

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012986.D
 Acq On : 14 Sep 2019 12:03
 Operator : SY/VA
 Sample : VW0915SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	145917	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
35) Dibromofluoromethane	7.88	113	119928	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.32	98	473201	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	168135	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25046	18.982	ug/l	90
3) Chloromethane	2.21	50	36167	22.305	ug/l	100
4) Vinyl Chloride	2.35	62	45144	20.974	ug/l	100
5) Bromomethane	2.77	94	24528	18.660	ug/l	97
6) Chloroethane	2.92	64	25672	19.447	ug/l	99
7) Trichlorofluoromethane	3.25	101	29584	19.655	ug/l	100
8) Diethyl Ether	3.68	74	21994	18.714	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43170	18.910	ug/l	99
10) Methyl Iodide	4.27	142	56705	19.848	ug/l	99
11) Tert butyl alcohol	5.13	59	2811	Below Cal	#	72
12) 1,1-Dichloroethene	4.04	96	40690	19.603	ug/l	93
13) Acrolein	3.89	56	23232	109.532	ug/l	98
14) Allyl chloride	4.66	41	77473	19.660	ug/l	98
15) Acrylonitrile	5.36	53	67456	112.375	ug/l	98
16) Acetone	4.13	43	64623	95.122	ug/l	96
17) Carbon Disulfide	4.38	76	84332	20.387	ug/l	98
18) Methyl Acetate	4.67	43	35504	22.438	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85436	20.851	ug/l	95
20) Methylene Chloride	4.92	84	49326	18.741	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	45565	20.496	ug/l	97
22) Diisopropyl ether	6.31	45	172339	21.052	ug/l	97
23) Vinyl Acetate	6.25	43	534755	109.065	ug/l	98
24) 1,1-Dichloroethane	6.21	63	95660	20.267	ug/l	99
25) 2-Butanone	7.17	43	98553	111.596	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65159	19.070	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	52890	19.871	ug/l	98
28) Bromochloromethane	7.51	49	38967	19.615	ug/l	96
29) Tetrahydrofuran	7.53	42	59554	118.354	ug/l	96
30) Chloroform	7.67	83	94129	19.627	ug/l	100
31) Cyclohexane	7.95	56	82924	20.933	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	78014	19.753	ug/l	99
36) 1,1-Dichloropropene	8.07	75	71454	20.111	ug/l	99
37) Ethyl Acetate	7.25	43	42916	22.757	ug/l	99
38) Carbon Tetrachloride	8.07	117	70810	19.448	ug/l	100

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Instrument :
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Quant Time: Sep 16 06:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78411	20.140	ug/l	96
40) Benzene	8.32	78	196806	19.842	ug/l	99
41) Methacrylonitrile	7.48	41	28273	22.766	ug/l	94
42) 1,2-Dichloroethane	8.40	62	67801	20.392	ug/l	98
43) Isopropyl Acetate	8.42	43	77451	21.390	ug/l	99
44) Trichloroethene	9.09	130	51715	19.036	ug/l	92
45) 1,2-Dichloropropane	9.37	63	52878	20.066	ug/l	100
46) Dibromomethane	9.46	93	26234	20.779	ug/l	98
47) Bromodichloromethane	9.64	83	67635	19.099	ug/l	97
48) Methyl methacrylate	9.43	41	37354	21.982	ug/l	94
49) 1,4-Dioxane	9.46	88	9514	449.727	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	209552	112.098	ug/l	100
52) Toluene	10.38	92	122624	19.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	71612	20.107	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	82012	20.125	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38669	20.105	ug/l	99
56) Ethyl methacrylate	10.65	69	54263	20.960	ug/l	97
57) 1,3-Dichloropropane	10.93	76	70605	20.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147157	105.966	ug/l	99
59) 2-Hexanone	10.97	43	150103	115.317	ug/l	98
60) Dibromochloromethane	11.13	129	42919	18.458	ug/l	95
61) 1,2-Dibromoethane	11.23	107	36993	21.085	ug/l	98
64) Tetrachloroethene	10.86	164	44511	19.399	ug/l	97
65) Chlorobenzene	11.65	112	130889	19.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49249	18.707	ug/l	99
67) Ethyl Benzene	11.73	91	248675	19.599	ug/l	98
68) m/p-Xylenes	11.84	106	182906	39.461	ug/l	100
69) o-Xylene	12.16	106	83610	19.241	ug/l	99
70) Styrene	12.18	104	149934	19.396	ug/l	98
71) Bromoform	12.35	173	27361	19.786	ug/l #	97
73) Isopropylbenzene	12.46	105	241845	19.325	ug/l	99
74) N-amyl acetate	12.27	43	66874	20.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45235	20.580	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	61997	37.488	ug/l #	100
77) Bromobenzene	12.74	156	56052	19.442	ug/l	97
78) n-propylbenzene	12.80	91	284702	19.340	ug/l	100
79) 2-Chlorotoluene	12.89	91	167580	19.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208769	19.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15700	21.536	ug/l	99
82) 4-Chlorotoluene	12.99	91	175760	19.685	ug/l	99
83) tert-Butylbenzene	13.21	119	185821	19.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	211174	20.185	ug/l	100
85) sec-Butylbenzene	13.38	105	250025	19.379	ug/l	99
86) p-Isopropyltoluene	13.50	119	234877	19.828	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111251	19.493	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	107416	19.153	ug/l	97
89) n-Butylbenzene	13.82	91	221926	19.866	ug/l	99
90) Hexachloroethane	14.09	117	37782	17.798	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	100987	20.121	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8728	21.694	ug/l	95

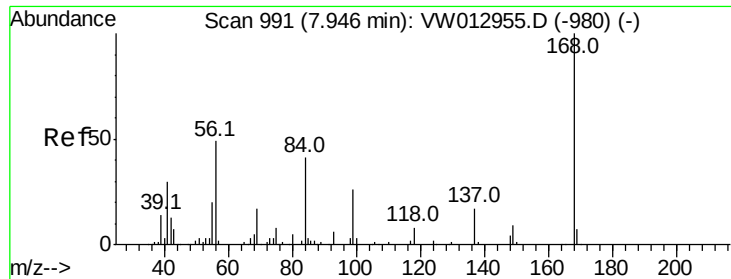
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70707	19.754	ug/l	99
94) Hexachlorobutadiene	15.23	225	49042	19.355	ug/l	99
95) Naphthalene	15.36	128	127903	21.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62424	19.729	ug/l	100

(#) = 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: VW012986.D

Acq: 14 Sep 2019 12:03

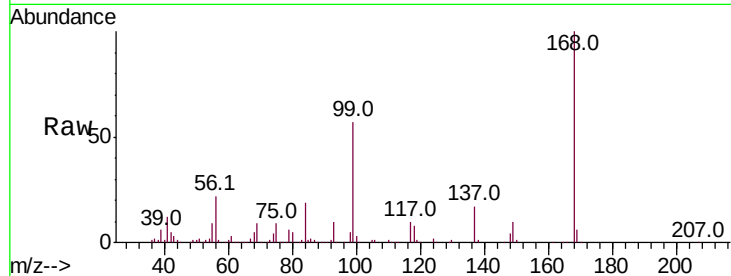
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 300715

Ion Ratio Lower Upper

168 100

99 56.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

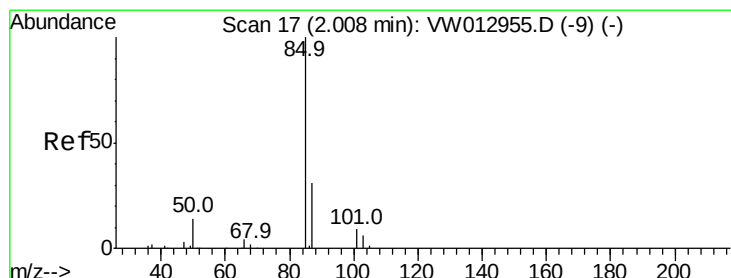
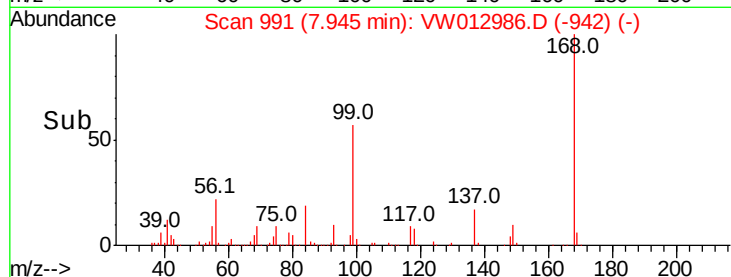
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.982 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012986.D

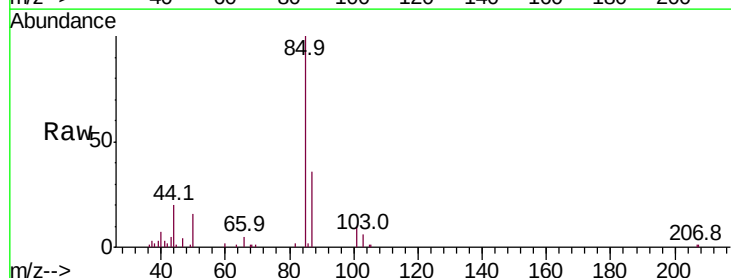
Acq: 14 Sep 2019 12:03

Tgt Ion: 85 Resp: 25046

Ion Ratio Lower Upper

85 100

87 36.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

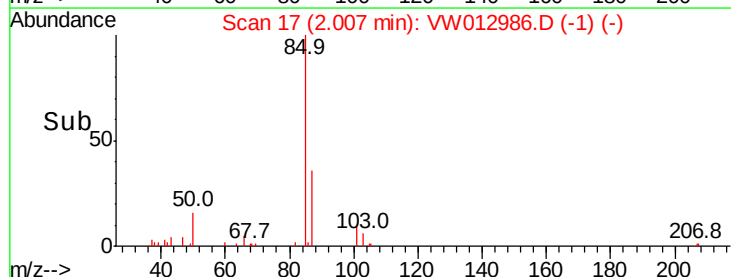
4000

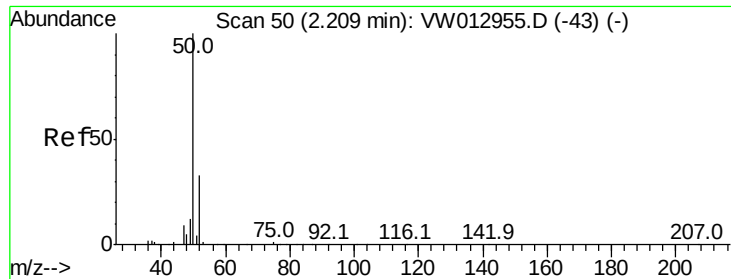
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.305 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

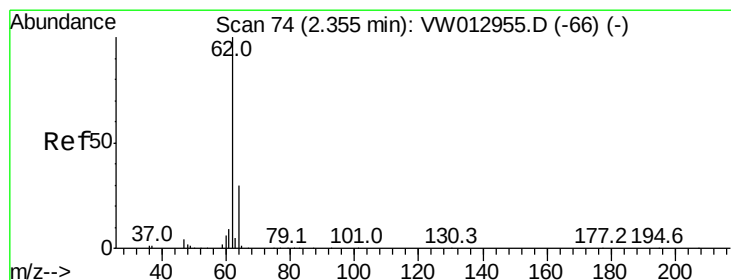
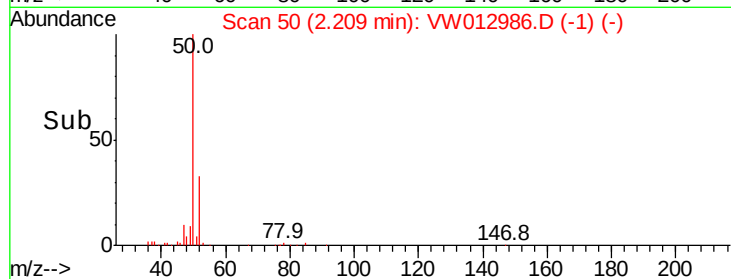
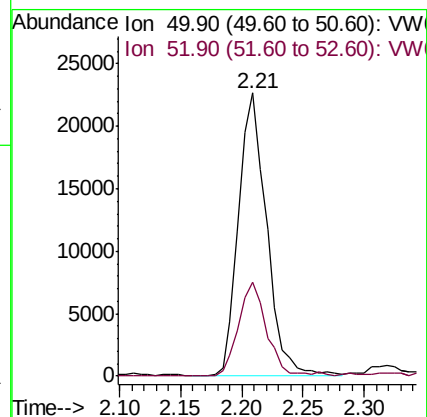
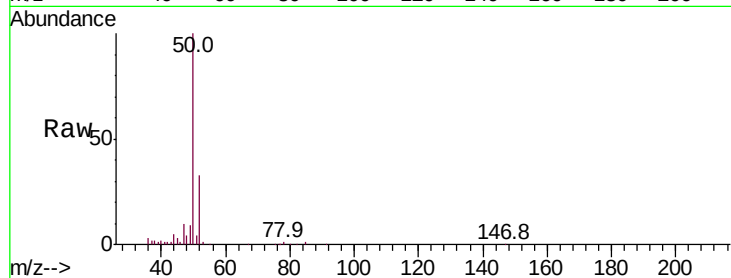
ClientSampled :

Tot Ion: 50 Resp: 36167

Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



#4

Vinyl Chloride

Concen: 20.974 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012986.D

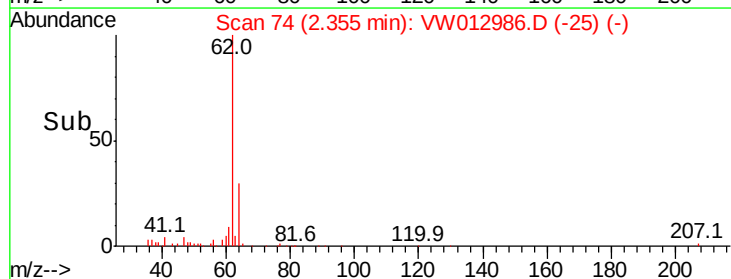
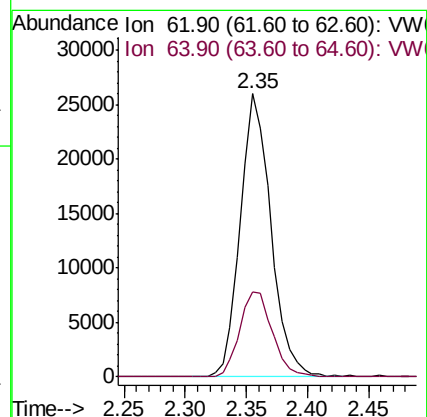
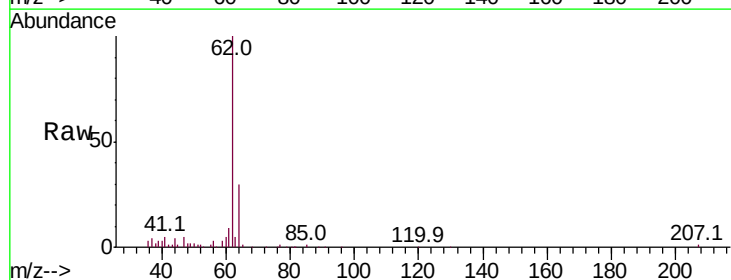
Acq: 14 Sep 2019 12:03

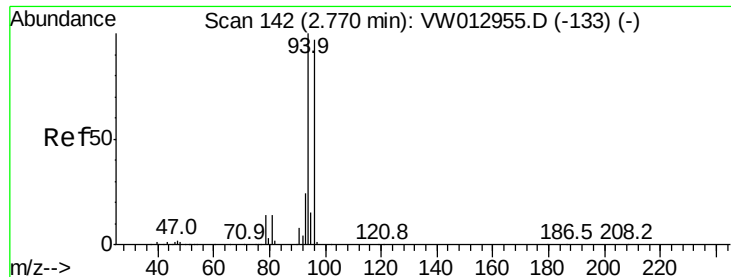
Tgt Ion: 62 Resp: 45144

Ion Ratio Lower Upper

62 100

64 30.1 24.2 36.4





#5

Bromomethane

Concen: 18.660 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

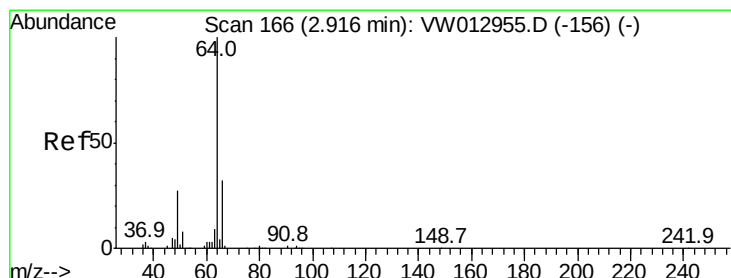
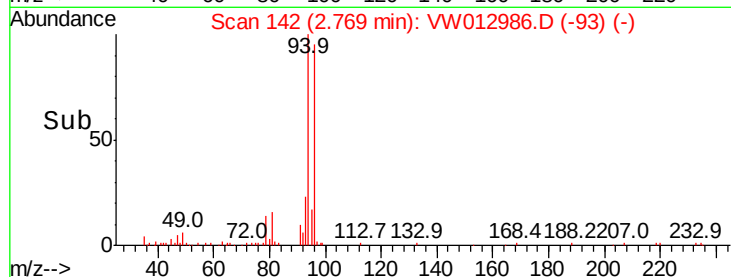
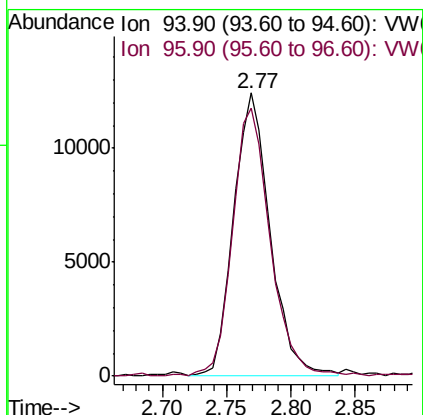
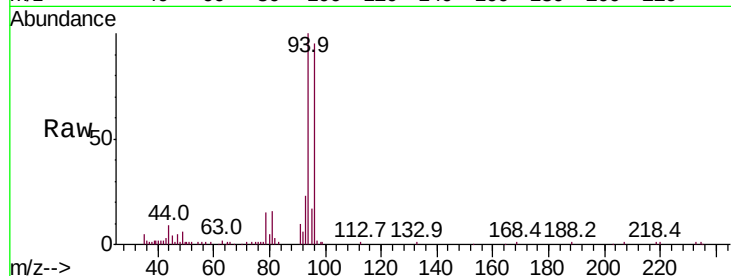
ClientSampleId :

Tot Ion: 94 Resp: 24528

Ion Ratio Lower Upper

94 100

96 94.5 77.8 116.6



#6

Chloroethane

Concen: 19.447 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012986.D

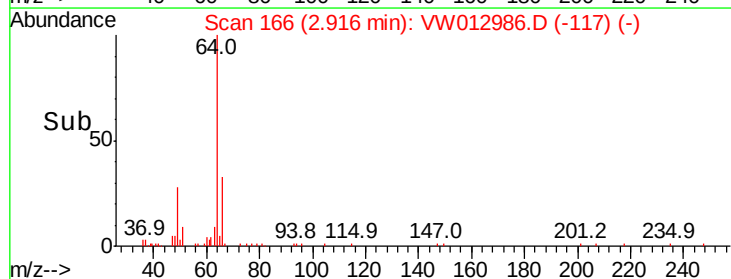
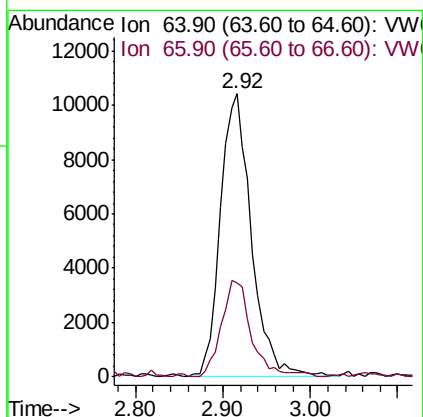
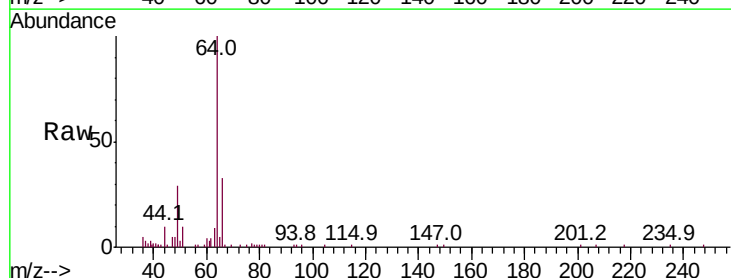
Acq: 14 Sep 2019 12:03

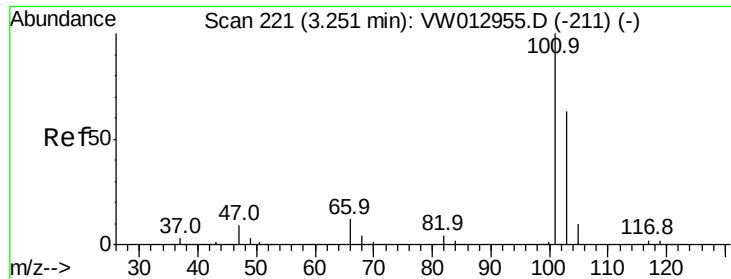
Tgt Ion: 64 Resp: 25672

Ion Ratio Lower Upper

64 100

66 33.2 25.9 38.9



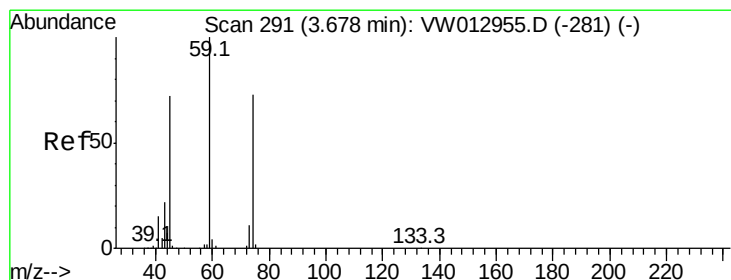
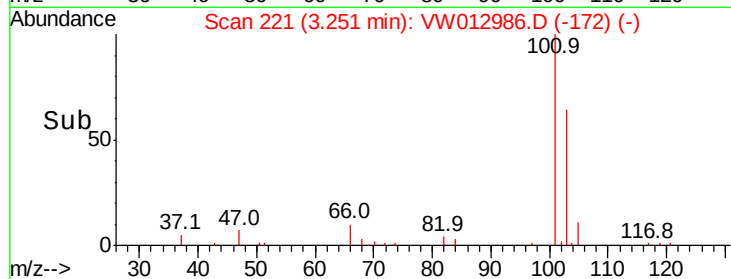
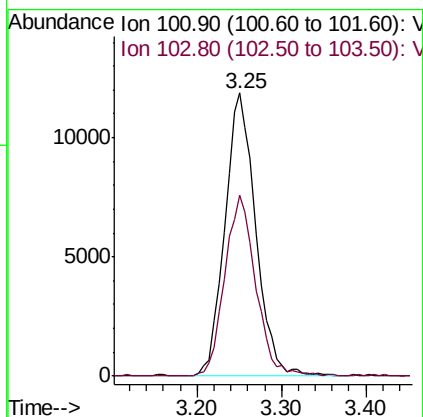
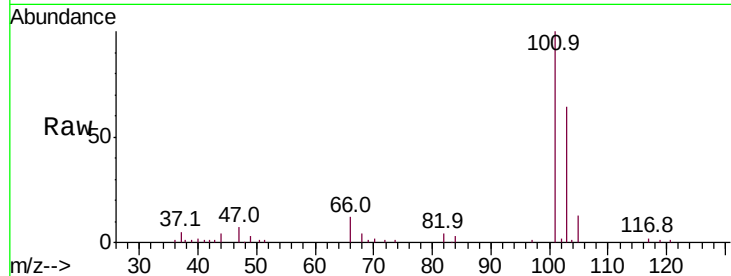


#7

Trichlorofluoromethane
Concen: 19.655 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :

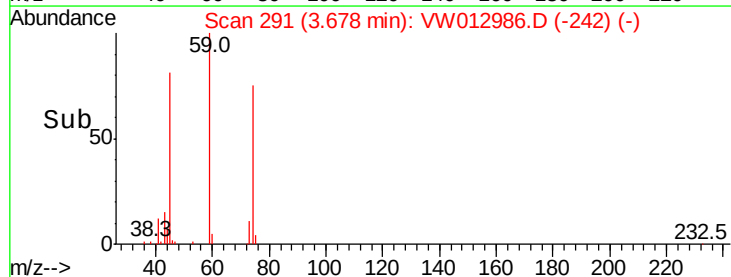
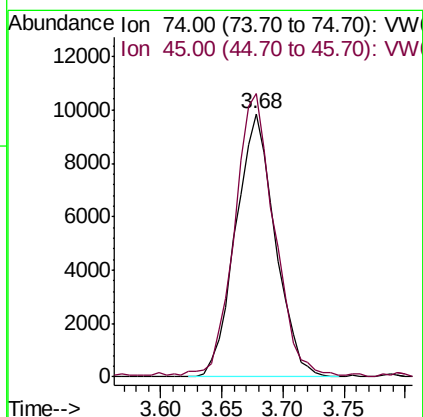
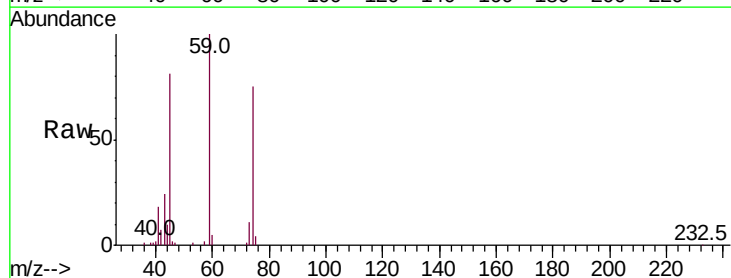
Tot Ion:101 Resp: 29584
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

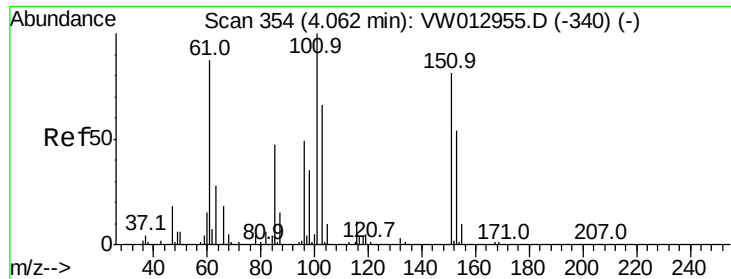


#8

Diethyl Ether
Concen: 18.714 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 74 Resp: 21994
Ion Ratio Lower Upper
74 100
45 106.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.910 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

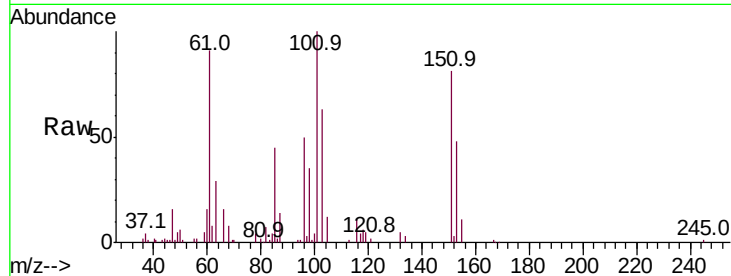
Tot Ion:101 Resp: 43170

Ion Ratio Lower Upper

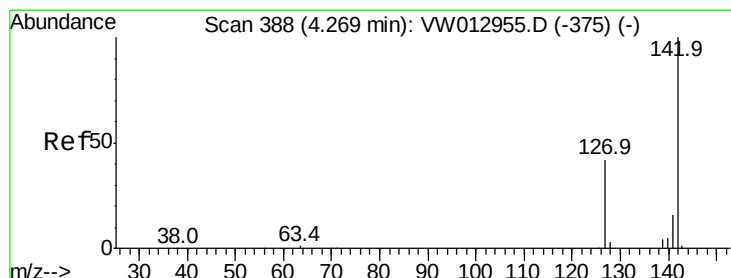
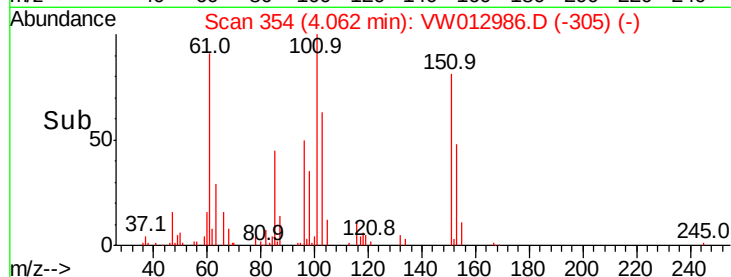
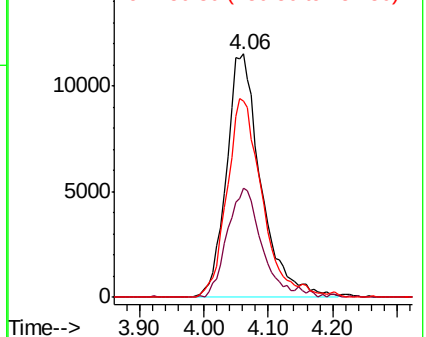
101 100

85 44.0 34.9 52.3

151 83.0 66.0 99.0



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



#10

Methyl Iodide

Concen: 19.848 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

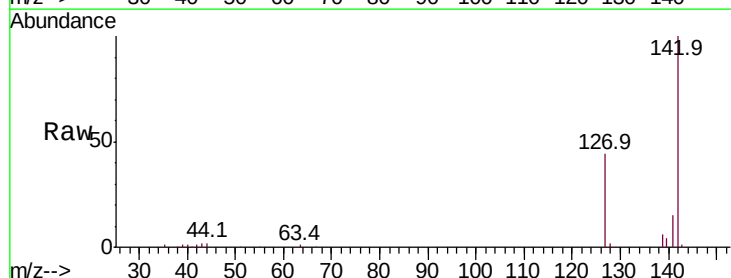
Tgt Ion:142 Resp: 56705

Ion Ratio Lower Upper

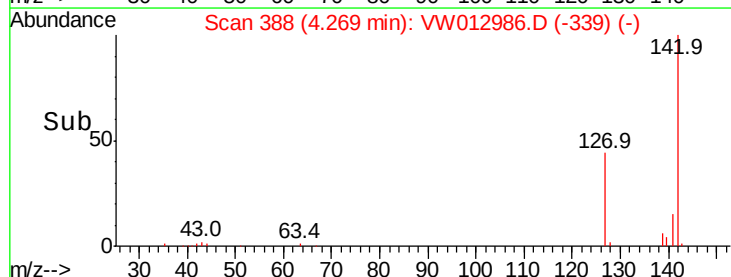
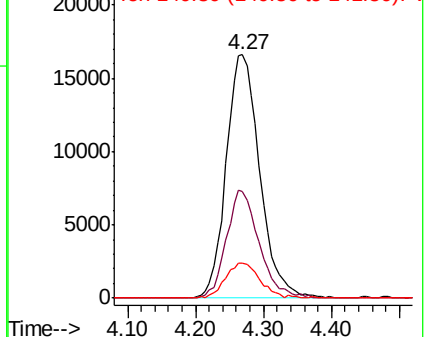
142 100

