

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012440.D
 Acq On : 01 Sep 2019 11:47
 Operator : SY/VA
 Sample : VW0901SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Quant Time: Sep 02 07:16:16 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	7.95	168	221268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132705	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.88	113	106394	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.32	98	428848	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	151921	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	27054	19.857 ug/l	100
3) Chloromethane	2.22	50	44615	21.137 ug/l	98
4) Vinyl Chloride	2.36	62	51991	20.124 ug/l	97
6) Chloroethane	2.89	64	30656	21.034 ug/l	97
7) Trichlorofluoromethane	3.24	101	31416	24.217 ug/l	94
8) Diethyl Ether	3.68	74	23198	18.839 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46829	21.237 ug/l	99
10) Methyl Iodide	4.26	142	58019	19.446 ug/l	97
11) Tert butyl alcohol	5.17	59	16903	106.784 ug/l	97
12) 1,1-Dichloroethene	4.03	96	43533	19.615 ug/l	94
13) Acrolein	3.89	56	12084	81.099 ug/l	98
14) Allyl chloride	4.66	41	92941	19.588 ug/l	97
15) Acrylonitrile	5.36	53	62049	101.664 ug/l	99
16) Acetone	4.12	43	69491	103.352 ug/l	99
17) Carbon Disulfide	4.37	76	108941	16.242 ug/l	100
18) Methyl Acetate	4.66	43	35790	21.491 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	77070	21.473 ug/l	96
20) Methylene Chloride	4.91	84	50094	19.708 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46810	19.668 ug/l	99
22) Diisopropyl ether	6.31	45	184405	20.967 ug/l	98
23) Vinyl Acetate	6.25	43	525600	97.108 ug/l	100
24) 1,1-Dichloroethane	6.21	63	99428	20.763 ug/l	97
25) 2-Butanone	7.17	43	89617	98.084 ug/l	98
26) 2,2-Dichloropropane	7.16	77	60902	22.469 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51588	20.288 ug/l	97
28) Bromochloromethane	7.51	49	42164	20.202 ug/l	100
29) Tetrahydrofuran	7.52	42	54381	99.206 ug/l	98
30) Chloroform	7.67	83	94919	21.665 ug/l	96
31) Cyclohexane	7.95	56	89678	18.928 ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	77676	22.412 ug/l	99
36) 1,1-Dichloropropene	8.08	75	76181	21.761 ug/l	100
37) Ethyl Acetate	7.25	43	37485	19.540 ug/l	98
38) Carbon Tetrachloride	8.07	117	69328	22.880 ug/l	98
39) Methylcyclohexane	9.34	83	78199	19.883 ug/l	98

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Quant Time: Sep 02 07:16:16 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)
40) Benzene	8.32	78	204130	21.354	ug/l	99
41) Methacrylonitrile	7.48	41	23890	21.188	ug/l	98
42) 1,2-Dichloroethane	8.40	62	67236	22.442	ug/l	100
43) Isopropyl Acetate	8.42	43	73570	20.703	ug/l	99
44) Trichloroethene	9.09	130	50447	21.709	ug/l	99
45) 1,2-Dichloropropane	9.37	63	54540	21.200	ug/l	98
46) Dibromomethane	9.46	93	24433	21.345	ug/l	98
47) Bromodichloromethane	9.64	83	66848	21.943	ug/l	100
48) Methyl methacrylate	9.43	41	34253	20.253	ug/l	99
49) 1,4-Dioxane	9.45	88	7553	431.019	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	191459	105.929	ug/l	98
52) Toluene	10.38	92	124163	21.621	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	66489	21.426	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79034	21.093	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35607	21.986	ug/l	99
56) Ethyl methacrylate	10.65	69	49086	20.825	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65872	21.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	120779	99.840	ug/l	99
59) 2-Hexanone	10.97	43	135601	106.032	ug/l	99
60) Dibromochloromethane	11.13	129	38414	21.295	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32065	21.252	ug/l	100
64) Tetrachloroethene	10.86	164	41697	21.830	ug/l	97
65) Chlorobenzene	11.66	112	127331	21.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44869	22.171	ug/l	99
67) Ethyl Benzene	11.73	91	245920	22.006	ug/l	98
68) m/p-Xylenes	11.83	106	177119	44.001	ug/l	99
69) o-Xylene	12.16	106	80847	21.701	ug/l	97
70) Styrene	12.18	104	143429	22.242	ug/l	99
71) Bromoform	12.35	173	21373	21.197	ug/l #	98
73) Isopropylbenzene	12.46	105	236833	21.264	ug/l	100
74) N-amyl acetate	12.27	43	66384	19.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40622	19.894	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	55199	38.130	ug/l #	100
77) Bromobenzene	12.74	156	50999	21.166	ug/l	98
78) n-propylbenzene	12.80	91	288056	21.185	ug/l	99
79) 2-Chlorotoluene	12.89	91	164285	21.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	201433	21.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13153	19.921	ug/l	98
82) 4-Chlorotoluene	12.99	91	171818	21.257	ug/l	100
83) tert-Butylbenzene	13.21	119	171170	21.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	201668	21.572	ug/l	100
85) sec-Butylbenzene	13.38	105	244919	21.685	ug/l	99
86) p-Isopropyltoluene	13.50	119	220356	21.846	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98768	20.957	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100314	21.436	ug/l	99
89) n-Butylbenzene	13.82	91	219041	21.837	ug/l	100
90) Hexachloroethane	14.09	117	37136	20.985	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	89609	21.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7068	20.533	ug/l	93
93) 1,2,4-Trichlorobenzene	15.13	180	61978	21.692	ug/l	99

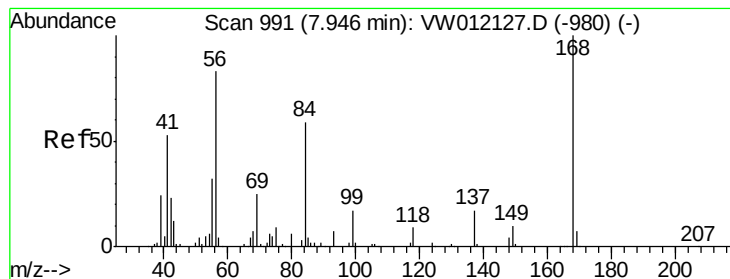
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	44107	23.379	ug/l	98
95) Naphthalene	15.36	128	97389	20.190	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53511	21.466	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

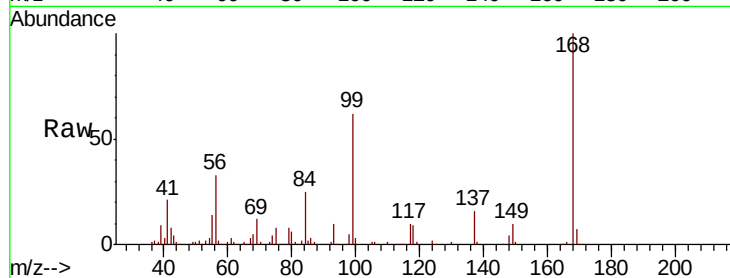
VW0901SBS01

Tgt Ion: 168 Resp: 221268

Ion Ratio Lower Upper

168 100

99 62.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

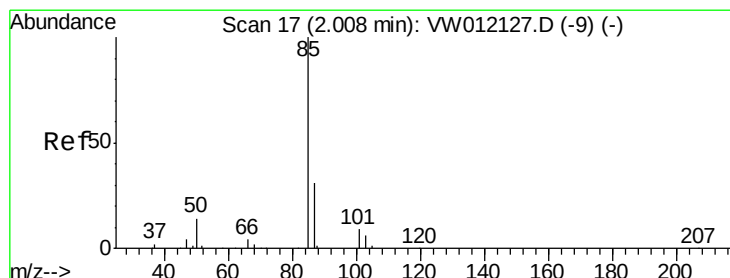
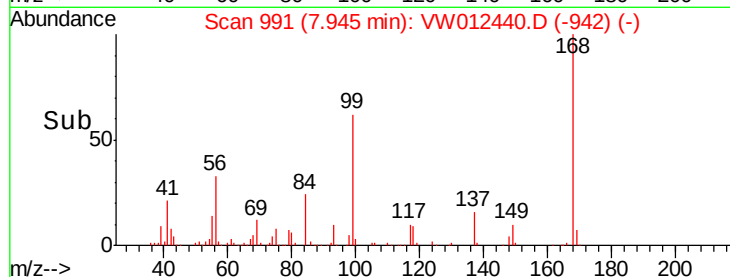
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.857 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012440.D

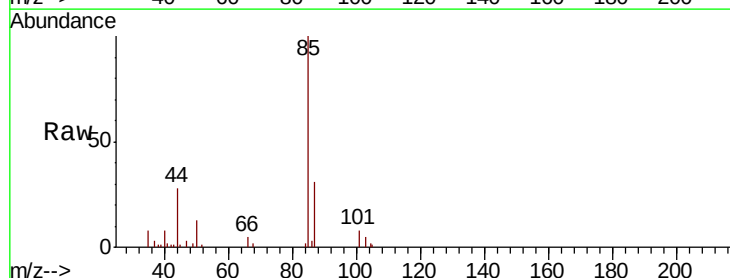
Acq: 01 Sep 2019 11:47

Tgt Ion: 85 Resp: 27054

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

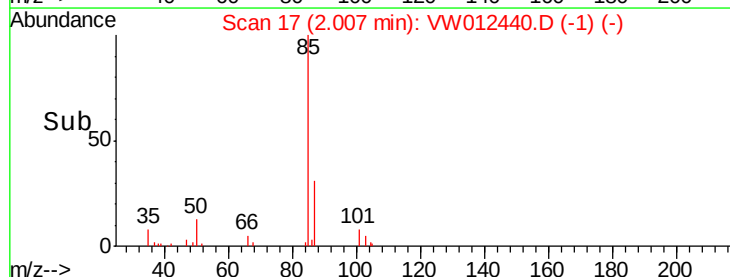
6000

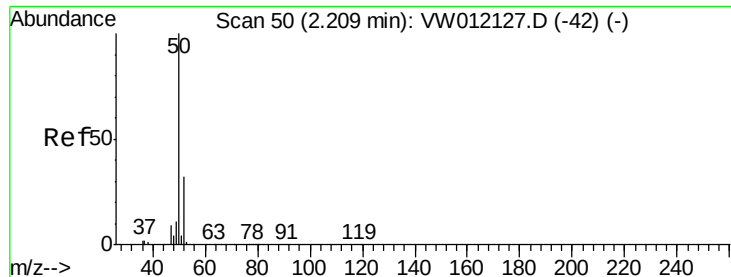
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.137 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

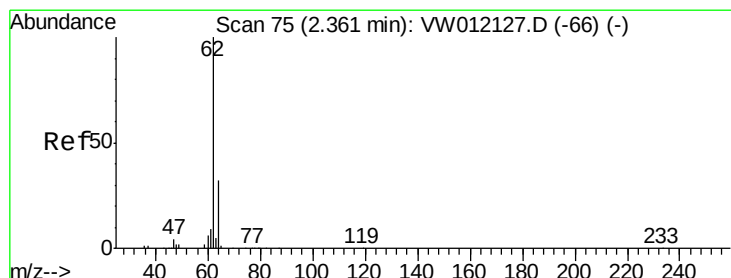
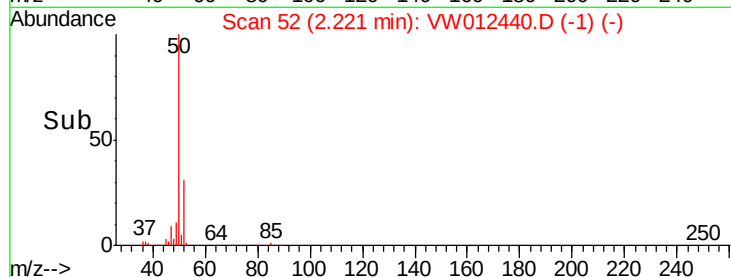
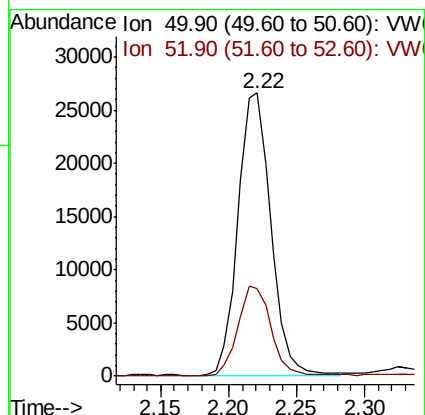
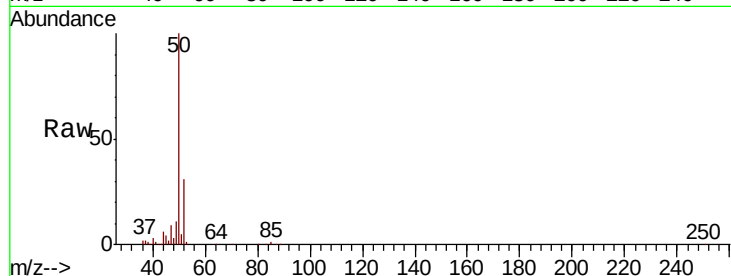
VW0901SBS01

Tgt Ion: 50 Resp: 44615

Ion Ratio Lower Upper

50 100

52 31.0 25.5 38.3



#4

Vinyl Chloride

Concen: 20.124 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012440.D

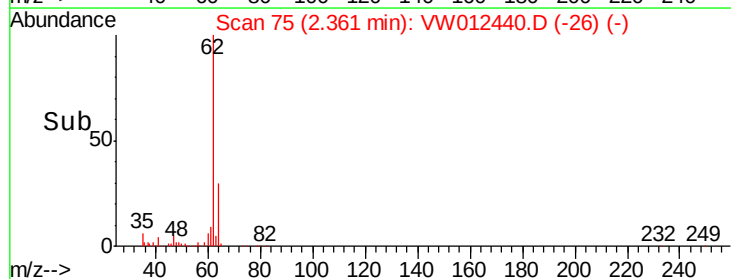
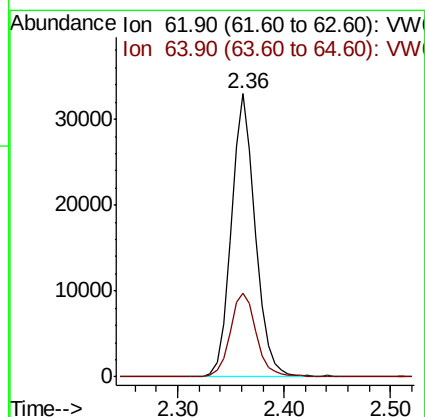
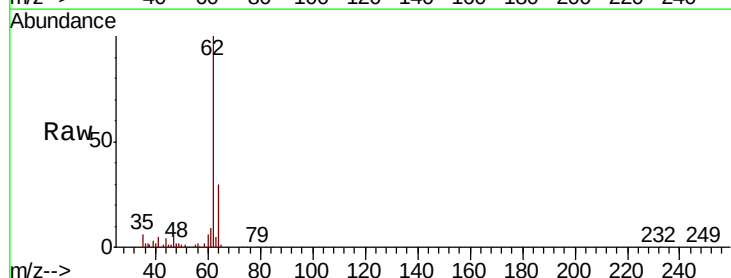
Acq: 01 Sep 2019 11:47

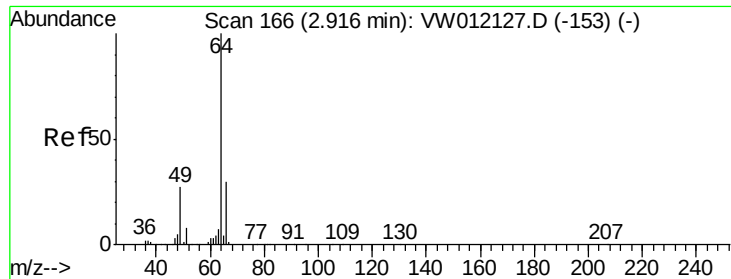
Tgt Ion: 62 Resp: 51991

Ion Ratio Lower Upper

62 100

64 29.8 25.3 37.9





#6

Chloroethane

Concen: 21.034 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

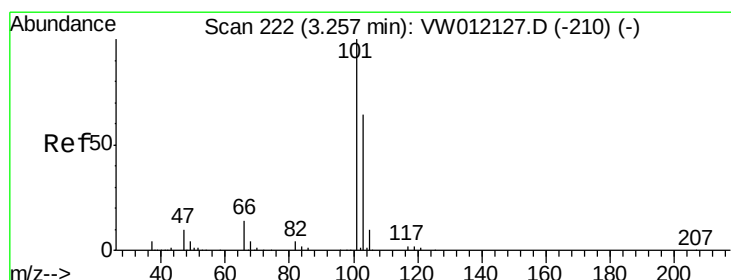
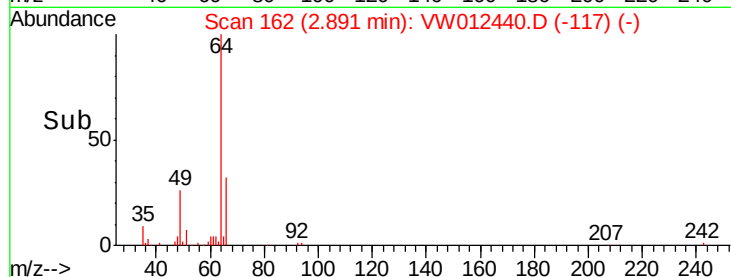
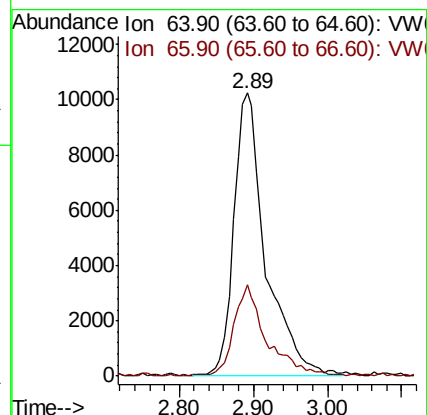
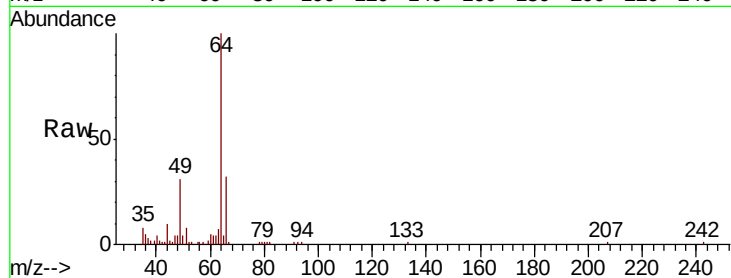
VW0901SBS01

Tgt Ion: 64 Resp: 30656

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.8



#7

Trichlorofluoromethane

Concen: 24.217 ug/l

RT: 3.24 min Scan# 219

Delta R.T. -0.02 min

Lab File: VW012440.D

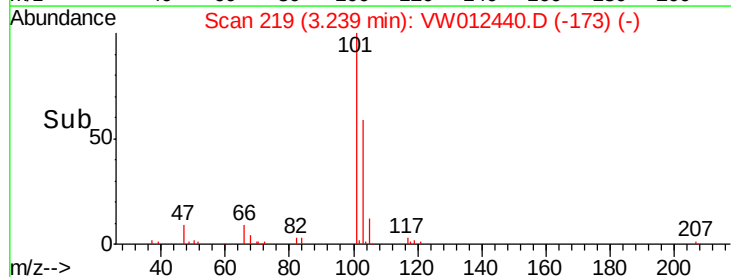
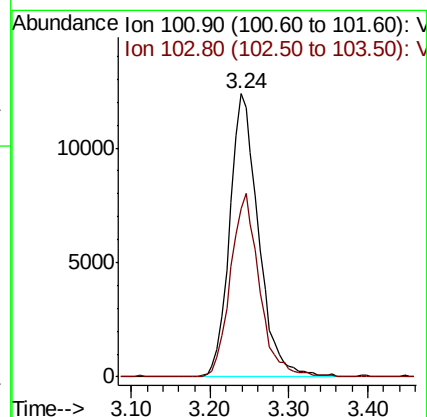
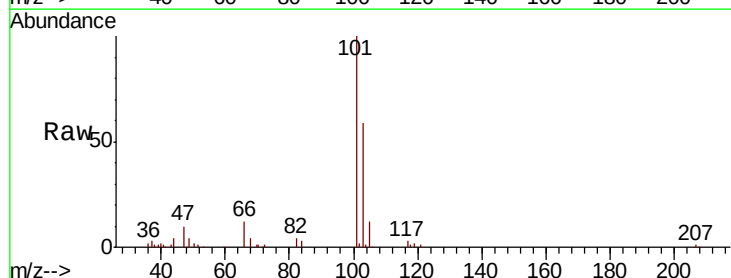
Acq: 01 Sep 2019 11:47

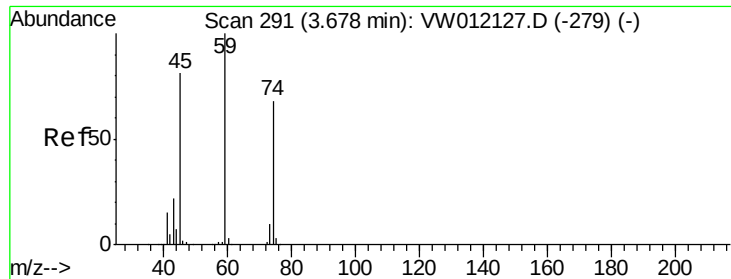
Tgt Ion: 101 Resp: 31416

Ion Ratio Lower Upper

101 100

103 59.3 51.2 76.8





#8

Diethyl Ether

Concen: 18.839 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampled :

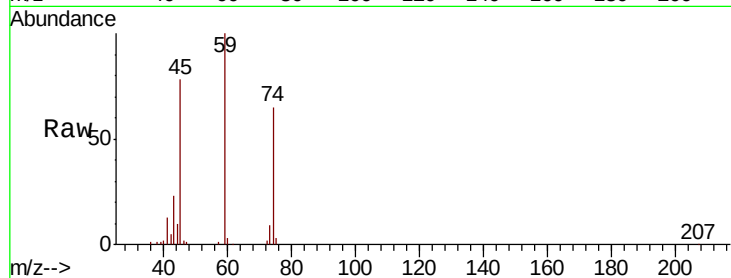
VW0901SBS01

Tgt Ion: 74 Resp: 23198

Ion Ratio Lower Upper

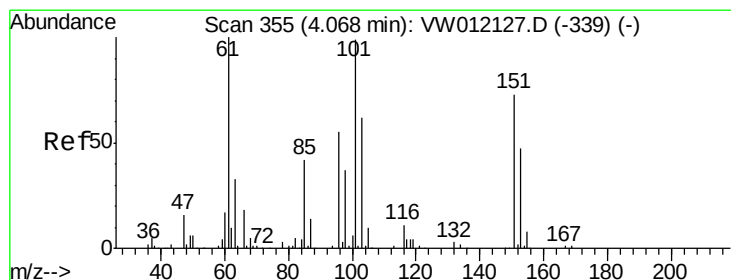
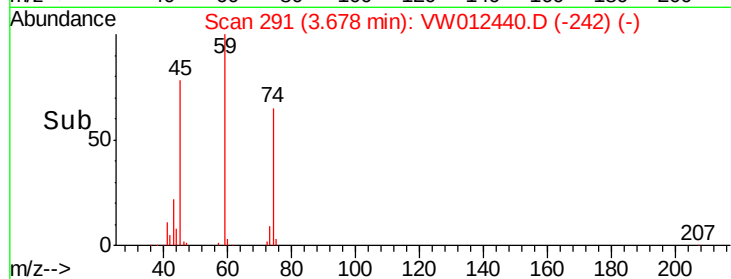
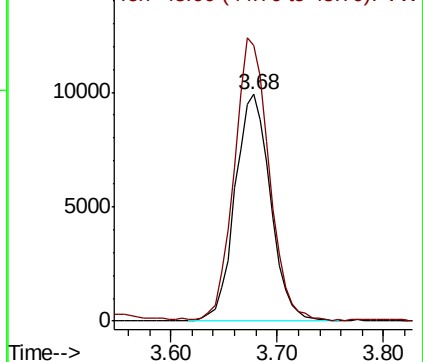
74 100

45 123.3 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.237 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

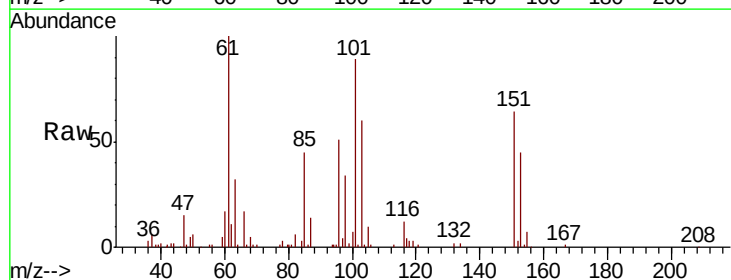
Tgt Ion: 101 Resp: 46829

Ion Ratio Lower Upper

101 100

85 45.9 35.8 53.6

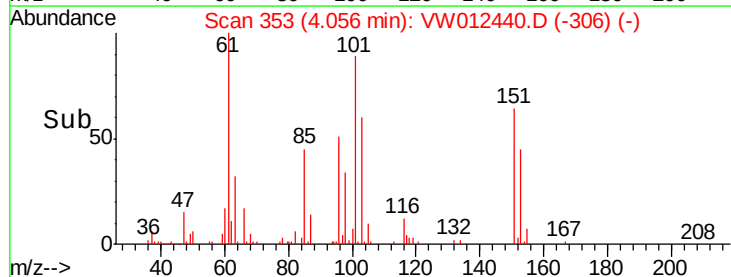
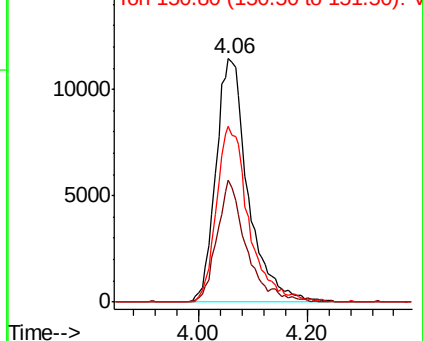
151 72.6 58.6 87.8

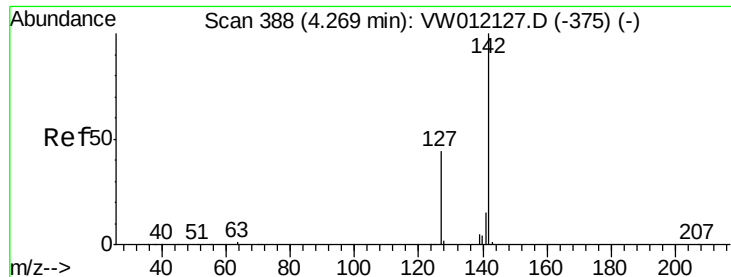


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V

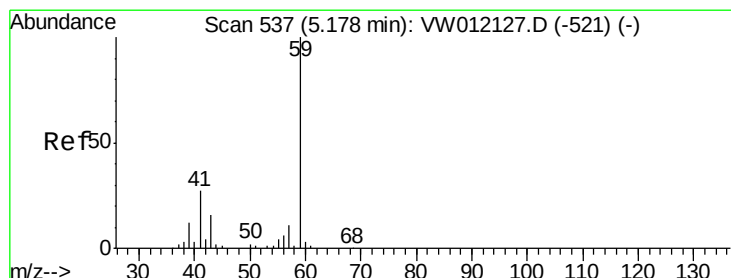
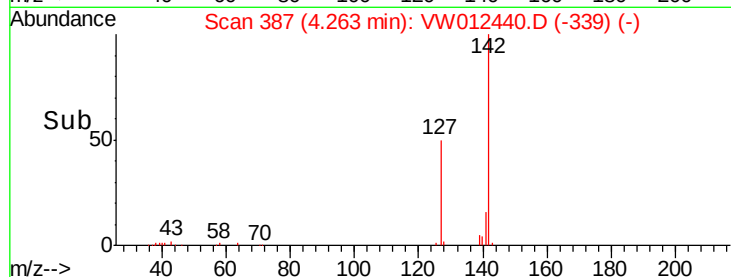
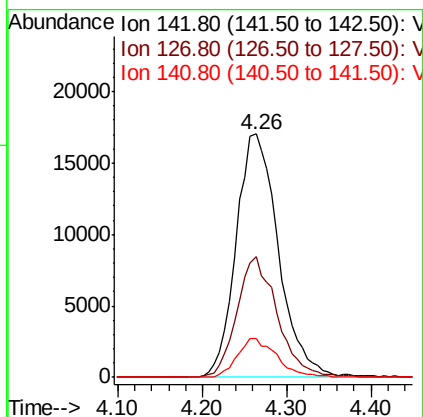
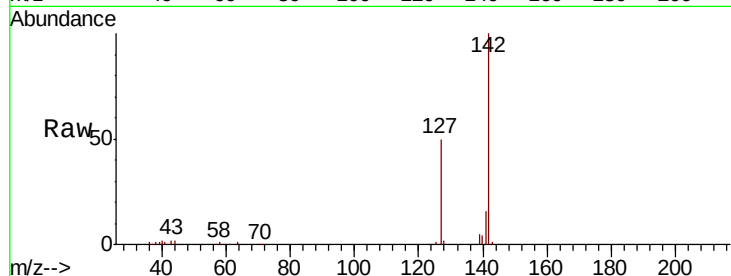




#10
Methyl Iodide
Concen: 19.446 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

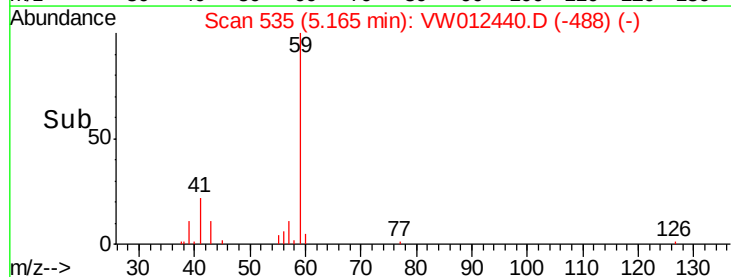
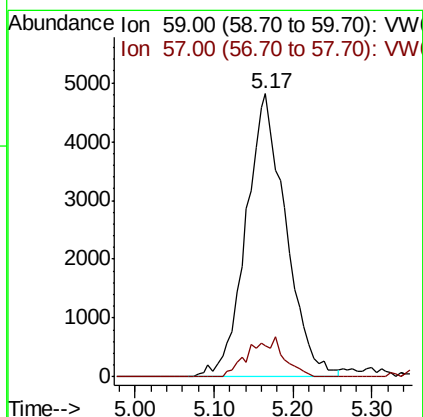
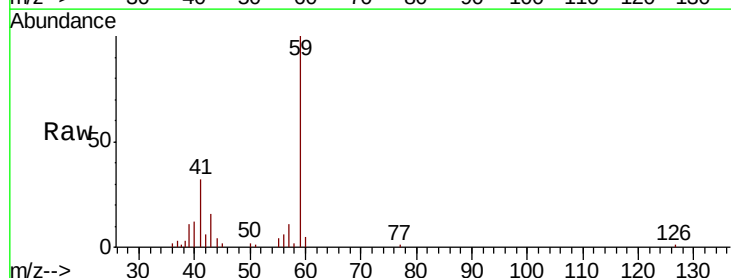
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

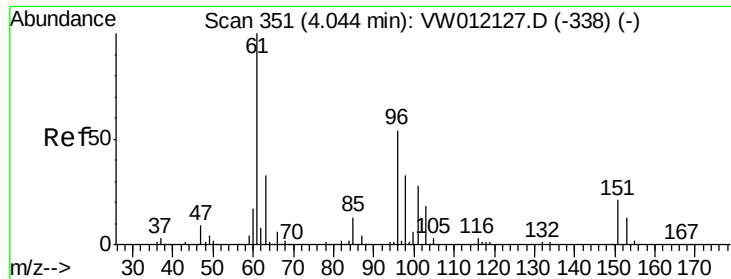
Tgt Ion:142 Resp: 58019
Ion Ratio Lower Upper
142 100
127 47.4 35.5 53.3
141 14.9 11.8 17.8



