

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012985.D
 Acq On : 14 Sep 2019 11:37
 Operator : SY/VA
 Sample : VW0915SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	151817	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.88	113	129838	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.32	98	522874	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.62	95	174212	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31609	23.814	ug/l	99
3) Chloromethane	2.21	50	36391	21.155	ug/l	94
4) Vinyl Chloride	2.35	62	45609	20.185	ug/l	96
5) Bromomethane	2.77	94	27115	19.650	ug/l	91
6) Chloroethane	2.91	64	27126	19.574	ug/l	95
7) Trichlorofluoromethane	3.24	101	30748	19.459	ug/l	98
8) Diethyl Ether	3.68	74	22228	18.016	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49139	20.504	ug/l	97
10) Methyl Iodide	4.27	142	62577	20.864	ug/l	97
11) Tert butyl alcohol	5.20	59	13894	53.783	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	46390	21.289	ug/l	95
13) Acrolein	3.90	56	21639	96.369	ug/l	99
14) Allyl chloride	4.66	41	89749	21.695	ug/l	98
15) Acrylonitrile	5.37	53	59726	94.779	ug/l	97
16) Acetone	4.13	43	59247	80.386	ug/l	95
17) Carbon Disulfide	4.38	76	95314	21.949	ug/l	99
18) Methyl Acetate	4.67	43	31689	19.077	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	82732	19.234	ug/l #	88
20) Methylene Chloride	4.91	84	54730	20.138	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49120	21.047	ug/l	92
22) Diisopropyl ether	6.31	45	177256	20.626	ug/l	96
23) Vinyl Acetate	6.25	43	504825	98.077	ug/l	98
24) 1,1-Dichloroethane	6.21	63	100170	20.216	ug/l	99
25) 2-Butanone	7.17	43	87437	94.313	ug/l	98
26) 2,2-Dichloropropane	7.16	77	70077	19.653	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	58190	20.826	ug/l	98
28) Bromochloromethane	7.51	49	38002	18.222	ug/l #	97
29) Tetrahydrofuran	7.52	42	50133	94.906	ug/l	98
30) Chloroform	7.67	83	103239	20.506	ug/l	97
31) Cyclohexane	7.95	56	90389	21.913	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84862	20.468	ug/l	98
36) 1,1-Dichloropropene	8.08	75	75842	21.294	ug/l	100
37) Ethyl Acetate	7.24	43	36474	19.294	ug/l	97
38) Carbon Tetrachloride	8.06	117	77317	21.184	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	85702	21.959	ug/l	98
40) Benzene	8.32	78	214393	21.563	ug/l	99
41) Methacrylonitrile	7.48	41	21005	16.872	ug/l	95
42) 1,2-Dichloroethane	8.40	62	69298	20.791	ug/l	98
43) Isopropyl Acetate	8.42	43	70344	19.380	ug/l	99
44) Trichloroethene	9.09	130	55563	20.402	ug/l	94
45) 1,2-Dichloropropane	9.37	63	56075	21.227	ug/l	97
46) Dibromomethane	9.46	93	25827	20.407	ug/l	97
47) Bromodichloromethane	9.64	83	71809	20.228	ug/l	99
48) Methyl methacrylate	9.43	41	32257	18.936	ug/l	99
49) 1,4-Dioxane	9.46	88	6973	328.808	ug/l #	69
51) 4-Methyl-2-Pentanone	10.21	43	179052	95.548	ug/l	98
52) Toluene	10.38	92	132290	20.938	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69380	19.432	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	81241	19.887	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39217	20.340	ug/l	98
56) Ethyl methacrylate	10.65	69	48968	18.869	ug/l	97
57) 1,3-Dichloropropane	10.93	76	67055	19.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	139041	99.877	ug/l	99
59) 2-Hexanone	10.97	43	124344	95.294	ug/l	96
60) Dibromochloromethane	11.13	129	43153	18.513	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34993	19.896	ug/l	100
64) Tetrachloroethene	10.86	164	47586	21.597	ug/l	96
65) Chlorobenzene	11.65	112	134069	20.322	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51168	20.239	ug/l	100
67) Ethyl Benzene	11.73	91	254686	20.903	ug/l	95
68) m/p-Xylenes	11.83	106	191830	43.097	ug/l	100
69) o-Xylene	12.16	106	87107	20.874	ug/l	100
70) Styrene	12.18	104	153141	20.630	ug/l	99
71) Bromoform	12.35	173	25382	19.113	ug/l #	99
73) Isopropylbenzene	12.46	105	255429	20.124	ug/l	99
74) N-amyl acetate	12.27	43	63238	19.368	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	44070	19.768	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	58287	34.749	ug/l #	100
77) Bromobenzene	12.74	156	58346	19.953	ug/l	98
78) n-propylbenzene	12.80	91	309576	20.734	ug/l	99
79) 2-Chlorotoluene	12.89	91	175209	20.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	220150	20.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13558	18.336	ug/l	96
82) 4-Chlorotoluene	12.99	91	187996	20.759	ug/l	98
83) tert-Butylbenzene	13.21	119	193022	20.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	214240	20.190	ug/l	98
85) sec-Butylbenzene	13.38	105	269361	20.583	ug/l	99
86) p-Isopropyltoluene	13.50	119	250384	20.840	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	118766	20.517	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	114922	20.203	ug/l	99
89) n-Butylbenzene	13.82	91	225266	19.881	ug/l	98
90) Hexachloroethane	14.09	117	39948	18.554	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102160	20.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7081	17.352	ug/l	98

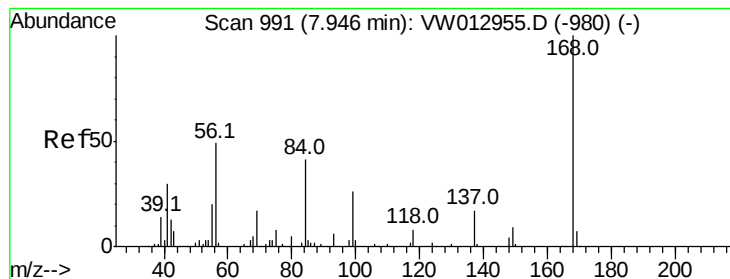
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66741	18.384	ug/l	98
94) Hexachlorobutadiene	15.24	225	49900	19.416	ug/l	97
95) Naphthalene	15.36	128	105543	17.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58047	18.088	ug/l	98

(#) = 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: VW012985.D

Acq: 14 Sep 2019 11:37

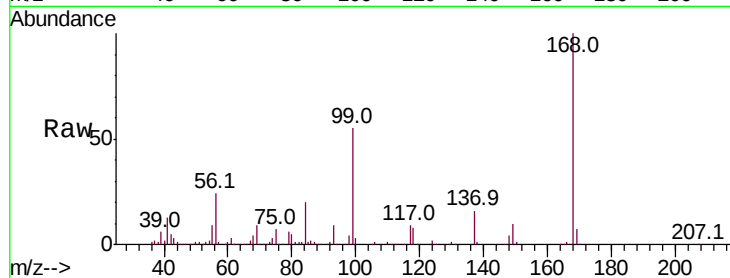
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 315688

Ion Ratio Lower Upper

168 100

99 54.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

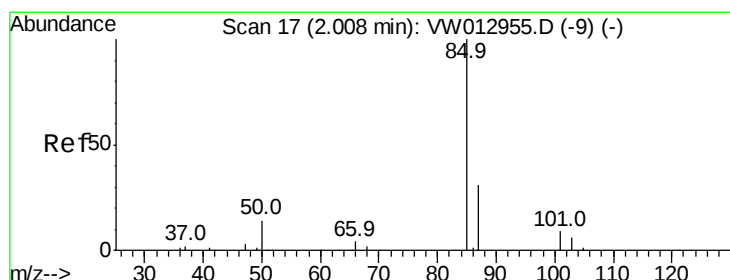
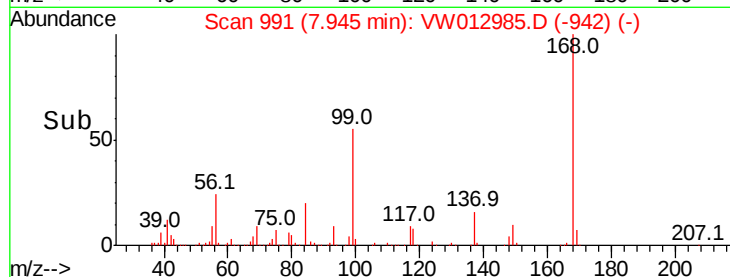
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.814 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012985.D

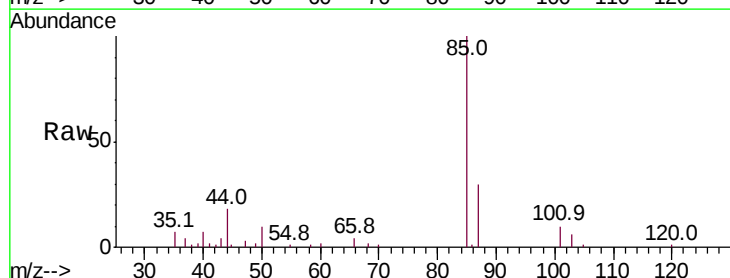
Acq: 14 Sep 2019 11:37

Tgt Ion: 85 Resp: 31609

Ion Ratio Lower Upper

85 100

87 30.2 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

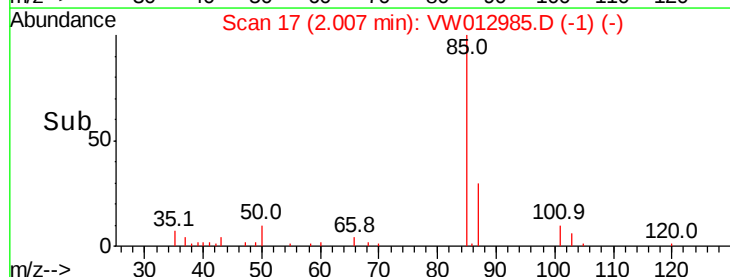
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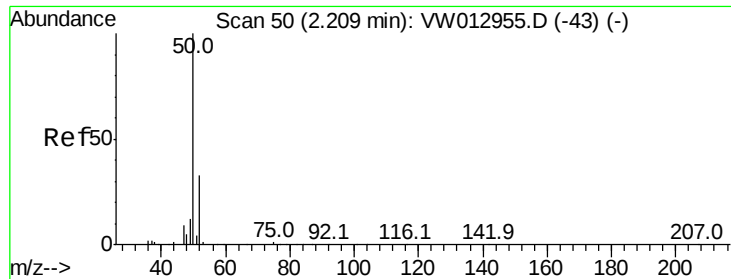
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.155 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

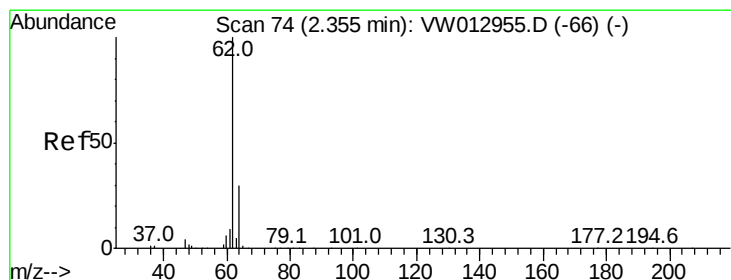
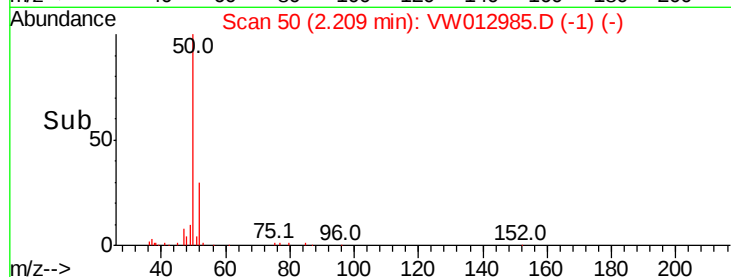
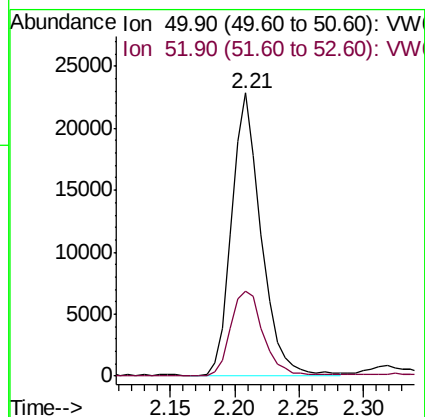
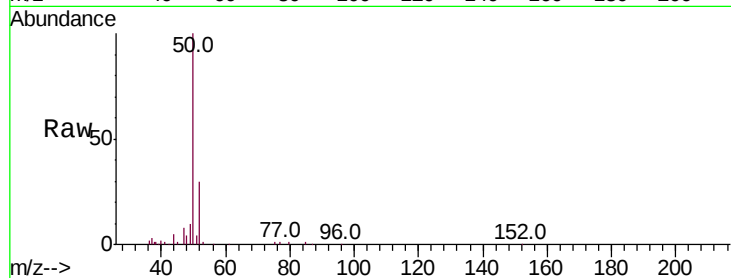
ClientSampled :

Tot Ion: 50 Resp: 36391

Ion Ratio Lower Upper

50 100

52 30.0 26.6 39.8



#4

Vinyl Chloride

Concen: 20.185 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012985.D

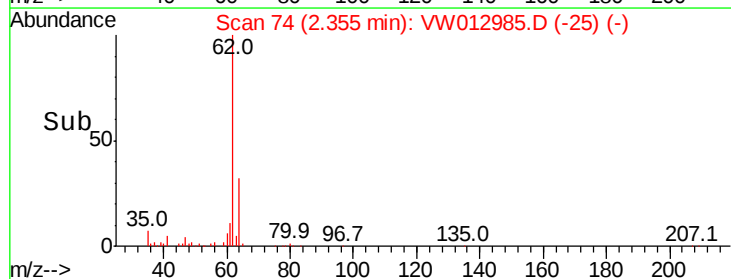
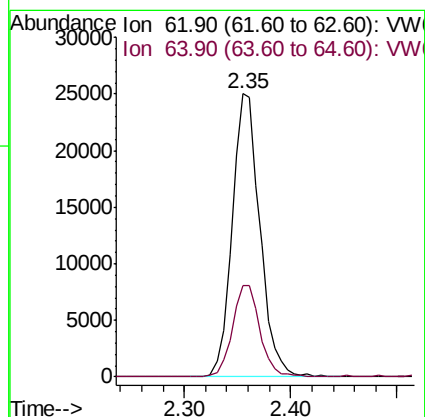
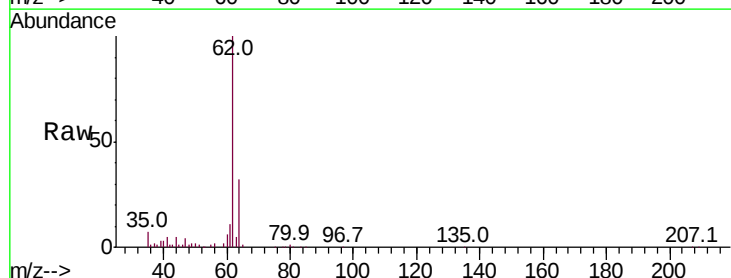
Acq: 14 Sep 2019 11:37

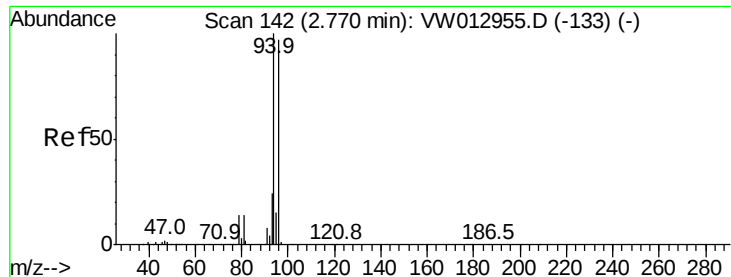
Tgt Ion: 62 Resp: 45609

Ion Ratio Lower Upper

62 100

64 32.3 24.2 36.4





#5

Bromomethane

Concen: 19.650 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

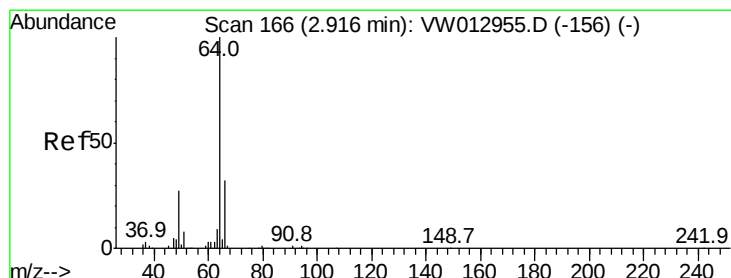
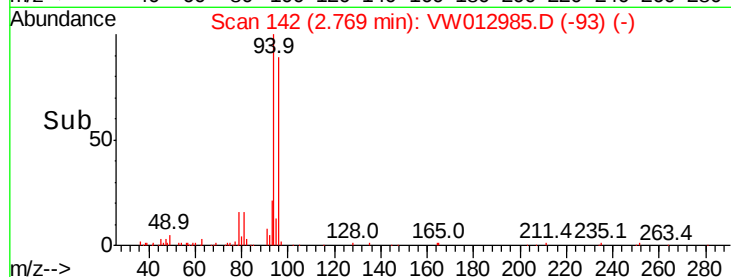
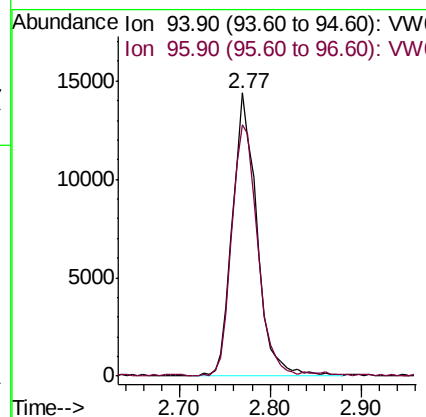
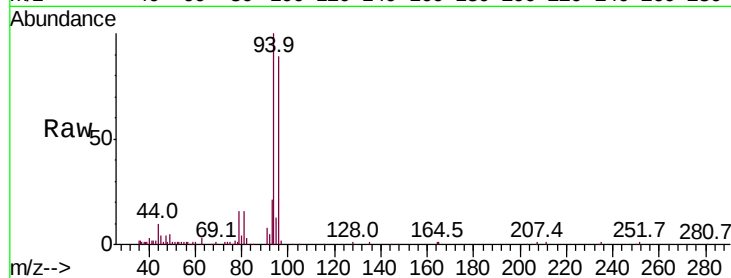
ClientSampleId :

Tot Ion: 94 Resp: 27115

Ion Ratio Lower Upper

94 100

96 88.8 77.8 116.6



#6

Chloroethane

Concen: 19.574 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012985.D

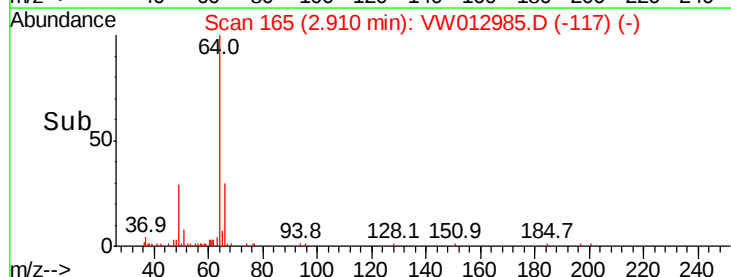
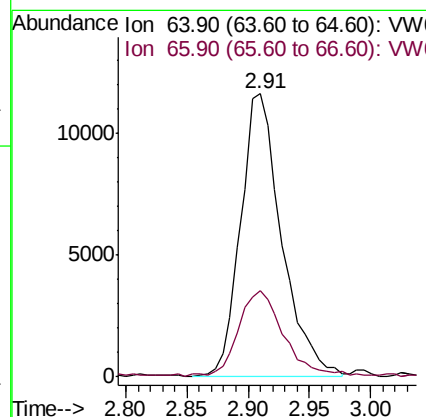
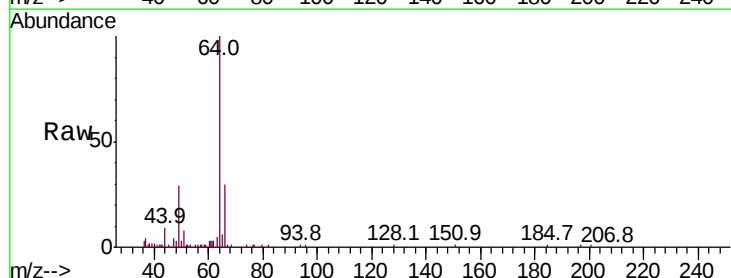
Acq: 14 Sep 2019 11:37

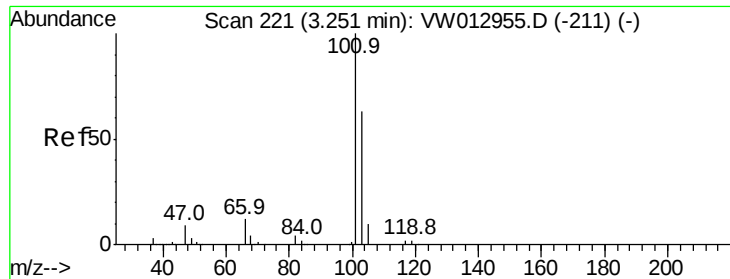
Tgt Ion: 64 Resp: 27126

Ion Ratio Lower Upper

64 100

66 29.4 25.9 38.9



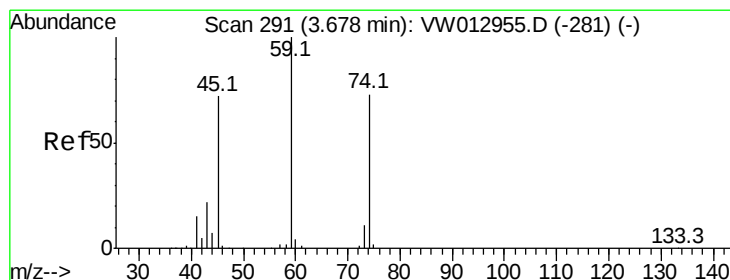
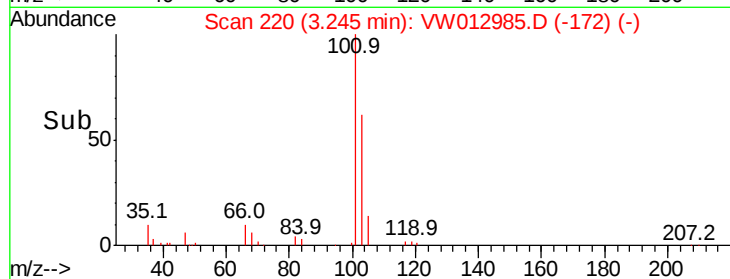
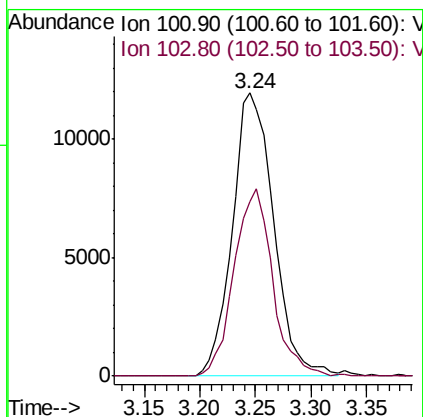
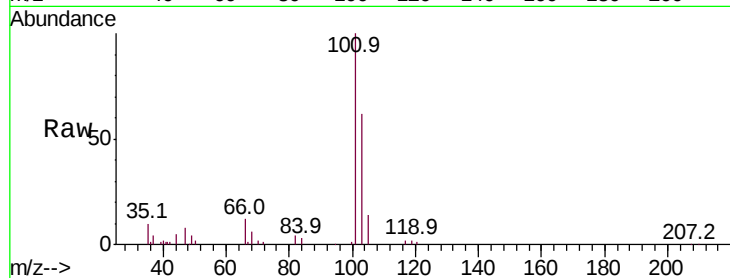


#7

Trichlorofluoromethane
Concen: 19.459 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :

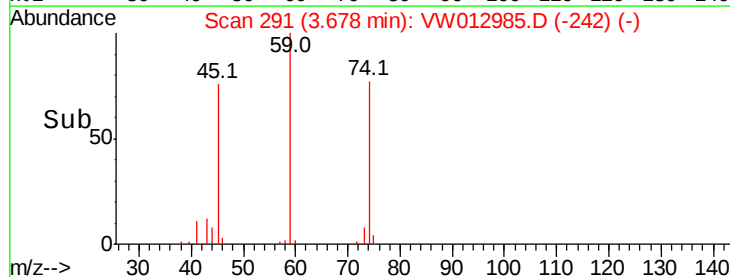
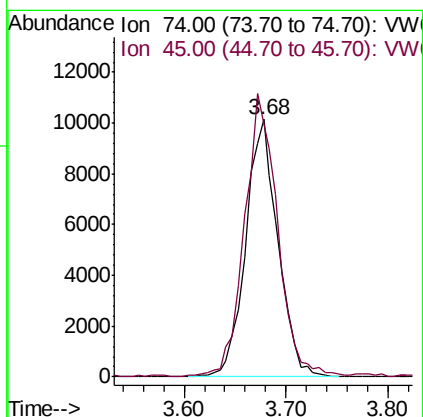
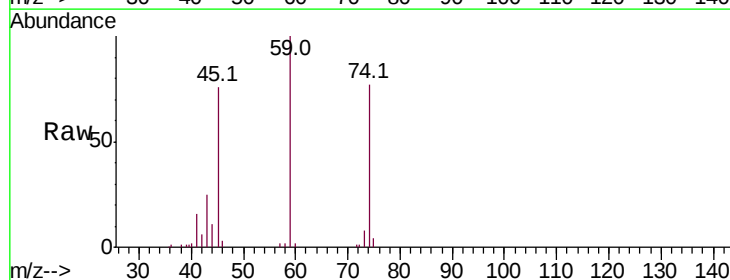
Tot Ion:101 Resp: 30748
Ion Ratio Lower Upper
101 100
103 61.8 50.7 76.1

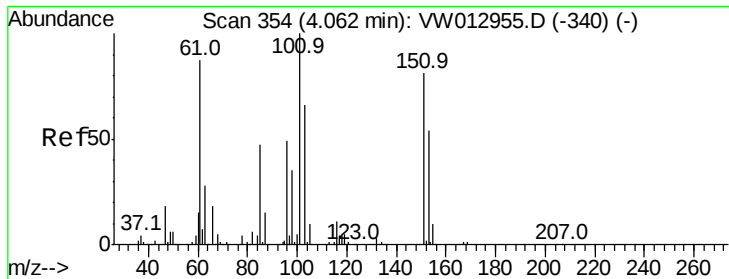


#8

Diethyl Ether
Concen: 18.016 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 74 Resp: 22228
Ion Ratio Lower Upper
74 100
45 113.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.504 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

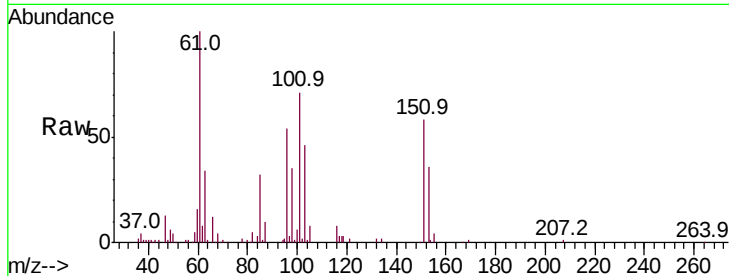
Tot Ion:101 Resp: 49139

Ion Ratio Lower Upper

101 100

85 47.2 34.9 52.3

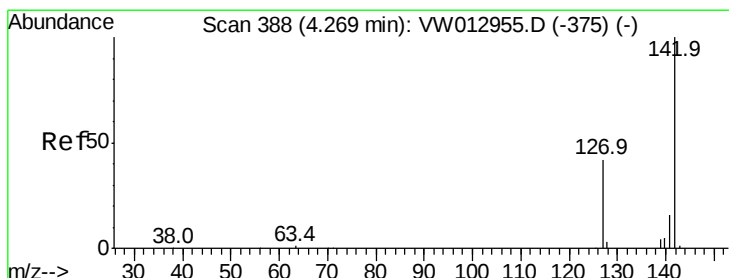
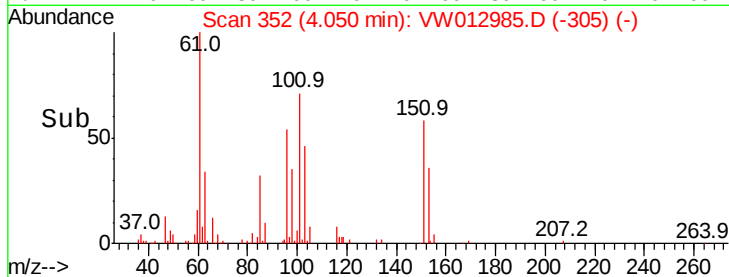
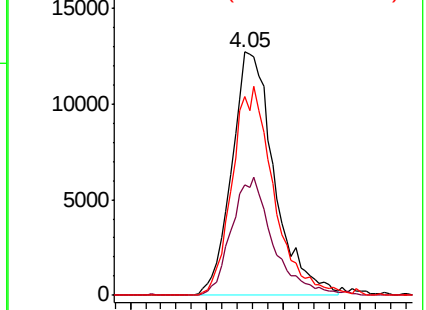
151 83.7 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.864 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

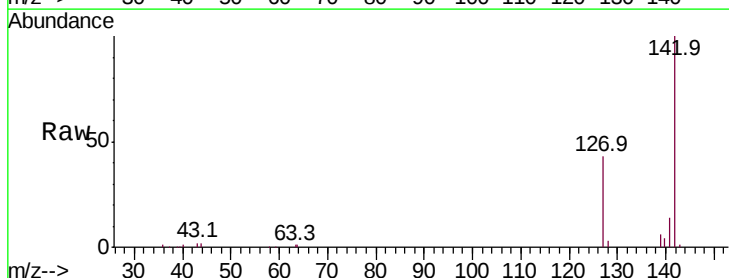
Tgt Ion:142 Resp: 62577

Ion Ratio Lower Upper

142 100

127 45.6 34.7 52.1

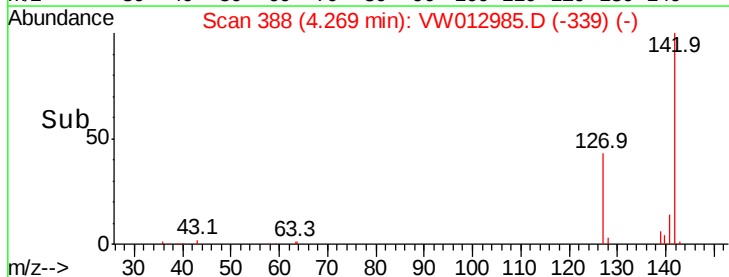
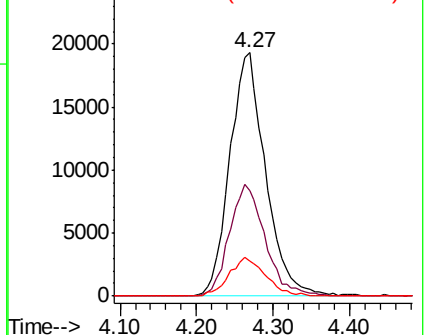
141 15.9 12.2 18.2