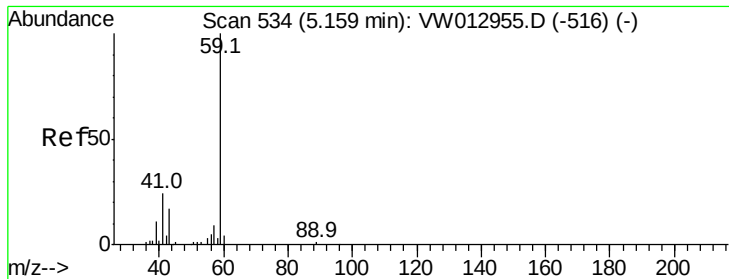
127 43.3 34.7 52.1

141 14.5 12.2 18.2



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



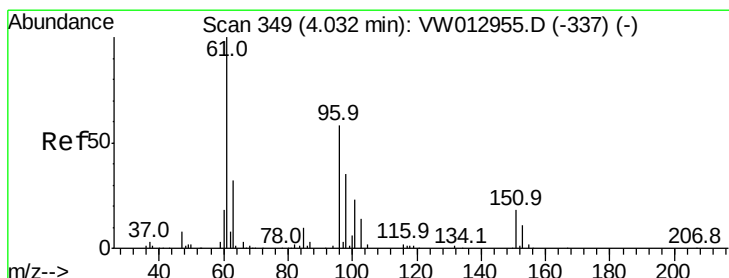
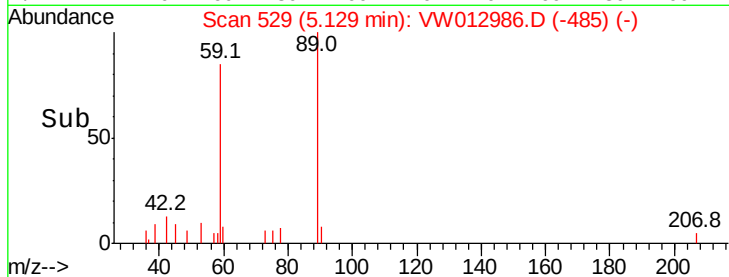
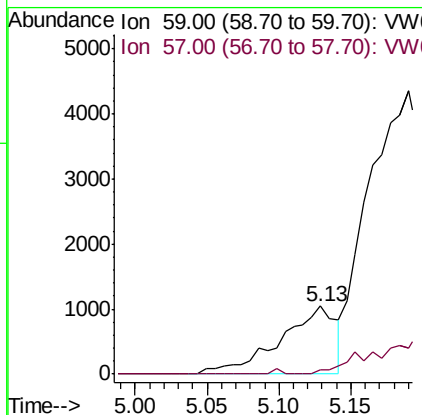
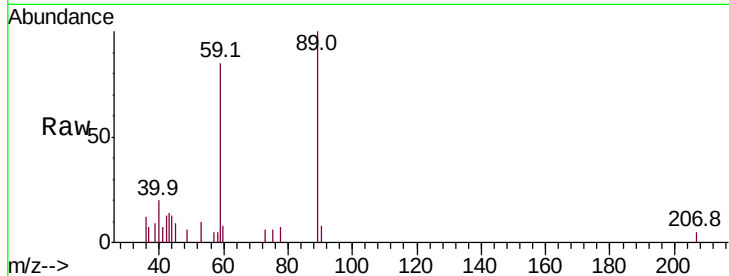


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :

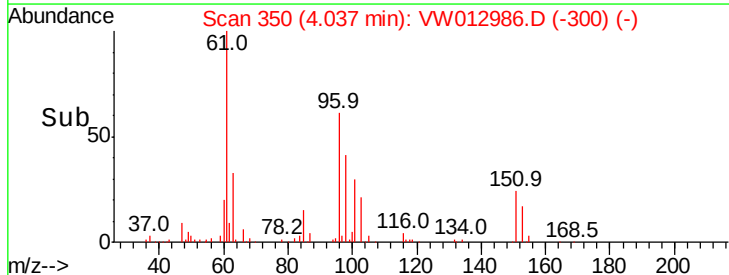
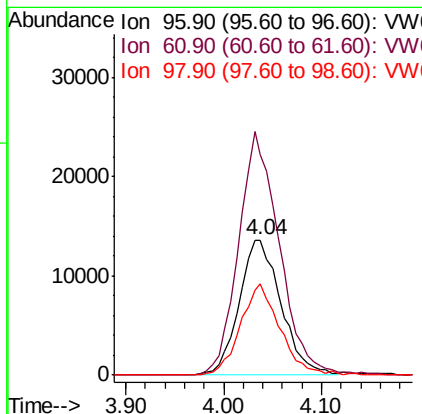
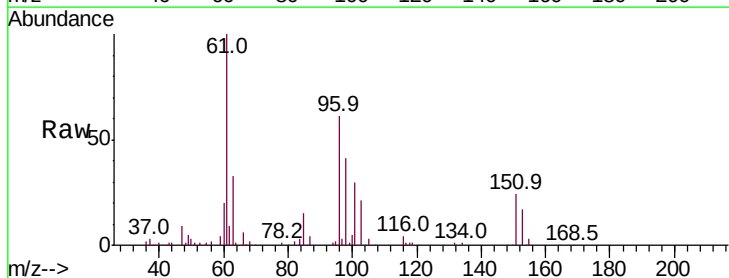
Tot Ion: 59 Resp: 2811
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

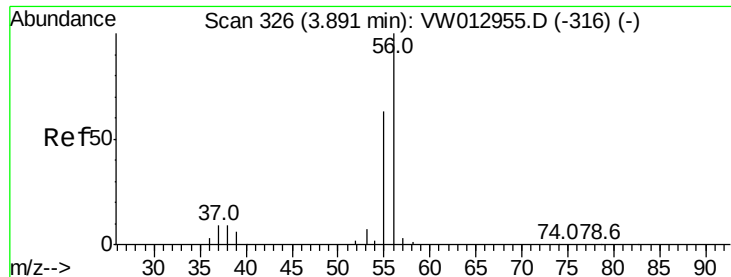


#12

1,1-Dichloroethene
Concen: 19.603 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 96 Resp: 40690
Ion Ratio Lower Upper
96 100
61 163.5 137.9 206.9
98 67.3 48.9 73.3





#13

Acrolein

Concen: 109.532 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

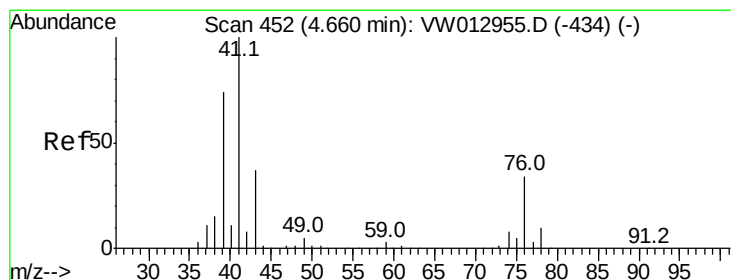
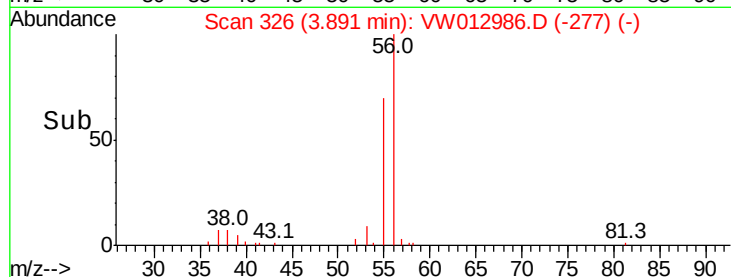
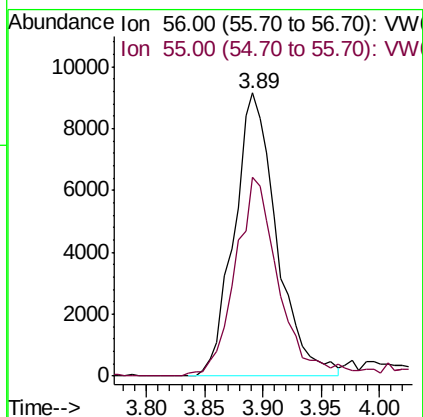
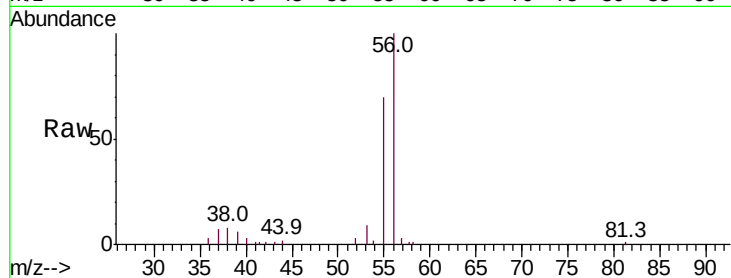
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 23232

Ion Ratio Lower Upper

56 100

55 71.8 55.8 83.8



#14

Allyl chloride

Concen: 19.660 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

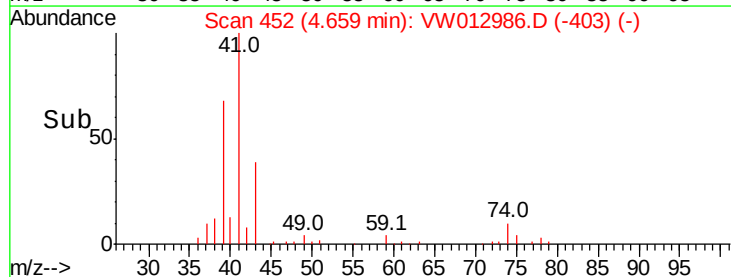
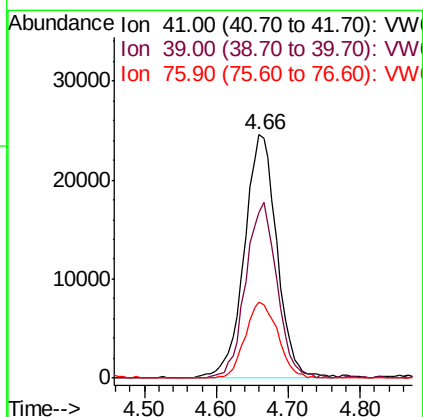
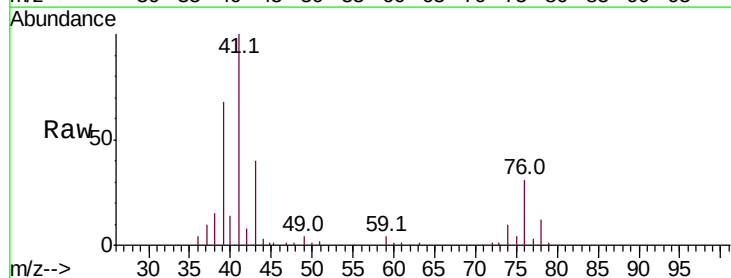
Tgt Ion: 41 Resp: 77473

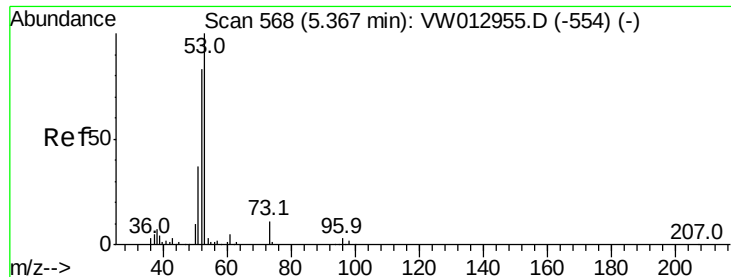
Ion Ratio Lower Upper

41 100

39 69.3 56.7 85.1

76 31.0 25.1 37.7





#15

Acrylonitrile

Concen: 112.375 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampled :

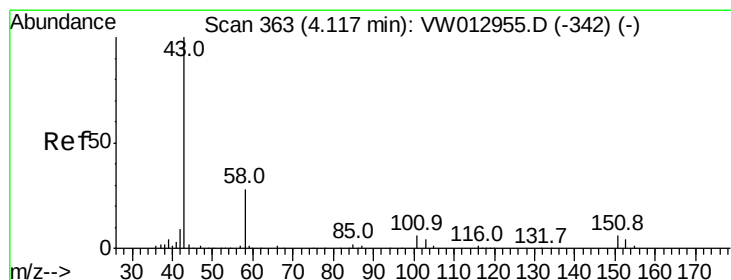
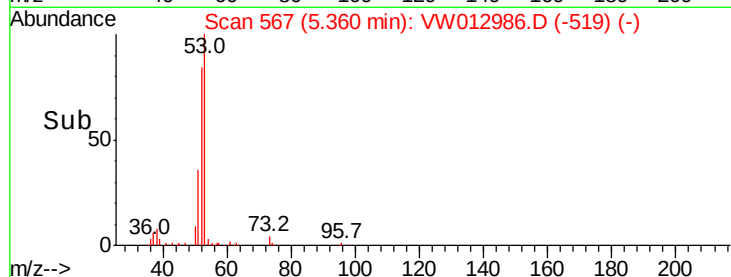
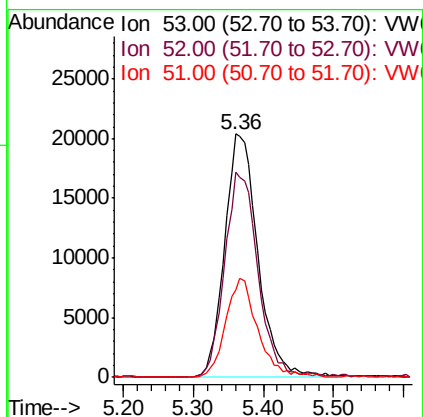
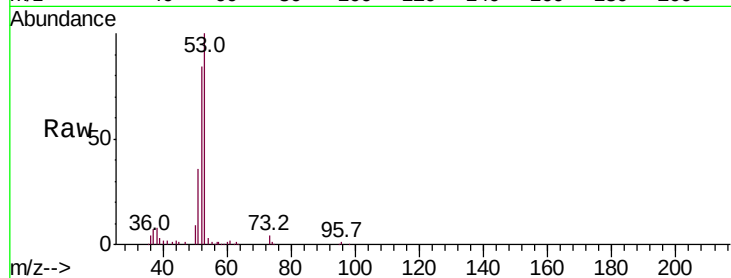
Tot Ion: 53 Resp: 67456

Ion Ratio Lower Upper

53 100

52 84.4 66.6 100.0

51 39.4 29.8 44.8



#16

Acetone

Concen: 95.122 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012986.D

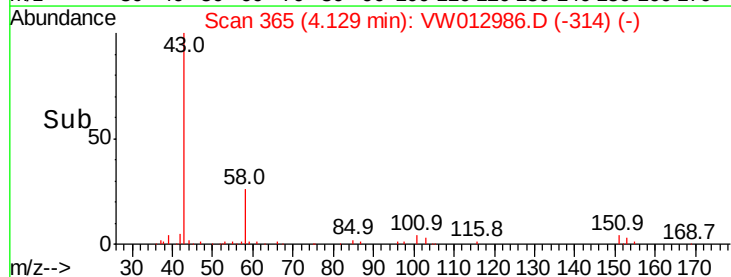
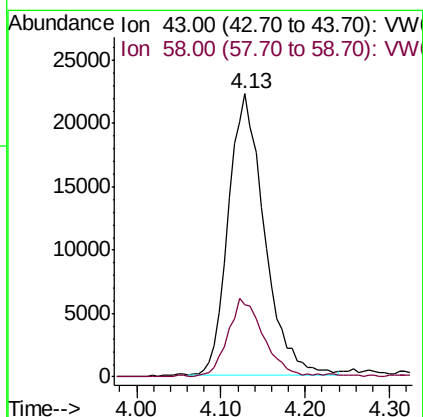
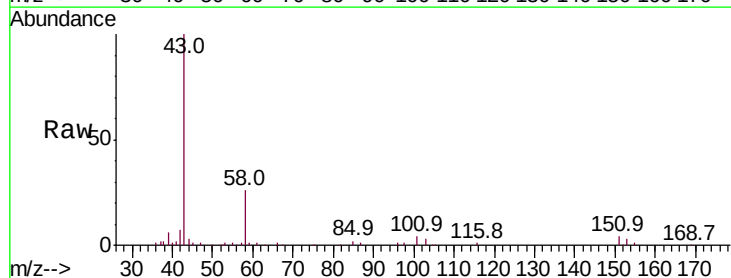
Acq: 14 Sep 2019 12:03

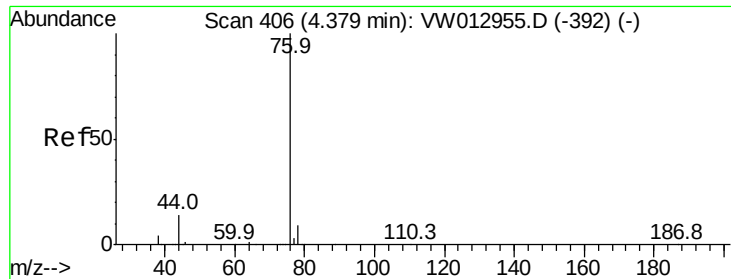
Tgt Ion: 43 Resp: 64623

Ion Ratio Lower Upper

43 100

58 25.8 22.3 33.5

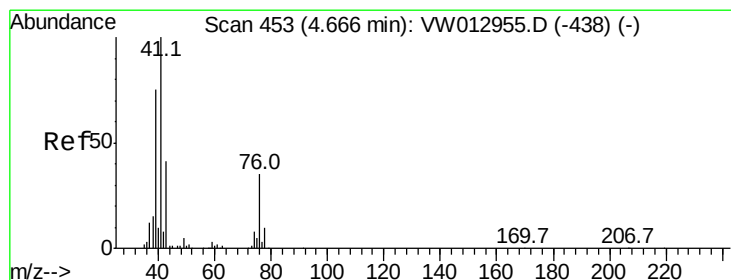
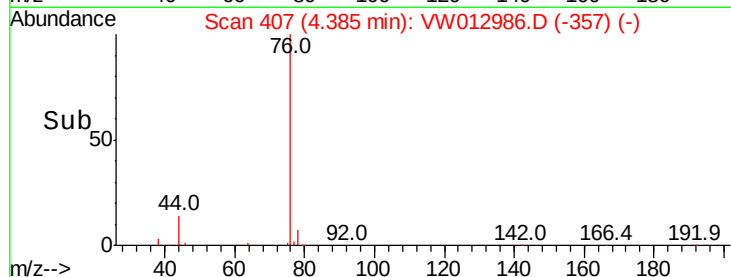
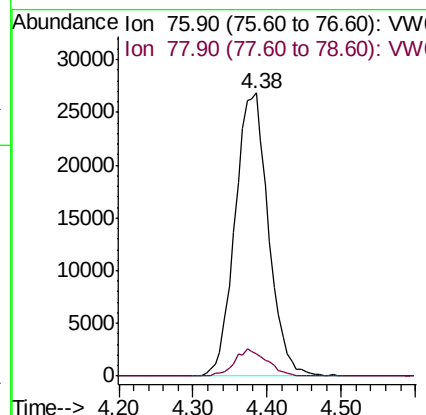
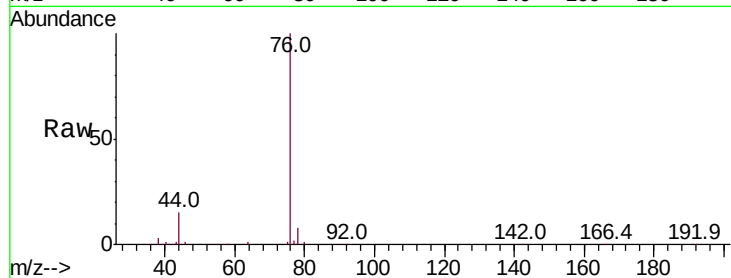




#17
Carbon Disulfide
Concen: 20.387 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

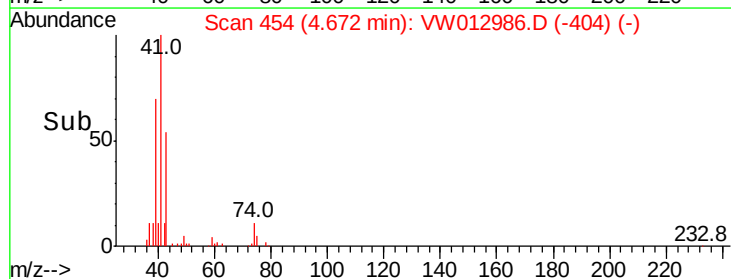
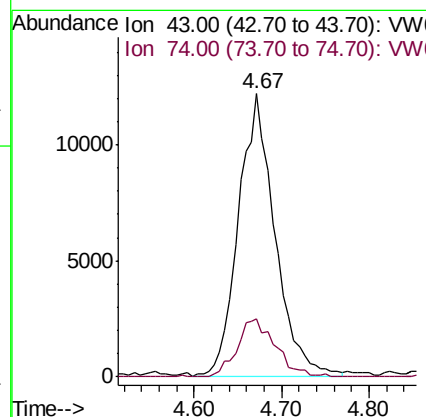
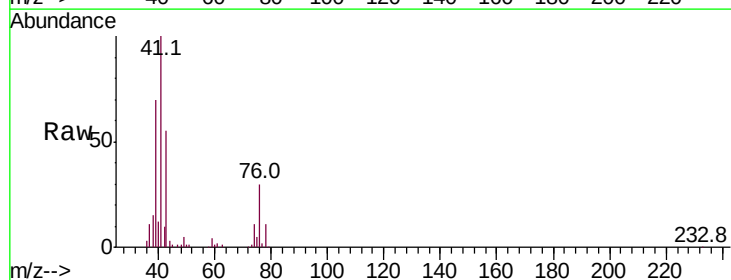
Instrument :
MSVOA_W
ClientSampled :

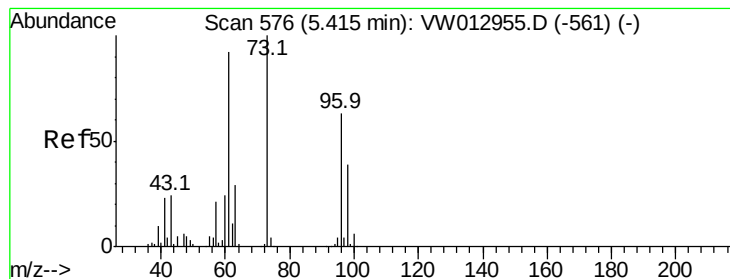
Tot Ion: 76 Resp: 84332
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 22.438 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 43 Resp: 35504
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8



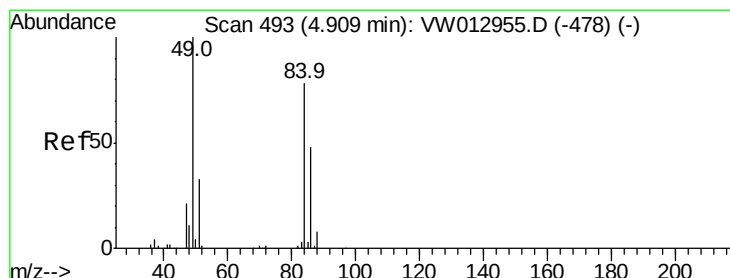
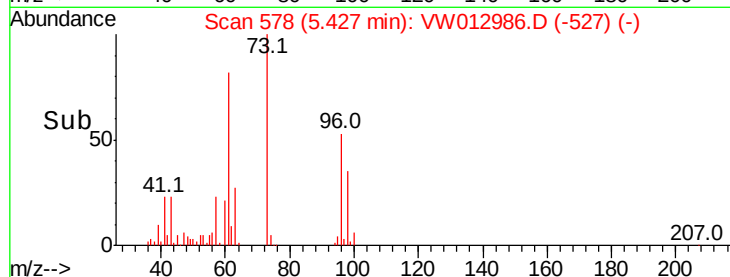
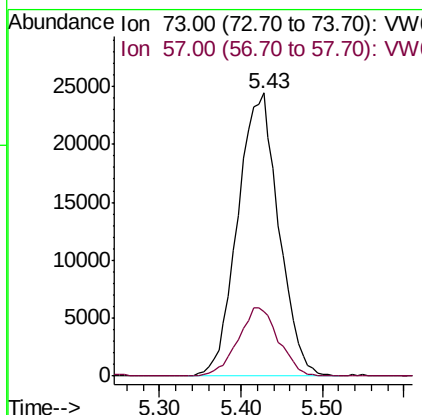
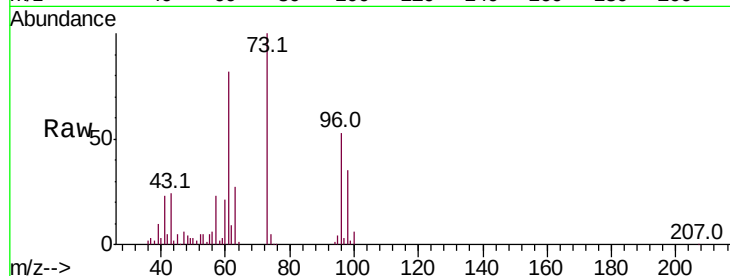


#19

Methyl tert-butyl Ether
 Concen: 20.851 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampled :

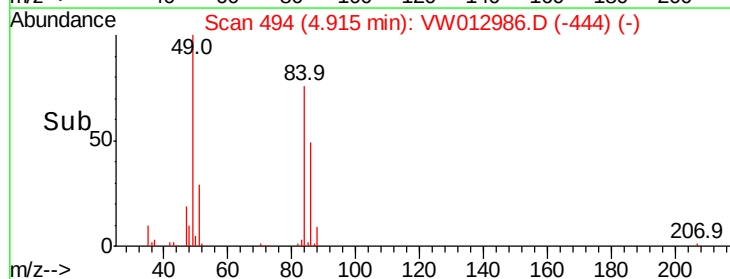
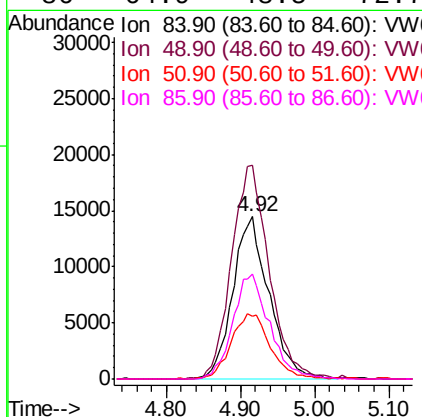
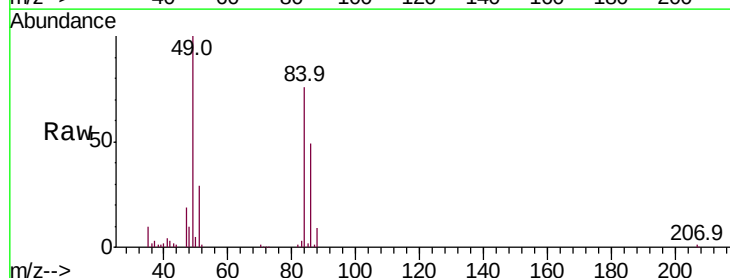
Tot Ion: 73 Resp: 85436
 Ion Ratio Lower Upper
 73 100
 57 22.9 16.4 24.6

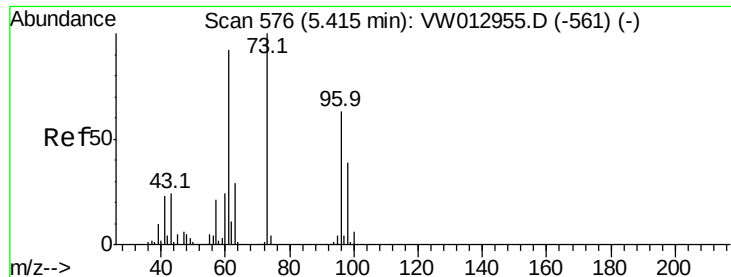


#20

Methylene Chloride
 Concen: 18.741 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 84 Resp: 49326
 Ion Ratio Lower Upper
 84 100
 49 130.8 102.0 153.0
 51 38.3 34.0 51.0
 86 64.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.496 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :

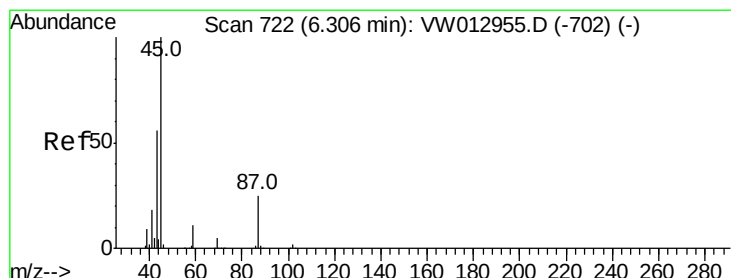
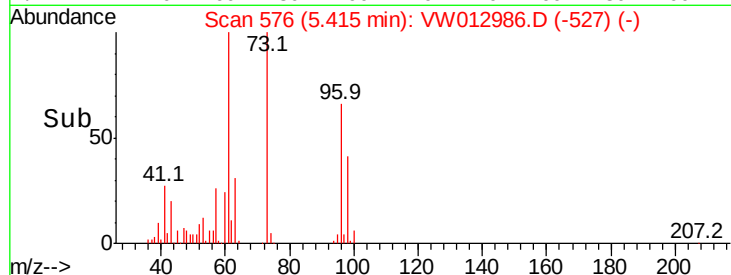
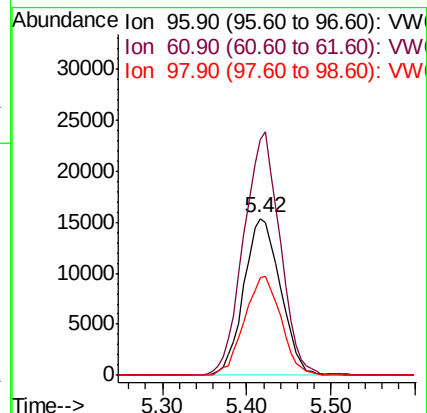
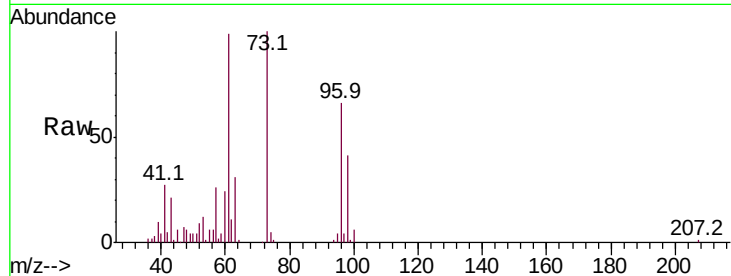
Tot Ion: 96 Resp: 45565

Ion Ratio Lower Upper

96 100

61 150.1 116.2 174.2

98 62.4 49.8 74.6



#22

Diisopropyl ether

Concen: 21.052 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion: 45 Resp: 172339

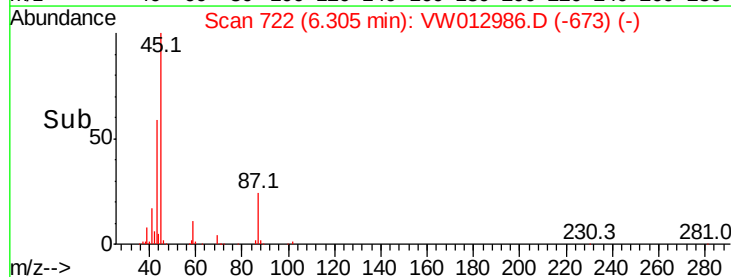
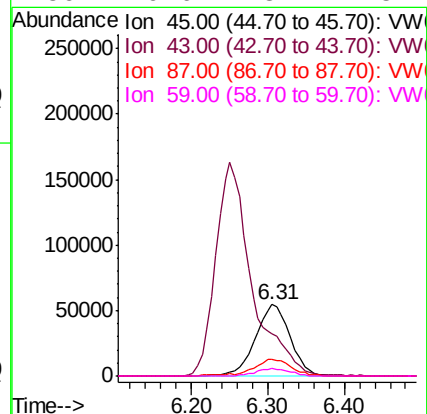
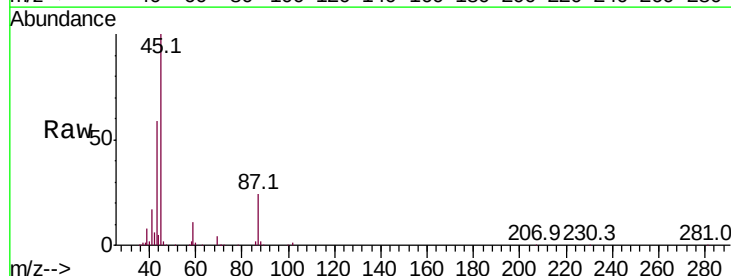
Ion Ratio Lower Upper