#11
Tert butyl alcohol
Concen: 106.784 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 59 Resp: 16903
Ion Ratio Lower Upper
59 100
57 12.3 9.0 13.4





#12

1,1-Dichloroethene

Concen: 19.615 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

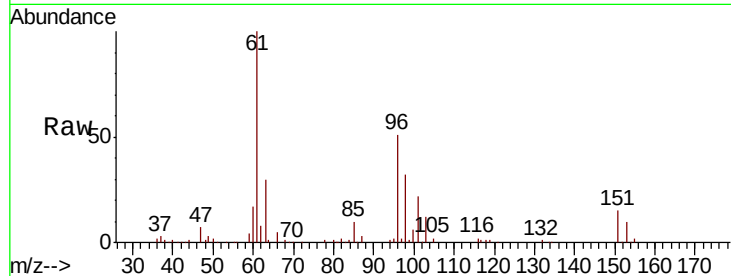
Tgt Ion: 96 Resp: 43533

Ion Ratio Lower Upper

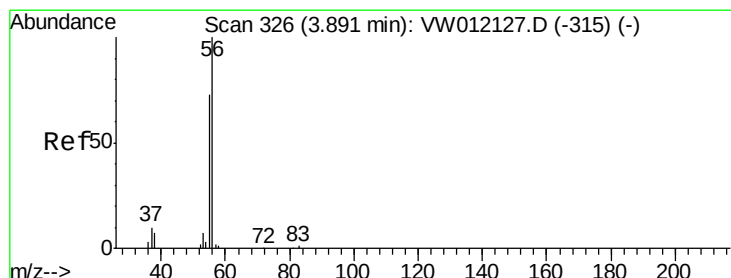
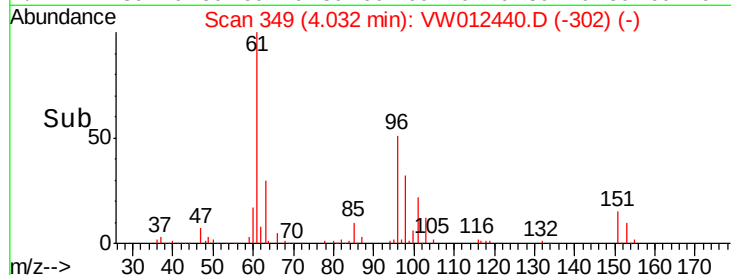
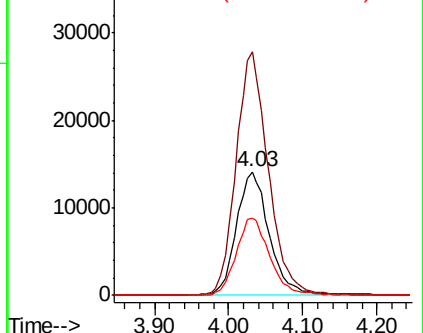
96 100

61 197.4 149.1 223.7

98 62.9 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: 81.099 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012440.D

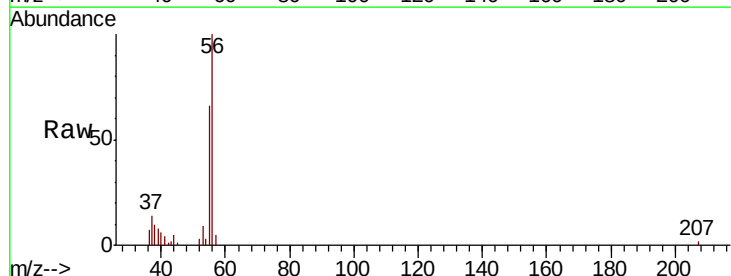
Acq: 01 Sep 2019 11:47

Tgt Ion: 56 Resp: 12084

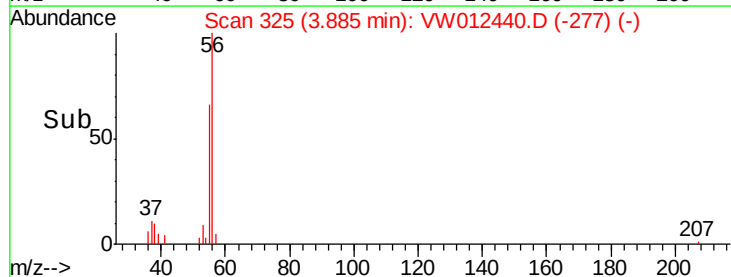
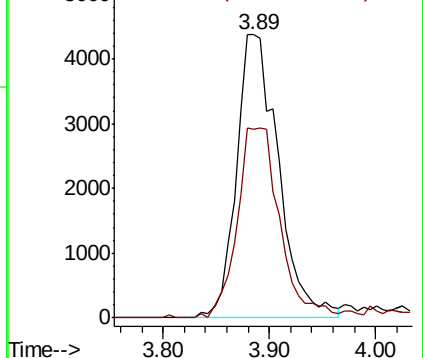
Ion Ratio Lower Upper

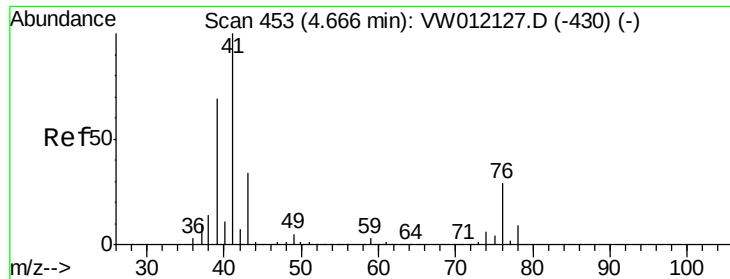
56 100

55 67.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW

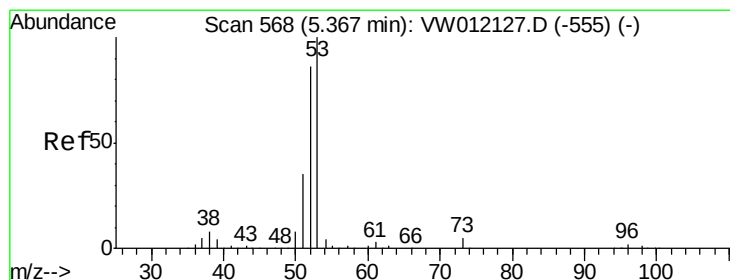
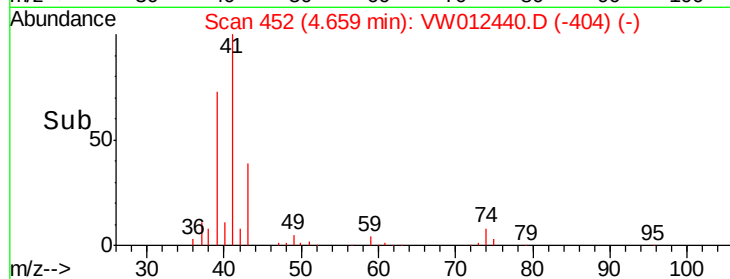
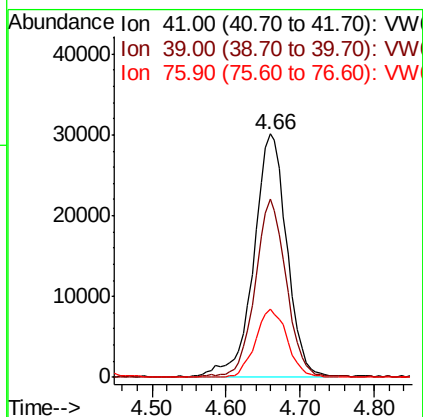
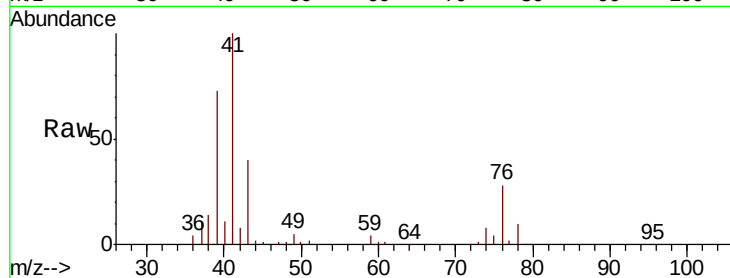




#14
 Allyl chloride
 Concen: 19.588 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

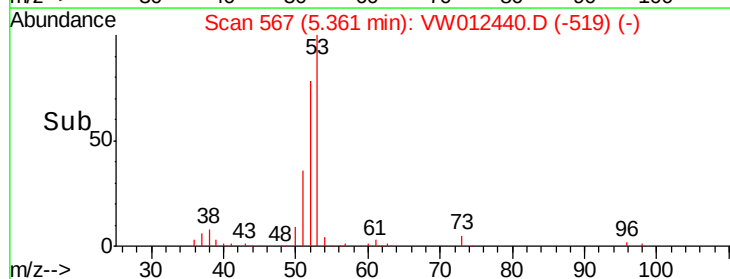
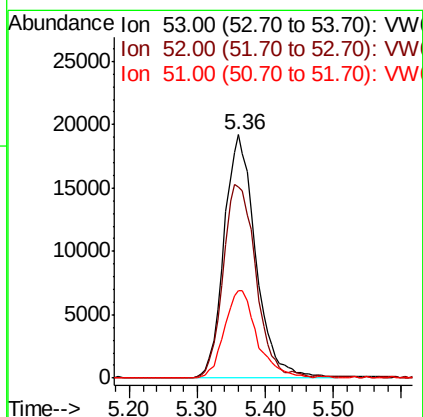
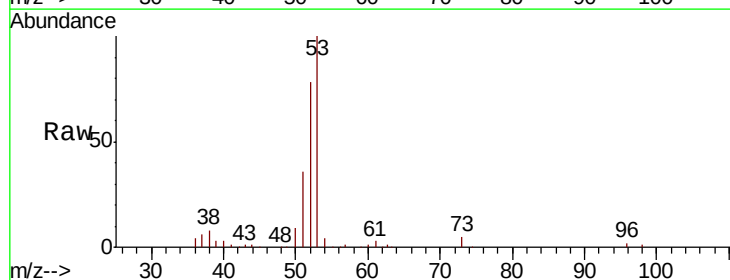
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

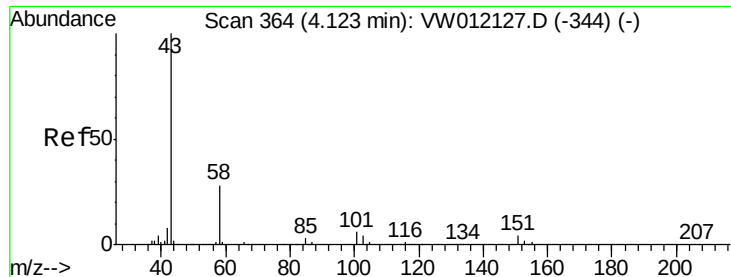
Tgt Ion: 41 Resp: 92941
 Ion Ratio Lower Upper
 41 100
 39 70.1 53.4 80.2
 76 27.2 22.1 33.1



#15
 Acrylonitrile
 Concen: 101.664 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 53 Resp: 62049
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.7 100.1
 51 37.2 30.1 45.1





#16

Acetone

Concen: 103.352 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampled :

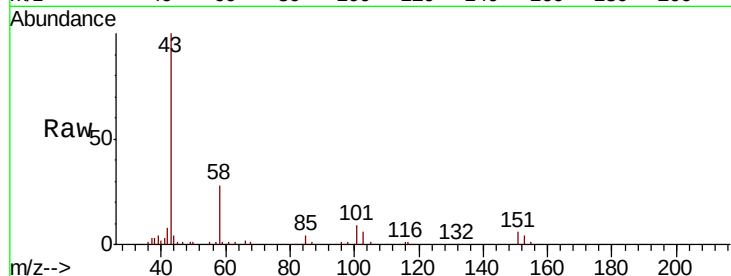
VW0901SBS01

Tgt Ion: 43 Resp: 69491

Ion Ratio Lower Upper

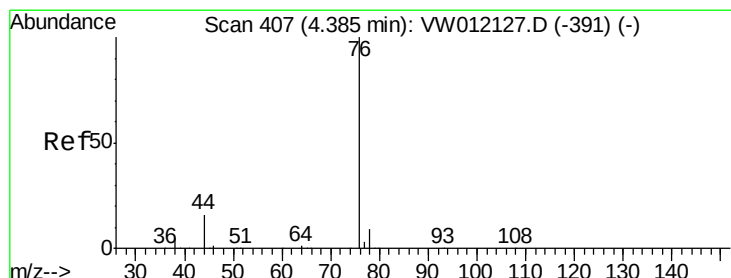
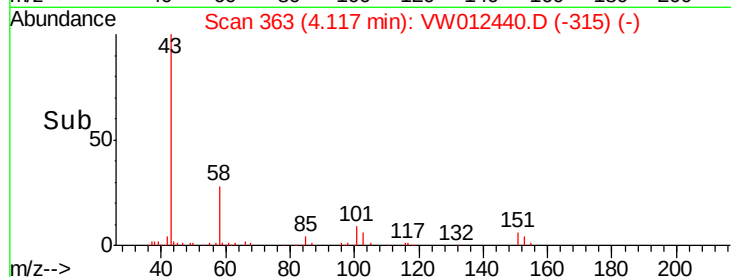
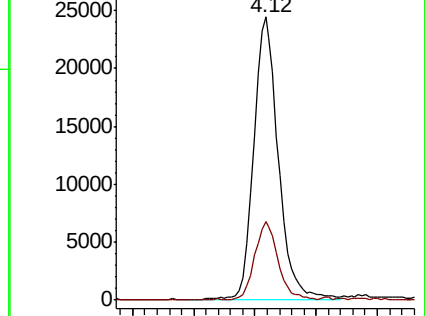
43 100

58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 16.242 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012440.D

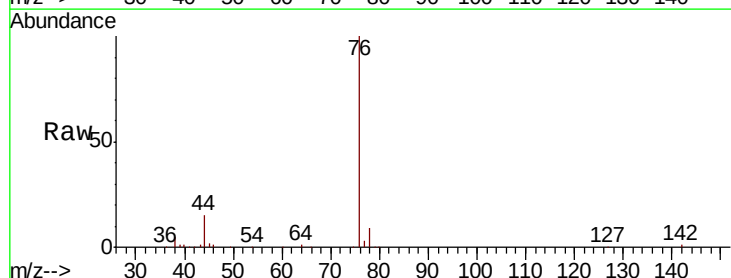
Acq: 01 Sep 2019 11:47

Tgt Ion: 76 Resp: 108941

Ion Ratio Lower Upper

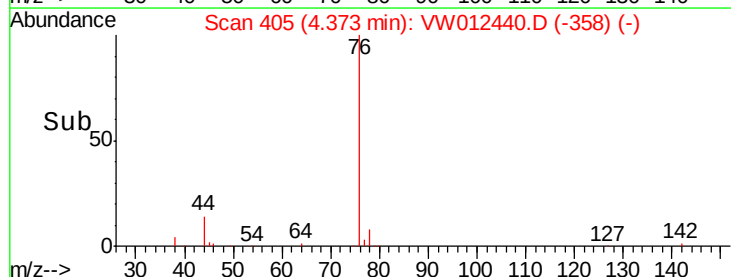
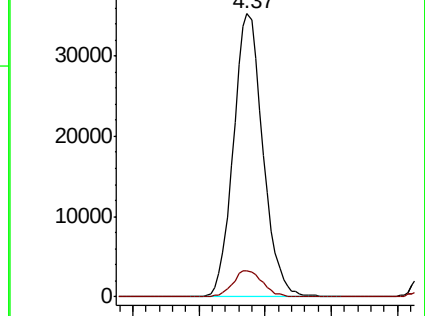
76 100

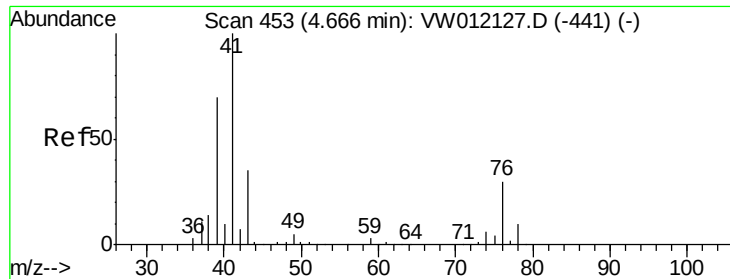
78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

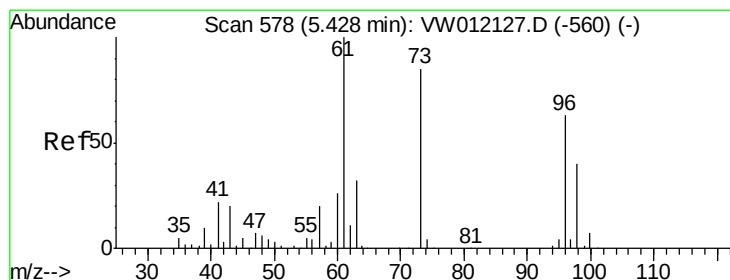
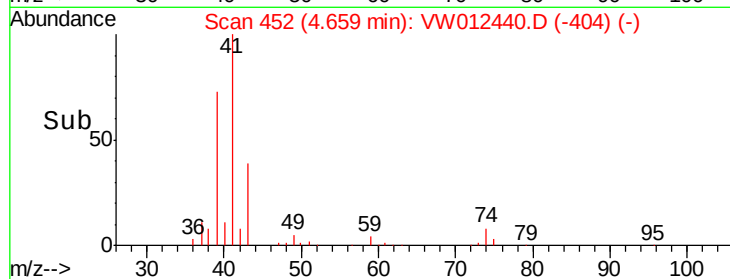
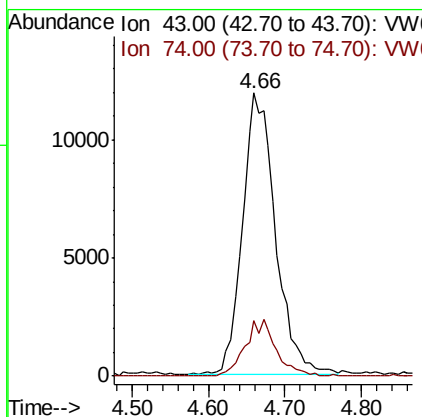
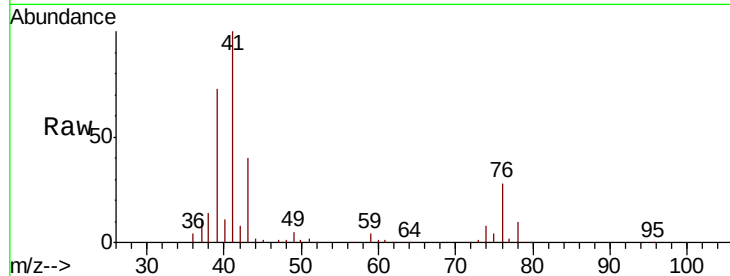




#18
Methyl Acetate
Concen: 21.491 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

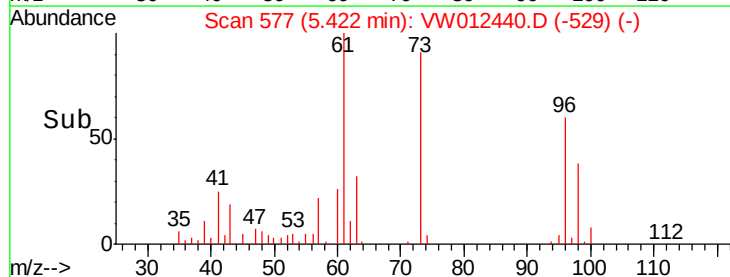
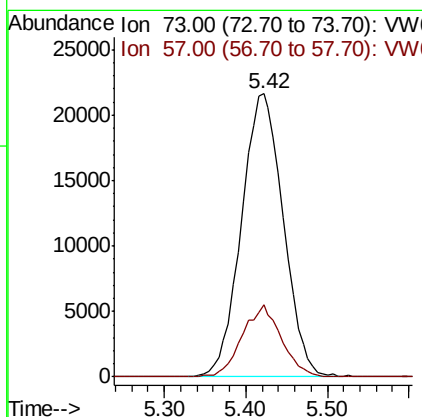
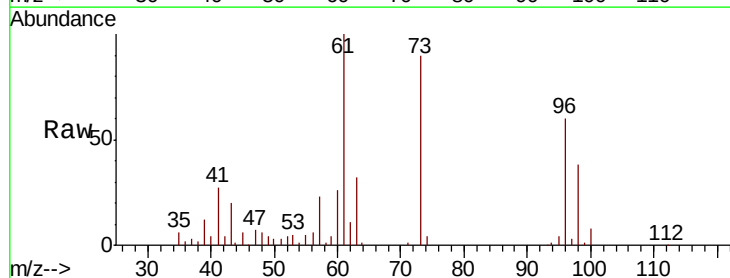
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

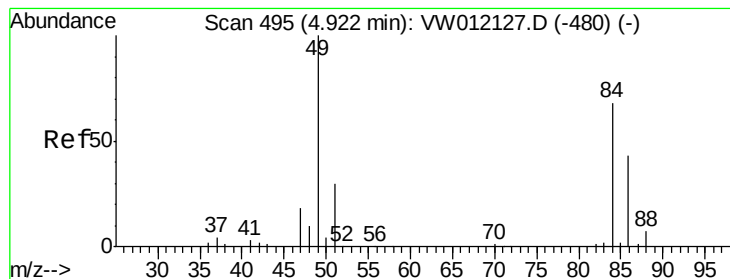
Tgt Ion: 43 Resp: 35790
Ion Ratio Lower Upper
43 100
74 18.8 15.7 23.5



#19
Methyl tert-butyl Ether
Concen: 21.473 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 73 Resp: 77070
Ion Ratio Lower Upper
73 100
57 25.5 18.9 28.3





#20

Methylene Chloride

Concen: 19.708 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tgt Ion: 84 Resp: 50094

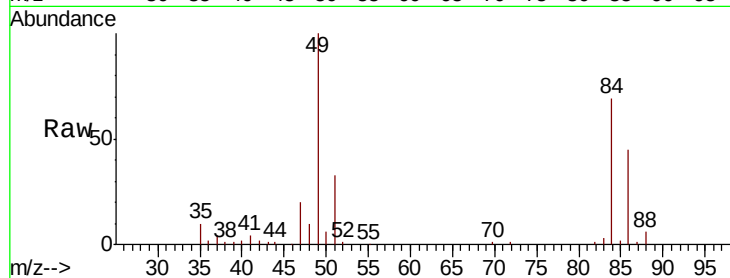
Ion Ratio Lower Upper

84 100

49 145.5 117.8 176.8

51 47.6 35.6 53.4

86 65.2 51.2 76.8

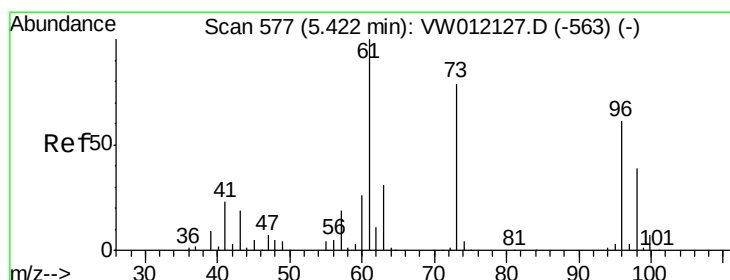
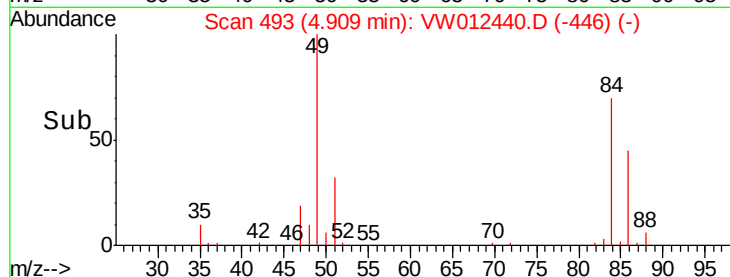
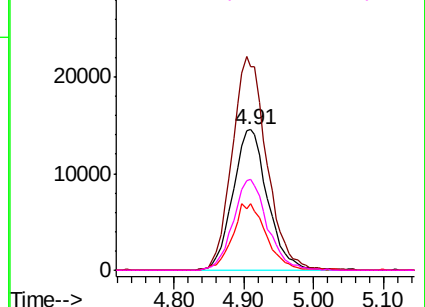


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#21

trans-1,2-Dichloroethene

Concen: 19.668 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

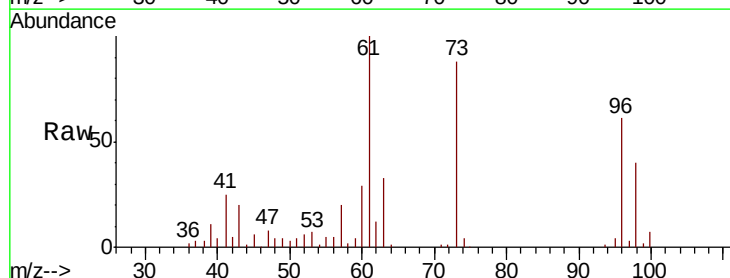
Tgt Ion: 96 Resp: 46810

Ion Ratio Lower Upper

96 100

61 164.6 131.4 197.0

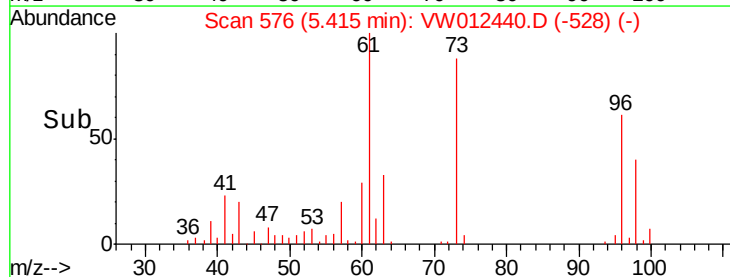
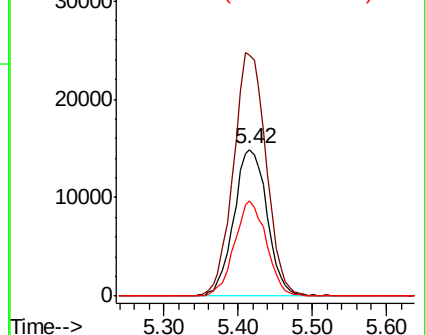
98 65.3 51.4 77.0

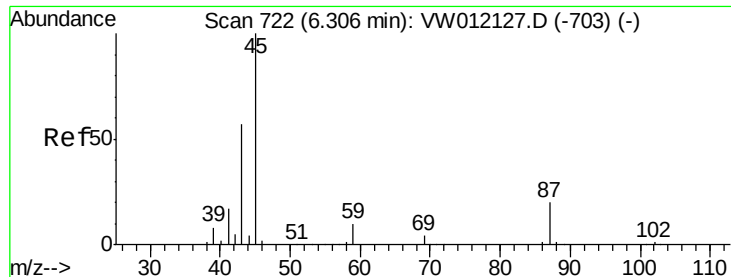


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#22

Diisopropyl ether

Concen: 20.967 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tgt Ion: 45 Resp: 184405

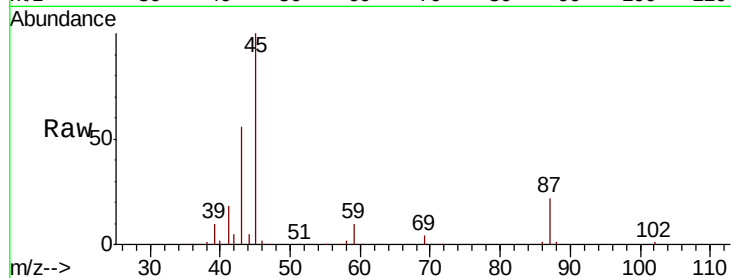
Ion Ratio Lower Upper

45 100

43 55.1 45.5 68.3

87 21.5 16.1 24.1

59 9.9 8.2 12.2

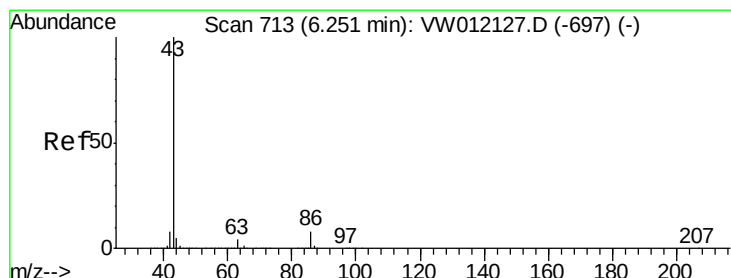
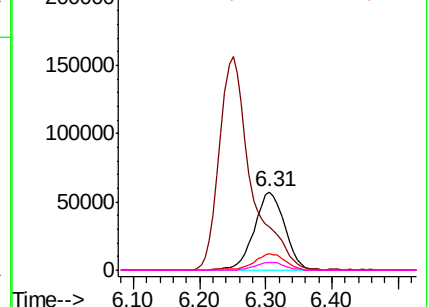
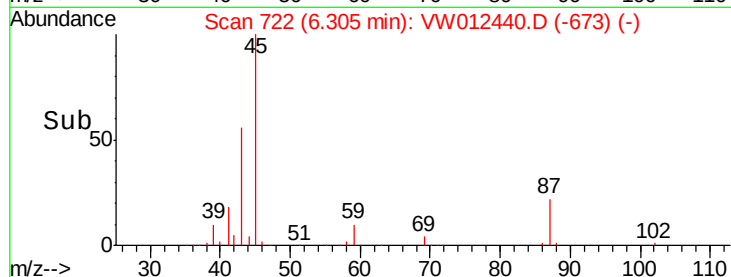


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW



#23

Vinyl Acetate

Concen: 97.108 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012440.D

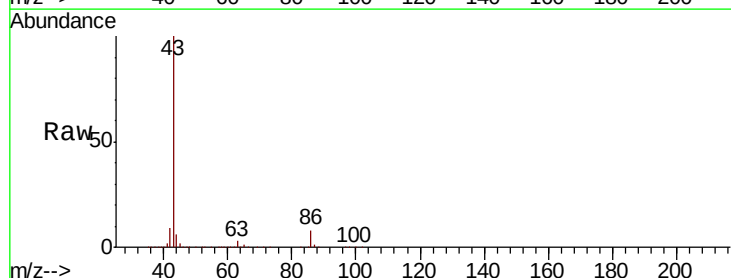
Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 525600

Ion Ratio Lower Upper

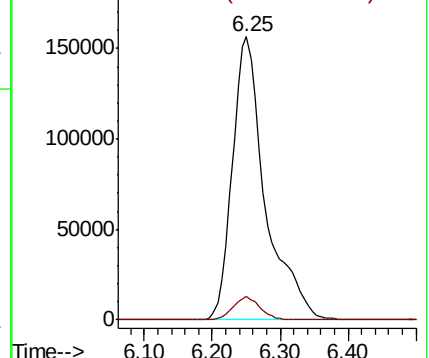
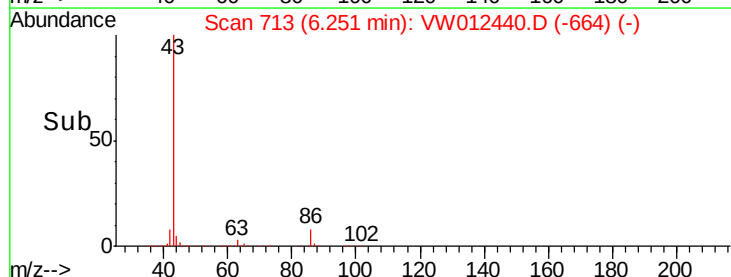
43 100

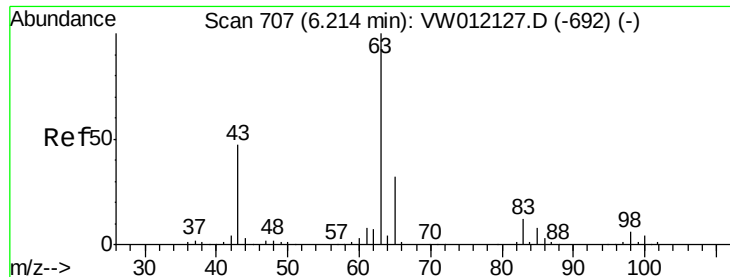
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

