

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013457.D
 Acq On : 07 Oct 2019 12:34
 Operator : SY/VA
 Sample : VW1007SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Quant Time: Oct 07 16:49:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	178043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	115187	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	113262	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
50) Toluene-d8	10.32	98	469744	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.62	95	163765	56.93	ug/l	0.00
Spiked Amount			Recovery	=	113.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	20855	19.425	ug/l	97
3) Chloromethane	2.21	50	39862	22.500	ug/l	100
4) Vinyl Chloride	2.35	62	53787	21.392	ug/l	96
5) Bromomethane	2.74	94	31109	20.138	ug/l	99
6) Chloroethane	2.90	64	27789	19.140	ug/l	94
7) Trichlorofluoromethane	3.25	101	22347	20.486	ug/l	100
8) Diethyl Ether	3.67	74	27569	21.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50616	20.929	ug/l	98
10) Methyl Iodide	4.27	142	79289	20.301	ug/l	98
11) Tert butyl alcohol	5.16	59	36713	212.376	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	52925	20.713	ug/l	92
13) Acrolein	3.89	56	23763	119.179	ug/l	97
14) Allyl chloride	4.66	41	78923	20.879	ug/l	98
15) Acrylonitrile	5.35	53	76665	134.322	ug/l	98
16) Acetone	4.11	43	70641	111.196	ug/l	97
17) Carbon Disulfide	4.38	76	148367	20.814	ug/l	100
18) Methyl Acetate	4.67	43	38402	25.827	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	87736	23.329	ug/l	94
20) Methylene Chloride	4.92	84	58235	20.917	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54662	20.088	ug/l	97
22) Diisopropyl ether	6.30	45	156077	21.381	ug/l	95
23) Vinyl Acetate	6.25	43	523841	119.592	ug/l	98
24) 1,1-Dichloroethane	6.21	63	91064	20.481	ug/l	99
25) 2-Butanone	7.17	43	106402	130.893	ug/l	99
26) 2,2-Dichloropropane	7.16	77	60692	22.686	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59385	20.849	ug/l	99
28) Bromochloromethane	7.51	49	31728	19.736	ug/l	96
29) Tetrahydrofuran	7.52	42	66495	144.878	ug/l	99
30) Chloroform	7.67	83	89923	20.626	ug/l	97
31) Cyclohexane	7.95	56	97521	20.567	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	72429	21.205	ug/l	99
36) 1,1-Dichloropropene	8.08	75	76823	20.908	ug/l	99
37) Ethyl Acetate	7.25	43	43847	27.107	ug/l #	97
38) Carbon Tetrachloride	8.07	117	67976	21.357	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99746	20.613	ug/l	98
40) Benzene	8.32	78	217519	20.913	ug/l	98
41) Methacrylonitrile	7.48	41	22894	23.415	ug/l	93
42) 1,2-Dichloroethane	8.40	62	58900	22.033	ug/l	99
43) Isopropyl Acetate	8.42	43	77785	25.486	ug/l	98
44) Trichloroethene	9.09	130	61003	20.827	ug/l	98
45) 1,2-Dichloropropane	9.37	63	53231	21.315	ug/l	99
46) Dibromomethane	9.45	93	27546	22.145	ug/l	96
47) Bromodichloromethane	9.64	83	66427	21.693	ug/l	100
48) Methyl methacrylate	9.43	41	35101	23.935	ug/l	94
49) 1,4-Dioxane	9.45	88	11965	615.729	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	213847	133.357	ug/l	97
52) Toluene	10.38	92	141490	21.090	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73291	23.010	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83959	21.741	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	42791	23.060	ug/l	97
56) Ethyl methacrylate	10.65	69	61354	24.565	ug/l	95
57) 1,3-Dichloropropane	10.93	76	74089	22.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	139338	135.809	ug/l	97
59) 2-Hexanone	10.97	43	151852	136.622	ug/l	99
60) Dibromochloromethane	11.13	129	48001	22.611	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41277	23.020	ug/l	97
64) Tetrachloroethene	10.86	164	53906	20.573	ug/l	99
65) Chlorobenzene	11.66	112	148214	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51259	21.330	ug/l	99
67) Ethyl Benzene	11.73	91	268869	21.261	ug/l	100
68) m/p-Xylenes	11.83	106	205199	42.039	ug/l	100
69) o-Xylene	12.16	106	95921	21.254	ug/l	97
70) Styrene	12.18	104	164640	21.341	ug/l	99
71) Bromoform	12.35	173	32196	24.710	ug/l #	98
73) Isopropylbenzene	12.46	105	264669	20.323	ug/l	99
74) N-amyl acetate	12.27	43	70895	25.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	52897	23.997	ug/l	98
76) 1,2,3-Trichloropropane	12.76	75	67521	42.670	ug/l #	100
77) Bromobenzene	12.74	156	63607	20.340	ug/l	98
78) n-propylbenzene	12.80	91	309694	20.673	ug/l	99
79) 2-Chlorotoluene	12.89	91	171571	20.620	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	223360	20.646	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	18555	27.041	ug/l	94
82) 4-Chlorotoluene	12.99	91	180733	20.735	ug/l	98
83) tert-Butylbenzene	13.20	119	198541	21.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	221455	20.591	ug/l	99
85) sec-Butylbenzene	13.38	105	272468	20.913	ug/l	99
86) p-Isopropyltoluene	13.50	119	255004	21.120	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	124666	21.190	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120583	20.470	ug/l	98
89) n-Butylbenzene	13.82	91	230378	21.164	ug/l	100
90) Hexachloroethane	14.09	117	43482	21.798	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	110640	21.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9094	27.582	ug/l	95

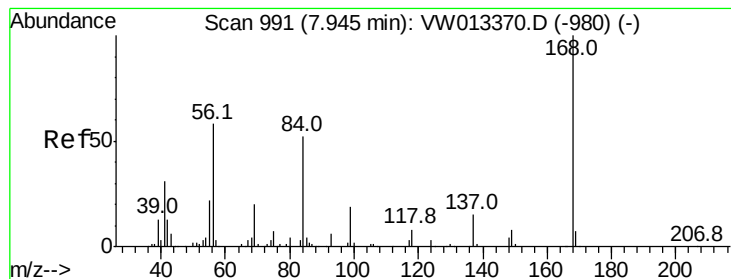
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78084	20.920	ug/l	97
94) Hexachlorobutadiene	15.24	225	49976	20.612	ug/l	97
95) Naphthalene	15.36	128	152805	24.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	70856	21.743	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: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

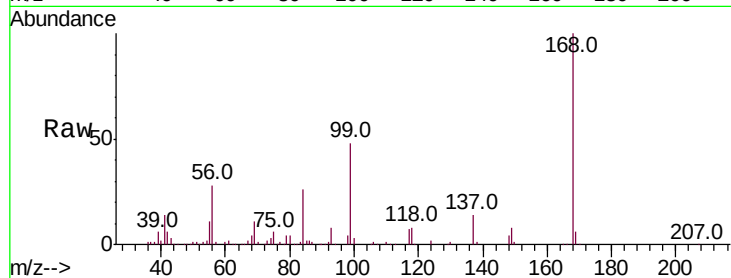
VW1007SBSD01

Tot Ion:168 Resp: 277575

Ion Ratio Lower Upper

168 100

99 48.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

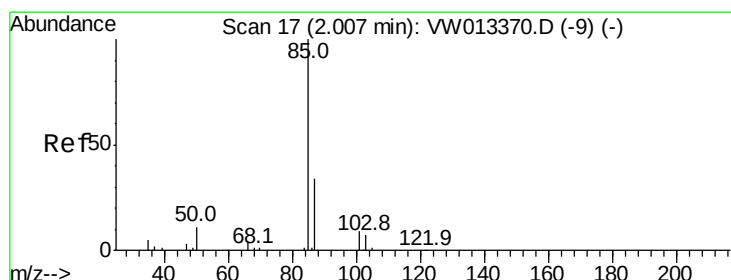
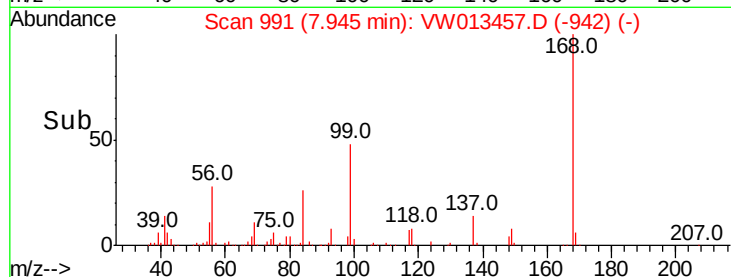
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.425 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013457.D

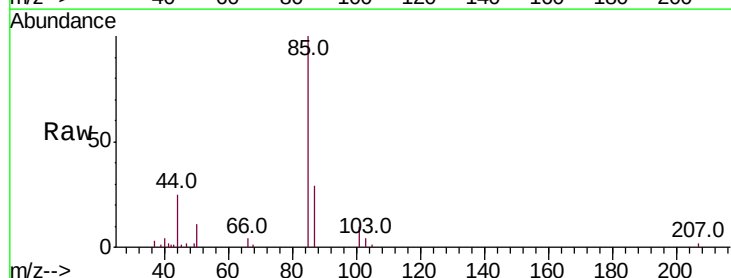
Acq: 07 Oct 2019 12:34

Tgt Ion: 85 Resp: 20855

Ion Ratio Lower Upper

85 100

87 28.5 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

6000

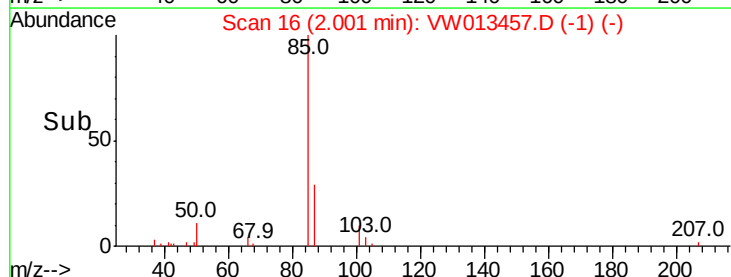
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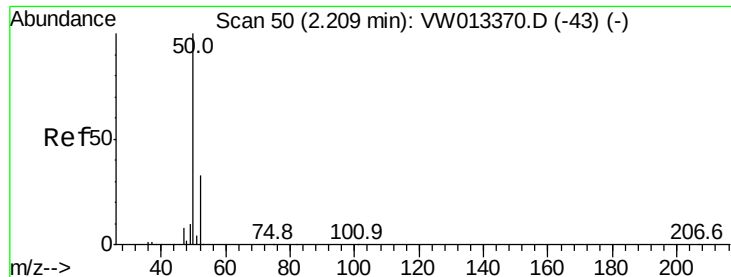
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.500 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

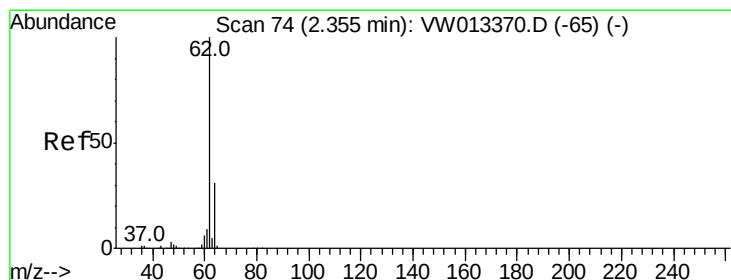
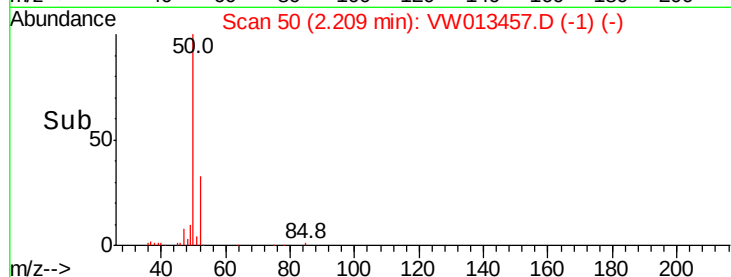
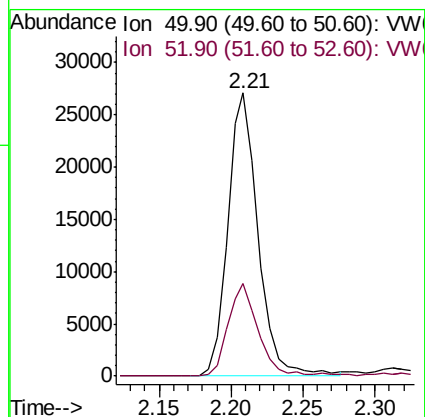
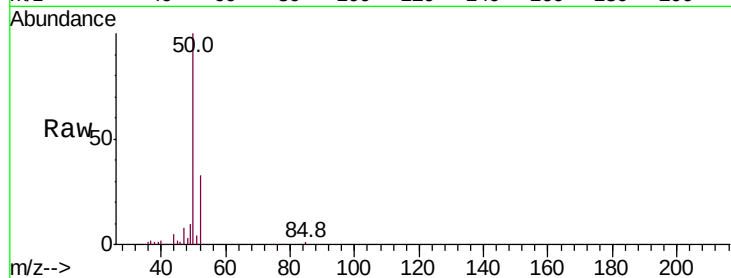
VW1007SBSD01

Tot Ion: 50 Resp: 39862

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 21.392 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW013457.D

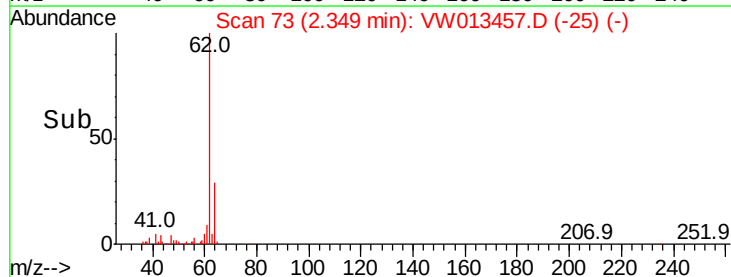
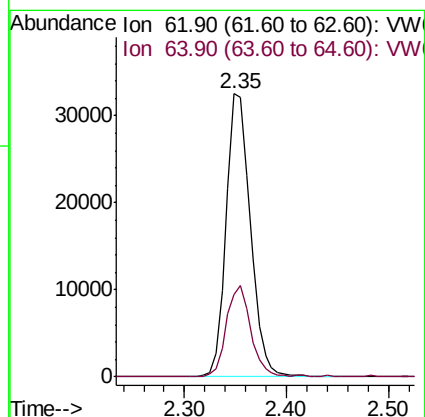
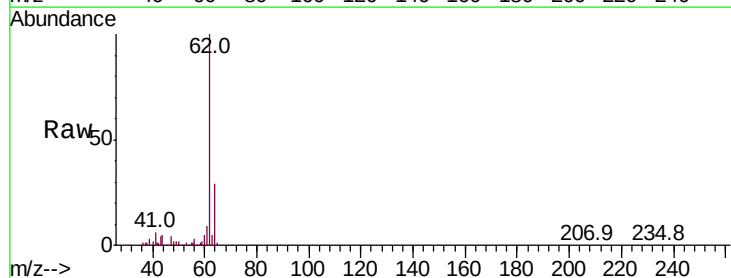
Acq: 07 Oct 2019 12:34

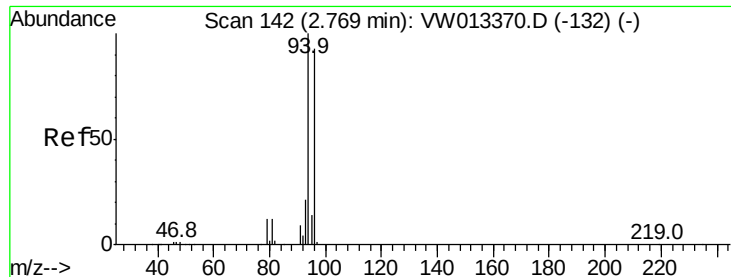
Tgt Ion: 62 Resp: 53787

Ion Ratio Lower Upper

62 100

64 29.1 25.3 37.9





#5

Bromomethane

Concen: 20.138 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.03 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

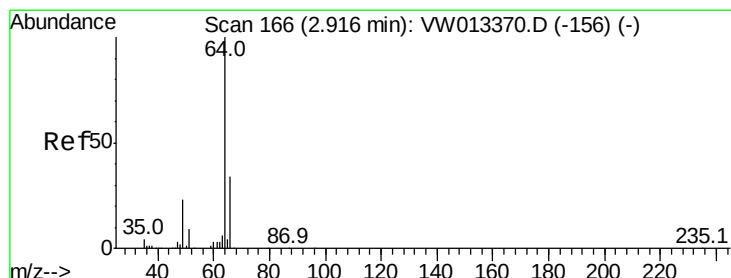
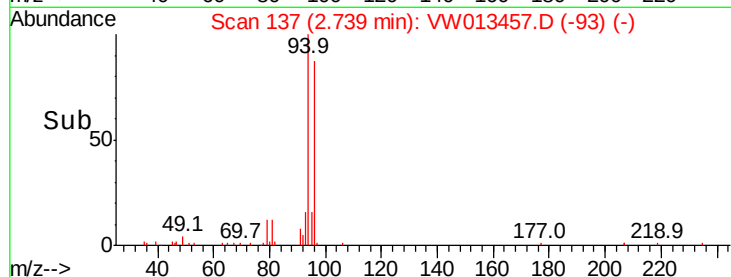
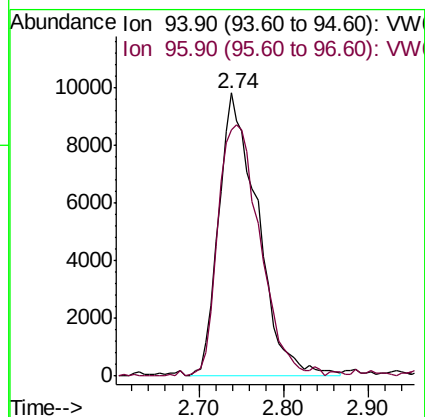
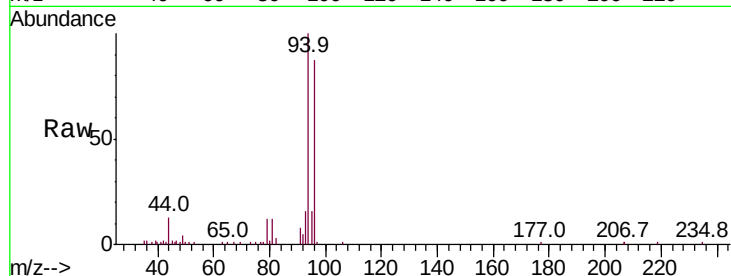
VW1007SBSD01

Tot Ion: 94 Resp: 31109

Ion Ratio Lower Upper

94 100

96 86.1 69.7 104.5



#6

Chloroethane

Concen: 19.140 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013457.D

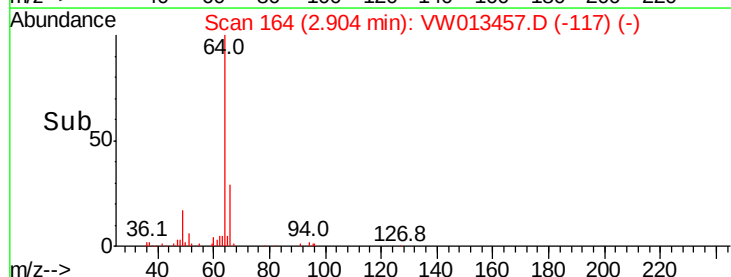
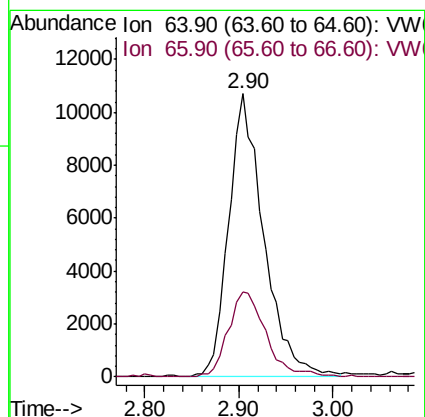
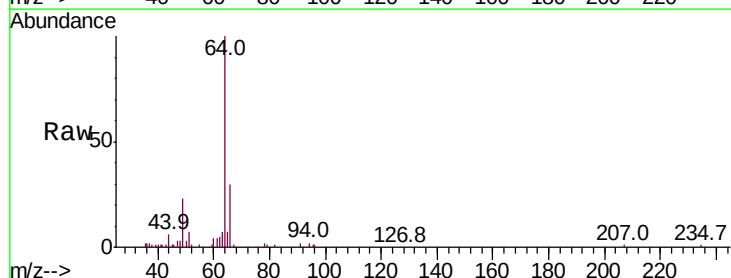
Acq: 07 Oct 2019 12:34

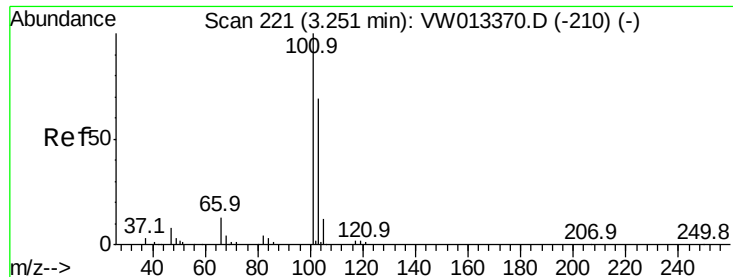
Tgt Ion: 64 Resp: 27789

Ion Ratio Lower Upper

64 100

66 30.0 26.6 39.8



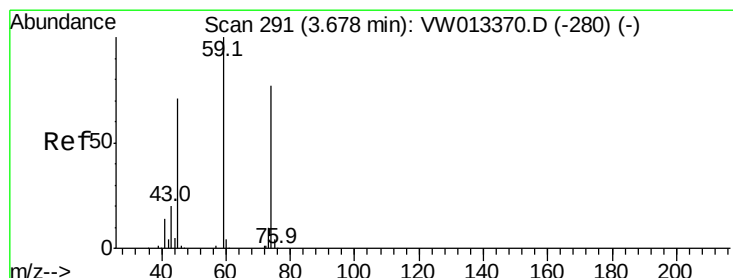
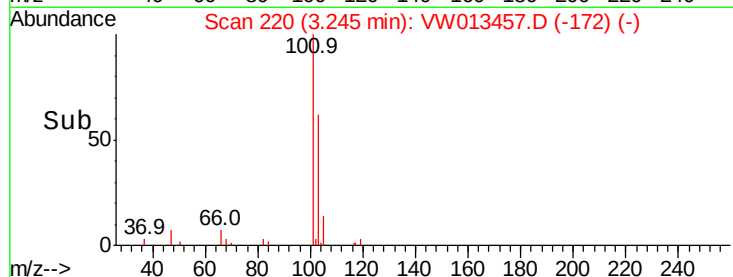
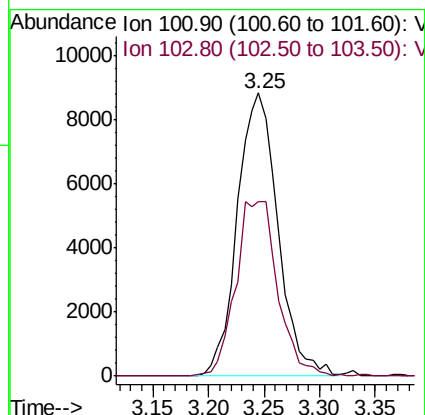
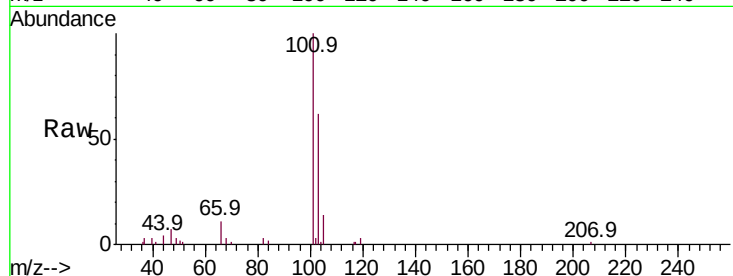


#7

Trichlorofluoromethane
 Concen: 20.486 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

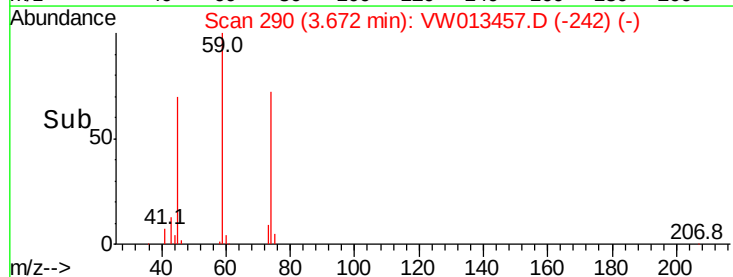
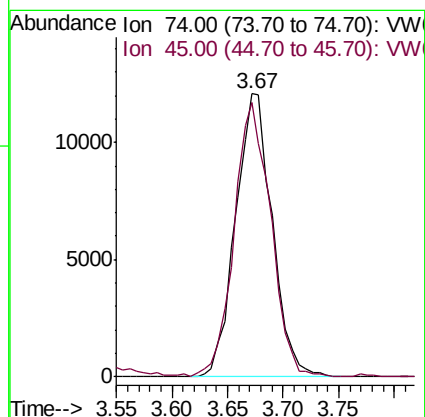
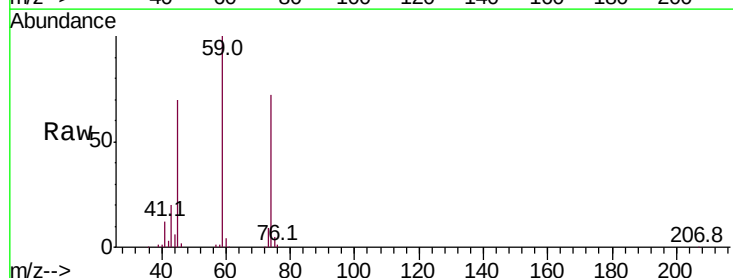
Tot Ion:101 Resp: 22347
 Ion Ratio Lower Upper
 101 100
 103 61.9 49.7 74.5

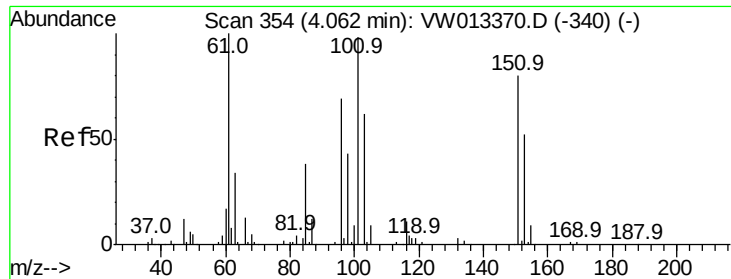


#8

Diethyl Ether
 Concen: 21.836 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 74 Resp: 27569
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.929 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

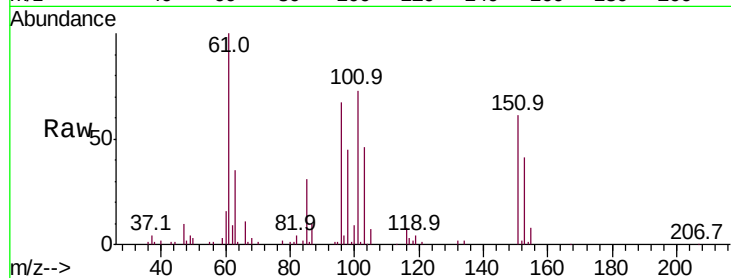
Tot Ion:101 Resp: 50616

Ion Ratio Lower Upper

101 100

85 39.6 33.4 50.0

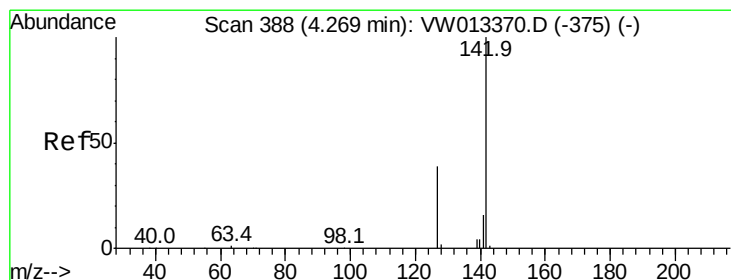
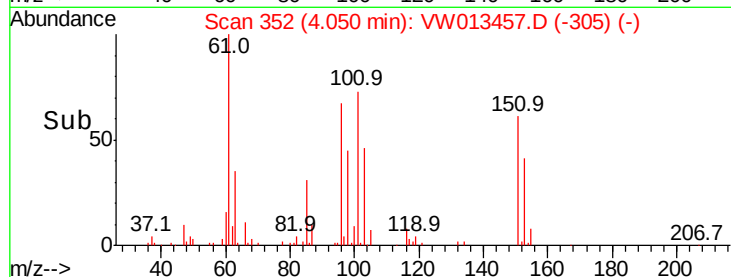
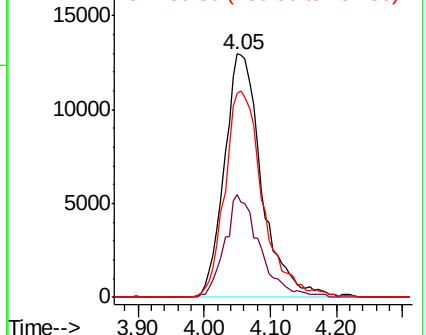
151 85.1 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.301 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

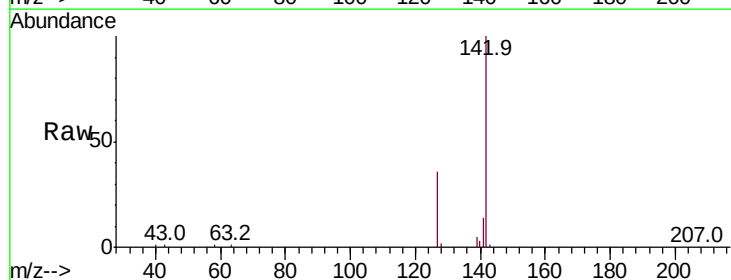
Tgt Ion:142 Resp: 79289

Ion Ratio Lower Upper

142 100

127 37.1 30.9 46.3

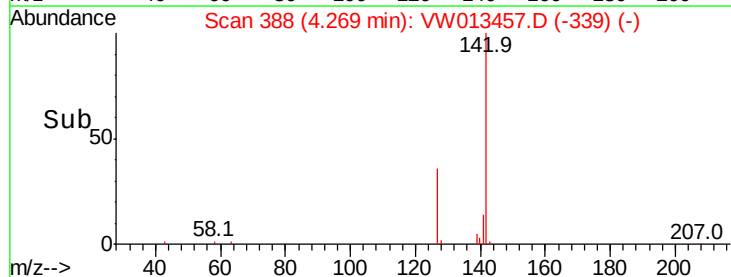
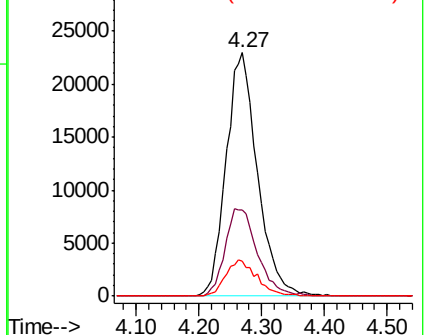
141 14.9 11.7 17.5

