

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012680.D
 Acq On : 06 Sep 2019 09:05
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 06 11:24:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	287825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	134384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127870	64.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.06%	
35) Dibromofluoromethane	7.88	113	94417	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
50) Toluene-d8	10.32	98	345006	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.62	95	130796	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39747	38.424	ug/l	99
3) Chloromethane	2.21	50	68718	42.878	ug/l	98
4) Vinyl Chloride	2.36	62	73545	37.493	ug/l	98
5) Bromomethane	2.77	94	48969	49.293	ug/l	98
6) Chloroethane	2.90	64	49957	45.146	ug/l	99
7) Trichlorofluoromethane	3.25	101	42693	43.345	ug/l	97
8) Diethyl Ether	3.68	74	64713	69.218	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	78763	47.044	ug/l	95
10) Methyl Iodide	4.26	142	136024	60.047	ug/l	99
11) Tert butyl alcohol	5.21	59	48771	405.799	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	80548	47.800	ug/l	96
13) Acrolein	3.89	56	18986	167.821	ug/l	96
14) Allyl chloride	4.66	41	193894	53.822	ug/l	98
15) Acrylonitrile	5.37	53	173505	374.416	ug/l	99
16) Acetone	4.14	43	144352	282.764	ug/l	98
17) Carbon Disulfide	4.38	76	209532	41.143	ug/l	99
18) Methyl Acetate	4.67	43	129847	102.693	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212677	78.044	ug/l	98
20) Methylene Chloride	4.91	84	119382	61.859	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	99765	55.209	ug/l	96
22) Diisopropyl ether	6.31	45	434032	64.998	ug/l	99
23) Vinyl Acetate	6.25	43	1245015	302.959	ug/l	100
24) 1,1-Dichloroethane	6.21	63	217588	59.845	ug/l	99
25) 2-Butanone	7.17	43	231922	334.319	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96579	46.930	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	120454	62.390	ug/l	96
28) Bromochloromethane	7.51	49	94998	59.947	ug/l	91
29) Tetrahydrofuran	7.53	42	155194	372.884	ug/l	97
30) Chloroform	7.67	83	218136	65.577	ug/l	98
31) Cyclohexane	7.95	56	139856	38.879	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	152270	57.865	ug/l	99
36) 1,1-Dichloropropene	8.08	75	138921	46.707	ug/l	99
37) Ethyl Acetate	7.25	43	102265	62.743	ug/l	99
38) Carbon Tetrachloride	8.06	117	130119	50.544	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	139361	41.707	ug/l	99
40) Benzene	8.32	78	448603	55.235	ug/l	100
41) Methacrylonitrile	7.48	41	65574	68.453	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174227	68.448	ug/l	100
43) Isopropyl Acetate	8.42	43	199403	66.048	ug/l	99
44) Trichloroethene	9.09	130	109132	55.275	ug/l	99
45) 1,2-Dichloropropane	9.37	63	127252	58.218	ug/l	100
46) Dibromomethane	9.46	93	65351	67.198	ug/l	96
47) Bromodichloromethane	9.64	83	169623	65.535	ug/l	99
48) Methyl methacrylate	9.44	41	107282	74.661	ug/l	96
49) 1,4-Dioxane	9.46	88	20882	1402.594	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	549354	357.747	ug/l	100
52) Toluene	10.38	92	277540	56.884	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	168862	64.048	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	188949	59.354	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	93755	68.137	ug/l	97
56) Ethyl methacrylate	10.65	69	142326	71.070	ug/l	99
57) 1,3-Dichloropropane	10.93	76	164667	63.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332568	323.576	ug/l	99
59) 2-Hexanone	10.97	43	363385	334.445	ug/l	100
60) Dibromochloromethane	11.13	129	104160	67.962	ug/l	100
61) 1,2-Dibromoethane	11.23	107	85843	66.965	ug/l	99
64) Tetrachloroethene	10.86	164	102703	59.879	ug/l	99
65) Chlorobenzene	11.66	112	291870	56.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	110703	60.915	ug/l	98
67) Ethyl Benzene	11.73	91	528301	52.647	ug/l	100
68) m/p-Xylenes	11.84	106	389531	107.764	ug/l	100
69) o-Xylene	12.16	106	190587	56.968	ug/l	100
70) Styrene	12.18	104	342316	59.115	ug/l	99
71) Bromoform	12.35	173	62811	69.371	ug/l	100
73) Isopropylbenzene	12.46	105	504240	50.076	ug/l	99
74) N-amyl acetate	12.27	43	156248	51.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	112796	61.101	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	147517	112.711	ug/l #	100
77) Bromobenzene	12.74	156	128915	59.178	ug/l	95
78) n-propylbenzene	12.80	91	608025	49.461	ug/l	98
79) 2-Chlorotoluene	12.89	91	372196	53.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	445743	52.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32094	53.765	ug/l	96
82) 4-Chlorotoluene	12.99	91	390446	53.429	ug/l	99
83) tert-Butylbenzene	13.21	119	376795	52.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	457767	54.159	ug/l	99
85) sec-Butylbenzene	13.38	105	504438	49.400	ug/l	100
86) p-Isopropyltoluene	13.50	119	466556	51.161	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	238175	55.897	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236475	55.893	ug/l	100
89) n-Butylbenzene	13.82	91	429975	47.413	ug/l	99
90) Hexachloroethane	14.09	117	83547	52.218	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	219819	58.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19953	64.113	ug/l	97

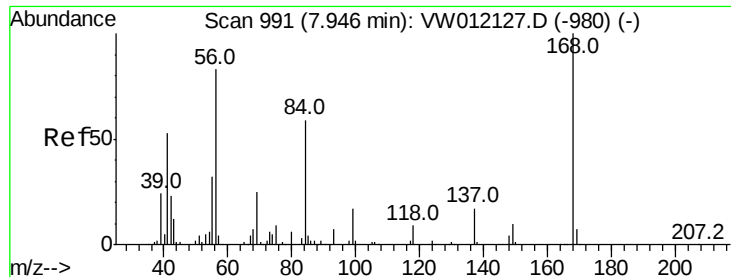
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	150748	58.358	ug/l	99
94) Hexachlorobutadiene	15.24	225	91221	53.481	ug/l	97
95) Naphthalene	15.36	128	303638	59.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	140940	62.536	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

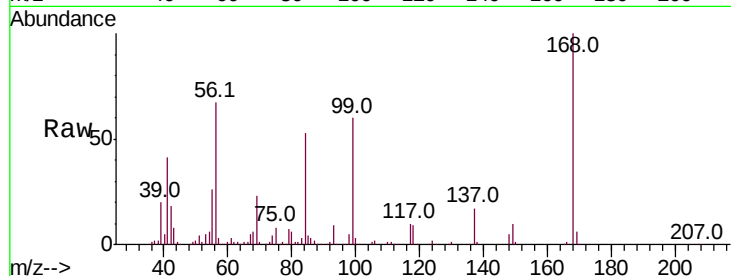
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 168000

Ion Ratio Lower Upper

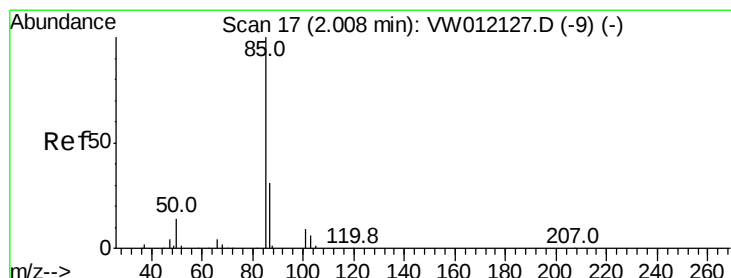
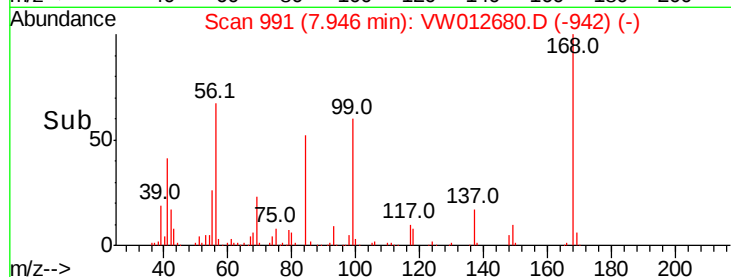
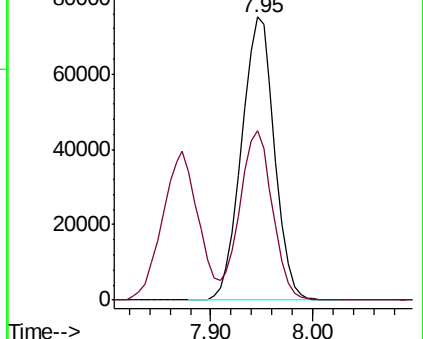
168 100

99 59.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 38.424 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012680.D

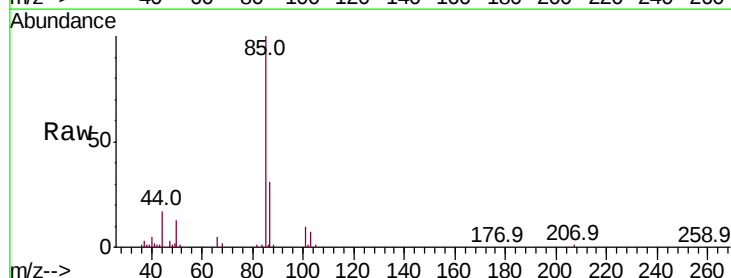
Acq: 06 Sep 2019 09:05

Tgt Ion: 85 Resp: 39747

Ion Ratio Lower Upper

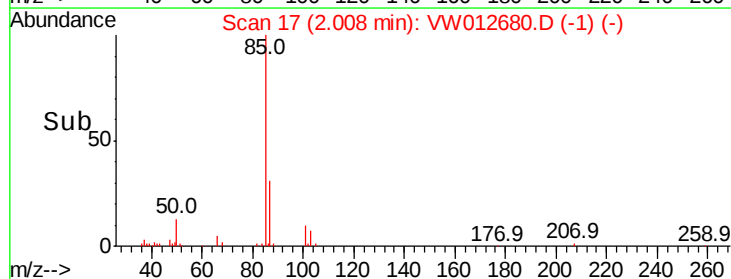
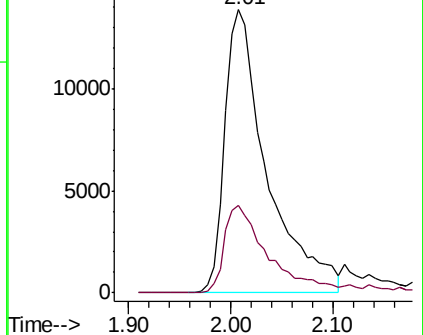
85 100

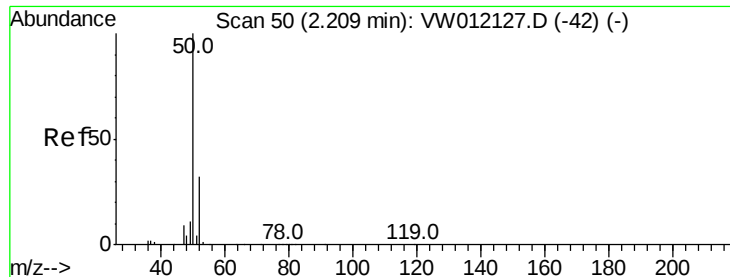
87 30.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.878 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

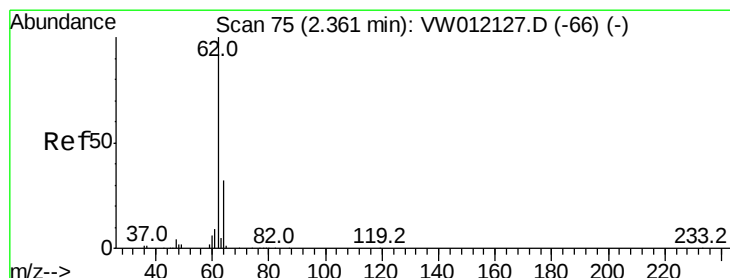
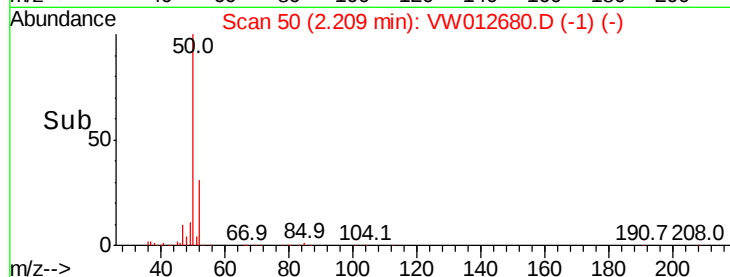
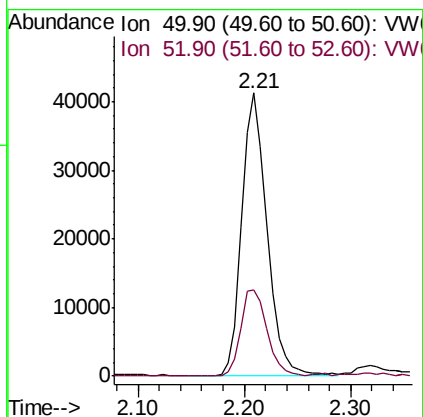
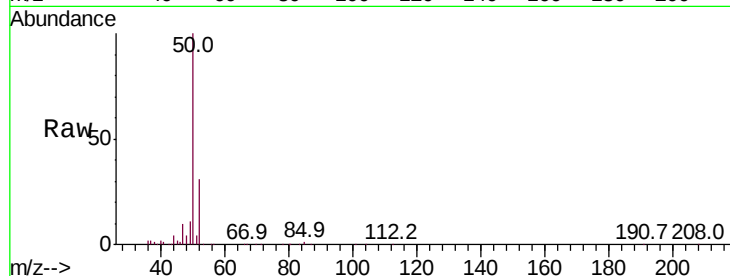
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 68718

Ion Ratio Lower Upper

50 100

52 30.7 25.5 38.3



#4

Vinyl Chloride

Concen: 37.493 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012680.D

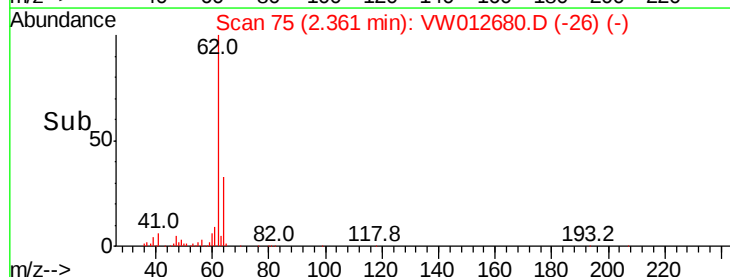
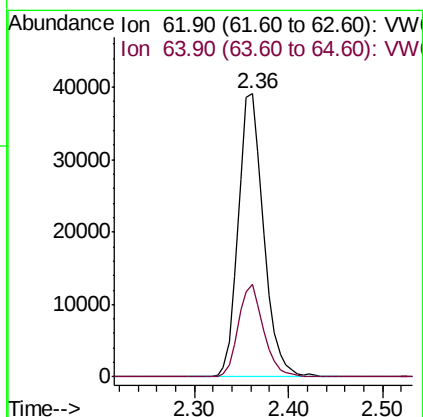
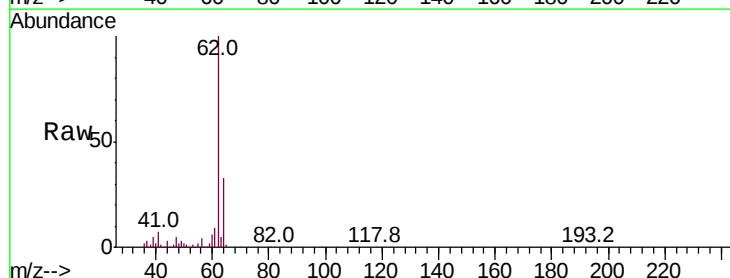
Acq: 06 Sep 2019 09:05

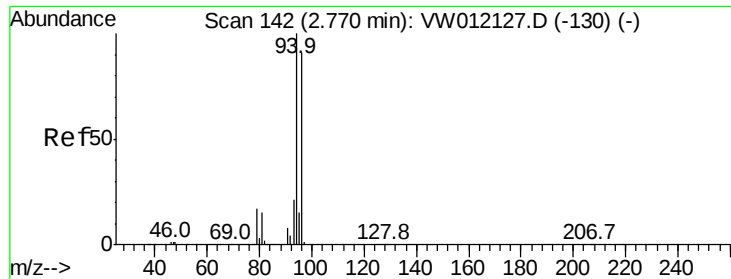
Tgt Ion: 62 Resp: 73545

Ion Ratio Lower Upper

62 100

64 32.5 25.3 37.9





#5

Bromomethane

Concen: 49.293 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

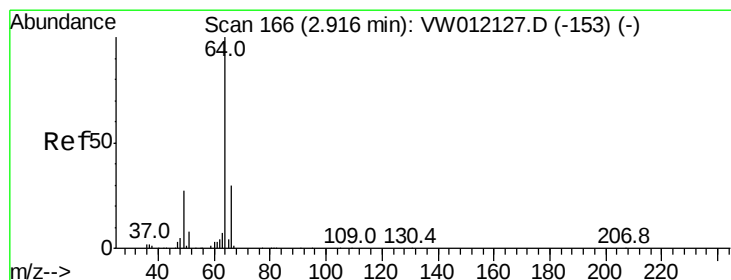
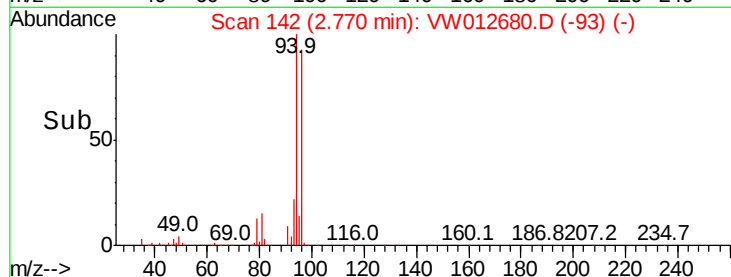
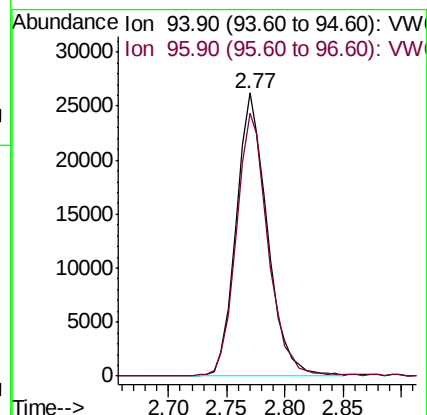
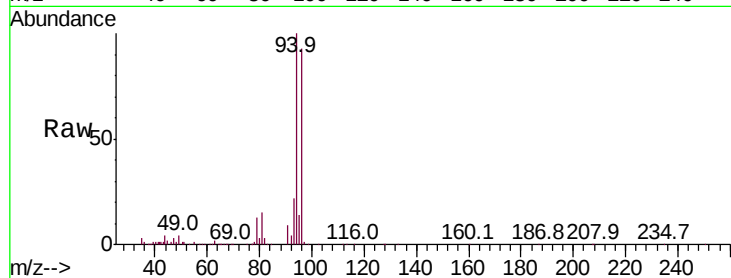
ClientSampled :

Tot Ion: 94 Resp: 48969

Ion Ratio Lower Upper

94 100

96 92.8 72.9 109.3



#6

Chloroethane

Concen: 45.146 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012680.D

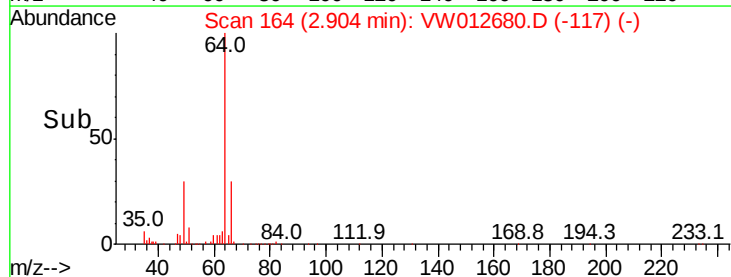
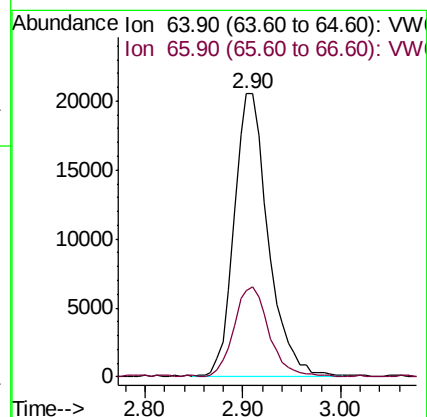
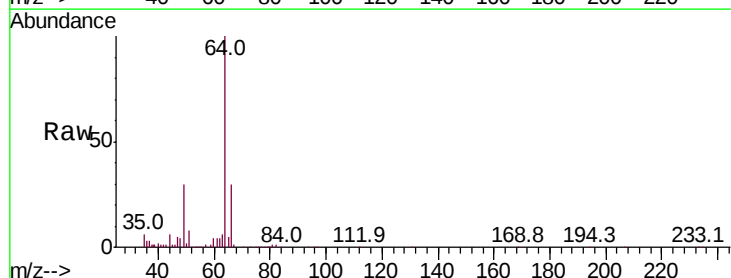
Acq: 06 Sep 2019 09:05

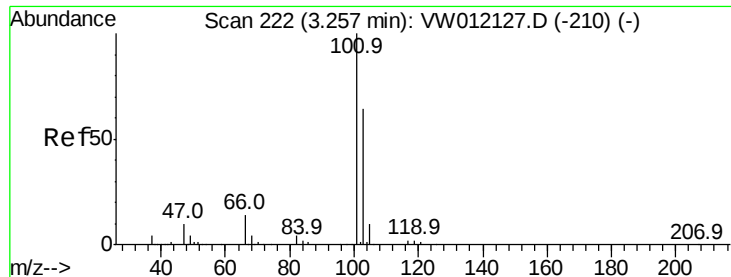
Tgt Ion: 64 Resp: 49957

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.8



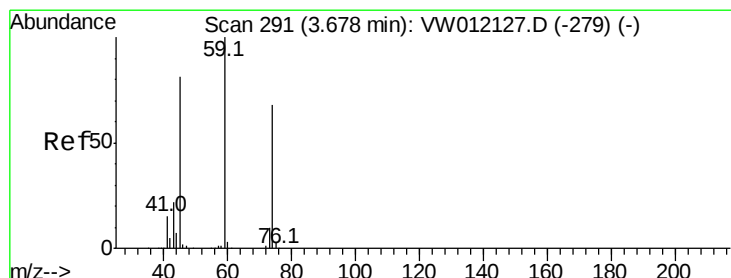
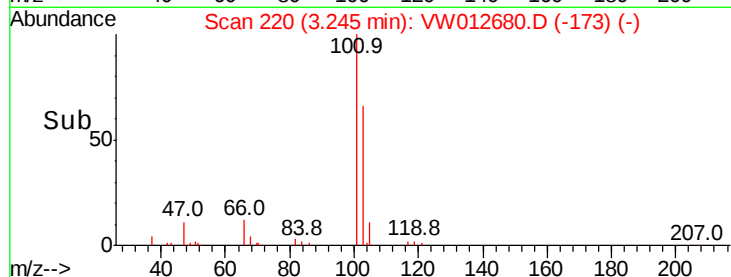
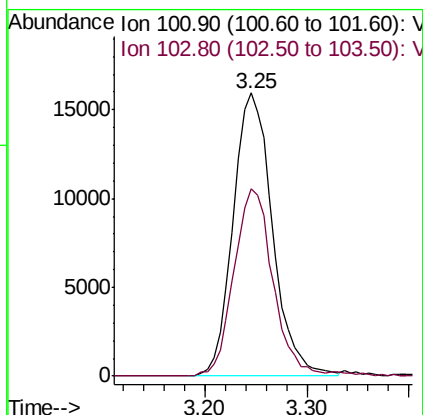
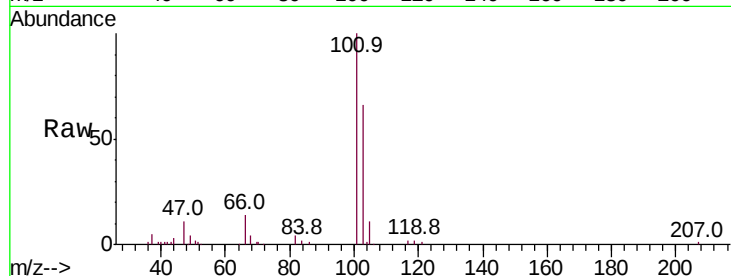


#7

Trichlorofluoromethane
 Concen: 43.345 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Instrument :
 MSVOA_W
 ClientSampled :

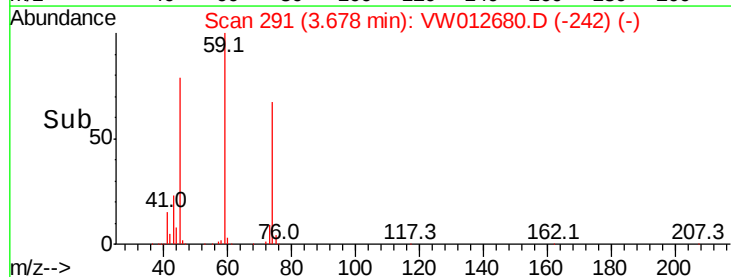
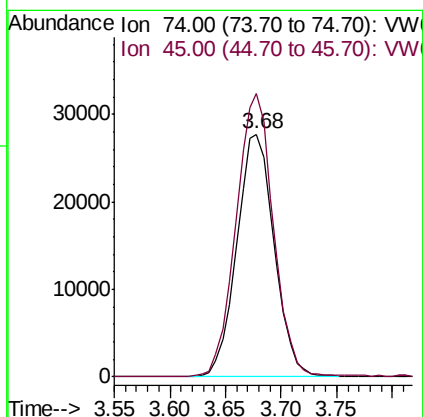
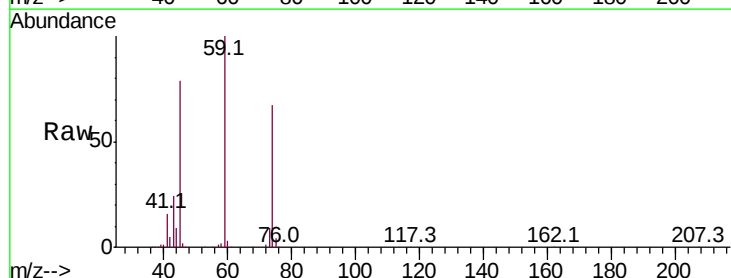
Tot Ion:101 Resp: 42693
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.2 76.8

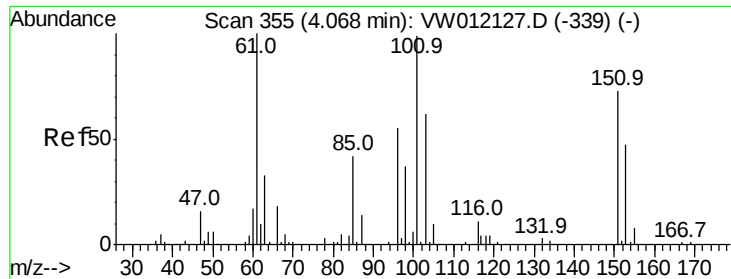


#8

Diethyl Ether
 Concen: 69.218 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion: 74 Resp: 64713
 Ion Ratio Lower Upper
 74 100
 45 116.7 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.044 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

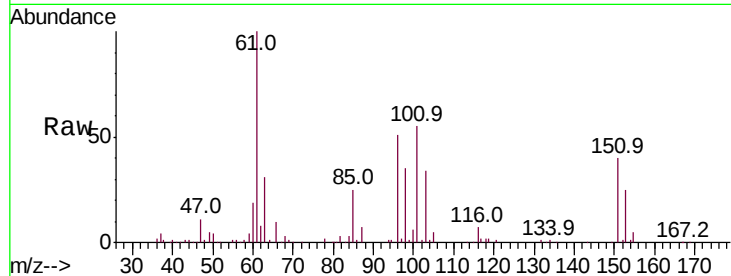
Tot Ion:101 Resp: 78763

Ion Ratio Lower Upper

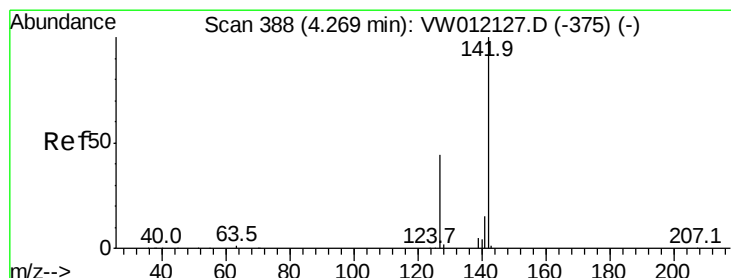
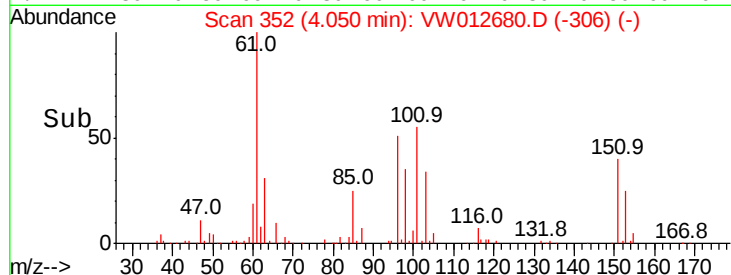
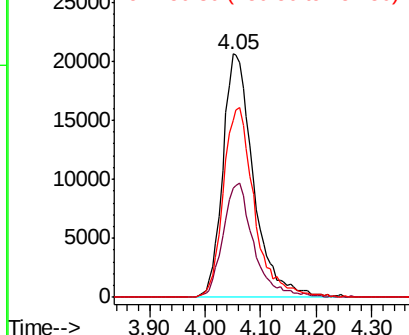
101 100

85 46.8 35.8 53.6

151 79.0 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VV
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.047 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

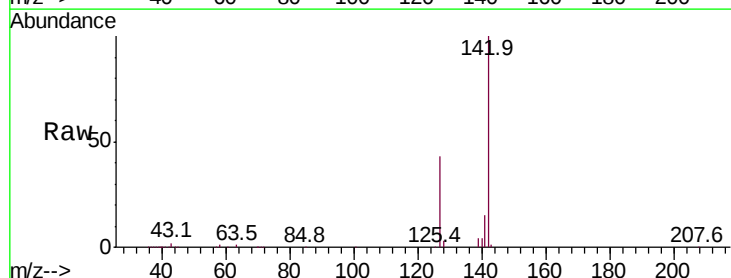
Tgt Ion:142 Resp: 136024

Ion Ratio Lower Upper

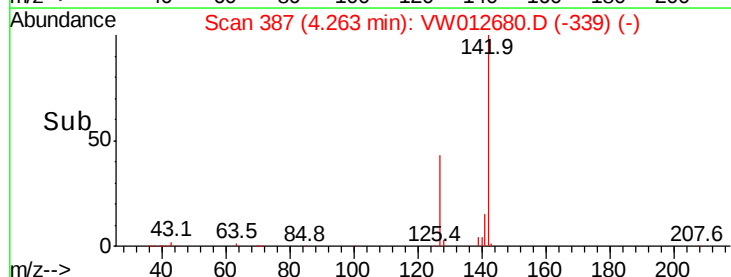
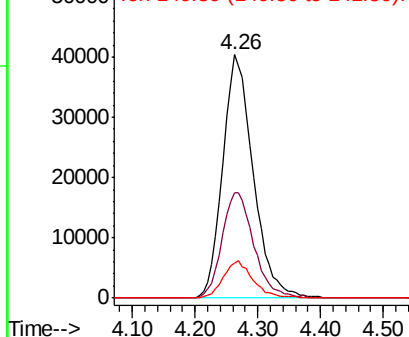
142 100