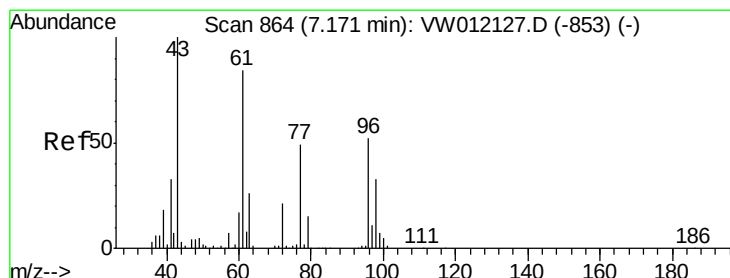
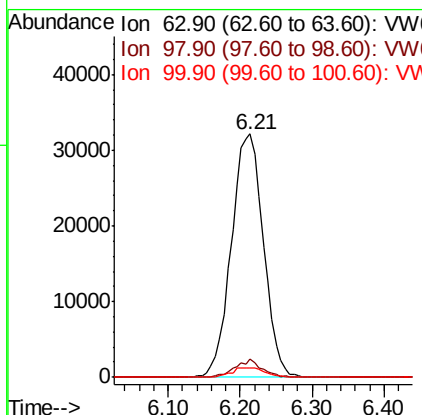
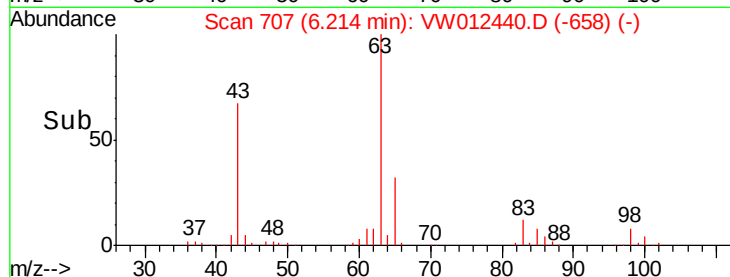
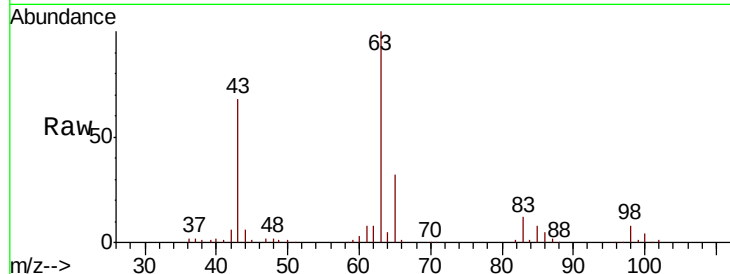




#24
 1,1-Dichloroethane
 Concen: 20.763 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

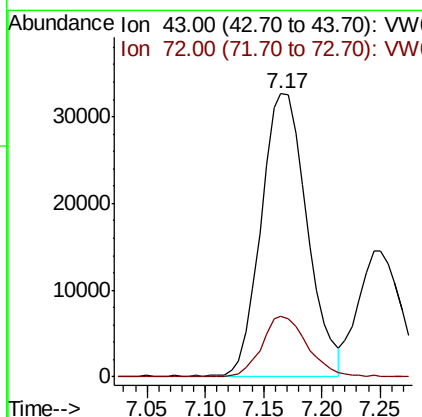
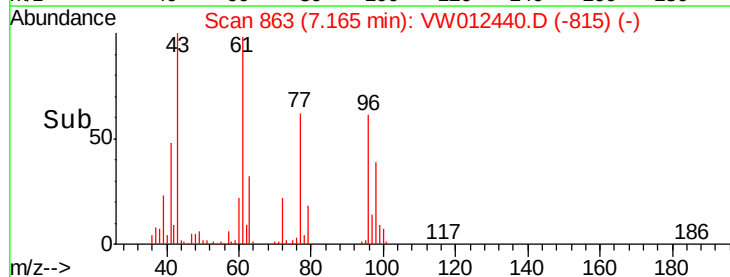
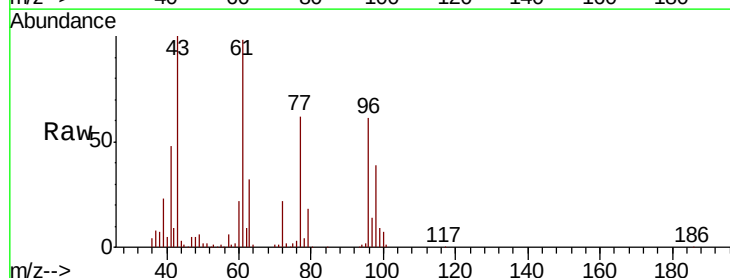
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

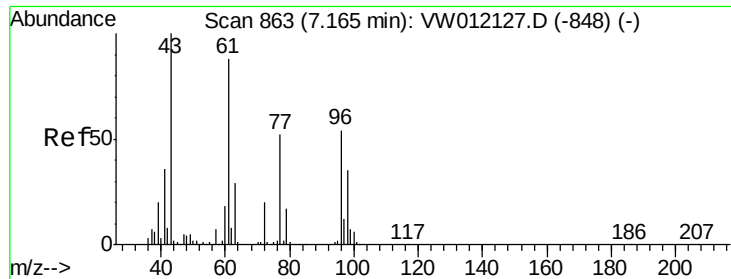
Tgt Ion: 63 Resp: 99428
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.0 9.2
 100 4.1 2.0 6.0



#25
 2-Butanone
 Concen: 98.084 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 89617
 Ion Ratio Lower Upper
 43 100
 72 21.6 16.6 24.8

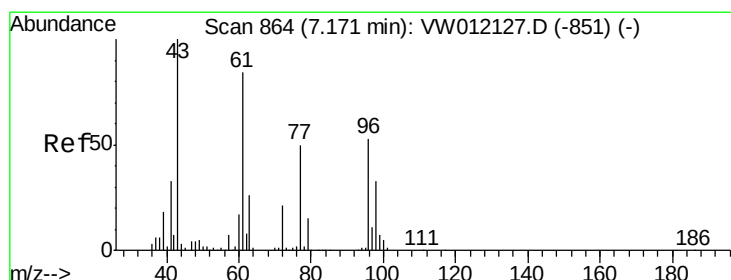
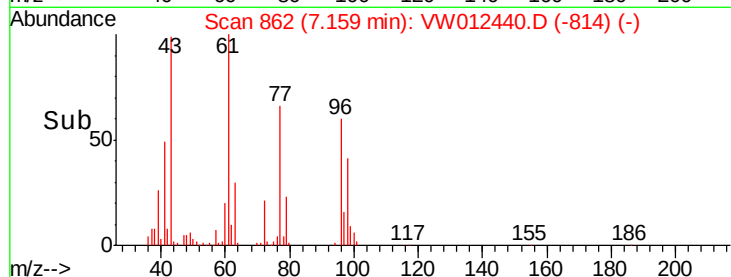
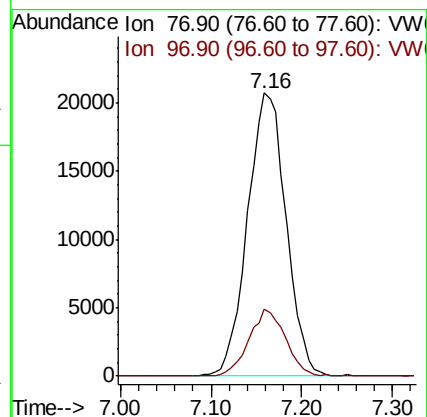
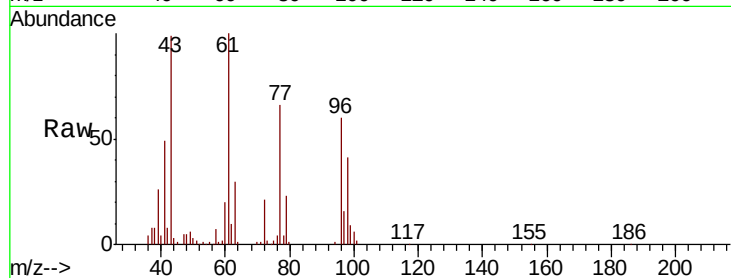




#26
 2,2-Dichloropropane
 Concen: 22.469 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

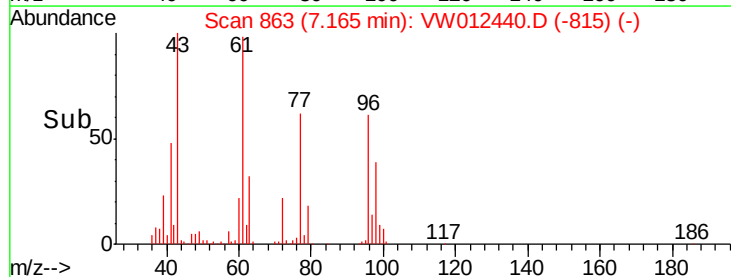
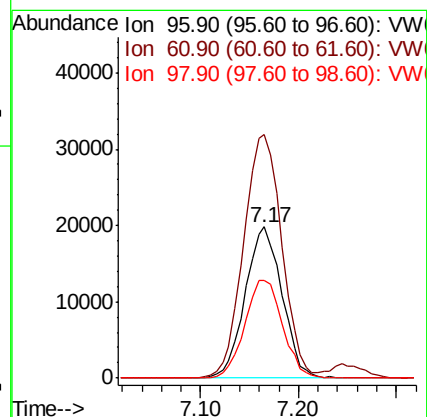
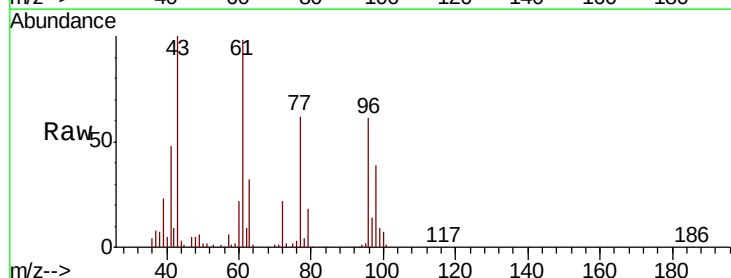
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

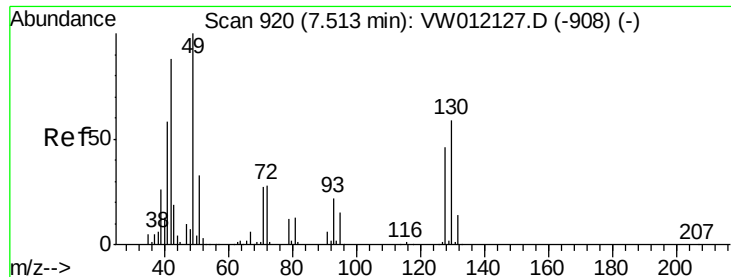
Tgt Ion: 77 Resp: 60902
 Ion Ratio Lower Upper
 77 100
 97 22.2 11.1 33.1



#27
 cis-1,2-Dichloroethene
 Concen: 20.288 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 96 Resp: 51588
 Ion Ratio Lower Upper
 96 100
 61 167.6 0.0 326.6
 98 66.7 0.0 127.4





#28

Bromochloromethane

Concen: 20.202 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

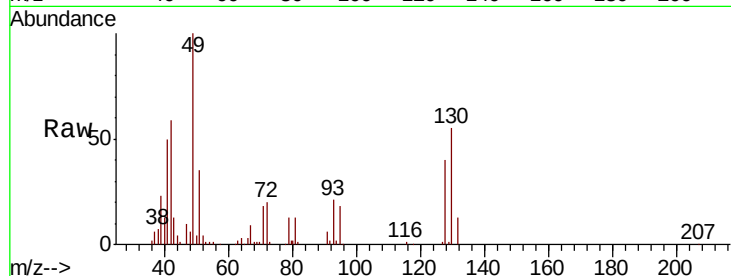
Tgt Ion: 49 Resp: 42164

Ion Ratio Lower Upper

49 100

129 0.2 0.0 1.4

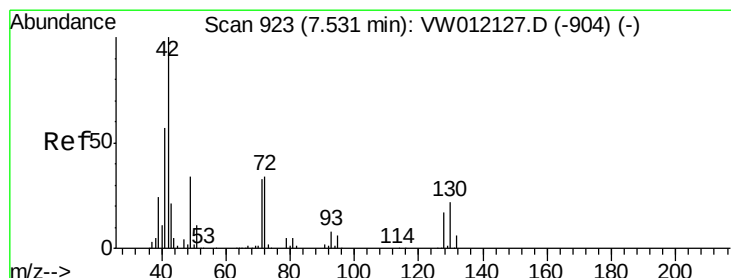
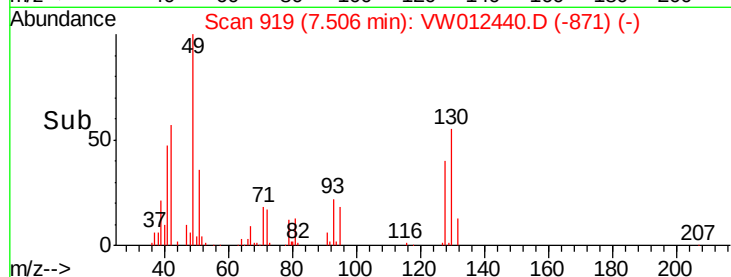
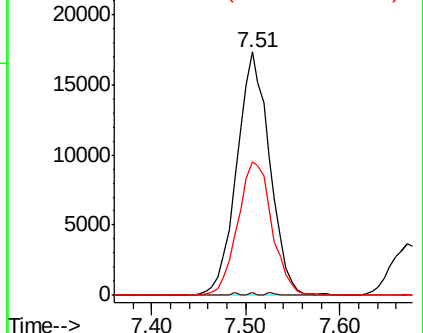
130 57.3 45.5 68.3



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 99.206 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

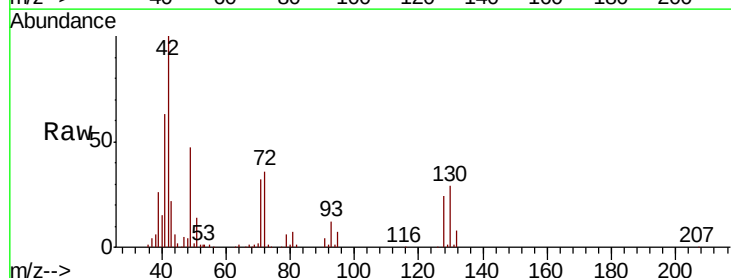
Tgt Ion: 42 Resp: 54381

Ion Ratio Lower Upper

42 100

72 34.8 27.3 40.9

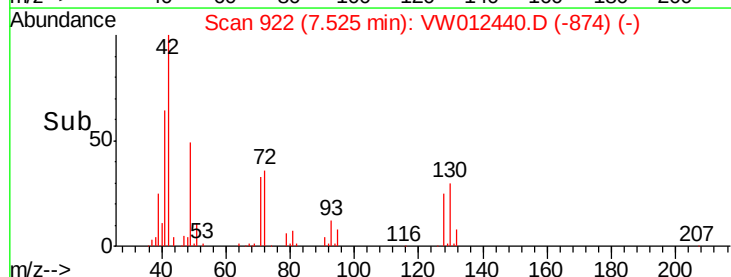
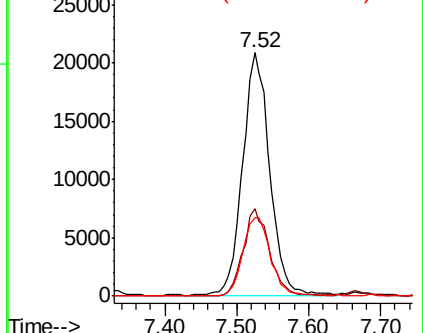
71 33.2 25.5 38.3

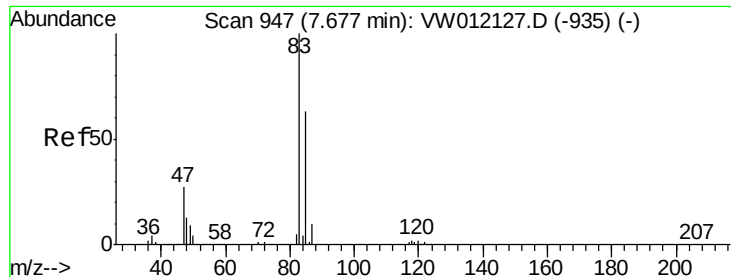


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

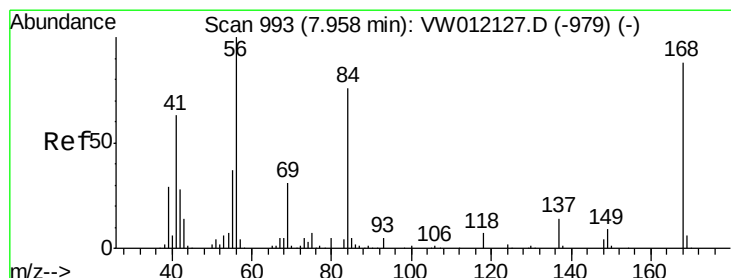
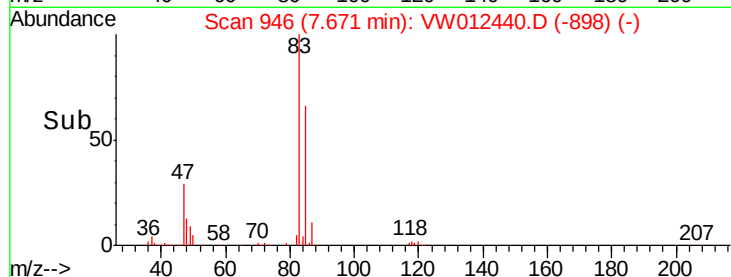
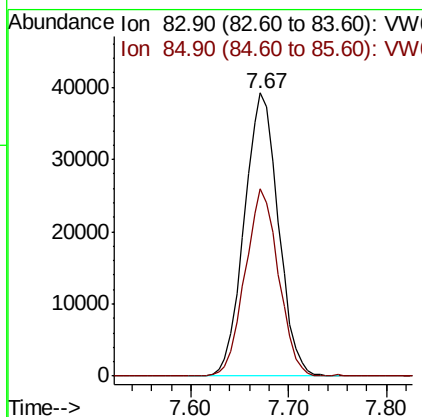
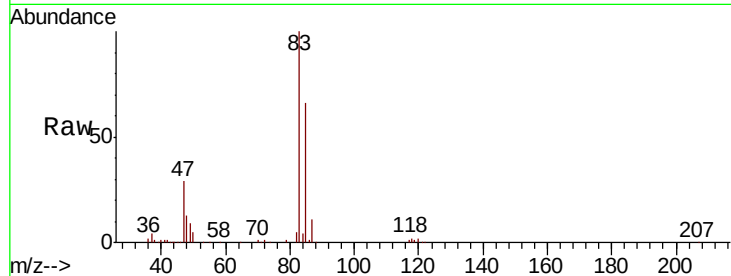




#30
Chloroform
Concen: 21.665 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

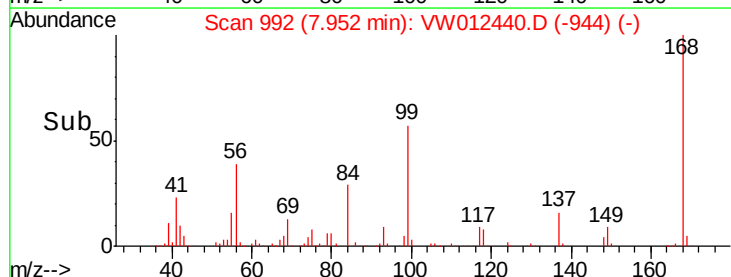
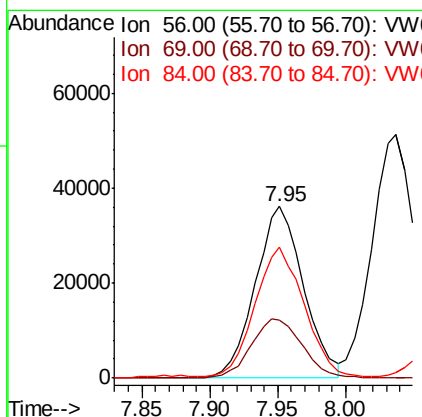
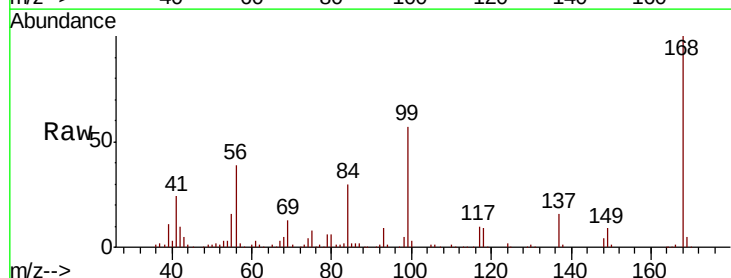
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

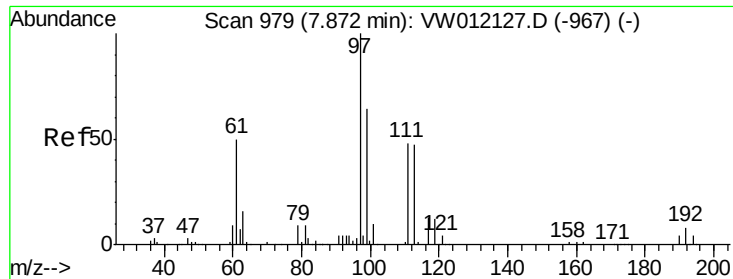
Tgt Ion: 83 Resp: 94919
Ion Ratio Lower Upper
83 100
85 66.0 50.6 76.0



#31
Cyclohexane
Concen: 18.928 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 56 Resp: 89678
Ion Ratio Lower Upper
56 100
69 33.5 24.9 37.3
84 75.5 60.6 90.8





#32

1,1,1-Trichloroethane

Concen: 22.412 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

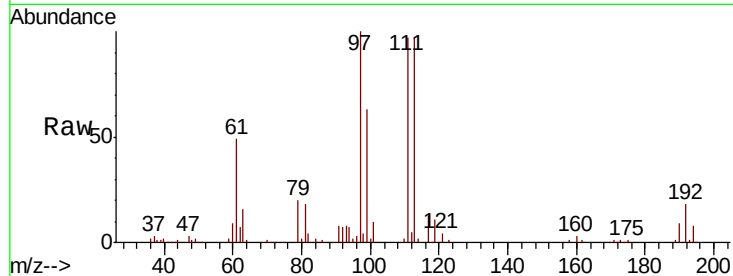
Tgt Ion: 97 Resp: 77676

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

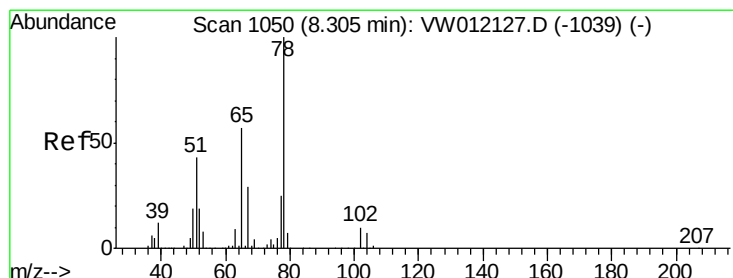
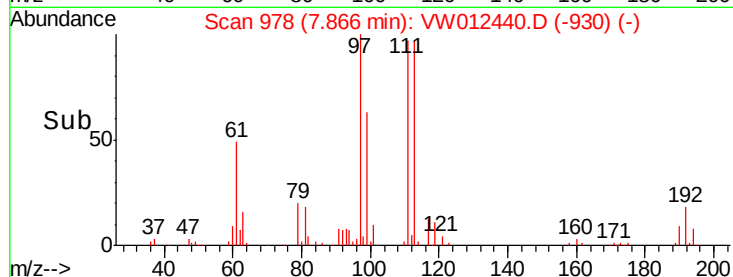
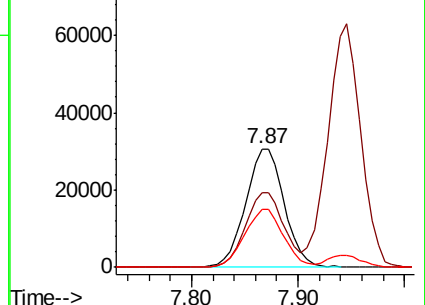
61 49.6 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.452 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012440.D

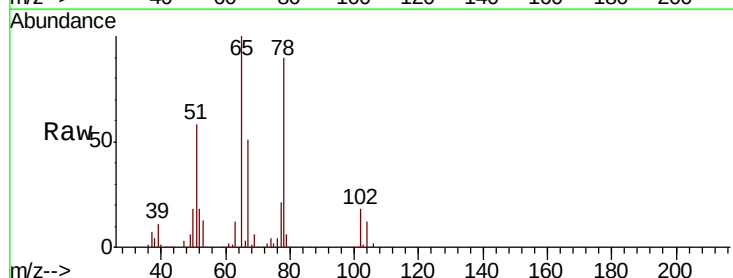
Acq: 01 Sep 2019 11:47

Tgt Ion: 65 Resp: 132705

Ion Ratio Lower Upper

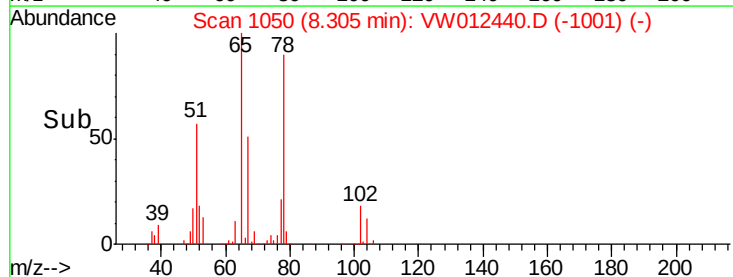
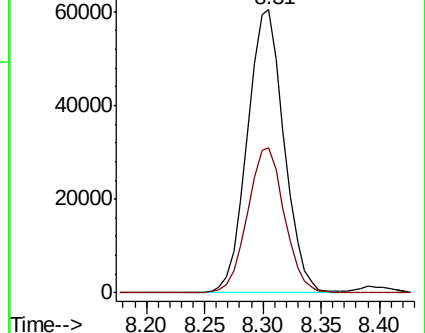
65 100

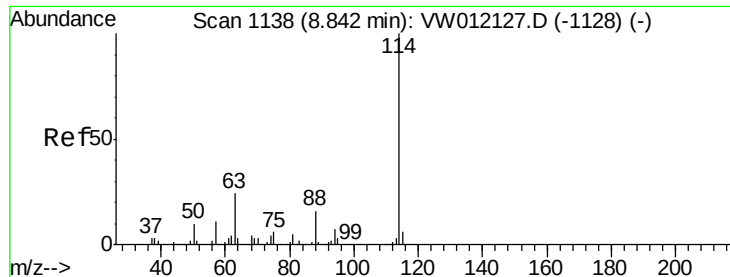
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

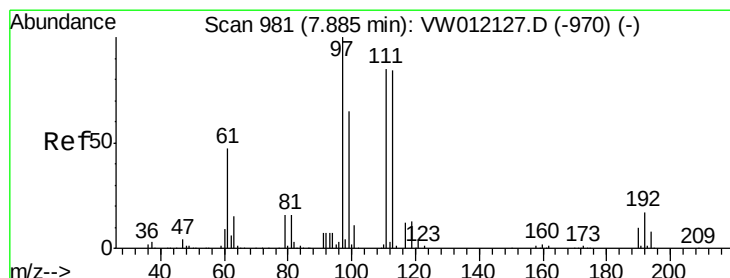
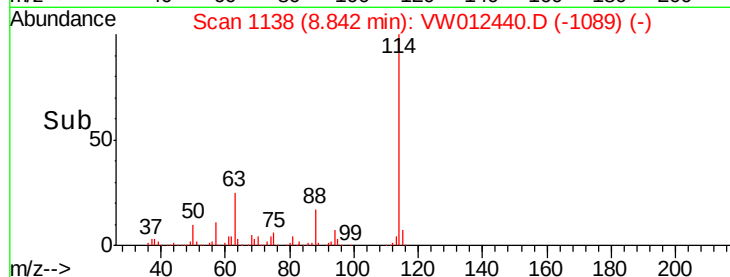
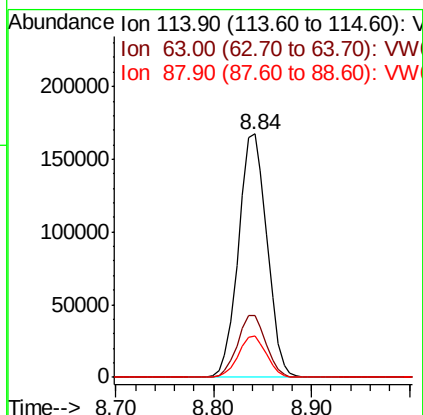
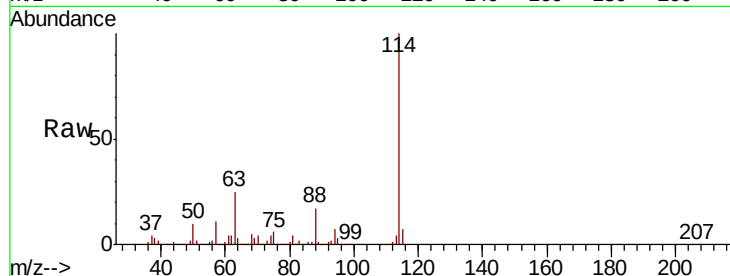




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

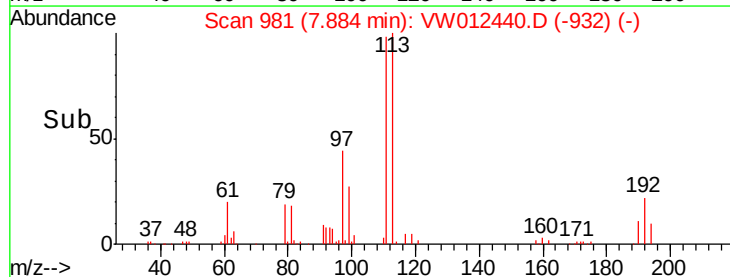
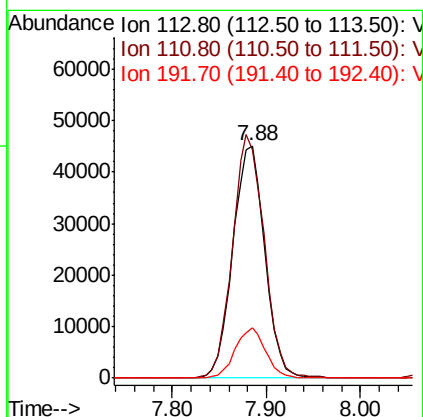
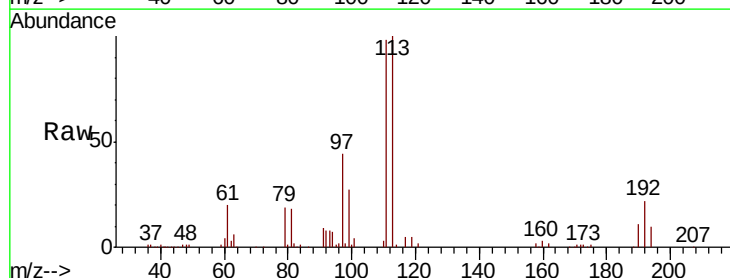
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

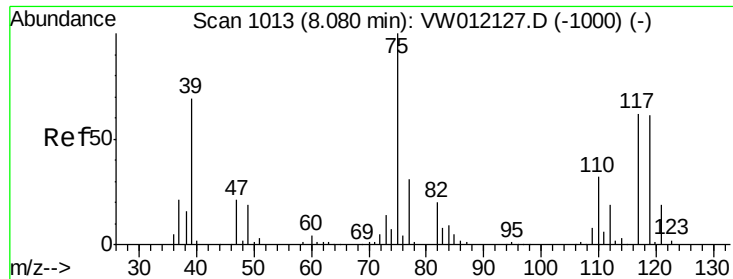
Tgt Ion:114 Resp: 338775
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 48.6
 88 17.1 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 52.614 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion:113 Resp: 106394
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.7 124.1
 192 20.5 16.2 24.2