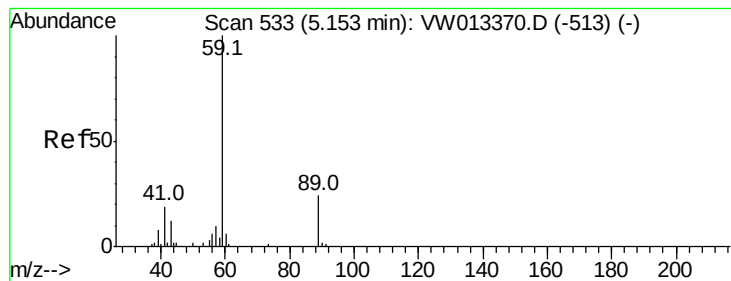


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



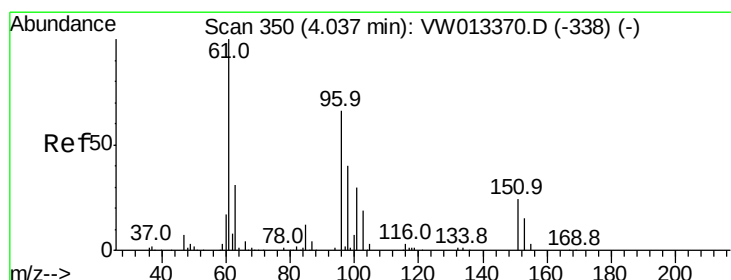
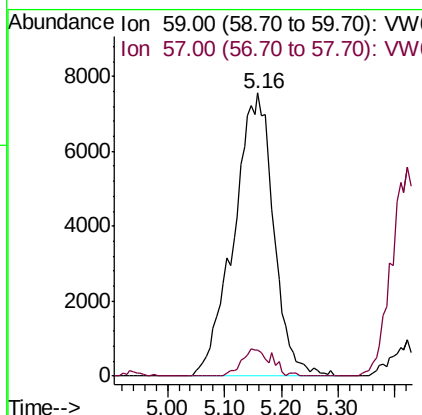
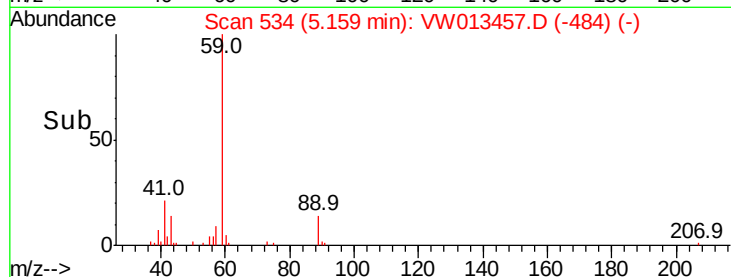
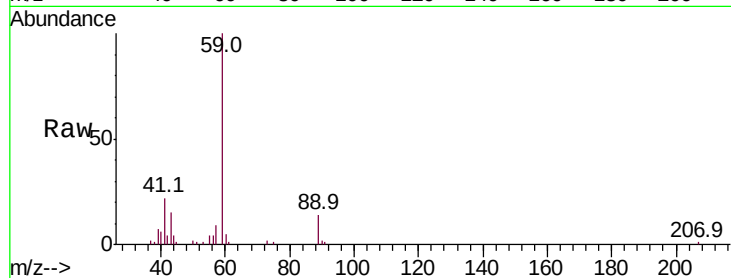


#11

Tert butyl alcohol
 Concen: 212.376 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

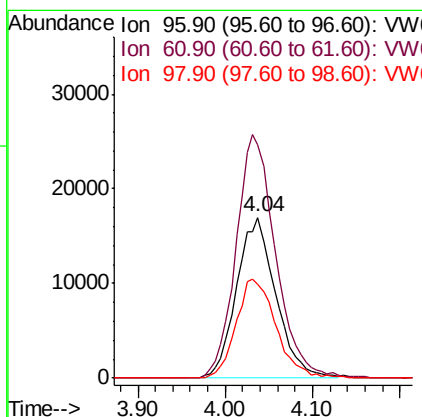
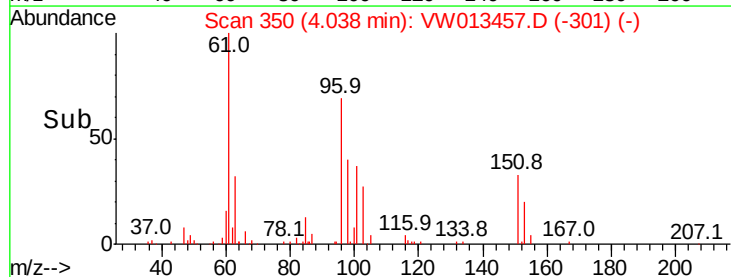
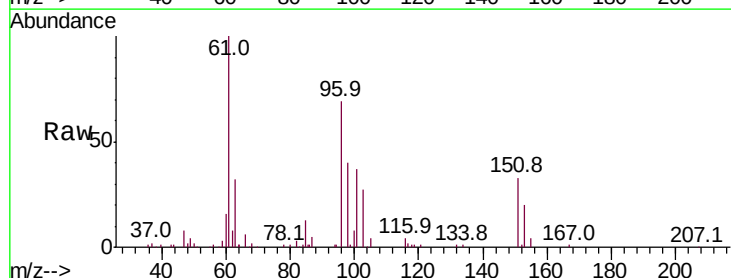
Tot Ion: 59 Resp: 36713
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.2 12.2#

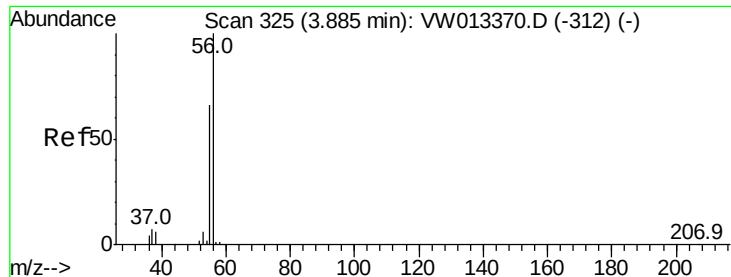


#12

1,1-Dichloroethene
 Concen: 20.713 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 96 Resp: 52925
 Ion Ratio Lower Upper
 96 100
 61 145.5 125.1 187.7
 98 58.5 50.8 76.2





#13

Acrolein

Concen: 119.179 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

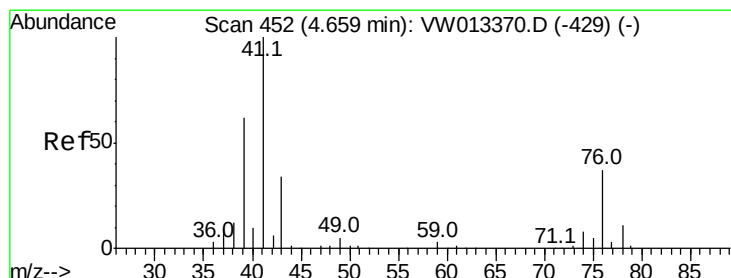
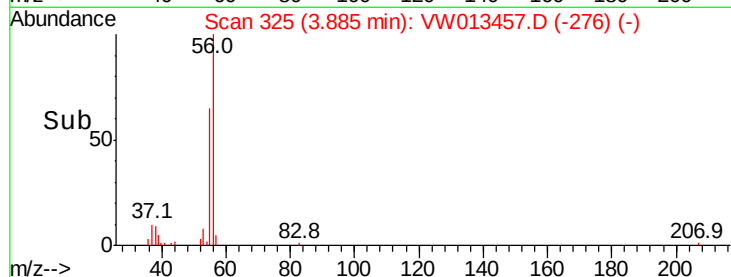
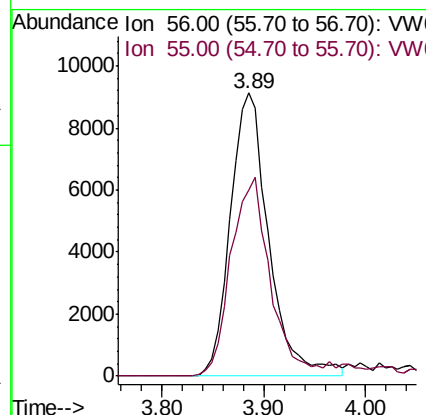
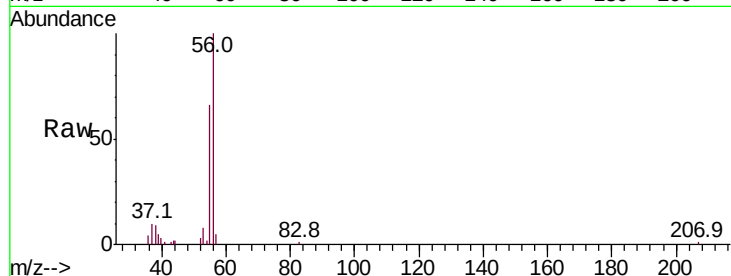
VW1007SBSD01

Tot Ion: 56 Resp: 23763

Ion Ratio Lower Upper

56 100

55 71.8 55.4 83.0



#14

Allyl chloride

Concen: 20.879 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

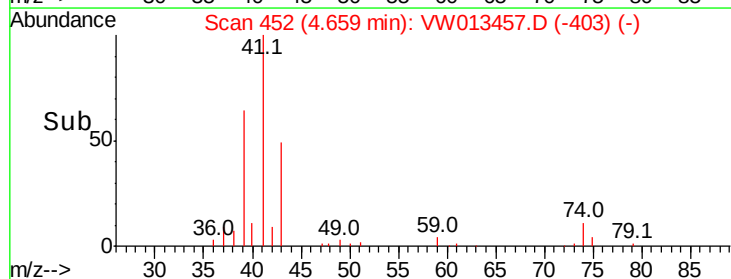
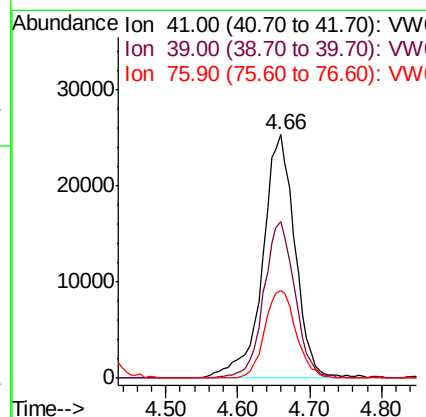
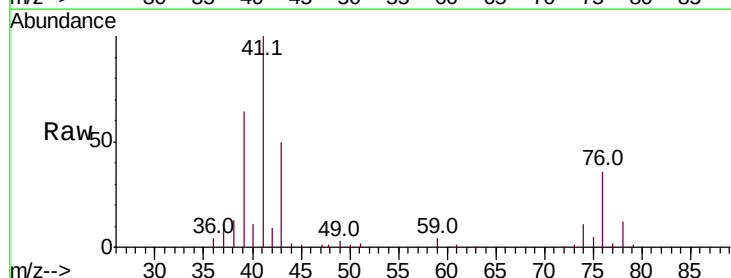
Tgt Ion: 41 Resp: 78923

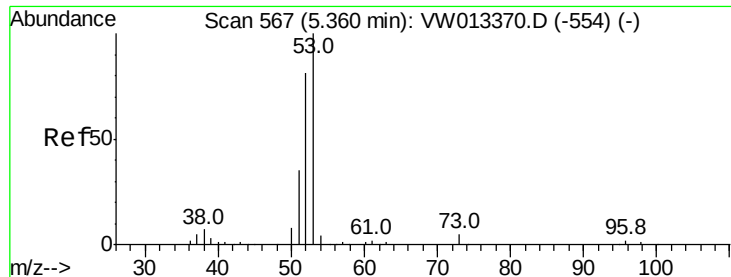
Ion Ratio Lower Upper

41 100

39 61.9 51.0 76.4

76 34.7 28.4 42.6





#15

Acrylonitrile

Concen: 134.322 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

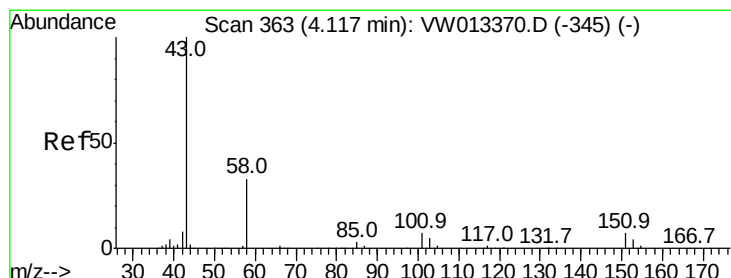
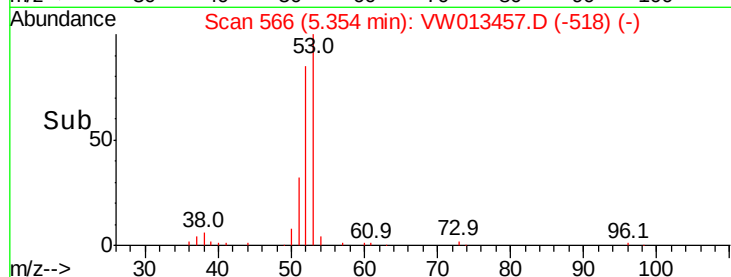
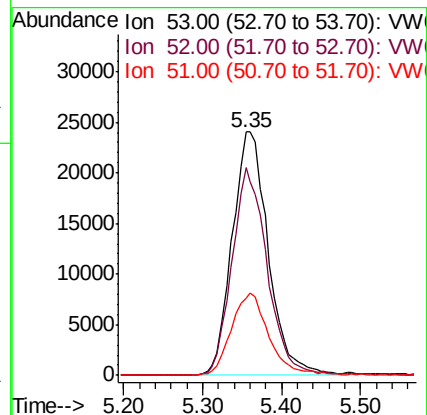
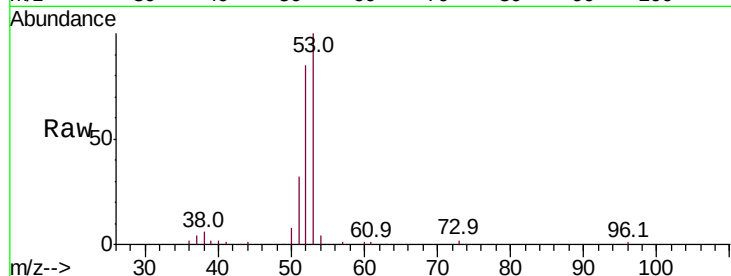
Tot Ion: 53 Resp: 76665

Ion Ratio Lower Upper

53 100

52 82.8 65.3 97.9

51 35.1 29.0 43.4



#16

Acetone

Concen: 111.196 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW013457.D

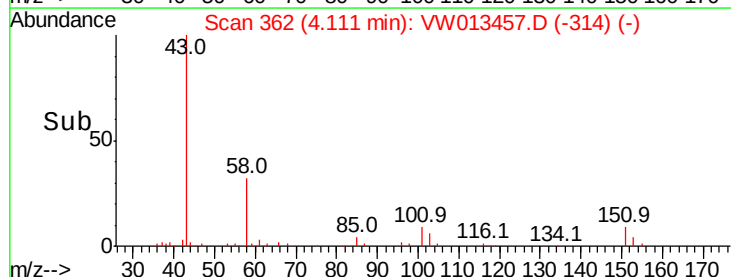
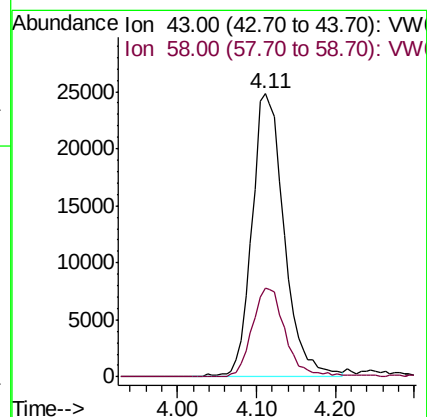
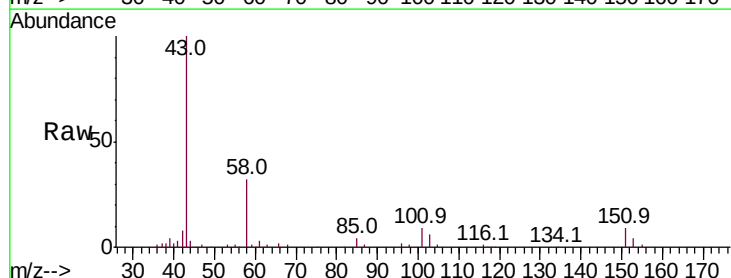
Acq: 07 Oct 2019 12:34

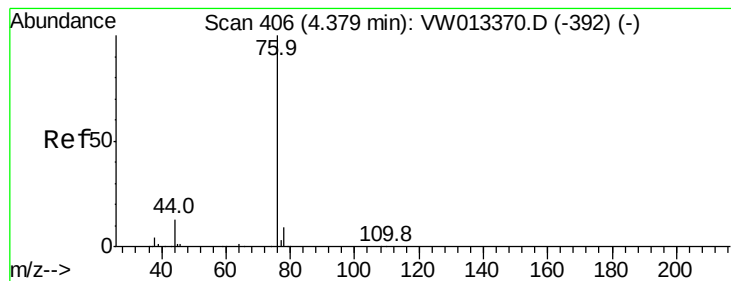
Tgt Ion: 43 Resp: 70641

Ion Ratio Lower Upper

43 100

58 31.5 24.1 36.1





#17

Carbon Disulfide

Concen: 20.814 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

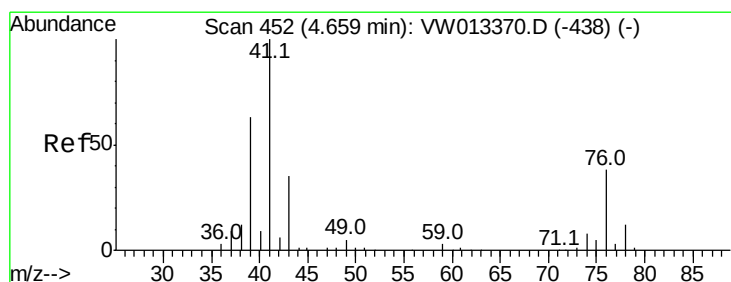
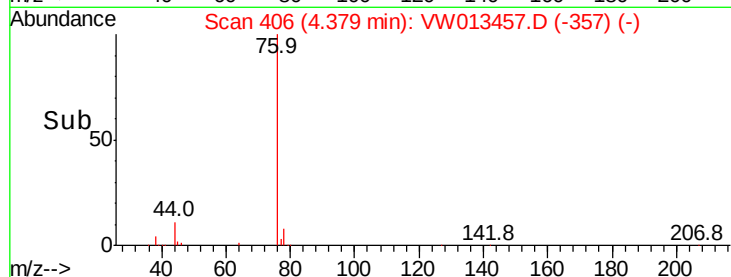
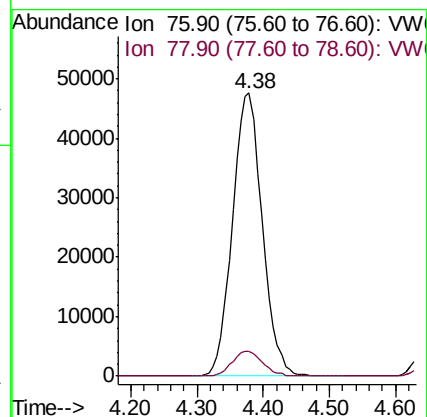
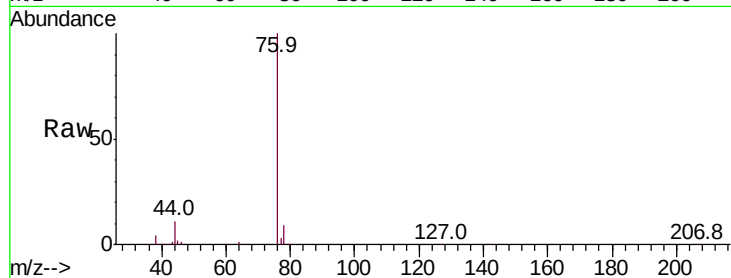
VW1007SBSD01

Tot Ion: 76 Resp: 148367

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#18

Methyl Acetate

Concen: 25.827 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013457.D

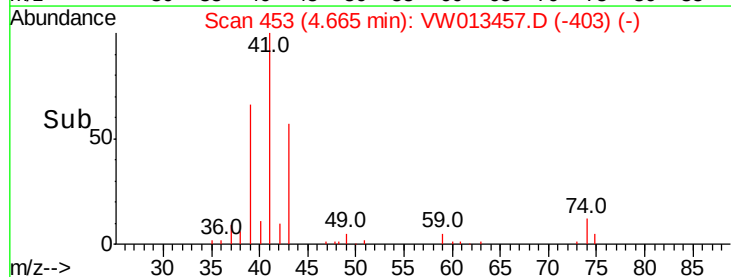
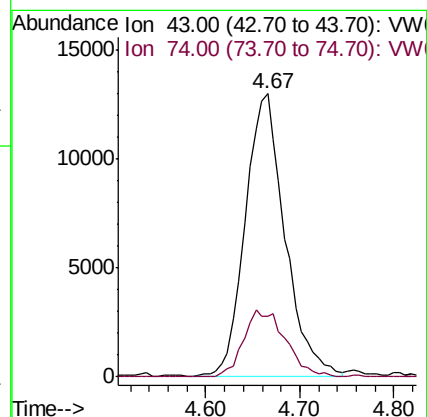
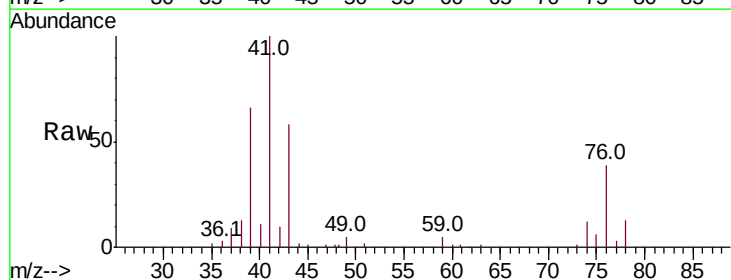
Acq: 07 Oct 2019 12:34

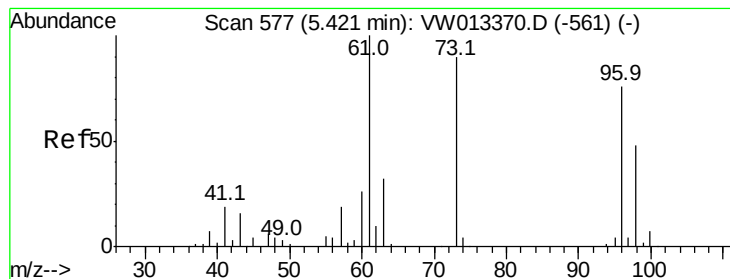
Tgt Ion: 43 Resp: 38402

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9



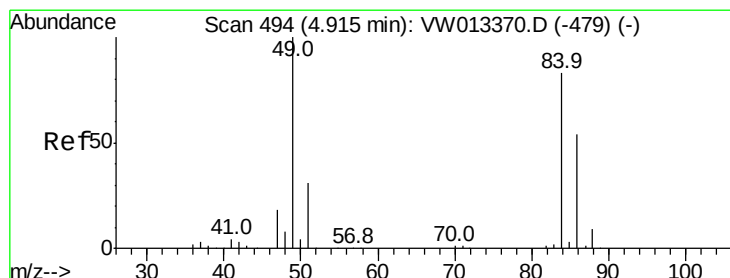
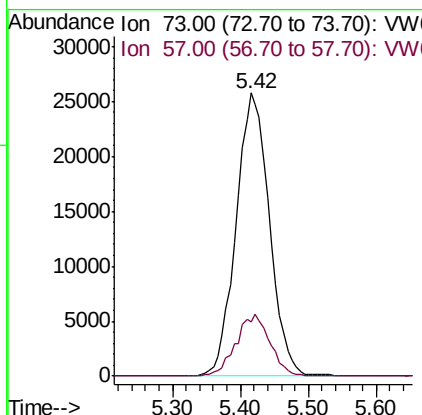
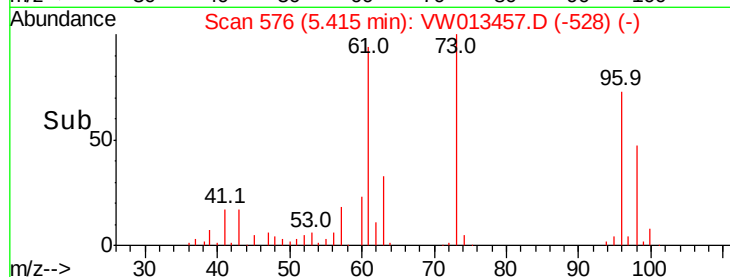
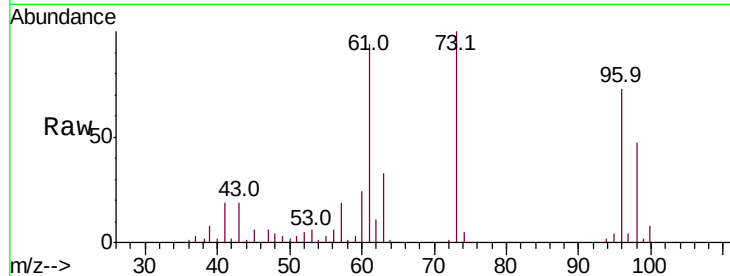


#19

Methyl tert-butyl Ether
 Concen: 23.329 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

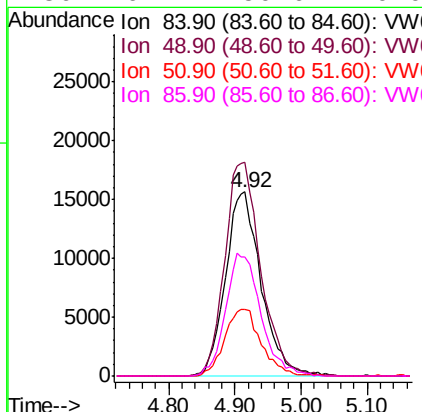
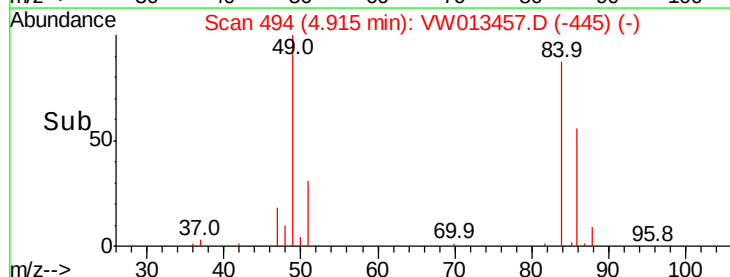
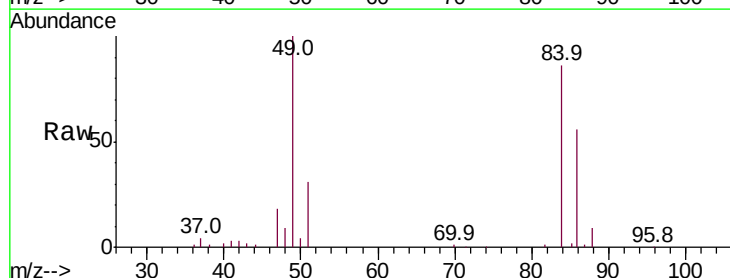
Tot Ion: 73 Resp: 87736
 Ion Ratio Lower Upper
 73 100
 57 19.0 17.6 26.4

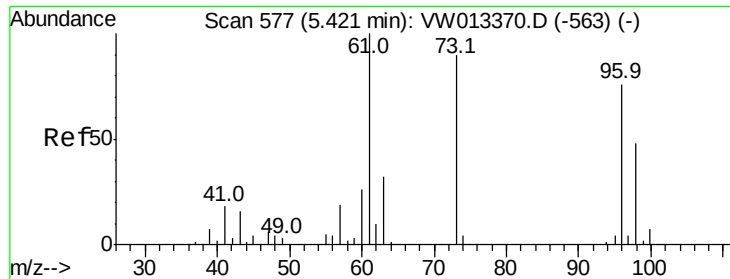


#20

Methylene Chloride
 Concen: 20.917 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 84 Resp: 58235
 Ion Ratio Lower Upper
 84 100
 49 116.0 97.6 146.4
 51 36.0 30.2 45.2
 86 64.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.088 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

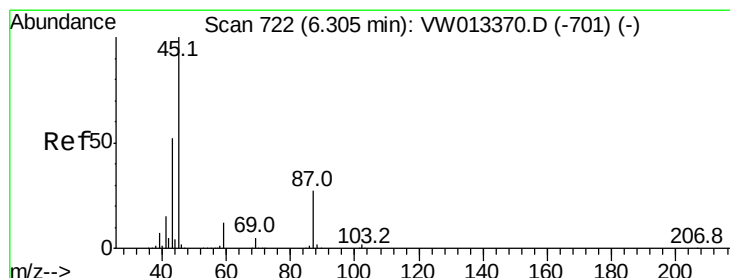
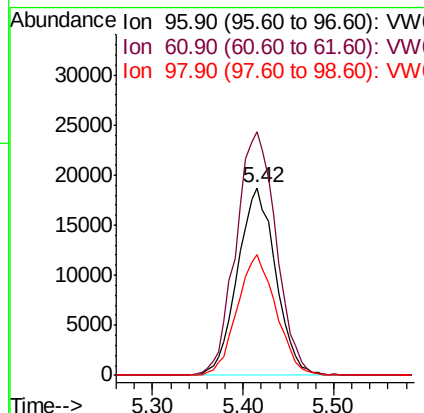
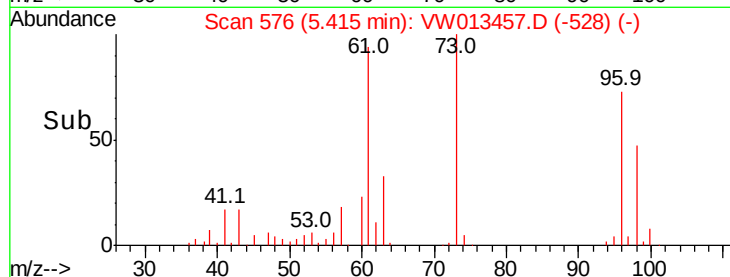
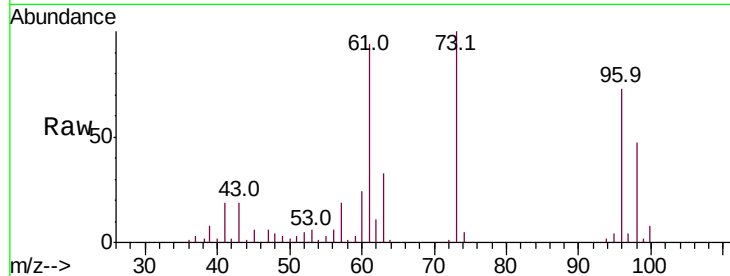
Tot Ion: 96 Resp: 54662

Ion Ratio Lower Upper

96 100

61 129.3 106.6 159.8

98 64.7 49.8 74.8



#22

Diisopropyl ether

Concen: 21.381 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion: 45 Resp: 156077

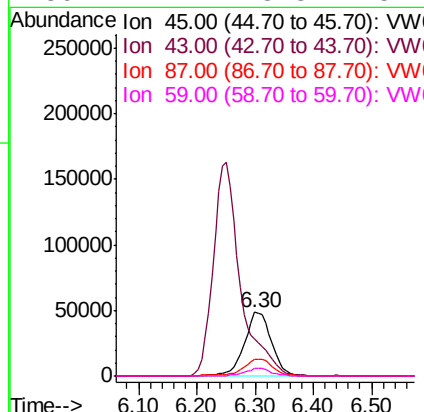
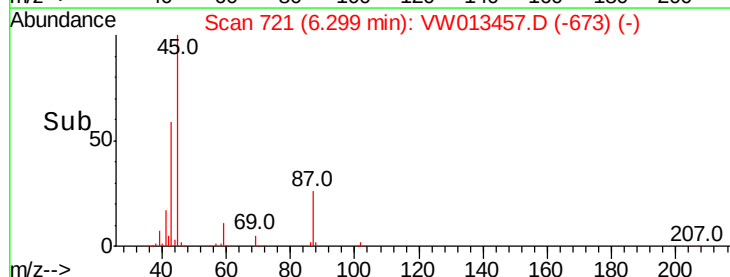
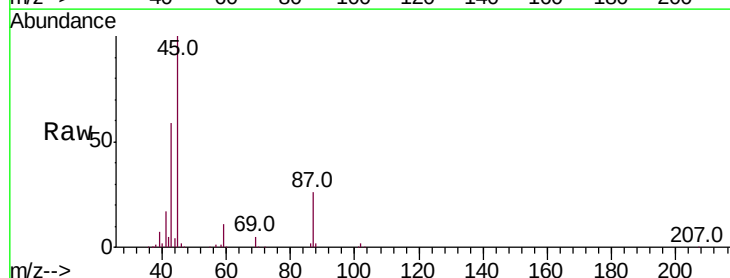
Ion Ratio Lower Upper

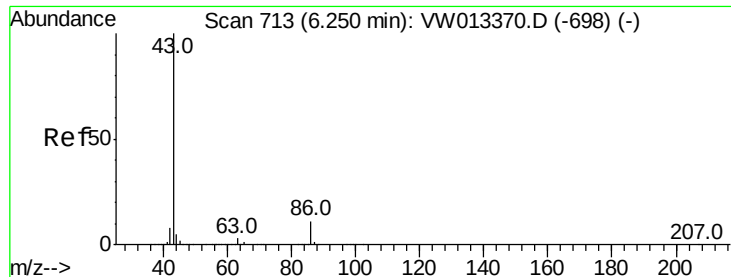
45 100

43 58.3 42.4 63.6

87 25.7 20.4 30.6

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 119.592 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

