

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012342.D
 Acq On : 30 Aug 2019 09:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 15:50:00 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	222716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132614	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	111414	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	10.32	98	451186	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	155227	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	81575	59.485	ug/l	99
3) Chloromethane	2.21	50	117501	55.305	ug/l	99
4) Vinyl Chloride	2.36	62	150546	57.893	ug/l	100
5) Bromomethane	2.78	94	75467	57.303	ug/l	97
6) Chloroethane	2.92	64	85377	58.200	ug/l	99
7) Trichlorofluoromethane	3.26	101	86603	66.324	ug/l	96
8) Diethyl Ether	3.68	74	64878	52.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126027	56.781	ug/l	98
10) Methyl Iodide	4.28	142	172329	57.384	ug/l	100
11) Tert butyl alcohol	5.17	59	36823	231.114	ug/l	100
12) 1,1-Dichloroethene	4.04	96	127399	57.029	ug/l	97
13) Acrolein	3.89	56	27962	186.440	ug/l	97
14) Allyl chloride	4.67	41	275941	57.778	ug/l	100
15) Acrylonitrile	5.37	53	158025	257.233	ug/l	100
16) Acetone	4.12	43	176280	260.473	ug/l	98
17) Carbon Disulfide	4.38	76	379400	56.196	ug/l	100
18) Methyl Acetate	4.67	43	82594	49.273	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	199115	55.116	ug/l	99
20) Methylene Chloride	4.92	84	132908	51.948	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	133772	55.841	ug/l	99
22) Diisopropyl ether	6.31	45	490096	55.363	ug/l	99
23) Vinyl Acetate	6.25	43	1484785	272.540	ug/l	99
24) 1,1-Dichloroethane	6.21	63	271269	56.280	ug/l	98
25) 2-Butanone	7.17	43	228047	247.971	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159848	58.591	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143269	55.976	ug/l	99
28) Bromochloromethane	7.51	49	101938	48.523	ug/l	98
29) Tetrahydrofuran	7.52	42	141128	255.782	ug/l	99
30) Chloroform	7.67	83	242843	55.069	ug/l	98
31) Cyclohexane	7.95	56	252020	52.848	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	200377	57.439	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206786	57.099	ug/l	99
37) Ethyl Acetate	7.25	43	100408	50.595	ug/l	99
38) Carbon Tetrachloride	8.07	117	180591	57.613	ug/l	98

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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)
39) Methylcyclohexane	9.34	83	232826	57.226	ug/l	99
40) Benzene	8.32	78	556937	56.319	ug/l	100
41) Methacrylonitrile	7.48	41	61753	52.943	ug/l	98
42) 1,2-Dichloroethane	8.40	62	168346	54.318	ug/l	100
43) Isopropyl Acetate	8.42	43	190515	51.826	ug/l	99
44) Trichloroethene	9.09	130	135706	56.451	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146634	55.096	ug/l	100
46) Dibromomethane	9.46	93	63189	53.363	ug/l	99
47) Bromodichloromethane	9.64	83	173487	55.049	ug/l	97
48) Methyl methacrylate	9.43	41	91831	52.487	ug/l	99
49) 1,4-Dioxane	9.46	88	16874	930.835	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	483545	258.616	ug/l	100
52) Toluene	10.38	92	338372	56.958	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	177133	55.178	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	216496	55.854	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89106	53.185	ug/l	99
56) Ethyl methacrylate	10.65	69	131308	53.850	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171789	54.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	345641	276.195	ug/l	100
59) 2-Hexanone	10.97	43	342711	259.048	ug/l	100
60) Dibromochloromethane	11.13	129	103815	55.632	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83383	53.422	ug/l	99
64) Tetrachloroethene	10.86	164	111170	58.236	ug/l	99
65) Chlorobenzene	11.66	112	331766	57.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116082	57.391	ug/l	98
67) Ethyl Benzene	11.73	91	657799	58.897	ug/l	98
68) m/p-Xylenes	11.84	106	474217	117.875	ug/l	99
69) o-Xylene	12.16	106	217439	58.397	ug/l	100
70) Styrene	12.18	104	374358	58.085	ug/l	99
71) Bromoform	12.35	173	55525	55.099	ug/l	98
73) Isopropylbenzene	12.46	105	622505	59.389	ug/l	99
74) N-amyl acetate	12.27	43	171569	54.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102538	53.360	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	138471	101.638	ug/l #	100
77) Bromobenzene	12.74	156	130165	57.401	ug/l	97
78) n-propylbenzene	12.80	91	757949	59.232	ug/l	99
79) 2-Chlorotoluene	12.89	91	423002	58.225	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	519246	59.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34489	55.504	ug/l	99
82) 4-Chlorotoluene	12.99	91	443520	58.305	ug/l	99
83) tert-Butylbenzene	13.21	119	443081	59.720	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	512958	58.302	ug/l	99
85) sec-Butylbenzene	13.38	105	634292	59.673	ug/l	100
86) p-Isopropyltoluene	13.50	119	570667	60.116	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254664	57.416	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249274	56.601	ug/l	100
89) n-Butylbenzene	13.82	91	571504	60.541	ug/l	100
90) Hexachloroethane	14.09	117	97703	58.664	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	220937	56.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17247	53.239	ug/l	97

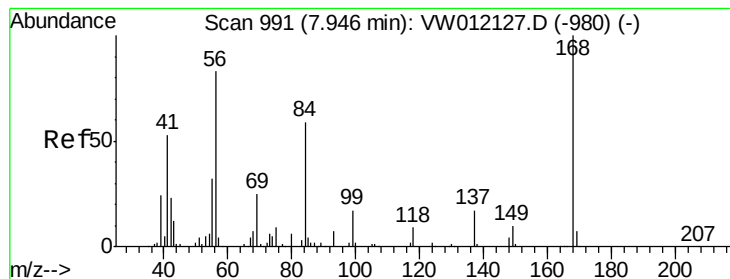
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	161912	60.214	ug/l	100
94) Hexachlorobutadiene	15.24	225	109277	61.547	ug/l	98
95) Naphthalene	15.36	128	280849	52.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	139675	59.537	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: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

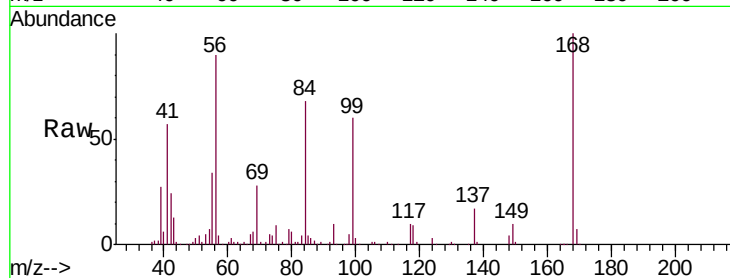
ClientSampled :

Tot Ion:168 Resp: 222716

Ion Ratio Lower Upper

168 100

99 60.4 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

100000

80000

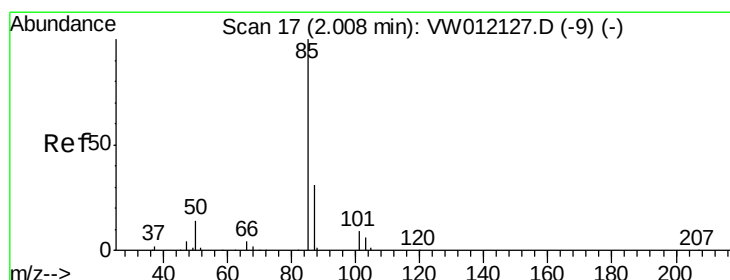
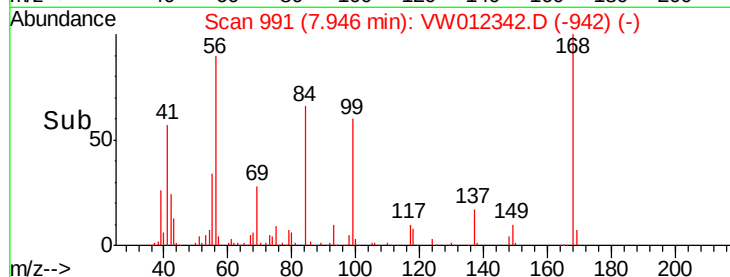
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.485 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012342.D

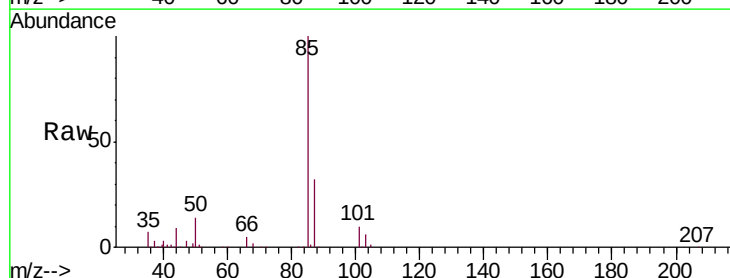
Acq: 30 Aug 2019 09:30

Tgt Ion: 85 Resp: 81575

Ion Ratio Lower Upper

85 100

87 32.0 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

30000

25000

20000

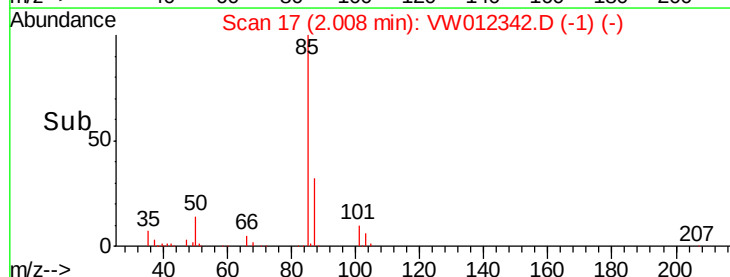
15000

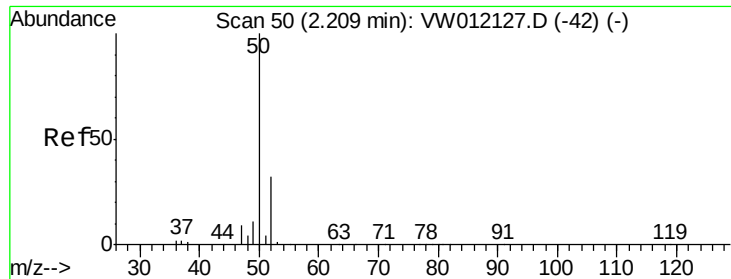
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5000

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Time-->

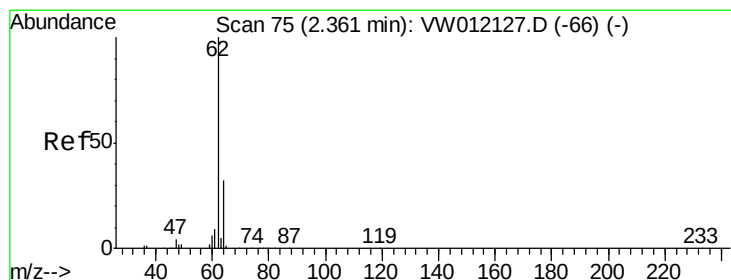
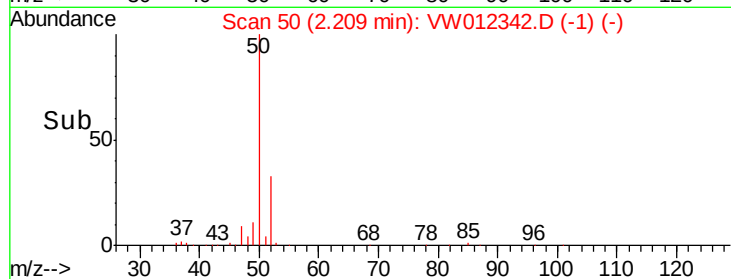
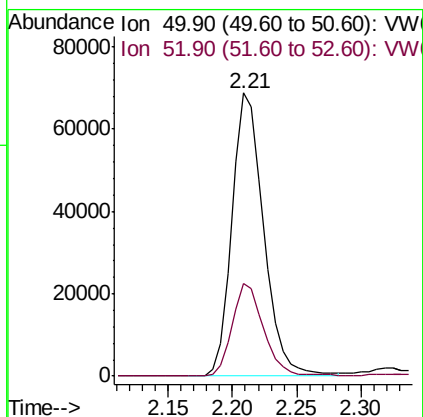
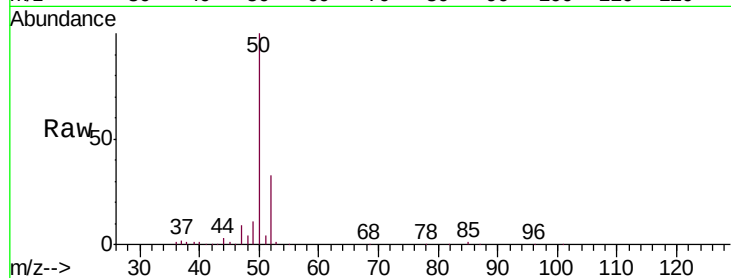




#3
Chloromethane
Concen: 55.305 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

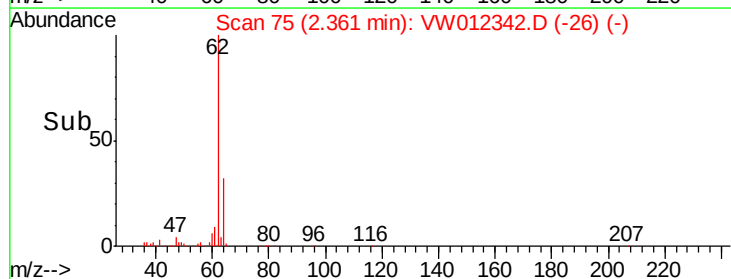
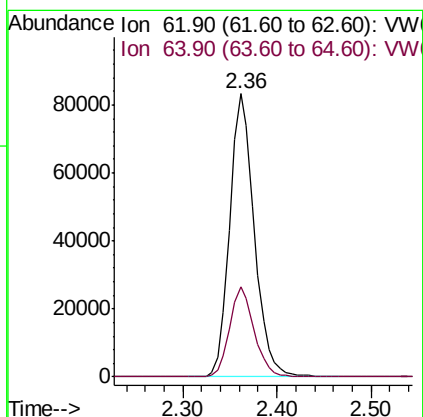
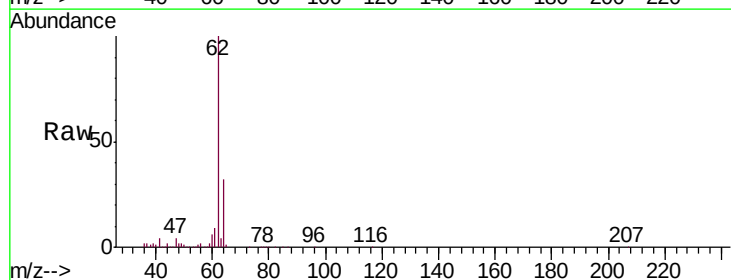
Instrument :
MSVOA_W
ClientSampleId :

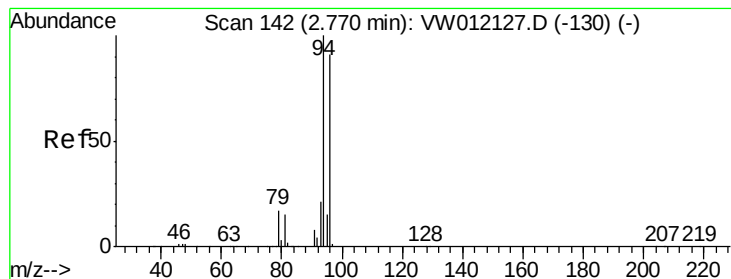
Tot Ion: 50 Resp: 117501
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 57.893 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 62 Resp: 150546
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5

Bromomethane

Concen: 57.303 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

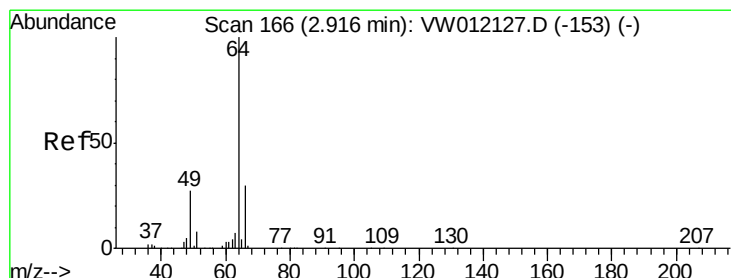
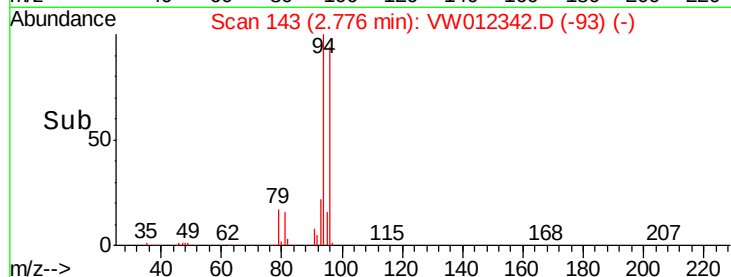
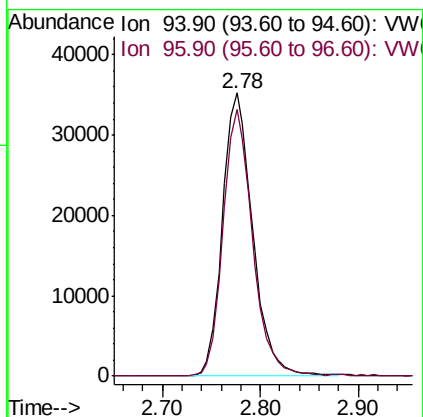
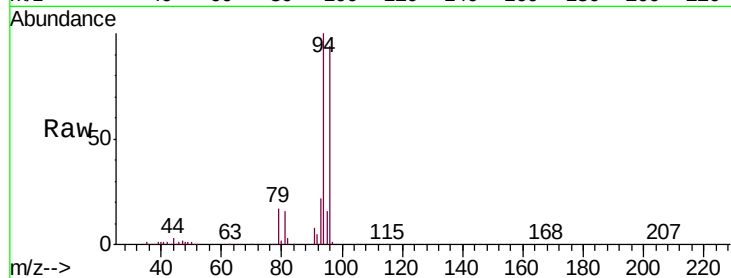
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 75467

Ion Ratio Lower Upper

94 100

96 94.0 72.9 109.3



#6

Chloroethane

Concen: 58.200 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012342.D

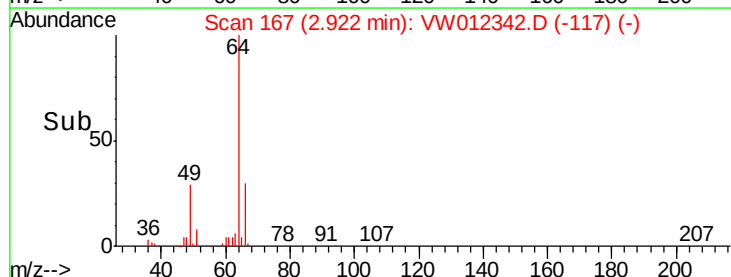
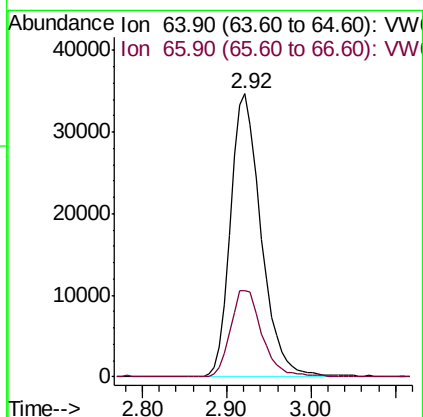
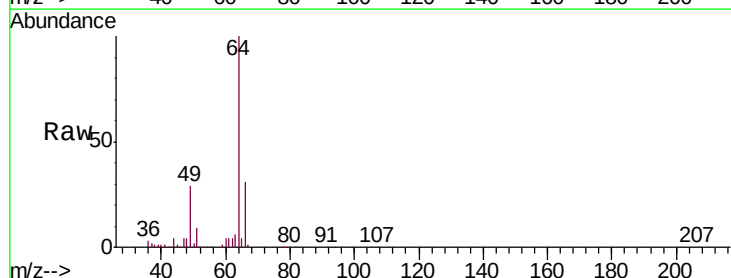
Acq: 30 Aug 2019 09:30

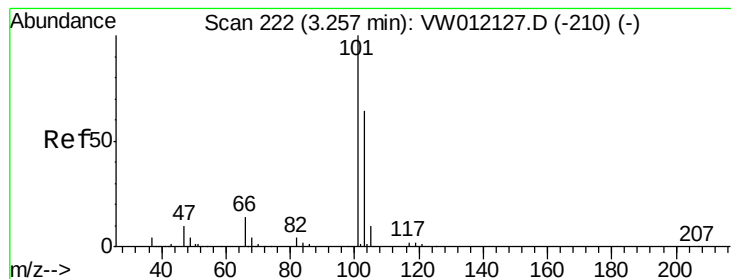
Tgt Ion: 64 Resp: 85377

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



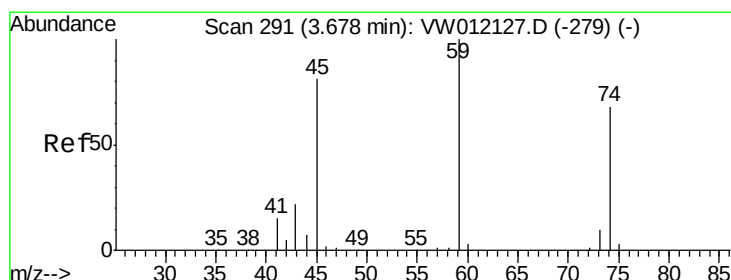
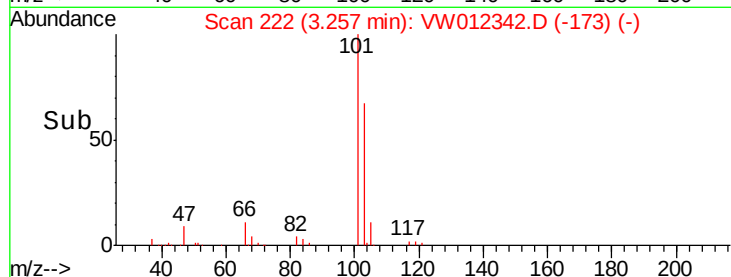
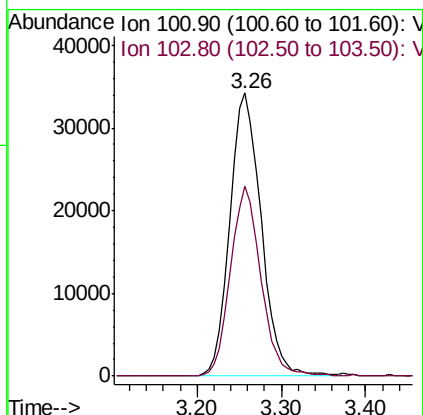
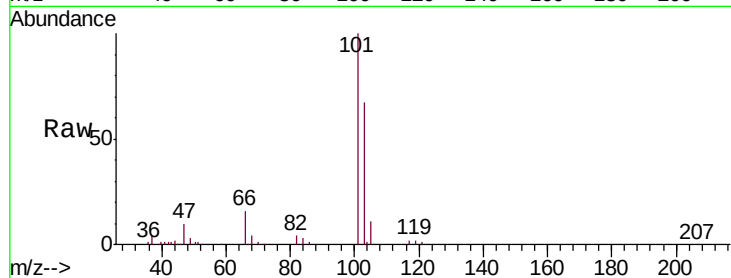


#7

Trichlorofluoromethane
 Concen: 66.324 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
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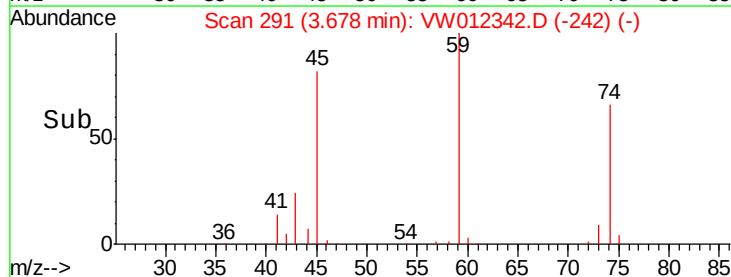
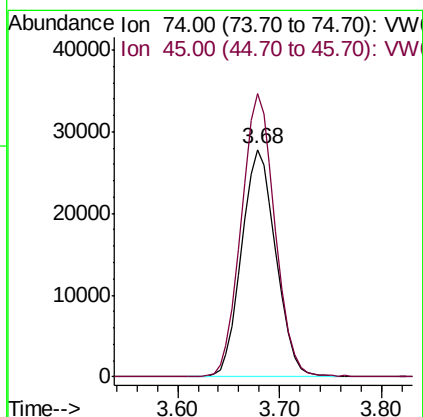
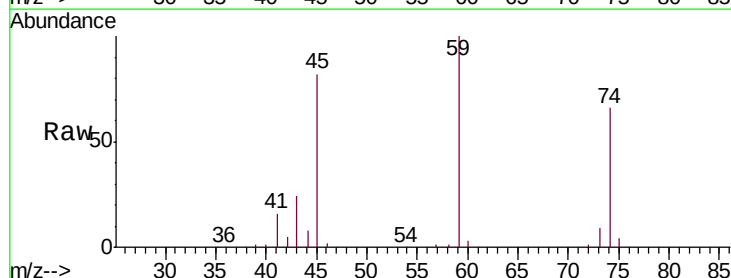
Tot Ion:101 Resp: 86603
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.2 76.8

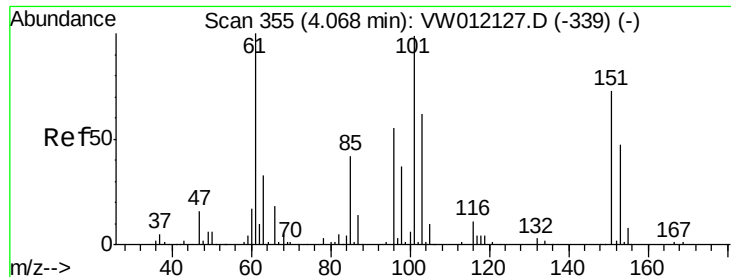


#8

Diethyl Ether
 Concen: 52.346 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 74 Resp: 64878
 Ion Ratio Lower Upper
 74 100
 45 121.4 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.781 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

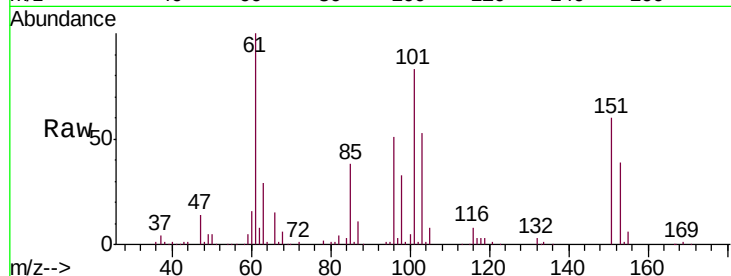
Tot Ion:101 Resp: 126027

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.6

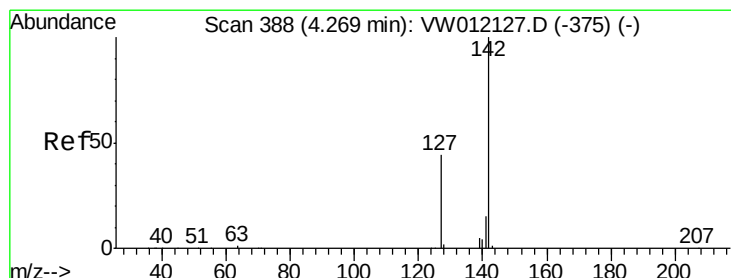
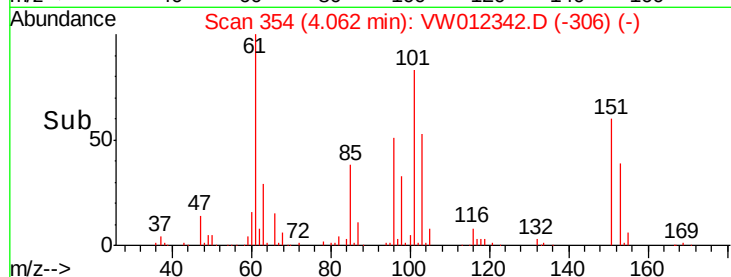
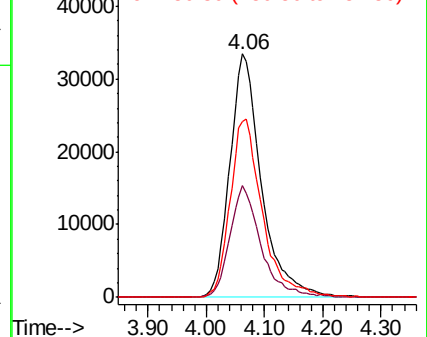
151 75.0 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.384 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

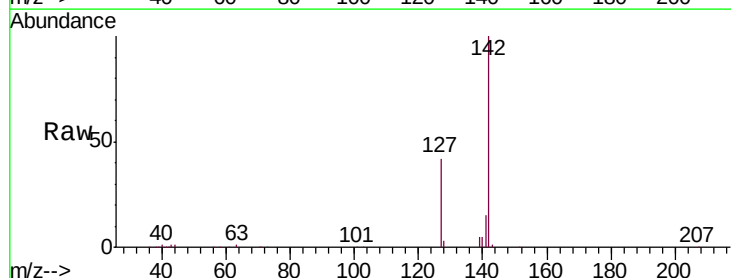
Tgt Ion:142 Resp: 172329

Ion Ratio Lower Upper

142 100

127 44.4 35.5 53.3

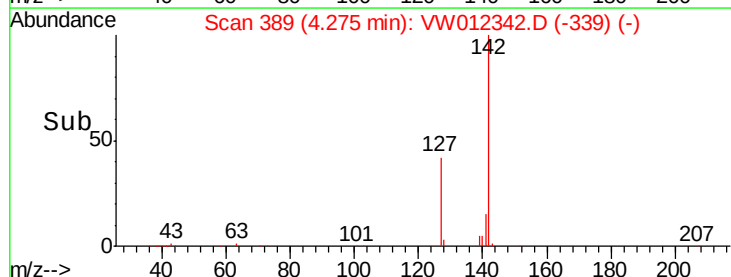
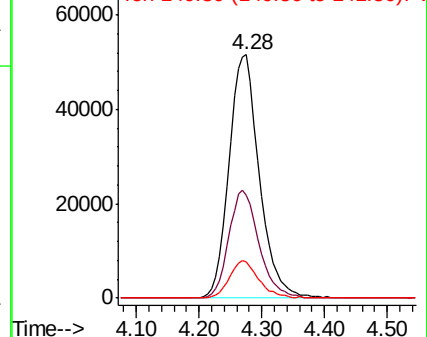
141 14.9 11.8 17.8