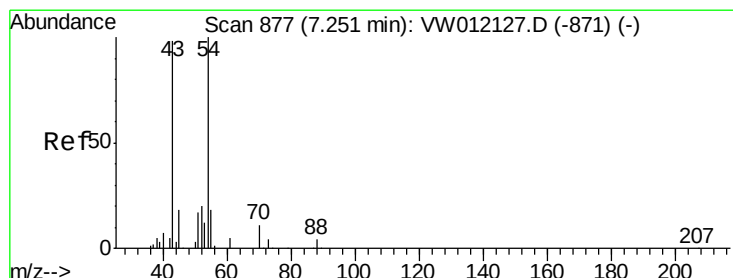
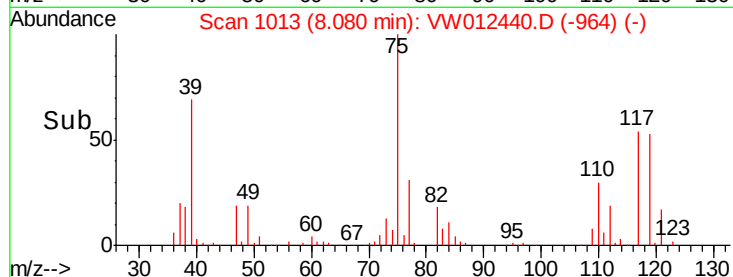
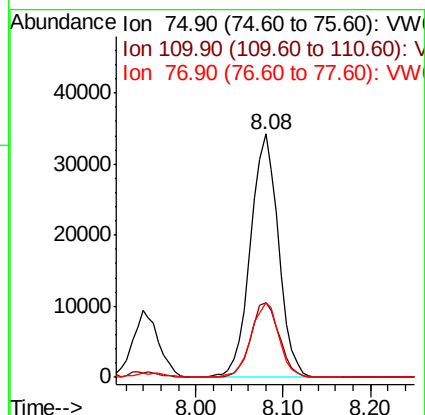
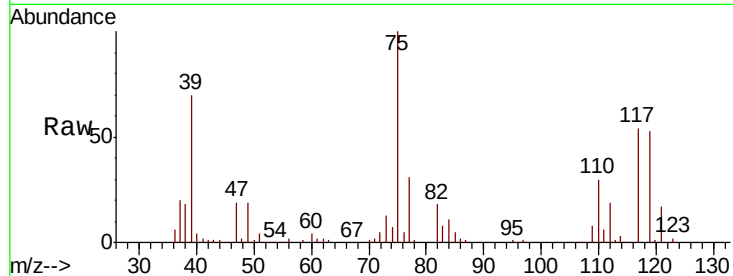




#36
 1,1-Dichloropropene
 Concen: 21.761 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

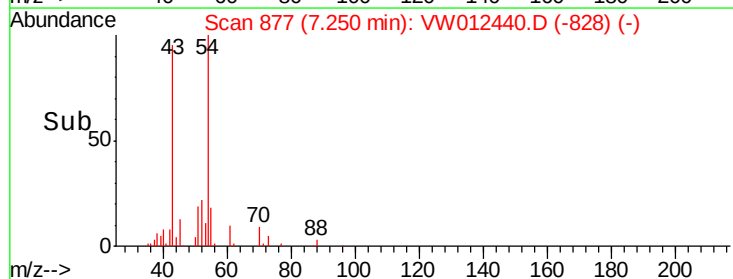
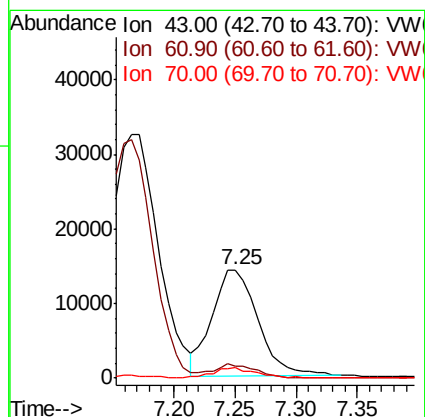
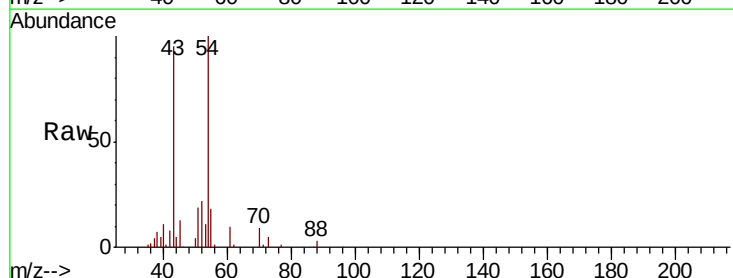
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

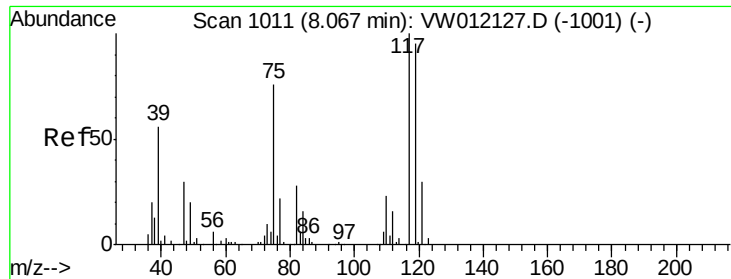
Tgt Ion: 75 Resp: 76181
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.6 46.8
 77 30.7 24.6 36.8



#37
 Ethyl Acetate
 Concen: 19.540 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 37485
 Ion Ratio Lower Upper
 43 100
 61 12.1 9.2 13.8
 70 9.3 6.9 10.3

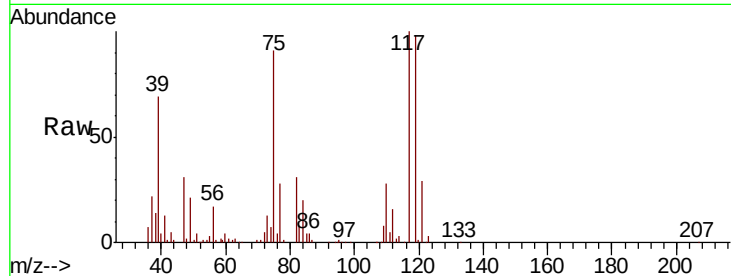




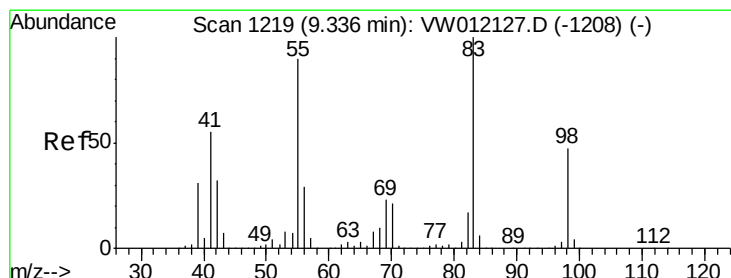
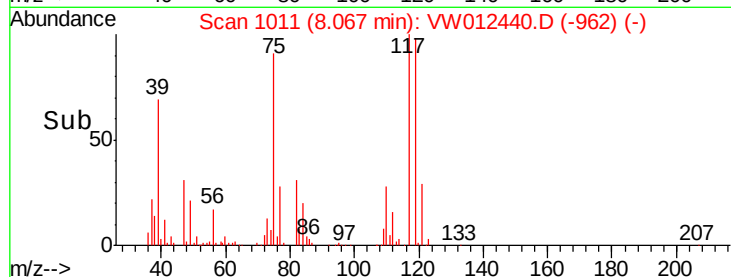
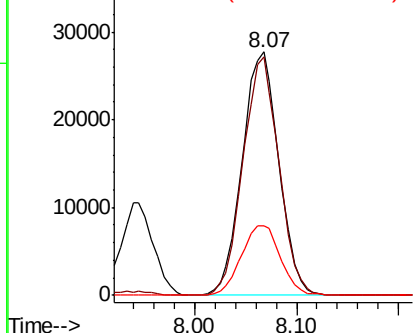
#38
Carbon Tetrachloride
Concen: 22.880 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tgt Ion:117 Resp: 69328
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 28.7 23.8 35.8

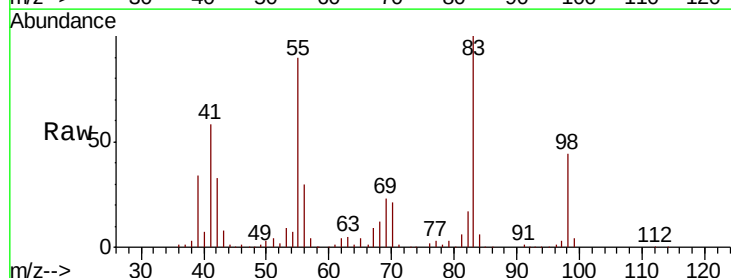


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

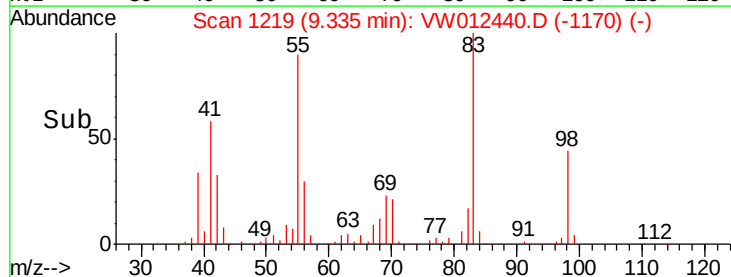
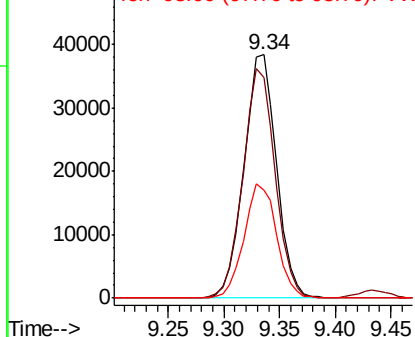


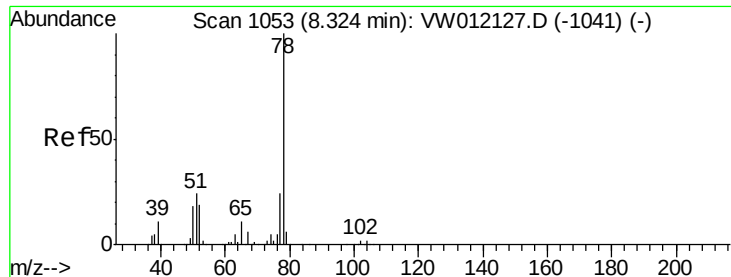
#39
Methylcyclohexane
Concen: 19.883 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 83 Resp: 78199
Ion Ratio Lower Upper
83 100
55 90.4 71.8 107.8
98 44.1 37.8 56.8



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





#40

Benzene

Concen: 21.354 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

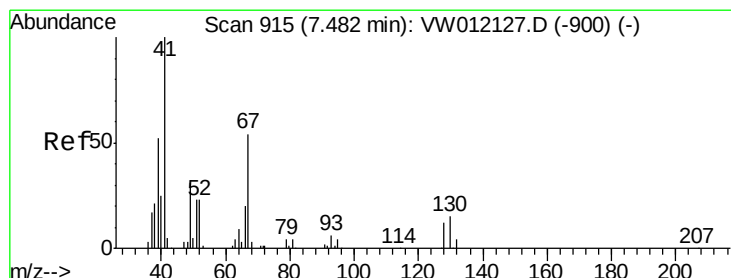
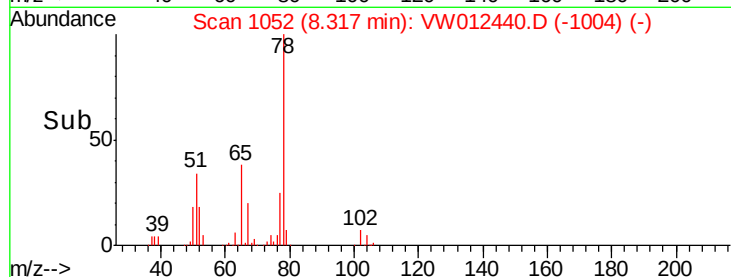
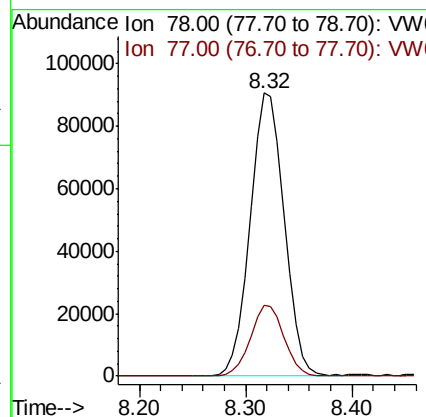
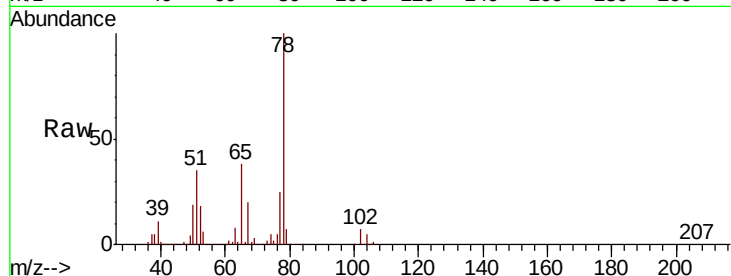
VW0901SBS01

Tgt Ion: 78 Resp: 204130

Ion Ratio Lower Upper

78 100

77 25.0 19.5 29.3



#41

Methacrylonitrile

Concen: 21.188 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Tgt Ion: 41 Resp: 23890

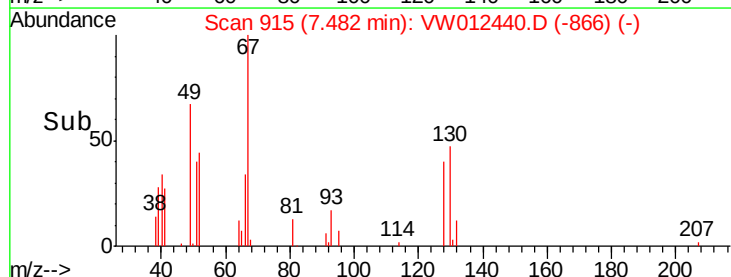
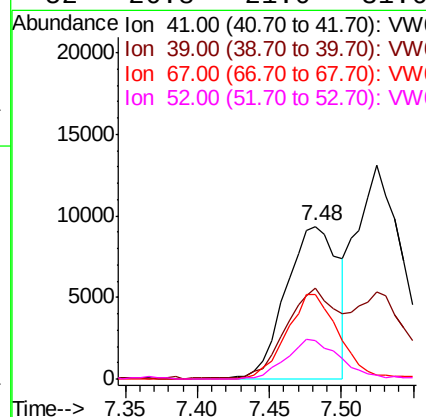
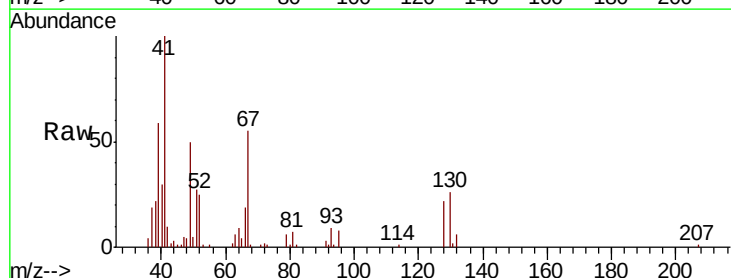
Ion Ratio Lower Upper

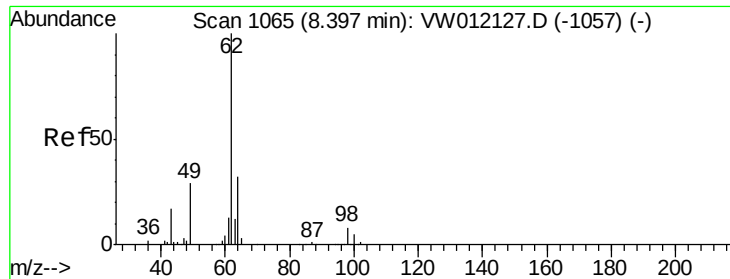
41 100

39 56.2 45.8 68.8

67 55.2 46.2 69.4

52 26.8 21.0 31.6

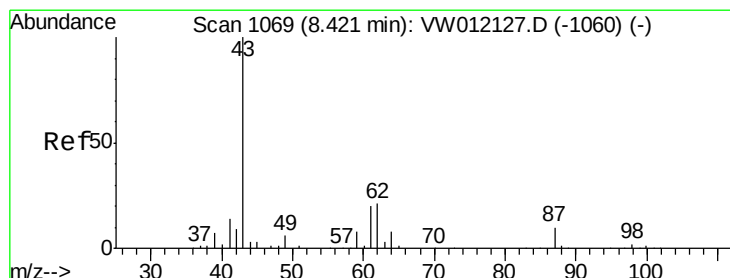
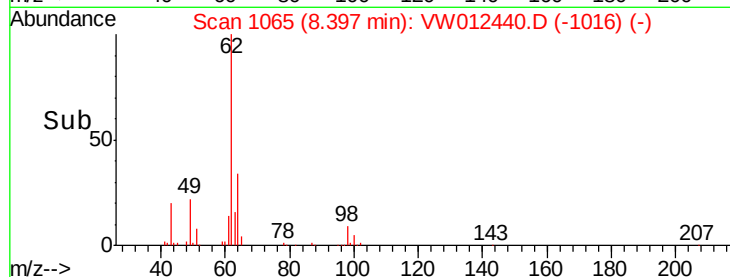
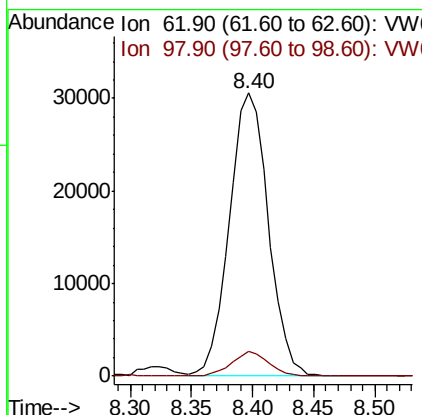
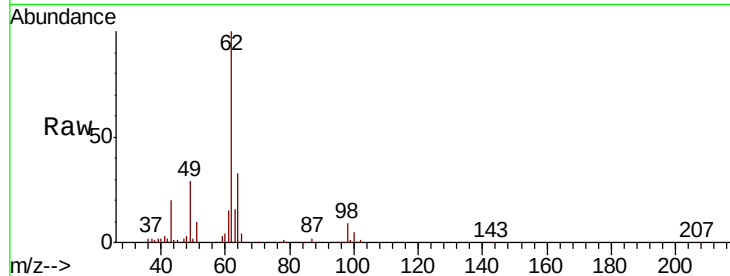




#42
 1,2-Dichloroethane
 Concen: 22.442 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

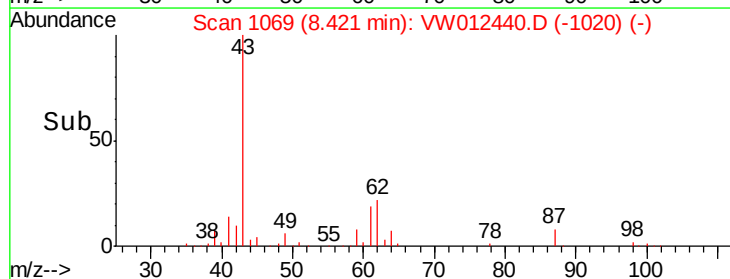
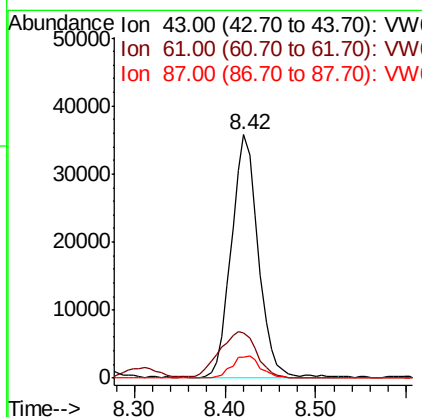
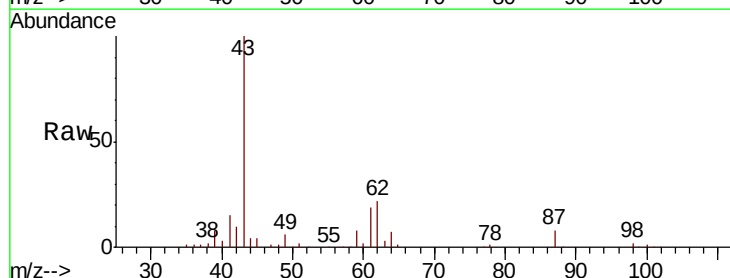
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

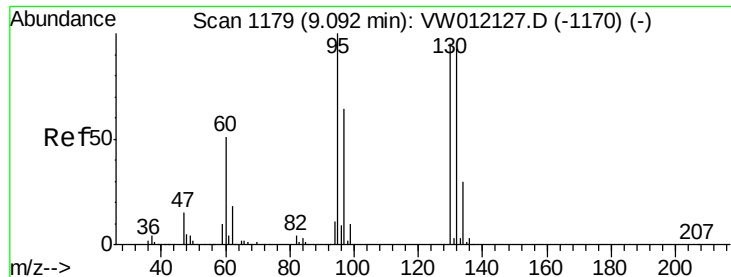
Tgt Ion: 62 Resp: 67236
 Ion Ratio Lower Upper
 62 100
 98 8.2 0.0 16.6



#43
 Isopropyl Acetate
 Concen: 20.703 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 73570
 Ion Ratio Lower Upper
 43 100
 61 26.0 21.1 31.7
 87 9.8 8.2 12.2





#44

Trichloroethene

Concen: 21.709 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

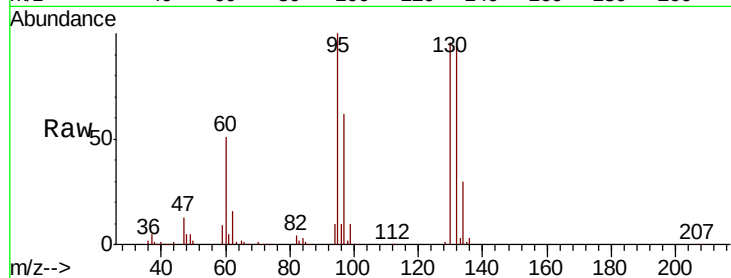
VW0901SBS01

Tgt Ion:130 Resp: 50447

Ion Ratio Lower Upper

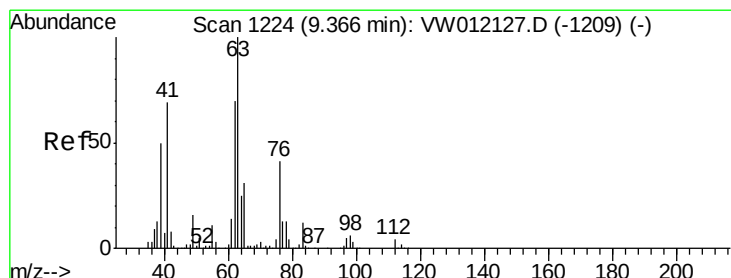
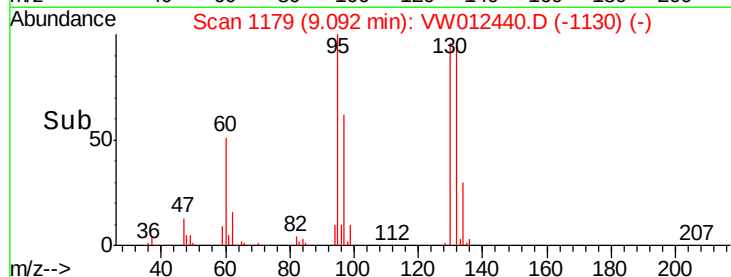
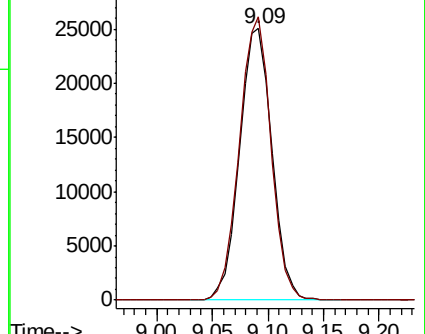
130 100

95 104.2 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 21.200 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012440.D

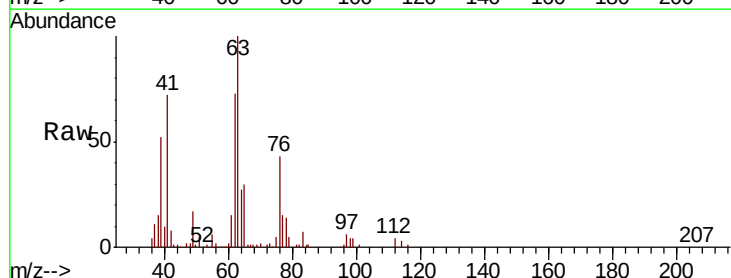
Acq: 01 Sep 2019 11:47

Tgt Ion: 63 Resp: 54540

Ion Ratio Lower Upper

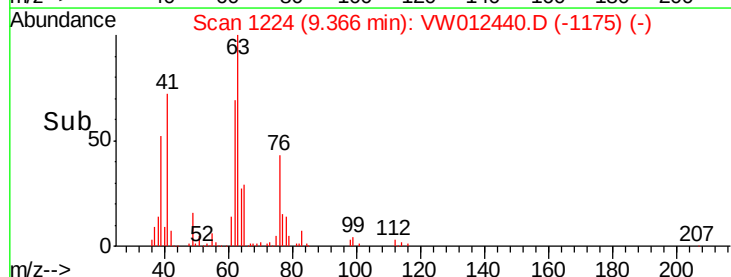
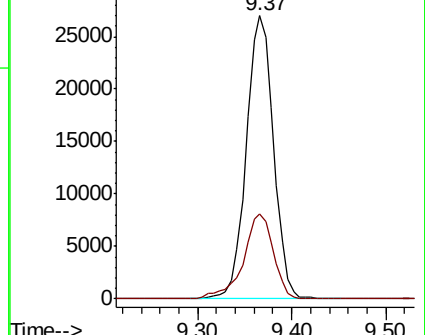
63 100

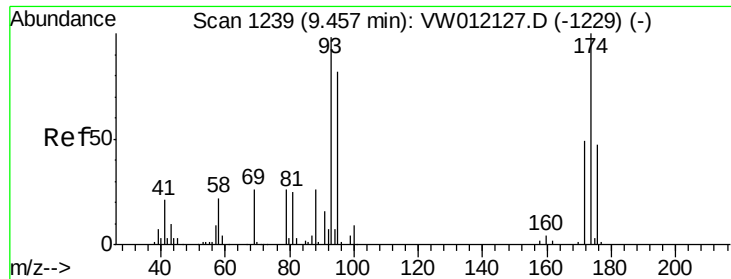
65 30.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

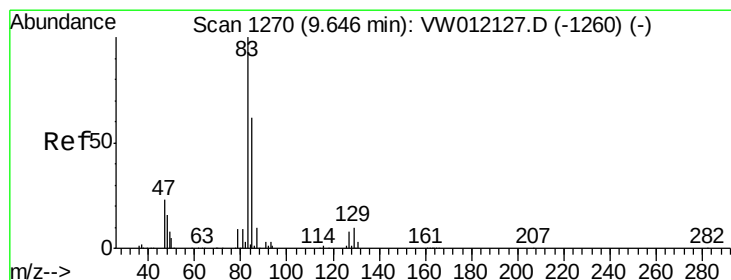
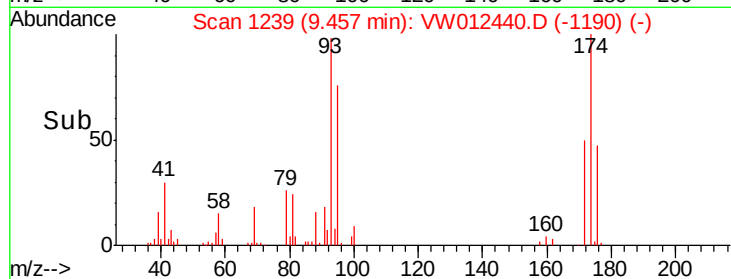
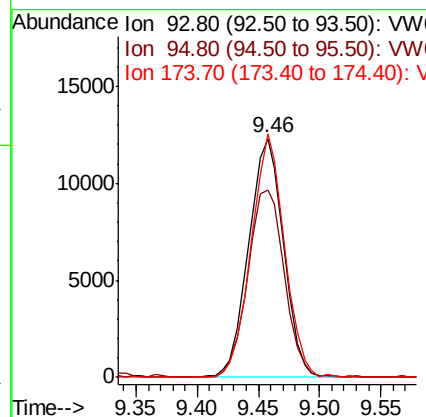
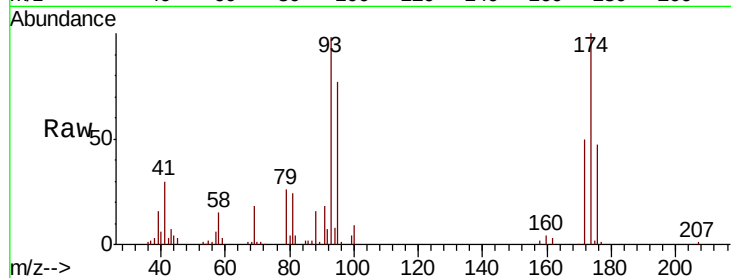




#46
Dibromomethane
Concen: 21.345 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

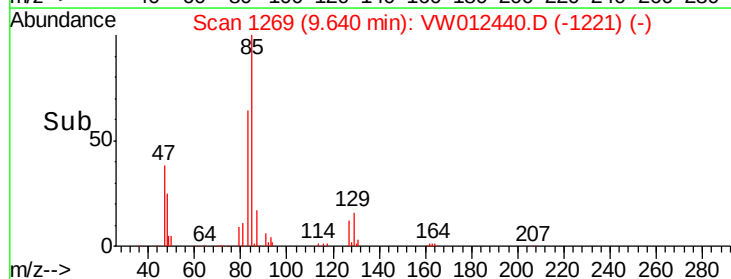
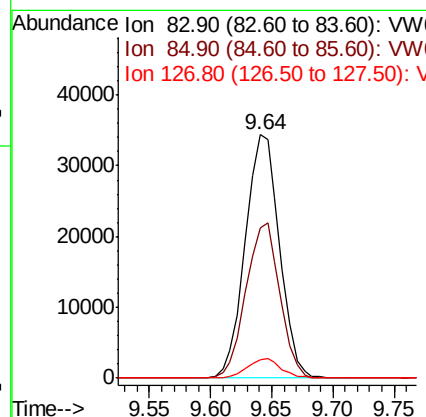
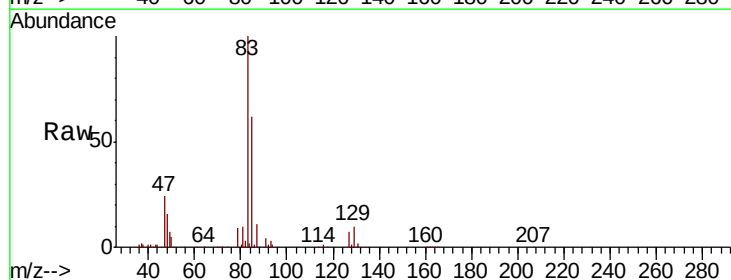
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

