

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012388.D
 Acq On : 31 Aug 2019 09:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 17:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130911	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	105677	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.32	98	424997	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	150565	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81537	58.879	ug/l	100
3) Chloromethane	2.21	50	120709	56.262	ug/l	99
4) Vinyl Chloride	2.36	62	148393	56.509	ug/l	99
5) Bromomethane	2.72	94	61991	46.613	ug/l	95
6) Chloroethane	2.88	64	84752	57.212	ug/l	98
7) Trichlorofluoromethane	3.24	101	84392	64.002	ug/l	97
8) Diethyl Ether	3.68	74	64301	51.375	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124945	55.746	ug/l	99
10) Methyl Iodide	4.26	142	168619	55.602	ug/l	99
11) Tert butyl alcohol	5.17	59	44681	277.704	ug/l	99
12) 1,1-Dichloroethene	4.03	96	122583	54.339	ug/l	96
13) Acrolein	3.89	56	35290	233.010	ug/l	98
14) Allyl chloride	4.66	41	268728	55.720	ug/l	99
15) Acrylonitrile	5.36	53	165902	267.426	ug/l	99
16) Acetone	4.12	43	167955	245.756	ug/l	98
17) Carbon Disulfide	4.37	76	355672	52.168	ug/l	100
18) Methyl Acetate	4.66	43	84936	50.177	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212899	58.358	ug/l	100
20) Methylene Chloride	4.91	84	132944	51.457	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131097	54.192	ug/l	99
22) Diisopropyl ether	6.31	45	495815	55.463	ug/l	98
23) Vinyl Acetate	6.25	43	1509787	274.432	ug/l	100
24) 1,1-Dichloroethane	6.21	63	267108	54.877	ug/l	99
25) 2-Butanone	7.17	43	231720	249.513	ug/l	100
26) 2,2-Dichloropropane	7.17	77	156574	56.833	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	140190	54.240	ug/l	97
28) Bromochloromethane	7.51	49	103940	48.995	ug/l	98
29) Tetrahydrofuran	7.52	42	150123	269.436	ug/l	99
30) Chloroform	7.67	83	247491	55.576	ug/l	96
31) Cyclohexane	7.95	56	246212	51.127	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	203628	57.803	ug/l	99
36) 1,1-Dichloropropene	8.08	75	205276	57.217	ug/l	99
37) Ethyl Acetate	7.25	43	102923	52.352	ug/l	99
38) Carbon Tetrachloride	8.07	117	185132	59.620	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227462	56.436	ug/l	99
40) Benzene	8.32	78	550450	56.189	ug/l	99
41) Methacrylonitrile	7.48	41	65760	56.911	ug/l	97
42) 1,2-Dichloroethane	8.40	62	174454	56.820	ug/l	100
43) Isopropyl Acetate	8.42	43	196089	53.846	ug/l	100
44) Trichloroethene	9.09	130	135183	56.765	ug/l	95
45) 1,2-Dichloropropane	9.37	63	145666	55.250	ug/l	99
46) Dibromomethane	9.46	93	65760	56.059	ug/l	98
47) Bromodichloromethane	9.64	83	179385	57.458	ug/l	98
48) Methyl methacrylate	9.43	41	95334	55.004	ug/l	98
49) 1,4-Dioxane	9.45	88	19280	1073.605	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	508691	274.635	ug/l	99
52) Toluene	10.38	92	334970	56.918	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	183963	57.847	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	216986	56.509	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	91973	55.415	ug/l	98
56) Ethyl methacrylate	10.65	69	134435	55.653	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175833	56.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	341851	275.746	ug/l	100
59) 2-Hexanone	10.97	43	352233	268.760	ug/l	100
60) Dibromochloromethane	11.13	129	105362	56.994	ug/l	100
61) 1,2-Dibromoethane	11.23	107	86459	55.916	ug/l	99
64) Tetrachloroethene	10.86	164	112032	56.434	ug/l	97
65) Chlorobenzene	11.66	112	336715	55.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	119506	56.816	ug/l	100
67) Ethyl Benzene	11.73	91	663280	57.108	ug/l	98
68) m/p-Xylenes	11.84	106	477216	114.066	ug/l	100
69) o-Xylene	12.16	106	220223	56.874	ug/l	99
70) Styrene	12.18	104	384854	57.421	ug/l	99
71) Bromoform	12.35	173	57756	55.112	ug/l #	99
73) Isopropylbenzene	12.46	105	632593	57.148	ug/l	99
74) N-amyl acetate	12.27	43	183867	54.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106813	52.634	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	147569	102.567	ug/l #	100
77) Bromobenzene	12.74	156	133388	55.700	ug/l	98
78) n-propylbenzene	12.80	91	775932	57.419	ug/l	99
79) 2-Chlorotoluene	12.89	91	432897	56.424	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	538309	58.198	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	34290	52.255	ug/l	94
82) 4-Chlorotoluene	12.99	91	456185	56.786	ug/l	99
83) tert-Butylbenzene	13.21	119	455129	58.088	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	533222	57.389	ug/l	100
85) sec-Butylbenzene	13.38	105	648703	57.790	ug/l	99
86) p-Isopropyltoluene	13.50	119	586643	58.519	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	263028	56.154	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	260862	56.088	ug/l	100
89) n-Butylbenzene	13.82	91	591942	59.378	ug/l	99
90) Hexachloroethane	14.09	117	100033	56.875	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	231349	56.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18003	52.623	ug/l	98

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

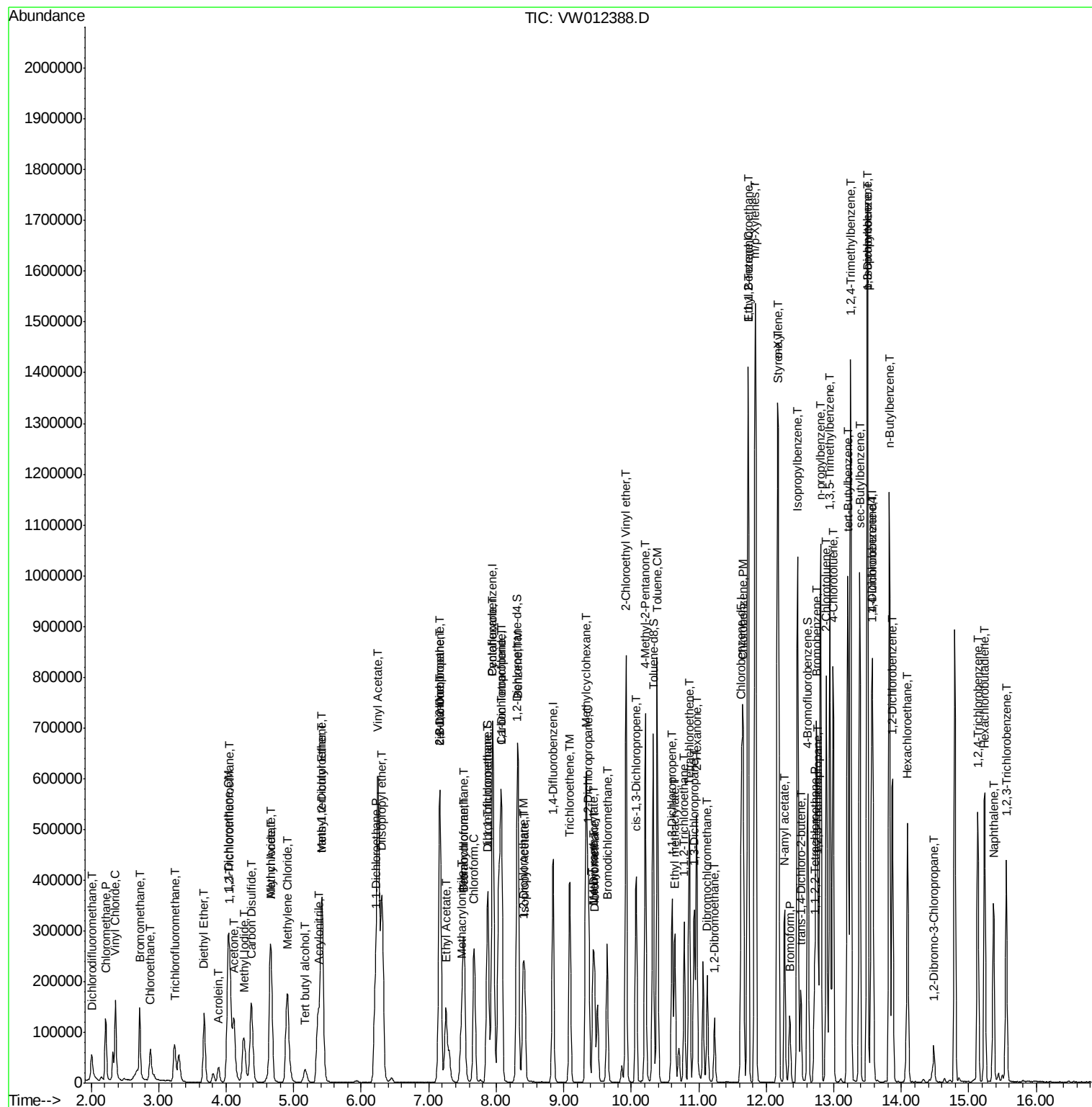
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166355	58.583	ug/l	100
94) Hexachlorobutadiene	15.24	225	114779	61.215	ug/l	98
95) Naphthalene	15.36	128	287513	51.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	145429	58.699	ug/l	99

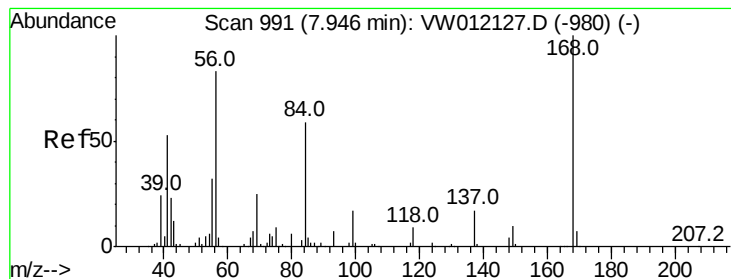
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083119\
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MSVOA_W
ClientSampled :

Quant Time: Aug 31 17:14:43 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

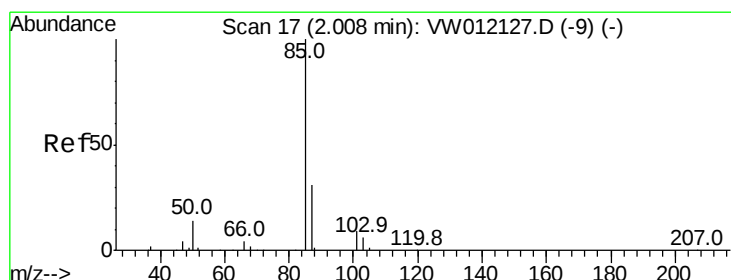
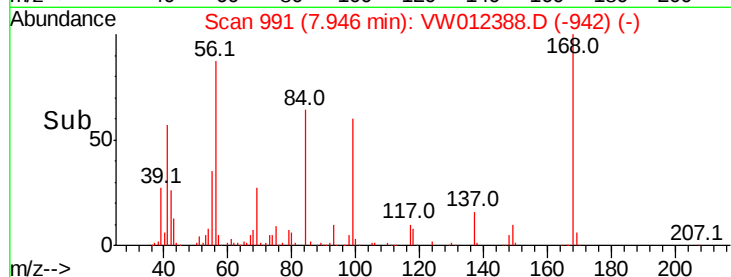
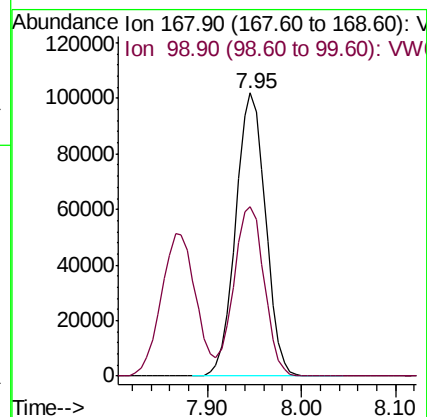
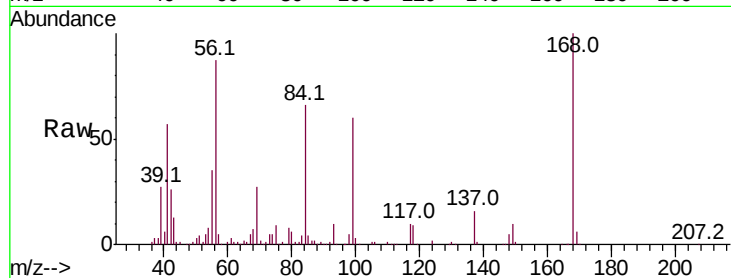
ClientSampleId :

Tot Ion:168 Resp: 224905

Ion Ratio Lower Upper

168 100

99 59.7 49.2 73.8



#2

Dichlorodifluoromethane

Concen: 58.879 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012388.D

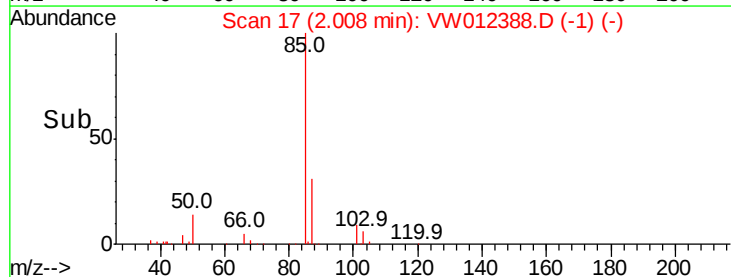
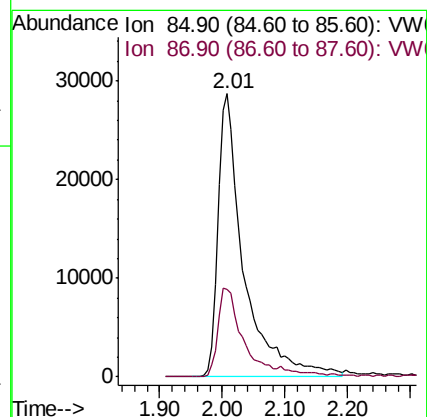
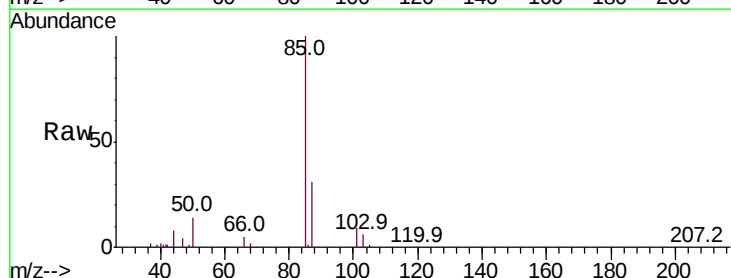
Acq: 31 Aug 2019 09:41

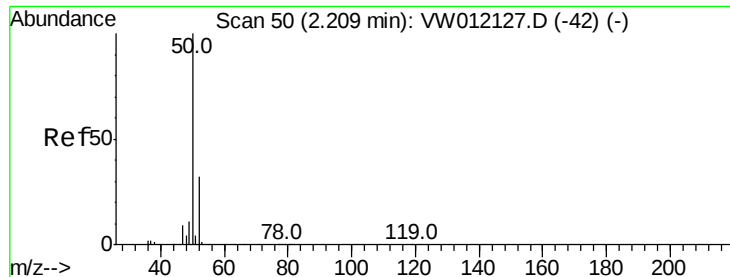
Tgt Ion: 85 Resp: 81537

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8





#3

Chloromethane

Concen: 56.262 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

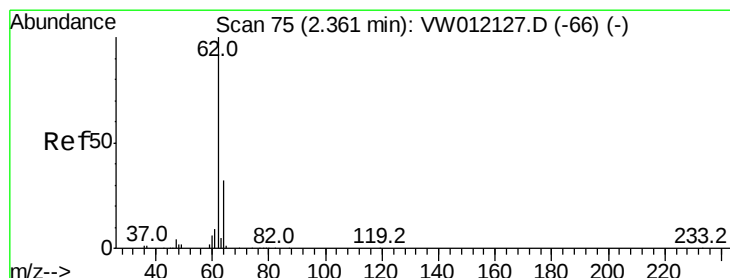
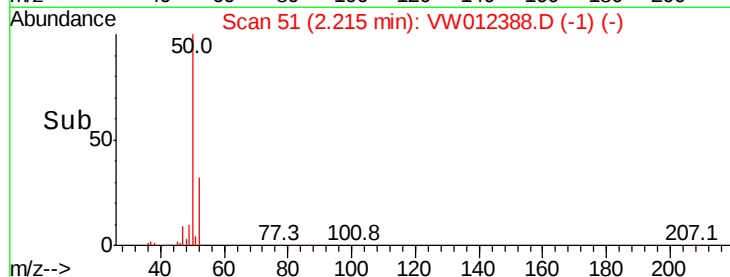
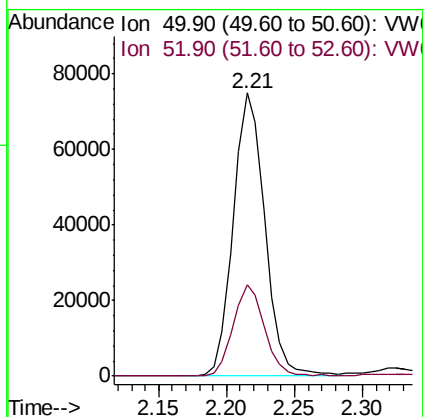
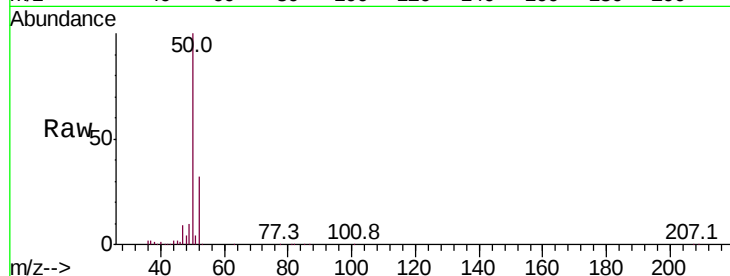
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 120709

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 56.509 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012388.D

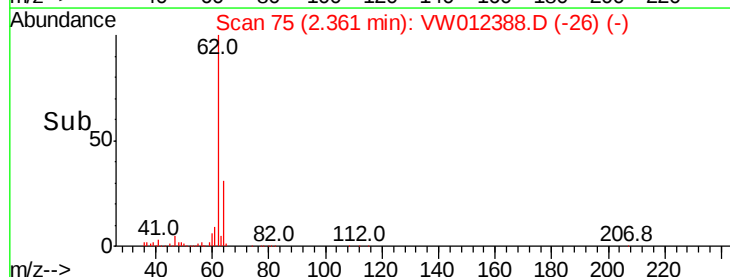
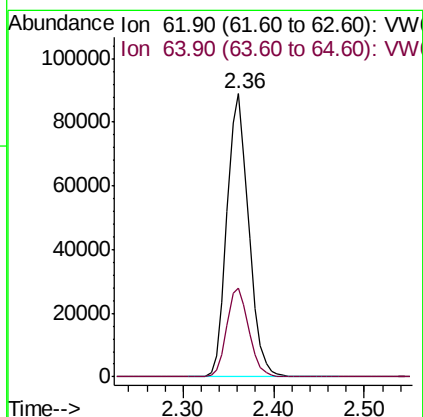
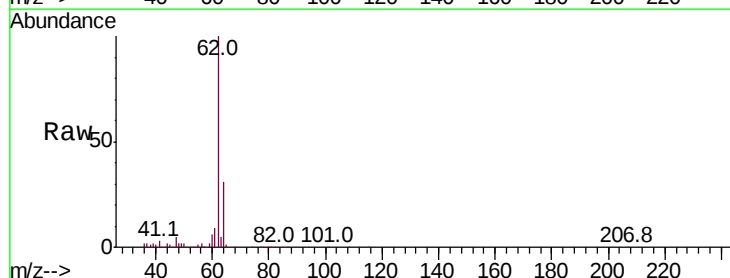
Acq: 31 Aug 2019 09:41

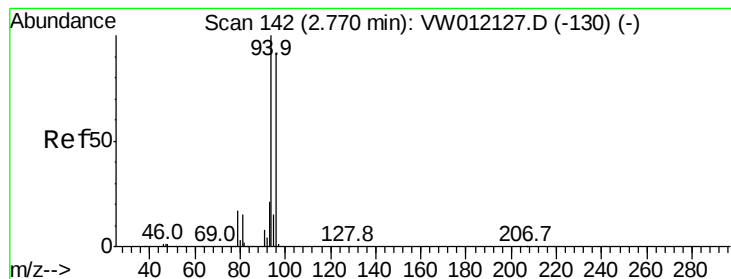
Tgt Ion: 62 Resp: 148393

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 46.613 ug/l

RT: 2.72 min Scan# 134

Delta R.T. -0.05 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

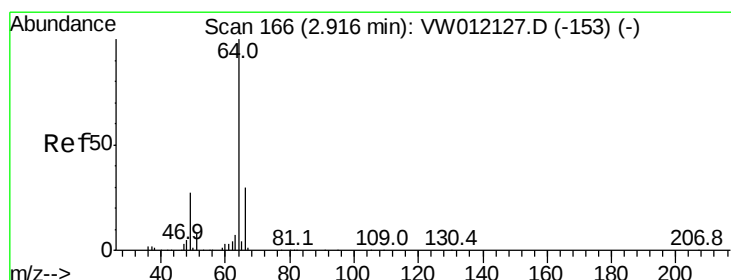
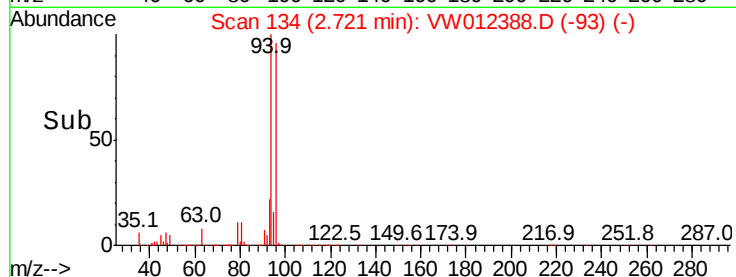
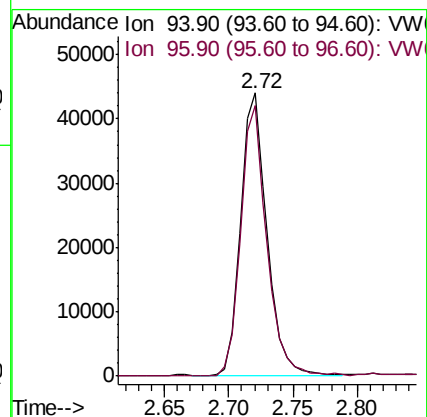
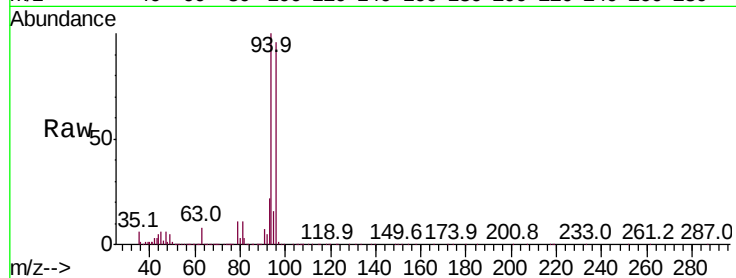
ClientSampleId :

Tot Ion: 94 Resp: 61991

Ion Ratio Lower Upper

94 100

96 95.7 72.9 109.3



#6

Chloroethane

Concen: 57.212 ug/l

RT: 2.88 min Scan# 160

Delta R.T. -0.04 min

Lab File: VW012388.D

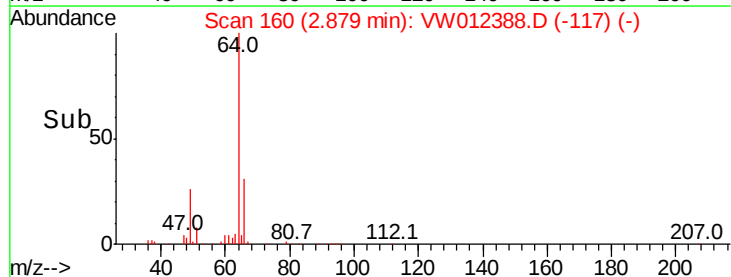
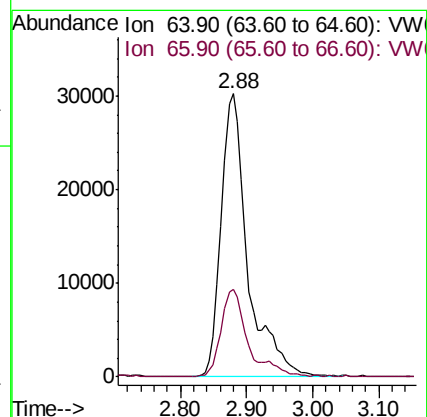
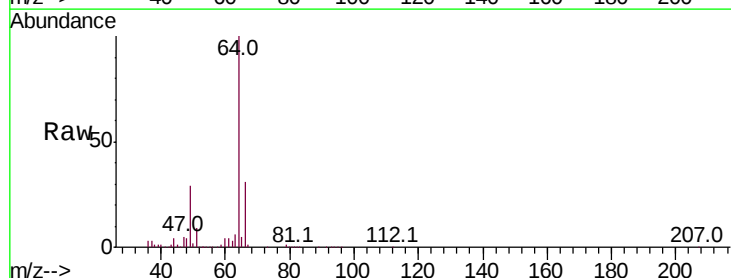
Acq: 31 Aug 2019 09:41