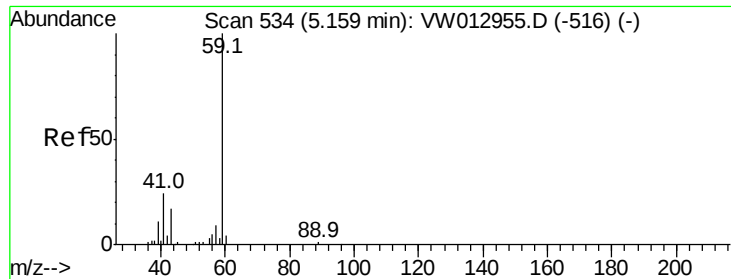


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



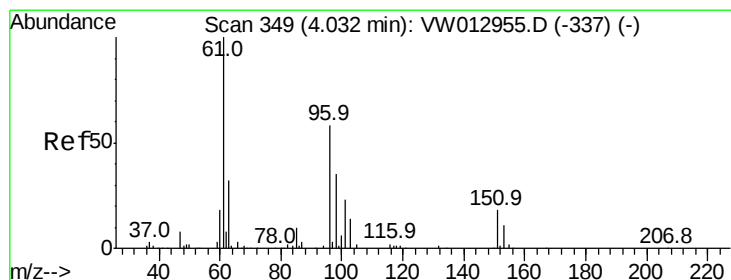
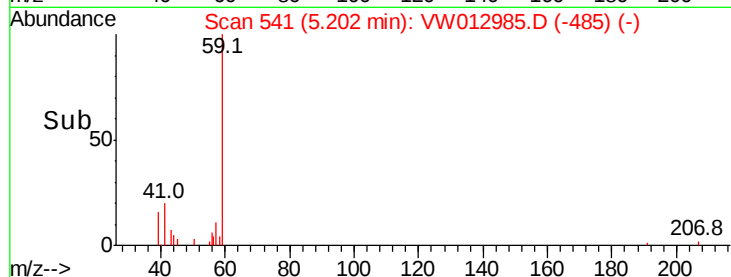
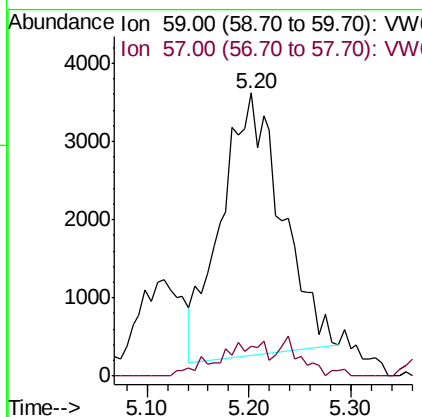
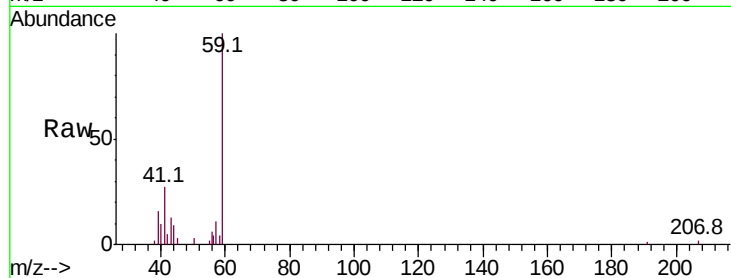


#11

Tert butyl alcohol
Concen: 53.783 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :

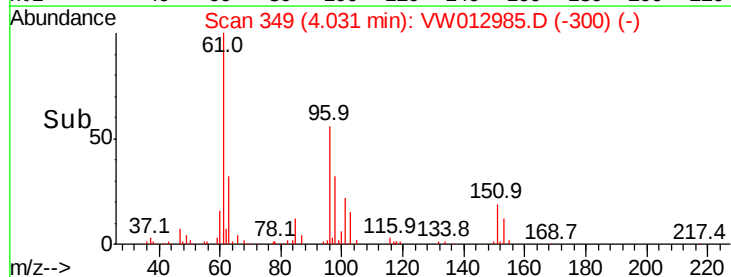
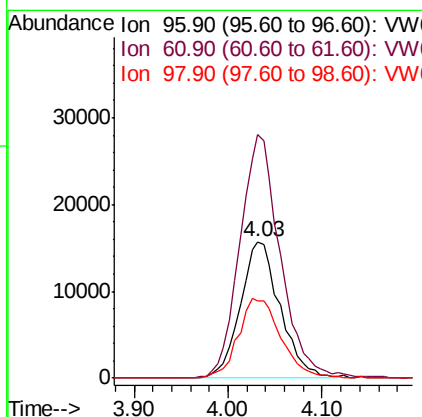
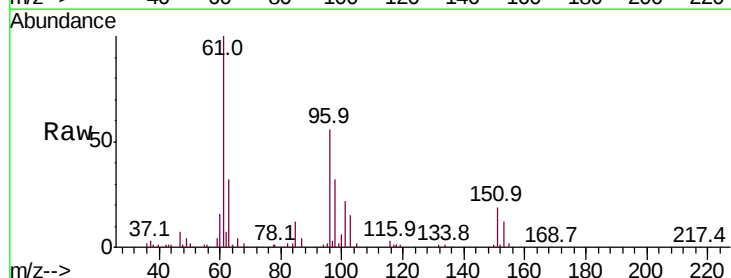
Tot Ion: 59 Resp: 13894
Ion Ratio Lower Upper
59 100
57 4.1 8.5 12.7#

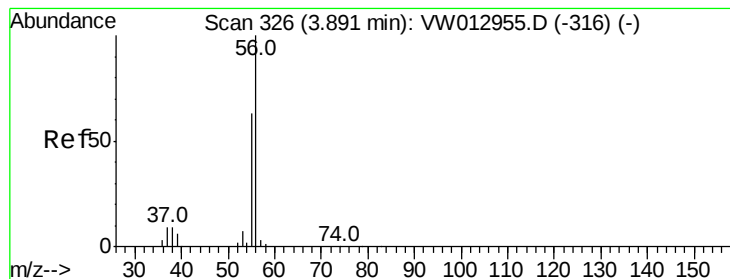


#12

1,1-Dichloroethene
Concen: 21.289 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 96 Resp: 46390
Ion Ratio Lower Upper
96 100
61 178.7 137.9 206.9
98 56.4 48.9 73.3





#13

Acrolein

Concen: 96.369 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

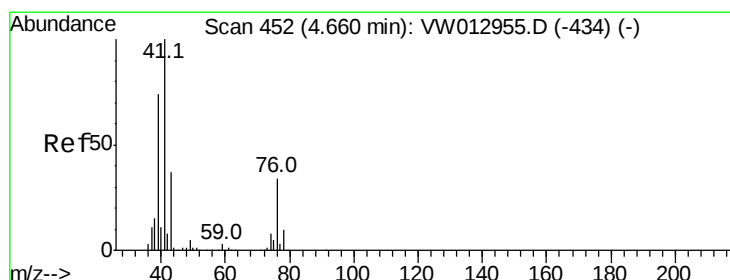
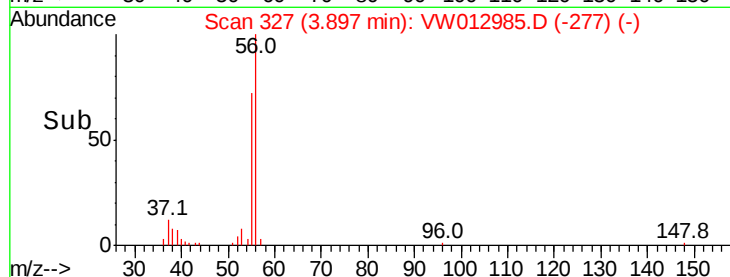
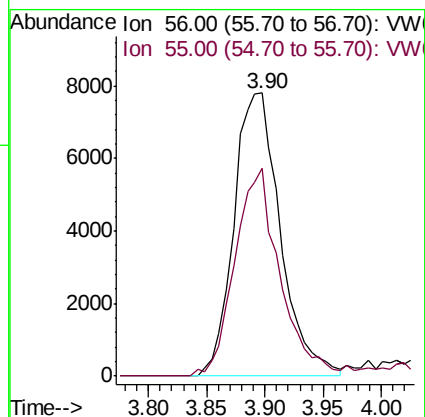
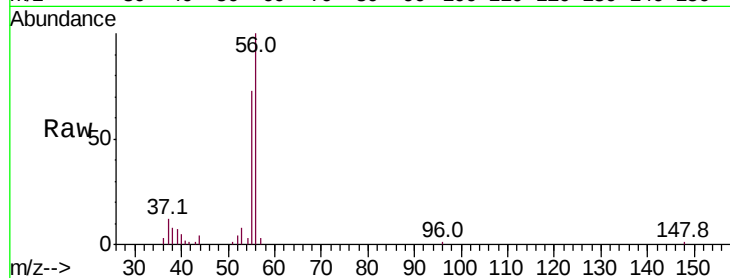
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 21639

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



#14

Allyl chloride

Concen: 21.695 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

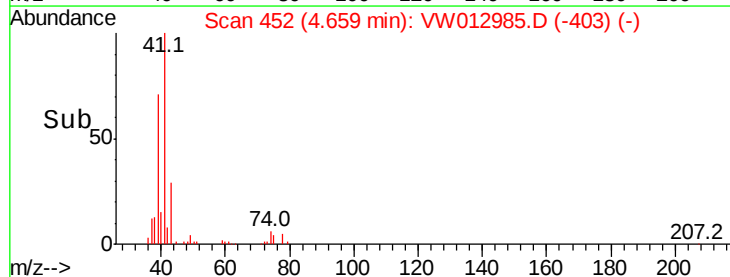
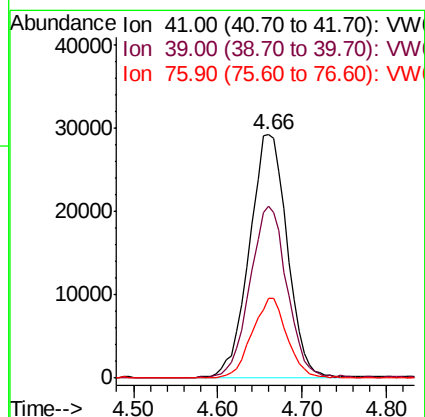
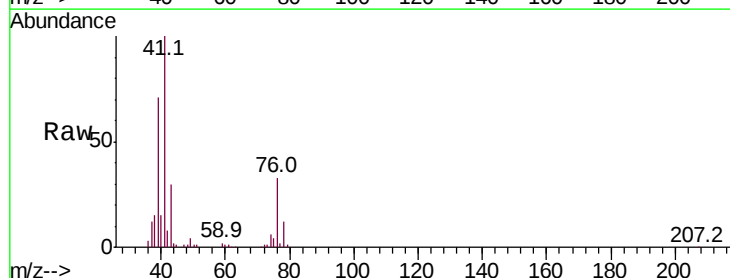
Tgt Ion: 41 Resp: 89749

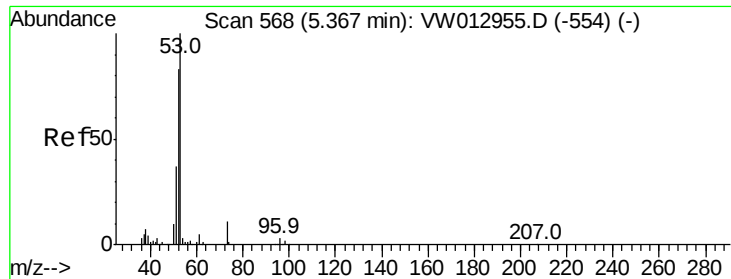
Ion Ratio Lower Upper

41 100

39 69.0 56.7 85.1

76 30.5 25.1 37.7

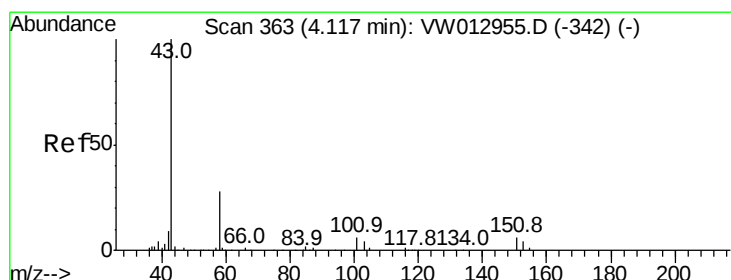
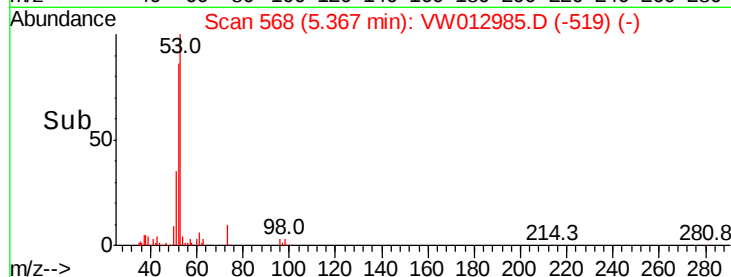
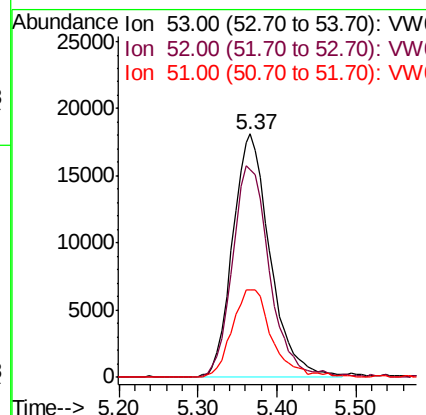
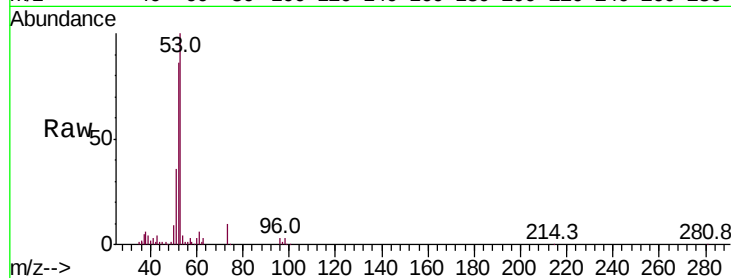




#15
 Acrylonitrile
 Concen: 94.779 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

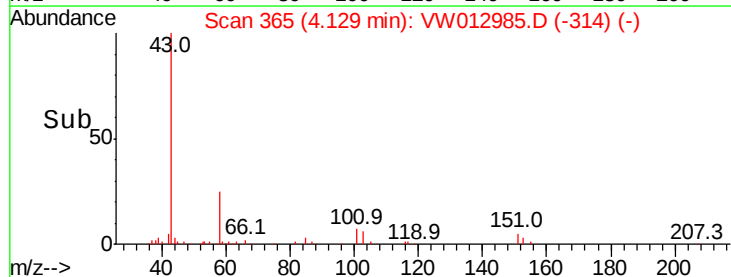
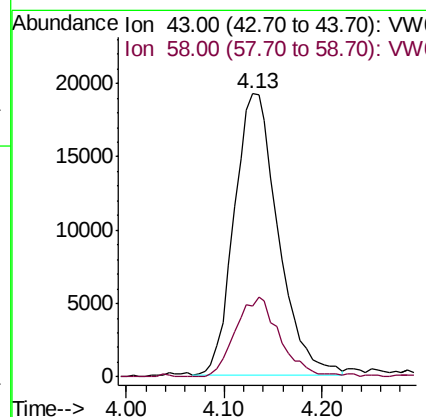
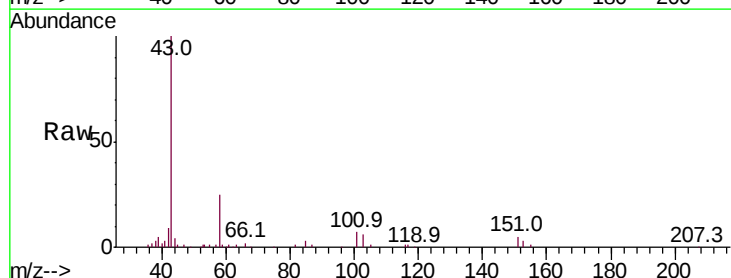
Instrument :
 MSVOA_W
 ClientSampled :

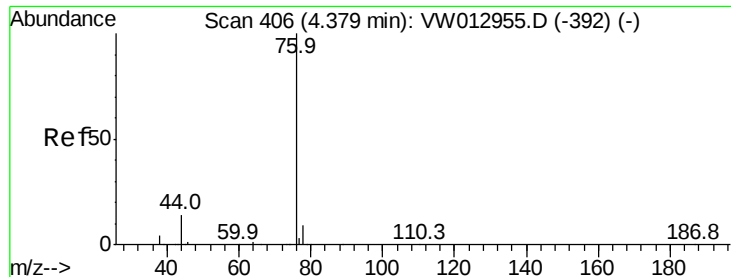
Tot Ion: 53 Resp: 59726
 Ion Ratio Lower Upper
 53 100
 52 86.4 66.6 100.0
 51 38.0 29.8 44.8



#16
 Acetone
 Concen: 80.386 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion: 43 Resp: 59247
 Ion Ratio Lower Upper
 43 100
 58 25.5 22.3 33.5

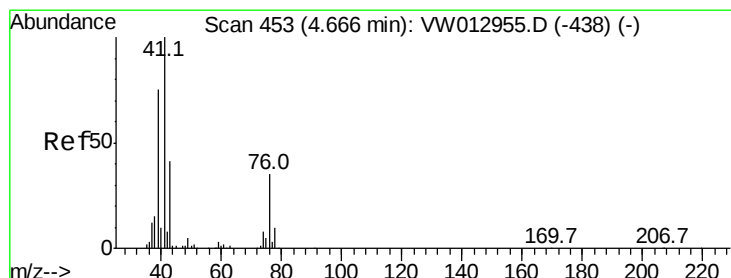
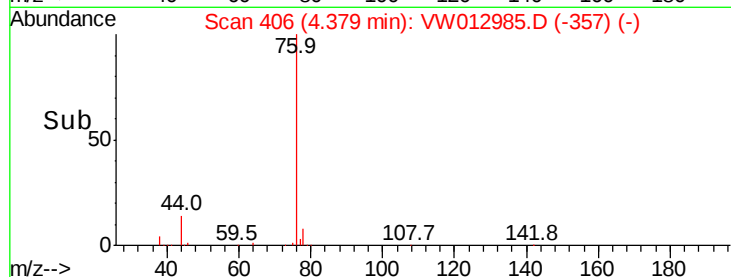
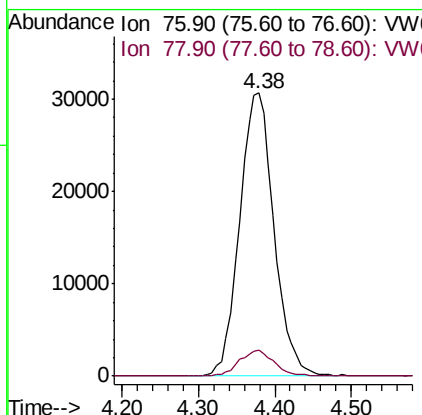
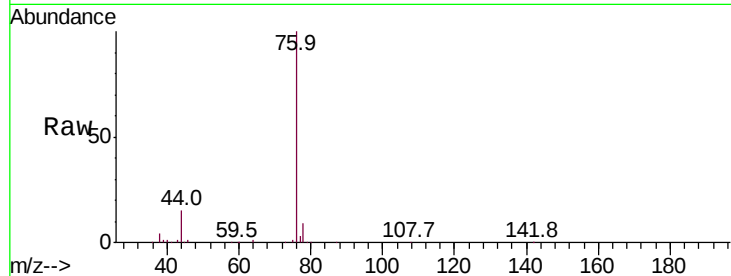




#17
Carbon Disulfide
Concen: 21.949 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

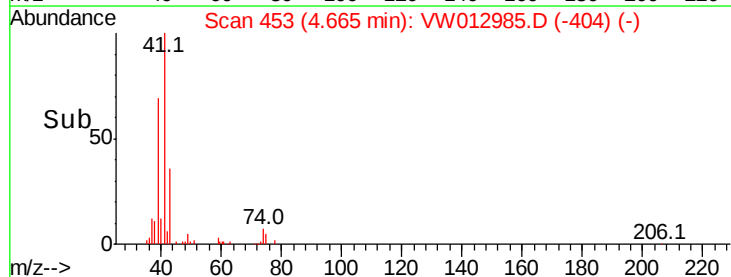
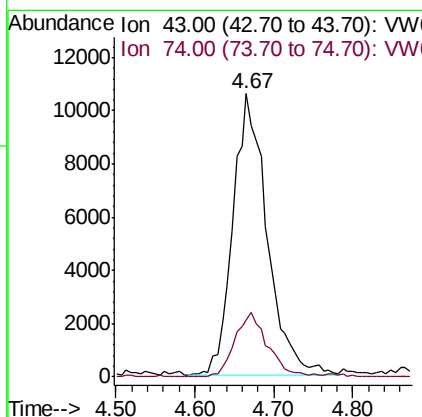
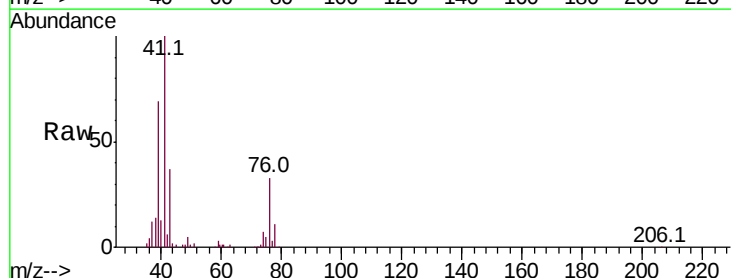
Instrument :
MSVOA_W
ClientSampled :

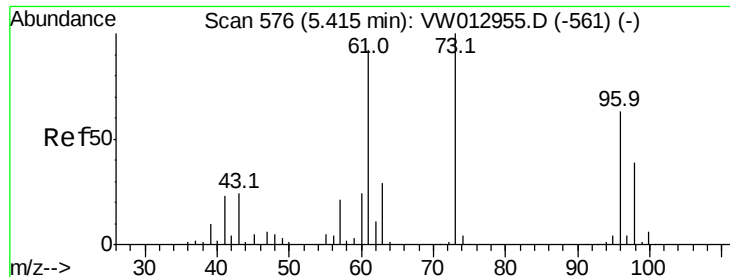
Tot Ion: 76 Resp: 95314
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 19.077 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 43 Resp: 31689
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8

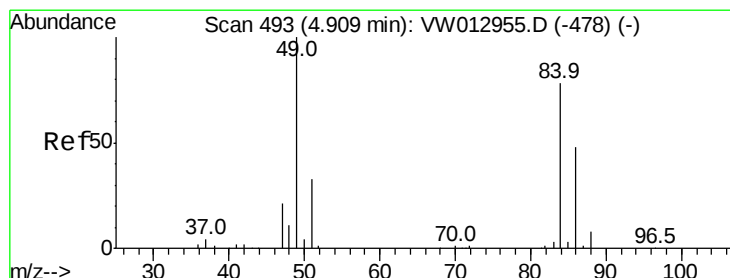
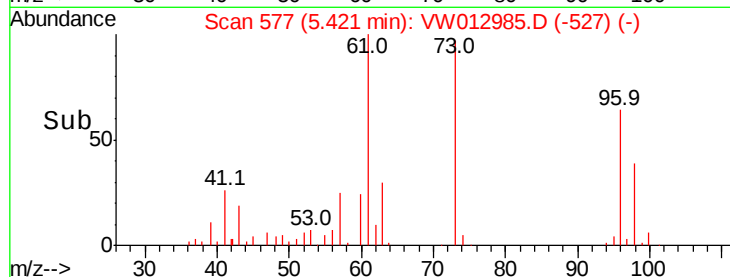
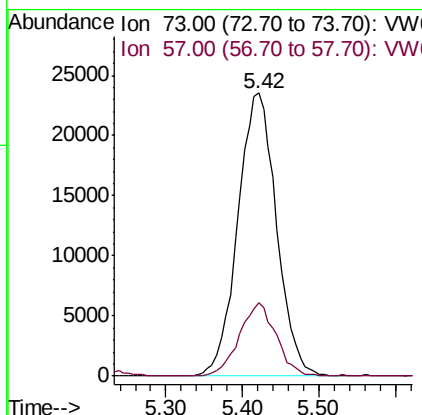
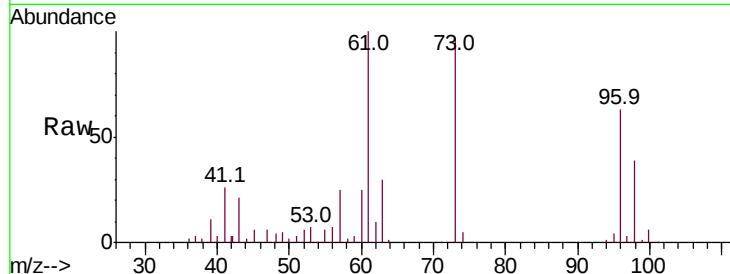




#19
Methyl tert-butyl Ether
Concen: 19.234 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

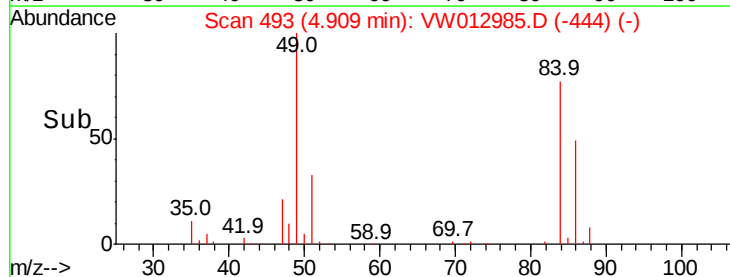
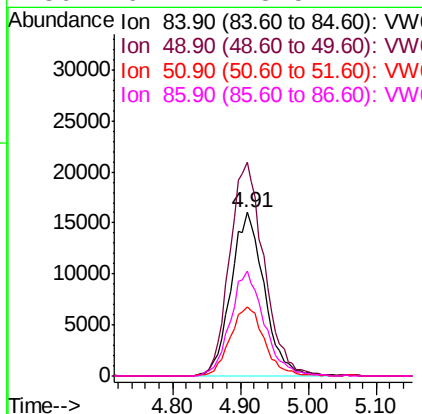
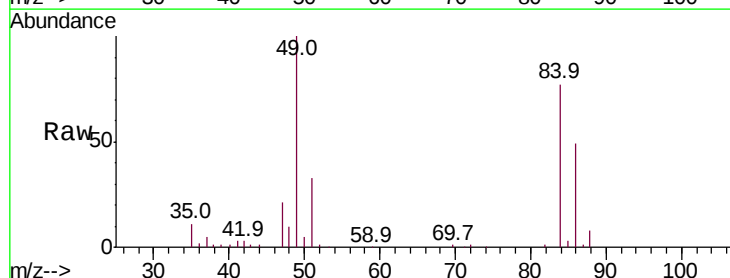
Instrument :
MSVOA_W
ClientSampled :

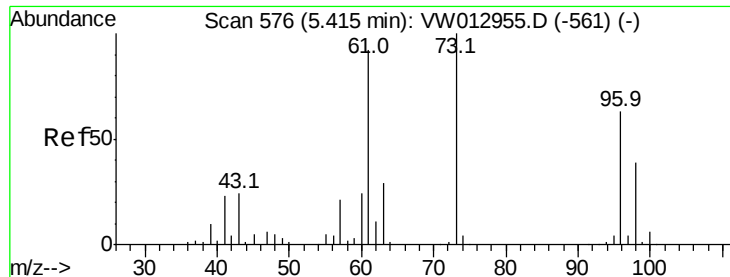
Tot Ion: 73 Resp: 82732
Ion Ratio Lower Upper
73 100
57 26.0 16.4 24.6#



#20
Methylene Chloride
Concen: 20.138 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 84 Resp: 54730
Ion Ratio Lower Upper
84 100
49 130.4 102.0 153.0
51 42.6 34.0 51.0
86 64.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.047 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampled :

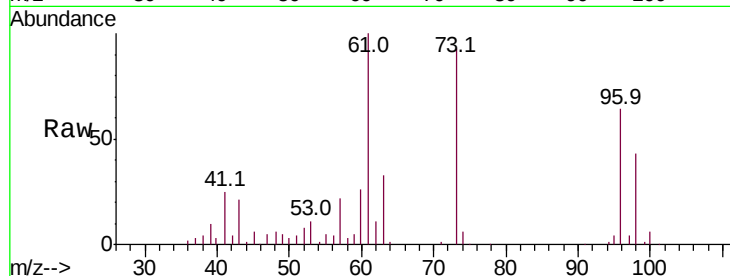
Tot Ion: 96 Resp: 49120

Ion Ratio Lower Upper

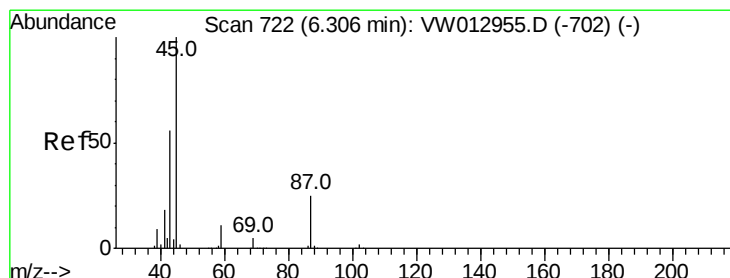
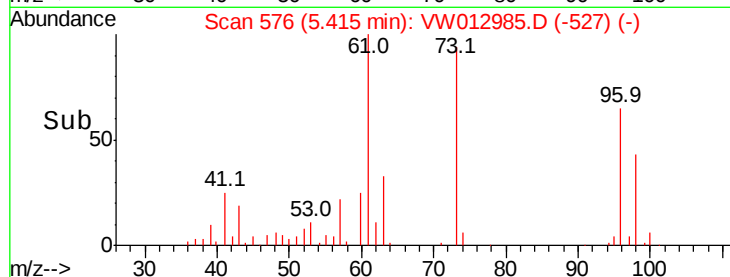
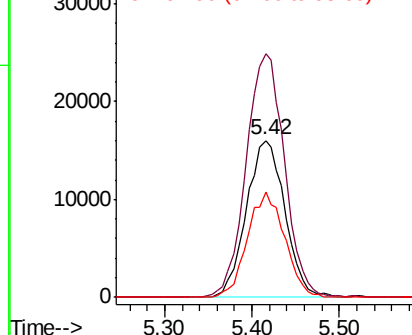
96 100

61 155.2 116.2 174.2

98 67.0 49.8 74.6



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



#22

Diisopropyl ether

Concen: 20.626 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Tgt Ion: 45 Resp: 177256

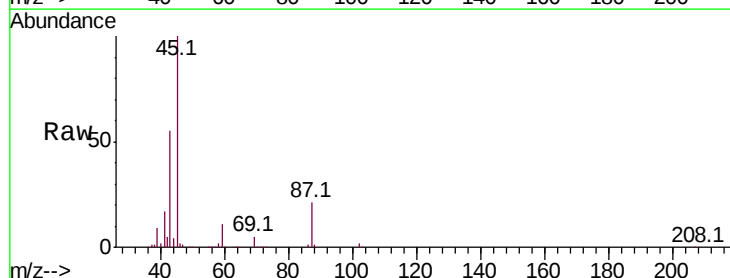
Ion Ratio Lower Upper

45 100

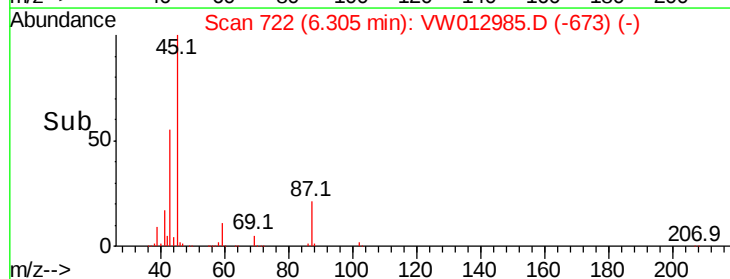
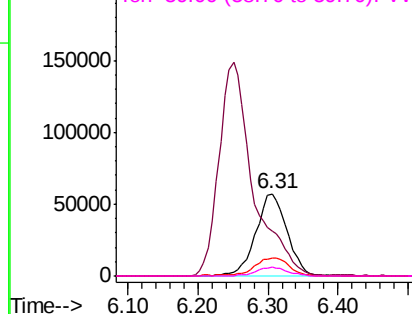
43 54.1 44.6 67.0