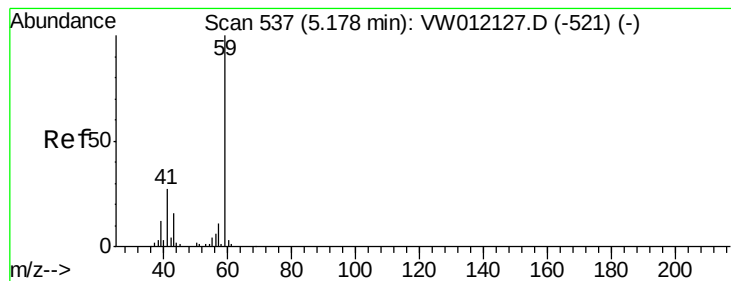


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



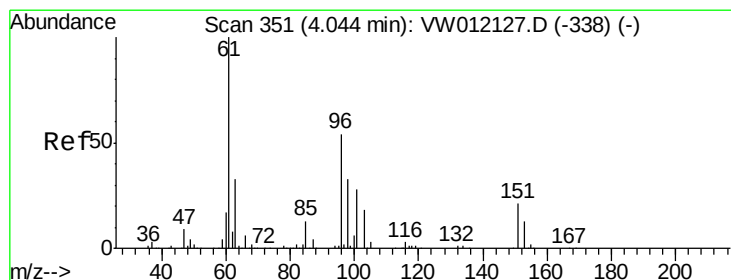
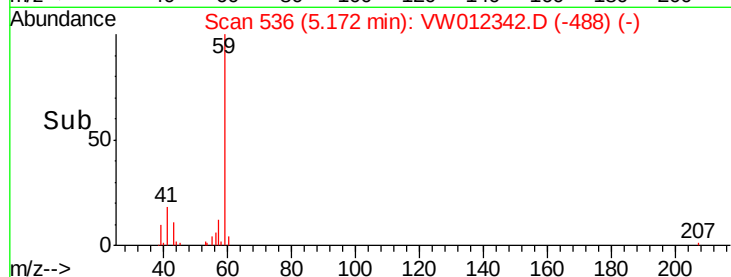
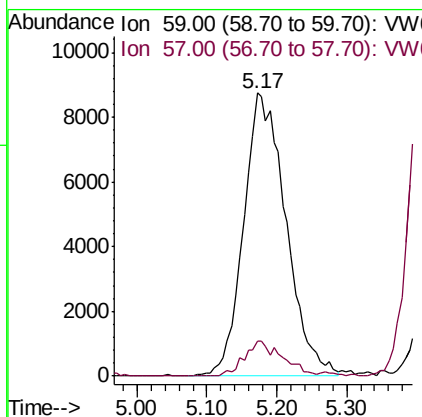
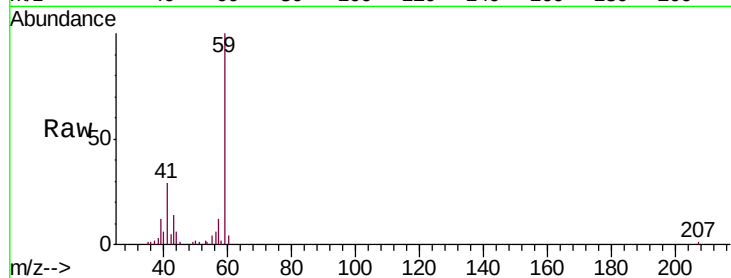


#11

Tert butyl alcohol
Concen: 231.114 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :

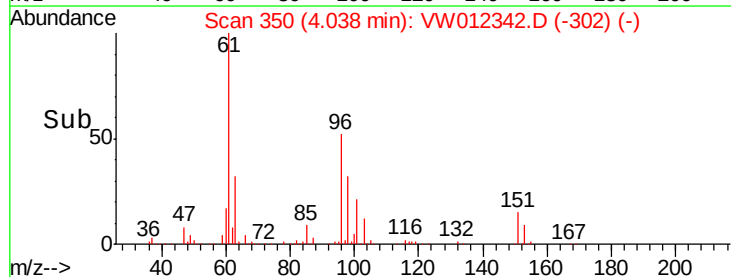
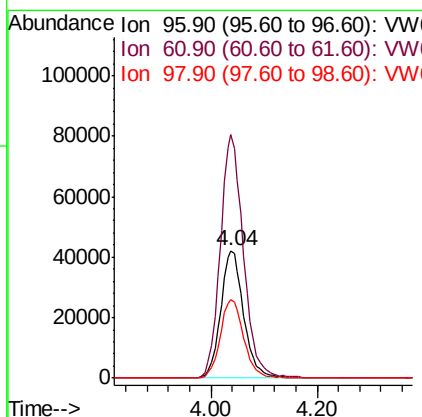
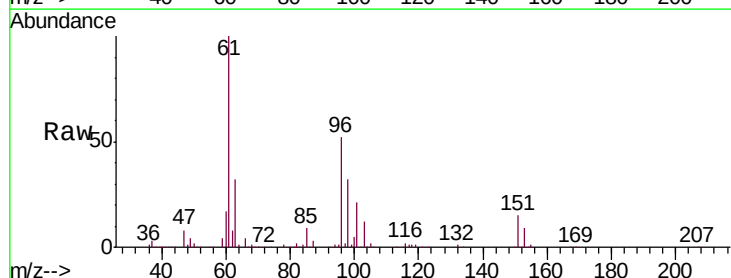
Tot Ion: 59 Resp: 36823
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4

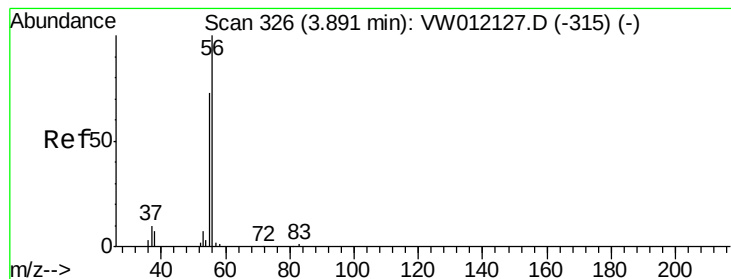


#12

1,1-Dichloroethene
Concen: 57.029 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 96 Resp: 127399
Ion Ratio Lower Upper
96 100
61 191.3 149.1 223.7
98 61.8 49.4 74.2





#13

Acrolein

Concen: 186.440 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

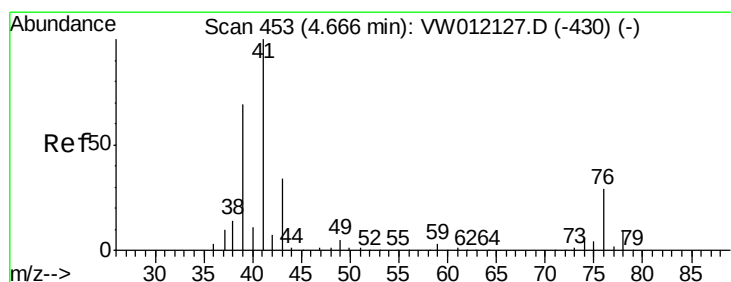
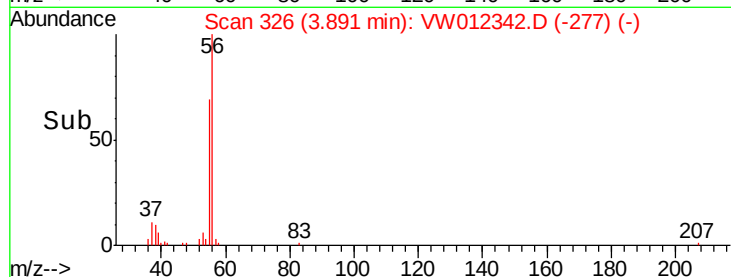
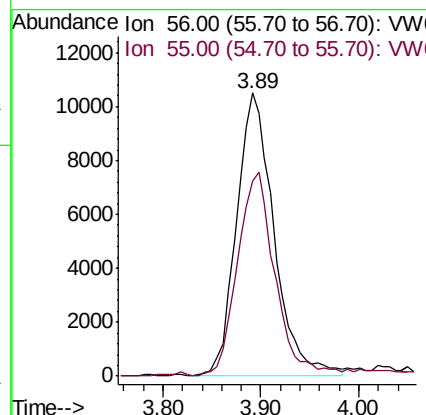
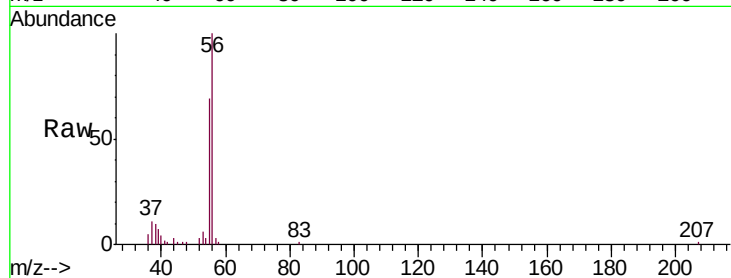
ClientSampleId :

Tot Ion: 56 Resp: 27962

Ion Ratio Lower Upper

56 100

55 72.1 55.8 83.8



#14

Allyl chloride

Concen: 57.778 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

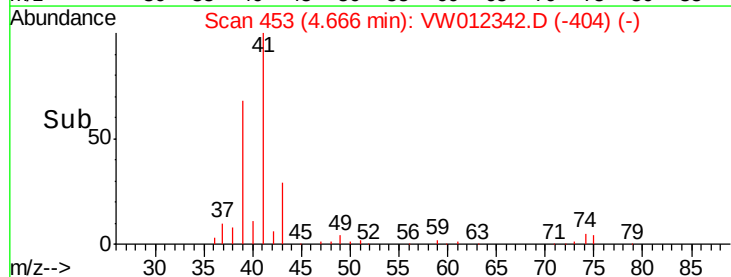
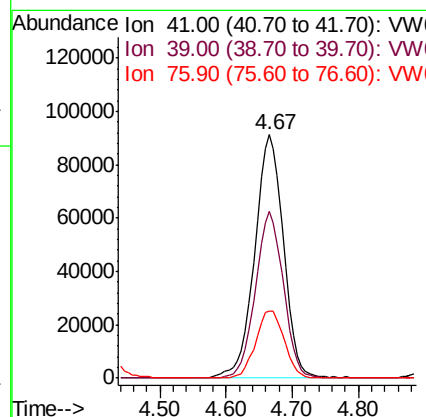
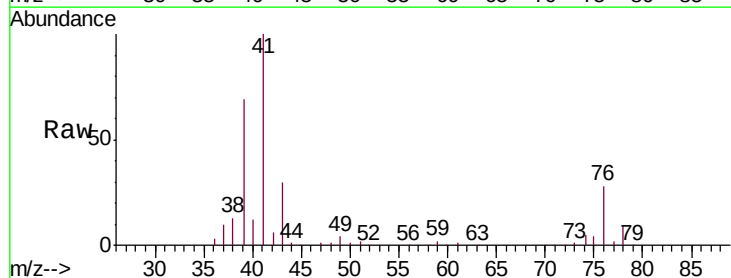
Tgt Ion: 41 Resp: 275941

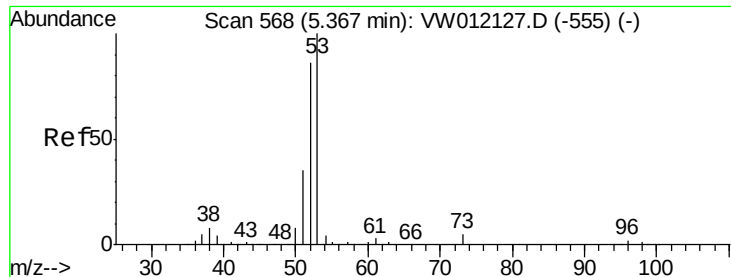
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.6 22.1 33.1





#15

Acrylonitrile

Concen: 257.233 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

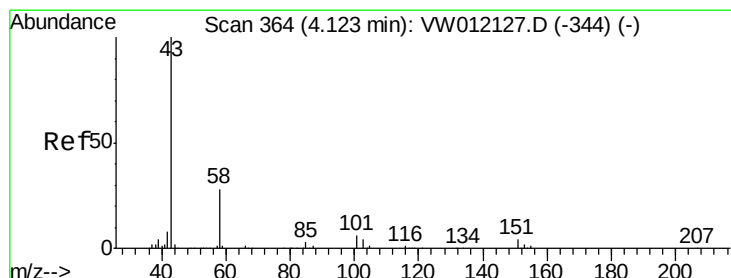
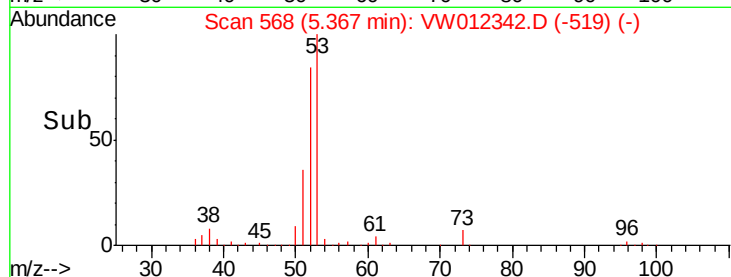
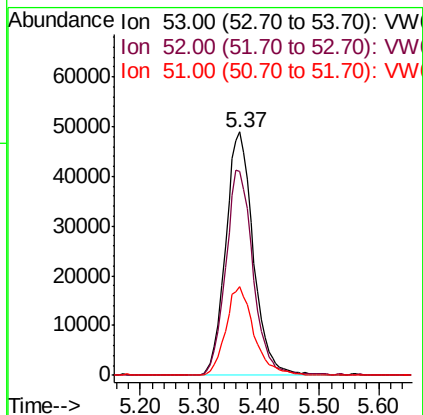
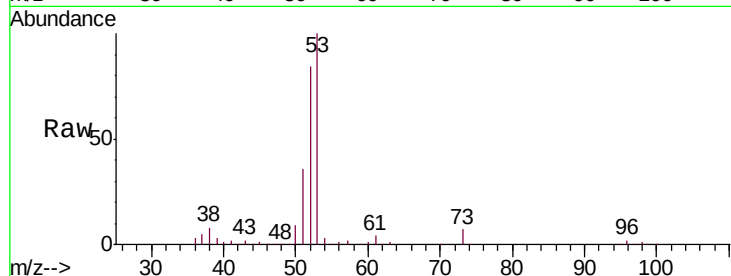
Tot Ion: 53 Resp: 158025

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.0 30.1 45.1



#16

Acetone

Concen: 260.473 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012342.D

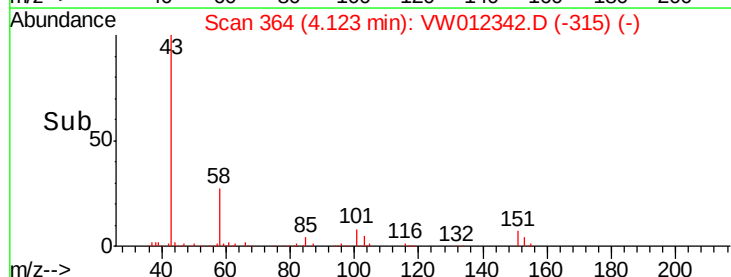
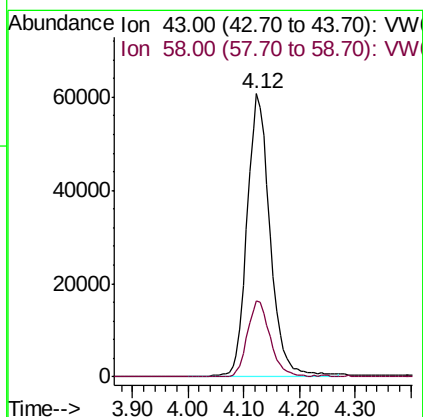
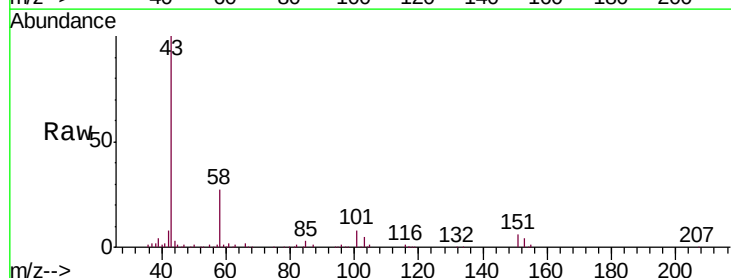
Acq: 30 Aug 2019 09:30

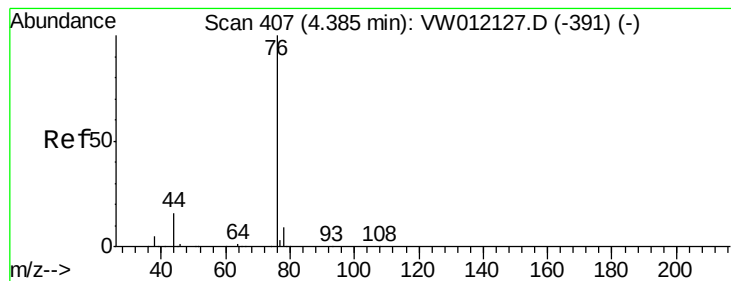
Tgt Ion: 43 Resp: 176280

Ion Ratio Lower Upper

43 100

58 27.0 22.4 33.6





#17

Carbon Disulfide

Concen: 56.196 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

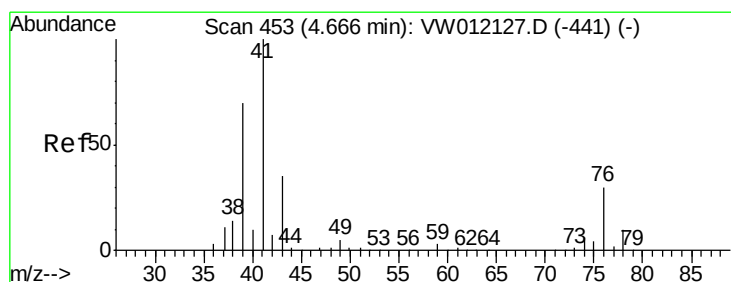
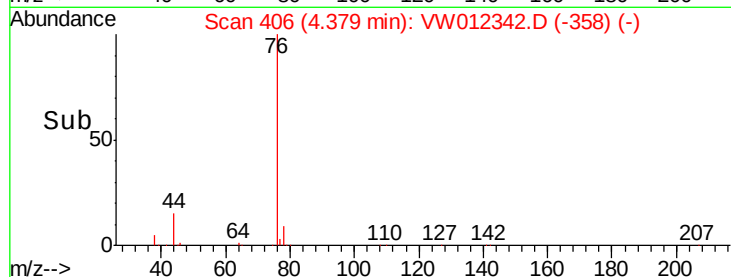
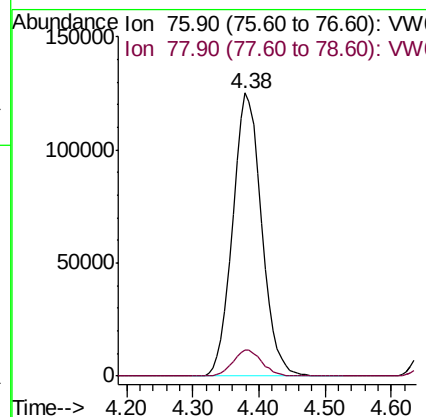
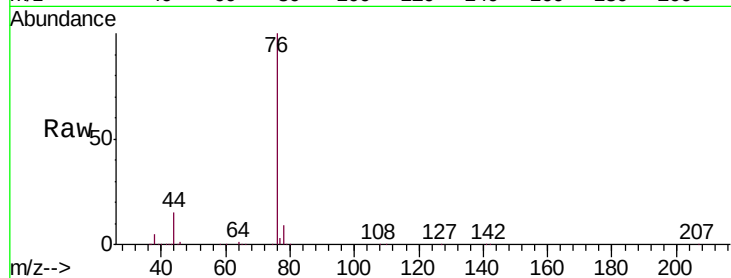
ClientSampled :

Tot Ion: 76 Resp: 379400

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 49.273 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012342.D

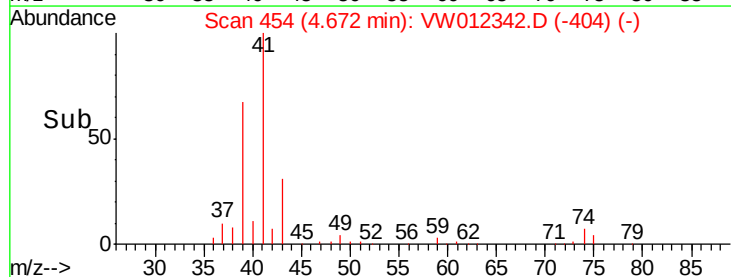
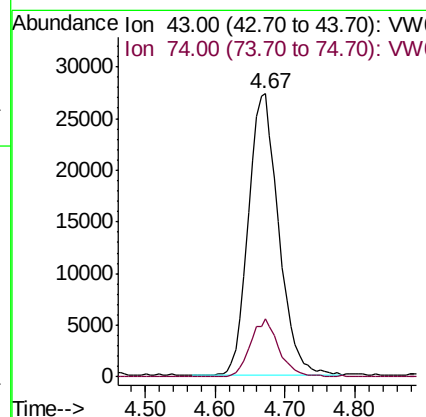
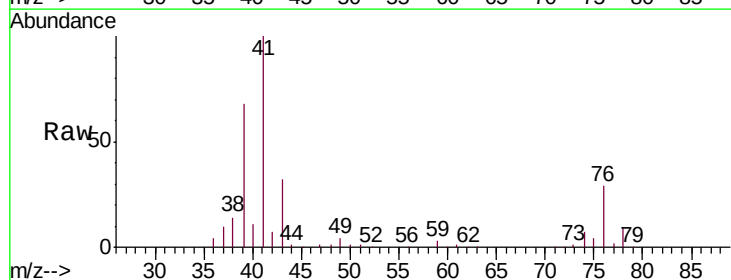
Acq: 30 Aug 2019 09:30

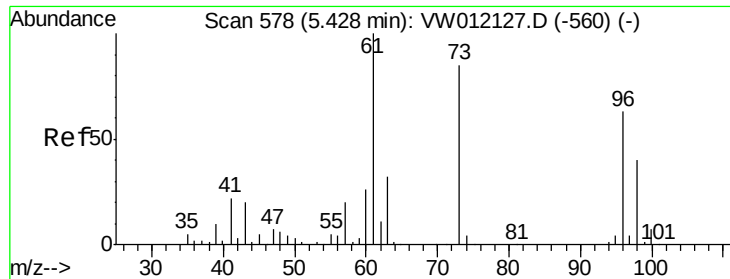
Tgt Ion: 43 Resp: 82594

Ion Ratio Lower Upper

43 100

74 19.3 15.7 23.5

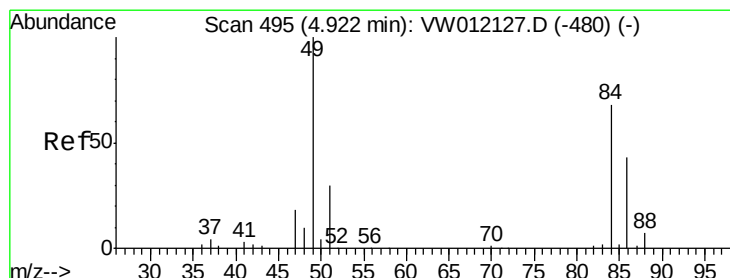
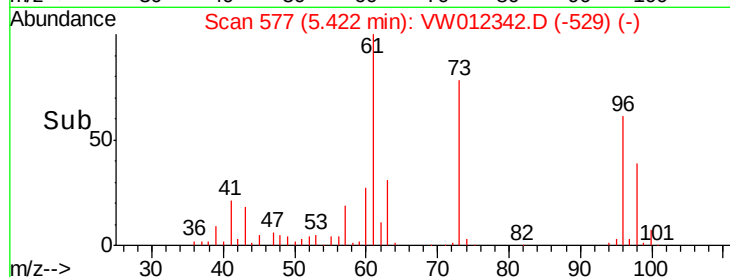
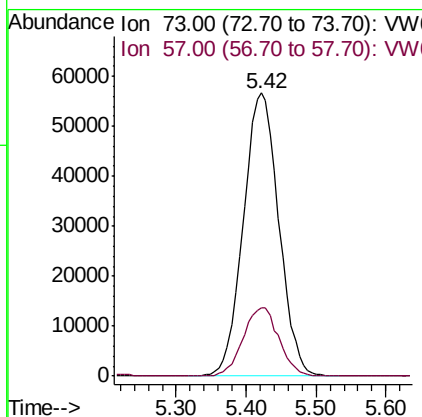
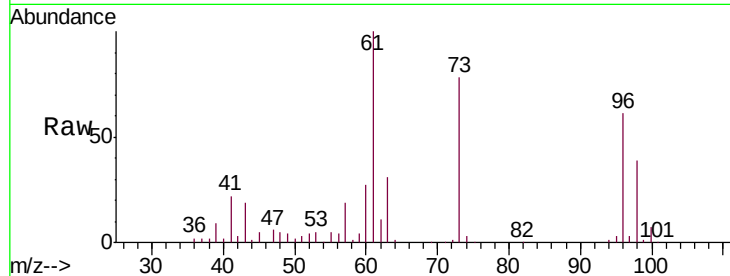




#19
Methyl tert-butyl Ether
Concen: 55.116 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

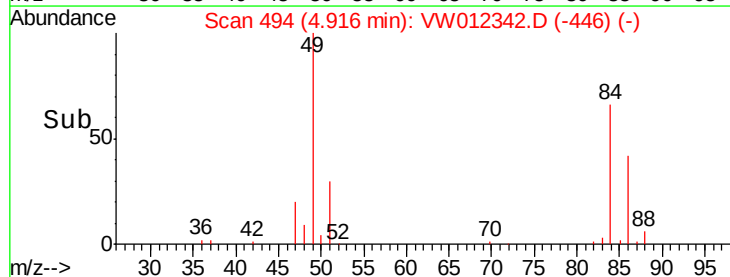
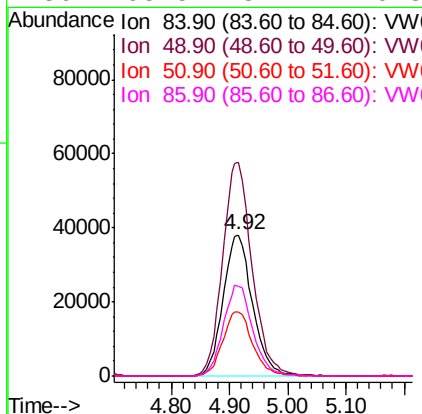
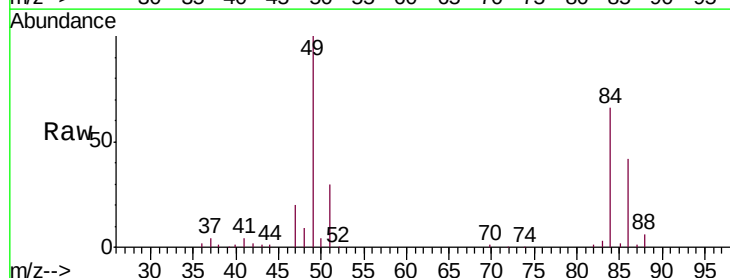
Instrument :
MSVOA_W
ClientSampleId :

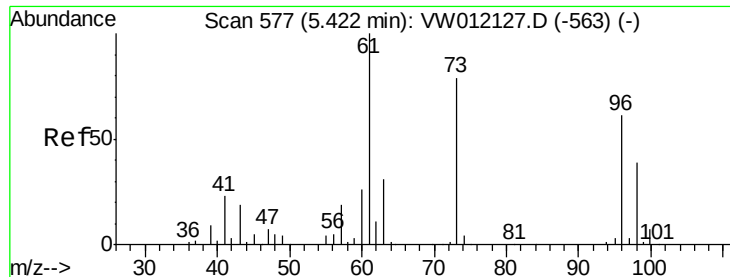
Tot Ion: 73 Resp: 199115
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3



#20
Methylene Chloride
Concen: 51.948 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 84 Resp: 132908
Ion Ratio Lower Upper
84 100
49 151.6 117.8 176.8
51 45.3 35.6 53.4
86 63.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 55.841 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

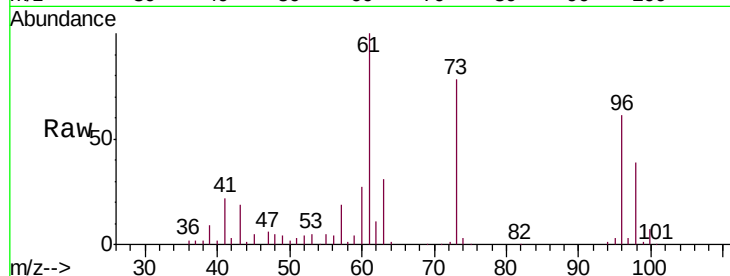
Tot Ion: 96 Resp: 133772

Ion Ratio Lower Upper

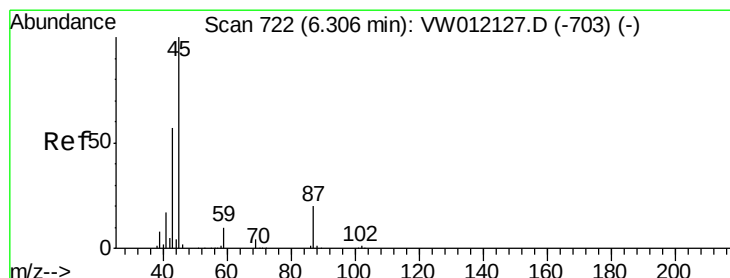
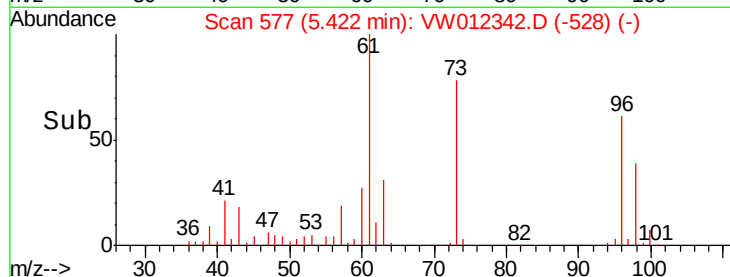
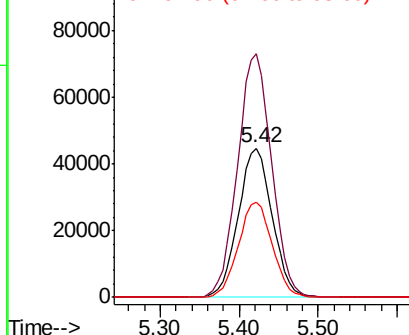
96 100

61 163.3 131.4 197.0

98 63.8 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: 55.363 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion: 45 Resp: 490096

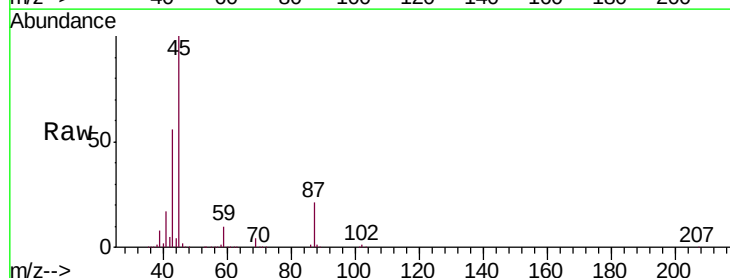
Ion Ratio Lower Upper

45 100

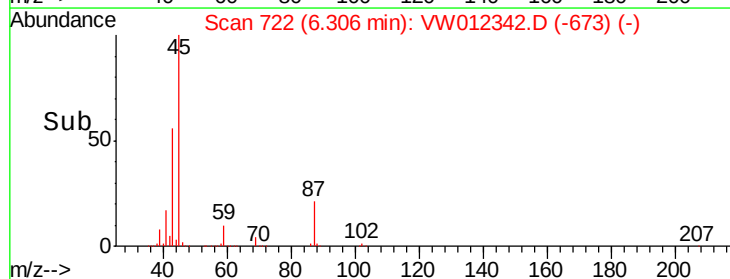
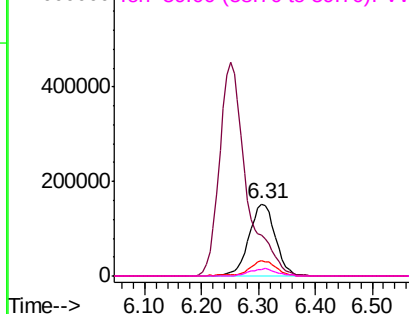
43 56.1 45.5 68.3

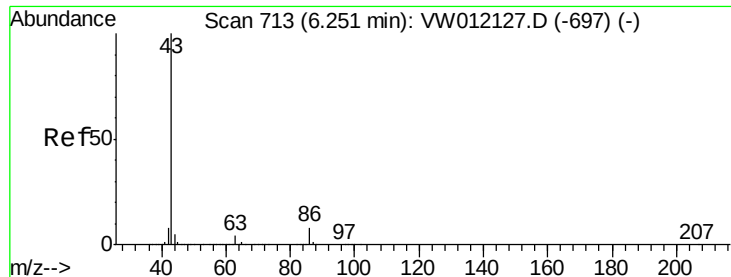
87 20.9 16.1 24.1

59 9.7 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: 272.540 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

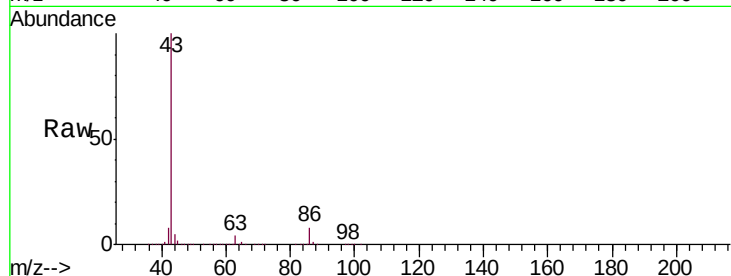
ClientSampled :