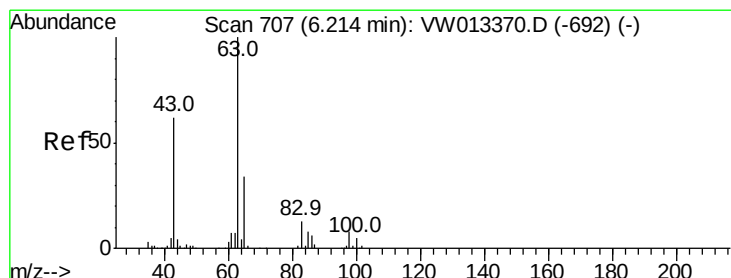
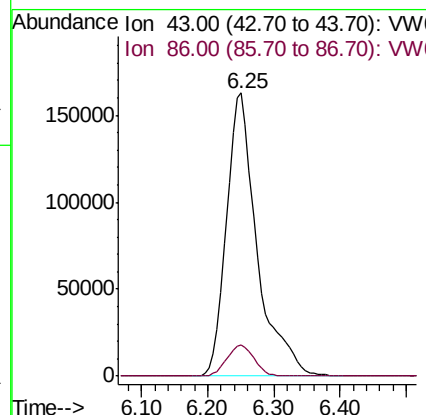
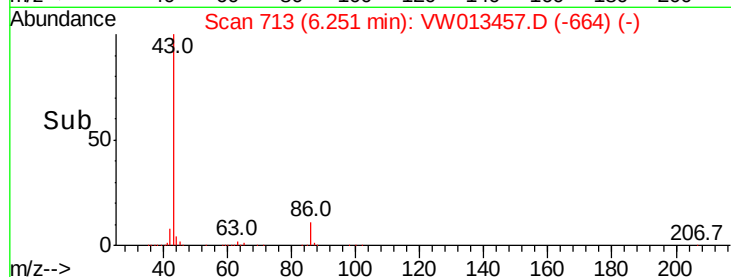
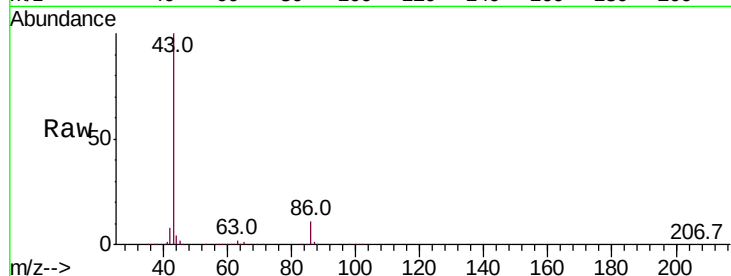
VW1007SBSD01

Tot Ion: 43 Resp: 523841

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 20.481 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

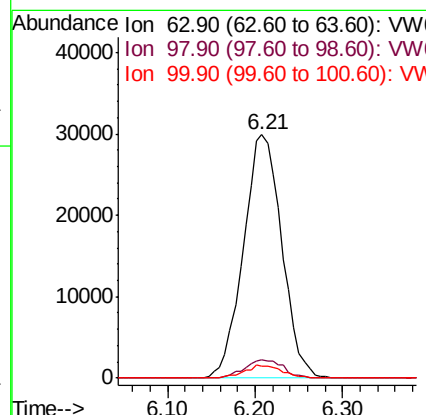
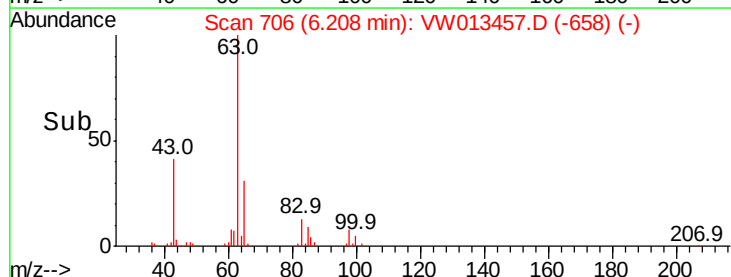
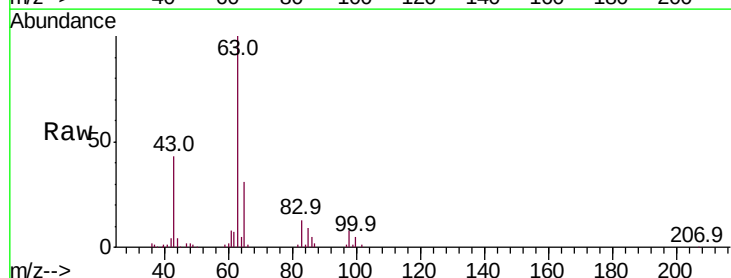
Tgt Ion: 63 Resp: 91064

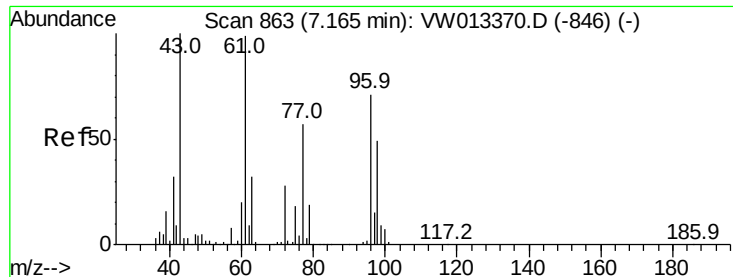
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 130.893 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

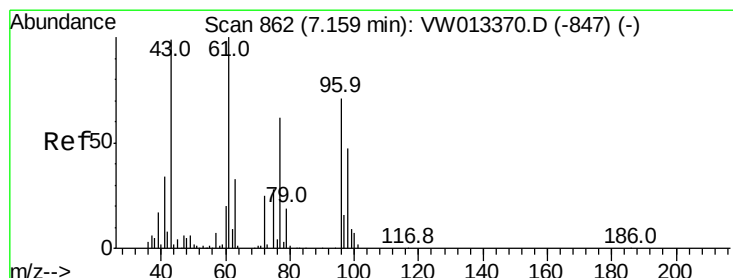
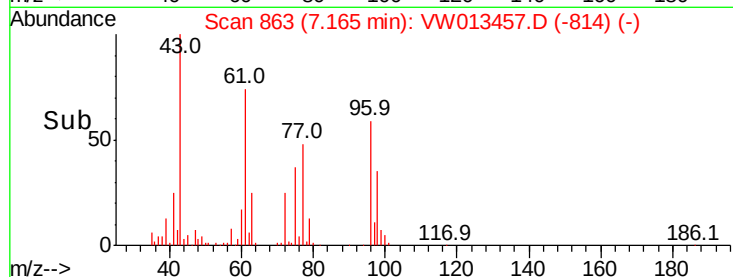
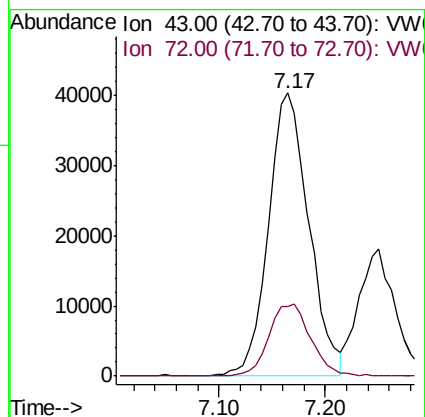
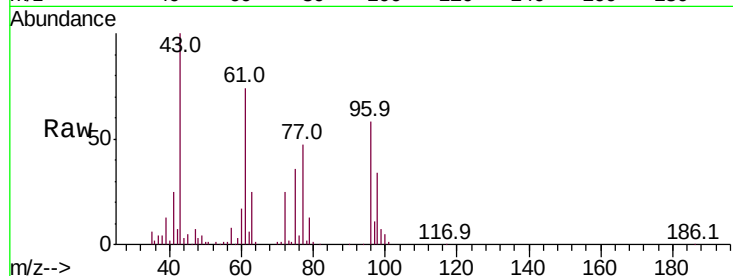
VW1007SBSD01

Tot Ion: 43 Resp: 106402

Ion Ratio Lower Upper

43 100

72 24.7 19.4 29.0



#26

2,2-Dichloropropane

Concen: 22.686 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013457.D

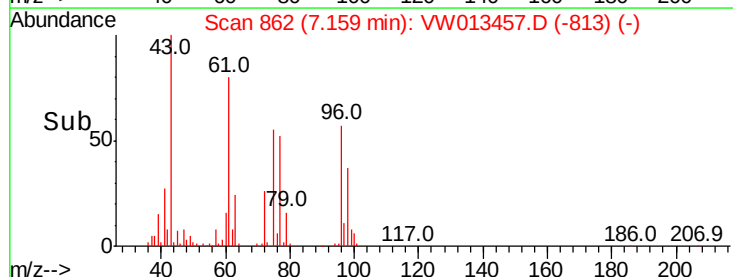
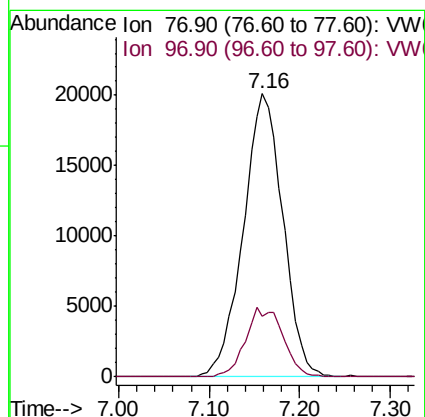
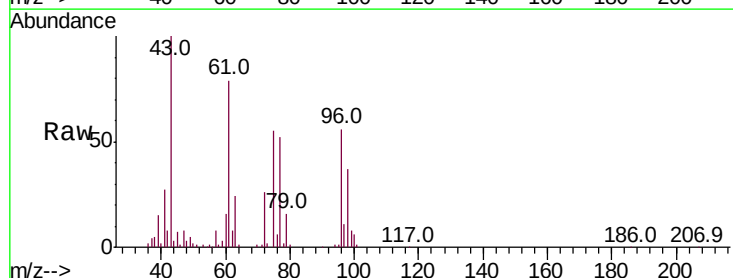
Acq: 07 Oct 2019 12:34

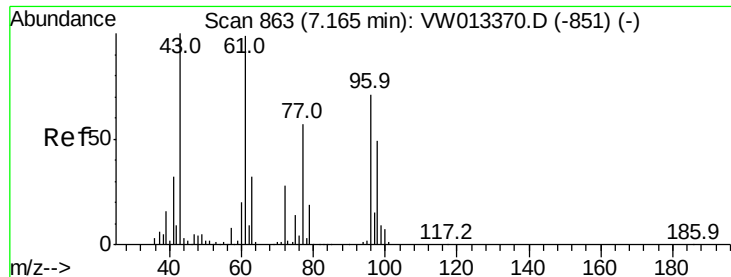
Tgt Ion: 77 Resp: 60692

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4



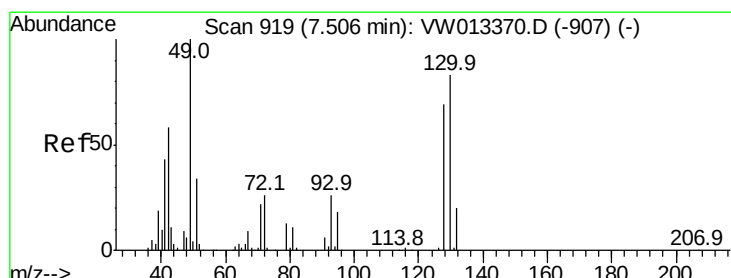
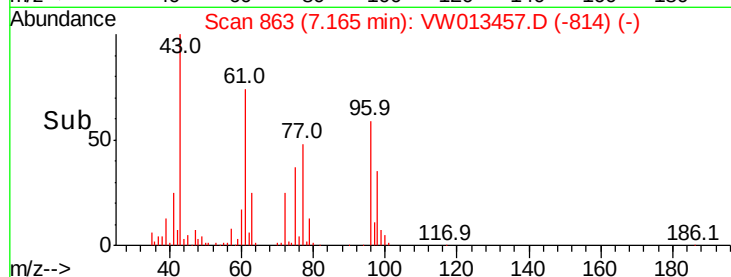
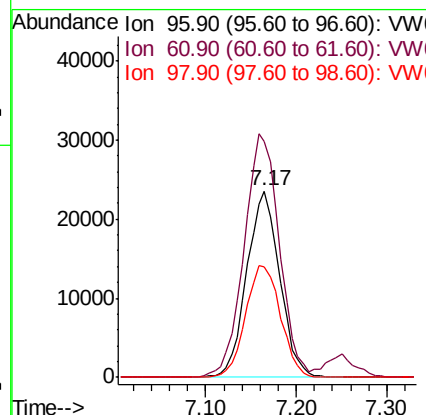
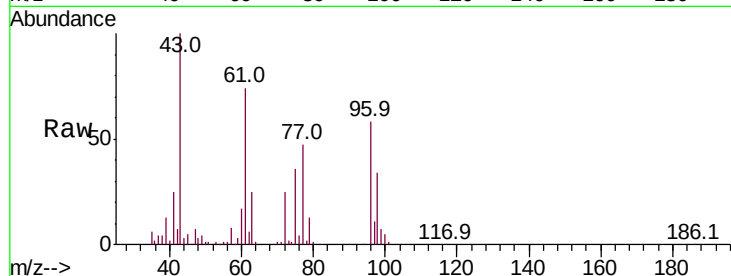


#27

cis-1,2-Dichloroethene
Concen: 20.849 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

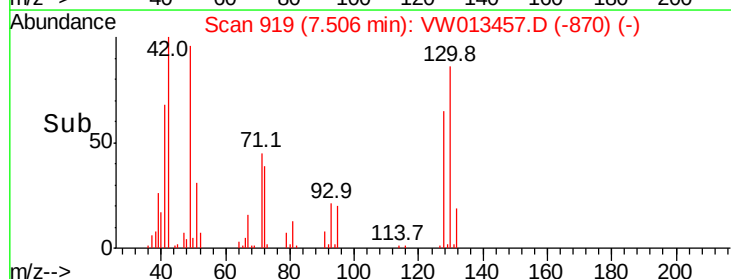
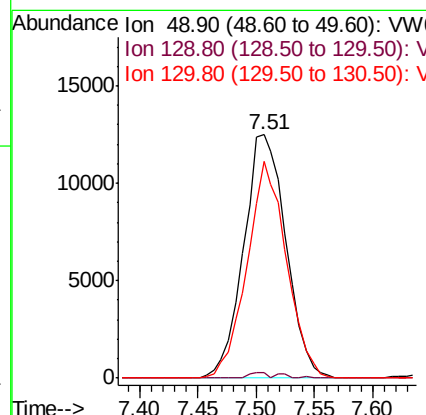
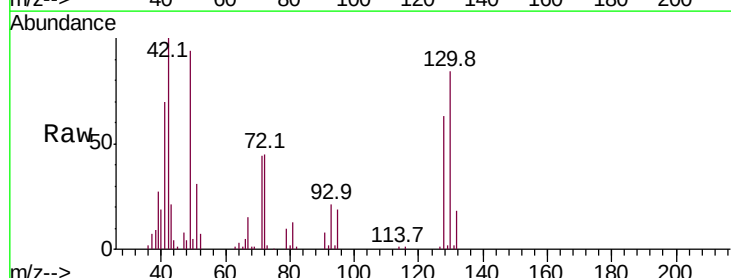
Tot Ion: 96 Resp: 59385
Ion Ratio Lower Upper
96 100
61 139.7 0.0 282.4
98 63.7 0.0 128.2

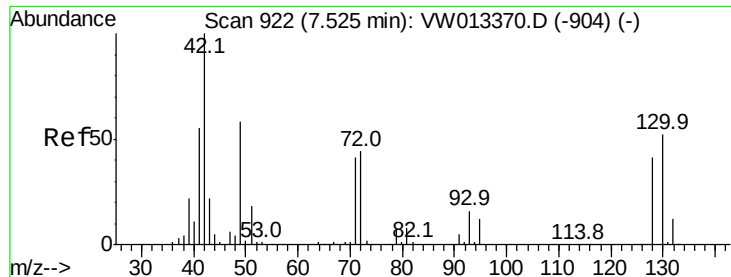


#28

Bromochloromethane
Concen: 19.736 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 49 Resp: 31728
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.0
130 82.9 63.4 95.2

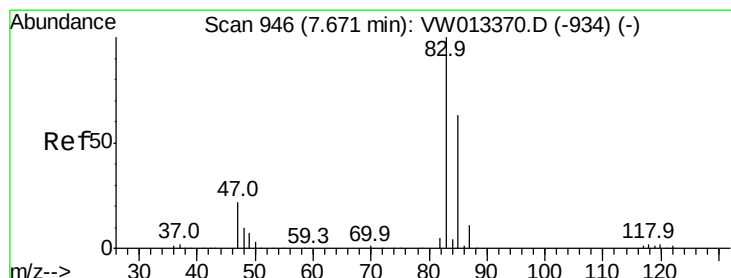
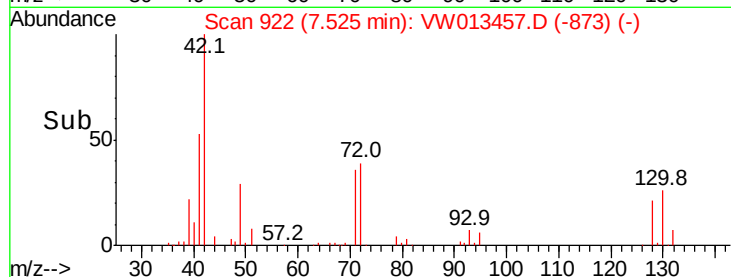
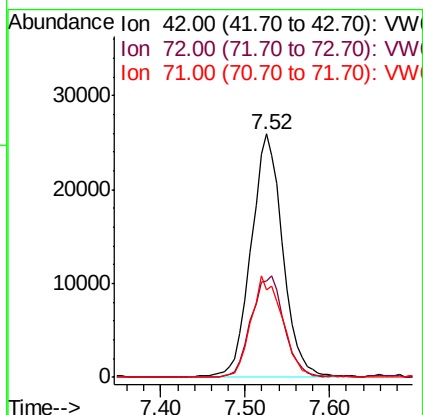
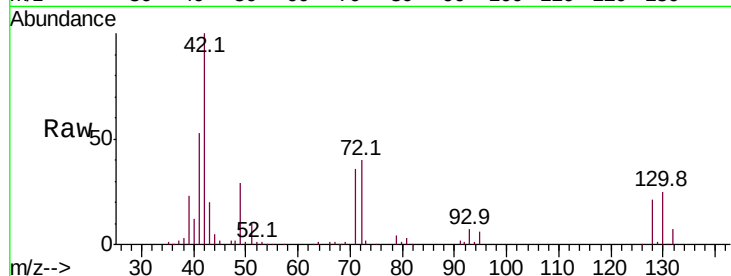




#29
Tetrahydrofuran
Concen: 144.878 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

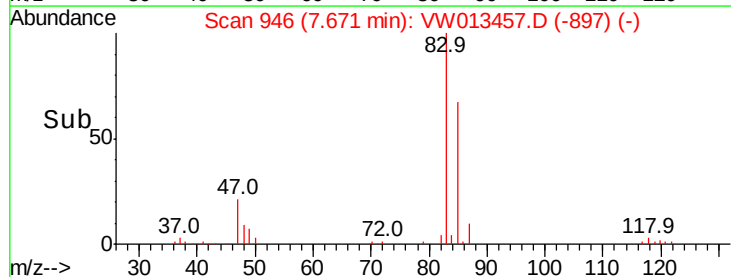
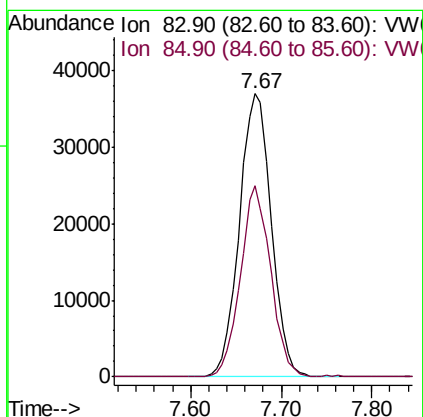
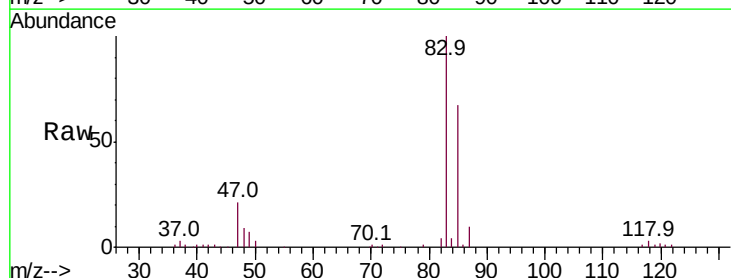
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

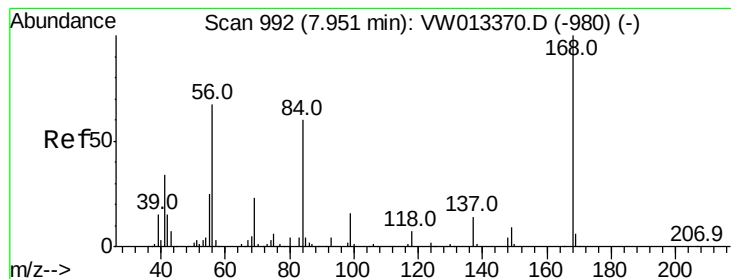
Tot Ion: 42 Resp: 66495
Ion Ratio Lower Upper
42 100
72 43.0 33.9 50.9
71 40.9 31.9 47.9



#30
Chloroform
Concen: 20.626 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 83 Resp: 89923
Ion Ratio Lower Upper
83 100
85 67.5 52.3 78.5





#31

Cyclohexane

Concen: 20.567 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

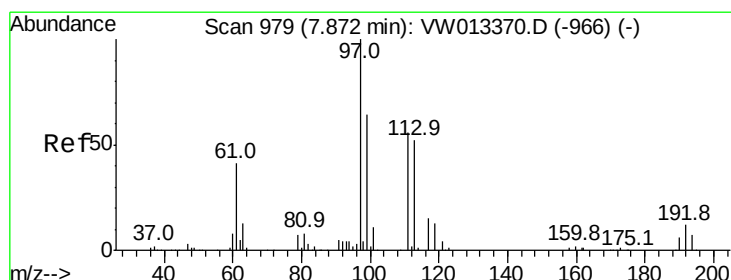
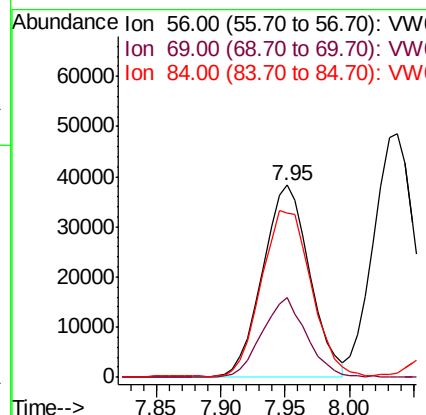
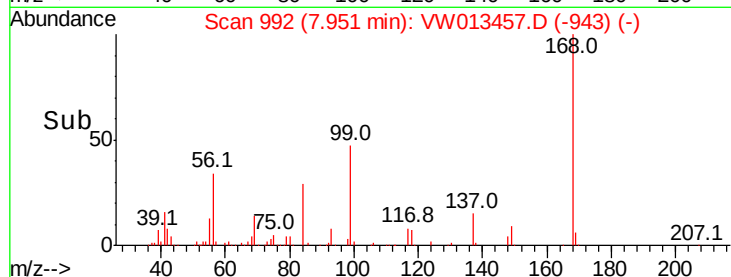
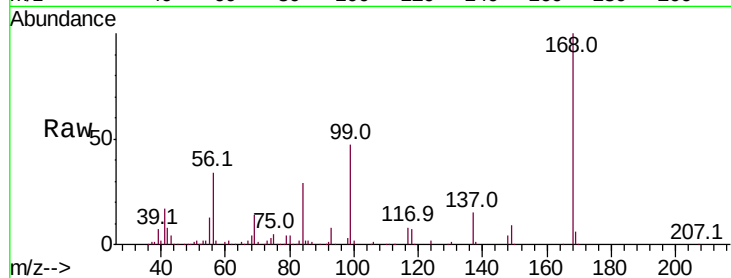
Tot Ion: 56 Resp: 97521

Ion Ratio Lower Upper

56 100

69 41.1 27.2 40.8#

84 84.5 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 21.205 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

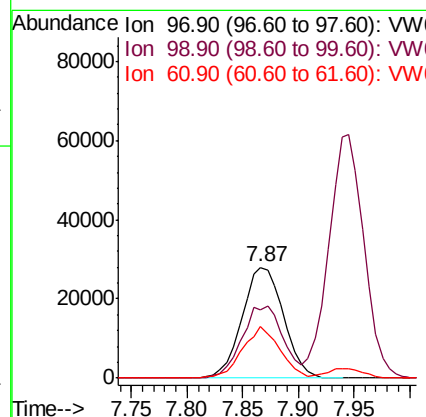
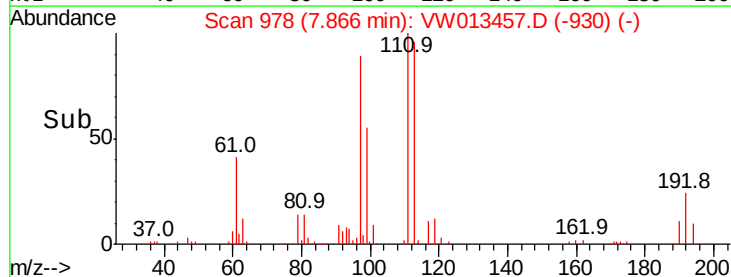
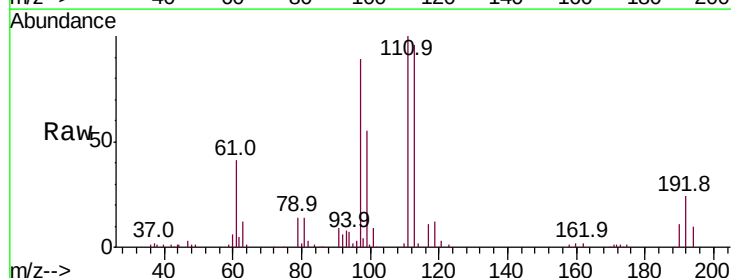
Tgt Ion: 97 Resp: 72429

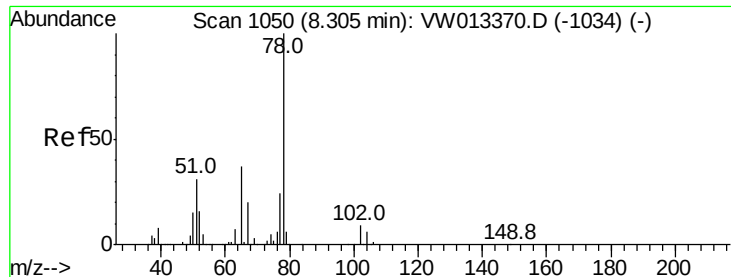
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 42.0 34.6 51.8

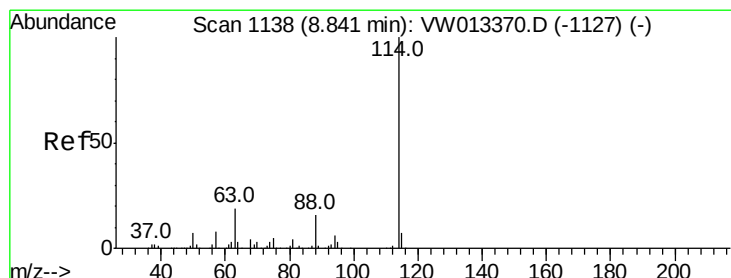
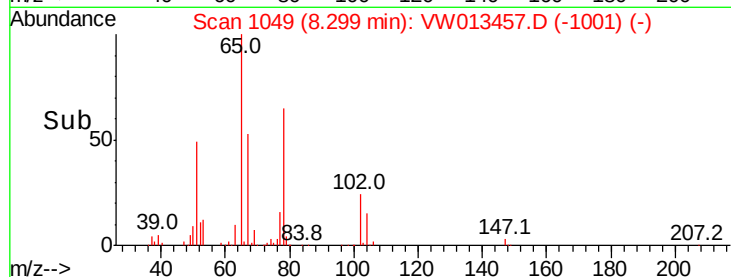
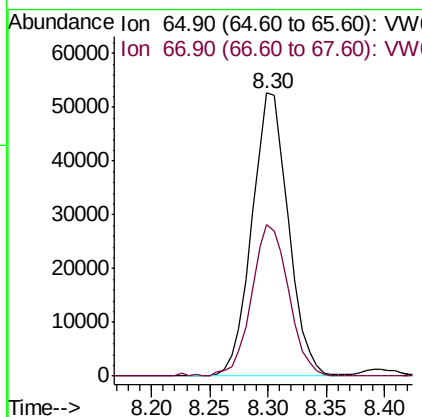
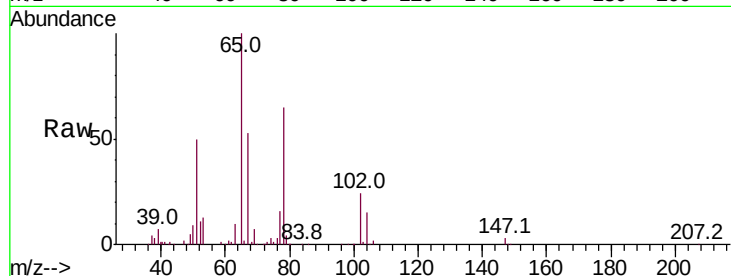




#33
 1,2-Dichloroethane-d4
 Concen: 55.577 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

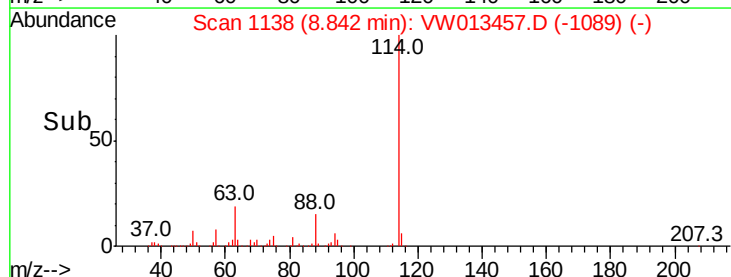
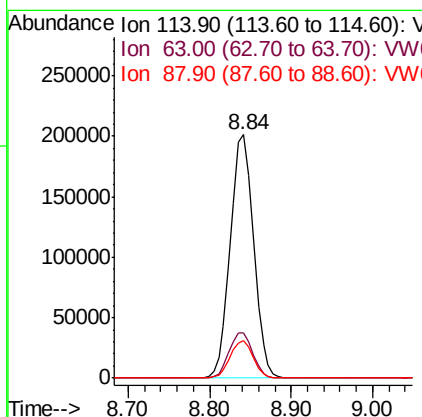
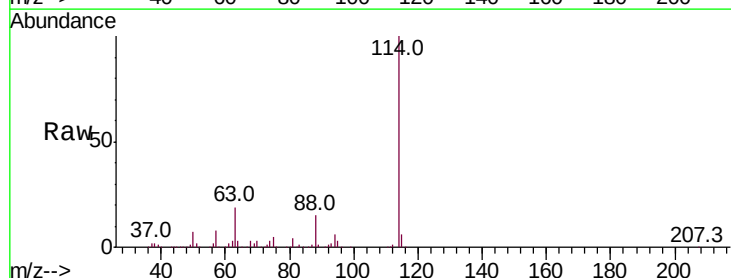
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

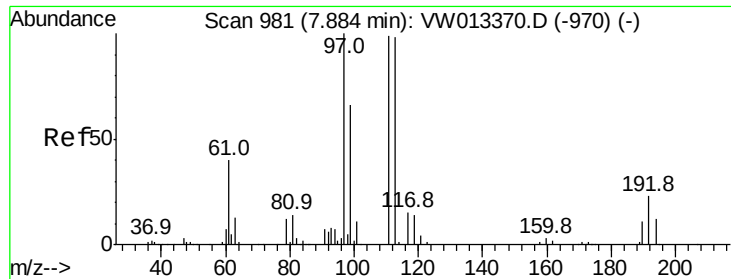
Tot Ion: 65 Resp: 115187
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 114 Resp: 395601
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.3 0.0 32.0