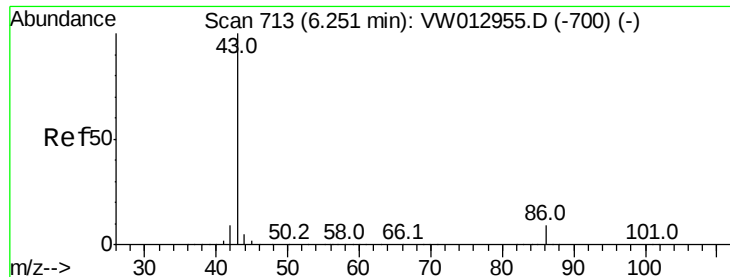
87 21.3 20.0 30.0

59 10.5 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

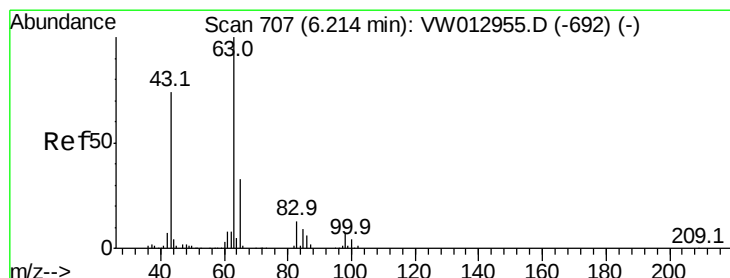
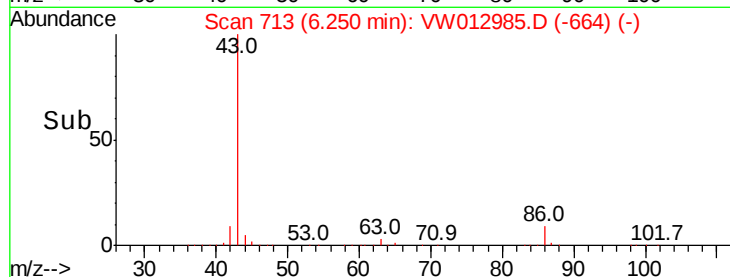
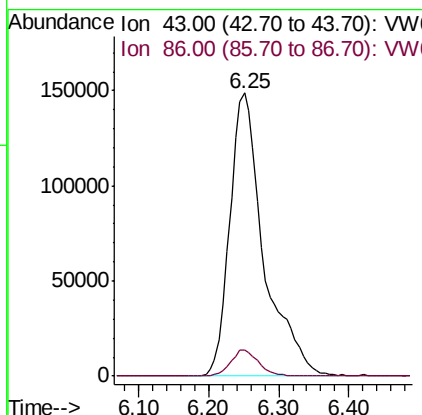
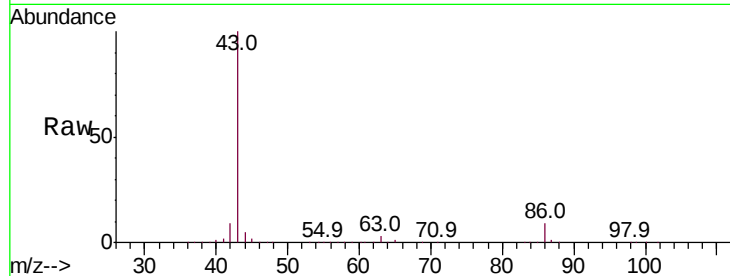




#23
 Vinyl Acetate
 Concen: 98.077 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

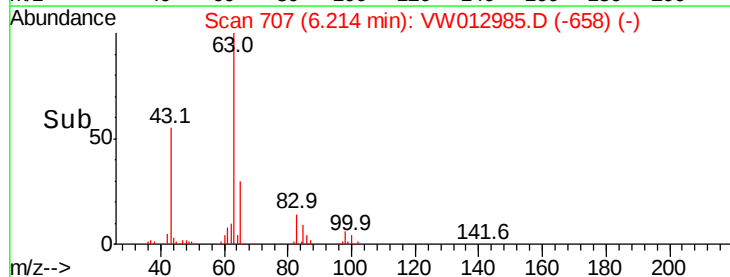
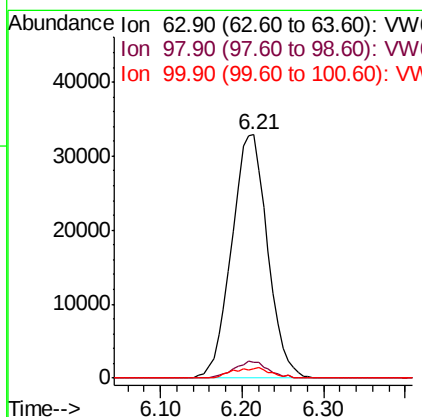
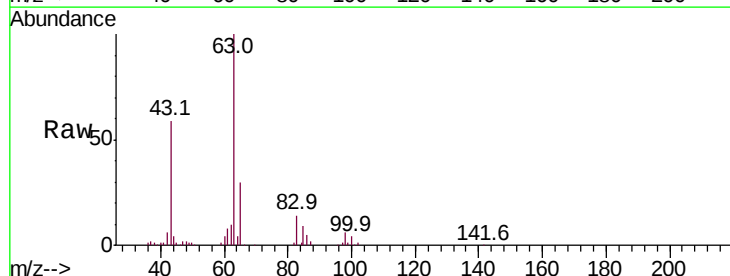
Instrument :
 MSVOA_W
 ClientSampleId :

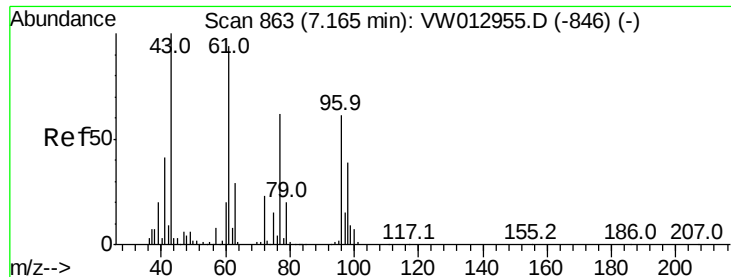
Tot Ion: 43 Resp: 504825
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.216 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion: 63 Resp: 100170
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 94.313 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

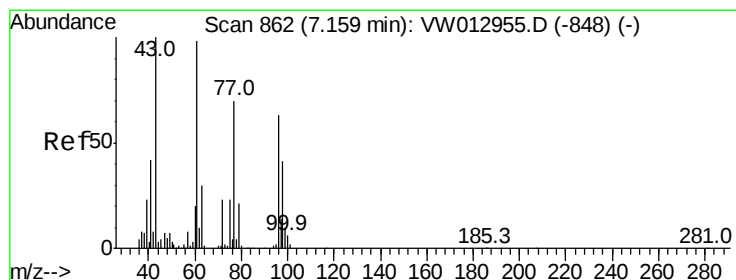
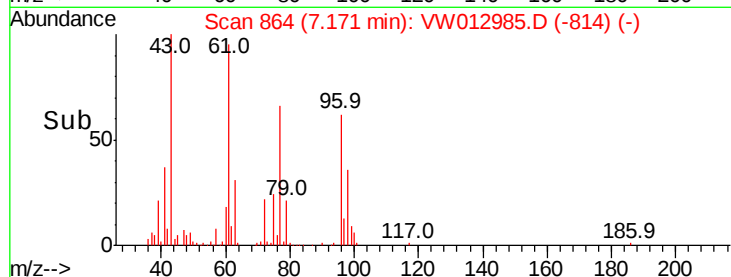
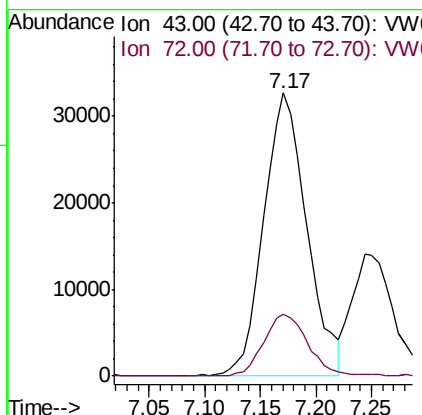
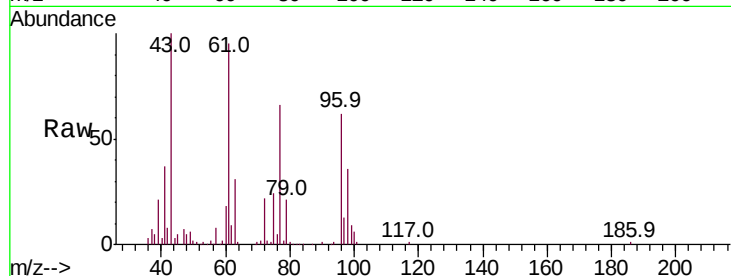
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 87437

Ion Ratio Lower Upper

43 100

72 22.0 18.2 27.4



#26

2,2-Dichloropropane

Concen: 19.653 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW012985.D

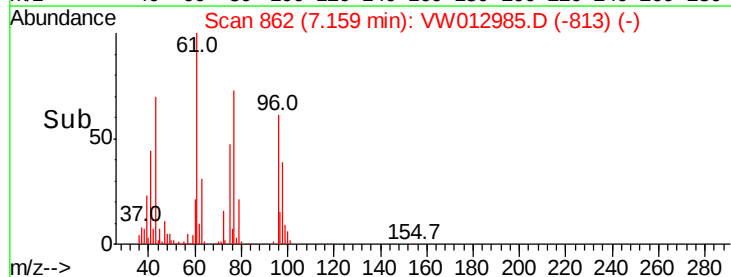
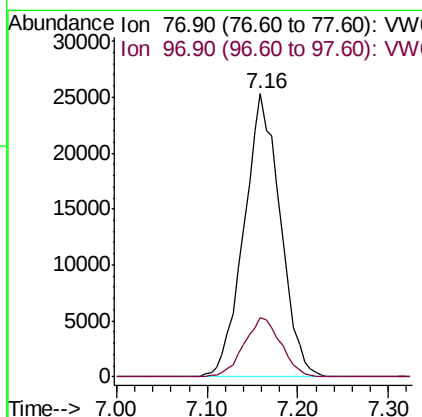
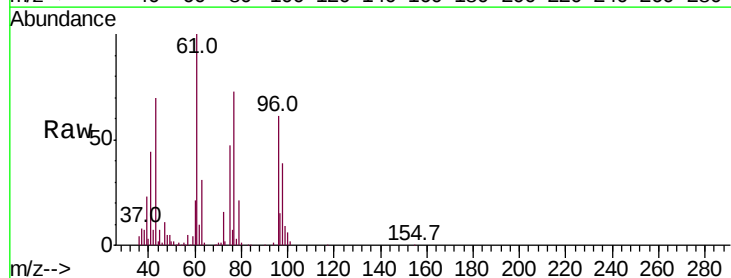
Acq: 14 Sep 2019 11:37

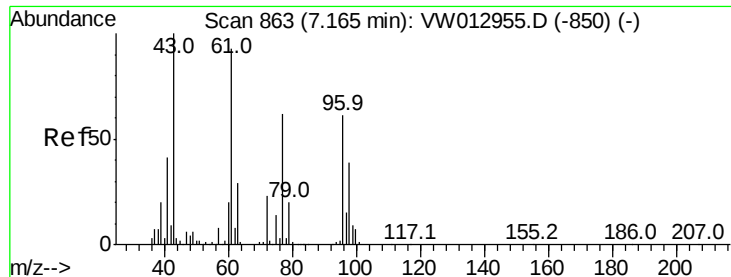
Tgt Ion: 77 Resp: 70077

Ion Ratio Lower Upper

77 100

97 21.3 10.7 32.1



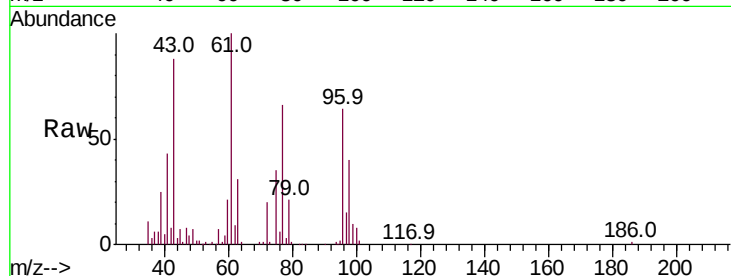


#27

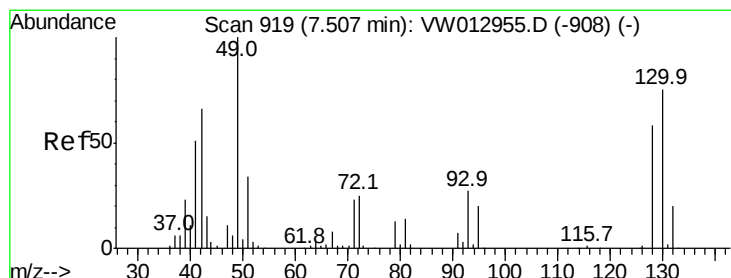
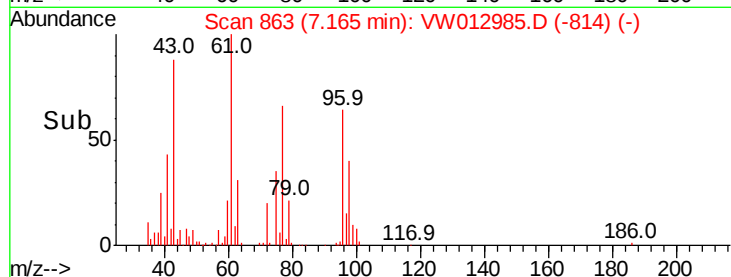
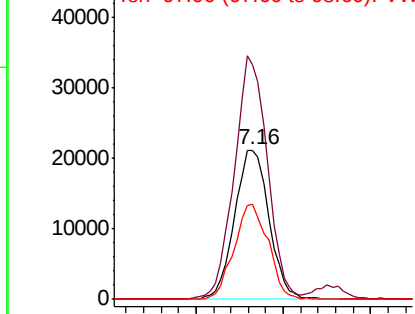
cis-1,2-Dichloroethene
Concen: 20.826 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 58190
Ion Ratio Lower Upper
96 100
61 156.3 0.0 315.4
98 63.2 0.0 131.0



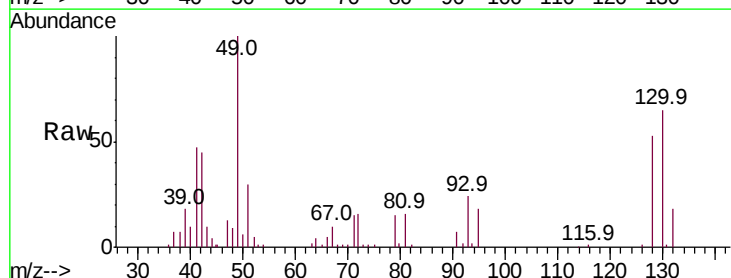
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



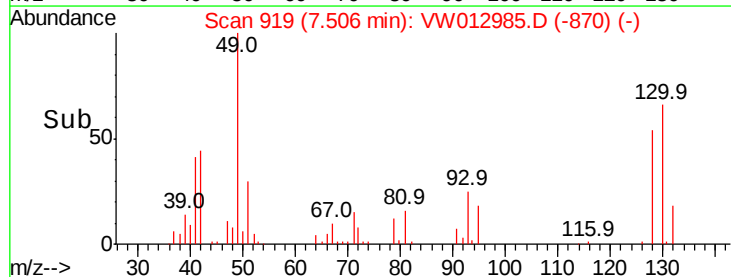
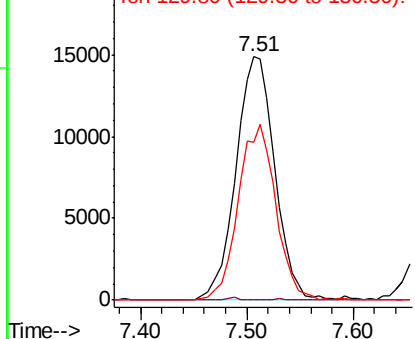
#28

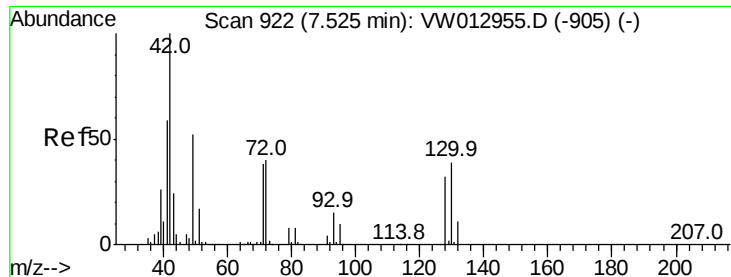
Bromochloromethane
Concen: 18.222 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 49 Resp: 38002
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.4
130 69.7 57.8 86.6



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

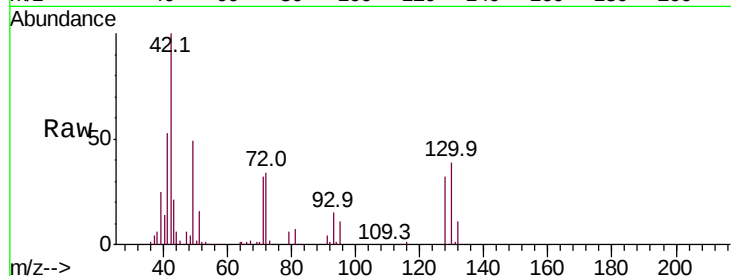




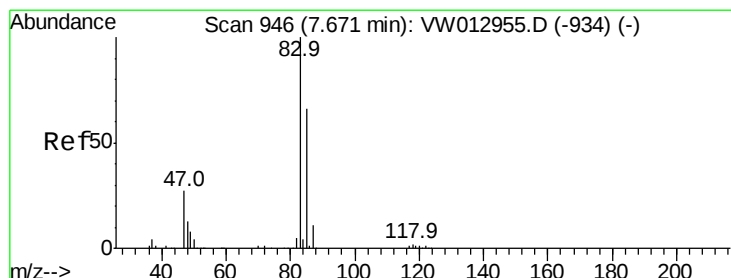
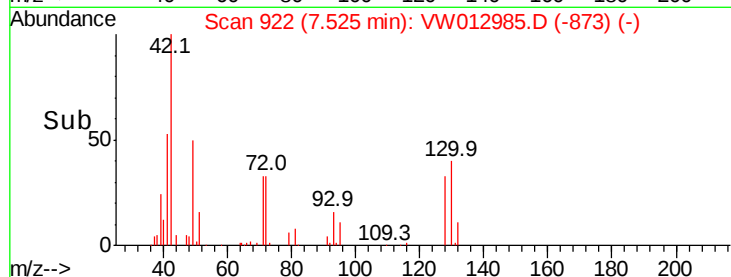
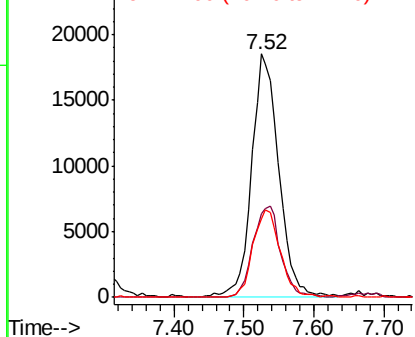
#29
Tetrahydrofuran
Concen: 94.906 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.4	47.0
71	36.0	29.8	44.8

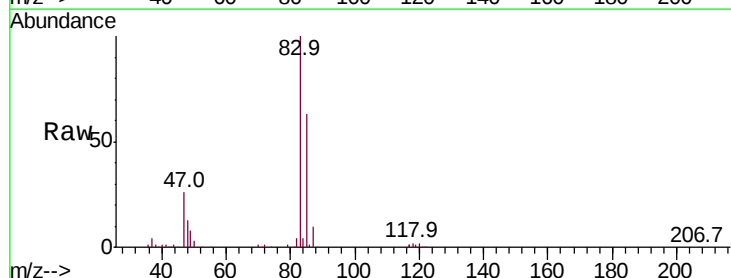


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

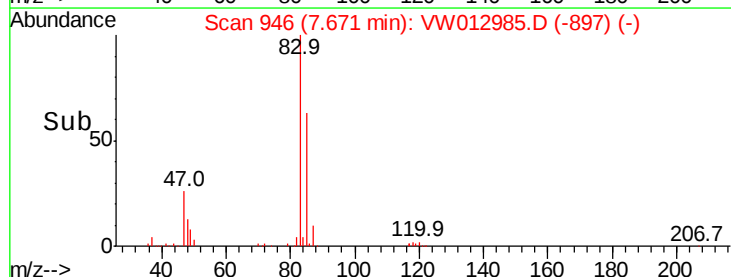
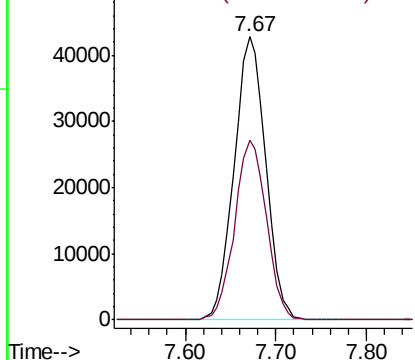


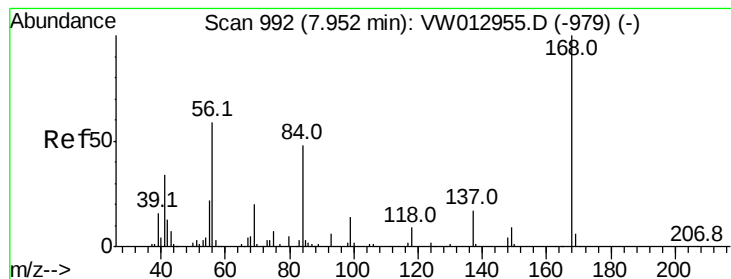
#30
Chloroform
Concen: 20.506 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.8	79.2



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





#31

Cyclohexane

Concen: 21.913 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampled :

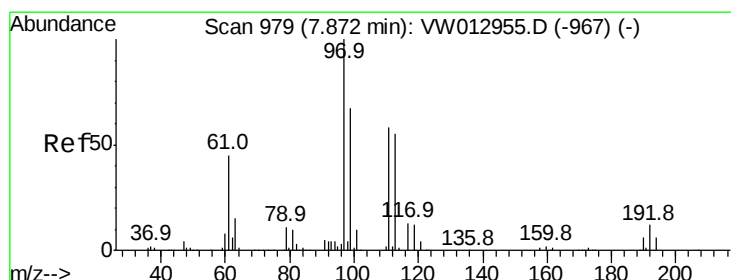
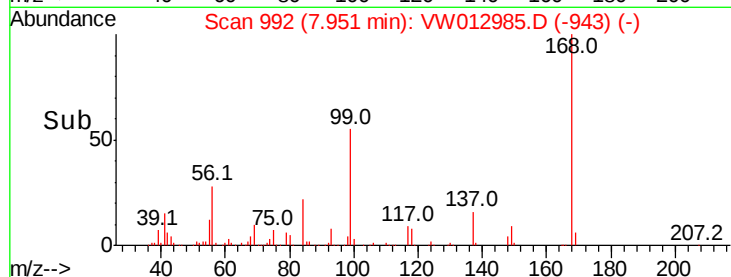
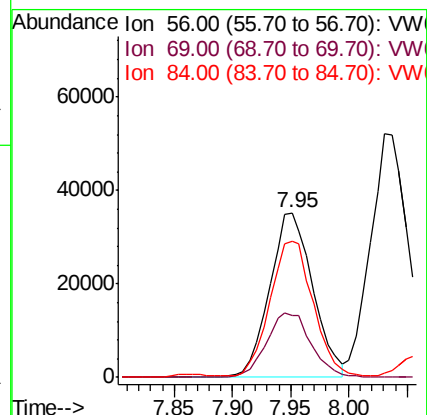
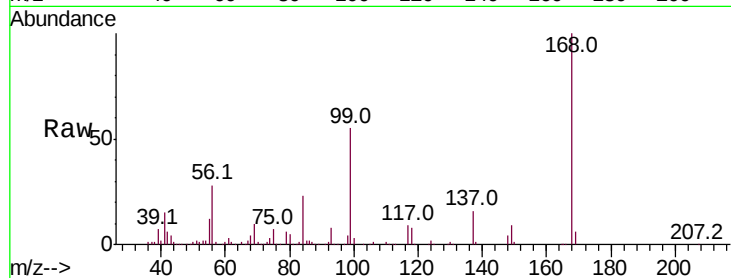
Tot Ion: 56 Resp: 90389

Ion Ratio Lower Upper

56 100

69 37.7 27.0 40.6

84 80.8 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 20.468 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

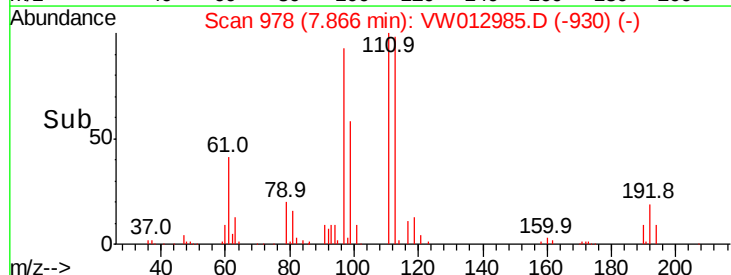
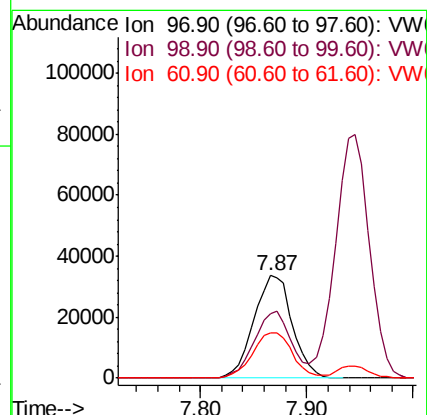
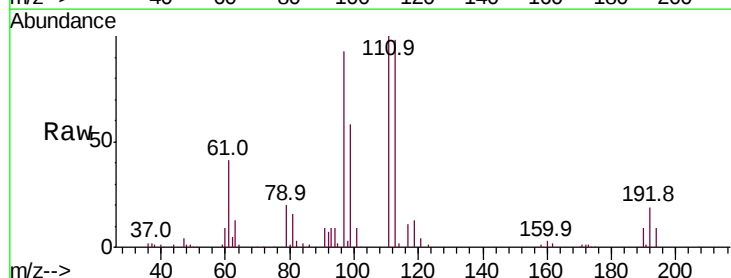
Tgt Ion: 97 Resp: 84862

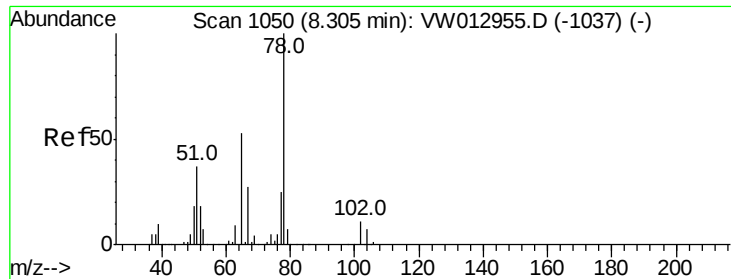
Ion Ratio Lower Upper

97 100

99 63.7 53.0 79.4

61 46.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.071 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

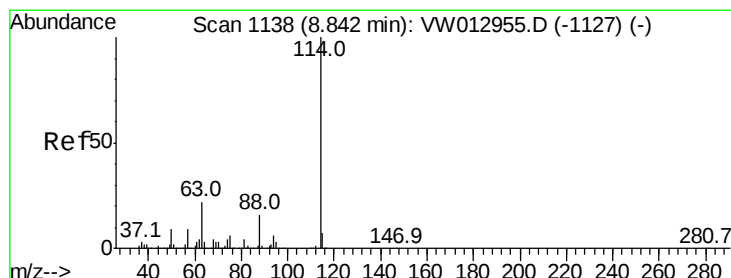
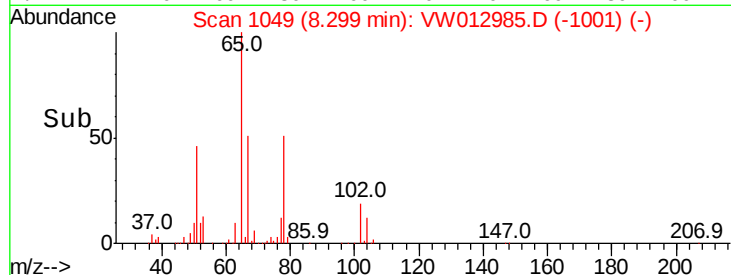
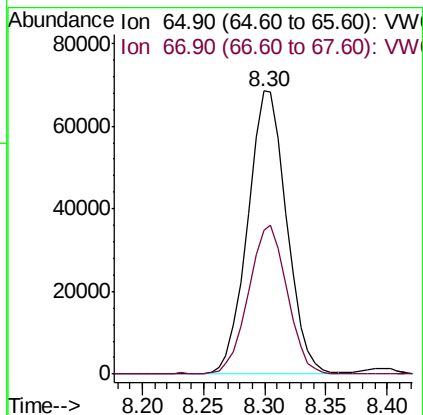
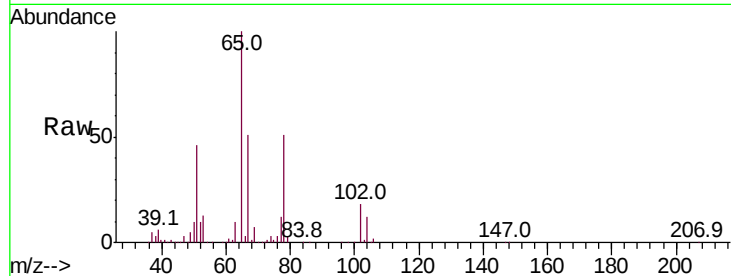
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 151817

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

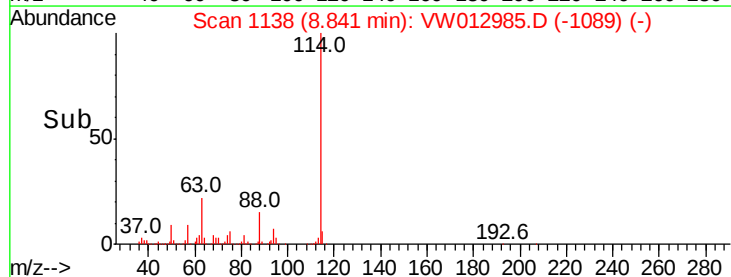
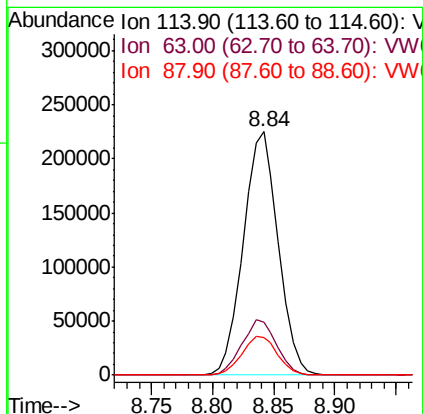
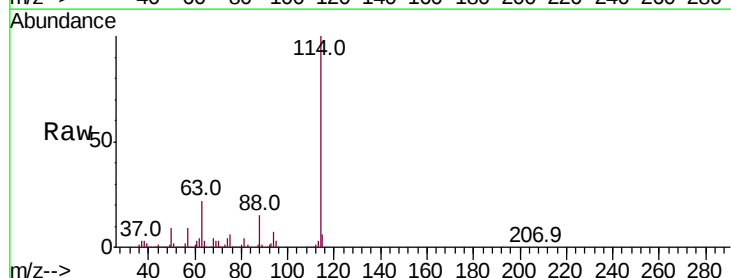
Tgt Ion: 114 Resp: 445709

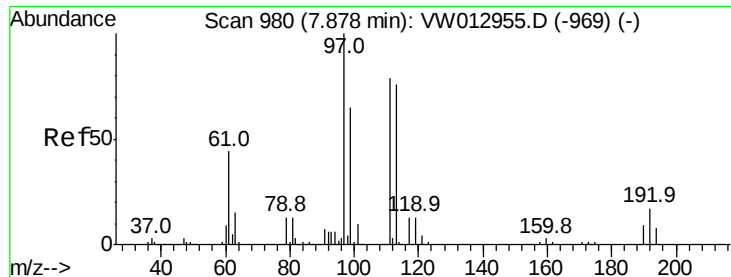
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 15.3 0.0 31.6