Tot Ion: 43 Resp: 1484785

Ion Ratio Lower Upper

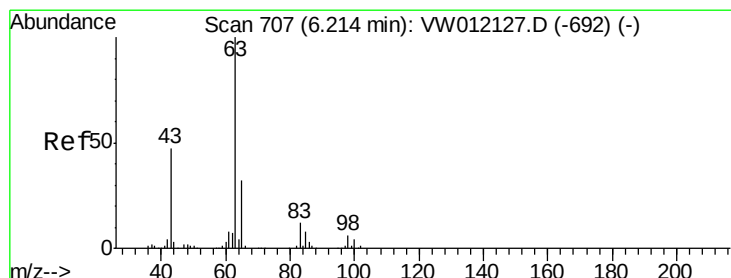
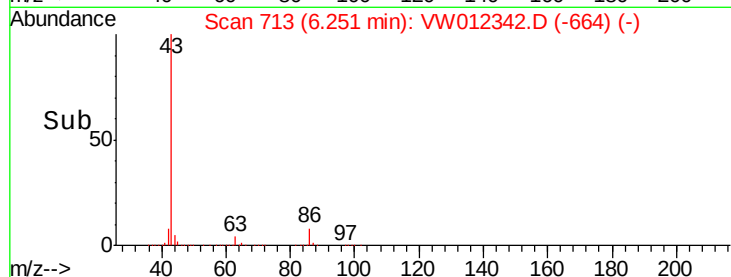
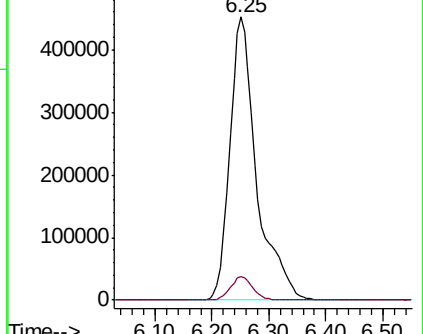
43 100

86 8.3 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: 56.280 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

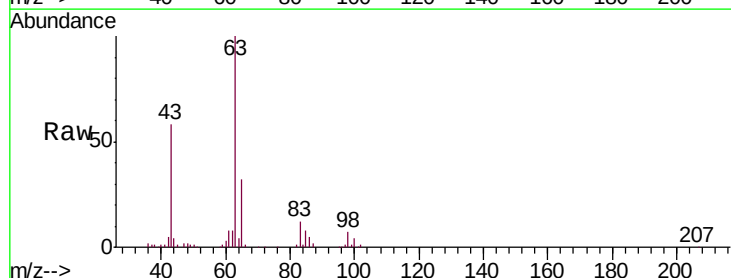
Tgt Ion: 63 Resp: 271269

Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

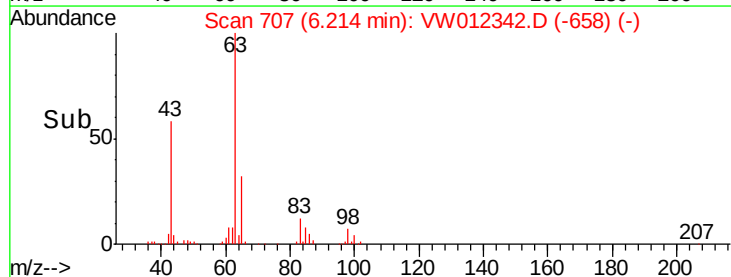
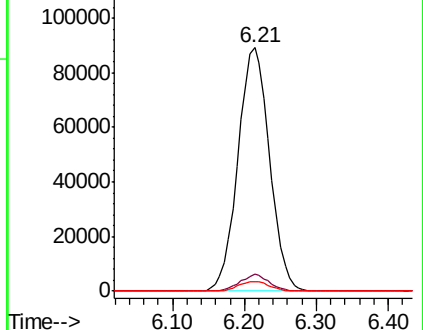
100 3.7 2.0 6.0

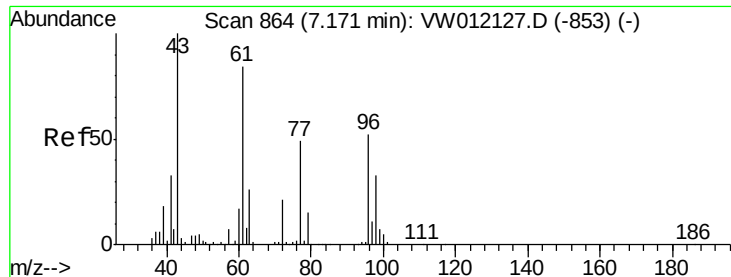


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 247.971 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

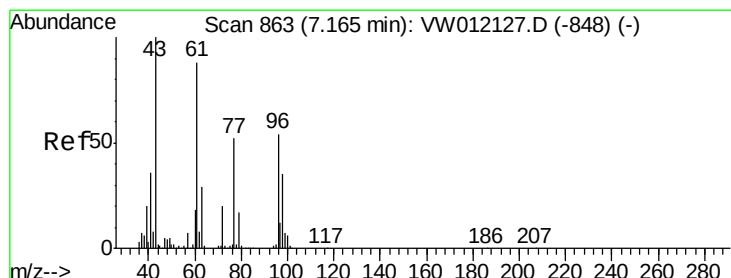
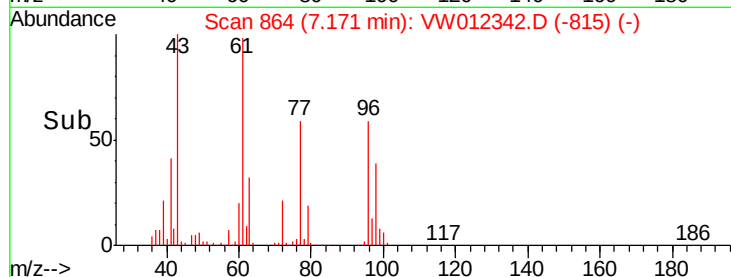
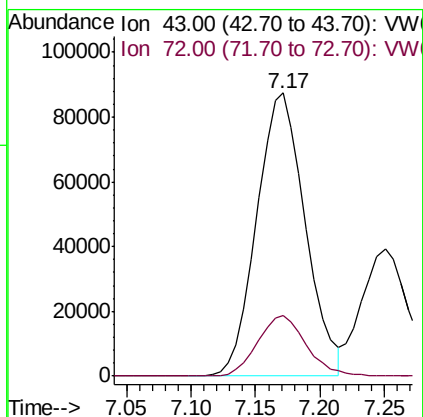
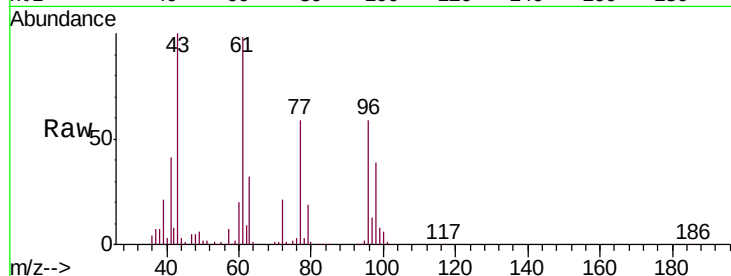
ClientSampleId :

Tot Ion: 43 Resp: 228047

Ion Ratio Lower Upper

43 100

72 21.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 58.591 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012342.D

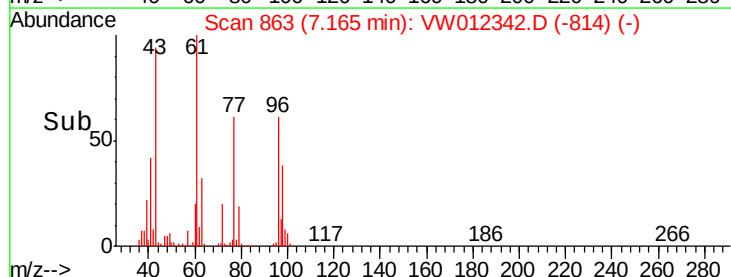
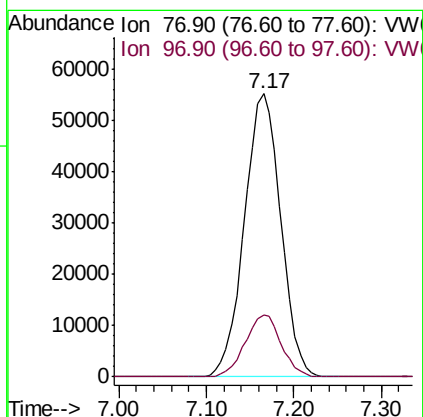
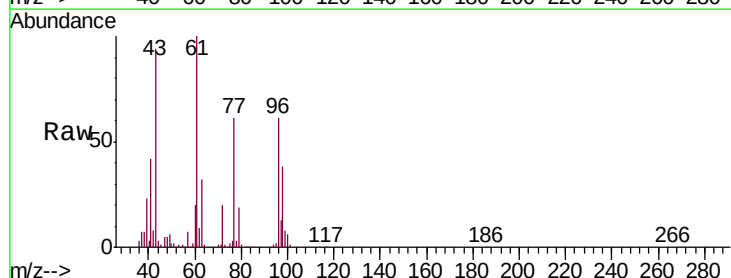
Acq: 30 Aug 2019 09:30

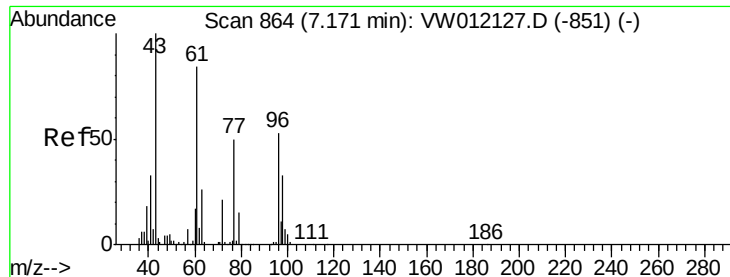
Tgt Ion: 77 Resp: 159848

Ion Ratio Lower Upper

77 100

97 21.7 11.1 33.1



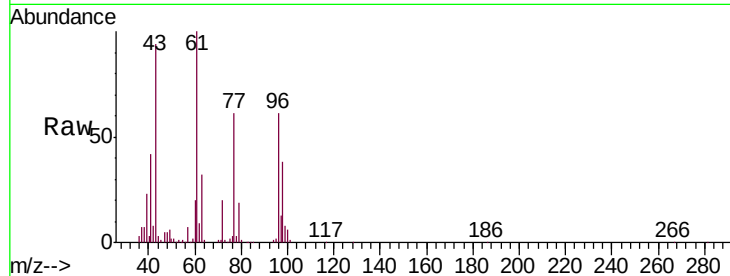


#27

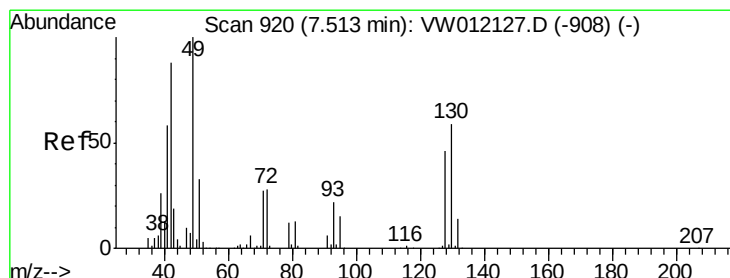
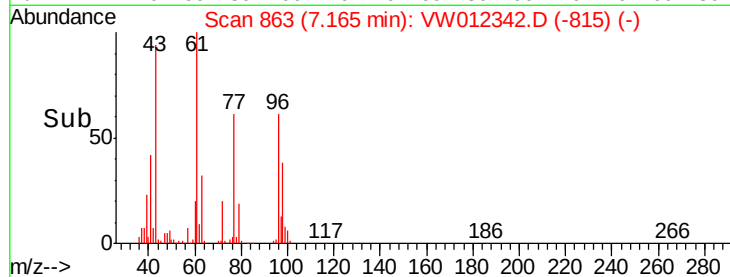
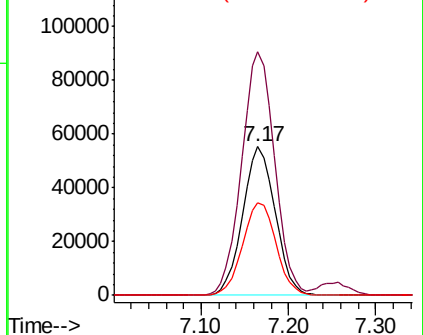
cis-1,2-Dichloroethene
 Concen: 55.976 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.8	0.0	326.6
98	63.8	0.0	127.4



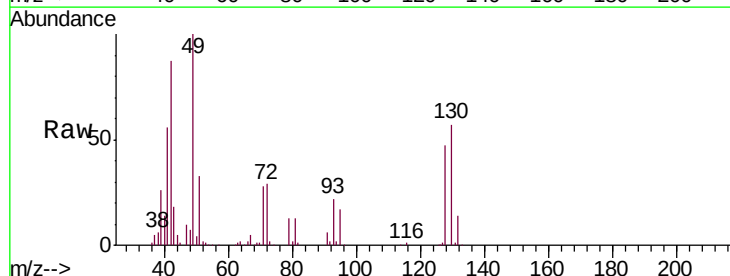
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



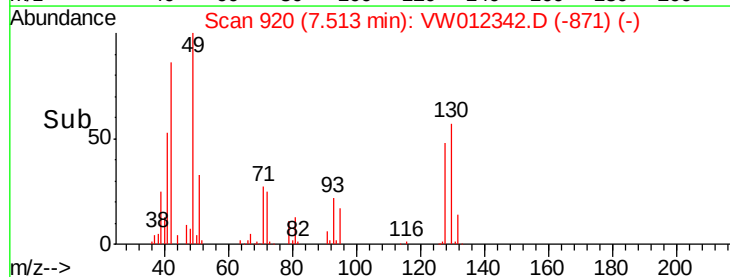
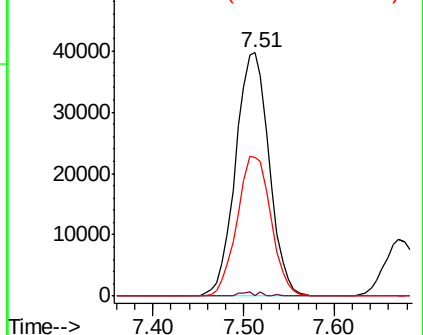
#28

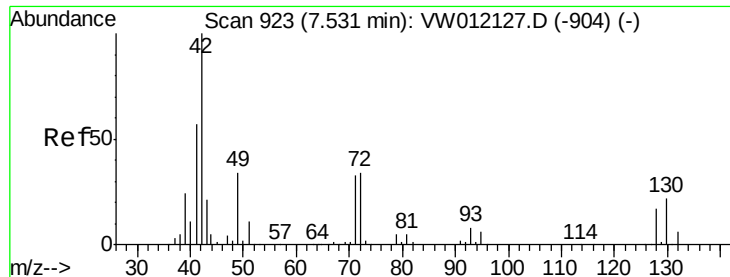
Bromochloromethane
 Concen: 48.523 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.4
130	58.0	45.5	68.3



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

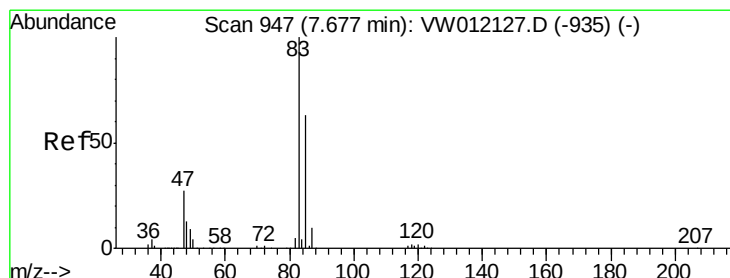
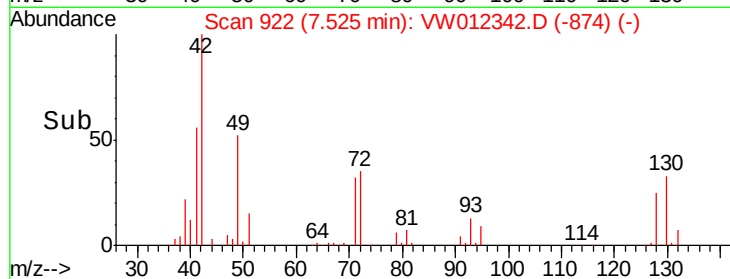
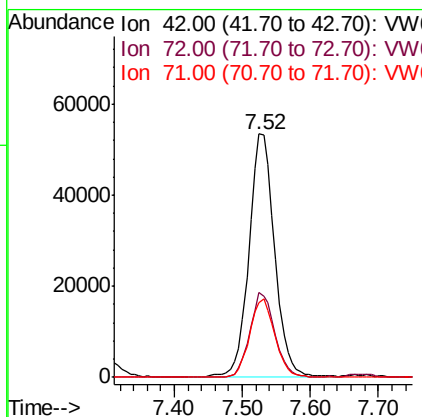
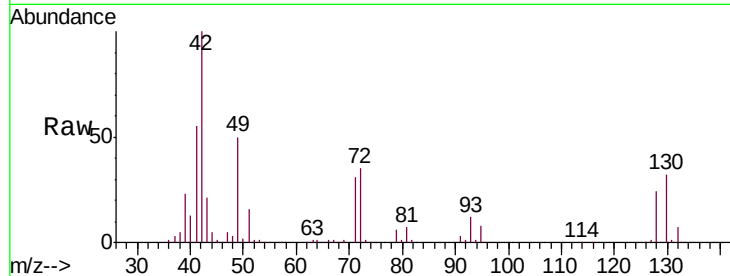




#29
Tetrahydrofuran
Concen: 255.782 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

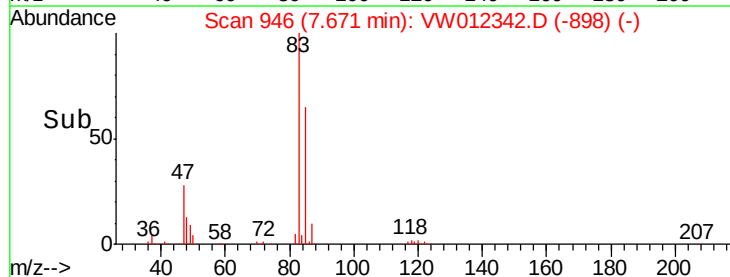
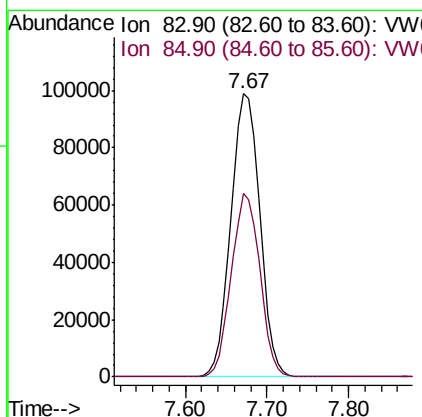
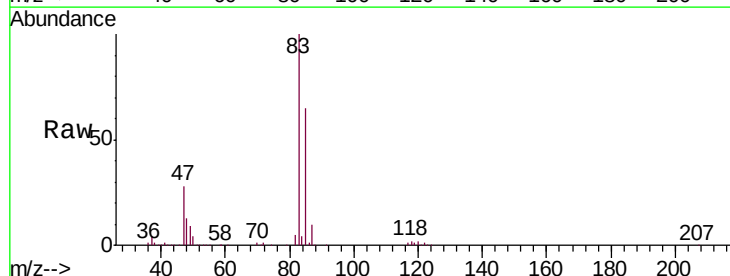
Instrument :
MSVOA_W
ClientSampled :

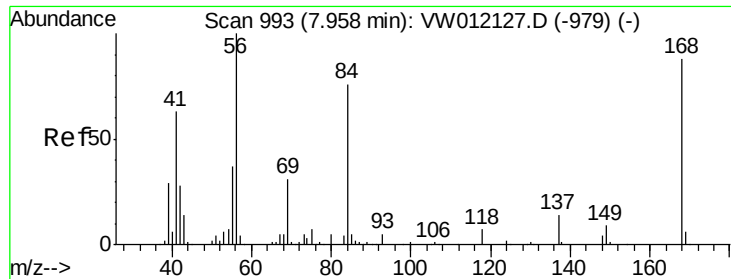
Tot Ion	Ratio	Lower	Upper
42	100		
72	33.7	27.3	40.9
71	31.7	25.5	38.3



#30
Chloroform
Concen: 55.069 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	76.0

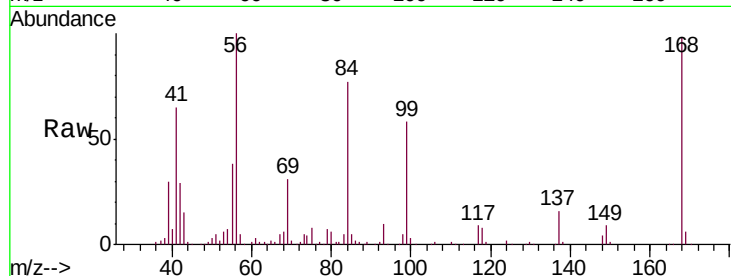




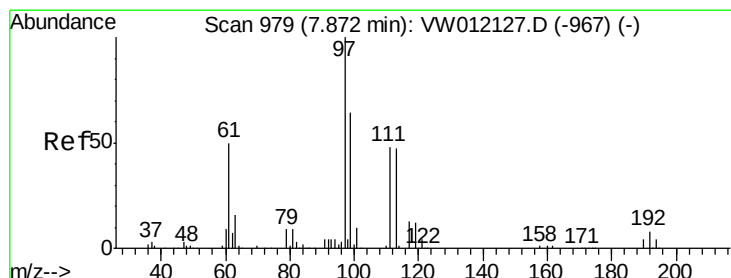
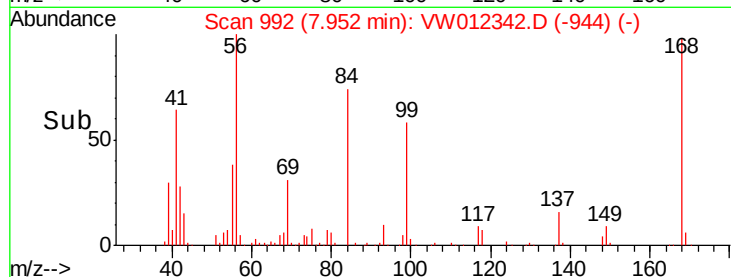
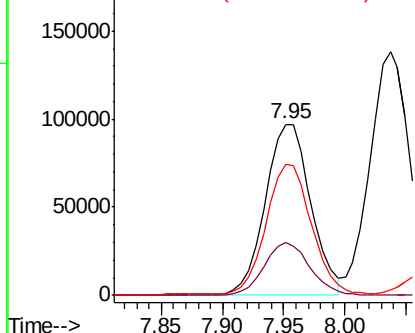
#31
Cyclohexane
Concen: 52.848 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 252020
Ion Ratio Lower Upper
56 100
69 30.9 24.9 37.3
84 75.6 60.6 90.8

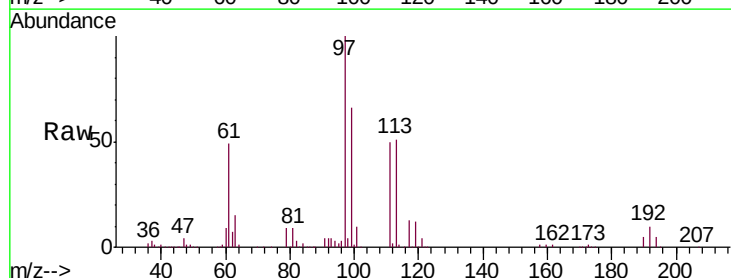


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

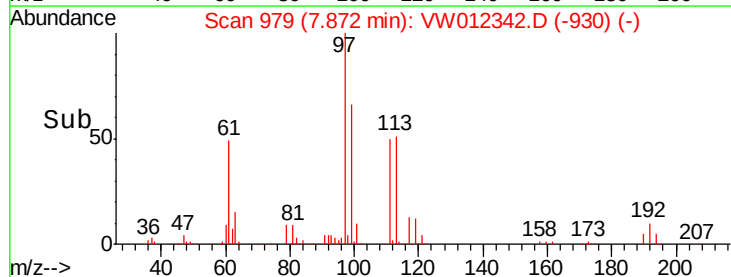
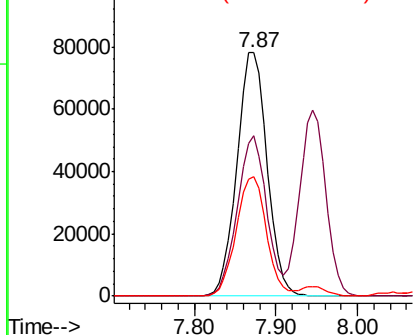


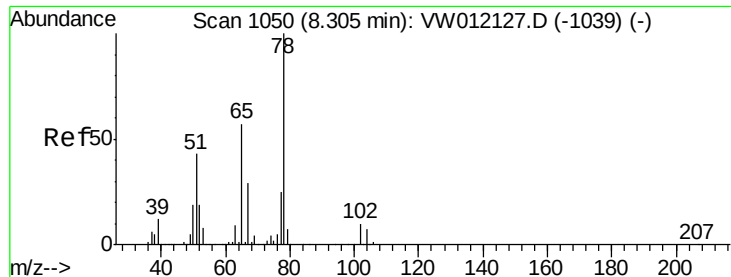
#32
1,1,1-Trichloroethane
Concen: 57.439 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 97 Resp: 200377
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 49.2 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

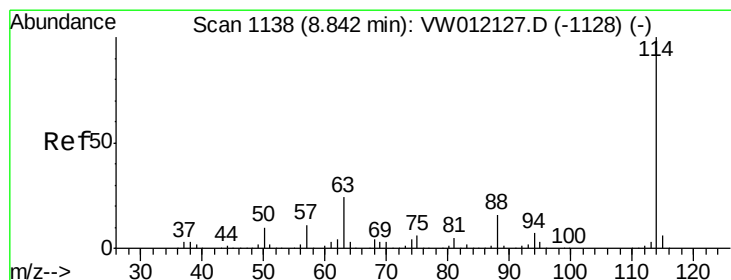
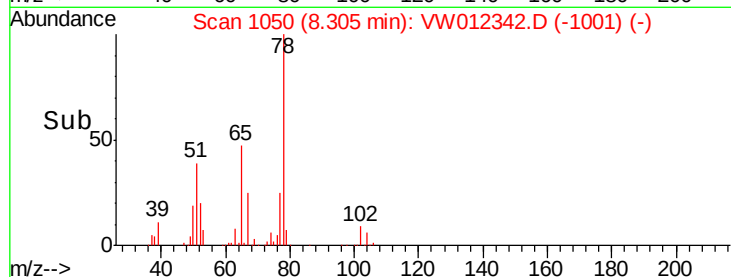
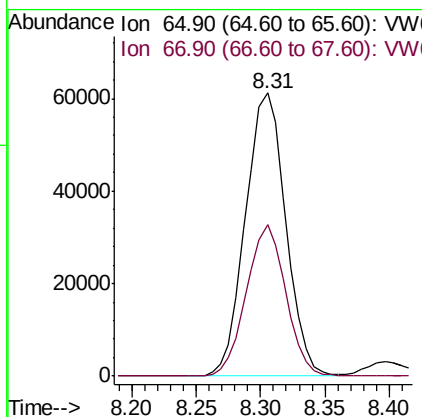
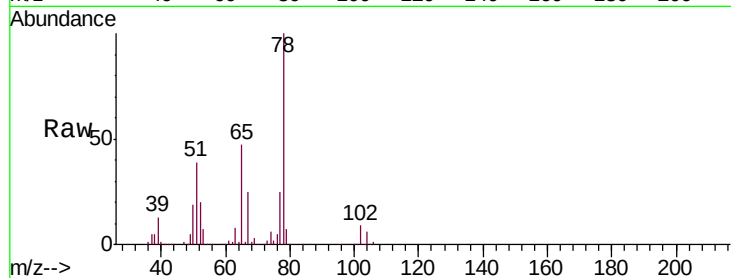




#33
 1,2-Dichloroethane-d4
 Concen: 50.089 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

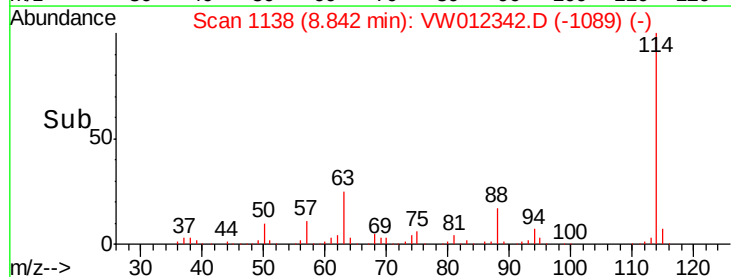
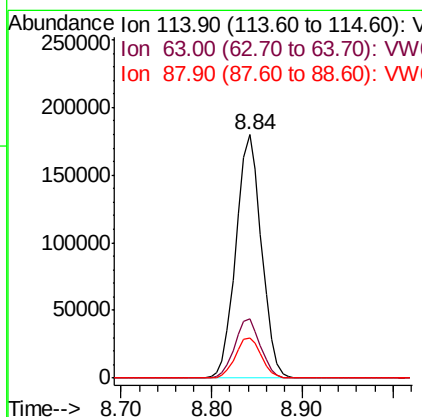
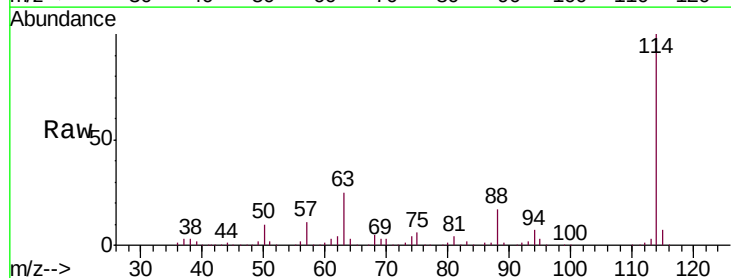
Instrument :
 MSVOA_W
 ClientSampleId :

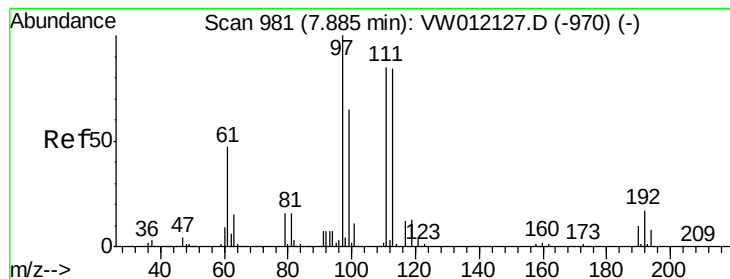
Tot Ion: 65 Resp: 132614
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 114 Resp: 350456
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.260 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