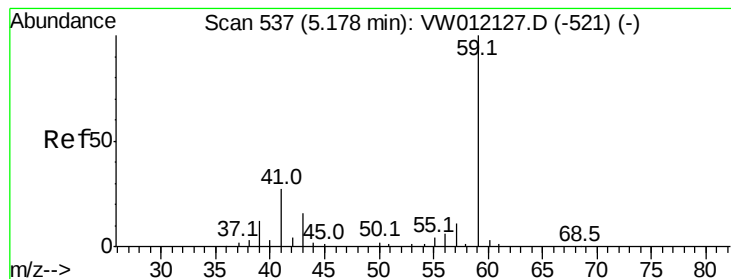
127 44.8 35.5 53.3

141 15.0 11.8 17.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



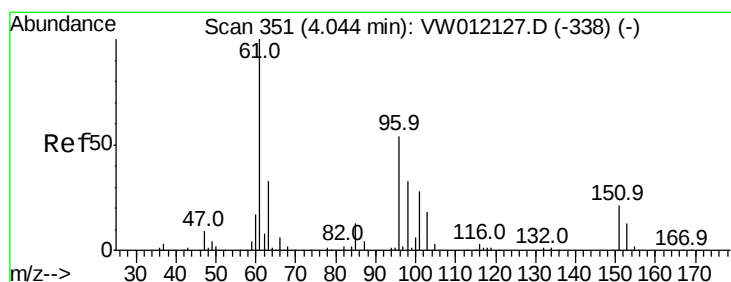
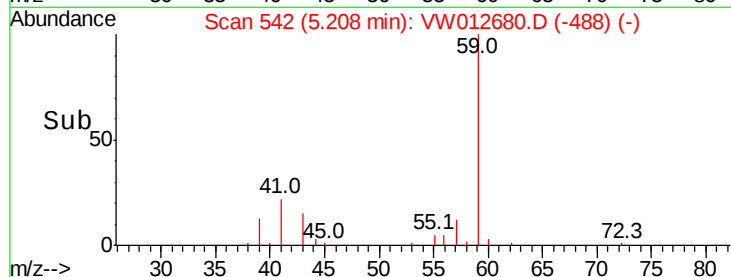
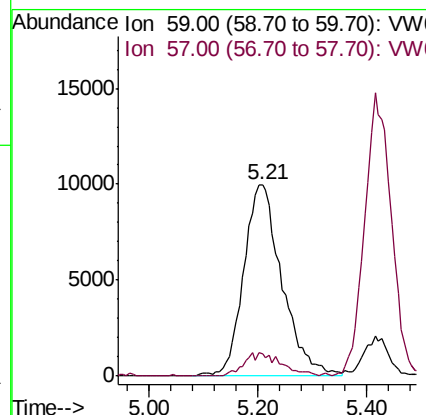
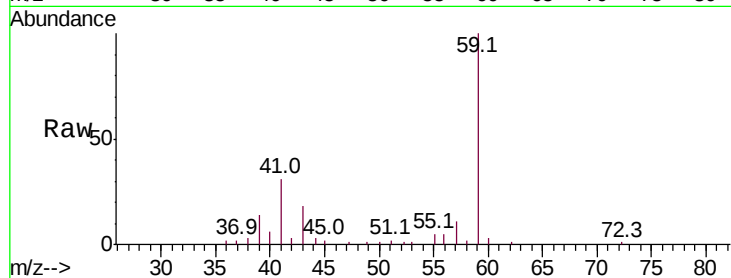


#11

Tert butyl alcohol
 Concen: 405.799 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.03 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Instrument :
 MSVOA_W
 ClientSampleId :

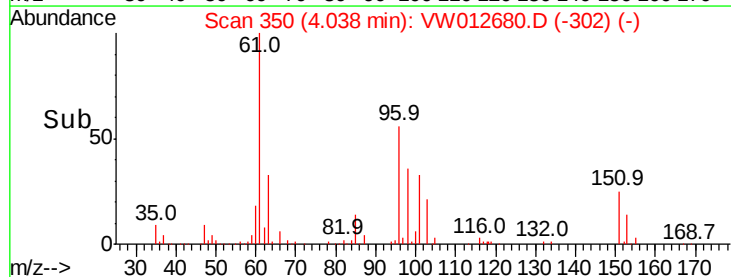
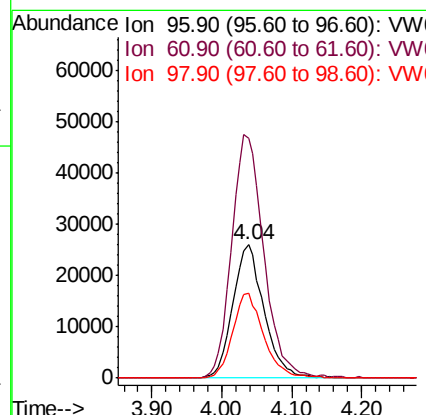
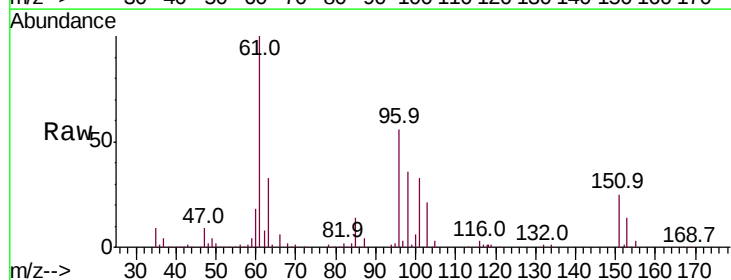
Tot Ion: 59 Resp: 48771
 Ion Ratio Lower Upper
 59 100
 57 4.2 9.0 13.4#

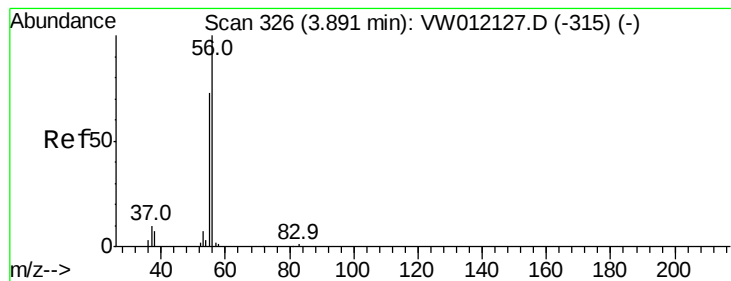


#12

1,1-Dichloroethene
 Concen: 47.800 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion: 96 Resp: 80548
 Ion Ratio Lower Upper
 96 100
 61 180.1 149.1 223.7
 98 64.0 49.4 74.2





#13

Acrolein

Concen: 167.821 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

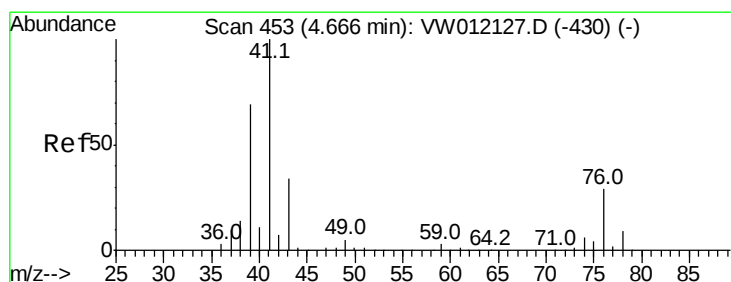
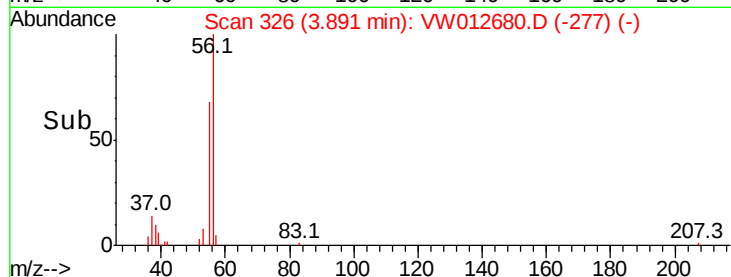
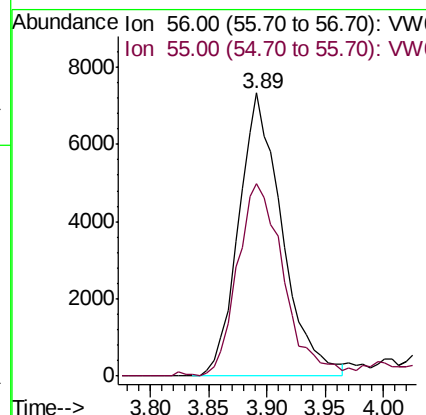
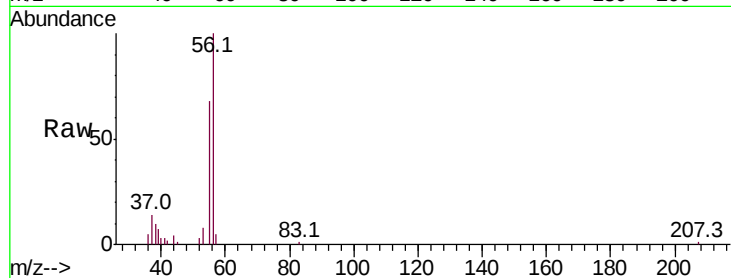
ClientSampleId :

Tot Ion: 56 Resp: 18986

Ion Ratio Lower Upper

56 100

55 73.0 55.8 83.8



#14

Allyl chloride

Concen: 53.822 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

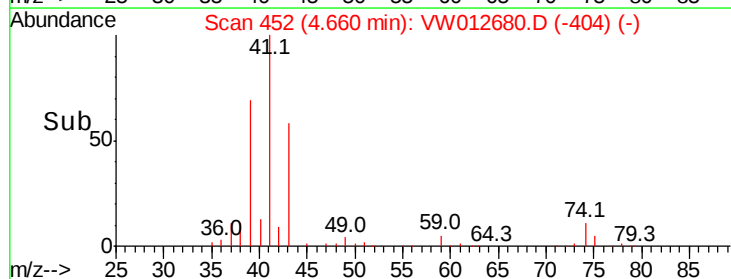
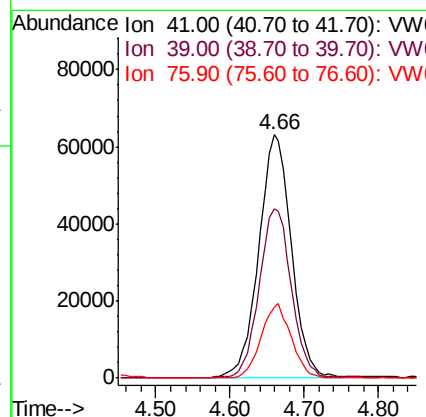
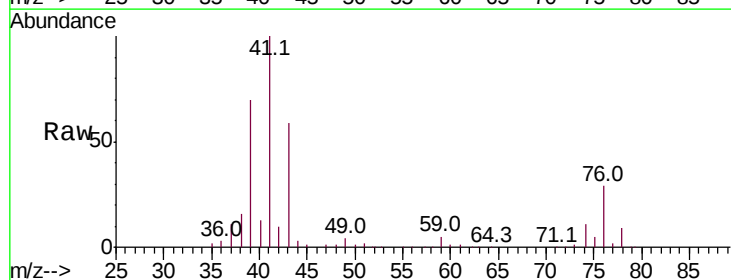
Tgt Ion: 41 Resp: 193894

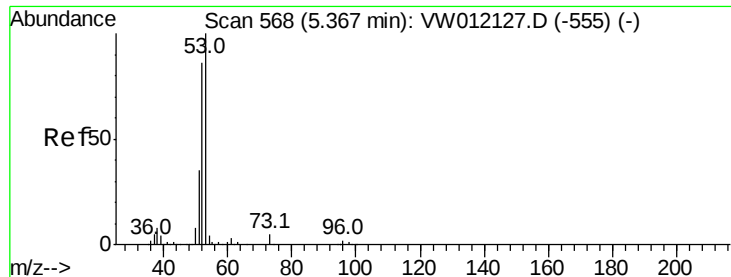
Ion Ratio Lower Upper

41 100

39 68.6 53.4 80.2

76 28.3 22.1 33.1





#15

Acrylonitrile

Concen: 374.416 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

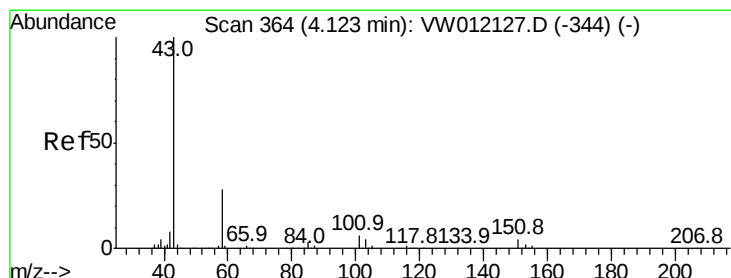
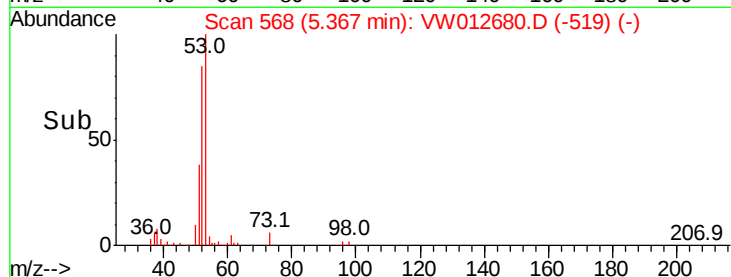
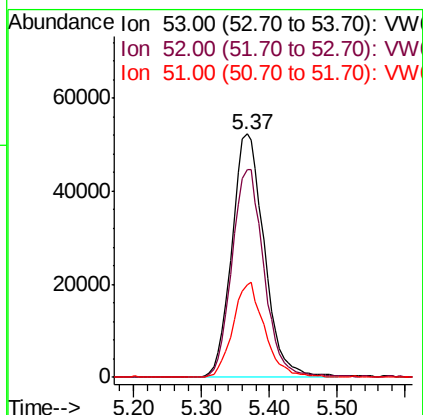
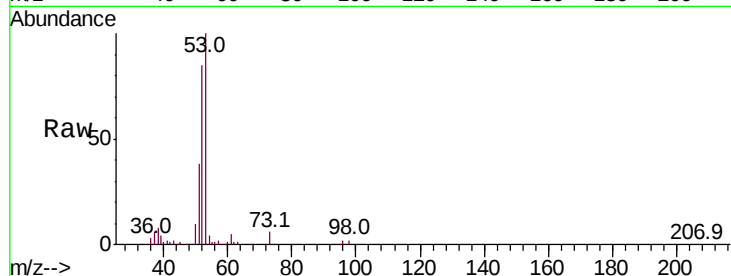
Tot Ion: 53 Resp: 173505

Ion Ratio Lower Upper

53 100

52 84.3 66.7 100.1

51 38.1 30.1 45.1



#16

Acetone

Concen: 282.764 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012680.D

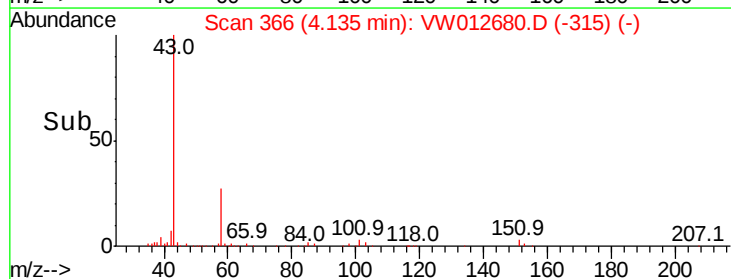
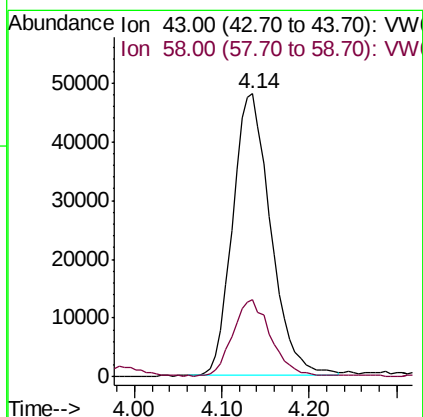
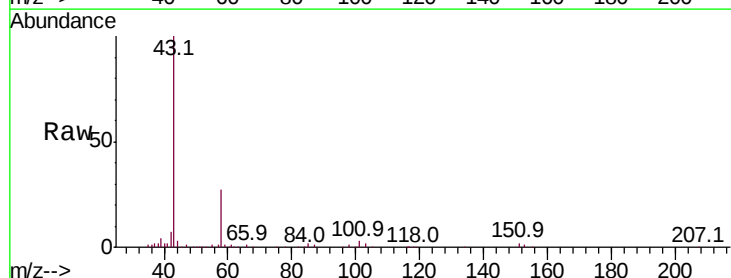
Acq: 06 Sep 2019 09:05

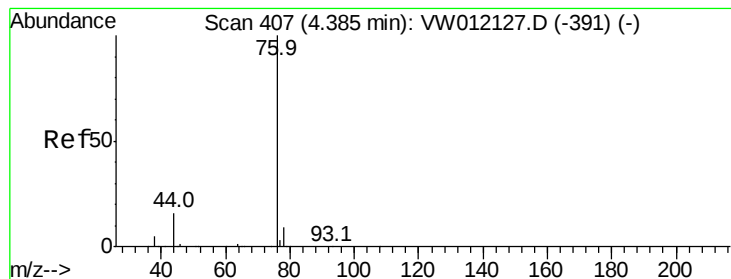
Tgt Ion: 43 Resp: 144352

Ion Ratio Lower Upper

43 100

58 27.0 22.4 33.6





#17

Carbon Disulfide

Concen: 41.143 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

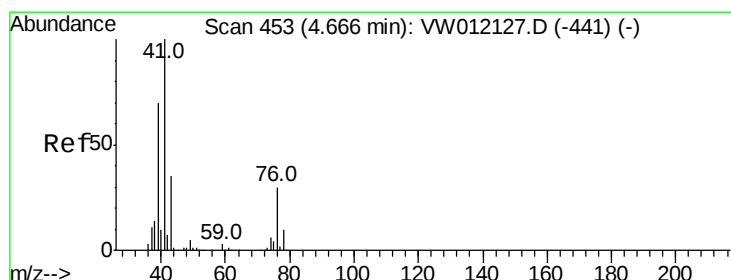
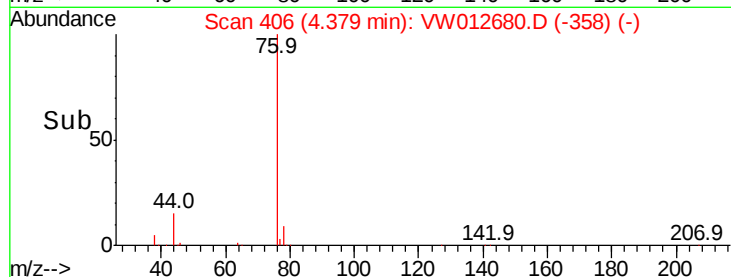
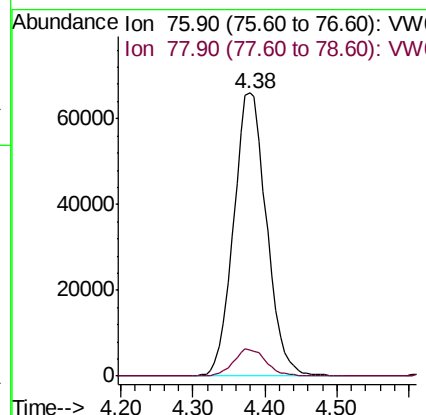
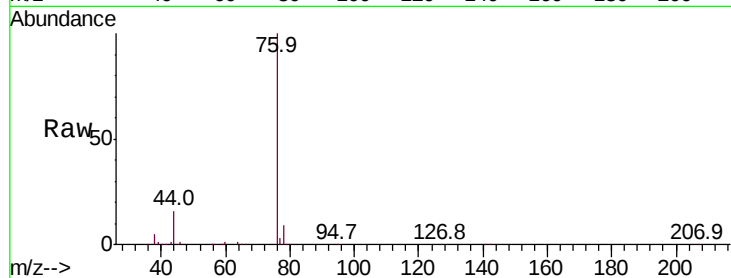
ClientSampled :

Tot Ion: 76 Resp: 209532

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 102.693 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012680.D

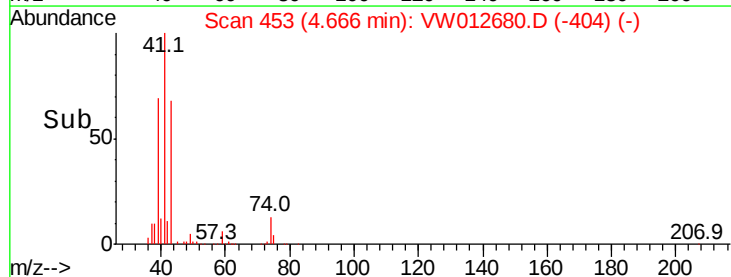
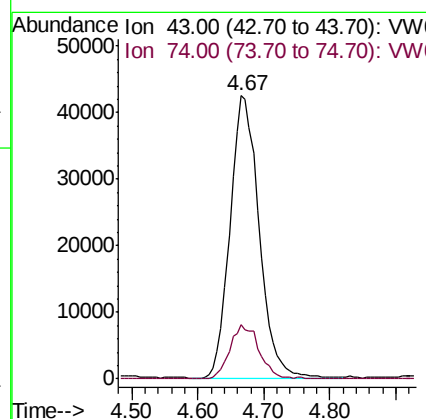
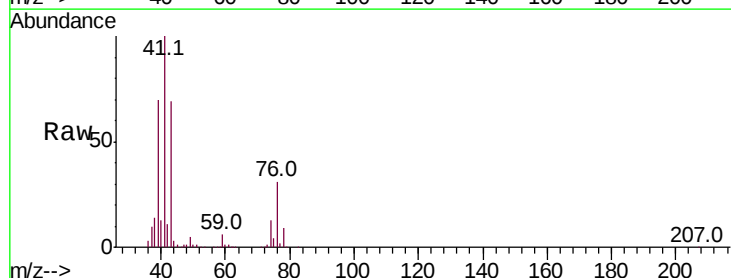
Acq: 06 Sep 2019 09:05

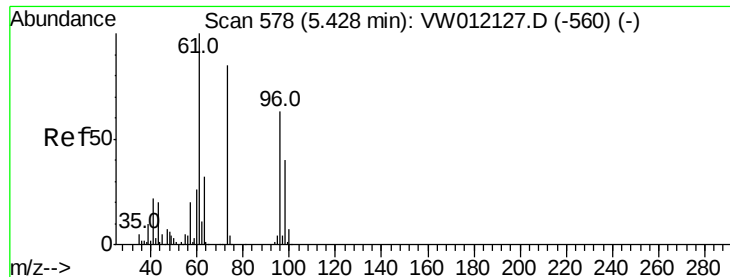
Tgt Ion: 43 Resp: 129847

Ion Ratio Lower Upper

43 100

74 19.3 15.7 23.5



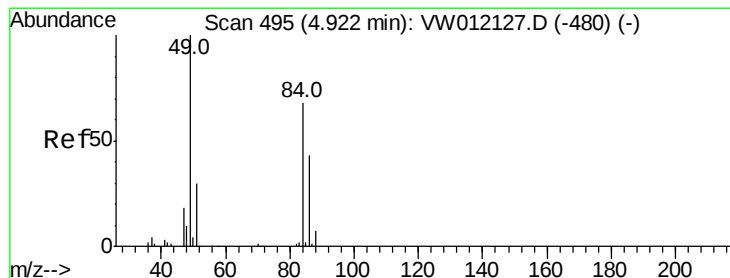
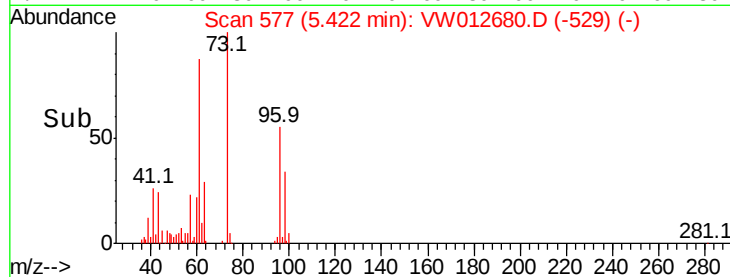
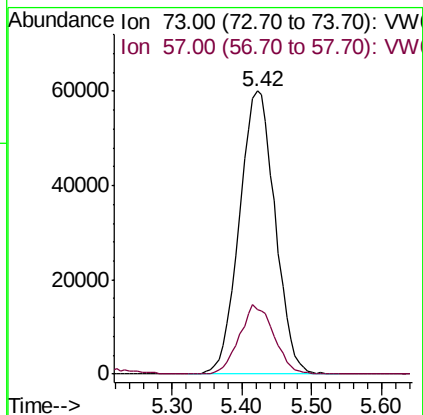
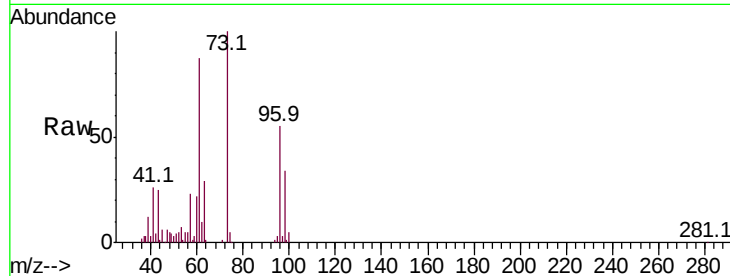


#19

Methyl tert-butyl Ether
 Concen: 78.044 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Instrument :
 MSVOA_W
 ClientSampled :

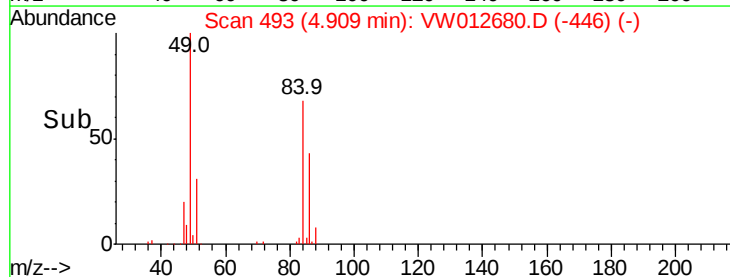
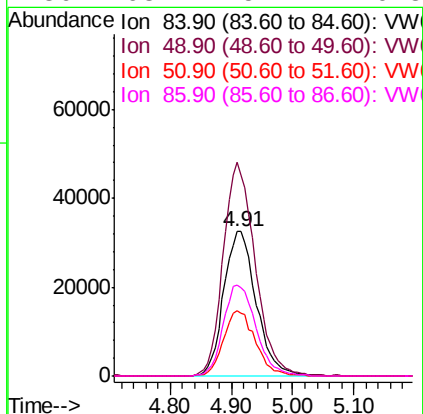
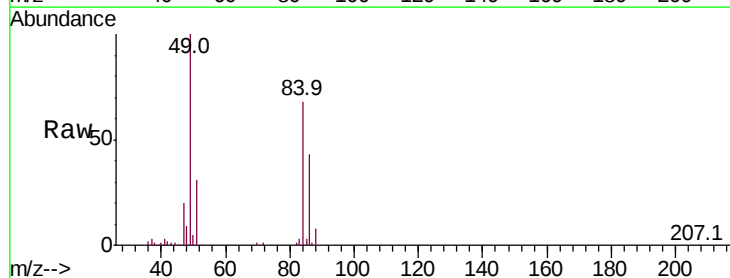
Tot Ion: 73 Resp: 212677
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.9 28.3

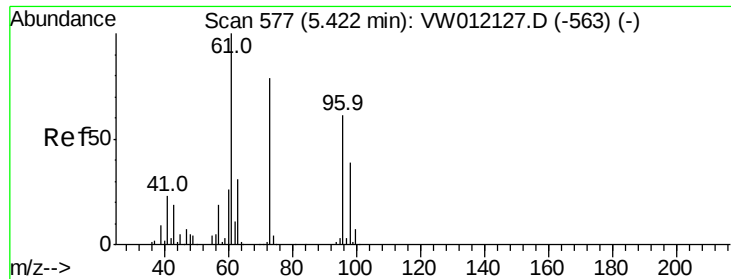


#20

Methylene Chloride
 Concen: 61.859 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion: 84 Resp: 119382
 Ion Ratio Lower Upper
 84 100
 49 147.9 117.8 176.8
 51 45.5 35.6 53.4
 86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 55.209 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

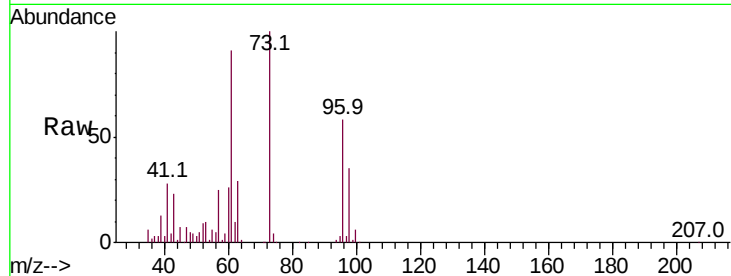
Tot Ion: 96 Resp: 99765

Ion Ratio Lower Upper

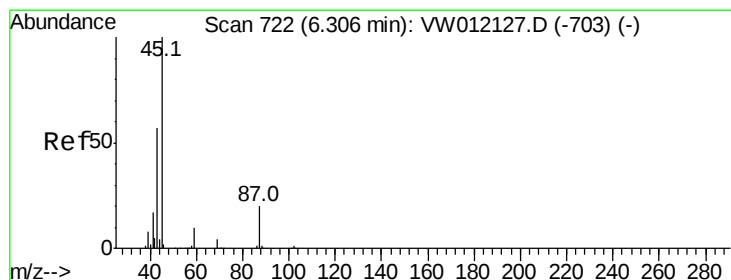
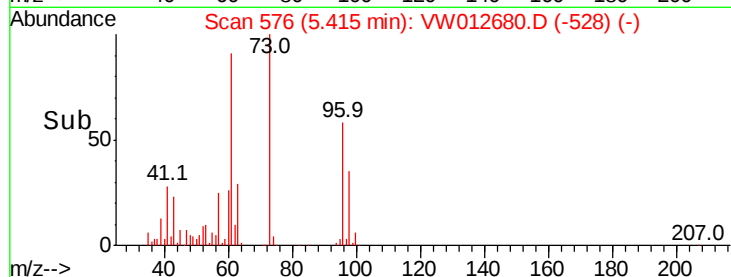
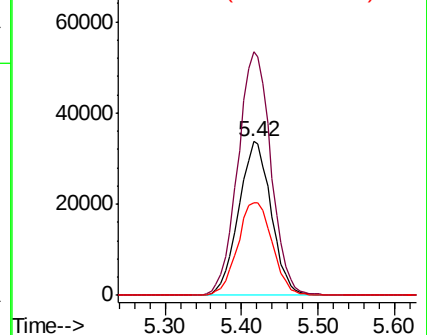
96 100

61 158.6 131.4 197.0

98 60.6 51.4 77.0



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



#22

Diisopropyl ether

Concen: 64.998 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Tgt Ion: 45 Resp: 434032

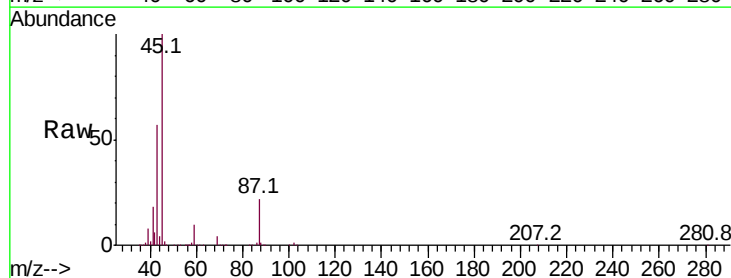
Ion Ratio Lower Upper

45 100

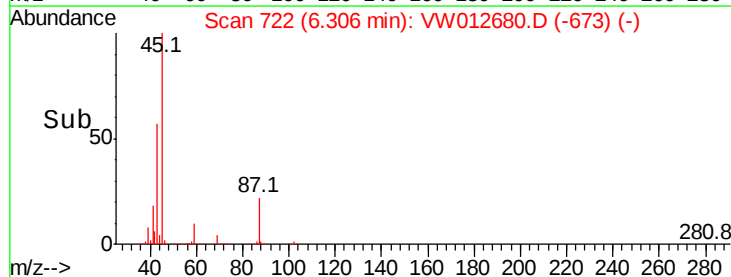
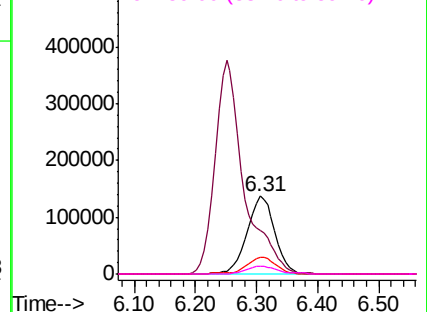
43 56.4 45.5 68.3