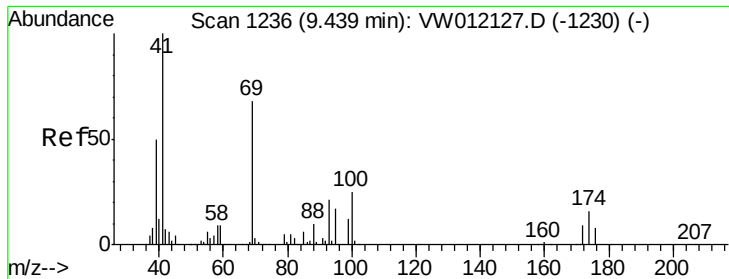
Tgt Ion: 93 Resp: 24433
Ion Ratio Lower Upper
93 100
95 82.4 67.2 100.8
174 97.3 79.0 118.6



#47
Bromodichloromethane
Concen: 21.943 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 83 Resp: 66848
Ion Ratio Lower Upper
83 100
85 61.8 49.4 74.2
127 7.3 6.1 9.1

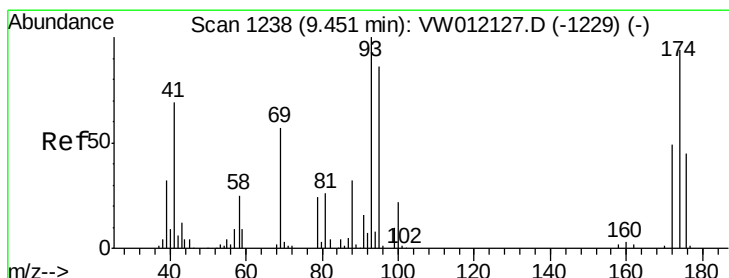
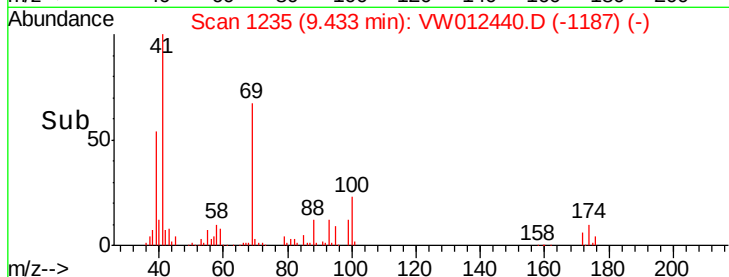
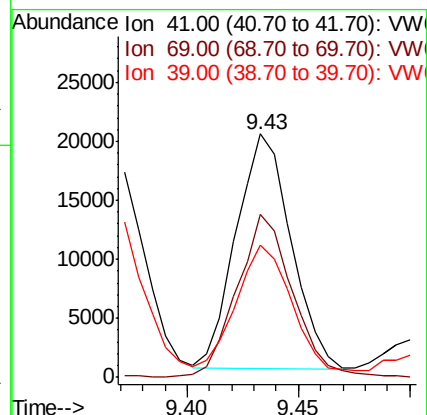
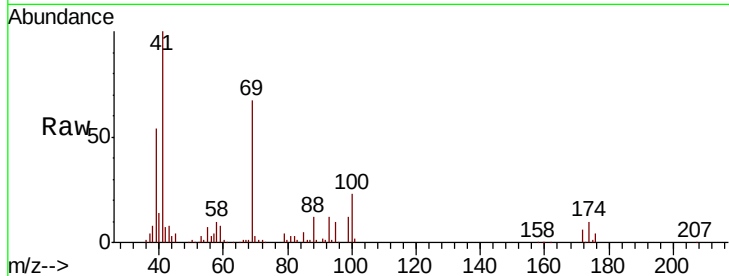




#48
Methyl methacrylate
Concen: 20.253 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

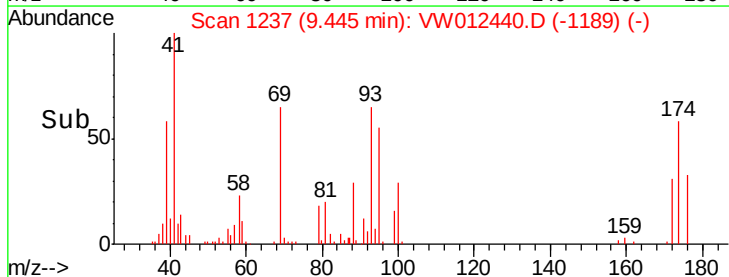
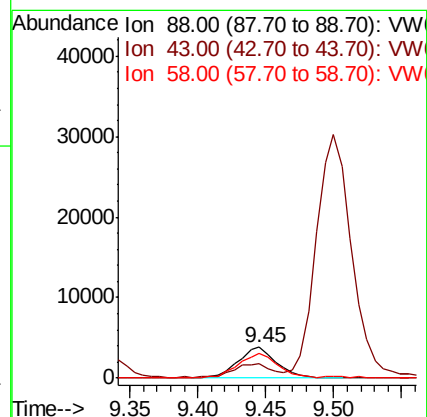
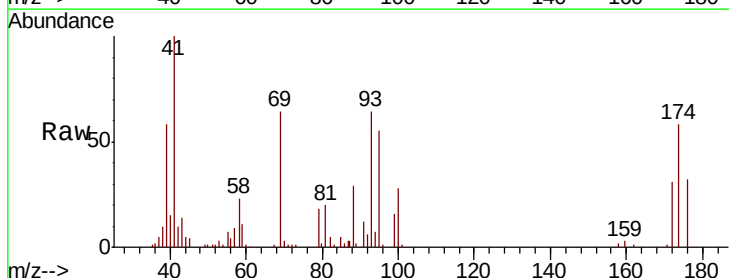
Instrument :
MSVOA_W
ClientSampled :
VW0901SBS01

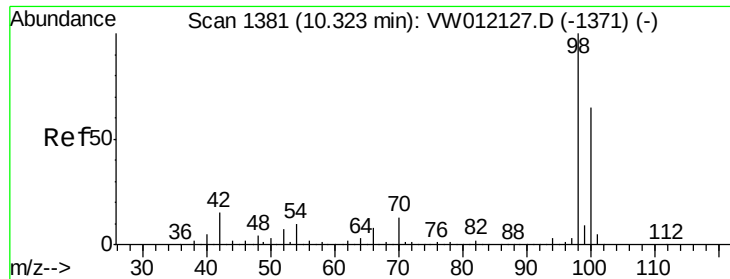
Tgt Ion: 41 Resp: 34253
Ion Ratio Lower Upper
41 100
69 70.5 56.7 85.1
39 52.9 42.0 63.0



#49
1,4-Dioxane
Concen: 431.019 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 88 Resp: 7553
Ion Ratio Lower Upper
88 100
43 46.7 32.9 49.3
58 83.0 71.0 106.4





#50

Toluene-d8

Concen: 52.303 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampled :

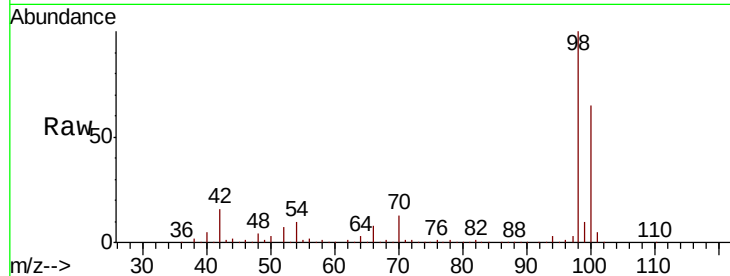
VW0901SBS01

Tgt Ion: 98 Resp: 428848

Ion Ratio Lower Upper

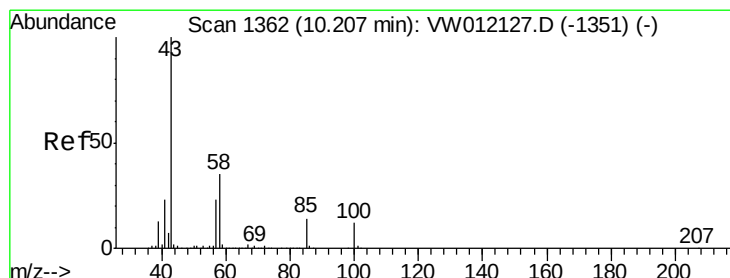
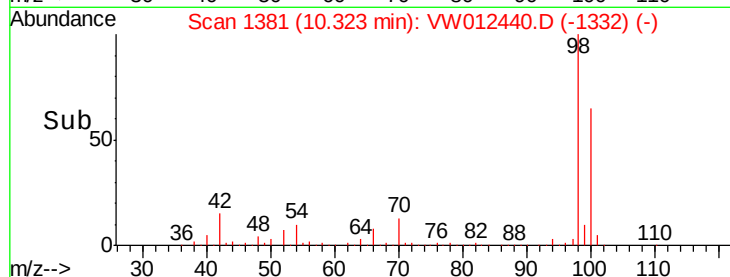
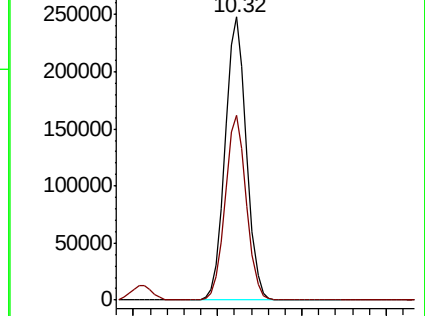
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 105.929 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012440.D

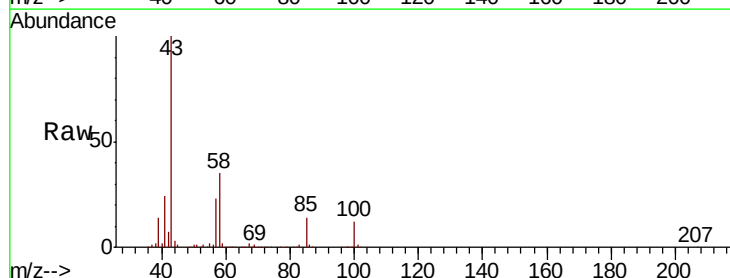
Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 191459

Ion Ratio Lower Upper

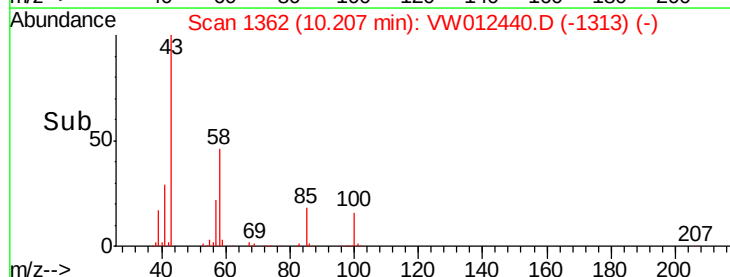
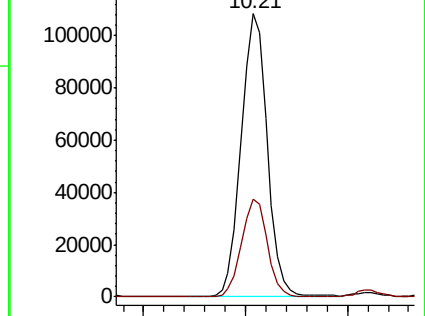
43 100

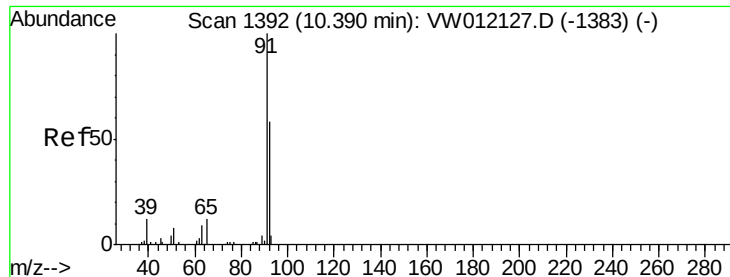
58 34.2 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 21.621 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

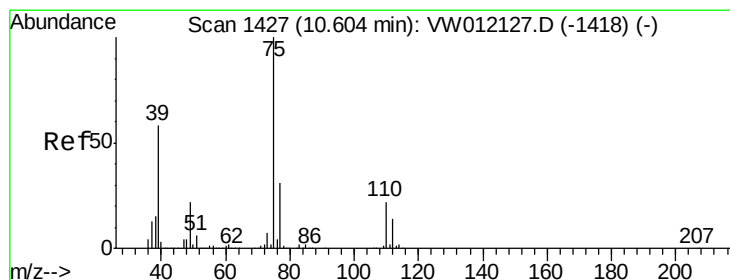
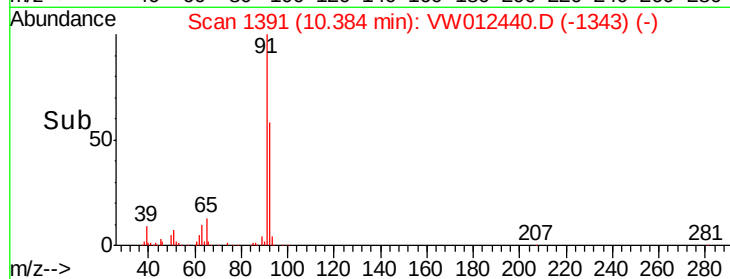
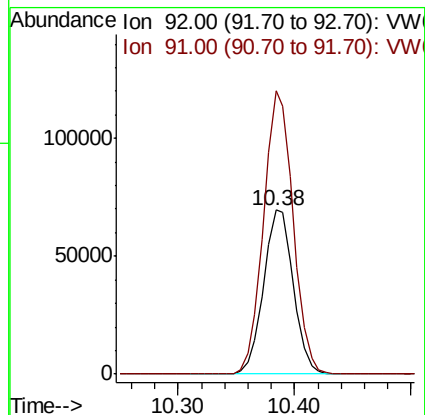
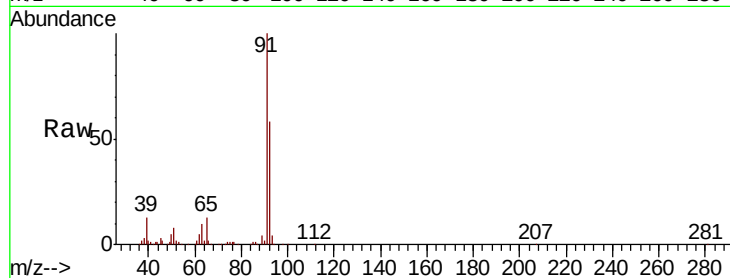
VW0901SBS01

Tgt Ion: 92 Resp: 124163

Ion Ratio Lower Upper

92 100

91 171.3 136.6 204.8



#53

t-1,3-Dichloropropene

Concen: 21.426 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012440.D

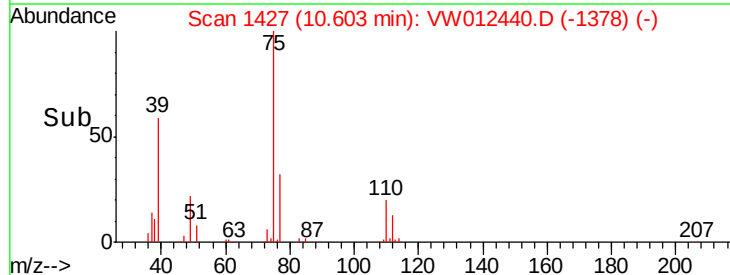
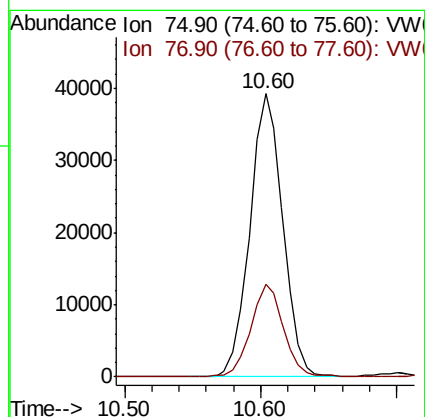
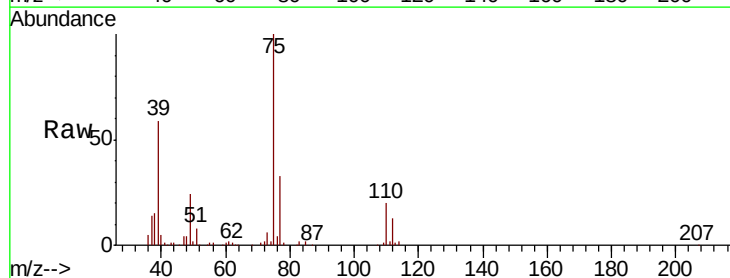
Acq: 01 Sep 2019 11:47

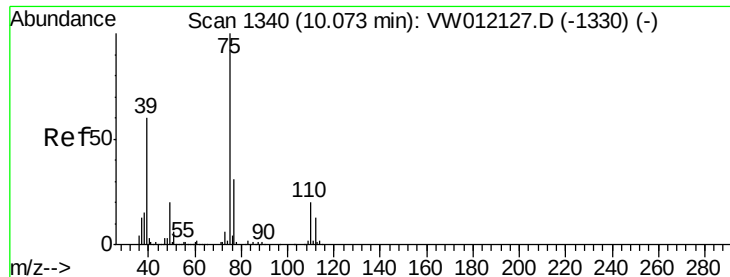
Tgt Ion: 75 Resp: 66489

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 21.093 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

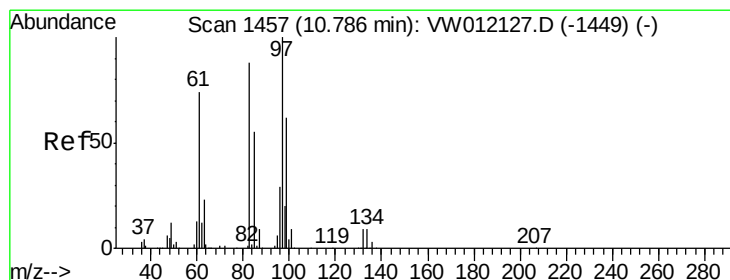
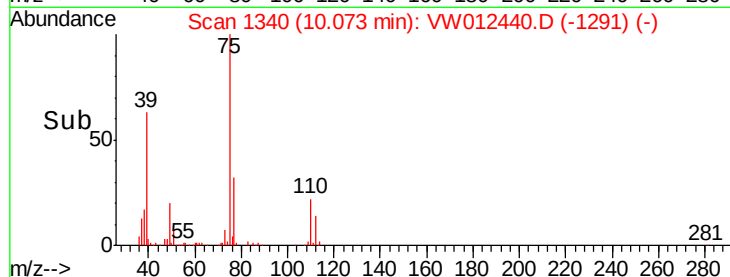
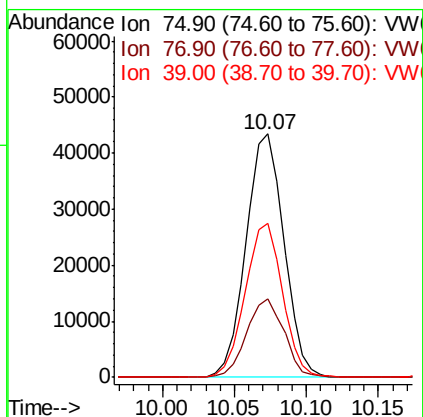
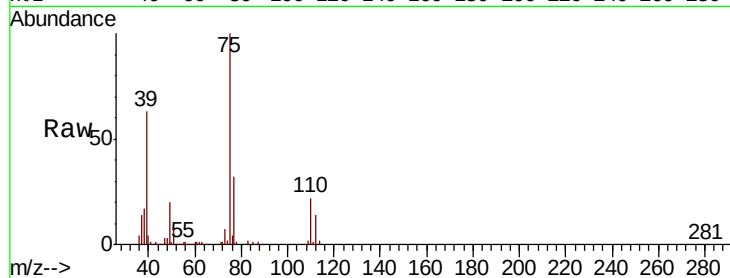
Tgt Ion: 75 Resp: 79034

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 63.1 48.3 72.5



#55

1,1,2-Trichloroethane

Concen: 21.986 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Tgt Ion: 97 Resp: 35607

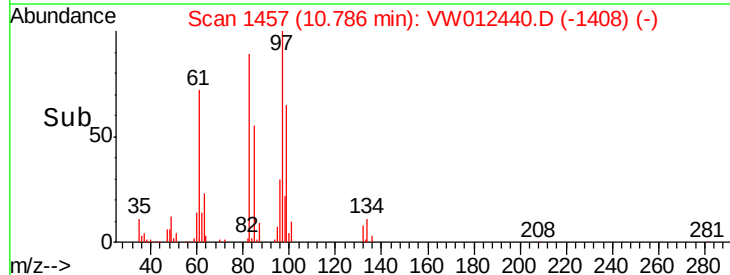
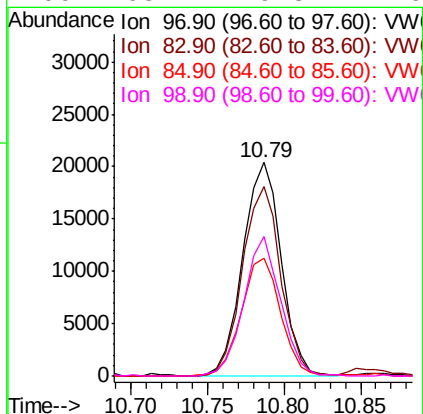
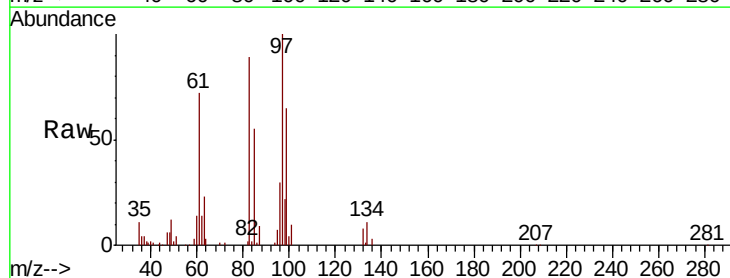
Ion Ratio Lower Upper

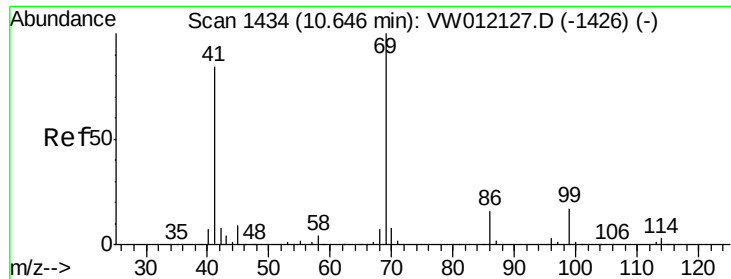
97 100

83 88.6 70.8 106.2

85 54.9 43.8 65.8

99 65.2 49.8 74.6

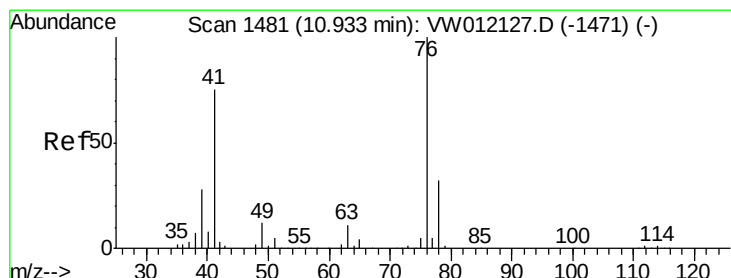
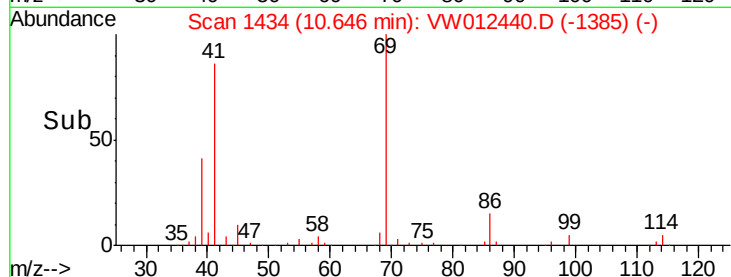
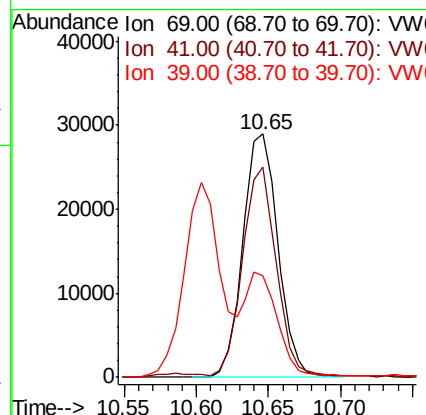
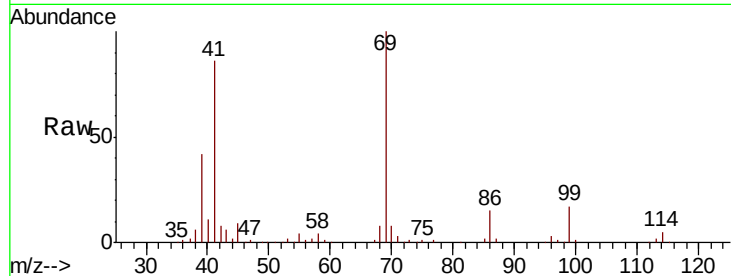




#56
Ethyl methacrylate
Concen: 20.825 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

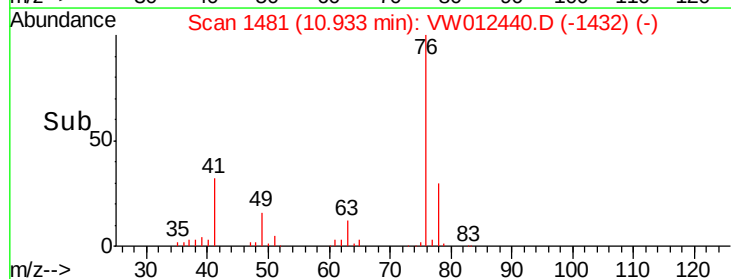
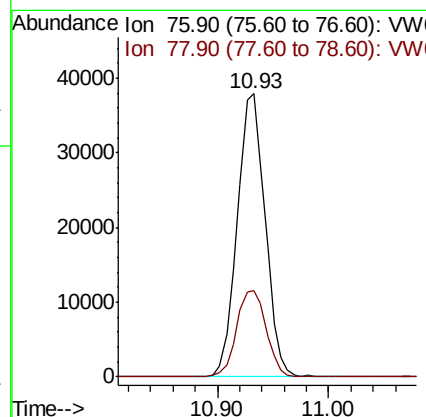
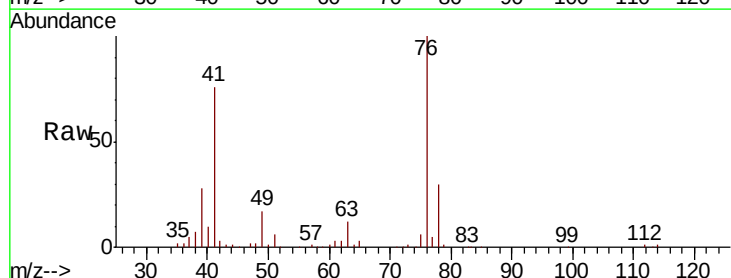
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

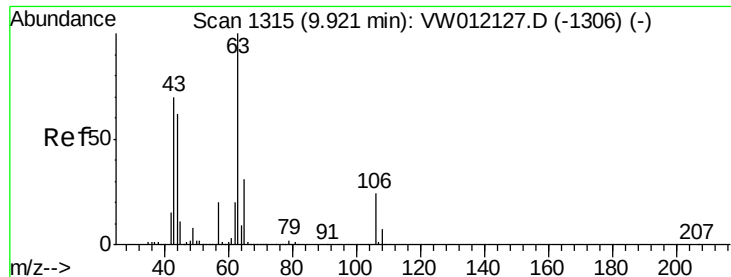
Tgt Ion: 69 Resp: 49086
Ion Ratio Lower Upper
69 100
41 81.0 66.5 99.7
39 38.4 31.0 46.4



#57
1,3-Dichloropropane
Concen: 21.523 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 76 Resp: 65872
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

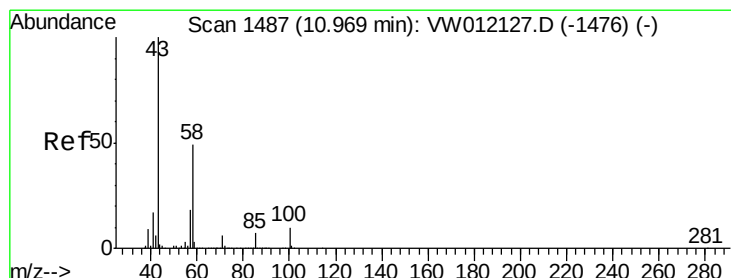
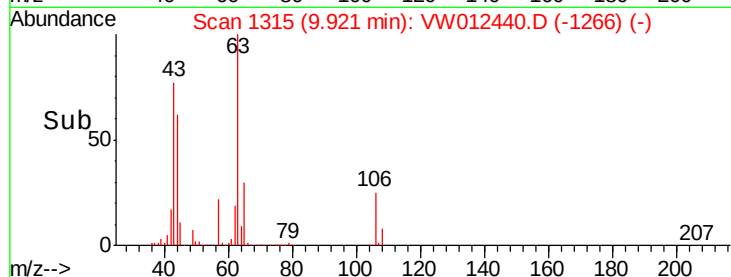
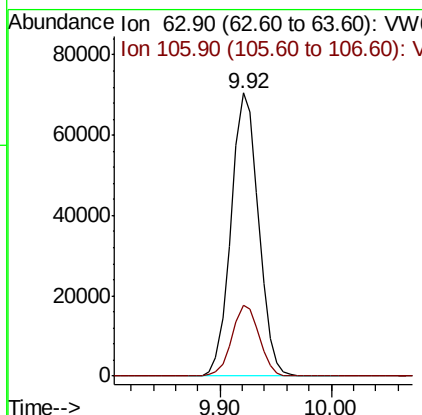
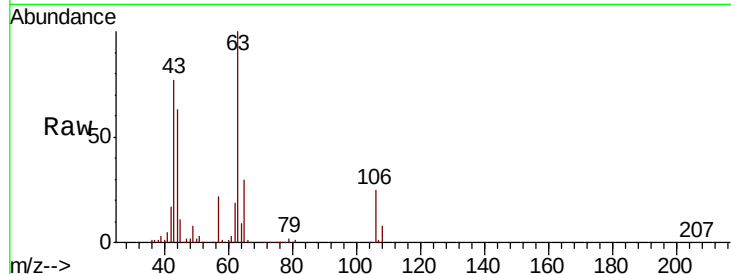




#58
2-Chloroethyl Vinyl ether
Concen: 99.840 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

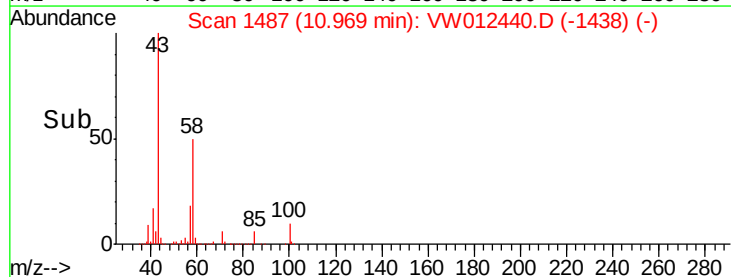
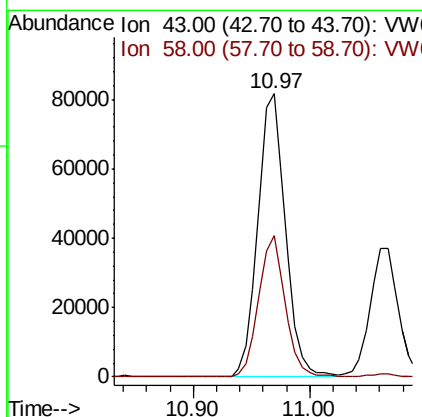
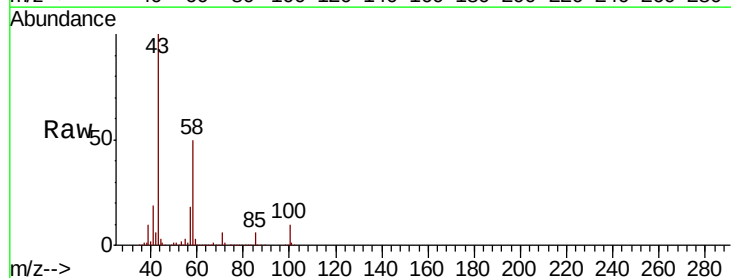
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