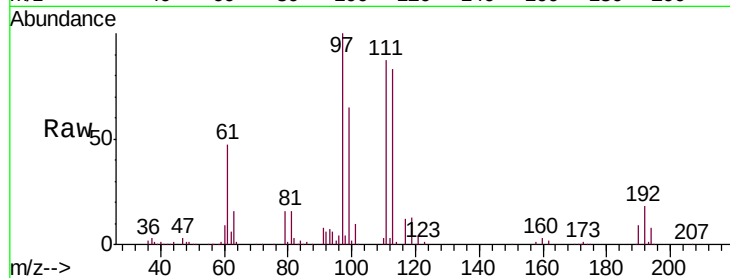
Tot Ion:113 Resp: 111414

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

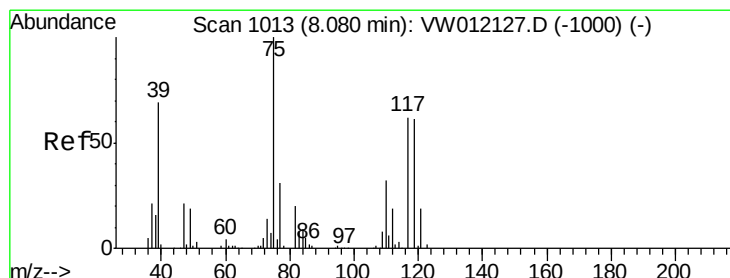
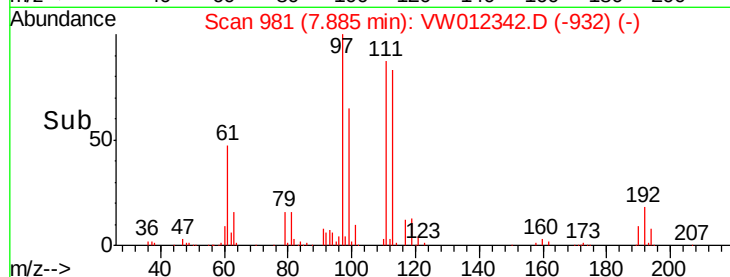
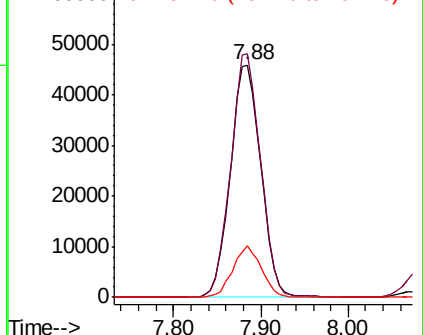
192 20.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 57.099 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

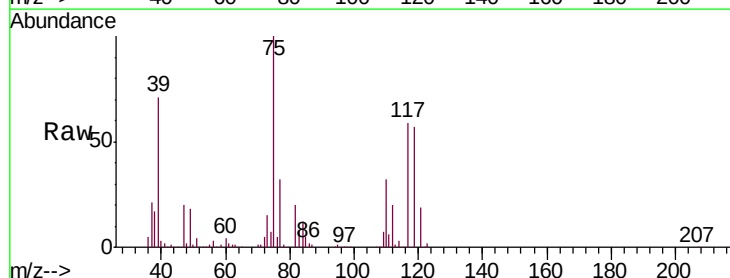
Tgt Ion: 75 Resp: 206786

Ion Ratio Lower Upper

75 100

110 31.7 15.6 46.8

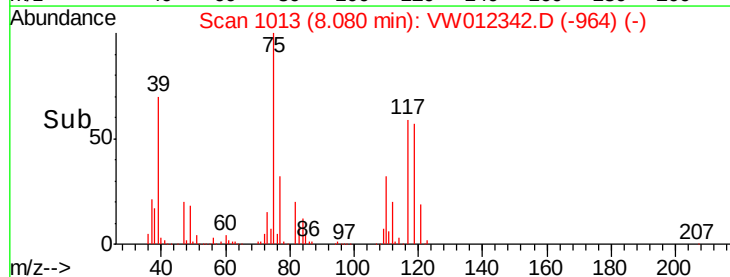
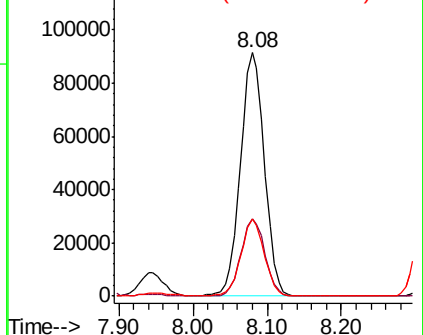
77 31.0 24.6 36.8

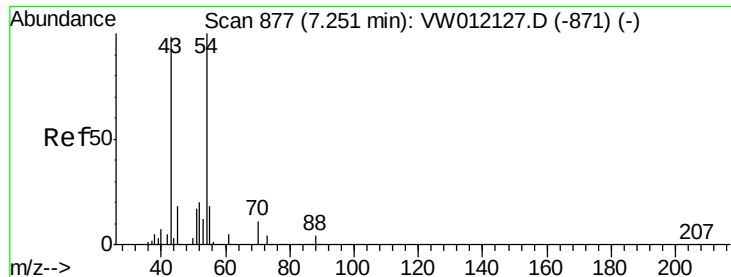


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

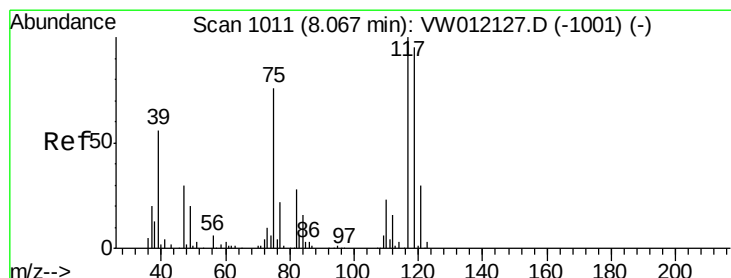
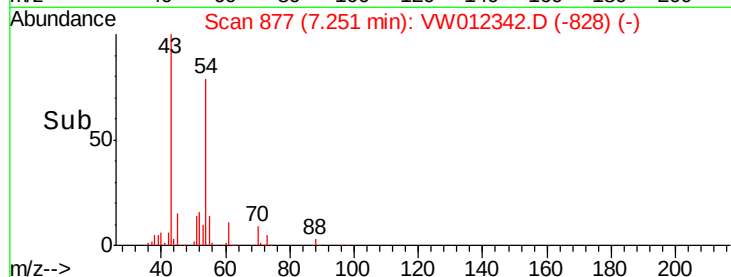
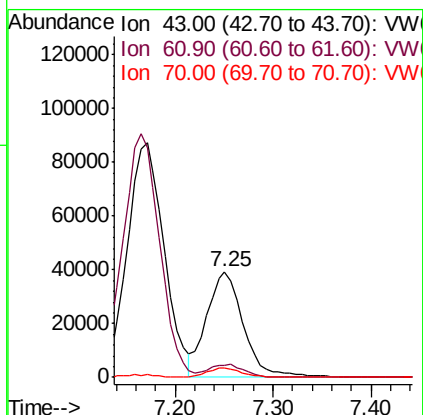
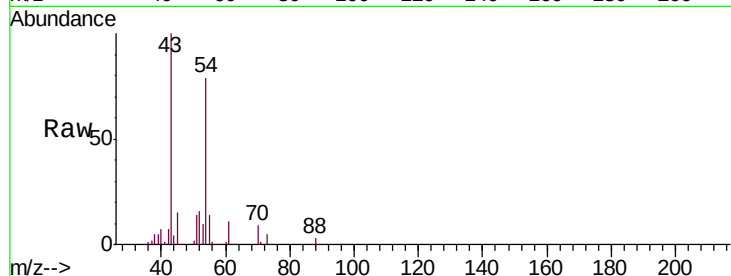




#37
Ethyl Acetate
Concen: 50.595 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

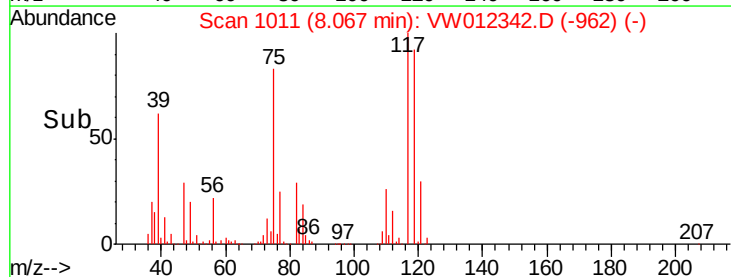
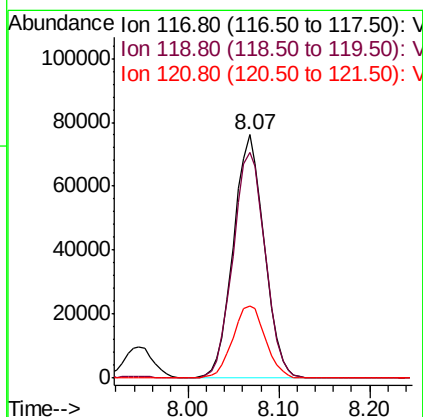
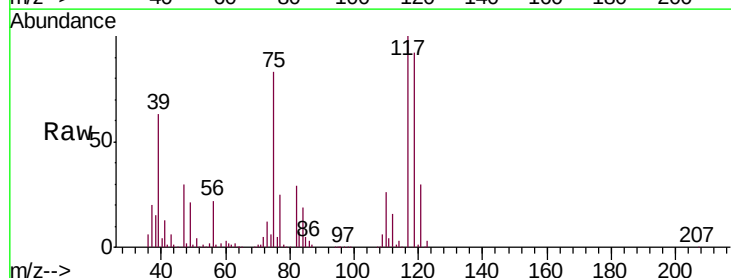
Instrument :
MSVOA_W
ClientSampled :

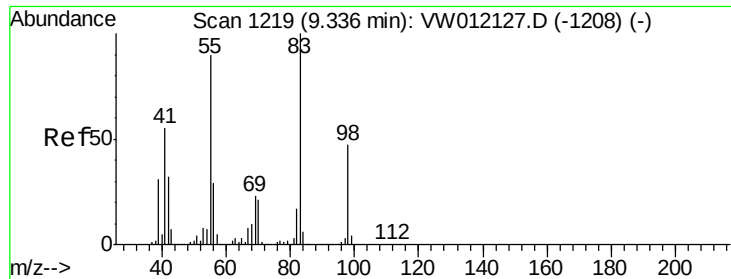
Tot Ion: 43 Resp: 100408
Ion Ratio Lower Upper
43 100
61 12.2 9.2 13.8
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 57.613 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 117 Resp: 180591
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.2
121 29.7 23.8 35.8

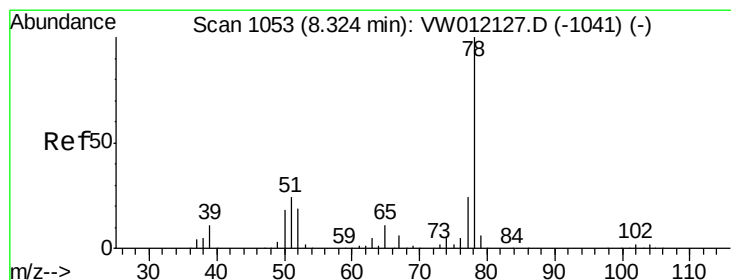
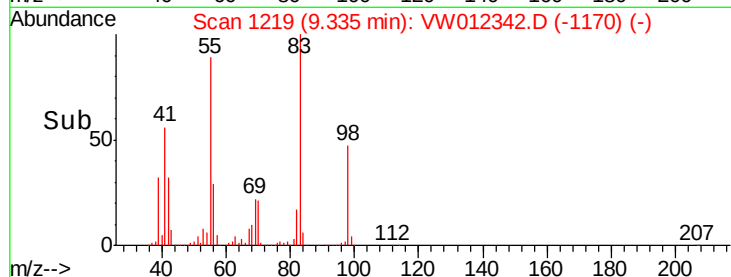
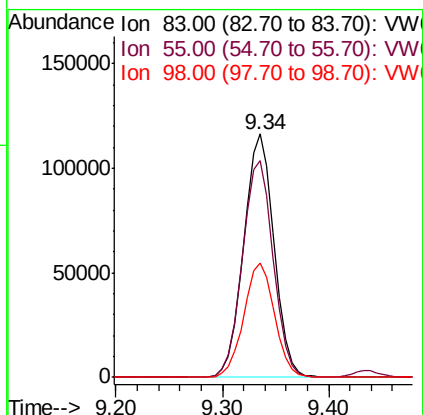
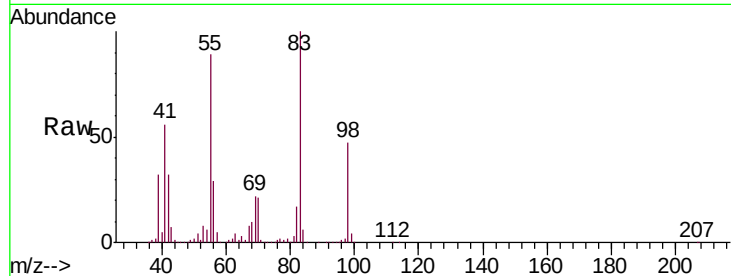




#39
Methylvlcyclohexane
Concen: 57.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

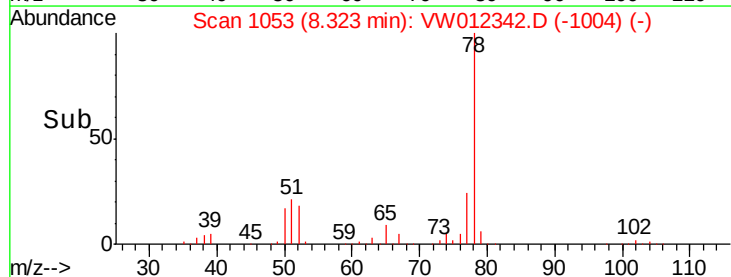
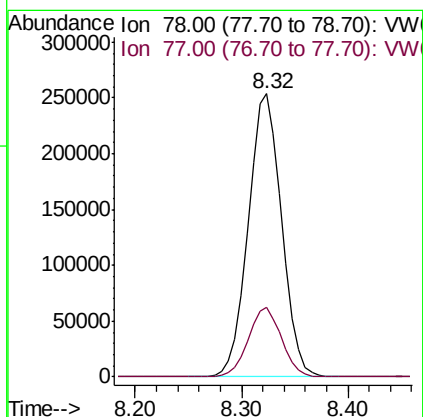
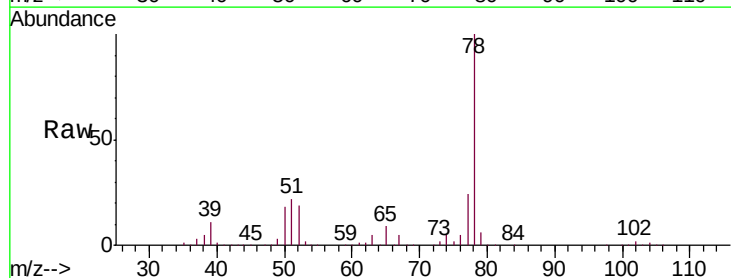
Instrument :
MSVOA_W
ClientSampleId :

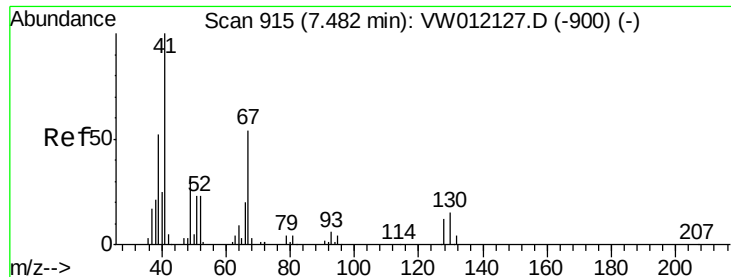
Tot Ion: 83 Resp: 232826
Ion Ratio Lower Upper
83 100
55 89.1 71.8 107.8
98 47.1 37.8 56.8



#40
Benzene
Concen: 56.319 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion: 78 Resp: 556937
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

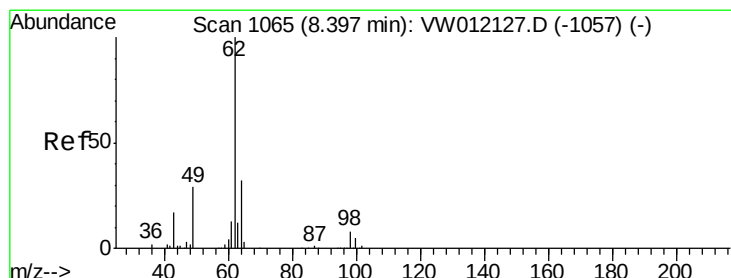
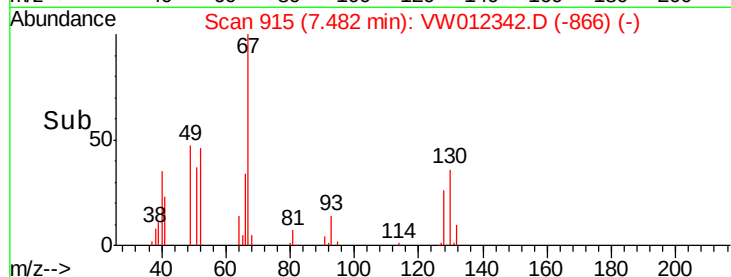
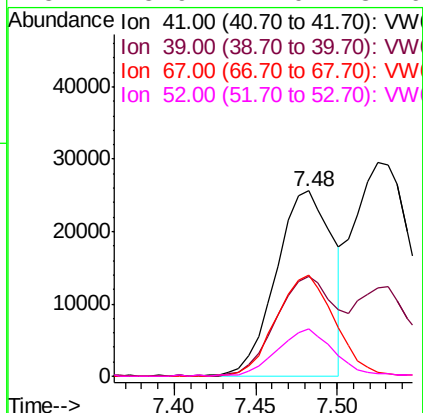
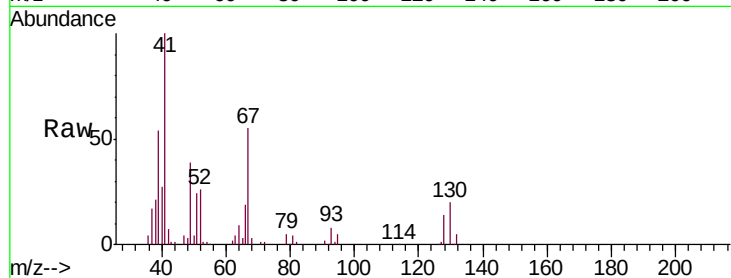




#41
Methacrylonitrile
Concen: 52.943 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

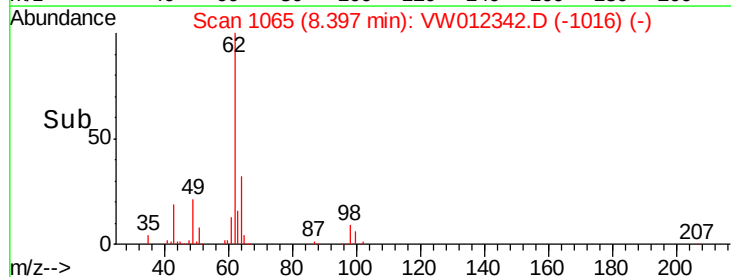
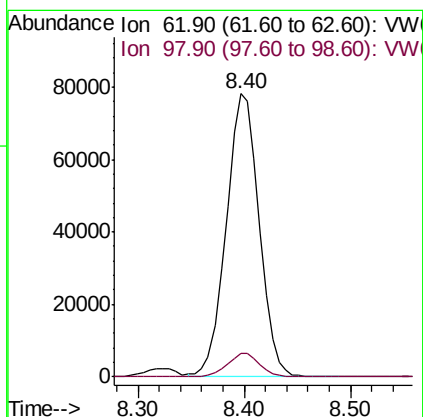
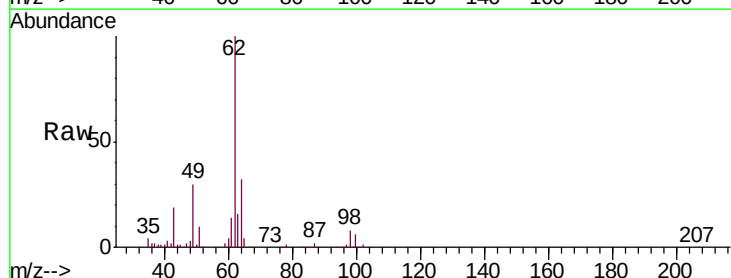
Instrument :
MSVOA_W
ClientSampleId :

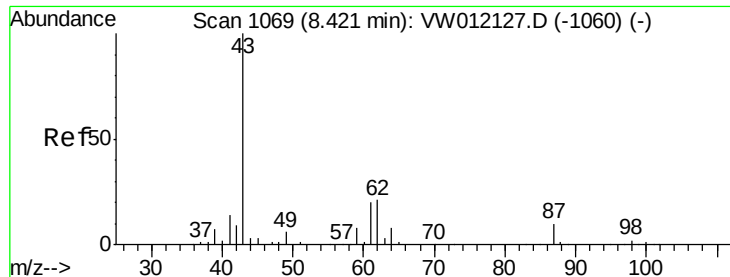
Tot Ion:	41	Resp:	61753
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.8	68.8
67	56.9	46.2	69.4
52	25.9	21.0	31.6



#42
1,2-Dichloroethane
Concen: 54.318 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion:	62	Resp:	168346
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.826 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

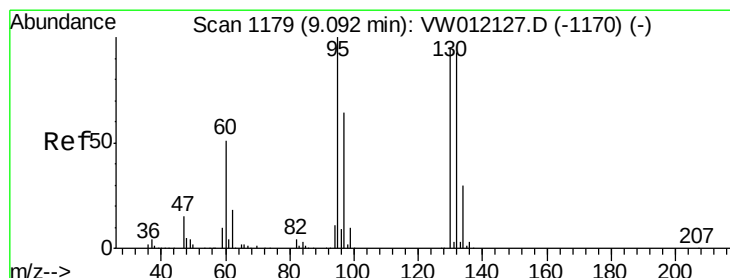
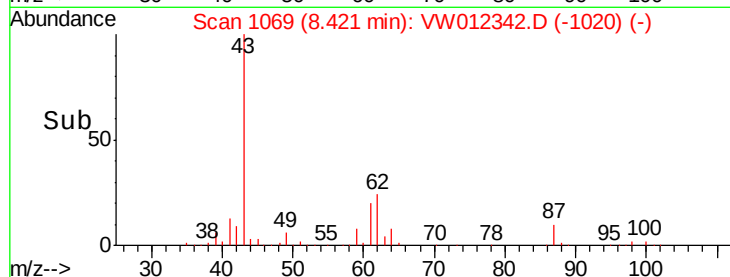
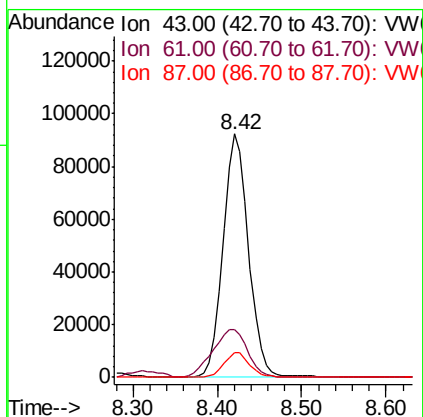
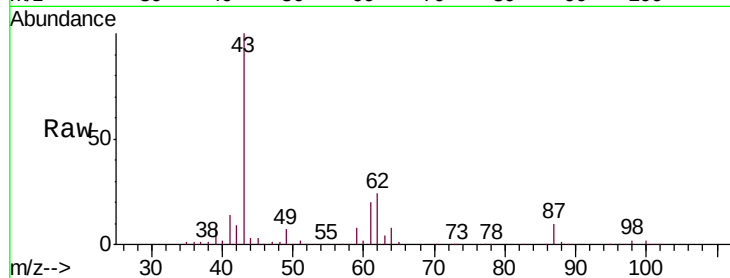
Tot Ion: 43 Resp: 190515

Ion Ratio Lower Upper

43 100

61 27.1 21.1 31.7

87 10.3 8.2 12.2



#44

Trichloroethene

Concen: 56.451 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012342.D

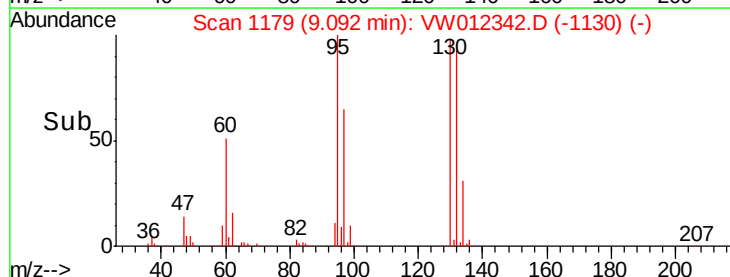
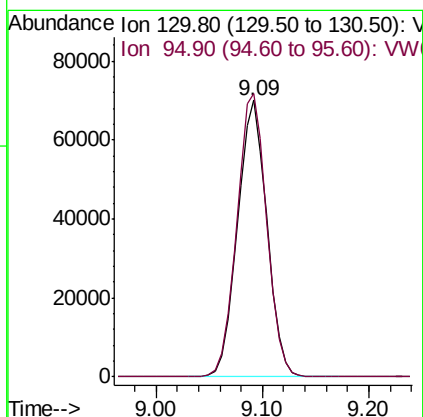
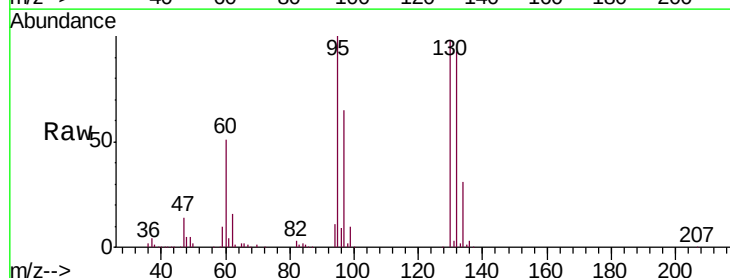
Acq: 30 Aug 2019 09:30

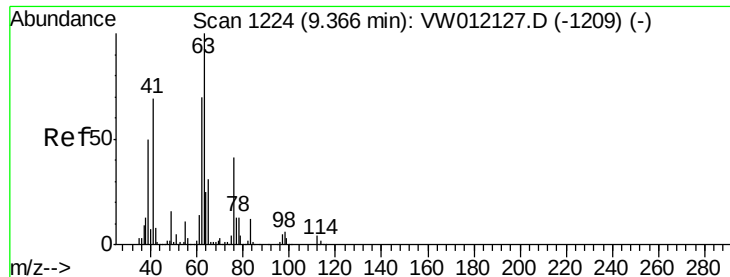
Tgt Ion: 130 Resp: 135706

Ion Ratio Lower Upper

130 100

95 102.3 0.0 210.6

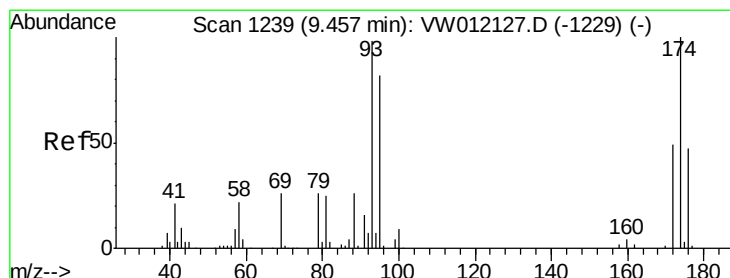
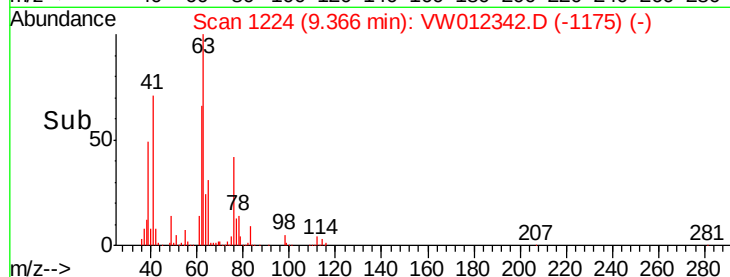
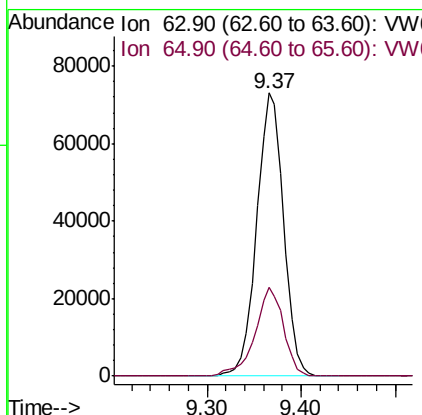
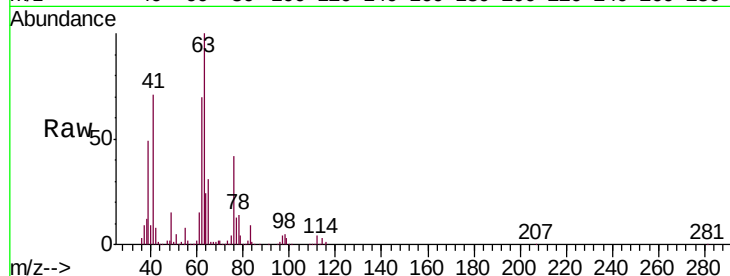




#45
 1,2-Dichloropropane
 Concen: 55.096 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

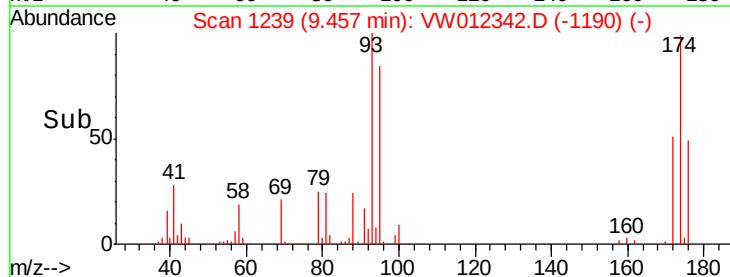
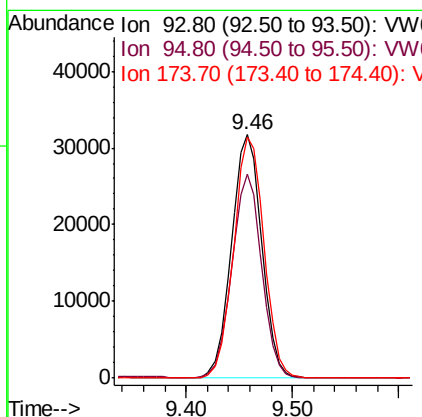
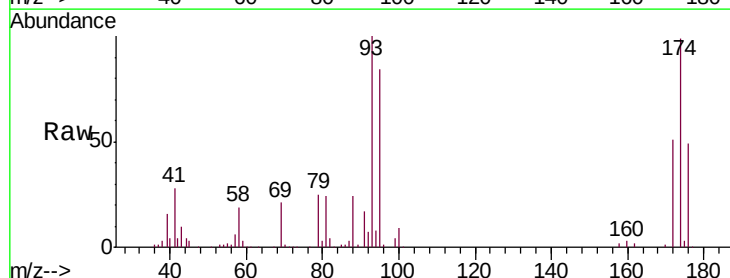
Instrument :
 MSVOA_W
 ClientSampleId :

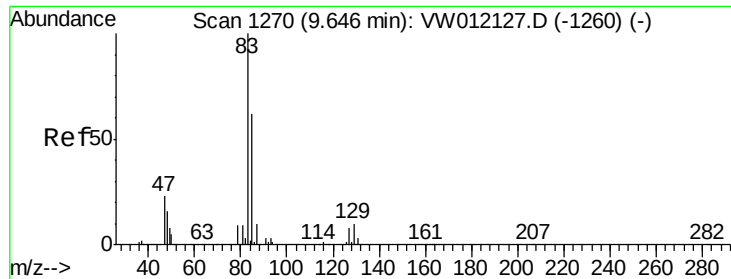
Tot Ion: 63 Resp: 146634
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 53.363 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 93 Resp: 63189
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 99.3 79.0 118.6