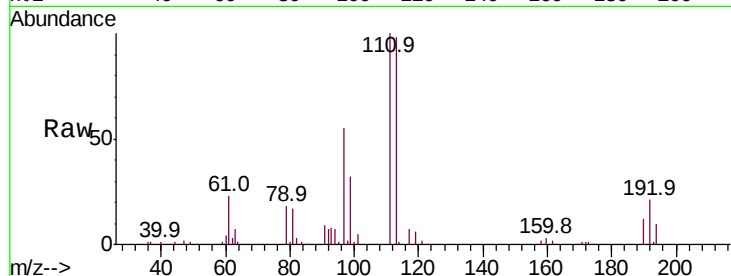




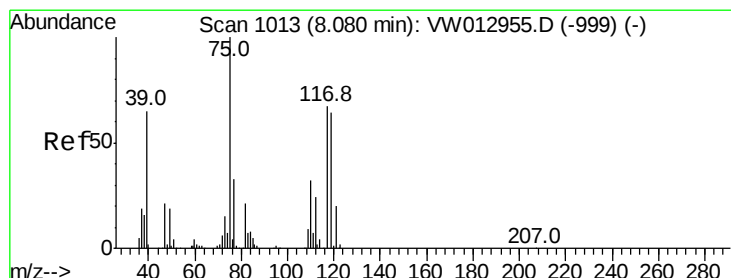
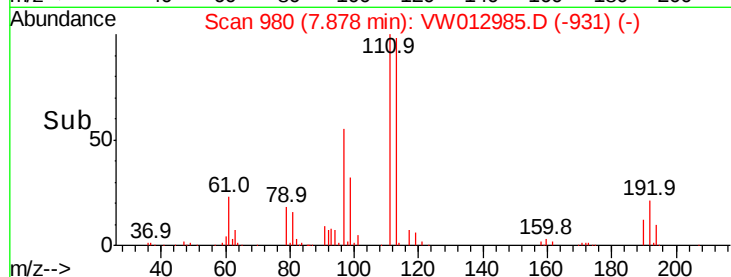
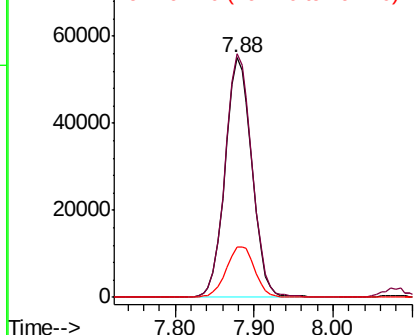
#35
 Dibromofluoromethane
 Concen: 53.686 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	22.6	17.8	26.8

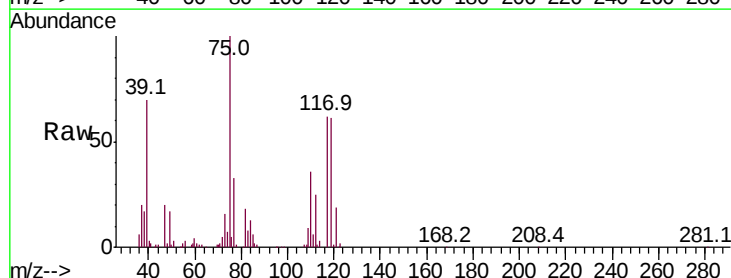


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

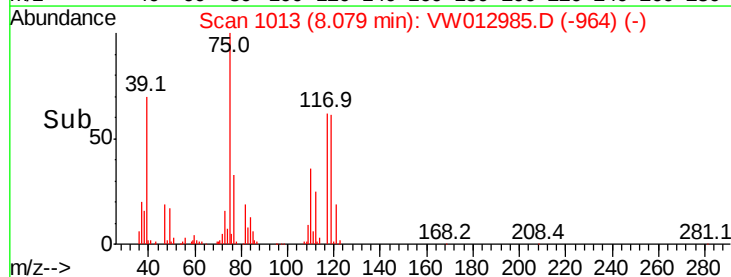
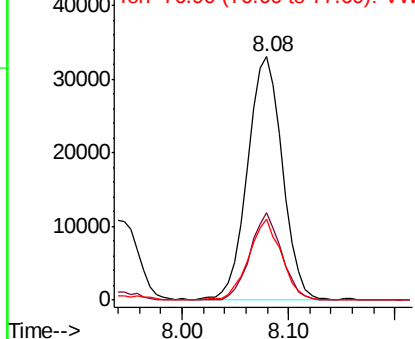


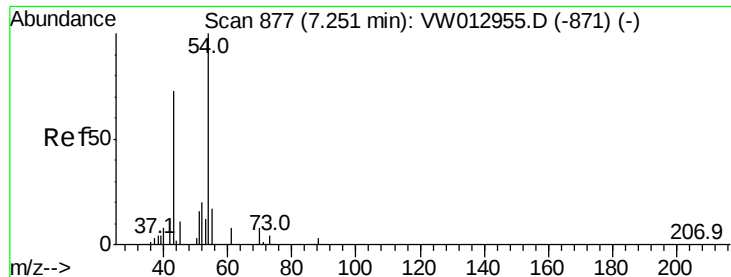
#36
 1,1-Dichloropropene
 Concen: 21.294 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.4	49.1
77	31.5	25.1	37.7



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

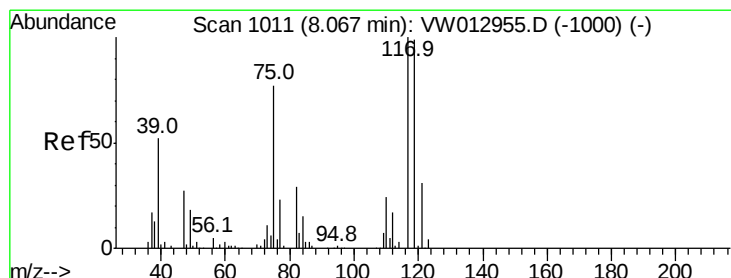
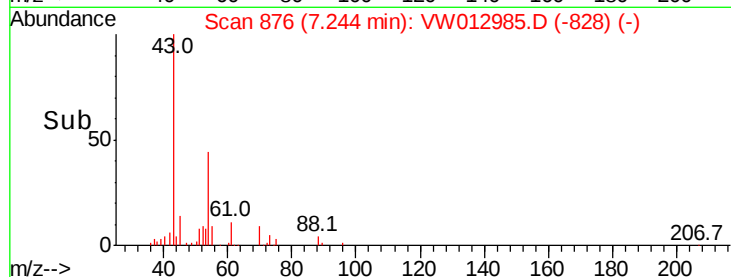
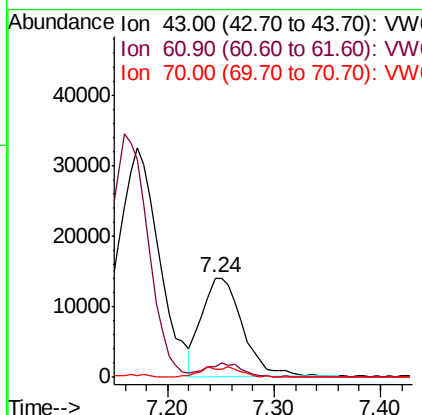
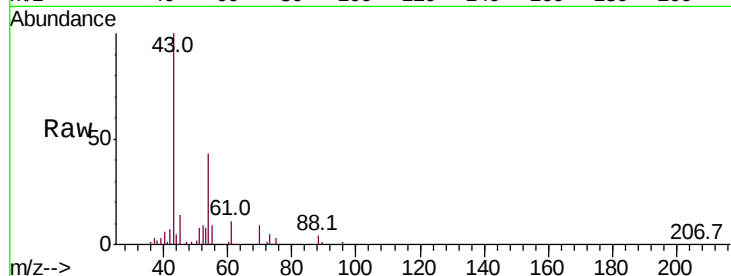




#37
Ethyl Acetate
Concen: 19.294 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

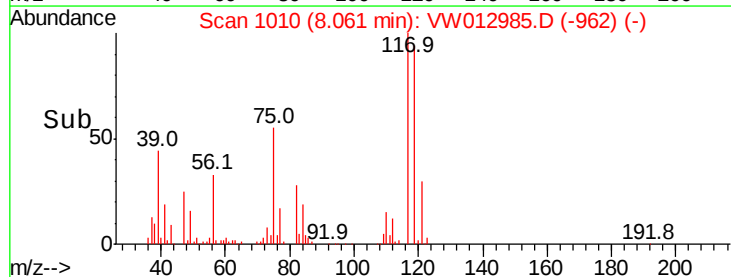
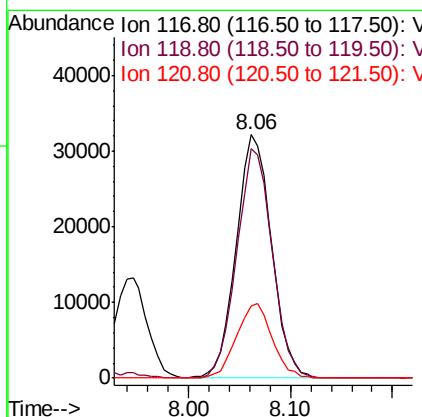
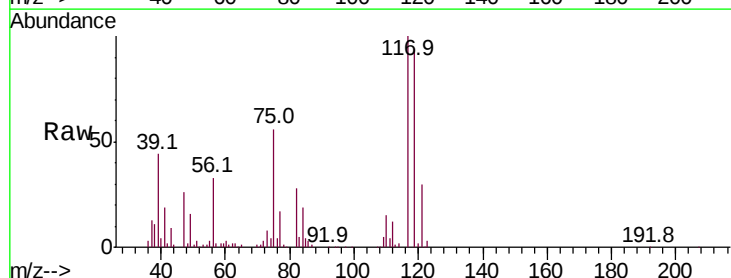
Instrument :
MSVOA_W
ClientSampleId :

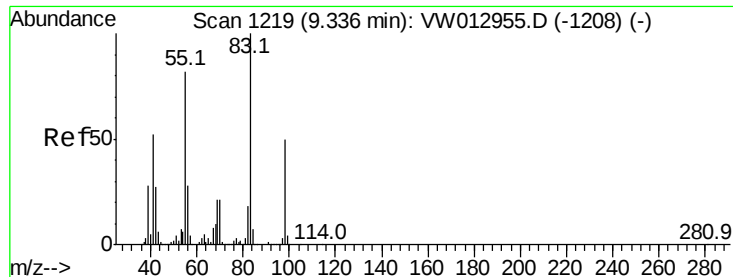
Tot Ion: 43 Resp: 36474
Ion Ratio Lower Upper
43 100
61 13.0 9.6 14.4
70 10.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 21.184 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 117 Resp: 77317
Ion Ratio Lower Upper
117 100
119 94.0 79.4 119.0
121 29.5 24.6 36.8

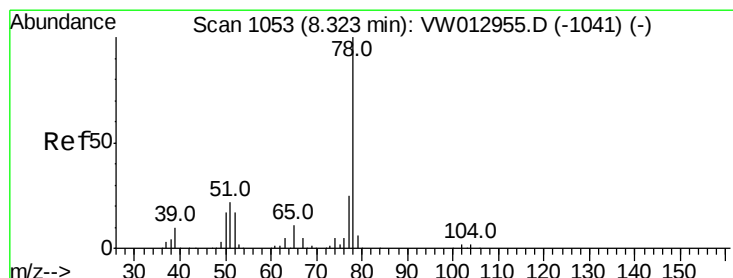
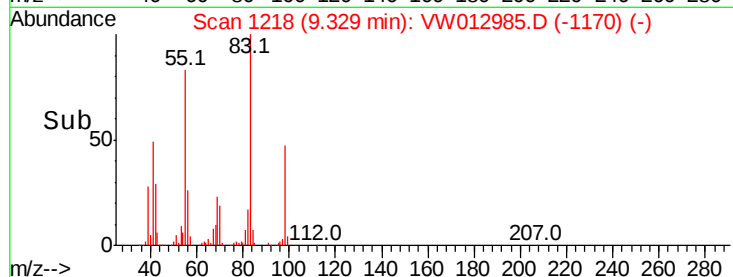
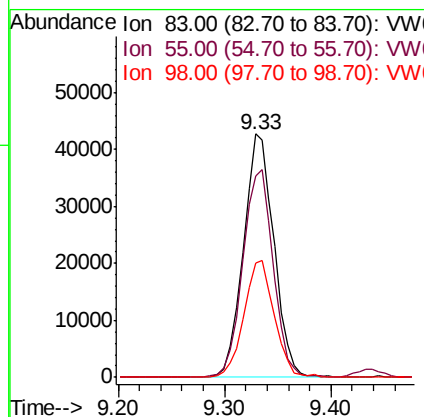
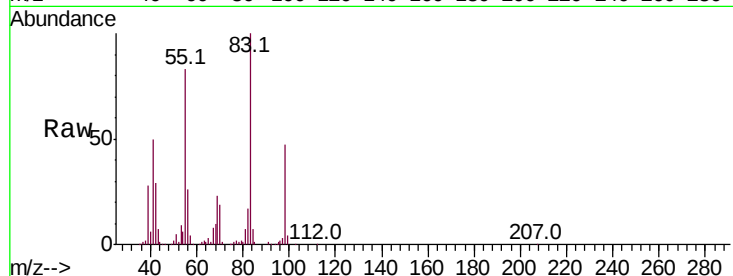




#39
Methylcyclohexane
Concen: 21.959 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

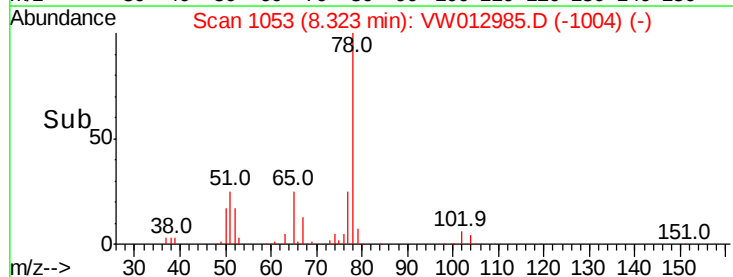
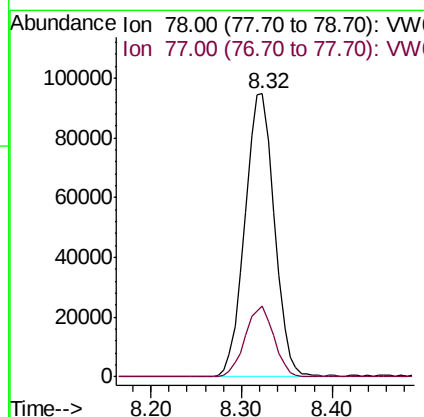
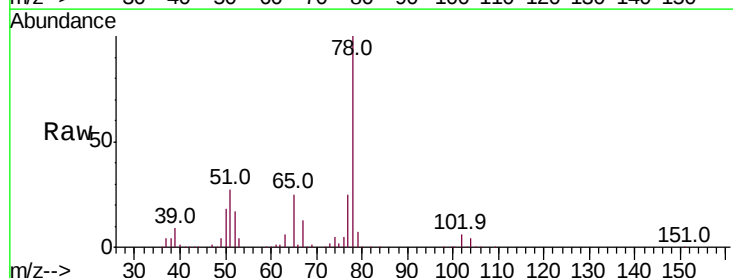
Instrument :
MSVOA_W
ClientSampled :

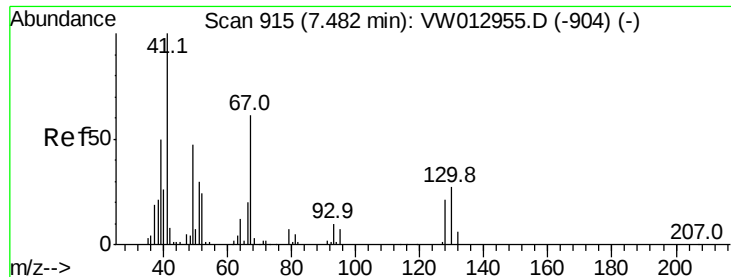
Tot Ion: 83 Resp: 85702
Ion Ratio Lower Upper
83 100
55 83.0 65.9 98.9
98 47.1 39.6 59.4



#40
Benzene
Concen: 21.563 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 78 Resp: 214393
Ion Ratio Lower Upper
78 100
77 24.9 19.6 29.4





#41

Methacrylonitrile

Concen: 16.872 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 21005

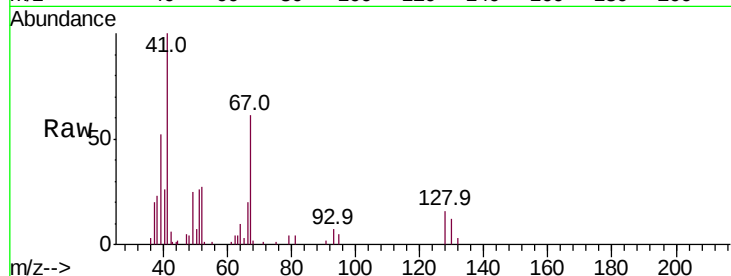
Ion	Ratio	Lower	Upper
41	100		
39	58.4	48.2	72.4
67	64.5	47.5	71.3
52	29.8	21.0	31.4

41 100

39 58.4 48.2 72.4

67 64.5 47.5 71.3

52 29.8 21.0 31.4

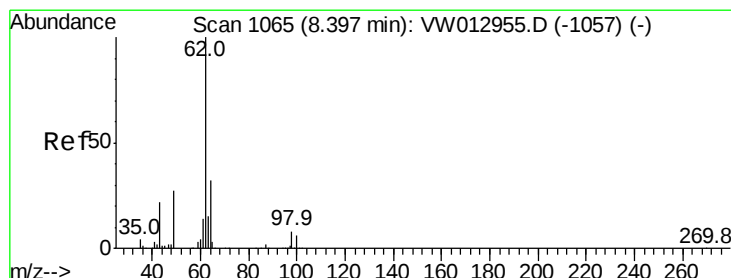
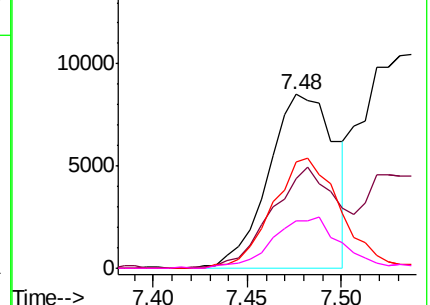
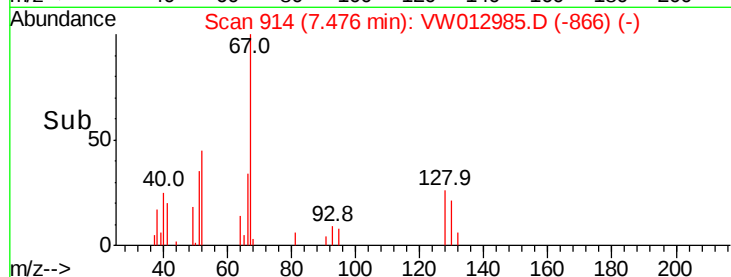


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.791 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012985.D

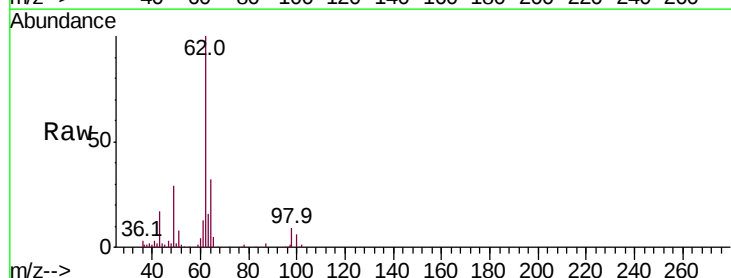
Acq: 14 Sep 2019 11:37

Tgt Ion: 62 Resp: 69298

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8

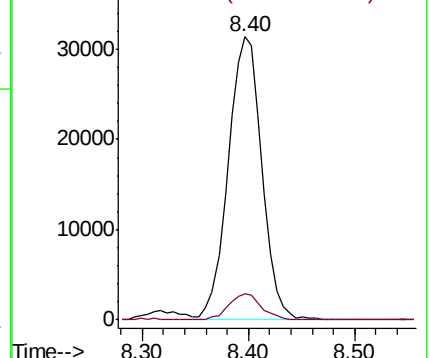
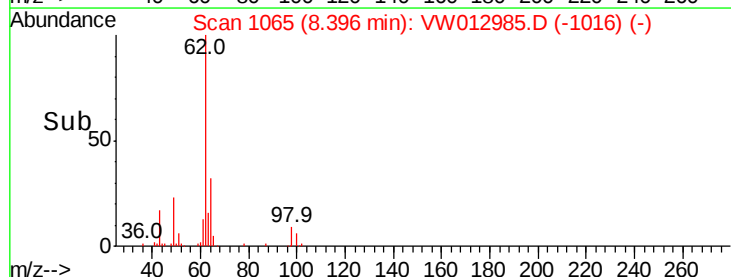
62 100

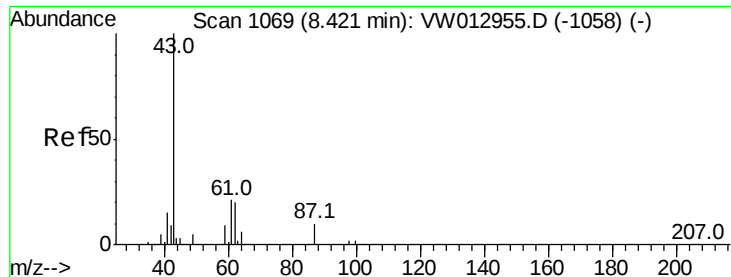
98 8.9 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.380 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

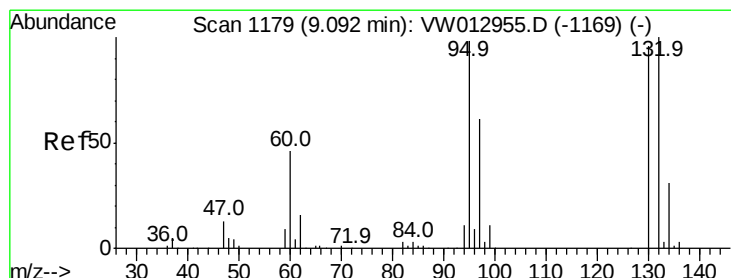
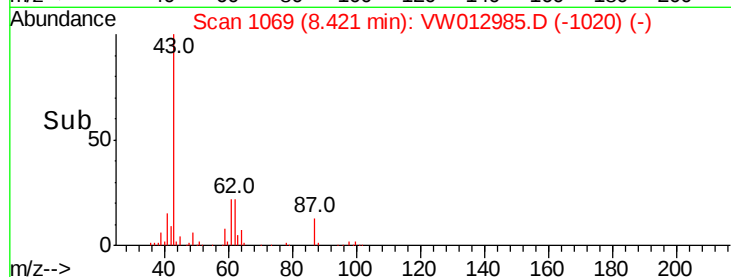
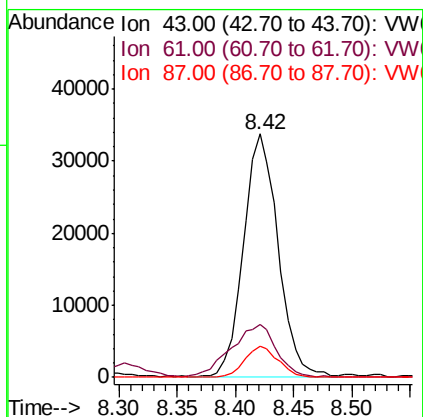
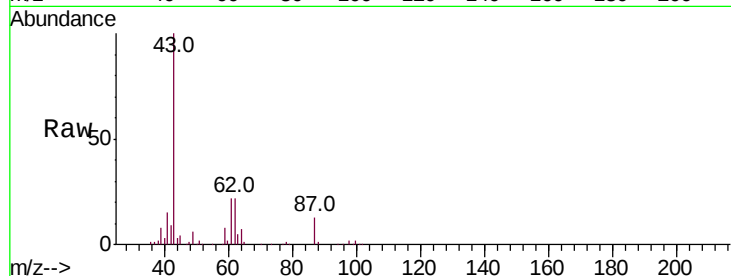
Tot Ion: 43 Resp: 70344

Ion Ratio Lower Upper

43 100

61 28.5 22.7 34.1

87 12.3 9.4 14.2



#44

Trichloroethene

Concen: 20.402 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012985.D

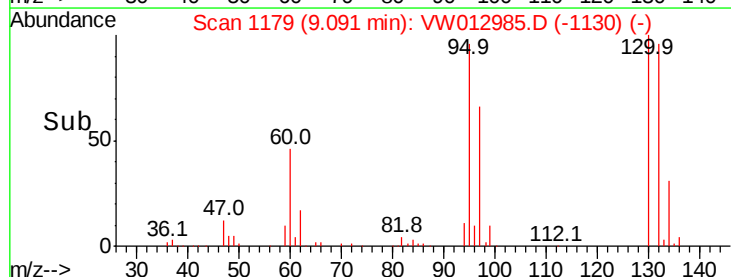
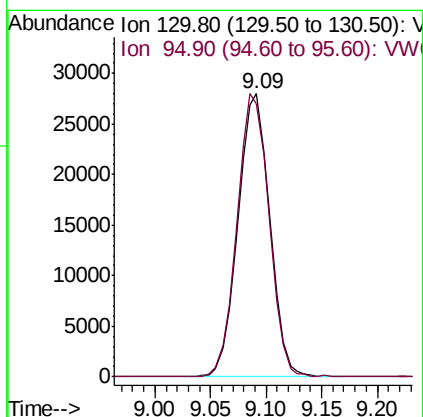
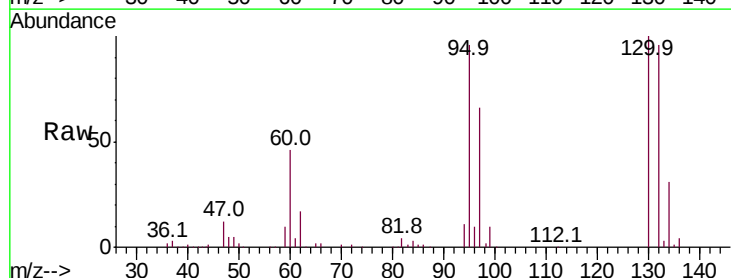
Acq: 14 Sep 2019 11:37

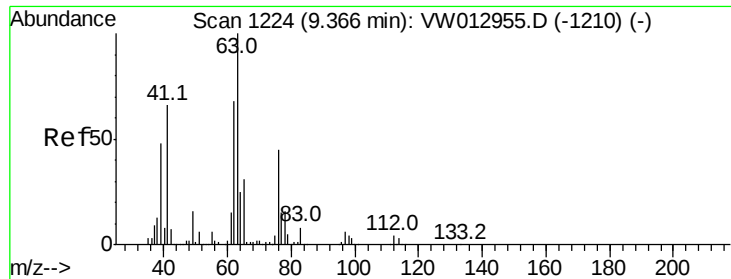
Tgt Ion:130 Resp: 55563

Ion Ratio Lower Upper

130 100

95 96.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.227 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

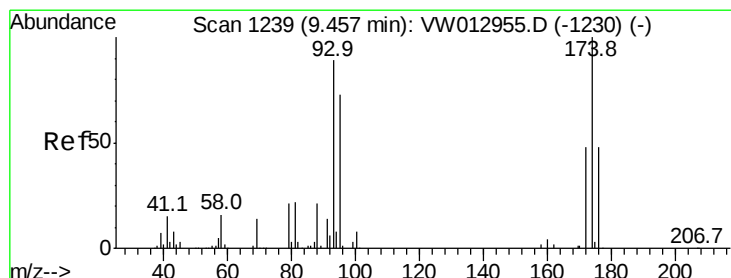
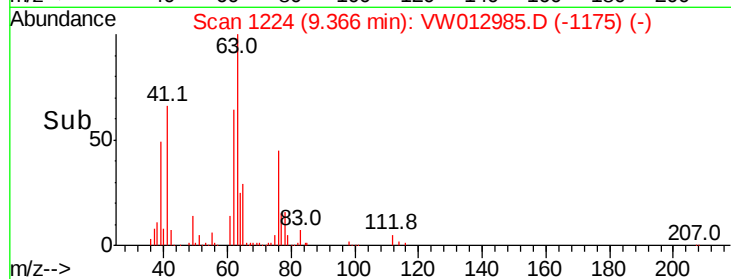
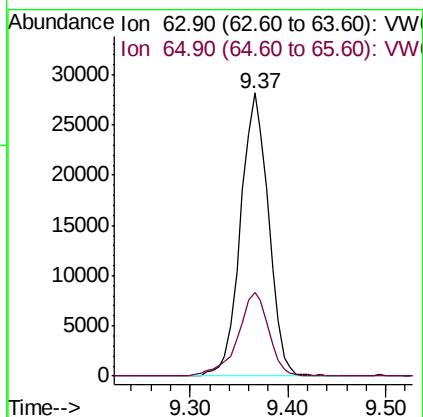
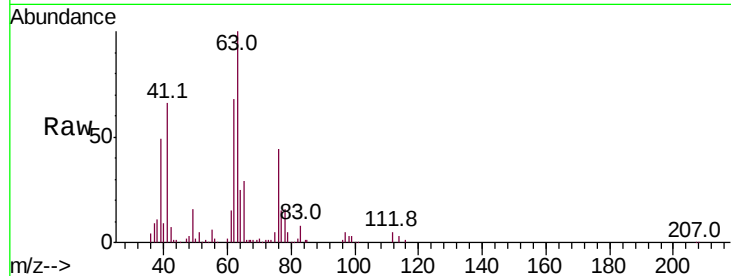
ClientSampled :

Tot Ion: 63 Resp: 56075

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



#46

Dibromomethane

Concen: 20.407 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

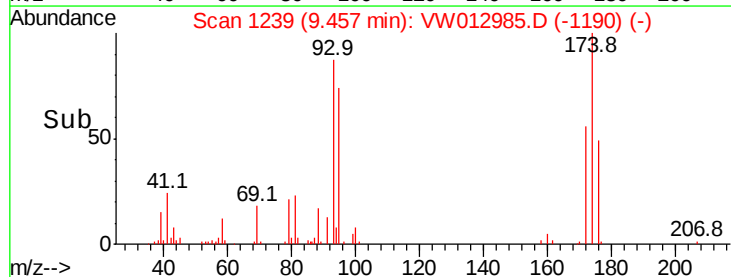
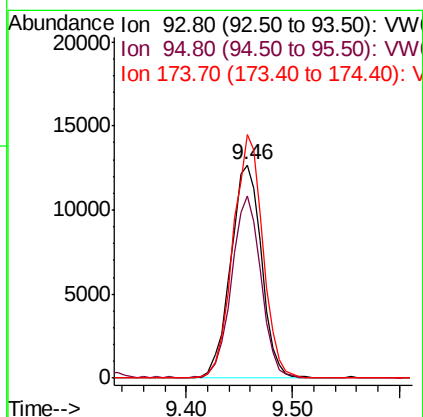
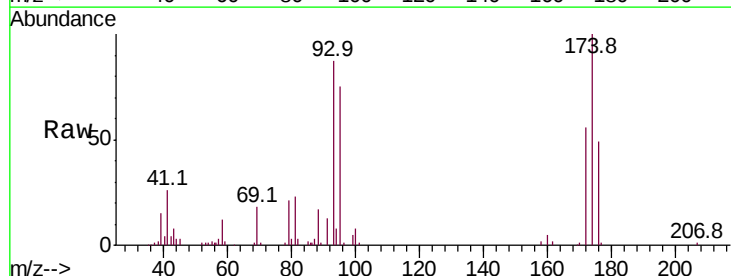
Tgt Ion: 93 Resp: 25827

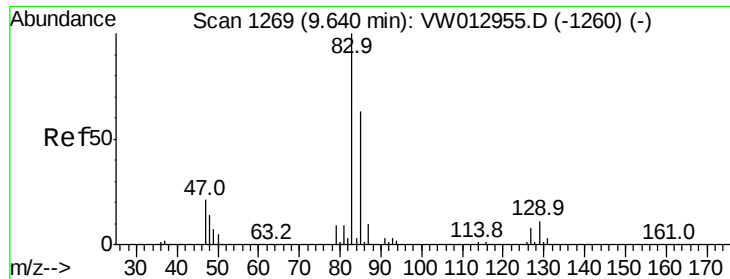
Ion Ratio Lower Upper

93 100

95 81.2 67.0 100.4

174 109.9 90.5 135.7





#47

Bromodichloromethane

Concen: 20.228 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampled :

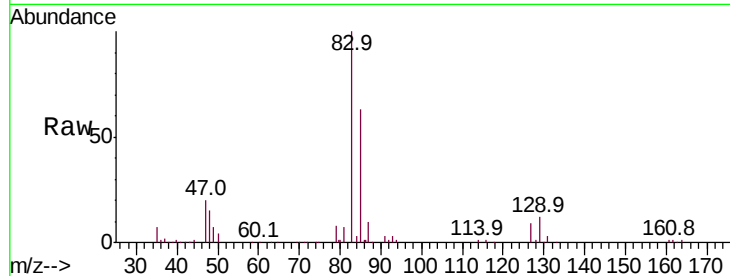
Tot Ion: 83 Resp: 71809

Ion Ratio Lower Upper

83 100

85 62.7 50.6 75.8

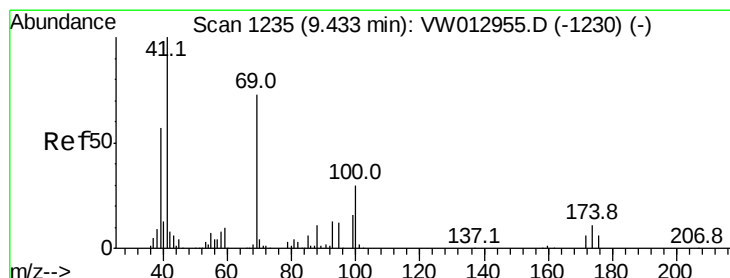
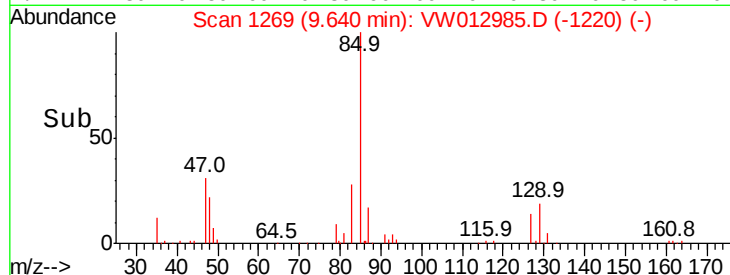
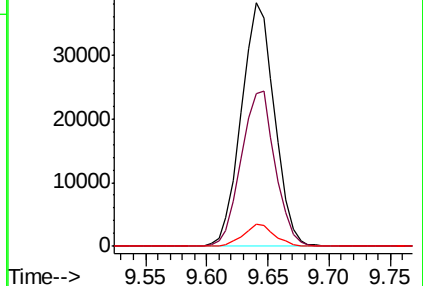
127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.936 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

