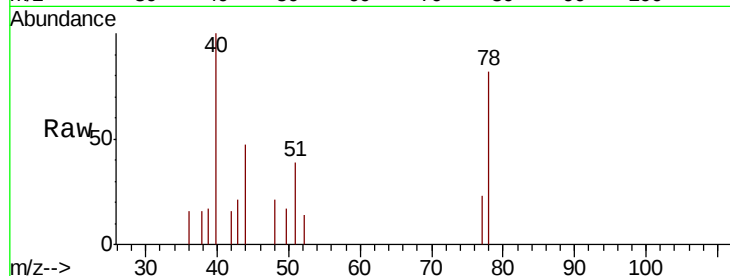
Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

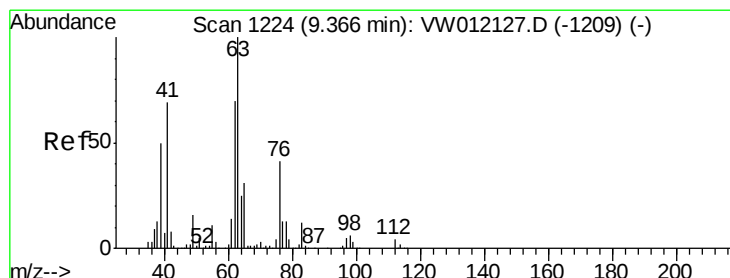
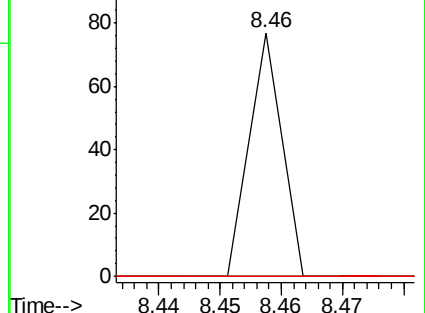
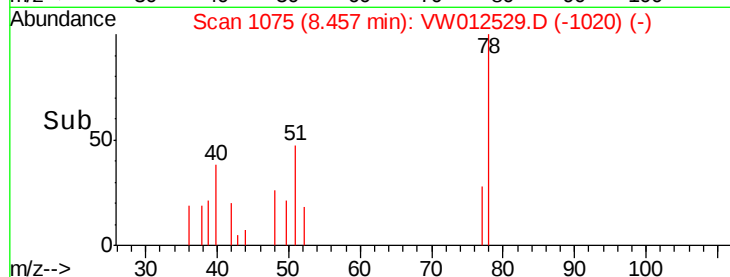
87 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 21.436 ug/l

RT: 9.24 min Scan# 1204

Delta R.T. -0.12 min

Lab File: VW012529.D

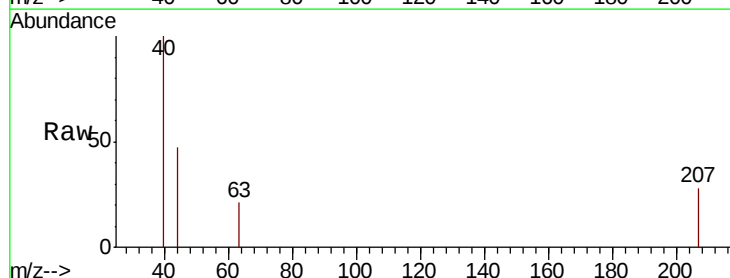
Acq: 03 Sep 2019 05:24

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

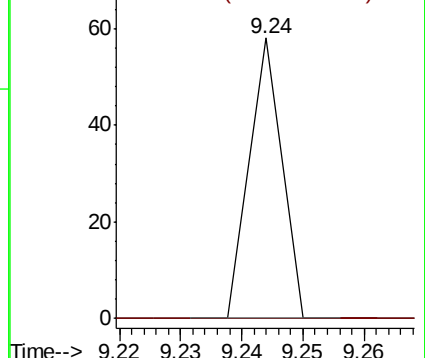
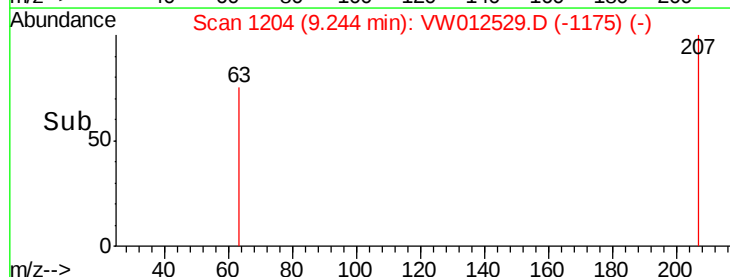
63 100

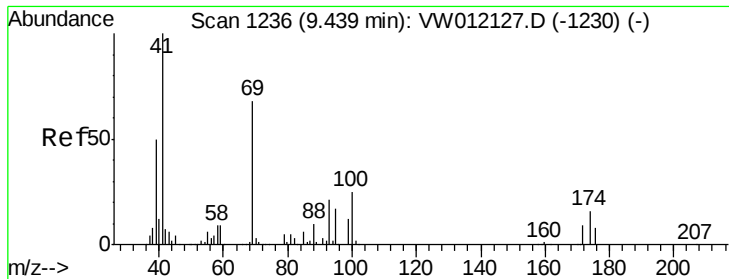
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#48

Methyl methacrylate

Concen: 31.055 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.06 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

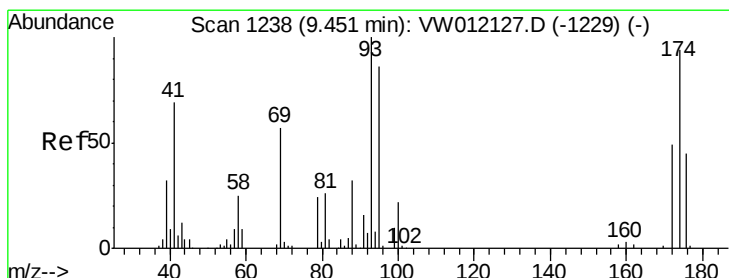
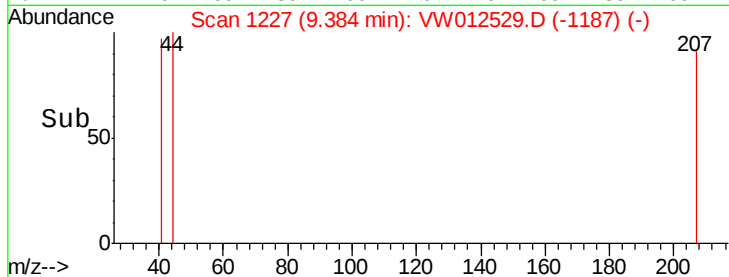
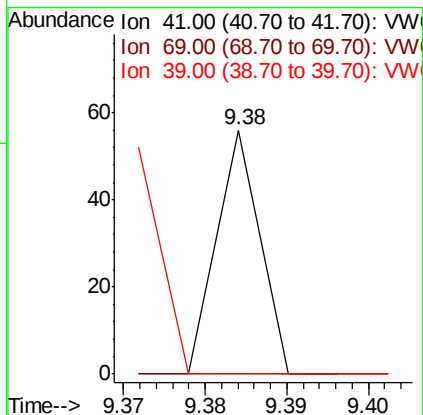
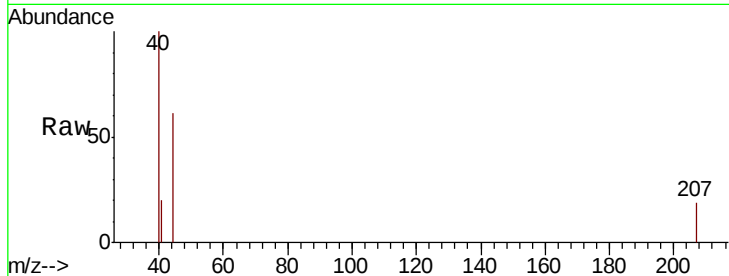
Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