#47

Bromodichloromethane

Concen: 55.049 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

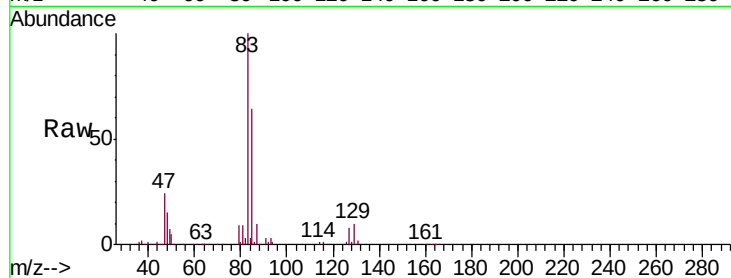
Tot Ion: 83 Resp: 173487

Ion Ratio Lower Upper

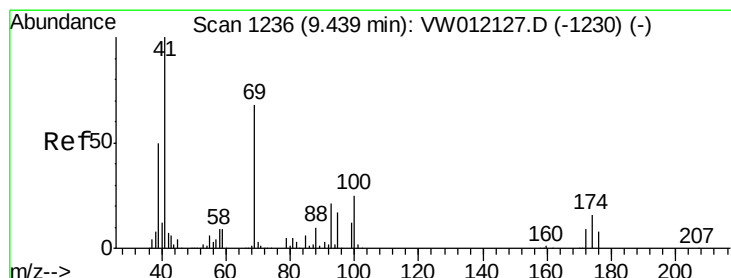
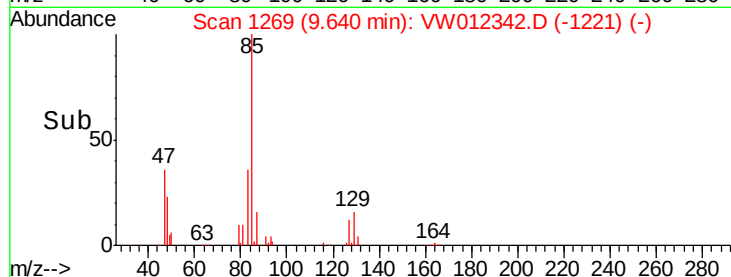
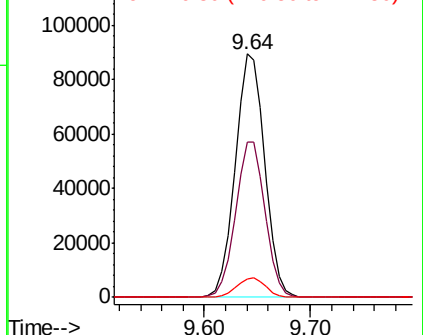
83 100

85 64.0 49.4 74.2

127 7.6 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.487 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

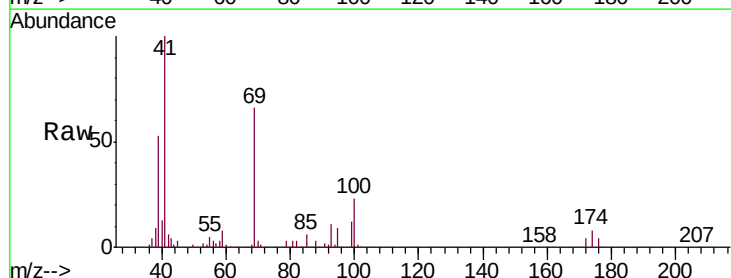
Tgt Ion: 41 Resp: 91831

Ion Ratio Lower Upper

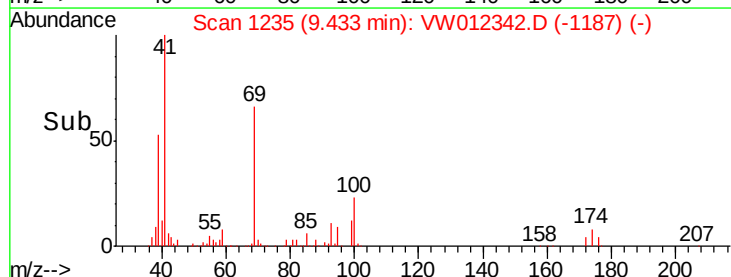
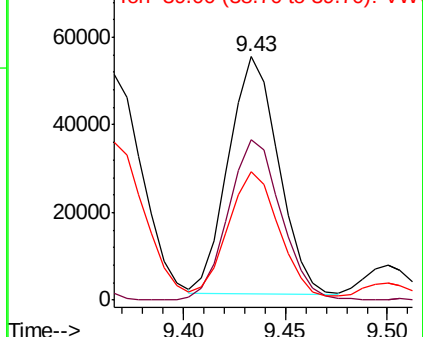
41 100

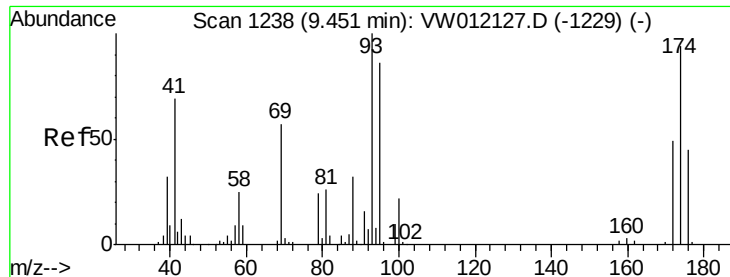
69 71.6 56.7 85.1

39 52.7 42.0 63.0



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 930.835 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampled :

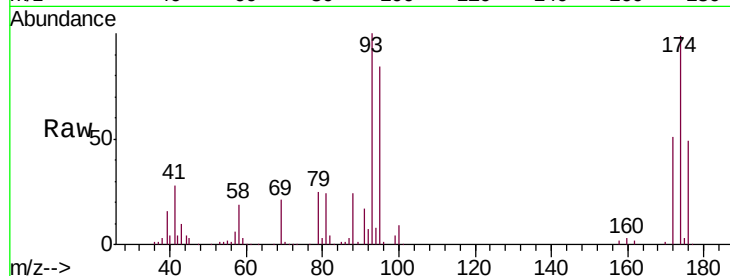
Tot Ion: 88 Resp: 16874

Ion Ratio Lower Upper

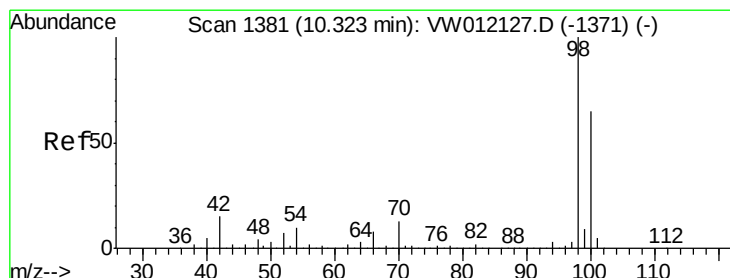
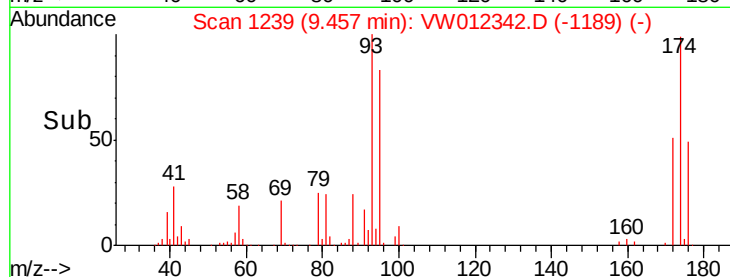
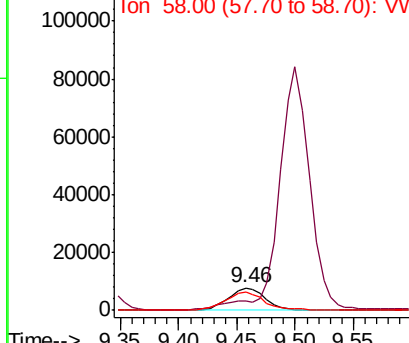
88 100

43 0.0 32.9 49.3#

58 87.3 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.194 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012342.D

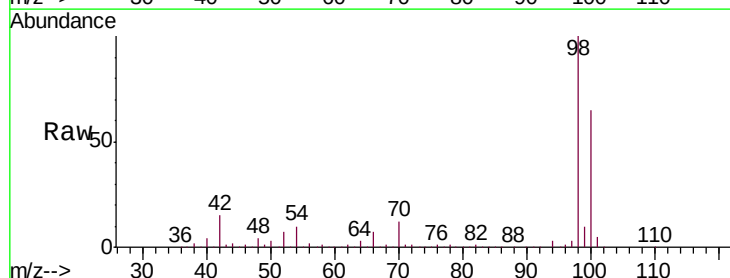
Acq: 30 Aug 2019 09:30

Tgt Ion: 98 Resp: 451186

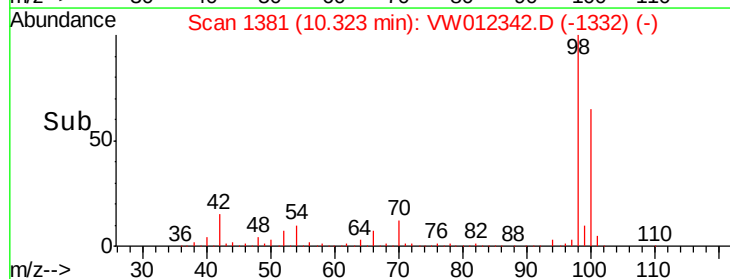
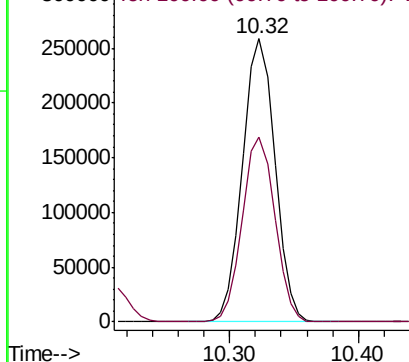
Ion Ratio Lower Upper

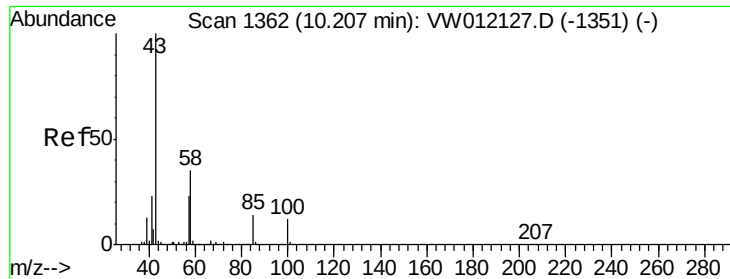
98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

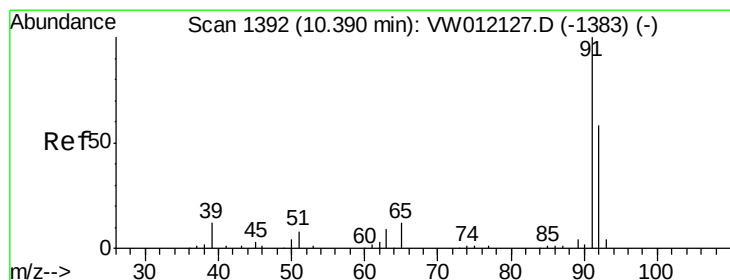
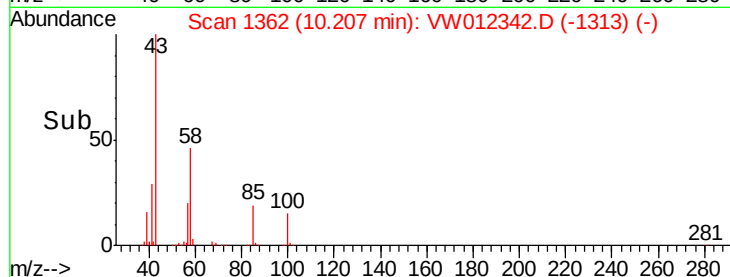
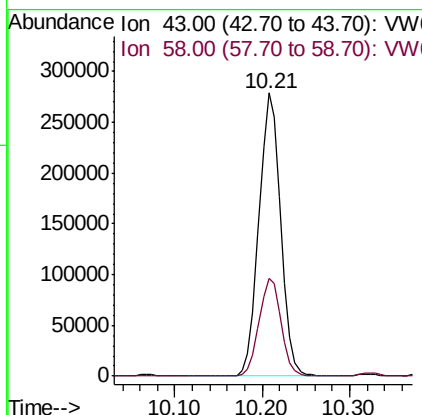
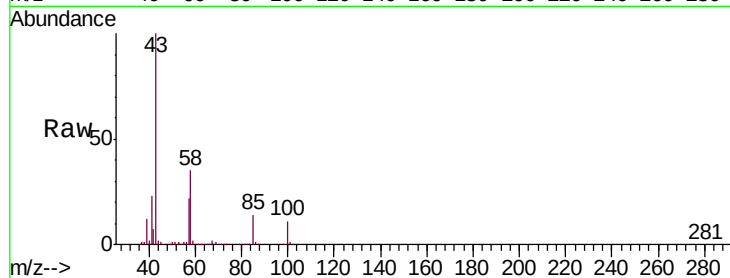




#51
 4-Methyl-2-Pentanone
 Concen: 258.616 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

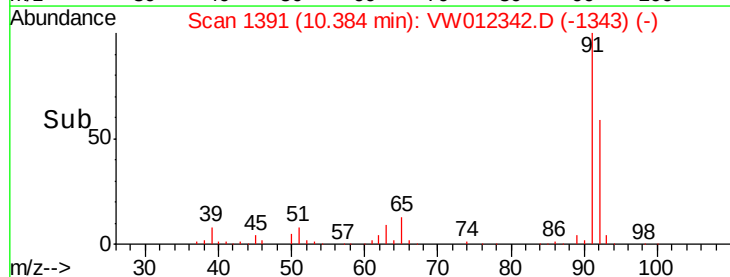
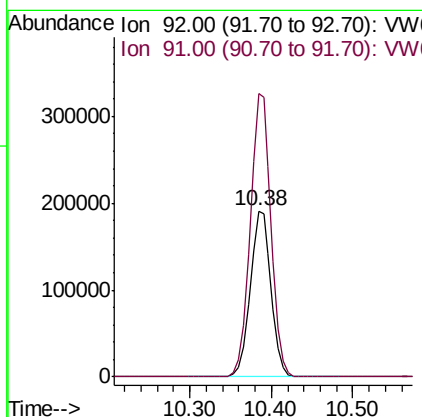
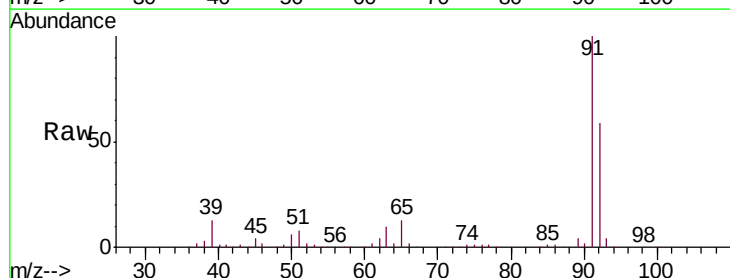
Instrument :
 MSVOA_W
 ClientSampleId :

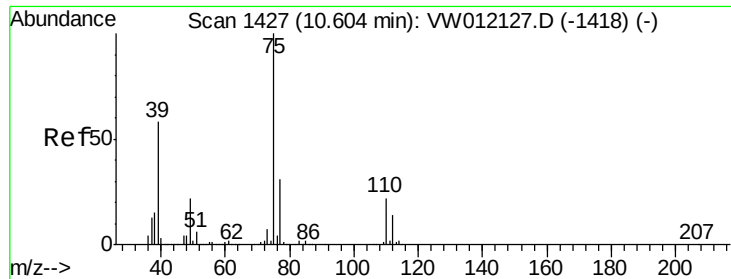
Tot Ion: 43 Resp: 483545
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.2 42.2



#52
 Toluene
 Concen: 56.958 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 92 Resp: 338372
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 55.178 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

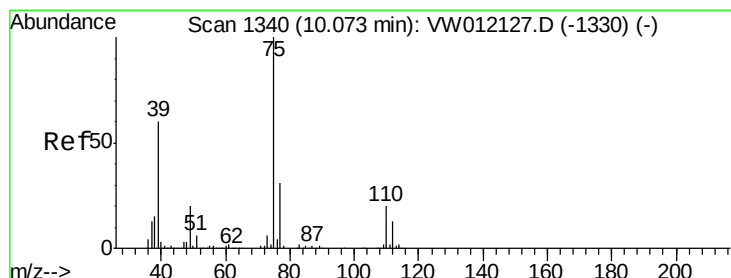
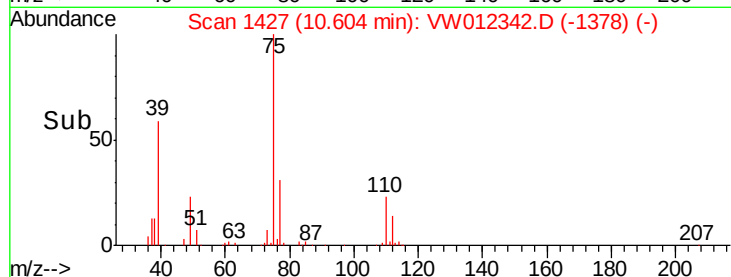
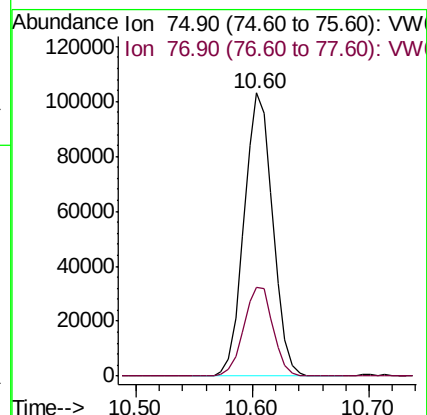
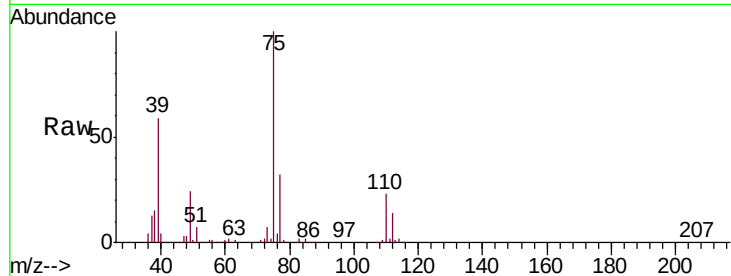
ClientSampleId :

Tot Ion: 75 Resp: 177133

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 55.854 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

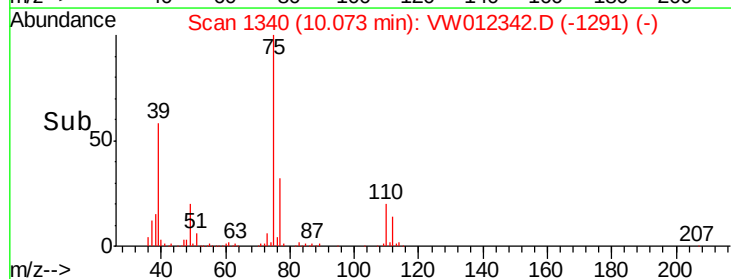
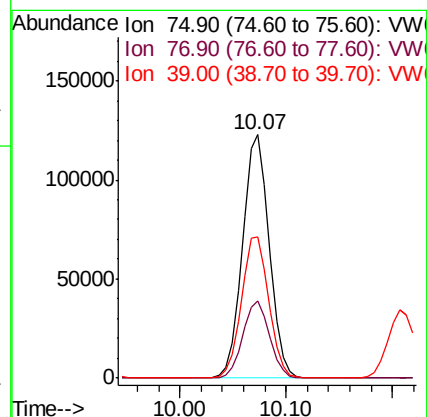
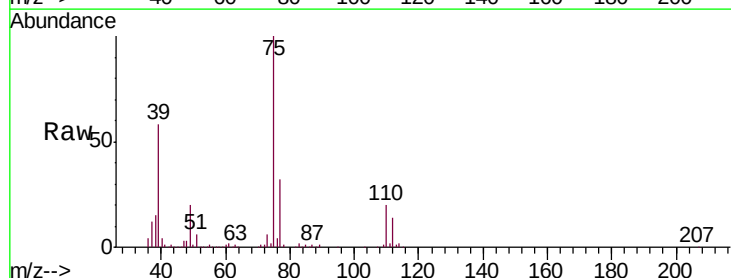
Tgt Ion: 75 Resp: 216496

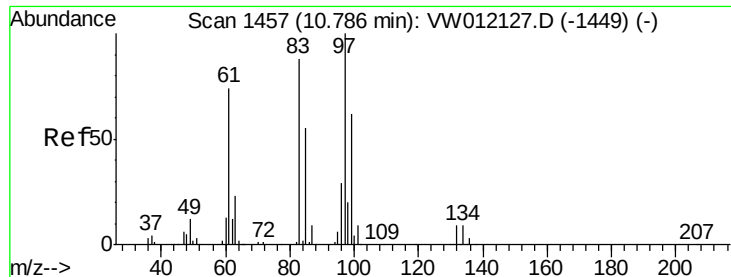
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 58.0 48.3 72.5

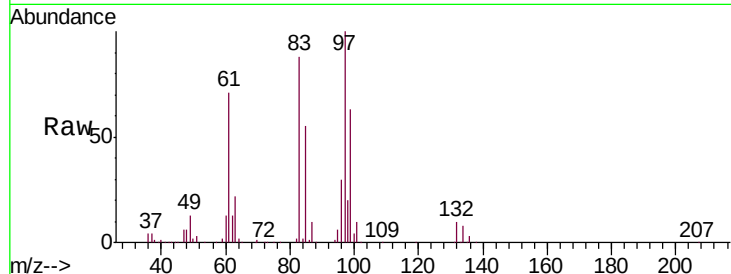




#55
 1,1,2-Trichloroethane
 Concen: 53.185 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	89106
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.8	106.2
85	55.5	43.8	65.8
99	63.1	49.8	74.6



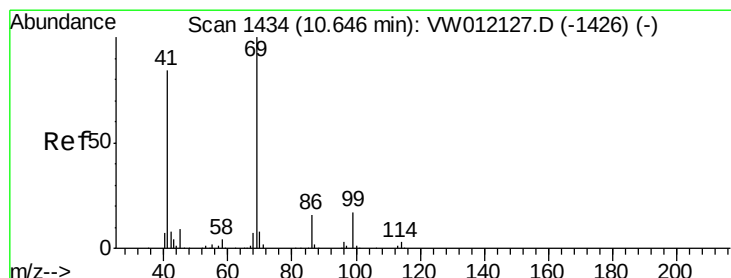
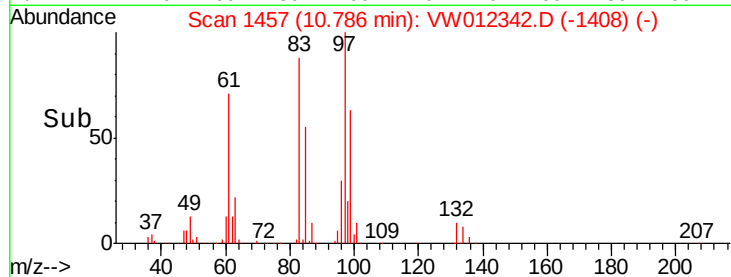
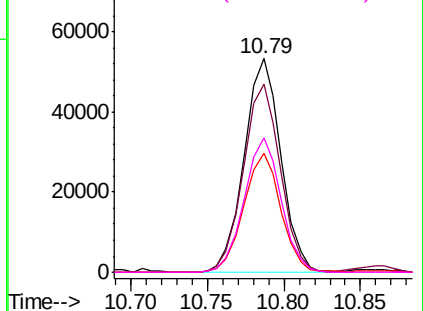
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

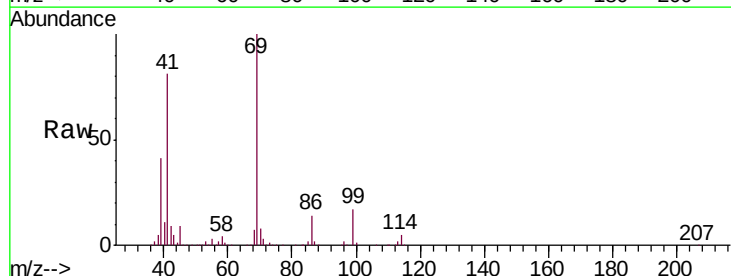
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 53.850 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion:	69	Resp:	131308
Ion	Ratio	Lower	Upper
69	100		
41	82.4	66.5	99.7
39	38.2	31.0	46.4

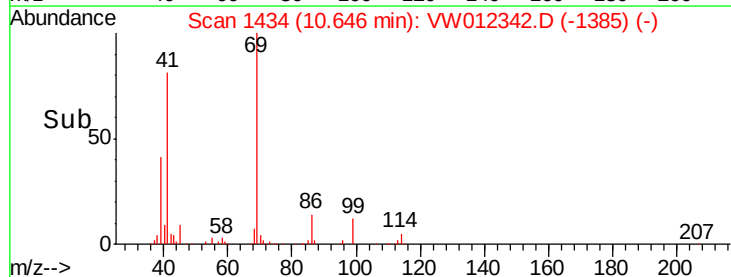
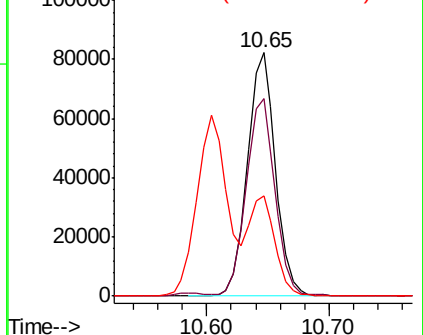


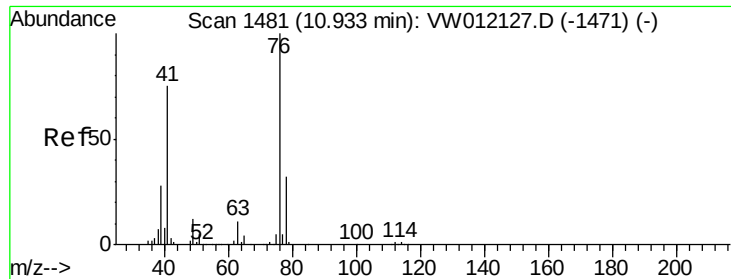
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

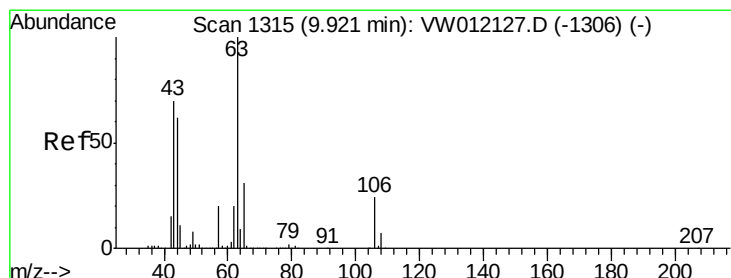
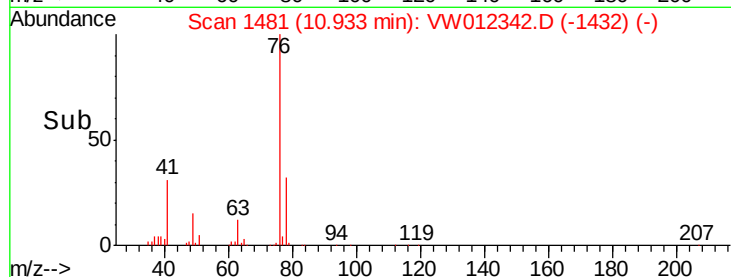
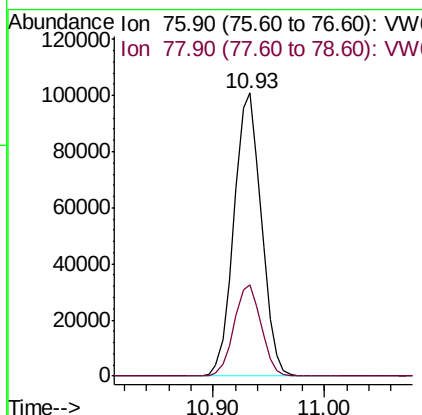
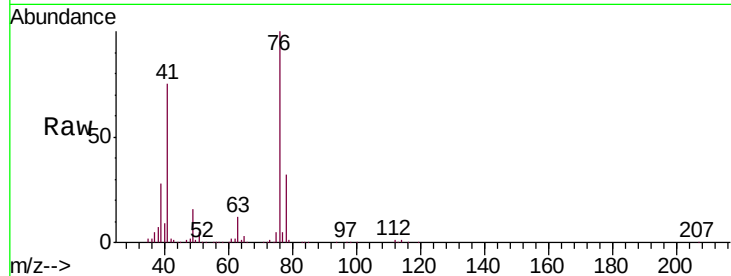




#57
 1,3-Dichloropropane
 Concen: 54.259 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

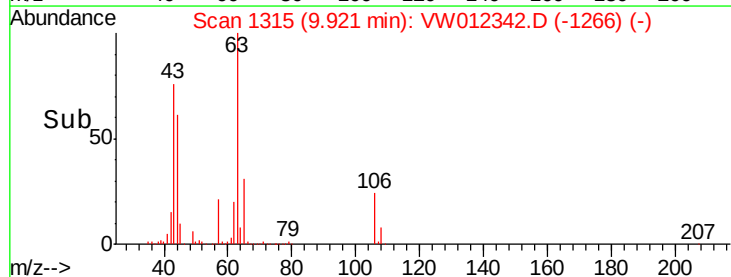
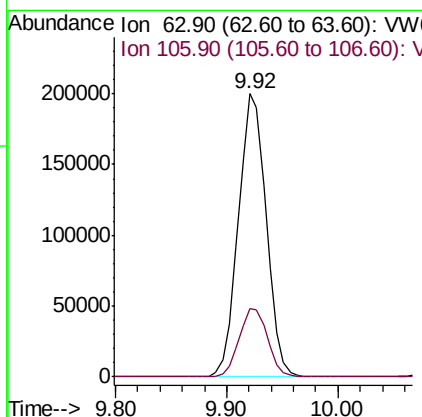
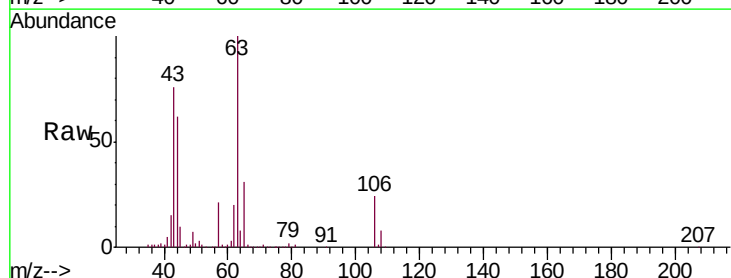
Instrument :
 MSVOA_W
 ClientSampled :

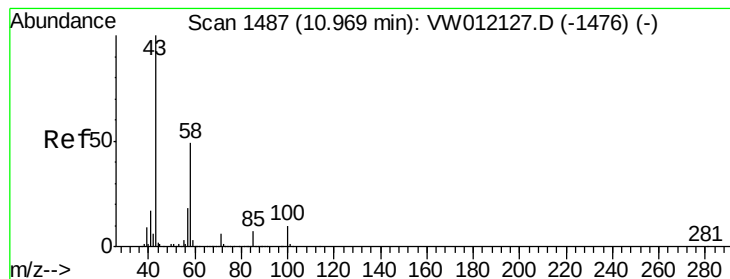
Tot Ion: 76 Resp: 171789
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.195 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 63 Resp: 345641
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8





#59

2-Hexanone

Concen: 259.048 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

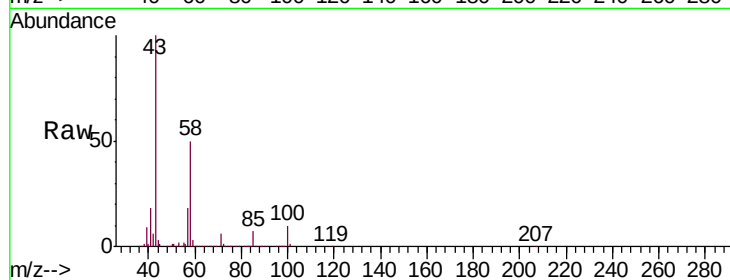
ClientSampleId :