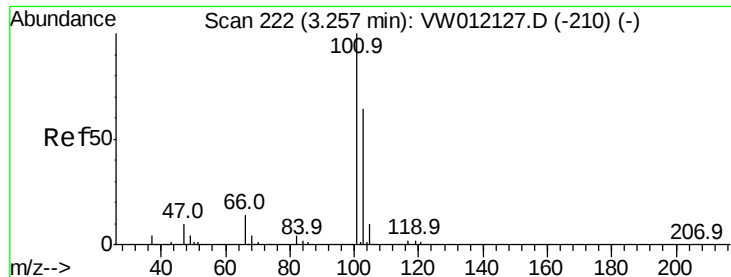
Tgt Ion: 64 Resp: 84752

Ion Ratio Lower Upper

64 100

66 30.9 23.8 35.8



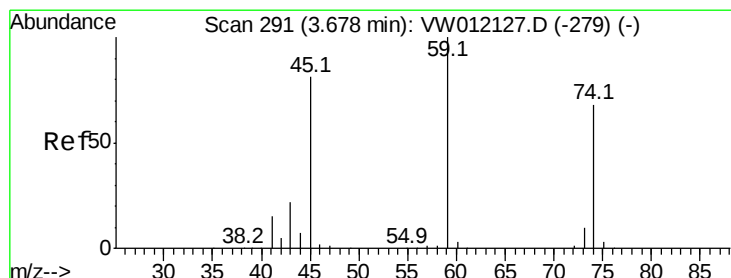
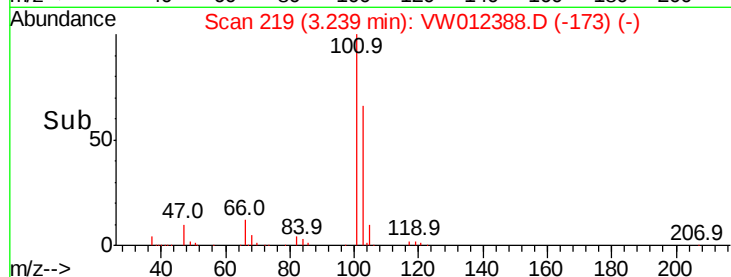
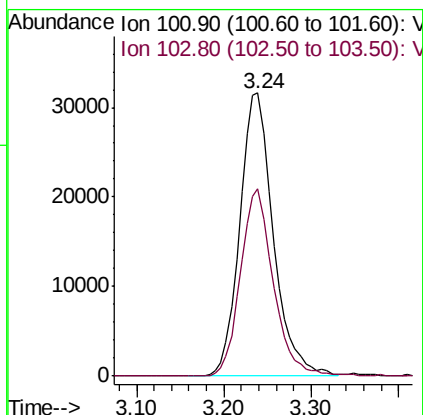
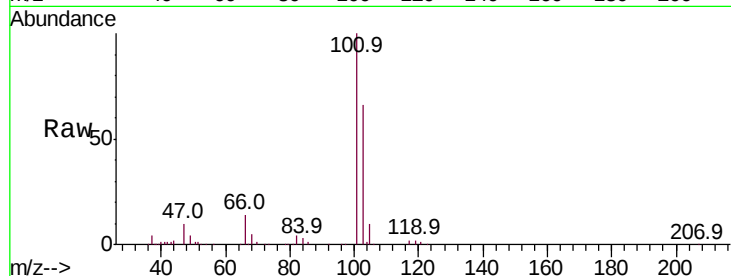


#7

Trichlorofluoromethane
Concen: 64.002 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.02 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :

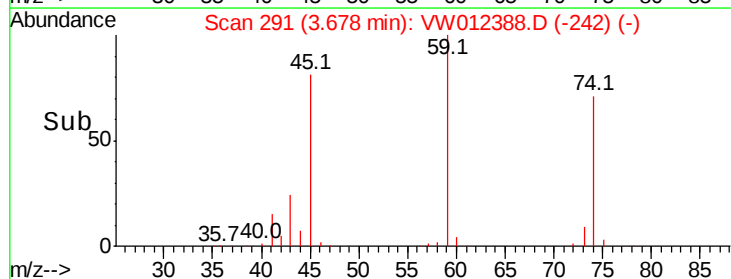
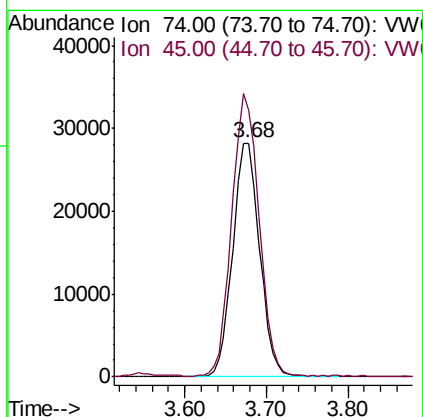
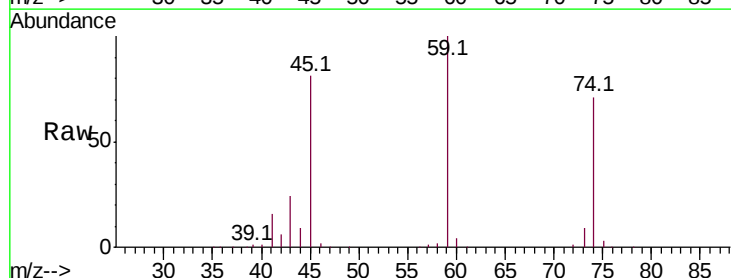
Tot Ion:101 Resp: 84392
Ion Ratio Lower Upper
101 100
103 66.4 51.2 76.8

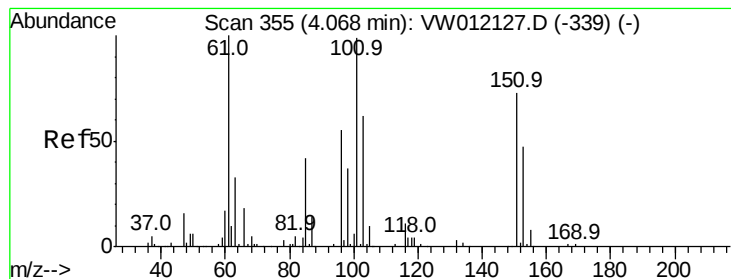


#8

Diethyl Ether
Concen: 51.375 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 74 Resp: 64301
Ion Ratio Lower Upper
74 100
45 122.1 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.746 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

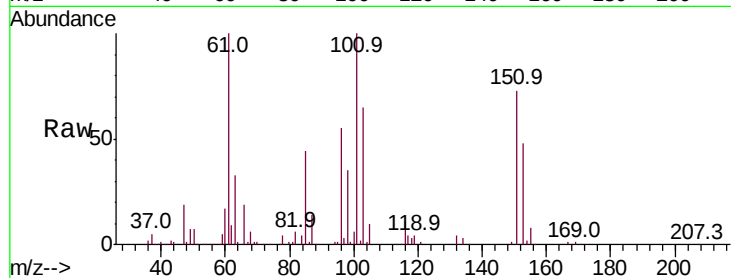
Tot Ion:101 Resp: 124945

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.6

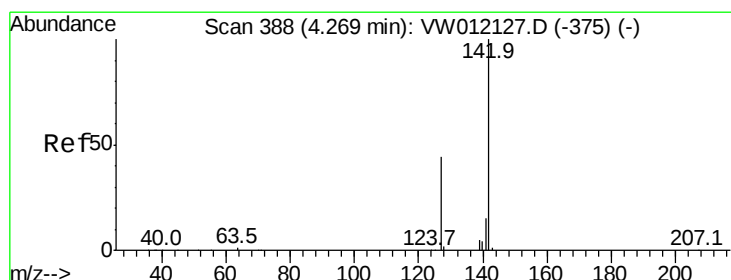
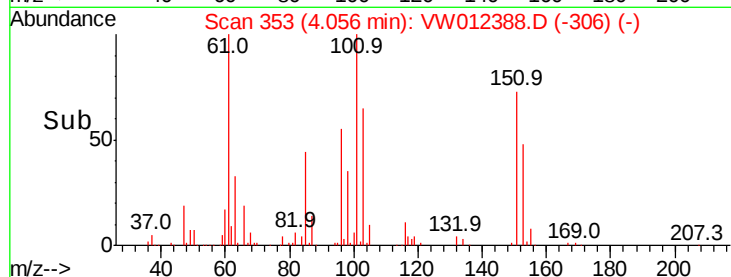
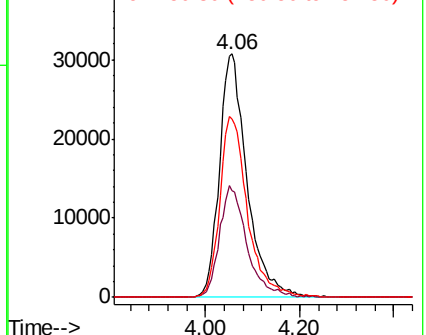
151 74.0 58.6 87.8



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: 55.602 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

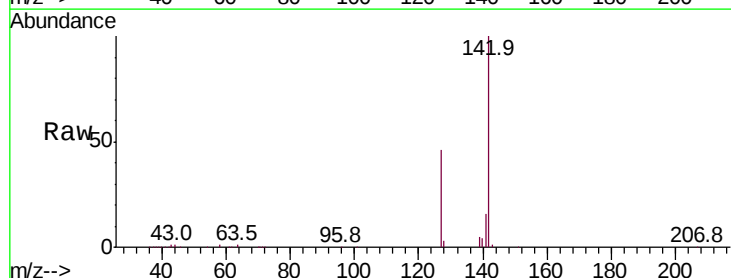
Tgt Ion:142 Resp: 168619

Ion Ratio Lower Upper

142 100

127 45.2 35.5 53.3

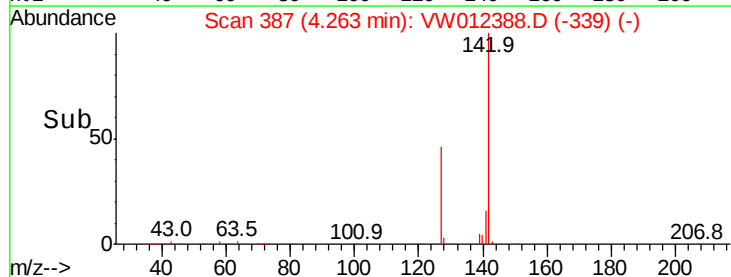
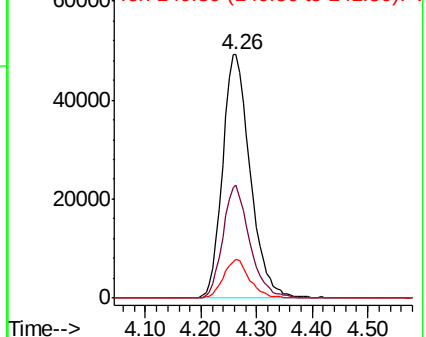
141 15.1 11.8 17.8

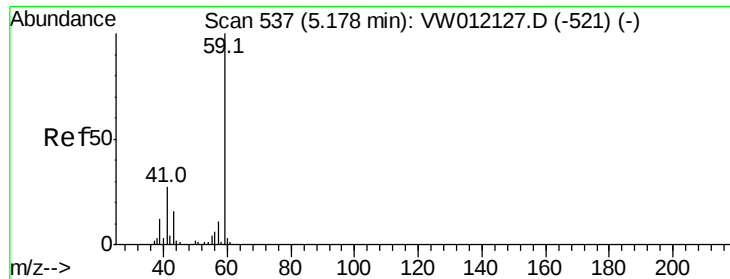


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

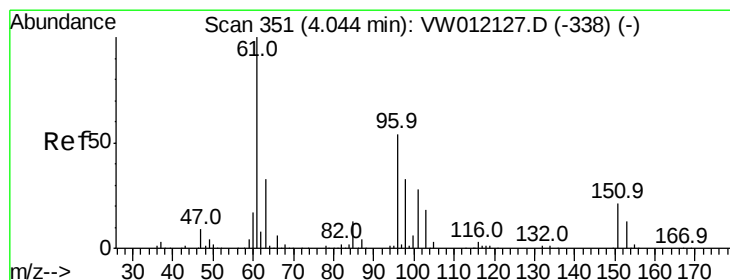
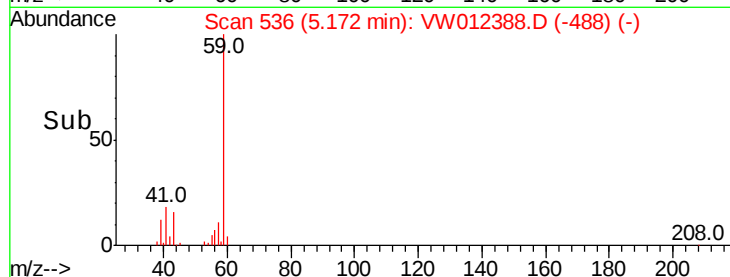
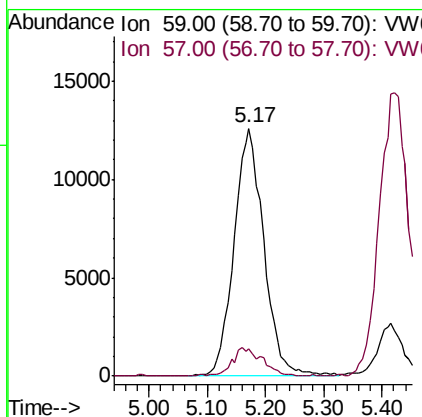
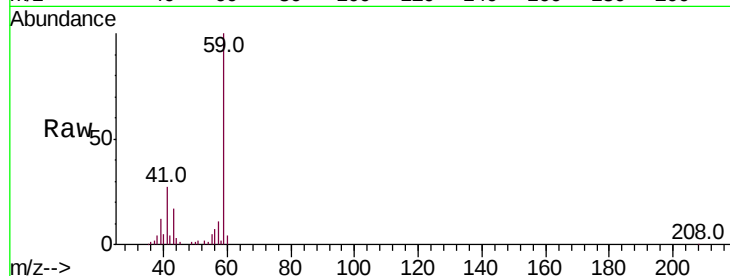




#11
Tert butyl alcohol
Concen: 277.704 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

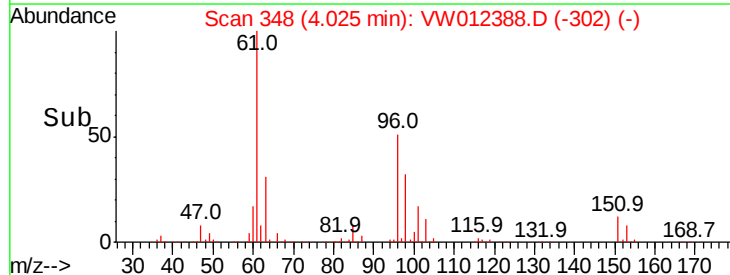
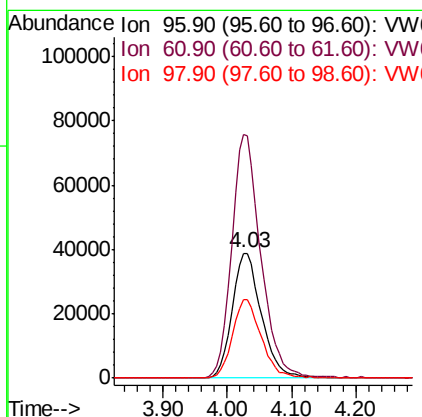
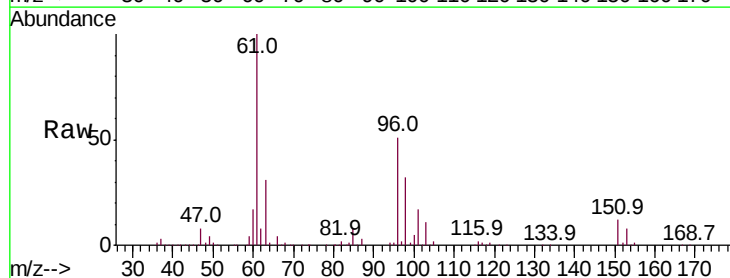
Instrument :
MSVOA_W
ClientSampleId :

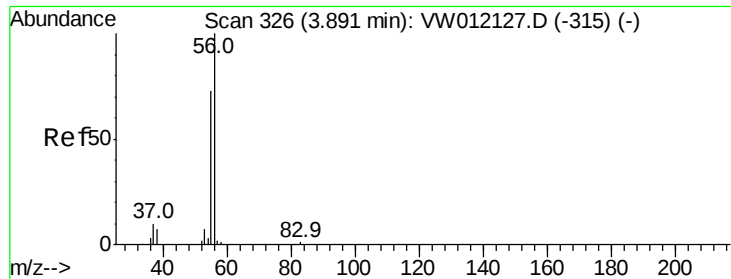
Tot Ion: 59 Resp: 44681
Ion Ratio Lower Upper
59 100
57 11.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 54.339 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.02 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 96 Resp: 122583
Ion Ratio Lower Upper
96 100
61 194.5 149.1 223.7
98 62.7 49.4 74.2





#13

Acrolein

Concen: 233.010 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

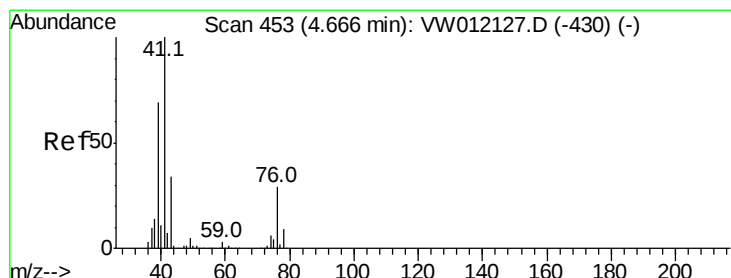
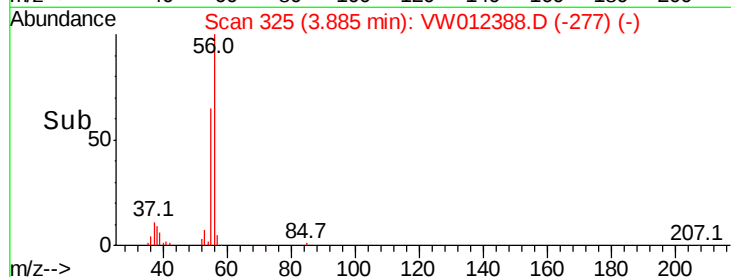
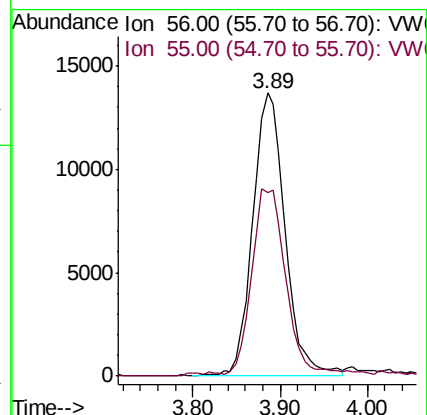
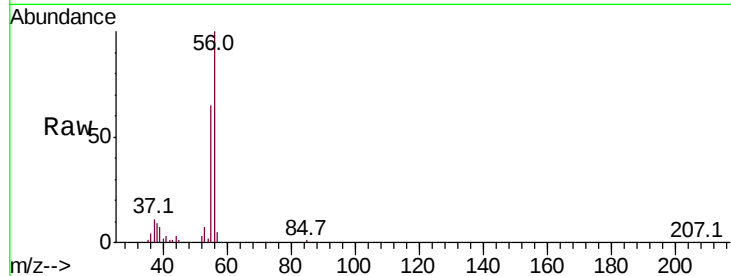
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 35290

Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8



#14

Allyl chloride

Concen: 55.720 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

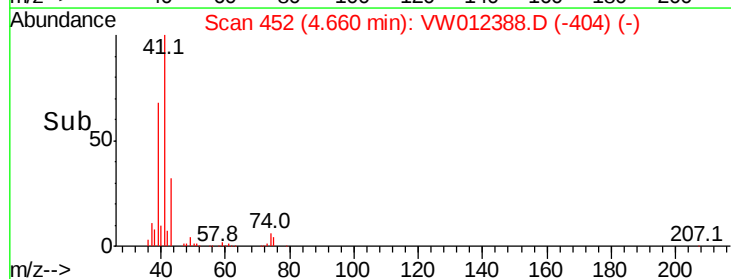
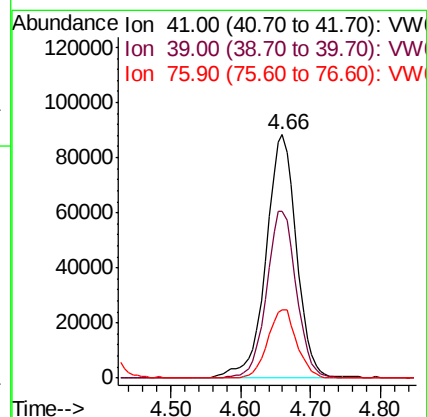
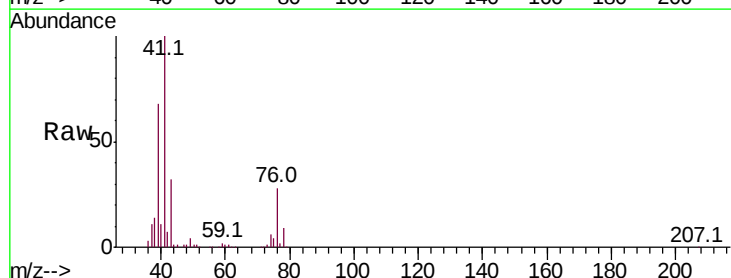
Tgt Ion: 41 Resp: 268728

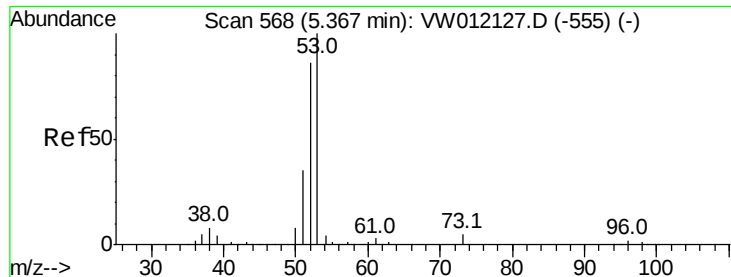
Ion Ratio Lower Upper

41 100

39 67.6 53.4 80.2

76 26.7 22.1 33.1





#15

Acrylonitrile

Concen: 267.426 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

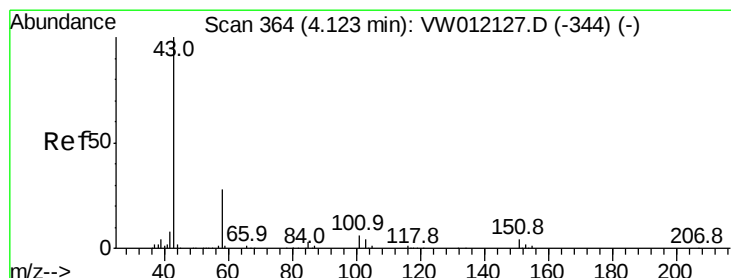
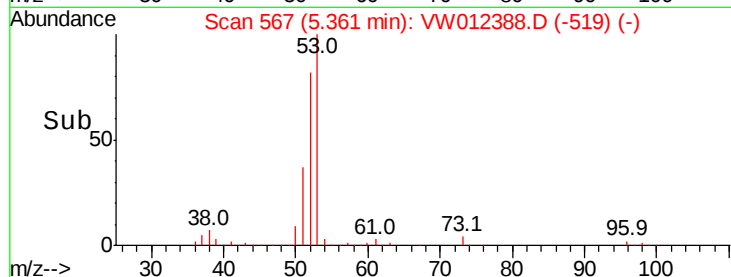
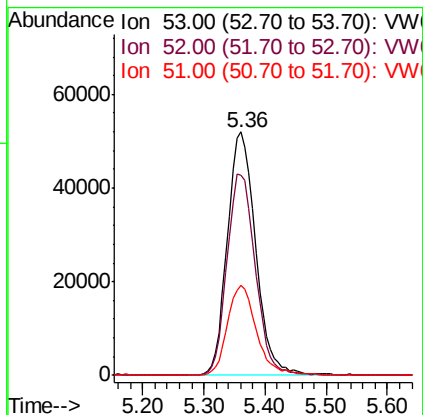
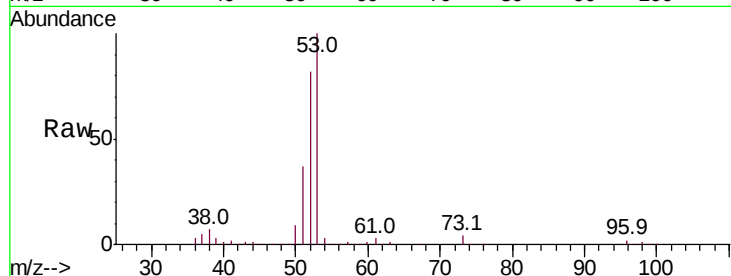
Tot Ion: 53 Resp: 165902