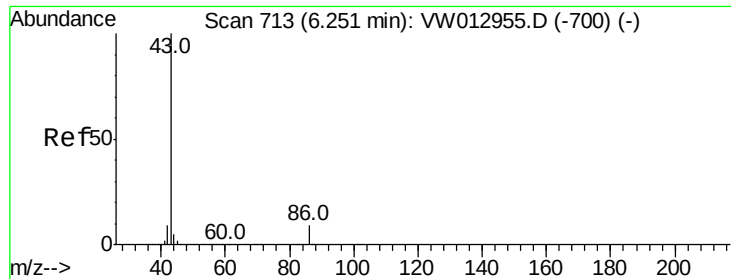
45 100

43 58.0 44.6 67.0

87 23.4 20.0 30.0

59 10.6 8.7 13.1

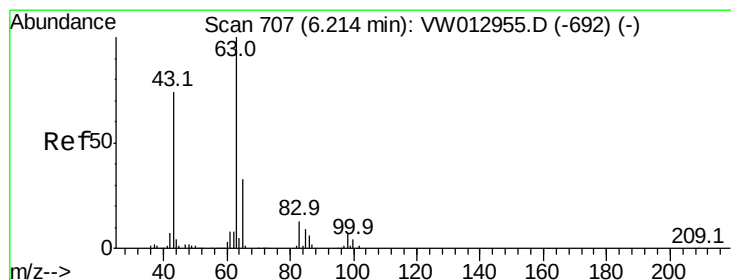
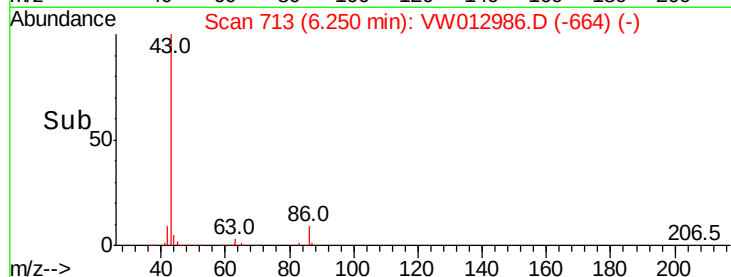
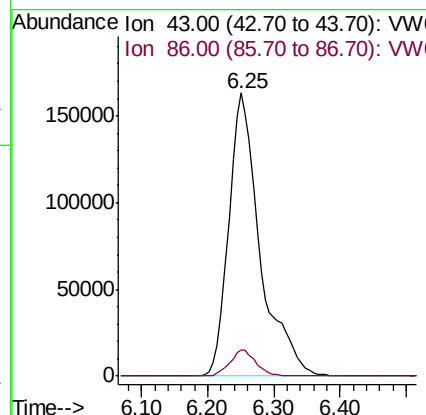
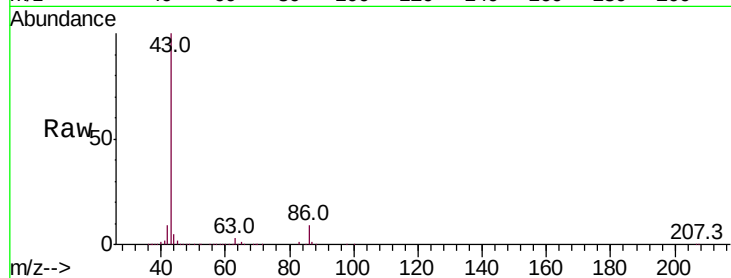




#23
 Vinyl Acetate
 Concen: 109.065 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

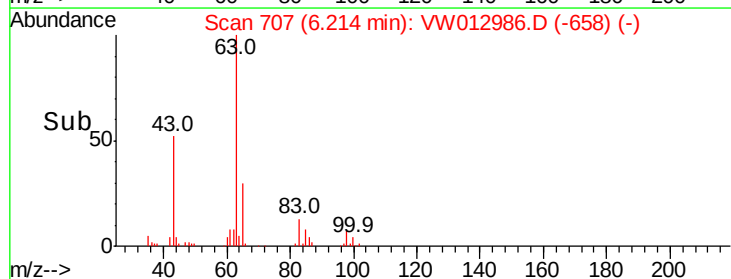
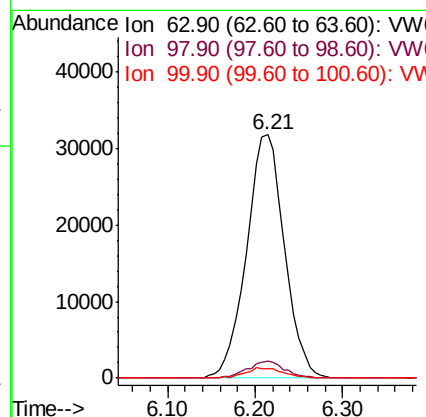
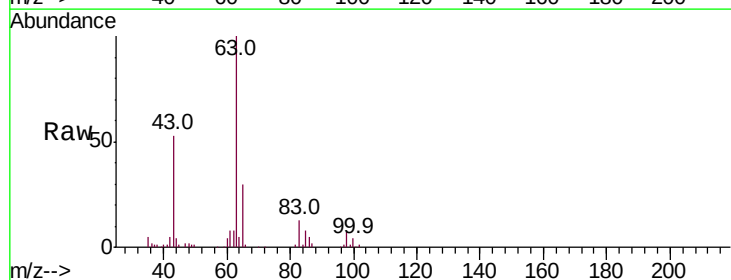
Instrument :
 MSVOA_W
 ClientSampleId :

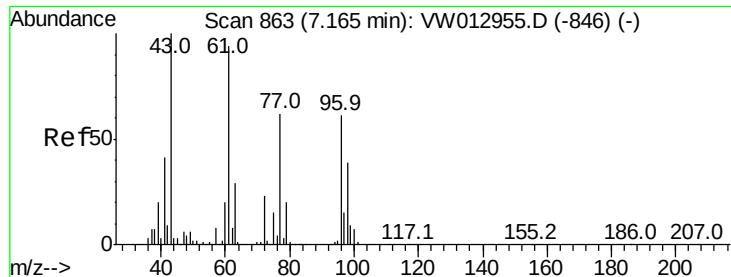
Tot Ion: 43 Resp: 534755
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.267 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 63 Resp: 95660
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 111.596 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

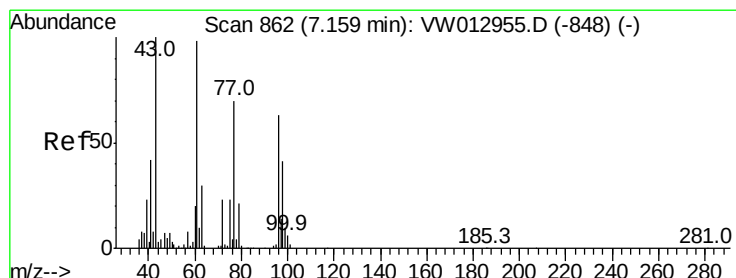
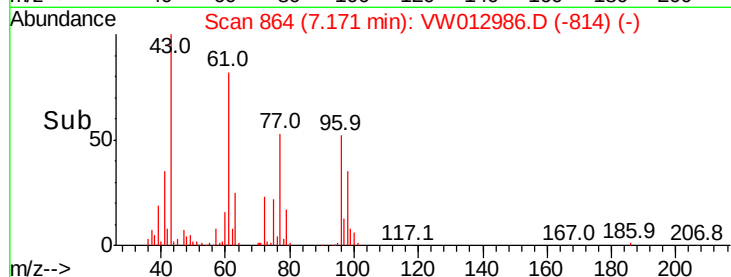
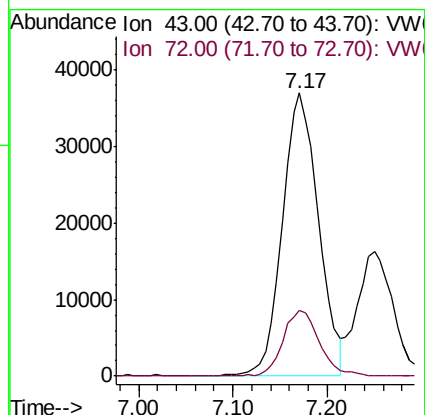
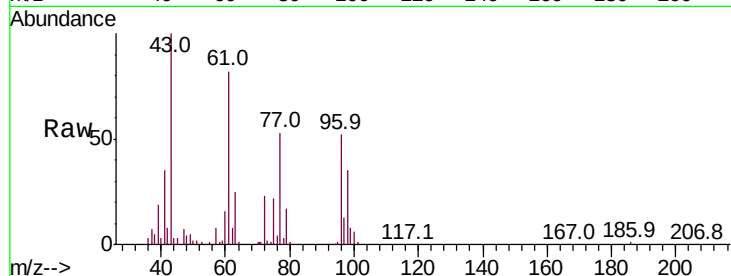
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 98553

Ion Ratio Lower Upper

43 100

72 23.1 18.2 27.4



#26

2,2-Dichloropropane

Concen: 19.070 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW012986.D

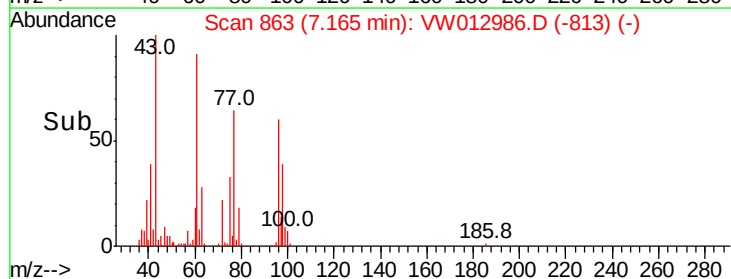
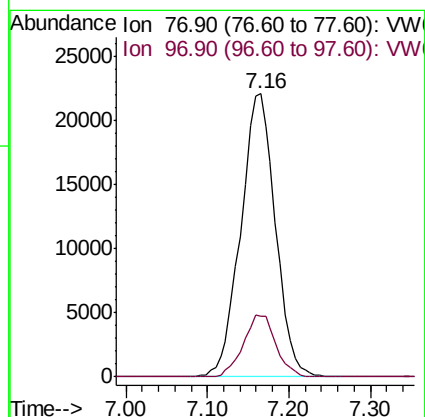
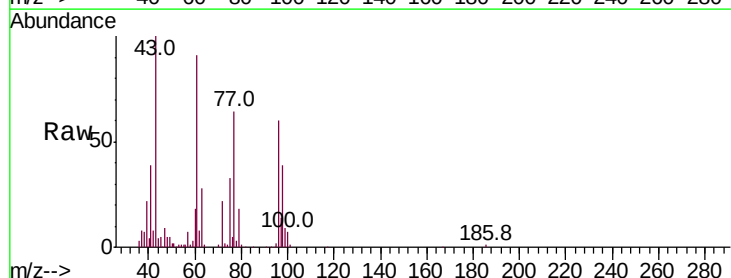
Acq: 14 Sep 2019 12:03

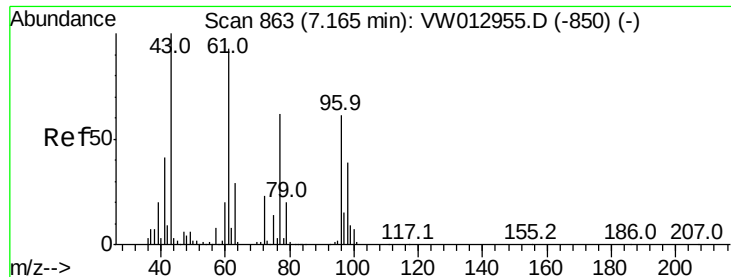
Tgt Ion: 77 Resp: 65159

Ion Ratio Lower Upper

77 100

97 20.7 10.7 32.1



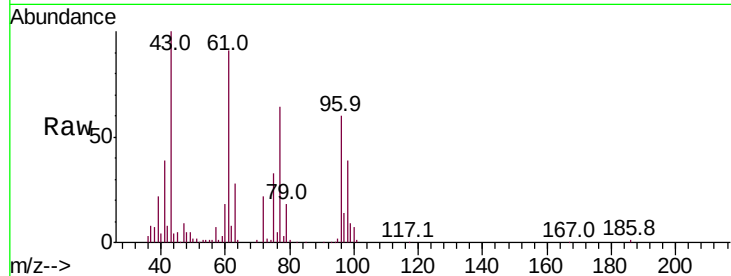


#27

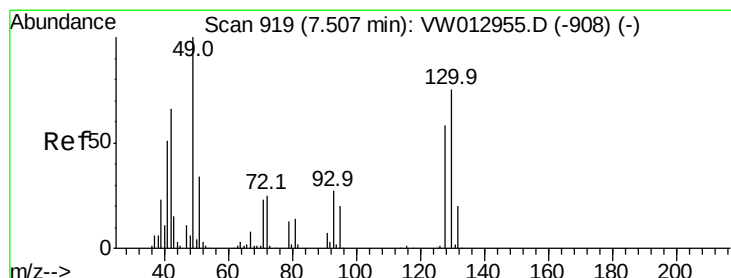
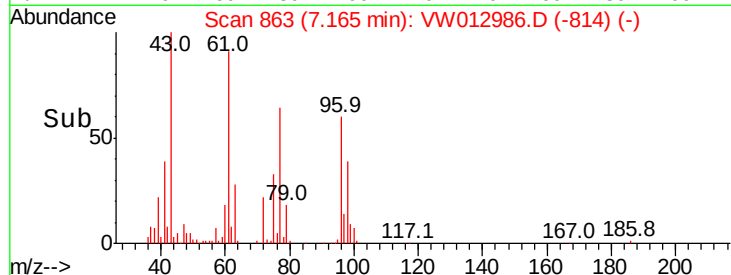
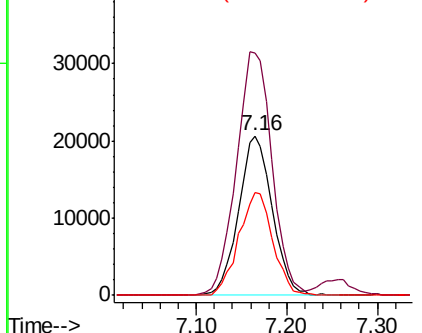
cis-1,2-Dichloroethene
Concen: 19.871 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 52890
Ion Ratio Lower Upper
96 100
61 162.0 0.0 315.4
98 65.1 0.0 131.0



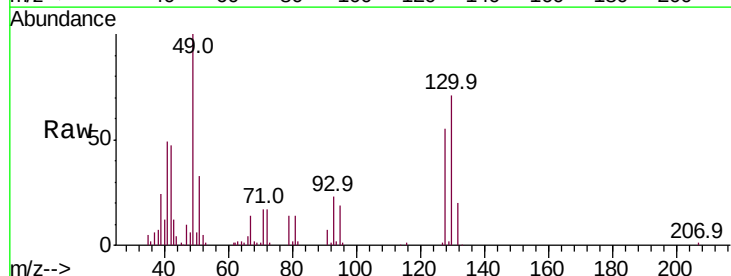
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



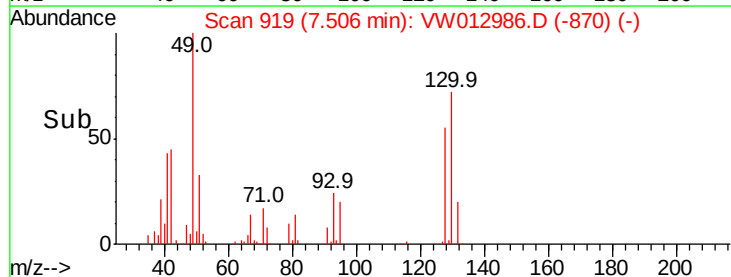
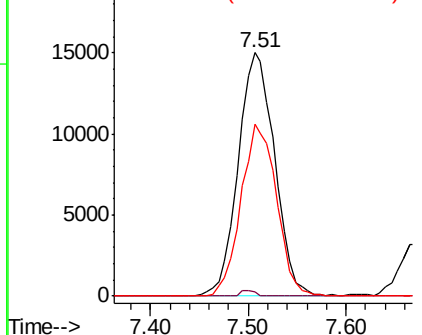
#28

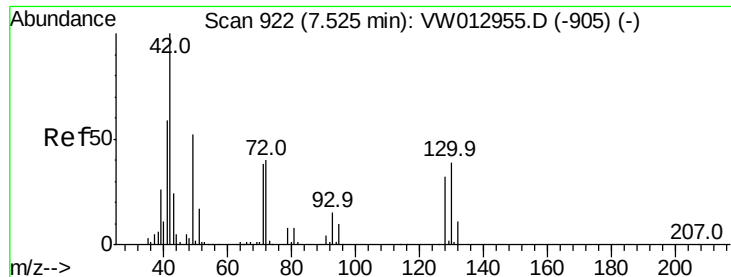
Bromochloromethane
Concen: 19.615 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 49 Resp: 38967
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.4
130 68.7 57.8 86.6



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

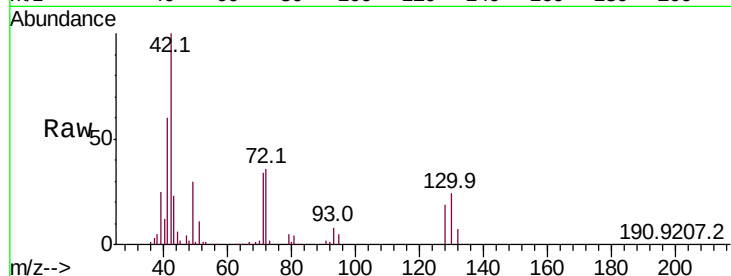




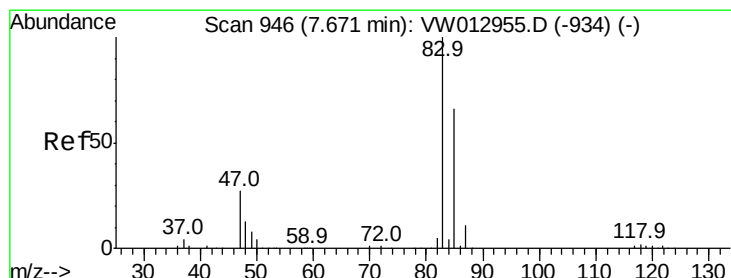
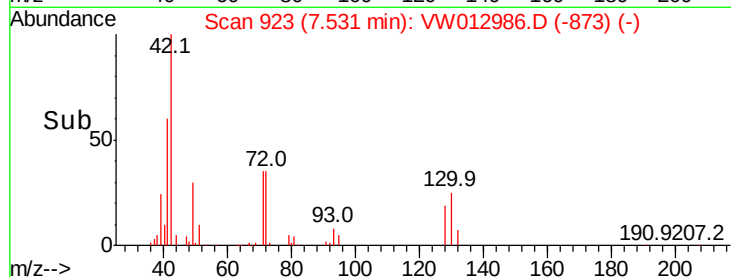
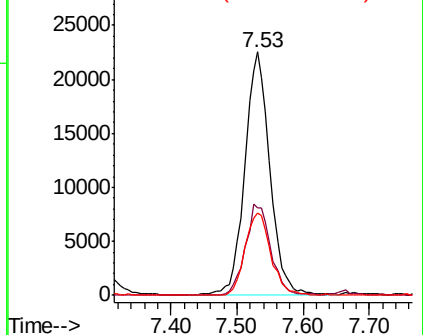
#29
Tetrahydrofuran
Concen: 118.354 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.4	47.0
71	34.6	29.8	44.8

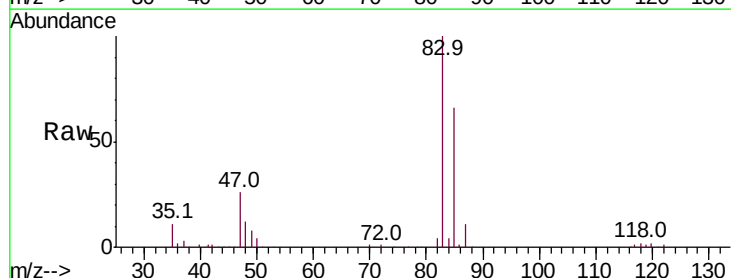


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

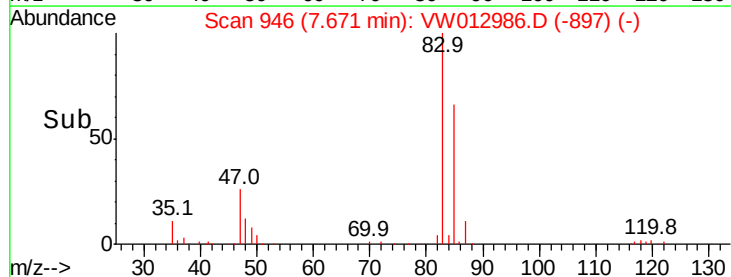
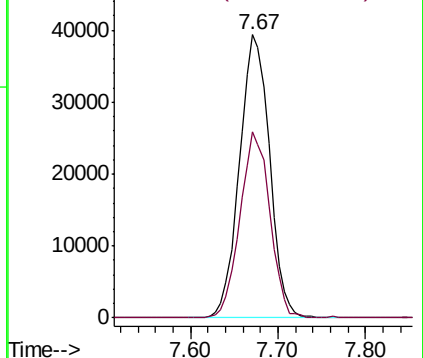


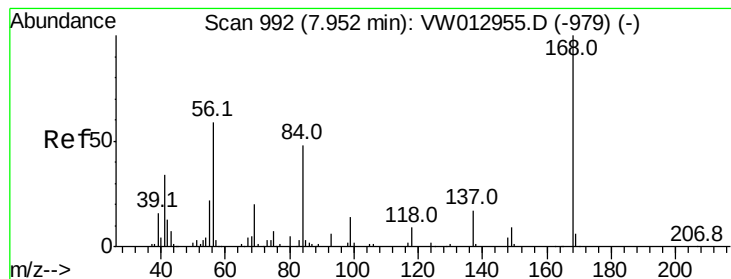
#30
Chloroform
Concen: 19.627 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2



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





#31

Cyclohexane

Concen: 20.933 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampled :

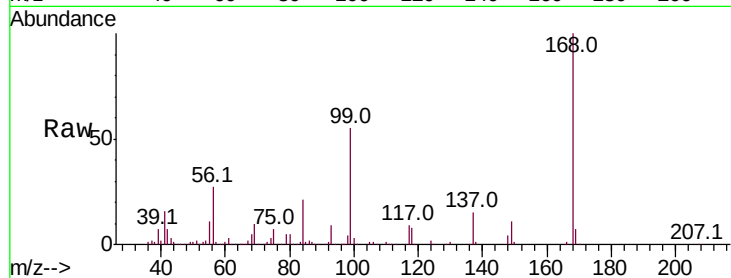
Tot Ion: 56 Resp: 82924

Ion Ratio Lower Upper

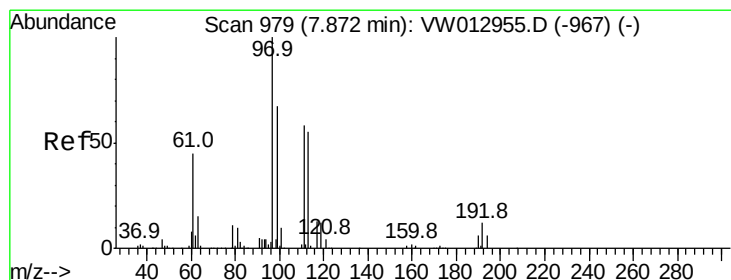
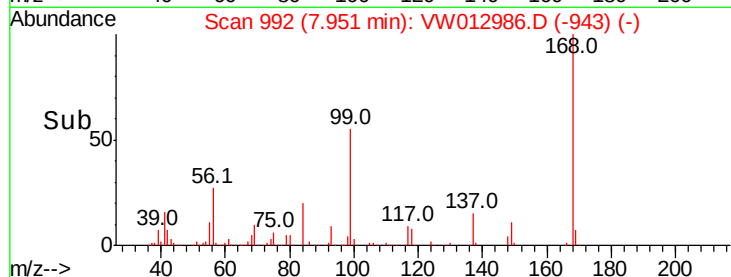
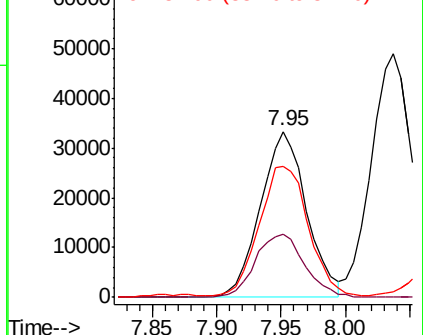
56 100

69 37.9 27.0 40.6

84 77.1 66.2 99.2



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: 19.753 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

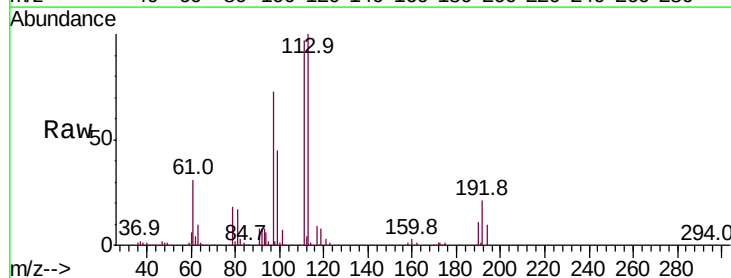
Tgt Ion: 97 Resp: 78014

Ion Ratio Lower Upper

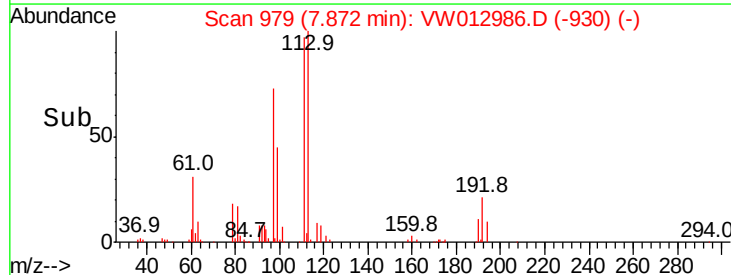
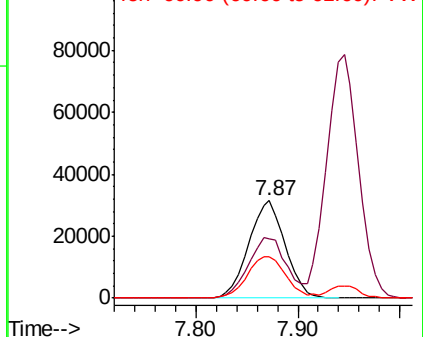
97 100

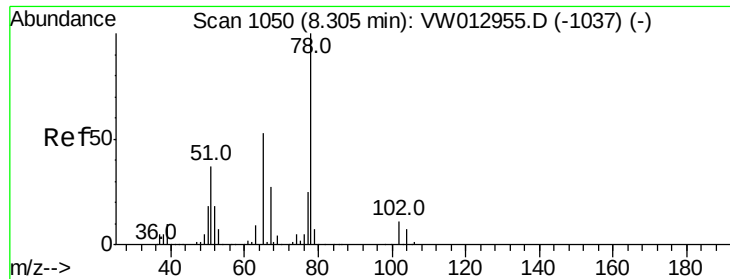
99 64.5 53.0 79.4

61 45.9 36.5 54.7



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: 52.539 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

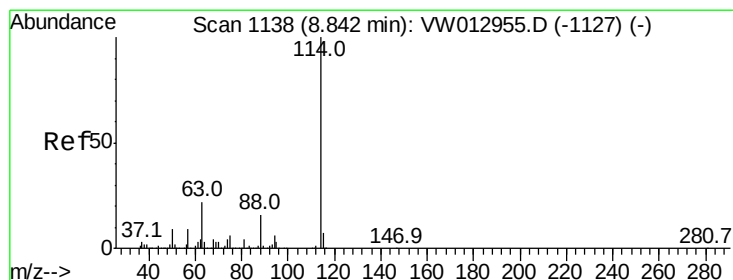
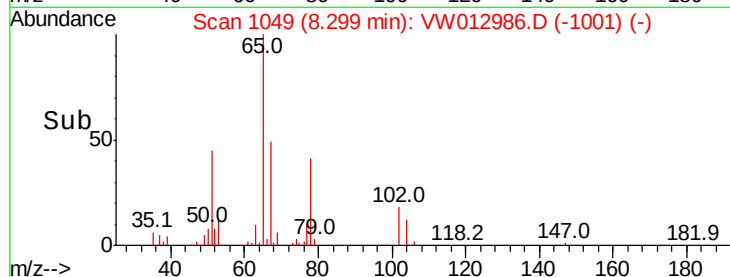
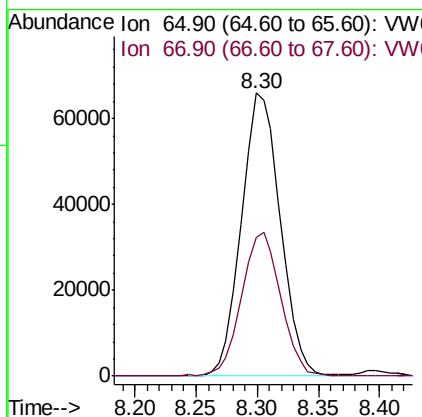
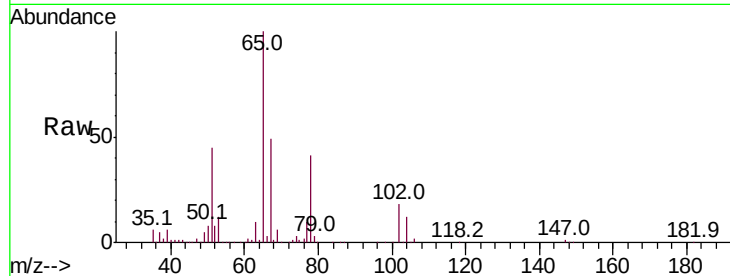
Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 145917

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

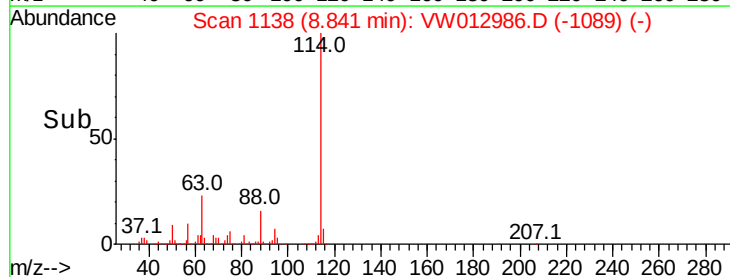
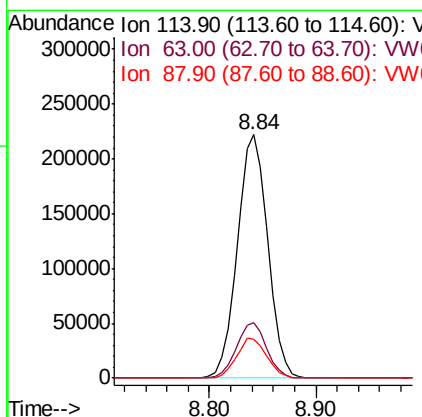
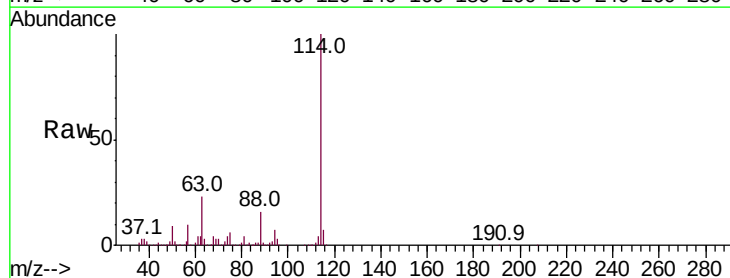
Delta R.T. -0.00 min

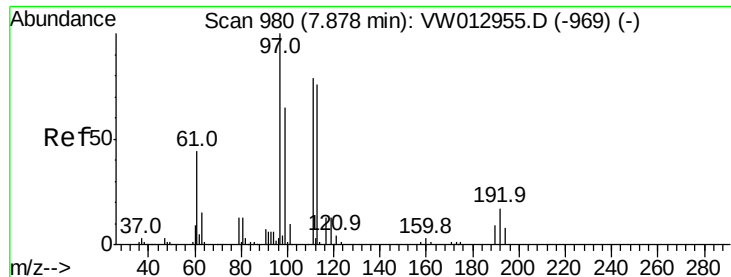
Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion: 114 Resp: 444619