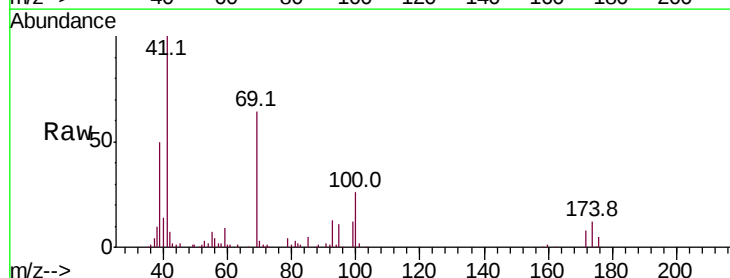
Tgt Ion: 41 Resp: 32257

Ion Ratio Lower Upper

41 100

69 77.6 62.8 94.2

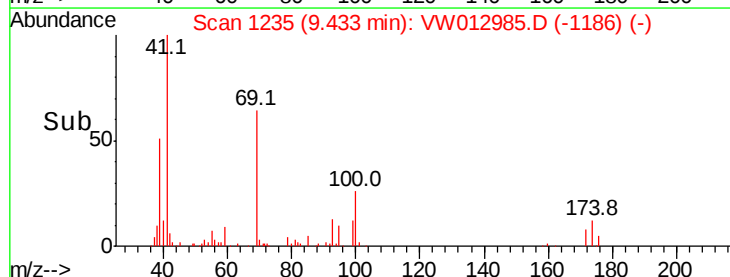
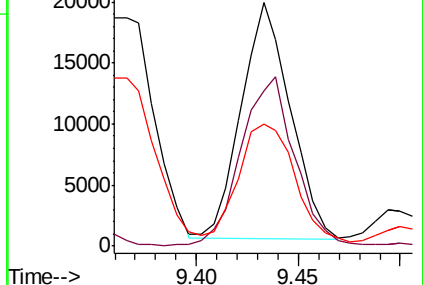
39 61.4 48.5 72.7

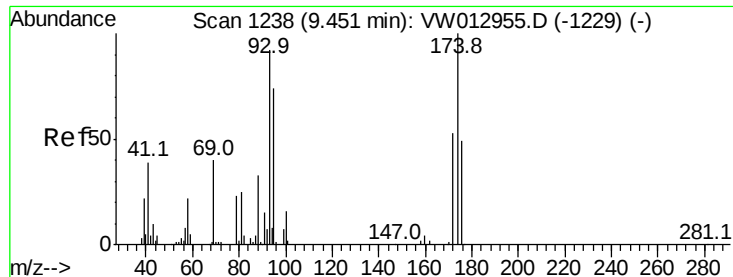


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

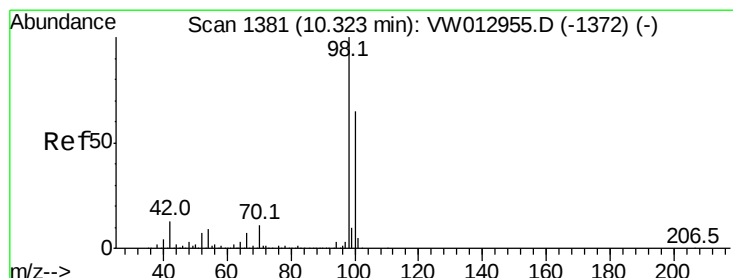
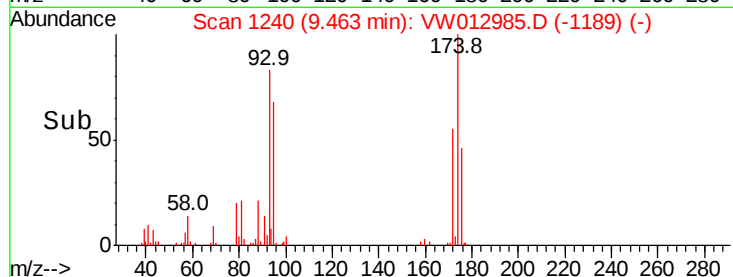
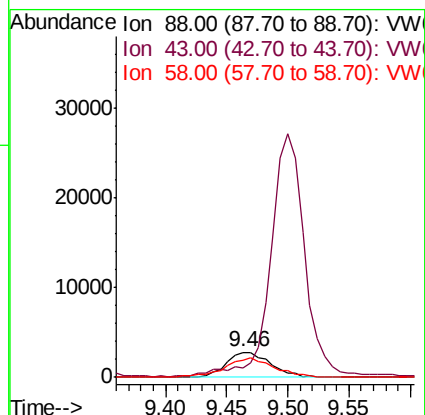
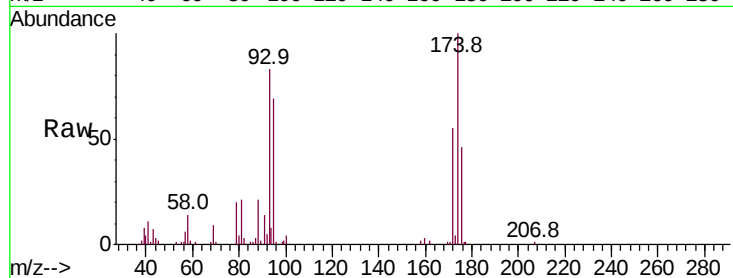




#49
1,4-Dioxane
Concen: 328.808 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

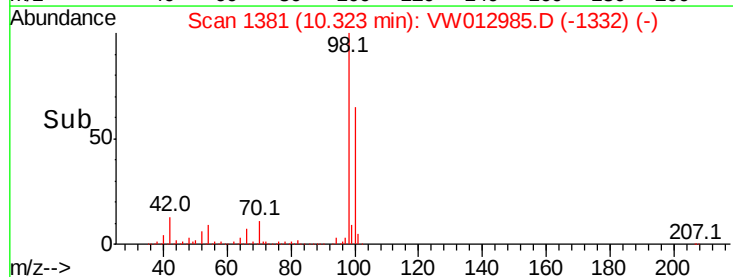
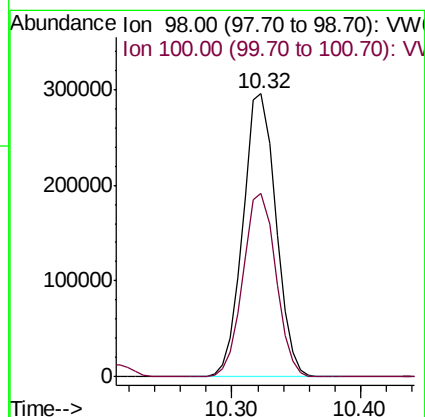
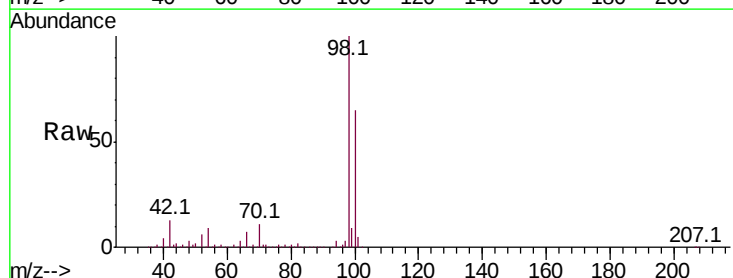
Instrument :
MSVOA_W
ClientSampleId :

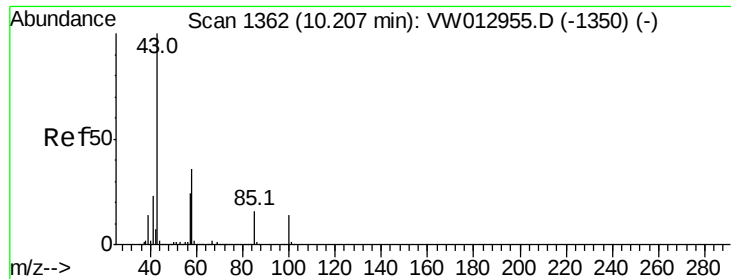
Tot Ion: 88 Resp: 6973
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 86.6 60.2 90.2



#50
Toluene-d8
Concen: 55.250 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 98 Resp: 522874
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 95.548 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

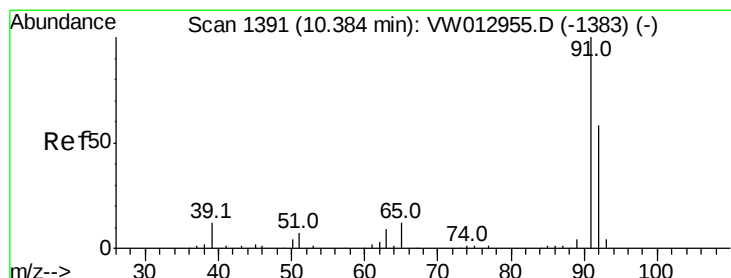
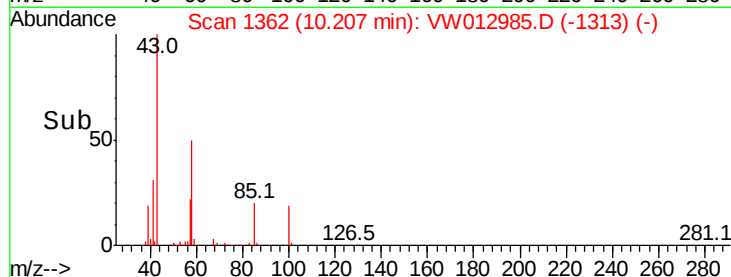
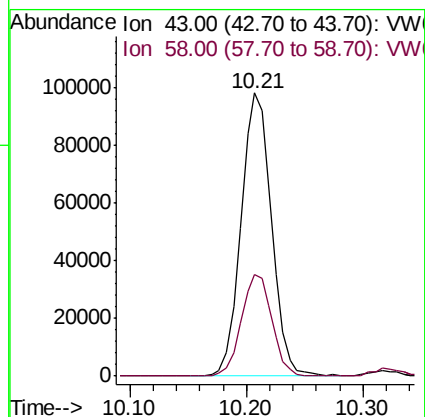
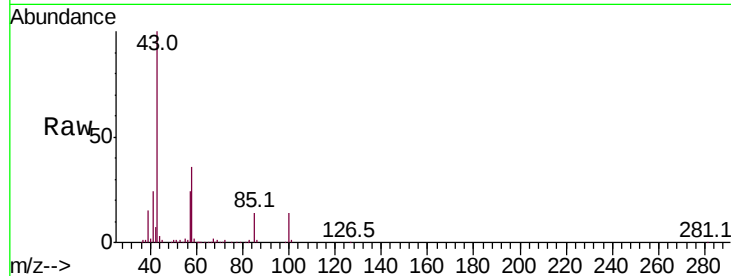
ClientSampled :

Tot Ion: 43 Resp: 179052

Ion Ratio Lower Upper

43 100

58 35.9 29.5 44.3



#52

Toluene

Concen: 20.938 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012985.D

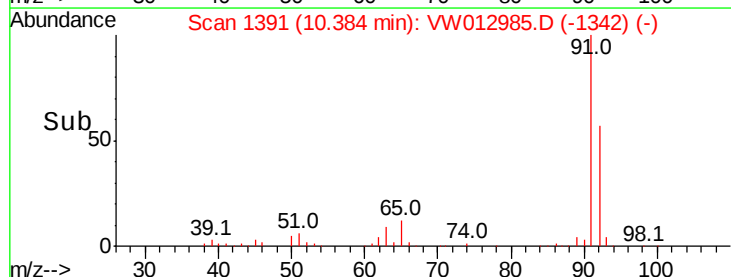
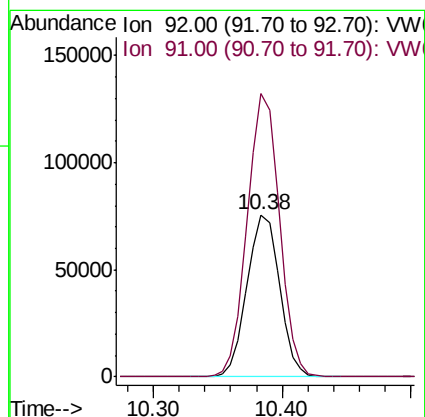
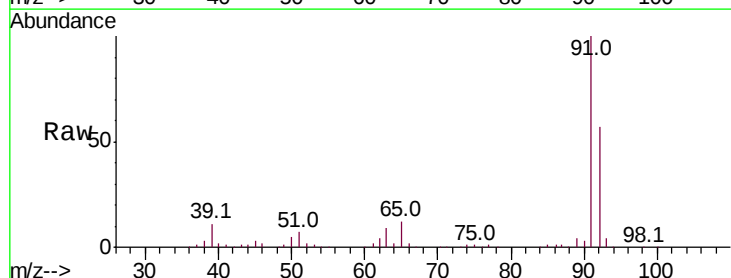
Acq: 14 Sep 2019 11:37

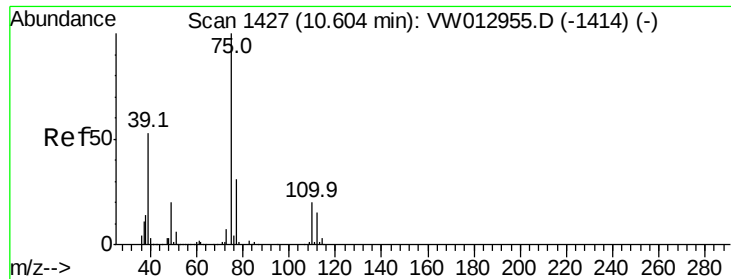
Tgt Ion: 92 Resp: 132290

Ion Ratio Lower Upper

92 100

91 172.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.432 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

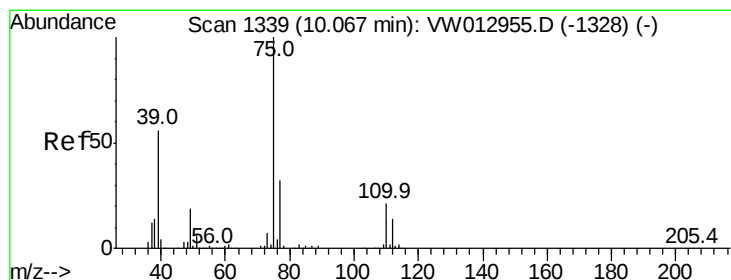
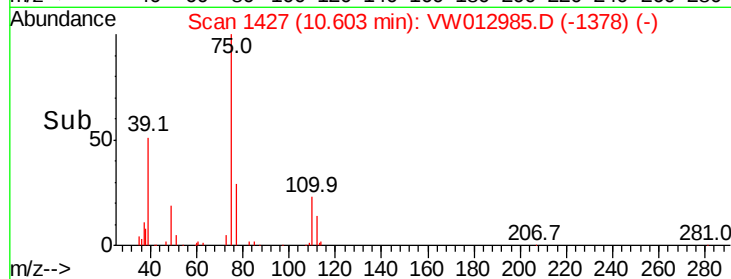
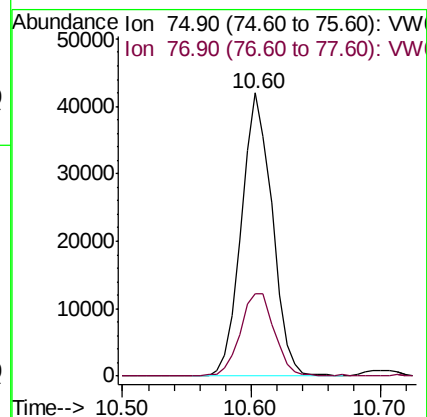
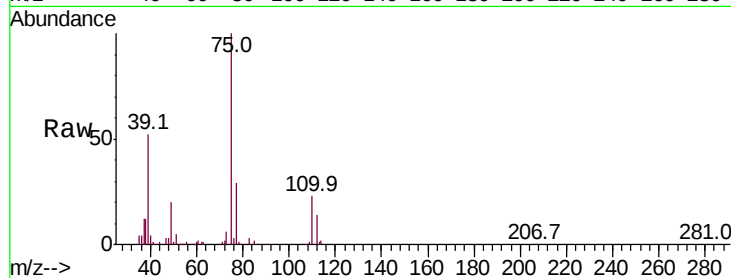
ClientSampleId :

Tot Ion: 75 Resp: 69380

Ion Ratio Lower Upper

75 100

77 28.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.887 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

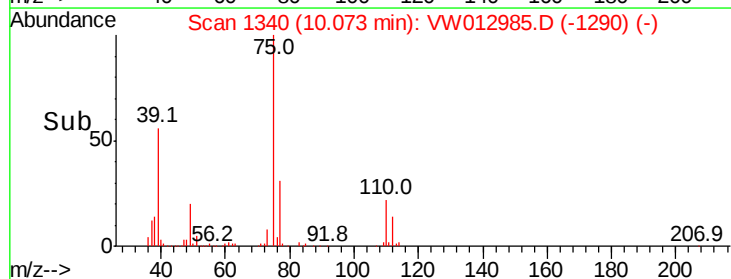
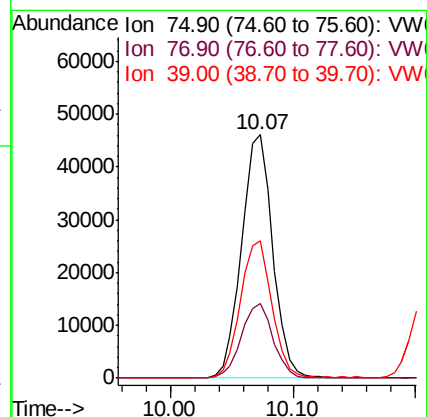
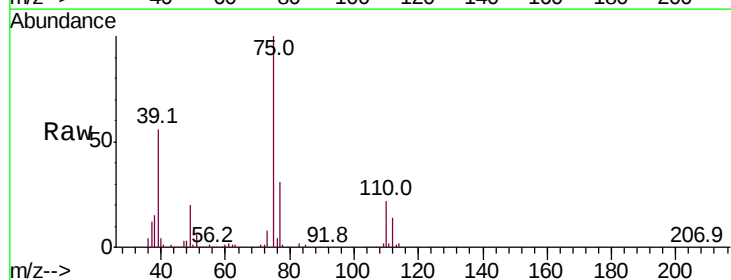
Tgt Ion: 75 Resp: 81241

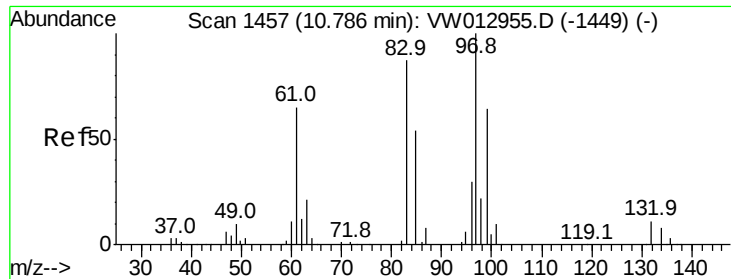
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 56.3 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 20.340 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 39217

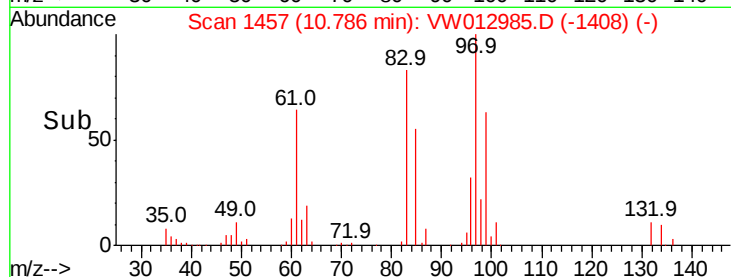
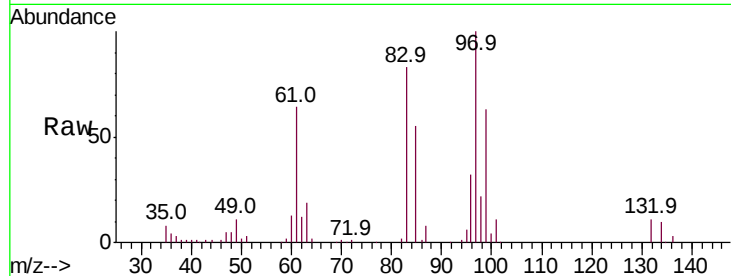
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.4	104.0
85	54.6	43.3	64.9
99	63.3	50.9	76.3

97 100

83 83.3 69.4 104.0

85 54.6 43.3 64.9

99 63.3 50.9 76.3

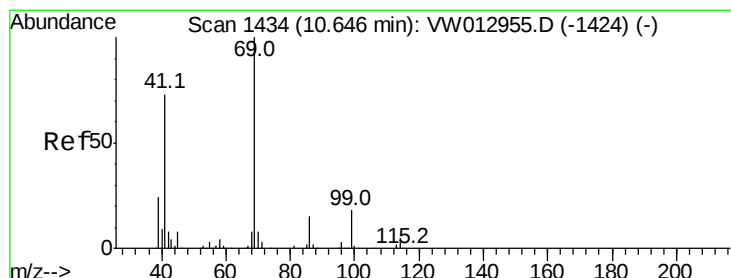
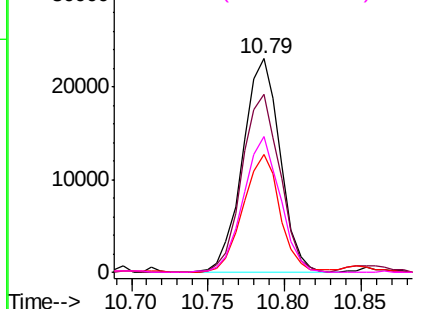


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 18.869 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

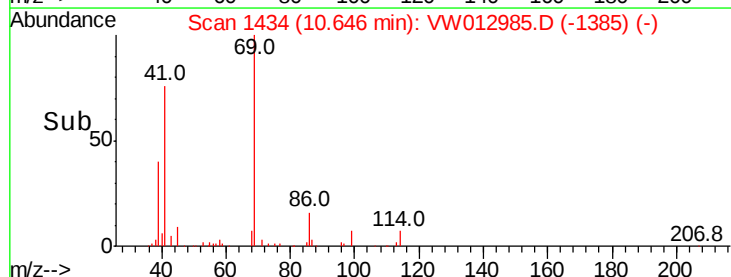
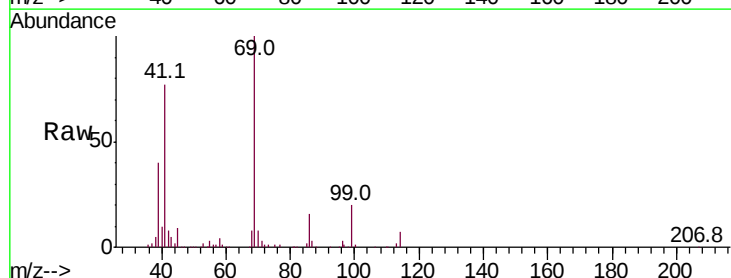
Tgt Ion: 69 Resp: 48968

Ion	Ratio	Lower	Upper
69	100		
41	79.8	60.8	91.2
39	37.4	29.4	44.0

69 100

41 79.8 60.8 91.2

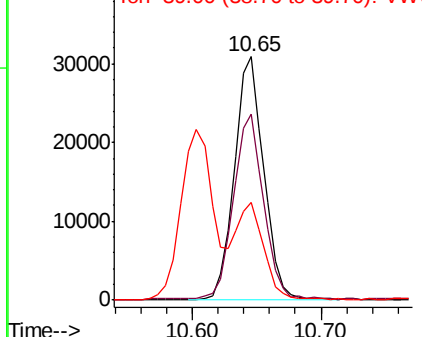
39 37.4 29.4 44.0

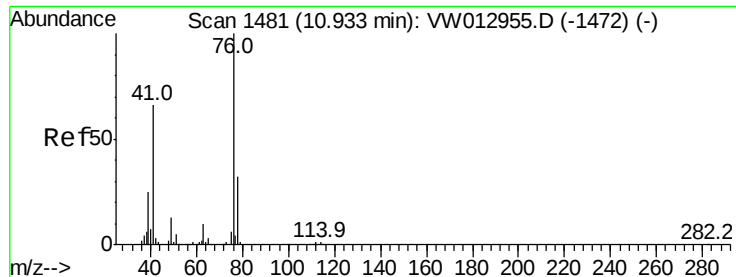


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 19.606 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

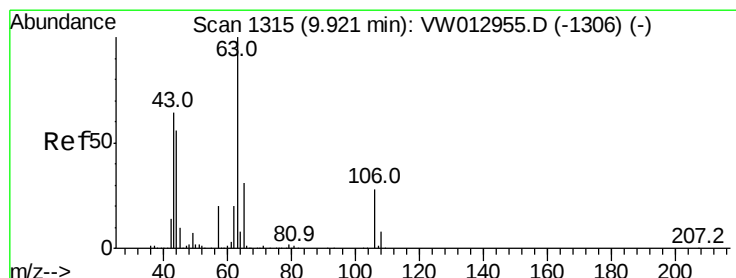
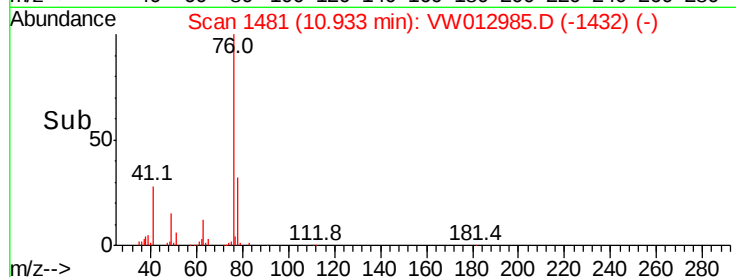
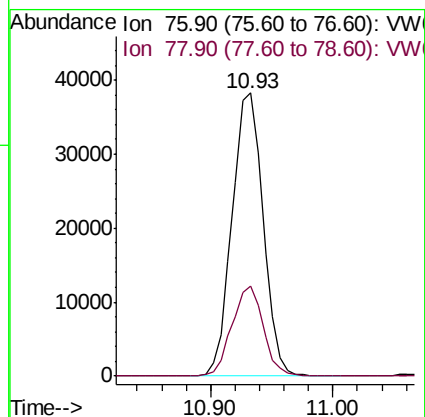
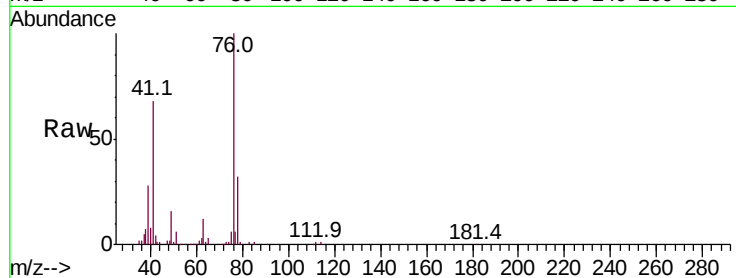
ClientSampleId :

Tot Ion: 76 Resp: 67055

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.877 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012985.D

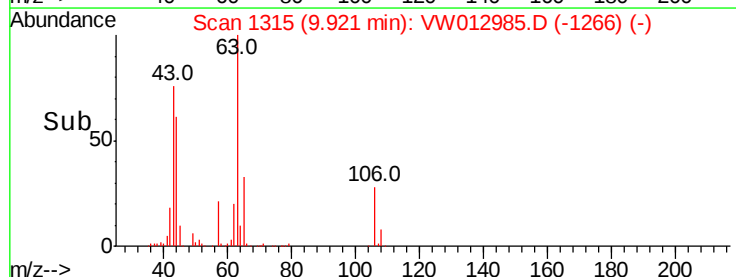
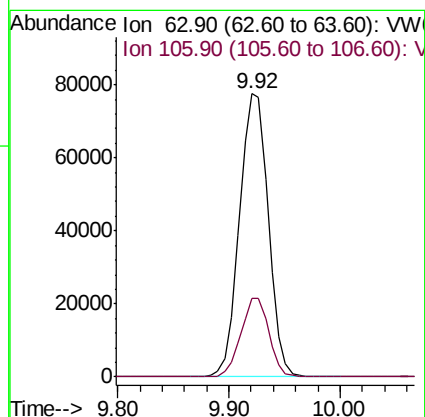
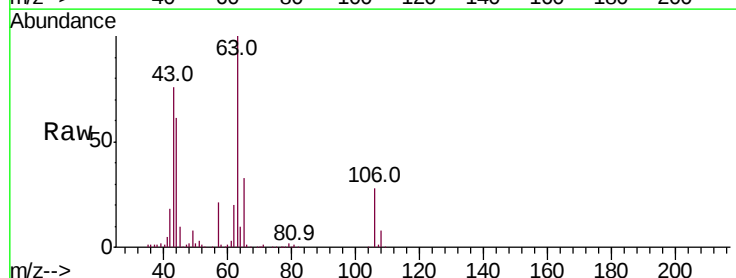
Acq: 14 Sep 2019 11:37

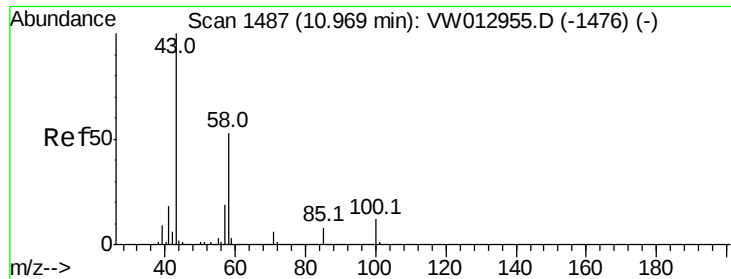
Tgt Ion: 63 Resp: 139041

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2

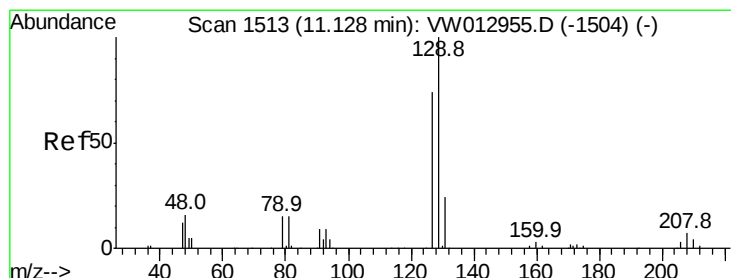
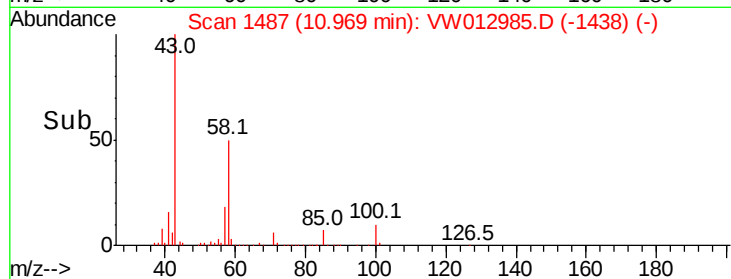
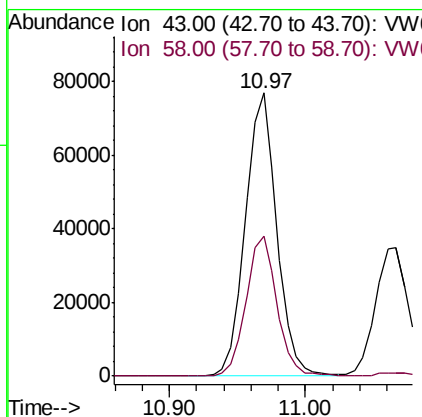
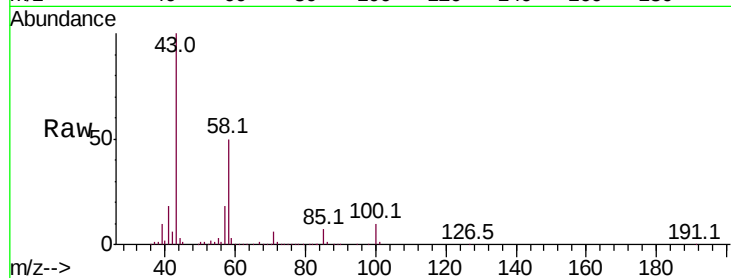