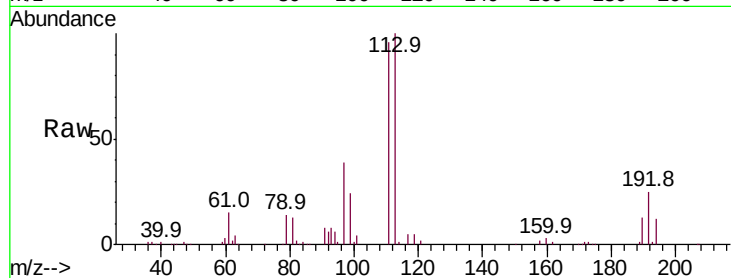




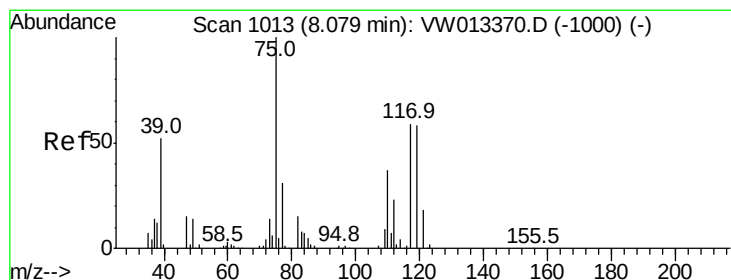
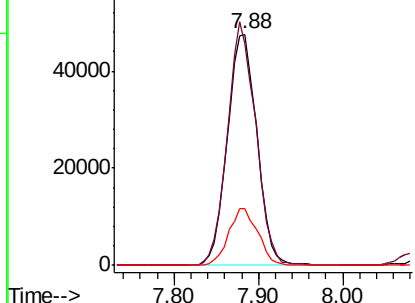
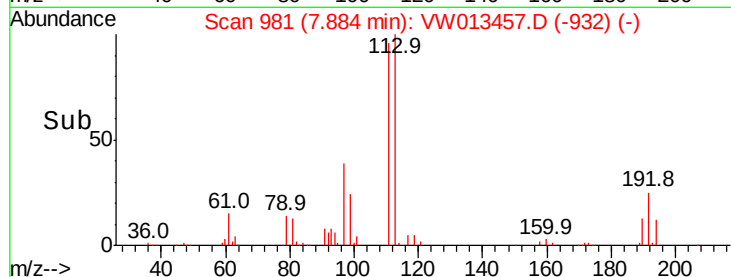
#35
 Dibromofluoromethane
 Concen: 54.563 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	24.2	19.1	28.7

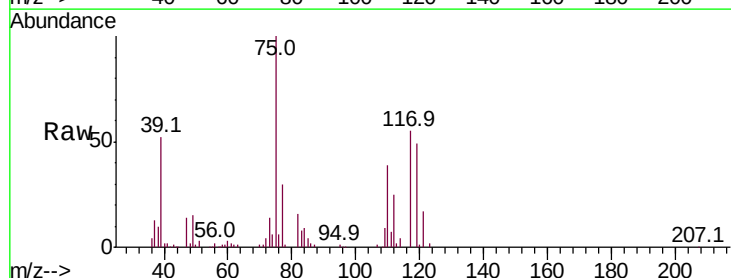


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

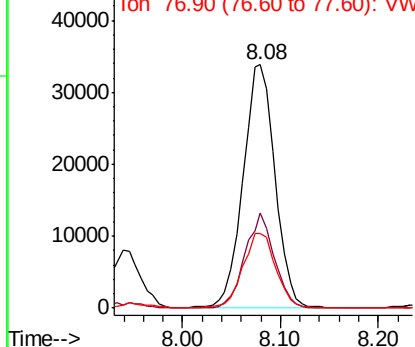
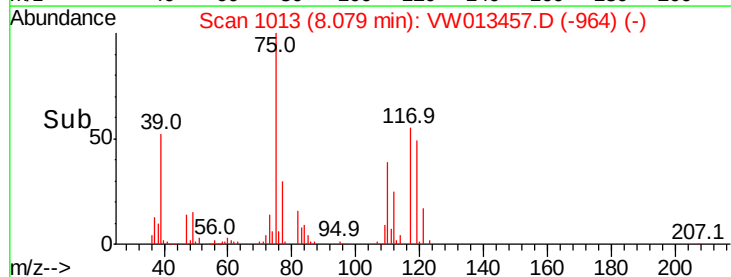


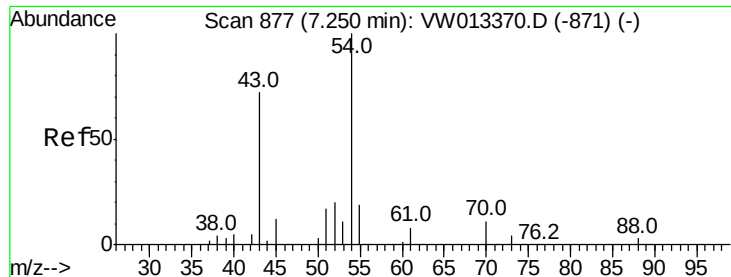
#36
 1,1-Dichloropropene
 Concen: 20.908 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.3
77	31.5	25.8	38.6



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

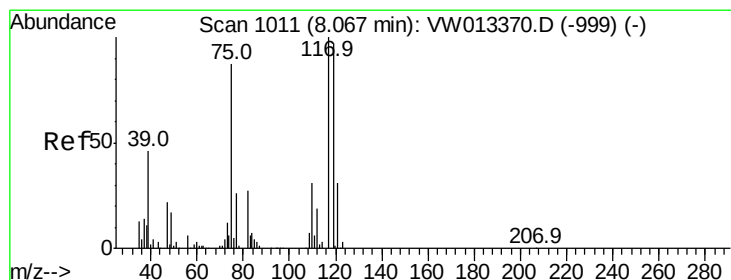
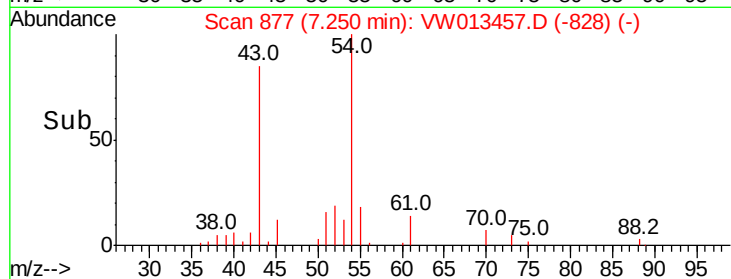
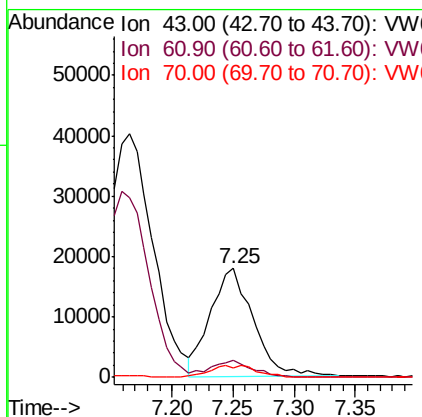
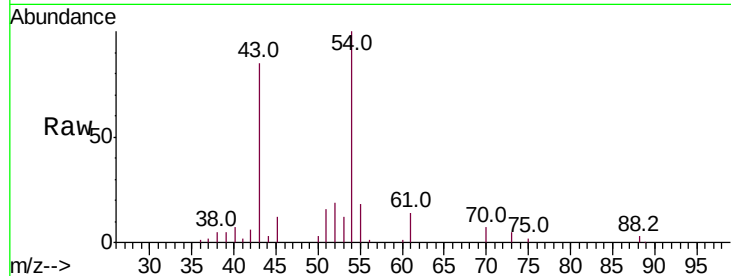




#37
Ethyl Acetate
Concen: 27.107 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

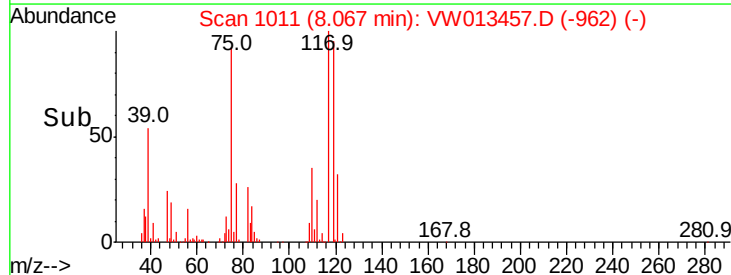
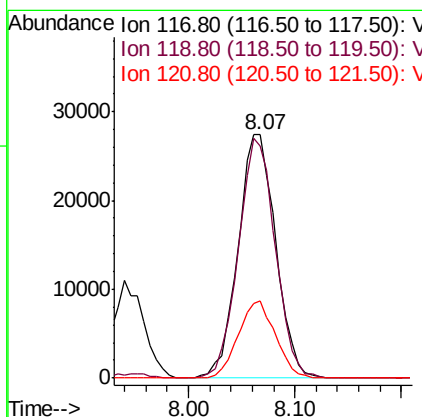
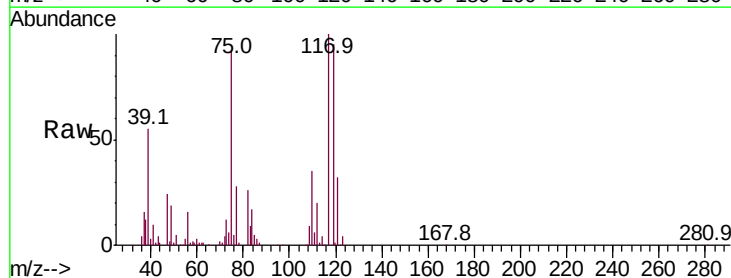
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

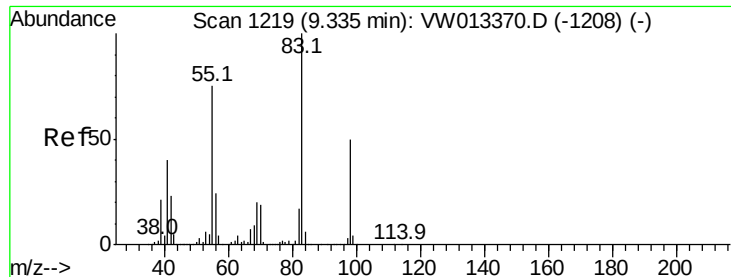
Tot Ion: 43 Resp: 43847
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 12.2 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 21.357 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 117 Resp: 67976
Ion Ratio Lower Upper
117 100
119 95.5 73.5 110.3
121 31.8 25.0 37.6

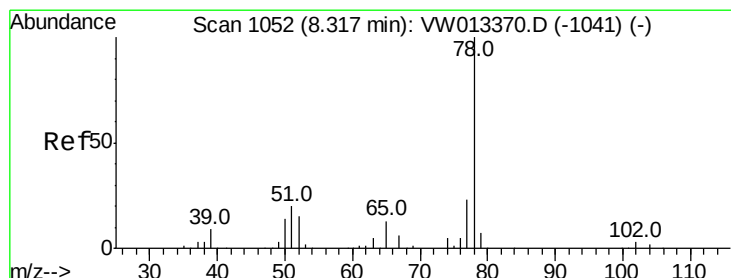
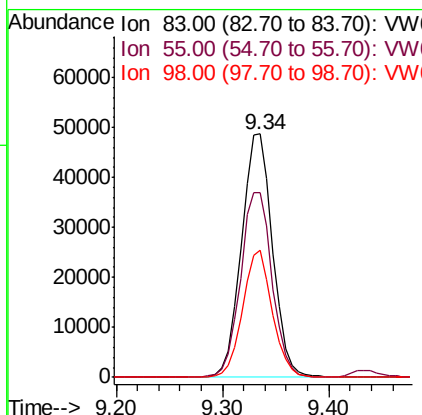
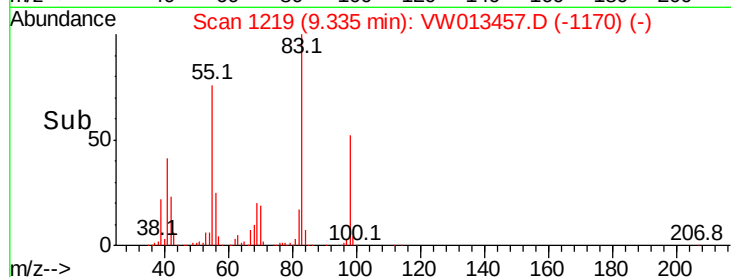
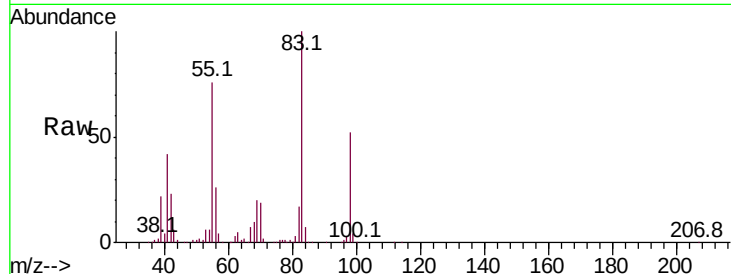




#39
Methylvlcyclohexane
Concen: 20.613 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

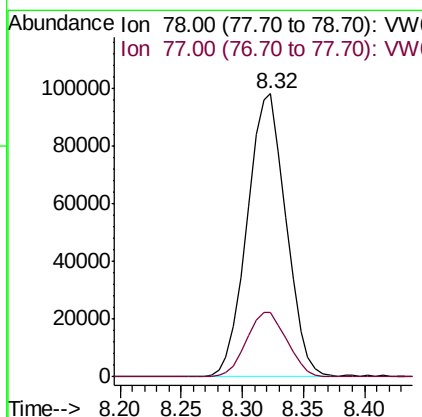
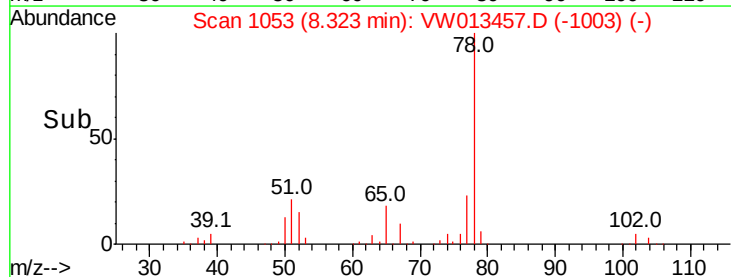
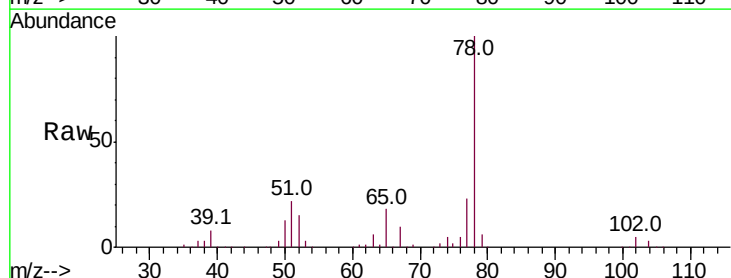
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

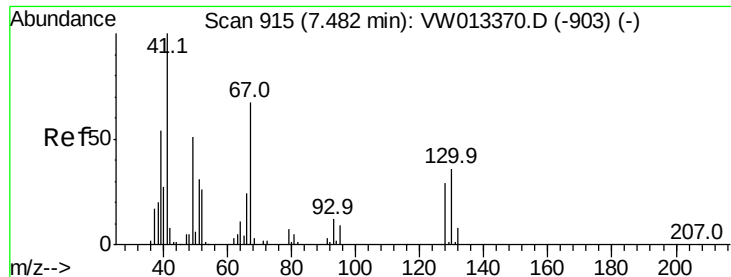
Tot Ion: 83 Resp: 99746
Ion Ratio Lower Upper
83 100
55 76.1 60.4 90.6
98 52.5 40.0 60.0



#40
Benzene
Concen: 20.913 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 78 Resp: 217519
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





#41

Methacrylonitrile

Concen: 23.415 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion: 41 Resp: 22894

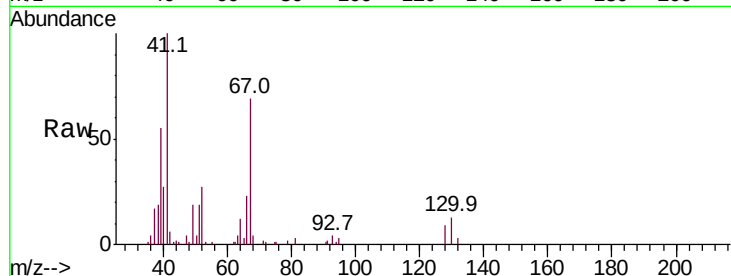
Ion Ratio Lower Upper

41 100

39 58.4 45.9 68.9

67 79.5 54.5 81.7

52 29.6 22.5 33.7



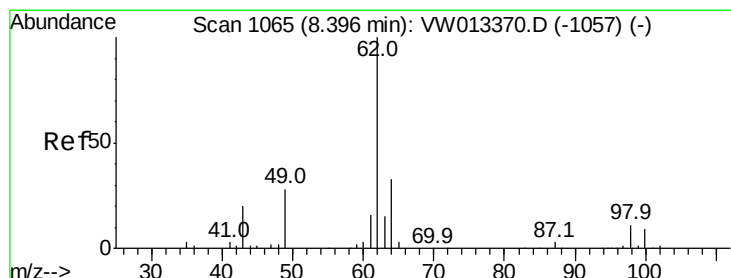
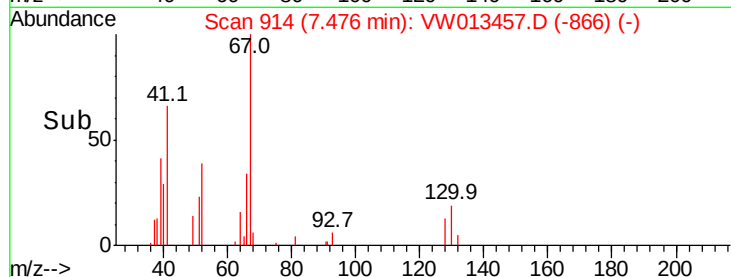
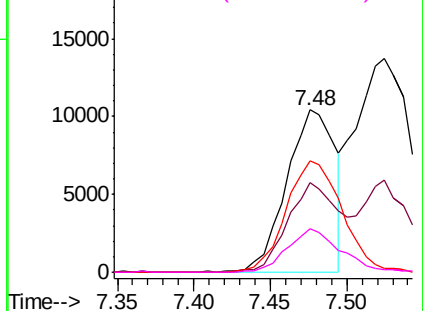
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.033 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW013457.D

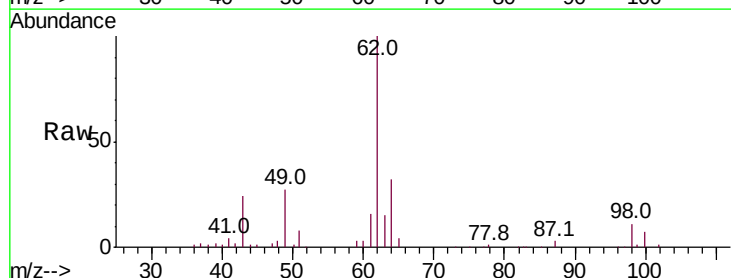
Acq: 07 Oct 2019 12:34

Tgt Ion: 62 Resp: 58900

Ion Ratio Lower Upper

62 100

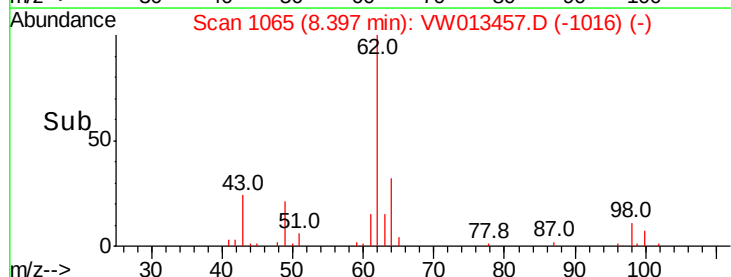
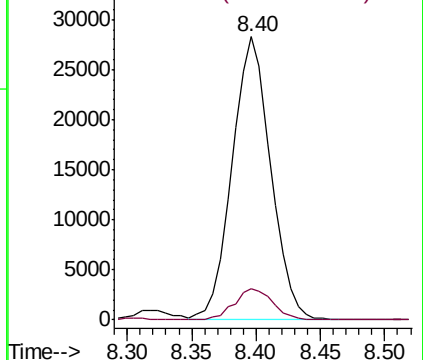
98 10.8 0.0 20.6

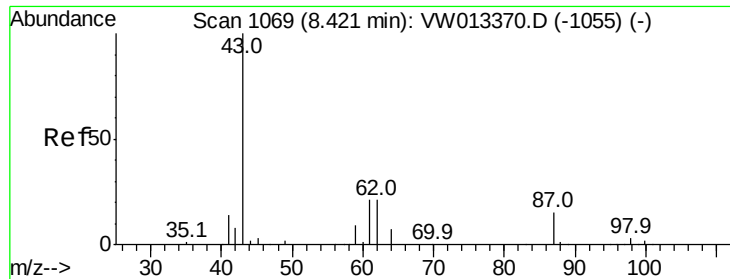


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 25.486 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

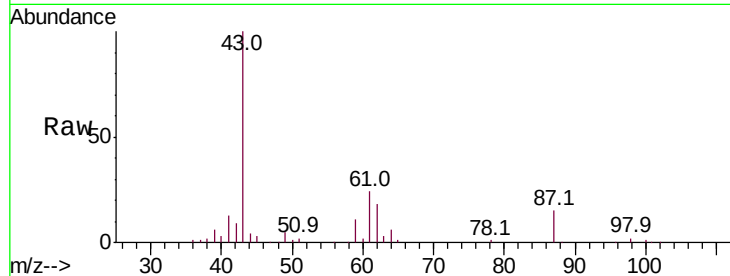
MSVOA_W

ClientSampleId :

VW1007SBSD01

Tot Ion: 43 Resp: 77785

Ion	Ratio	Lower	Upper
43	100		
61	30.6	25.5	38.3
87	13.9	11.0	16.4

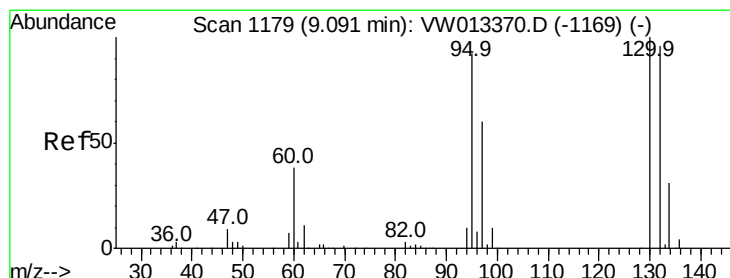
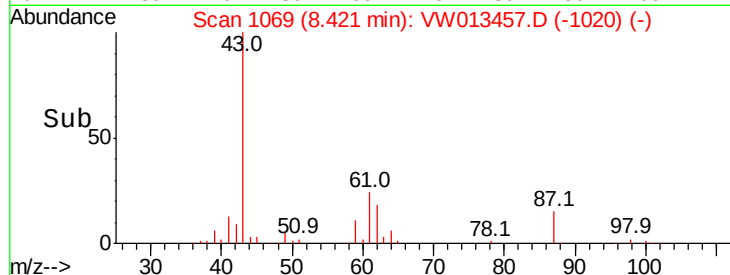
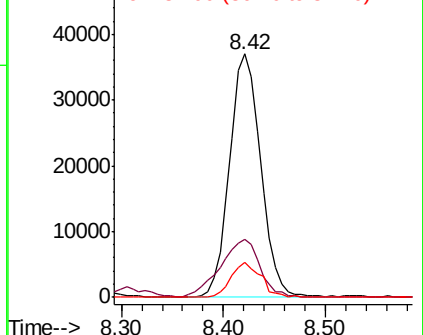


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.827 ug/l

RT: 9.09 min Scan# 1179

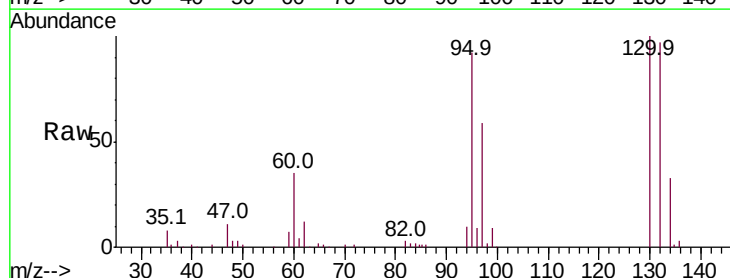
Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Tgt Ion: 130 Resp: 61003

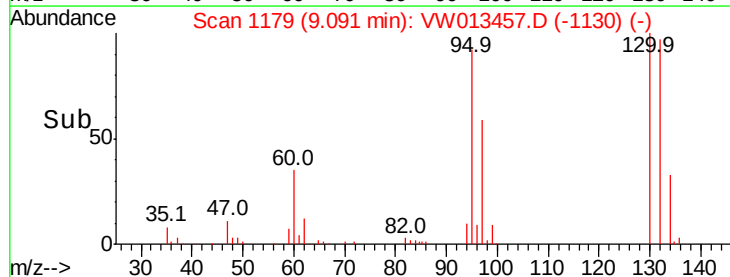
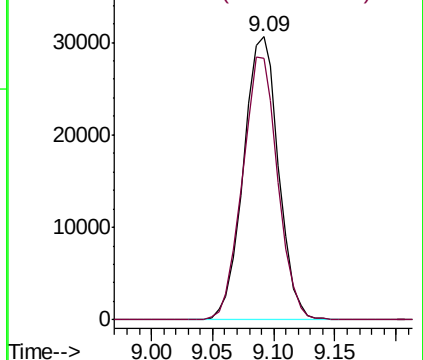
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	188.0

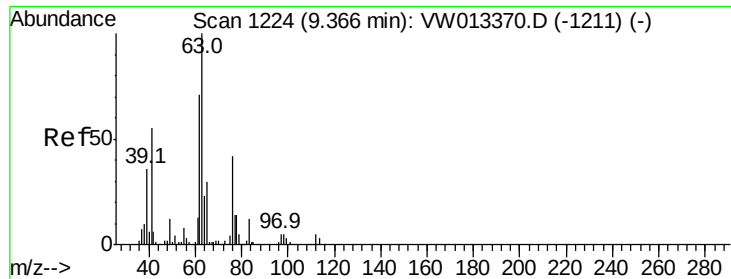


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

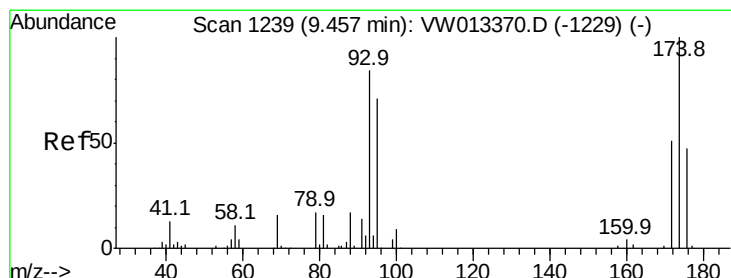
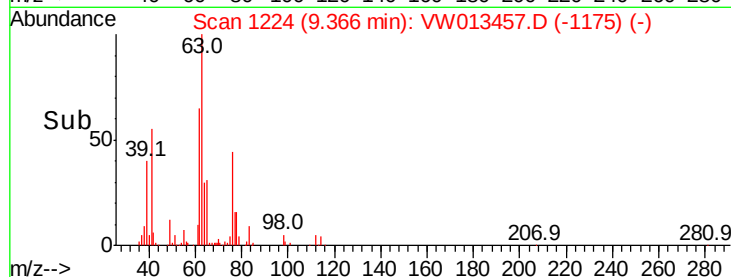
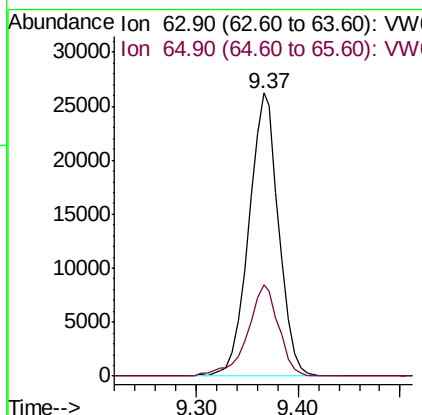
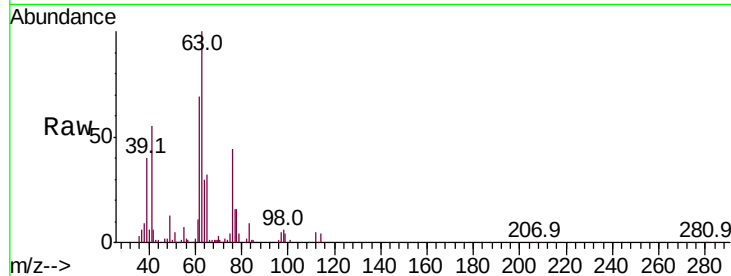




#45
 1,2-Dichloropropane
 Concen: 21.315 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

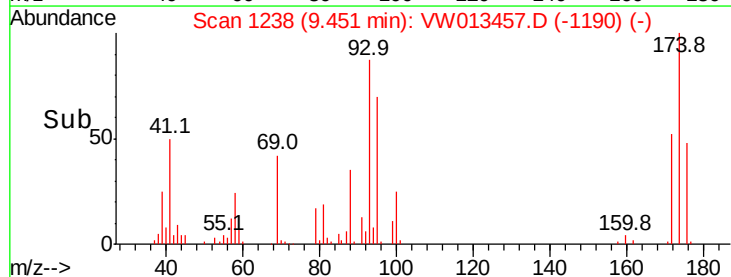
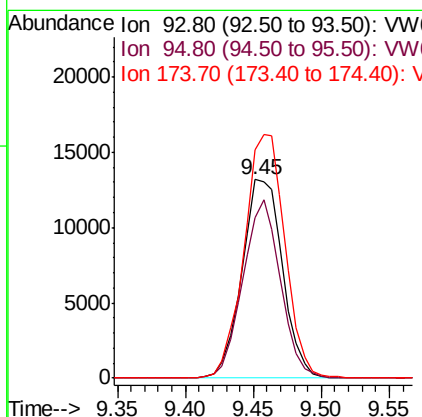
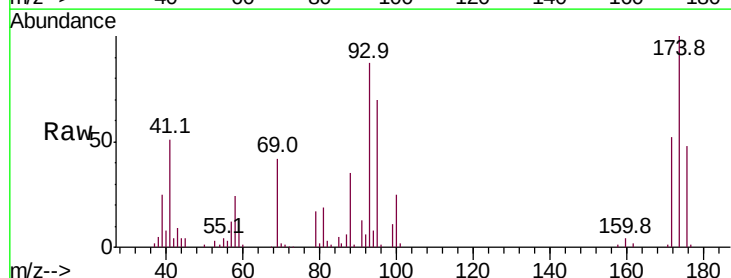
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

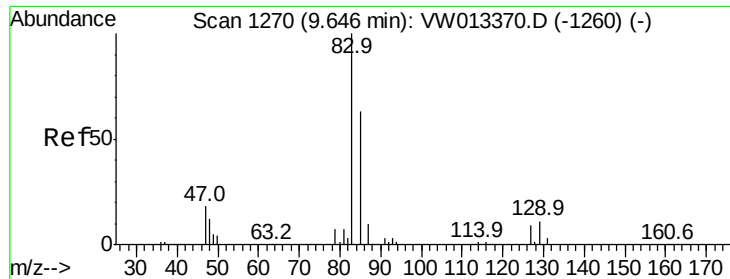
Tot Ion: 63 Resp: 53231
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9



#46
 Dibromomethane
 Concen: 22.145 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 93 Resp: 27546
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 123.4 93.0 139.6