Tot Ion: 43 Resp: 342711

Ion Ratio Lower Upper

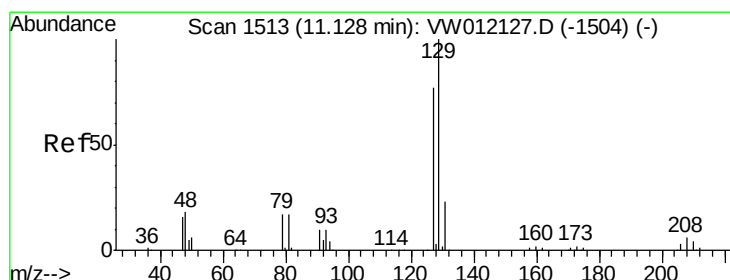
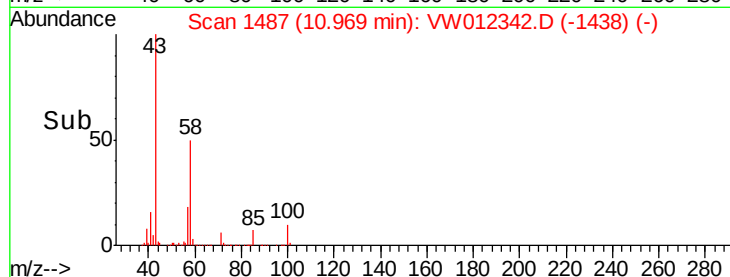
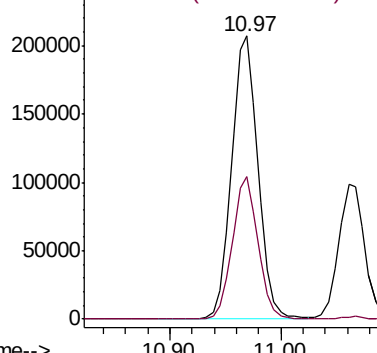
43 100

58 48.9 24.3 72.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 55.632 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012342.D

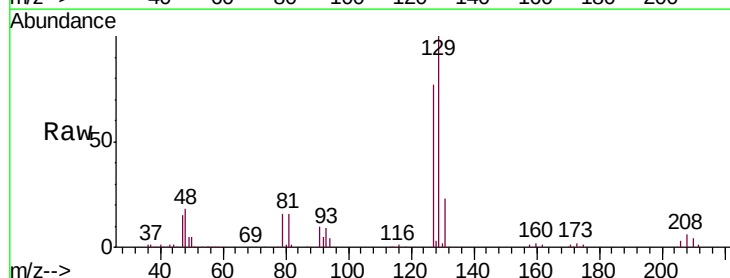
Acq: 30 Aug 2019 09:30

Tgt Ion:129 Resp: 103815

Ion Ratio Lower Upper

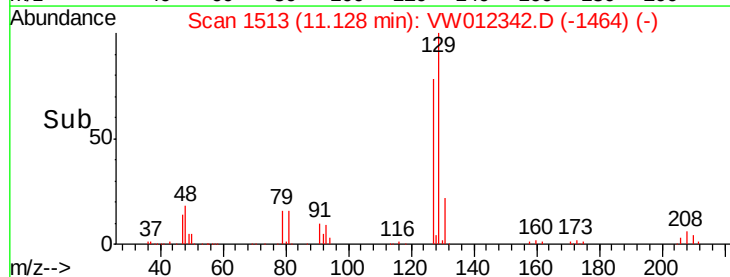
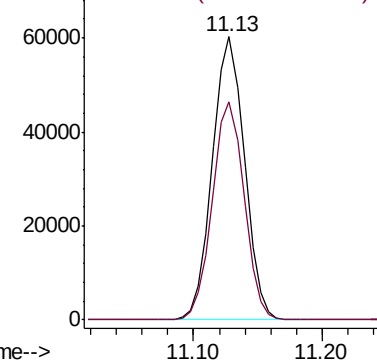
129 100

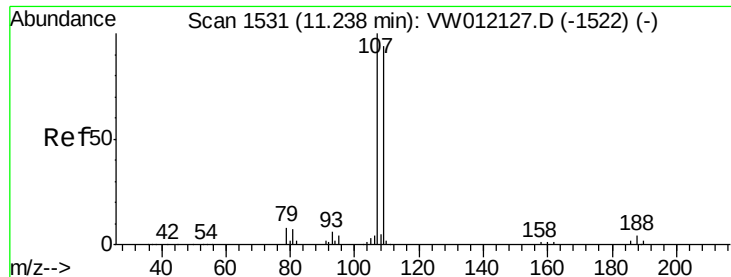
127 76.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

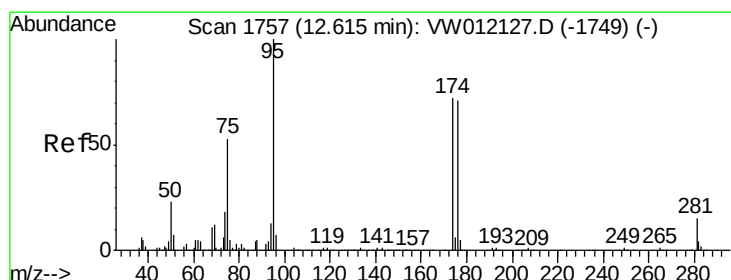
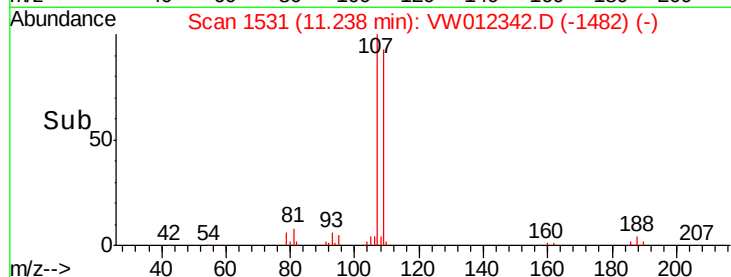
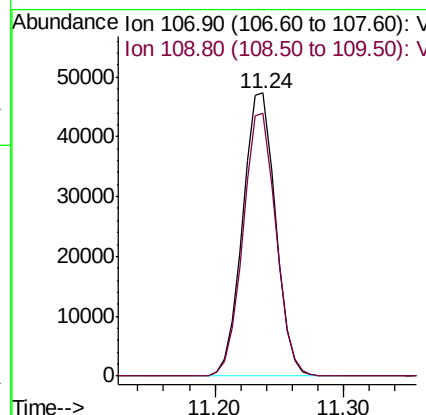
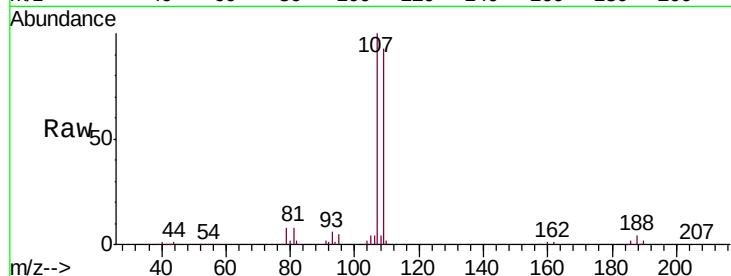




#61
 1,2-Dibromoethane
 Concen: 53.422 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

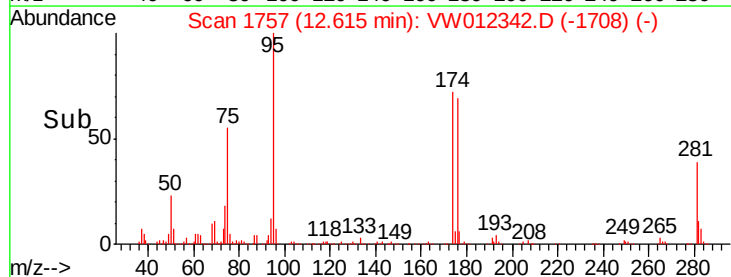
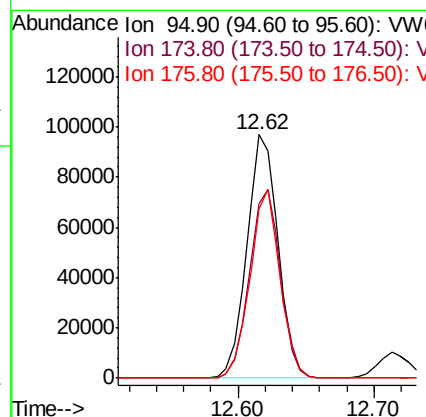
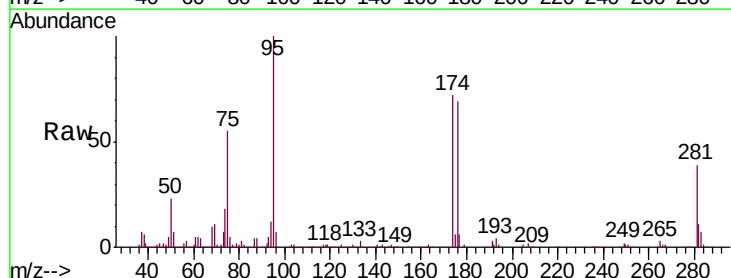
Instrument :
 MSVOA_W
 ClientSampled :

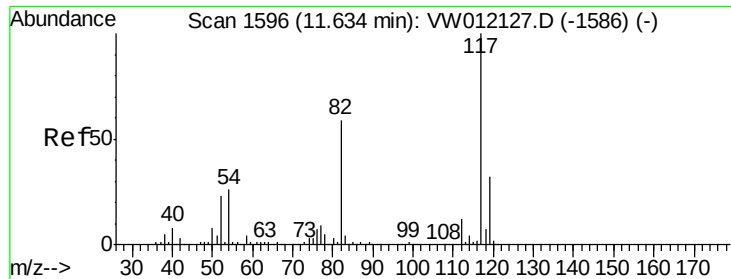
Tot Ion: 107 Resp: 83383
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.917 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion: 95 Resp: 155227
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 150.8
 176 74.5 0.0 148.6

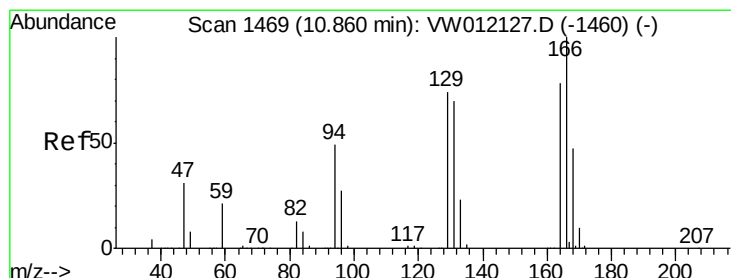
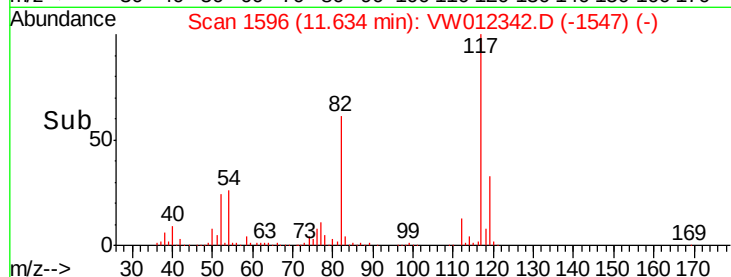
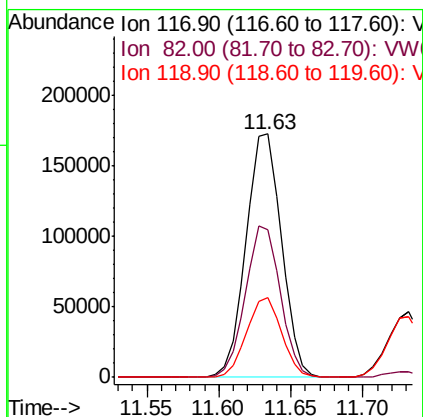
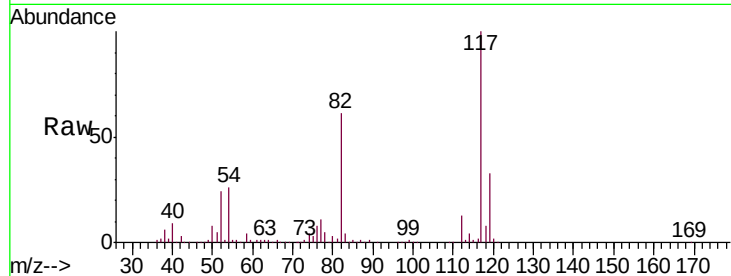




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

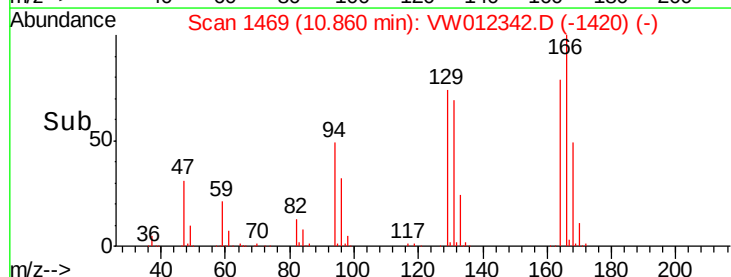
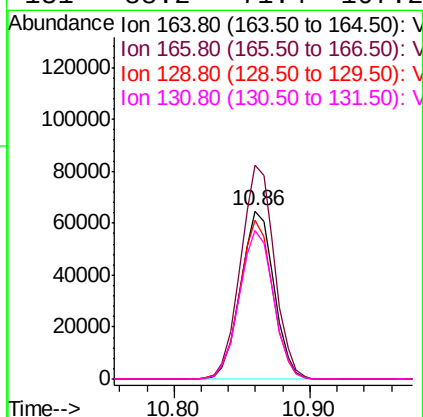
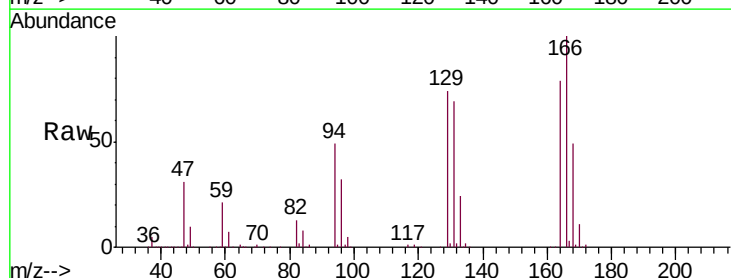
Instrument :
MSVOA_W
ClientSampled :

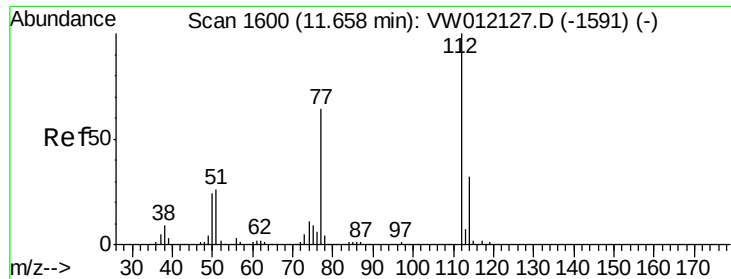
Tot Ion:117 Resp: 294445
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 58.236 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion:164 Resp: 111170
Ion Ratio Lower Upper
164 100
166 127.0 102.4 153.6
129 94.5 75.8 113.6
131 88.2 71.4 107.2

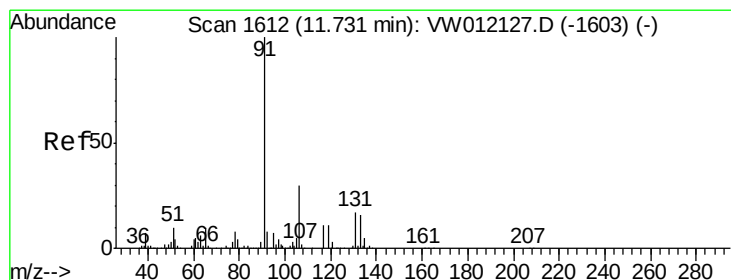
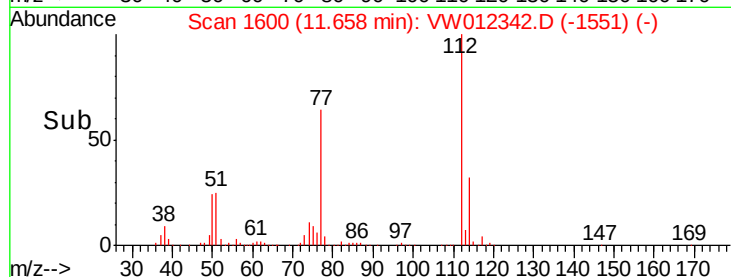
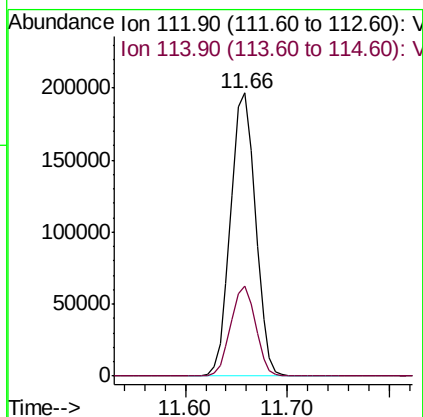
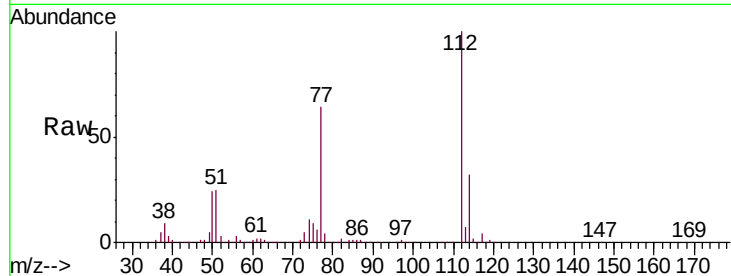




#65
Chlorobenzene
Concen: 57.222 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

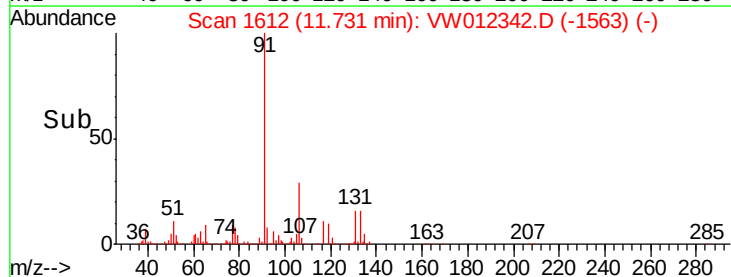
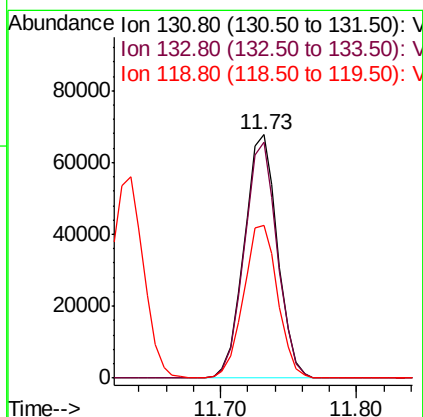
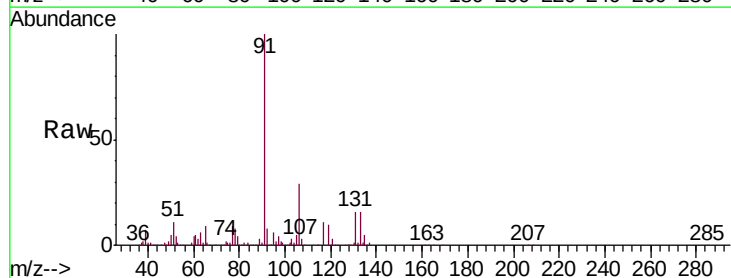
Instrument :
MSVOA_W
ClientSampleId :

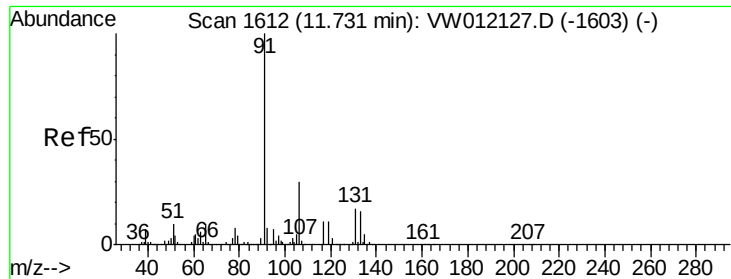
Tot Ion:112 Resp: 331766
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.391 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion:131 Resp: 116082
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 64.5 31.8 95.3





#67

Ethyl Benzene

Concen: 58.897 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

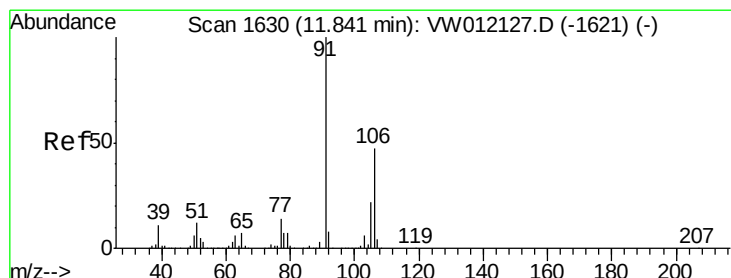
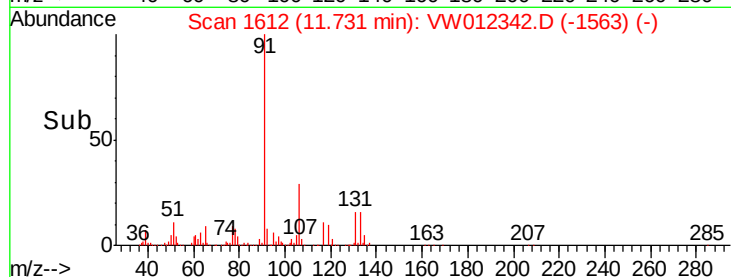
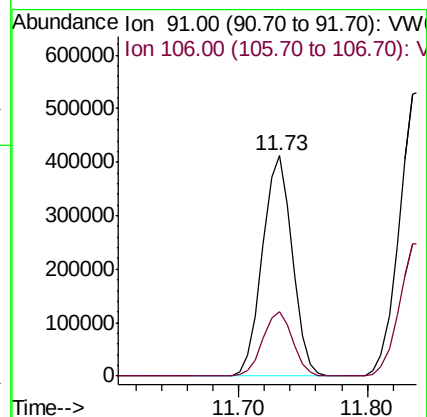
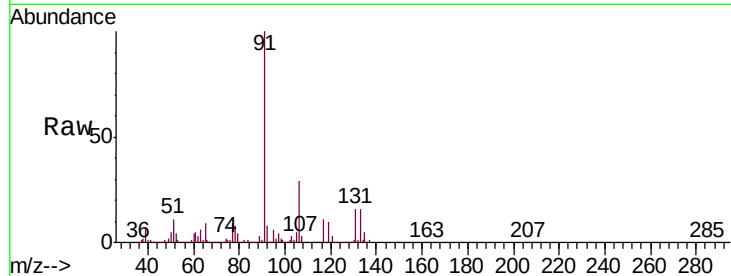
ClientSampled :

Tot Ion: 91 Resp: 657799

Ion Ratio Lower Upper

91 100

106 29.2 24.3 36.5



#68

m/p-Xylenes

Concen: 117.875 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012342.D

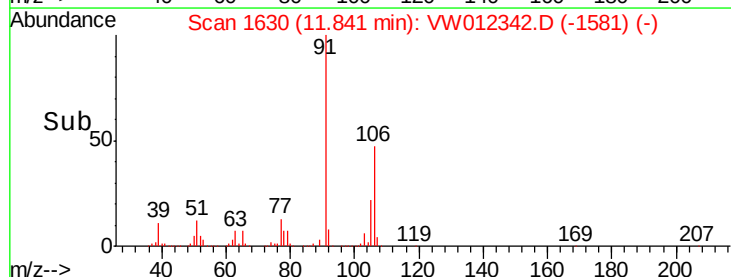
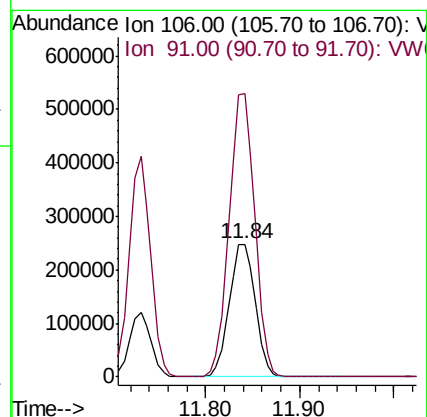
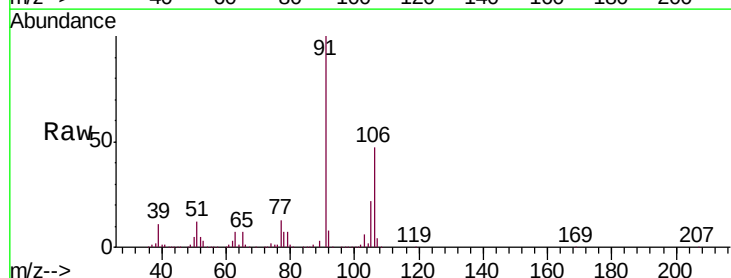
Acq: 30 Aug 2019 09:30

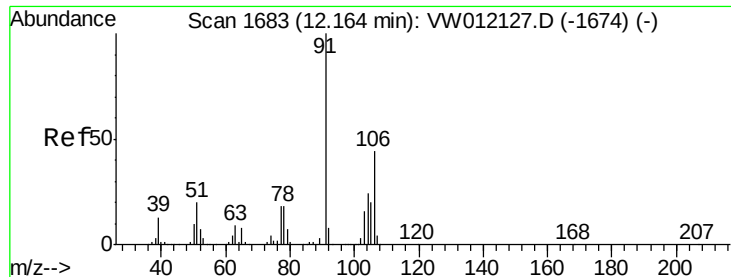
Tgt Ion: 106 Resp: 474217

Ion Ratio Lower Upper

106 100

91 210.9 169.5 254.3

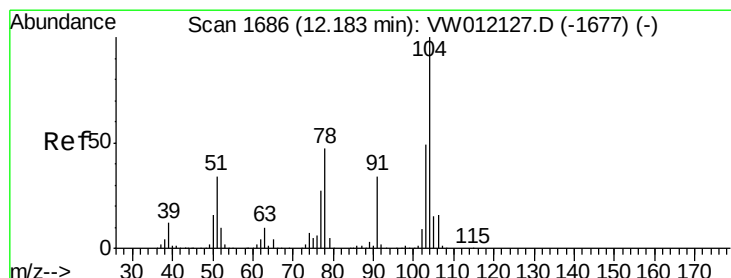
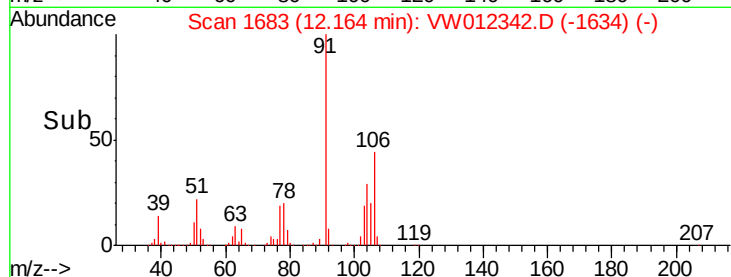
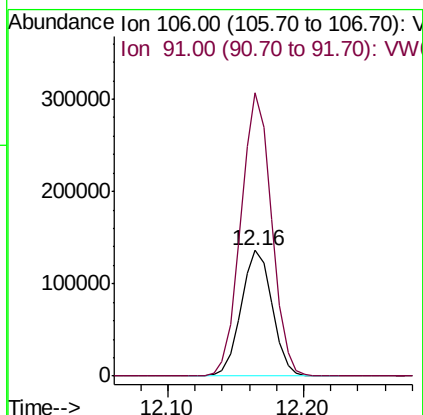
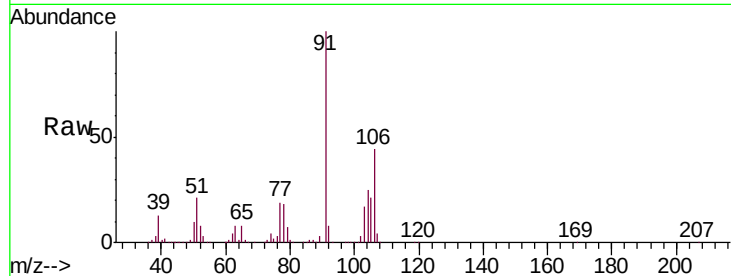




#69
o-Xylene
Concen: 58.397 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

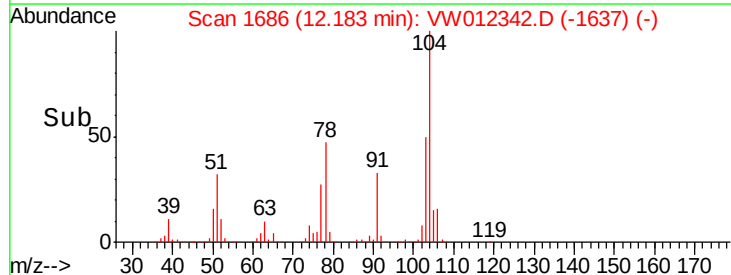
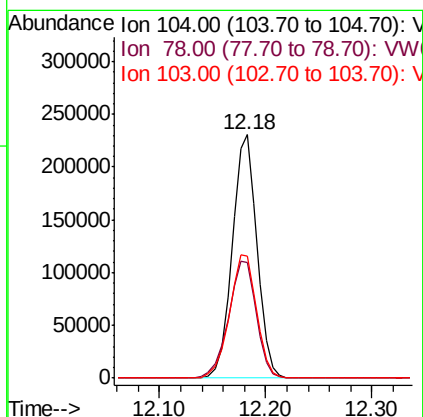
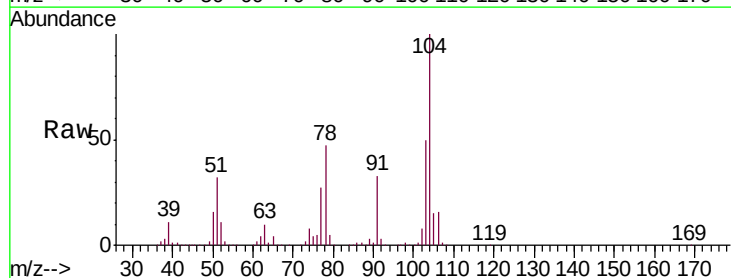
Instrument :
MSVOA_W
ClientSampled :

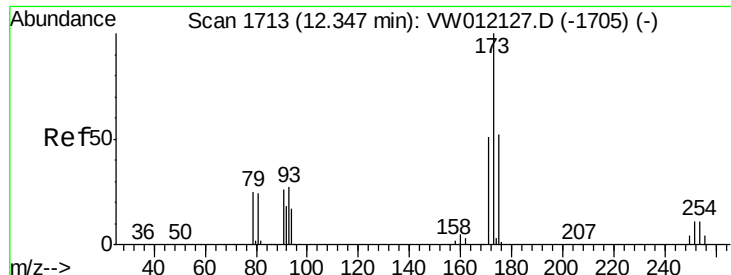
Tot Ion:106 Resp: 217439
Ion Ratio Lower Upper
106 100
91 222.7 111.6 334.6



#70
Styrene
Concen: 58.085 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion:104 Resp: 374358
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.5 43.5 65.3





#71

Bromoform

Concen: 55.099 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

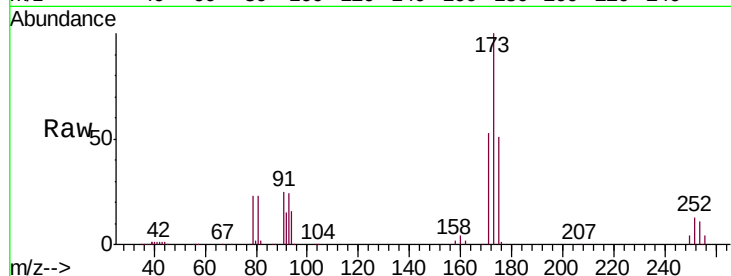
Tot Ion:173 Resp: 55525

Ion Ratio Lower Upper

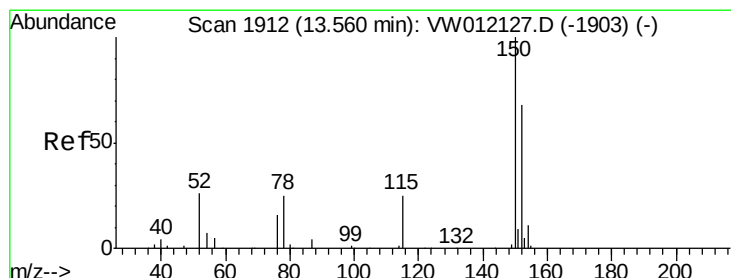
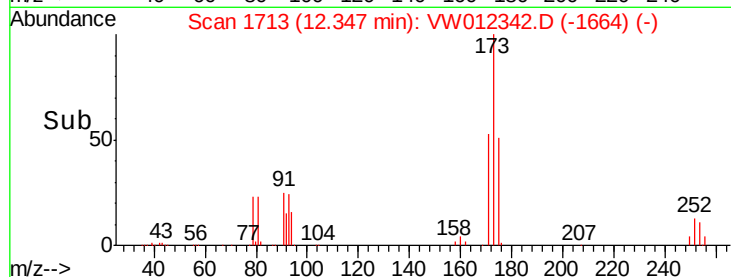
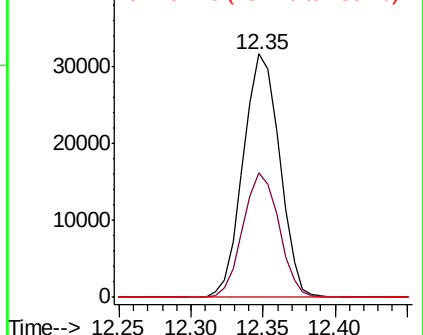
173 100