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.4
88	16.1	0.0	31.6

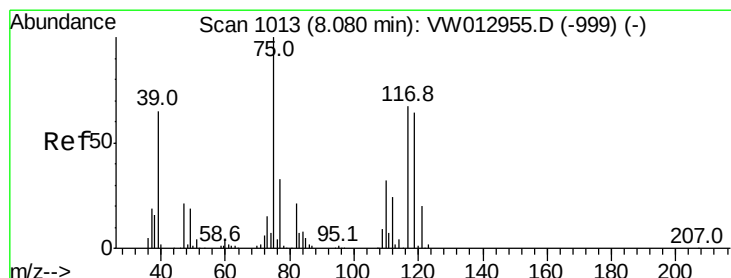
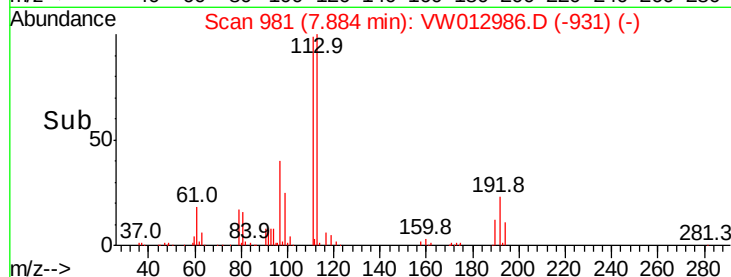
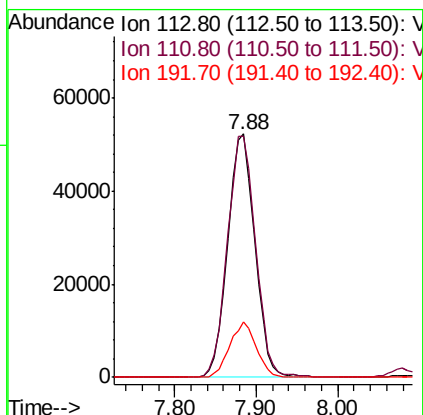
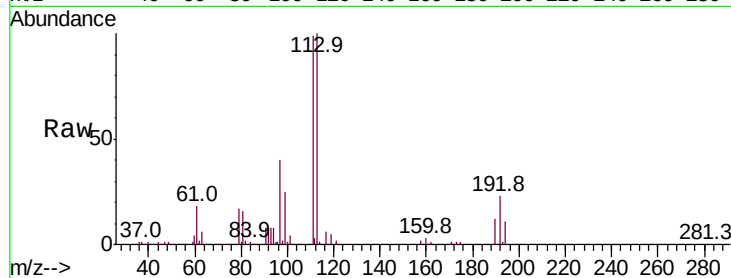




#35
 Dibromofluoromethane
 Concen: 49.710 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

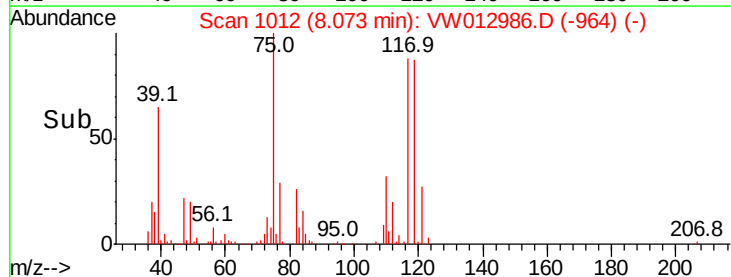
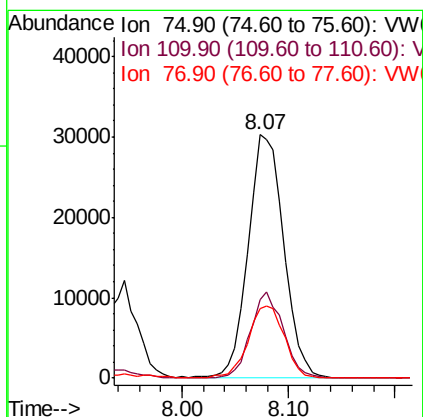
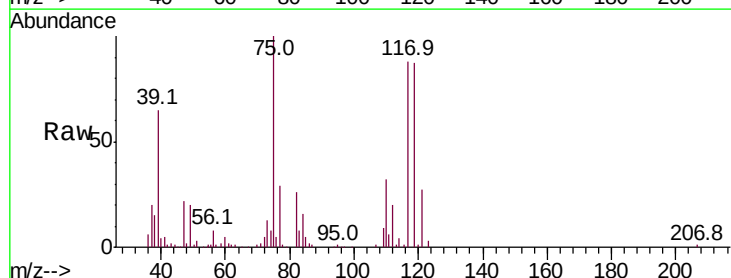
Instrument :
 MSVOA_W
 ClientSampleId :

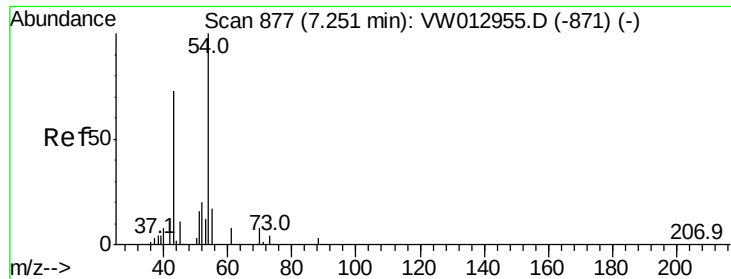
Tot Ion:113 Resp: 119928
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.2 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 20.111 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 75 Resp: 71454
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.4 49.1
 77 30.1 25.1 37.7

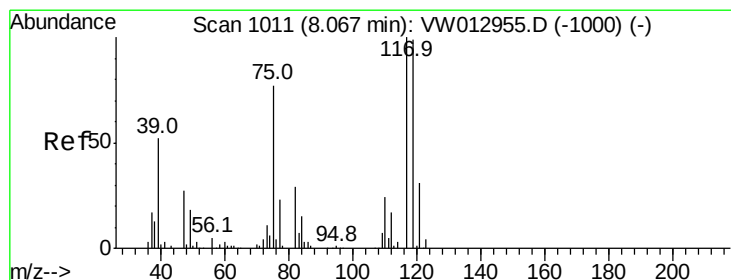
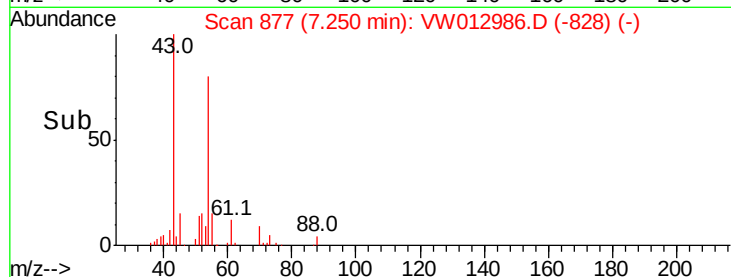
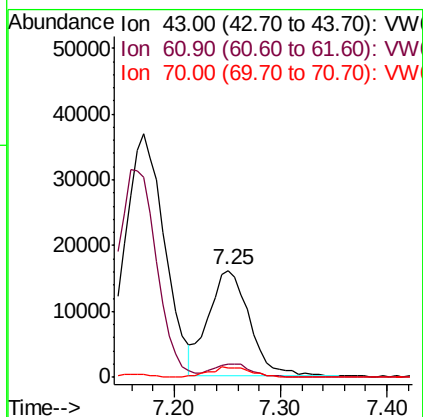
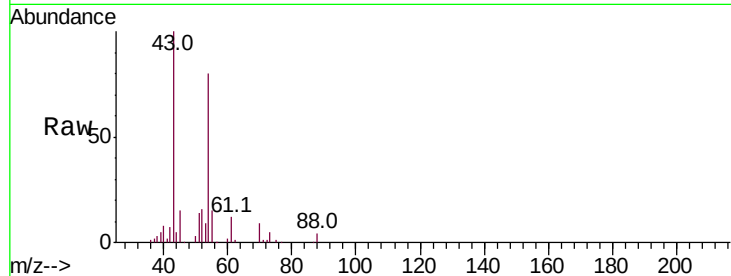




#37
Ethyl Acetate
Concen: 22.757 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

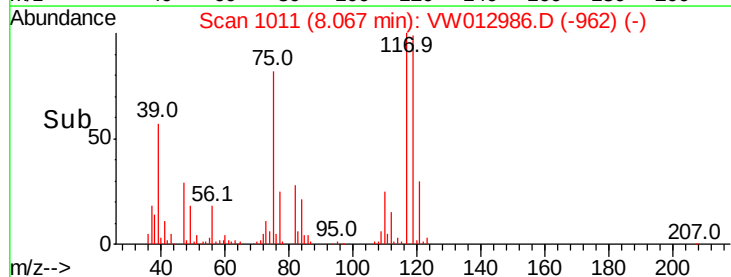
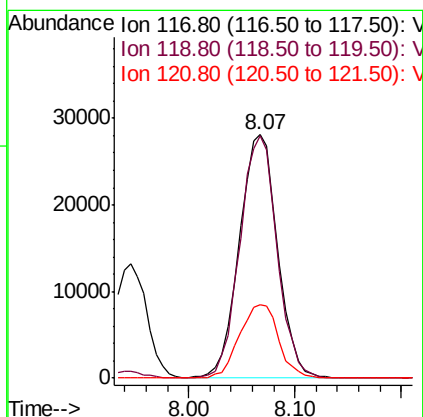
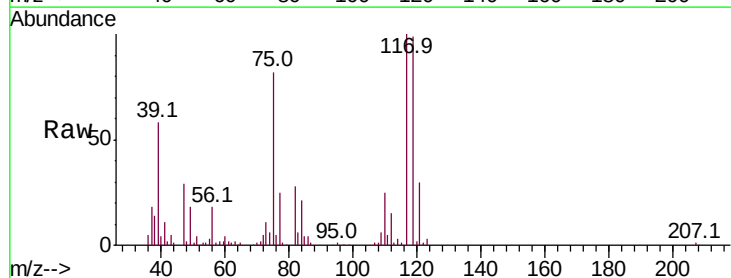
Instrument :
MSVOA_W
ClientSampled :

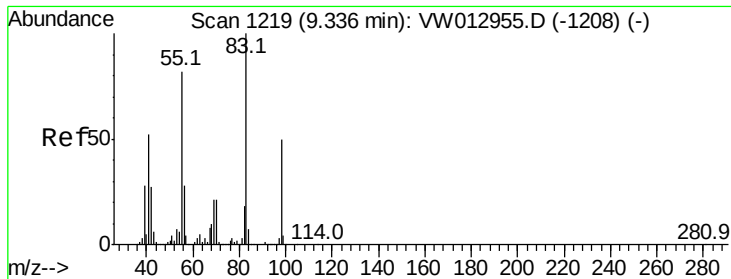
Tot Ion: 43 Resp: 42916
Ion Ratio Lower Upper
43 100
61 12.4 9.6 14.4
70 10.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.448 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 117 Resp: 70810
Ion Ratio Lower Upper
117 100
119 99.4 79.4 119.0
121 30.1 24.6 36.8

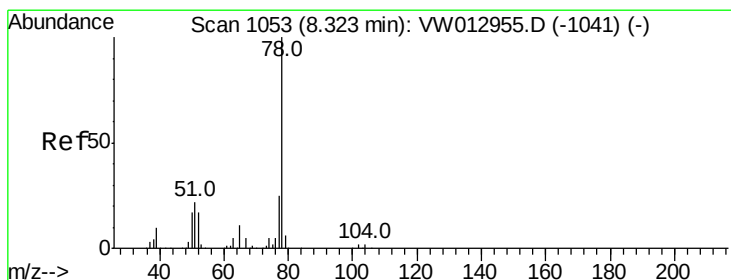
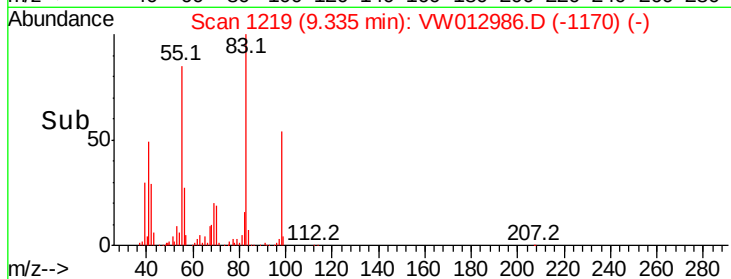
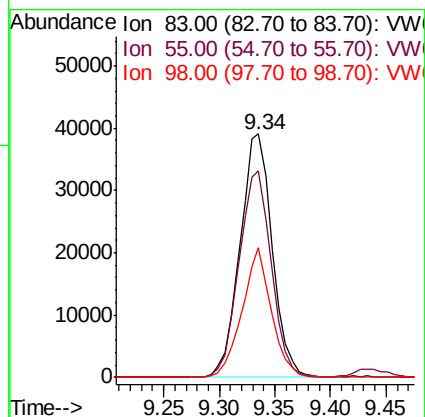
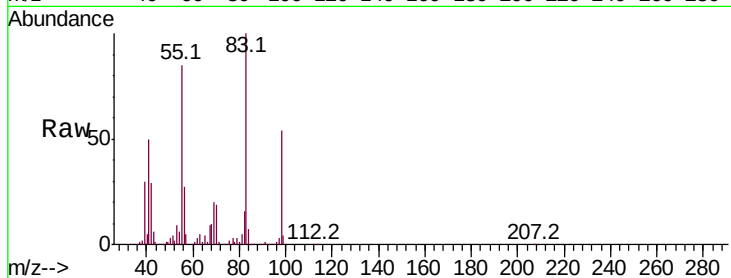




#39
Methylvlcyclohexane
Concen: 20.140 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

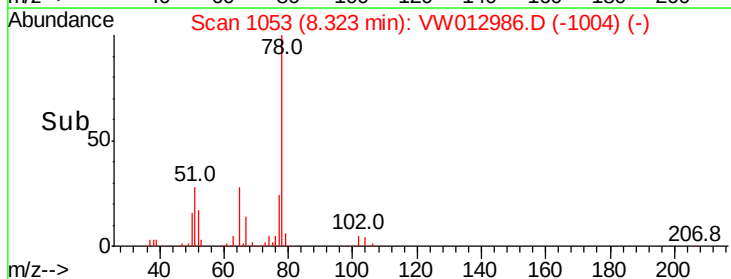
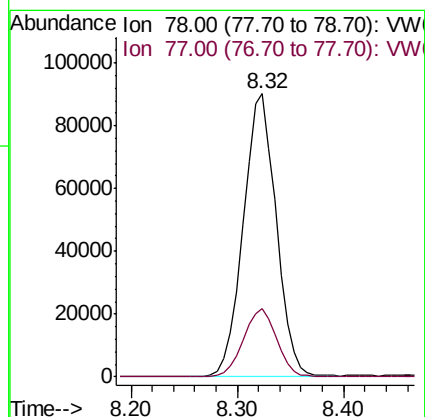
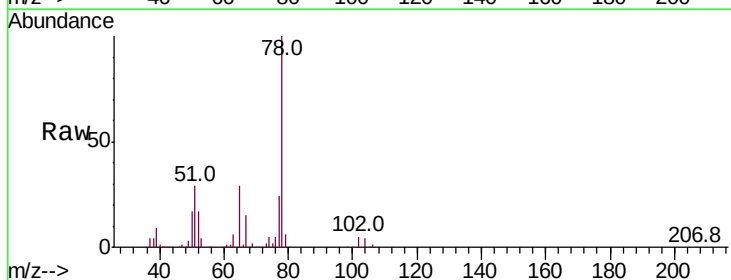
Instrument :
MSVOA_W
ClientSampled :

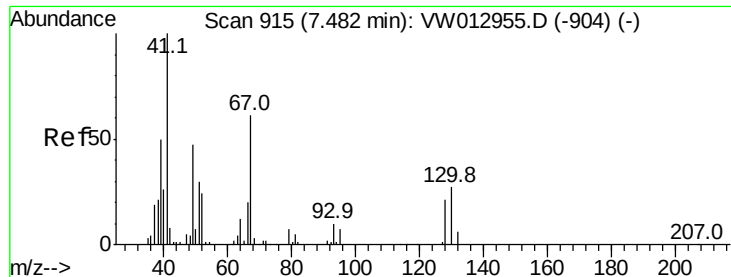
Tot Ion: 83 Resp: 78411
Ion Ratio Lower Upper
83 100
55 84.4 65.9 98.9
98 53.5 39.6 59.4



#40
Benzene
Concen: 19.842 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 78 Resp: 196806
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4

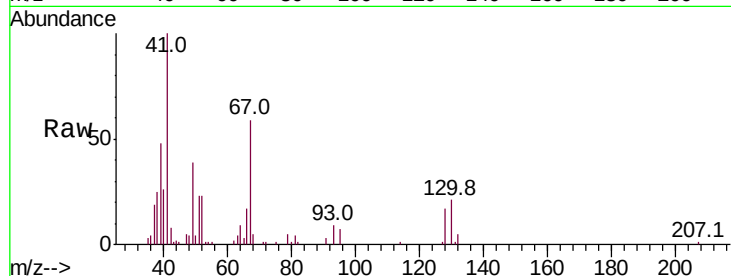




#41
Methacrylonitrile
Concen: 22.766 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	28273
Ion	Ratio	Lower	Upper
41	100		
39	52.0	48.2	72.4
67	56.5	47.5	71.3
52	25.6	21.0	31.4



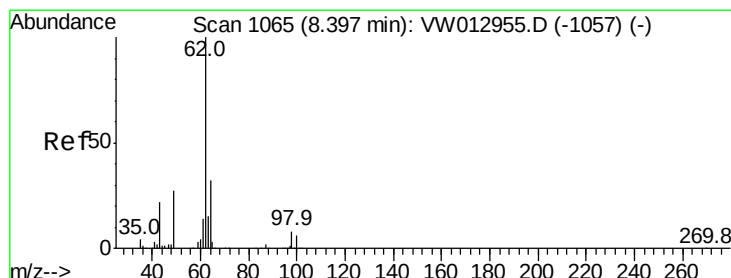
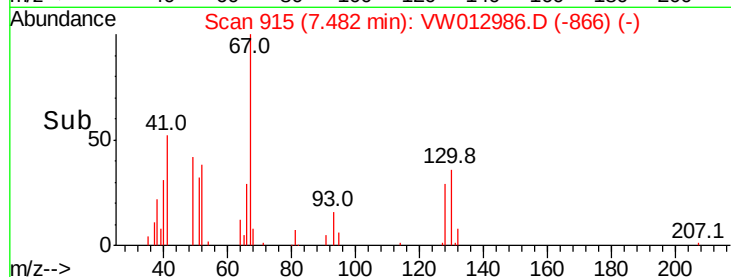
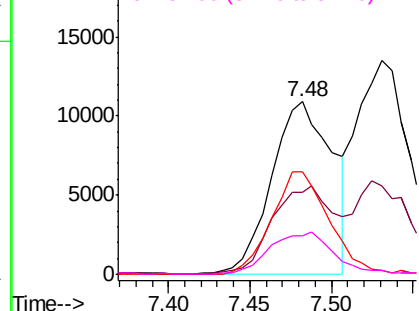
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

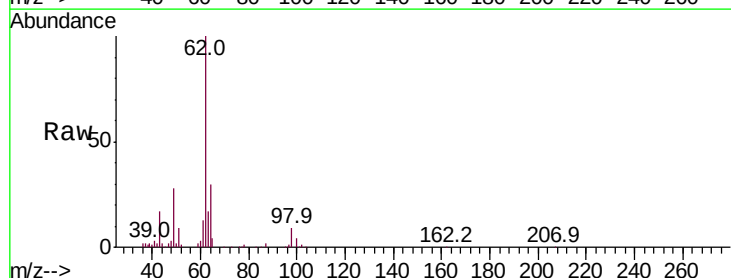
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

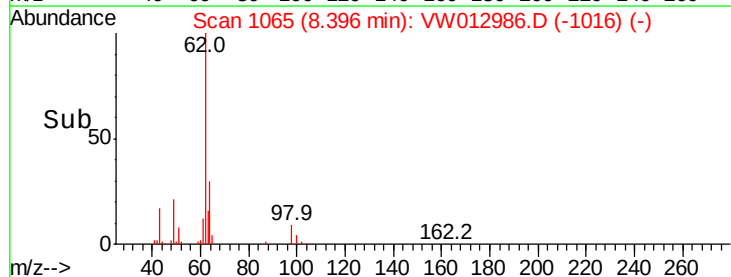
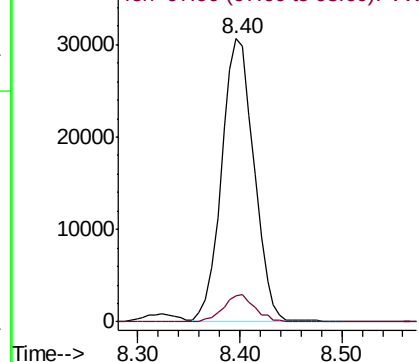
Tgt Ion:	62	Resp:	67801
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.8

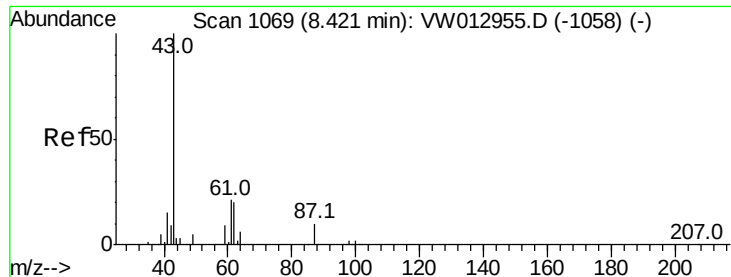


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.390 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampled :

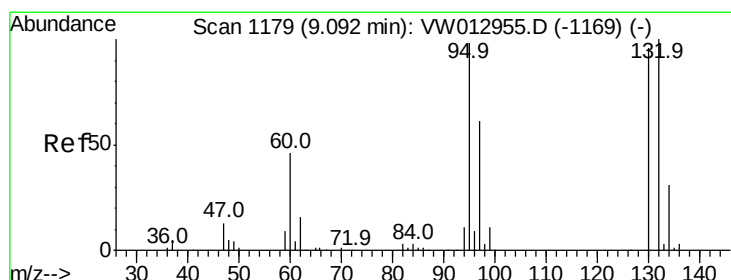
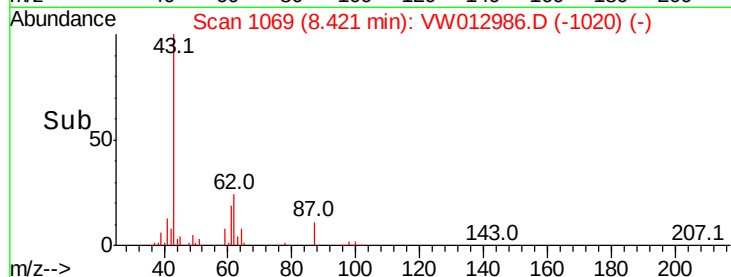
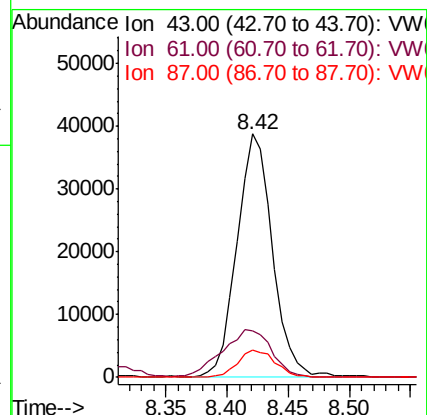
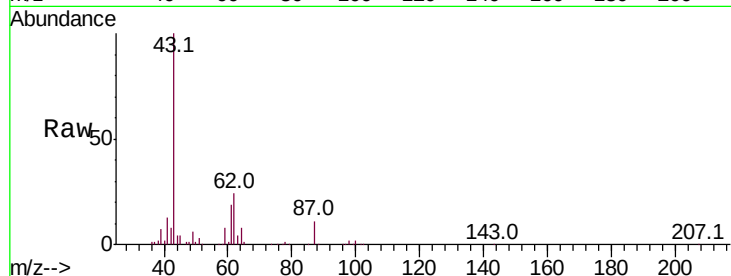
Tot Ion: 43 Resp: 77451

Ion Ratio Lower Upper

43 100

61 27.8 22.7 34.1

87 11.9 9.4 14.2



#44

Trichloroethene

Concen: 19.036 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012986.D

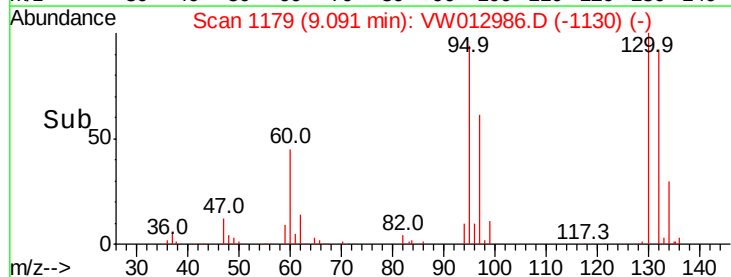
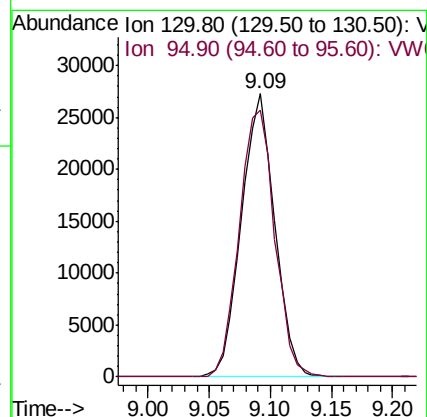
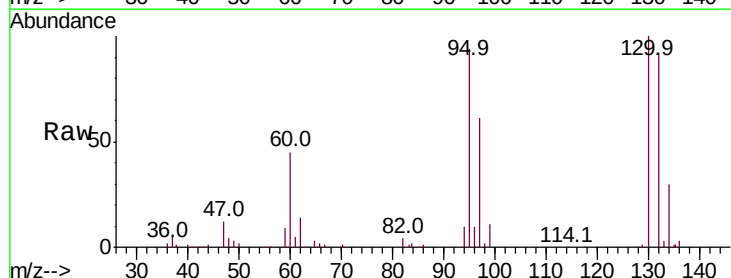
Acq: 14 Sep 2019 12:03

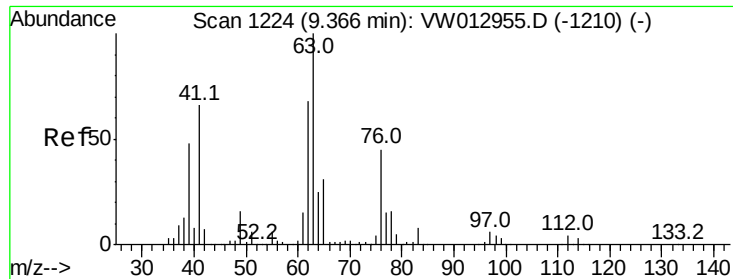
Tgt Ion: 130 Resp: 51715

Ion Ratio Lower Upper

130 100

95 94.0 0.0 204.4

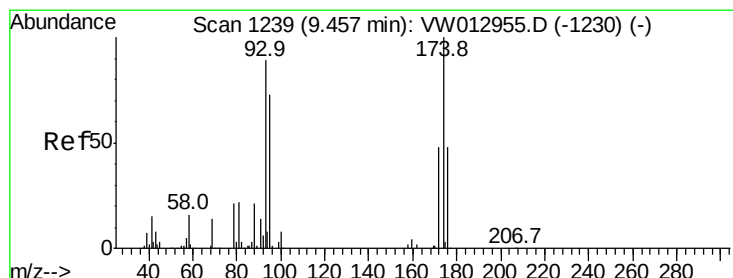
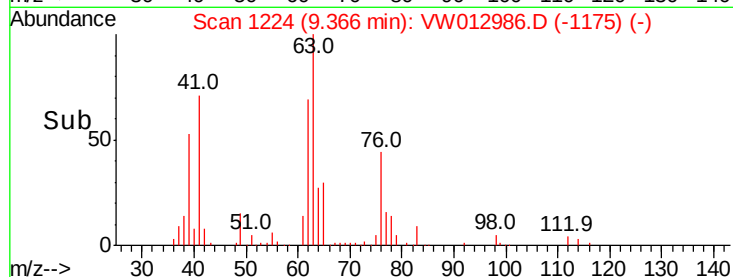
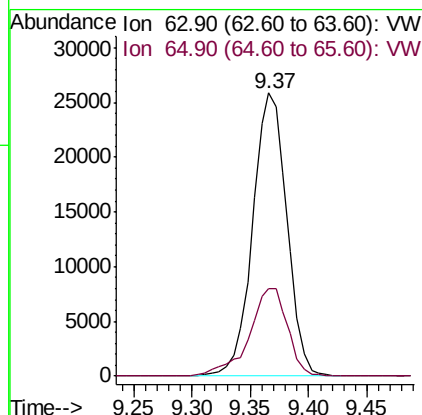
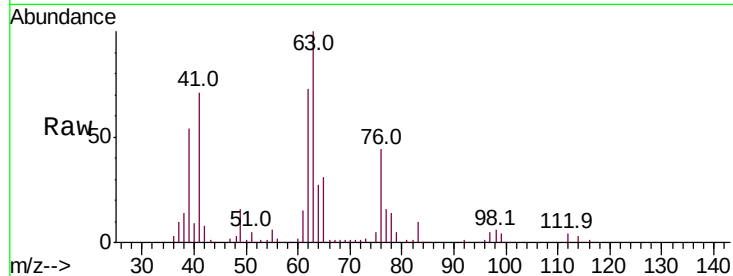




#45
 1,2-Dichloropropane
 Concen: 20.066 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

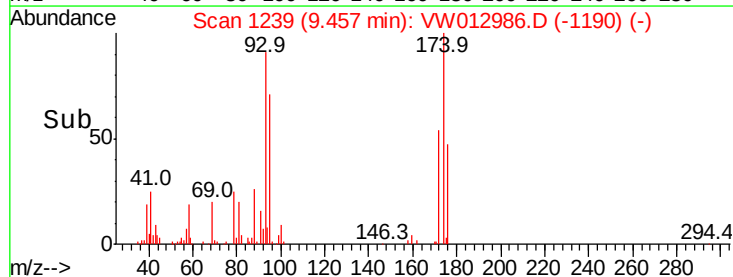
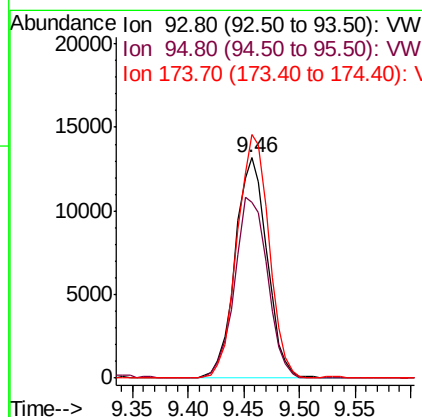
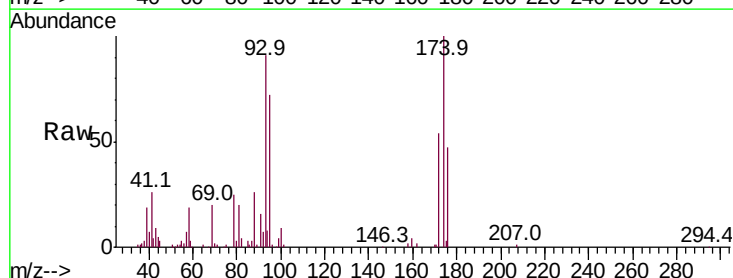
Instrument :
 MSVOA_W
 ClientSampled :

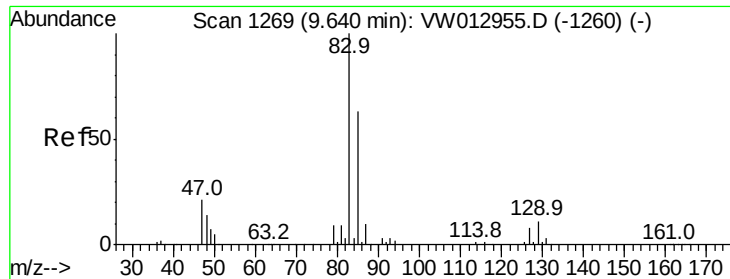
Tot Ion: 63 Resp: 52878
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 20.779 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 93 Resp: 26234
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.4
 174 110.0 90.5 135.7