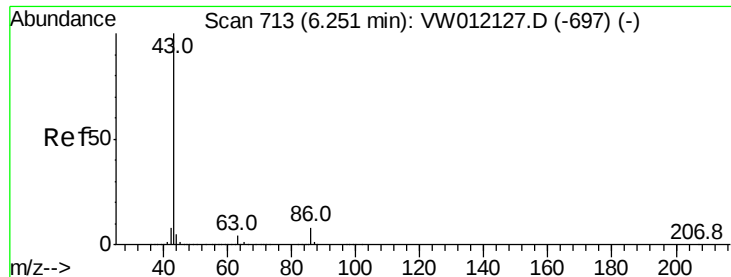
87 21.5 16.1 24.1

59 9.9 8.2 12.2



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





#23

Vinyl Acetate

Concen: 302.959 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

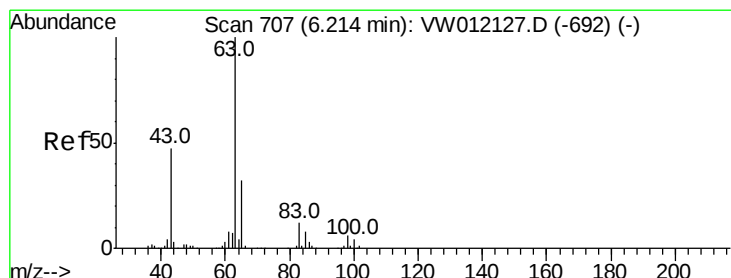
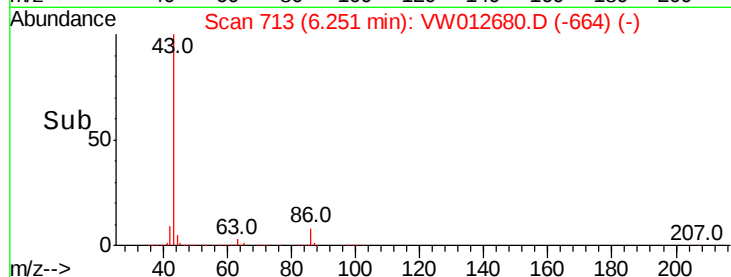
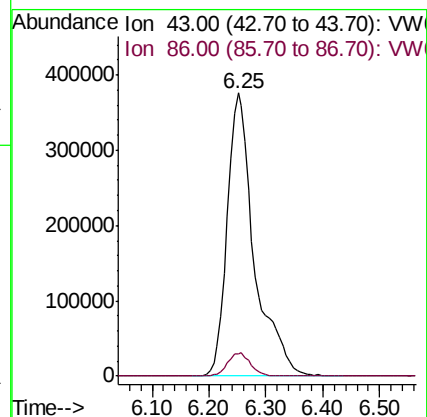
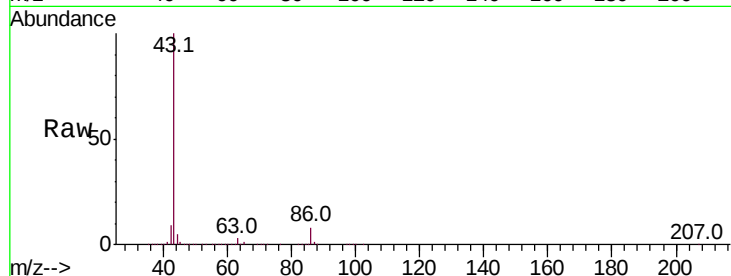
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1245015

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 59.845 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

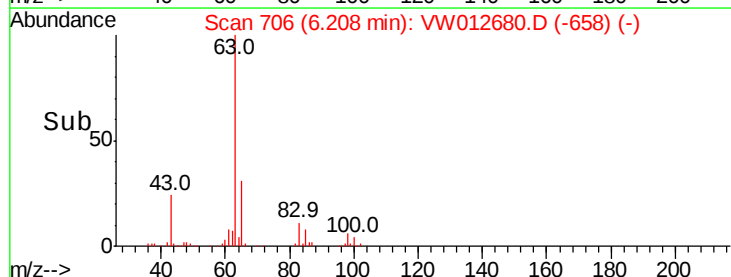
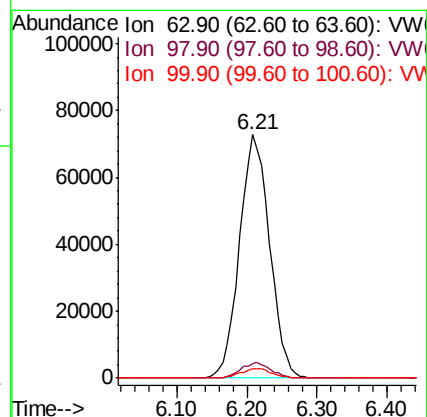
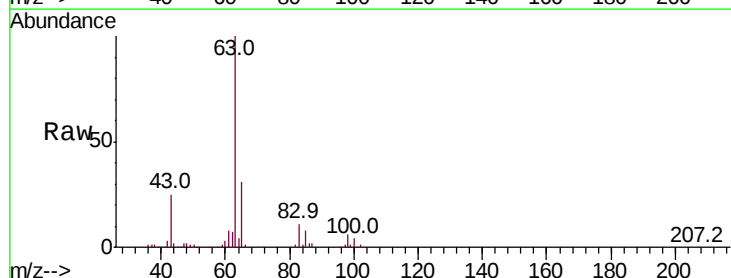
Tgt Ion: 63 Resp: 217588

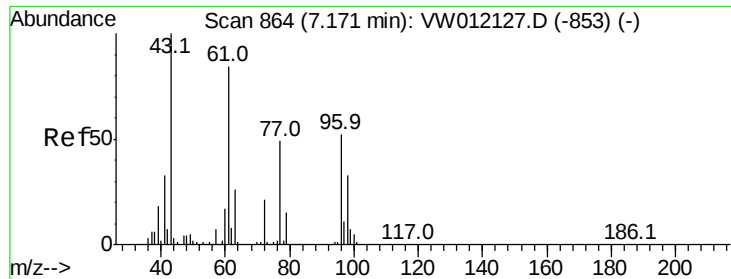
Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 334.319 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

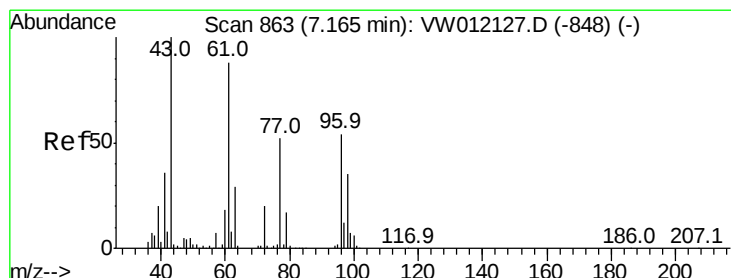
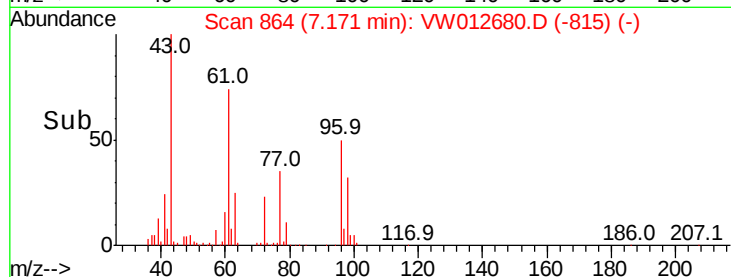
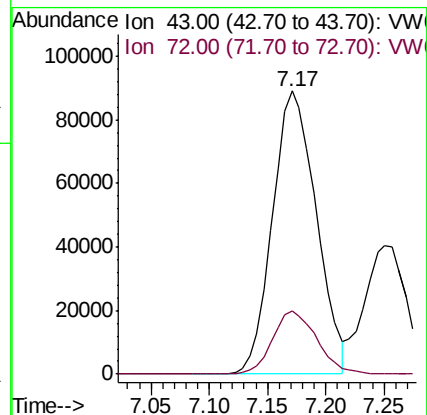
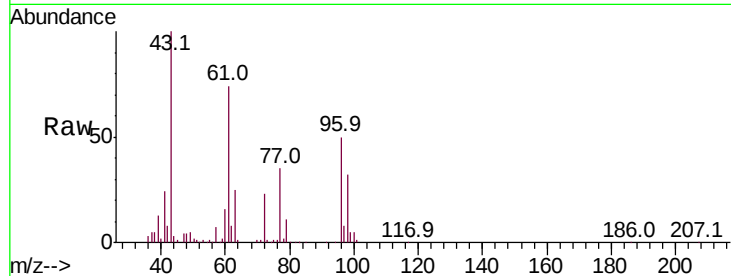
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 231922

Ion Ratio Lower Upper

43 100

72 22.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 46.930 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012680.D

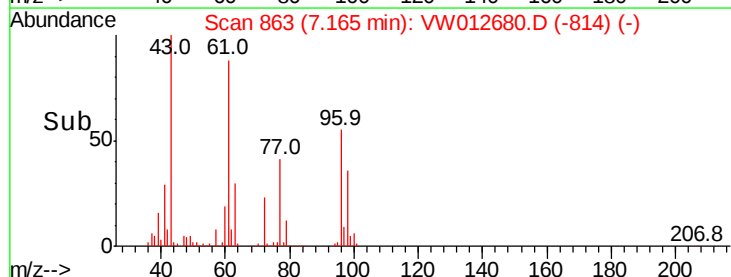
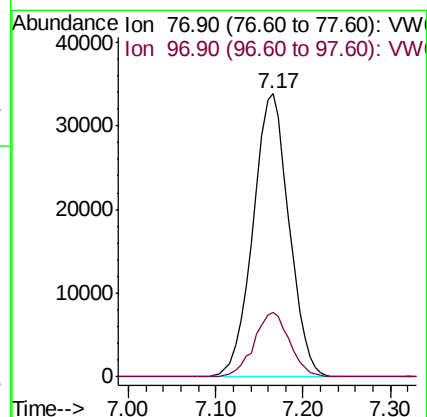
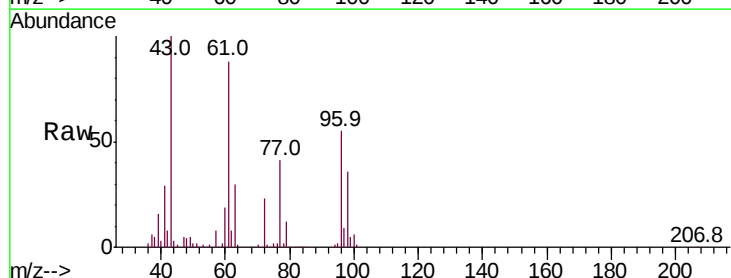
Acq: 06 Sep 2019 09:05

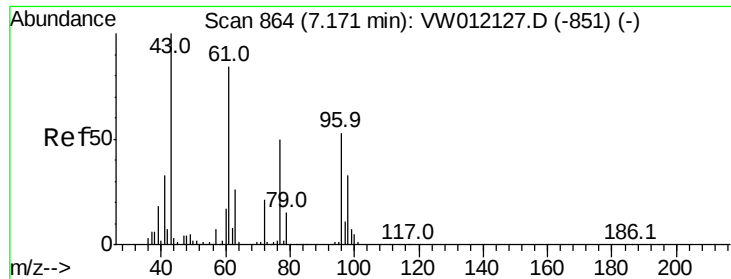
Tgt Ion: 77 Resp: 96579

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1



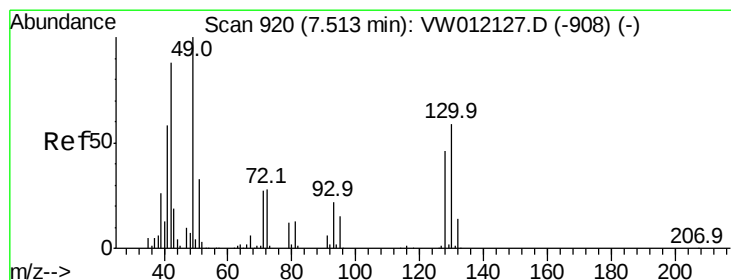
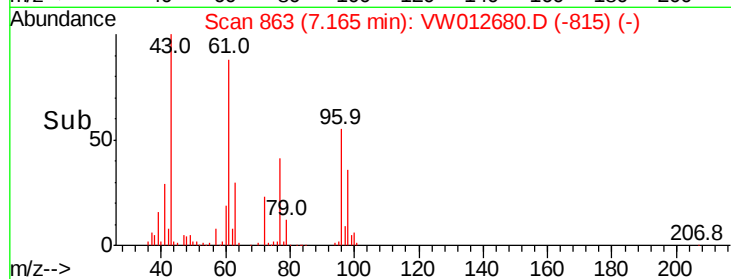
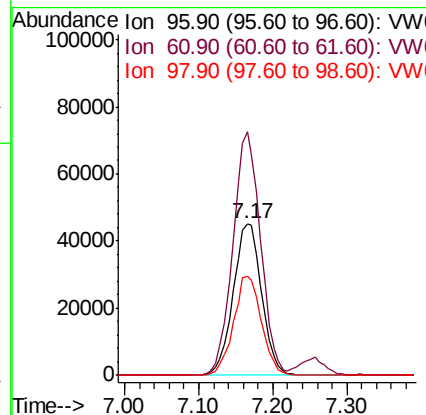
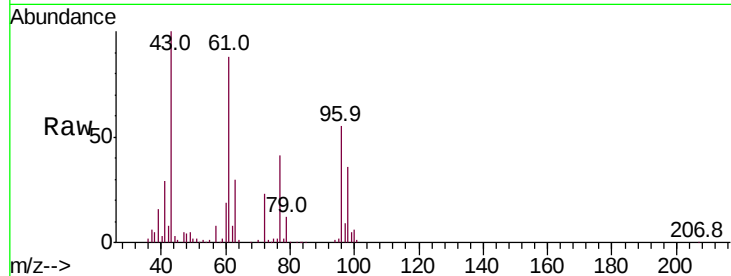


#27

cis-1,2-Dichloroethene
Concen: 62.390 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampleId :

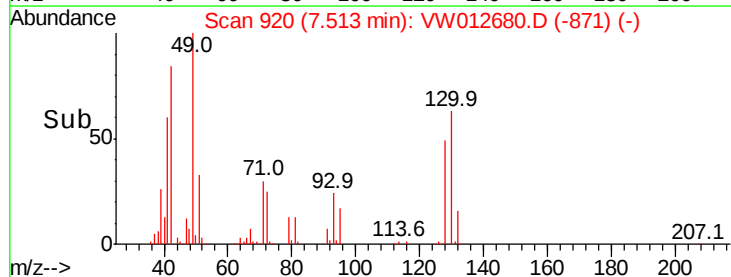
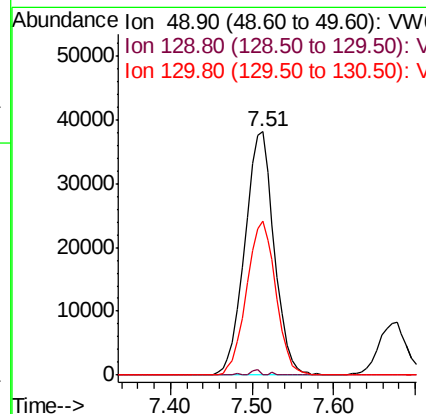
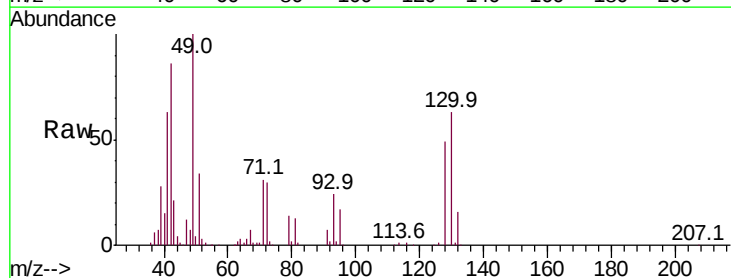
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	326.6
98	64.5	0.0	127.4

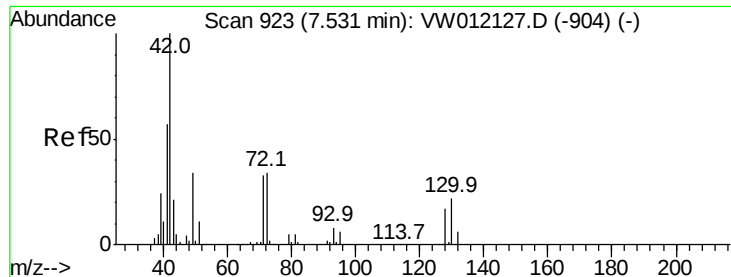


#28

Bromochloromethane
Concen: 59.947 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	63.3	45.5	68.3

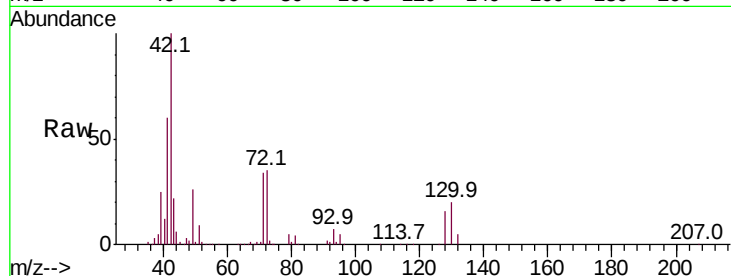




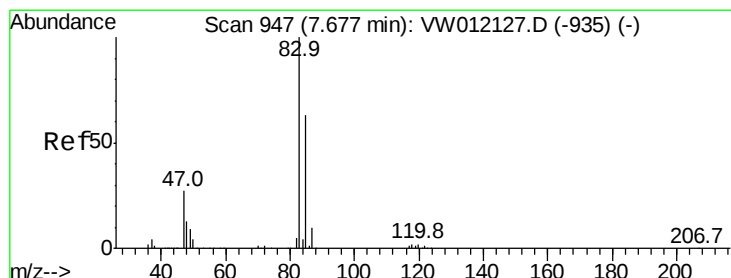
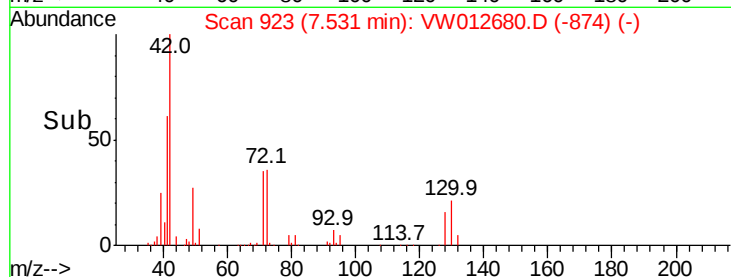
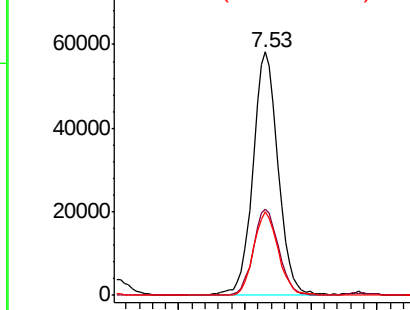
#29
Tetrahydrofuran
Concen: 372.884 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	27.3	40.9
71	33.3	25.5	38.3

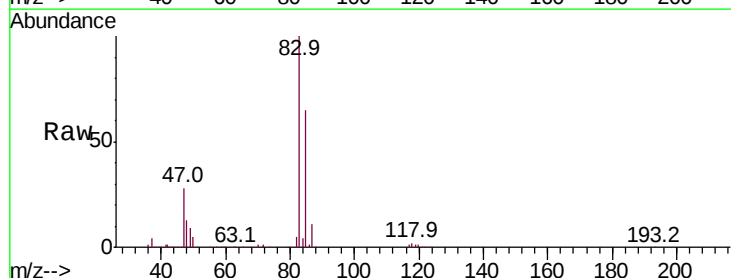


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

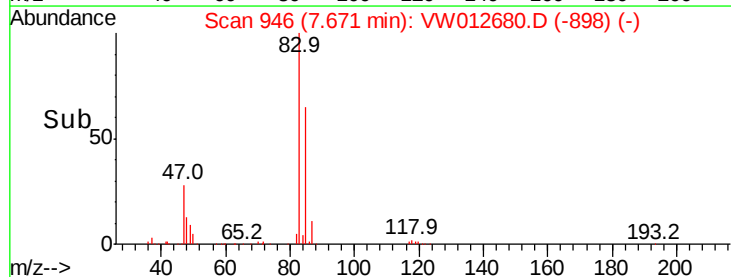
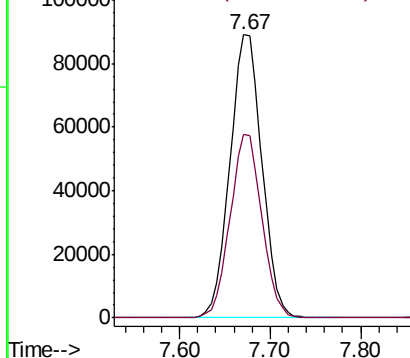


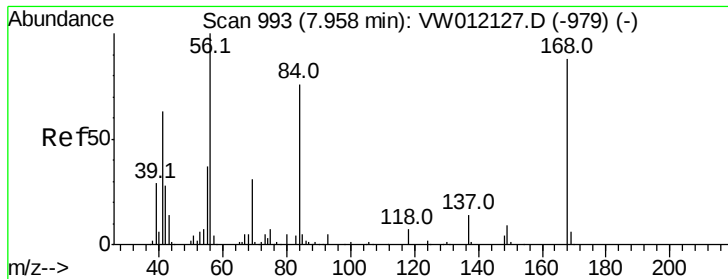
#30
Chloroform
Concen: 65.577 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	76.0



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

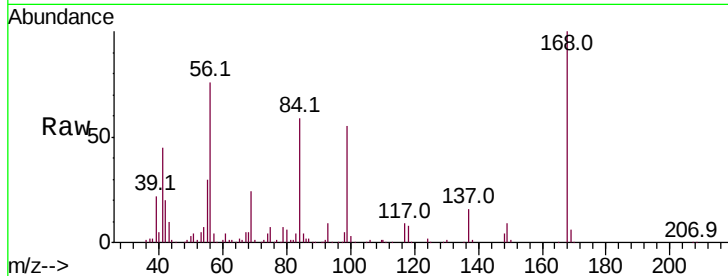




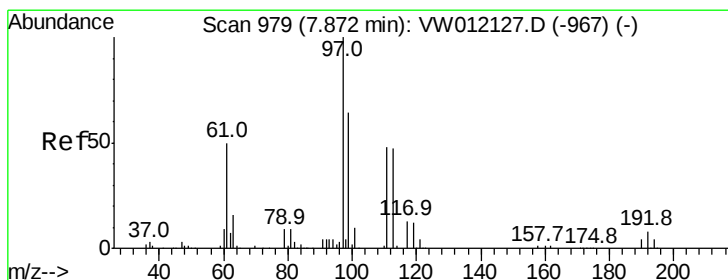
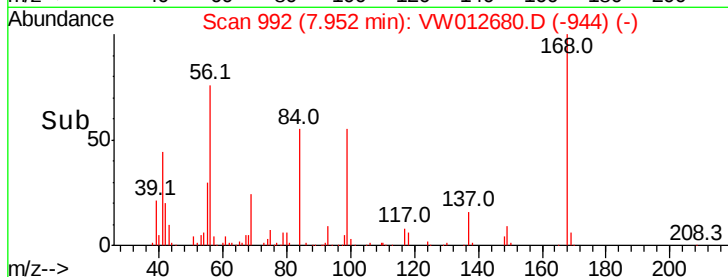
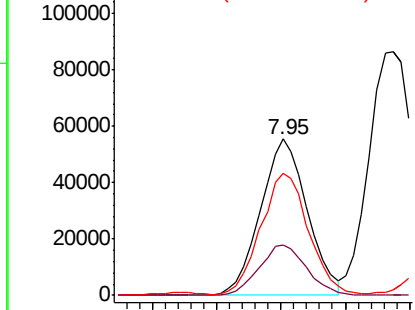
#31
Cyclohexane
Concen: 38.879 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 139856
Ion Ratio Lower Upper
56 100
69 32.3 24.9 37.3
84 76.2 60.6 90.8

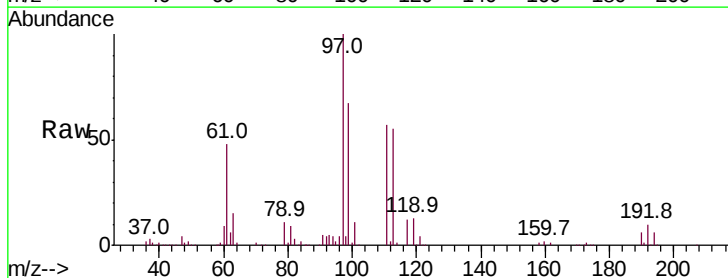


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

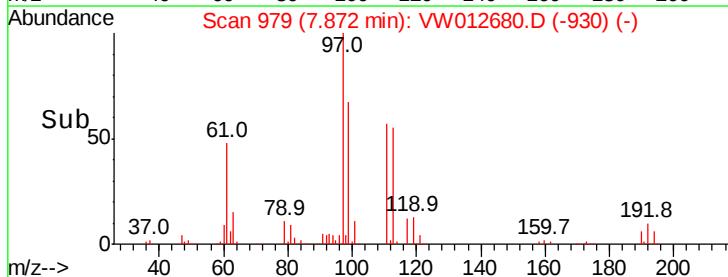
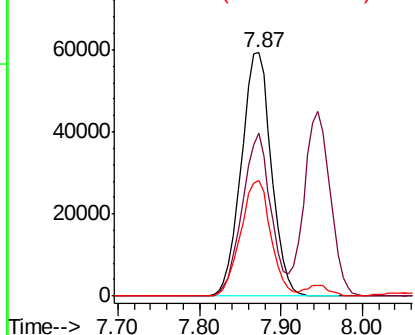


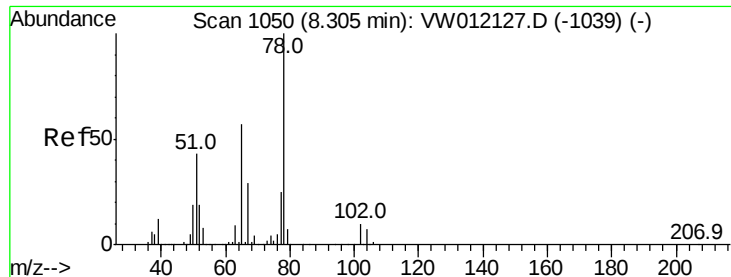
#32
1,1,1-Trichloroethane
Concen: 57.865 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion: 97 Resp: 152270
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 47.9 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

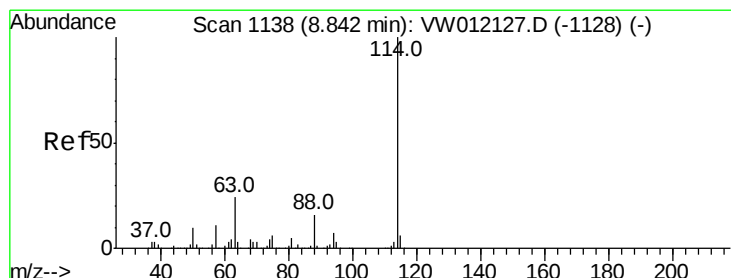
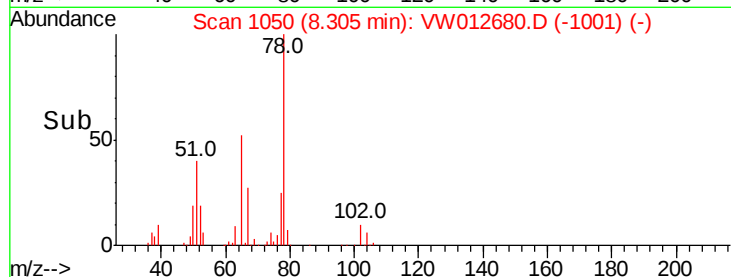
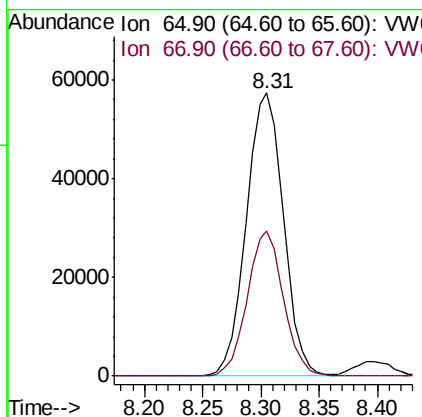
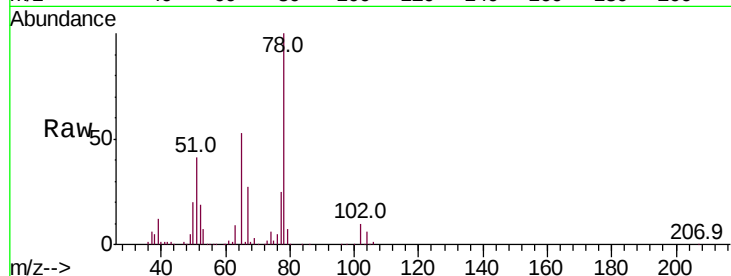




#33
 1,2-Dichloroethane-d4
 Concen: 64.028 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

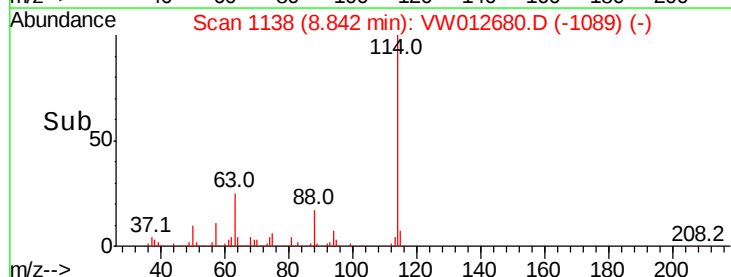
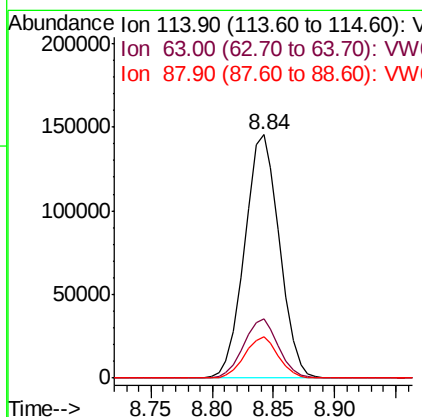
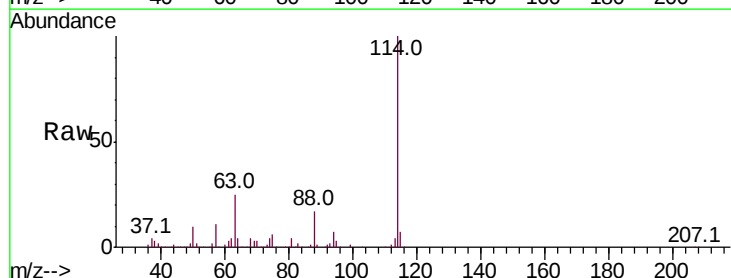
Instrument :
 MSVOA_W
 ClientSampleId :

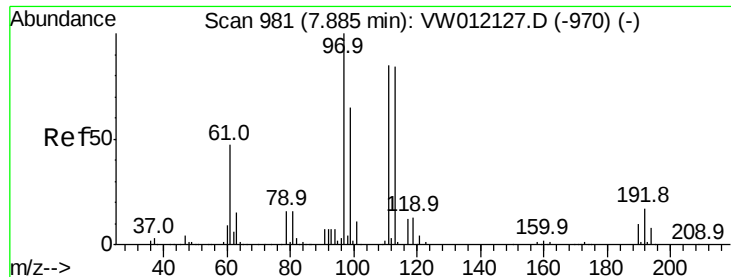
Tot Ion: 65 Resp: 127870
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion: 114 Resp: 287825
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.9 0.0 32.2