Tgt Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.7	85.1#
39	0.0	42.0	63.0#



#49

1,4-Dioxane

Concen: 2847.425 ug/l

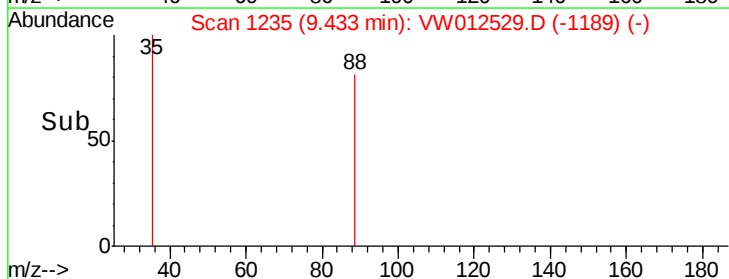
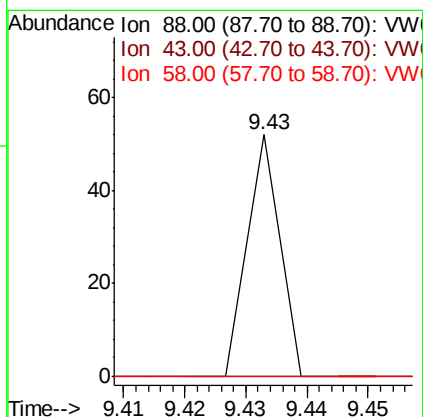
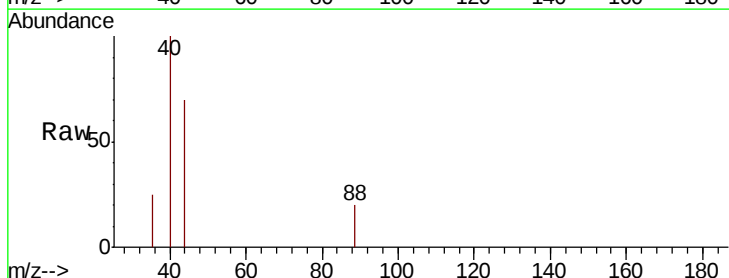
RT: 9.43 min Scan# 1235

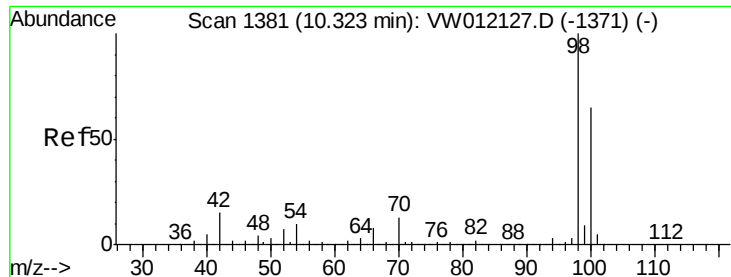
Delta R.T. -0.02 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Tgt Ion:	88	Resp:	19
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	0.0	71.0	106.4#





#50

Toluene-d8

Concen: 52.848 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

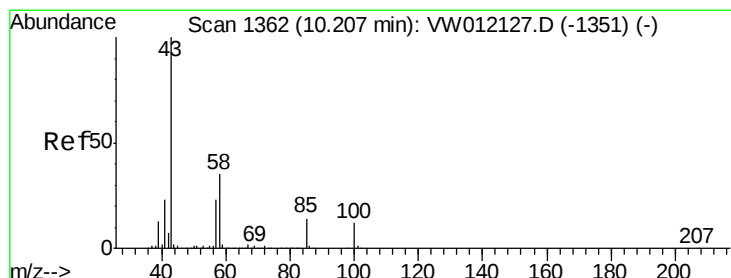
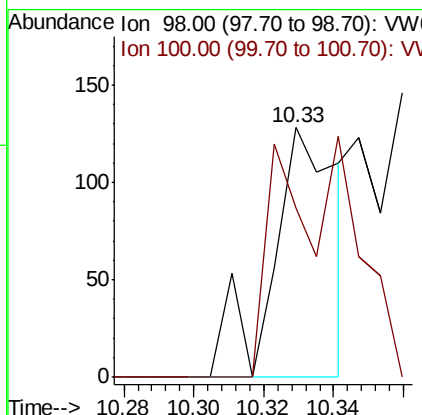
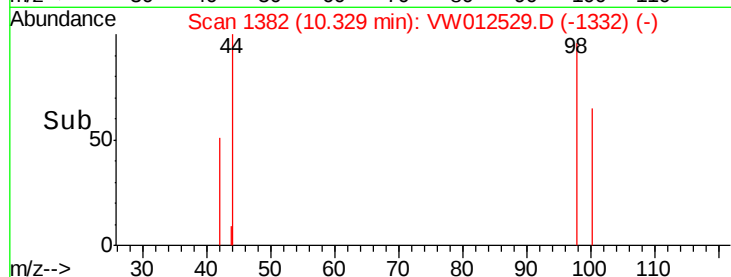
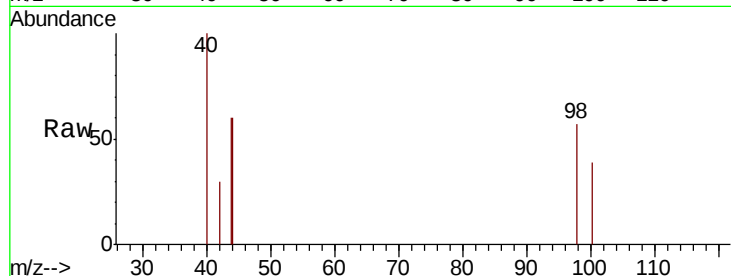
T16-17-C2-(2.25)