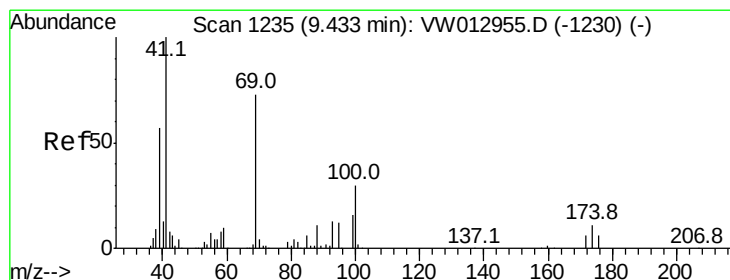
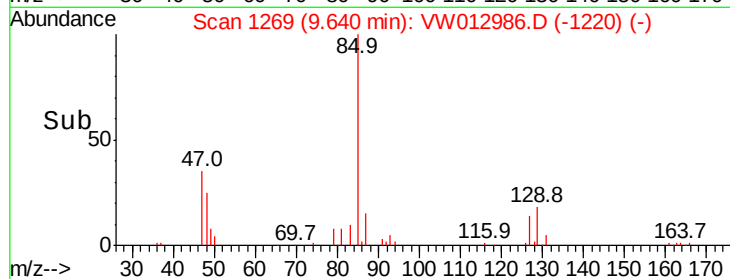
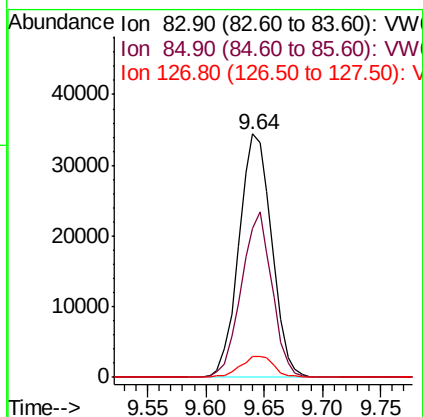
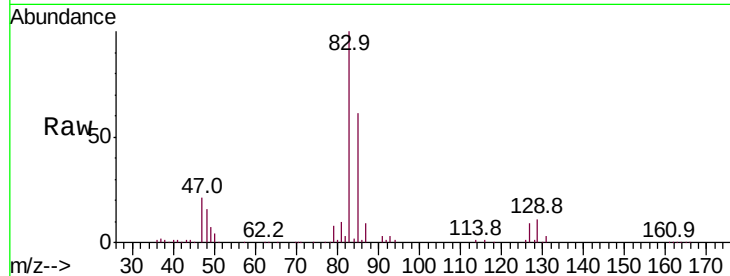




#47
 Bromodichloromethane
 Concen: 19.099 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

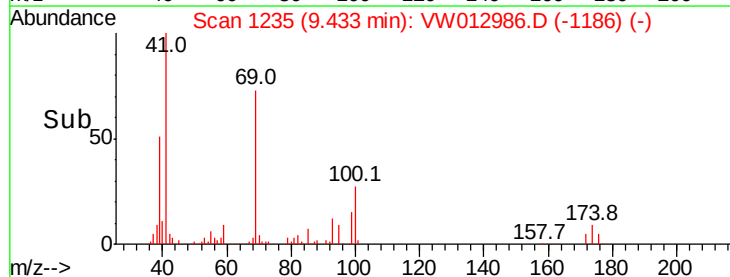
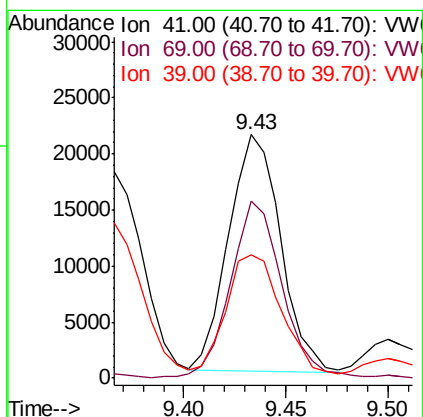
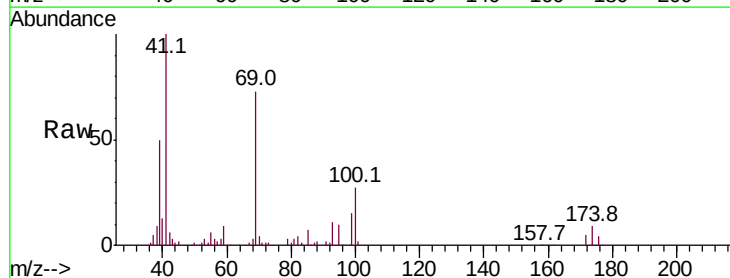
Instrument :
 MSVOA_W
 ClientSampleId :

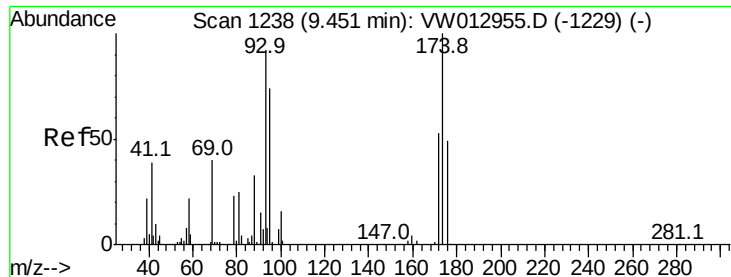
Tot Ion	83	Resp	67635
Ion Ratio	100		
85	61.1	50.6	75.8
127	8.7	6.7	10.1



#48
 Methyl methacrylate
 Concen: 21.982 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	41	Resp	37354
Ion Ratio	100		
69	73.6	62.8	94.2
39	56.2	48.5	72.7





#49

1,4-Dioxane

Concen: 449.727 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

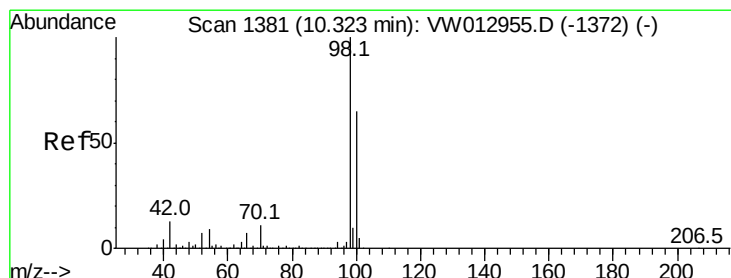
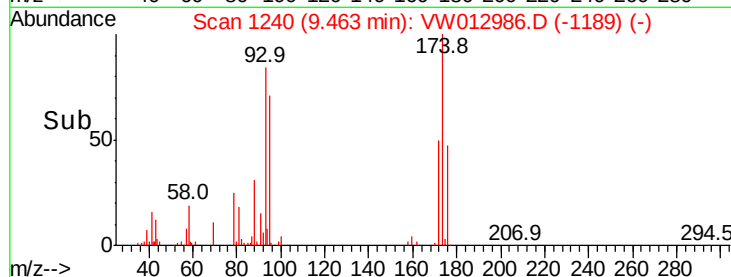
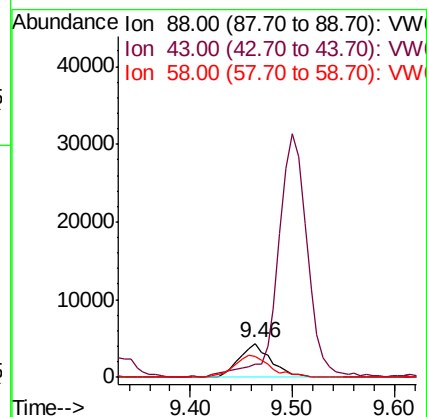
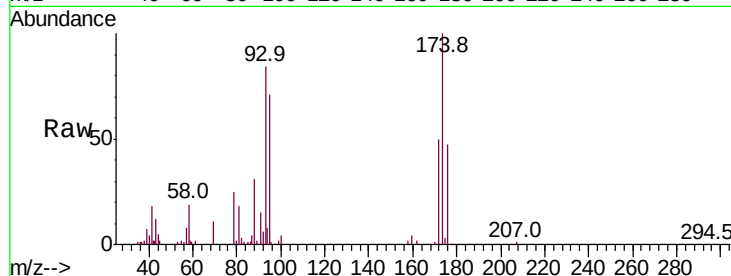
Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 9514

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	75.8	60.2	90.2



#50

Toluene-d8

Concen: 50.124 ug/l

RT: 10.32 min Scan# 1381

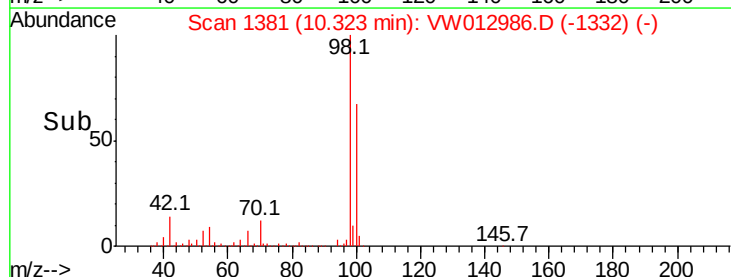
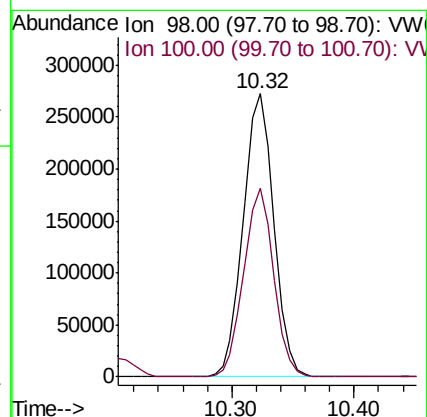
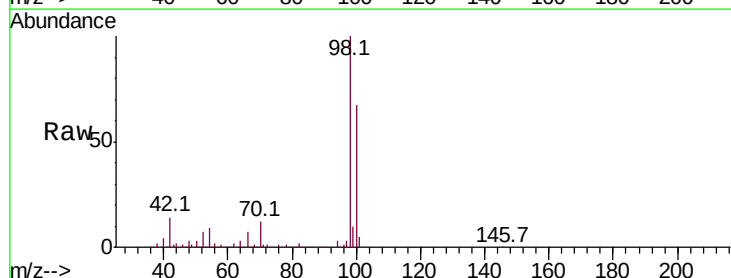
Delta R.T. -0.00 min

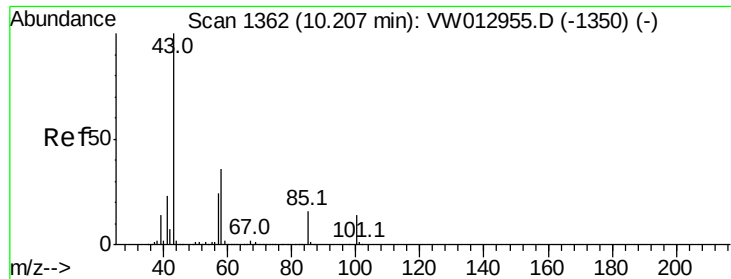
Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Tgt Ion: 98 Resp: 473201

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 112.098 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

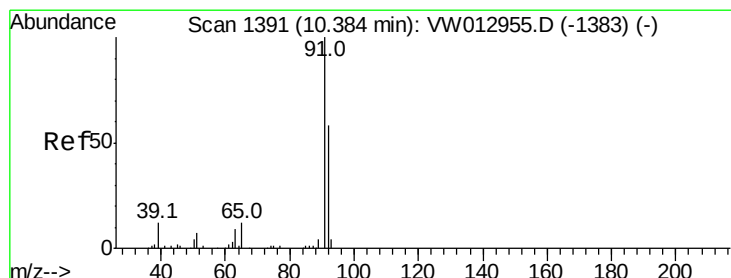
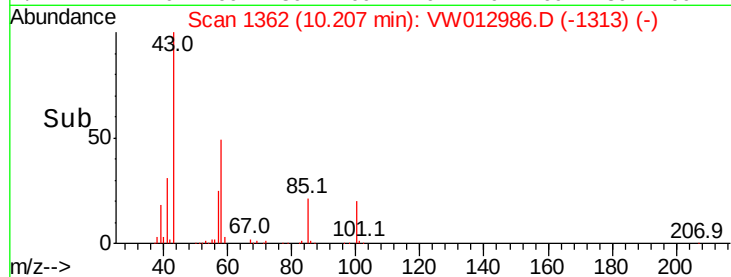
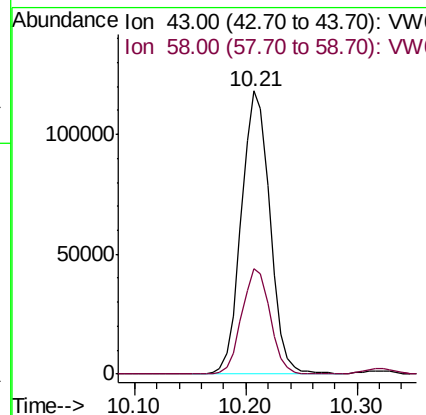
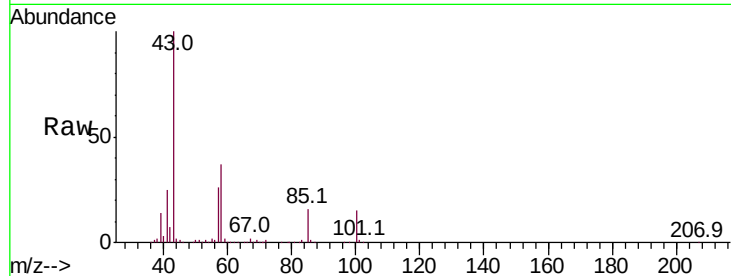
ClientSampled :

Tot Ion: 43 Resp: 209552

Ion Ratio Lower Upper

43 100

58 37.1 29.5 44.3



#52

Toluene

Concen: 19.456 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012986.D

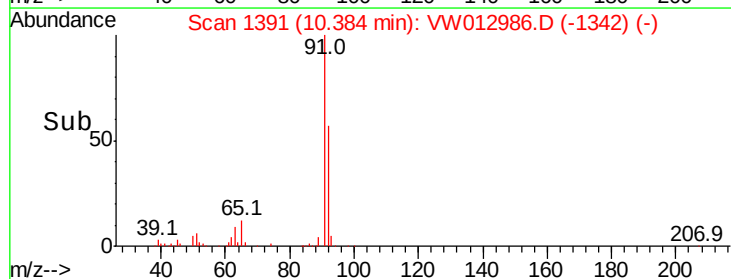
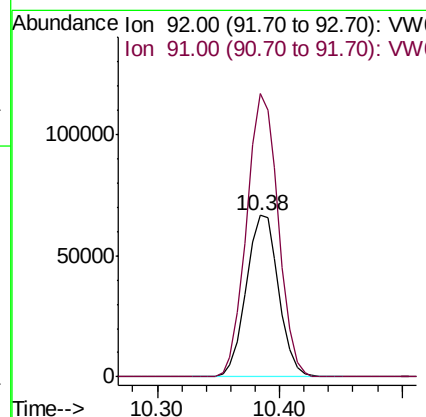
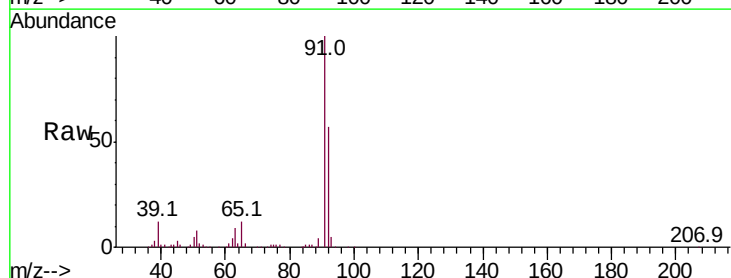
Acq: 14 Sep 2019 12:03

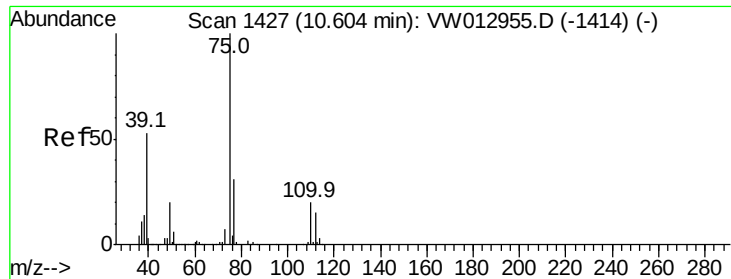
Tgt Ion: 92 Resp: 122624

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 20.107 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

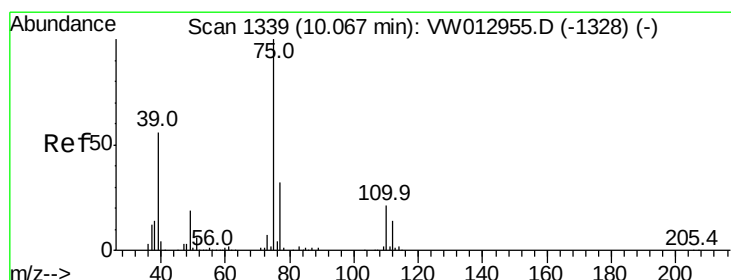
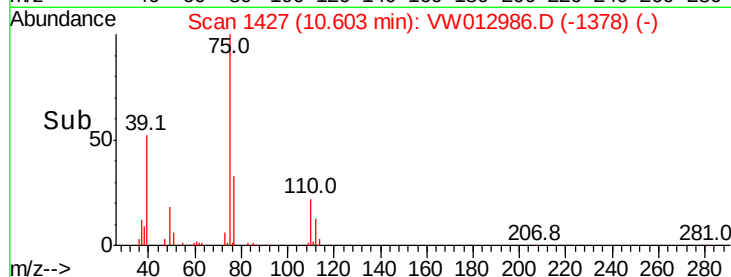
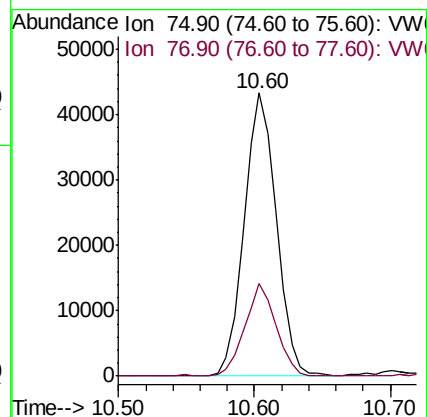
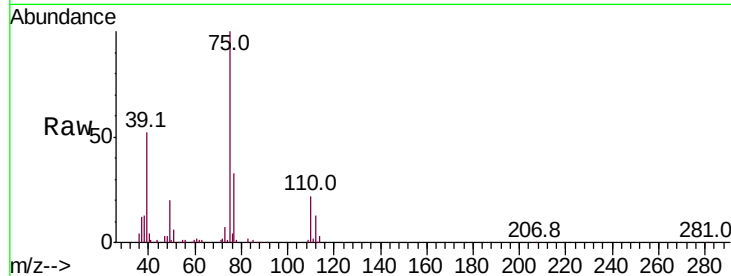
ClientSampled :

Tot Ion: 75 Resp: 71612

Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.125 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

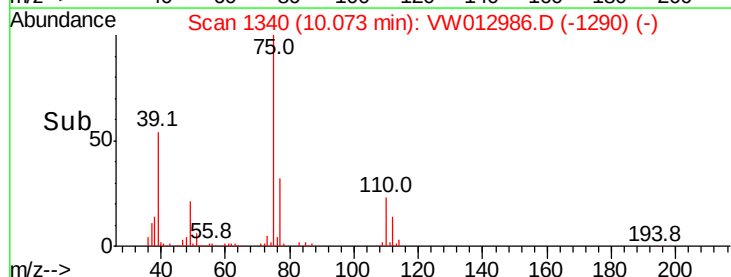
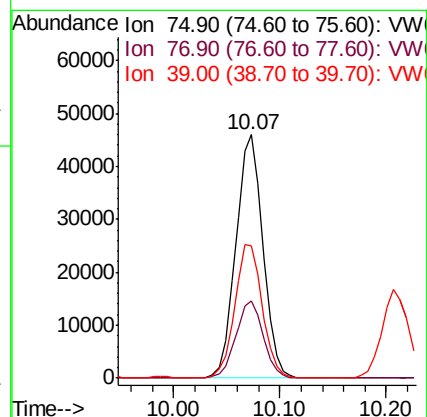
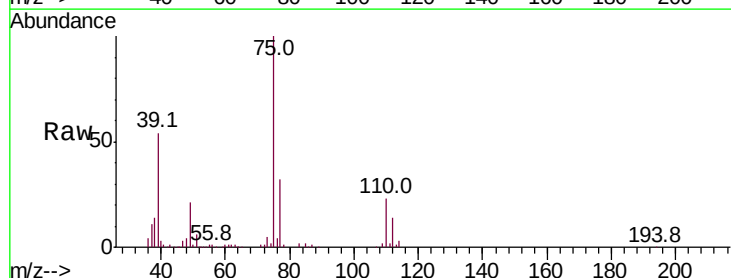
Tgt Ion: 75 Resp: 82012

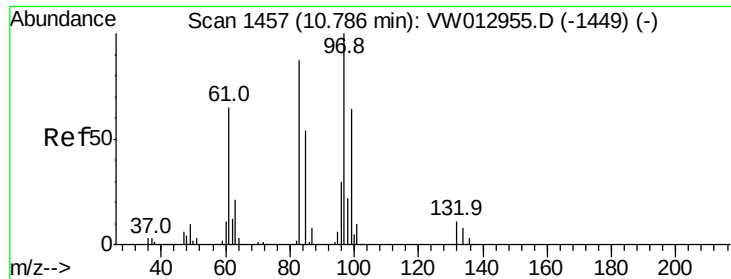
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 54.4 45.0 67.6

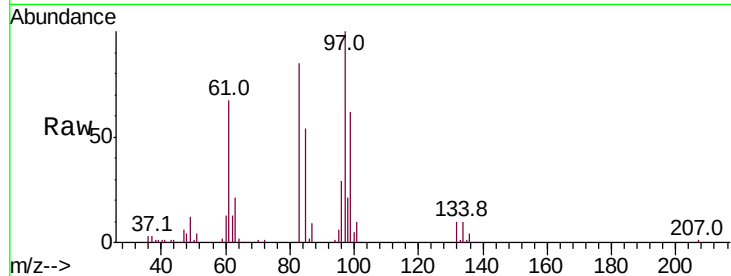




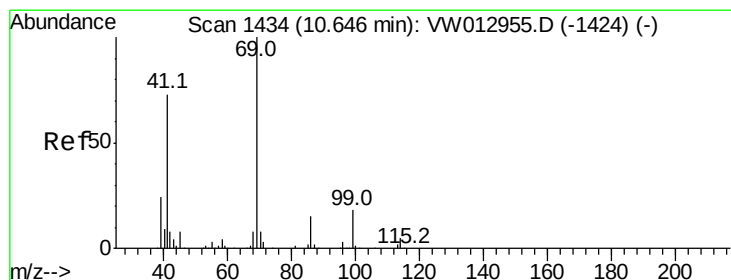
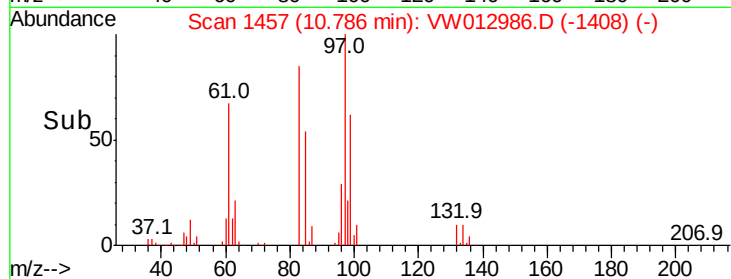
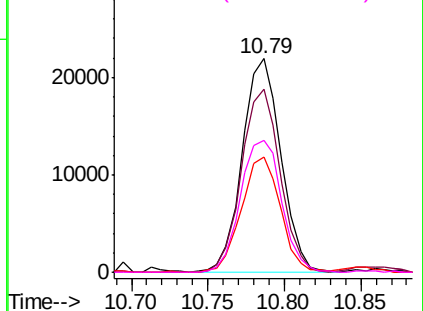
#55
 1,1,2-Trichloroethane
 Concen: 20.105 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 38669
 Ion Ratio Lower Upper
 97 100
 83 85.5 69.4 104.0
 85 54.1 43.3 64.9
 99 62.0 50.9 76.3

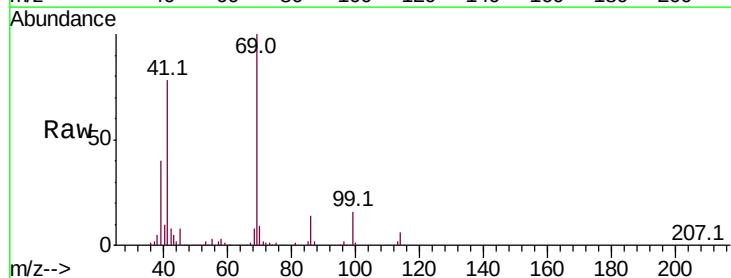


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

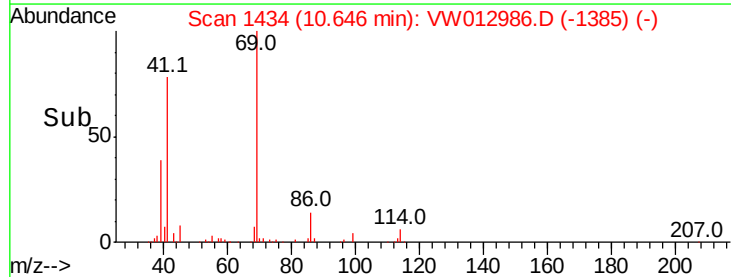
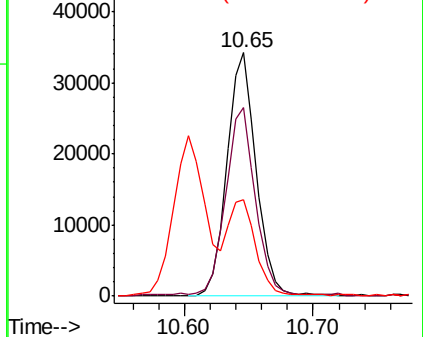


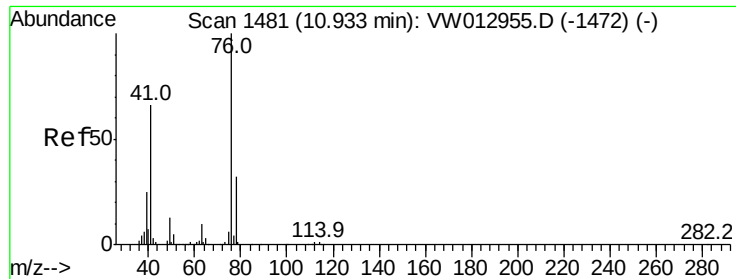
#56
 Ethyl methacrylate
 Concen: 20.960 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 69 Resp: 54263
 Ion Ratio Lower Upper
 69 100
 41 79.5 60.8 91.2
 39 37.2 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 20.694 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

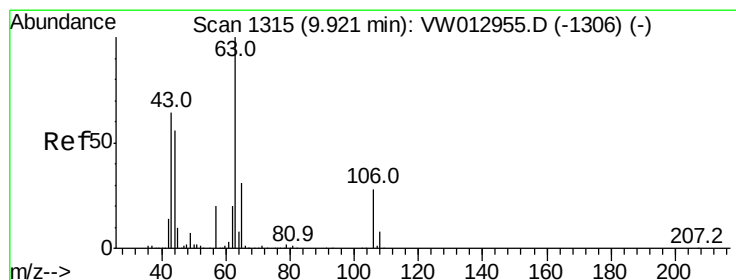
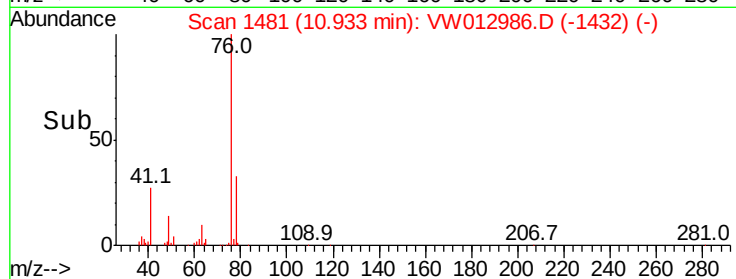
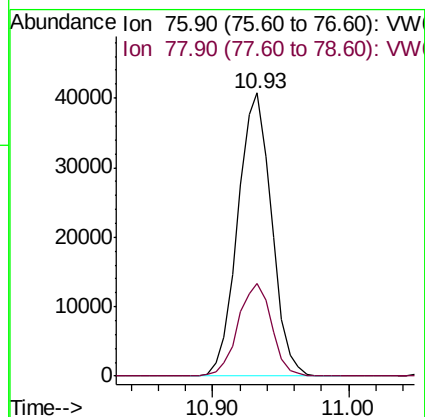
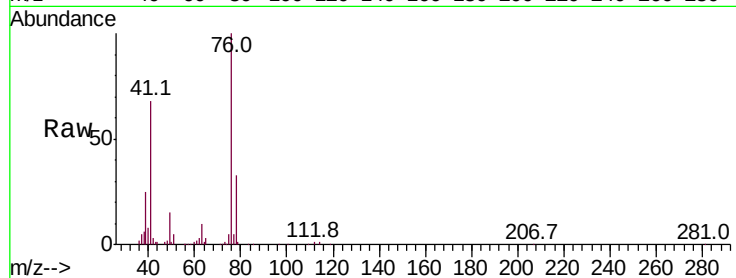
ClientSampled :

Tot Ion: 76 Resp: 70605

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.966 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012986.D

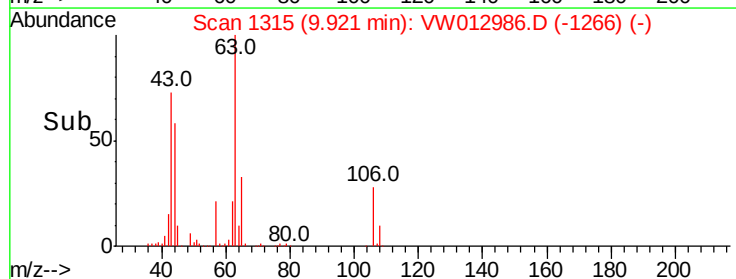
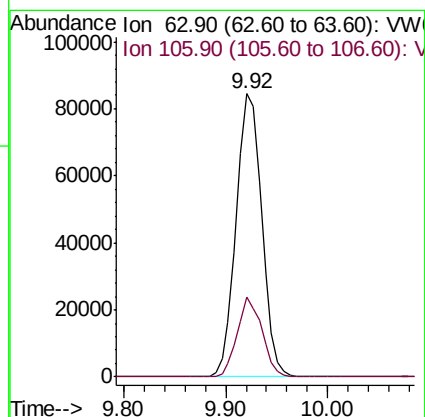
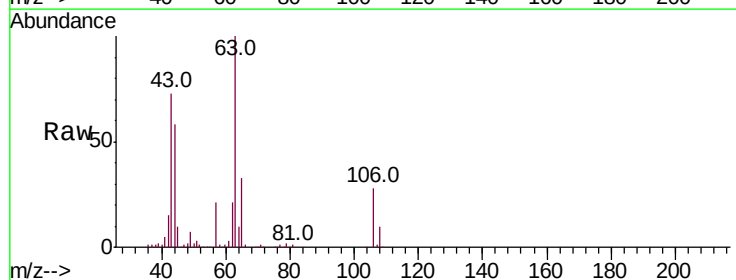
Acq: 14 Sep 2019 12:03

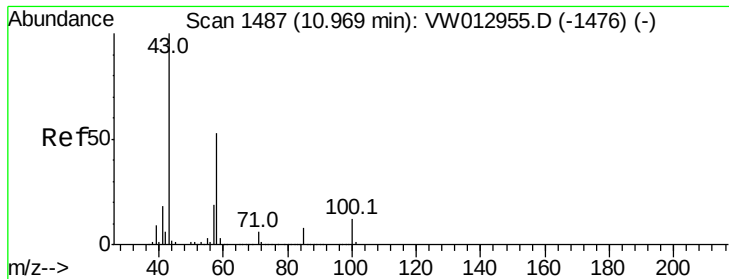
Tgt Ion: 63 Resp: 147157

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2

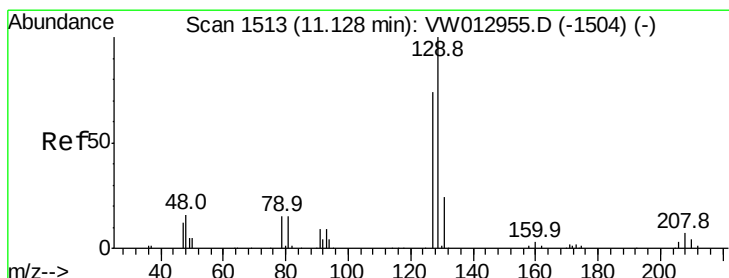
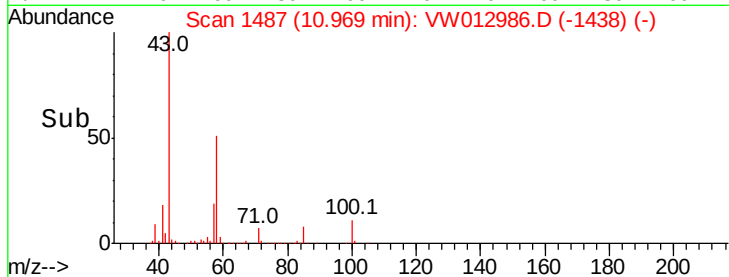
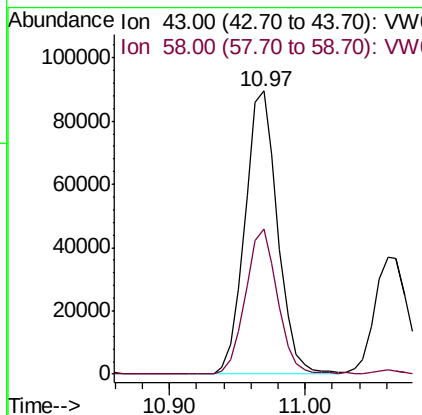
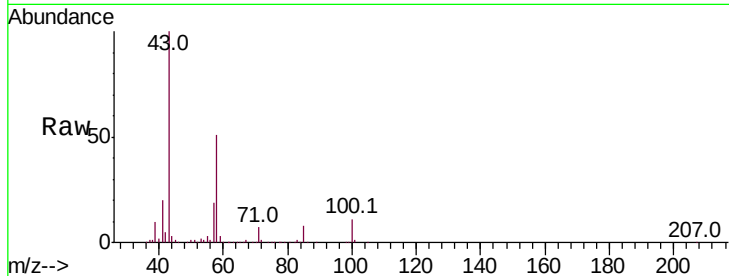