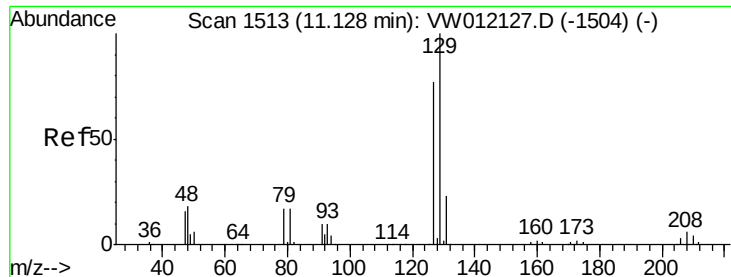
Tgt Ion: 63 Resp: 120779
Ion Ratio Lower Upper
63 100
106 25.1 19.8 29.8



#59
2-Hexanone
Concen: 106.032 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 43 Resp: 135601
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9

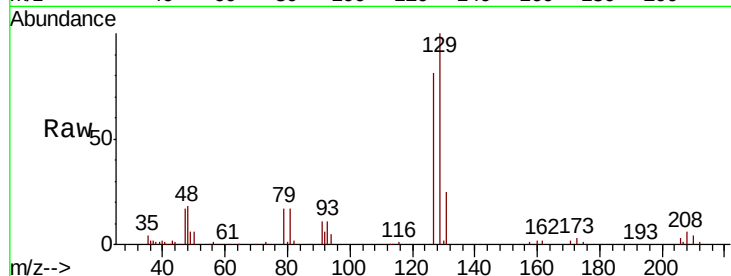




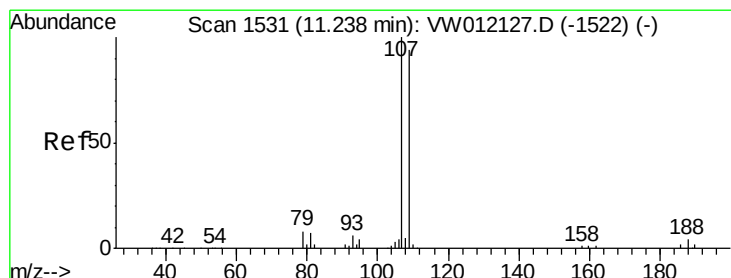
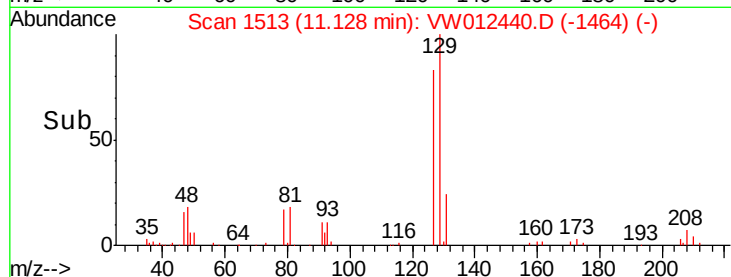
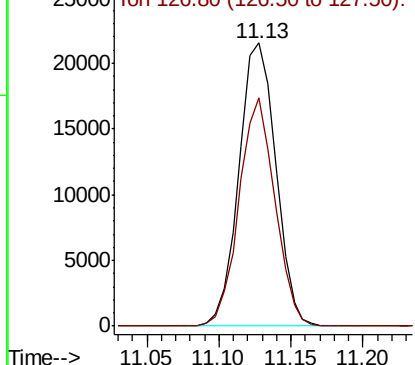
#60
 Dibromochloromethane
 Concen: 21.295 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tgt Ion:129 Resp: 38414
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.6 115.8

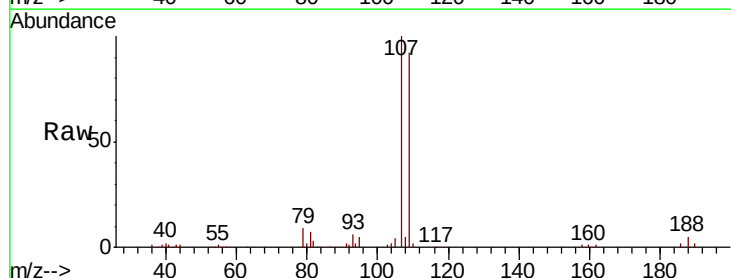


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

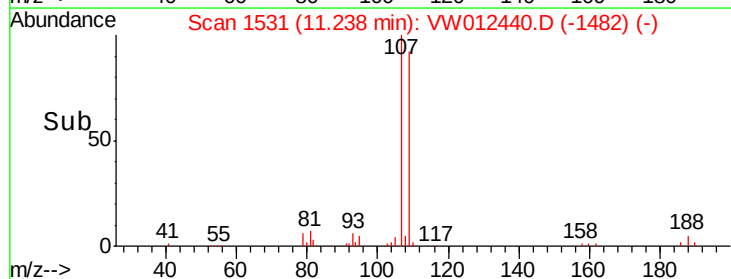
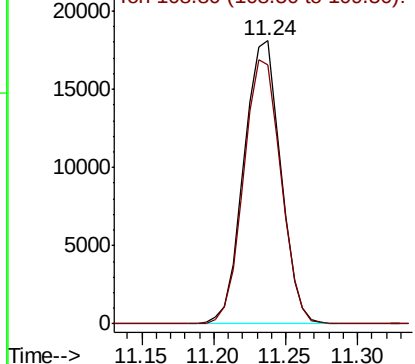


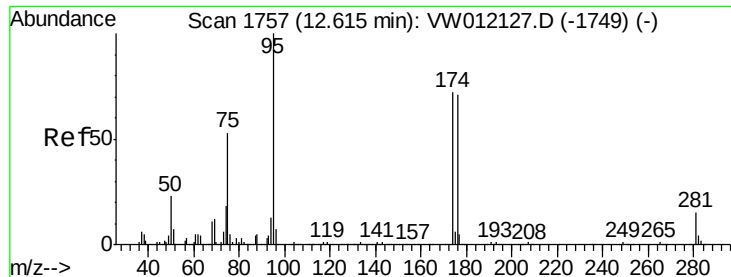
#61
 1,2-Dibromoethane
 Concen: 21.252 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion:107 Resp: 32065
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

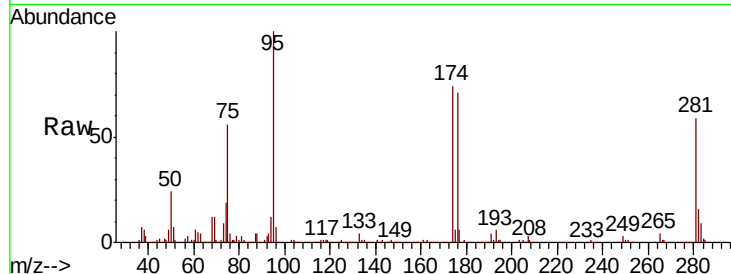




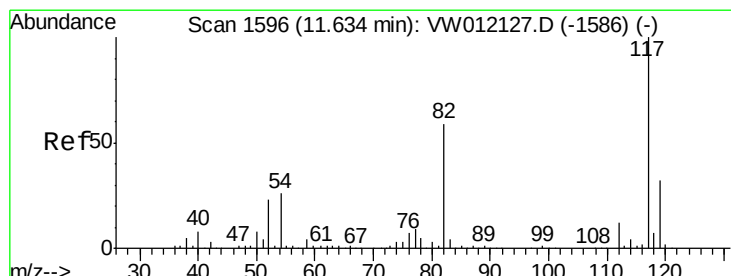
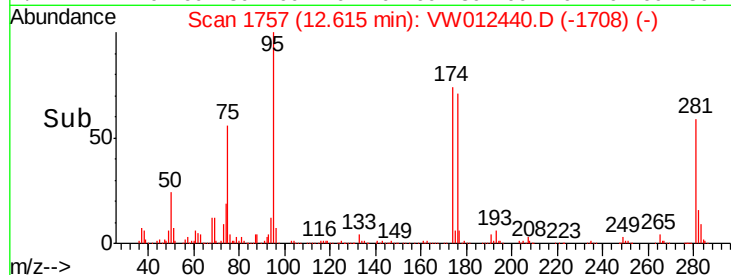
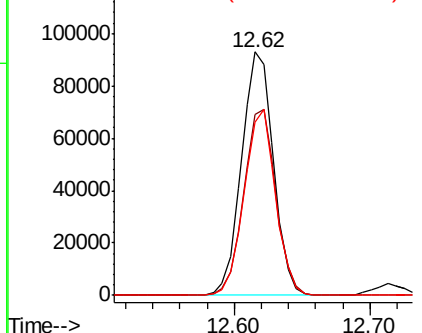
#62
4-Bromofluorobenzene
Concen: 52.564 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tgt Ion: 95 Resp: 151921
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.8
176 75.0 0.0 148.6

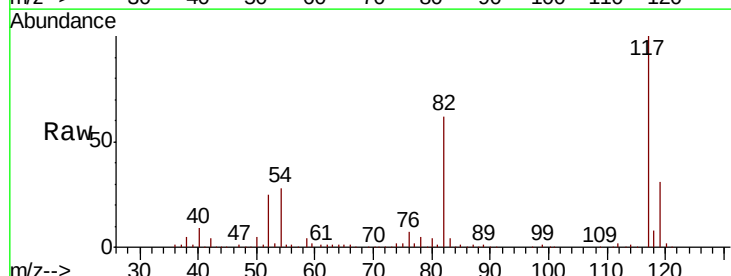


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

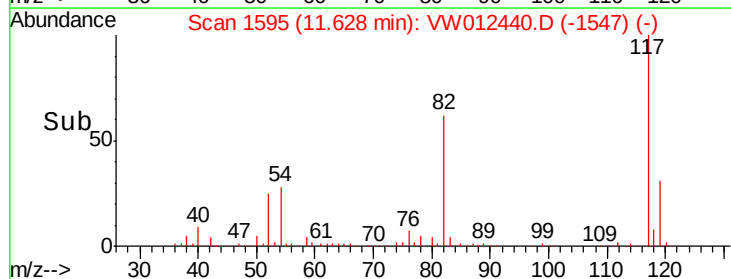
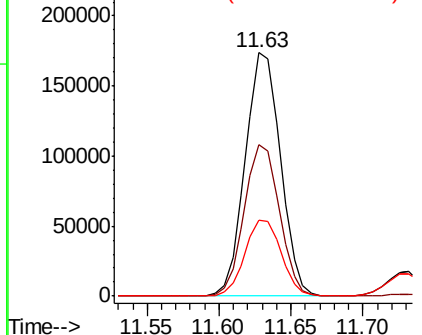


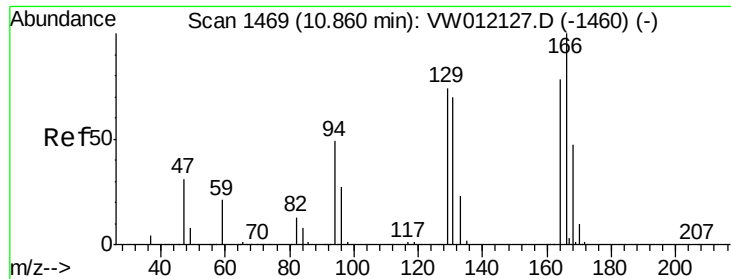
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 117 Resp: 294611
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.4 25.4 38.2



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





#64

Tetrachloroethene

Concen: 21.830 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tgt Ion:164 Resp: 41697

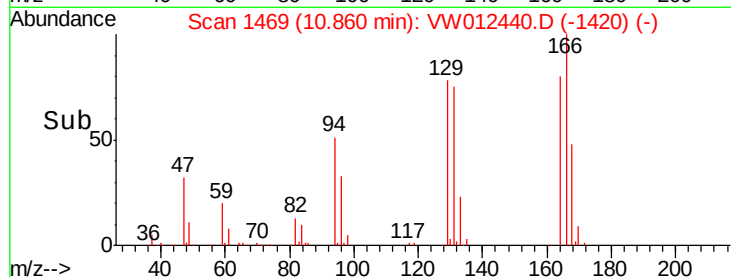
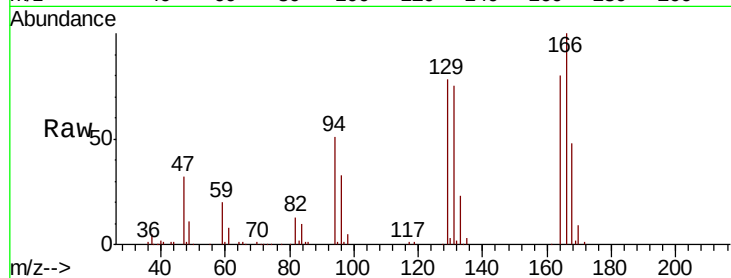
Ion Ratio Lower Upper

164 100

166 124.3 102.4 153.6

129 96.9 75.8 113.6

131 93.5 71.4 107.2

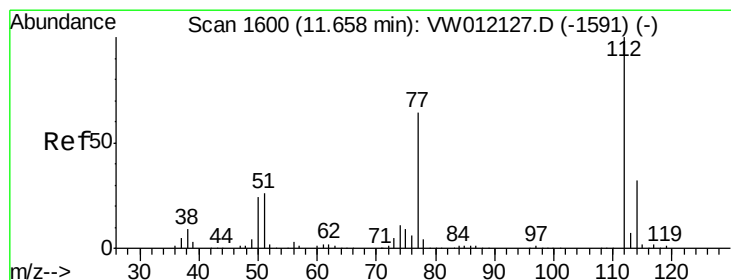
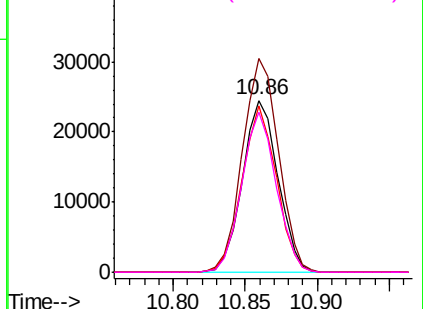


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 21.949 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012440.D

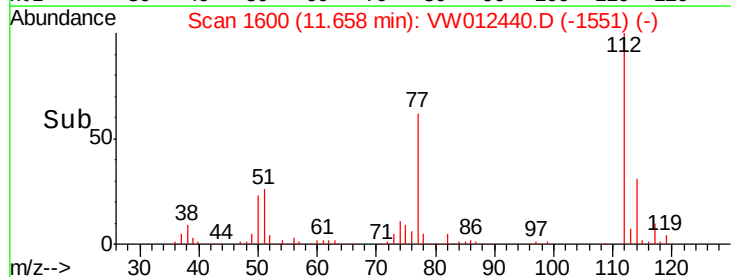
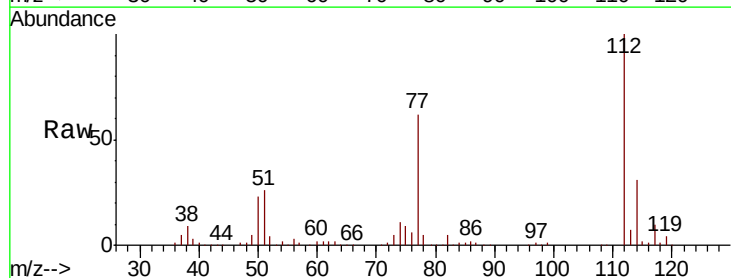
Acq: 01 Sep 2019 11:47

Tgt Ion:112 Resp: 127331

Ion Ratio Lower Upper

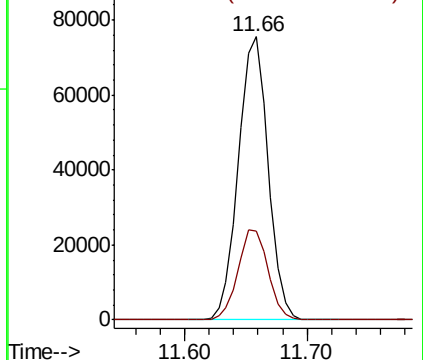
112 100

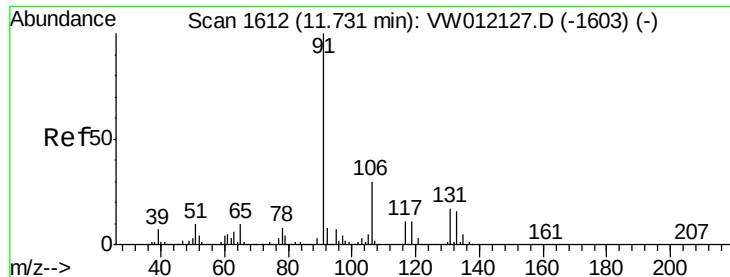
114 31.4 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

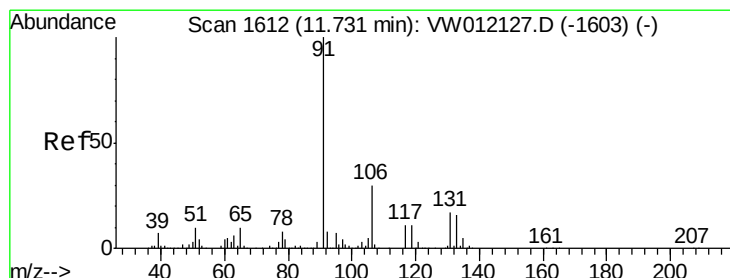
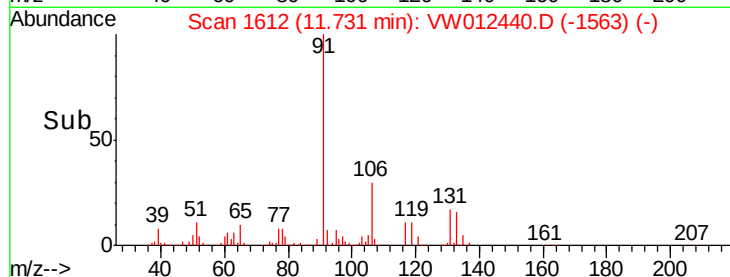
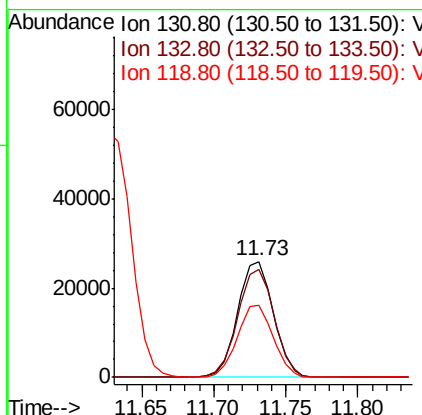
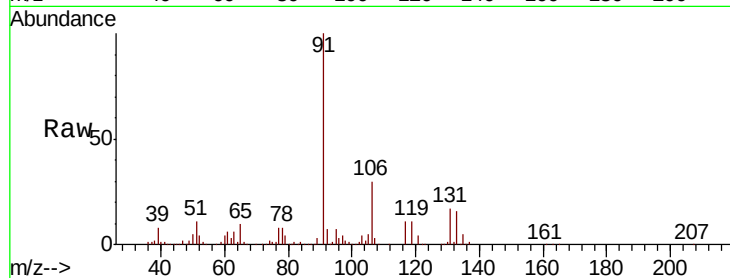




#66
 1,1,1,2-Tetrachloroethane
 Concen: 22.171 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

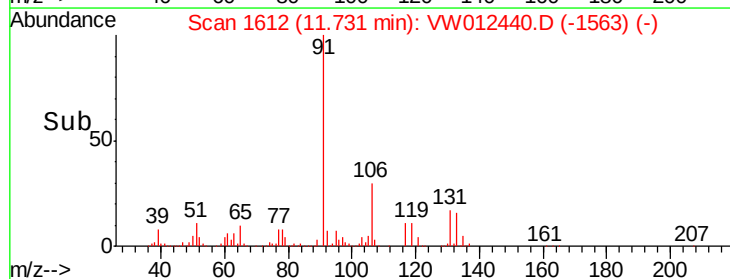
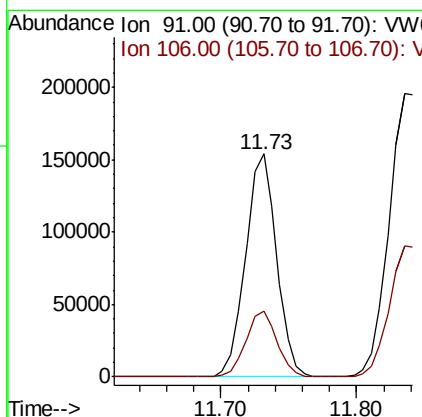
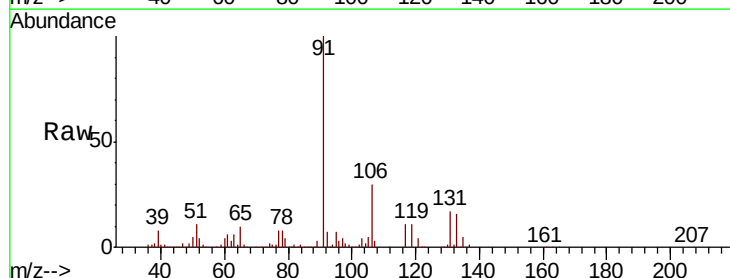
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

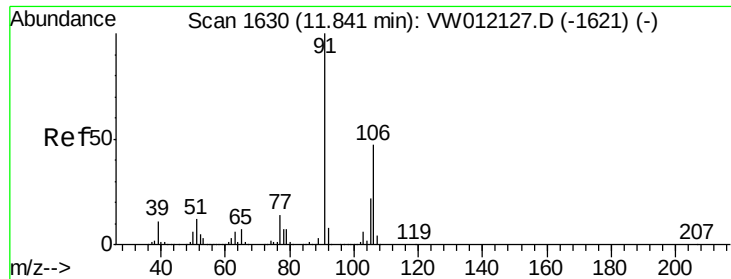
Tgt Ion: 131 Resp: 44869
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.1 141.3
 119 62.9 31.8 95.3



#67
 Ethyl Benzene
 Concen: 22.006 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 91 Resp: 245920
 Ion Ratio Lower Upper
 91 100
 106 29.6 24.3 36.5

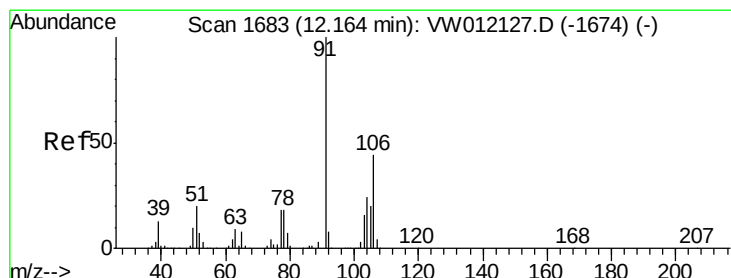
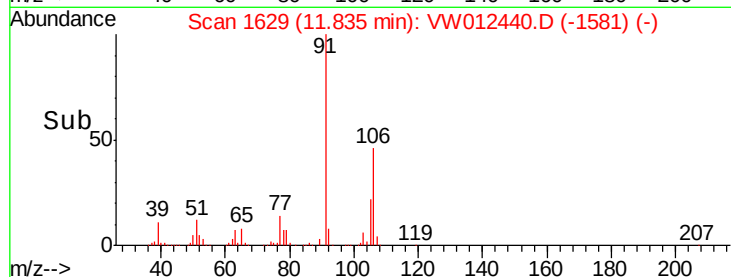
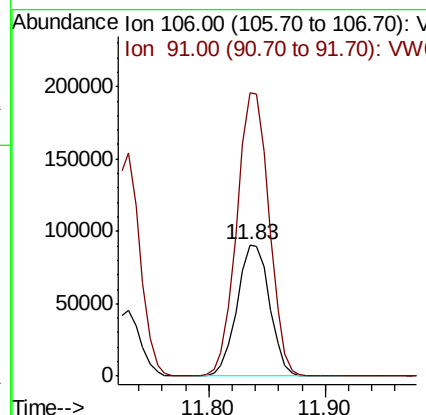
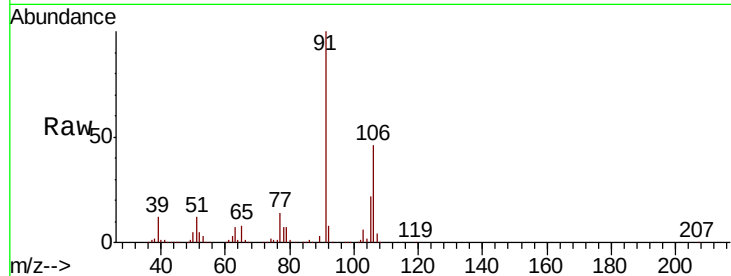




#68
m/p-Xylenes
Concen: 44.001 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

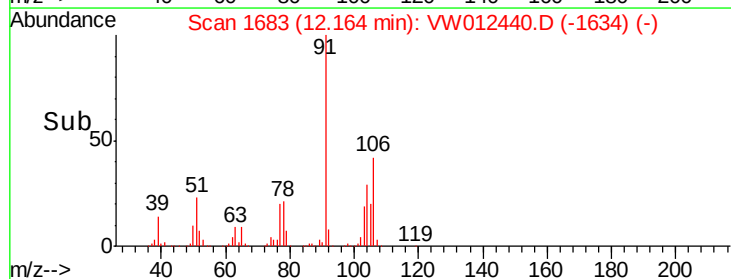
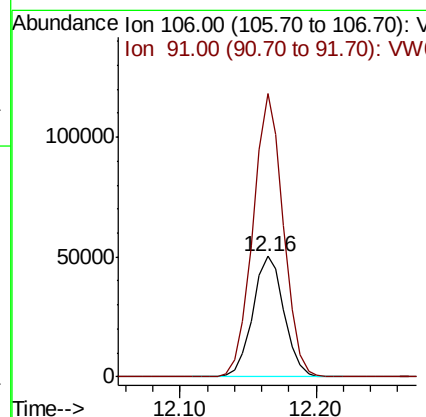
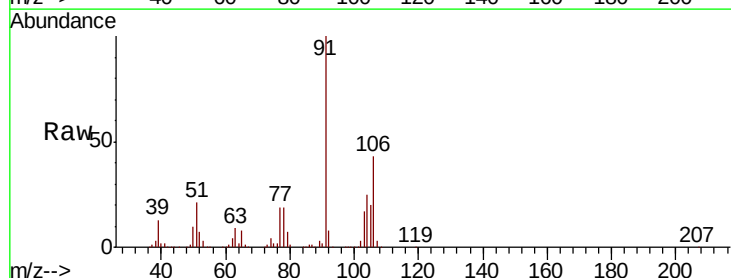
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

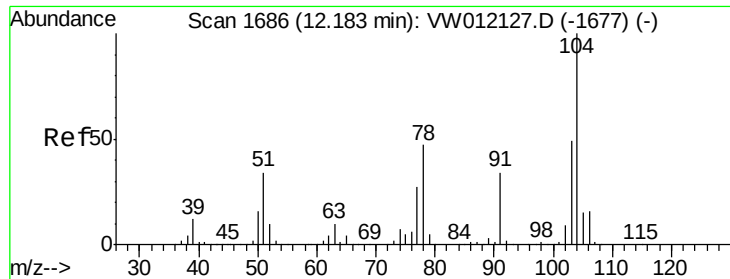
Tgt Ion:106 Resp: 177119
Ion Ratio Lower Upper
106 100
91 214.0 169.5 254.3



#69
o-Xylene
Concen: 21.701 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion:106 Resp: 80847
Ion Ratio Lower Upper
106 100
91 228.3 111.6 334.6





#70

Styrene

Concen: 22.242 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

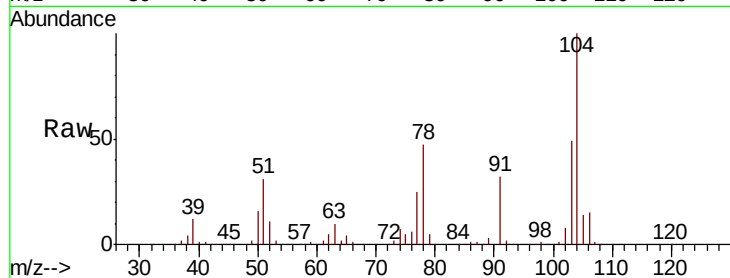
Tgt Ion:104 Resp: 143429

Ion Ratio Lower Upper

104 100

78 54.5 43.1 64.7

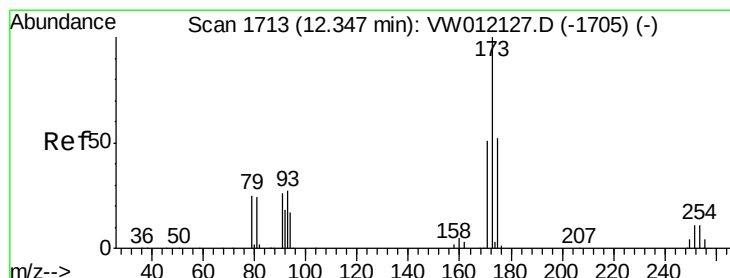
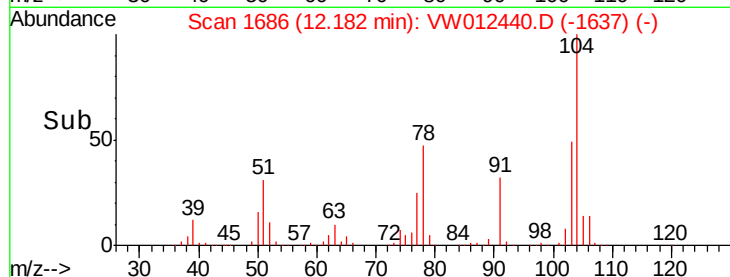
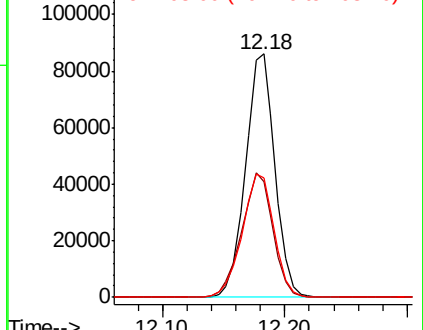
103 54.7 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 21.197 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

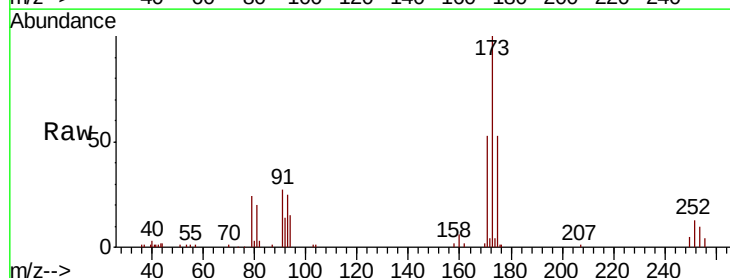
Tgt Ion:173 Resp: 21373

Ion Ratio Lower Upper

173 100

175 50.6 24.6 74.0

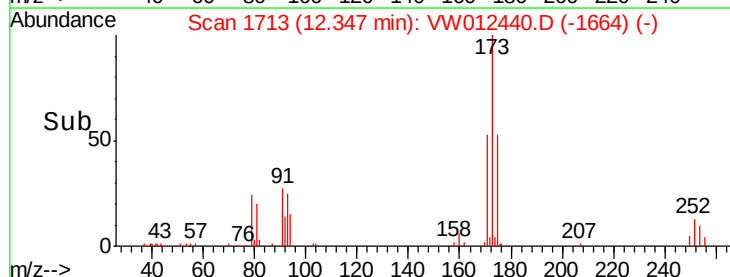
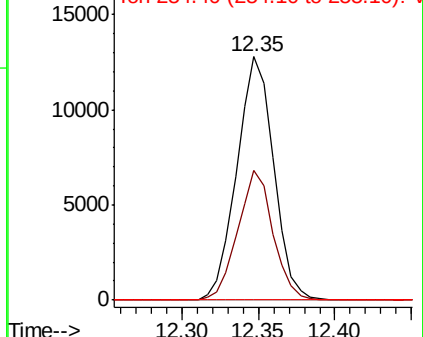
254 0.0 0.2 0.2#