#59
2-Hexanone
Concen: 95.294 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

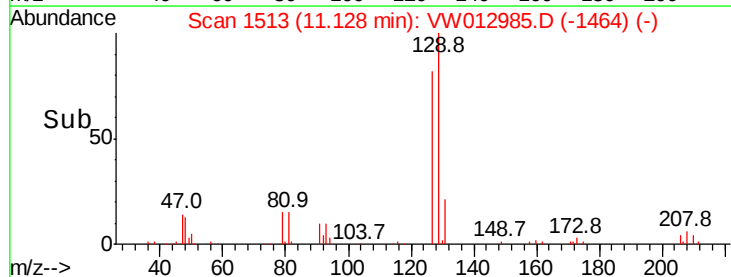
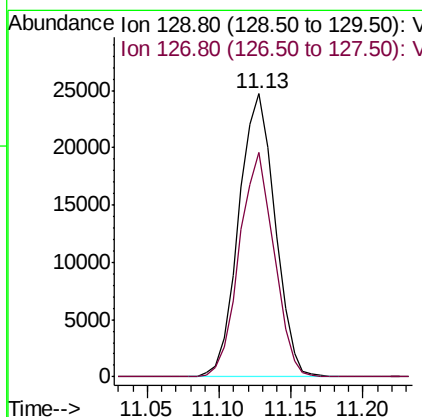
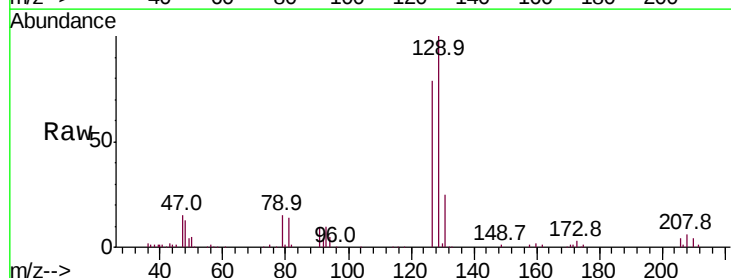
Instrument :
MSVOA_W
ClientSampled :

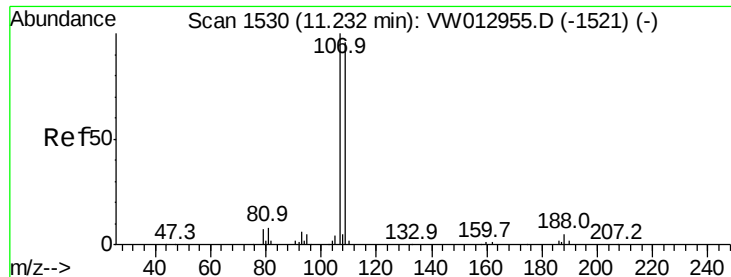
Tot Ion: 43 Resp: 124344
Ion Ratio Lower Upper
43 100
58 48.8 25.8 77.3



#60
Dibromochloromethane
Concen: 18.513 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 129 Resp: 43153
Ion Ratio Lower Upper
129 100
127 76.2 37.4 112.2

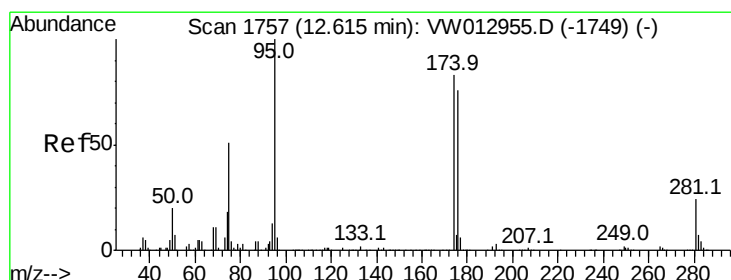
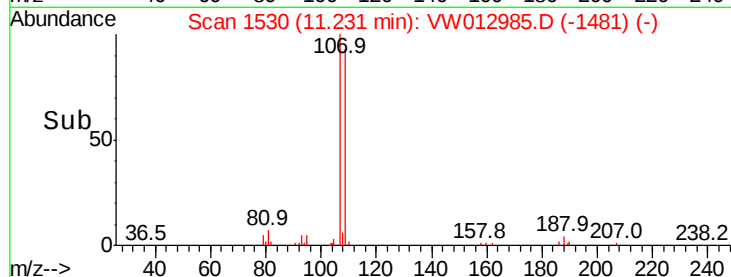
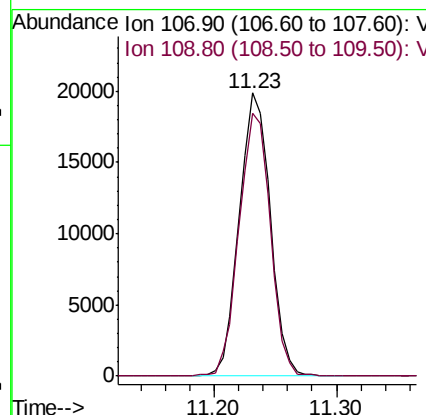
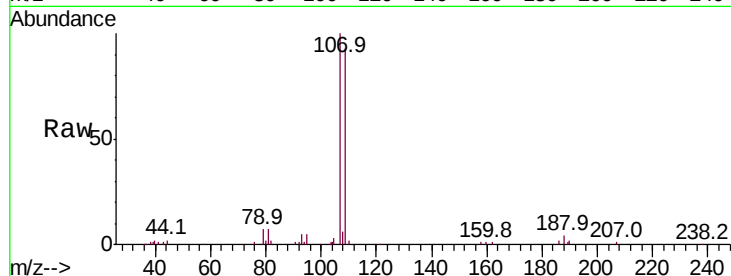




#61
 1,2-Dibromoethane
 Concen: 19.896 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

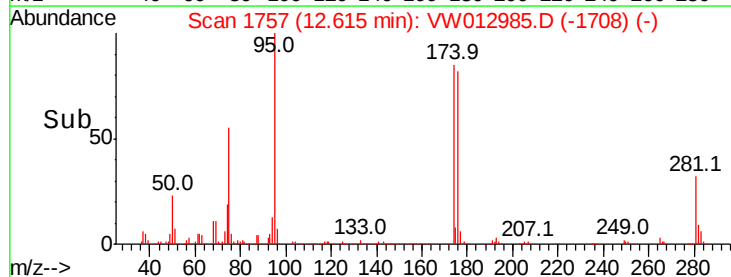
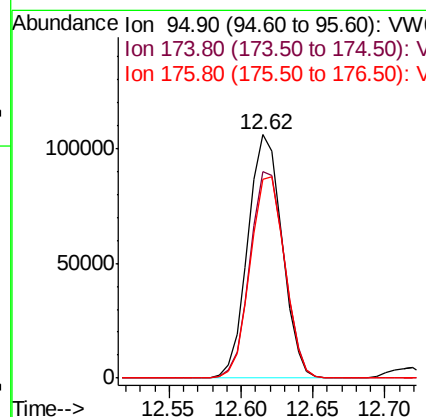
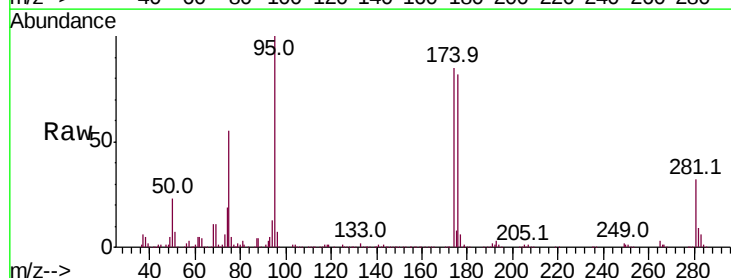
Instrument :
 MSVOA_W
 ClientSampleId :

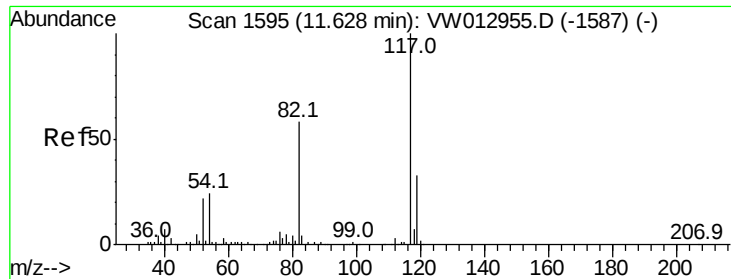
Tot Ion:107 Resp: 34993
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.194 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion: 95 Resp: 174212
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 170.4
 176 83.9 0.0 164.6

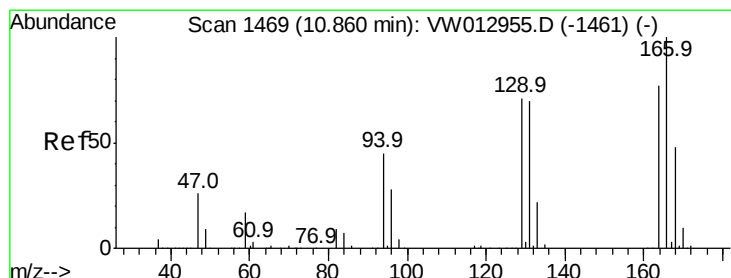
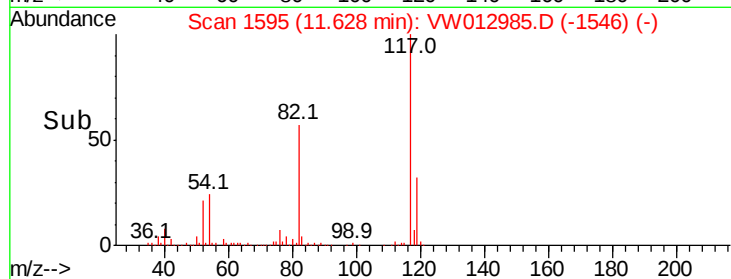
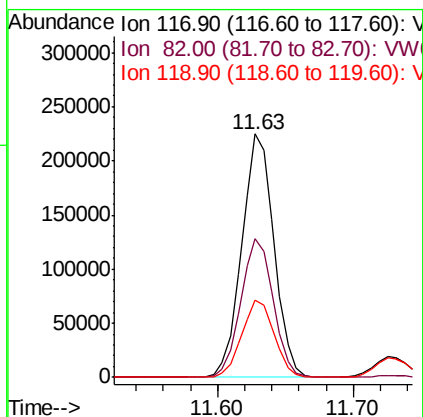
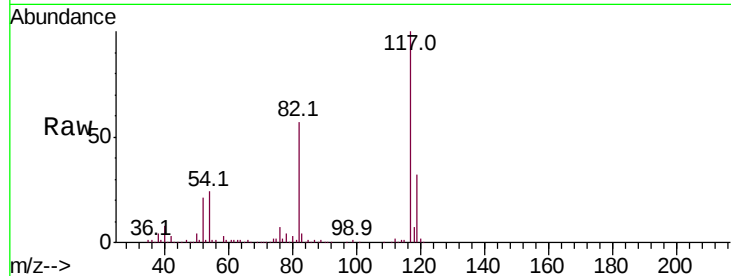




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

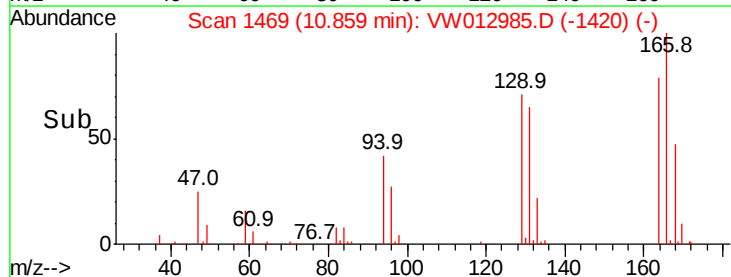
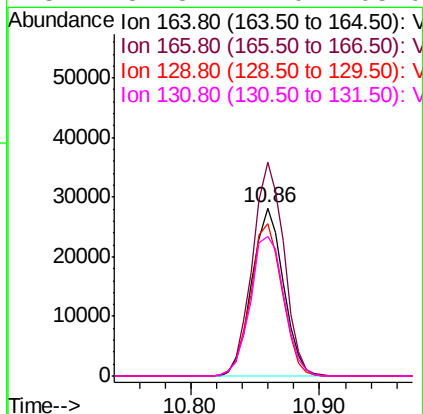
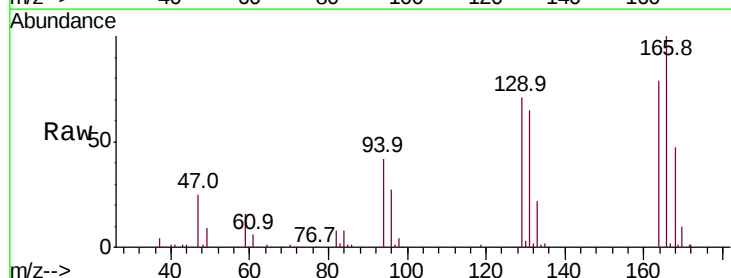
Instrument :
MSVOA_W
ClientSampled :

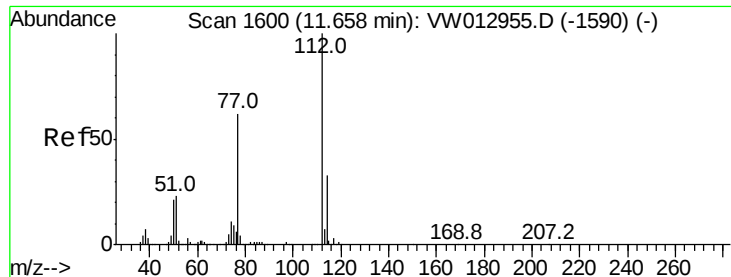
Tot Ion:117 Resp: 370376
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 21.597 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion:164 Resp: 47586
Ion Ratio Lower Upper
164 100
166 127.1 103.3 154.9
129 90.3 73.8 110.8
131 82.8 72.0 108.0





#65

Chlorobenzene

Concen: 20.322 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

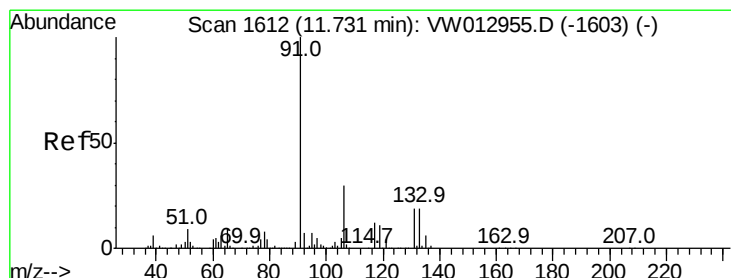
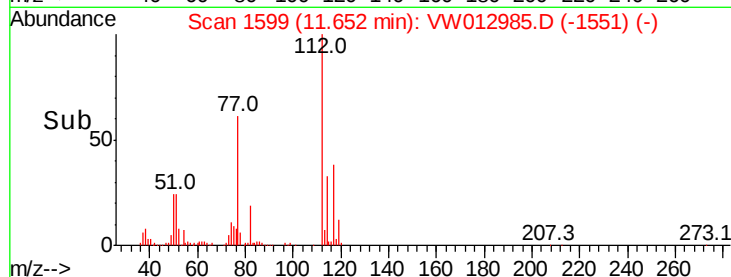
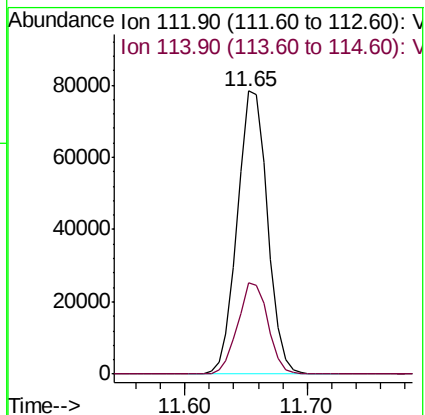
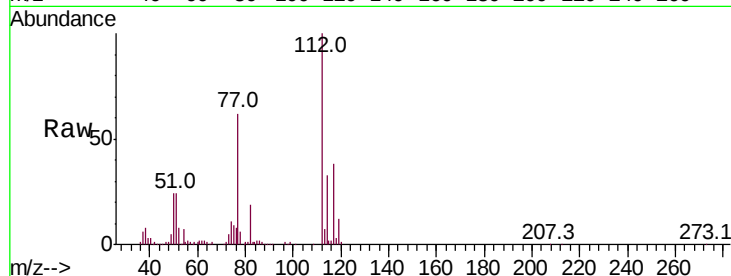
ClientSampleId :

Tot Ion:112 Resp: 134069

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.239 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

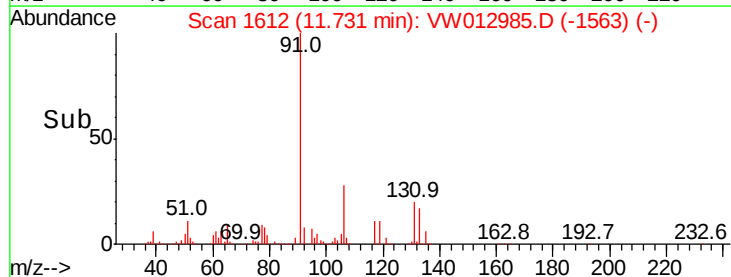
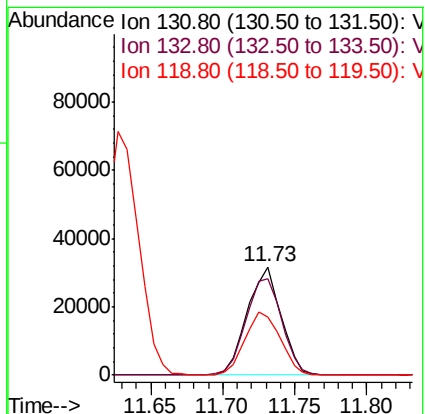
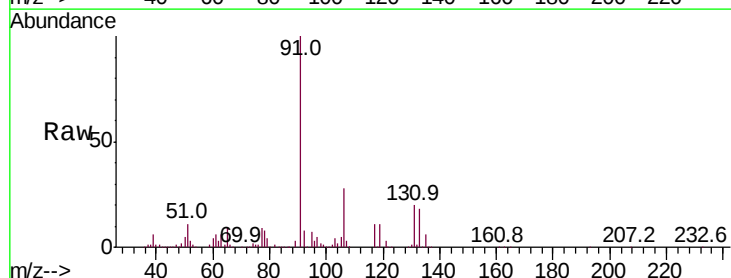
Tgt Ion:131 Resp: 51168

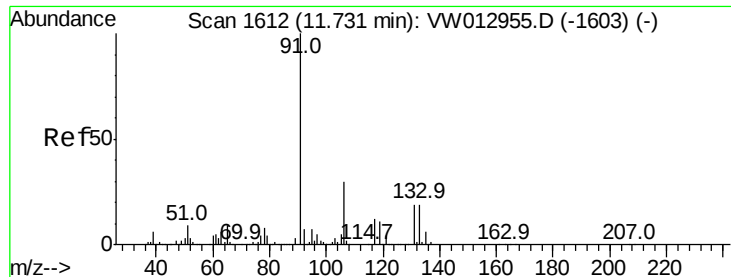
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.8

119 61.7 30.9 92.7

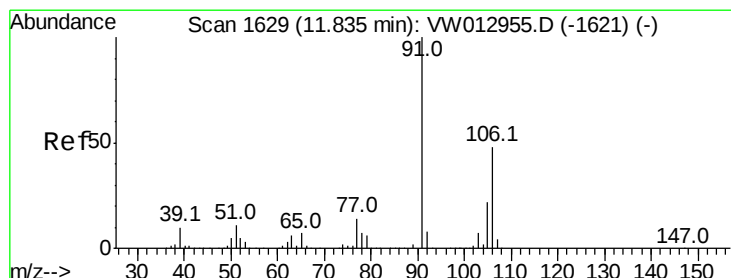
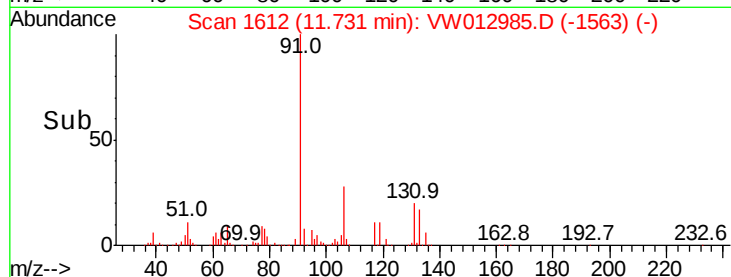
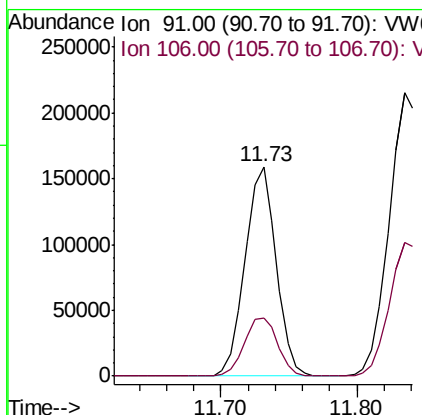
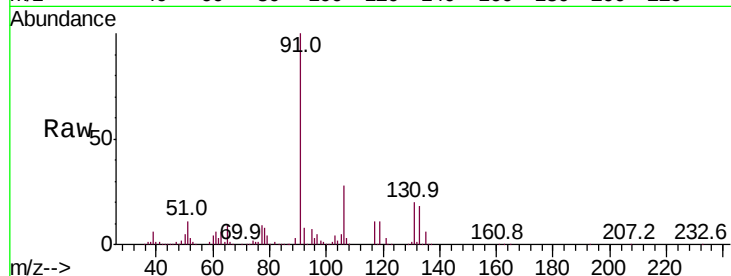




#67
Ethyl Benzene
Concen: 20.903 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

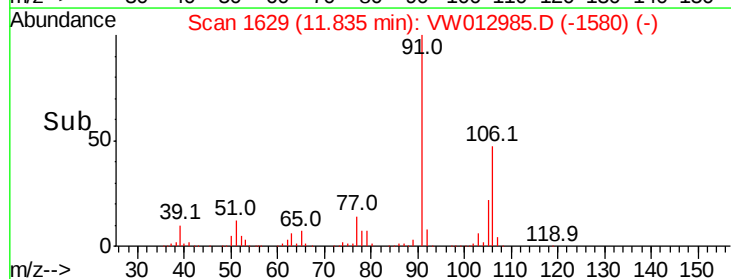
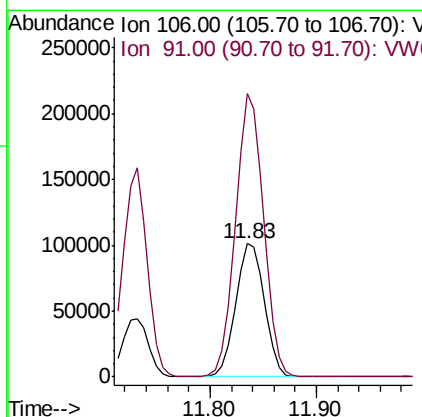
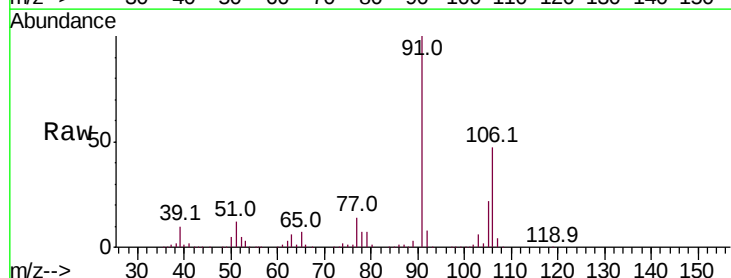
Instrument :
MSVOA_W
ClientSampled :

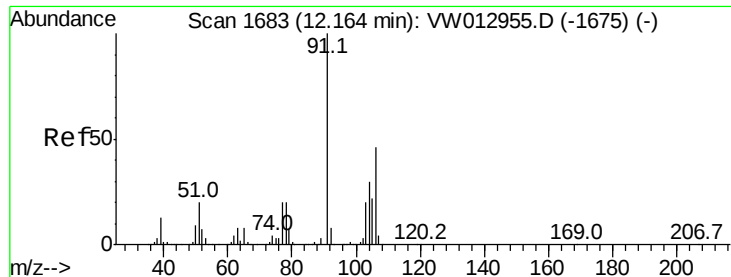
Tot Ion: 91 Resp: 254686
Ion Ratio Lower Upper
91 100
106 27.7 24.3 36.5



#68
m/p-Xylenes
Concen: 43.097 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion:106 Resp: 191830
Ion Ratio Lower Upper
106 100
91 207.8 165.8 248.8

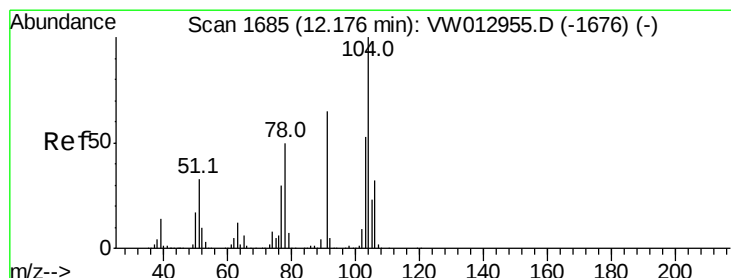
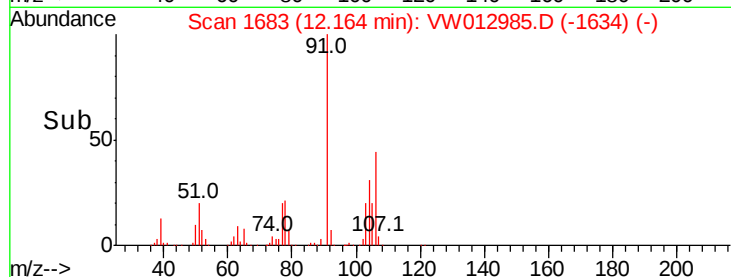
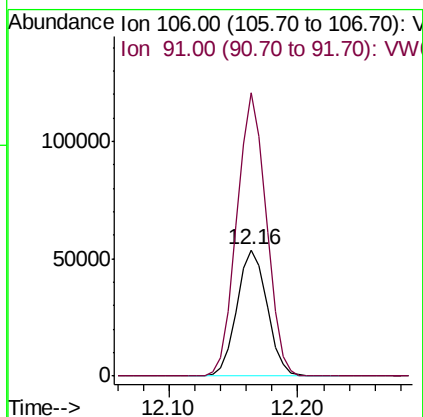
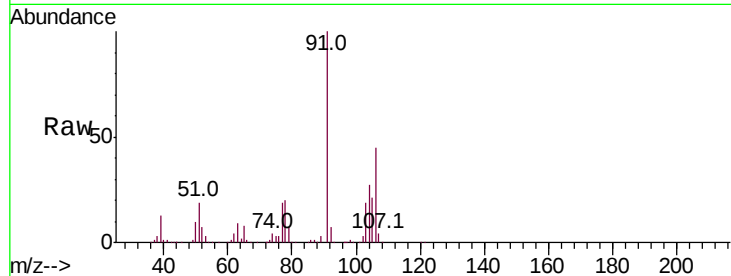




#69
o-Xylene
Concen: 20.874 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

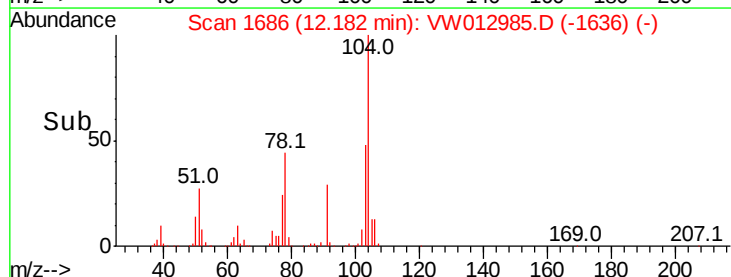
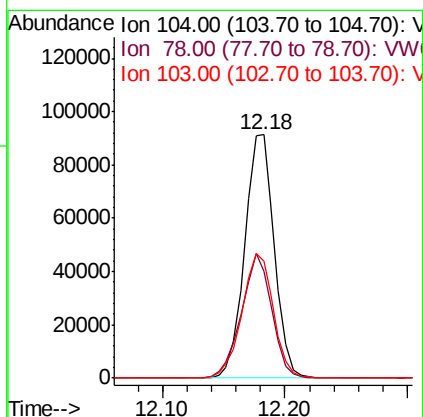
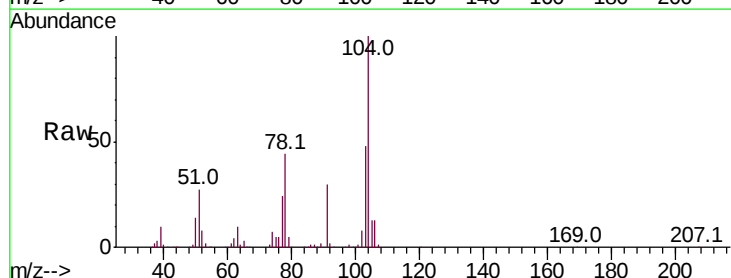
Instrument :
MSVOA_W
ClientSampled :

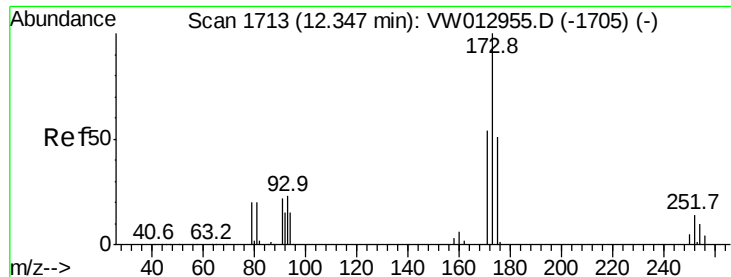
Tot Ion:106 Resp: 87107
Ion Ratio Lower Upper
106 100
91 219.9 109.7 329.0



#70
Styrene
Concen: 20.630 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion:104 Resp: 153141
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 54.4 44.2 66.4





#71

Bromoform

Concen: 19.113 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

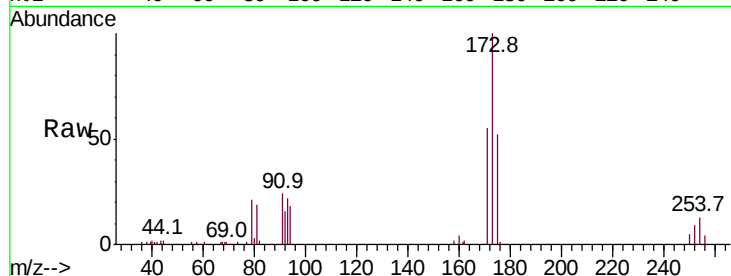
Tot Ion:173 Resp: 25382

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

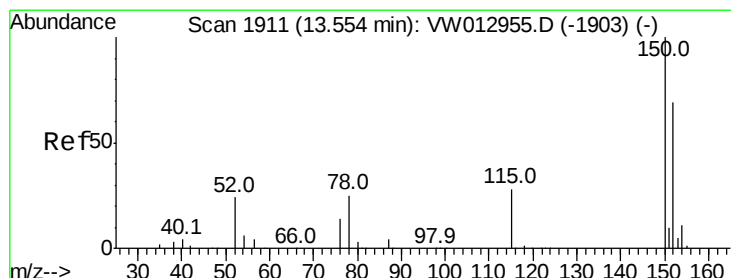
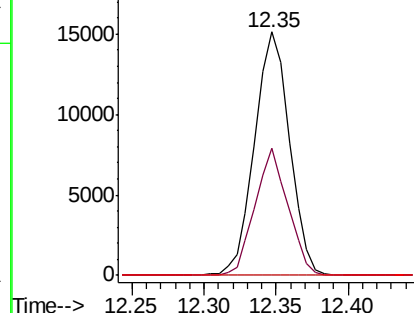
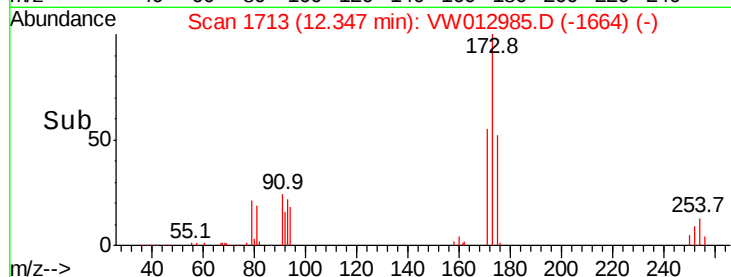
254 0.0 0.1 0.1#