#59
2-Hexanone
Concen: 115.317 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

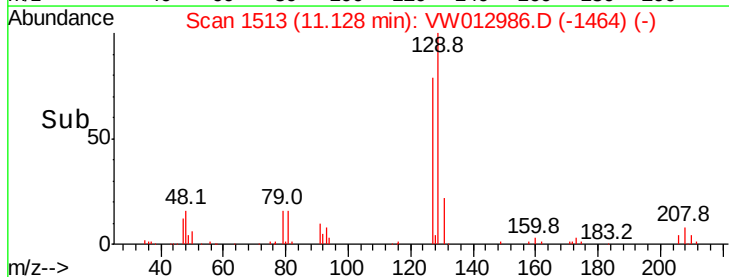
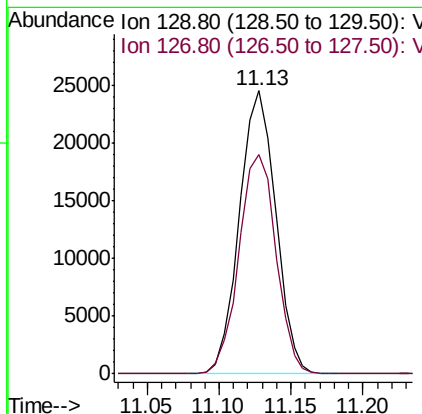
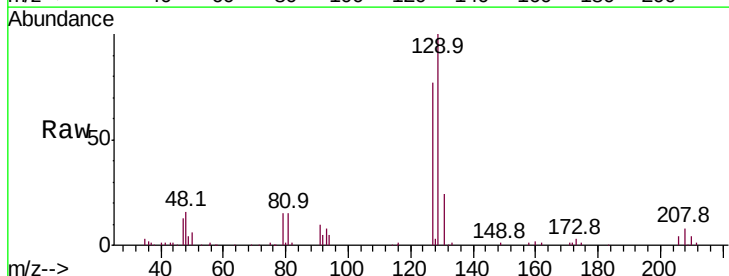
Instrument :
MSVOA_W
ClientSampleId :

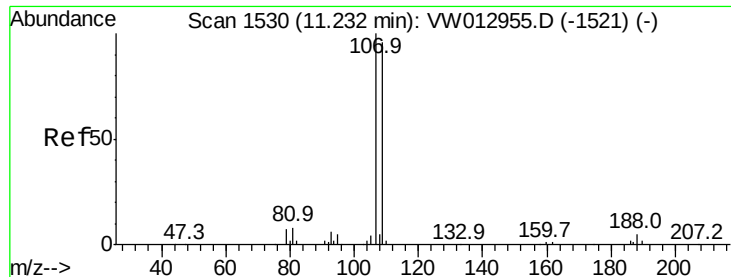
Tot Ion: 43 Resp: 150103
Ion Ratio Lower Upper
43 100
58 50.4 25.8 77.3



#60
Dibromochloromethane
Concen: 18.458 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 129 Resp: 42919
Ion Ratio Lower Upper
129 100
127 79.1 37.4 112.2

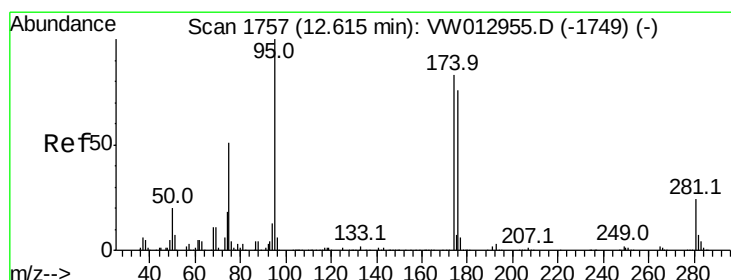
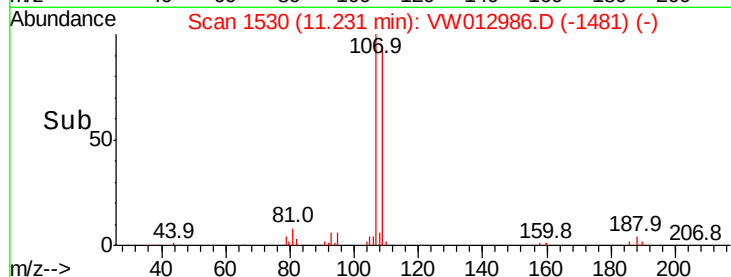
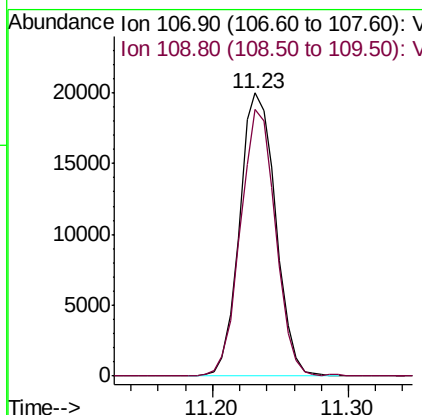
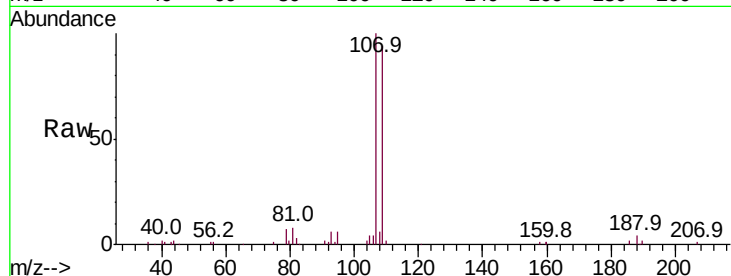




#61
 1,2-Dibromoethane
 Concen: 21.085 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

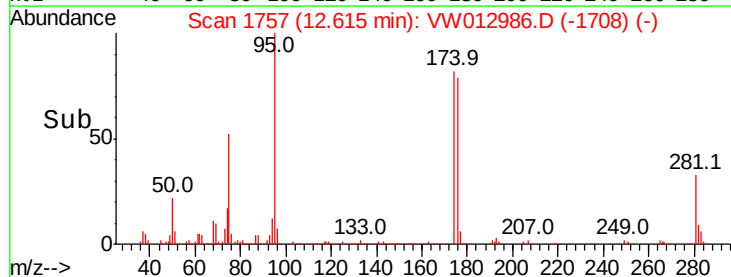
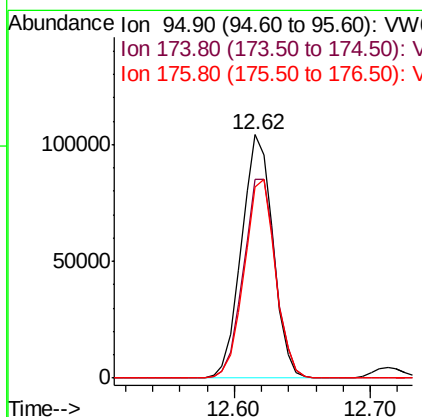
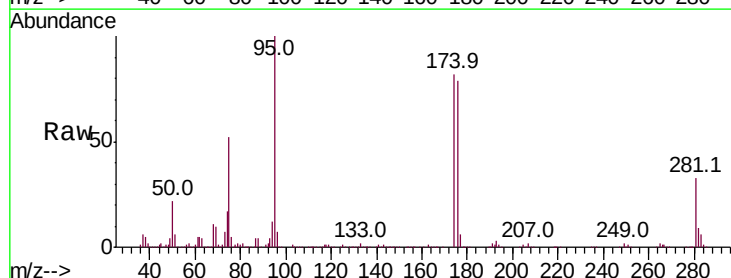
Instrument :
 MSVOA_W
 ClientSampleId :

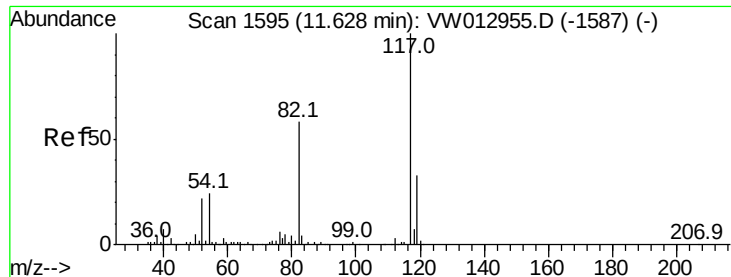
Tot Ion:107 Resp: 36993
 Ion Ratio Lower Upper
 107 100
 109 91.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.530 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion: 95 Resp: 168135
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 170.4
 176 81.3 0.0 164.6

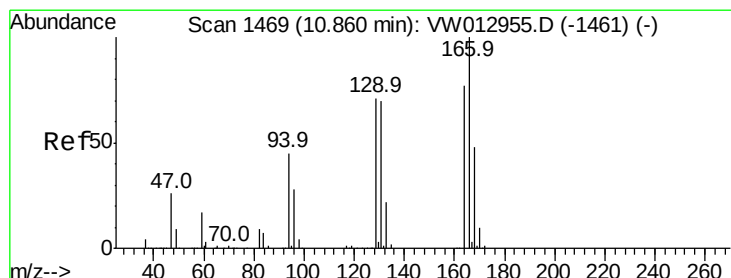
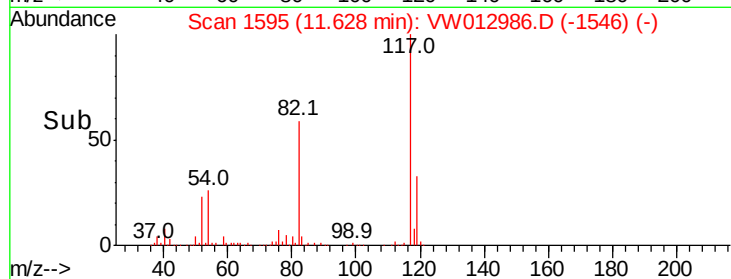
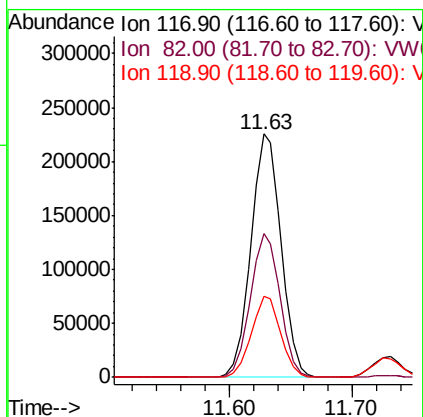
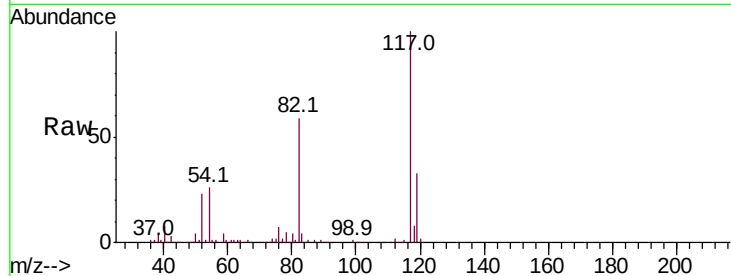




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

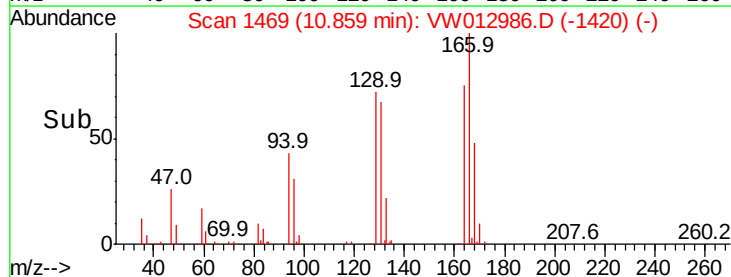
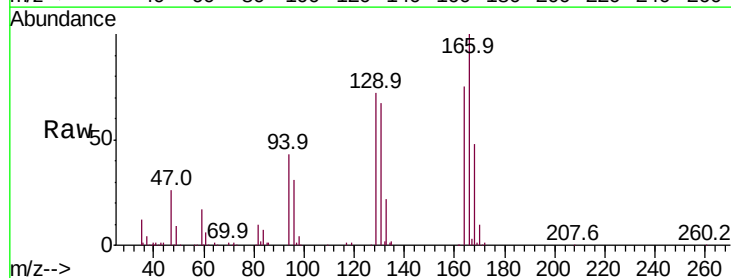
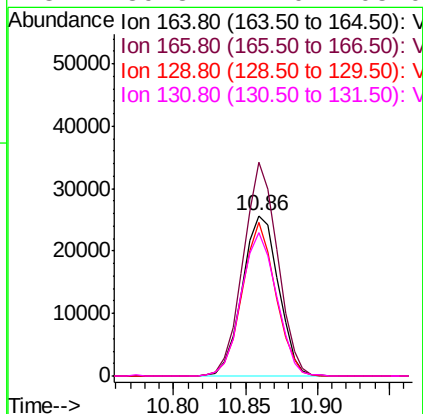
Instrument :
MSVOA_W
ClientSampleId :

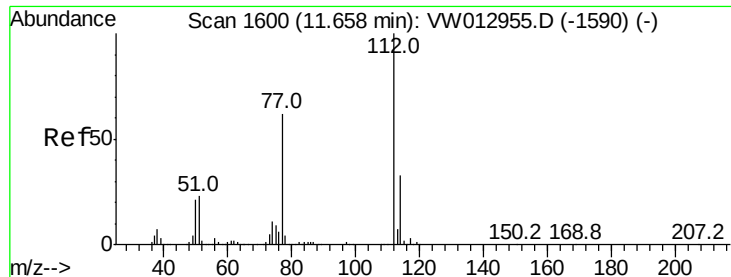
Tot Ion:117 Resp: 385688
Ion Ratio Lower Upper
117 100
82 59.3 46.3 69.5
119 33.3 26.2 39.4



#64
Tetrachloroethene
Concen: 19.399 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:164 Resp: 44511
Ion Ratio Lower Upper
164 100
166 133.3 103.3 154.9
129 96.0 73.8 110.8
131 89.8 72.0 108.0

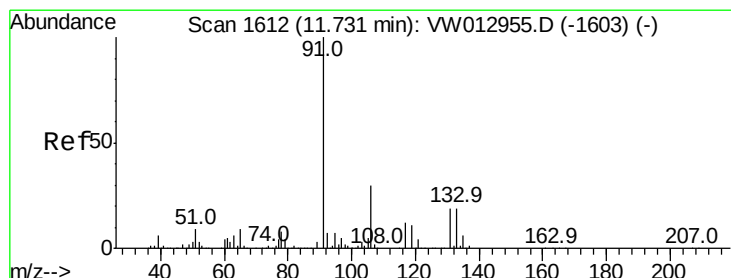
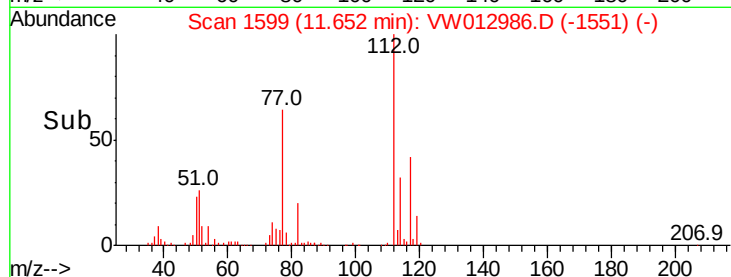
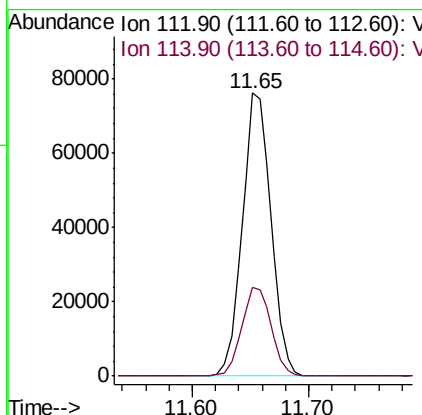
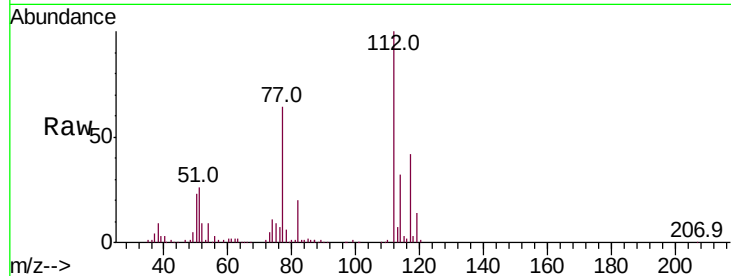




#65
Chlorobenzene
Concen: 19.052 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

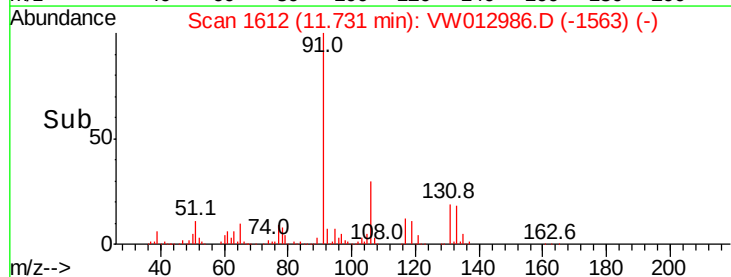
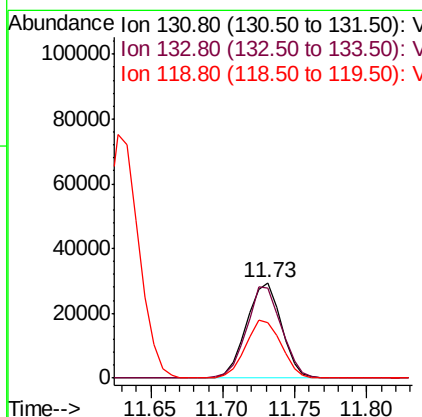
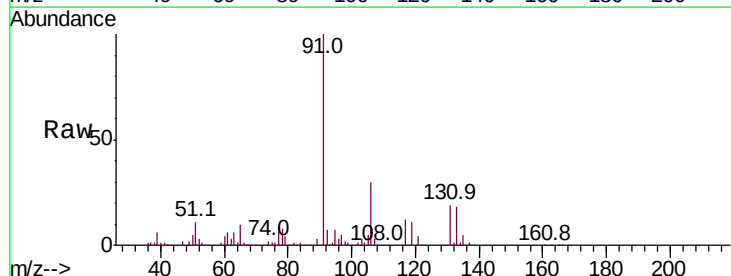
Instrument :
MSVOA_W
ClientSampleId :

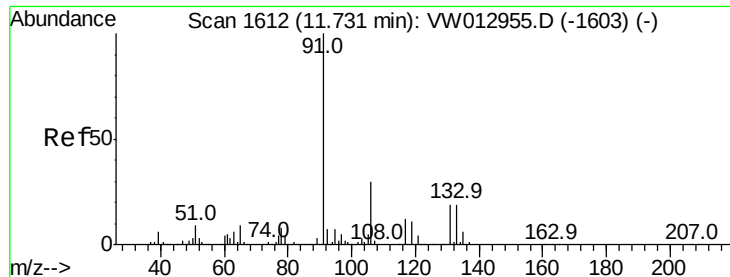
Tot Ion:112 Resp: 130889
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.707 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:131 Resp: 49249
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.8
119 62.4 30.9 92.7

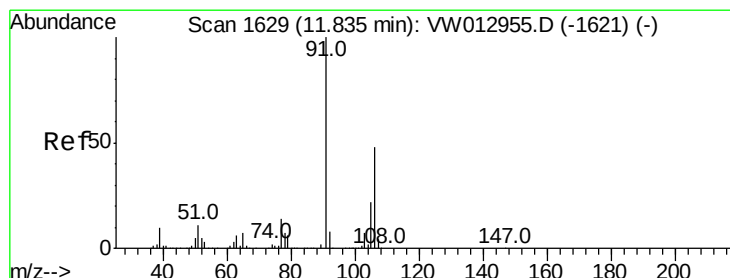
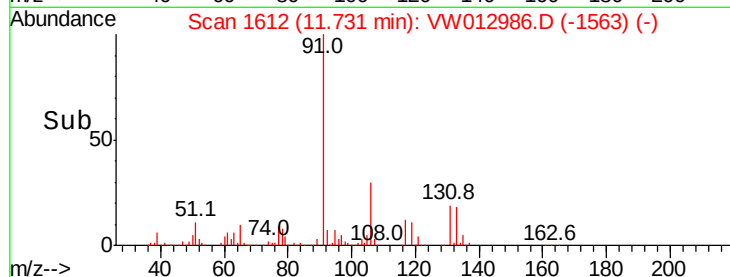
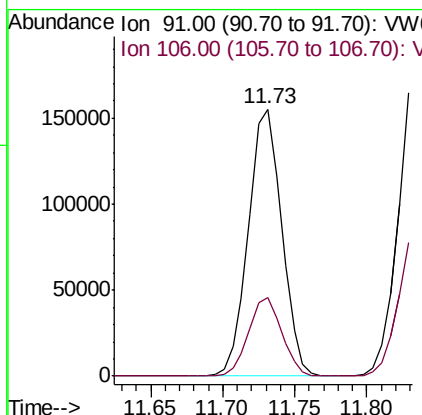
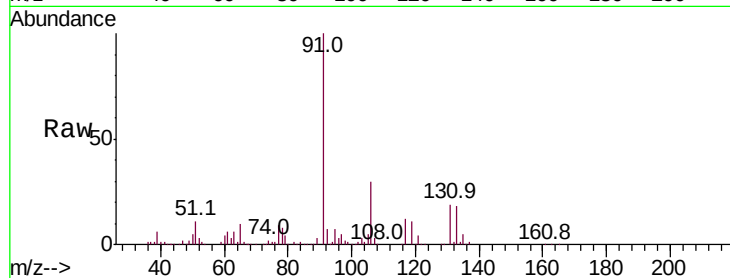




#67
Ethyl Benzene
Concen: 19.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

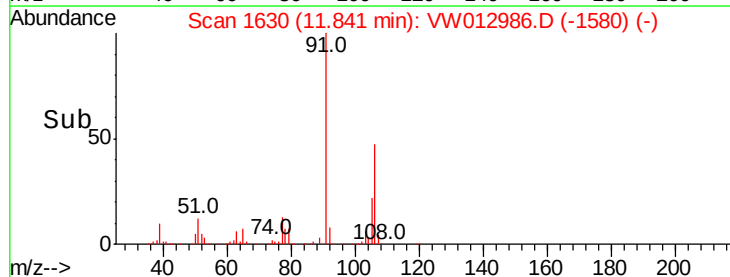
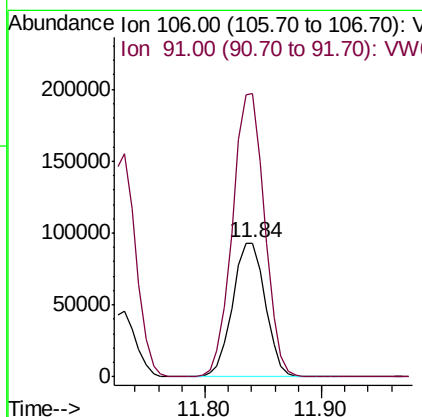
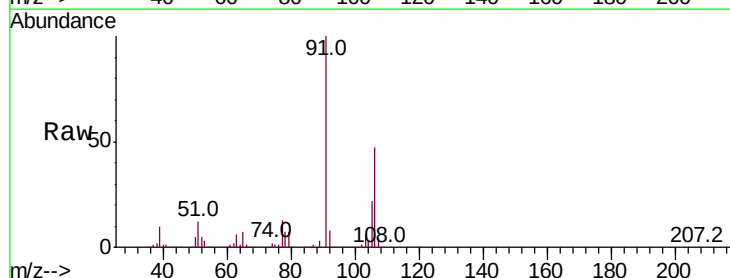
Instrument :
MSVOA_W
ClientSampleId :

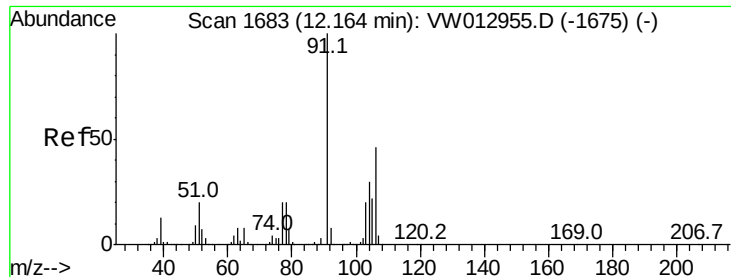
Tot Ion: 91 Resp: 248675
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 39.461 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:106 Resp: 182906
Ion Ratio Lower Upper
106 100
91 207.0 165.8 248.8

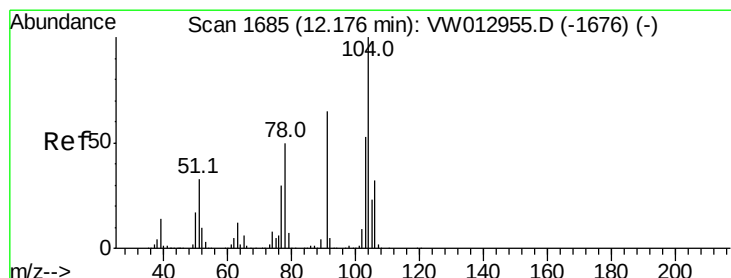
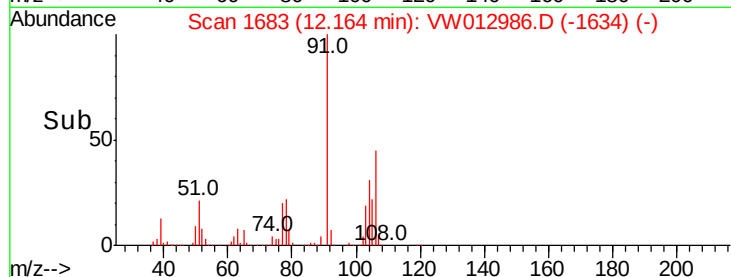
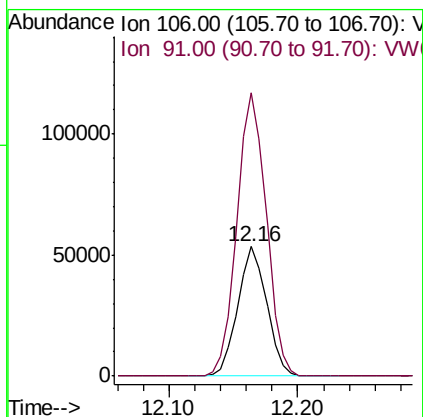
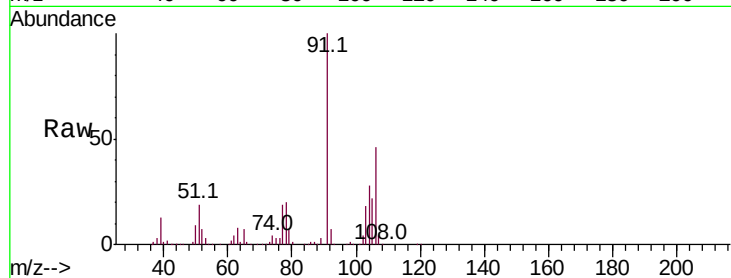




#69
o-Xylene
Concen: 19.241 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

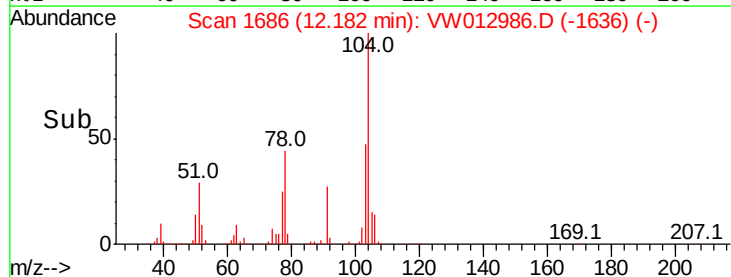
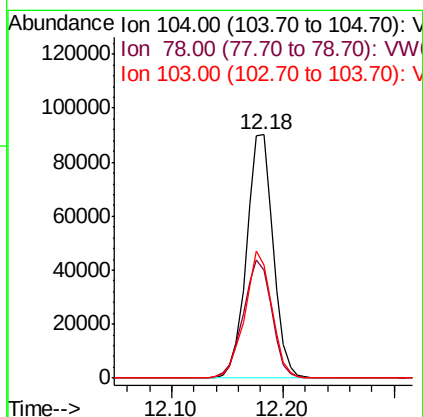
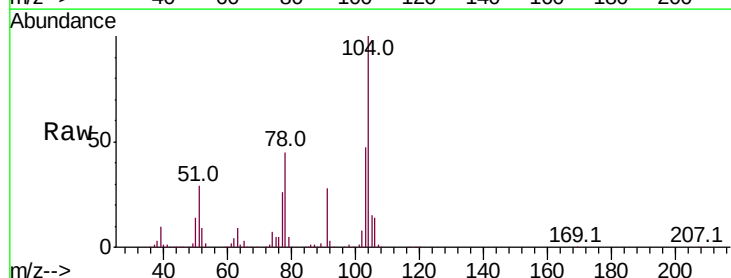
Instrument :
MSVOA_W
ClientSampled :

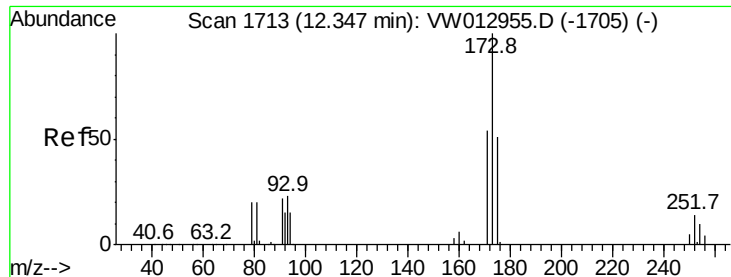
Tot Ion:106 Resp: 83610
Ion Ratio Lower Upper
106 100
91 221.3 109.7 329.0



#70
Styrene
Concen: 19.396 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:104 Resp: 149934
Ion Ratio Lower Upper
104 100
78 52.0 42.1 63.1
103 53.0 44.2 66.4





#71

Bromoform

Concen: 19.786 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

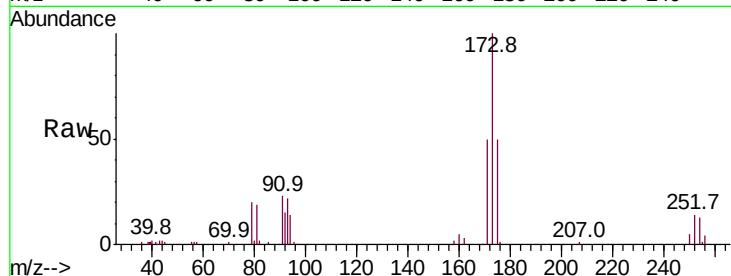
Tot Ion:173 Resp: 27361

Ion Ratio Lower Upper

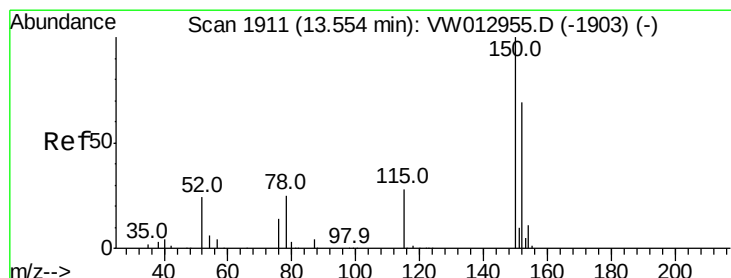
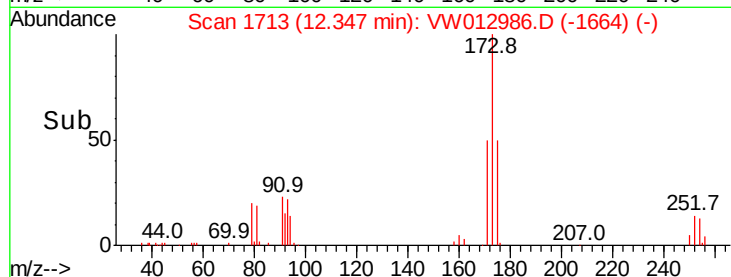
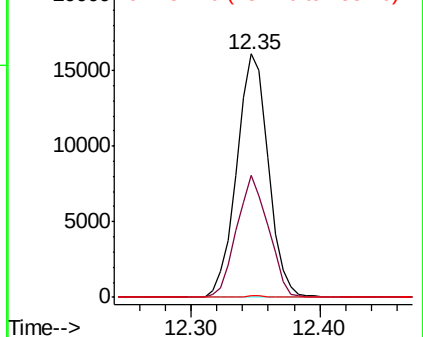
173 100