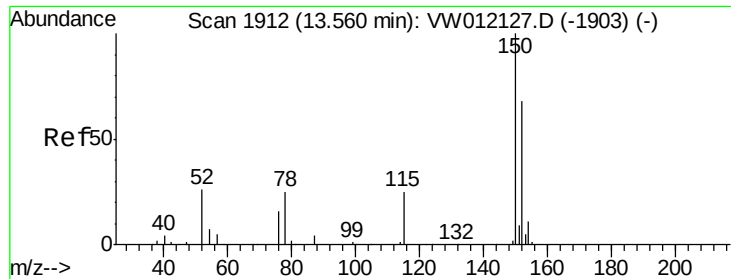


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



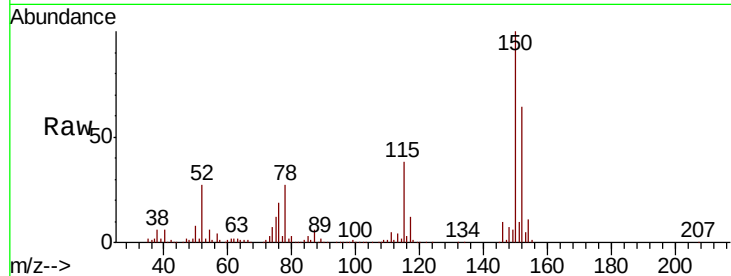


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.3
150	160.0	0.0	345.8

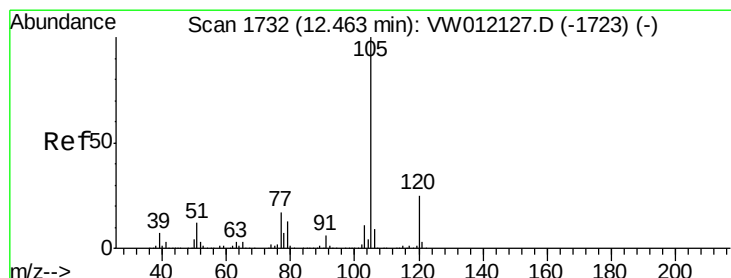
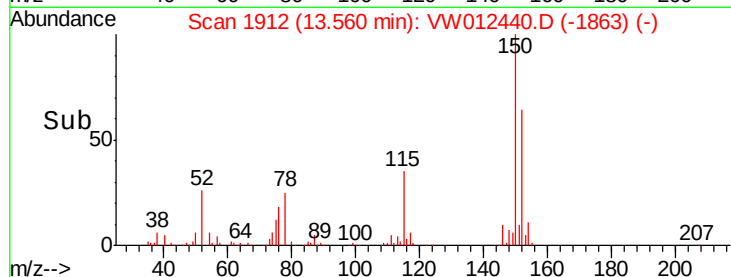
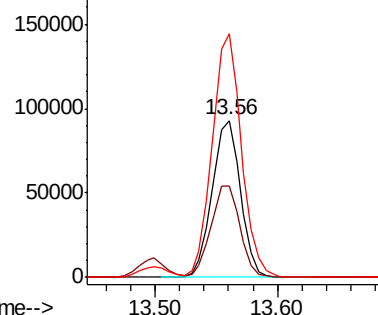


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

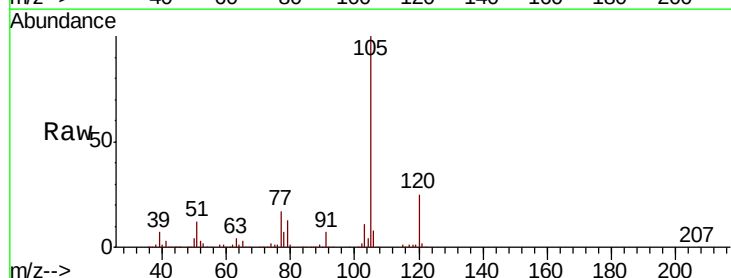
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 21.264 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

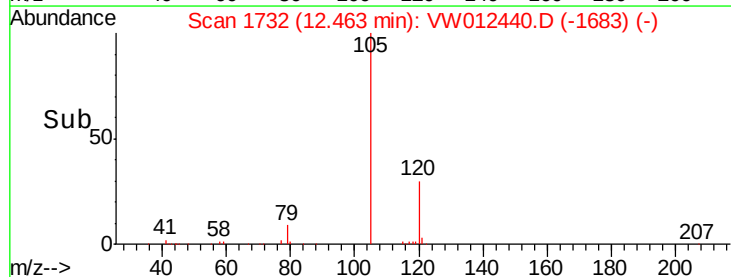
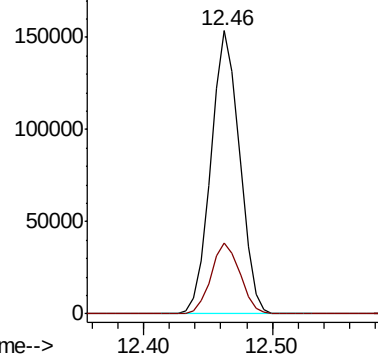
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.5	37.5

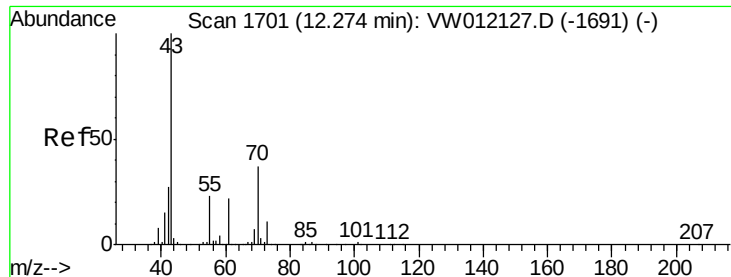


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 19.728 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tgt Ion: 43 Resp: 66384

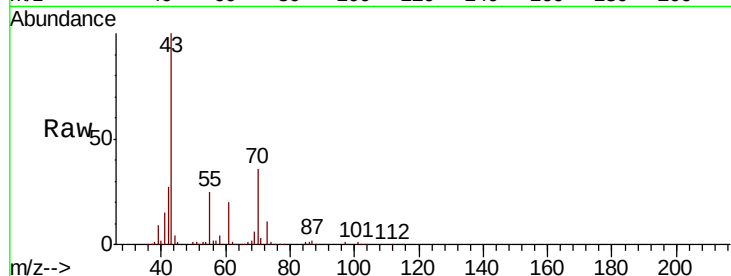
Ion Ratio Lower Upper

43 100

70 36.1 28.6 43.0

55 24.4 17.8 26.6

61 21.5 17.3 25.9

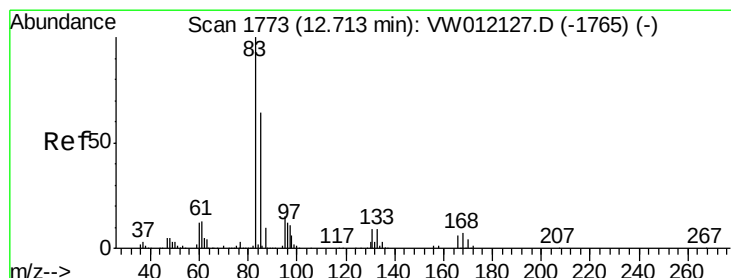
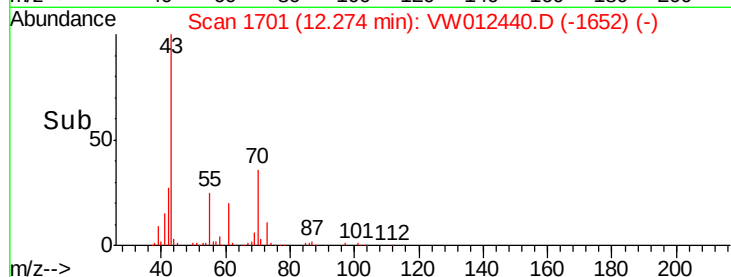
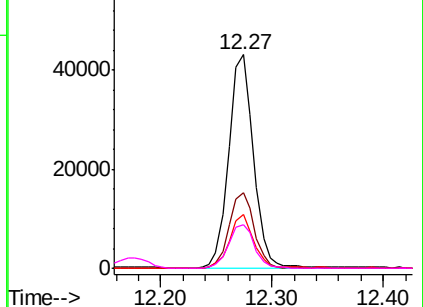


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.894 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

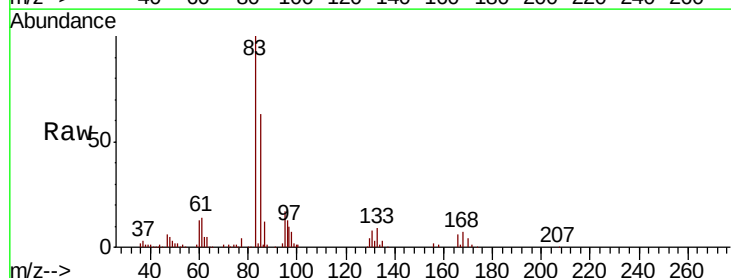
Tgt Ion: 83 Resp: 40622

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

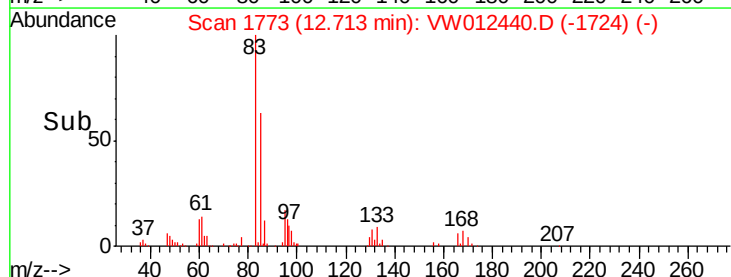
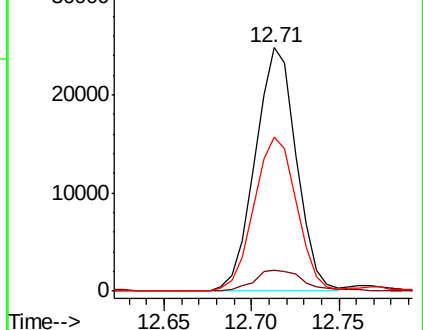
85 65.1 31.9 95.7

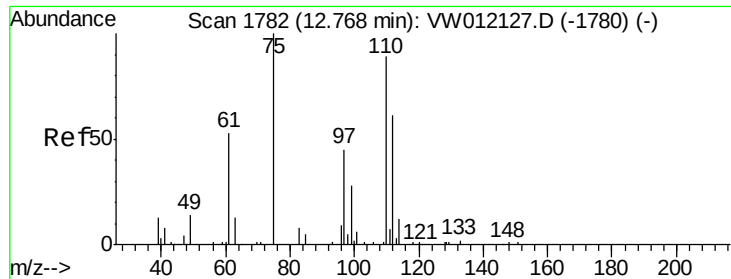


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

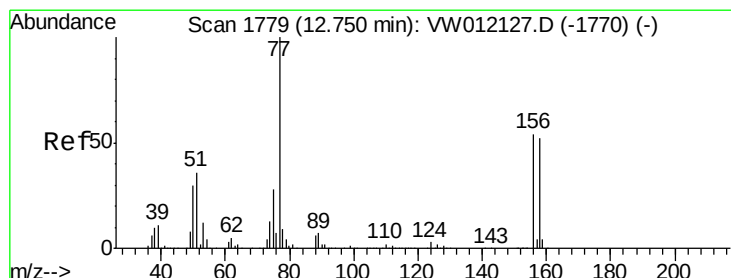
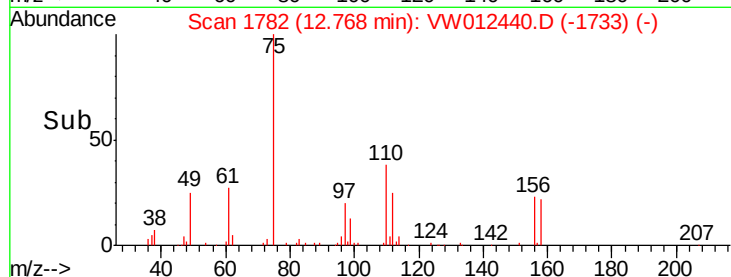
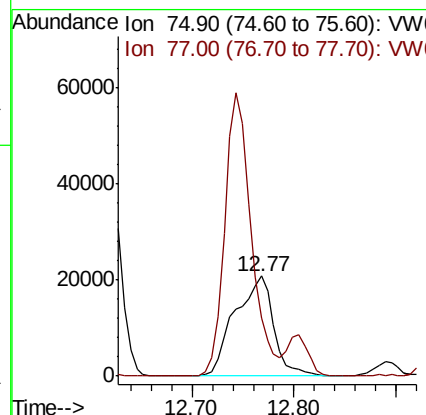
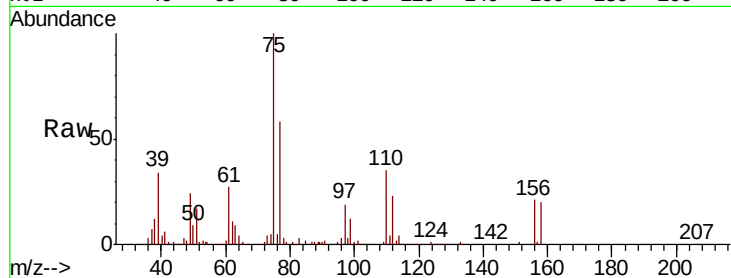




#76
 1,2,3-Trichloropropane
 Concen: 38.130 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

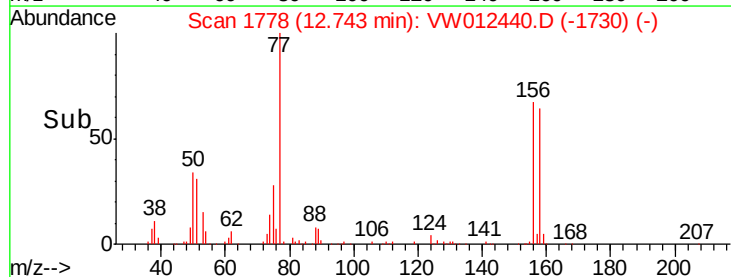
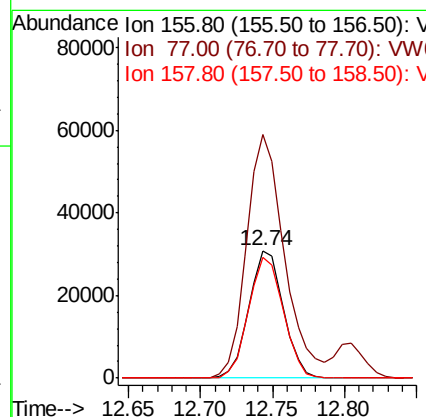
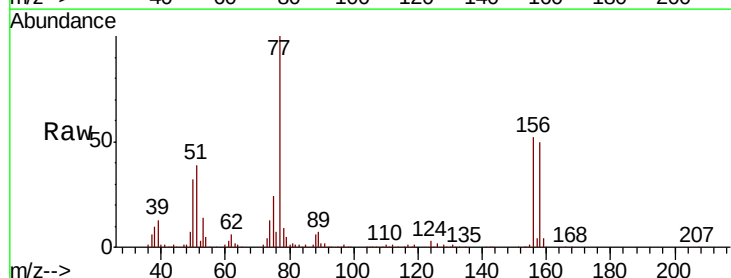
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

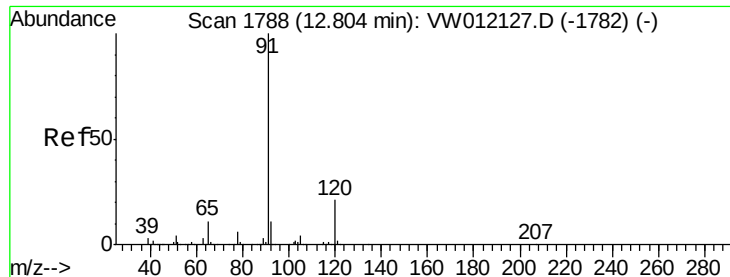
Tgt Ion: 75 Resp: 55199
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 21.166 ug/l
 RT: 12.74 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 156 Resp: 50999
 Ion Ratio Lower Upper
 156 100
 77 210.4 107.3 321.8
 158 96.1 49.0 147.0





#78

n-propylbenzene

Concen: 21.185 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

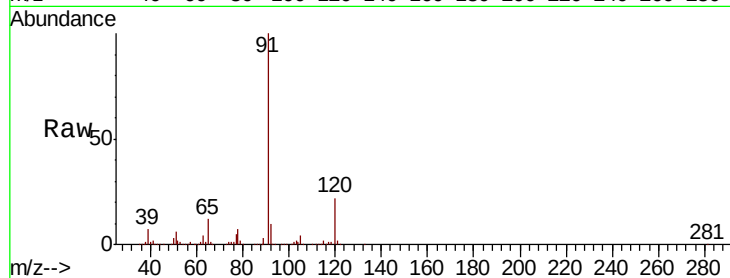
VW0901SBS01

Tgt Ion: 91 Resp: 288056

Ion Ratio Lower Upper

91 100

120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

200000

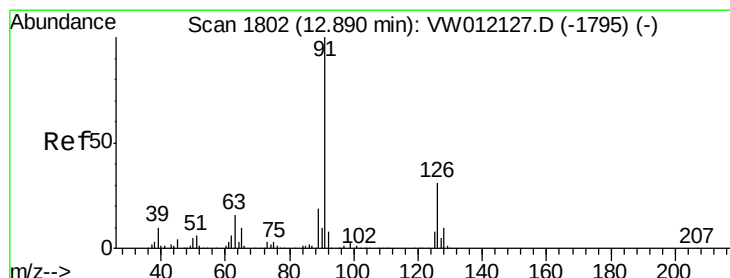
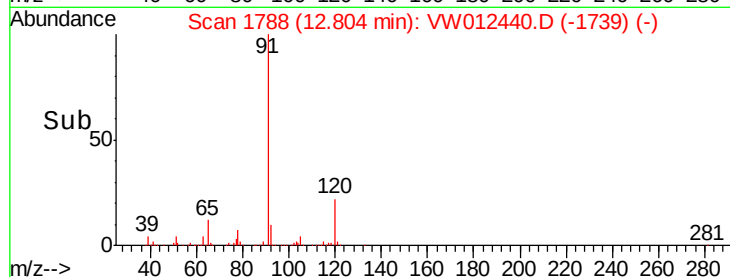
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 21.282 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012440.D

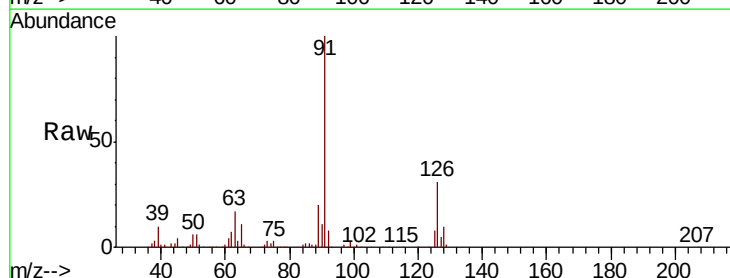
Acq: 01 Sep 2019 11:47

Tgt Ion: 91 Resp: 164285

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.89

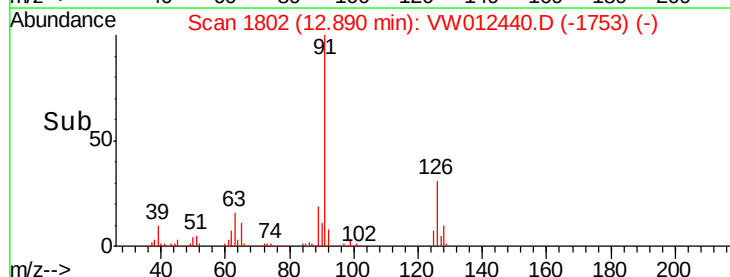
150000

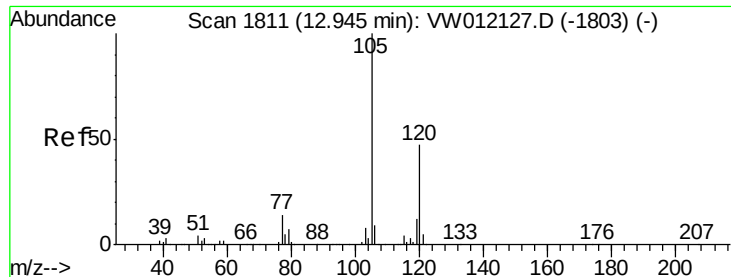
100000

50000

0

Time-->

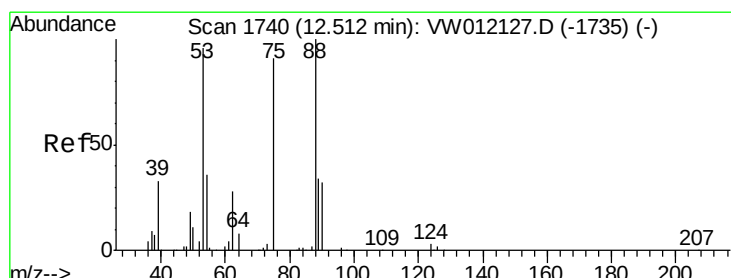
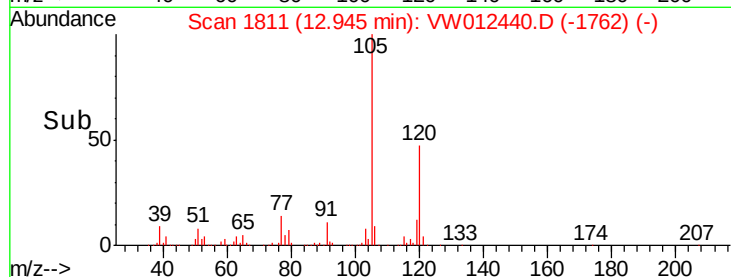
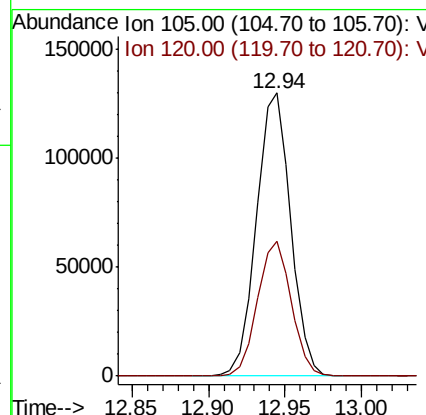
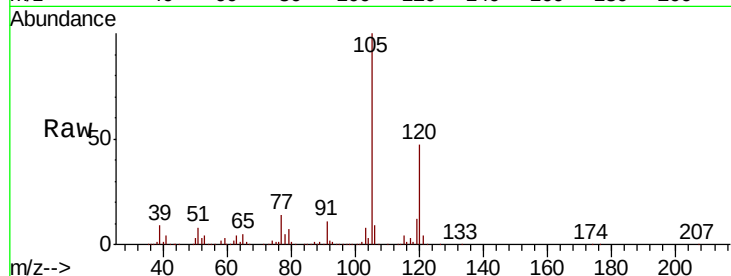




#80
 1,3,5-Trimethylbenzene
 Concen: 21.644 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

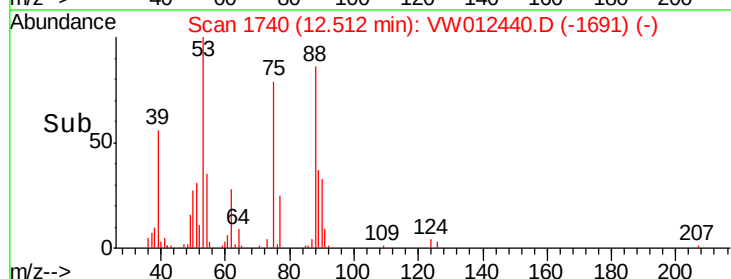
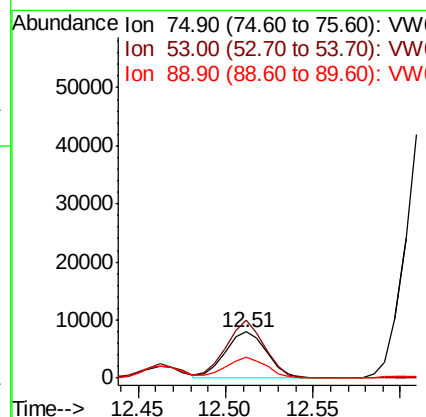
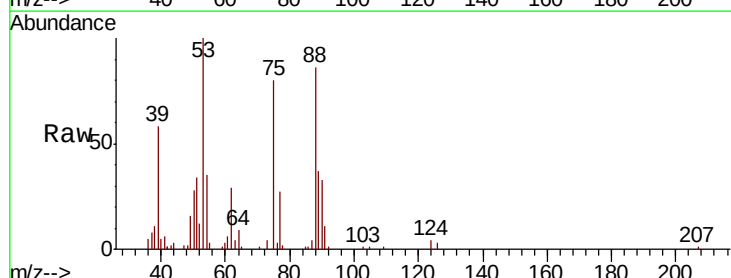
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

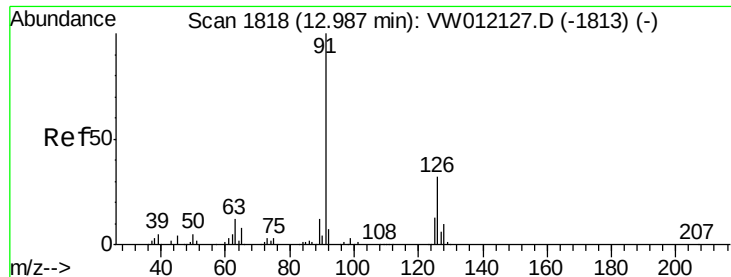
Tgt Ion: 105 Resp: 201433
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.921 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 75 Resp: 13153
 Ion Ratio Lower Upper
 75 100
 53 114.0 89.4 134.0
 89 43.0 34.5 51.7

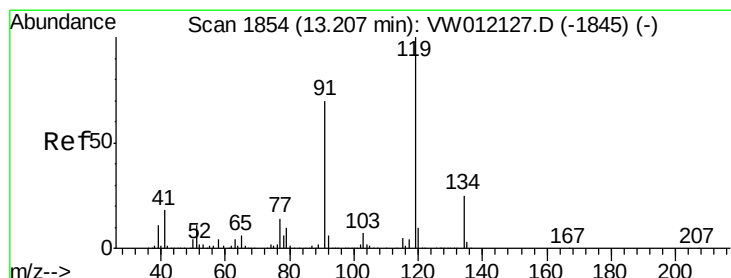
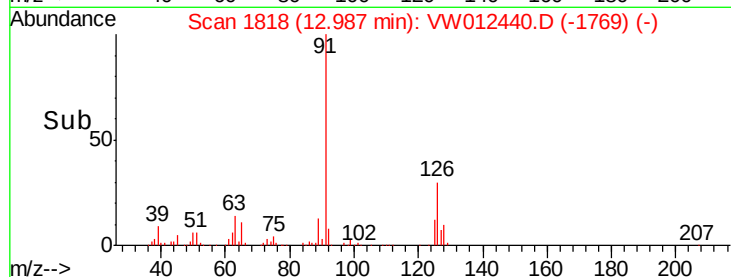
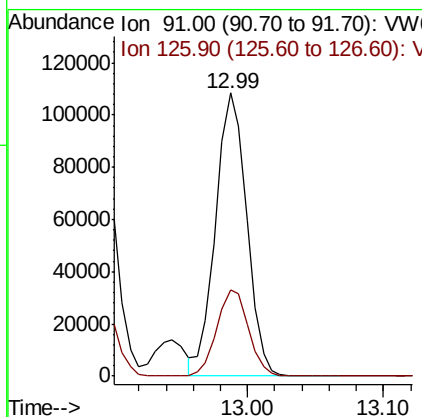
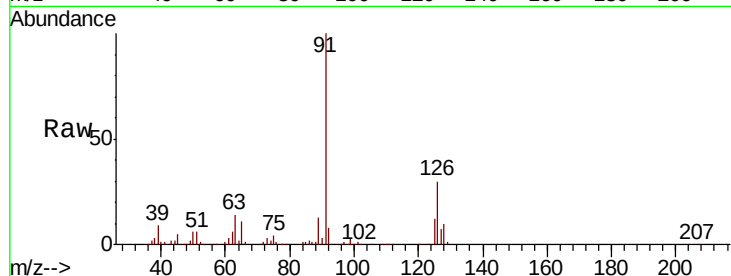




#82
4-Chlorotoluene
Concen: 21.257 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

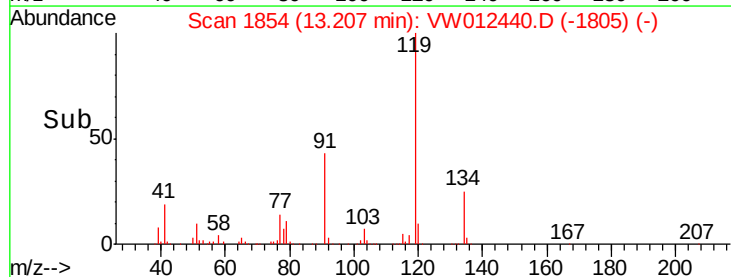
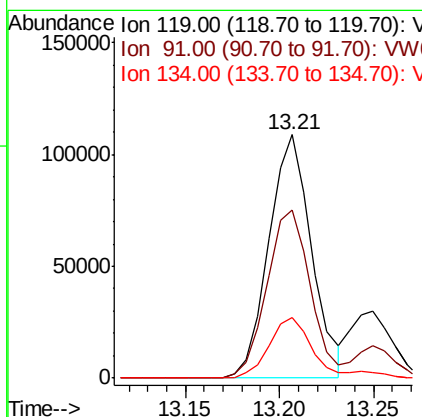
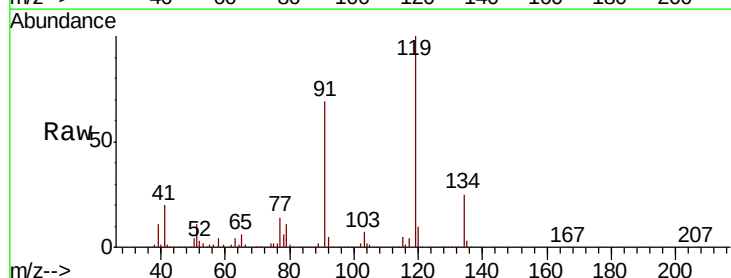
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

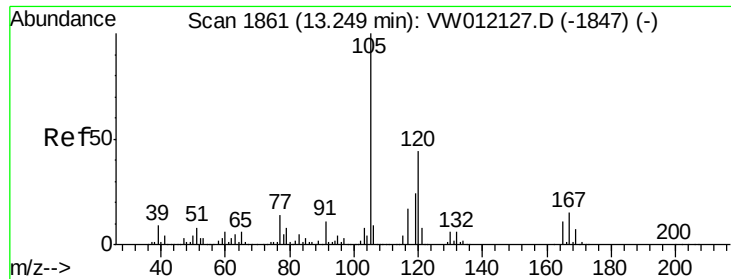
Tgt Ion: 91 Resp: 171818
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8



#83
tert-Butylbenzene
Concen: 21.712 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion: 119 Resp: 171170
Ion Ratio Lower Upper
119 100
91 70.1 34.8 104.3
134 24.7 13.3 39.8