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

51 37.9 30.1 45.1



#16

Acetone

Concen: 245.756 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012388.D

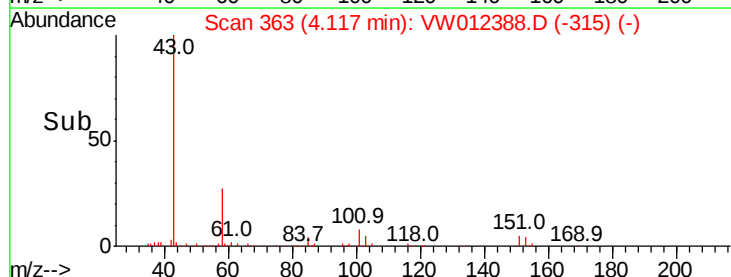
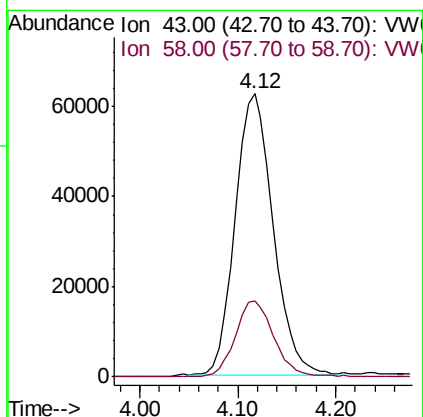
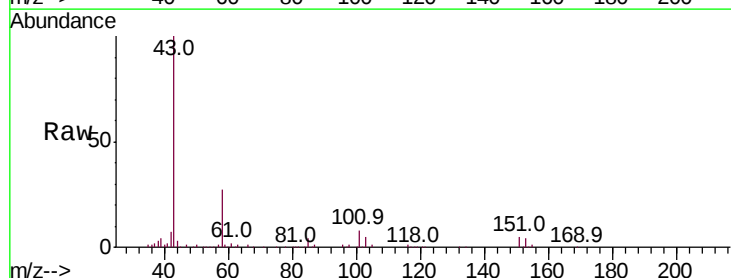
Acq: 31 Aug 2019 09:41

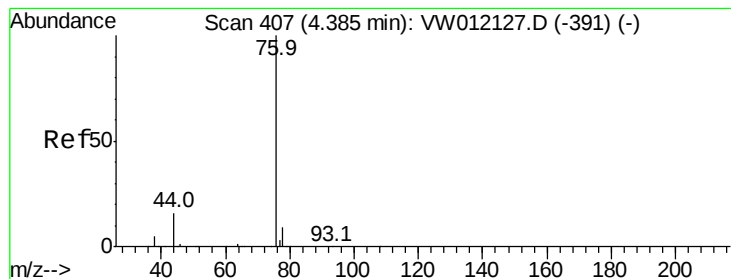
Tgt Ion: 43 Resp: 167955

Ion Ratio Lower Upper

43 100

58 26.8 22.4 33.6





#17

Carbon Disulfide

Concen: 52.168 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

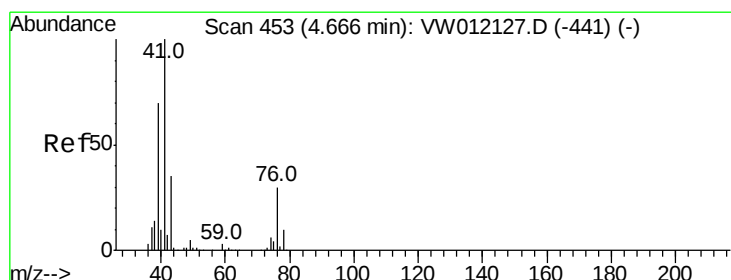
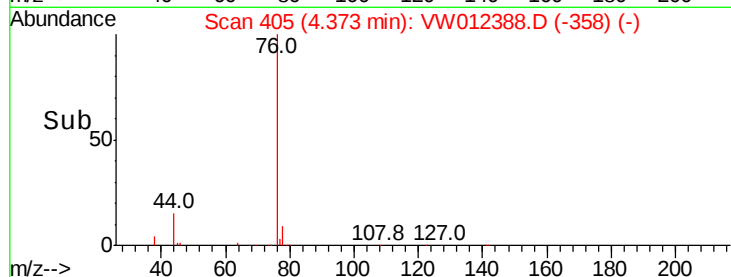
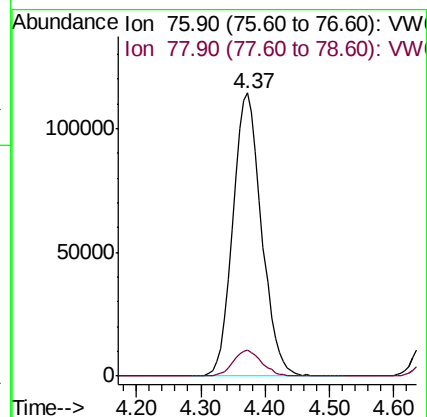
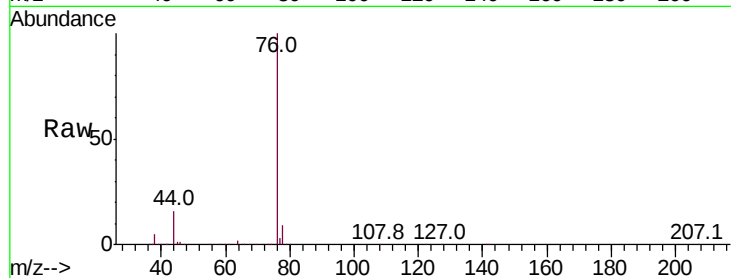
ClientSampleId :

Tot Ion: 76 Resp: 355672

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 50.177 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012388.D

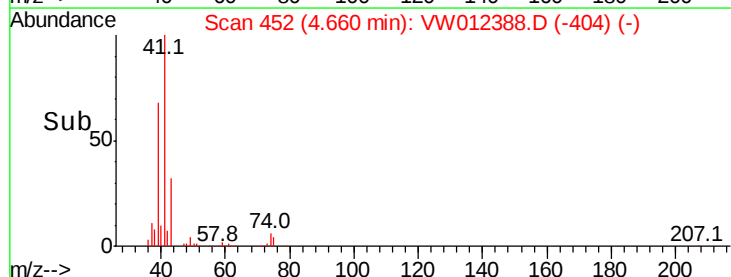
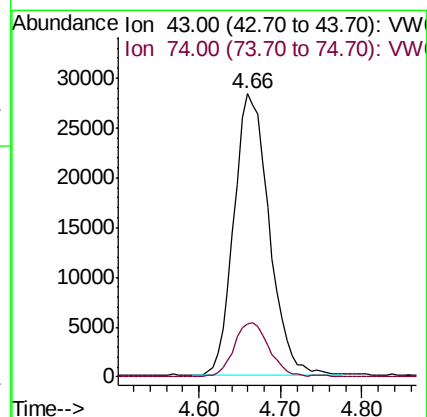
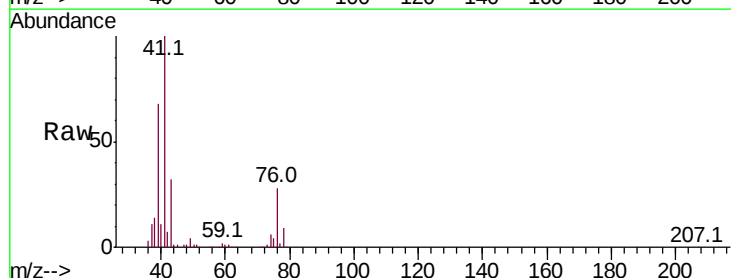
Acq: 31 Aug 2019 09:41

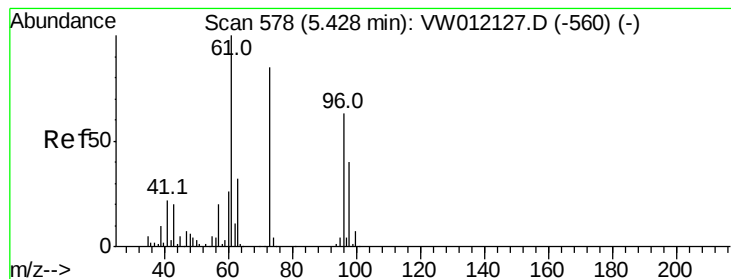
Tgt Ion: 43 Resp: 84936

Ion Ratio Lower Upper

43 100

74 19.1 15.7 23.5



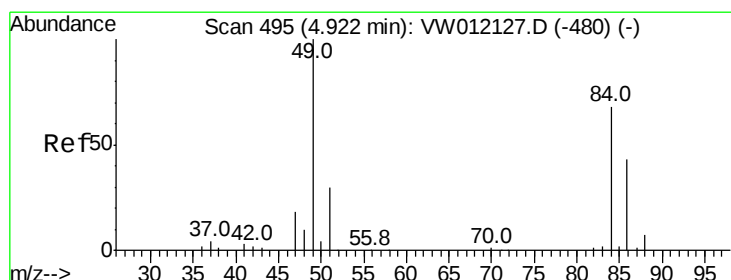
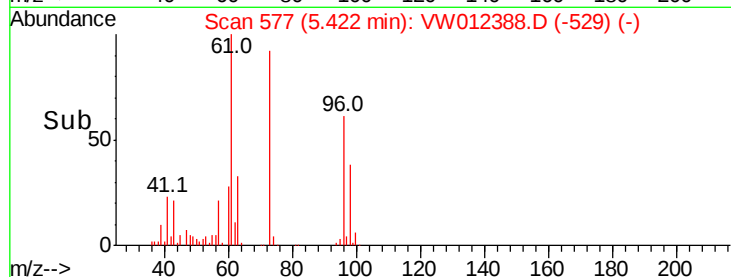
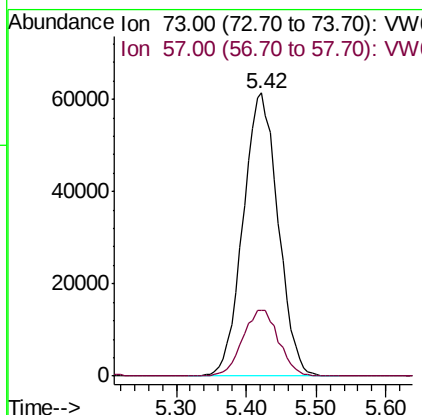
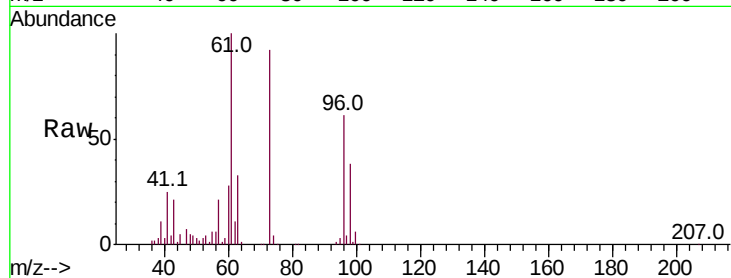


#19

Methyl tert-butyl Ether
 Concen: 58.358 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Instrument :
 MSVOA_W
 ClientSampled :

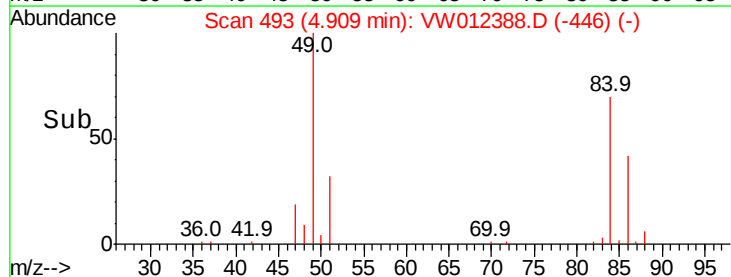
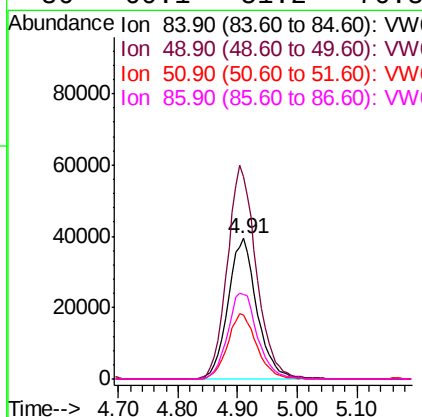
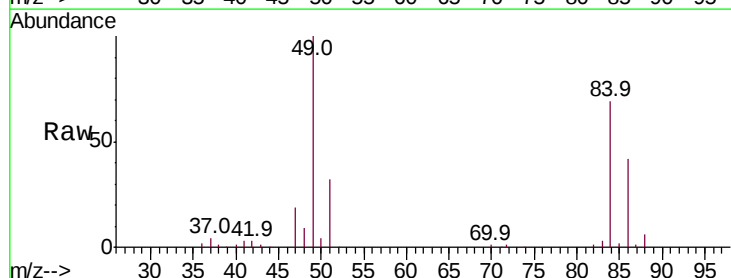
Tot Ion: 73 Resp: 212899
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.9 28.3

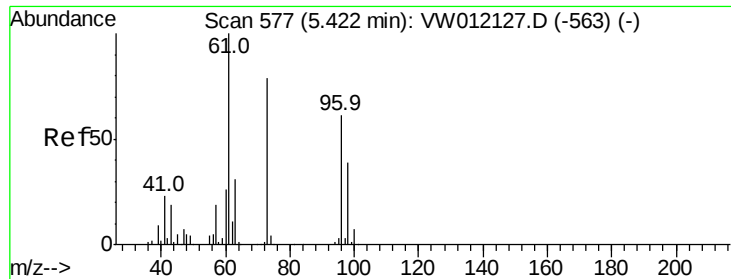


#20

Methylene Chloride
 Concen: 51.457 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion: 84 Resp: 132944
 Ion Ratio Lower Upper
 84 100
 49 144.1 117.8 176.8
 51 45.8 35.6 53.4
 86 60.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.192 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

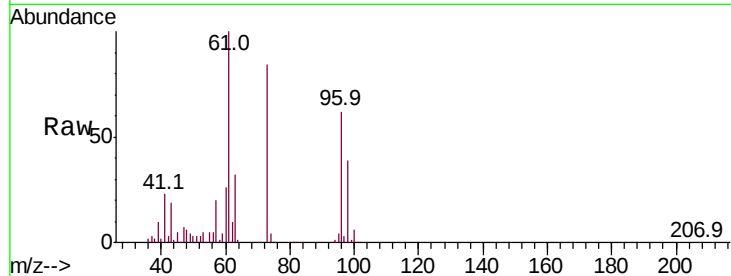
Tot Ion: 96 Resp: 131097

Ion Ratio Lower Upper

96 100

61 162.4 131.4 197.0

98 63.0 51.4 77.0

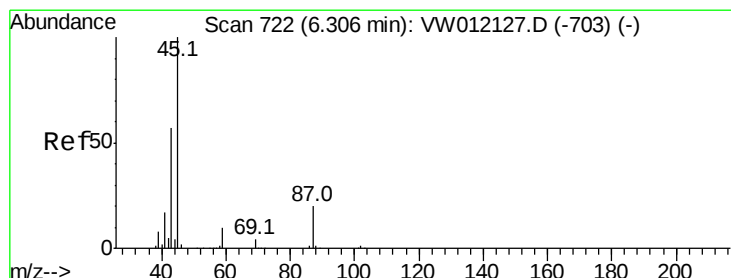
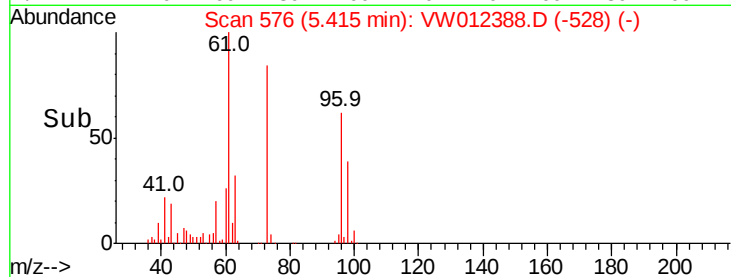
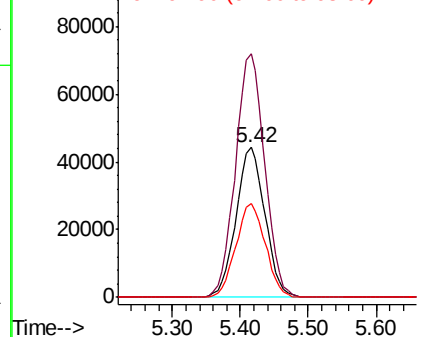


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 55.463 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Tgt Ion: 45 Resp: 495815

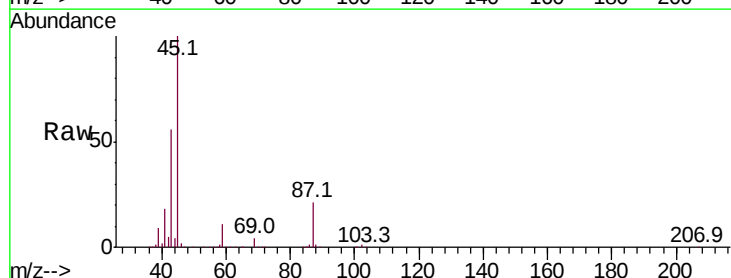
Ion Ratio Lower Upper

45 100

43 54.8 45.5 68.3

87 20.7 16.1 24.1

59 10.7 8.2 12.2



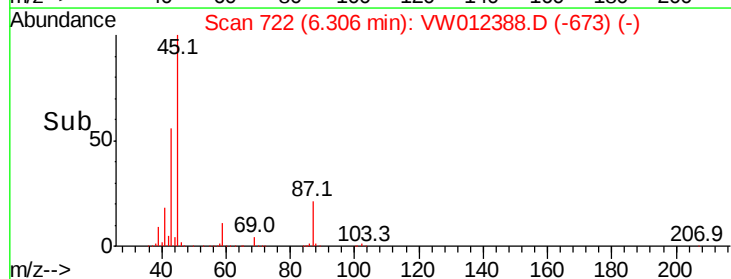
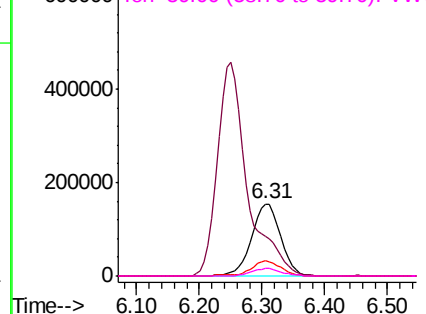
Abundance

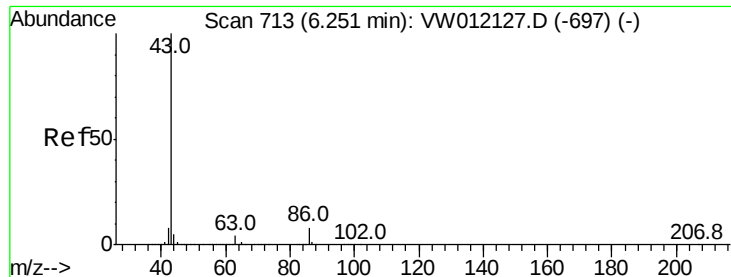
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 274.432 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

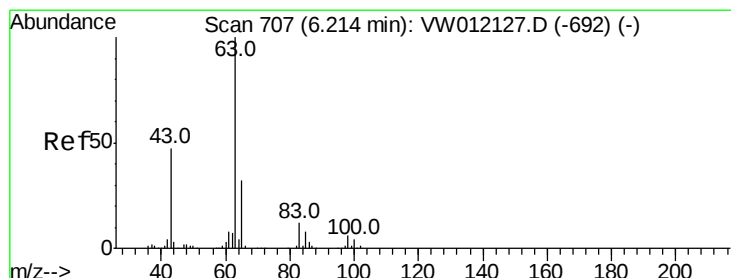
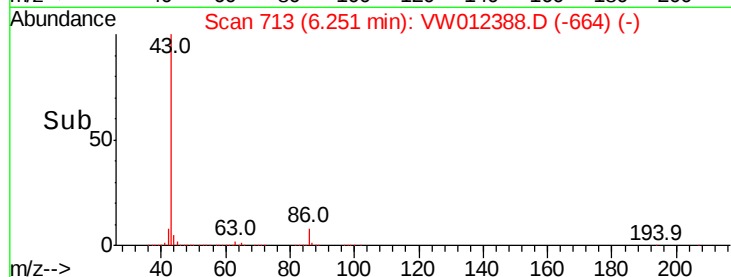
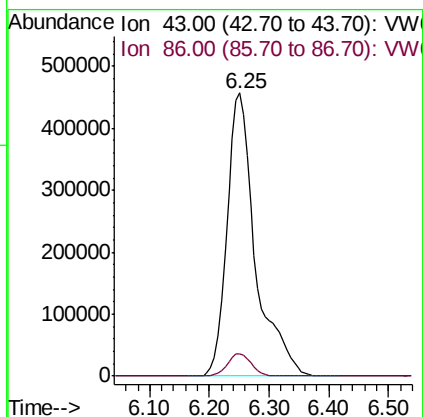
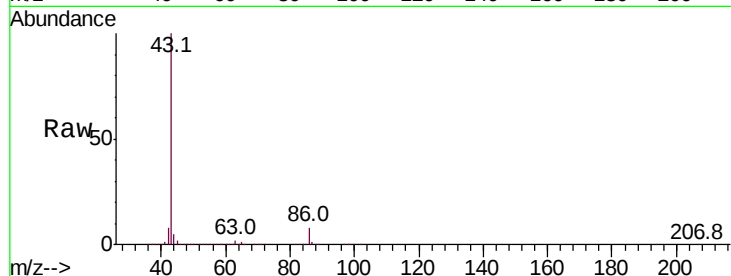
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1509787

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 54.877 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

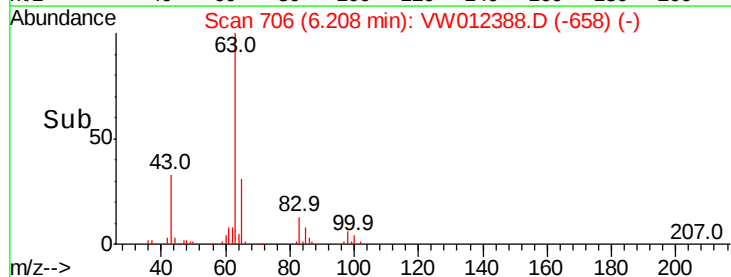
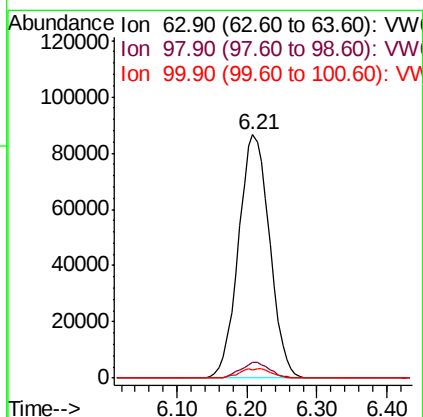
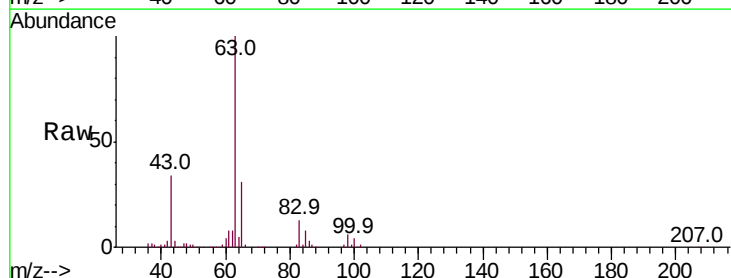
Tgt Ion: 63 Resp: 267108