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: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

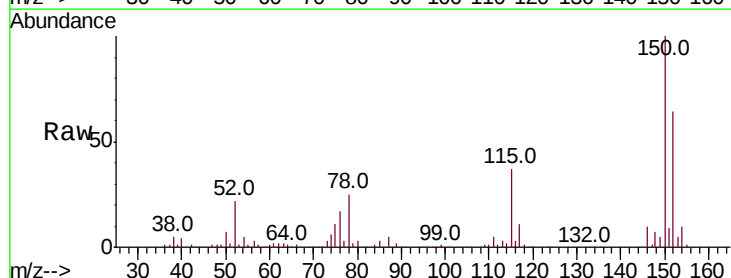
Tgt Ion:152 Resp: 191498

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.4

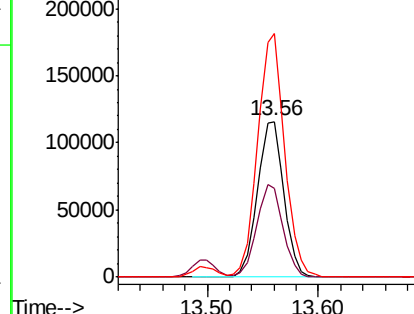
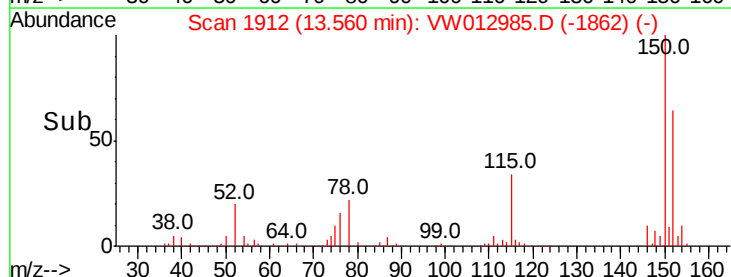
150 159.9 0.0 340.2

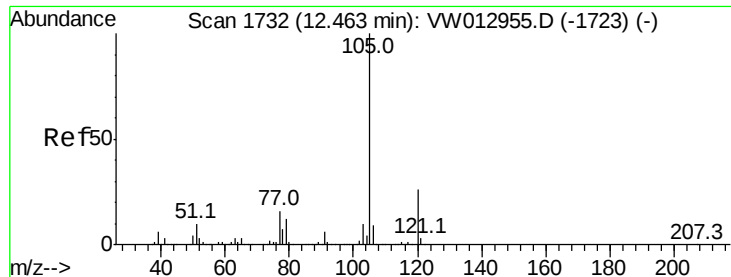


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.124 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

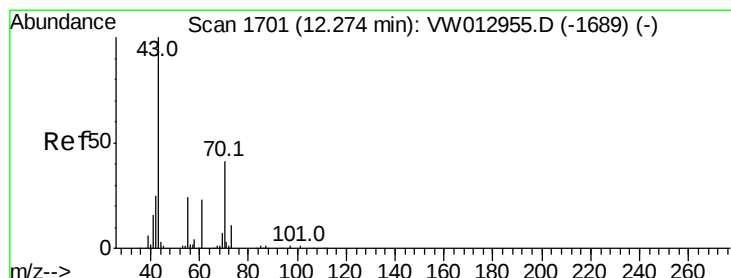
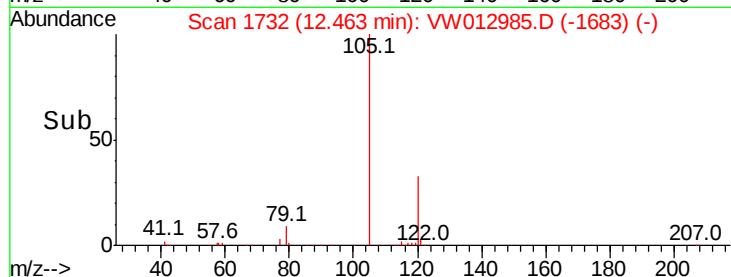
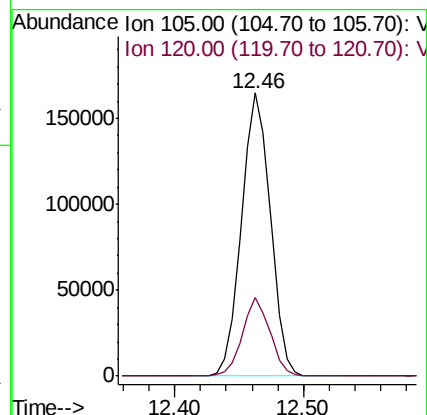
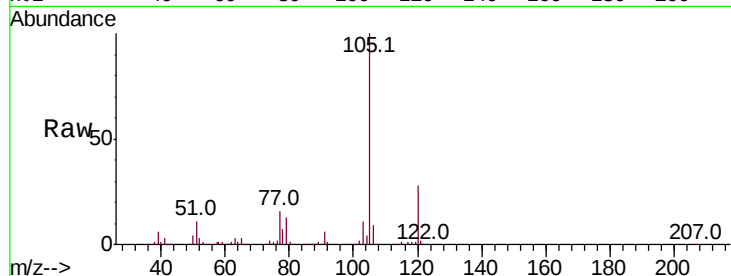
ClientSampleId :

Tot Ion:105 Resp: 255429

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 19.368 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Tgt Ion: 43 Resp: 63238

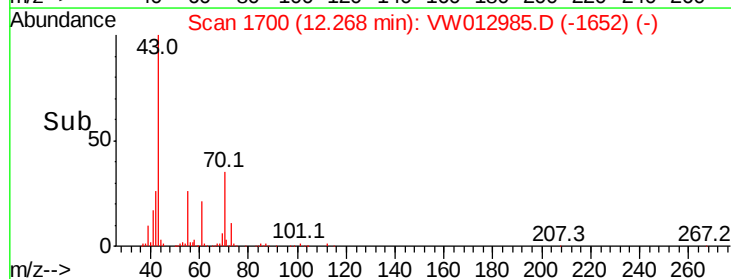
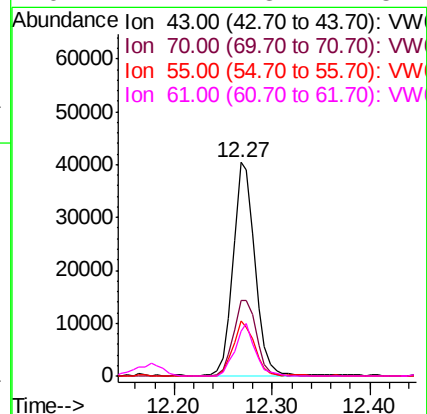
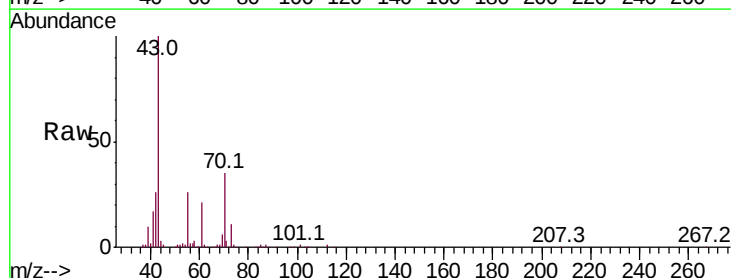
Ion Ratio Lower Upper

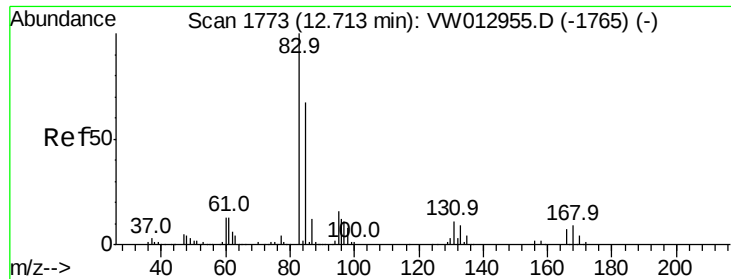
43 100

70 37.3 31.7 47.5

55 24.7 19.4 29.2

61 22.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.768 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

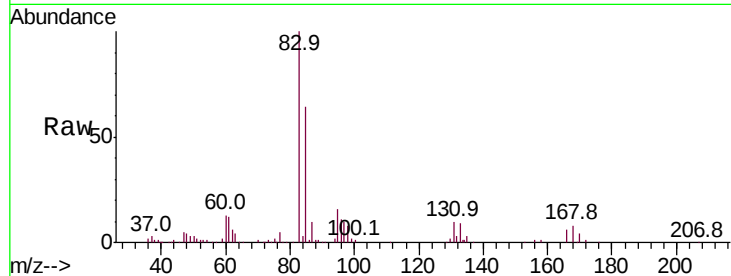
Tot Ion: 83 Resp: 44070

Ion Ratio Lower Upper

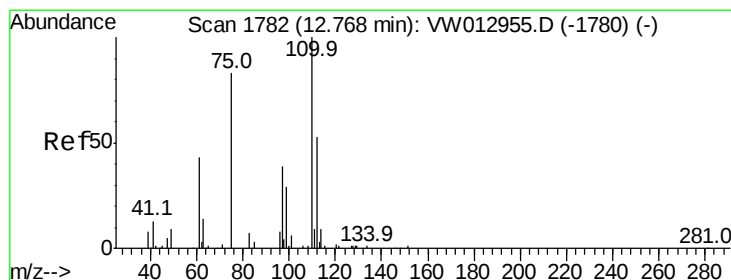
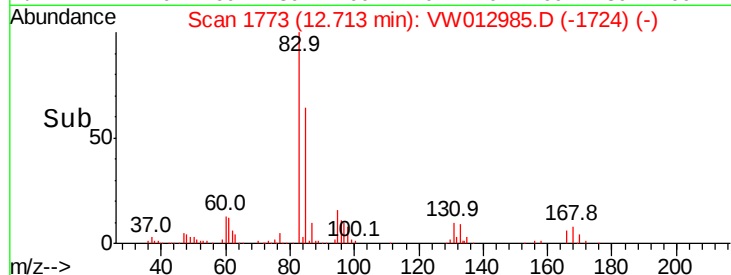
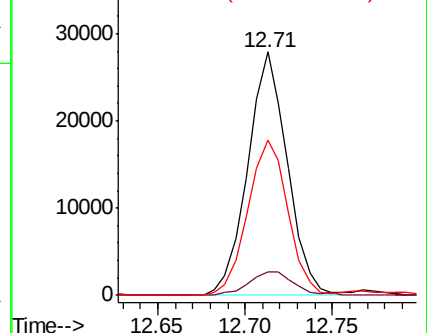
83 100

131 11.2 5.7 17.1

85 64.9 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.749 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012985.D

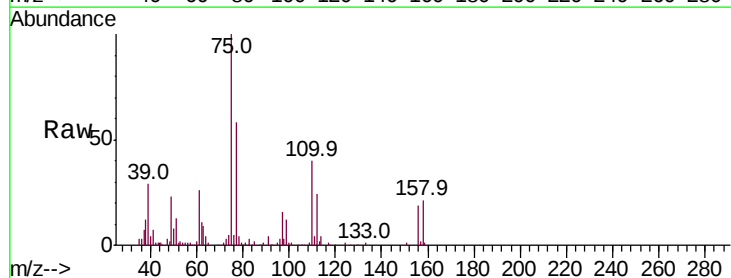
Acq: 14 Sep 2019 11:37

Tgt Ion: 75 Resp: 58287

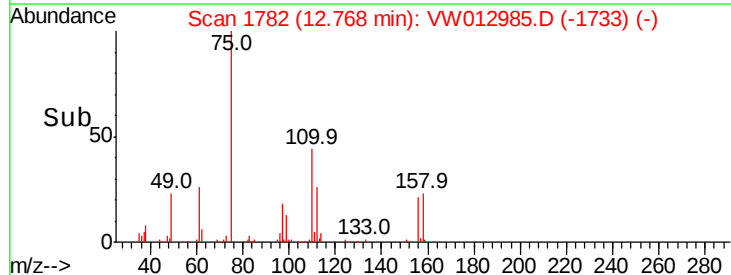
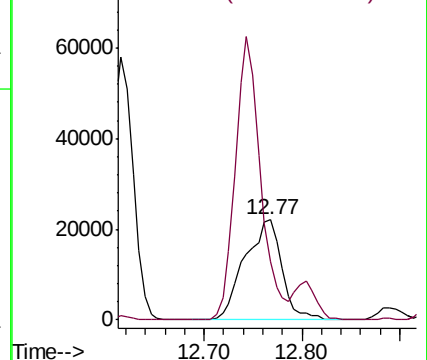
Ion Ratio Lower Upper

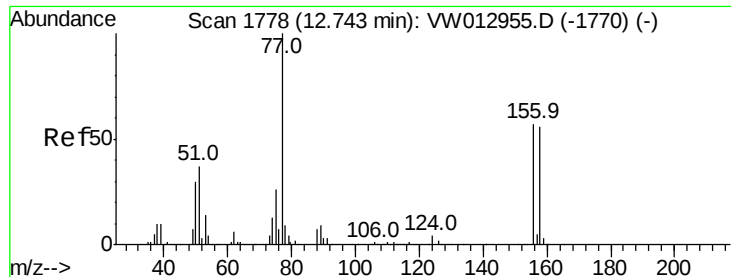
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.953 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

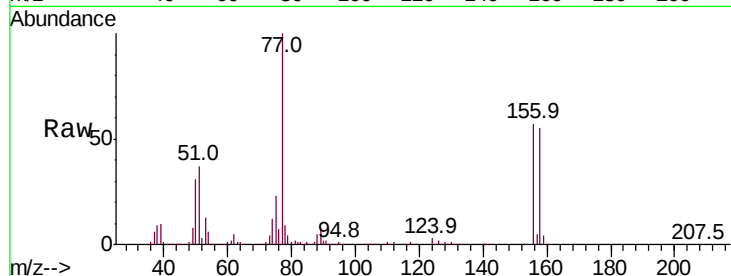
Tot Ion:156 Resp: 58346

Ion Ratio Lower Upper

156 100

77 193.5 95.2 285.6

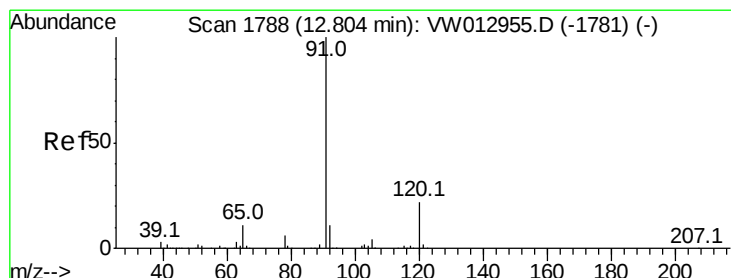
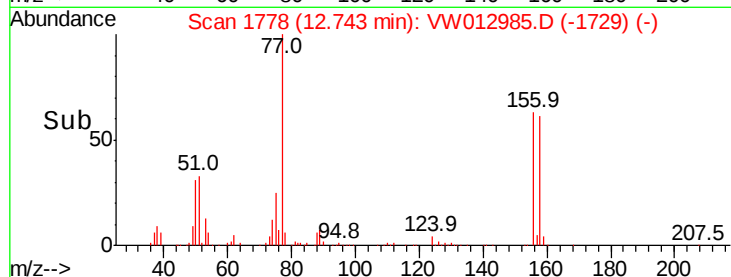
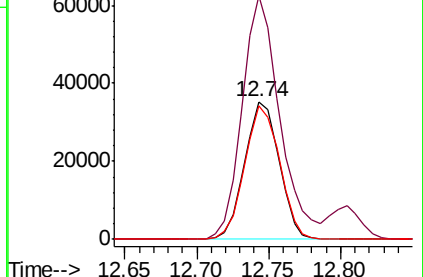
158 98.4 49.0 147.2



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: 20.734 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012985.D

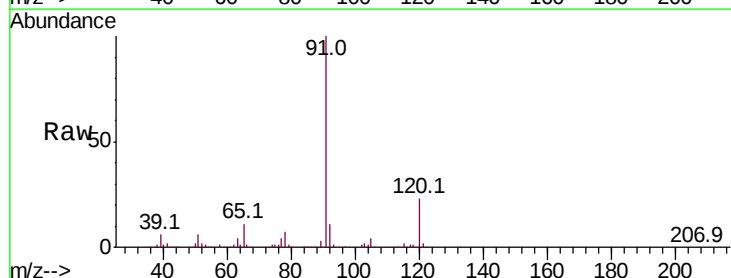
Acq: 14 Sep 2019 11:37

Tgt Ion: 91 Resp: 309576

Ion Ratio Lower Upper

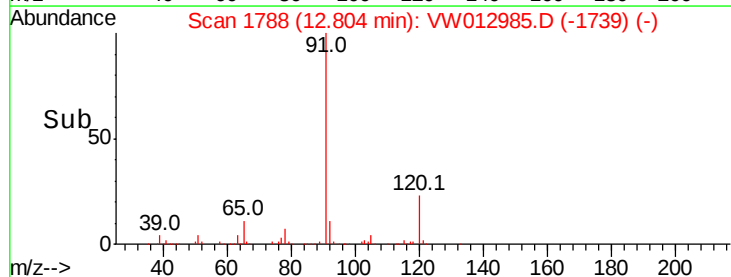
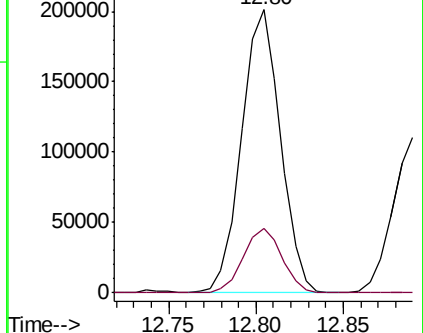
91 100

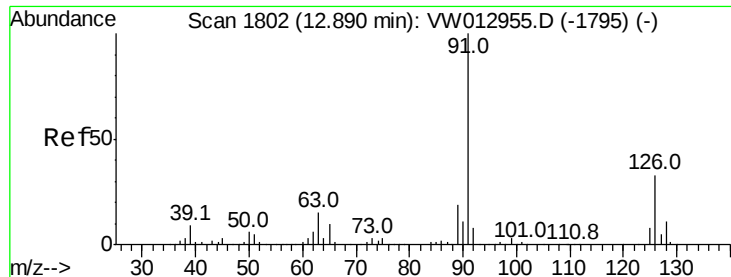
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

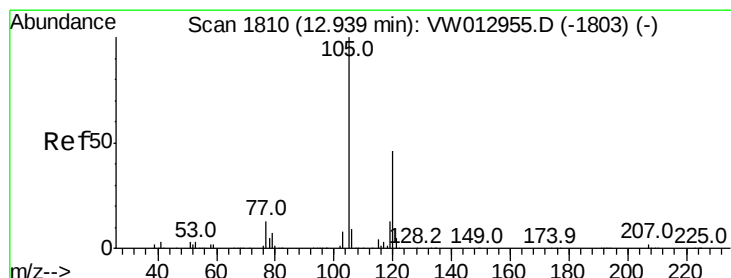
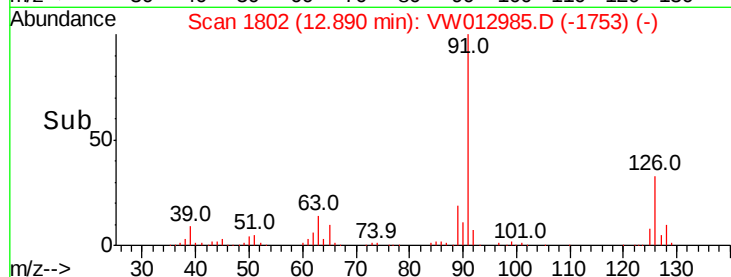
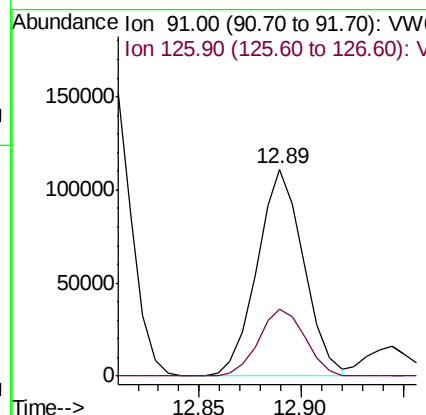
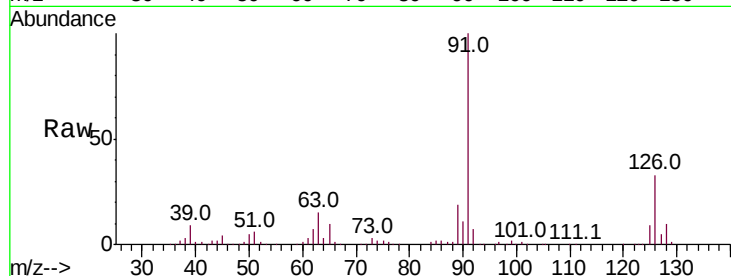




#79
 2-Chlorotoluene
 Concen: 20.413 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

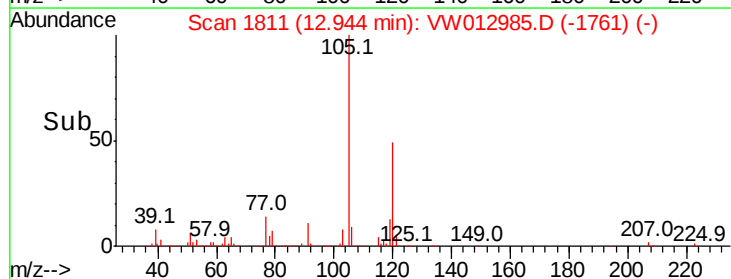
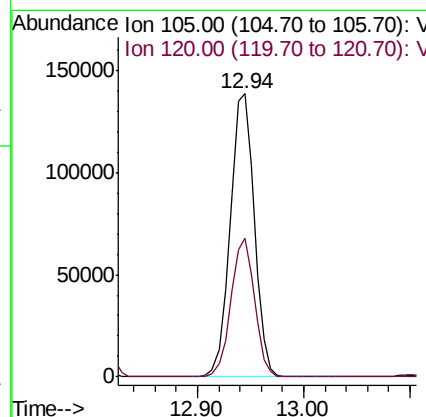
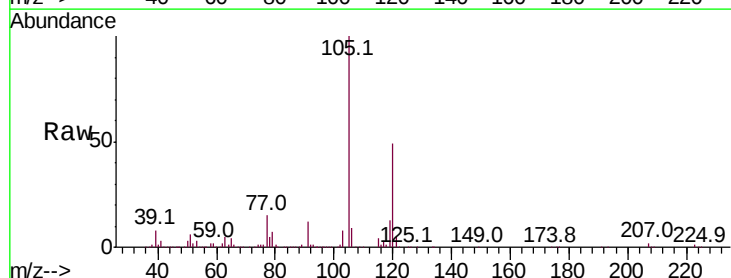
Instrument :
 MSVOA_W
 ClientSampleId :

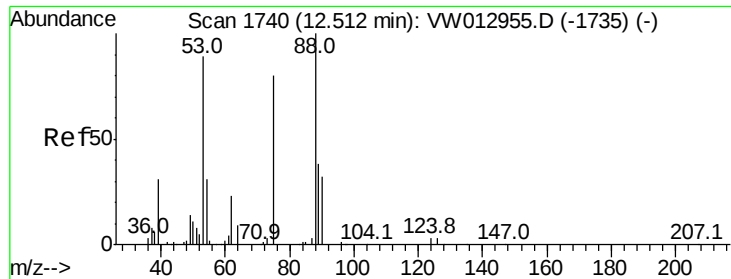
Tot Ion: 91 Resp: 175209
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.501 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion:105 Resp: 220150
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.2 72.6

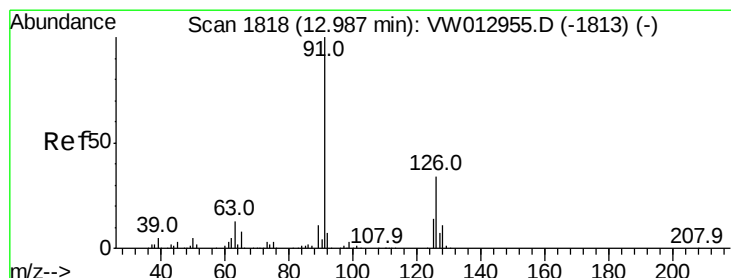
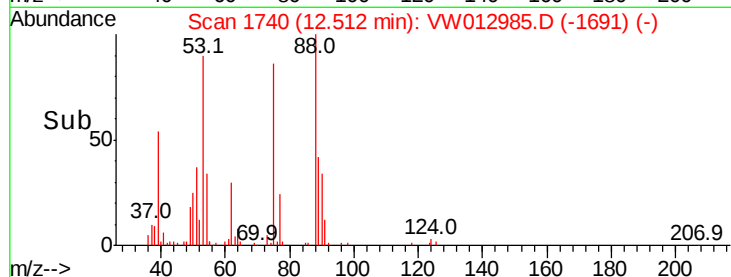
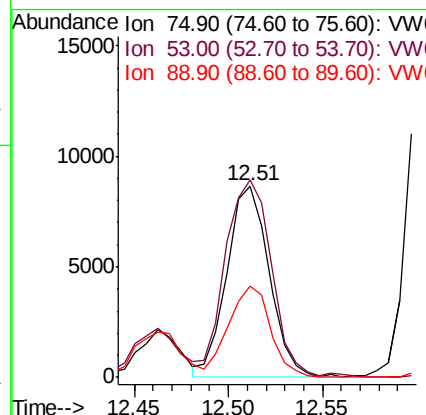
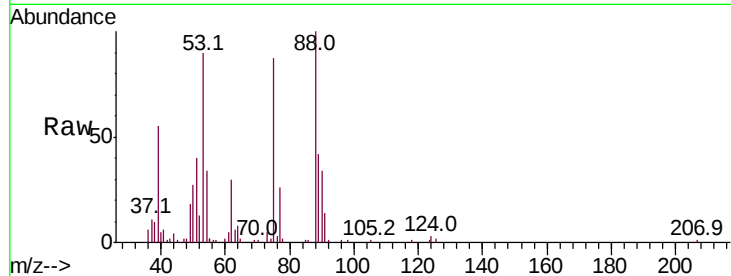




#81
trans-1,4-Dichloro-2-butene
Concen: 18.336 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

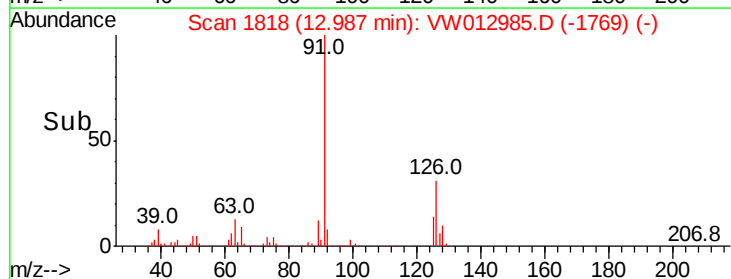
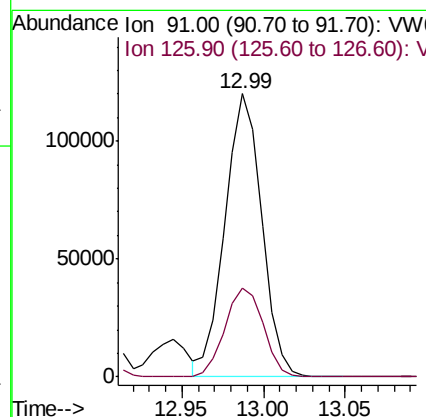
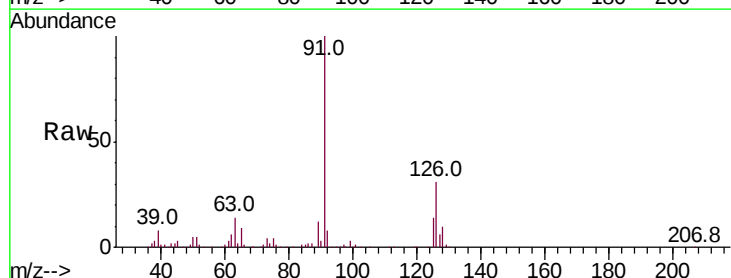
Instrument :
MSVOA_W
ClientSampled :

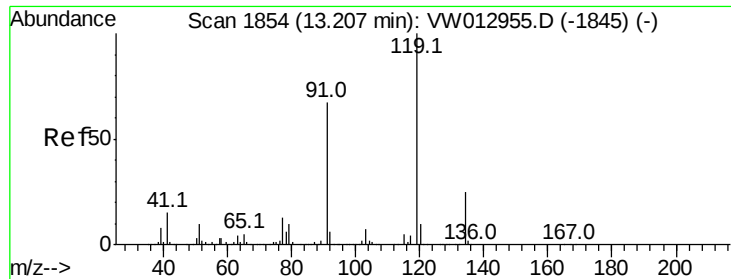
Tot Ion: 75 Resp: 13558
Ion Ratio Lower Upper
75 100
53 113.4 85.6 128.4
89 46.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.759 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion: 91 Resp: 187996
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.3

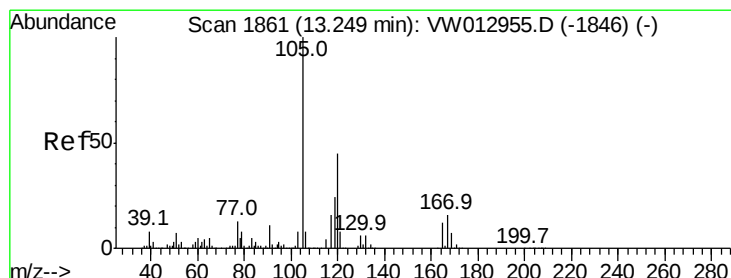
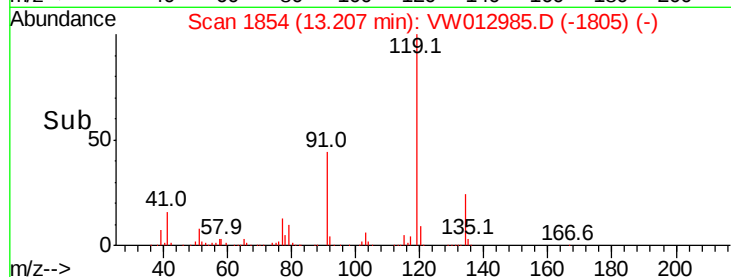
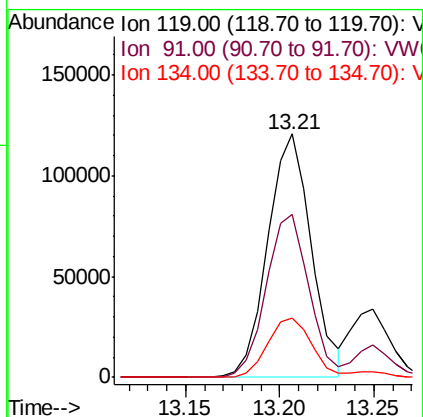
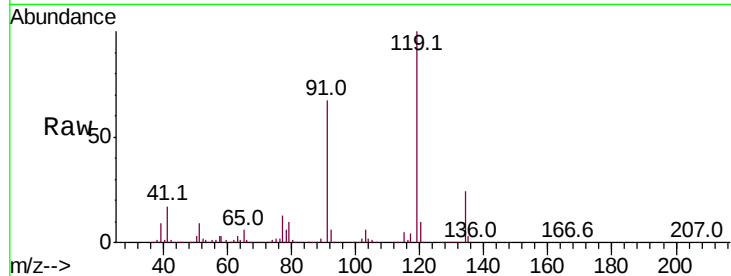




#83
tert-Butylbenzene
Concen: 20.096 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