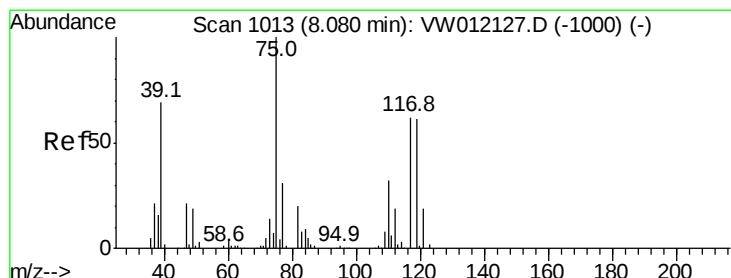
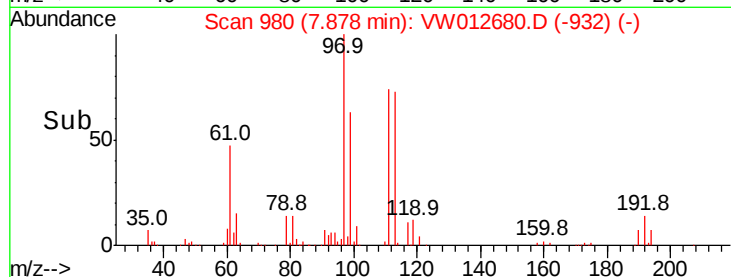
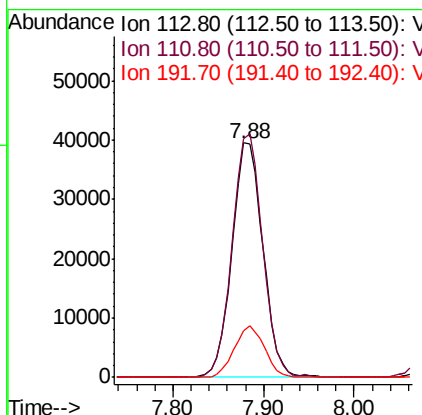
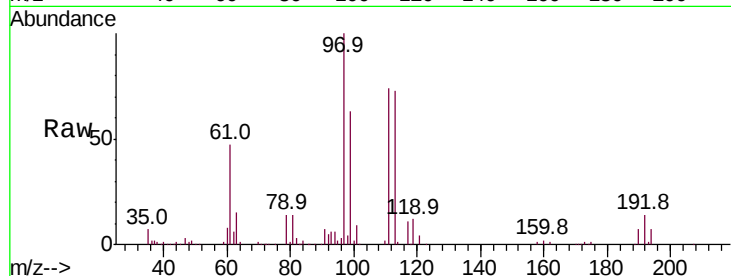




#35
 Dibromofluoromethane
 Concen: 54.956 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

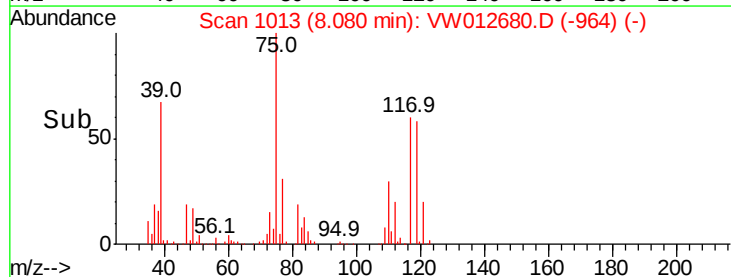
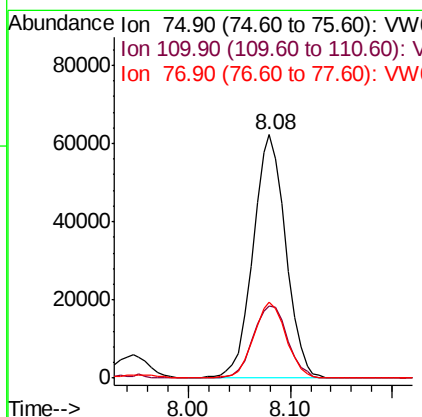
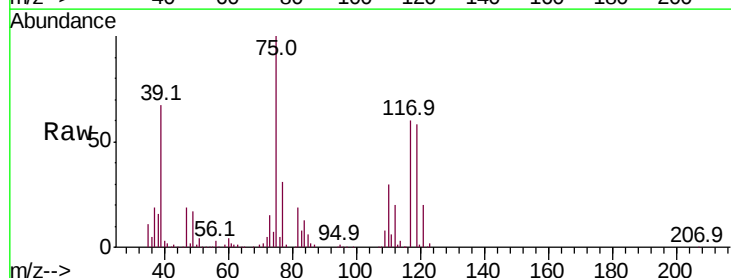
Instrument :
 MSVOA_W
 ClientSampled :

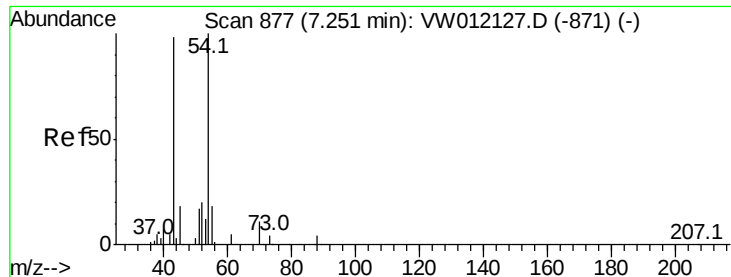
Tot Ion:113 Resp: 94417
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 21.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 46.707 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion: 75 Resp: 138921
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 31.2 24.6 36.8

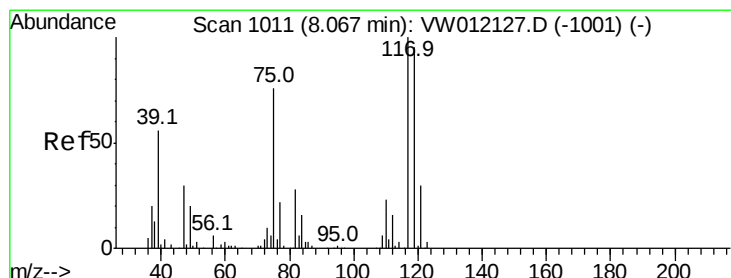
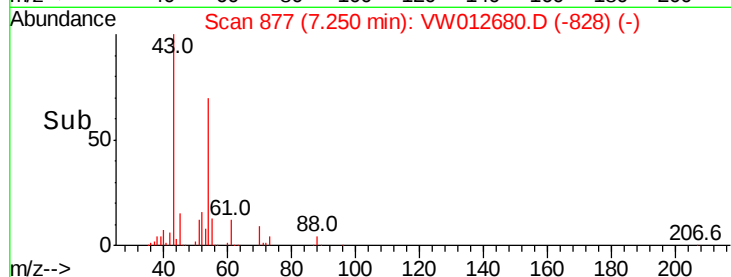
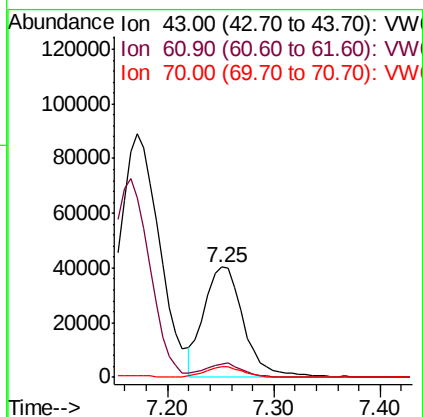
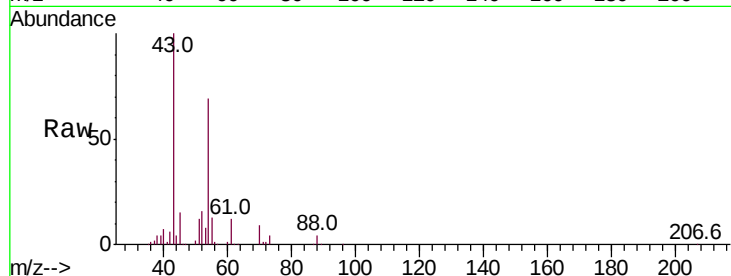




#37
Ethyl Acetate
Concen: 62.743 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

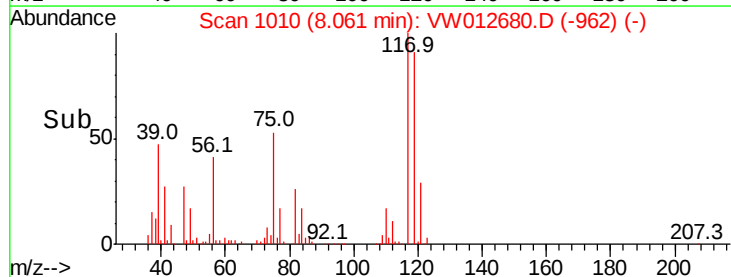
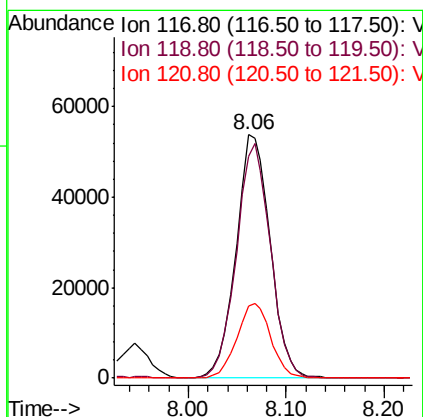
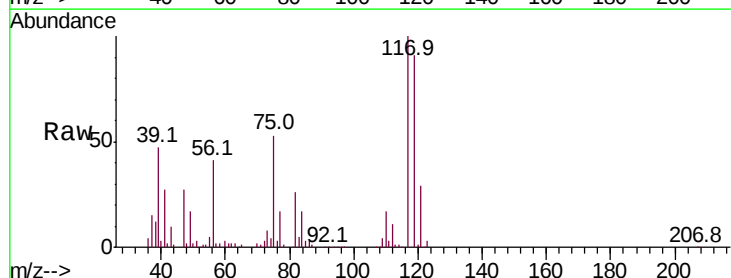
Instrument :
MSVOA_W
ClientSampled :

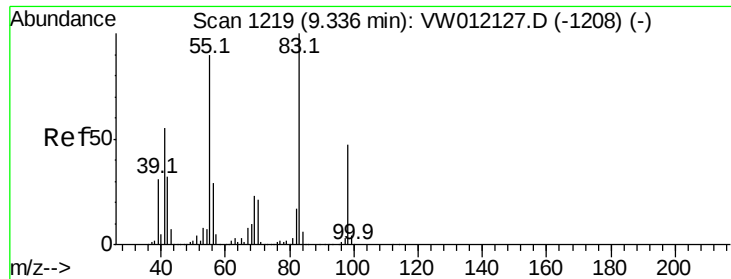
Tot Ion: 43 Resp: 102265
Ion Ratio Lower Upper
43 100
61 11.5 9.2 13.8
70 9.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 50.544 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion: 117 Resp: 130119
Ion Ratio Lower Upper
117 100
119 91.2 76.2 114.2
121 29.5 23.8 35.8

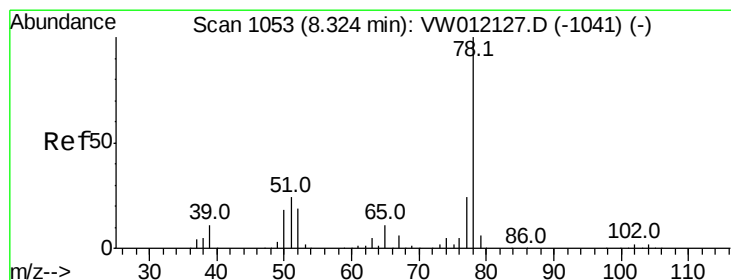
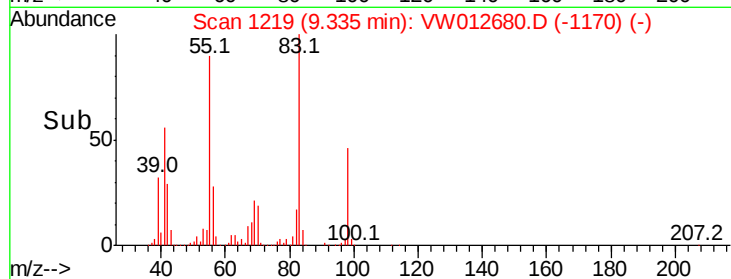
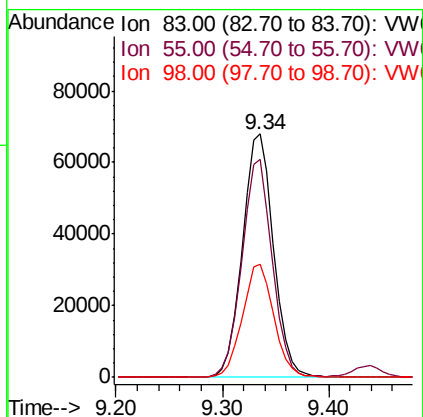
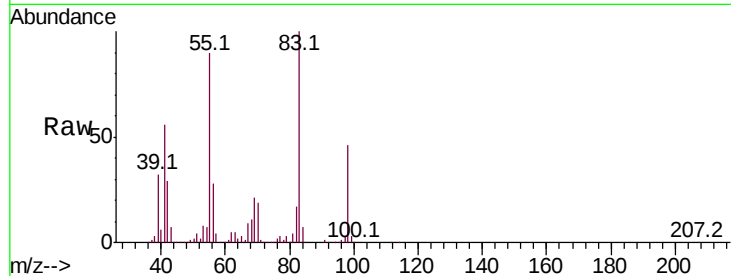




#39
Methvlcvclohexane
Concen: 41.707 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

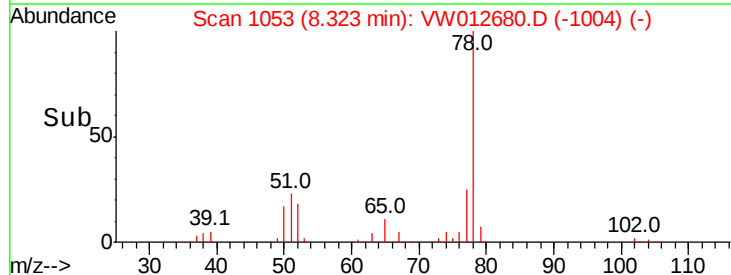
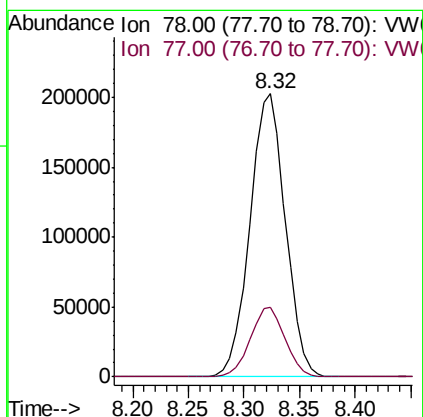
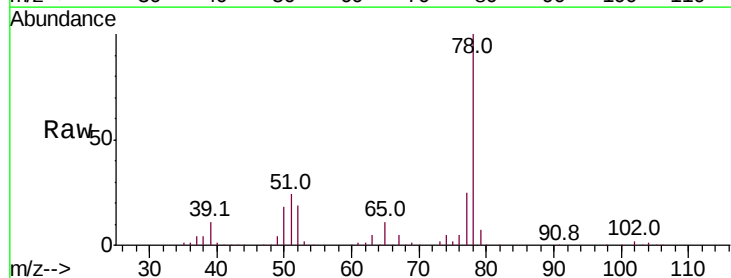
Instrument :
MSVOA_W
ClientSampleId :

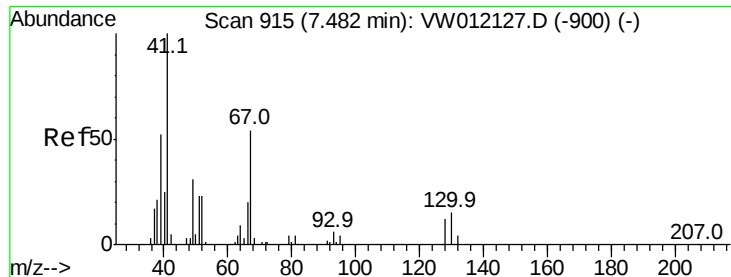
Tot Ion: 83 Resp: 139361
Ion Ratio Lower Upper
83 100
55 89.6 71.8 107.8
98 46.4 37.8 56.8



#40
Benzene
Concen: 55.235 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion: 78 Resp: 448603
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3





#41

Methacrylonitrile

Concen: 68.453 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 41 Resp: 65574

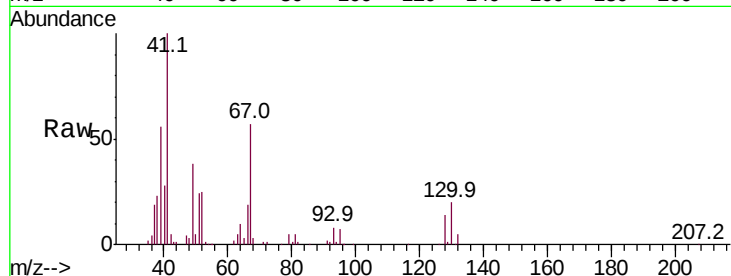
Ion Ratio Lower Upper

41 100

39 60.7 45.8 68.8

67 59.8 46.2 69.4

52 27.5 21.0 31.6



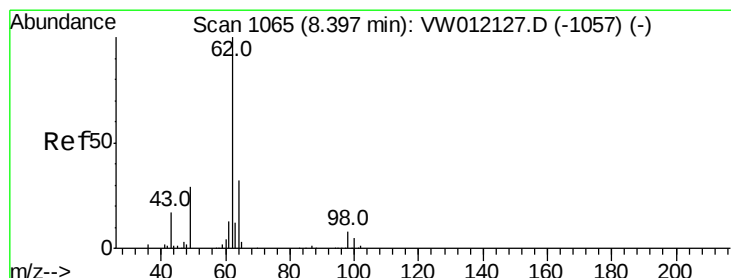
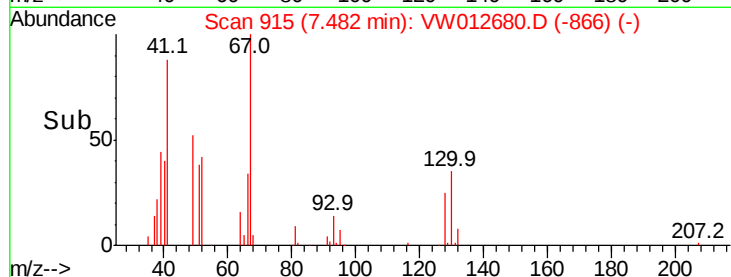
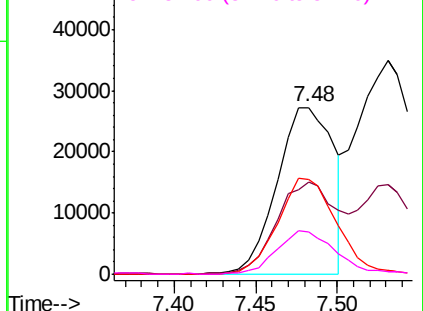
Abundance

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: 68.448 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012680.D

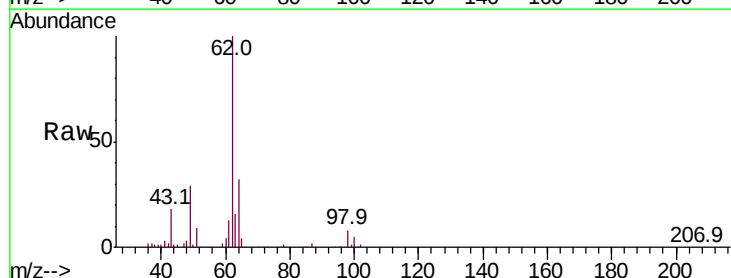
Acq: 06 Sep 2019 09:05

Tgt Ion: 62 Resp: 174227

Ion Ratio Lower Upper

62 100

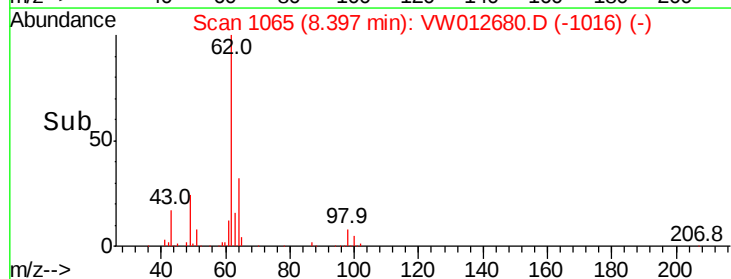
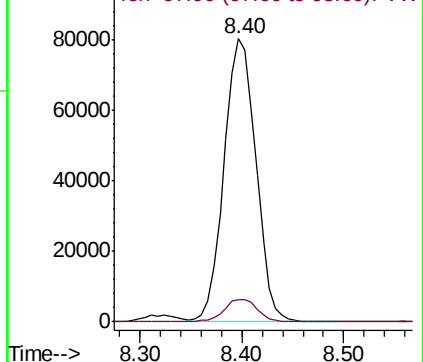
98 8.3 0.0 16.6

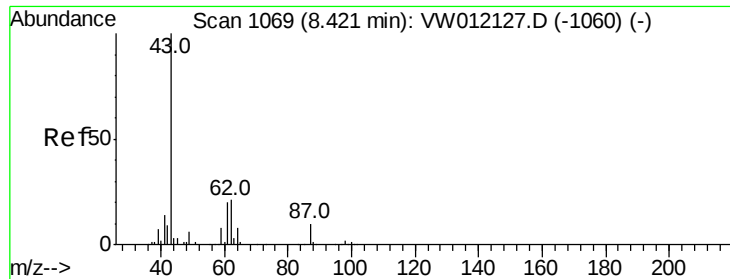


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 66.048 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

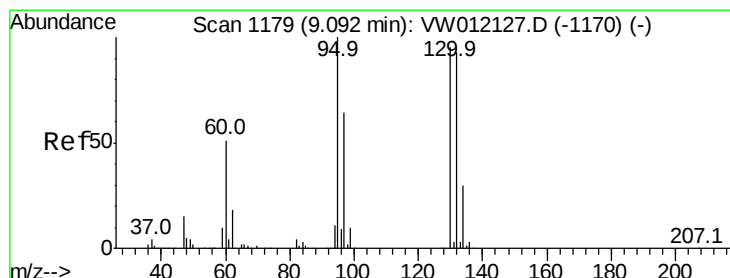
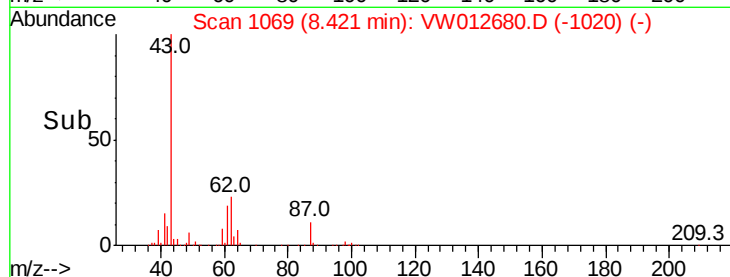
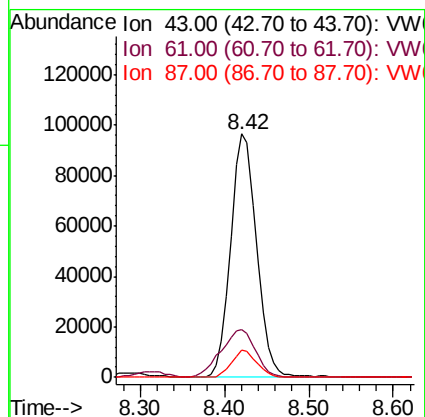
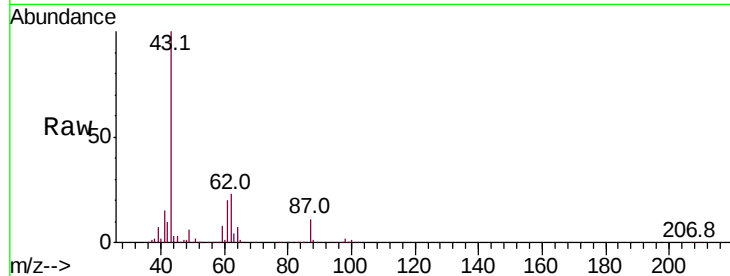
Tot Ion: 43 Resp: 199403

Ion Ratio Lower Upper

43 100

61 26.6 21.1 31.7

87 10.7 8.2 12.2



#44

Trichloroethene

Concen: 55.275 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012680.D

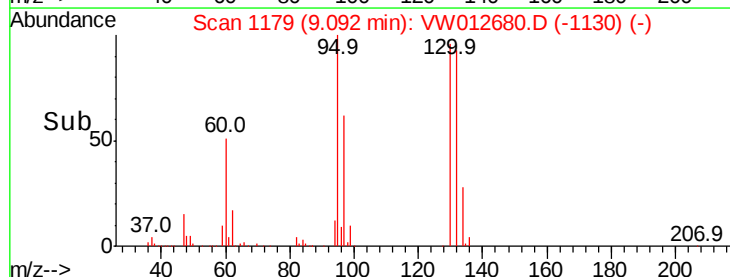
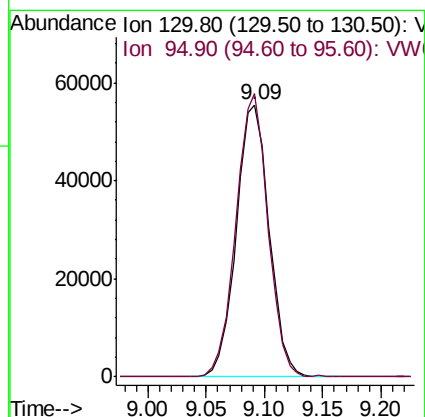
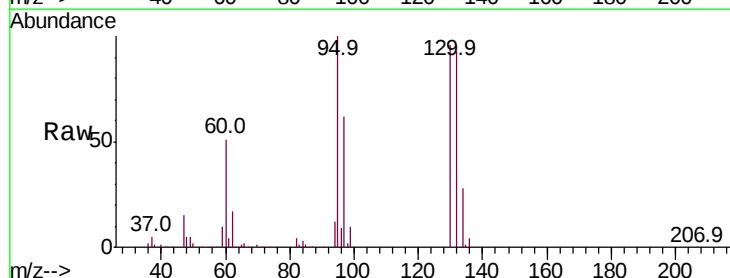
Acq: 06 Sep 2019 09:05

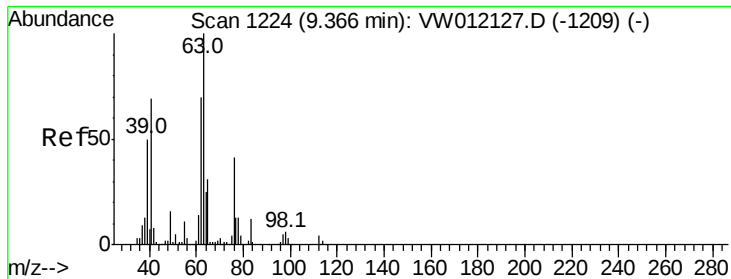
Tgt Ion: 130 Resp: 109132

Ion Ratio Lower Upper

130 100

95 104.1 0.0 210.6





#45

1,2-Dichloropropane

Concen: 58.218 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

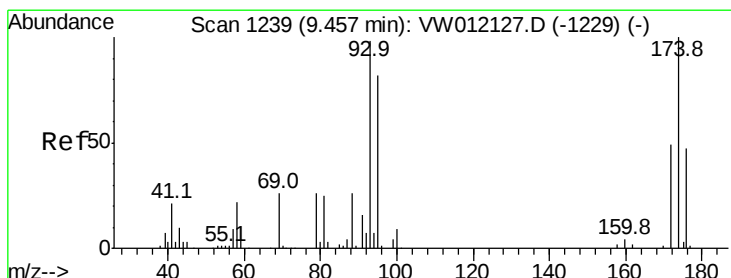
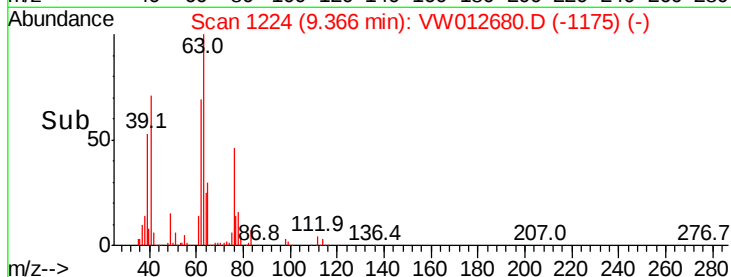
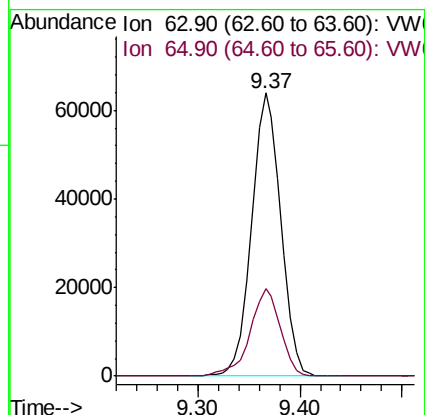
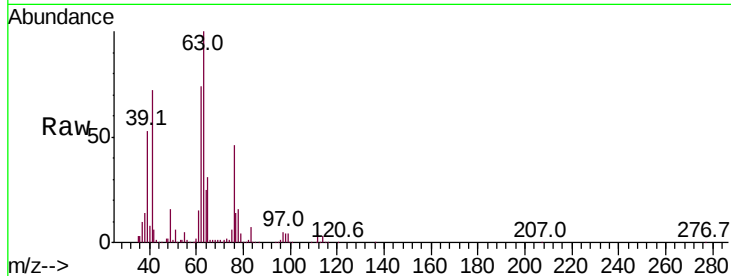
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 127252

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.4



#46

Dibromomethane

Concen: 67.198 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

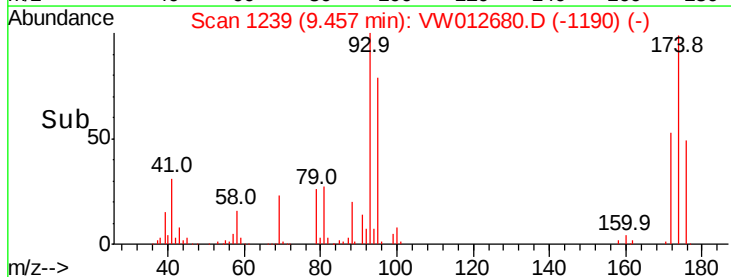
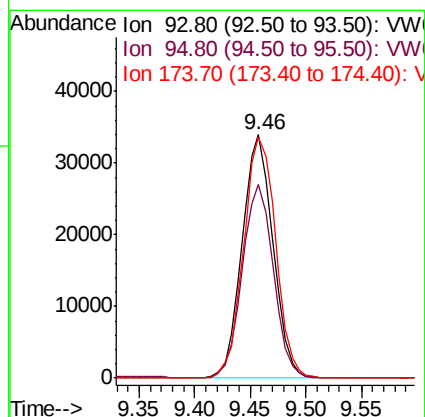
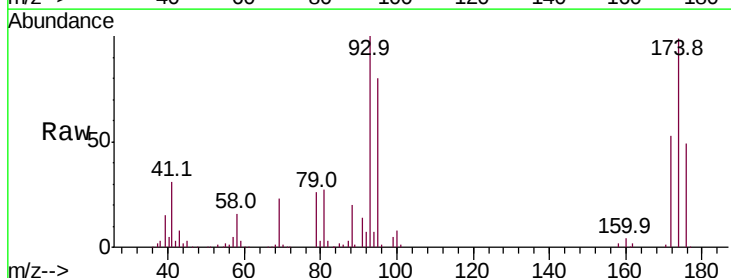
Tgt Ion: 93 Resp: 65351

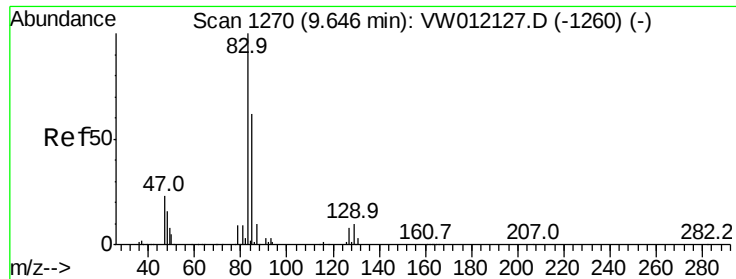
Ion Ratio Lower Upper

93 100

95 80.7 67.2 100.8

174 103.4 79.0 118.6





#47

Bromodichloromethane

Concen: 65.535 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampleId :

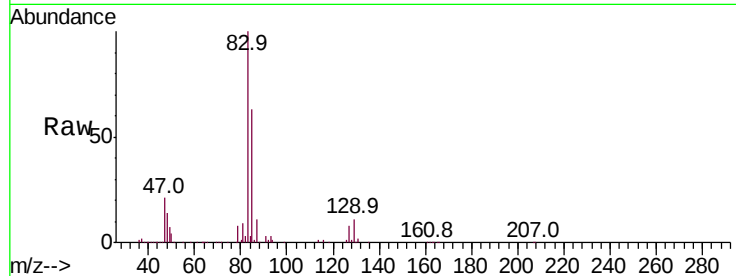
Tot Ion: 83 Resp: 169623

Ion Ratio Lower Upper

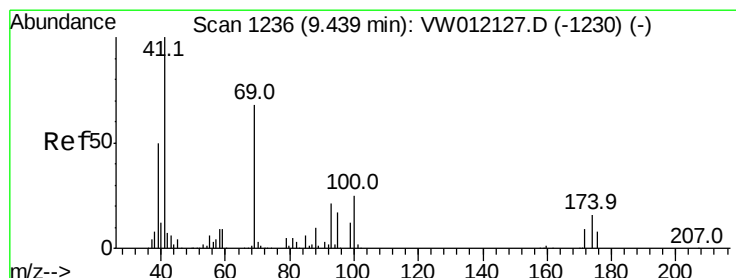
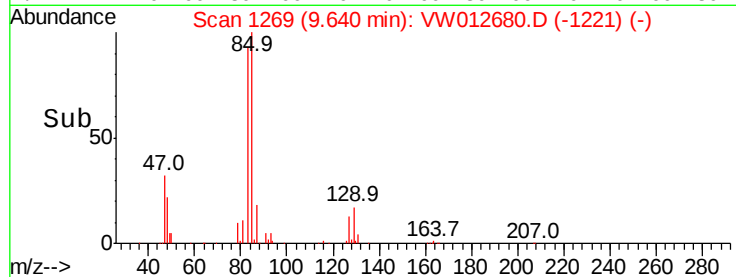
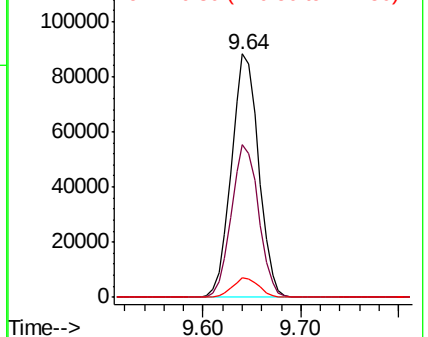
83 100

85 62.7 49.4 74.2

127 8.1 6.1 9.1



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



#48

Methyl methacrylate

Concen: 74.661 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

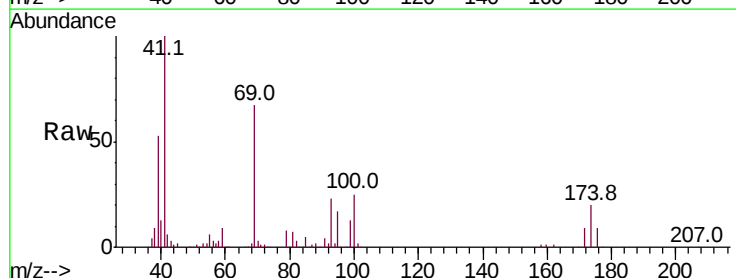
Tgt Ion: 41 Resp: 107282

Ion Ratio Lower Upper

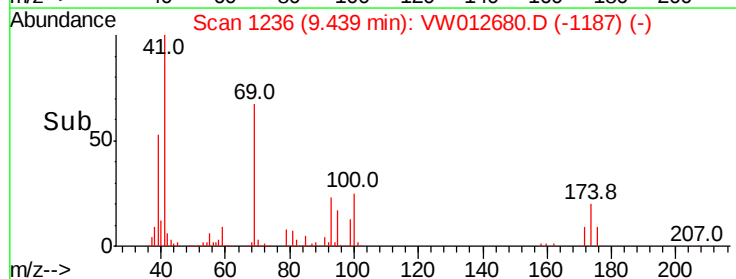
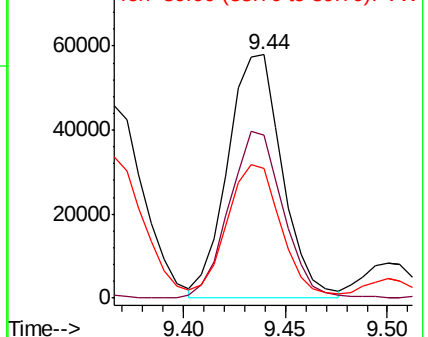
41 100

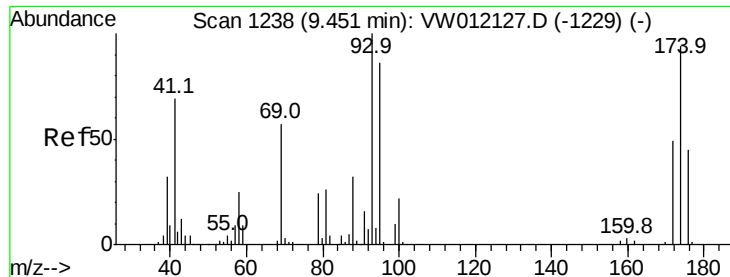
69 67.6 56.7 85.1

39 54.7 42.0 63.0



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





#49

1,4-Dioxane

Concen: 1402.594 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

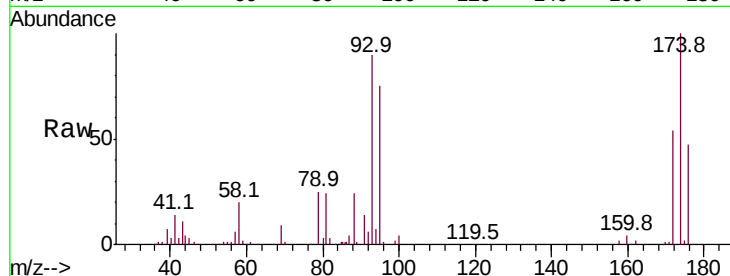
Tot Ion: 88 Resp: 20882

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

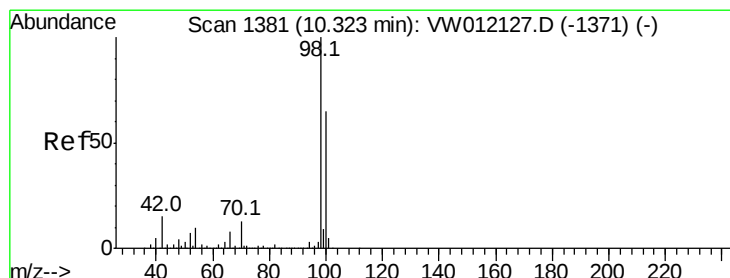
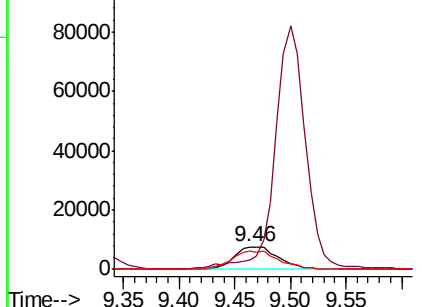
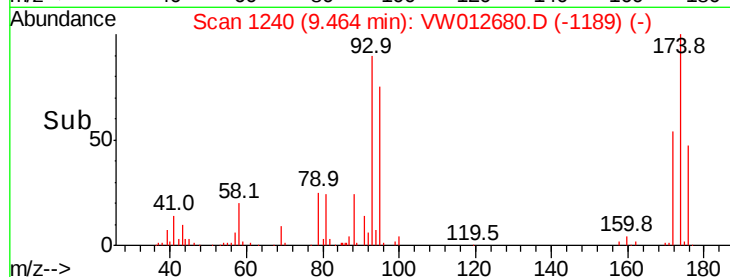
58 88.1 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.526 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012680.D

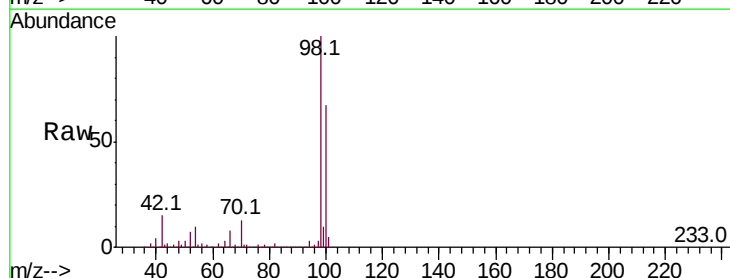
Acq: 06 Sep 2019 09:05

Tgt Ion: 98 Resp: 345006

Ion Ratio Lower Upper

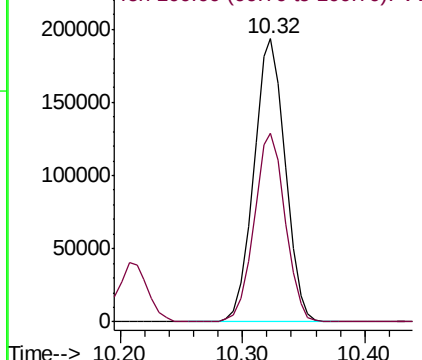
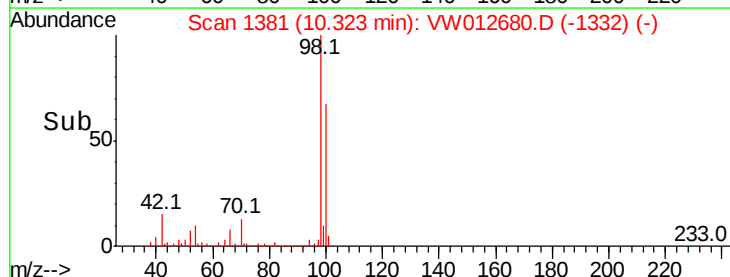
98 100

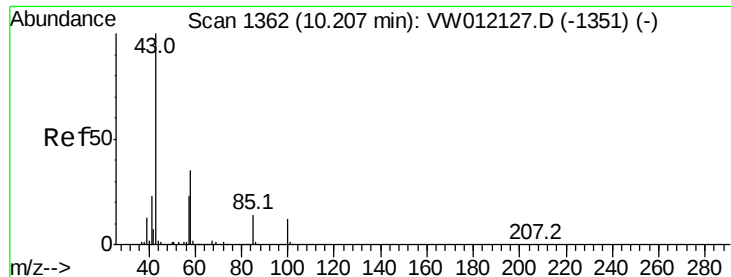
100 66.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 357.747 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

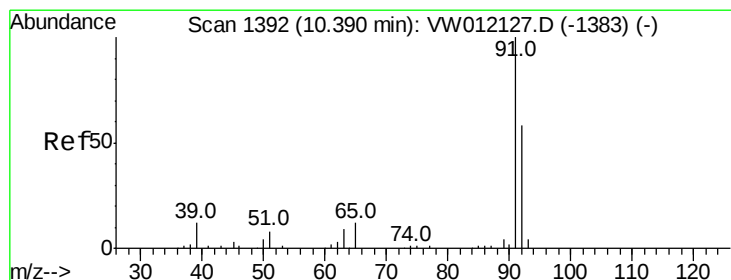
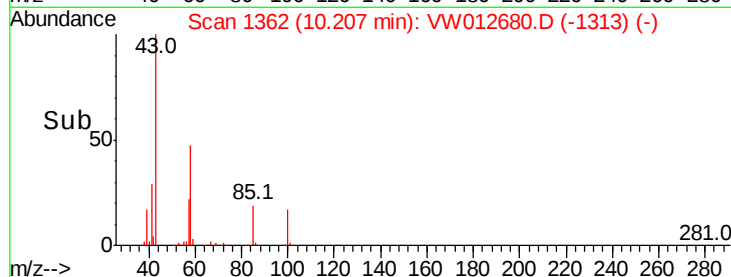
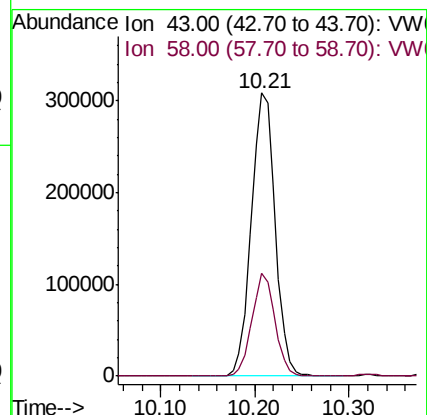
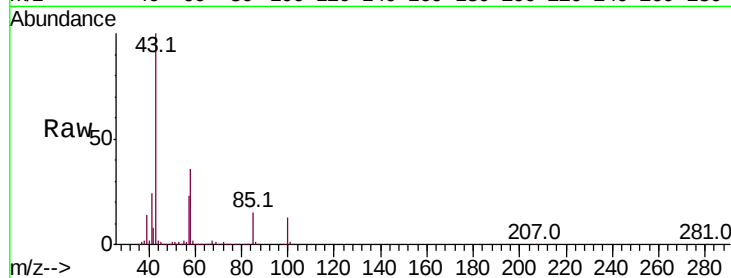
ClientSampleId :

Tot Ion: 43 Resp: 549354

Ion Ratio Lower Upper

43 100

58 34.9 28.2 42.2



#52

Toluene

Concen: 56.884 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012680.D

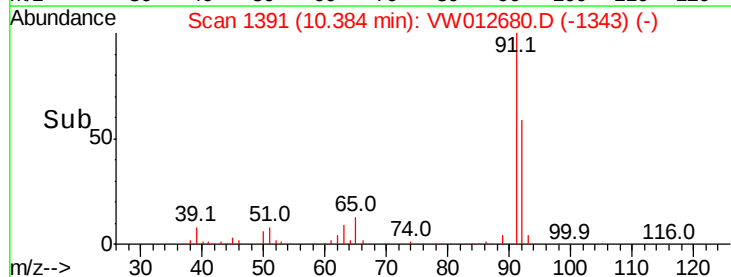
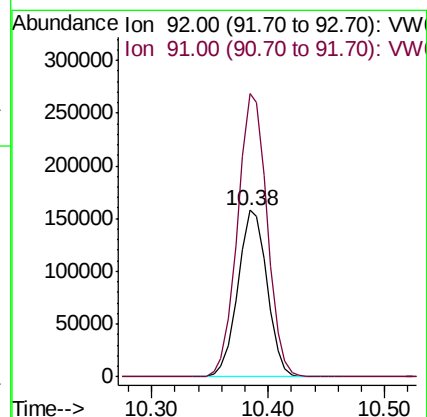
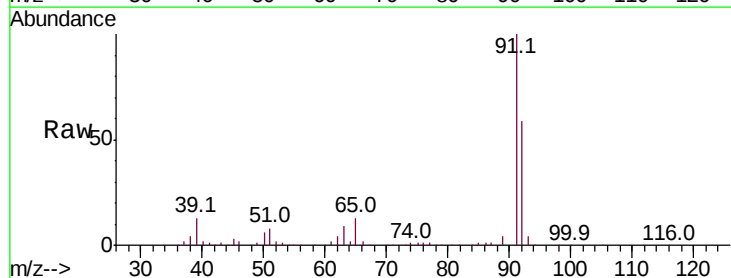
Acq: 06 Sep 2019 09:05

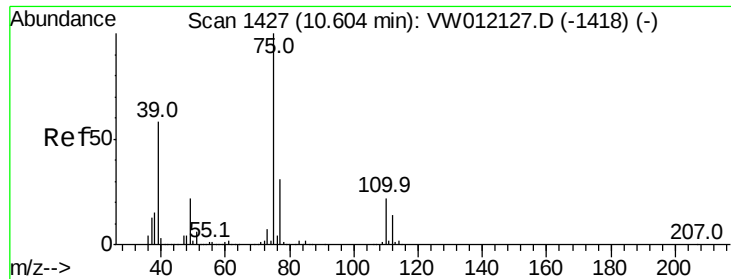
Tgt Ion: 92 Resp: 277540

Ion Ratio Lower Upper

92 100

91 170.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 64.048 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

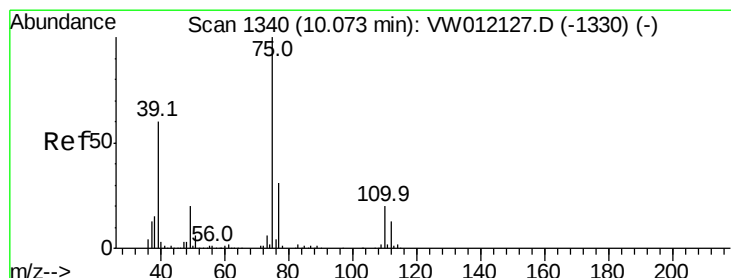
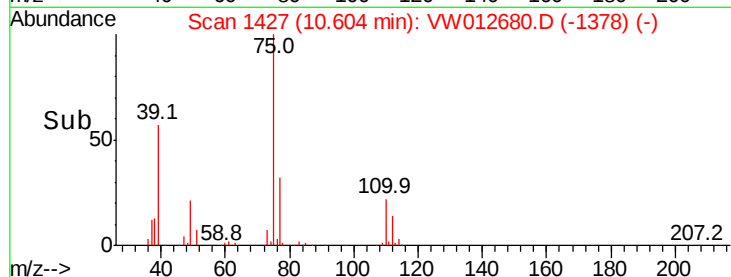
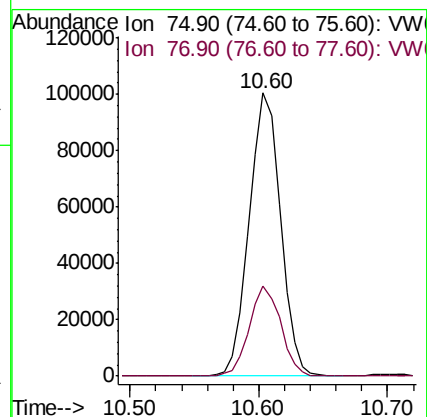
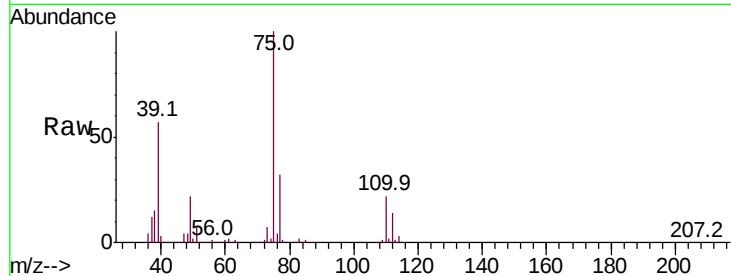
ClientSampleId :

Tot Ion: 75 Resp: 168862

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 59.354 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

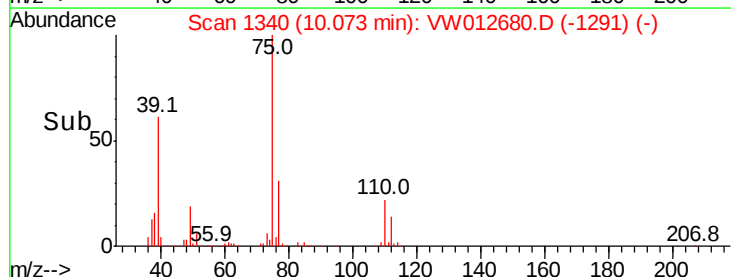
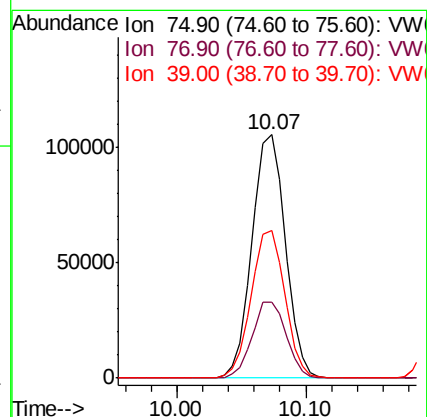
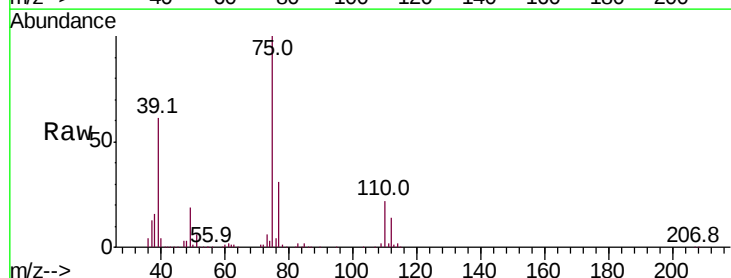
Tgt Ion: 75 Resp: 188949

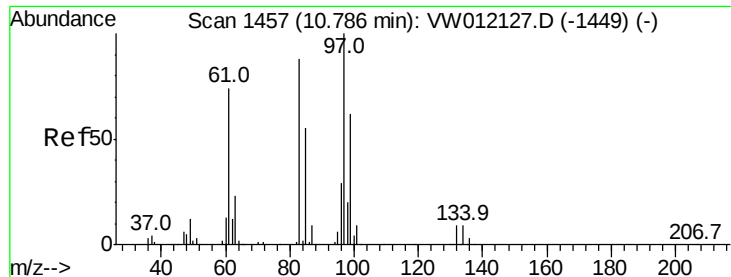
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 60.5 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 68.137 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 93755

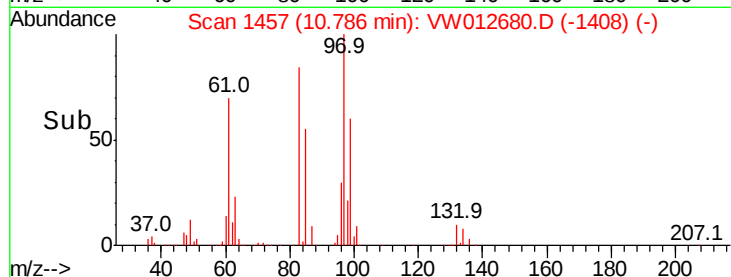
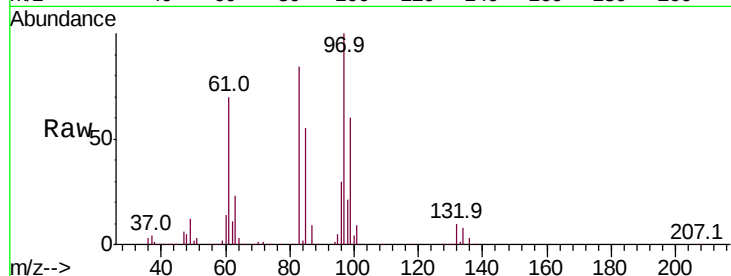
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.8	106.2
85	54.5	43.8	65.8
99	59.9	49.8	74.6

97 100

83 83.8 70.8 106.2

85 54.5 43.8 65.8

99 59.9 49.8 74.6



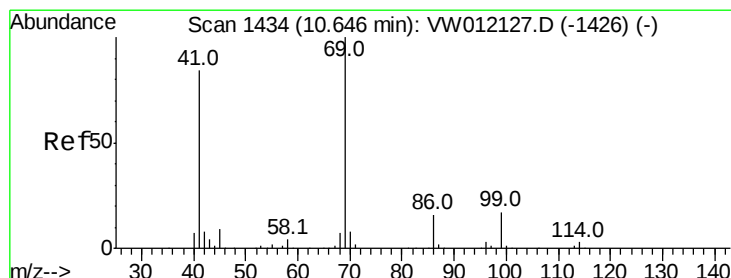
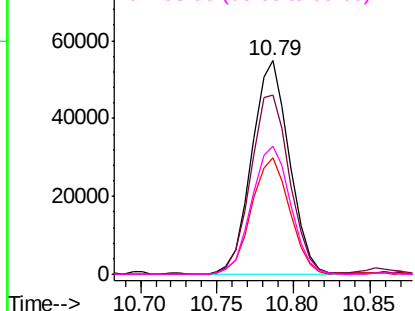
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 71.070 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

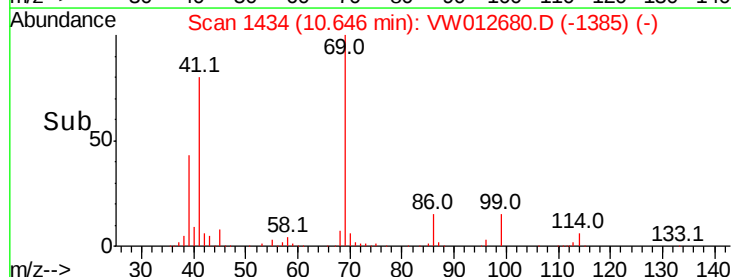
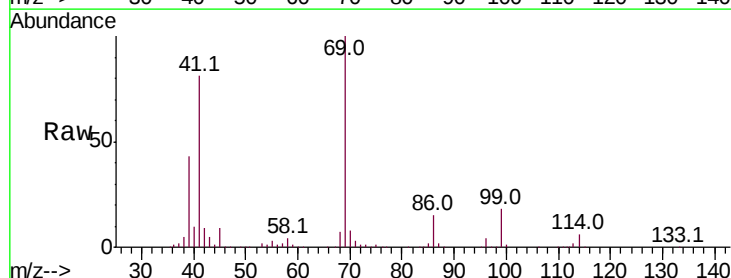
Tgt Ion: 69 Resp: 142326

Ion	Ratio	Lower	Upper
69	100		
41	82.0	66.5	99.7
39	38.4	31.0	46.4

69 100

41 82.0 66.5 99.7

39 38.4 31.0 46.4

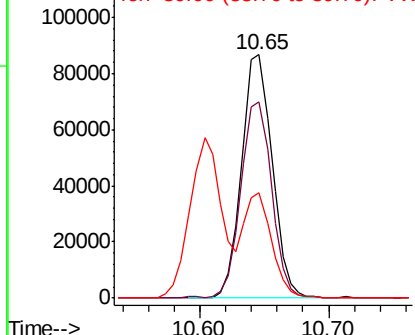


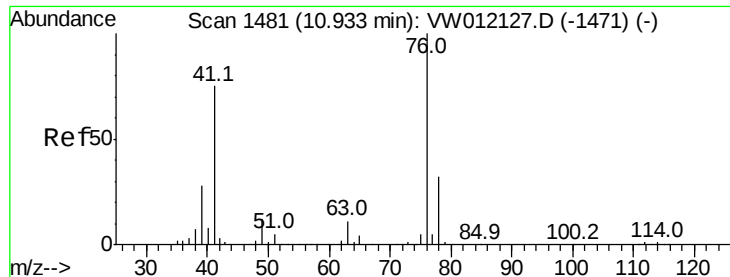
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 63.327 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

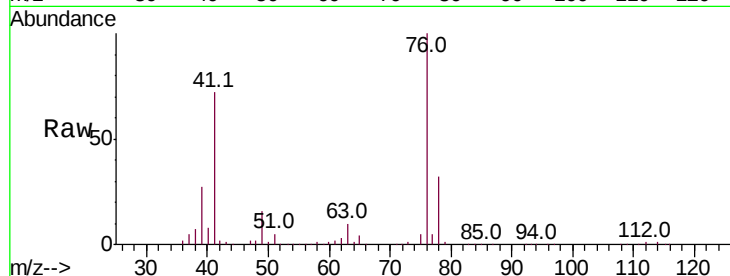
ClientSampled :

Tot Ion: 76 Resp: 164667

Ion Ratio Lower Upper

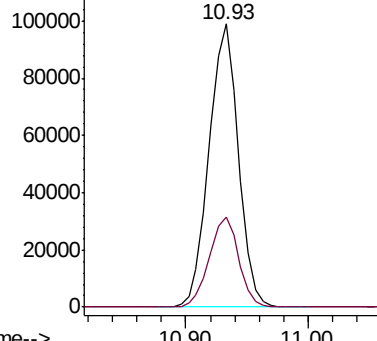
76 100

78 32.0 25.8 38.8

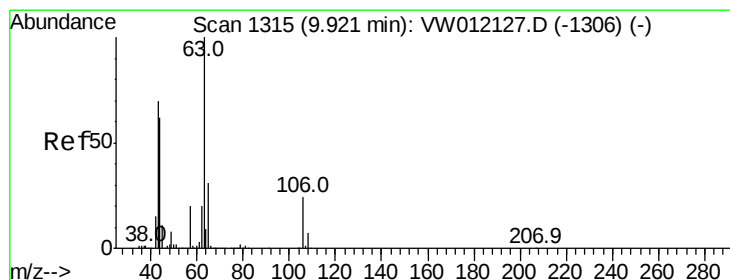
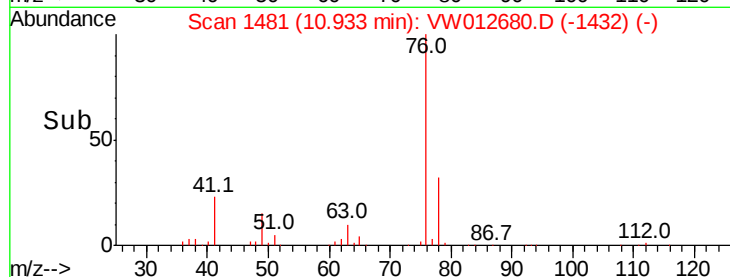


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 323.576 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012680.D

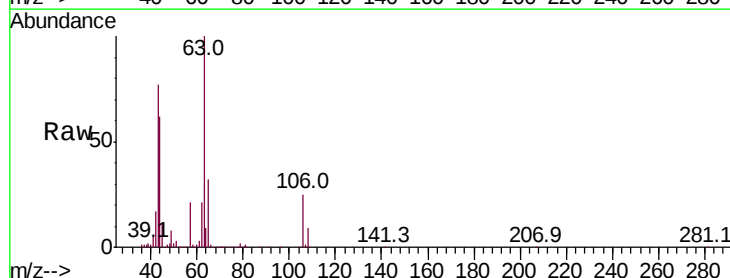
Acq: 06 Sep 2019 09:05

Tgt Ion: 63 Resp: 332568

Ion Ratio Lower Upper

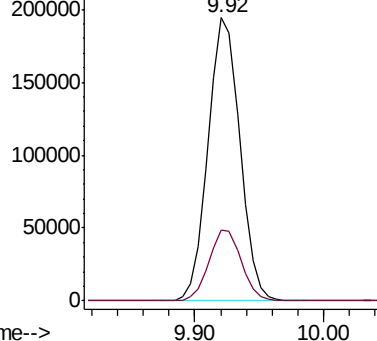
63 100

106 25.4 19.8 29.8

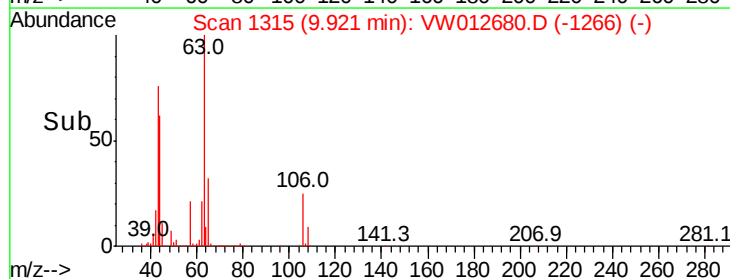


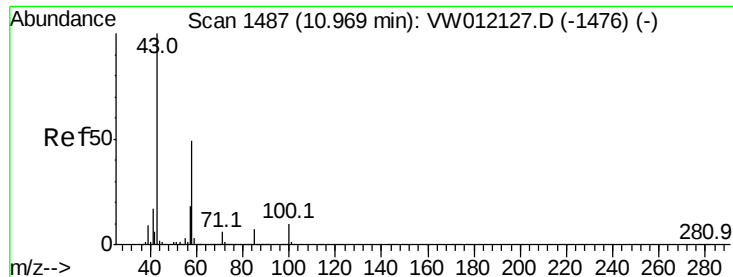
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V