Tgt Ion: 98 Resp: 165

Ion Ratio Lower Upper

98 100

100 59.4 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 29.060 ug/l

RT: 10.11 min Scan# 1346

Delta R.T. -0.10 min

Lab File: VW012529.D

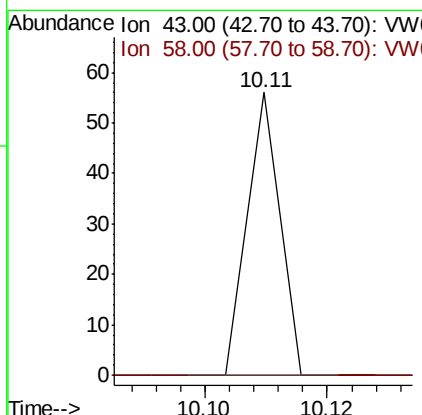
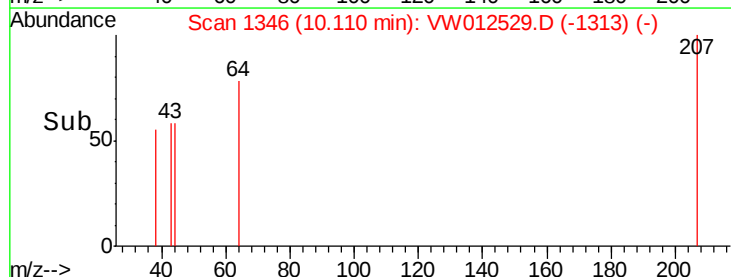
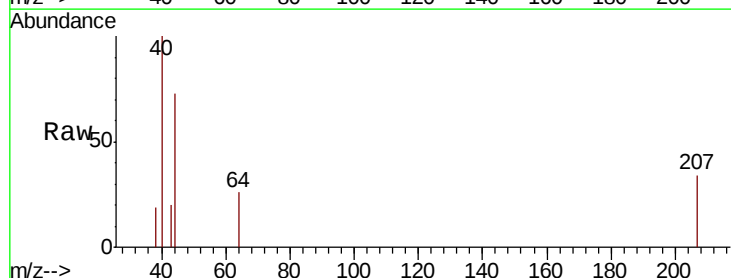
Acq: 03 Sep 2019 05:24

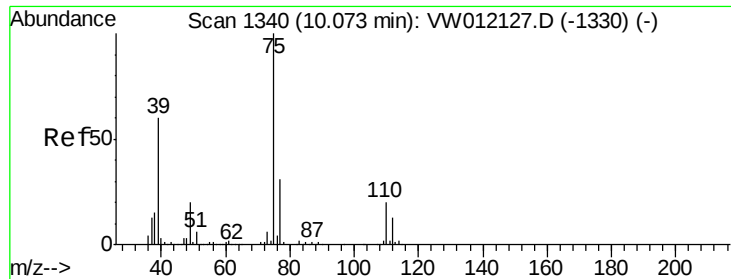
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.2#

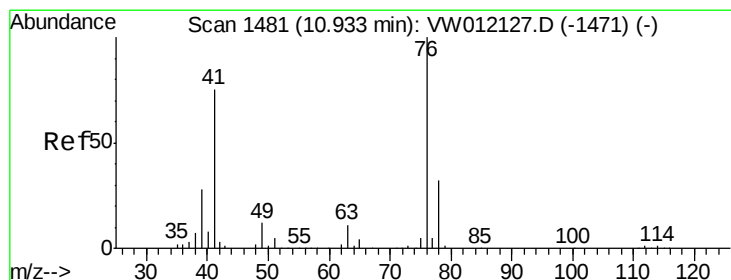
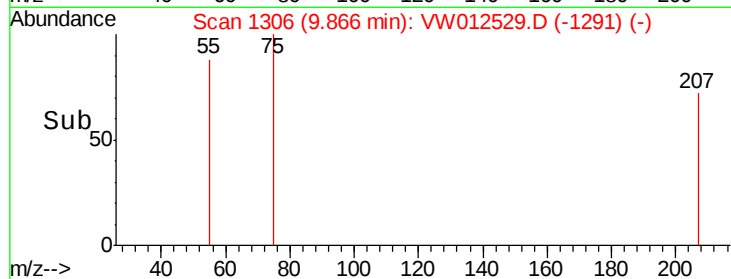
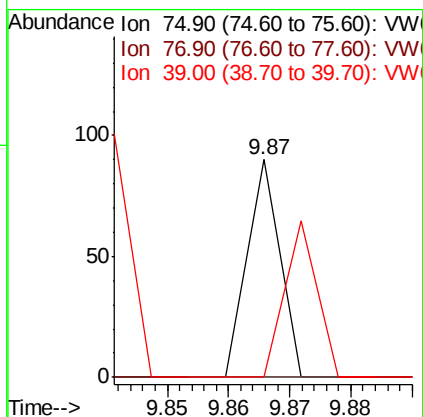
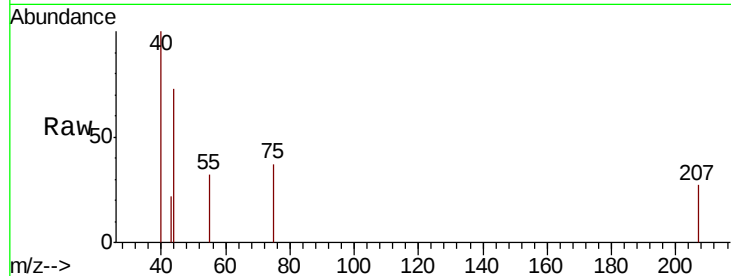




#54
 cis-1,3-Dichloropropene
 Concen: 23.129 ug/l
 RT: 9.87 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

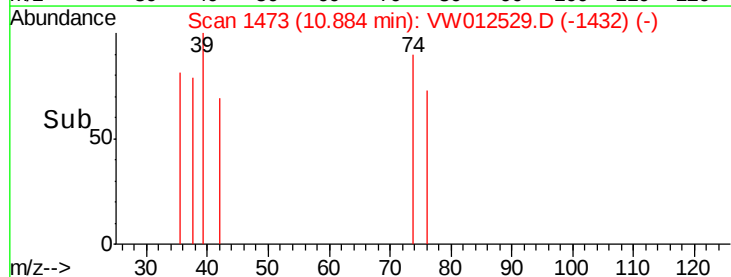
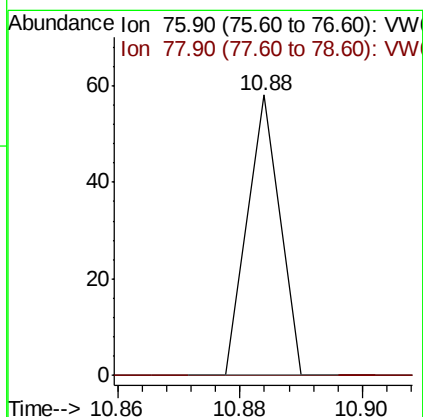
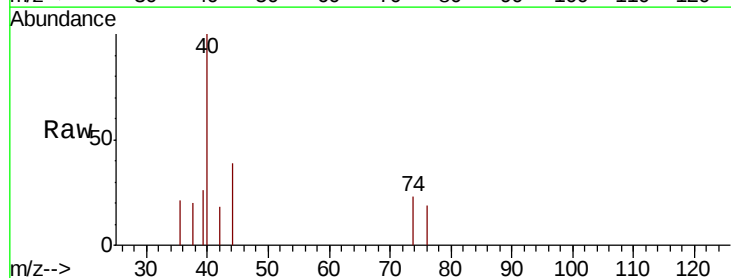
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(2.25)