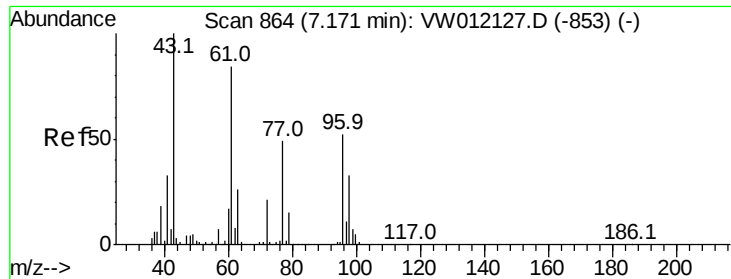
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 249.513 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

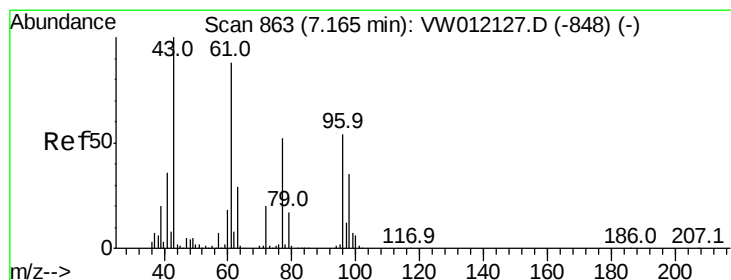
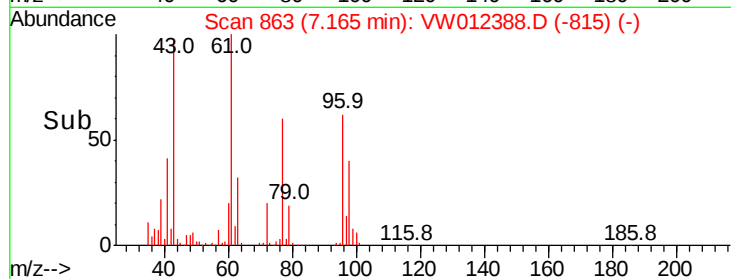
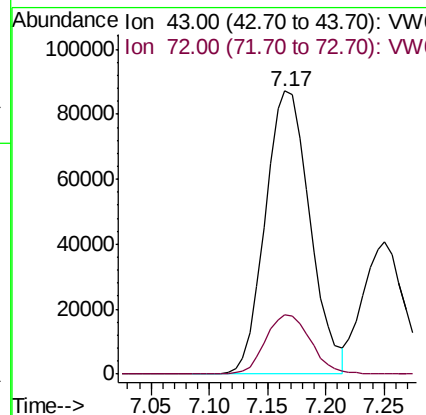
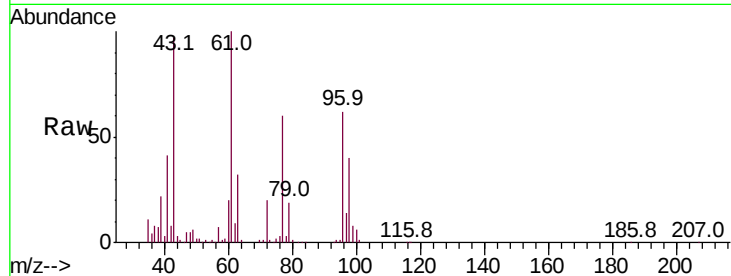
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 231720

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 56.833 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012388.D

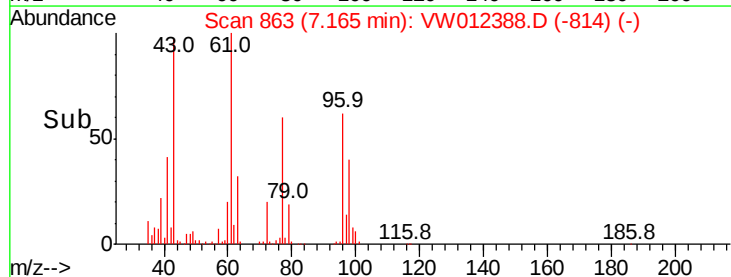
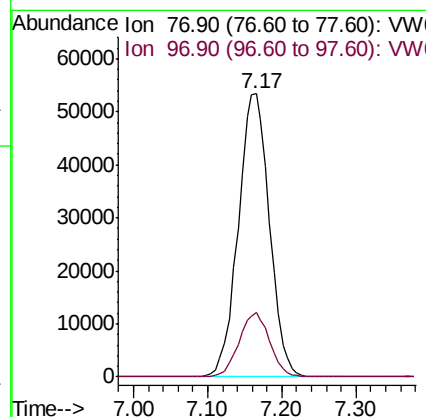
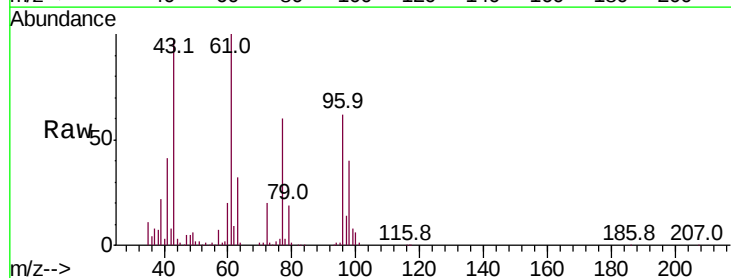
Acq: 31 Aug 2019 09:41

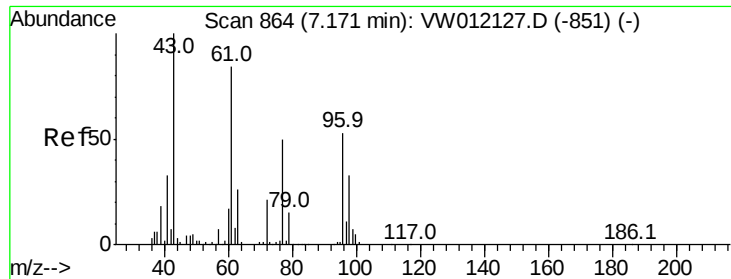
Tgt Ion: 77 Resp: 156574

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1



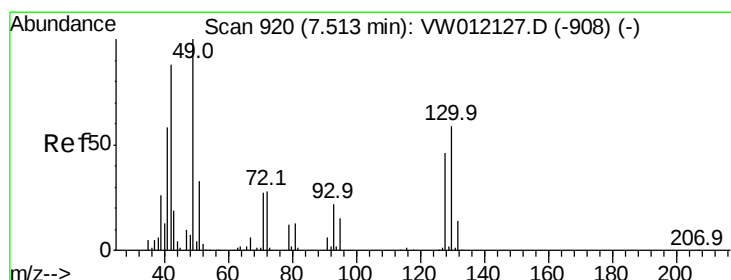
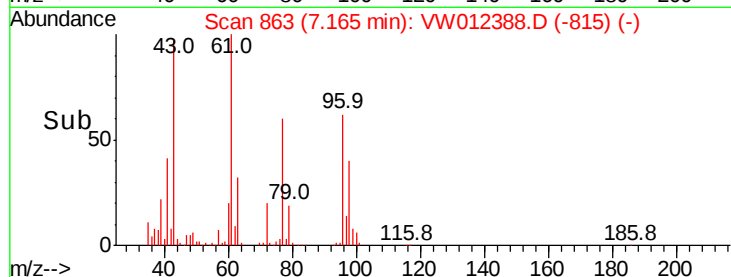
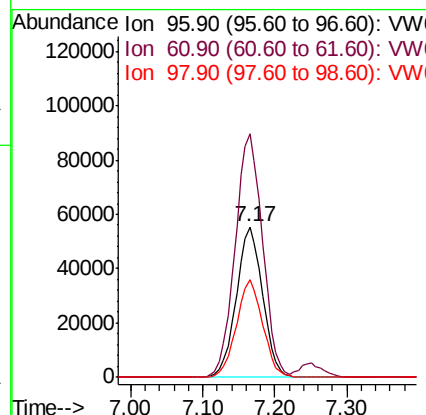
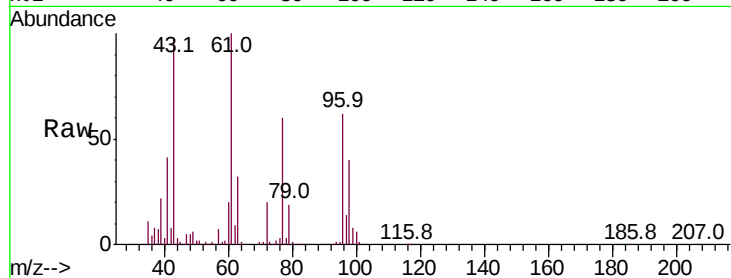


#27

cis-1,2-Dichloroethene
Concen: 54.240 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Instrument :
MSVOA_W
ClientSampled :

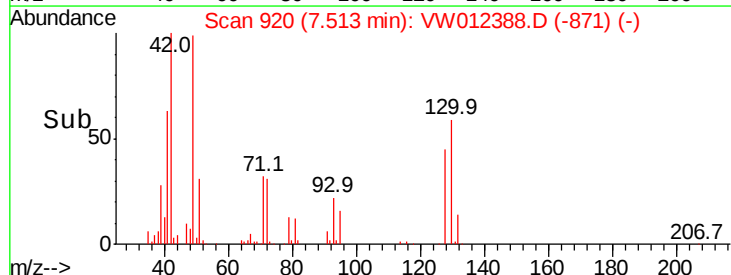
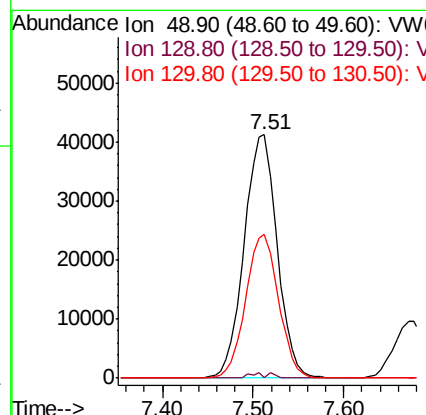
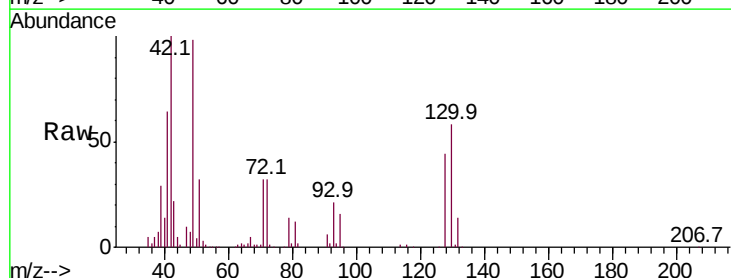
Tot Ion	96	Resp	140190
Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	326.6
98	64.5	0.0	127.4

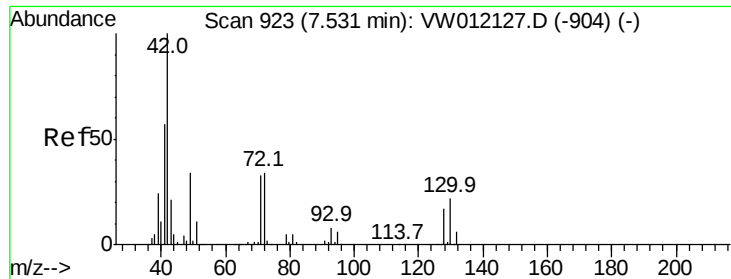


#28

Bromochloromethane
Concen: 48.995 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion	49	Resp	103940
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	58.6	45.5	68.3

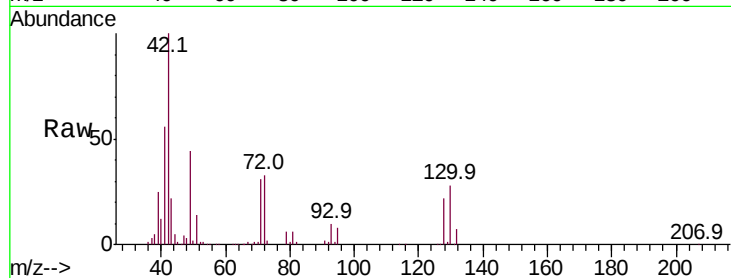




#29
Tetrahydrofuran
Concen: 269.436 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.3	27.3	40.9
71	32.1	25.5	38.3

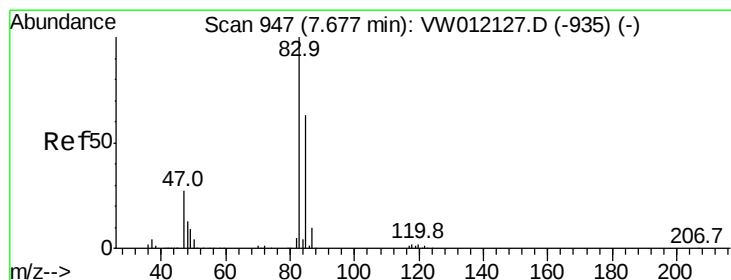
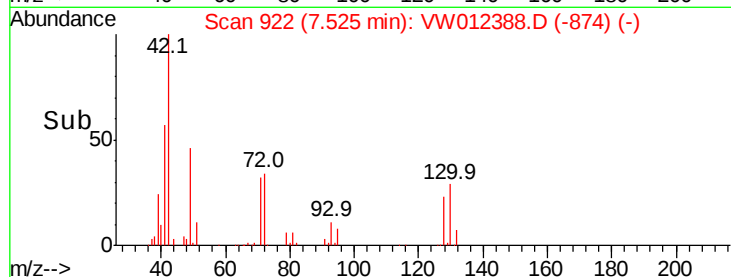
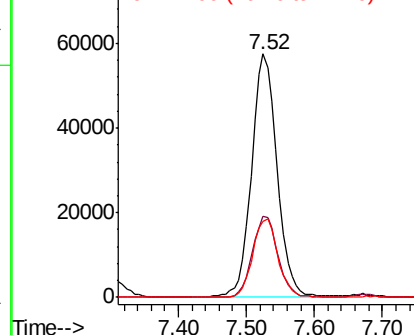


Abundance

Ion 42.00 (41.70 to 42.70): VW

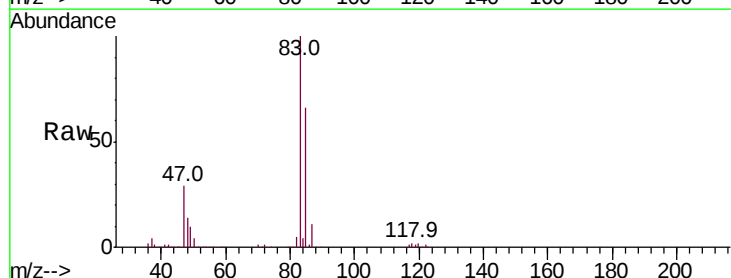
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 55.576 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

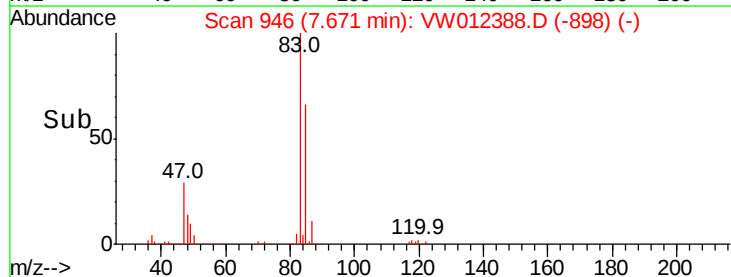
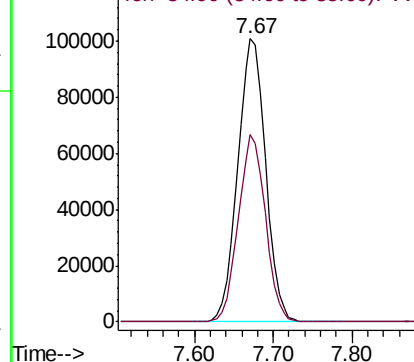
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.6	76.0

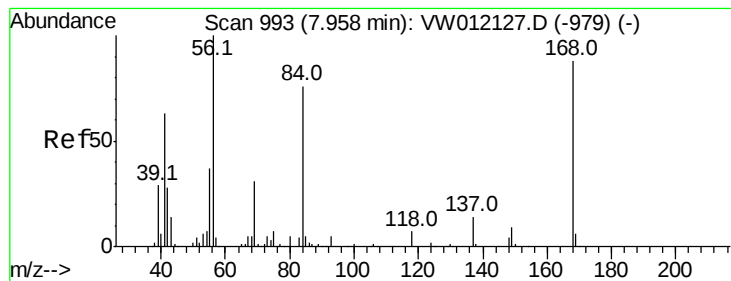


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 51.127 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :

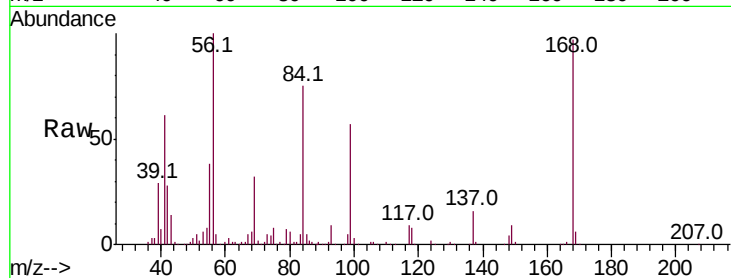
Tot Ion: 56 Resp: 246212

Ion Ratio Lower Upper

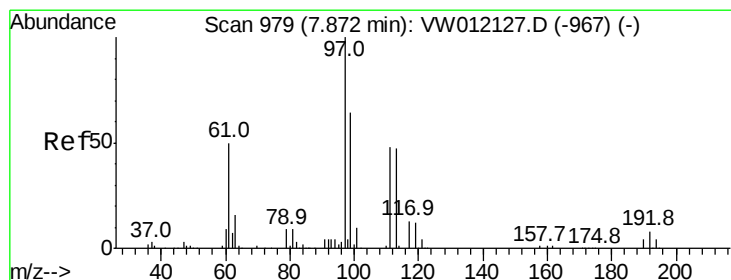
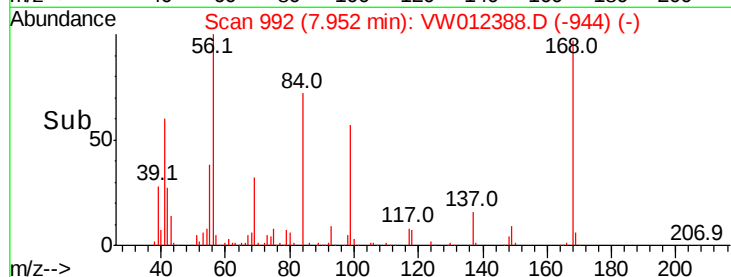
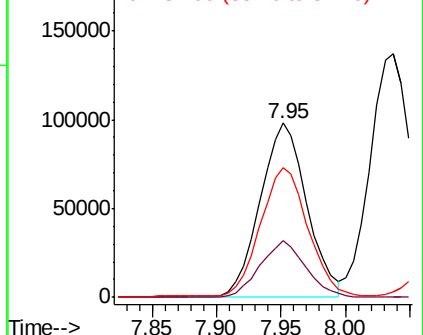
56 100

69 32.3 24.9 37.3

84 73.5 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 57.803 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

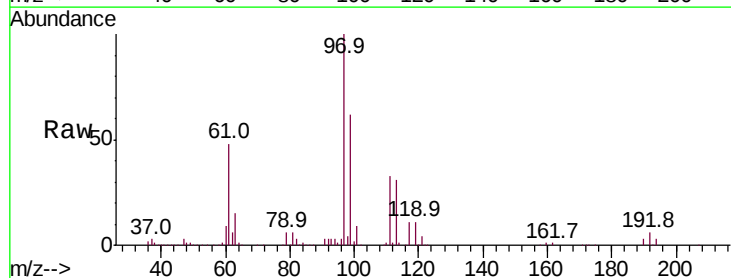
Tgt Ion: 97 Resp: 203628

Ion Ratio Lower Upper

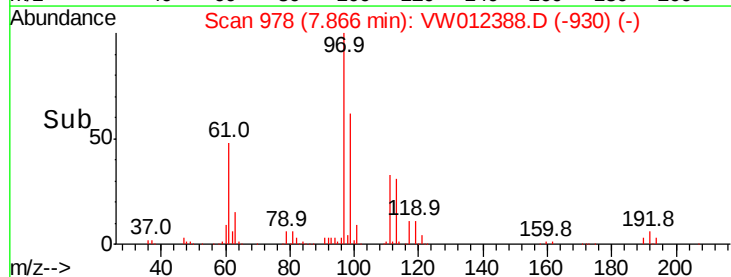
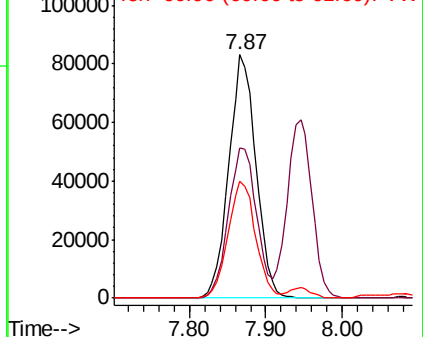
97 100

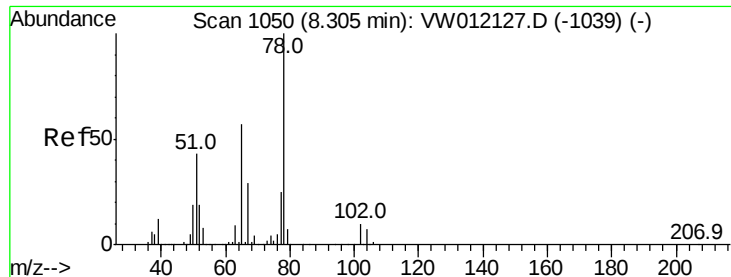
99 64.7 51.4 77.0

61 49.1 39.5 59.3



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





#33

1,2-Dichloroethane-d4

Concen: 48.965 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

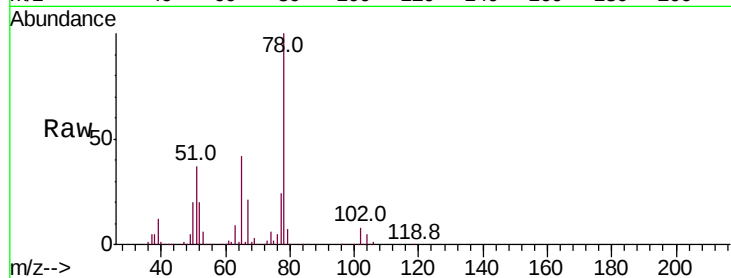
ClientSampleId :

Tot Ion: 65 Resp: 130911

Ion Ratio Lower Upper

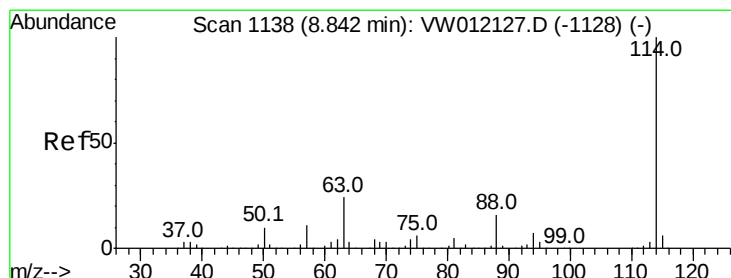
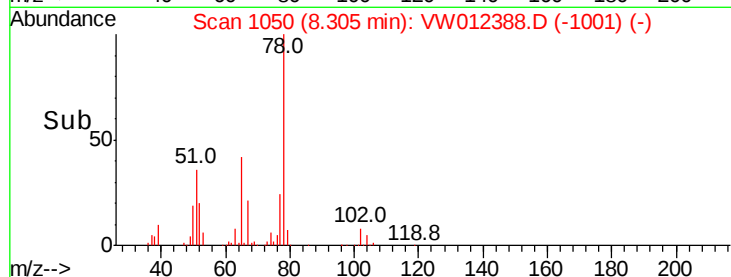
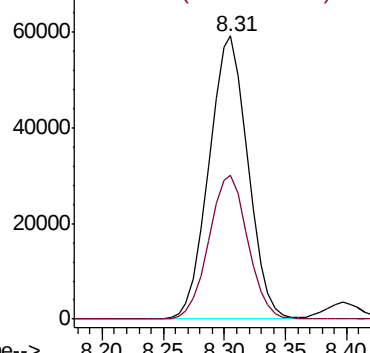
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