175 50.3 24.2 72.6

254 0.3 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

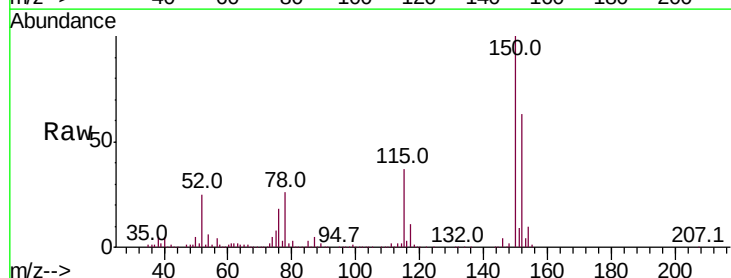
Tgt Ion:152 Resp: 188803

Ion Ratio Lower Upper

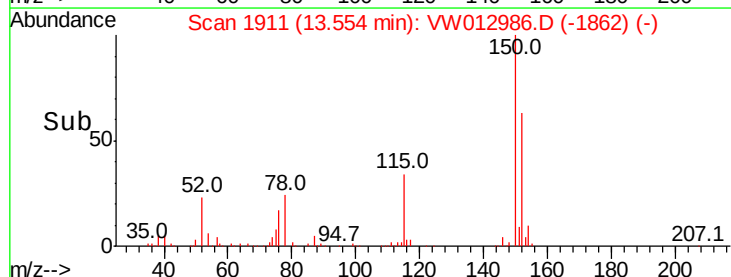
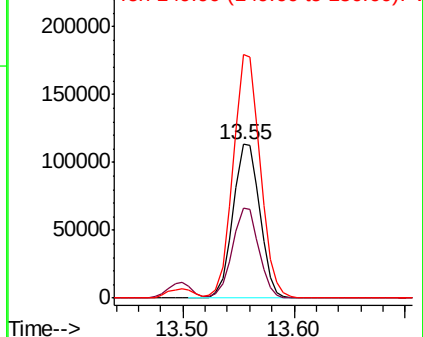
152 100

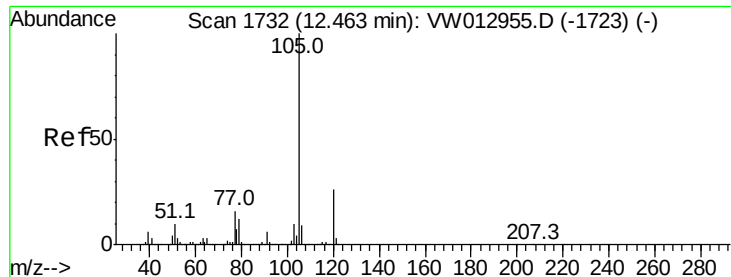
115 57.4 28.8 86.4

150 160.0 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

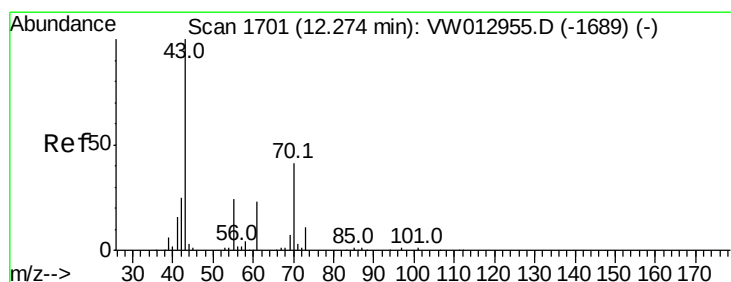
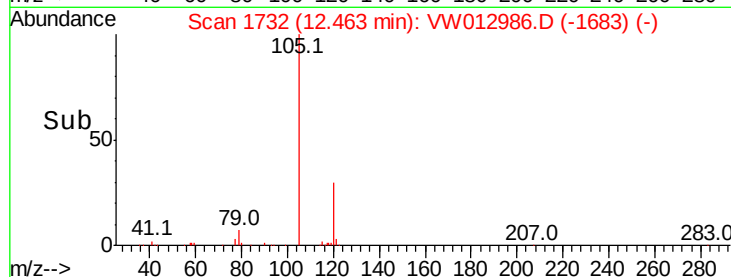
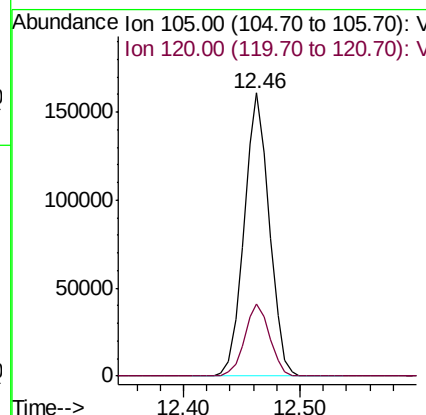
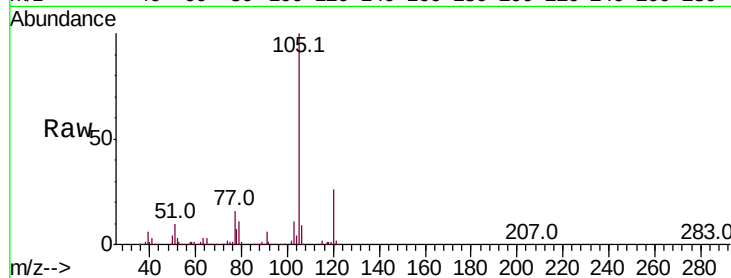




#73
Isopropylbenzene
Concen: 19.325 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

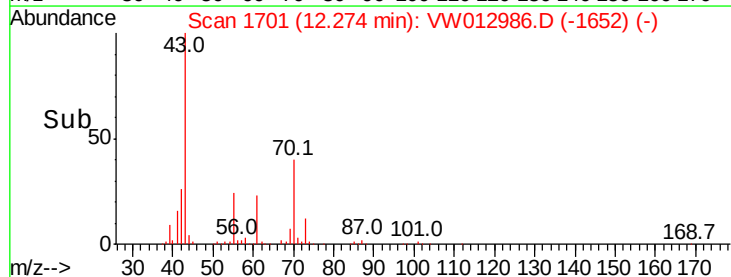
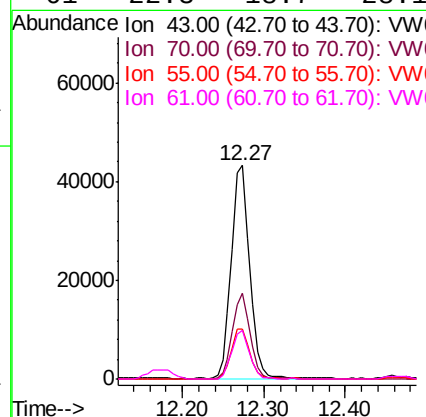
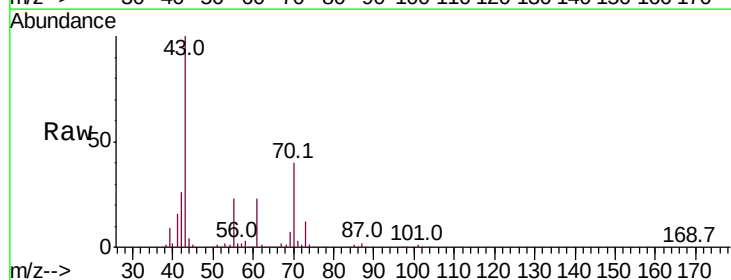
Instrument :
MSVOA_W
ClientSampleId :

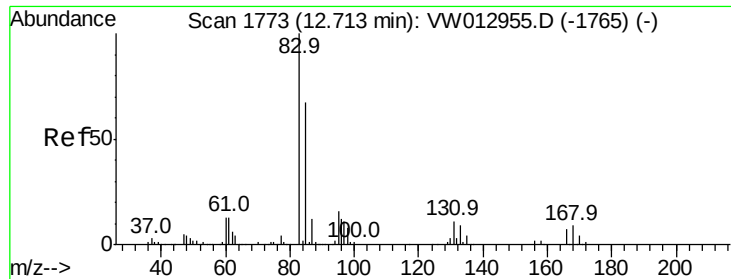
Tot Ion:105 Resp: 241845
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0



#74
N-ethyl acetate
Concen: 20.773 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 43 Resp: 66874
Ion Ratio Lower Upper
43 100
70 39.0 31.7 47.5
55 23.8 19.4 29.2
61 22.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.580 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

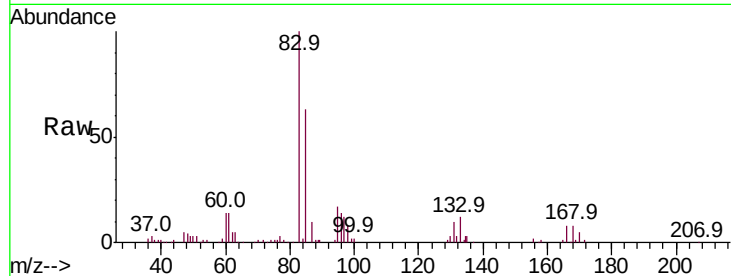
Tot Ion: 83 Resp: 45235

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

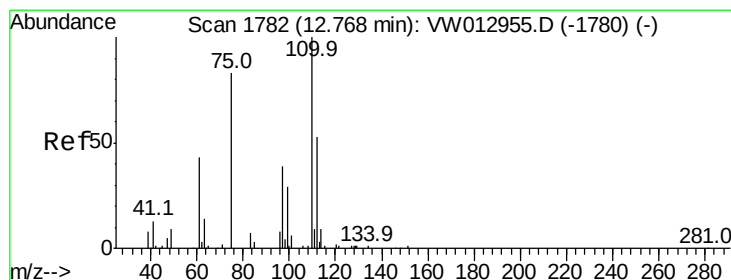
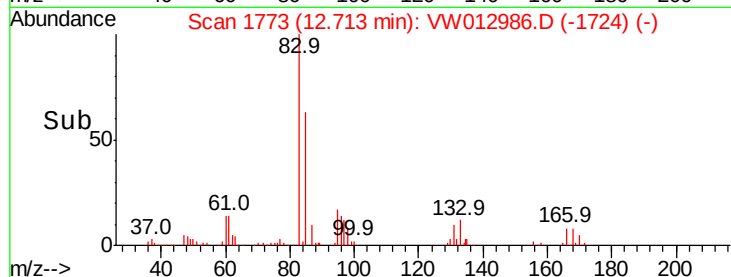
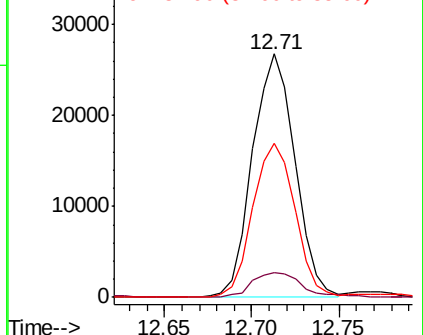
85 62.9 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.488 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012986.D

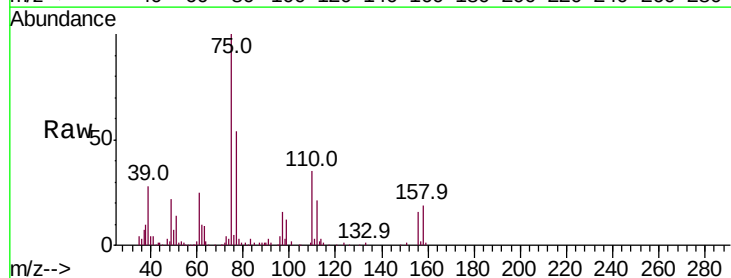
Acq: 14 Sep 2019 12:03

Tgt Ion: 75 Resp: 61997

Ion Ratio Lower Upper

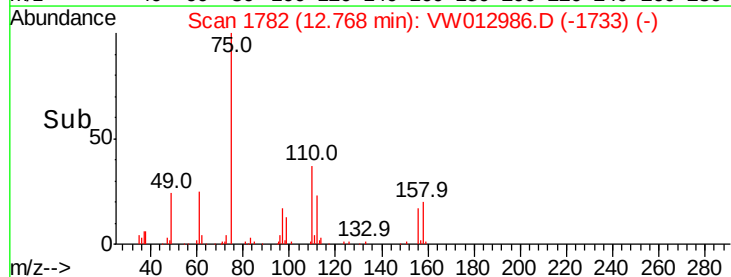
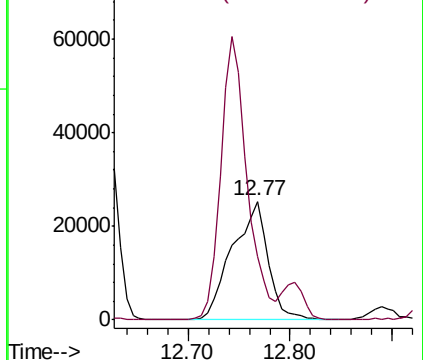
75 100

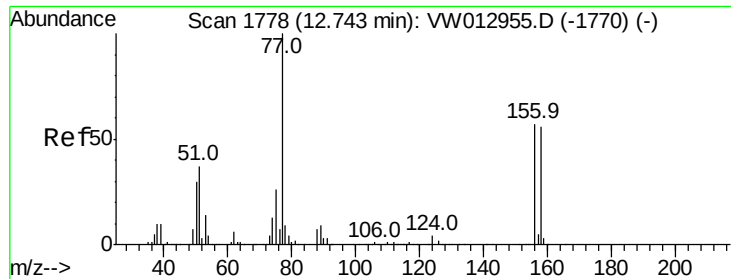
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

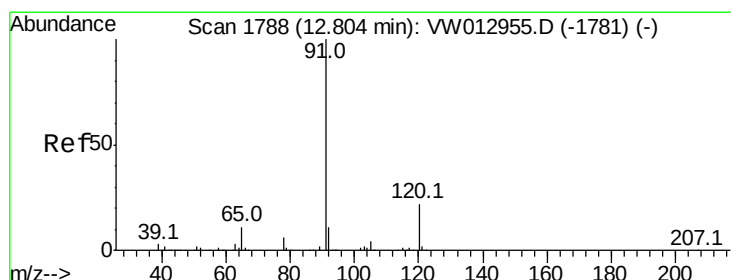
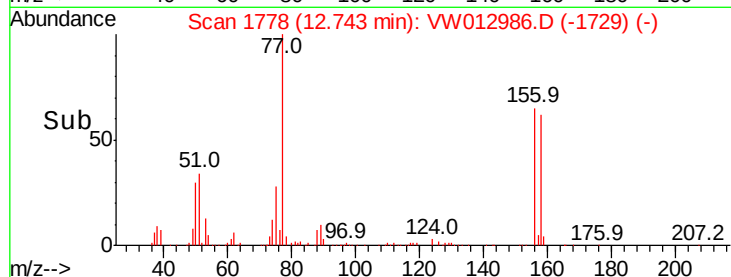
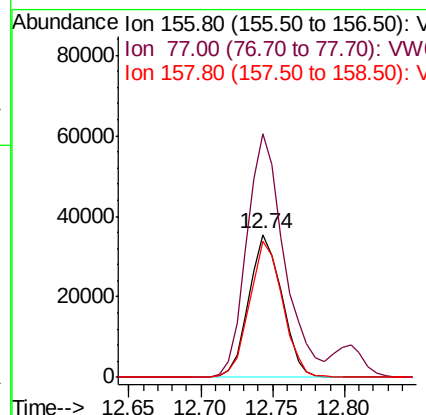
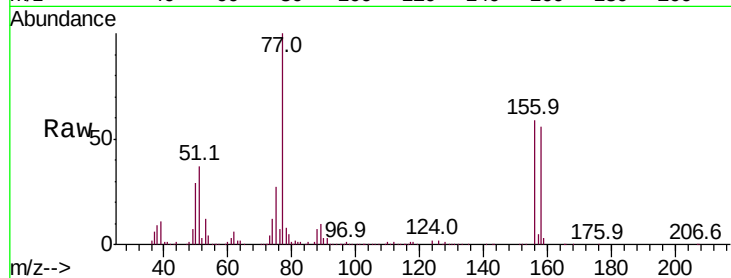




#77
Bromobenzene
Concen: 19.442 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

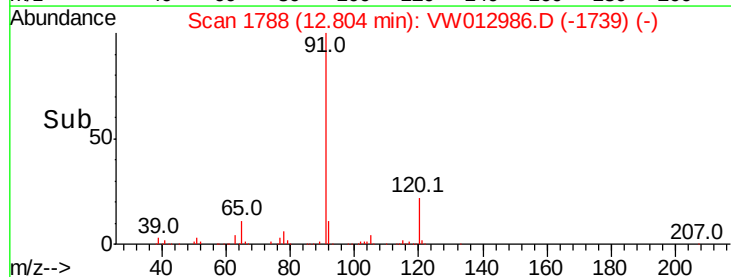
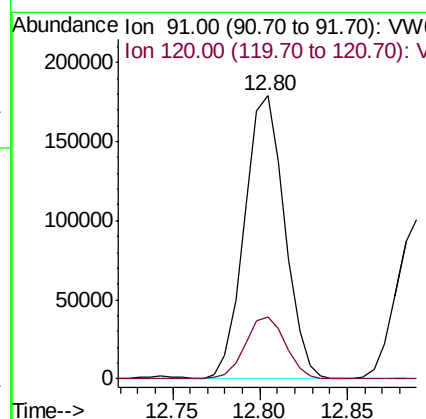
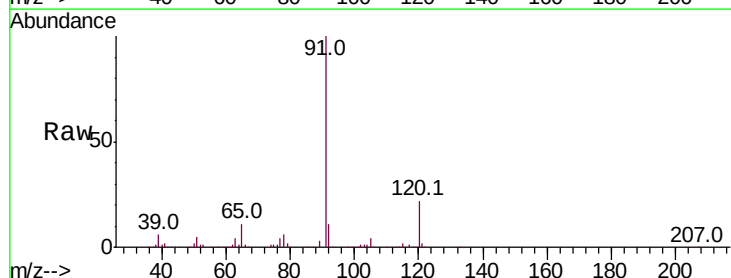
Instrument :
MSVOA_W
ClientSampled :

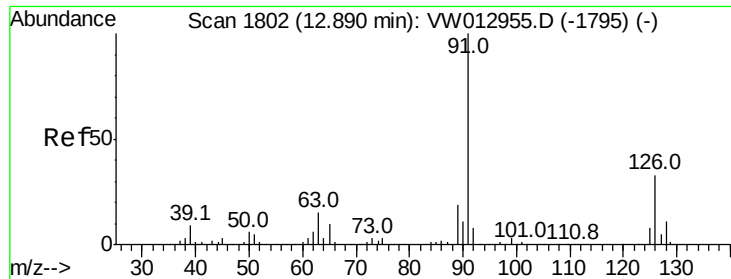
Tot Ion:156 Resp: 56052
Ion Ratio Lower Upper
156 100
77 195.0 95.2 285.6
158 95.7 49.0 147.2



#78
n-propylbenzene
Concen: 19.340 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 91 Resp: 284702
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

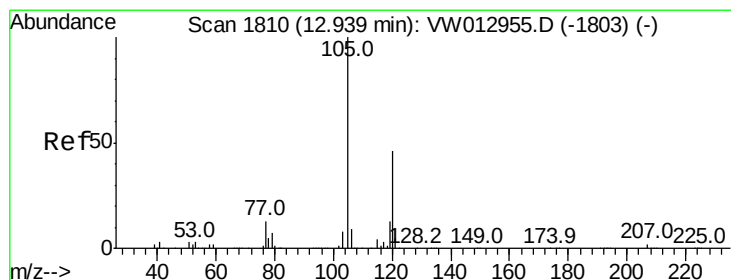
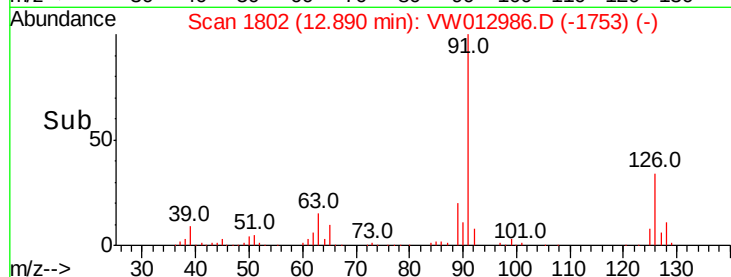
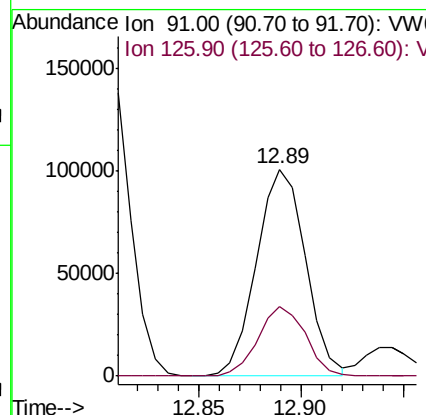
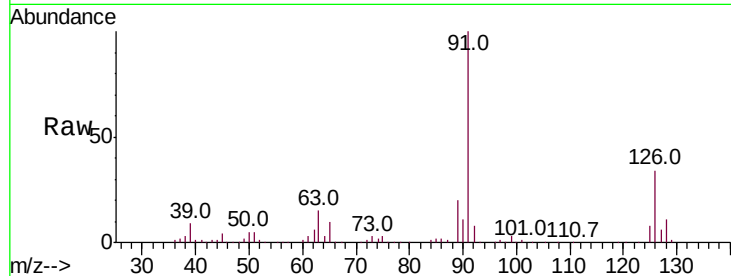




#79
2-Chlorotoluene
Concen: 19.803 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

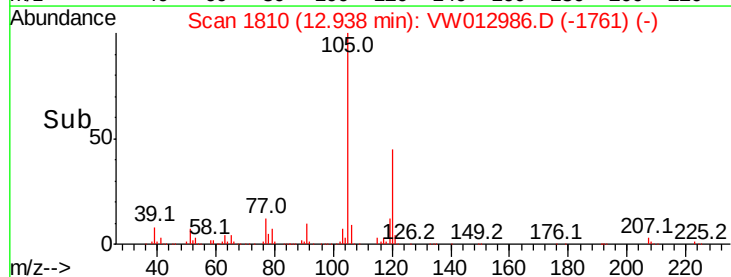
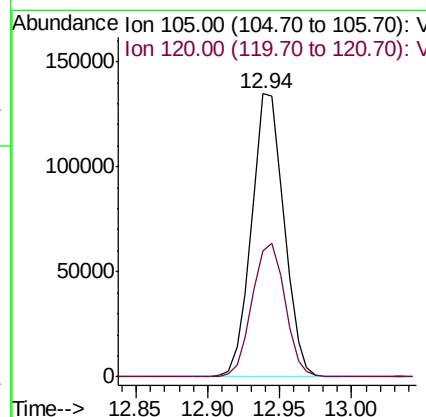
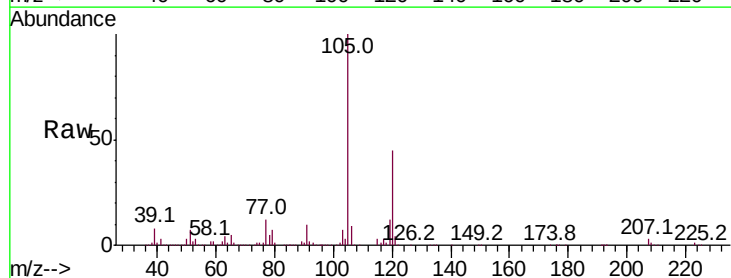
Instrument :
MSVOA_W
ClientSampled :

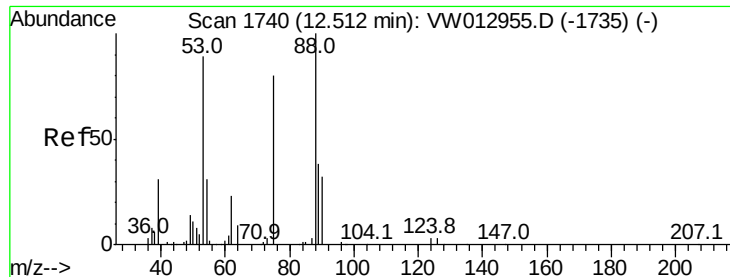
Tot Ion: 91 Resp: 167580
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 19.719 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:105 Resp: 208769
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6

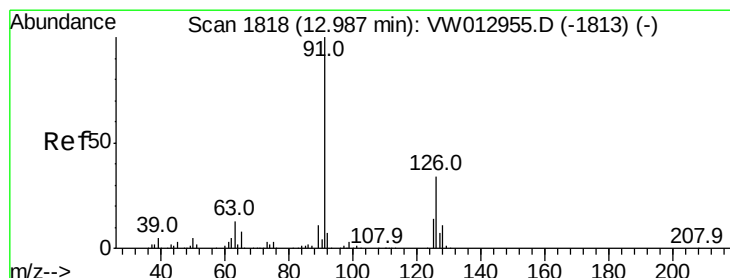
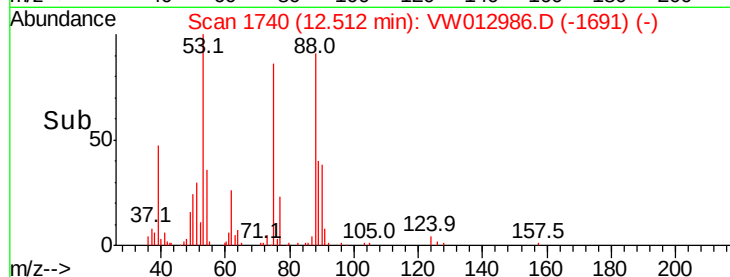
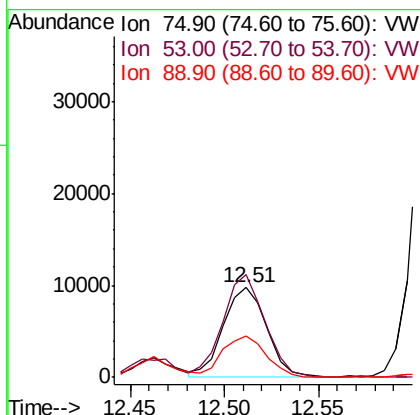
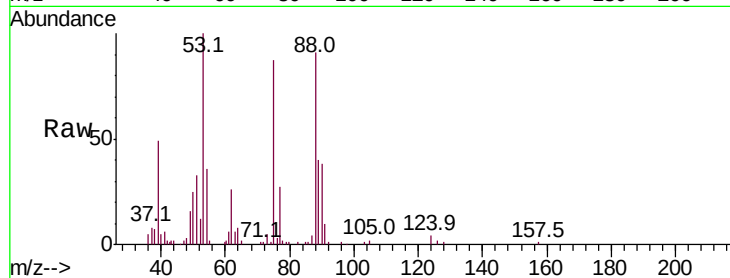




#81
trans-1,4-Dichloro-2-butene
Concen: 21.536 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

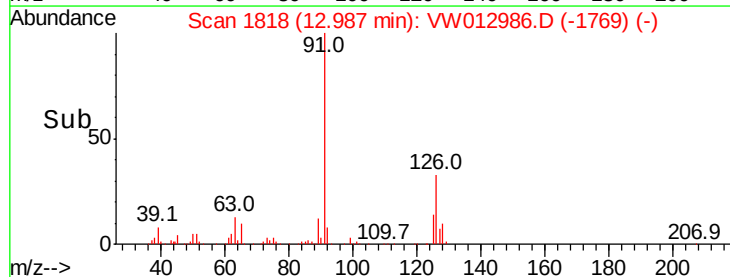
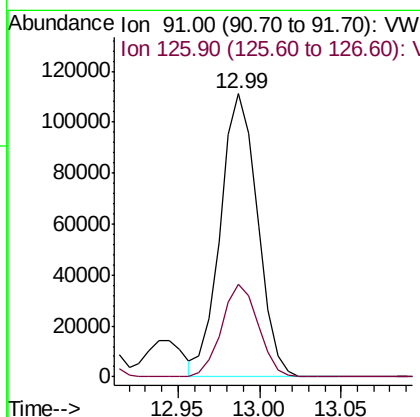
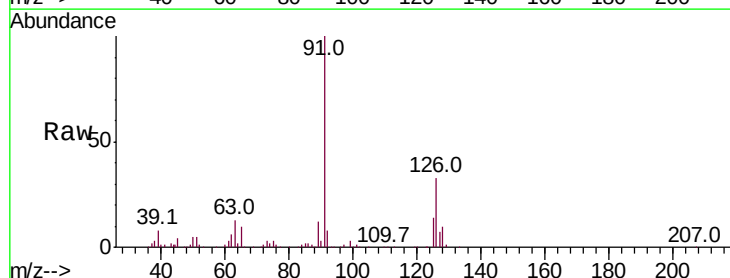
Instrument :
MSVOA_W
ClientSampleId :

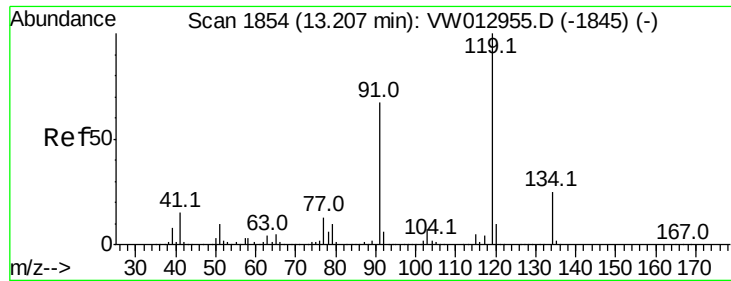
Tot Ion: 75 Resp: 15700
Ion Ratio Lower Upper
75 100
53 109.0 85.6 128.4
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.685 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion: 91 Resp: 175760
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

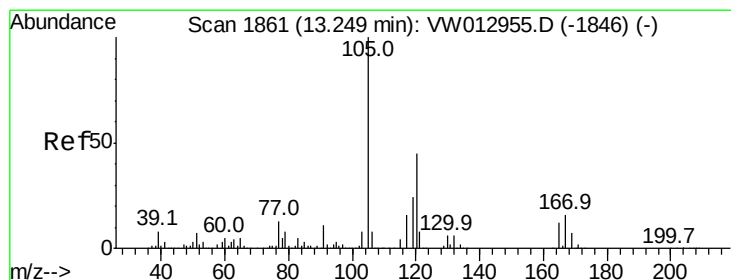
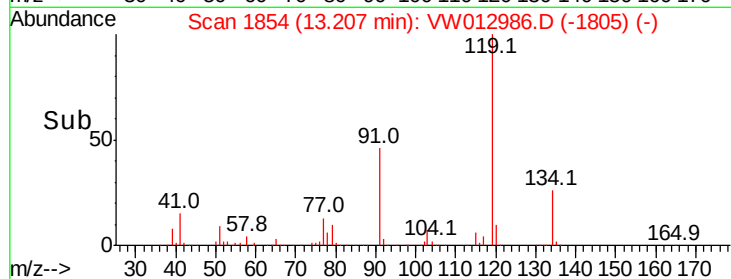
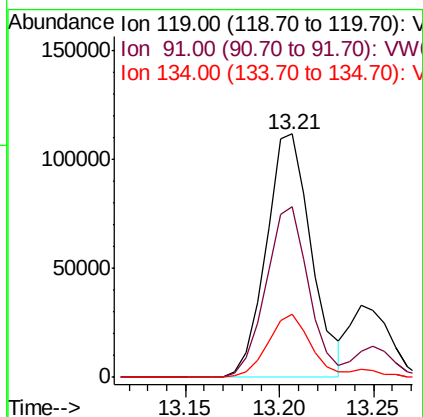
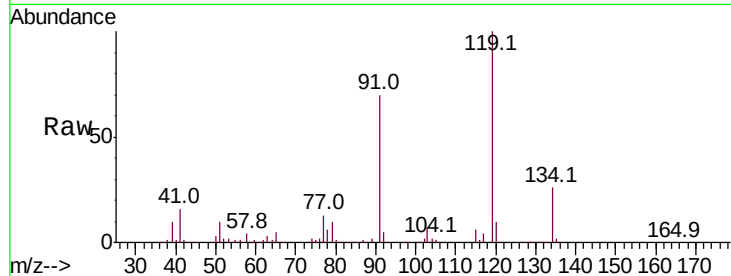