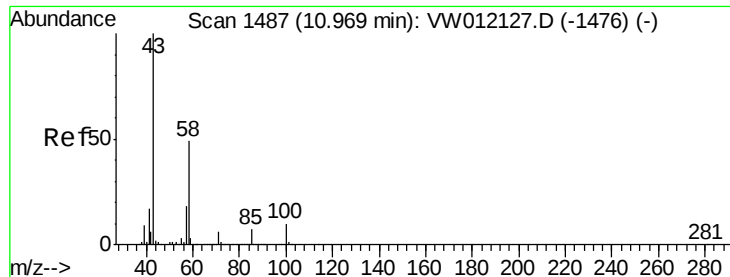
Tgt Ion: 75 Resp: 33
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 0.0 48.3 72.5#



#57
 1,3-Dichloropropane
 Concen: 18.020 ug/l
 RT: 10.88 min Scan# 1473
 Delta R.T. -0.05 min
 Lab File: VW012529.D
 Acq: 03 Sep 2019 05:24

Tgt Ion: 76 Resp: 21
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

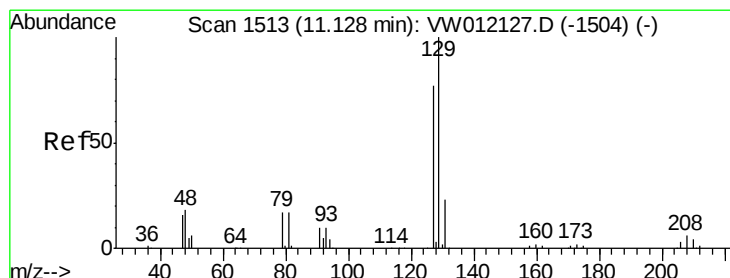
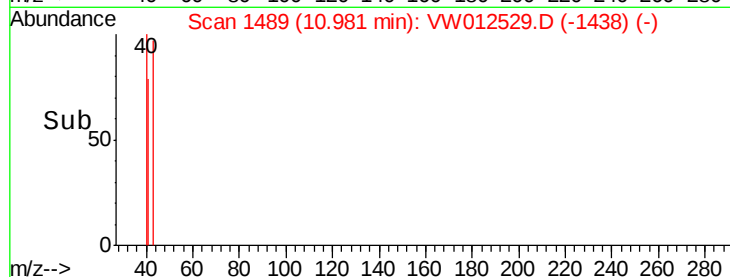
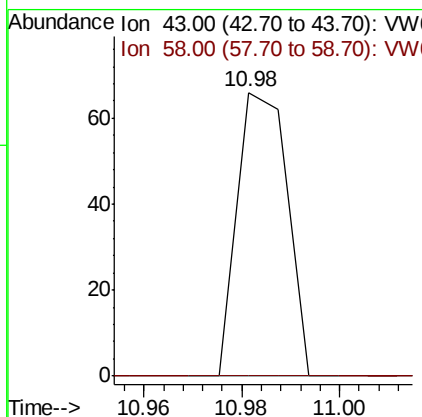
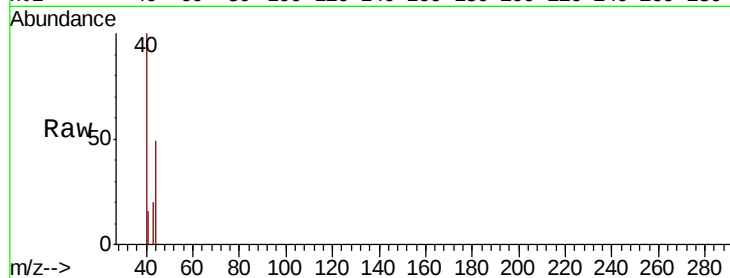




#59
2-Hexanone
Concen: 96.515 ug/l
RT: 10.98 min Scan# 1489
Delta R.T. 0.01 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

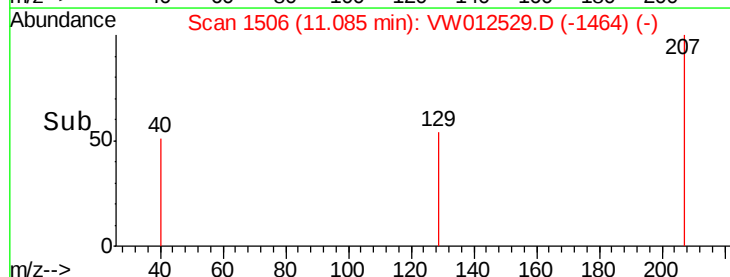
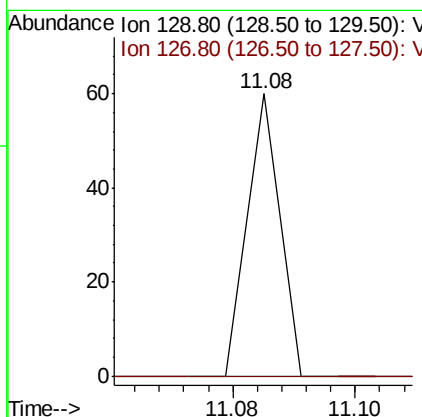
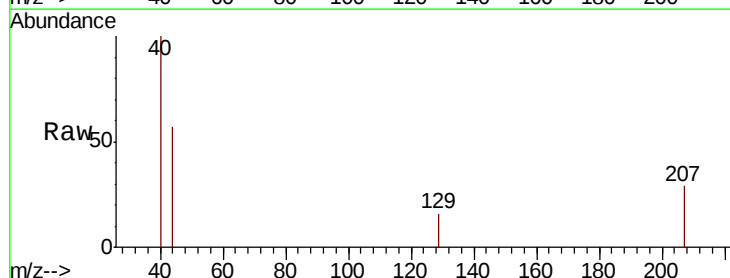
Instrument :
MSVOA_W
ClientSampled :
T16-17-C2-(2.25)

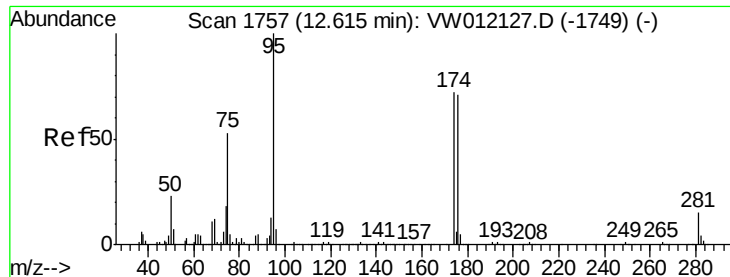
Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
58 0.0 24.3 72.9#



#60
Dibromochloromethane
Concen: 32.028 ug/l
RT: 11.08 min Scan# 1506
Delta R.T. -0.04 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