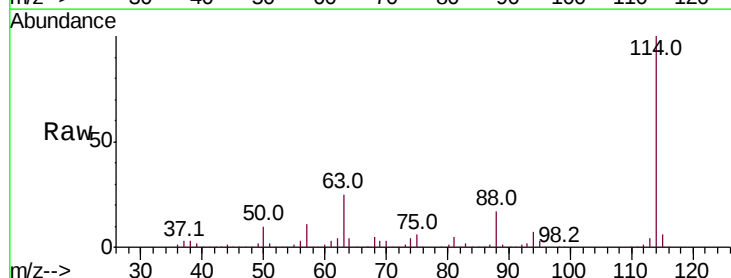
Tgt Ion: 114 Resp: 347177

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

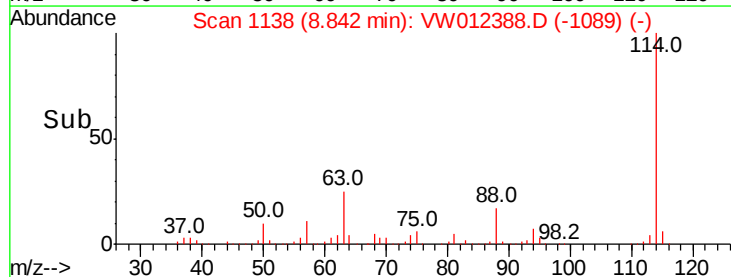
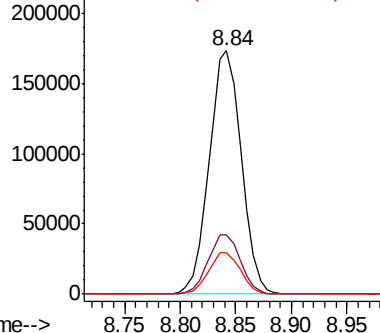
88 17.1 0.0 32.2

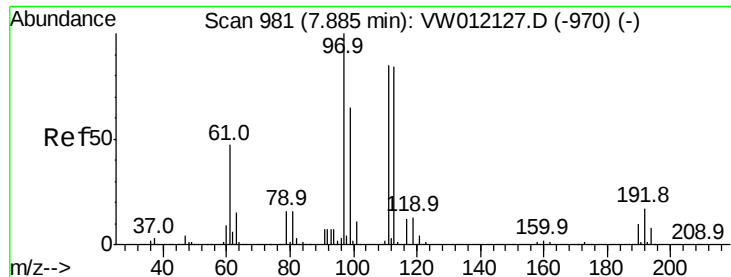


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

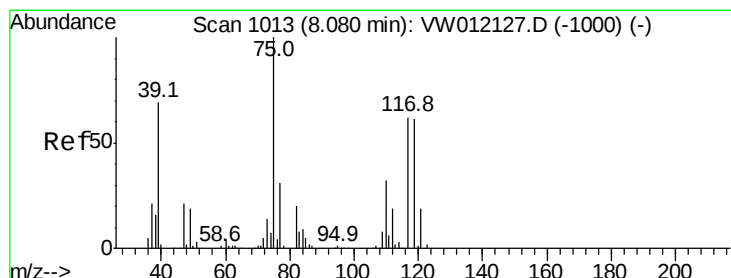
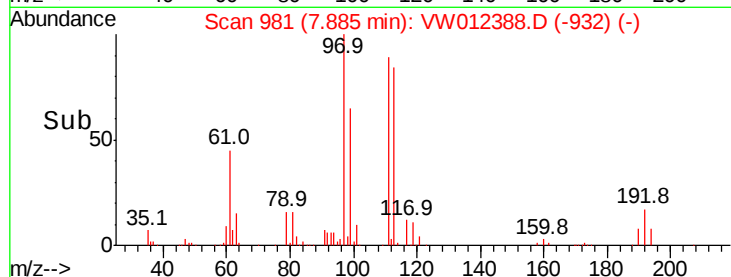
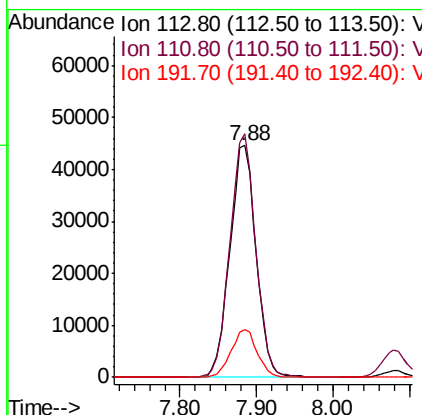
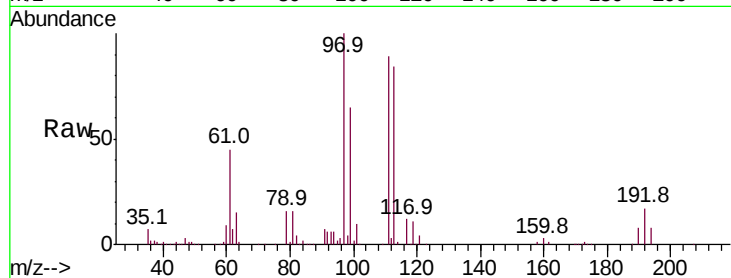




#35
 Dibromofluoromethane
 Concen: 50.995 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

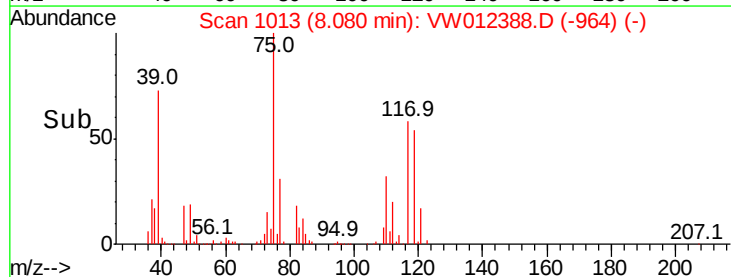
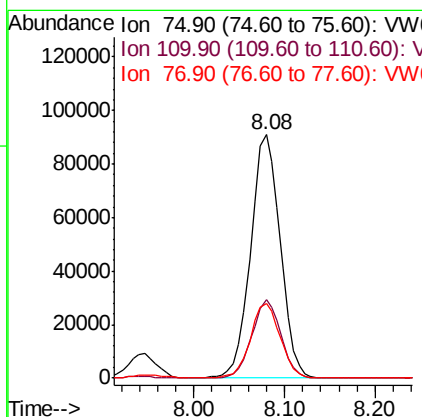
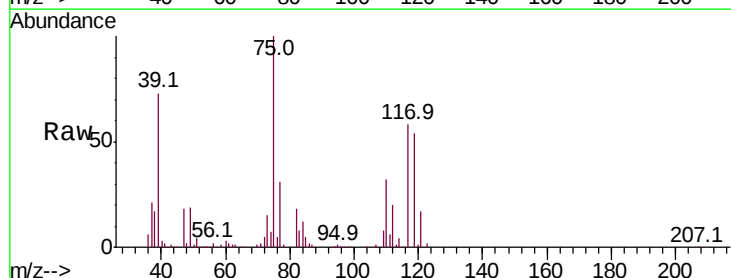
Instrument :
 MSVOA_W
 ClientSampleId :

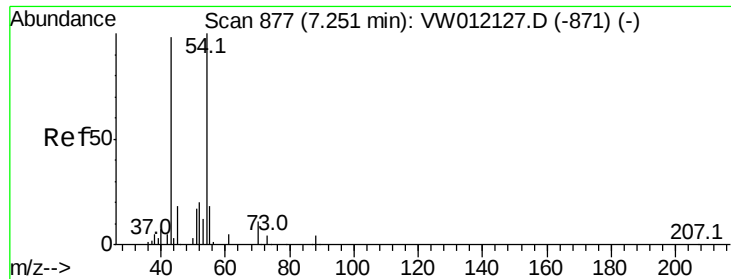
Tot Ion:113 Resp: 105677
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 57.217 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion: 75 Resp: 205276
 Ion Ratio Lower Upper
 75 100
 110 31.6 15.6 46.8
 77 31.0 24.6 36.8

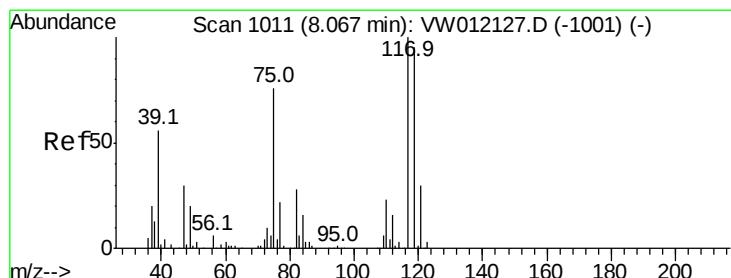
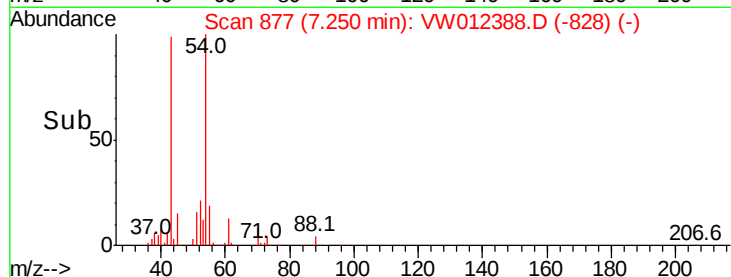
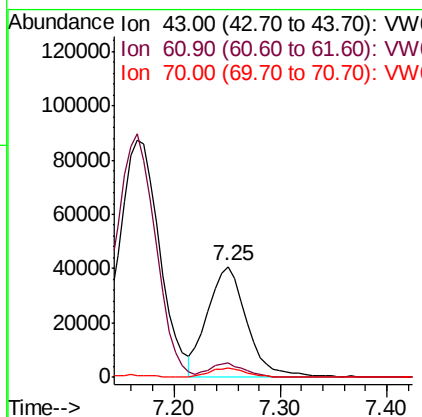
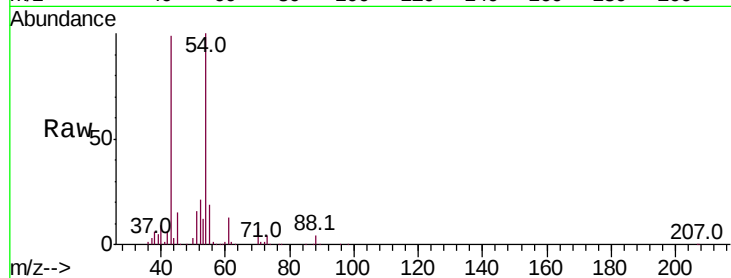




#37
Ethyl Acetate
Concen: 52.352 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

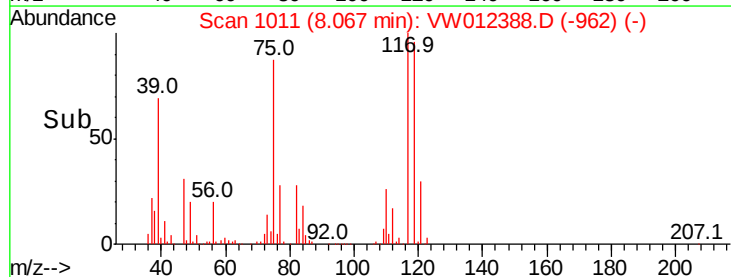
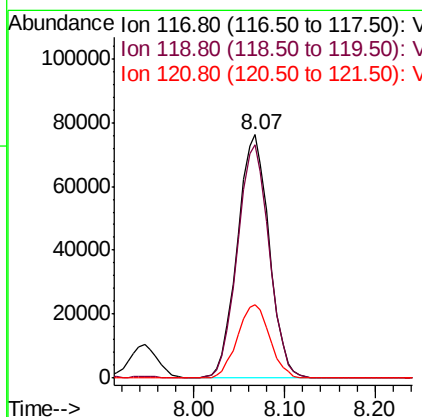
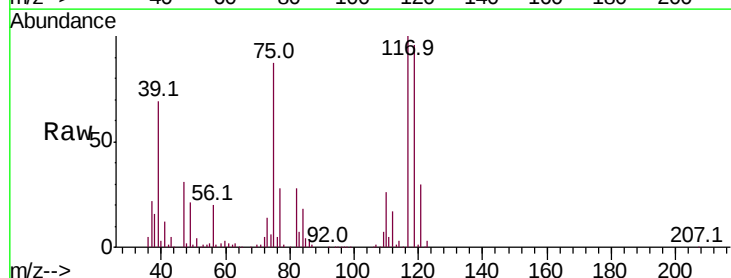
Instrument :
MSVOA_W
ClientSampled :

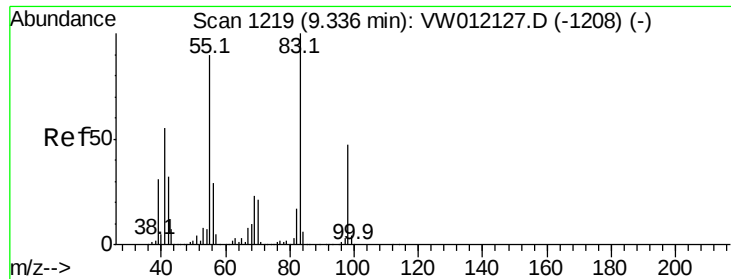
Tot Ion: 43 Resp: 102923
Ion Ratio Lower Upper
43 100
61 12.0 9.2 13.8
70 8.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 59.620 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 117 Resp: 185132
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 30.2 23.8 35.8

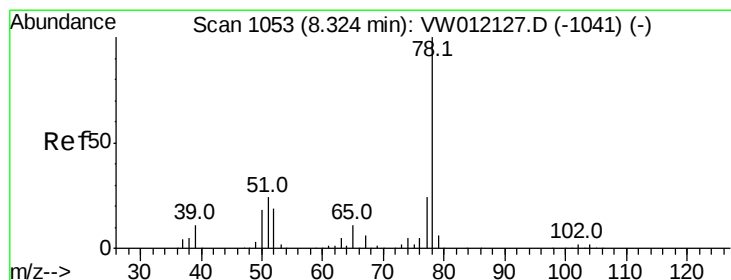
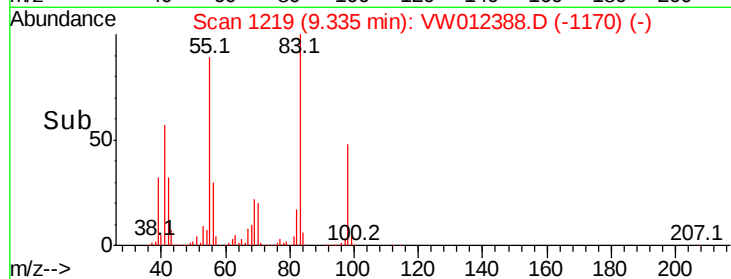
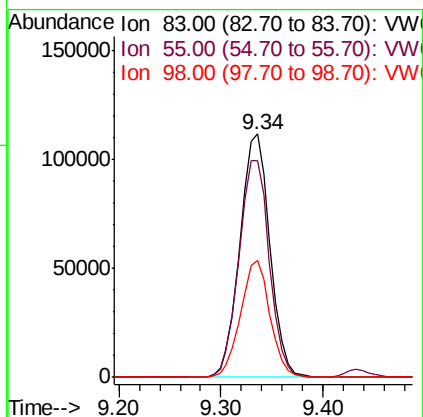
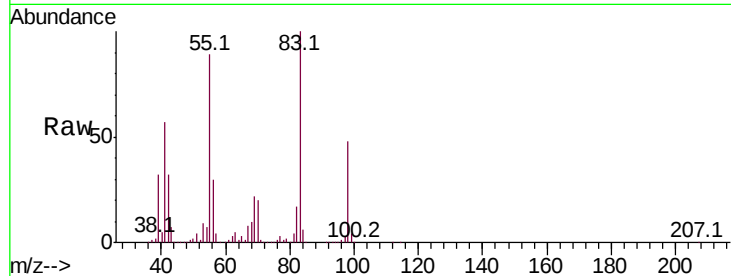




#39
Methvlcvclohexane
Concen: 56.436 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

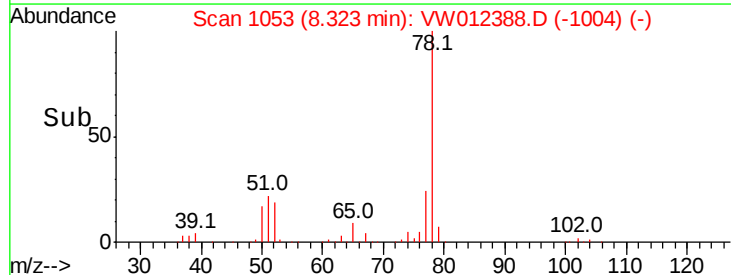
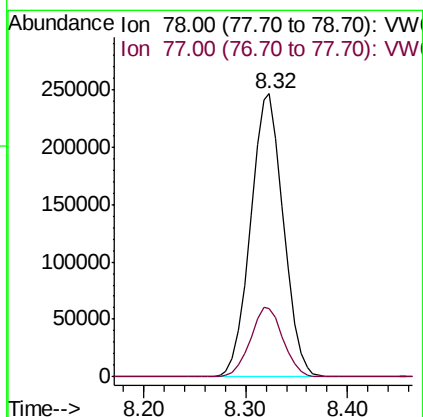
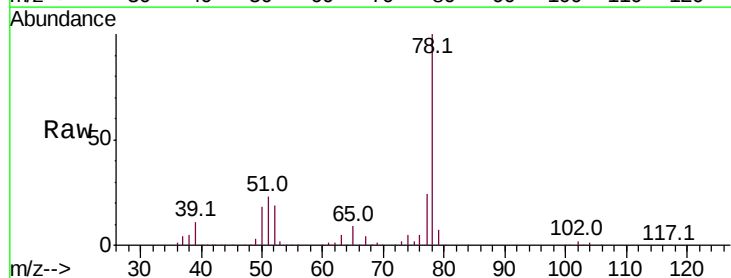
Instrument :
MSVOA_W
ClientSampled :

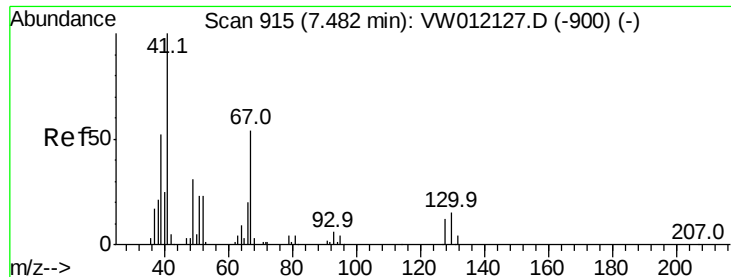
Tot Ion: 83 Resp: 227462
Ion Ratio Lower Upper
83 100
55 88.9 71.8 107.8
98 48.2 37.8 56.8



#40
Benzene
Concen: 56.189 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 78 Resp: 550450
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3





#41

Methacrylonitrile

Concen: 56.911 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 65760

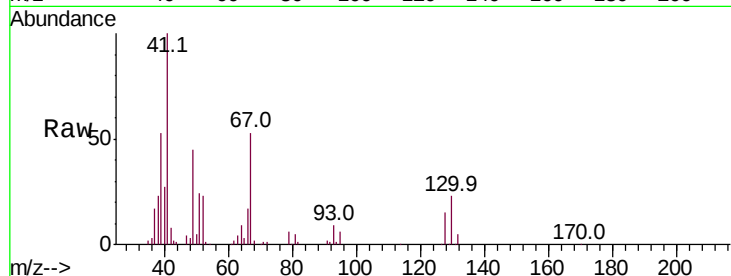
Ion Ratio Lower Upper

41 100

39 53.8 45.8 68.8

67 56.2 46.2 69.4

52 25.4 21.0 31.6

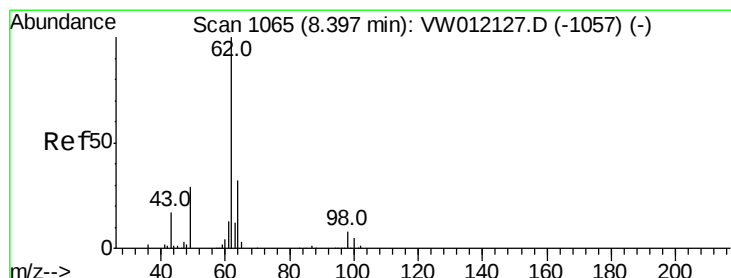
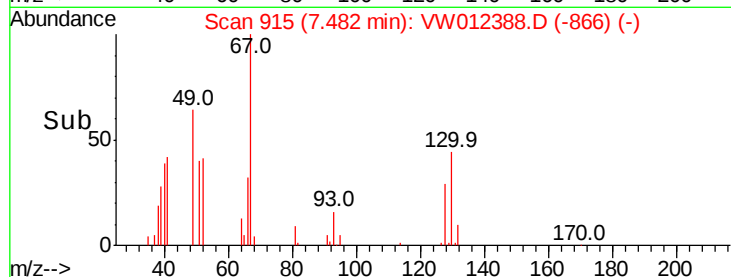
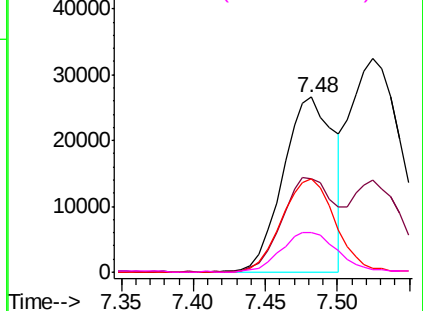


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 56.820 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012388.D

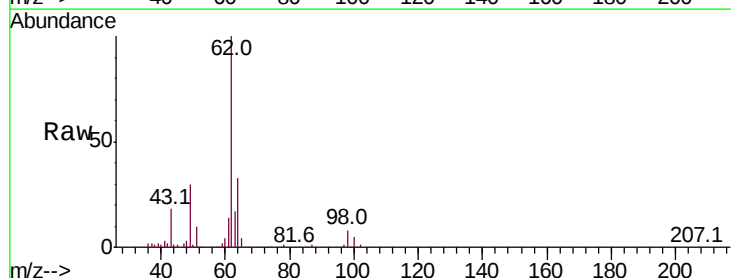
Acq: 31 Aug 2019 09:41

Tgt Ion: 62 Resp: 174454

Ion Ratio Lower Upper

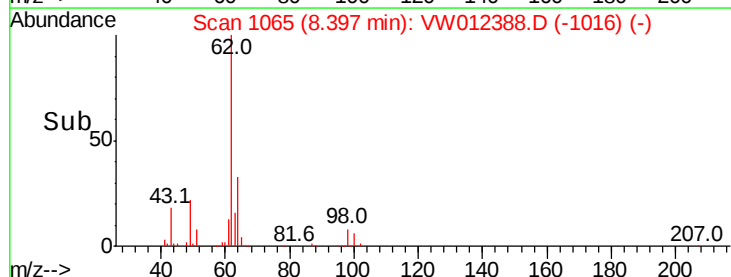
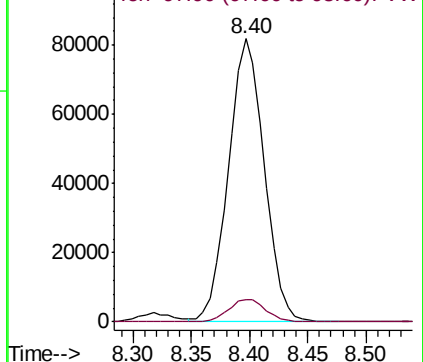
62 100

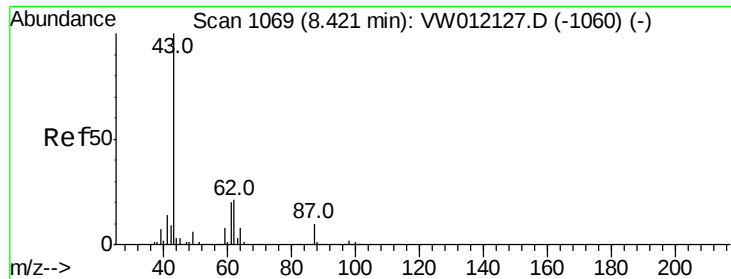
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.846 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