Time-->

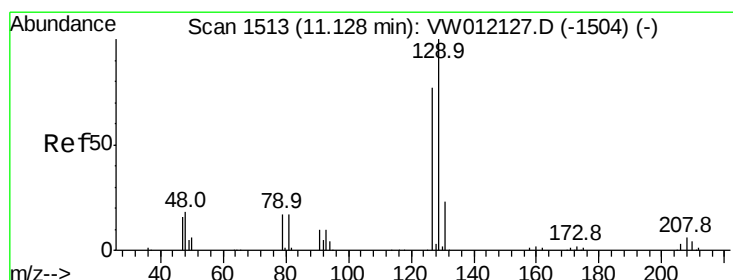
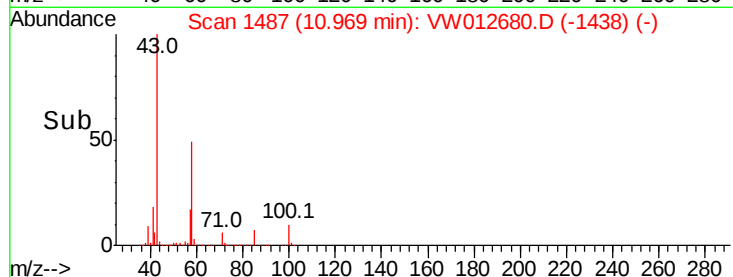
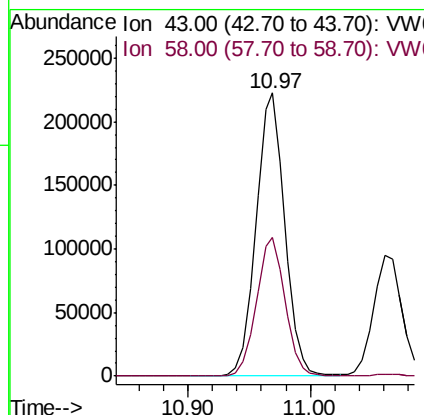
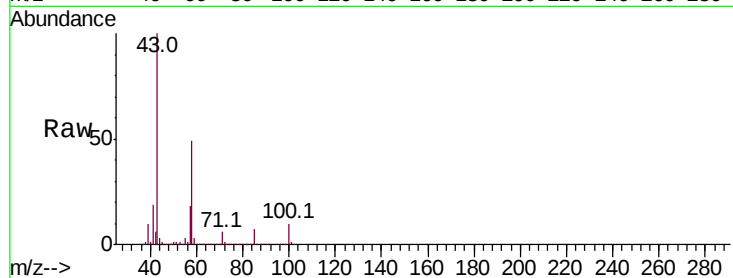




#59
2-Hexanone
Concen: 334.445 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

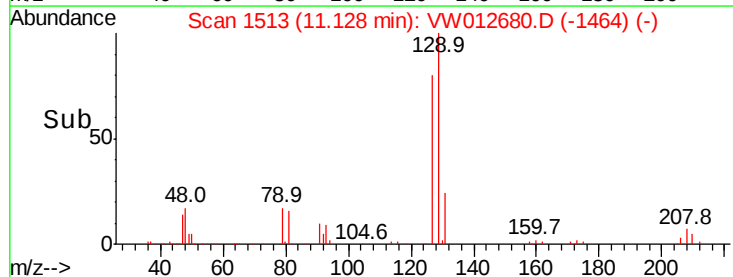
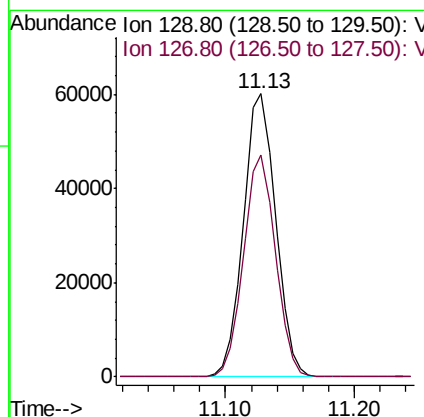
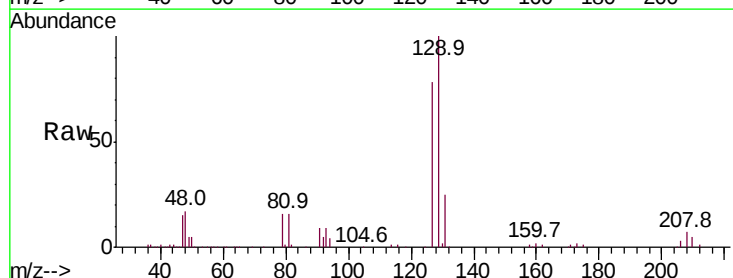
Instrument :
MSVOA_W
ClientSampled :

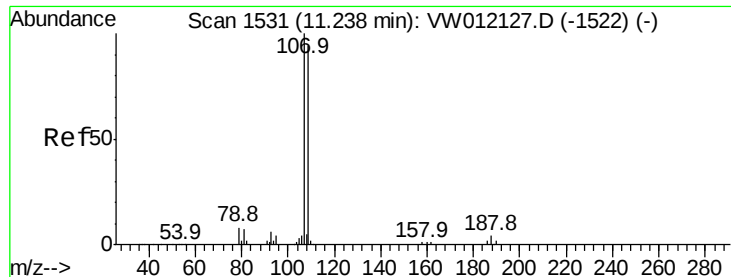
Tot Ion: 43 Resp: 363385
Ion Ratio Lower Upper
43 100
58 48.9 24.3 72.9



#60
Dibromochloromethane
Concen: 67.962 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion: 129 Resp: 104160
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 66.965 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

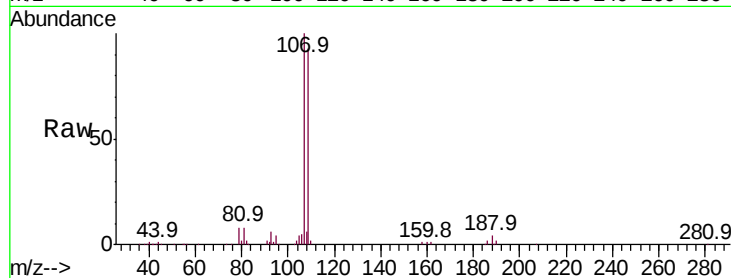
ClientSampled :

Tot Ion:107 Resp: 85843

Ion Ratio Lower Upper

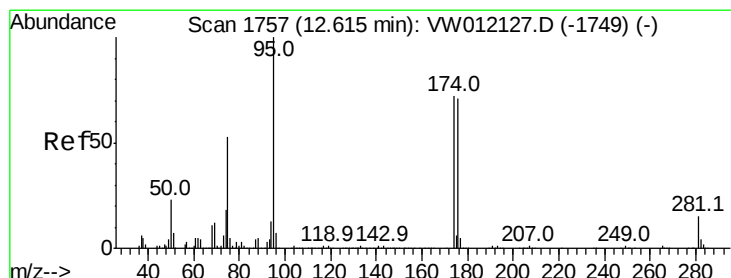
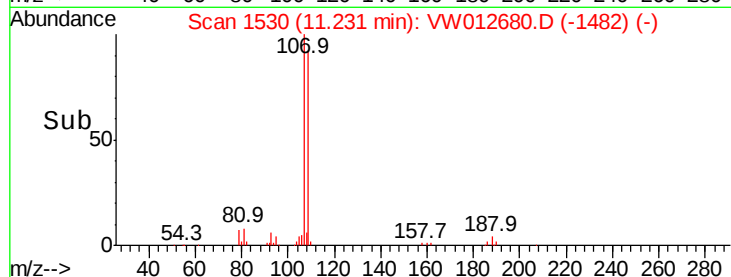
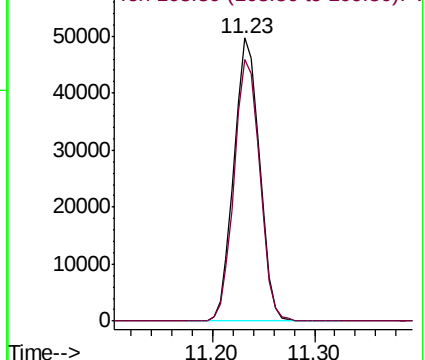
107 100

109 93.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.265 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

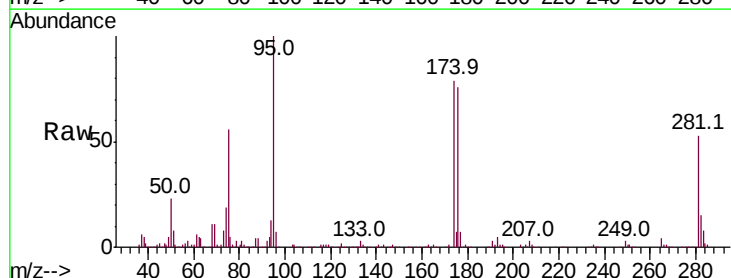
Tgt Ion: 95 Resp: 130796

Ion Ratio Lower Upper

95 100

174 81.9 0.0 150.8

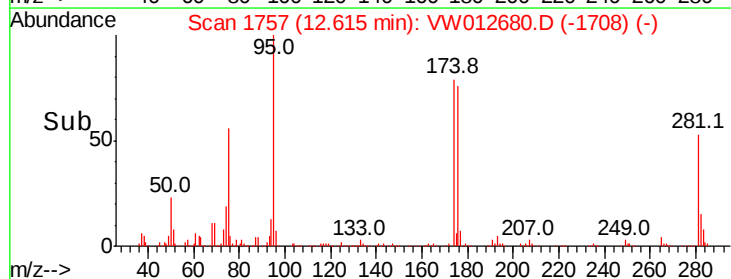
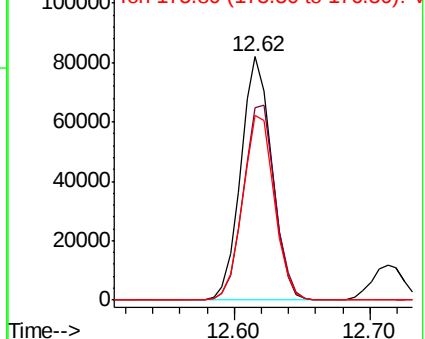
176 77.5 0.0 148.6

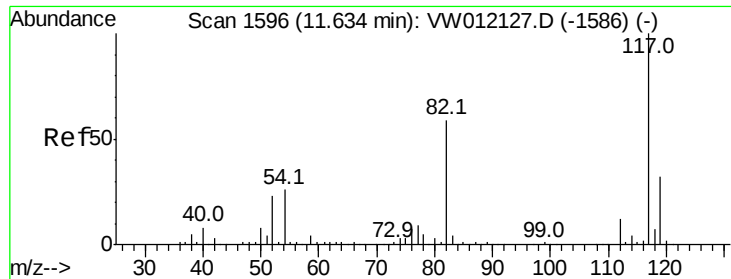


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

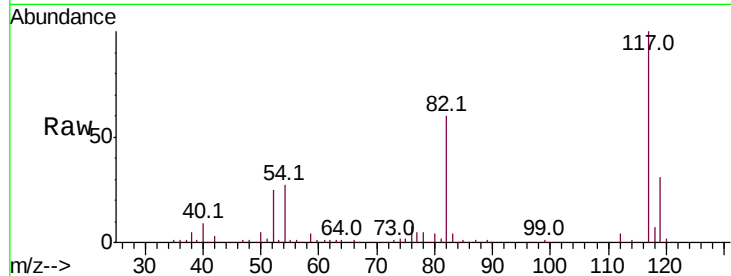




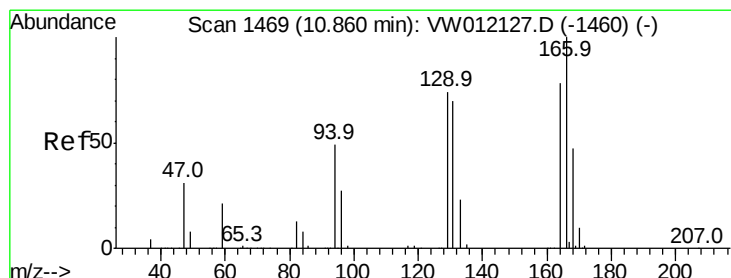
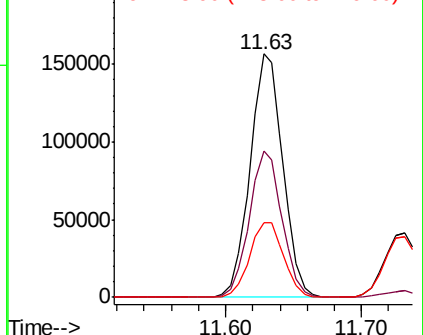
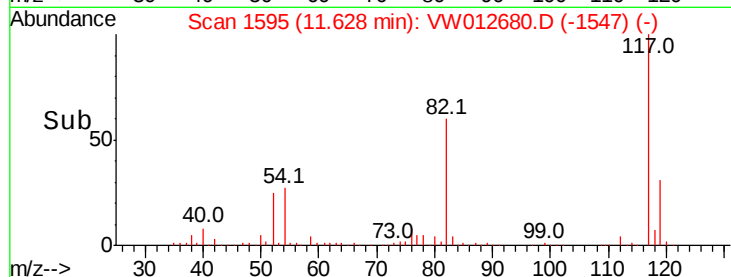
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 264555
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 30.6 25.4 38.2

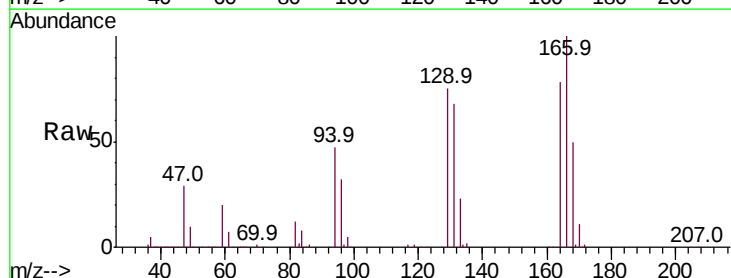


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

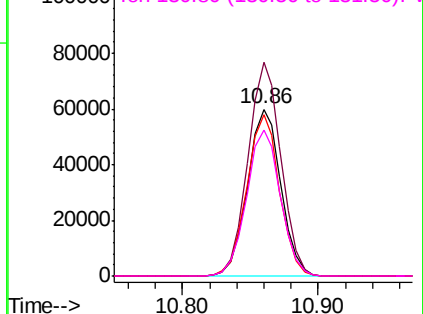
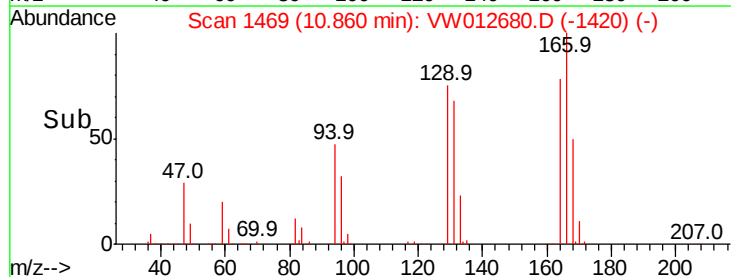


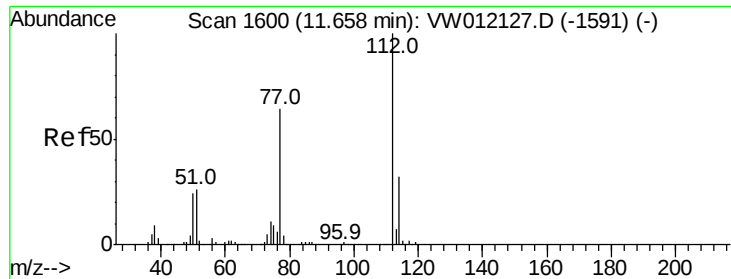
#64
Tetrachloroethene
Concen: 59.879 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion:164 Resp: 102703
Ion Ratio Lower Upper
164 100
166 128.1 102.4 153.6
129 96.5 75.8 113.6
131 87.4 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

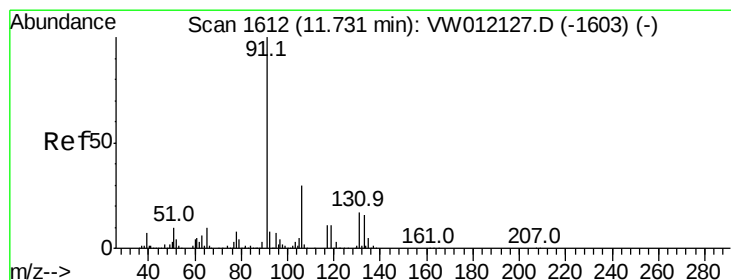
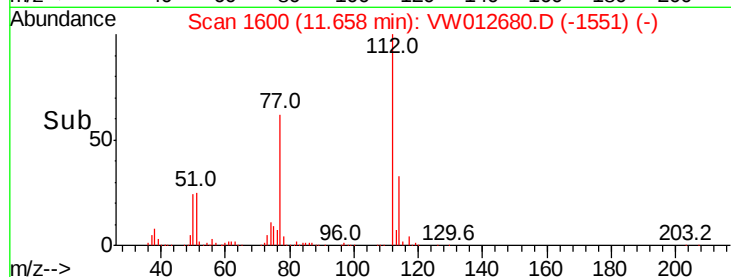
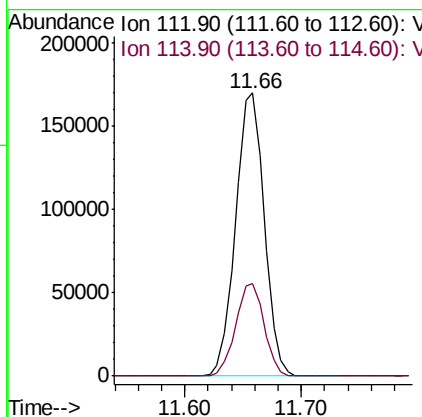
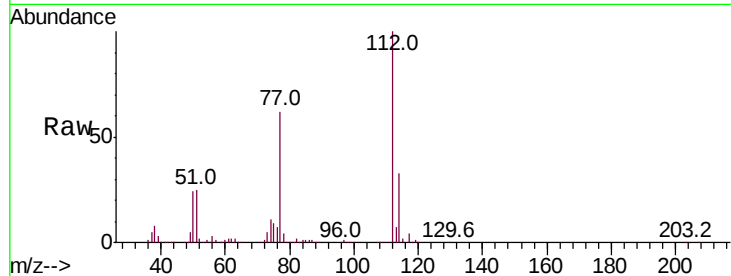




#65
Chlorobenzene
Concen: 56.028 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

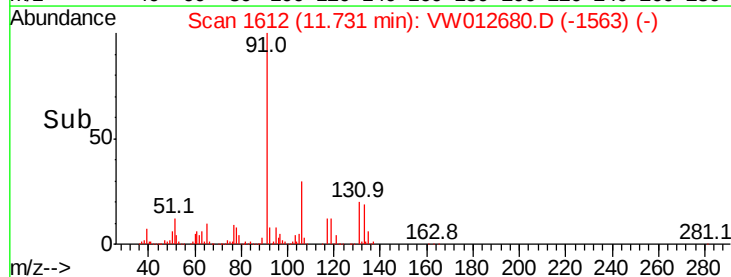
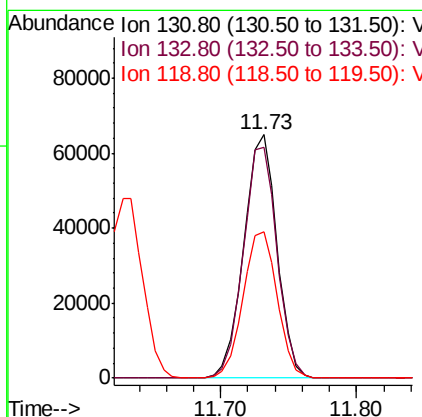
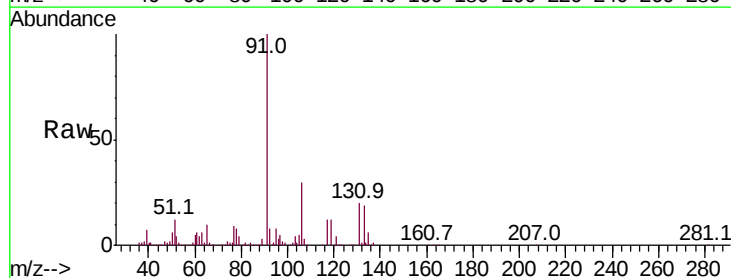
Instrument :
MSVOA_W
ClientSampleId :

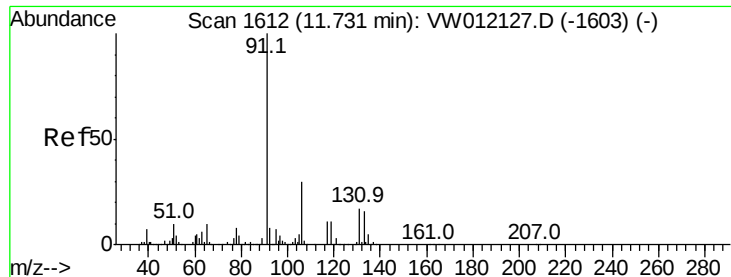
Tot Ion:112 Resp: 291870
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 60.915 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion:131 Resp: 110703
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 61.8 31.8 95.3





#67

Ethyl Benzene

Concen: 52.647 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

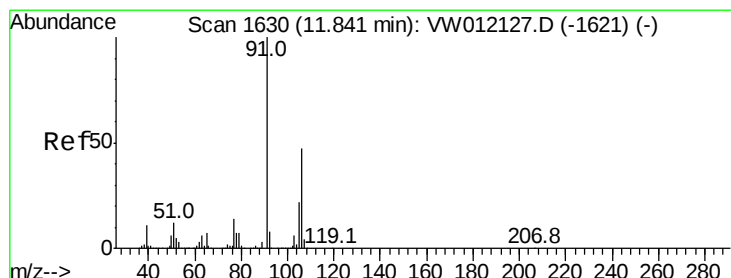
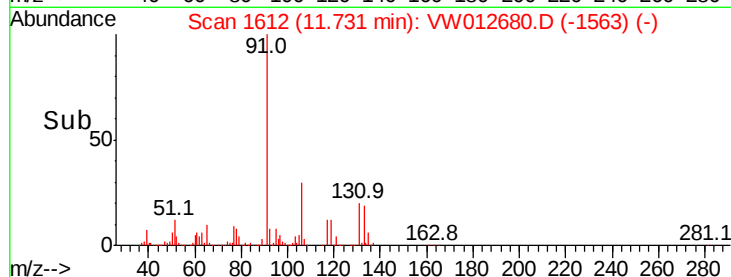
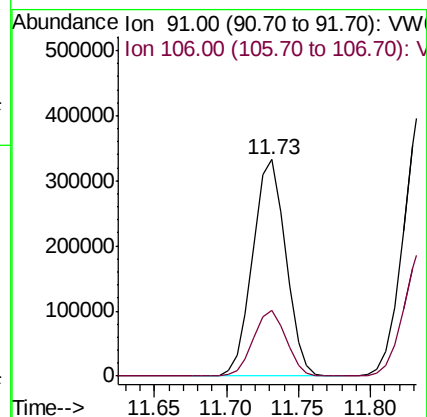
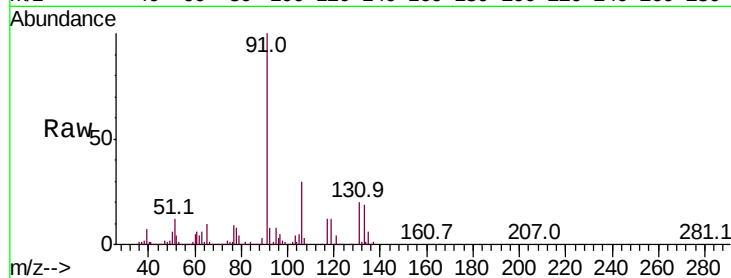
ClientSampled :

Tot Ion: 91 Resp: 528301

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 107.764 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012680.D

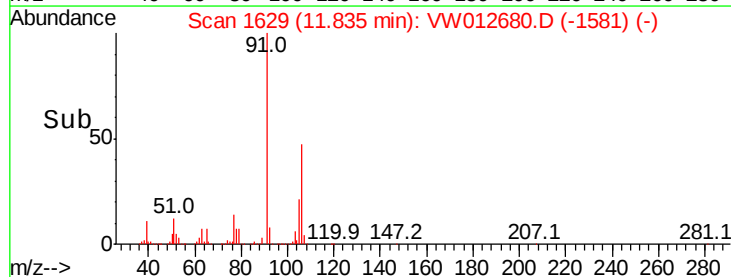
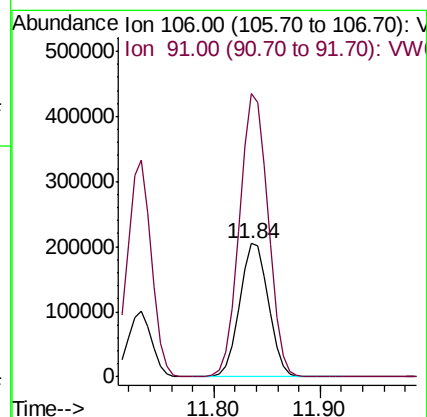
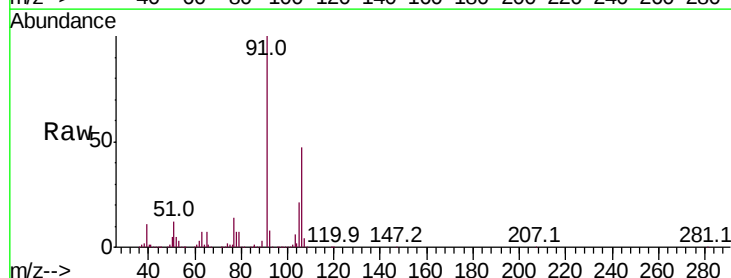
Acq: 06 Sep 2019 09:05

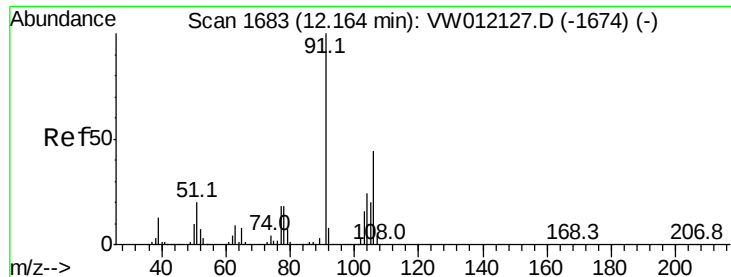
Tgt Ion:106 Resp: 389531

Ion Ratio Lower Upper

106 100

91 211.5 169.5 254.3

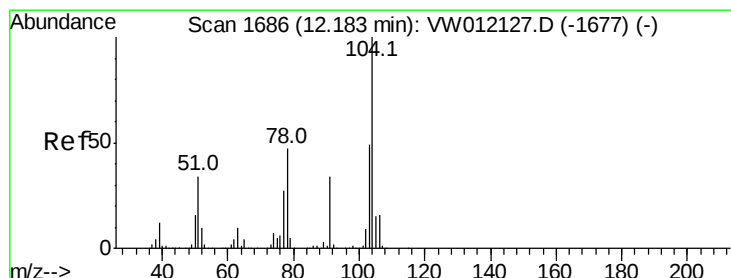
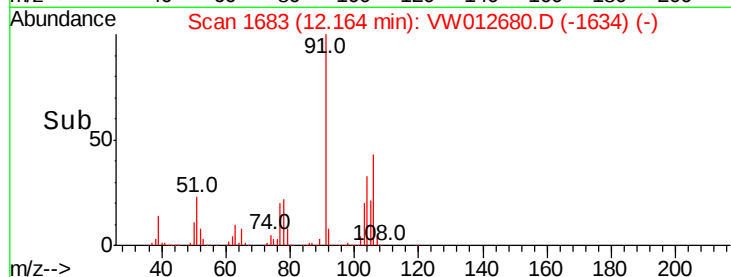
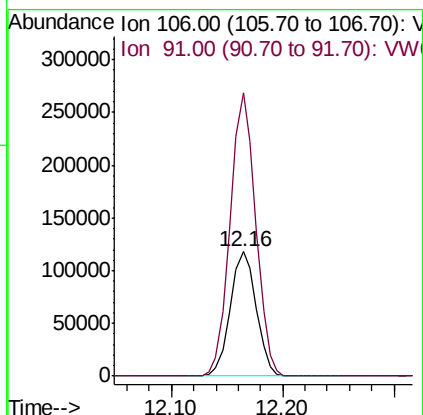
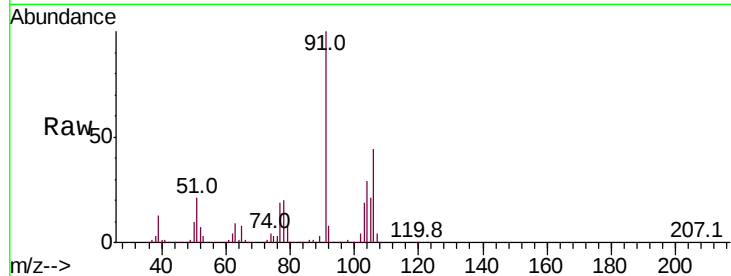




#69
o-Xylene
Concen: 56.968 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

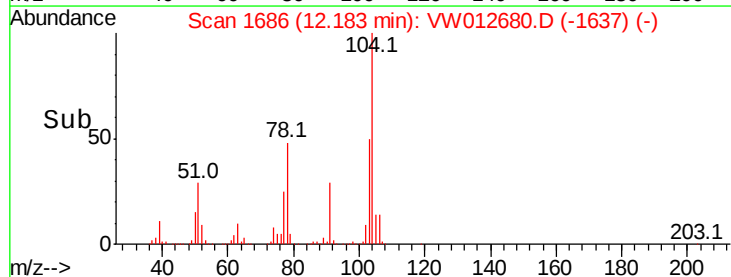
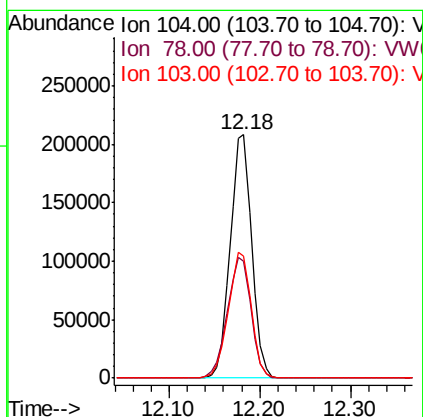
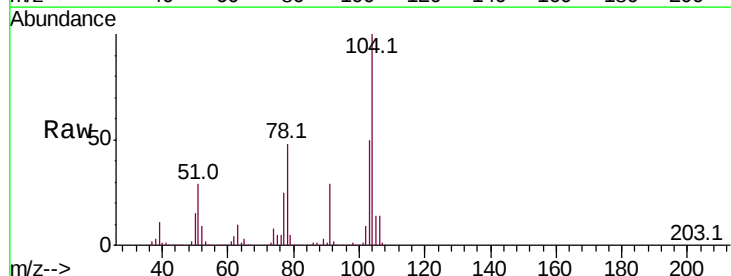
Instrument :
MSVOA_W
ClientSampled :

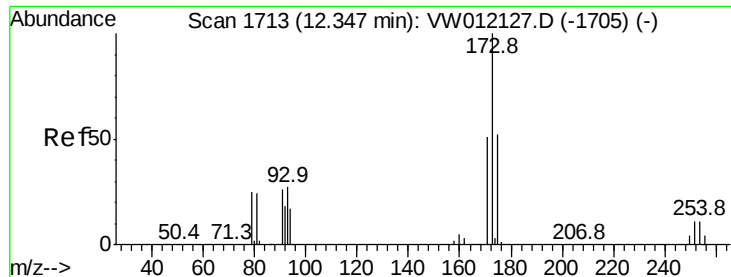
Tot Ion:106 Resp: 190587
Ion Ratio Lower Upper
106 100
91 223.7 111.6 334.6



#70
Styrene
Concen: 59.115 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion:104 Resp: 342316
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 54.9 43.5 65.3

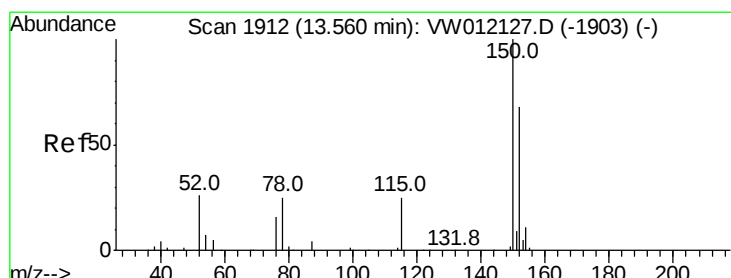
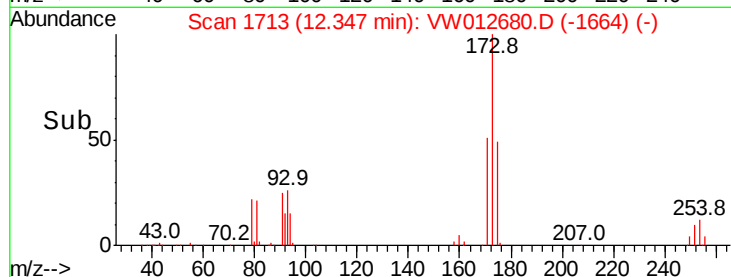
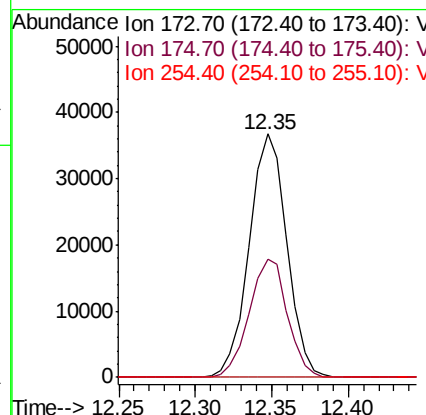
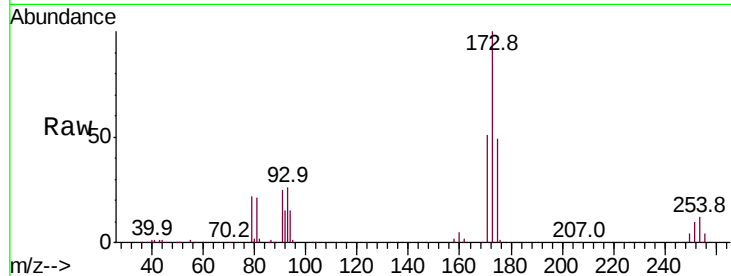