#47

Bromodichloromethane

Concen: 21.693 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

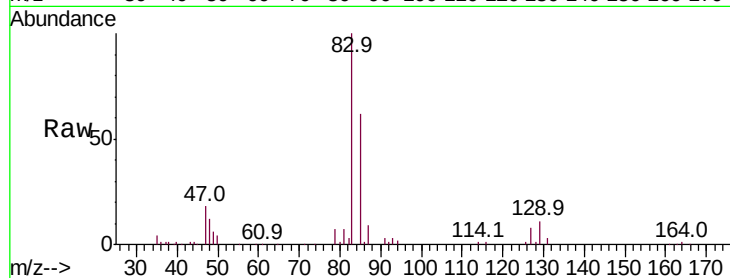
Tot Ion: 83 Resp: 66427

Ion Ratio Lower Upper

83 100

85 61.9 49.4 74.2

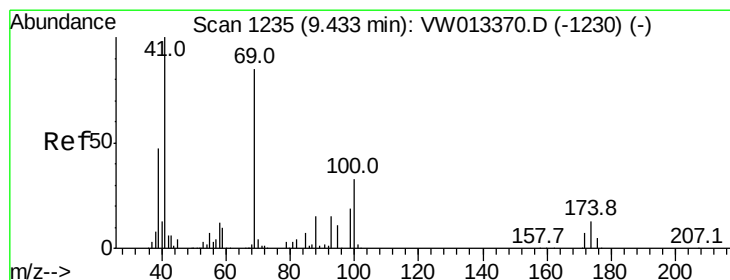
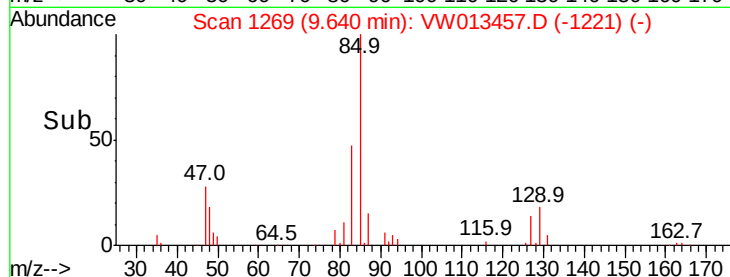
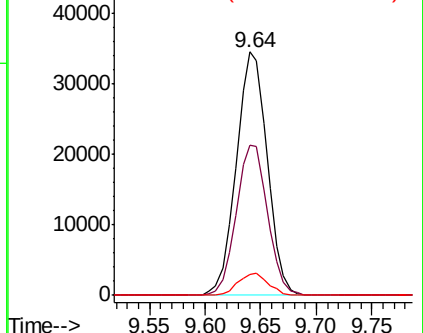
127 8.5 6.5 9.7



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): VW



#48

Methyl methacrylate

Concen: 23.935 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

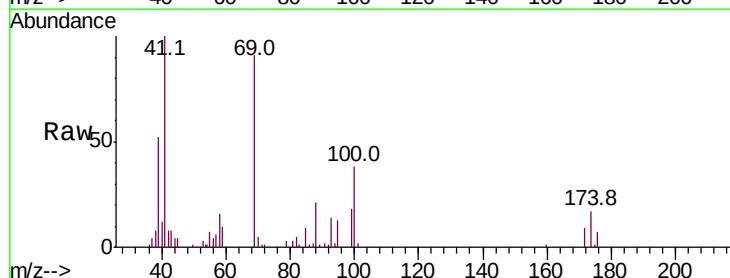
Tgt Ion: 41 Resp: 35101

Ion Ratio Lower Upper

41 100

69 92.3 69.7 104.5

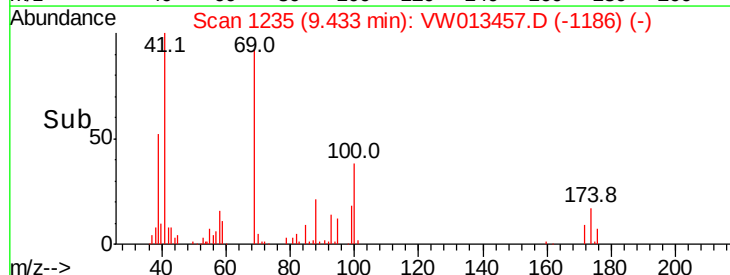
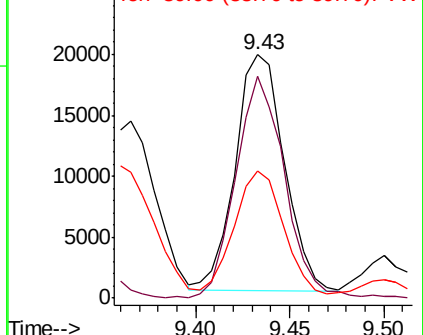
39 55.3 41.1 61.7

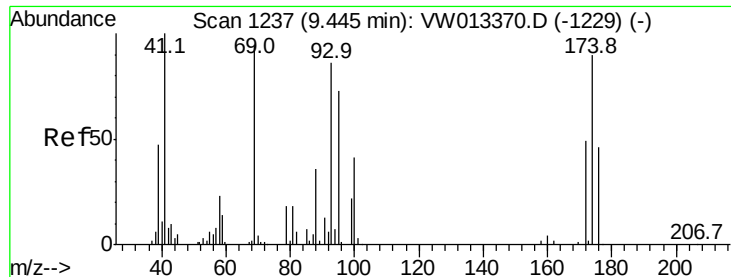


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 615.729 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

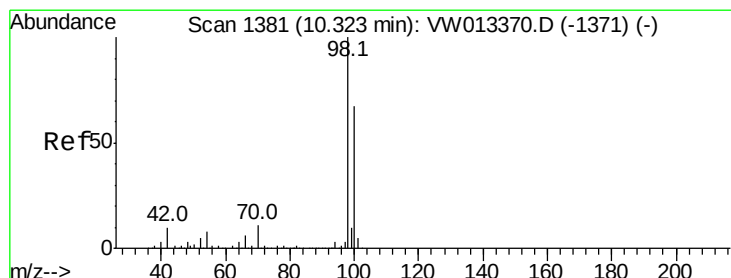
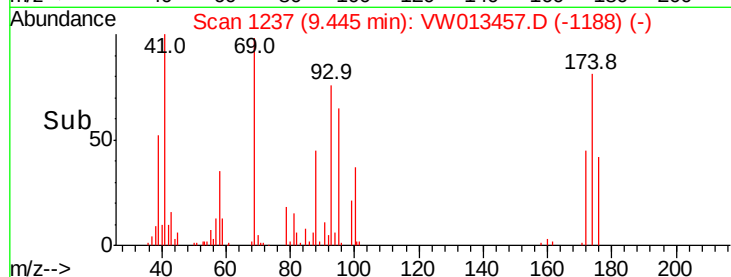
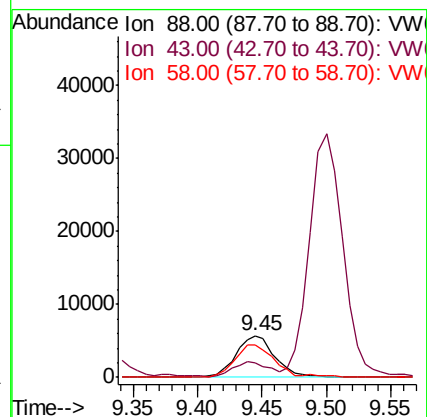
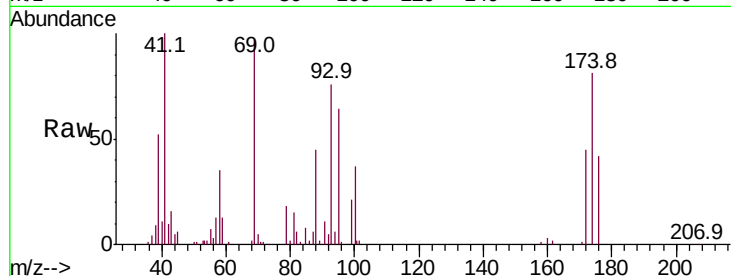
Tot Ion: 88 Resp: 11965

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 78.2 65.4 98.0



#50

Toluene-d8

Concen: 54.531 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013457.D

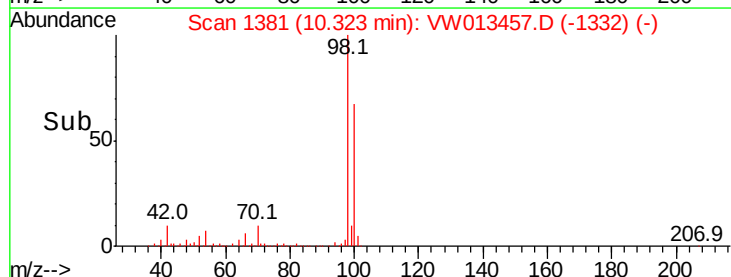
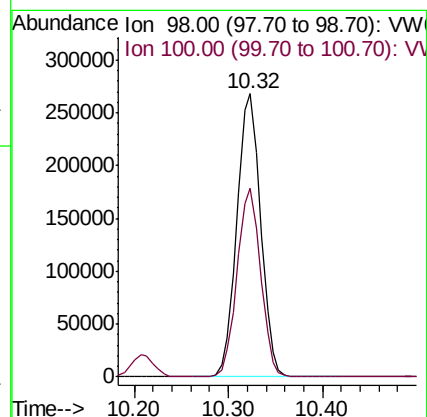
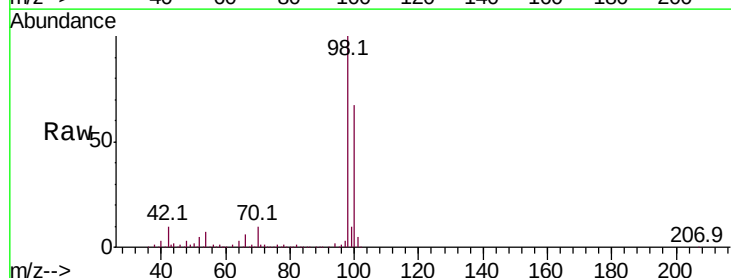
Acq: 07 Oct 2019 12:34

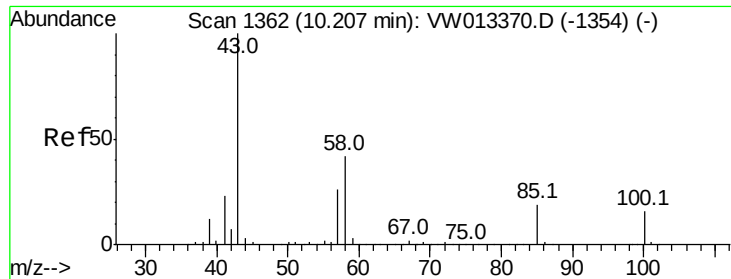
Tgt Ion: 98 Resp: 469744

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 133.357 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampled :

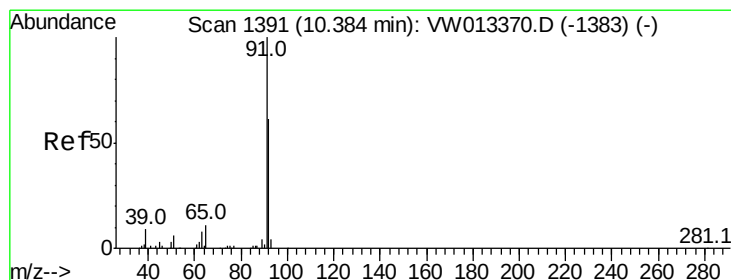
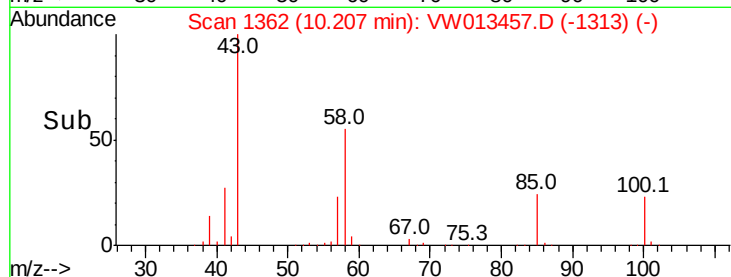
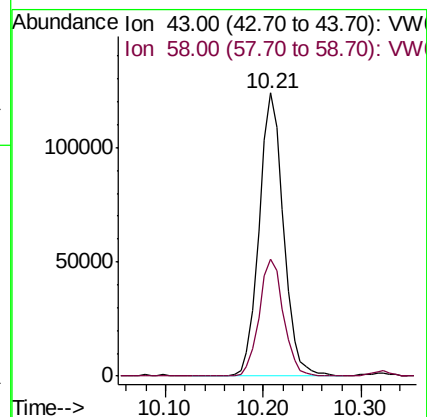
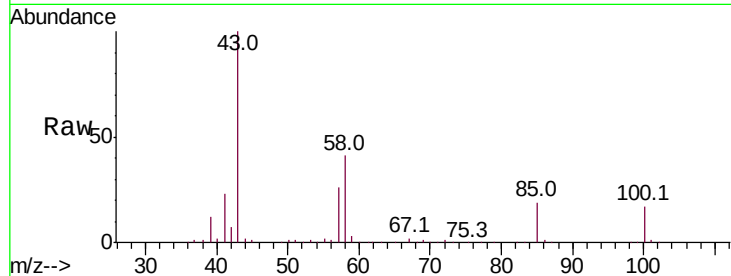
VW1007SBS01

Tot Ion: 43 Resp: 213847

Ion Ratio Lower Upper

43 100

58 41.5 31.7 47.5



#52

Toluene

Concen: 21.090 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013457.D

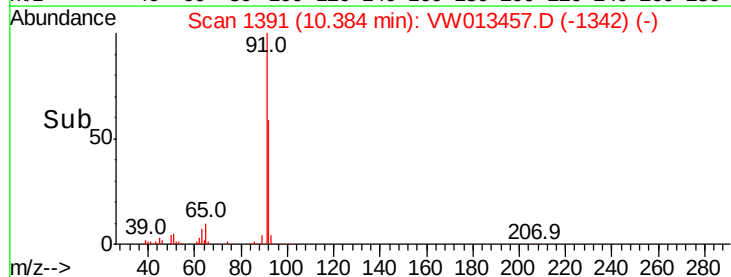
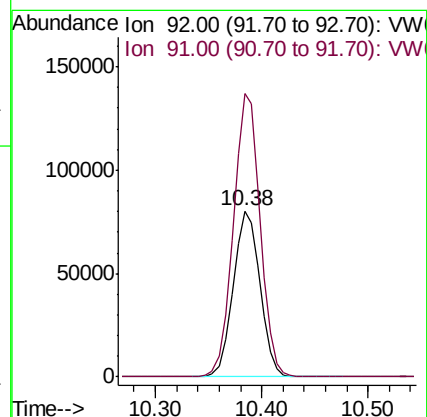
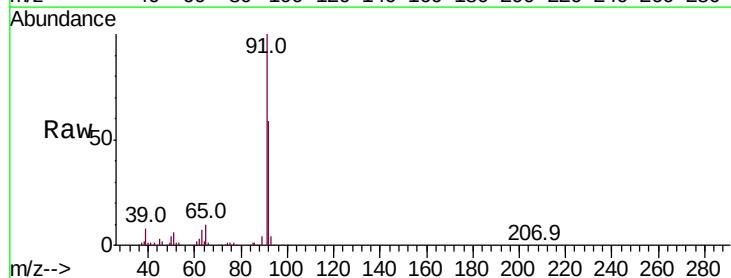
Acq: 07 Oct 2019 12:34

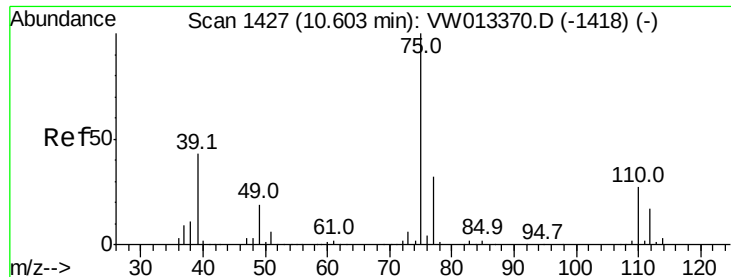
Tgt Ion: 92 Resp: 141490

Ion Ratio Lower Upper

92 100

91 170.2 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 23.010 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

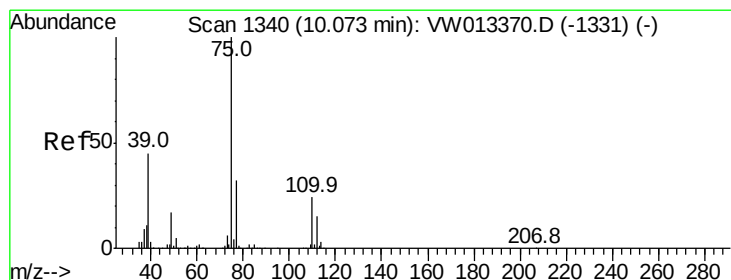
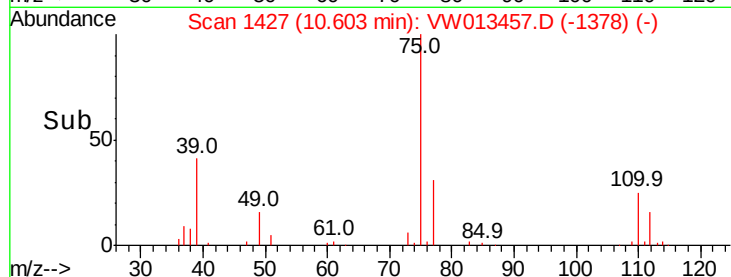
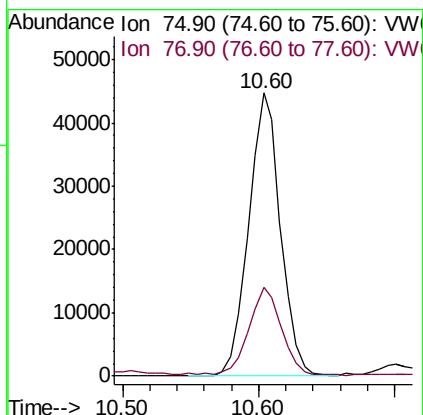
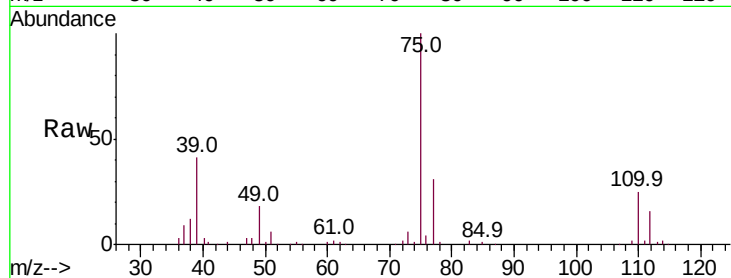
VW1007SBSD01

Tot Ion: 75 Resp: 73291

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 21.741 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

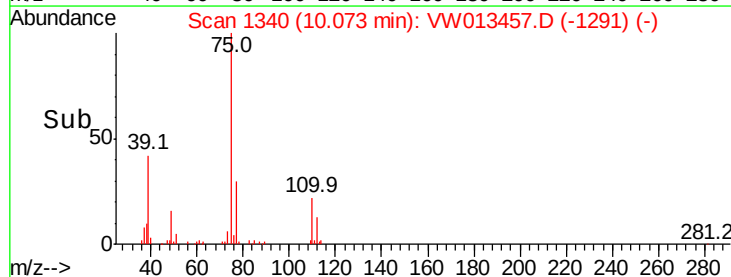
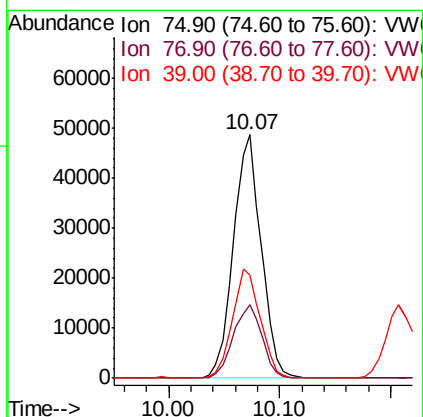
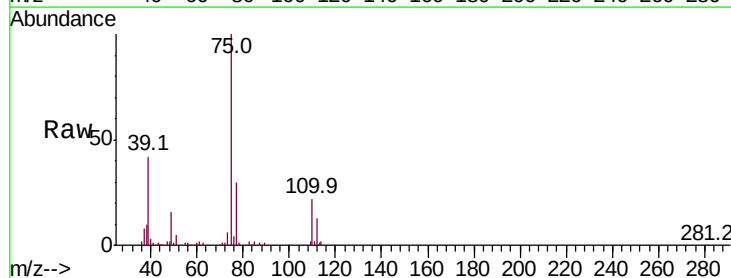
Tgt Ion: 75 Resp: 83959

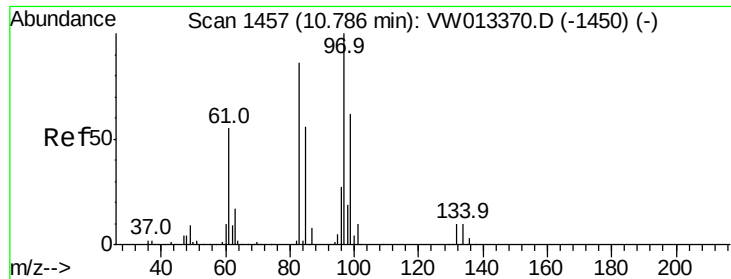
Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8

39 41.9 36.6 55.0

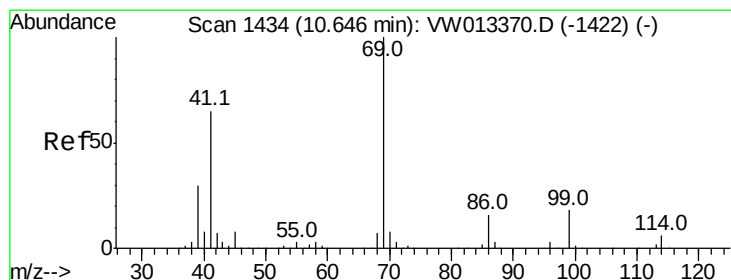
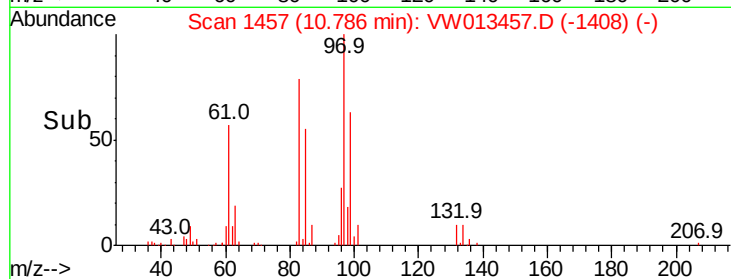
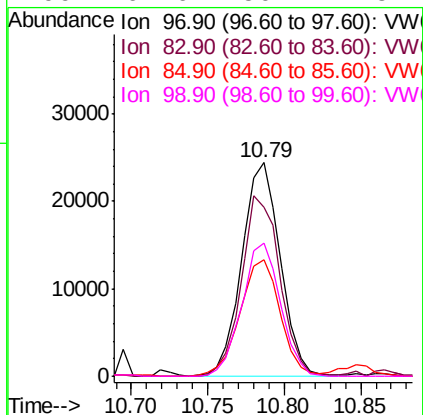
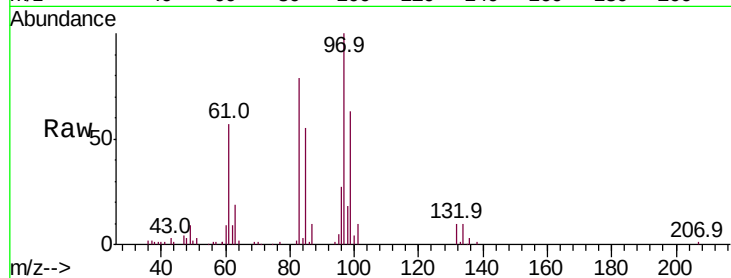




#55
 1,1,2-Trichloroethane
 Concen: 23.060 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

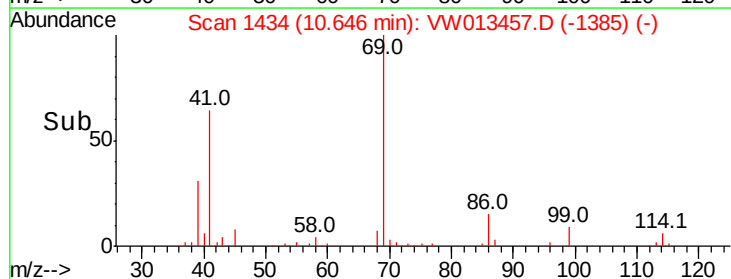
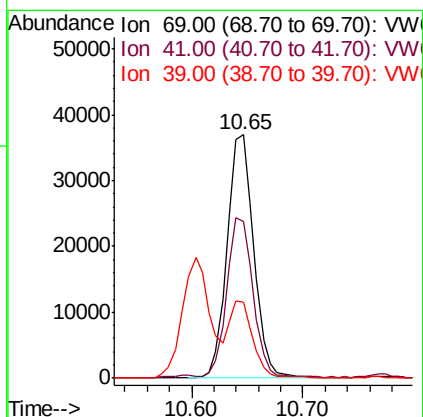
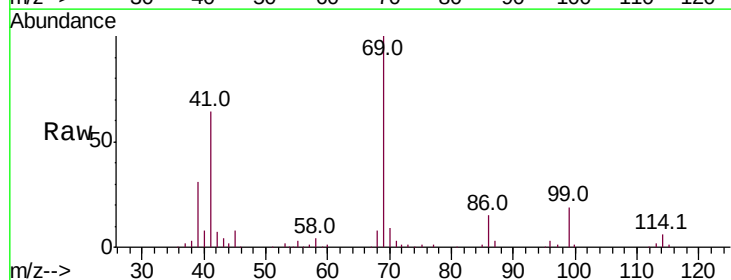
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

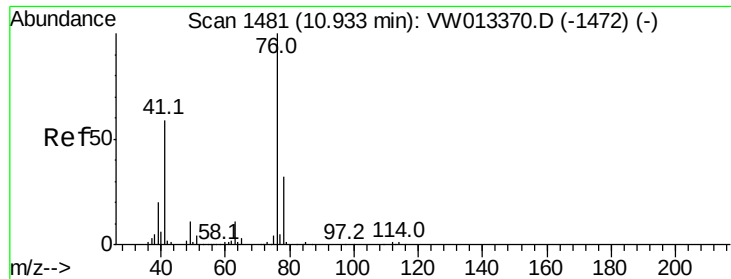
Tot Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.6	101.4
85	54.8	41.9	62.9
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 24.565 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	53.9	80.9
39	27.4	23.8	35.6

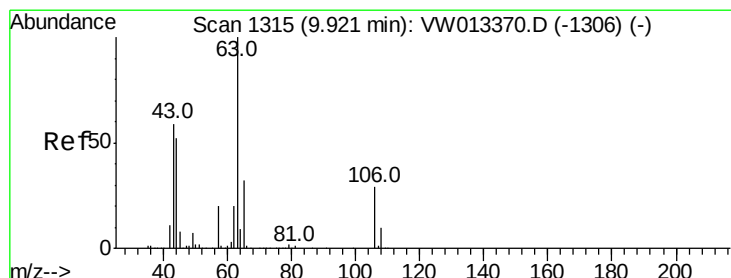
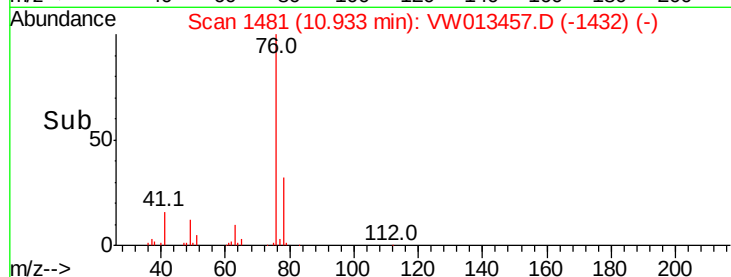
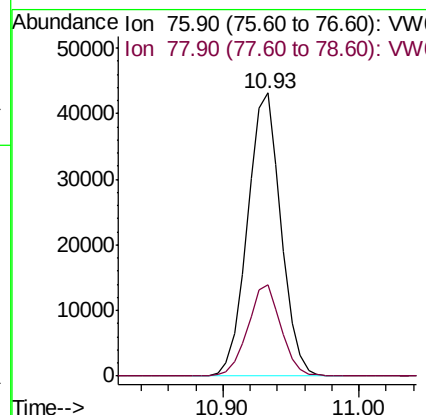
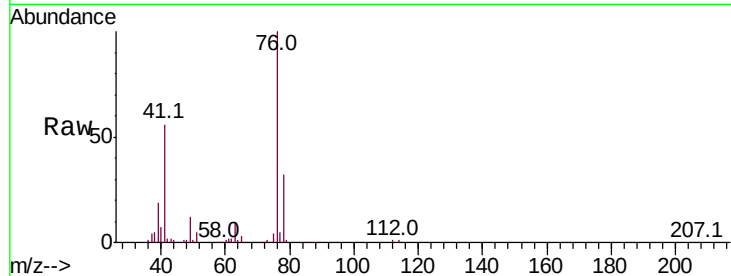




#57
 1,3-Dichloropropane
 Concen: 22.967 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

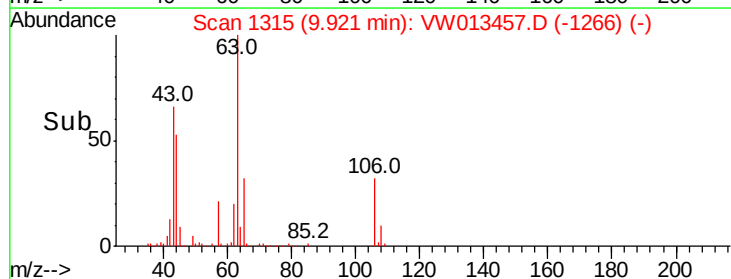
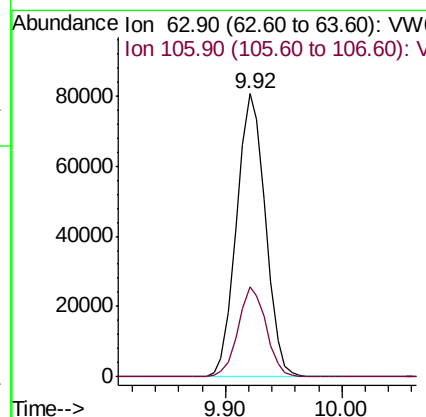
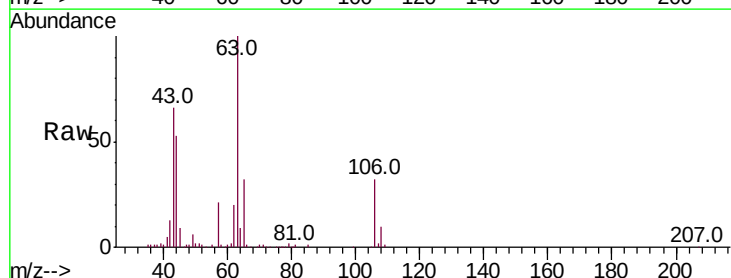
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

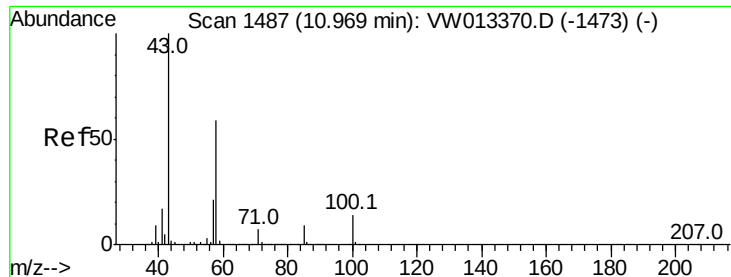
Tot Ion: 76 Resp: 74089
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 135.809 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 63 Resp: 139338
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.4 35.0