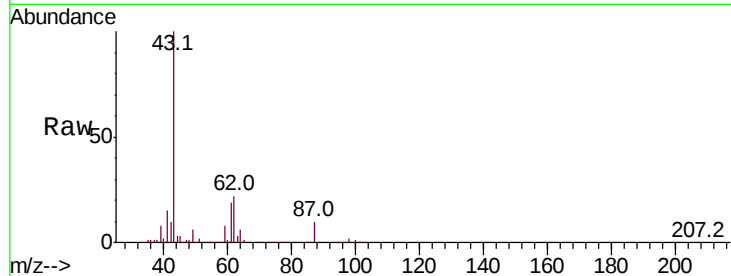
Tot Ion: 43 Resp: 196089

Ion Ratio Lower Upper

43 100

61 26.6 21.1 31.7

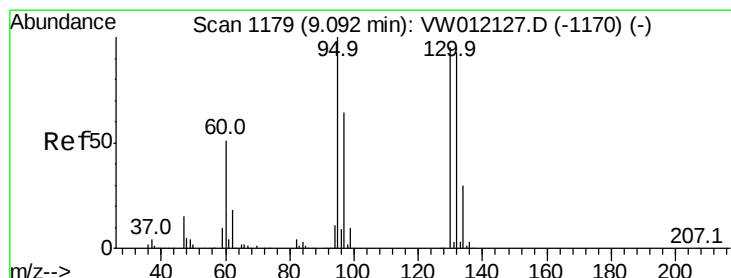
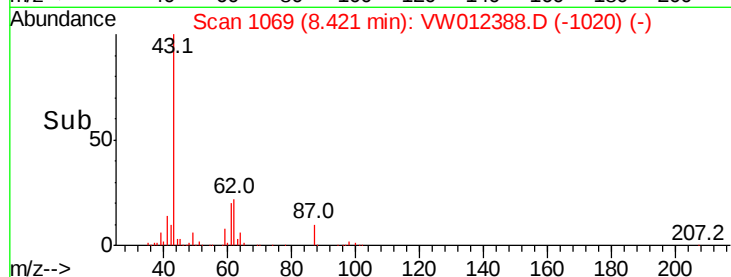
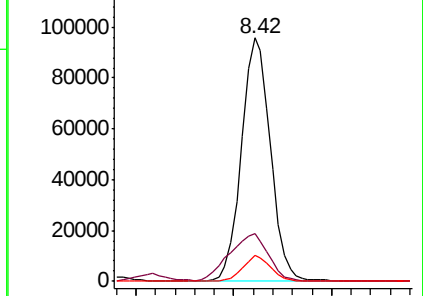
87 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 56.765 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012388.D

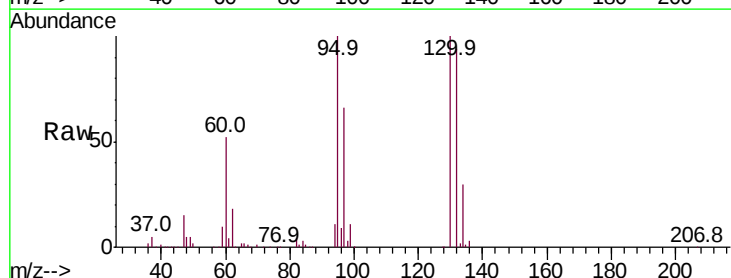
Acq: 31 Aug 2019 09:41

Tgt Ion: 130 Resp: 135183

Ion Ratio Lower Upper

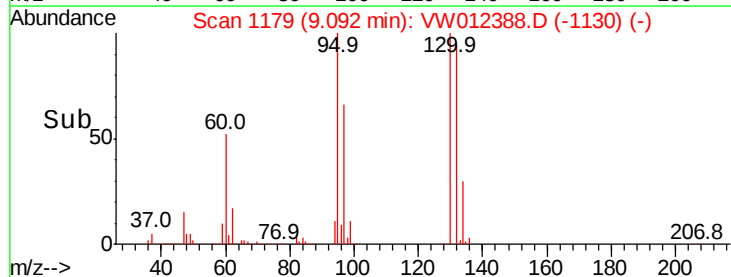
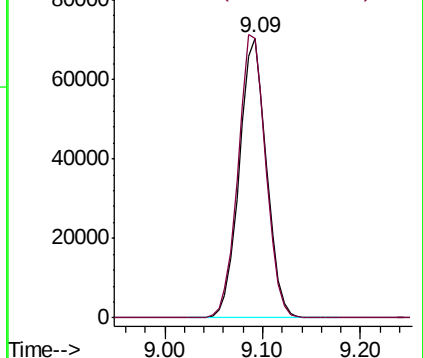
130 100

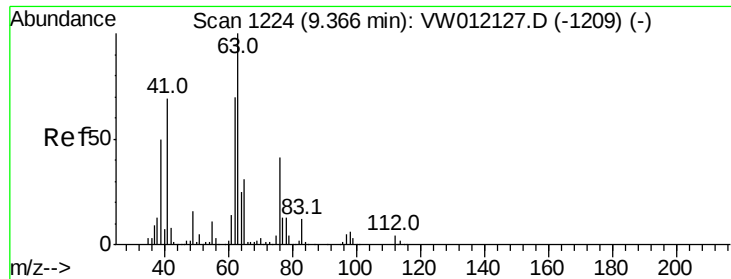
95 99.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 55.250 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

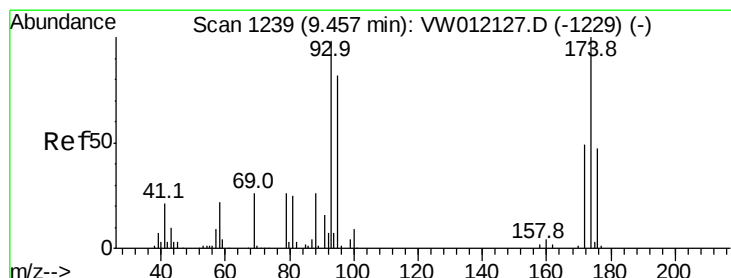
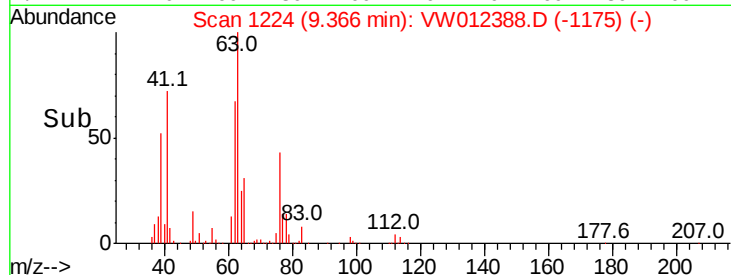
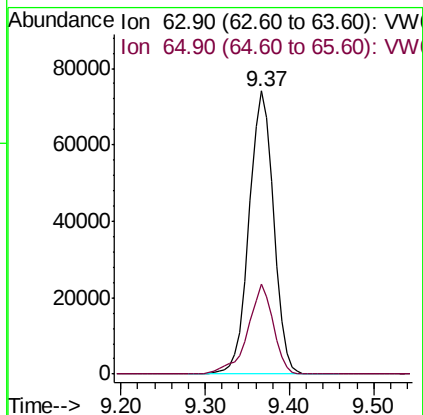
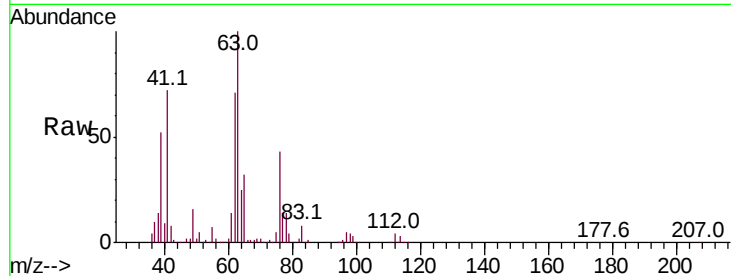
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 145666

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 56.059 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

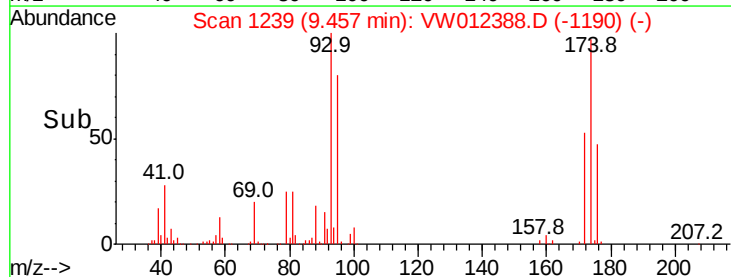
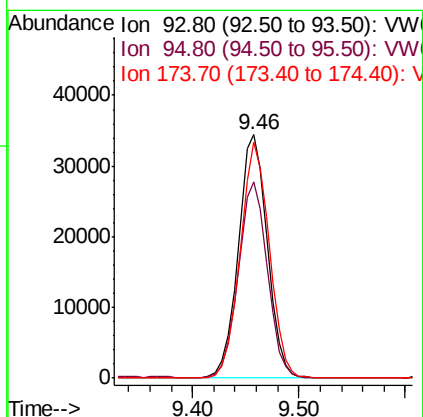
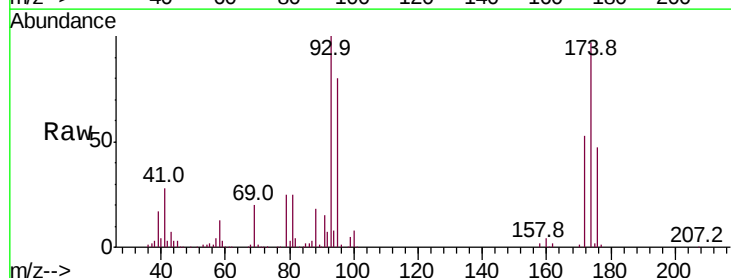
Tgt Ion: 93 Resp: 65760

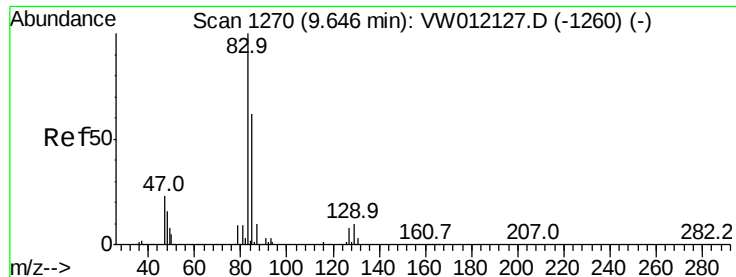
Ion Ratio Lower Upper

93 100

95 81.0 67.2 100.8

174 97.4 79.0 118.6





#47

Bromodichloromethane

Concen: 57.458 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

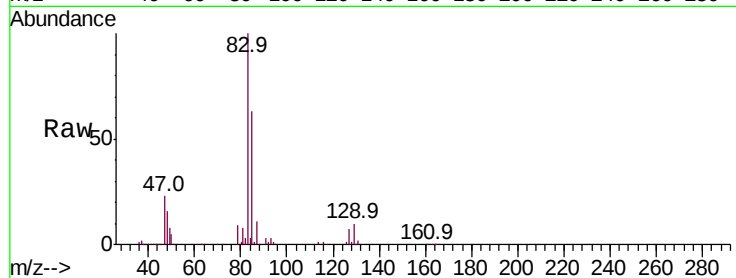
Tot Ion: 83 Resp: 179385

Ion Ratio Lower Upper

83 100

85 63.1 49.4 74.2

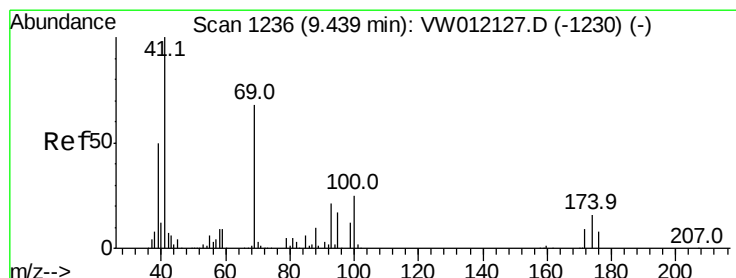
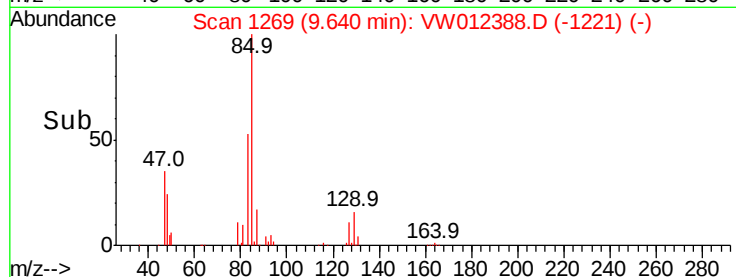
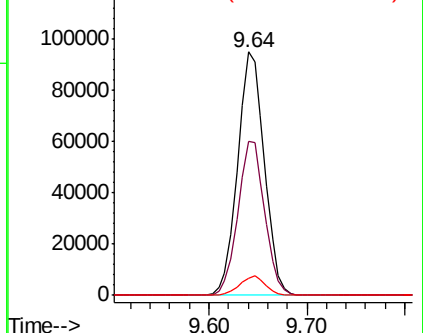
127 6.9 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.004 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

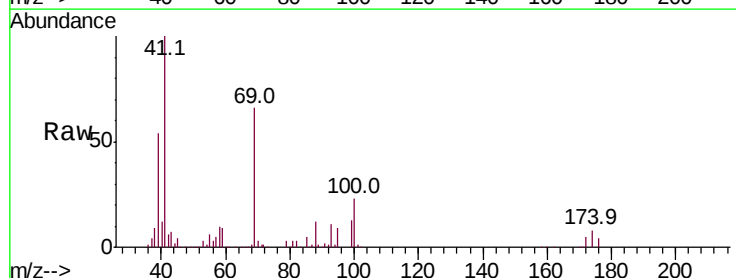
Tgt Ion: 41 Resp: 95334

Ion Ratio Lower Upper

41 100

69 71.1 56.7 85.1

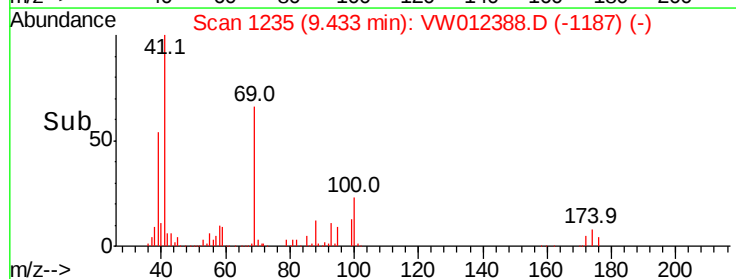
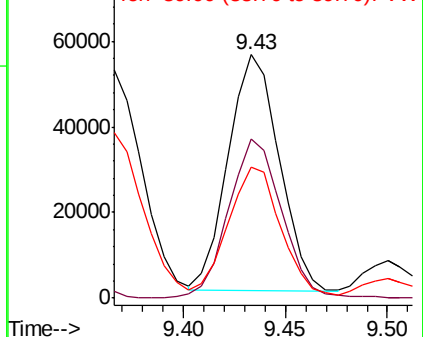
39 55.7 42.0 63.0

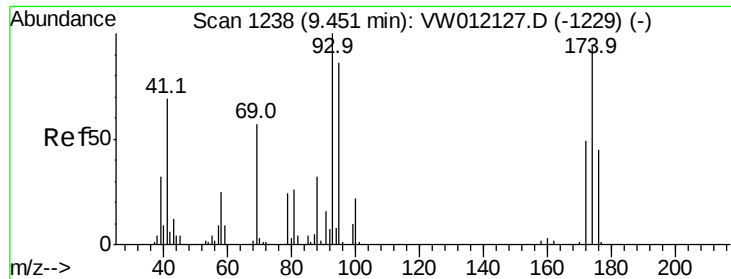


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

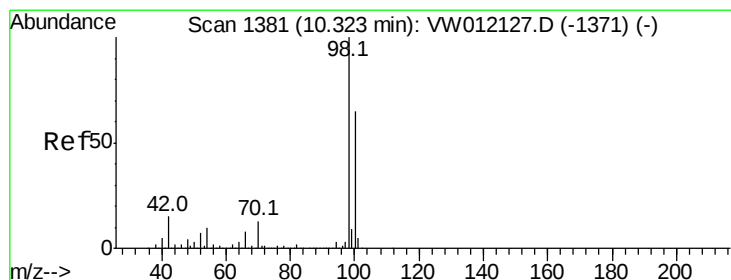
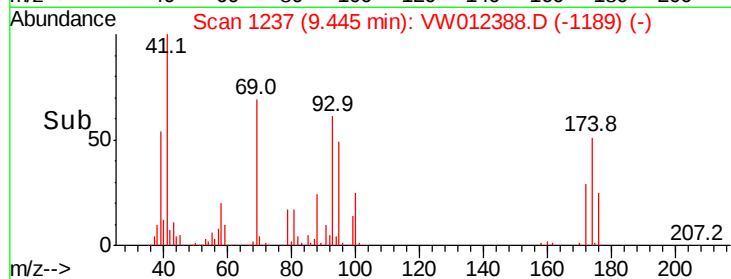
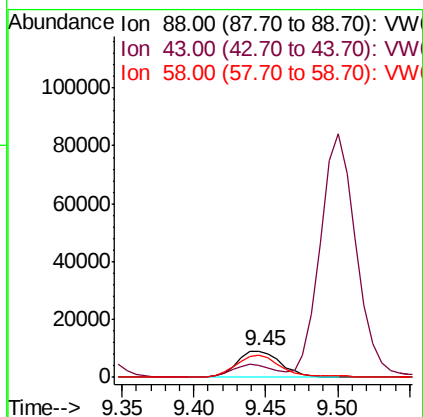
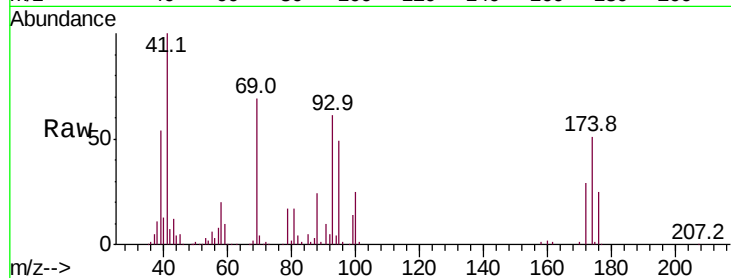




#49
1,4-Dioxane
Concen: 1073.605 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

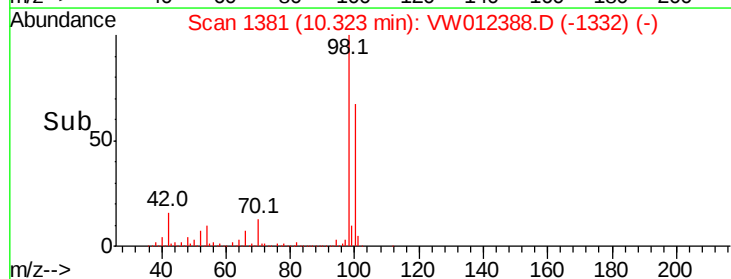
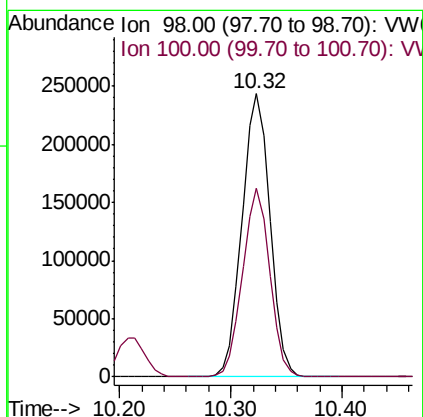
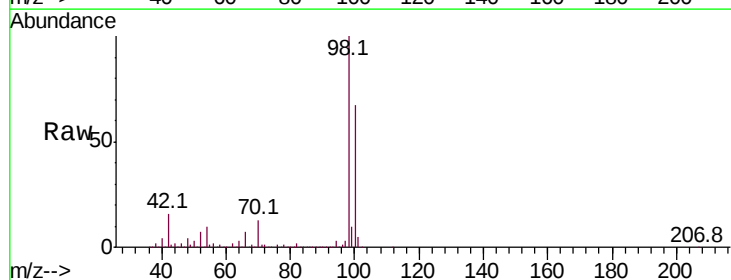
Instrument :
MSVOA_W
ClientSampleId :

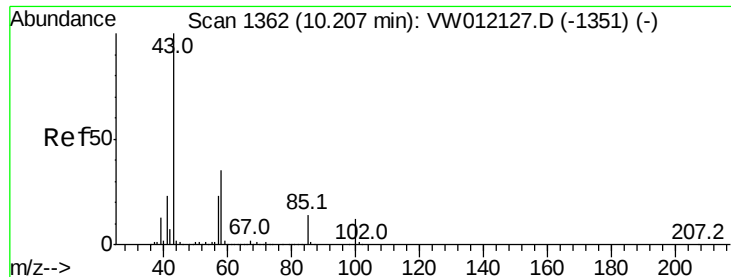
Tot Ion: 88 Resp: 19280
Ion Ratio Lower Upper
88 100
43 46.0 32.9 49.3
58 83.8 71.0 106.4



#50
Toluene-d8
Concen: 50.579 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 98 Resp: 424997
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 274.635 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

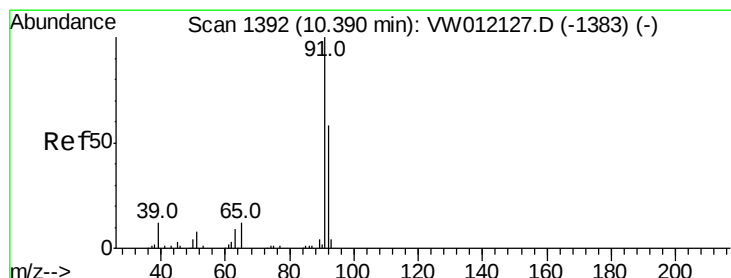
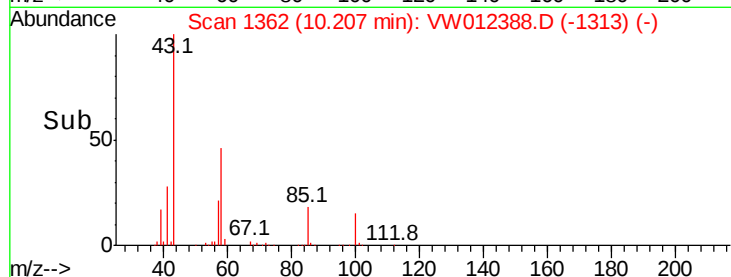
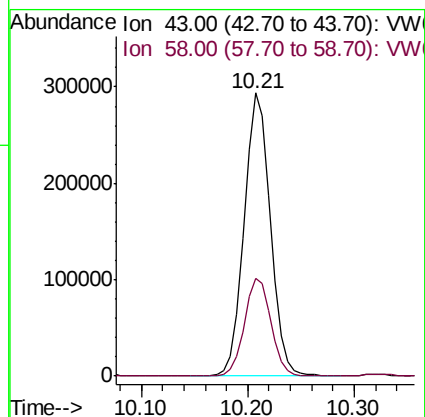
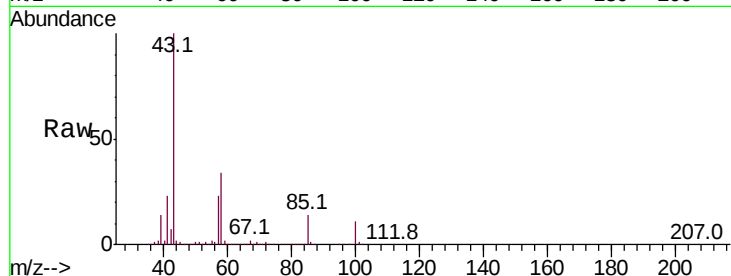
ClientSampled :

Tot Ion: 43 Resp: 508691

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.2



#52

Toluene

Concen: 56.918 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012388.D

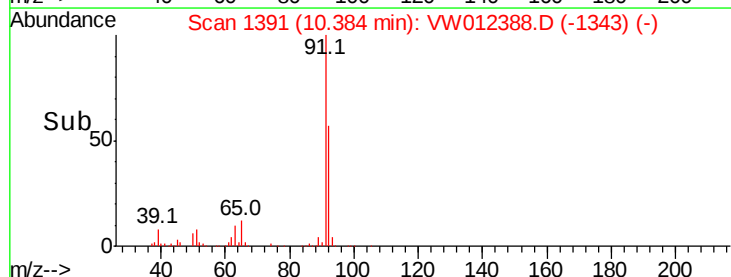
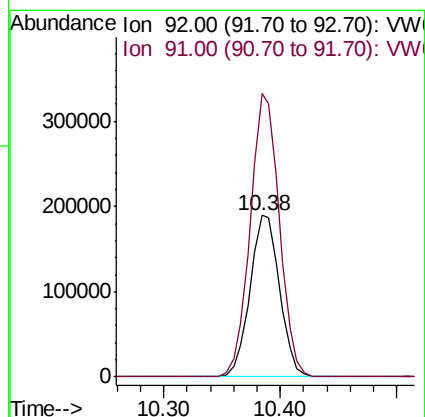
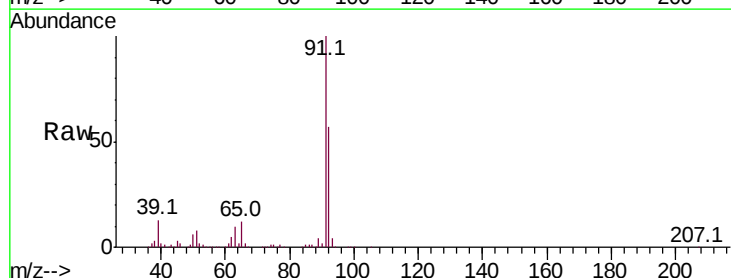
Acq: 31 Aug 2019 09:41