175 50.6 24.6 74.0

254 0.2 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: VW012342.D

Acq: 30 Aug 2019 09:30

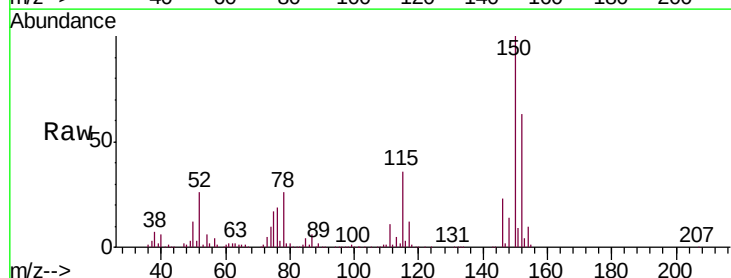
Tgt Ion:152 Resp: 139886

Ion Ratio Lower Upper

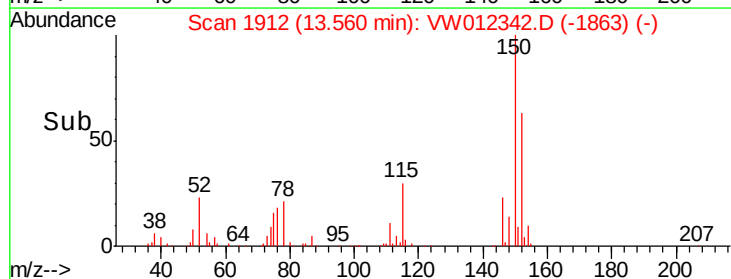
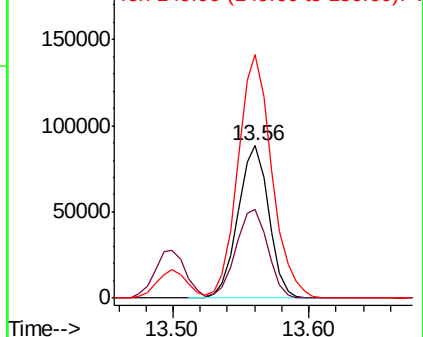
152 100

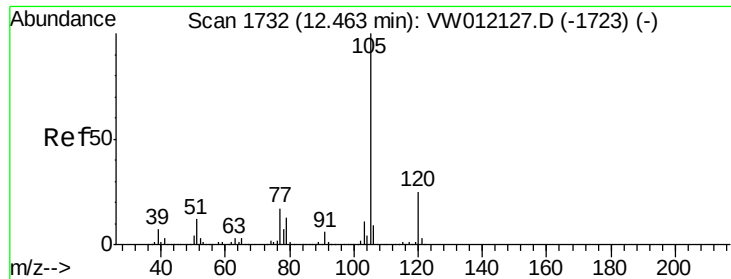
115 60.4 30.1 90.3

150 175.3 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: 59.389 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

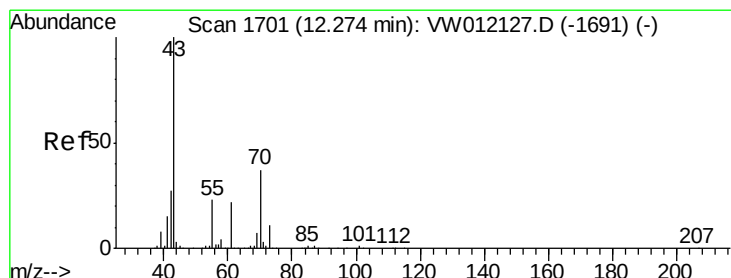
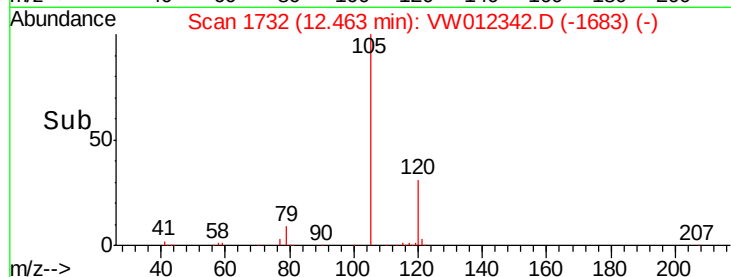
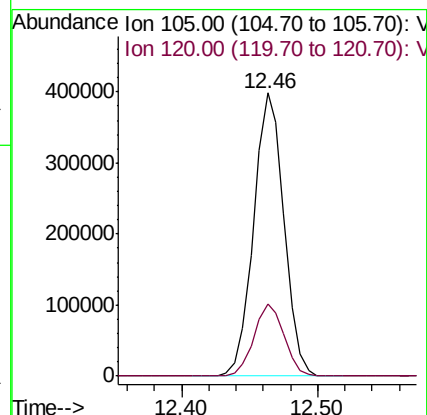
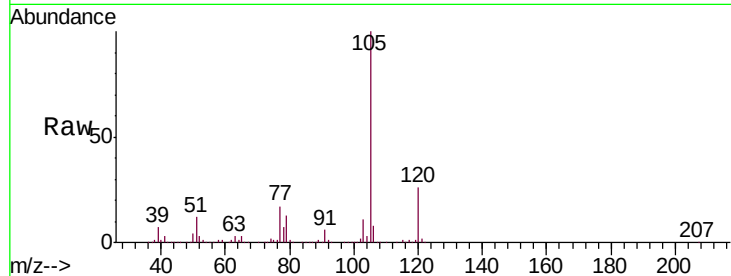
ClientSampled :

Tot Ion:105 Resp: 622505

Ion Ratio Lower Upper

105 100

120 25.6 12.5 37.5



#74

N-ethyl acetate

Concen: 54.176 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Tgt Ion: 43 Resp: 171569

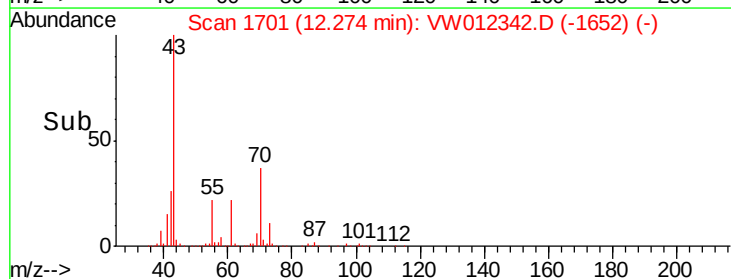
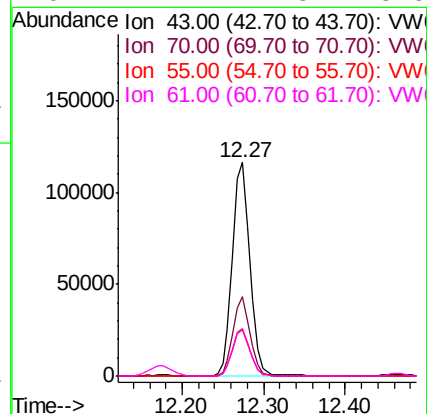
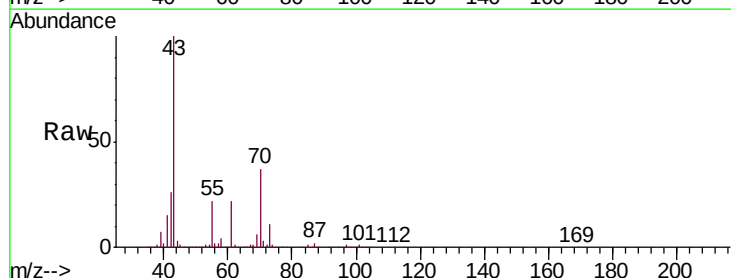
Ion Ratio Lower Upper

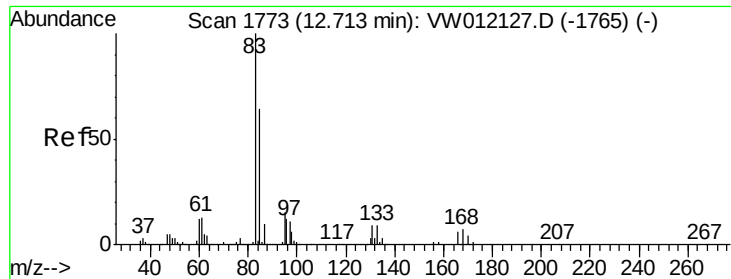
43 100

70 36.4 28.6 43.0

55 22.3 17.8 26.6

61 21.7 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.360 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

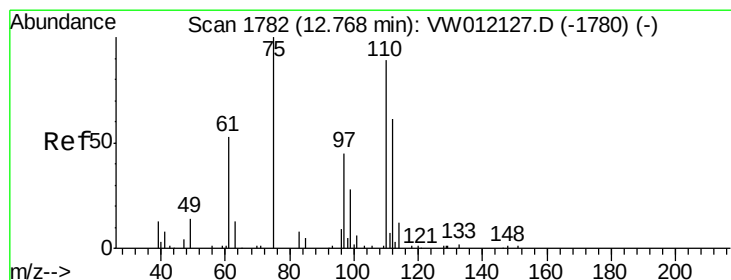
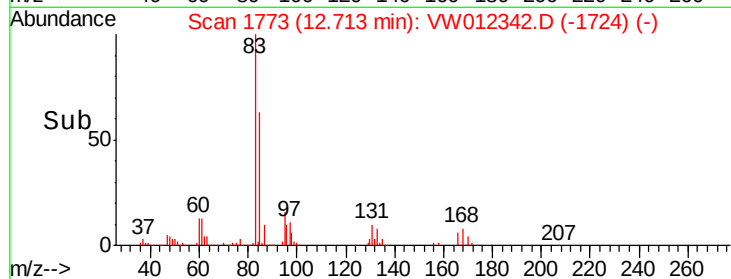
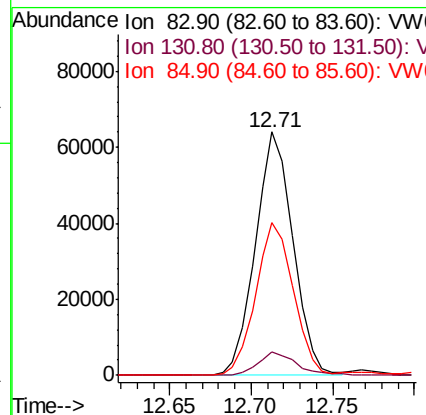
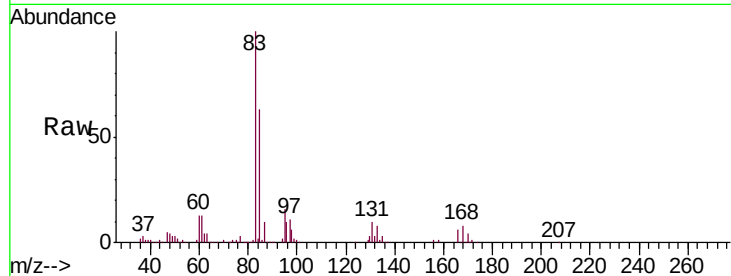
Tot Ion: 83 Resp: 102538

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 63.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 101.638 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012342.D

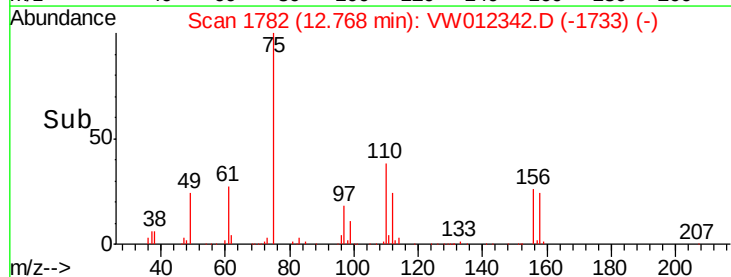
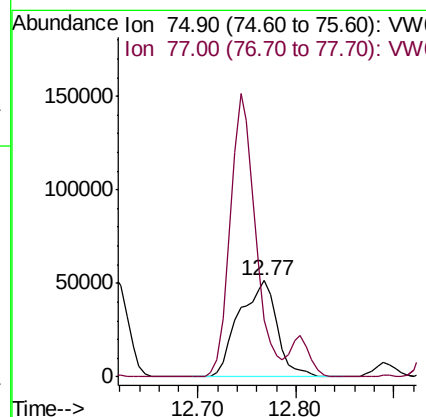
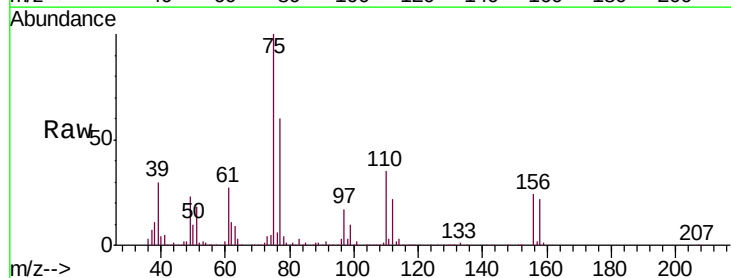
Acq: 30 Aug 2019 09:30

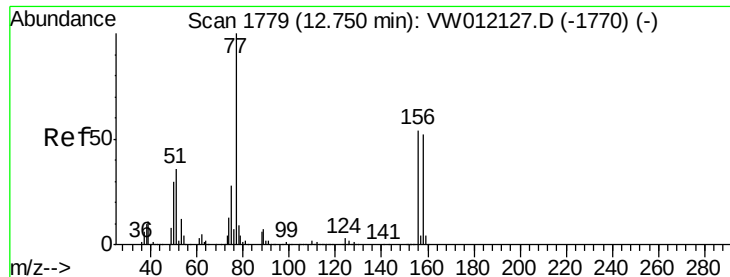
Tgt Ion: 75 Resp: 138471

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.401 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampleId :

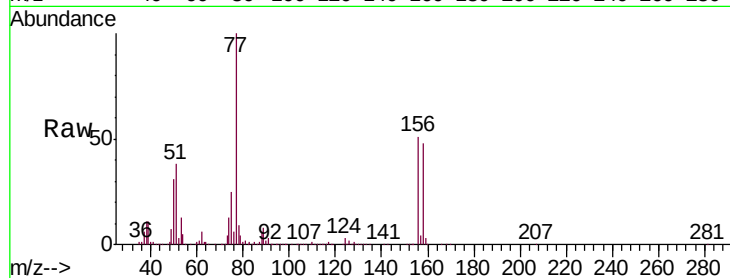
Tot Ion:156 Resp: 130165

Ion Ratio Lower Upper

156 100

77 209.3 107.3 321.8

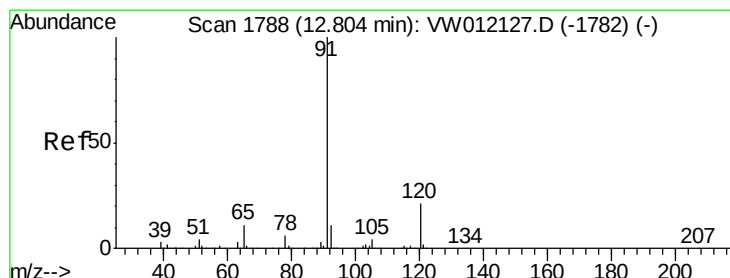
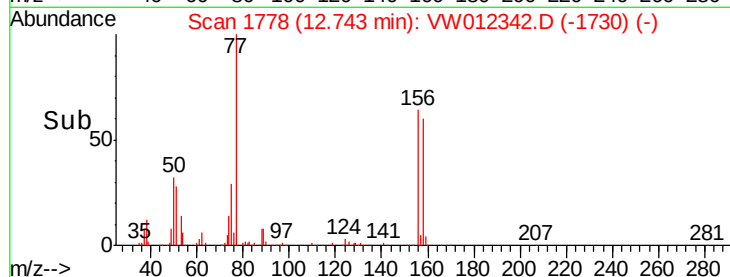
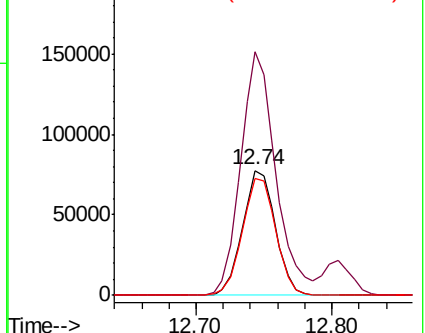
158 95.8 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.232 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012342.D

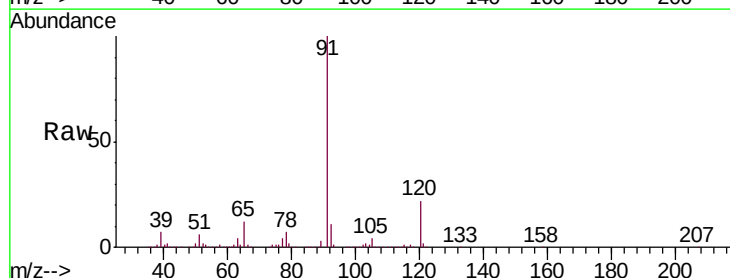
Acq: 30 Aug 2019 09:30

Tgt Ion: 91 Resp: 757949

Ion Ratio Lower Upper

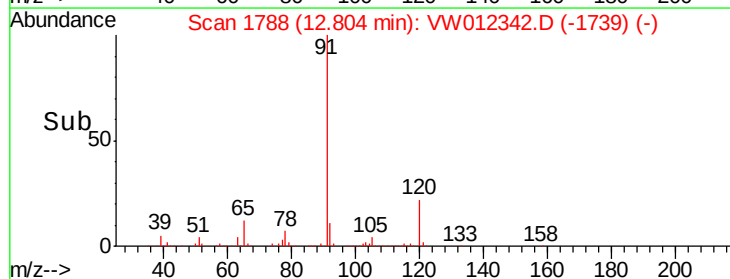
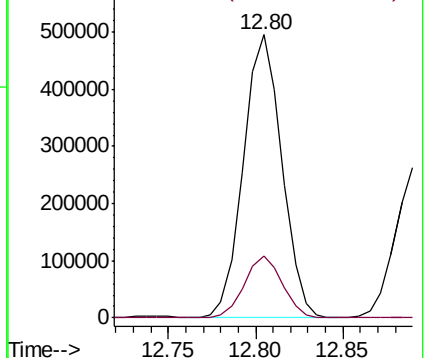
91 100

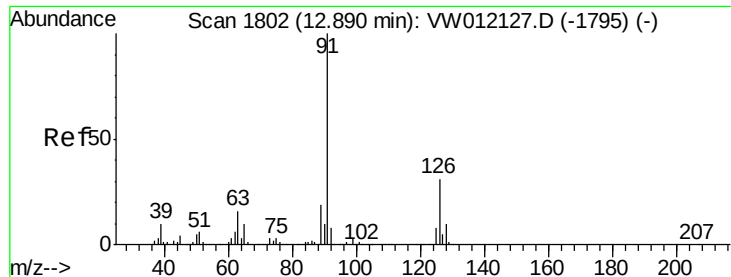
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.225 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

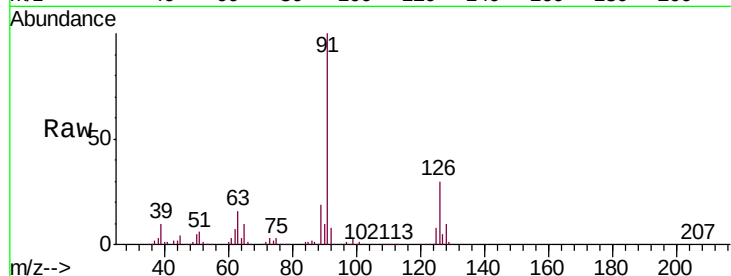
ClientSampled :

Tot Ion: 91 Resp: 423002

Ion Ratio Lower Upper

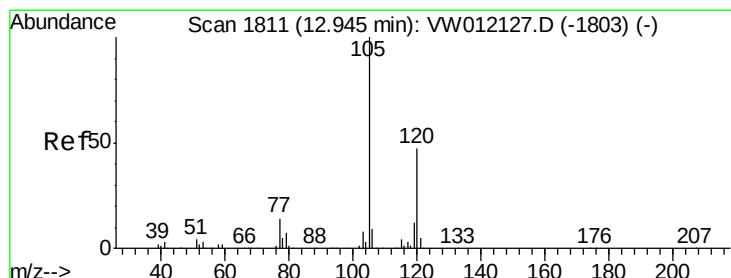
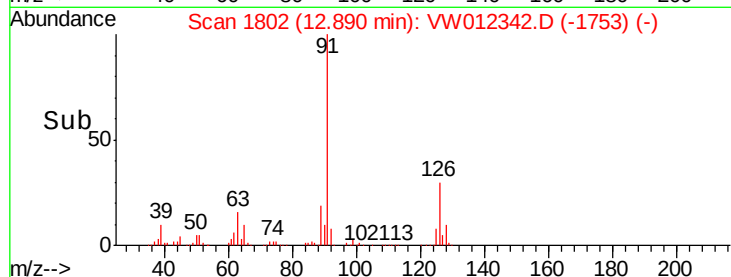
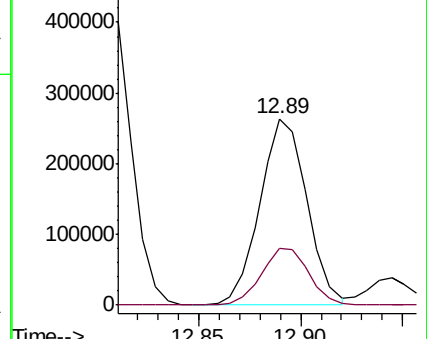
91 100

126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 59.284 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012342.D

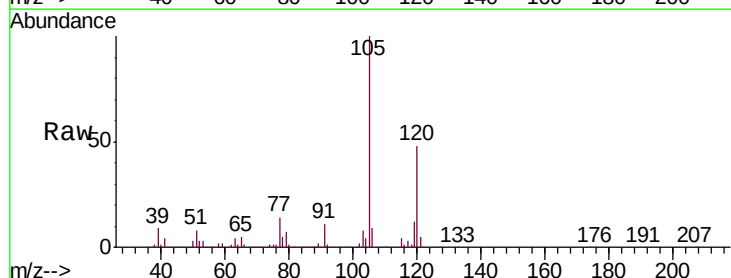
Acq: 30 Aug 2019 09:30

Tgt Ion:105 Resp: 519246

Ion Ratio Lower Upper

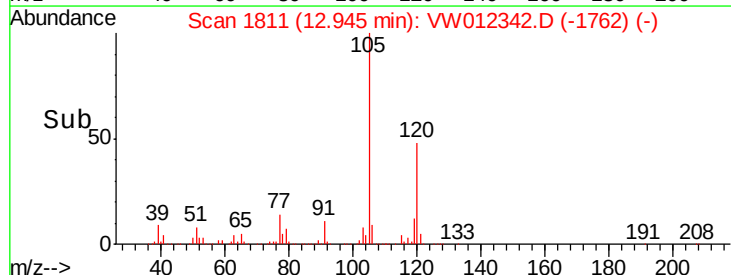
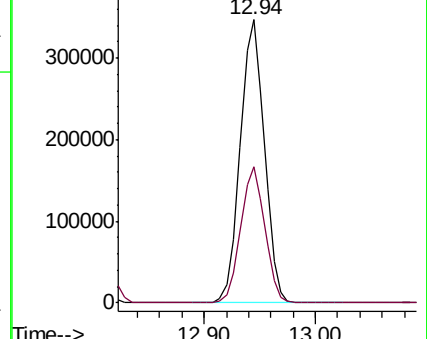
105 100

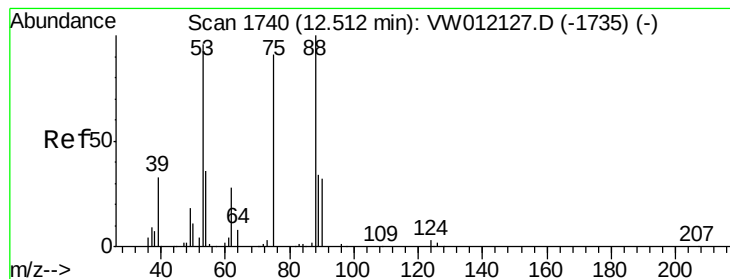
120 48.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.504 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

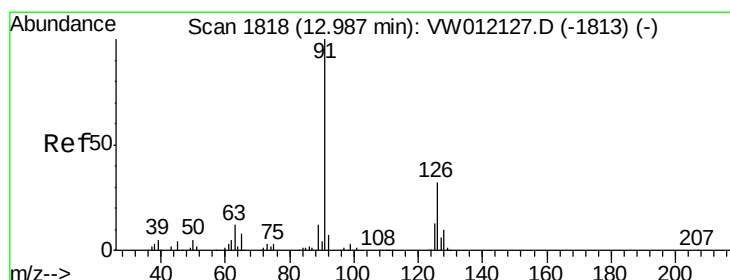
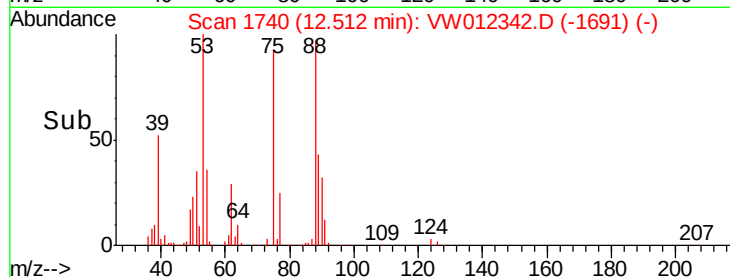
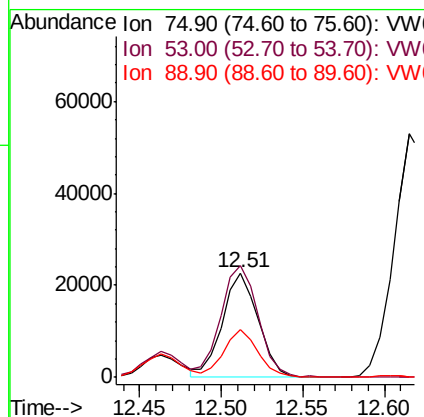
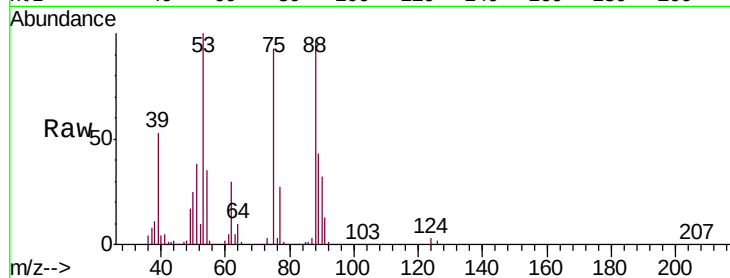
Tot Ion: 75 Resp: 34489

Ion Ratio Lower Upper

75 100

53 112.0 89.4 134.0

89 44.0 34.5 51.7



#82

4-Chlorotoluene

Concen: 58.305 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012342.D

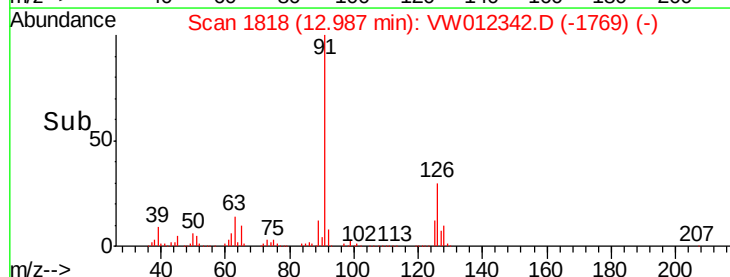
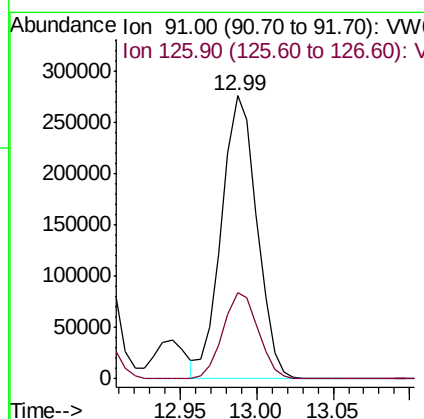
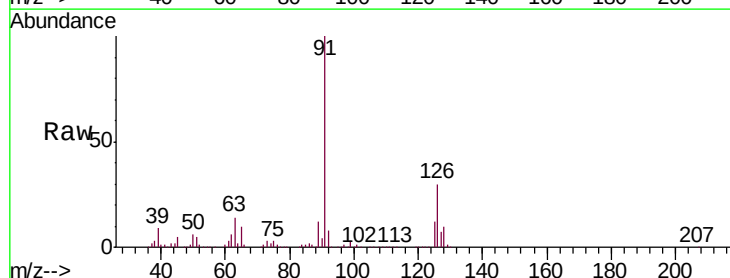
Acq: 30 Aug 2019 09:30

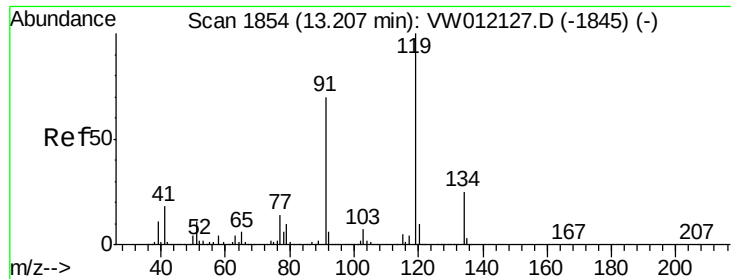
Tgt Ion: 91 Resp: 443520

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8

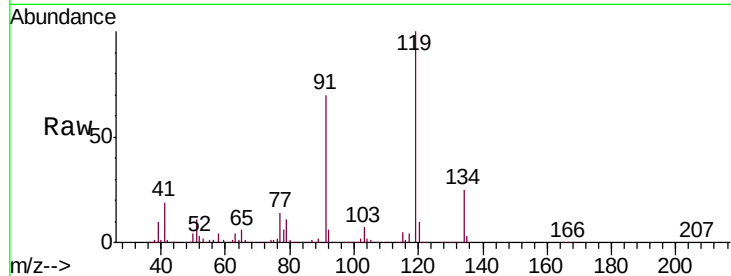




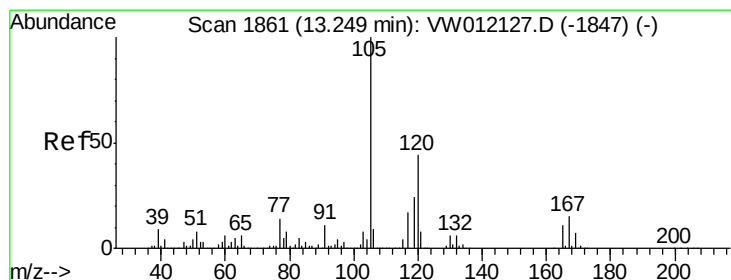
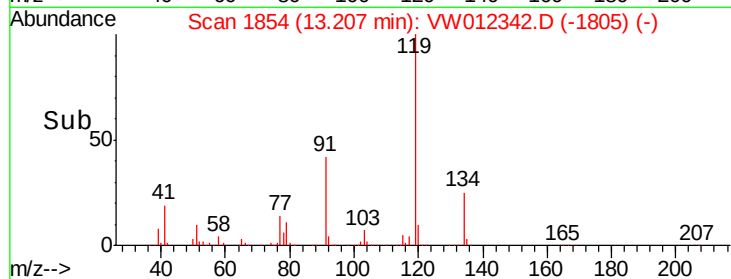
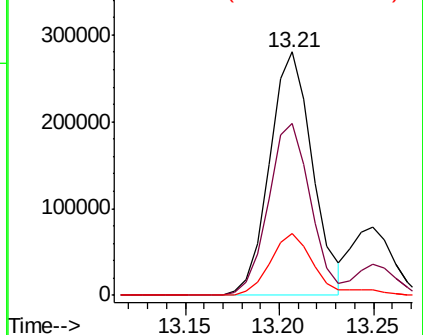
#83
 tert-Butylbenzene
 Concen: 59.720 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:119 Resp: 443081
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.8 104.3
 134 26.6 13.3 39.8