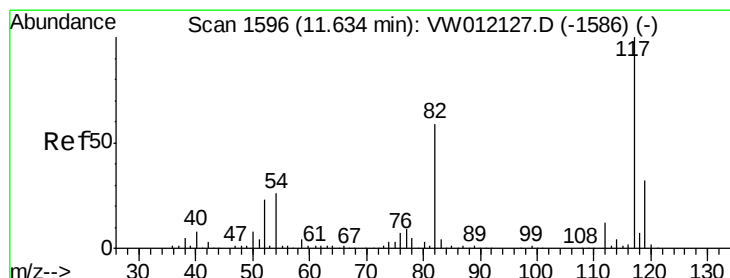
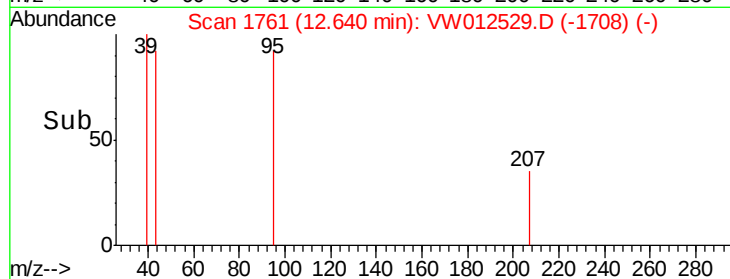
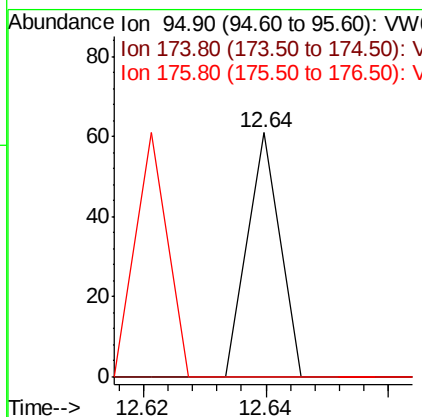
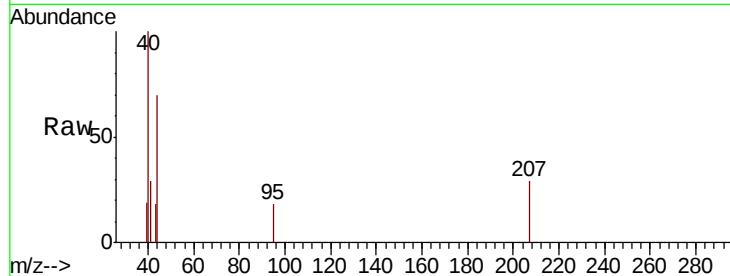




#62
4-Bromofluorobenzene
Concen: 19.990 ug/l
RT: 12.64 min Scan# 1761
Delta R.T. 0.02 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

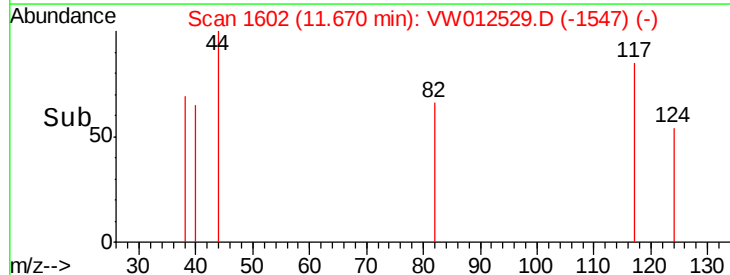
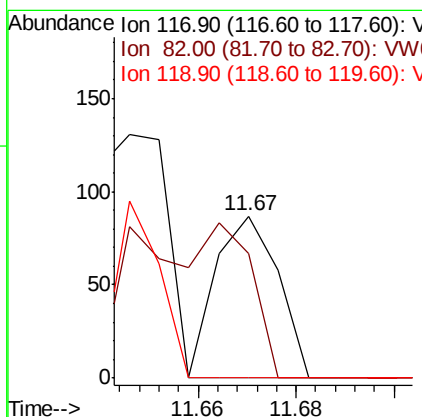
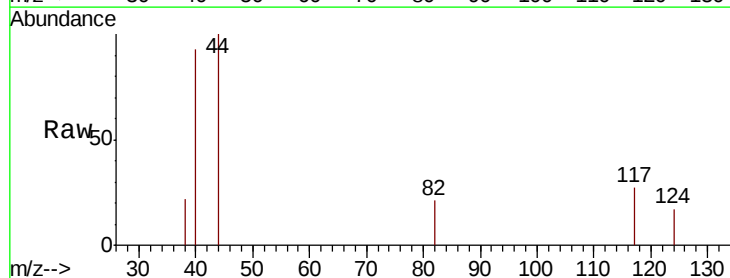
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

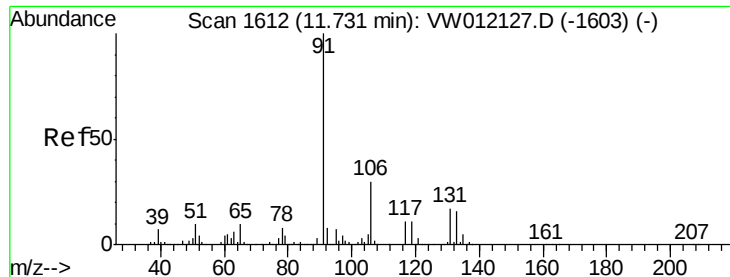
Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	150.8
176	100.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.67 min Scan# 1602
Delta R.T. 0.04 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.0	47.4	71.2#
119	0.0	25.4	38.2#

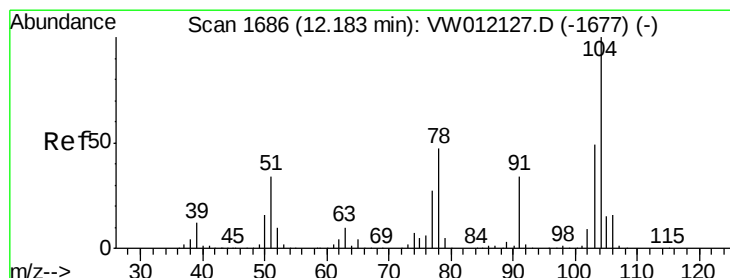
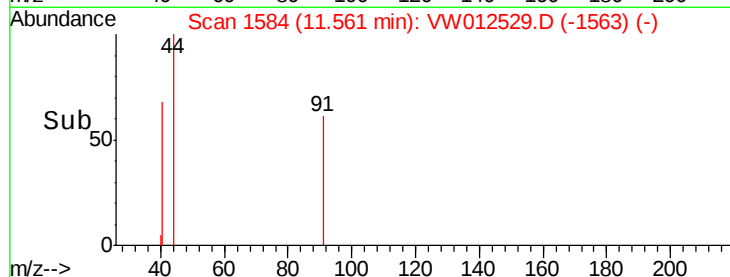
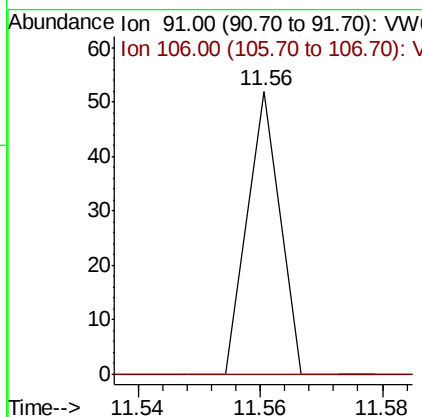
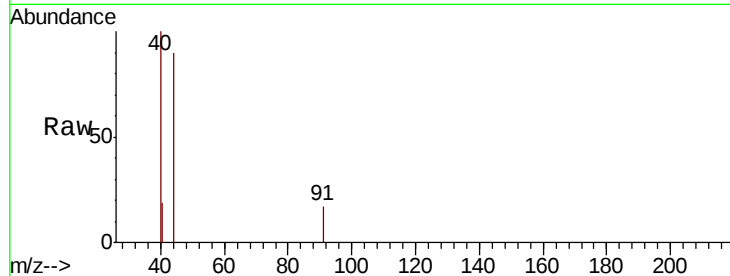