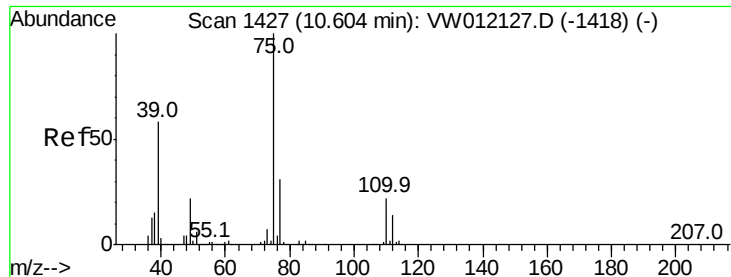
Tgt Ion: 92 Resp: 334970

Ion Ratio Lower Upper

92 100

91 173.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 57.847 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

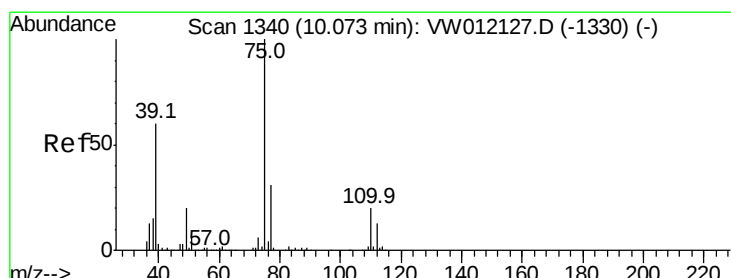
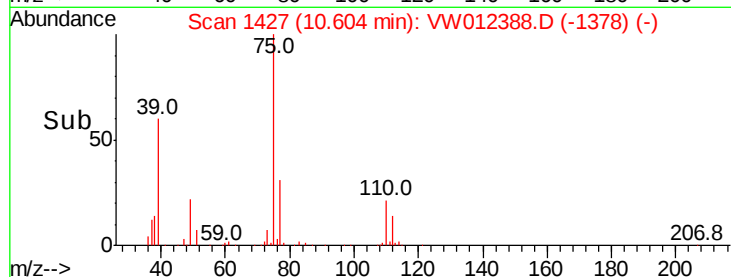
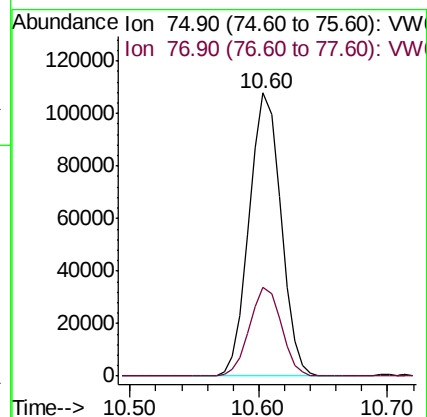
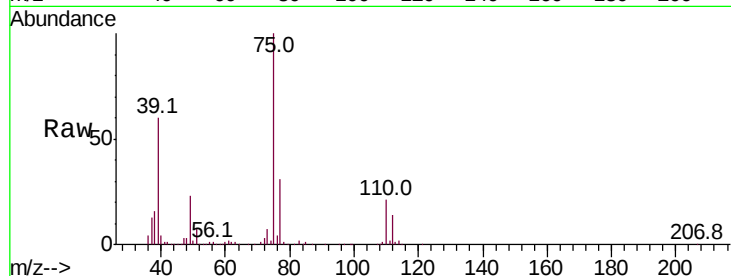
ClientSampleId :

Tot Ion: 75 Resp: 183963

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 56.509 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

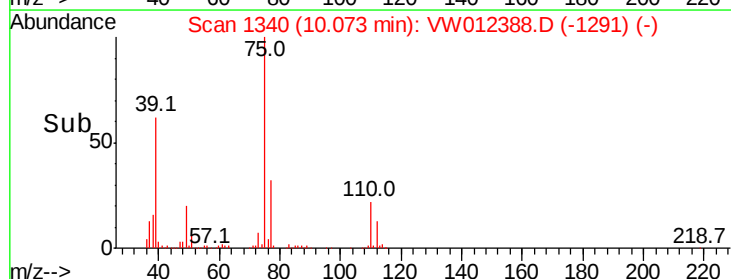
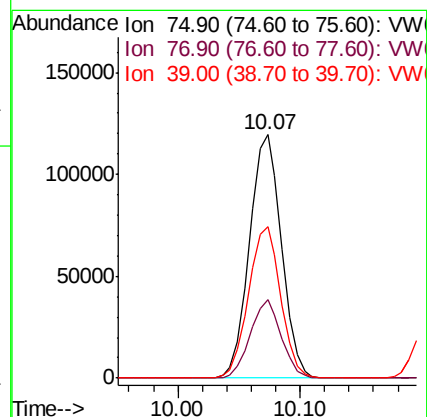
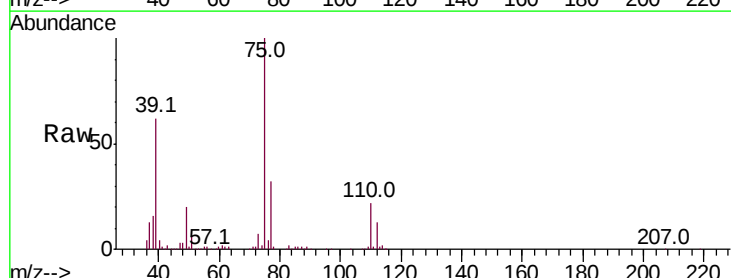
Tgt Ion: 75 Resp: 216986

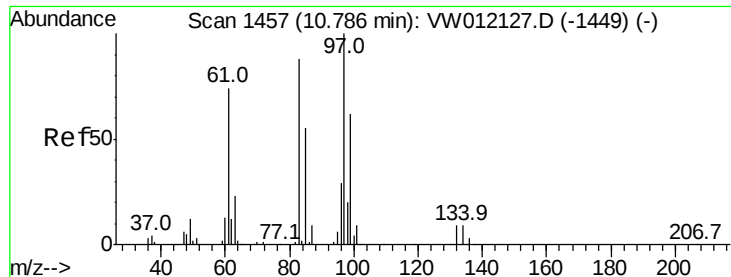
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 62.3 48.3 72.5

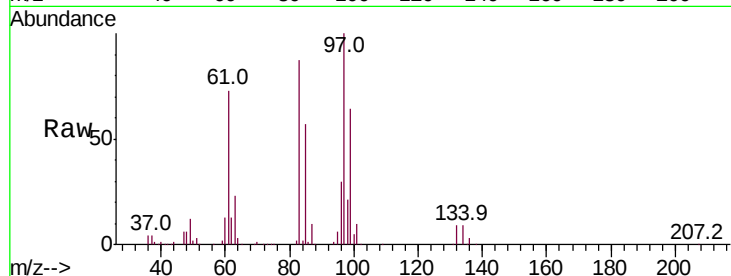




#55
 1,1,2-Trichloroethane
 Concen: 55.415 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
97	100		
83	87.0	70.8	106.2
85	56.7	43.8	65.8
99	64.3	49.8	74.6



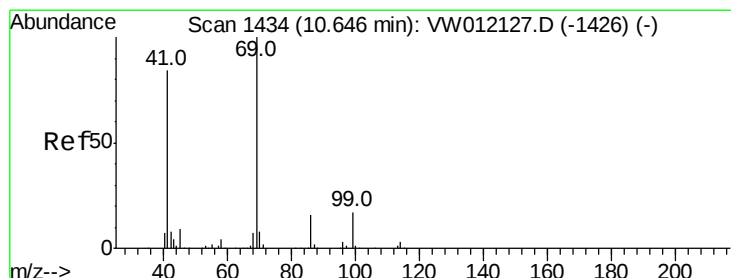
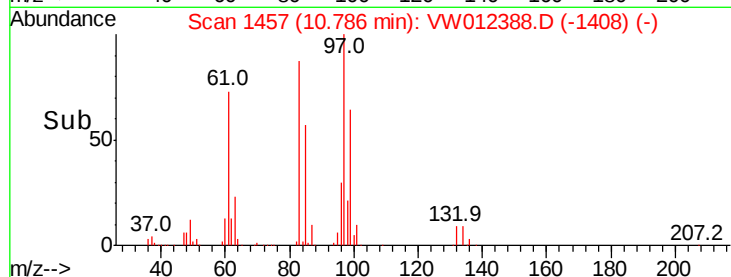
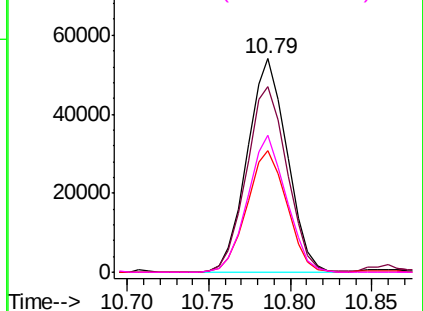
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

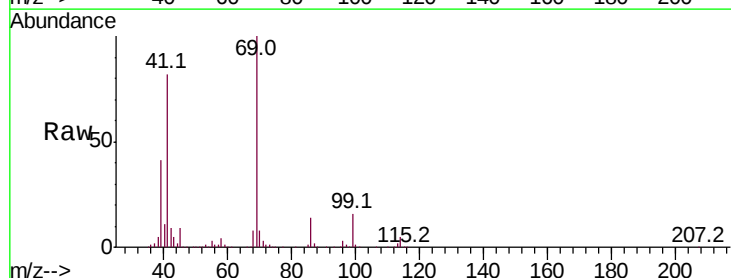
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 55.653 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion	Resp	Lower	Upper
69	100		
41	83.6	66.5	99.7
39	38.3	31.0	46.4

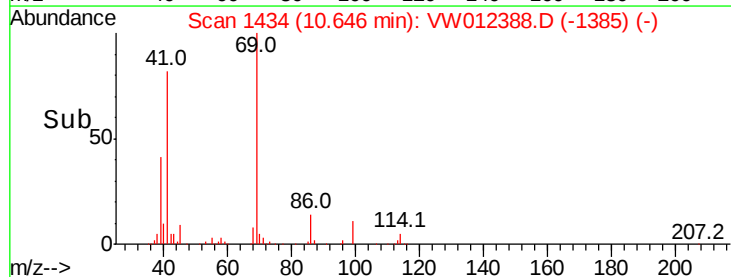
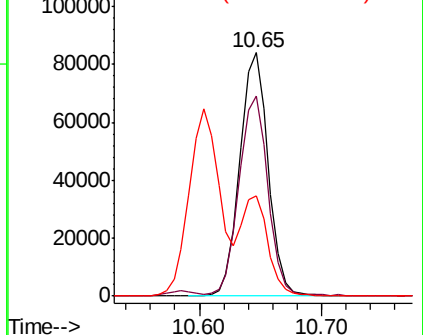


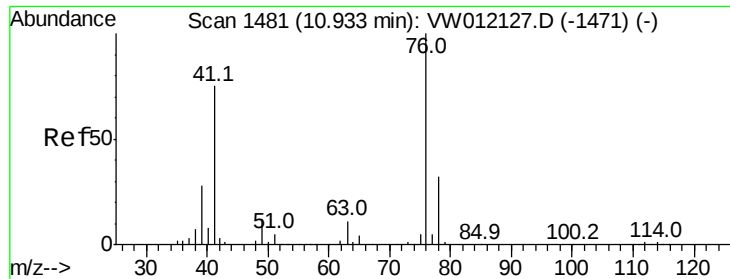
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 56.061 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

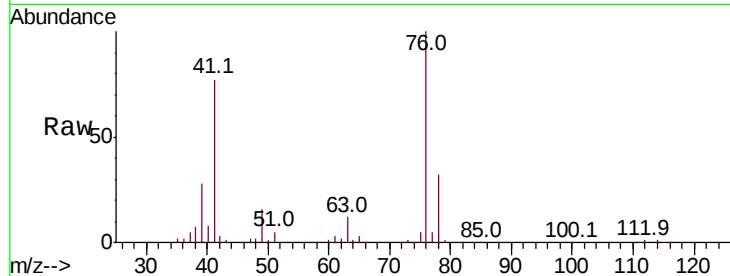
ClientSampled :

Tot Ion: 76 Resp: 175833

Ion Ratio Lower Upper

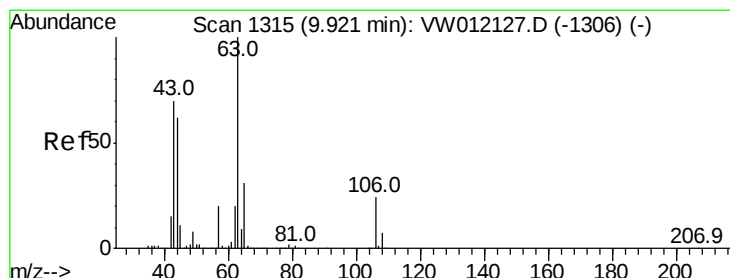
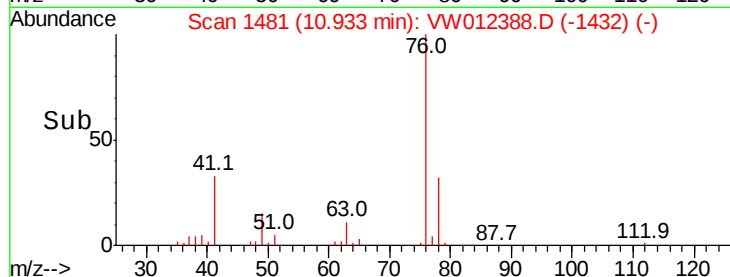
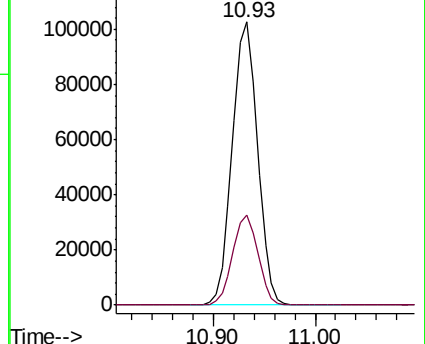
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 275.746 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012388.D

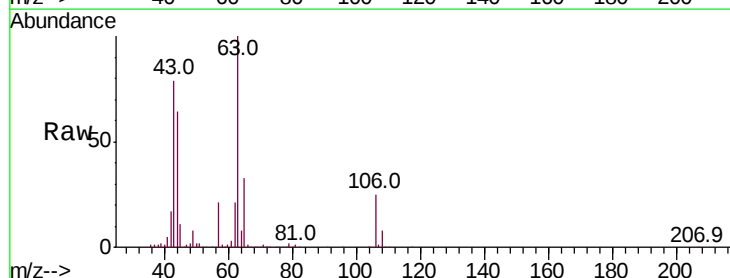
Acq: 31 Aug 2019 09:41

Tgt Ion: 63 Resp: 341851

Ion Ratio Lower Upper

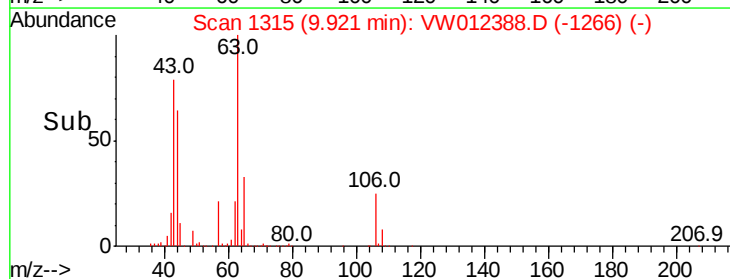
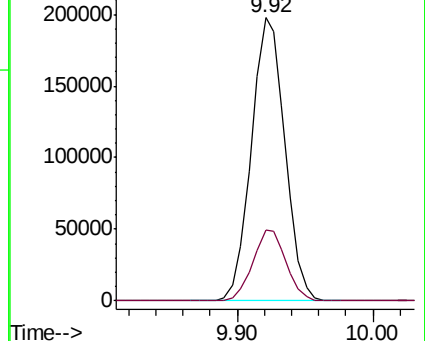
63 100

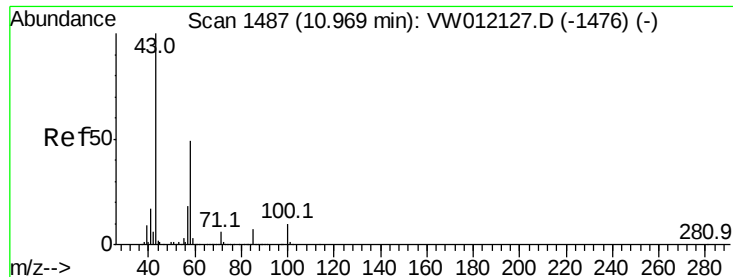
106 24.8 19.8 29.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

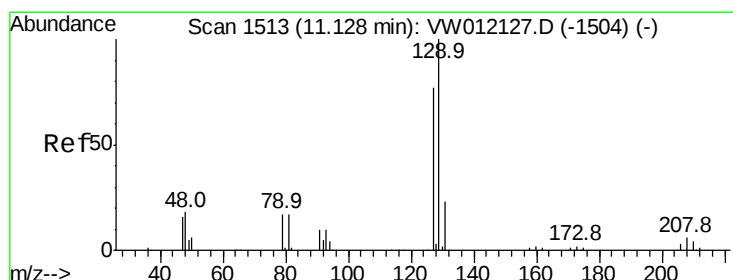
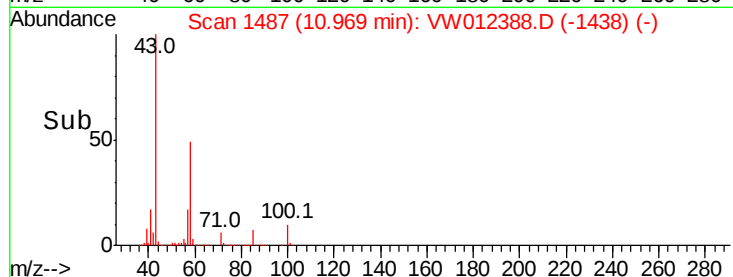
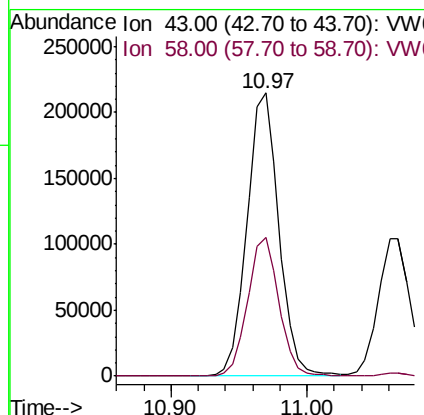
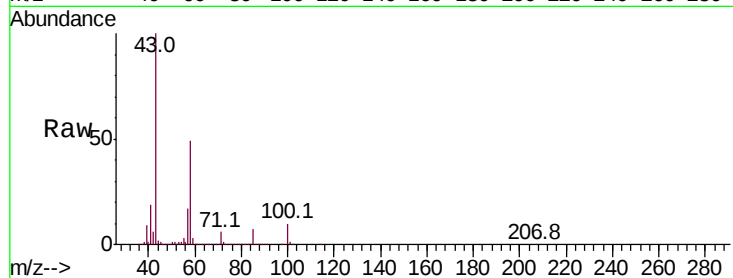




#59
2-Hexanone
Concen: 268.760 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

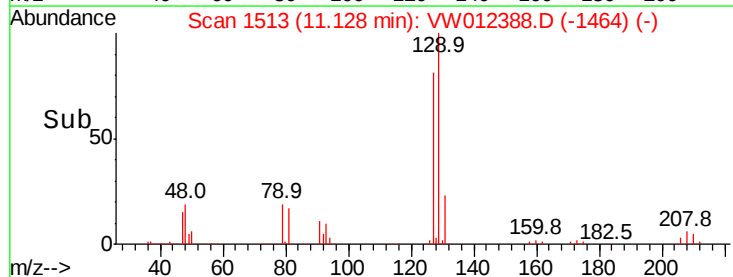
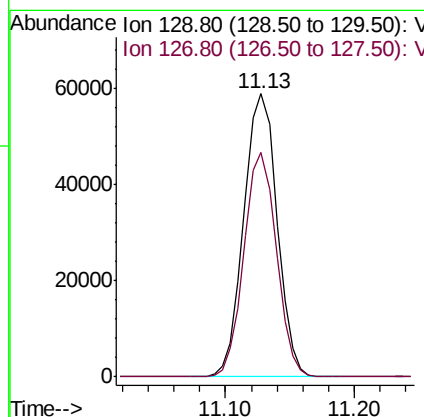
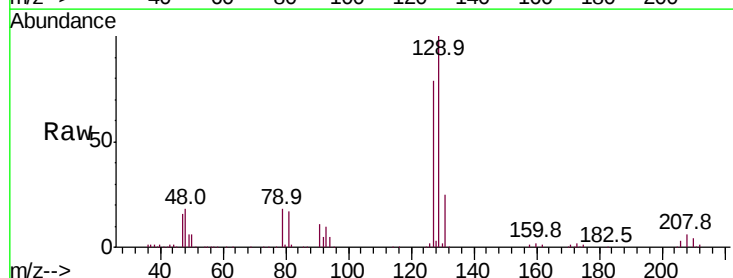
Instrument :
MSVOA_W
ClientSampled :

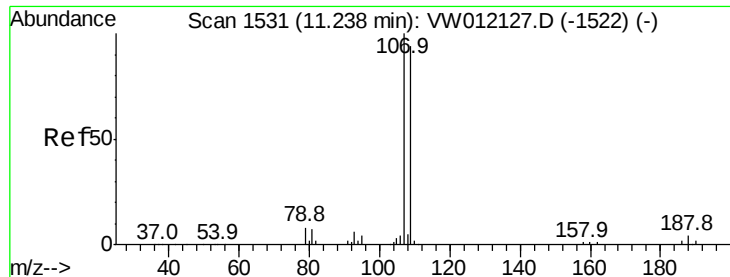
Tot Ion: 43 Resp: 352233
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9



#60
Dibromochloromethane
Concen: 56.994 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 129 Resp: 105362
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

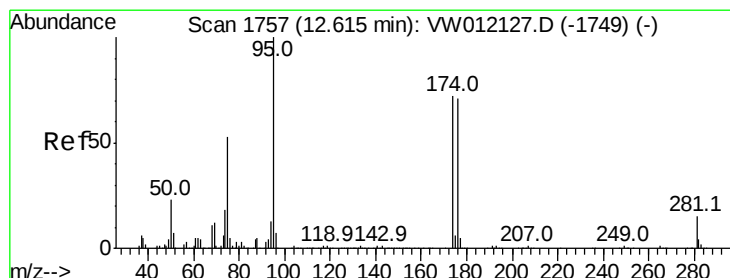
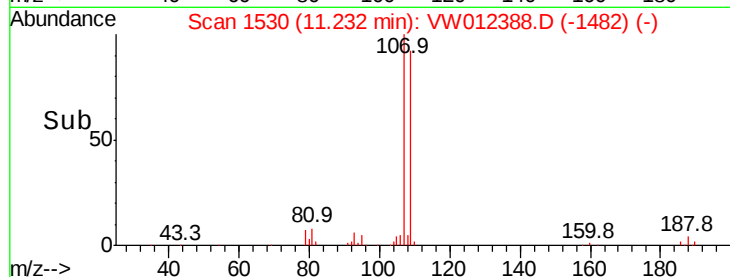
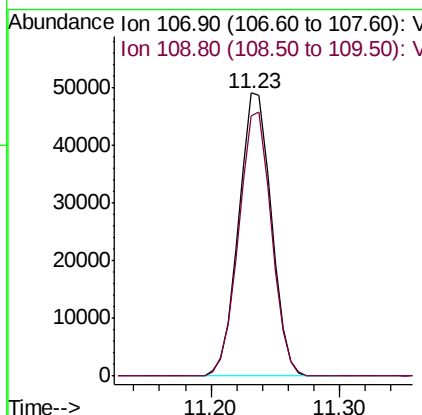
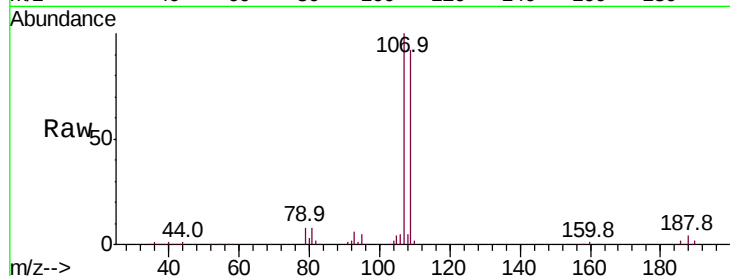