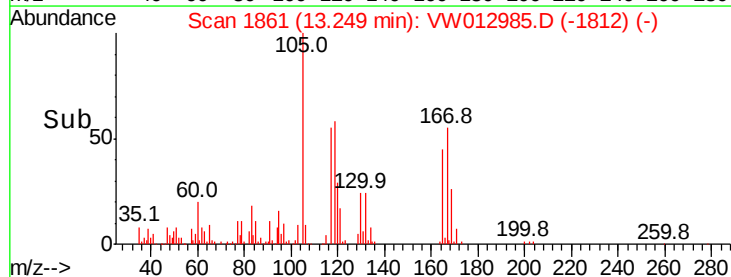
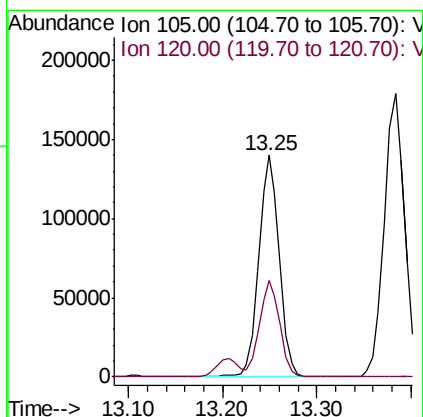
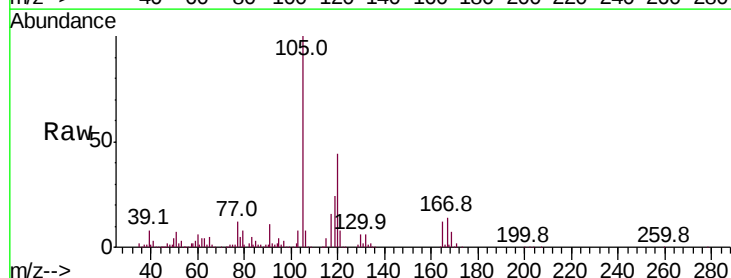
Instrument :
MSVOA_W
ClientSampleId :

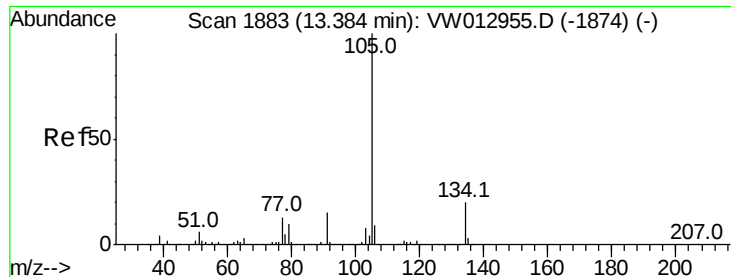
Tot Ion:119 Resp: 193022
Ion Ratio Lower Upper
119 100
91 66.2 32.6 98.0
134 25.1 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.190 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion:105 Resp: 214240
Ion Ratio Lower Upper
105 100
120 42.7 21.9 65.7





#85

sec-Butylbenzene

Concen: 20.583 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

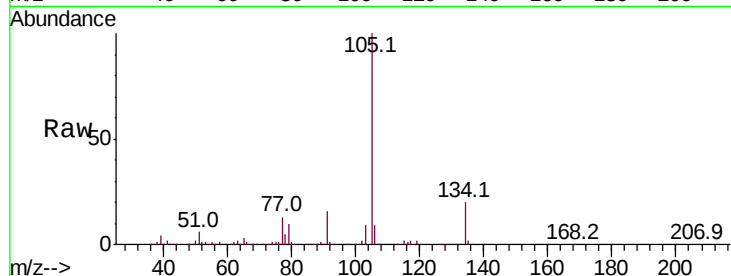
ClientSampleId :

Tot Ion:105 Resp: 269361

Ion Ratio Lower Upper

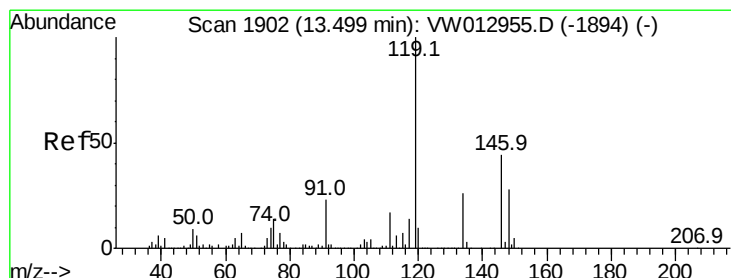
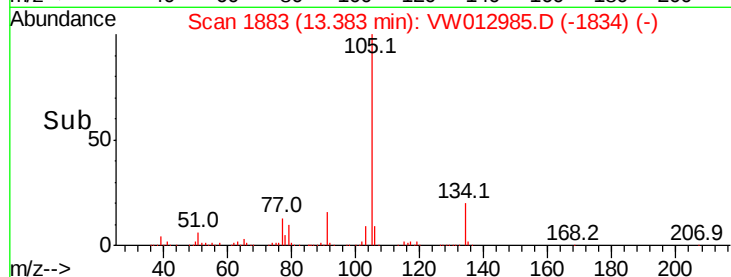
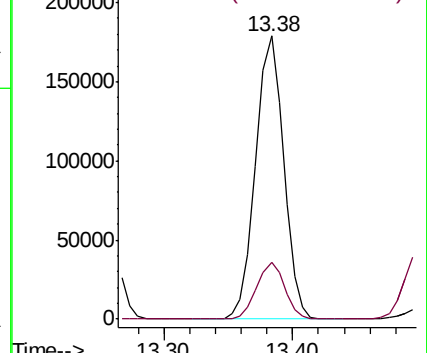
105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.840 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

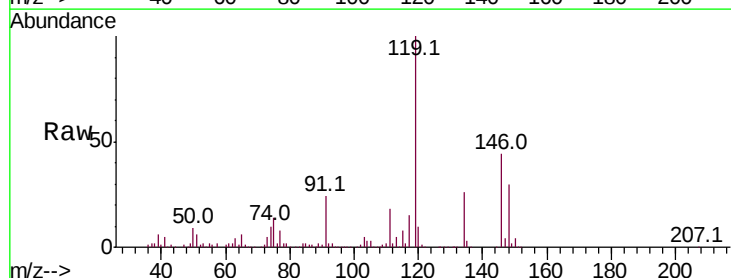
Tgt Ion:119 Resp: 250384

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

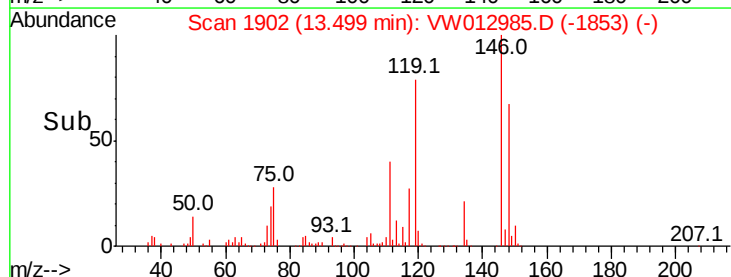
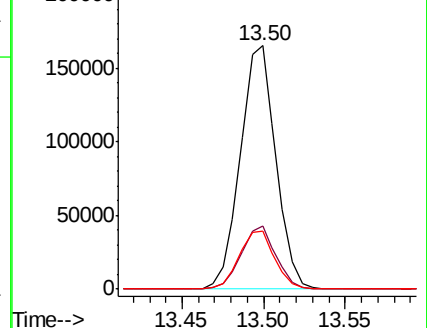
91 23.9 11.8 35.4

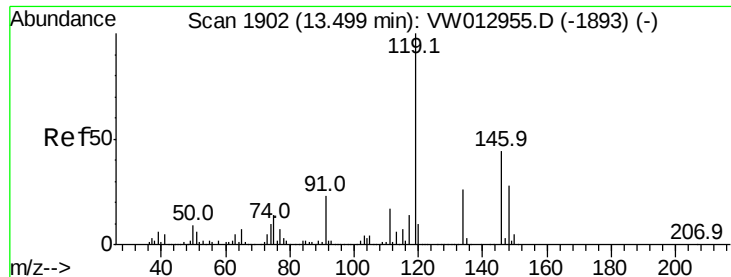


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.517 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

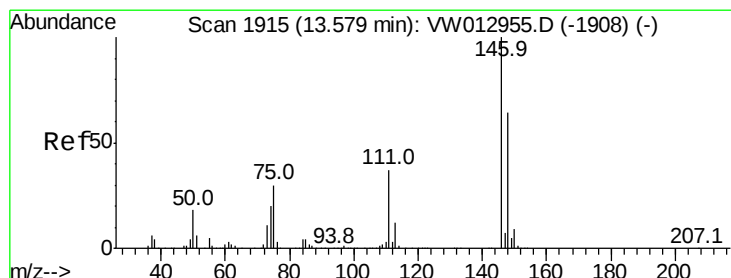
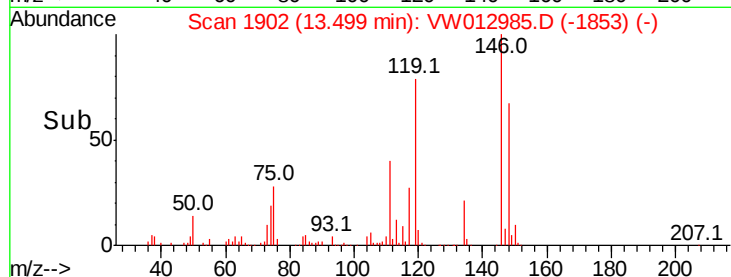
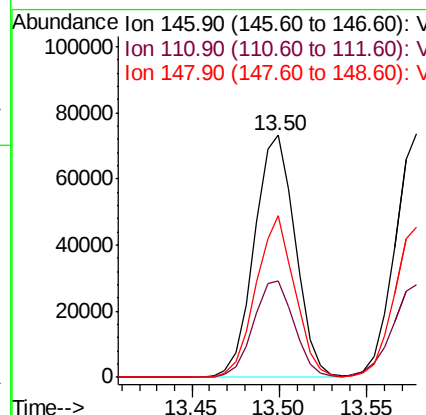
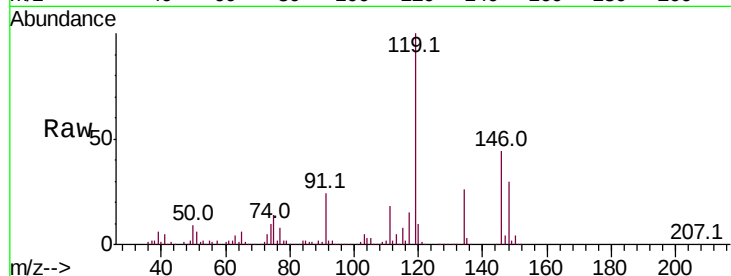
Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:146 Resp: 118766

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.203 ug/l

RT: 13.58 min Scan# 1915

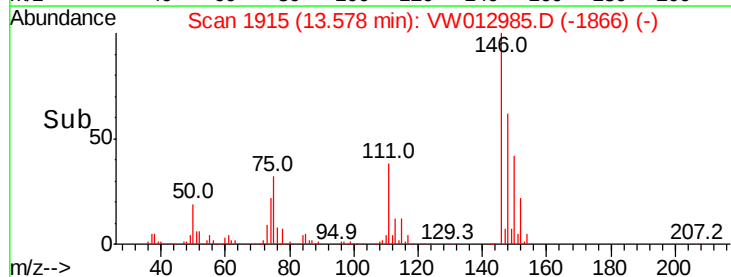
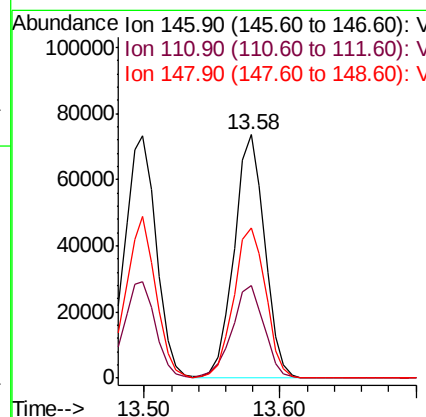
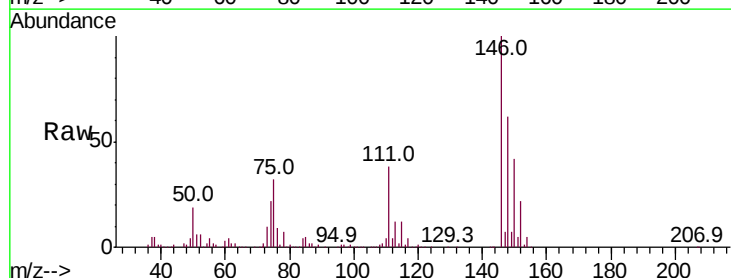
Delta R.T. -0.00 min

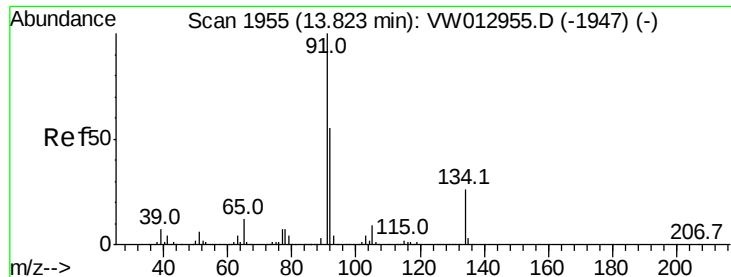
Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Tgt Ion:146 Resp: 114922

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.4	58.2
148	64.5	31.9	95.5





#89

n-Butylbenzene

Concen: 19.881 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampleId :

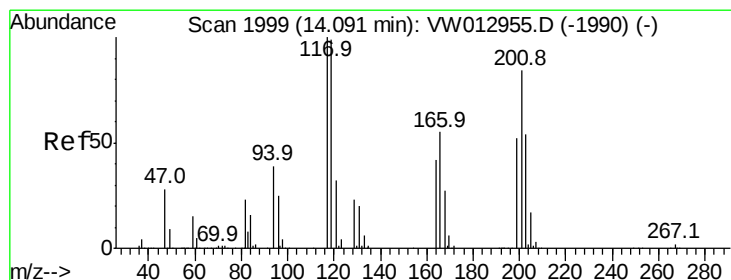
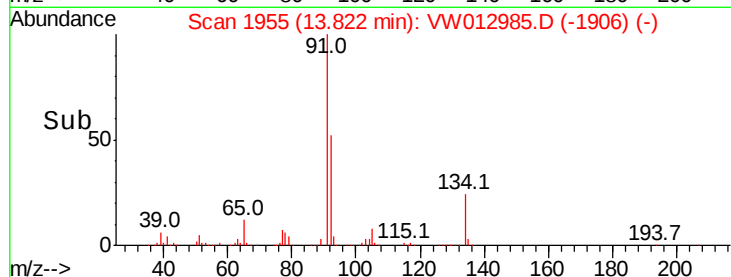
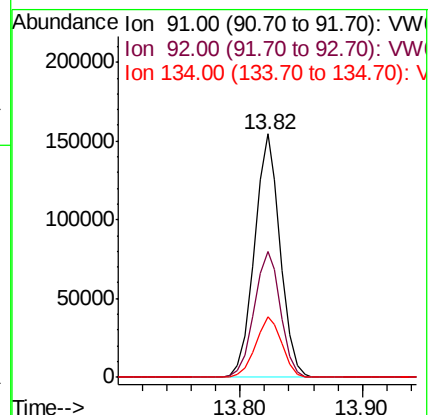
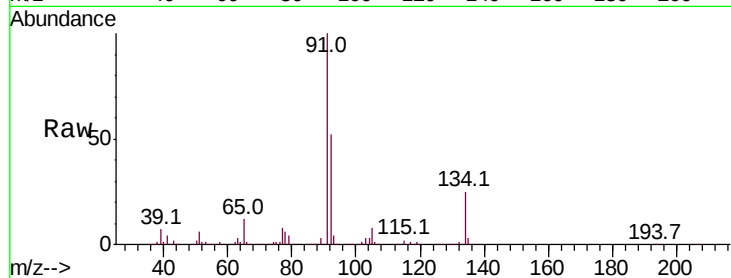
Tot Ion: 91 Resp: 225266

Ion Ratio Lower Upper

91 100

92 53.0 27.2 81.5

134 25.5 13.1 39.1



#90

Hexachloroethane

Concen: 18.554 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012985.D

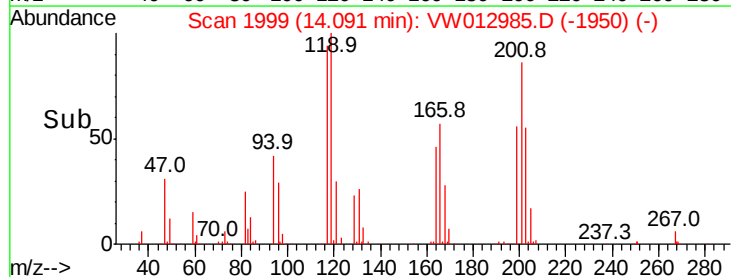
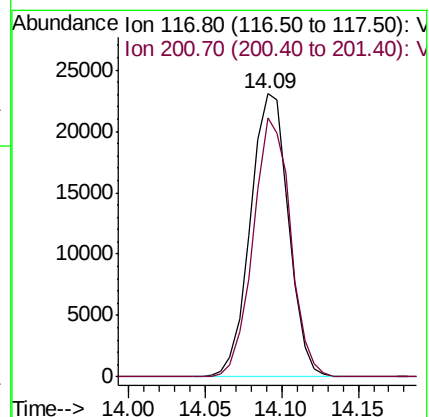
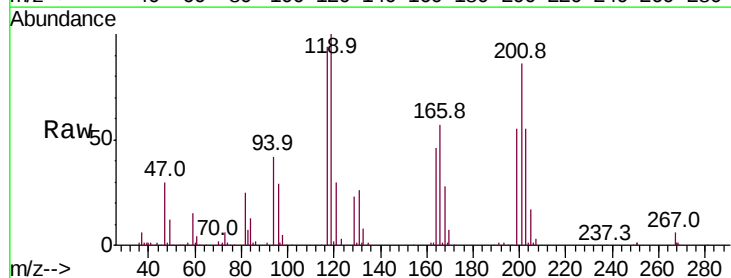
Acq: 14 Sep 2019 11:37

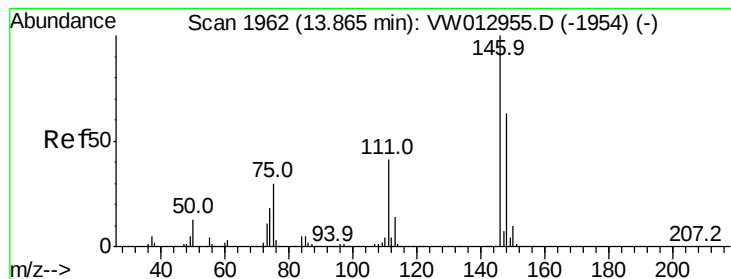
Tgt Ion: 117 Resp: 39948

Ion Ratio Lower Upper

117 100

201 89.7 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 20.069 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

Instrument :

MSVOA_W

ClientSampled :

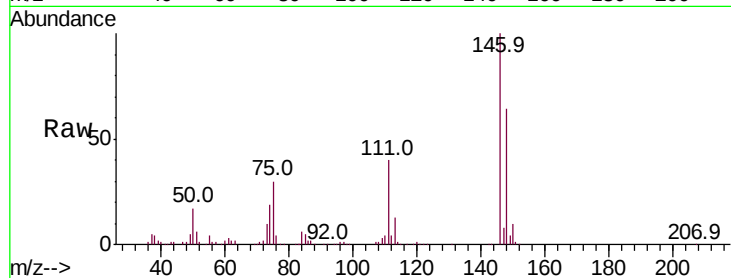
Tot Ion:146 Resp: 102160

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.5

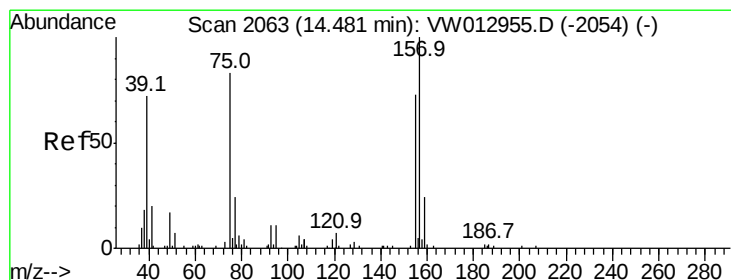
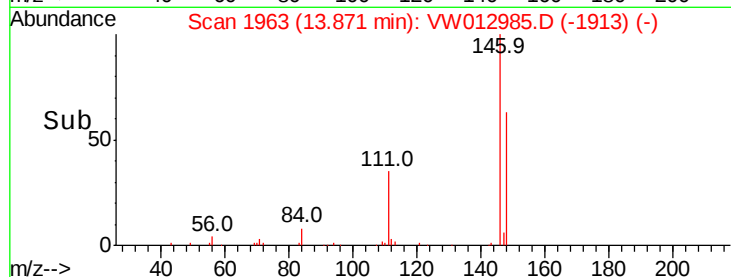
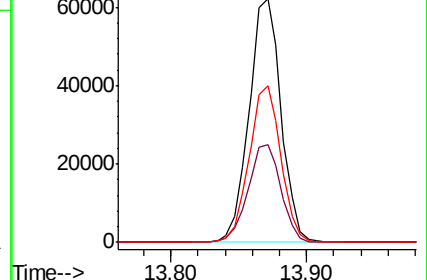
148 63.8 32.7 98.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.352 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012985.D

Acq: 14 Sep 2019 11:37

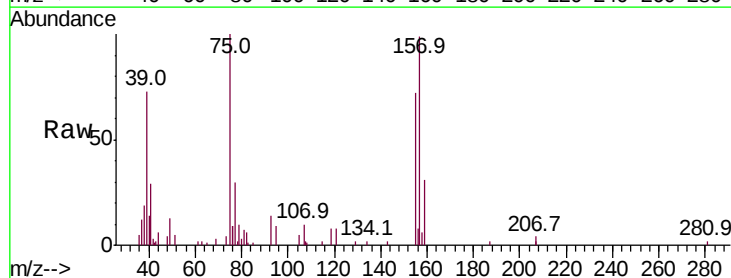
Tgt Ion: 75 Resp: 7081

Ion Ratio Lower Upper

75 100

155 85.0 43.3 129.9

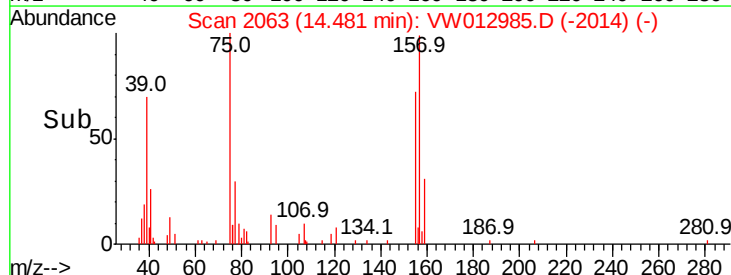
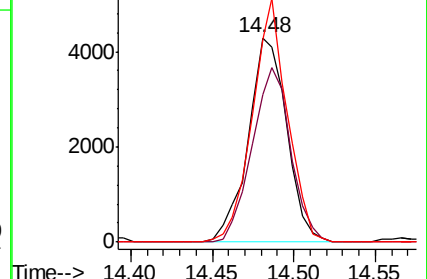
157 107.1 54.7 164.1

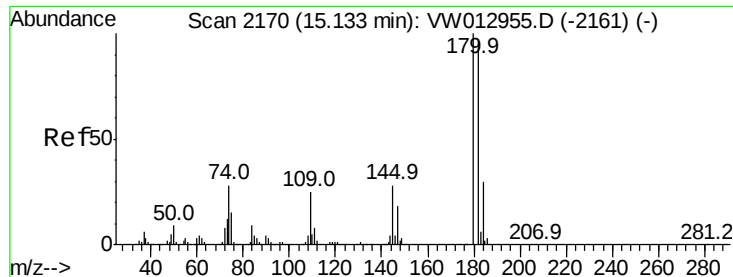


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

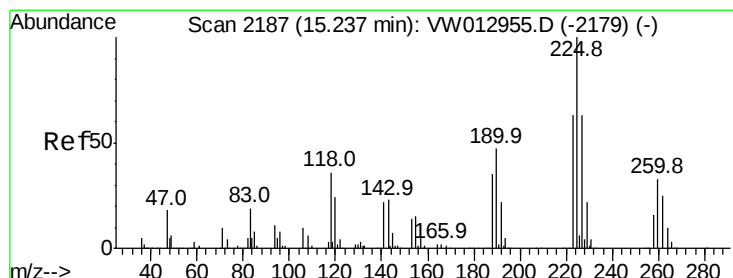
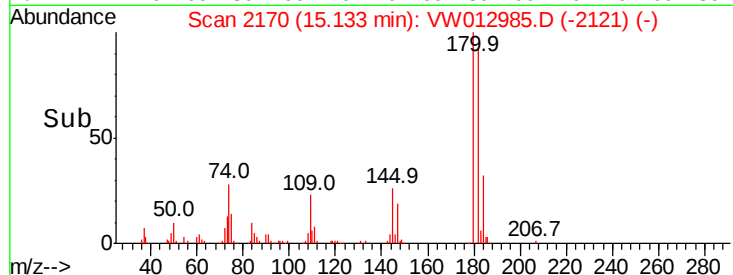
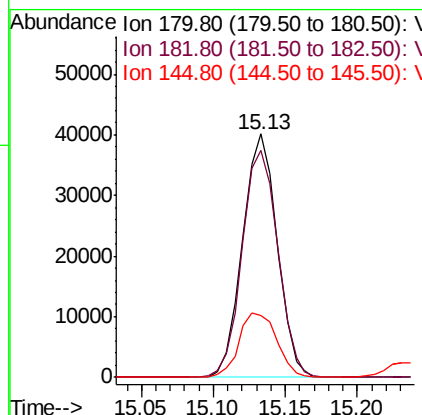
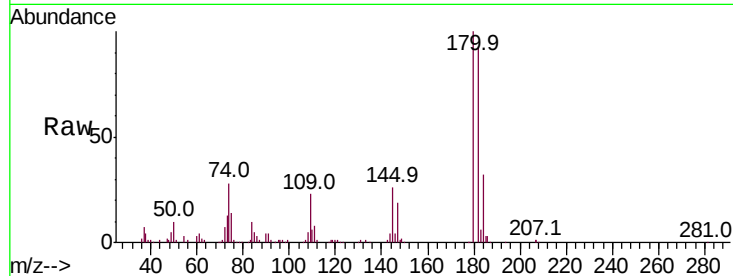




#93
 1,2,4-Trichlorobenzene
 Concen: 18.384 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

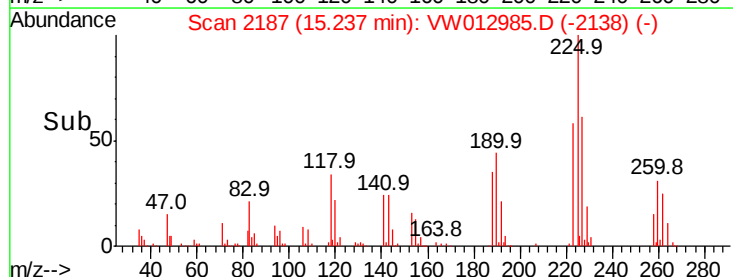
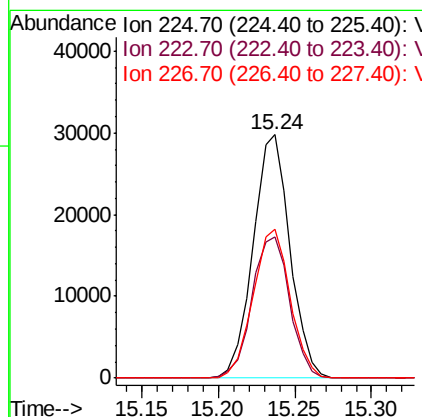
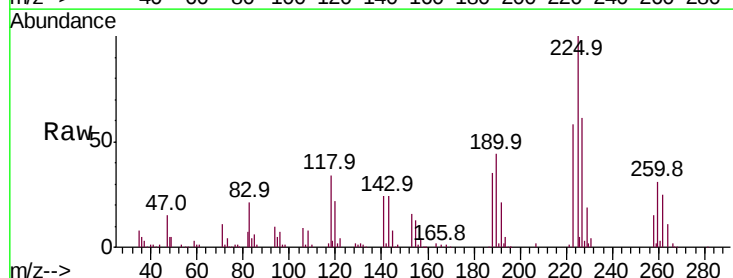
Instrument :
 MSVOA_W
 ClientSampleId :

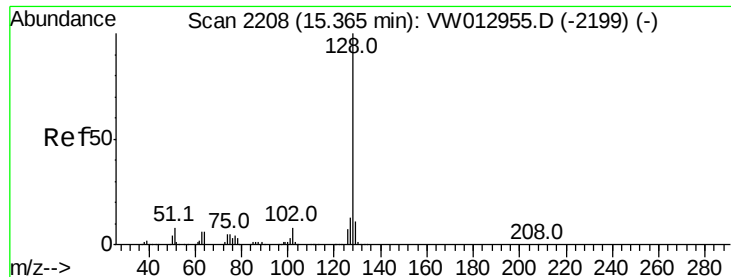
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	29.0	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 19.416 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012985.D
 Acq: 14 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	31.8	95.3
227	61.7	31.3	93.8

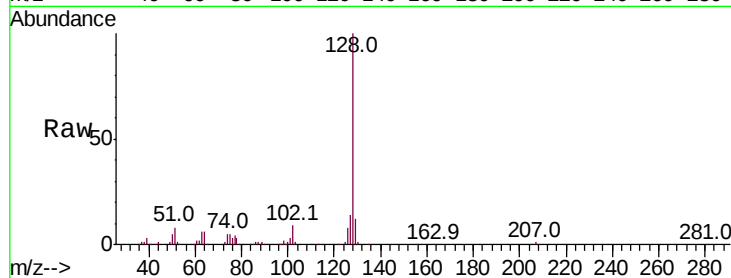




#95
Naphthalene
Concen: 17.399 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.6
129	11.2	8.6	12.8

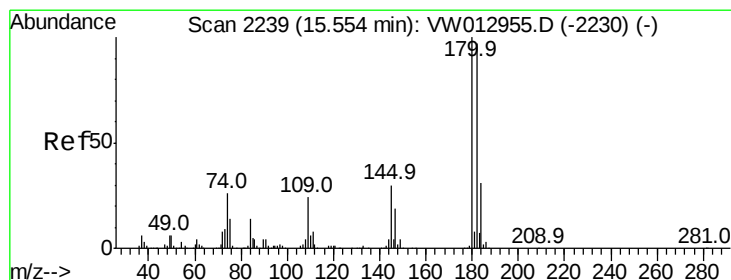
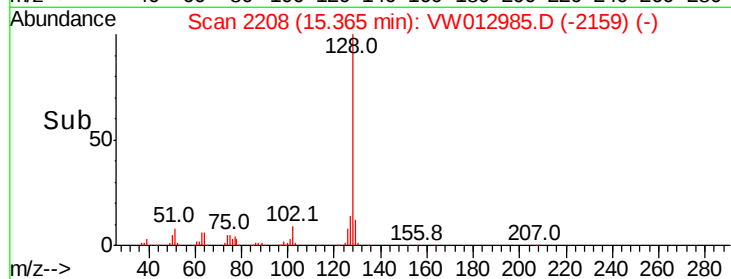
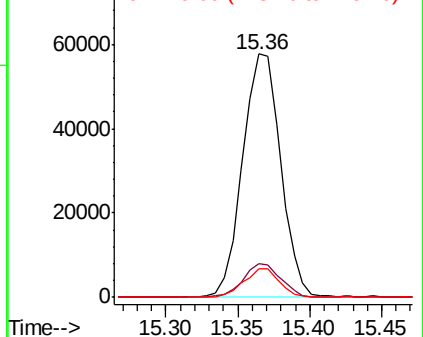


Abundance

Ion 128.00 (127.70 to 128.70): V

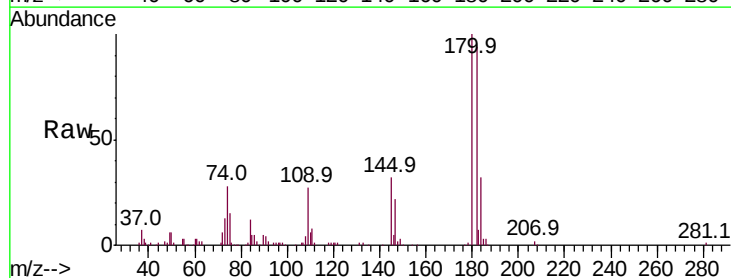
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.088 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012985.D
Acq: 14 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.6	142.8
145	30.4	15.4	46.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