#83
 tert-Butylbenzene
 Concen: 19.622 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

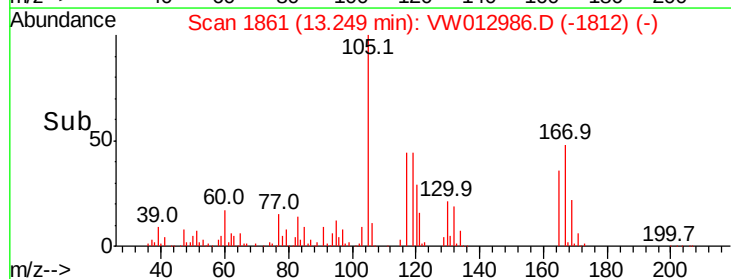
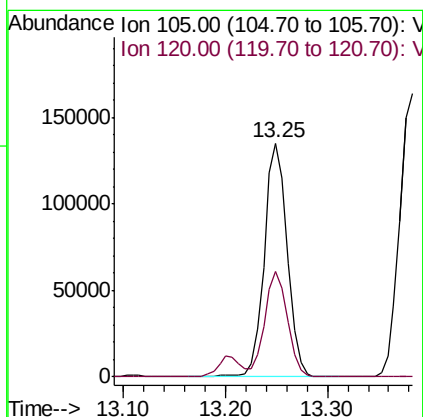
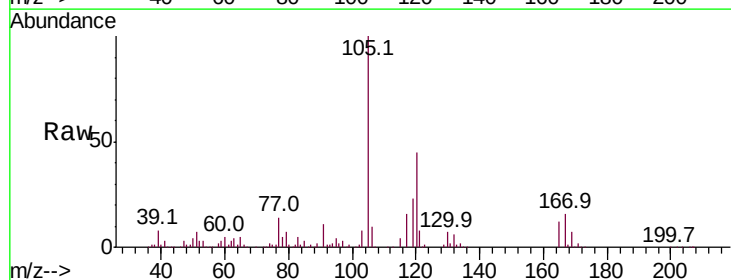
Instrument :
 MSVOA_W
 ClientSampled :

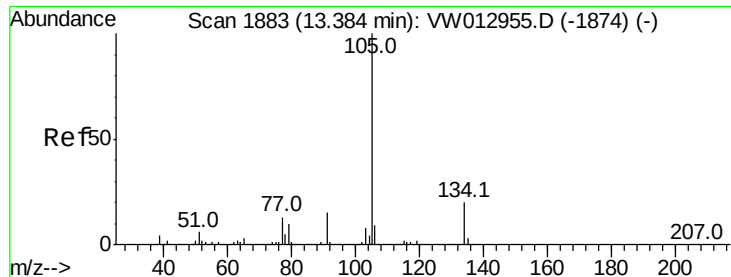
Tot Ion:119 Resp: 185821
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.6 98.0
 134 24.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.185 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion:105 Resp: 211174
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 19.379 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

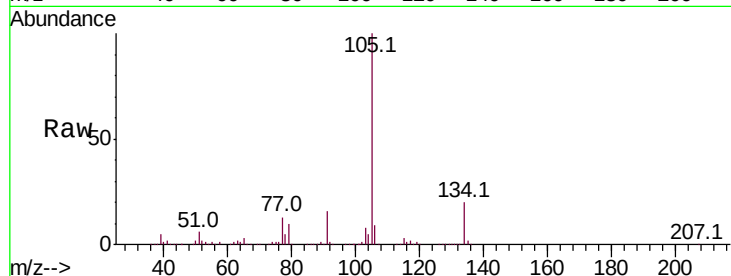
ClientSampleId :

Tot Ion:105 Resp: 250025

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

150000

100000

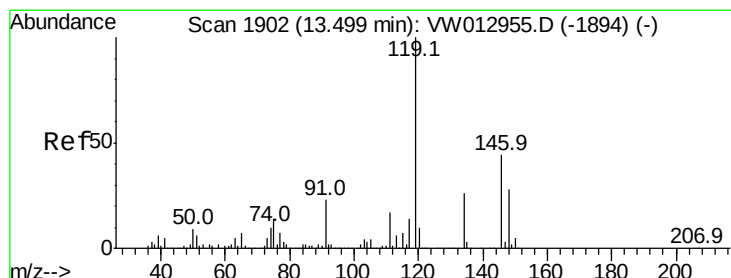
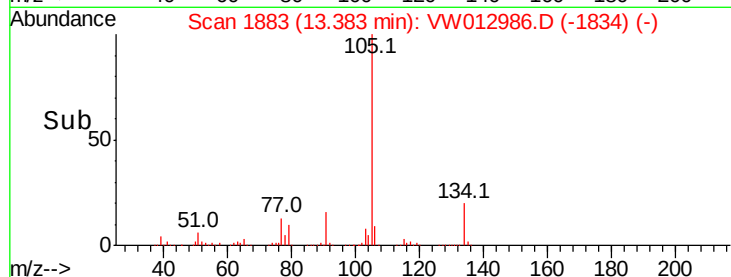
50000

0

Time-->

13.30

13.40



#86

p-Isopropyltoluene

Concen: 19.828 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

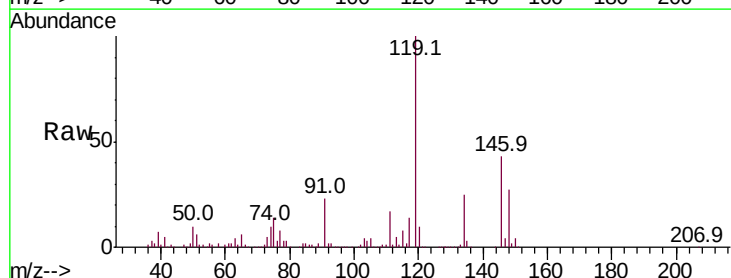
Tgt Ion:119 Resp: 234877

Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.3

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

100000

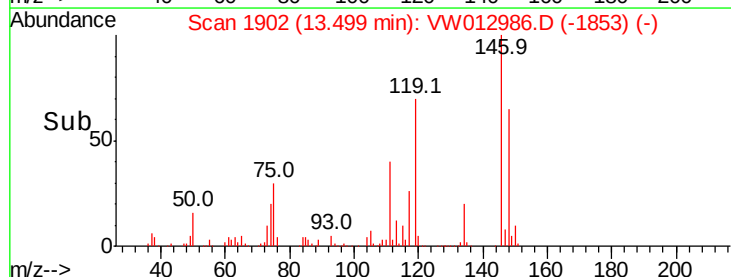
50000

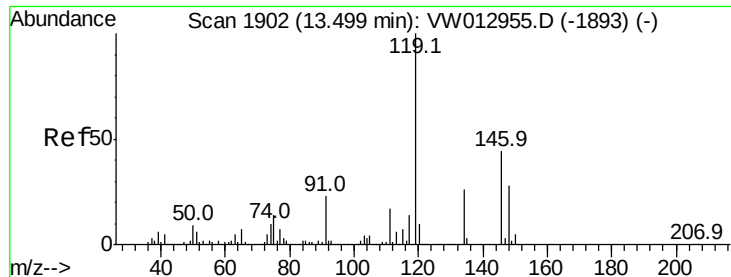
0

Time-->

13.40

13.50

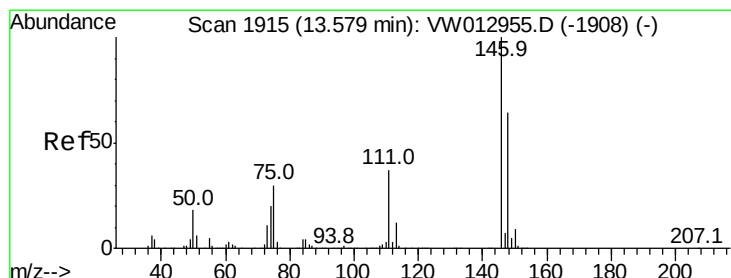
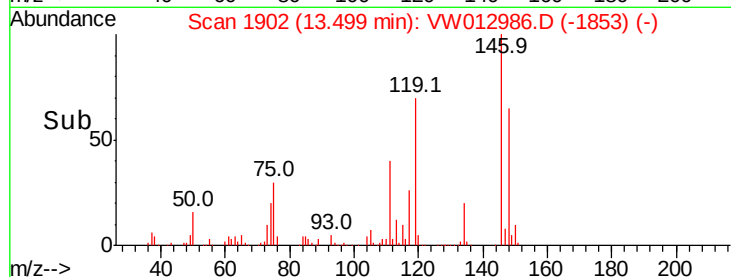
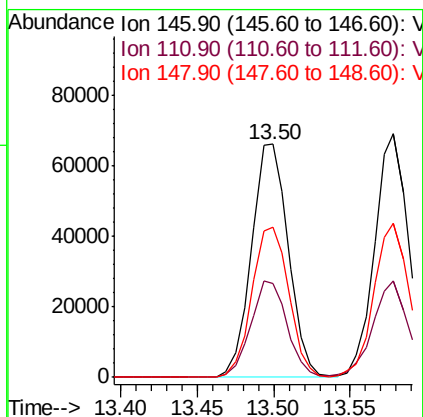
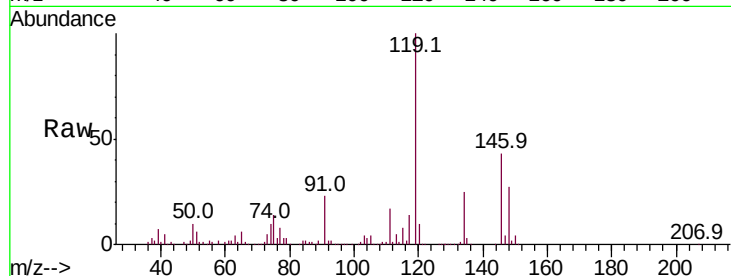




#87
 1,3-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

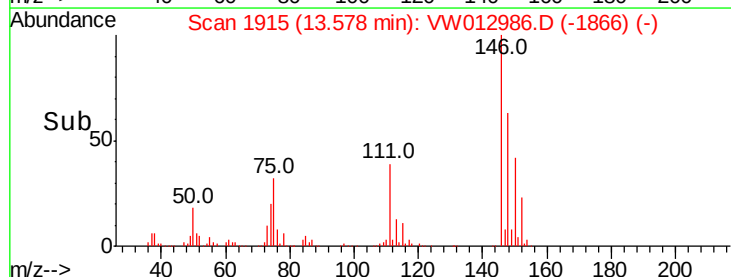
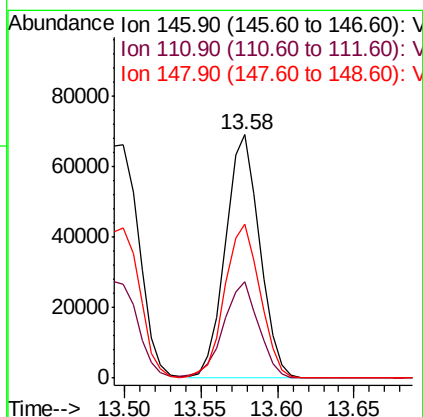
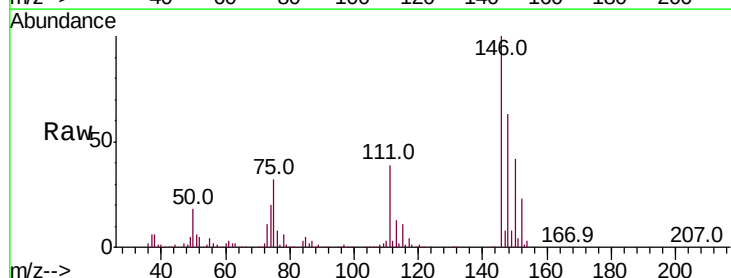
Instrument :
 MSVOA_W
 ClientSampled :

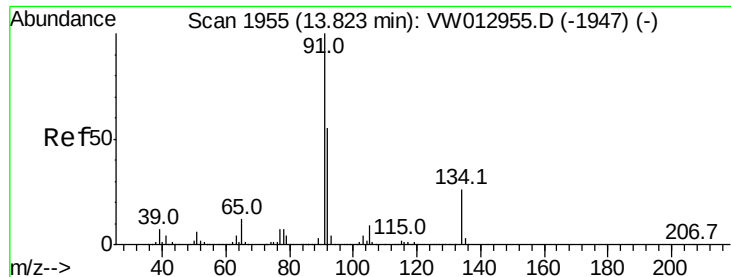
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.8	59.4
148	64.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.153 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.2
148	65.5	31.9	95.5





#89

n-Butylbenzene

Concen: 19.866 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012986.D

Acq: 14 Sep 2019 12:03

Instrument :

MSVOA_W

ClientSampleId :

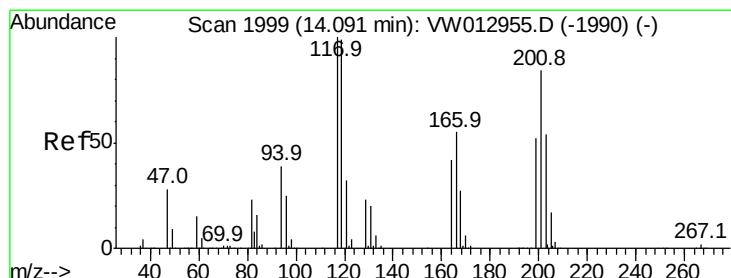
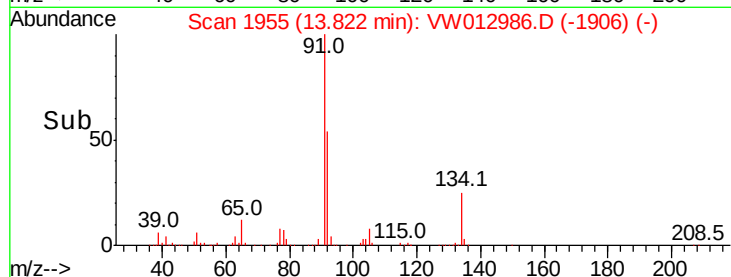
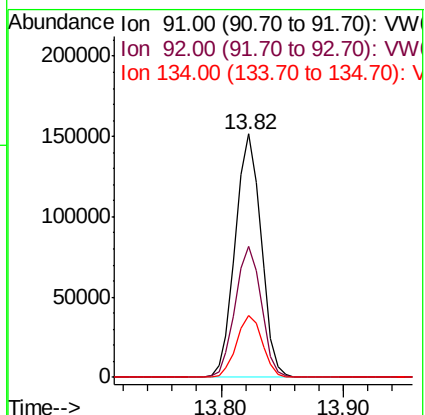
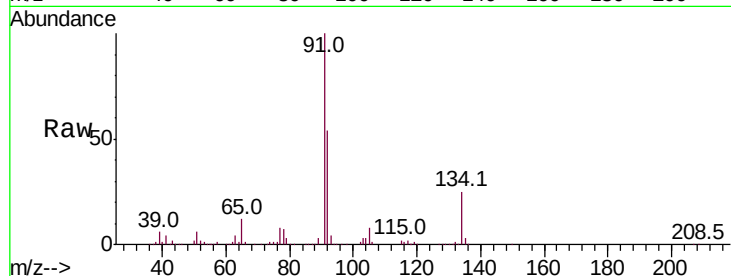
Tot Ion: 91 Resp: 221926

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

134 25.4 13.1 39.1



#90

Hexachloroethane

Concen: 17.798 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012986.D

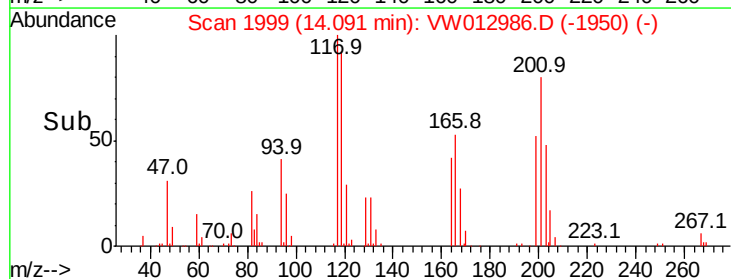
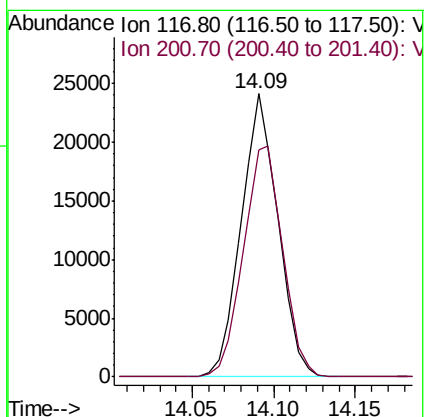
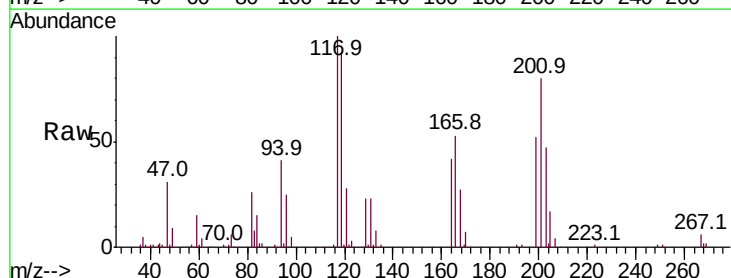
Acq: 14 Sep 2019 12:03

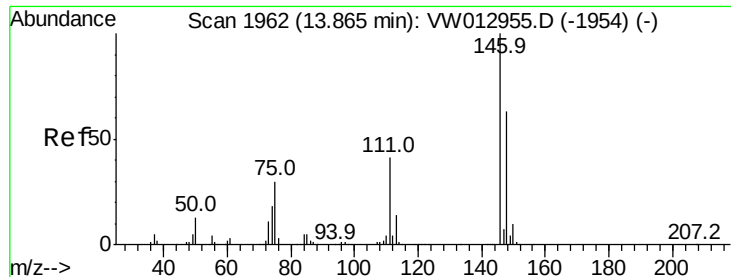
Tgt Ion: 117 Resp: 37782

Ion Ratio Lower Upper

117 100

201 87.2 45.3 135.9

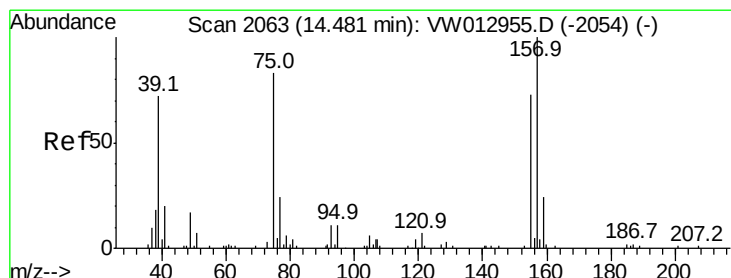
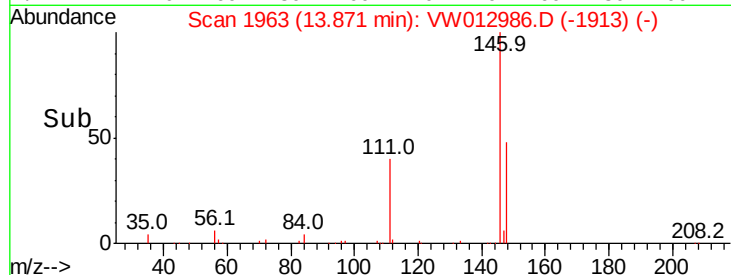
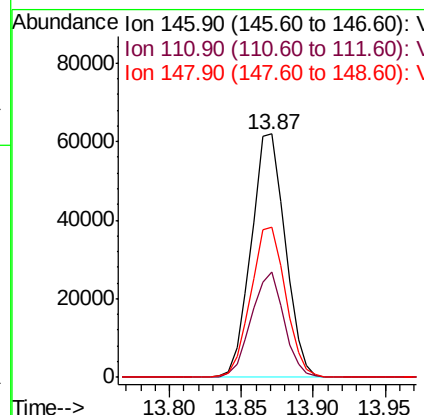
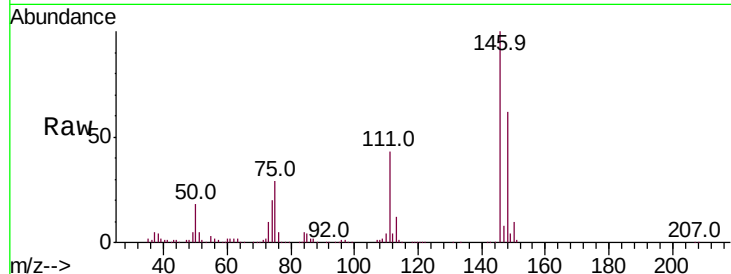




#91
 1,2-Dichlorobenzene
 Concen: 20.121 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

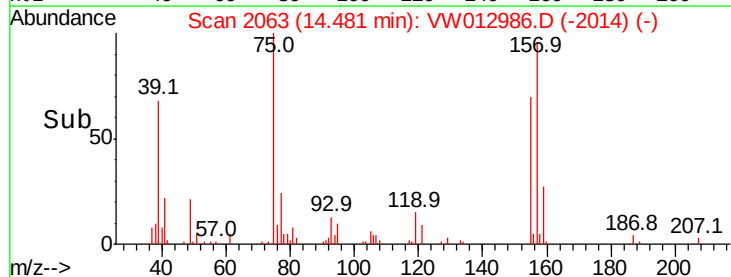
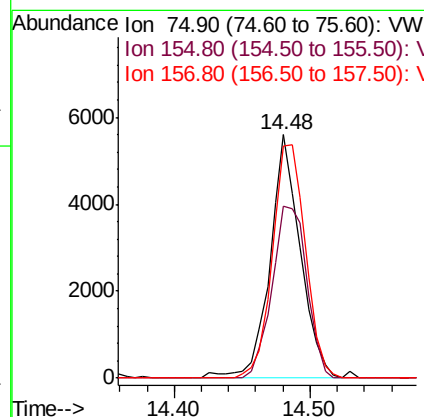
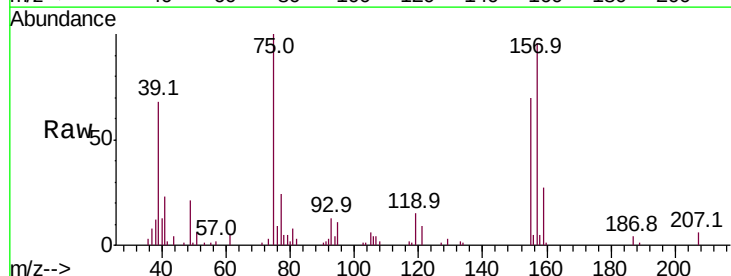
Instrument :
 MSVOA_W
 ClientSampleId :

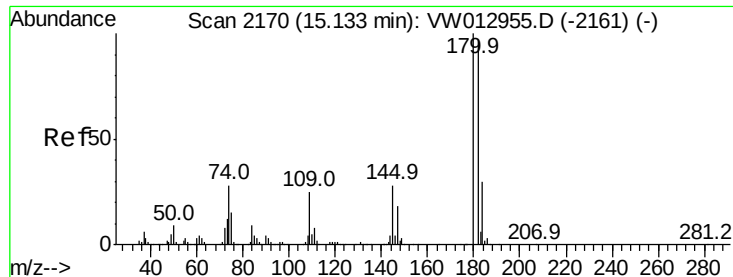
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	63.2	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.694 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	43.3	129.9
157	104.6	54.7	164.1

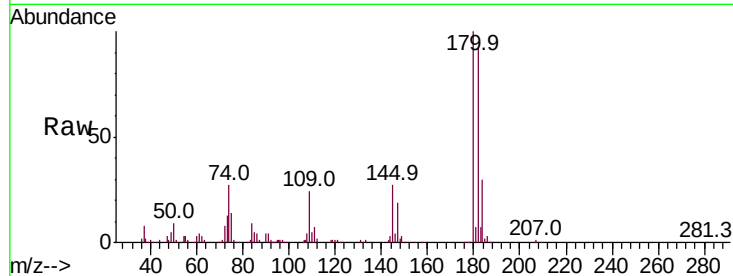




#93
 1,2,4-Trichlorobenzene
 Concen: 19.754 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Instrument :
 MSVOA_W
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	30.7	14.9	44.7

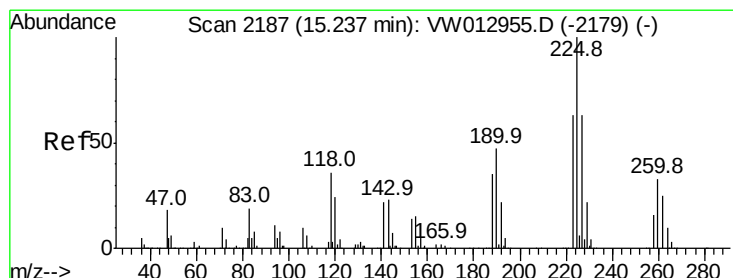
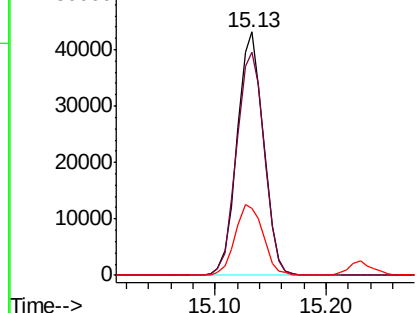
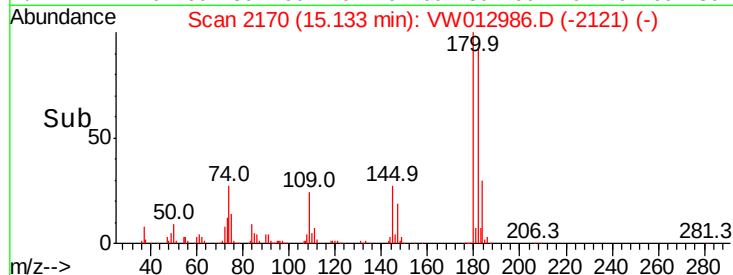


Abundance

Ion 179.80 (179.50 to 180.50): V

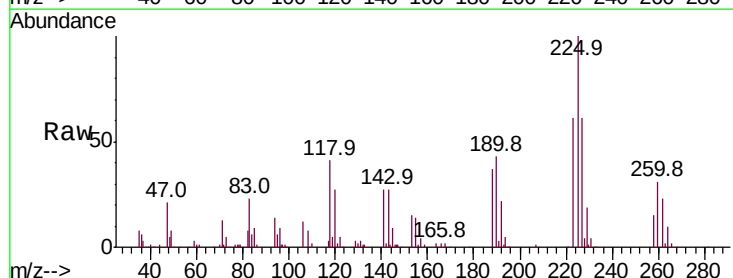
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.355 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012986.D
 Acq: 14 Sep 2019 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.8	95.3
227	64.1	31.3	93.8

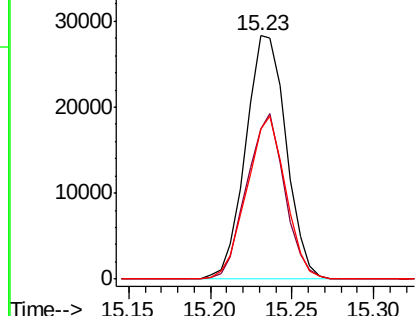
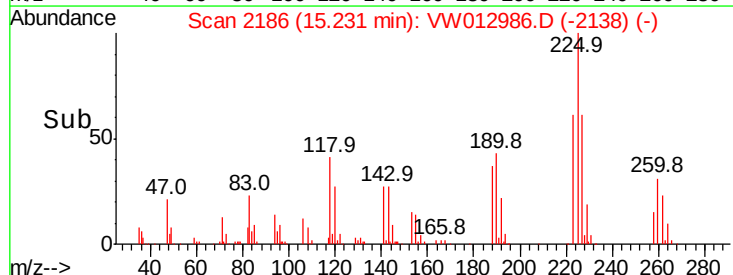


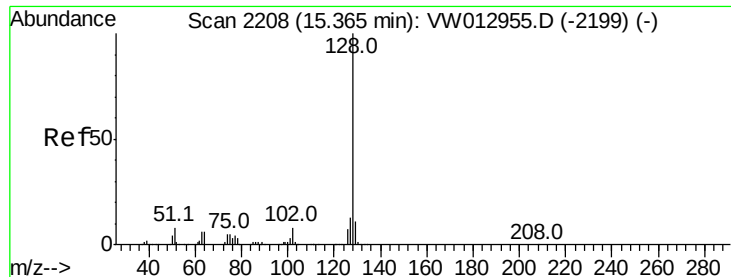
Abundance

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

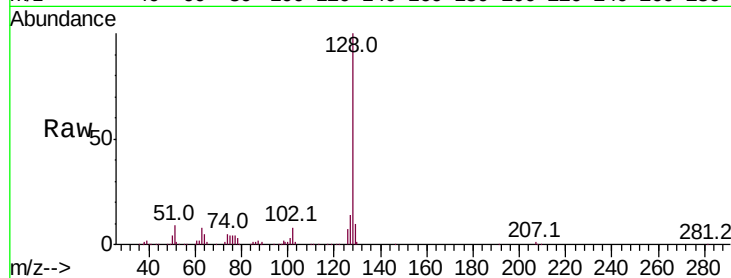




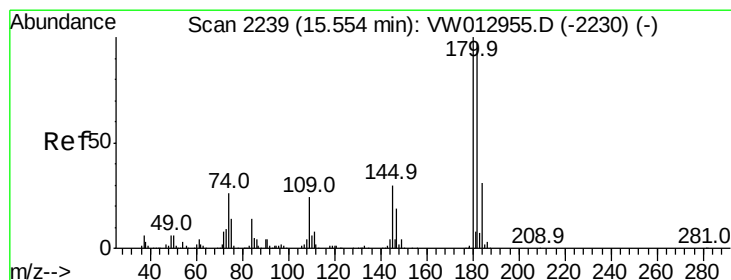
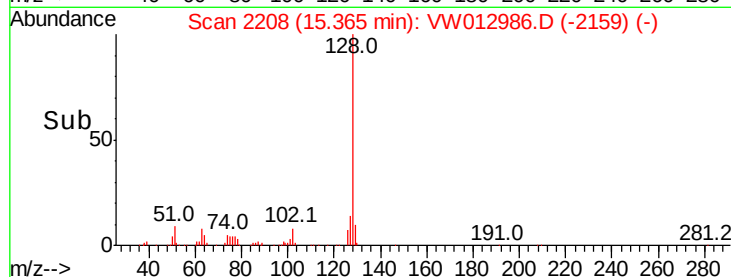
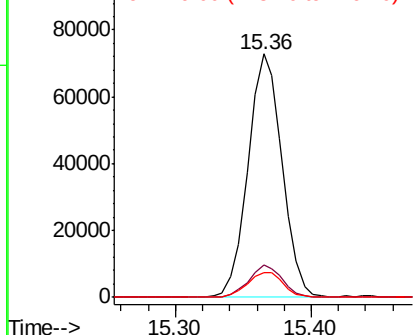
#95
Naphthalene
Concen: 21.386 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 127903
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 10.8 8.6 12.8

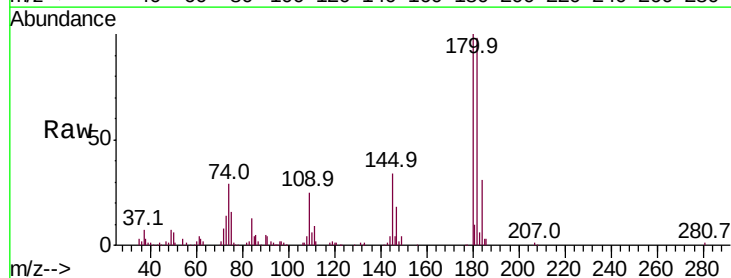


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.729 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012986.D
Acq: 14 Sep 2019 12:03

Tgt Ion:180 Resp: 62424
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.8
145 31.6 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