#67
Ethyl Benzene
Concen: 6.422 ug/l
RT: 11.56 min Scan# 1584
Delta R.T. -0.17 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

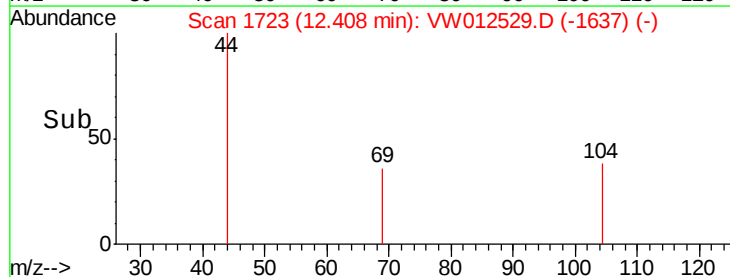
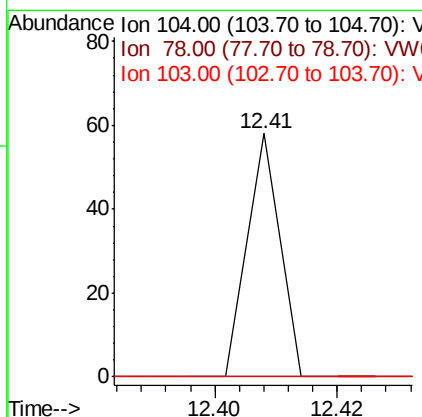
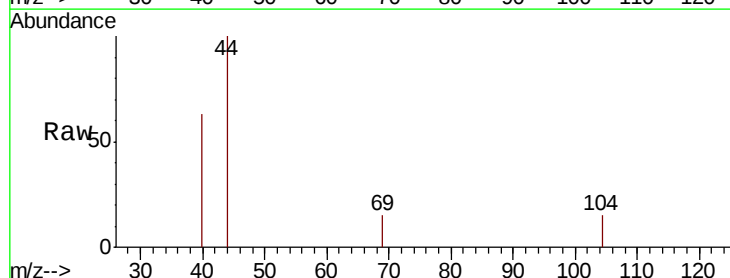
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

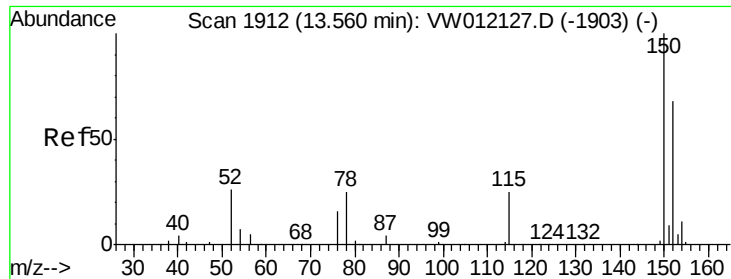
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
106 0.0 24.3 36.5#



#70
Styrene
Concen: 12.300 ug/l
RT: 12.41 min Scan# 1723
Delta R.T. 0.23 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion: 104 Resp: 21
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: 13.58 min Scan# 1915

Delta R.T. 0.02 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

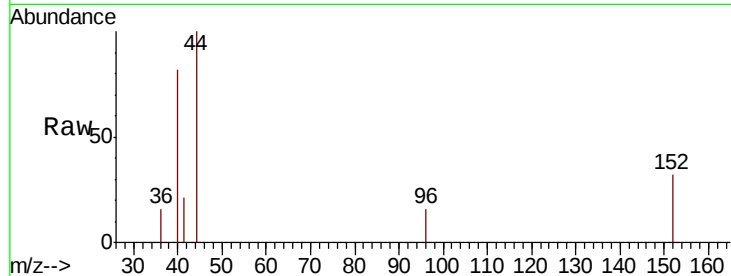
Tgt Ion: 152 Resp: 38

Ion Ratio Lower Upper

152 100

115 0.0 30.1 90.3#

150 0.0 0.0 345.8

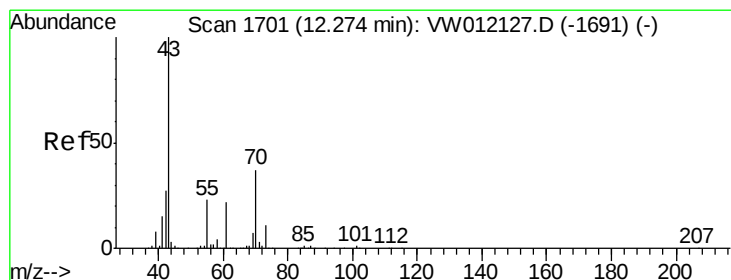
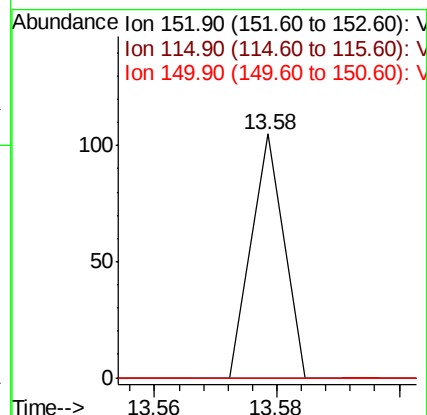
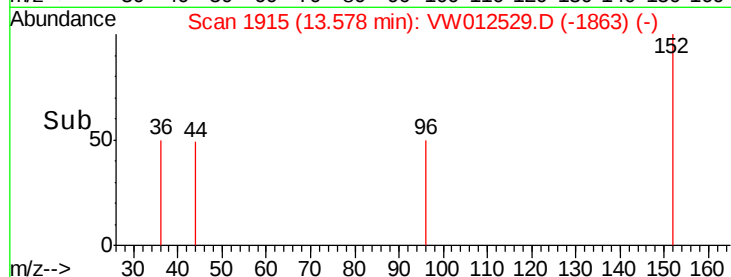


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

13.58



#74

N-ethyl acetate

Concen: 24.411 ug/l

RT: 12.21 min Scan# 1690

Delta R.T. -0.07 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Tgt Ion: 43 Resp: 21