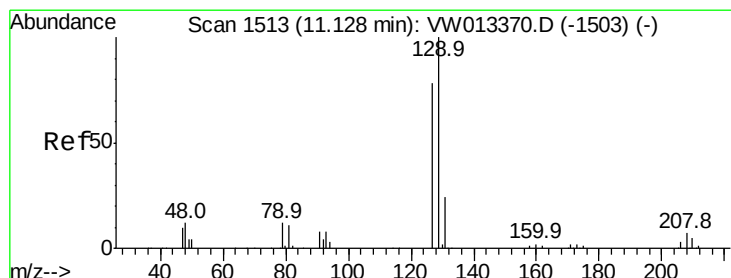
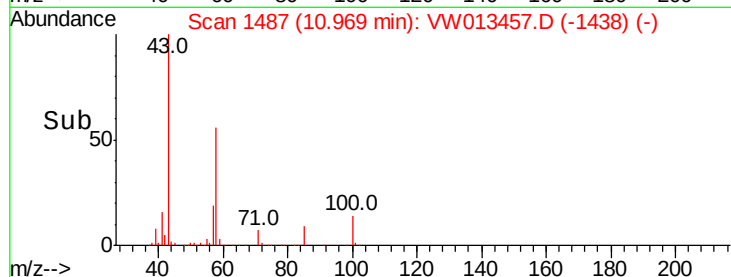
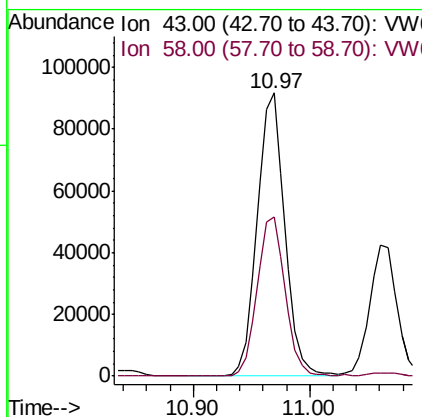
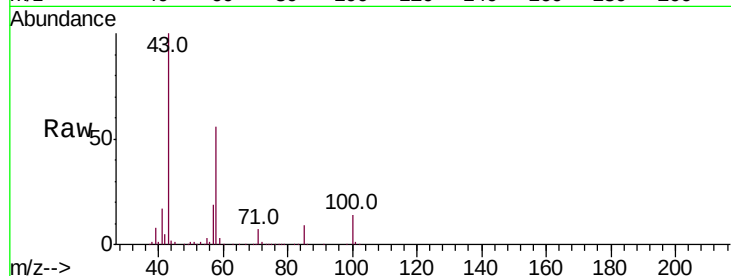




#59
2-Hexanone
Concen: 136.622 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

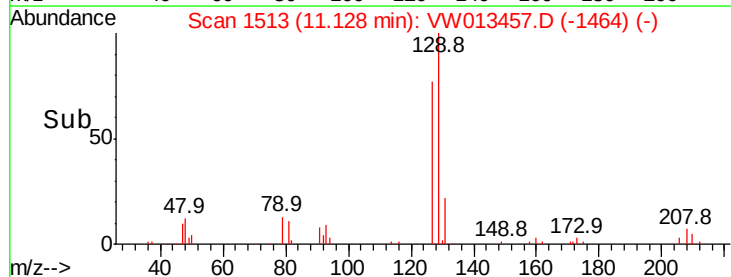
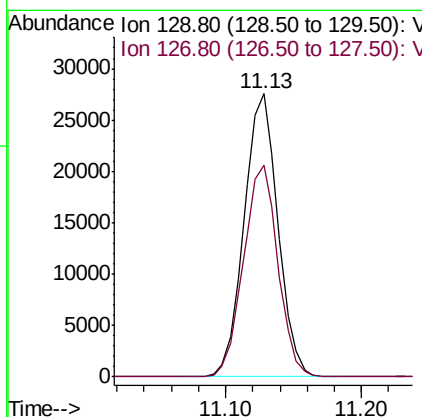
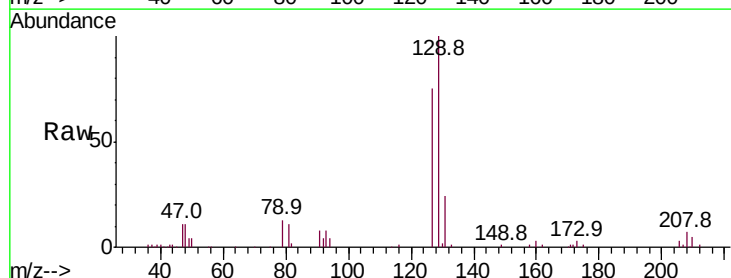
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

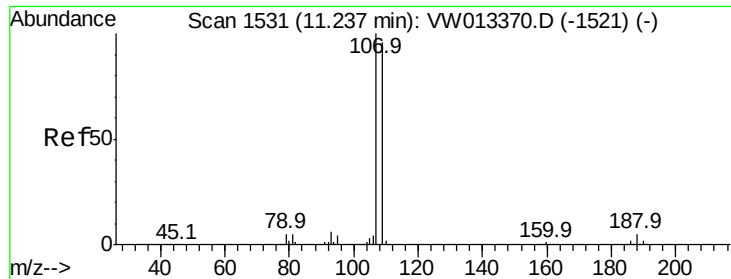
Tot Ion: 43 Resp: 151852
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.2



#60
Dibromochloromethane
Concen: 22.611 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 129 Resp: 48001
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4

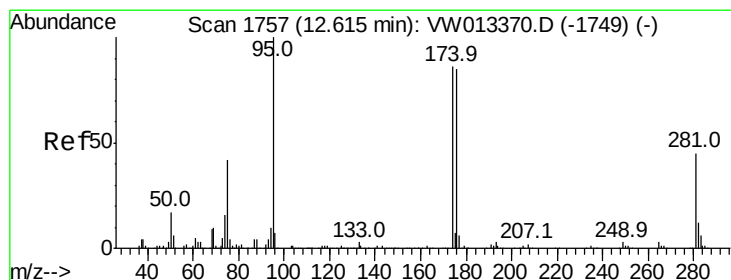
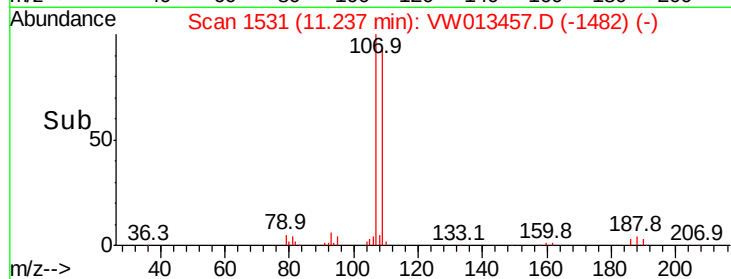
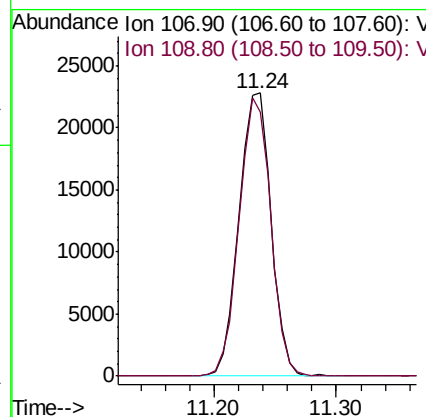
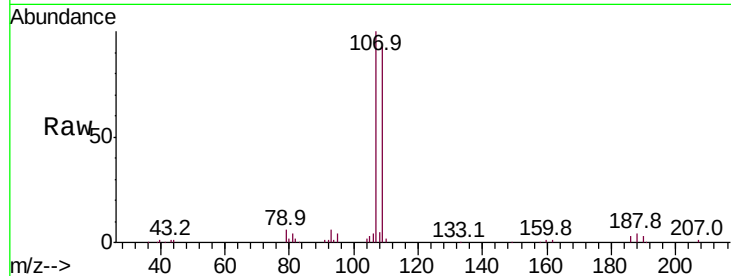




#61
 1,2-Dibromoethane
 Concen: 23.020 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

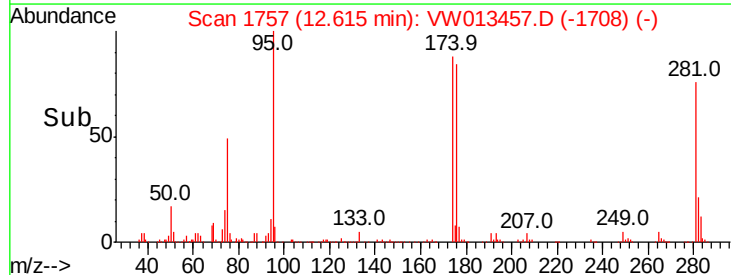
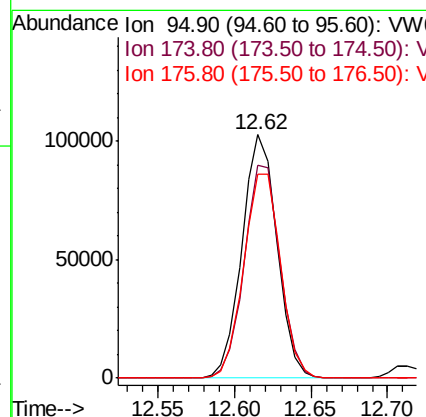
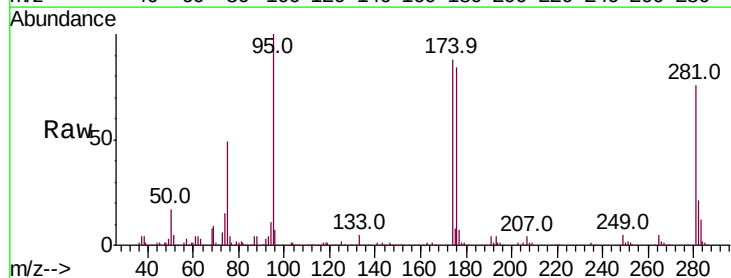
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

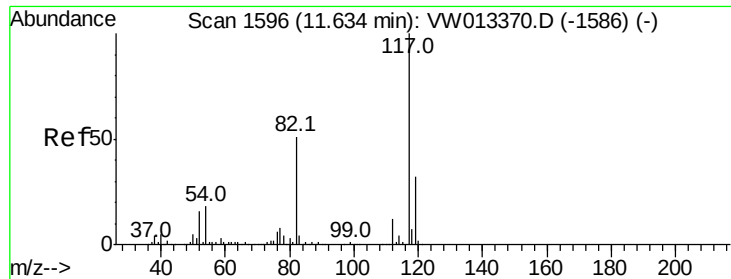
Tot Ion:107 Resp: 41277
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 56.930 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion: 95 Resp: 163765
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 178.4
 176 88.3 0.0 172.2

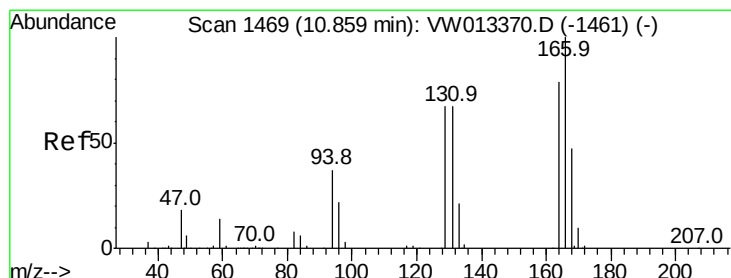
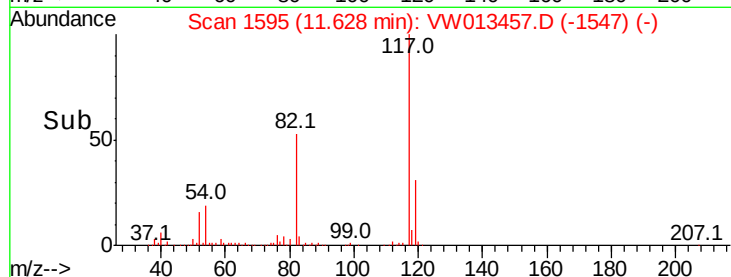
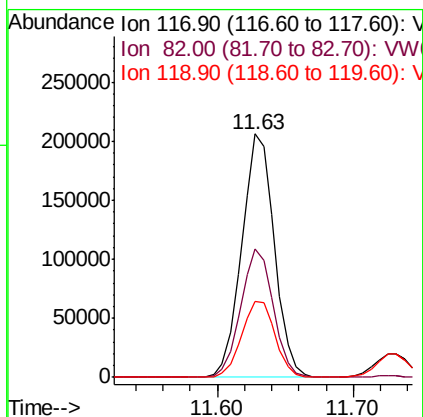
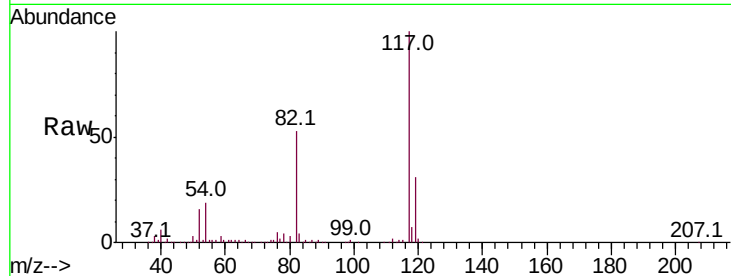




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

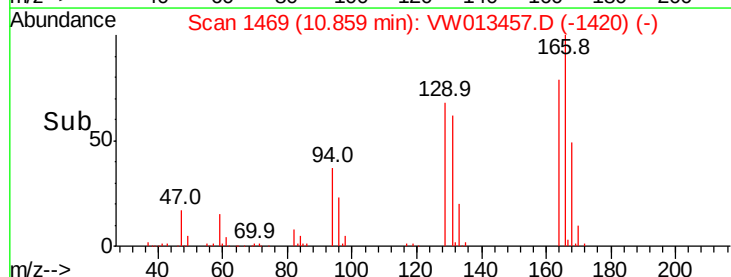
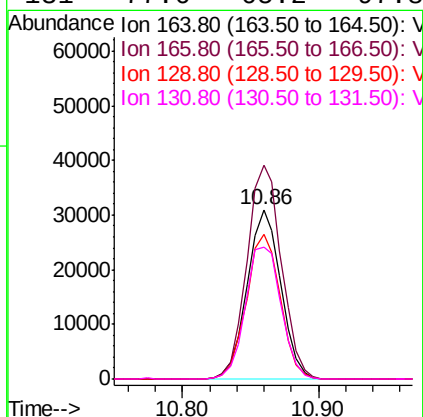
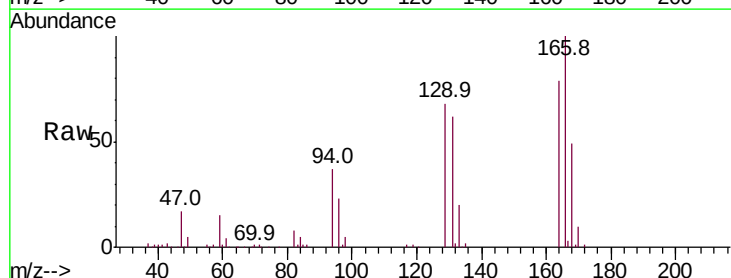
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

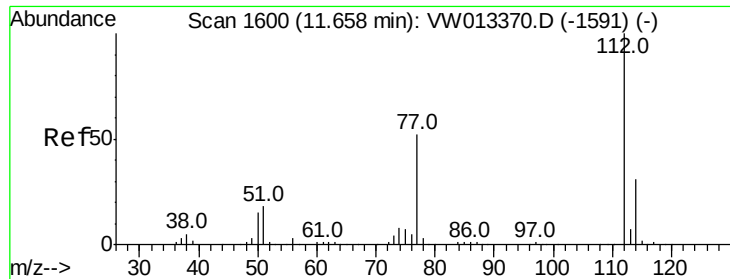
Tot Ion:117 Resp: 344408
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 31.2 26.2 39.2



#64
Tetrachloroethene
Concen: 20.573 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:164 Resp: 53906
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 85.8 68.8 103.2
131 77.6 65.2 97.8

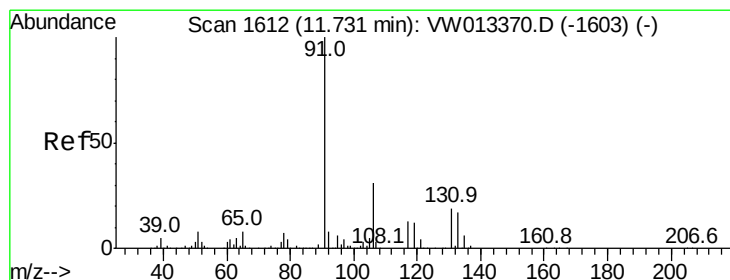
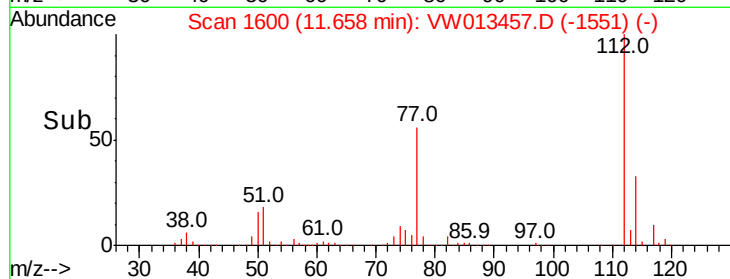
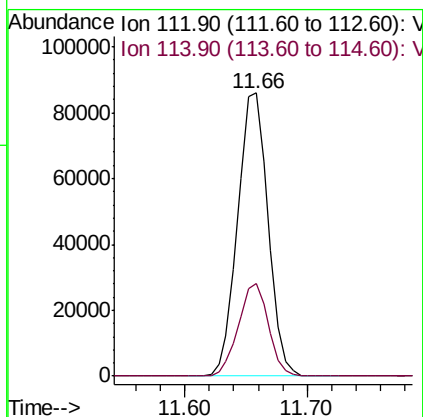
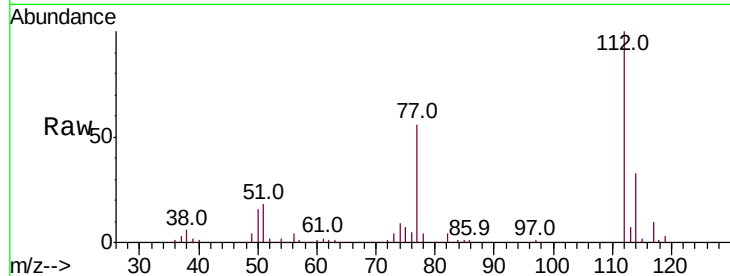




#65
Chlorobenzene
Concen: 21.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

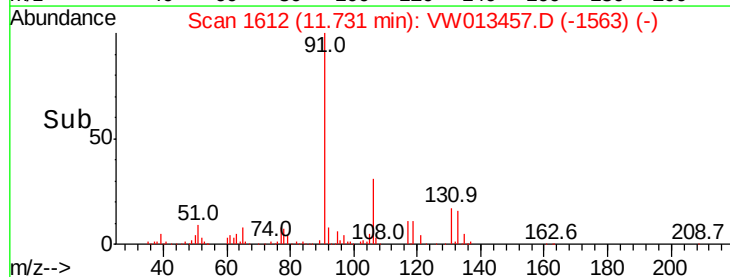
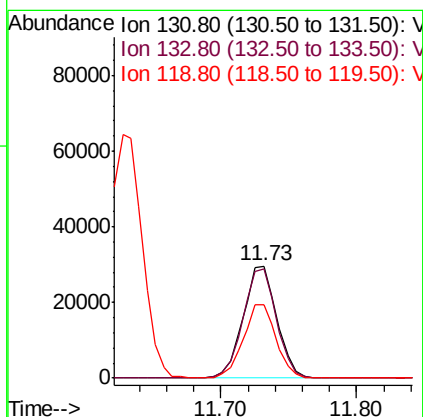
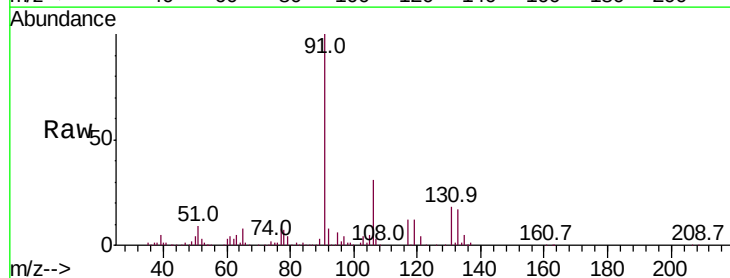
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

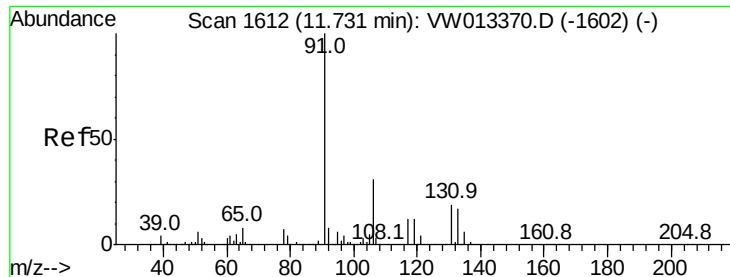
Tot Ion:112 Resp: 148214
Ion Ratio Lower Upper
112 100
114 32.8 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.330 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:131 Resp: 51259
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 63.9 32.5 97.5

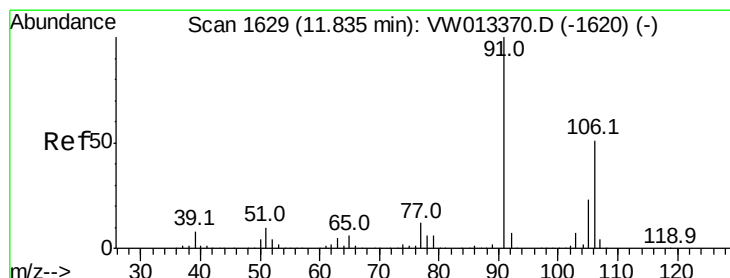
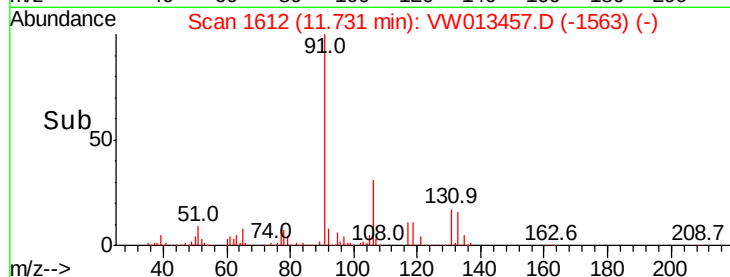
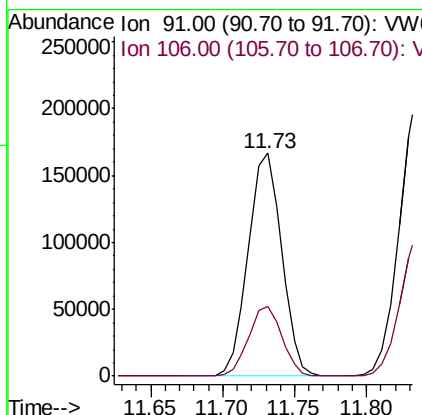
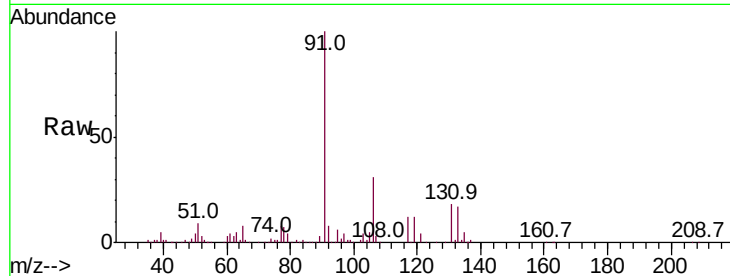




#67
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

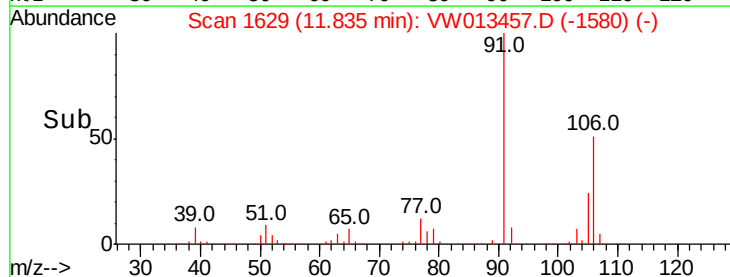
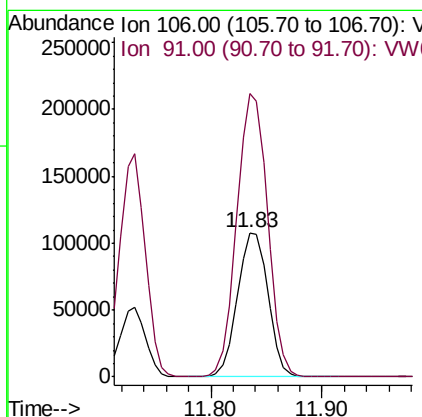
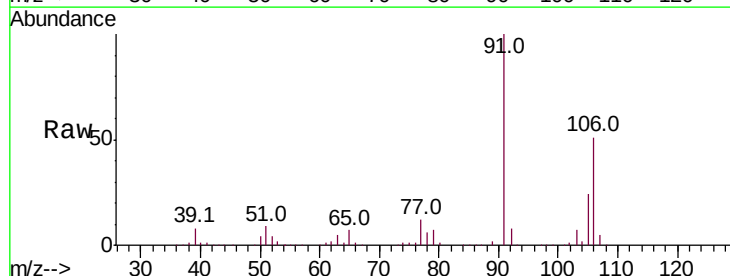
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

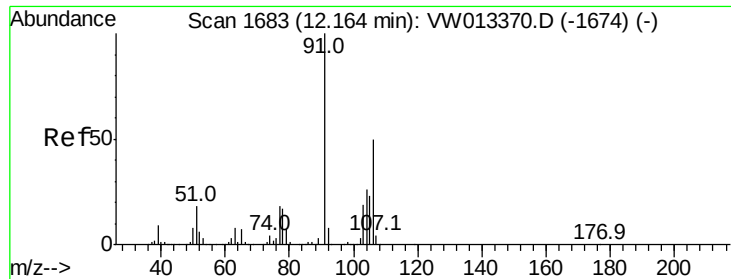
Tot Ion: 91 Resp: 268869
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 42.039 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 106 Resp: 205199
Ion Ratio Lower Upper
106 100
91 197.7 157.9 236.9

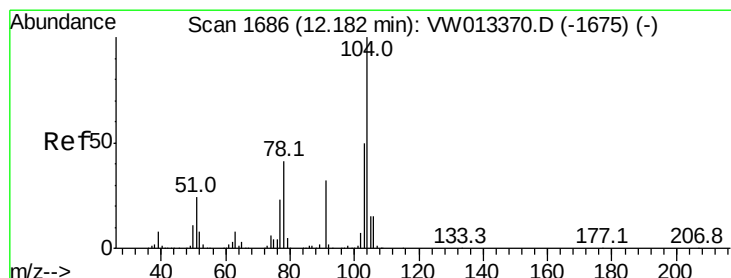
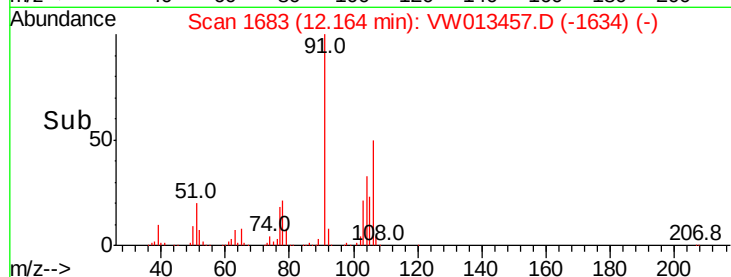
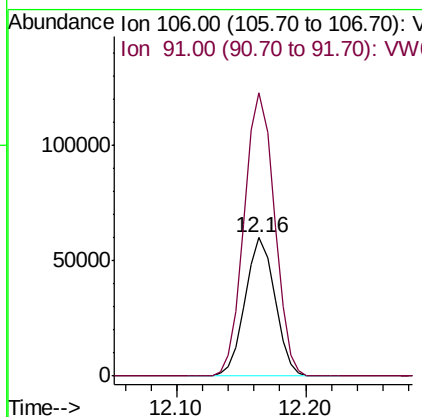
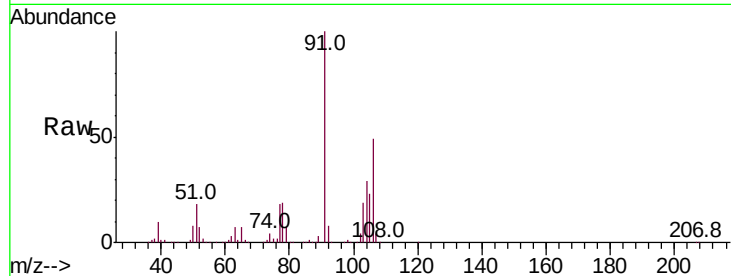




#69
o-Xylene
Concen: 21.254 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

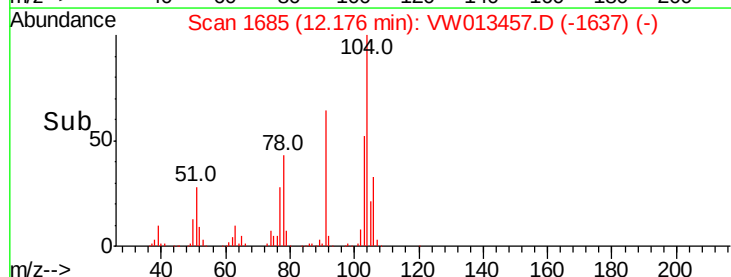
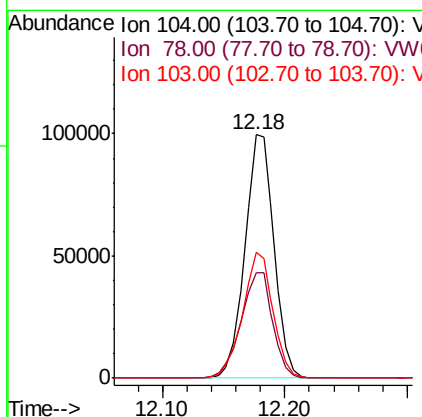
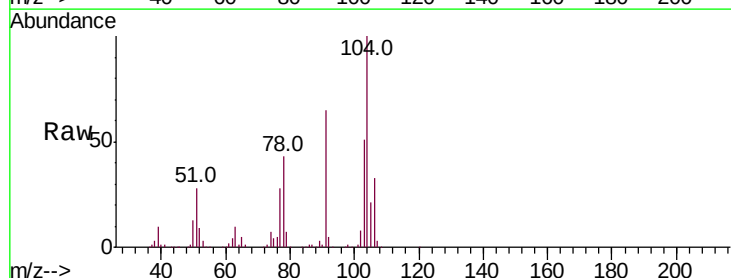
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

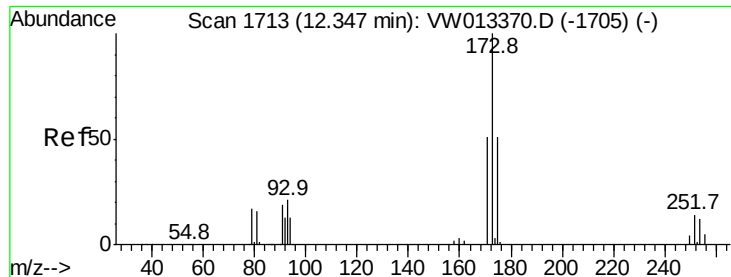
Tot Ion:106 Resp: 95921
Ion Ratio Lower Upper
106 100
91 208.3 106.5 319.5



#70
Styrene
Concen: 21.341 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:104 Resp: 164640
Ion Ratio Lower Upper
104 100
78 47.0 38.4 57.6
103 53.9 43.3 64.9

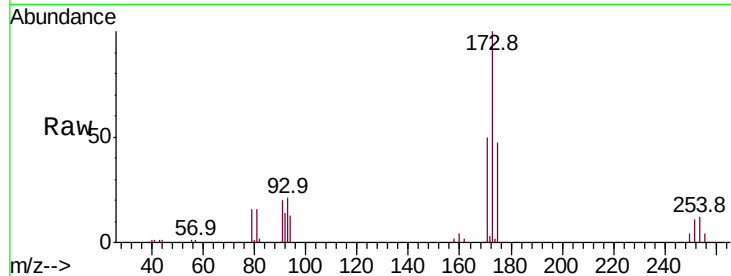




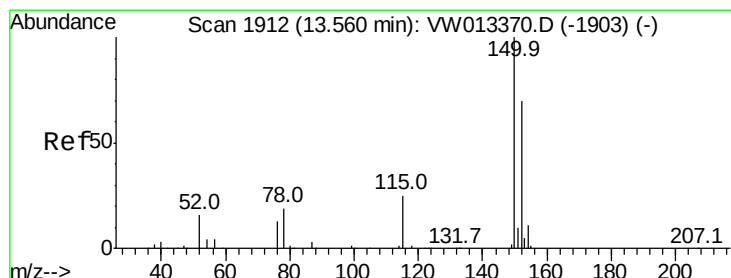
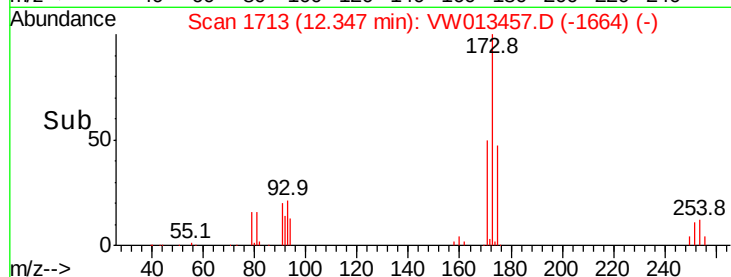
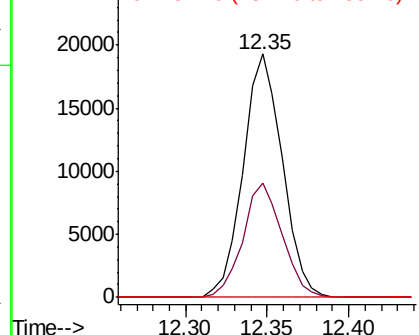
#71
Bromoform
Concen: 24.710 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion:173 Resp: 32196
Ion Ratio Lower Upper
173 100
175 47.1 24.3 73.0
254 0.0 0.1 0.1#