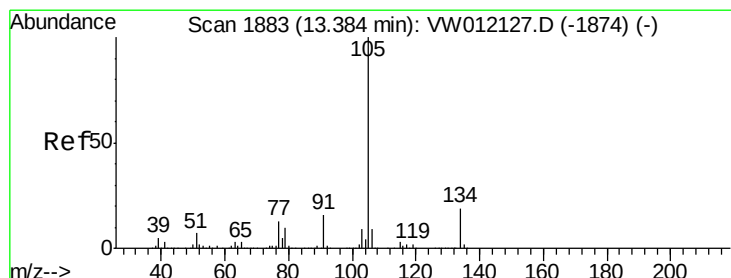
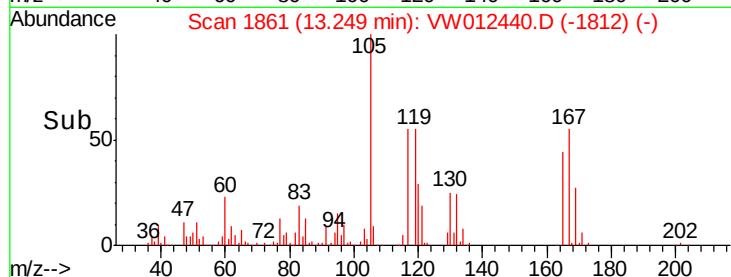
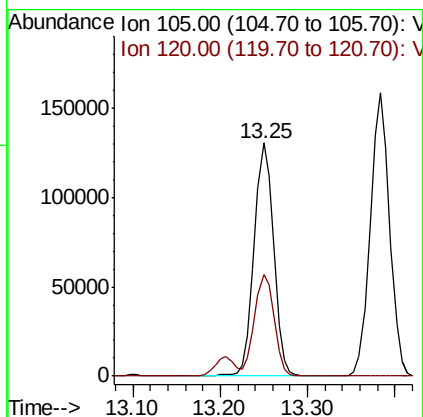
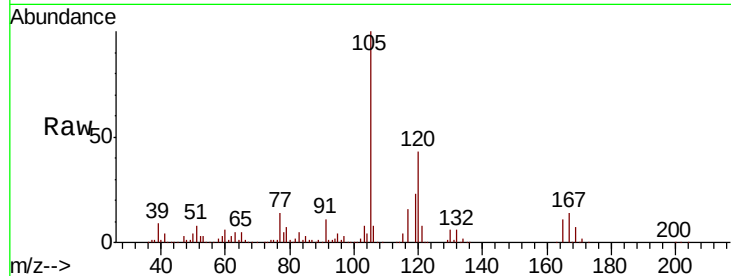




#84
 1,2,4-Trimethylbenzene
 Concen: 21.572 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

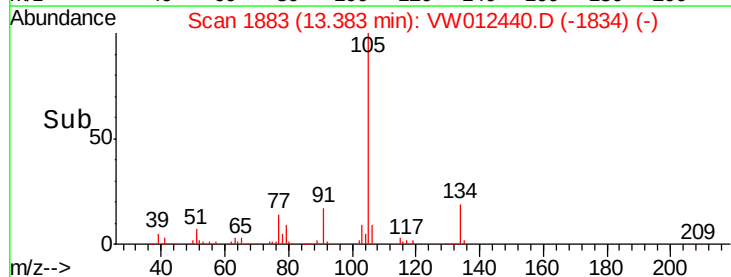
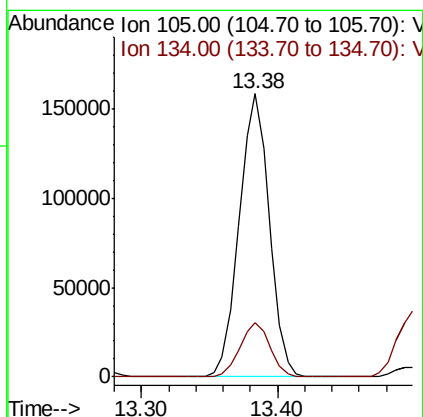
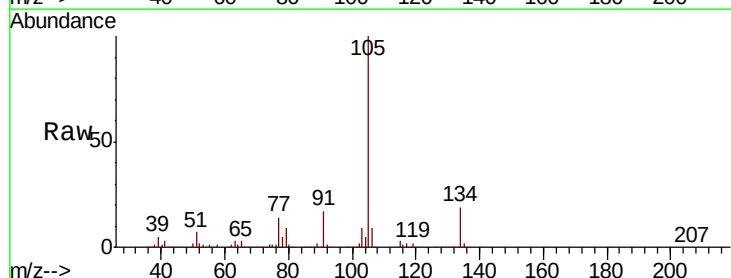
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

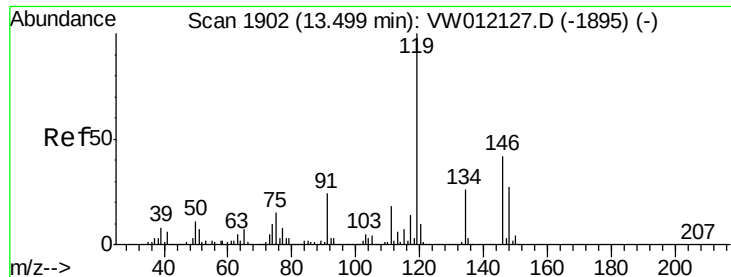
Tgt Ion:105 Resp: 201668
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 21.685 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion:105 Resp: 244919
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

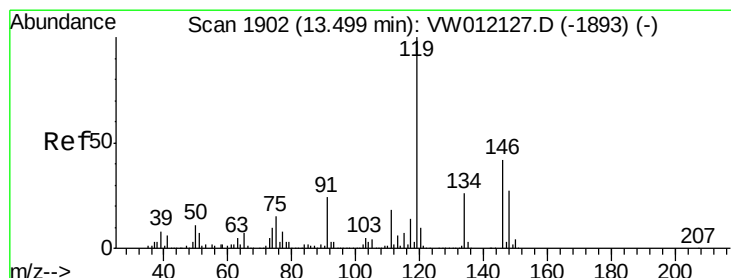
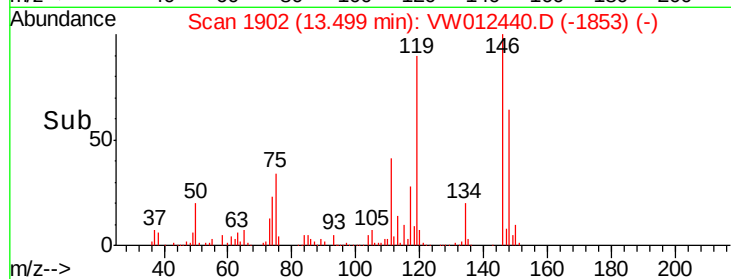
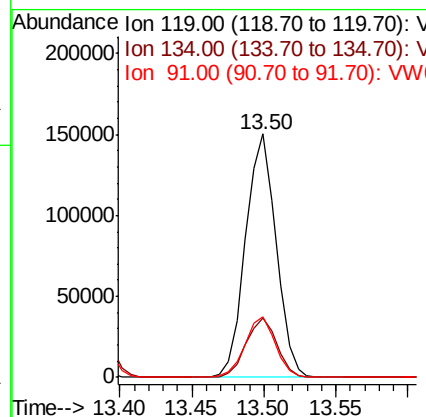
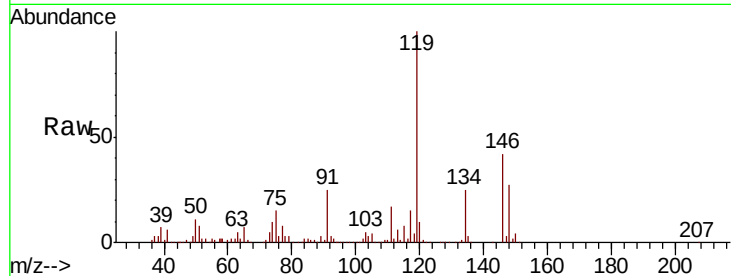




#86
p-Isopropyltoluene
Concen: 21.846 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

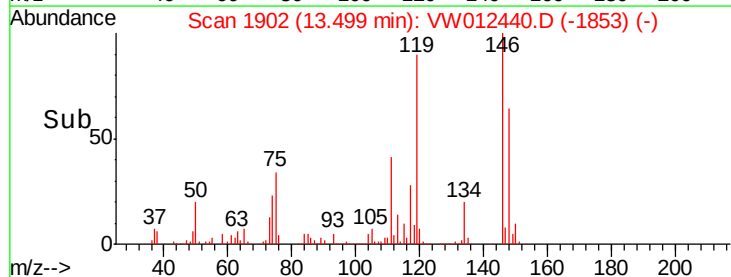
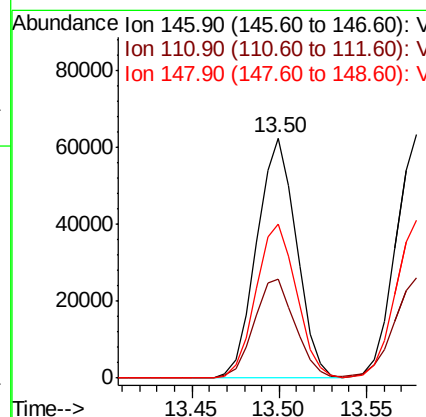
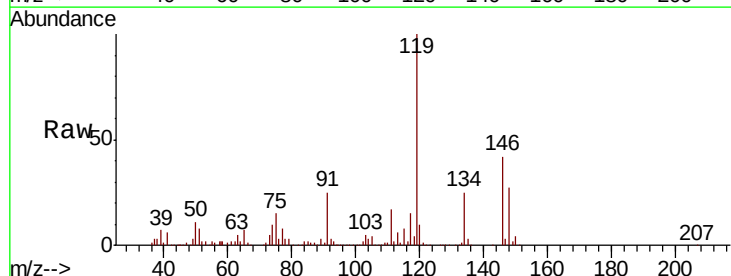
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

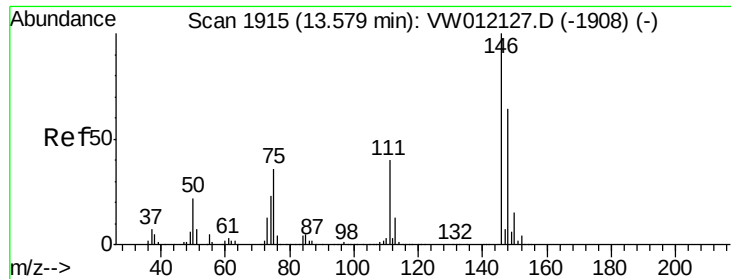
Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.8	38.3
91	24.6	12.3	36.9



#87
1,3-Dichlorobenzene
Concen: 20.957 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012440.D
Acq: 01 Sep 2019 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.9	62.7
148	65.2	32.2	96.6

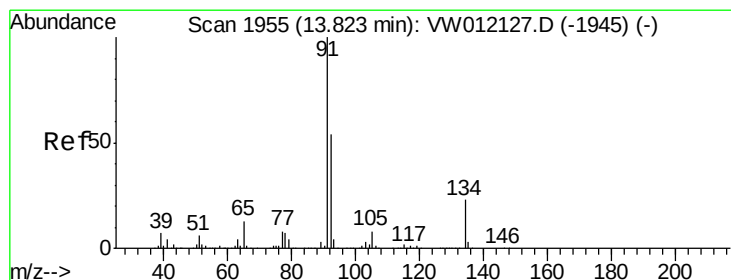
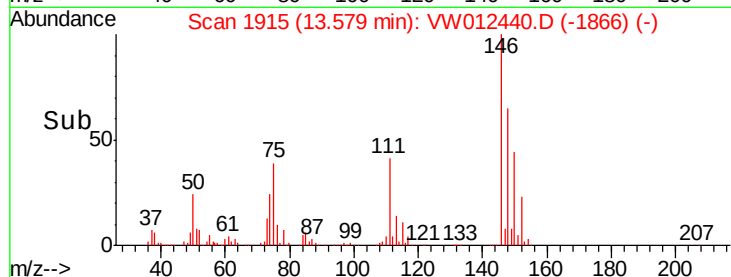
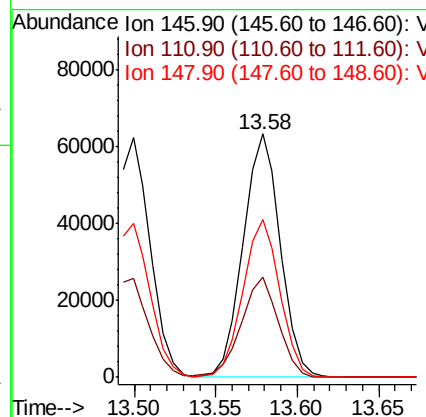
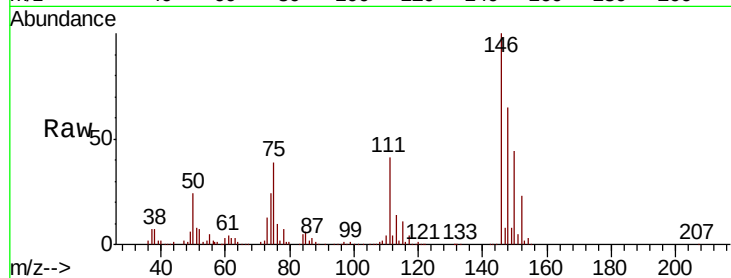




#88
 1,4-Dichlorobenzene
 Concen: 21.436 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

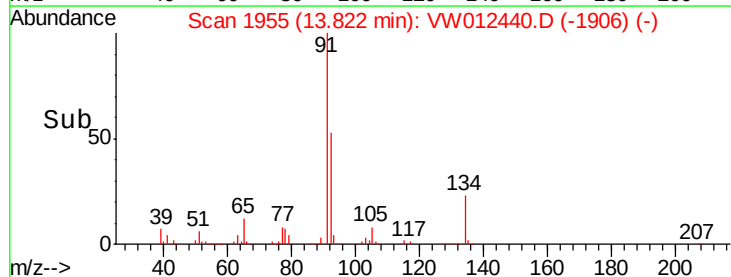
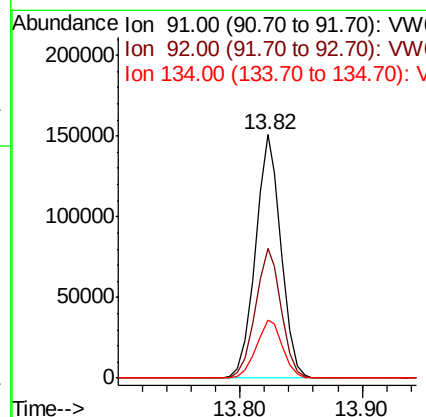
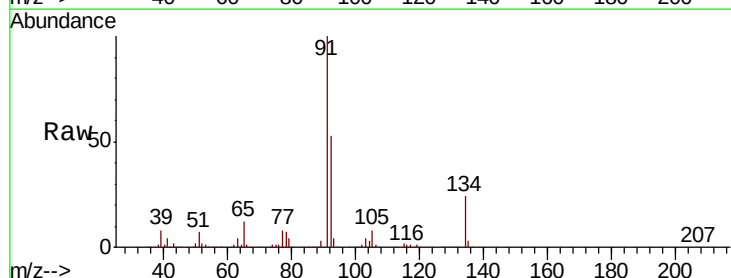
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

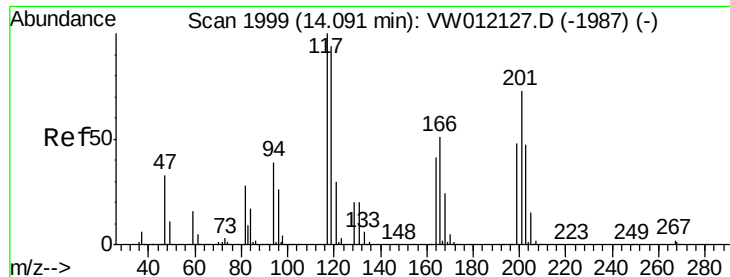
Tgt Ion: 146 Resp: 100314
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.7 32.1 96.3



#89
 n-Butylbenzene
 Concen: 21.837 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Tgt Ion: 91 Resp: 219041
 Ion Ratio Lower Upper
 91 100
 92 53.8 27.1 81.2
 134 24.5 12.2 36.4





#90

Hexachloroethane

Concen: 20.985 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

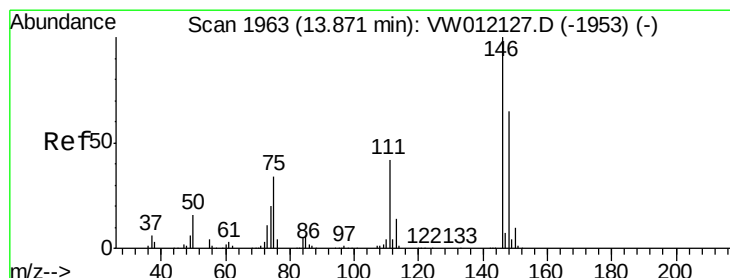
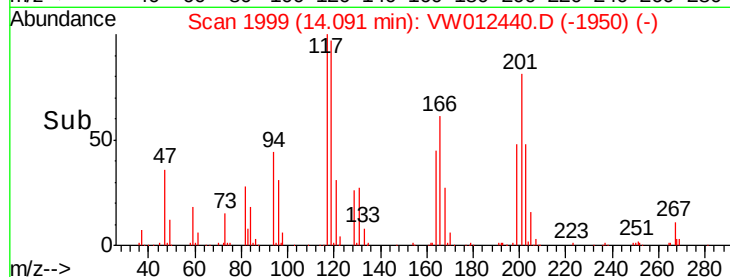
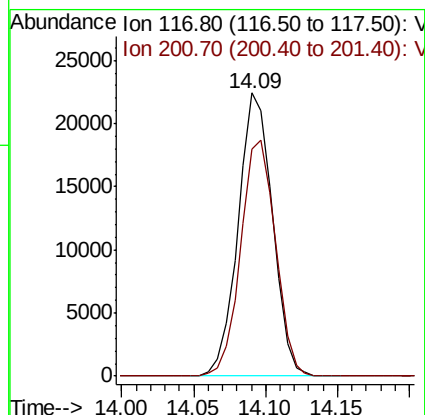
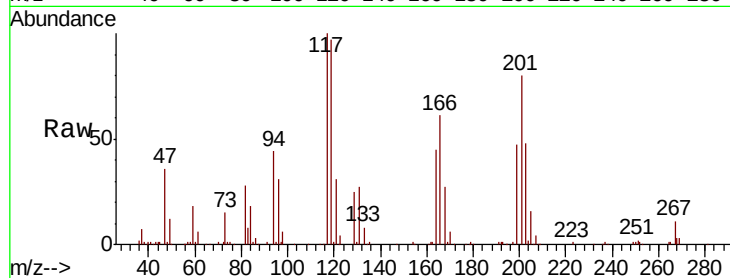
VW0901SBS01

Tgt Ion:117 Resp: 37136

Ion Ratio Lower Upper

117 100

201 84.1 38.6 115.7



#91

1,2-Dichlorobenzene

Concen: 21.674 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

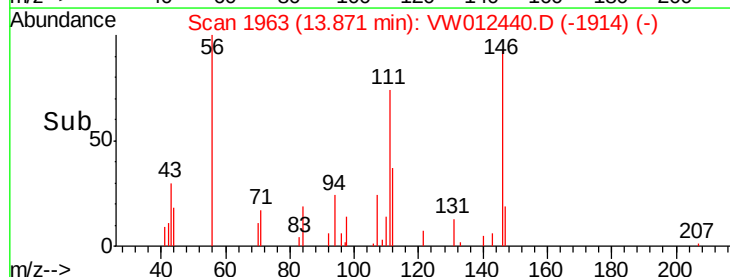
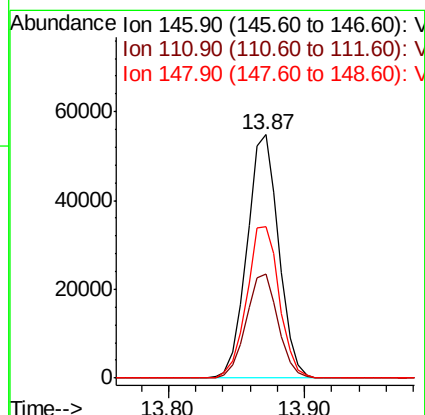
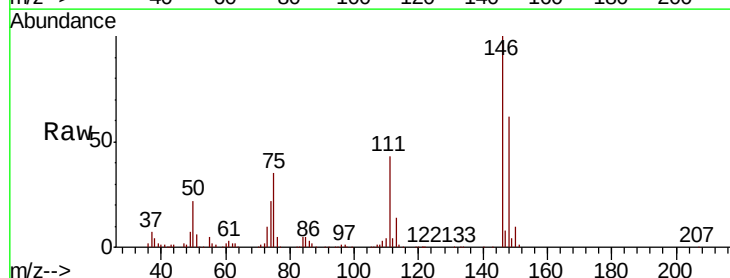
Tgt Ion:146 Resp: 89609

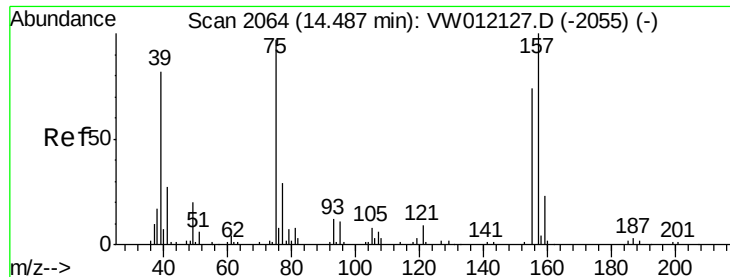
Ion Ratio Lower Upper

146 100

111 42.9 21.2 63.6

148 63.8 32.5 97.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 20.533 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

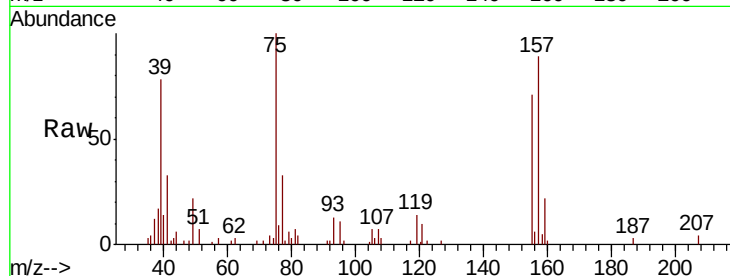
Tgt Ion: 75 Resp: 7068

Ion Ratio Lower Upper

75 100

155 72.2 37.5 112.3

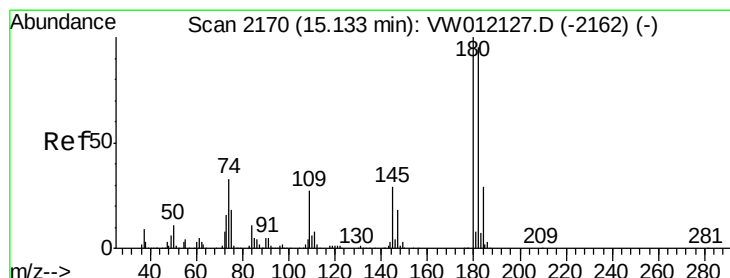
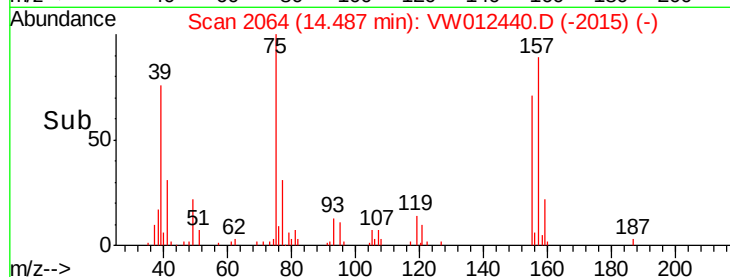
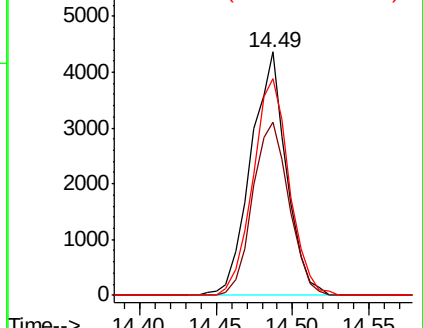
157 91.3 50.5 151.5



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



#93

1,2,4-Trichlorobenzene

Concen: 21.692 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

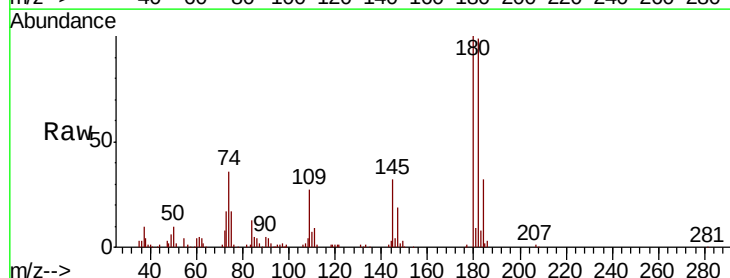
Tgt Ion: 180 Resp: 61978

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

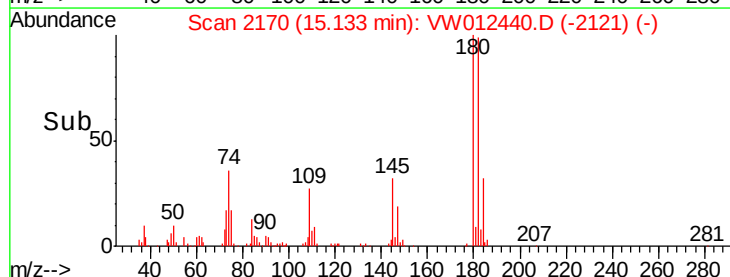
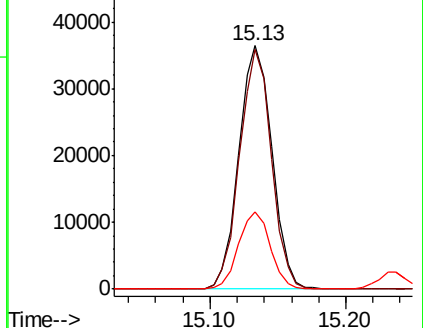
145 30.6 15.0 45.1

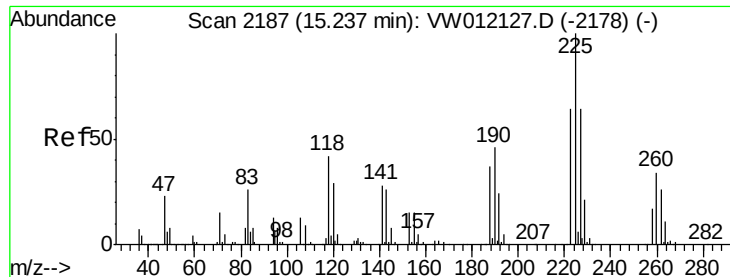


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 23.379 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW012440.D

Acq: 01 Sep 2019 11:47

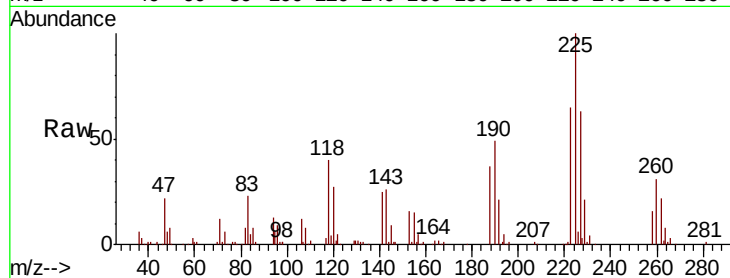
Instrument :

MSVOA_W

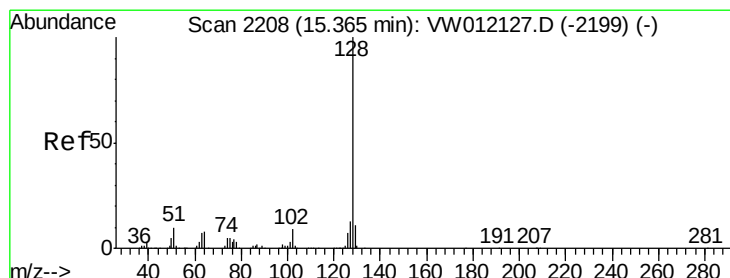
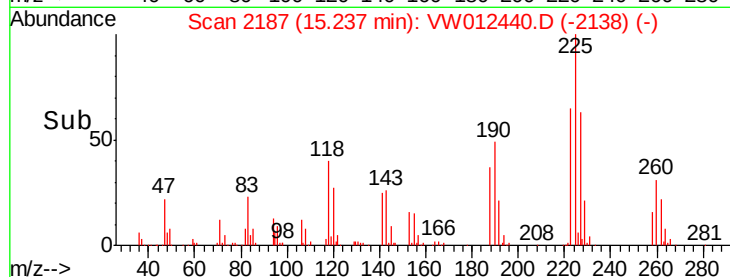
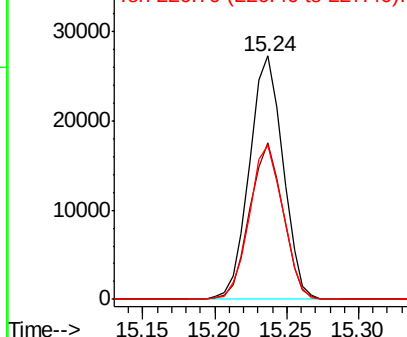
ClientSampleId :

VW0901SBS01

Tgt Ion:	225	Resp:	44107
Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.8
227	63.4	32.9	98.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 20.190 ug/l

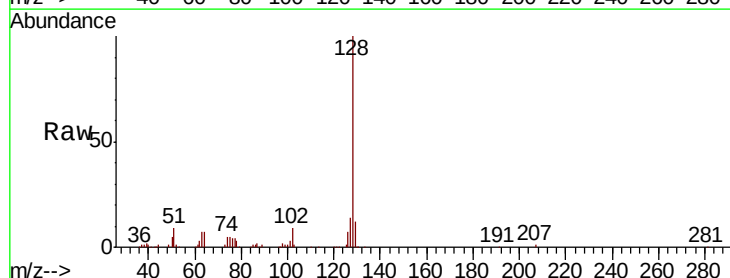
RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

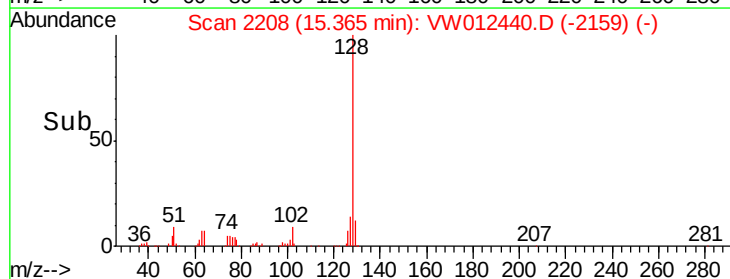
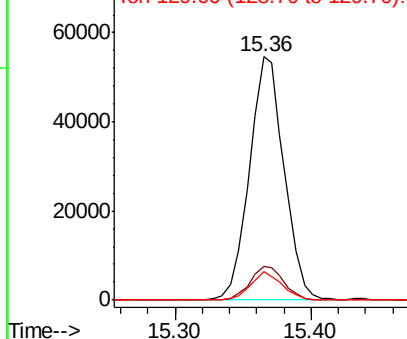
Lab File: VW012440.D

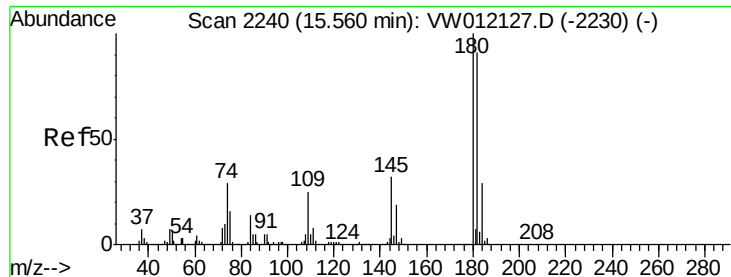
Acq: 01 Sep 2019 11:47

Tgt Ion:	128	Resp:	97389
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 21.466 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW012440.D
 Acq: 01 Sep 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tgt Ion:	180	Resp:	53511
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.3
145	31.7	16.2	48.5