#71
Bromoform
Concen: 69.371 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

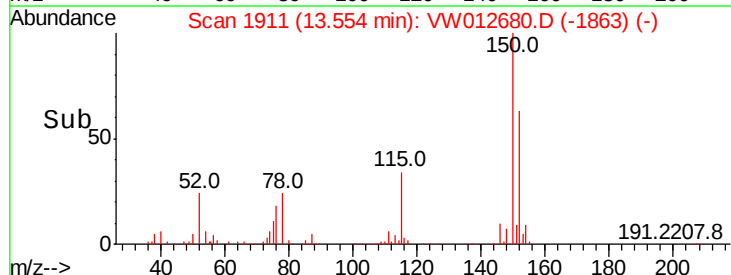
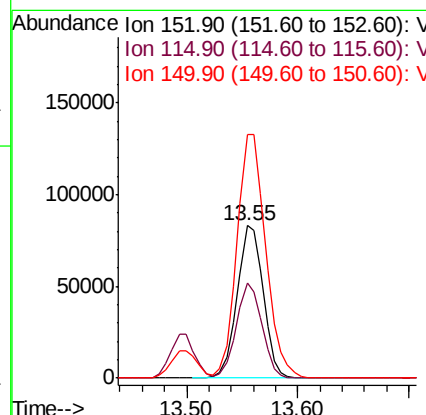
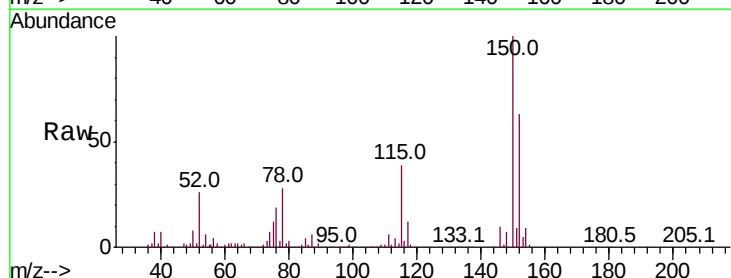
Instrument :
MSVOA_W
ClientSampled :

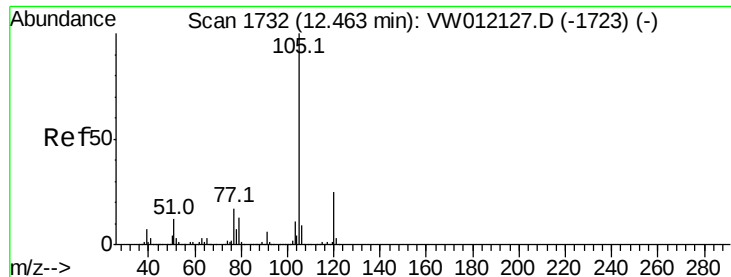
Tot Ion:173 Resp: 62811
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion:152 Resp: 134384
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 176.3 0.0 345.8





#73

Isopropylbenzene

Concen: 50.076 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

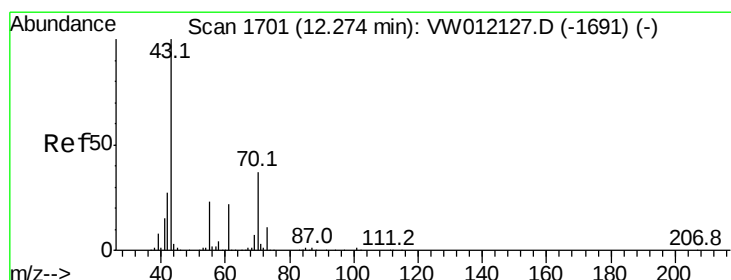
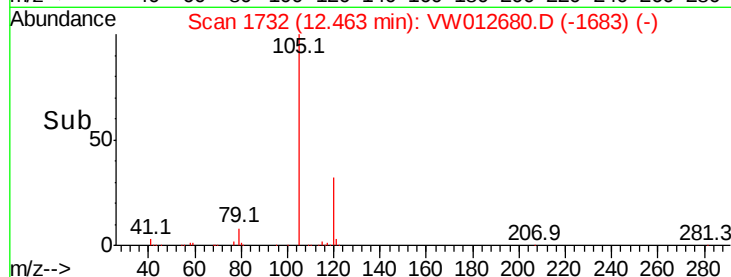
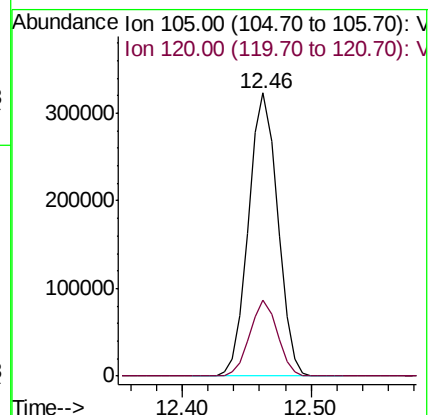
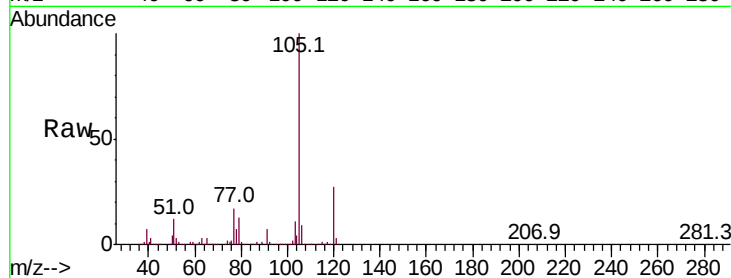
ClientSampleId :

Tot Ion:105 Resp: 504240

Ion Ratio Lower Upper

105 100

120 25.6 12.5 37.5



#74

N-ethyl acetate

Concen: 51.358 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Tgt Ion: 43 Resp: 156248

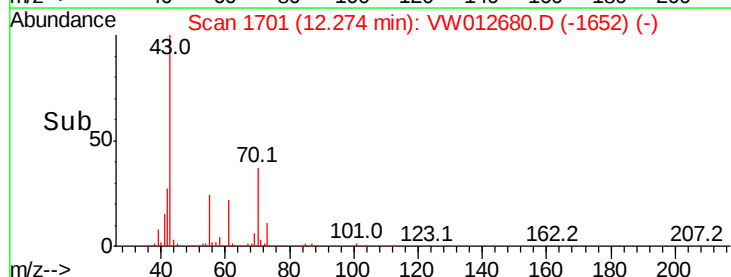
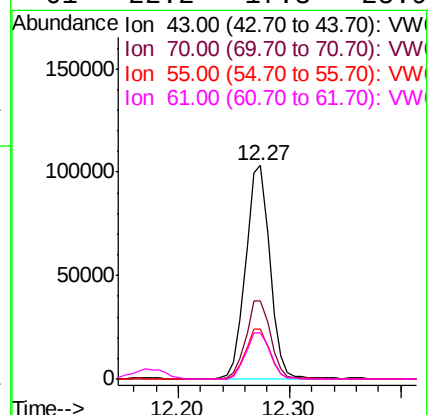
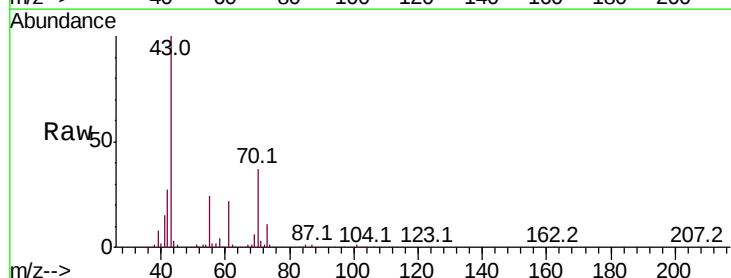
Ion Ratio Lower Upper

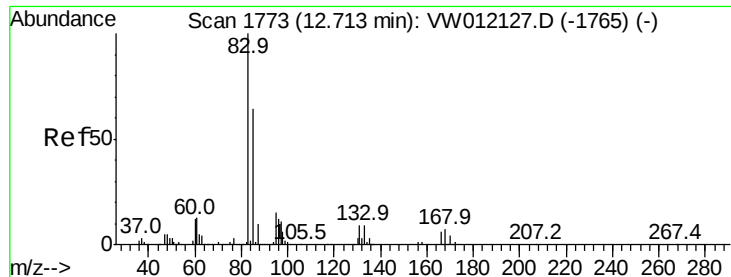
43 100

70 37.6 28.6 43.0

55 23.7 17.8 26.6

61 22.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 61.101 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

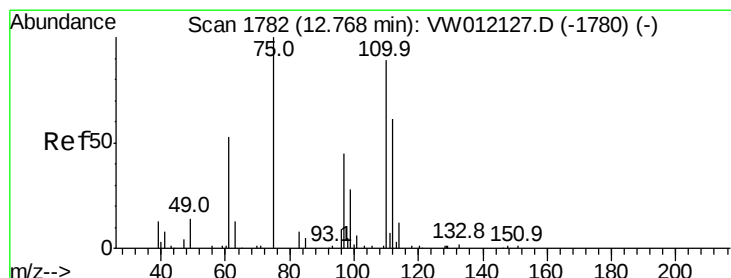
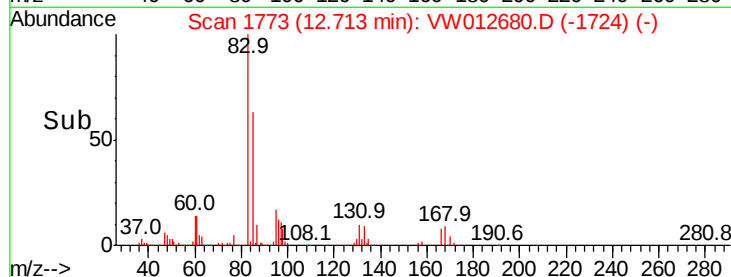
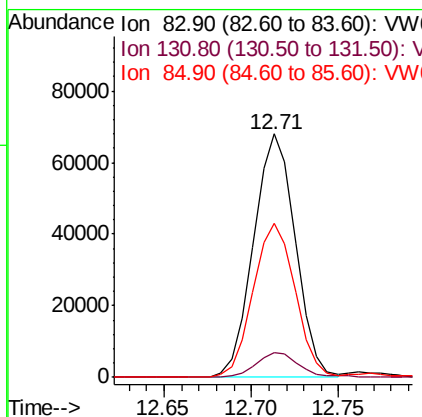
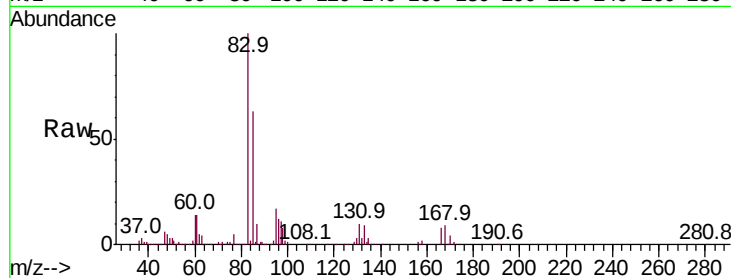
Tot Ion: 83 Resp: 112796

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.7
85	63.6	31.9	95.7

83 100

131 10.5 4.9 14.7

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 112.711 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012680.D

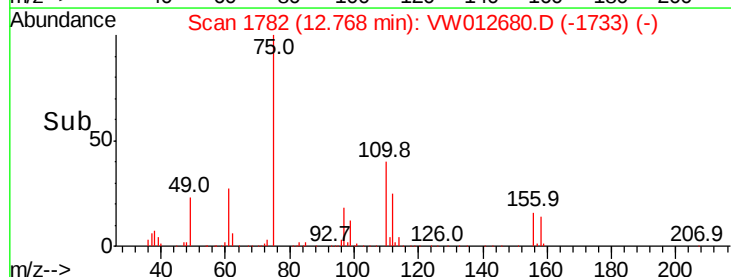
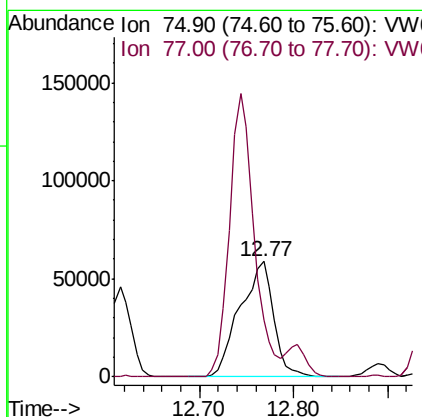
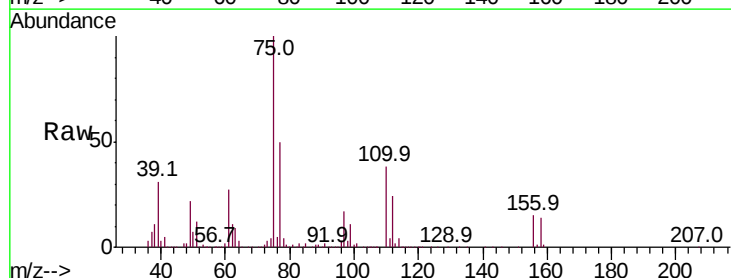
Acq: 06 Sep 2019 09:05

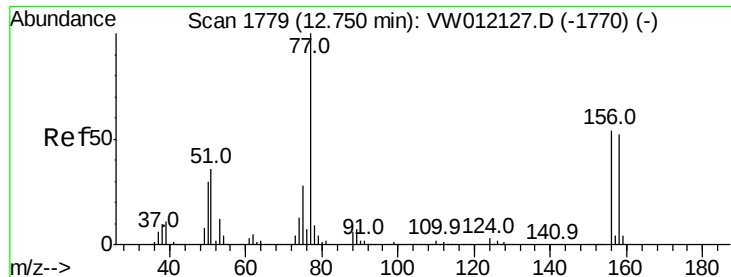
Tgt Ion: 75 Resp: 147517

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.178 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampled :

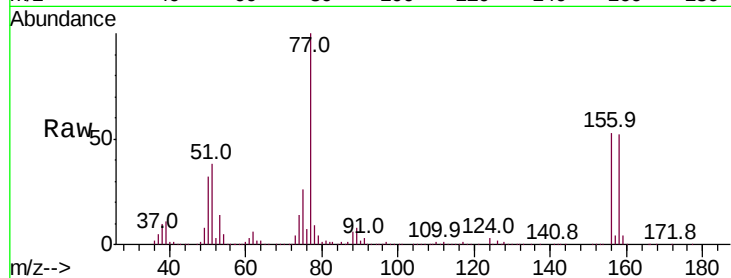
Tot Ion:156 Resp: 128915

Ion Ratio Lower Upper

156 100

77 204.4 107.3 321.8

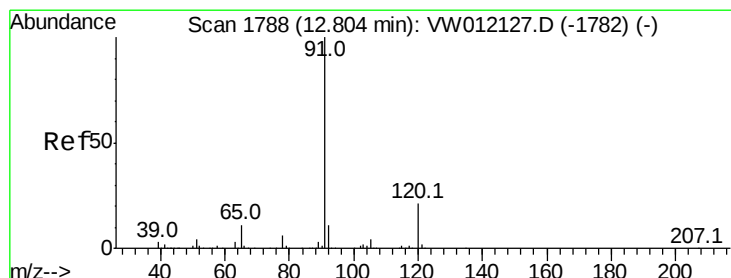
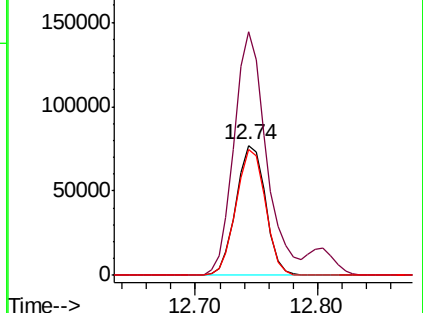
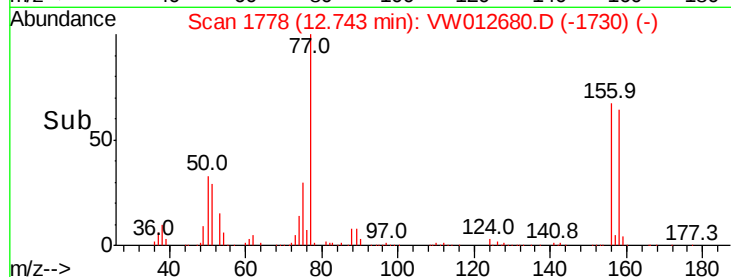
158 96.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.461 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012680.D

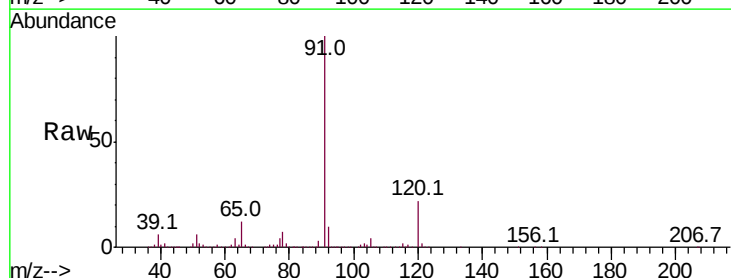
Acq: 06 Sep 2019 09:05

Tgt Ion: 91 Resp: 608025

Ion Ratio Lower Upper

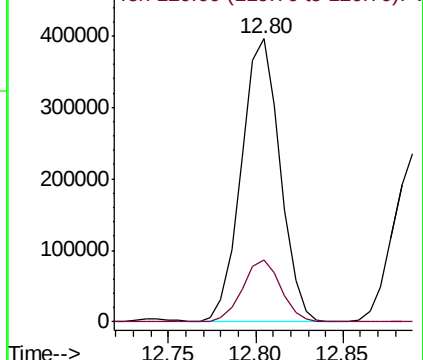
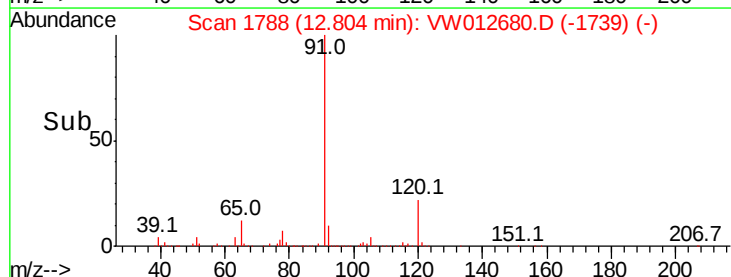
91 100

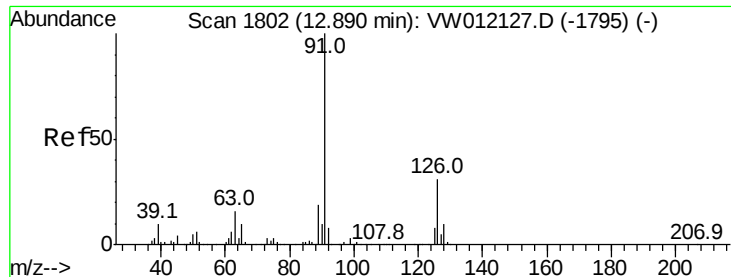
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

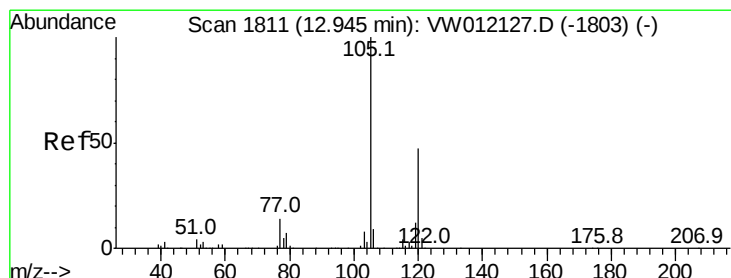
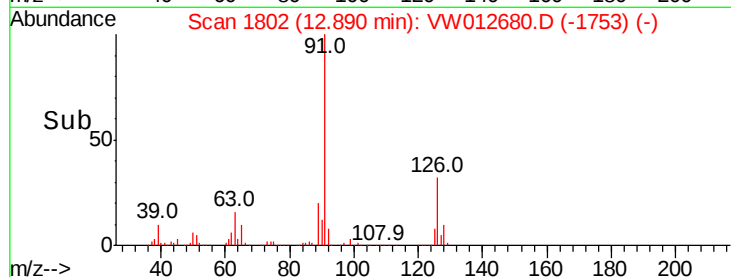
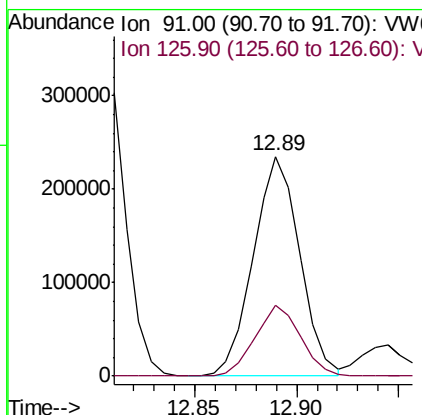
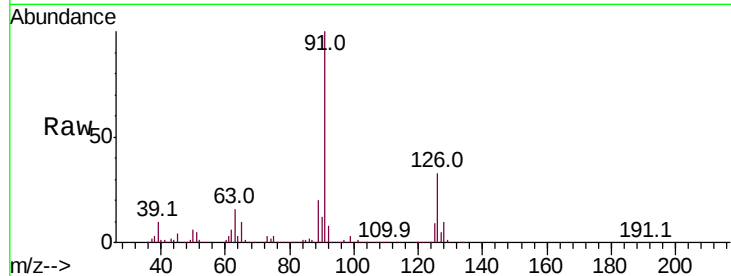




#79
 2-Chlorotoluene
 Concen: 53.329 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

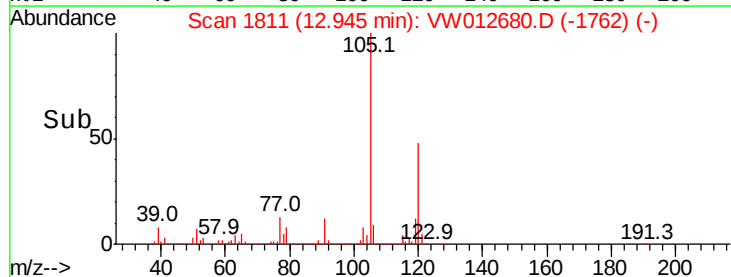
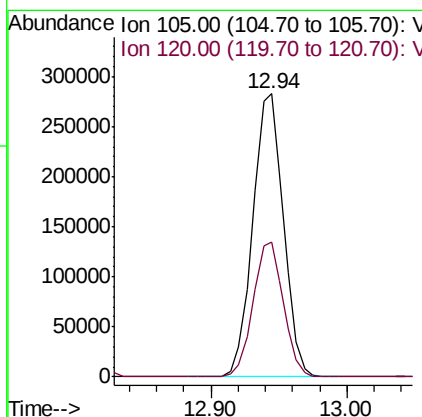
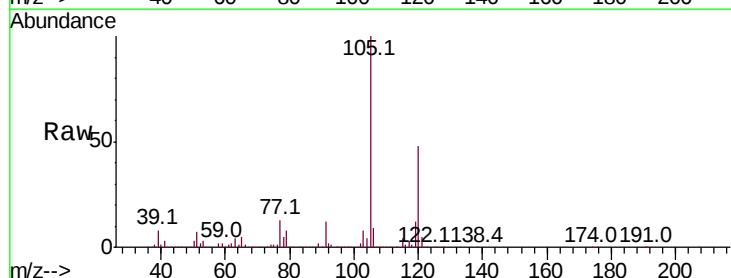
Instrument :
 MSVOA_W
 ClientSampleId :

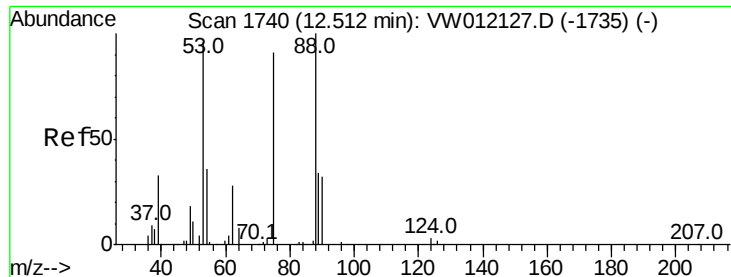
Tot Ion: 91 Resp: 372196
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.976 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion:105 Resp: 445743
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.0 72.0

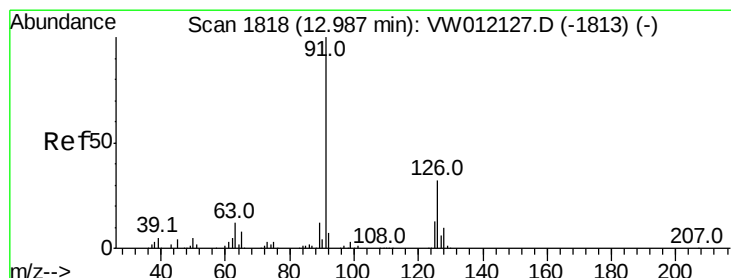
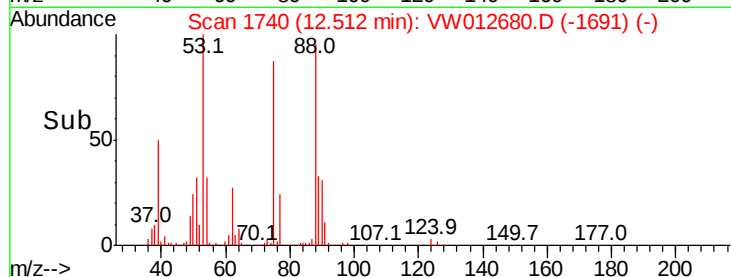
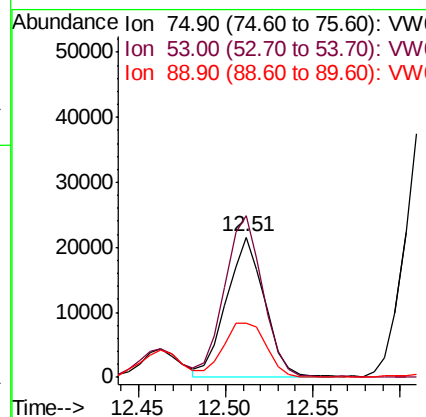
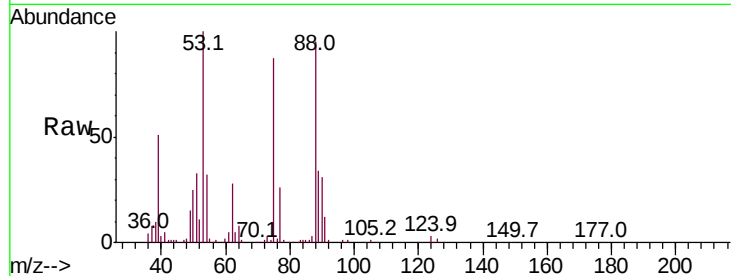




#81
trans-1,4-Dichloro-2-butene
Concen: 53.765 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

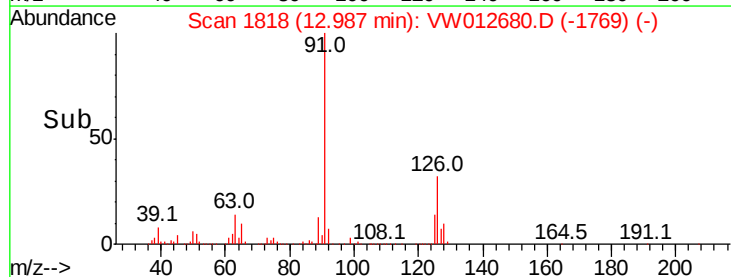
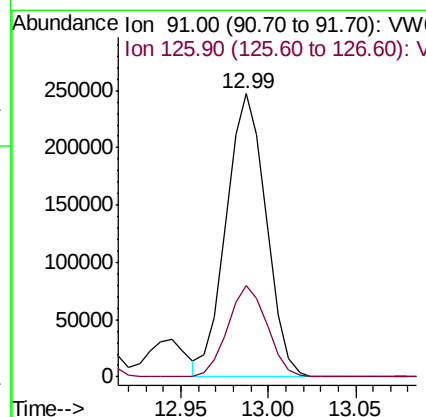
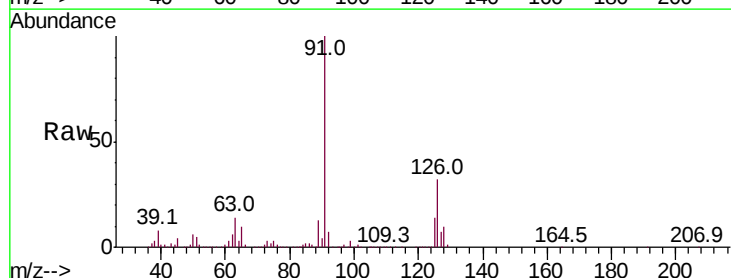
Instrument :
MSVOA_W
ClientSampleId :

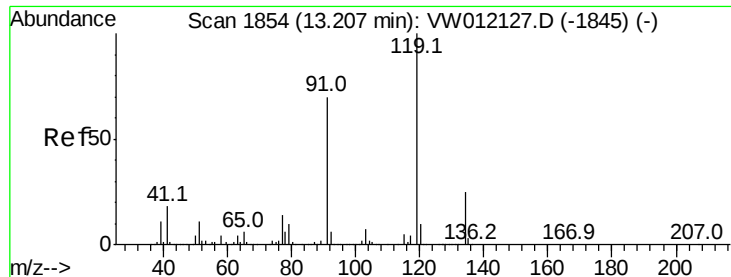
Tot Ion: 75 Resp: 32094
Ion Ratio Lower Upper
75 100
53 117.7 89.4 134.0
89 43.9 34.5 51.7



#82
4-Chlorotoluene
Concen: 53.429 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion: 91 Resp: 390446
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8





#83

tert-Butylbenzene

Concen: 52.865 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

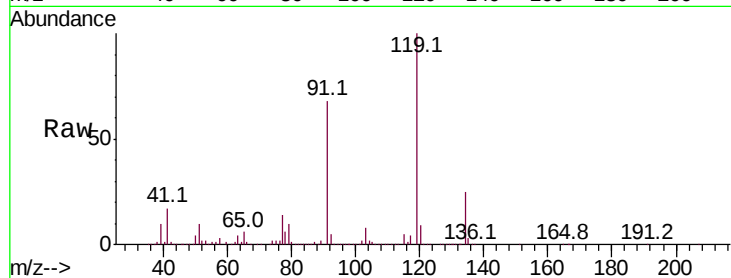
Tot Ion:119 Resp: 376795

Ion Ratio Lower Upper

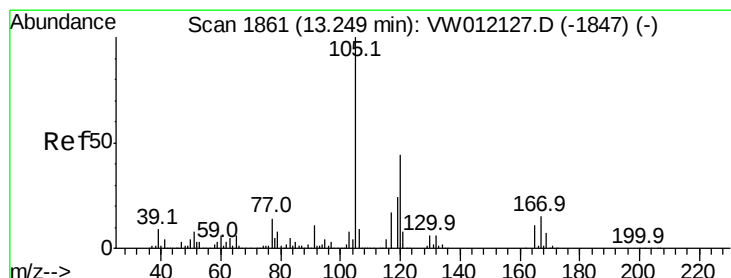
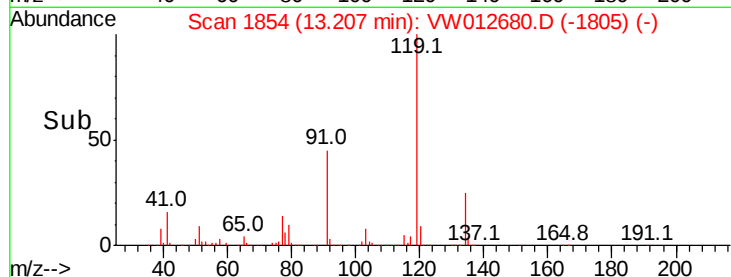
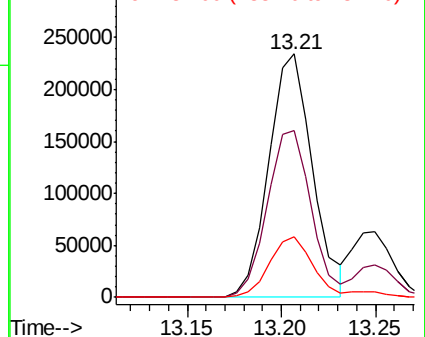
119 100