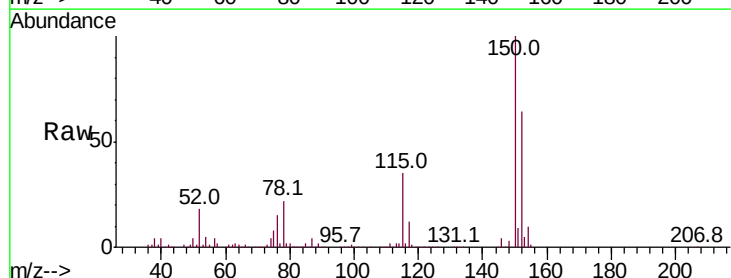


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

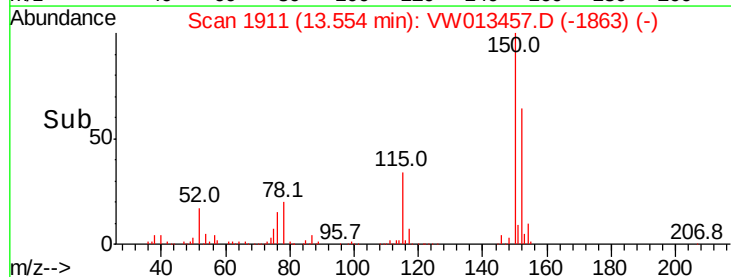
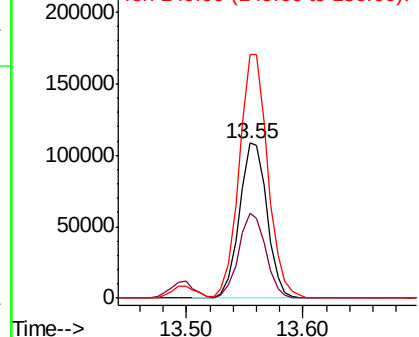


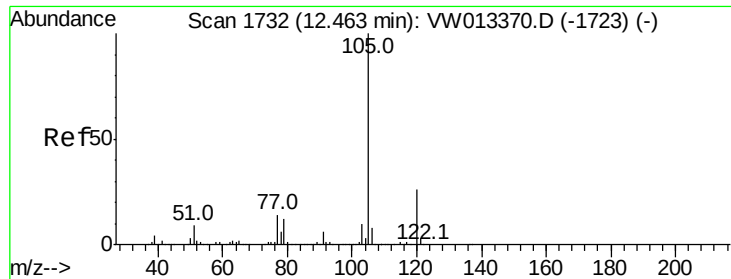
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:152 Resp: 178043
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 163.8 0.0 349.0



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

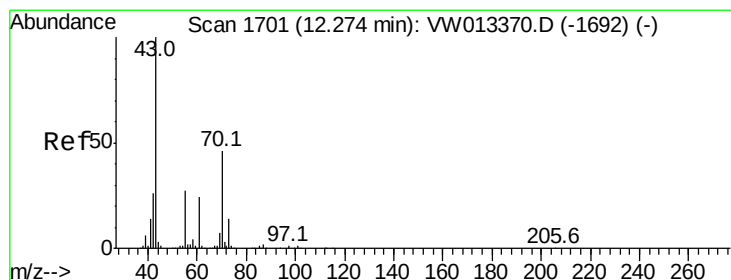
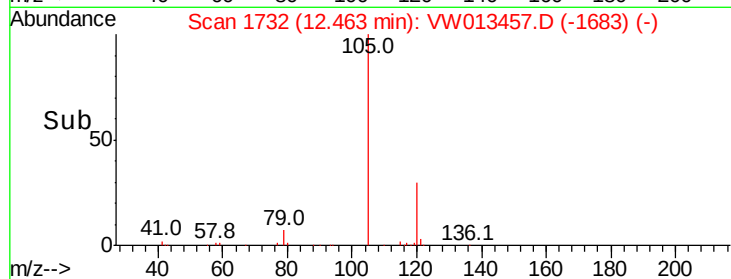
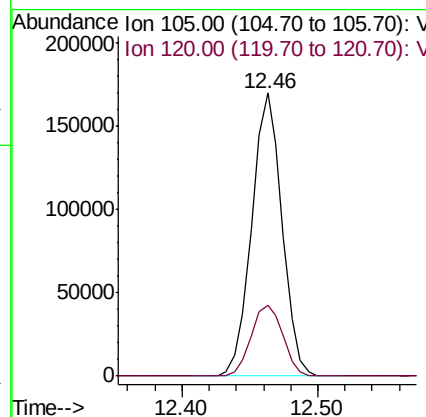
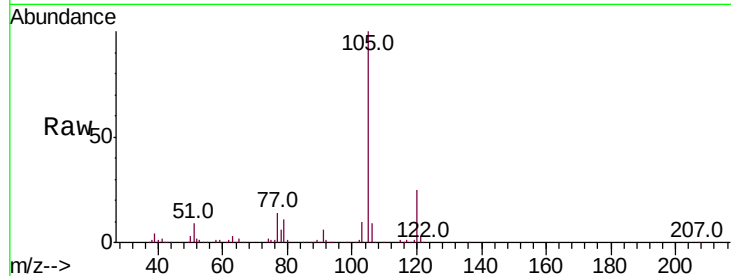




#73
Isopropylbenzene
Concen: 20.323 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

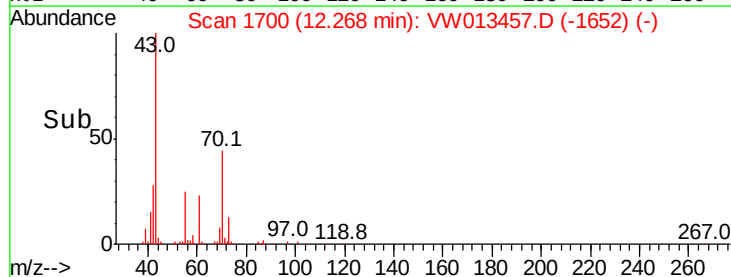
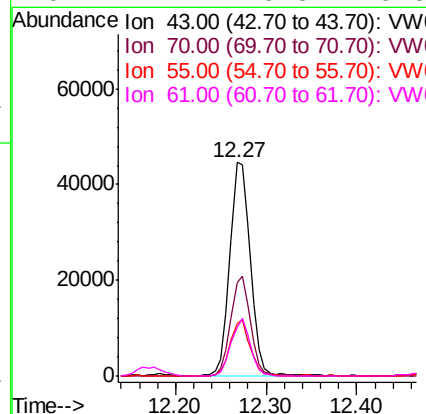
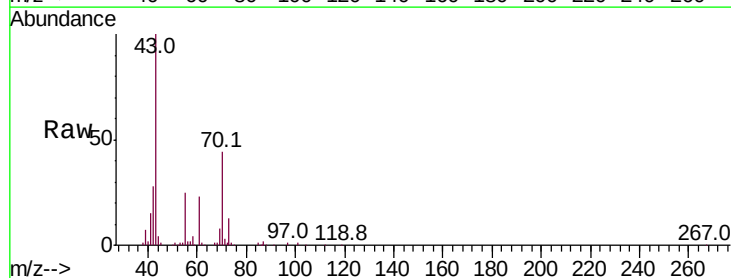
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

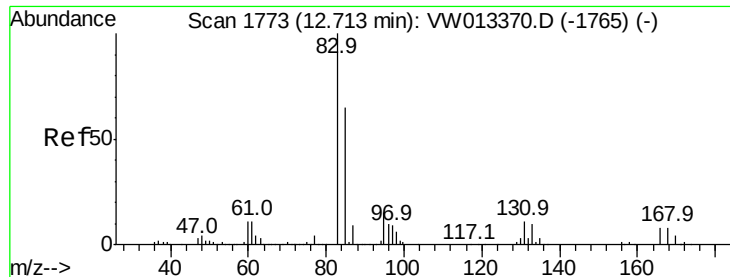
Tot Ion:105 Resp: 264669
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 25.579 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion: 43 Resp: 70895
Ion Ratio Lower Upper
43 100
70 44.8 35.1 52.7
55 25.5 19.9 29.9
61 24.7 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.997 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

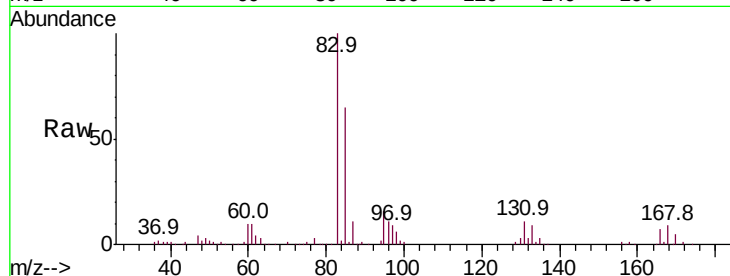
Tot Ion: 83 Resp: 52897

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

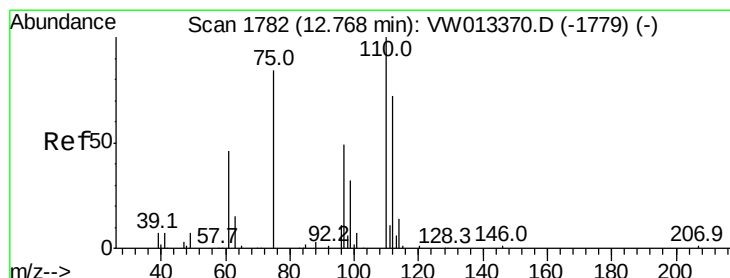
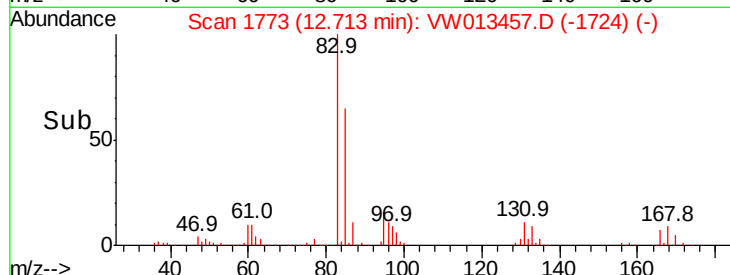
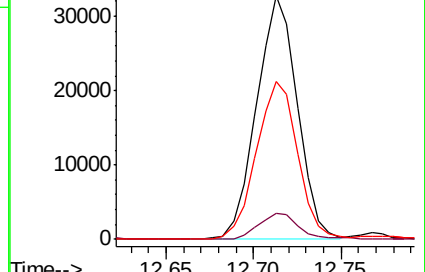
85 65.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.670 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW013457.D

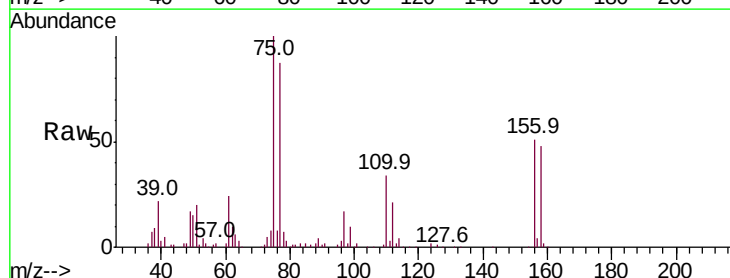
Acq: 07 Oct 2019 12:34

Tgt Ion: 75 Resp: 67521

Ion Ratio Lower Upper

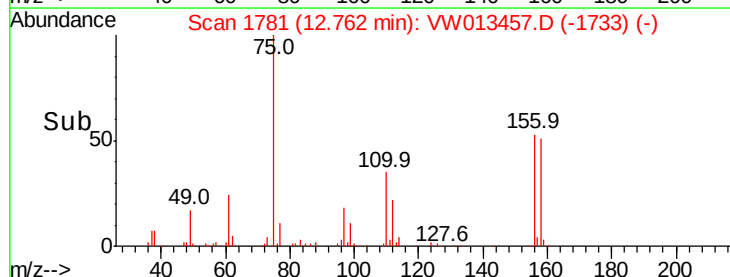
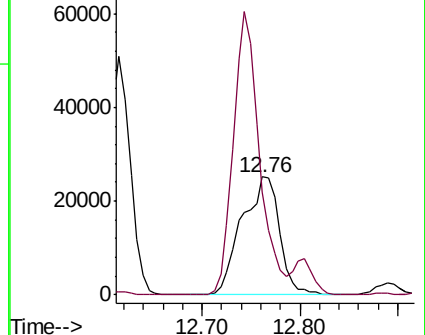
75 100

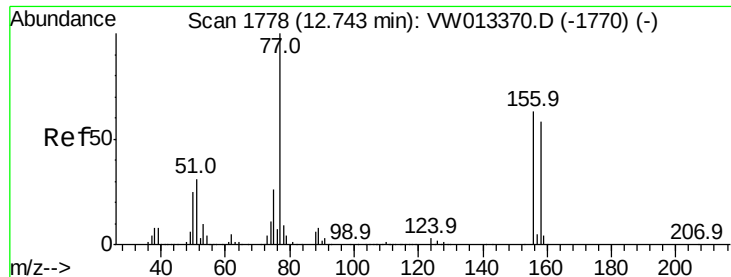
77 165.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.340 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

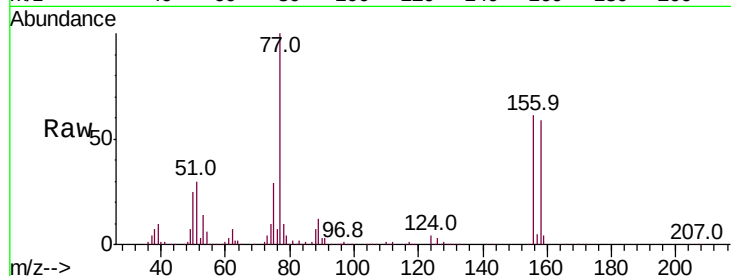
VW1007SBSD01

Tot Ion:156 Resp: 63607

Ion	Ratio	Lower	Upper
156	100		
77	175.9	85.7	257.1
158	95.6	48.1	144.4

77 175.9 85.7 257.1

158 95.6 48.1 144.4

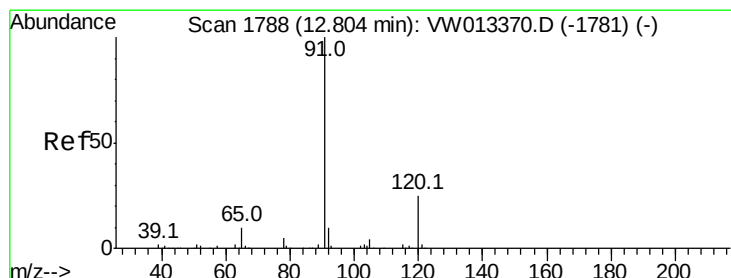
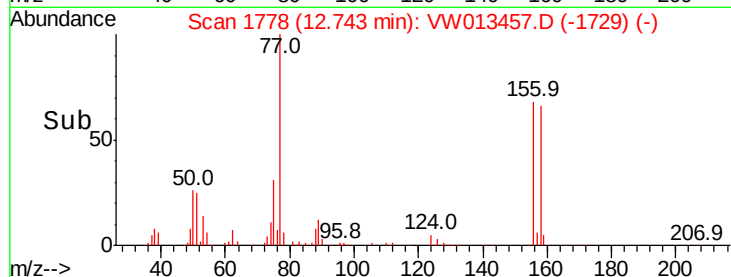
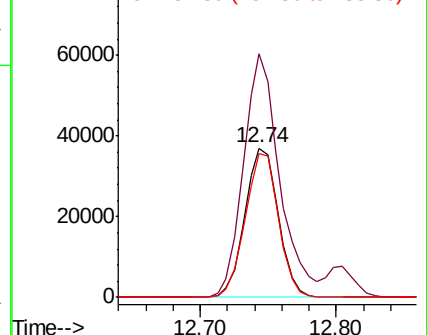


Abundance

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: 20.673 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013457.D

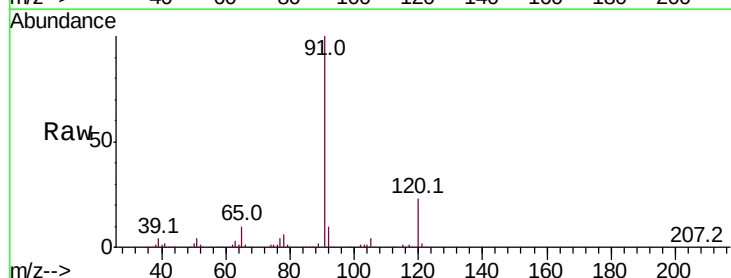
Acq: 07 Oct 2019 12:34

Tgt Ion: 91 Resp: 309694

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.1

91 100

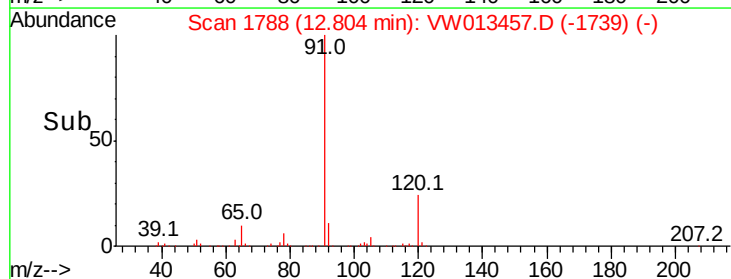
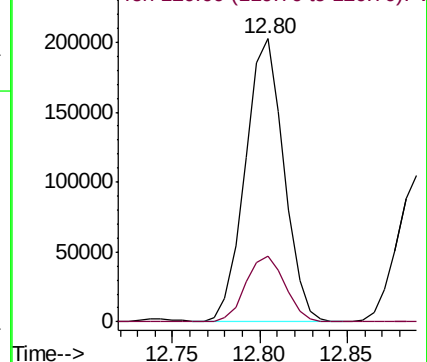
120 23.9 11.7 35.1

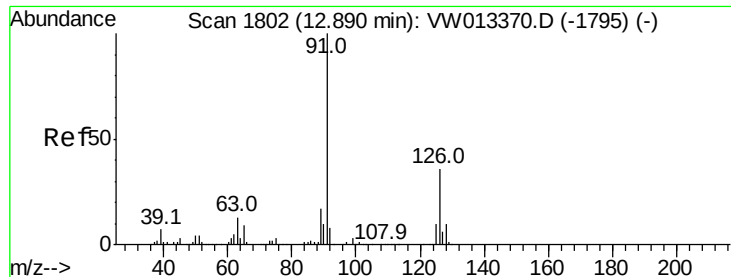


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.620 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

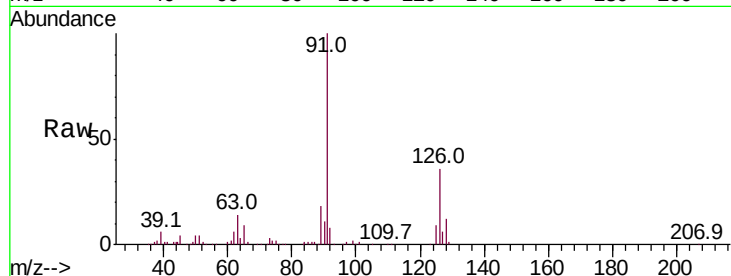
VW1007SBSD01

Tot Ion: 91 Resp: 171571

Ion Ratio Lower Upper

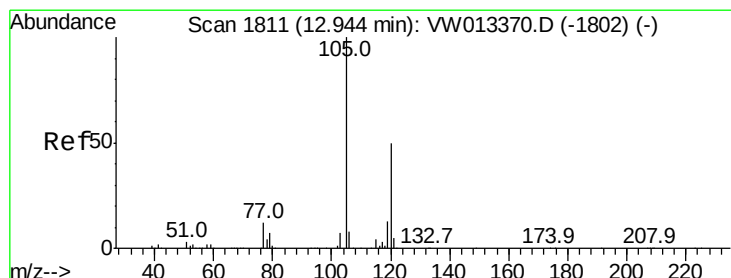
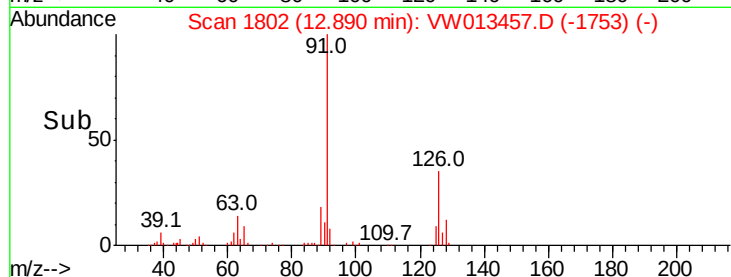
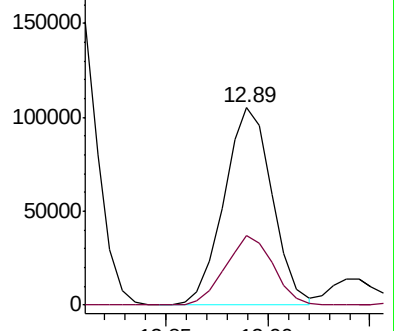
91 100

126 35.3 17.2 51.5



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: 20.646 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013457.D

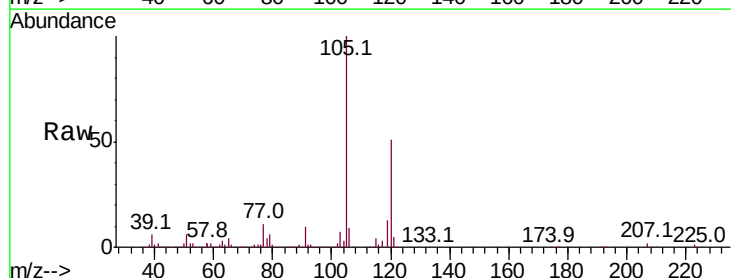
Acq: 07 Oct 2019 12:34

Tgt Ion:105 Resp: 223360

Ion Ratio Lower Upper

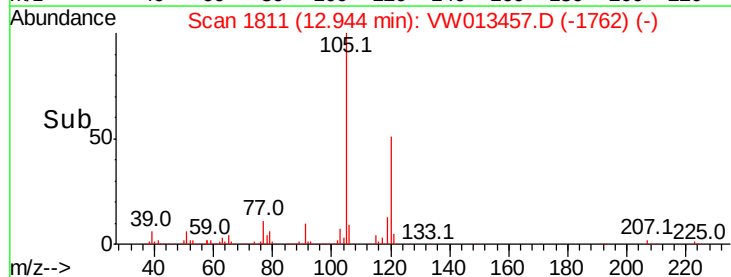
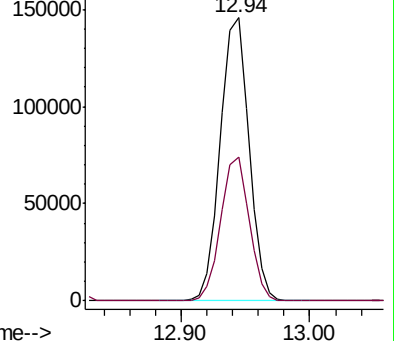
105 100

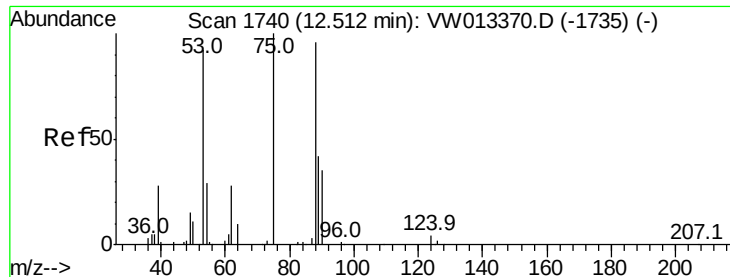
120 50.6 24.9 74.8



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: 27.041 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

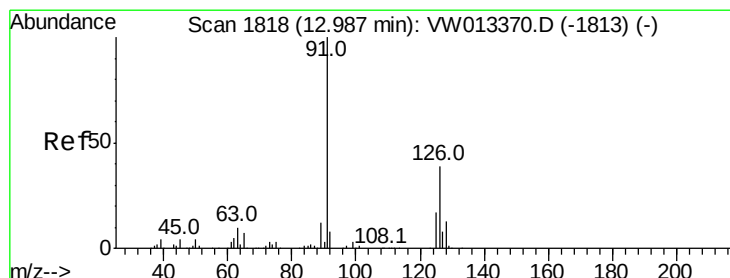
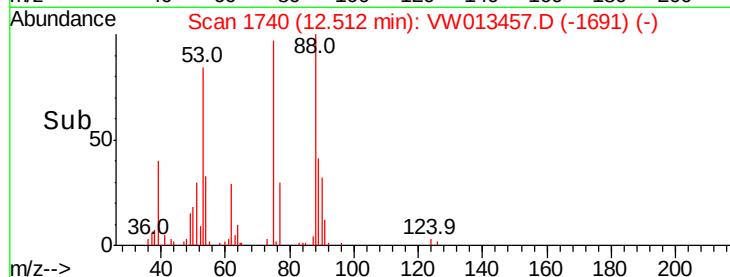
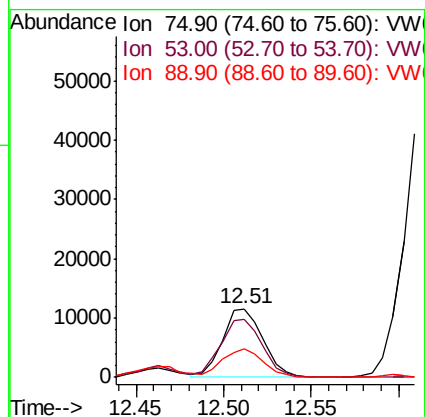
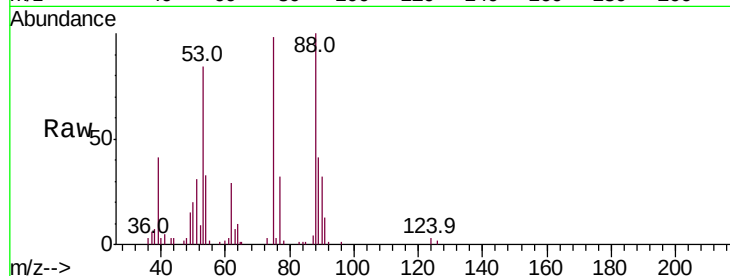
Tot Ion: 75 Resp: 18555

Ion Ratio Lower Upper

75 100

53 87.1 76.6 114.8

89 41.4 33.5 50.3



#82

4-Chlorotoluene

Concen: 20.735 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013457.D

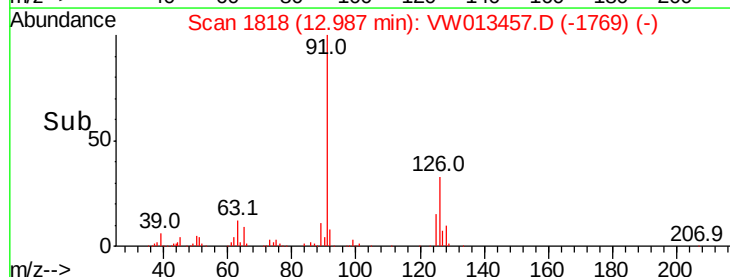
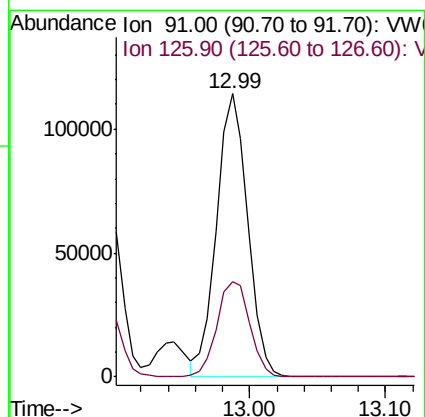
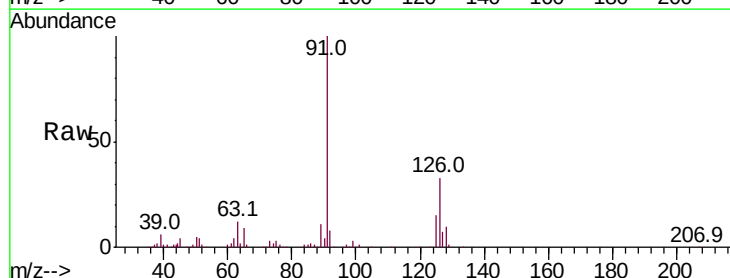
Acq: 07 Oct 2019 12:34

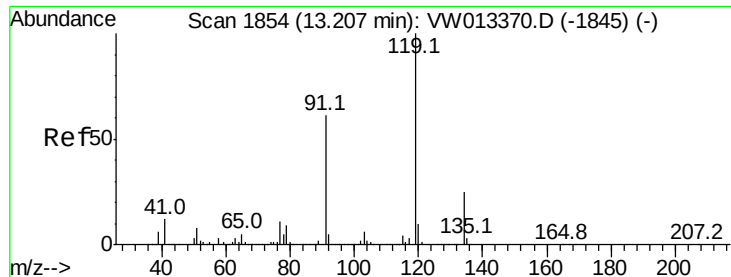
Tgt Ion: 91 Resp: 180733

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7





#83

tert-Butylbenzene

Concen: 21.011 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

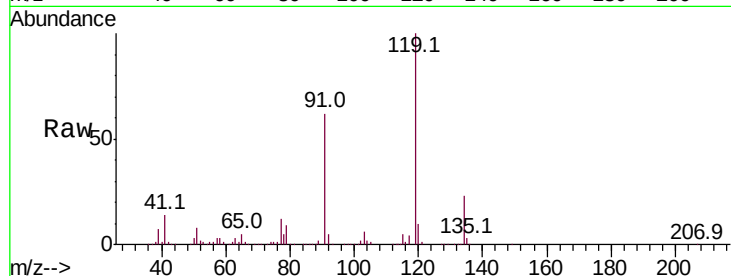
Tot Ion:119 Resp: 198541

Ion Ratio Lower Upper

119 100

91 60.0 30.7 92.1

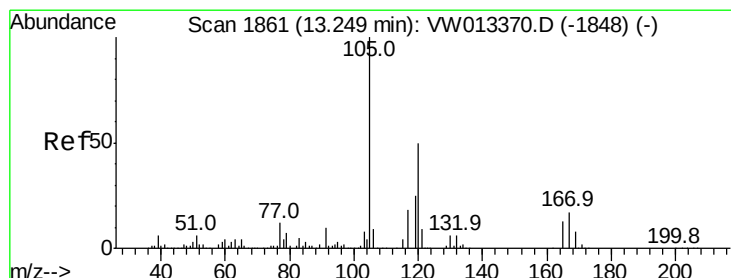
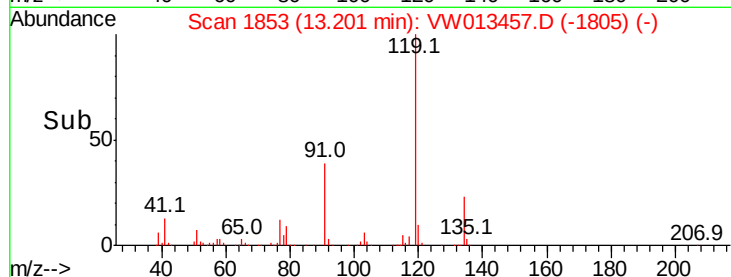
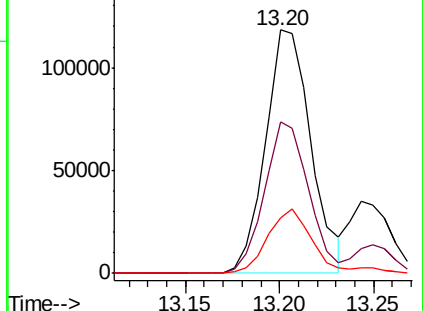
134 25.3 12.6 37.6