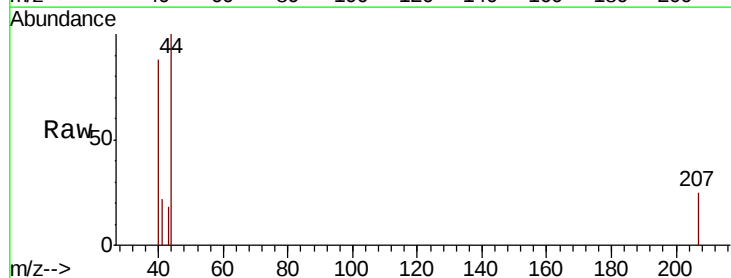
Ion Ratio Lower Upper

43 100

70 0.0 28.6 43.0#

55 0.0 17.8 26.6#

61 0.0 17.3 25.9#



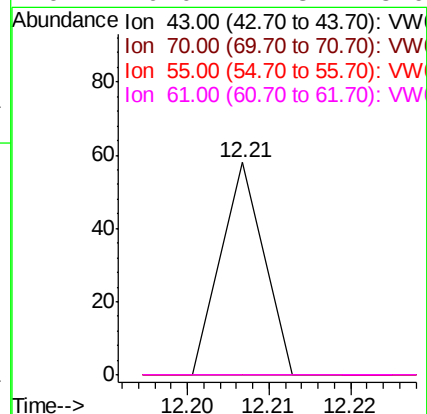
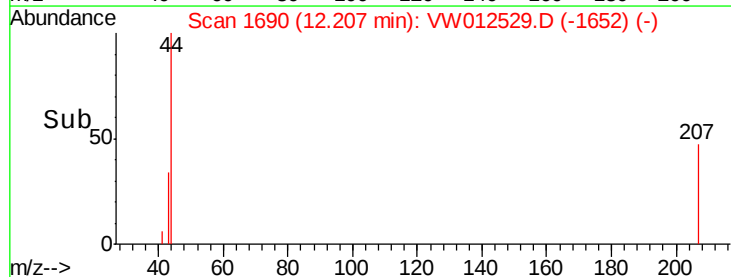
Abundance Ion 43.00 (42.70 to 43.70): VW

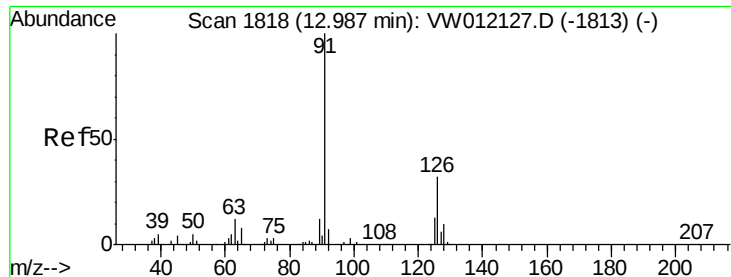
Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.21

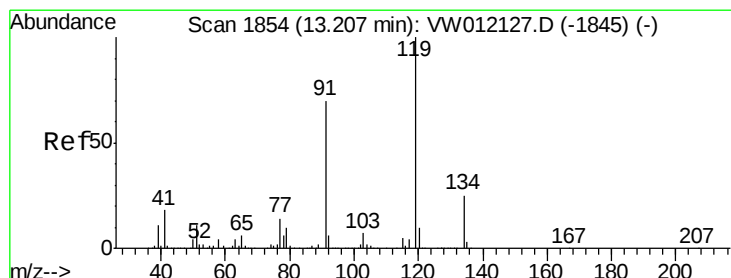
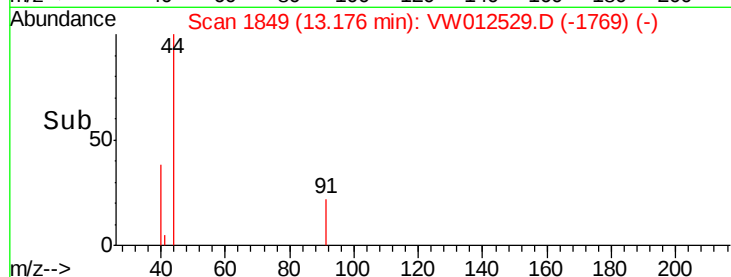
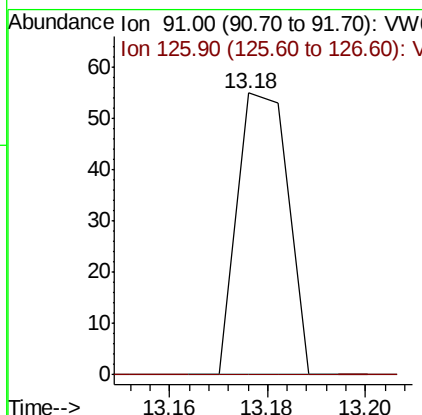
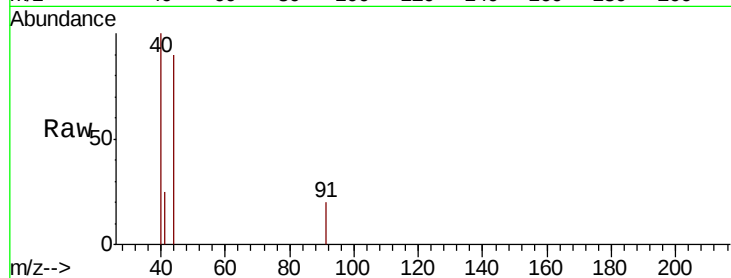




#82
4-Chlorotoluene
Concen: 19.357 ug/l
RT: 13.18 min Scan# 1849
Delta R.T. 0.19 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

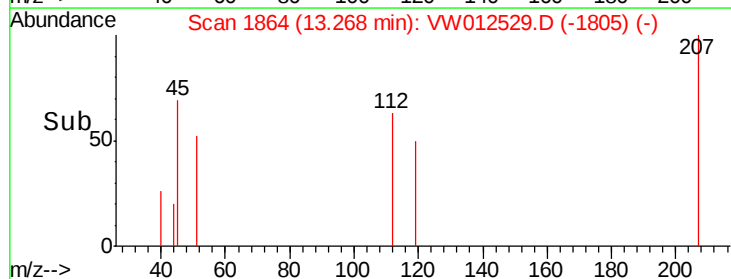
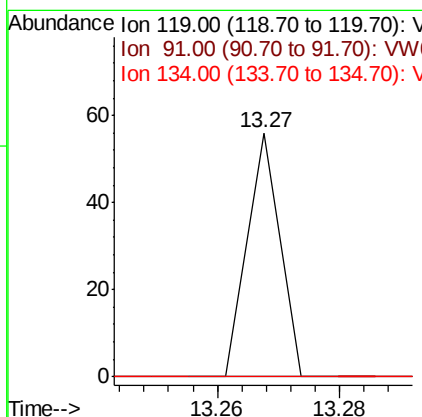
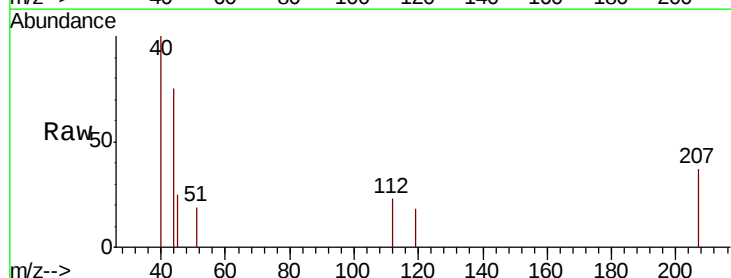
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