91 68.8 34.8 104.3

134 24.9 13.3 39.8



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



#84

1,2,4-Trimethylbenzene

Concen: 54.159 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012680.D

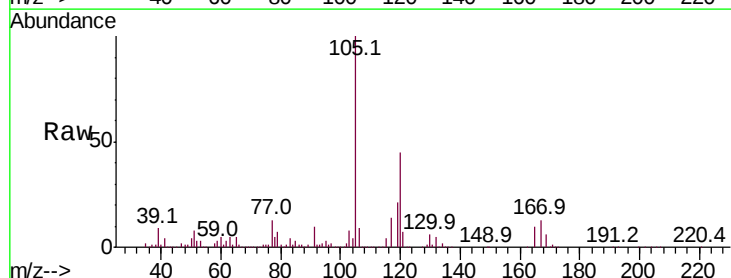
Acq: 06 Sep 2019 09:05

Tgt Ion:105 Resp: 457767

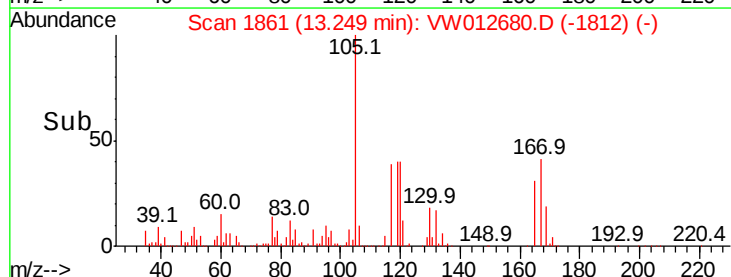
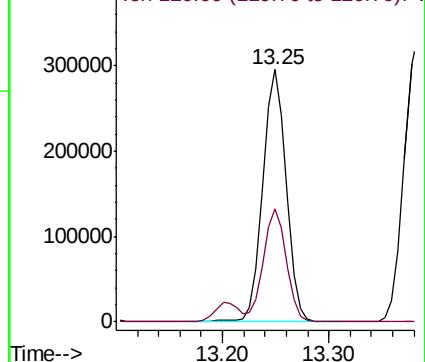
Ion Ratio Lower Upper

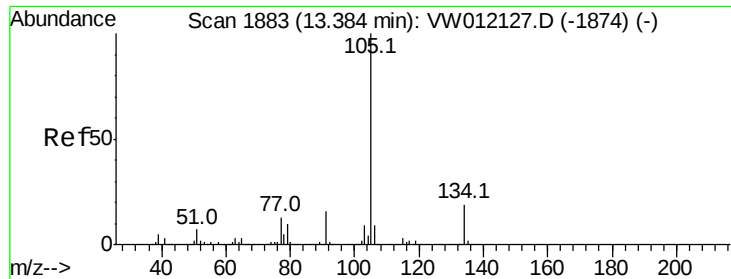
105 100

120 44.1 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 49.400 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

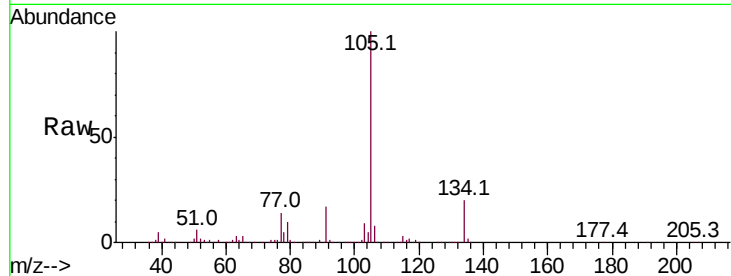
ClientSampled :

Tot Ion:105 Resp: 504438

Ion Ratio Lower Upper

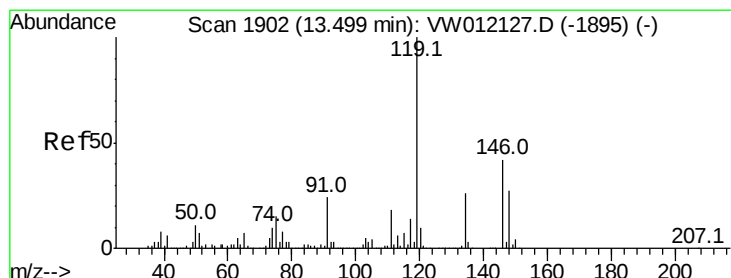
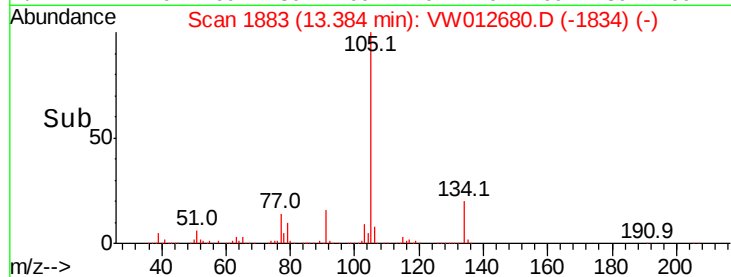
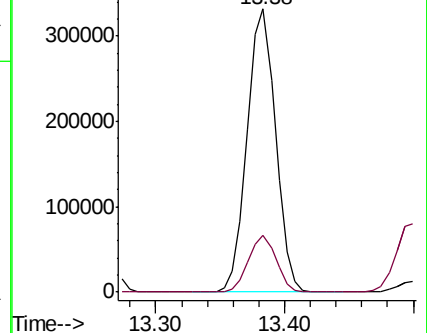
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.161 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

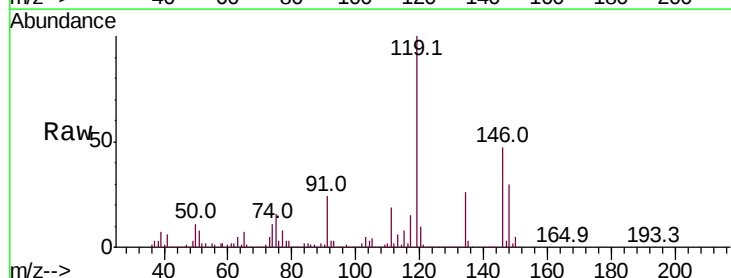
Tgt Ion:119 Resp: 466556

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

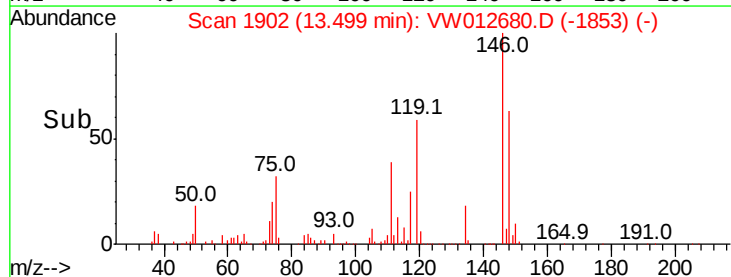
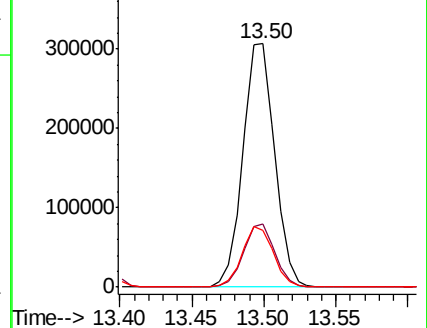
91 24.7 12.3 36.9

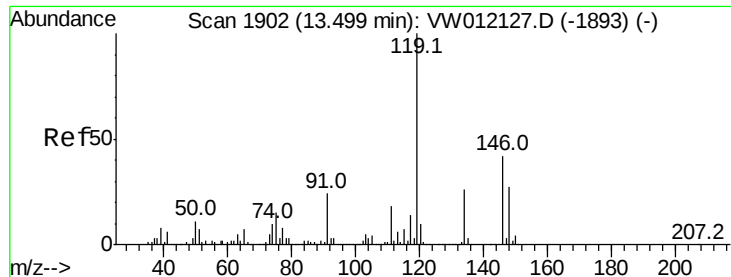


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

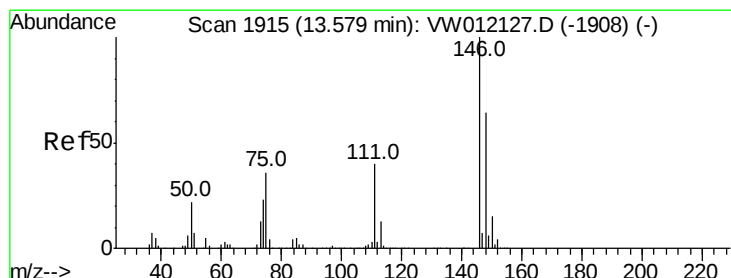
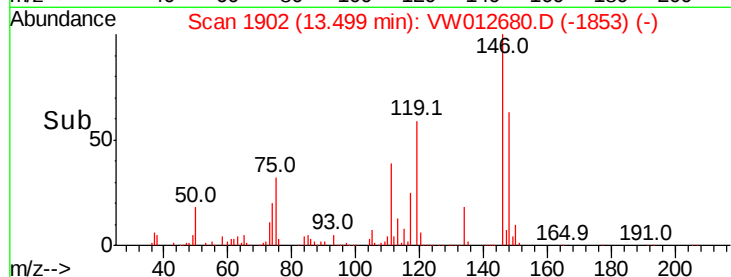
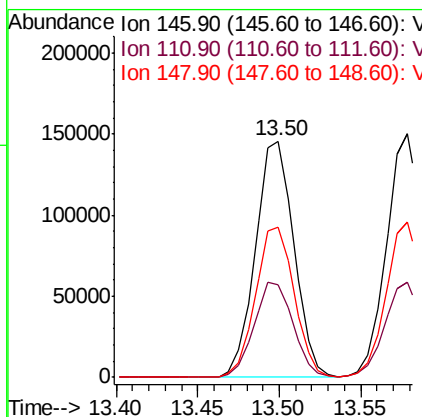
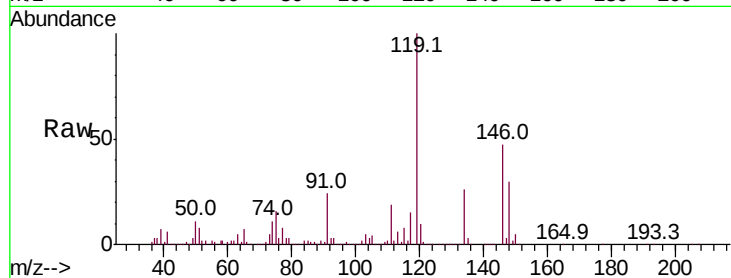




#87
 1,3-Dichlorobenzene
 Concen: 55.897 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

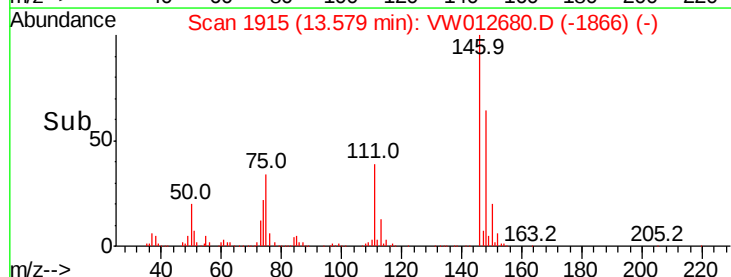
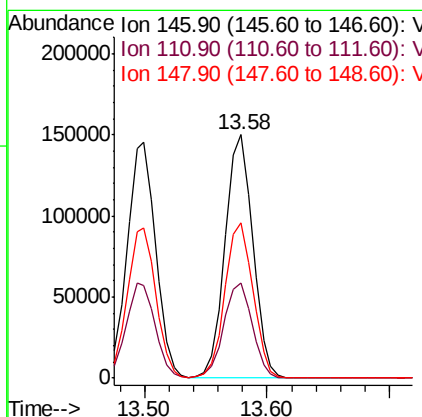
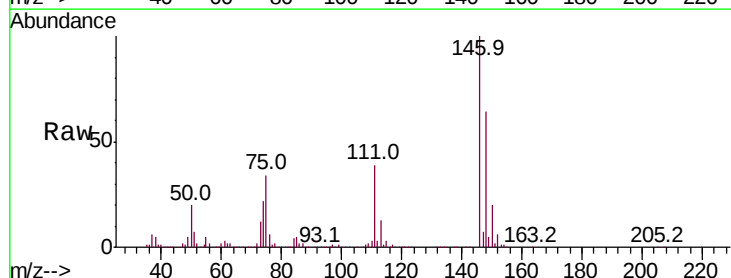
Instrument :
 MSVOA_W
 ClientSampleId :

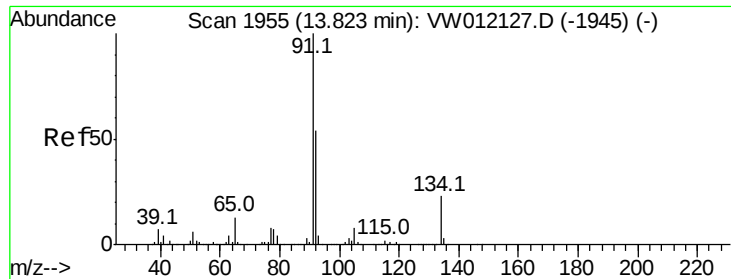
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.7
148	64.0	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 55.893 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.4	32.1	96.3

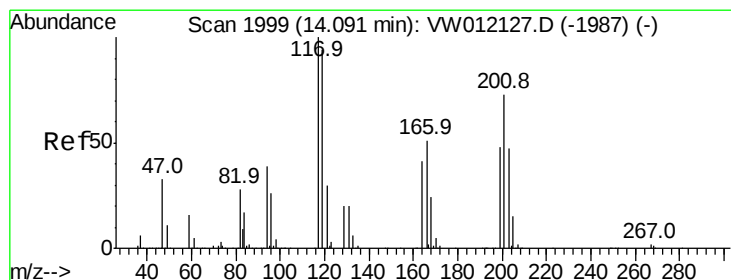
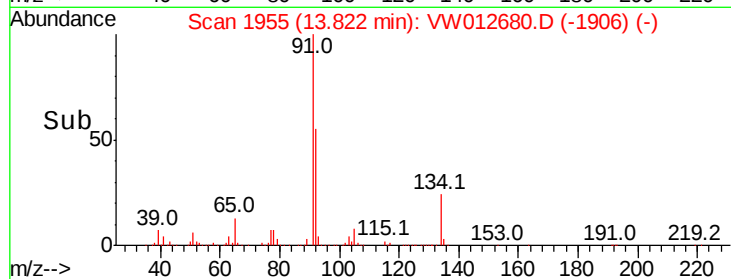
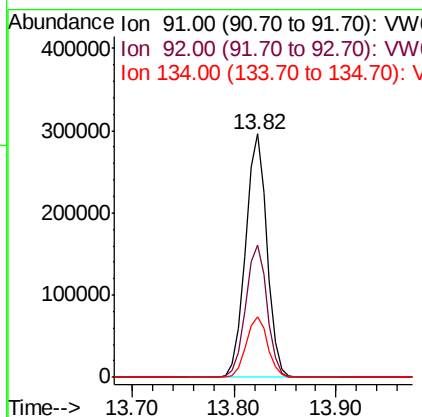
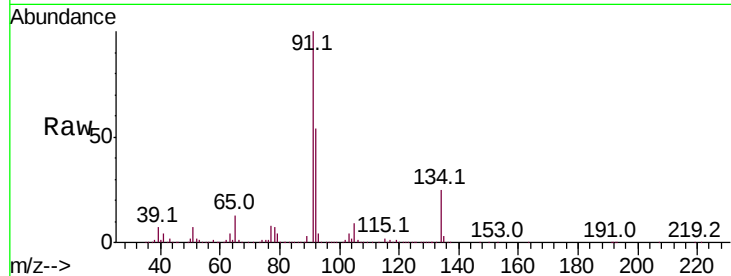




#89
n-Butylbenzene
Concen: 47.413 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

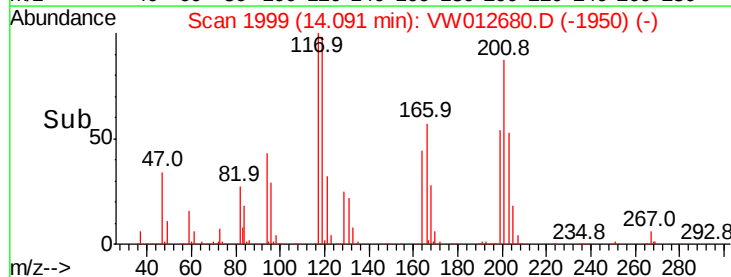
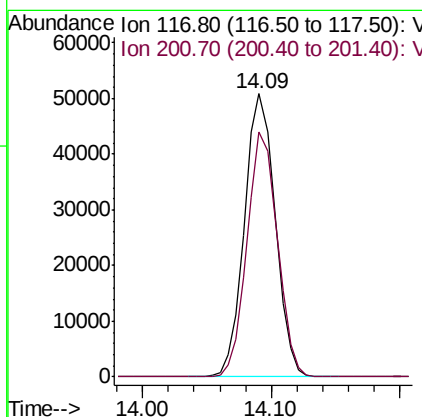
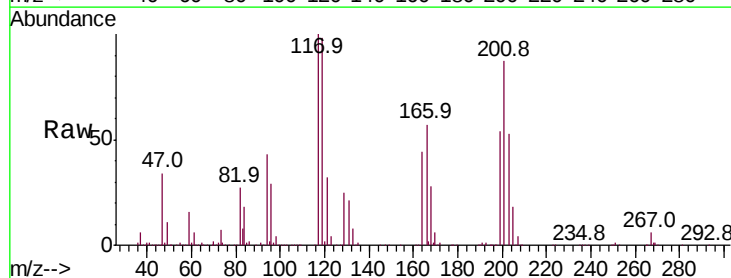
Instrument :
MSVOA_W
ClientSampleId :

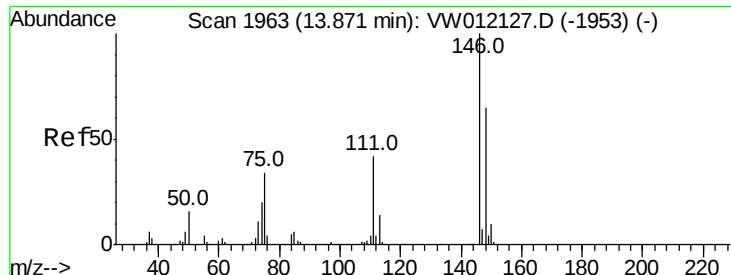
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.1	81.2
134	25.0	12.2	36.4



#90
Hexachloroethane
Concen: 52.218 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	38.6	115.7





#91

1,2-Dichlorobenzene

Concen: 58.807 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

Instrument :

MSVOA_W

ClientSampleId :

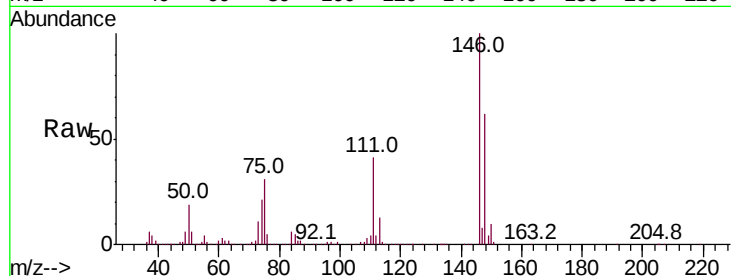
Tot Ion:146 Resp: 219819

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

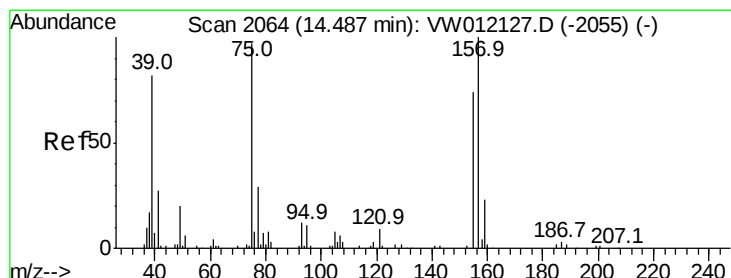
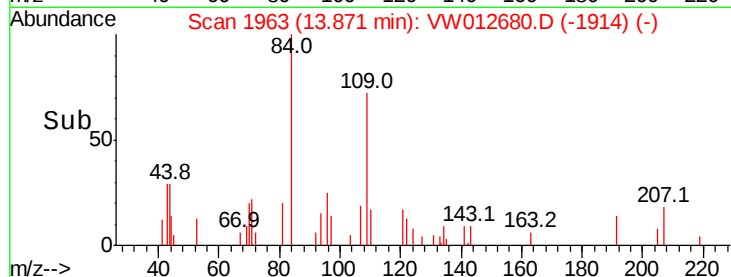
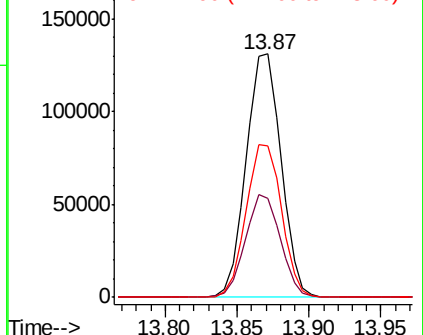
148 63.7 32.5 97.4



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: 64.113 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012680.D

Acq: 06 Sep 2019 09:05

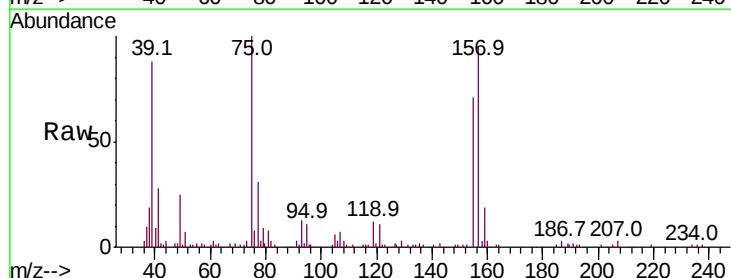
Tgt Ion: 75 Resp: 19953

Ion Ratio Lower Upper

75 100

155 78.7 37.5 112.3

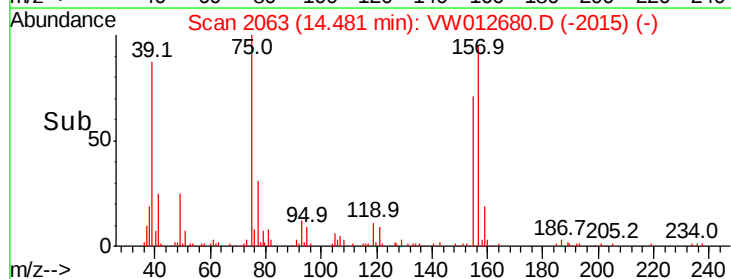
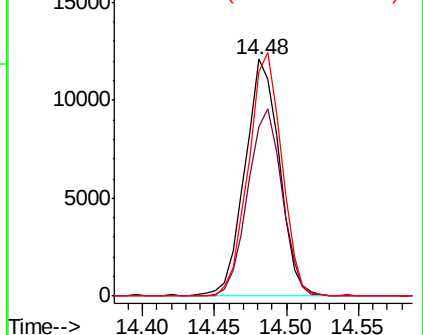
157 99.5 50.5 151.5

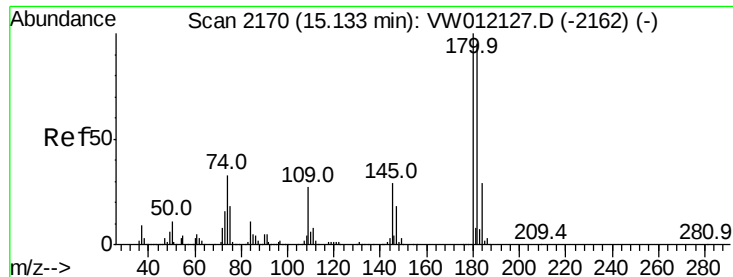


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

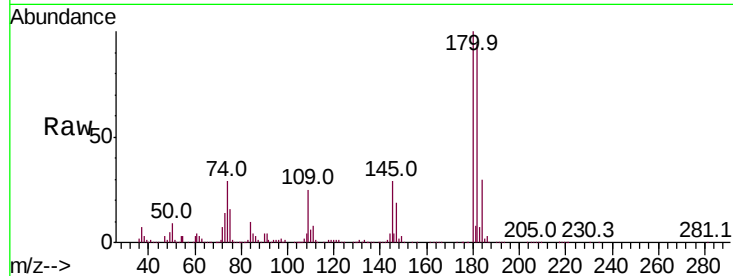




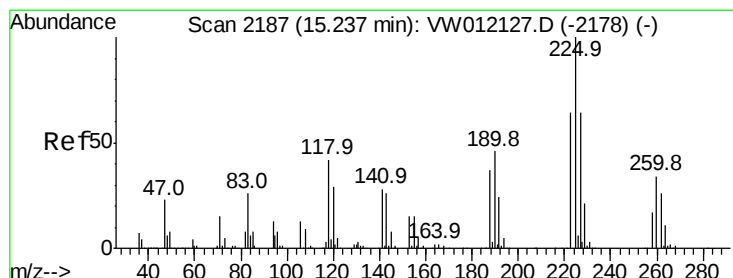
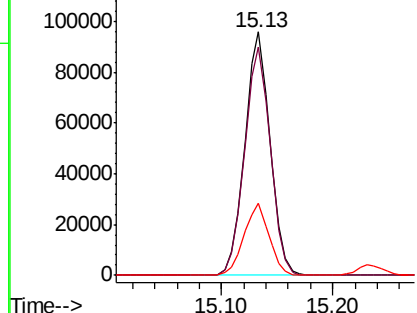
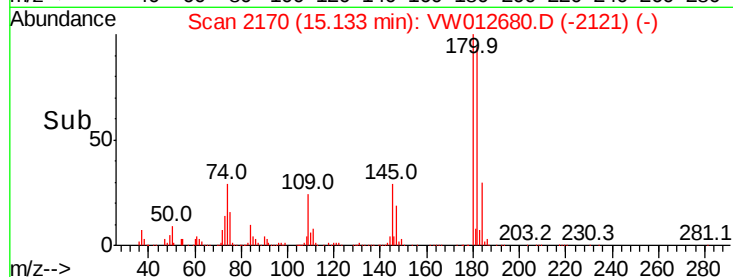
#93
 1,2,4-Trichlorobenzene
 Concen: 58.358 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	29.5	15.0	45.1

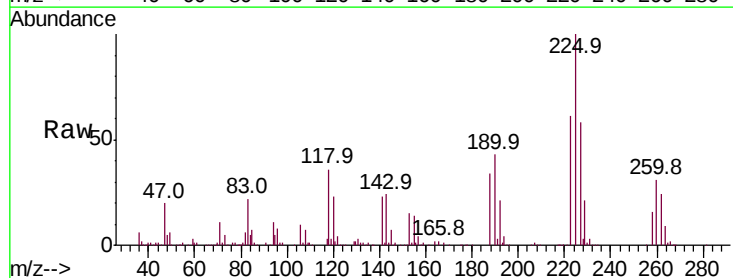


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

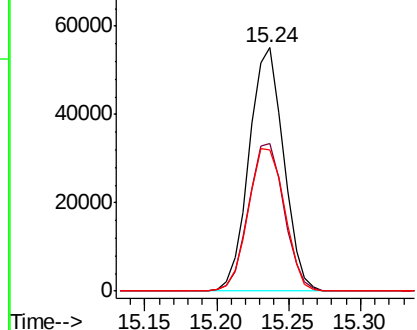
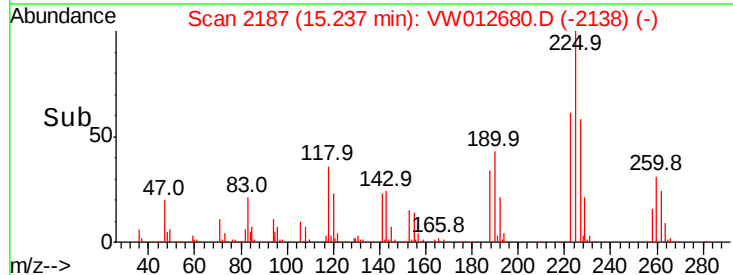


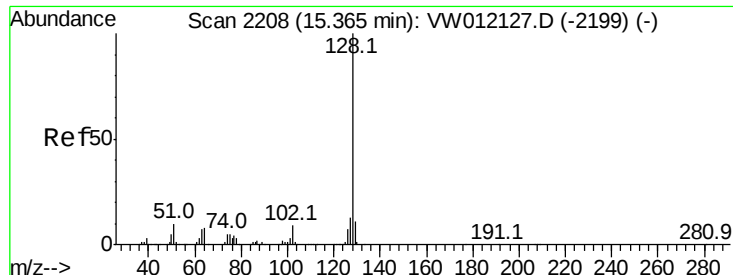
#94
 Hexachlorobutadiene
 Concen: 53.481 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012680.D
 Acq: 06 Sep 2019 09:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.3	96.8
227	62.0	32.9	98.6



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

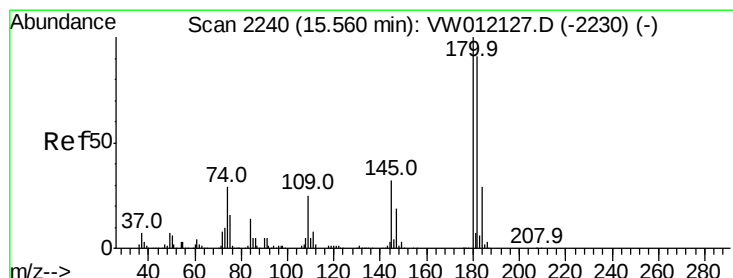
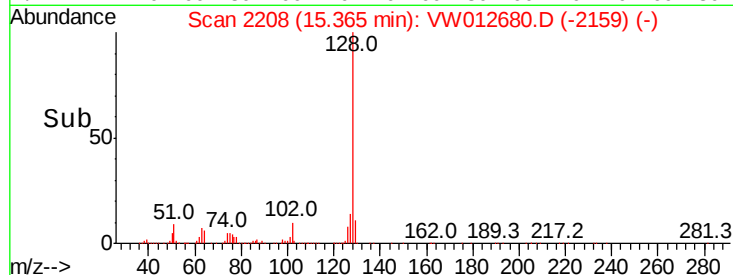
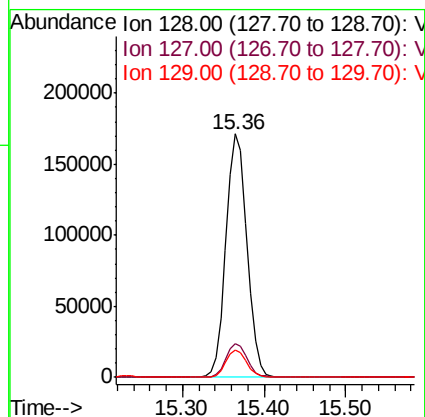
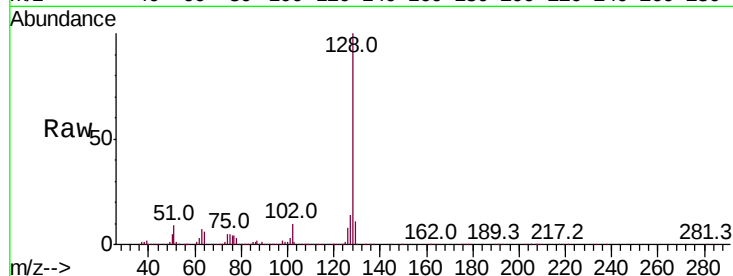




#95
Naphthalene
Concen: 59.046 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 303638
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 62.536 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012680.D
Acq: 06 Sep 2019 09:05

Tgt Ion:180 Resp: 140940
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.3
145 30.8 16.2 48.5