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: 20.591 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW013457.D

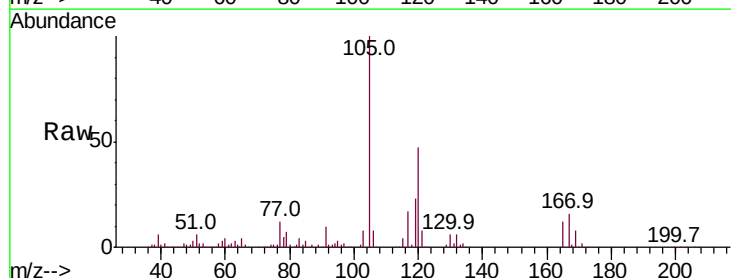
Acq: 07 Oct 2019 12:34

Tgt Ion:105 Resp: 221455

Ion Ratio Lower Upper

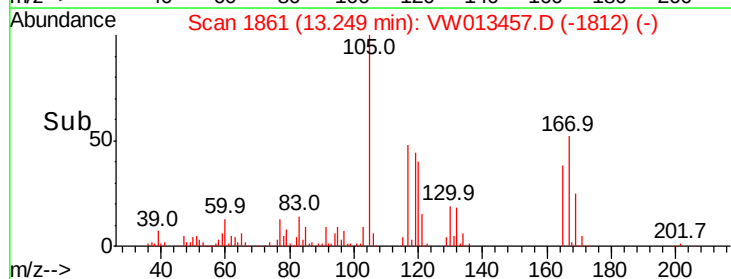
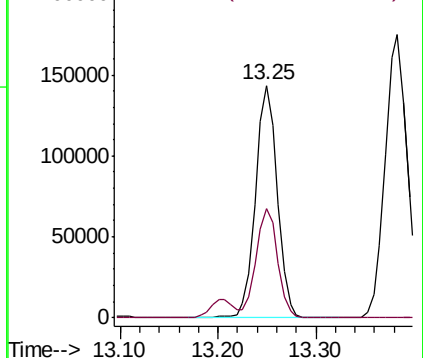
105 100

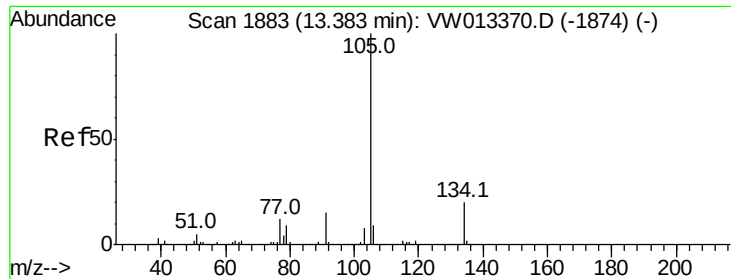
120 46.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

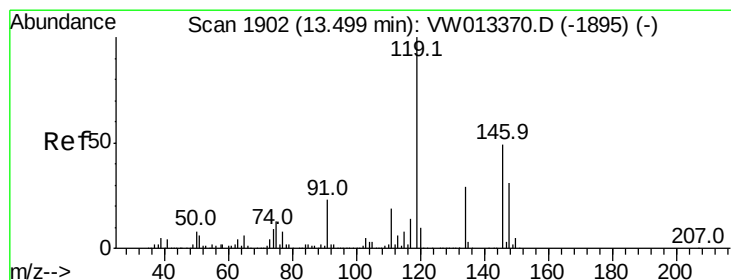
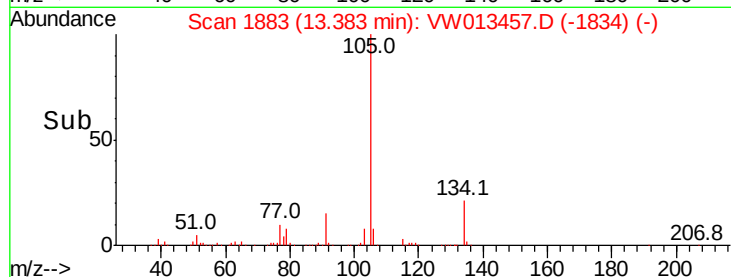
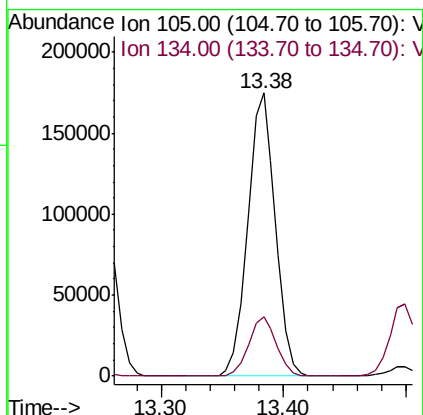
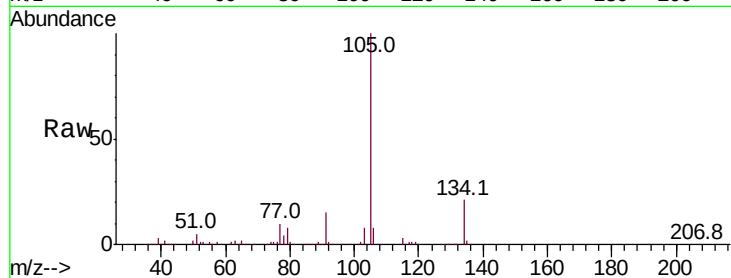




#85
 sec-Butylbenzene
 Concen: 20.913 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

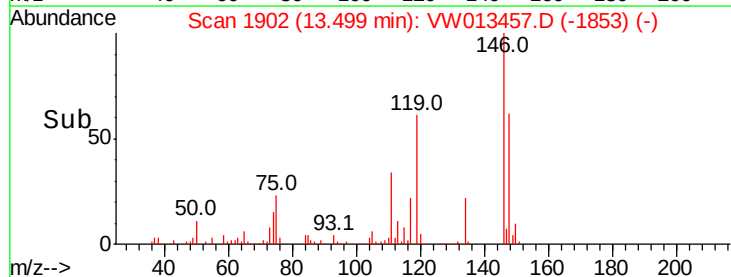
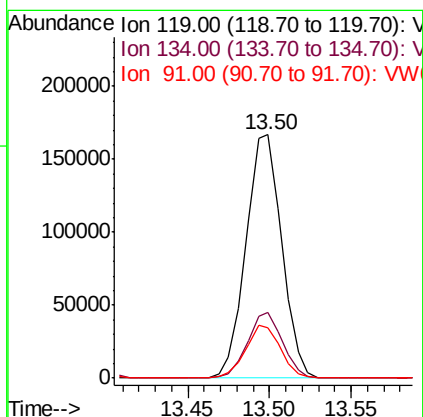
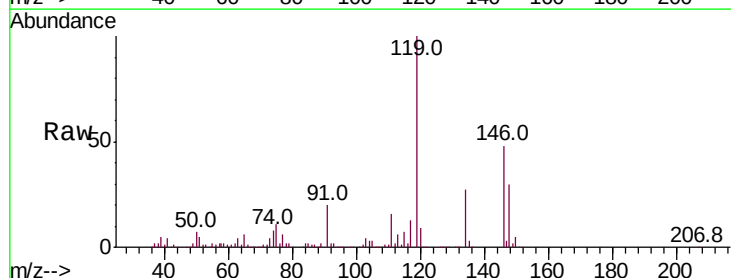
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

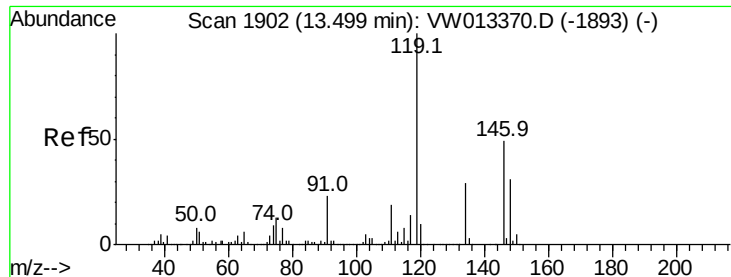
Tot Ion:105 Resp: 272468
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.120 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion:119 Resp: 255004
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.1 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 21.190 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

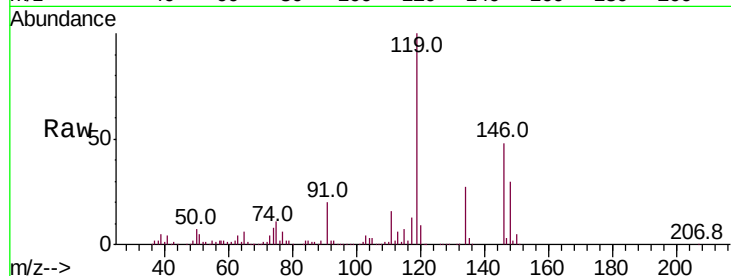
Tot Ion:146 Resp: 124666

Ion Ratio Lower Upper

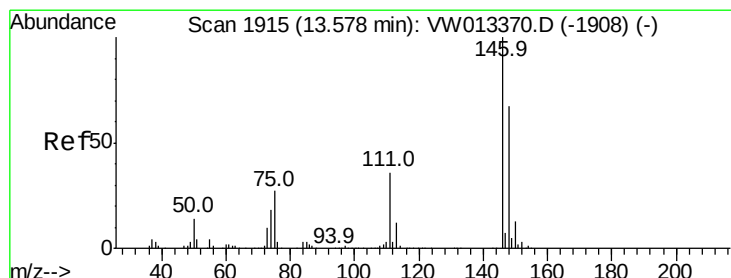
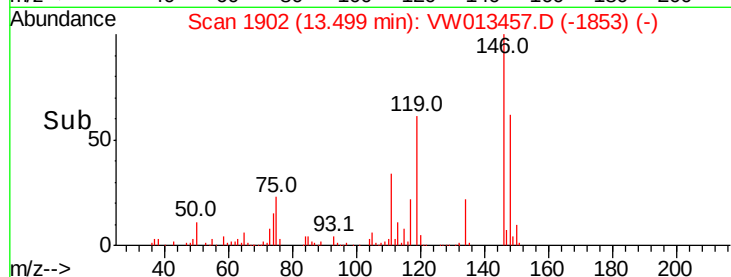
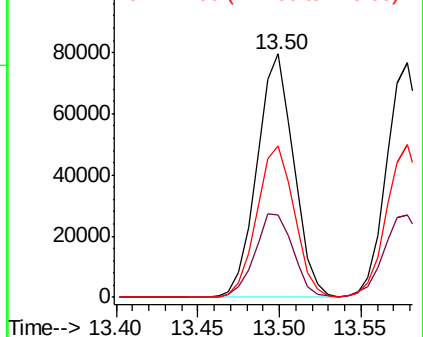
146 100

111 36.0 18.9 56.9

148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.470 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

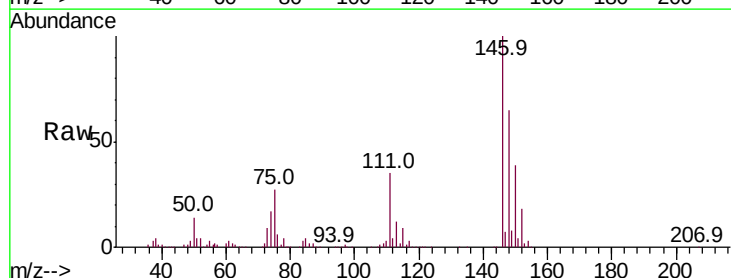
Tgt Ion:146 Resp: 120583

Ion Ratio Lower Upper

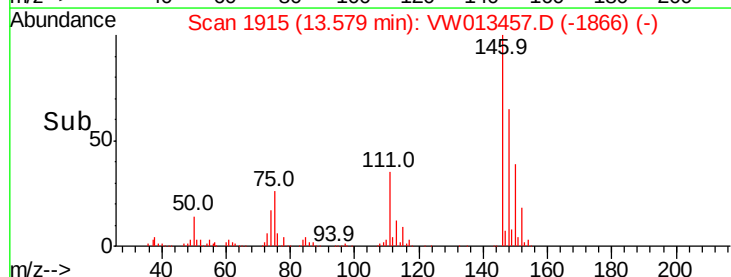
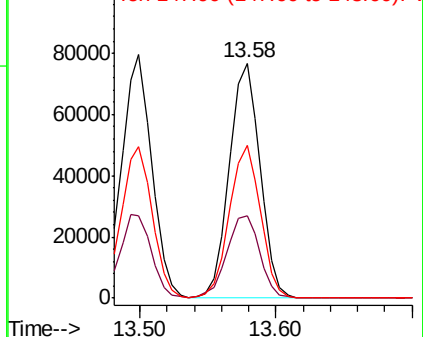
146 100

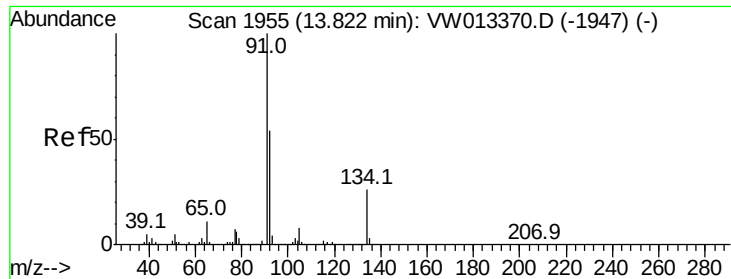
111 37.9 18.4 55.0

148 65.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.164 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013457.D

Acq: 07 Oct 2019 12:34

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

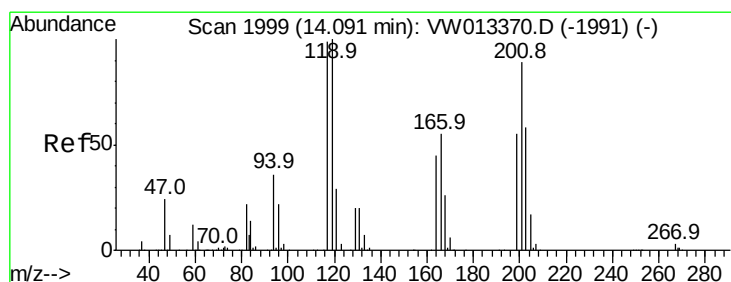
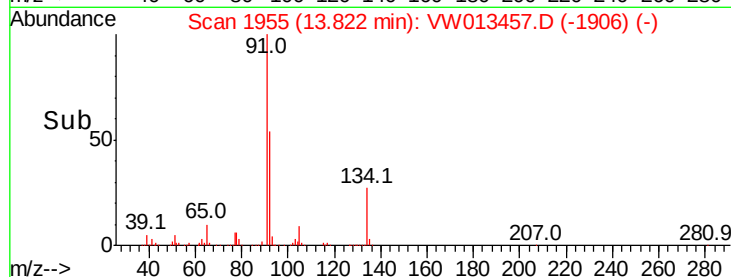
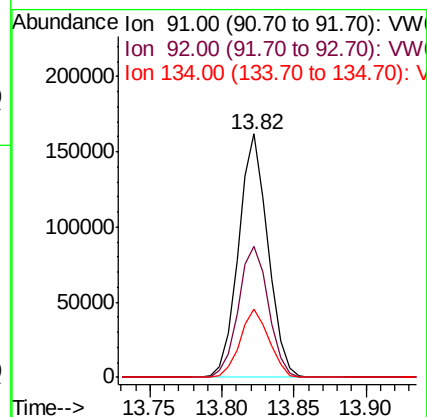
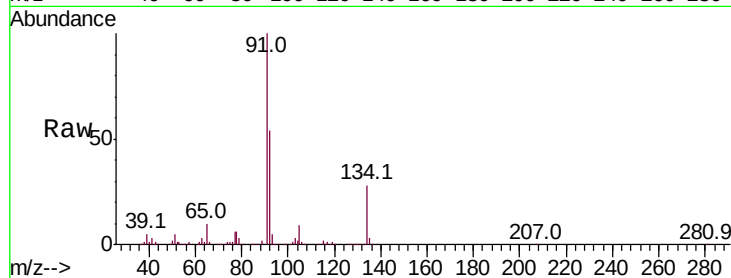
Tot Ion: 91 Resp: 230378

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.8

134 27.7 13.7 41.1



#90

Hexachloroethane

Concen: 21.798 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013457.D

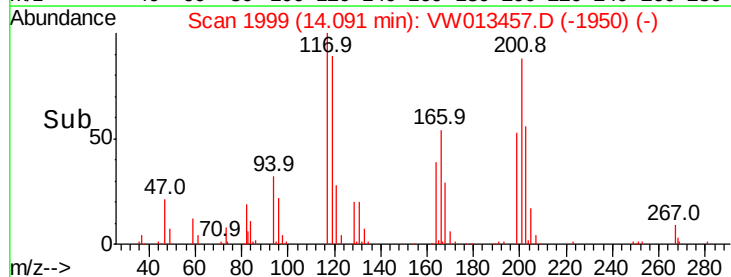
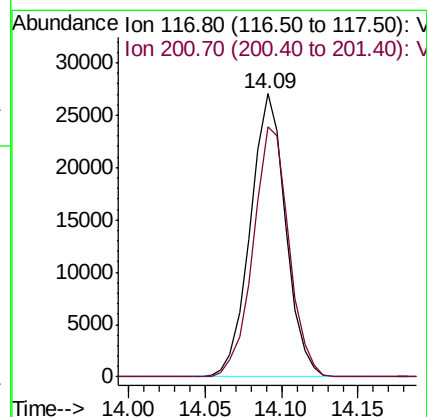
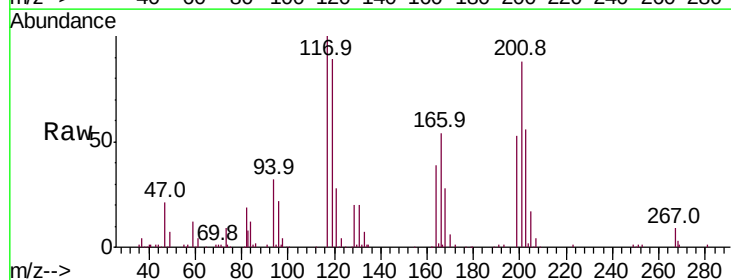
Acq: 07 Oct 2019 12:34

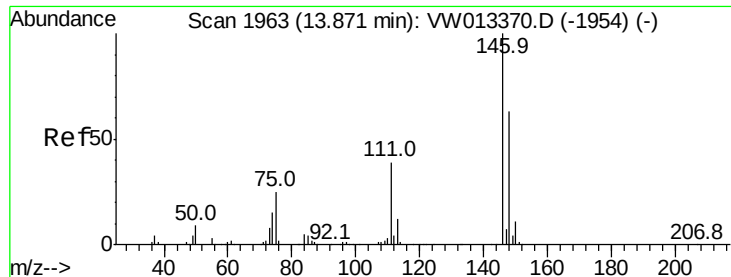
Tgt Ion: 117 Resp: 43482

Ion Ratio Lower Upper

117 100

201 89.3 44.5 133.5

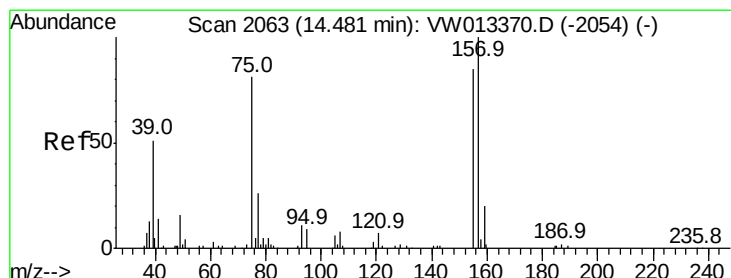
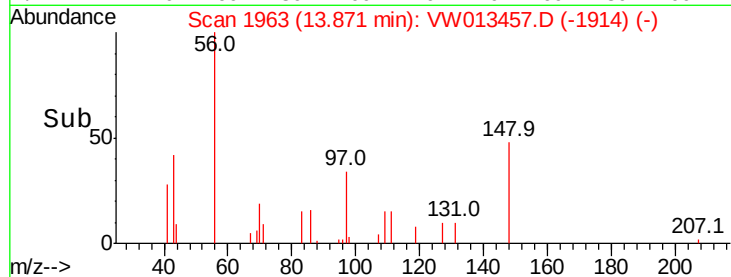
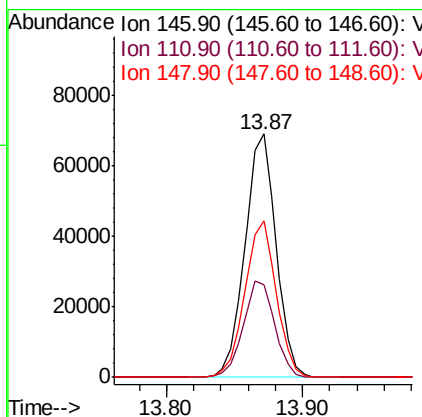
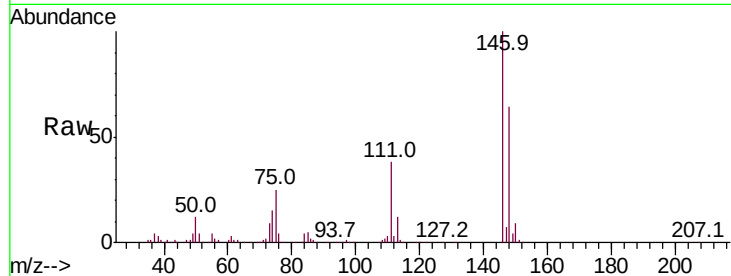




#91
 1,2-Dichlorobenzene
 Concen: 21.273 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

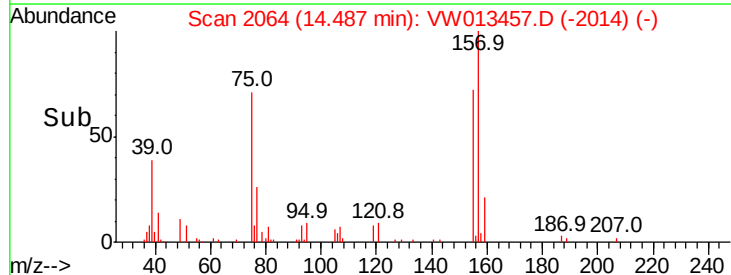
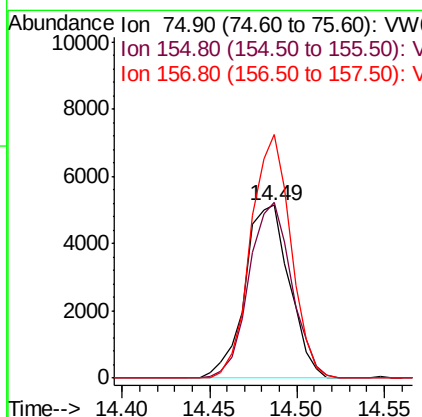
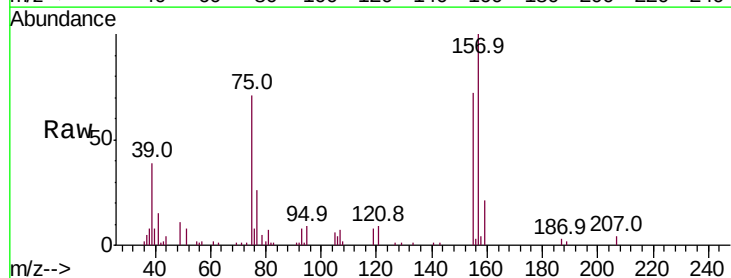
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

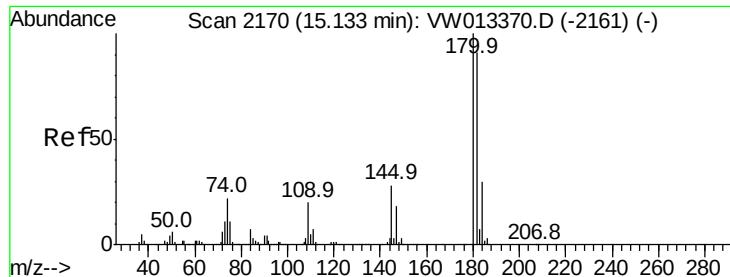
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.3
148	64.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 27.582 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	46.1	138.3
157	126.3	60.4	181.2

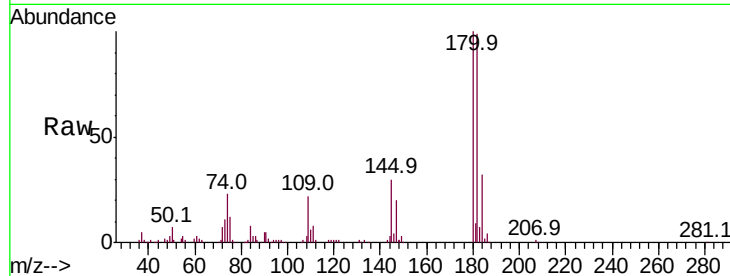




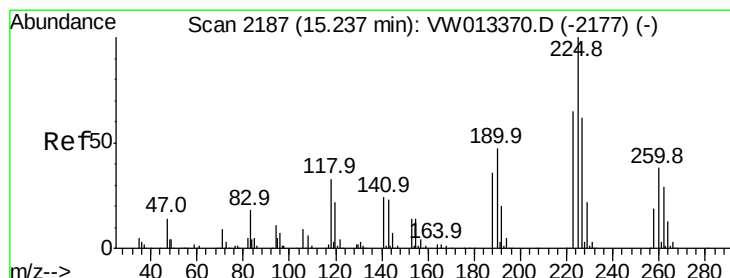
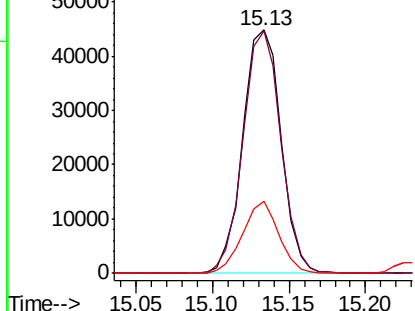
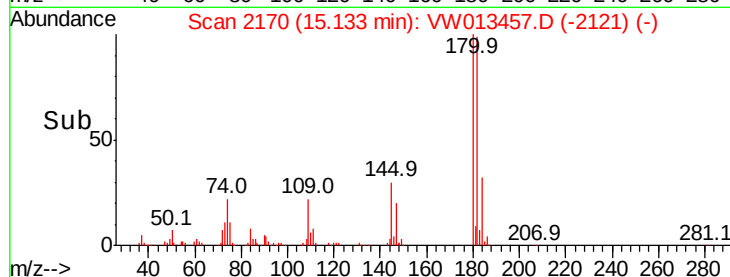
#93
 1,2,4-Trichlorobenzene
 Concen: 20.920 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Tot Ion:180 Resp: 78084
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.3 142.0
 145 28.2 14.2 42.8

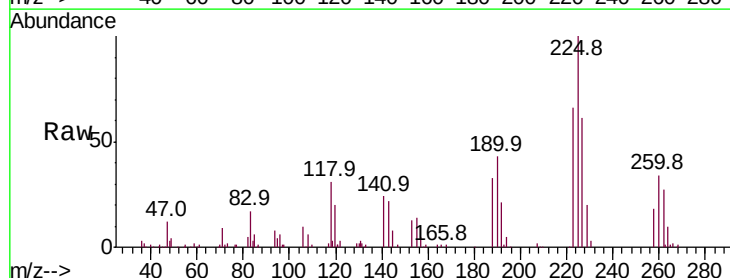


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

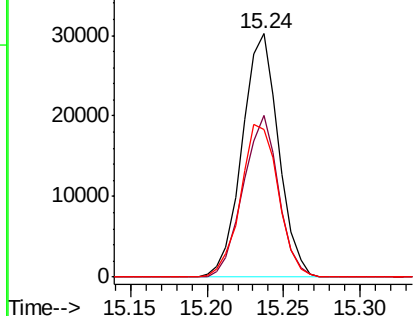
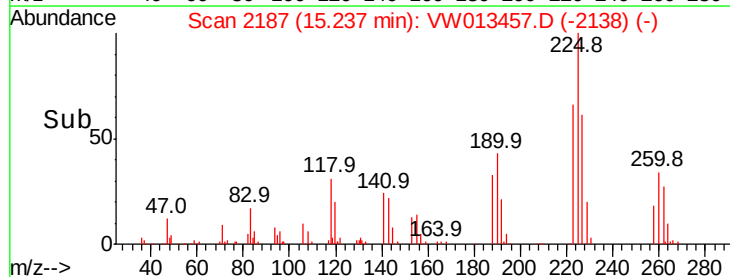


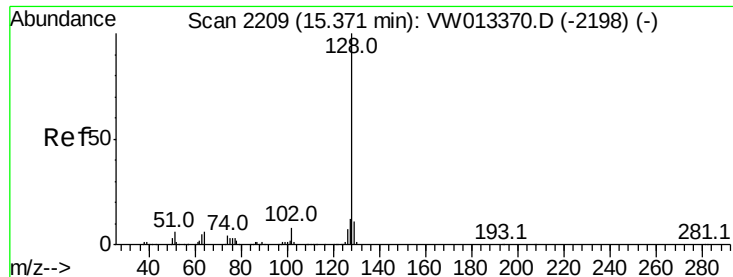
#94
 Hexachlorobutadiene
 Concen: 20.612 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013457.D
 Acq: 07 Oct 2019 12:34

Tgt Ion:225 Resp: 49976
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.6 91.8
 227 64.9 31.9 95.9



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

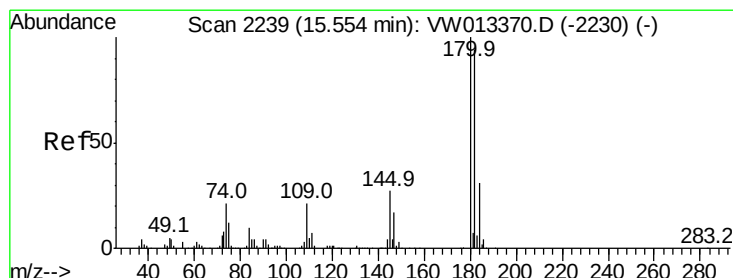
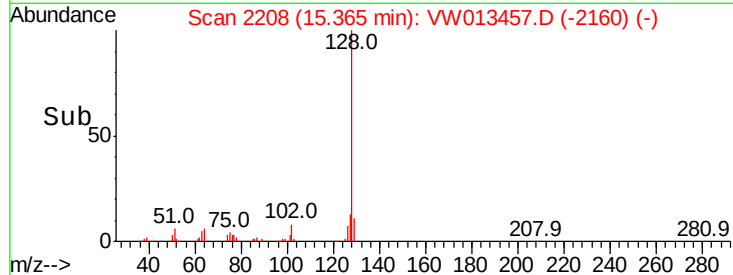
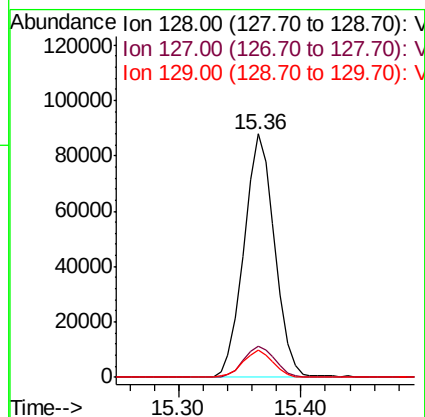
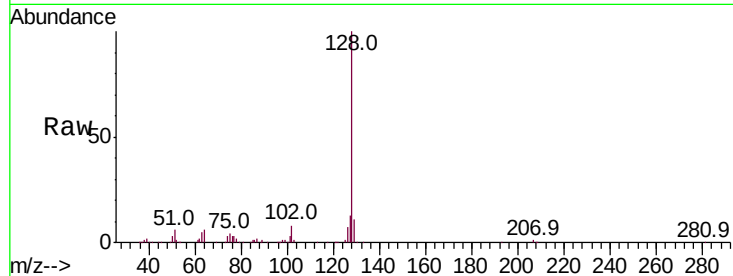




#95
Naphthalene
Concen: 24.269 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tot Ion:128 Resp: 152805
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.743 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013457.D
Acq: 07 Oct 2019 12:34

Tgt Ion:180 Resp: 70856
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 29.3 15.0 45.0