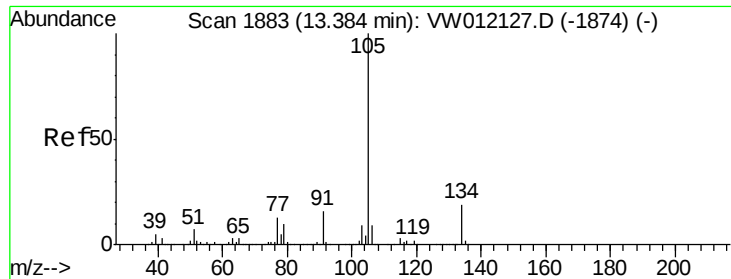
Tgt Ion: 91 Resp: 40
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 9.923 ug/l
RT: 13.27 min Scan# 1864
Delta R.T. 0.06 min
Lab File: VW012529.D
Acq: 03 Sep 2019 05:24

Tgt Ion: 119 Resp: 20
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.3#
134 0.0 13.3 39.8#





#85

sec-Butylbenzene

Concen: 7.619 ug/l

RT: 13.61 min Scan# 1920

Delta R.T. 0.23 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

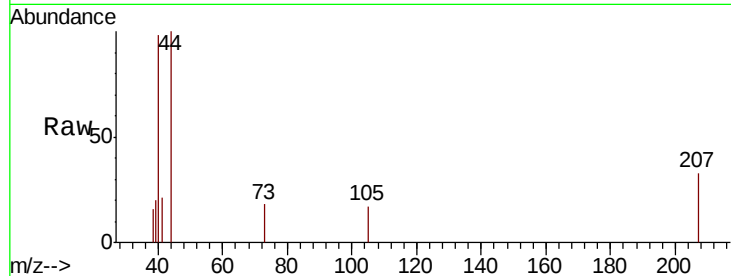
T16-17-C2-(2.25)

Tgt Ion:105 Resp: 22

Ion Ratio Lower Upper

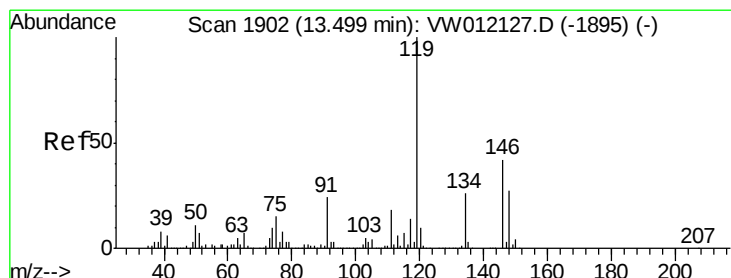
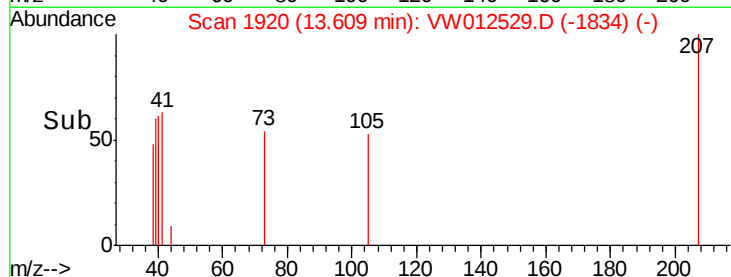
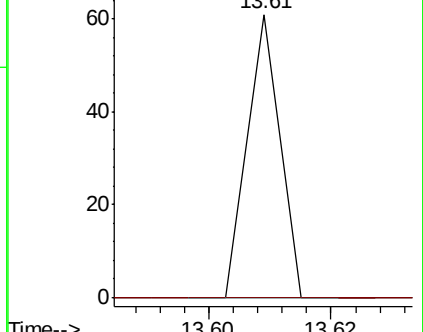
105 100

134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.756 ug/l

RT: 13.27 min Scan# 1864

Delta R.T. -0.23 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

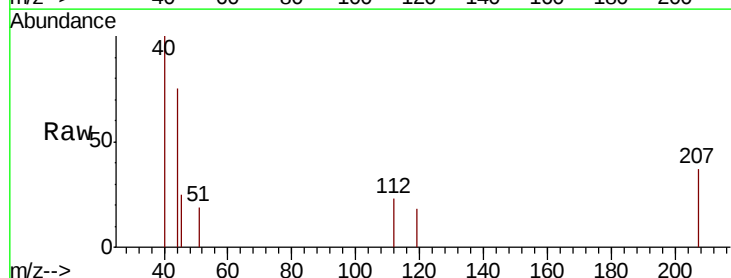
Tgt Ion:119 Resp: 20

Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.3#

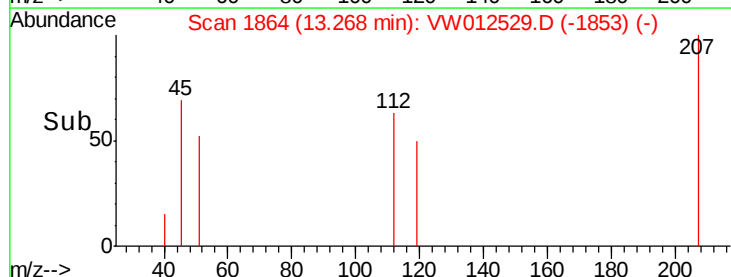
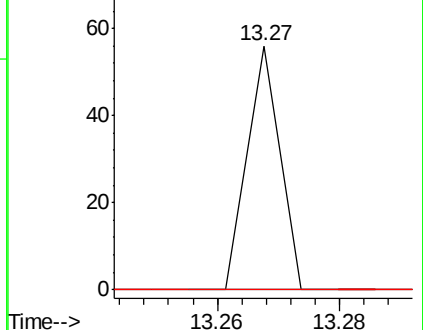
91 0.0 12.3 36.9#

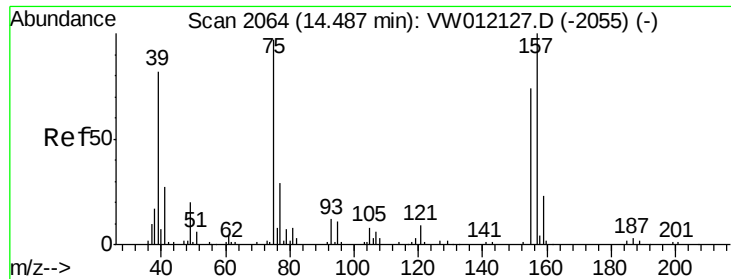


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 284.082 ug/l

RT: 14.58 min Scan# 2079

Delta R.T. 0.09 min

Lab File: VW012529.D

Acq: 03 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C2-(2.25)

Tgt Ion: 75 Resp: 25

Ion Ratio Lower Upper

75 100

155 0.0 37.5 112.3#

157 0.0 50.5 151.5#