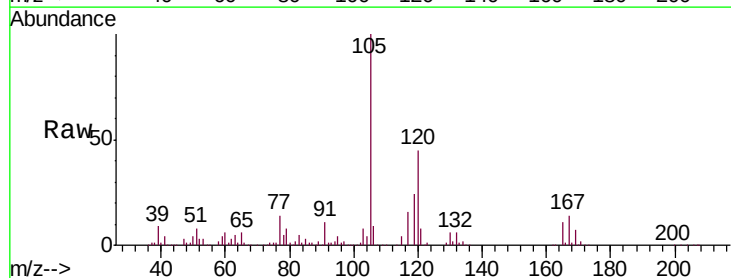


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

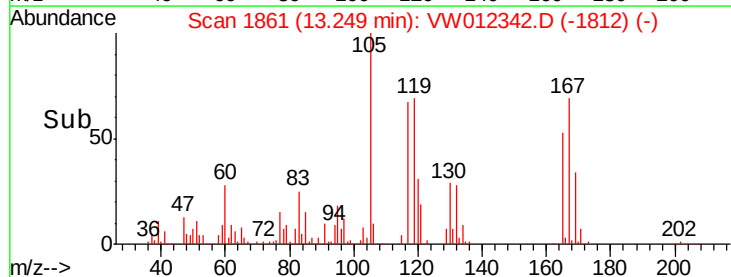
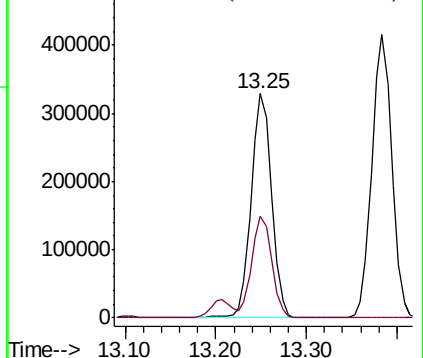


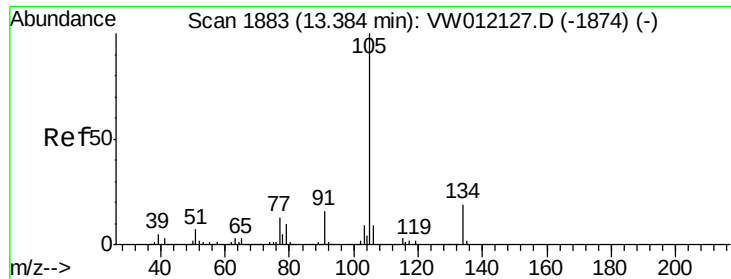
#84
 1,2,4-Trimethylbenzene
 Concen: 58.302 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion:105 Resp: 512958
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 59.673 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

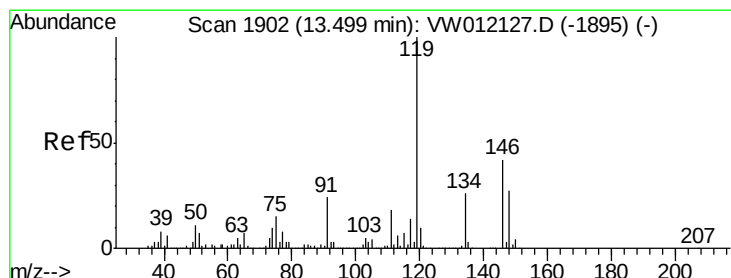
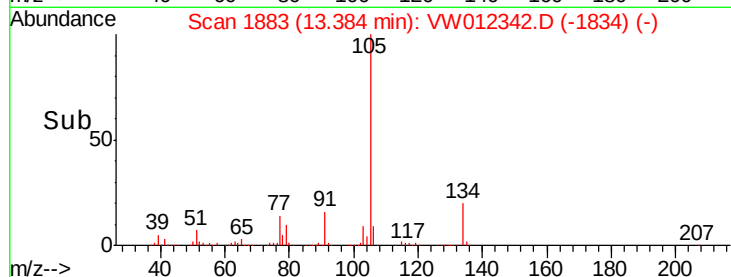
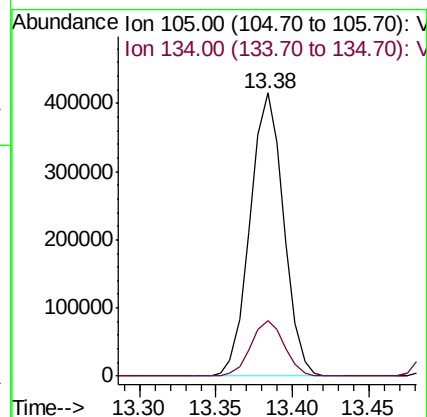
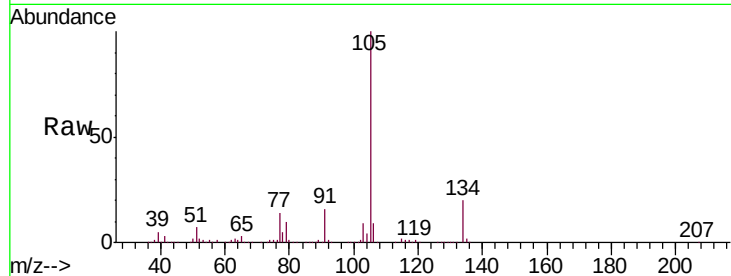
ClientSampleId :

Tot Ion:105 Resp: 634292

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 60.116 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

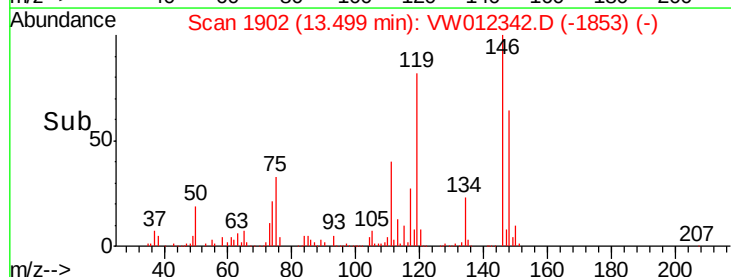
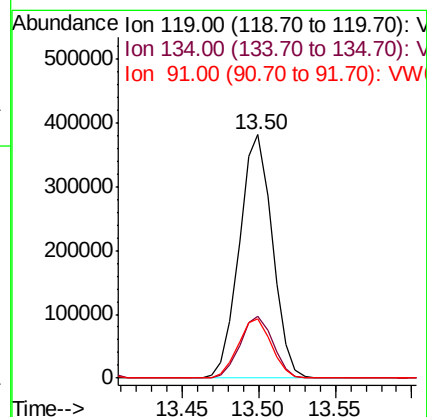
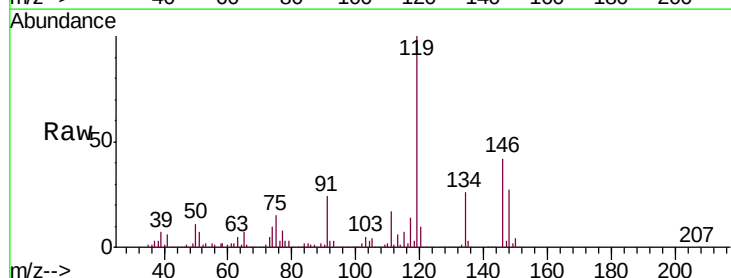
Tgt Ion:119 Resp: 570667

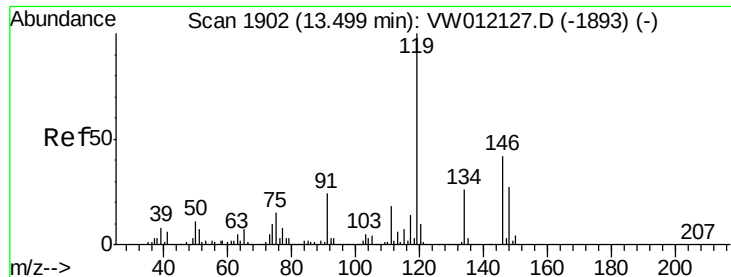
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 24.5 12.3 36.9

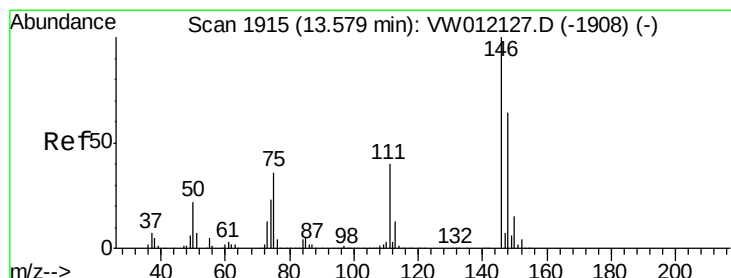
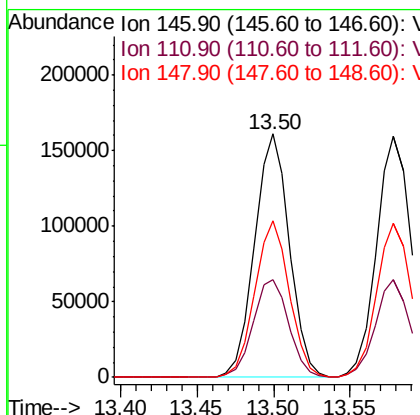
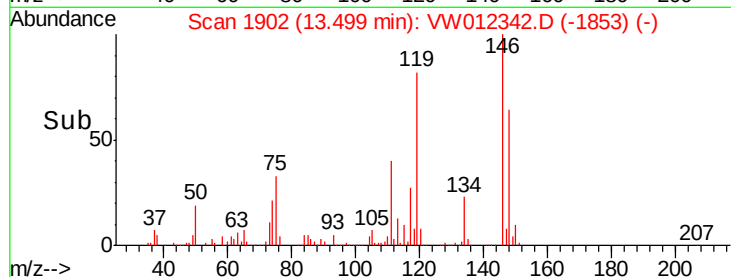
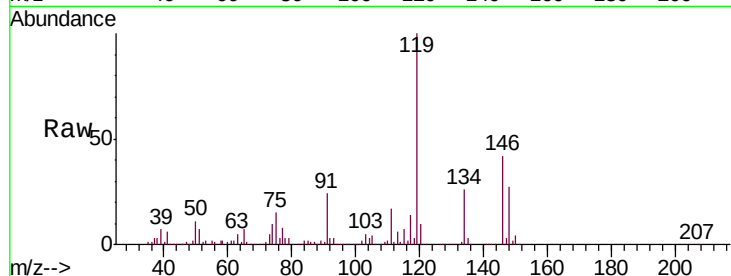




#87
 1,3-Dichlorobenzene
 Concen: 57.416 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

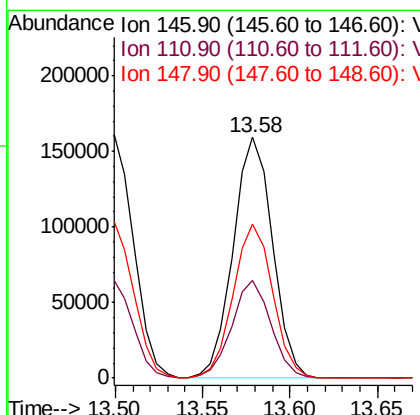
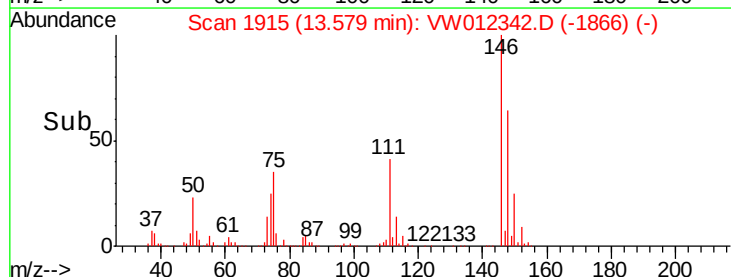
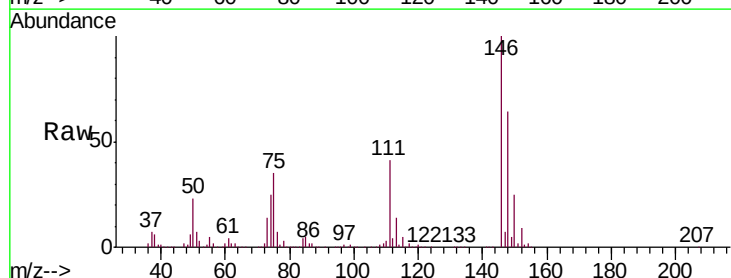
Instrument :
 MSVOA_W
 ClientSampleId :

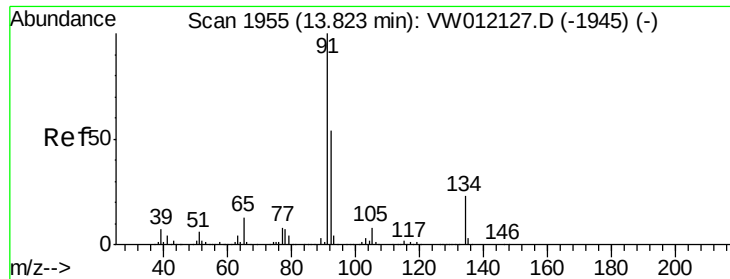
Tot Ion:146 Resp: 254664
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 56.601 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion:146 Resp: 249274
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 60.541 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012342.D

Acq: 30 Aug 2019 09:30

Instrument :

MSVOA_W

ClientSampled :

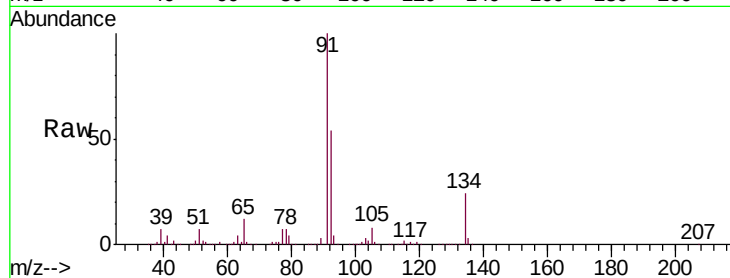
Tot Ion: 91 Resp: 571504

Ion Ratio Lower Upper

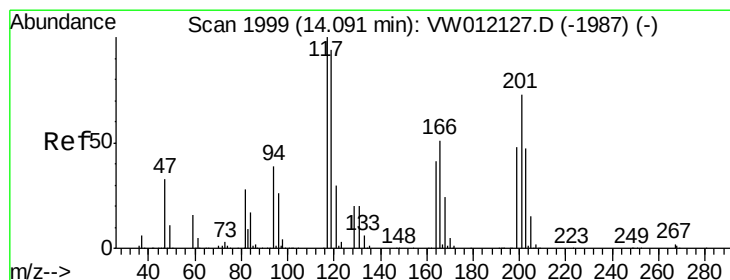
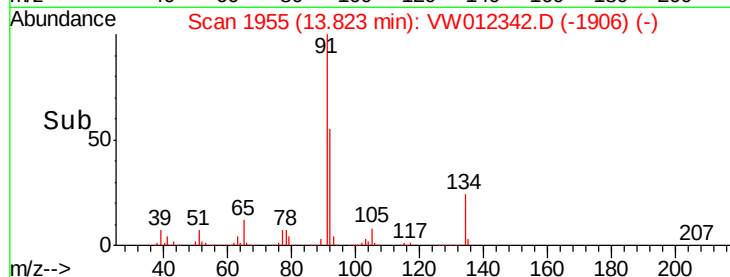
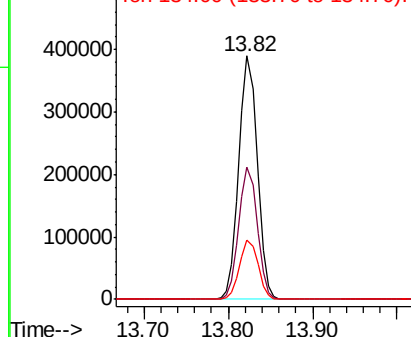
91 100

92 54.3 27.1 81.2

134 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 58.664 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012342.D

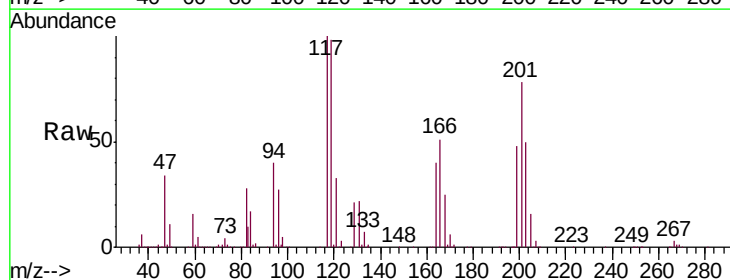
Acq: 30 Aug 2019 09:30

Tgt Ion: 117 Resp: 97703

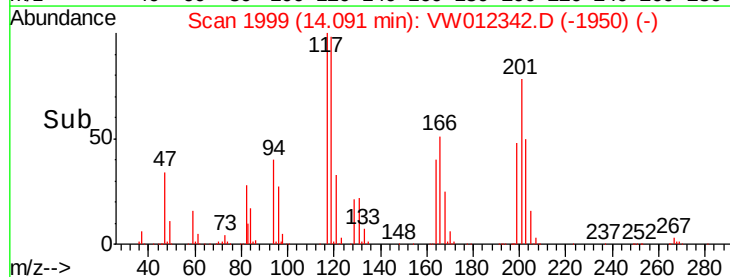
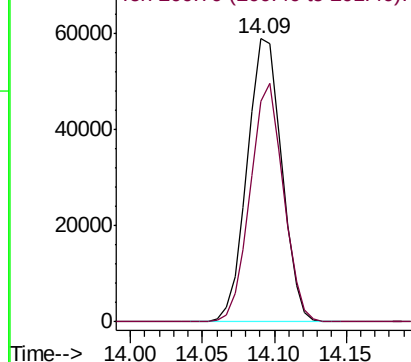
Ion Ratio Lower Upper

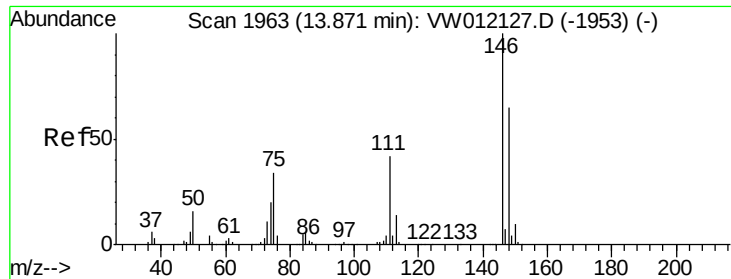
117 100

201 80.8 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

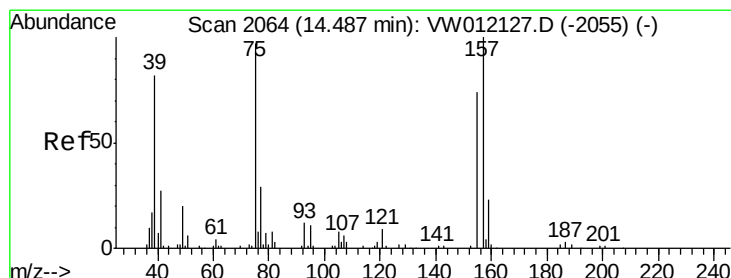
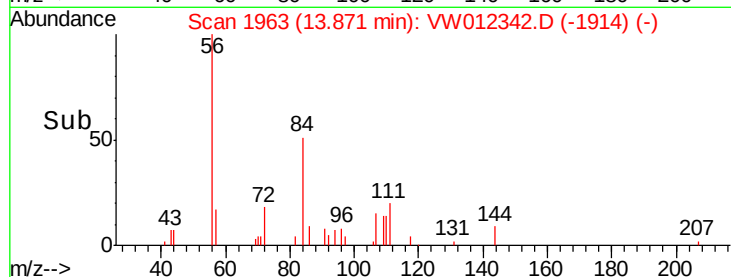
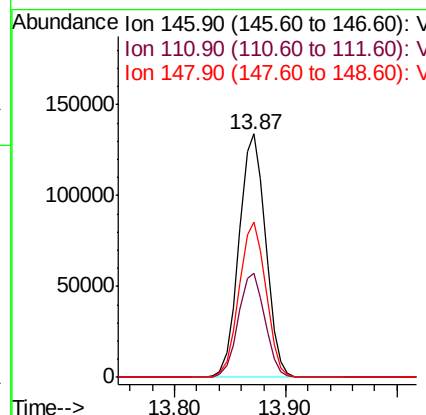
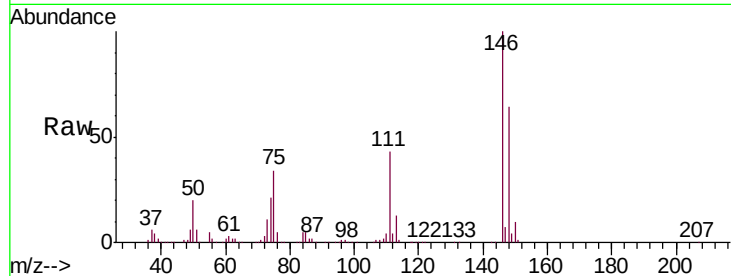




#91
 1,2-Dichlorobenzene
 Concen: 56.781 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

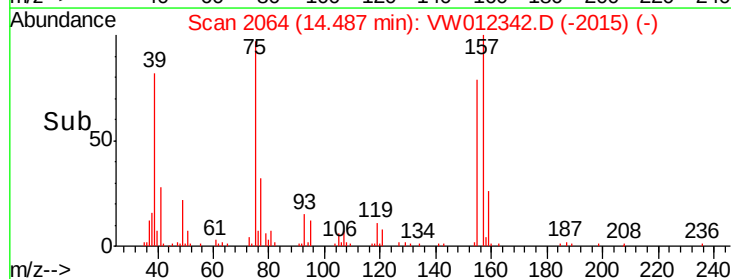
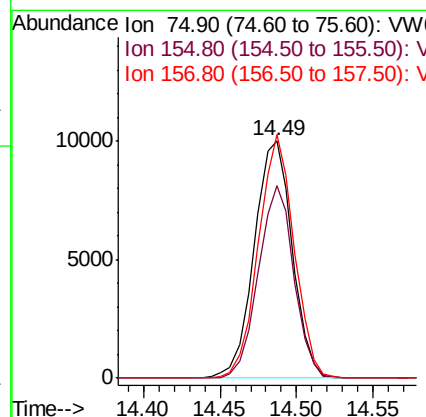
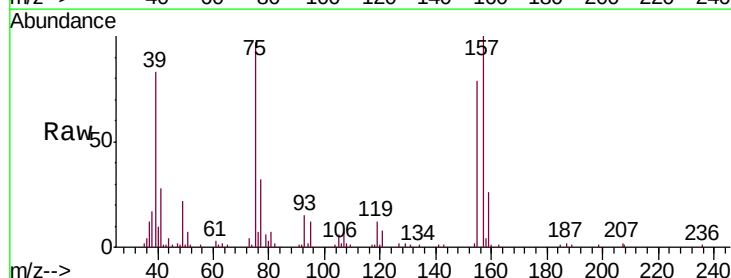
Instrument :
 MSVOA_W
 ClientSampleId :

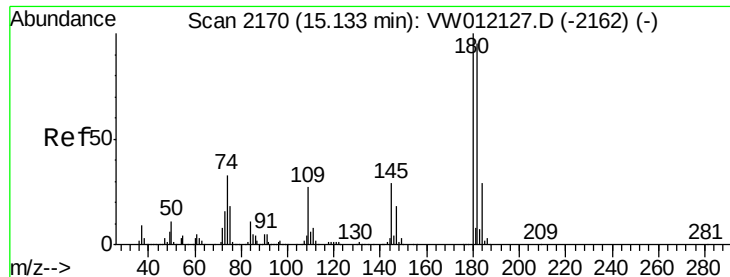
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.2	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.239 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	37.5	112.3
157	96.6	50.5	151.5

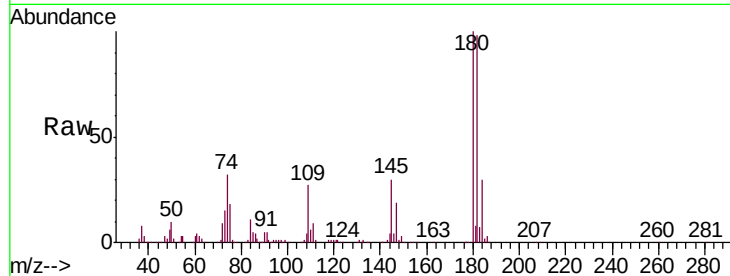




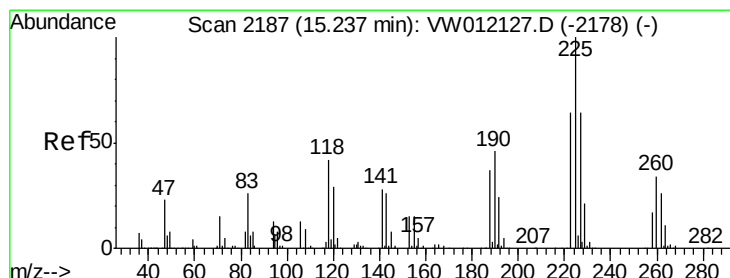
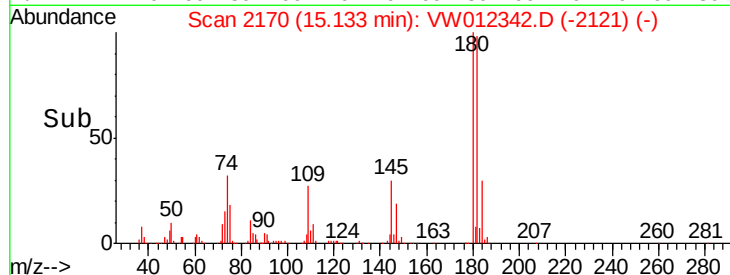
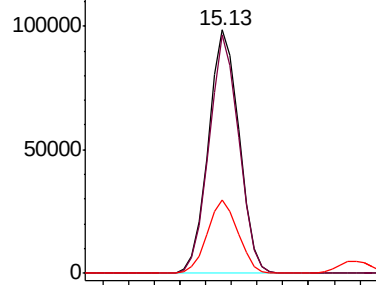
#93
 1,2,4-Trichlorobenzene
 Concen: 60.214 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	30.3	15.0	45.1

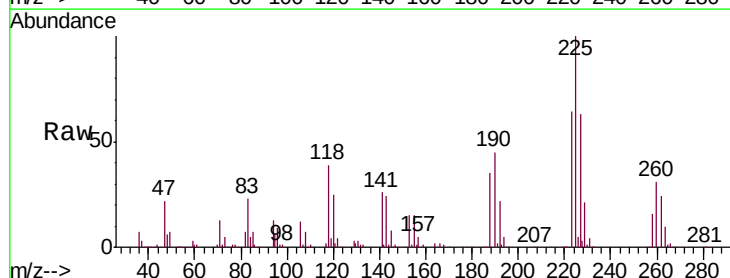


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

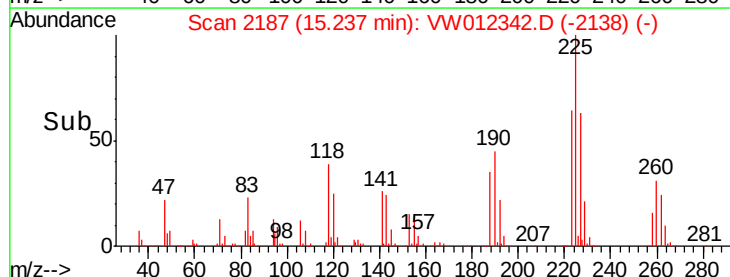
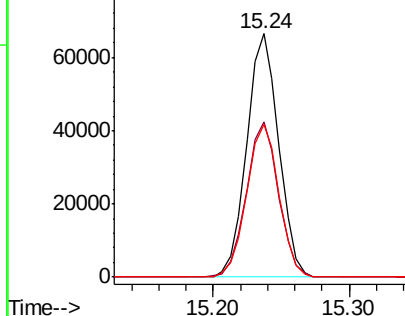


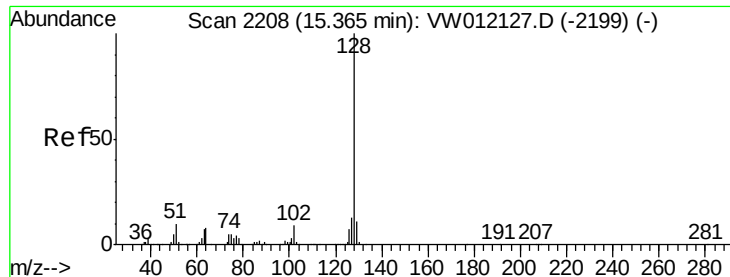
#94
 Hexachlorobutadiene
 Concen: 61.547 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012342.D
 Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.3	96.8
227	63.3	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

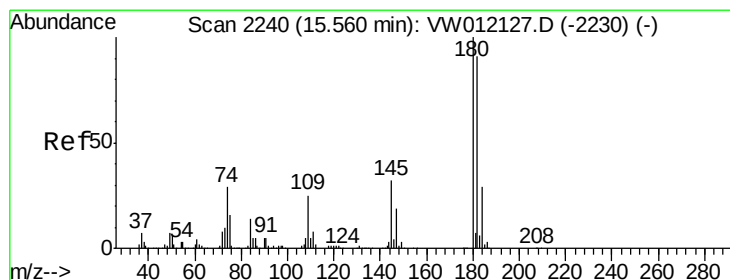
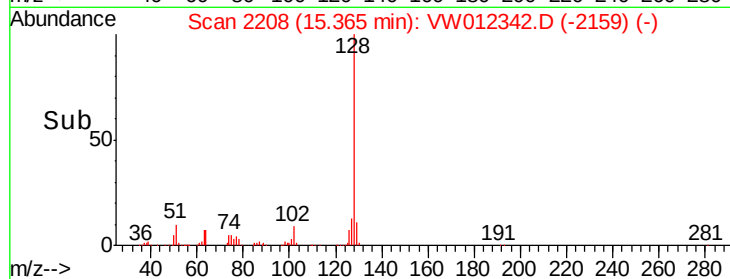
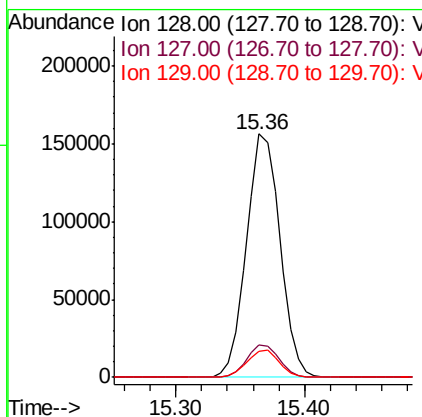
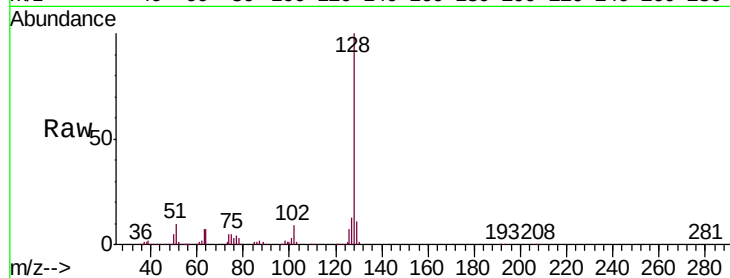




#95
Naphthalene
Concen: 52.948 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.537 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012342.D
Acq: 30 Aug 2019 09:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	31.9	16.2	48.5