#61
 1,2-Dibromoethane
 Concen: 55.916 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

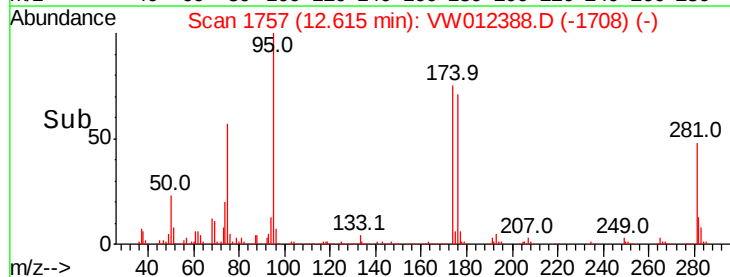
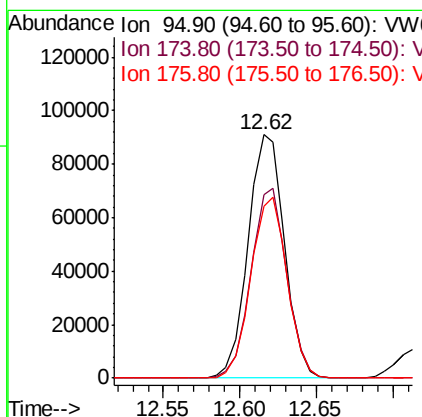
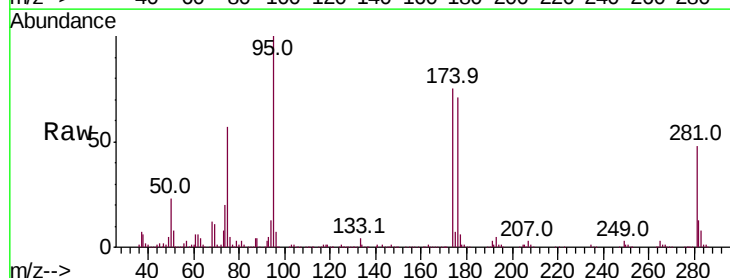
Instrument :
 MSVOA_W
 ClientSampleId :

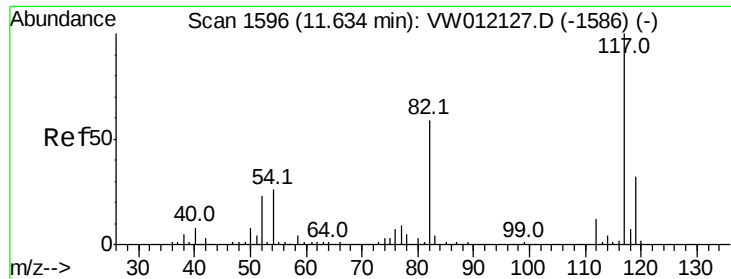
Tot Ion:107 Resp: 86459
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.834 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion: 95 Resp: 150565
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 150.8
 176 74.2 0.0 148.6

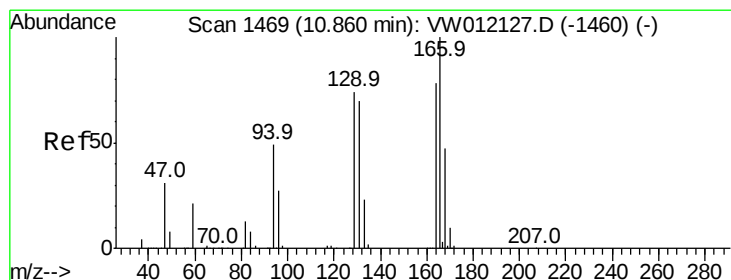
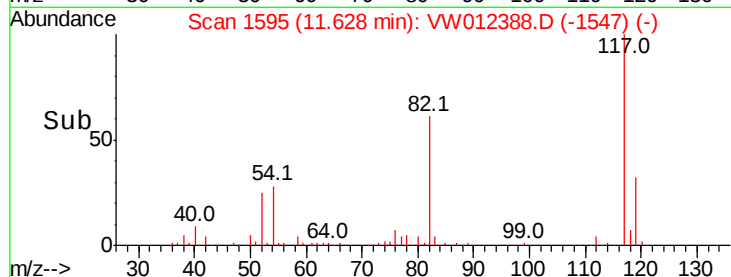
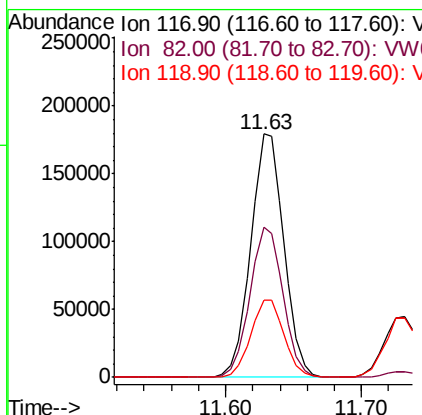
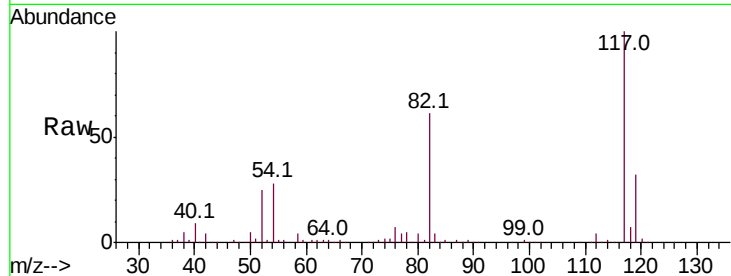




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

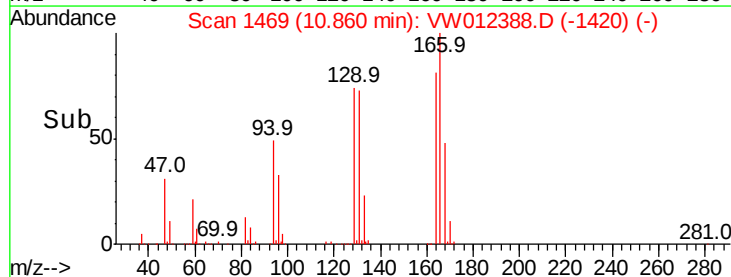
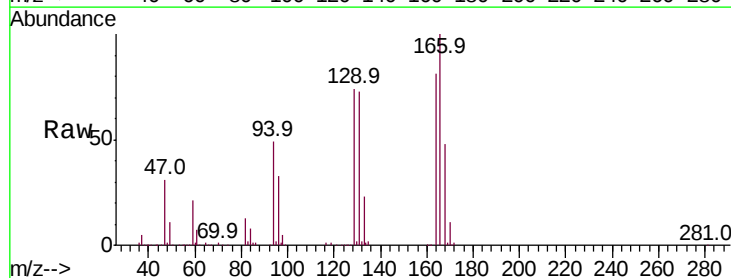
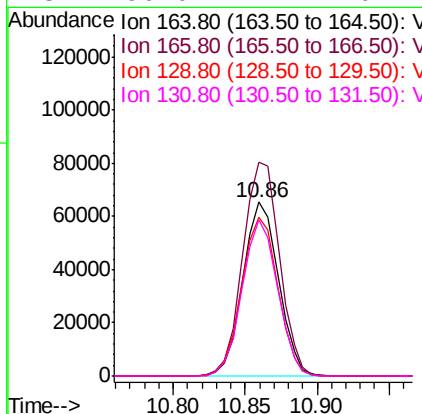
Instrument :
MSVOA_W
ClientSampled :

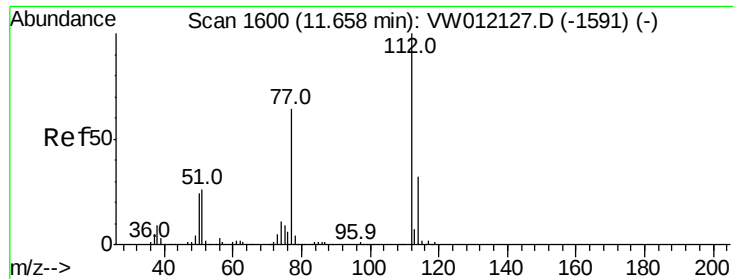
Tot Ion:117 Resp: 306201
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 56.434 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion:164 Resp: 112032
Ion Ratio Lower Upper
164 100
166 123.1 102.4 153.6
129 91.6 75.8 113.6
131 90.0 71.4 107.2

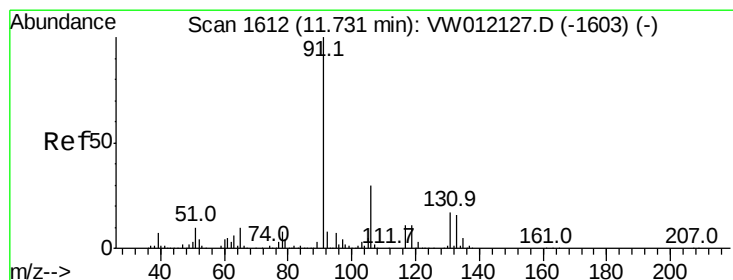
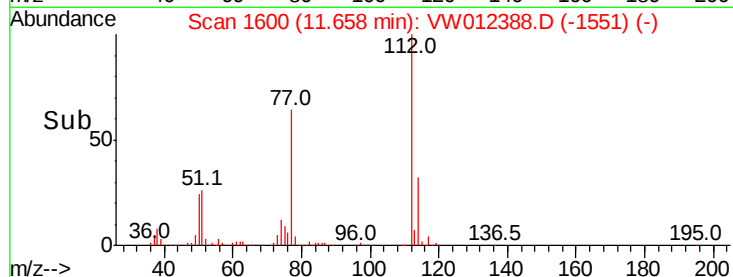
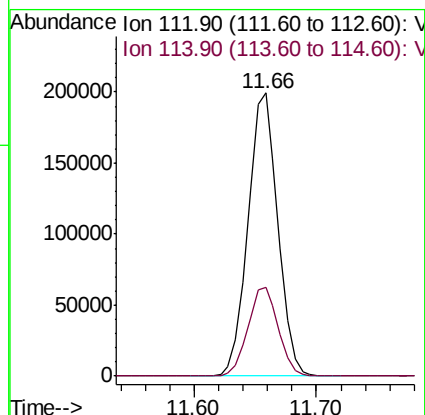
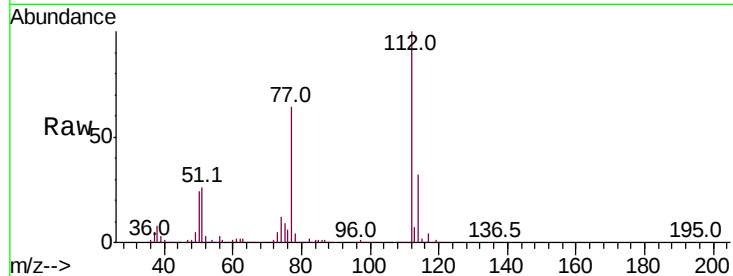




#65
Chlorobenzene
Concen: 55.846 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

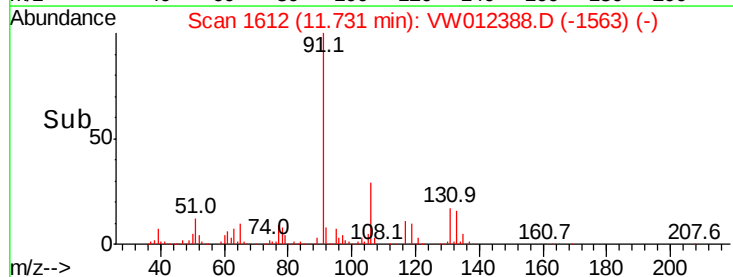
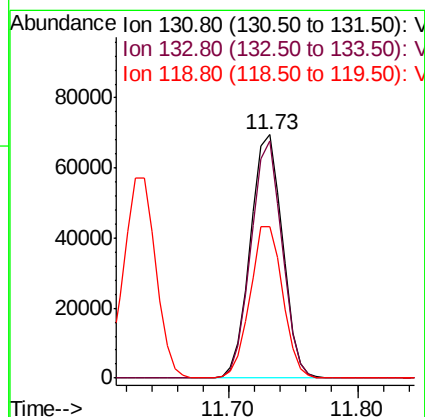
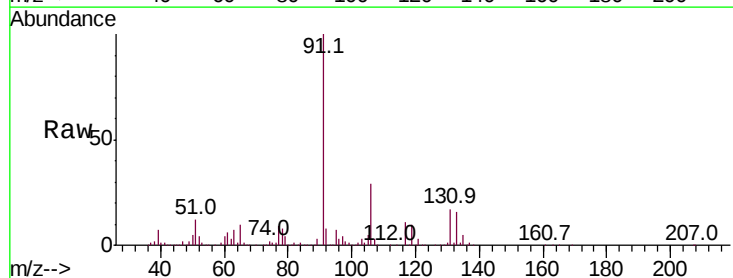
Instrument :
MSVOA_W
ClientSampleId :

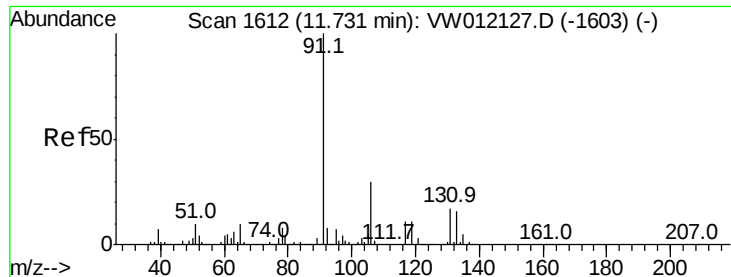
Tot Ion:112 Resp: 336715
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.816 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion:131 Resp: 119506
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 63.2 31.8 95.3

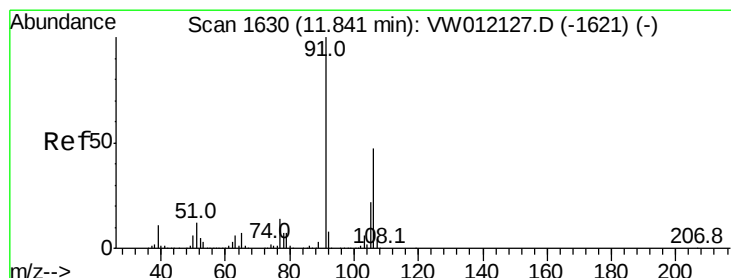
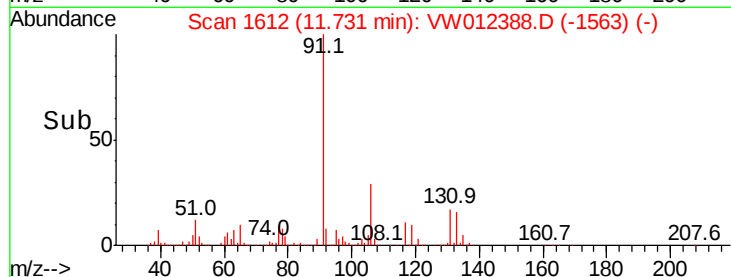
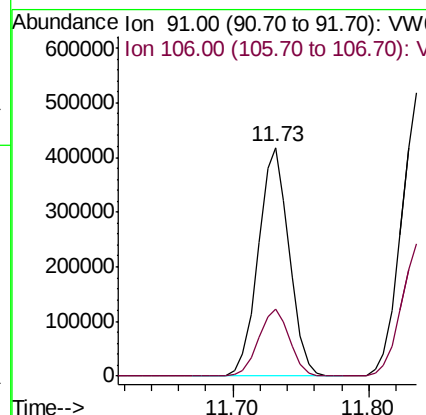
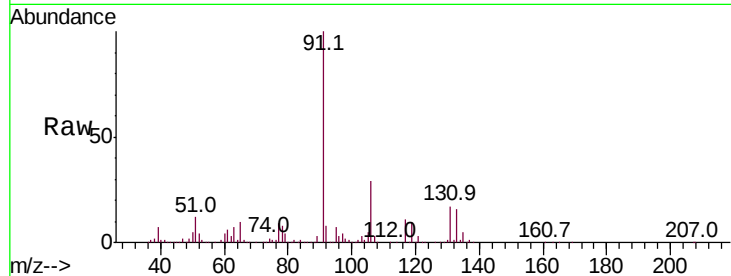




#67
Ethyl Benzene
Concen: 57.108 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

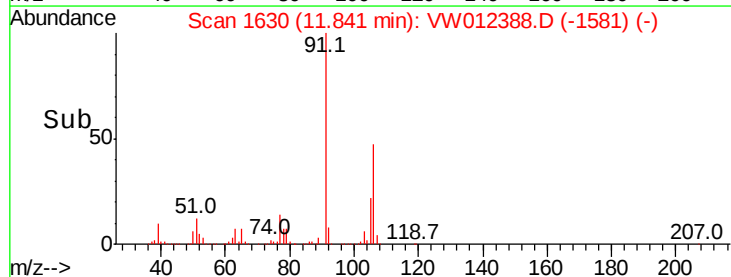
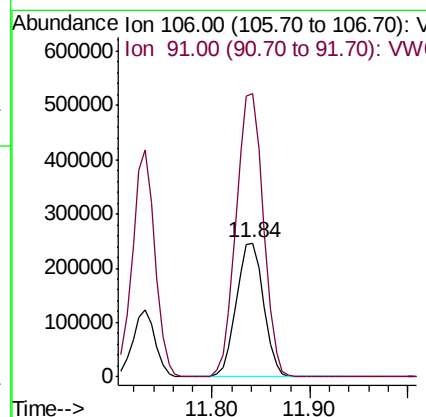
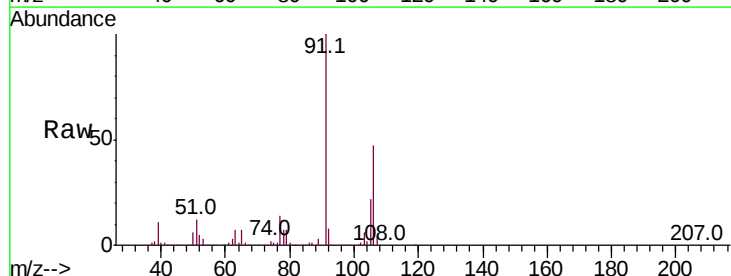
Instrument :
MSVOA_W
ClientSampled :

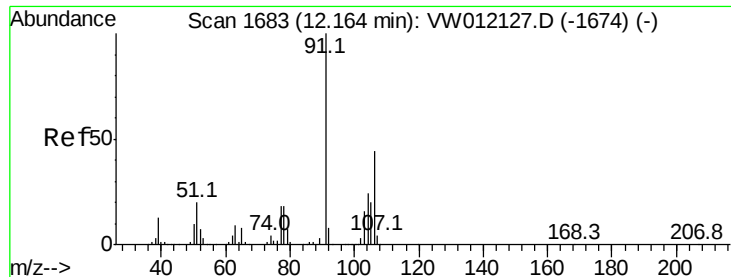
Tot Ion: 91 Resp: 663280
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 114.066 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion:106 Resp: 477216
Ion Ratio Lower Upper
106 100
91 211.4 169.5 254.3

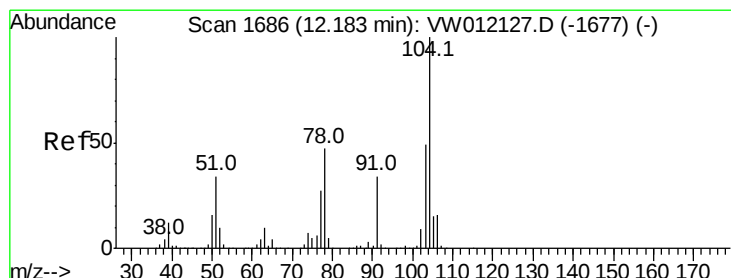
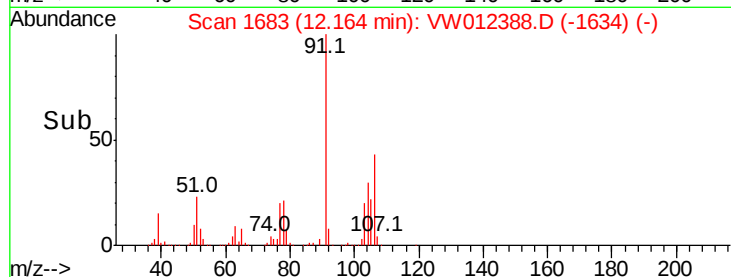
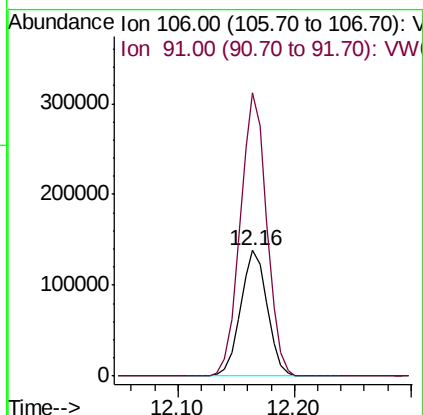
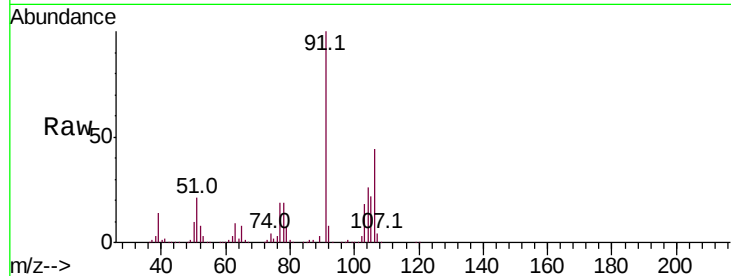




#69
o-Xylene
Concen: 56.874 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

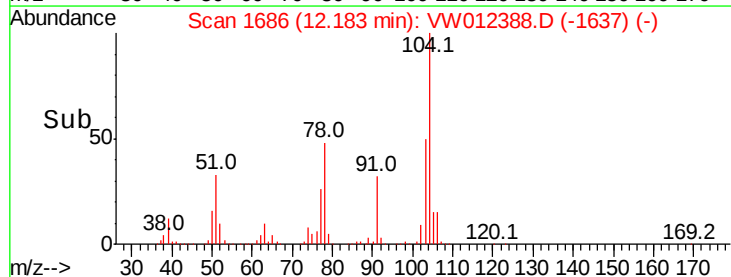
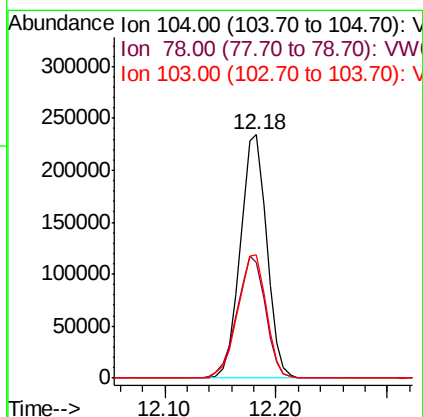
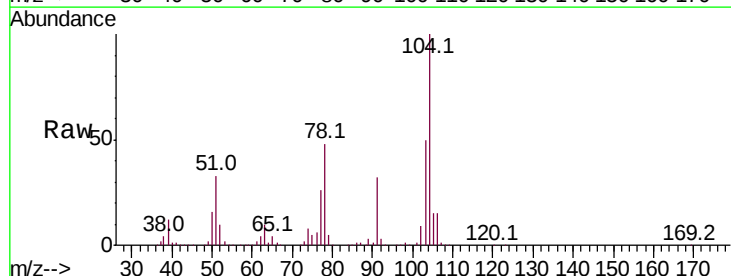
Instrument :
MSVOA_W
ClientSampleId :

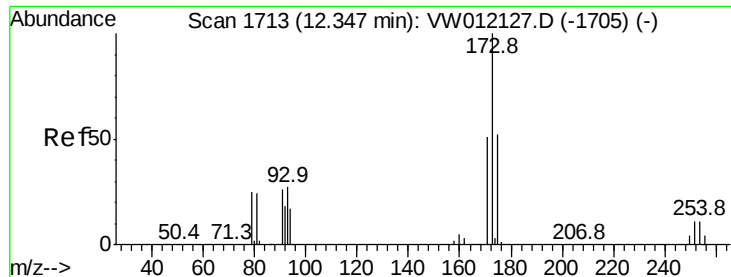
Tot Ion:106 Resp: 220223
Ion Ratio Lower Upper
106 100
91 224.0 111.6 334.6



#70
Styrene
Concen: 57.421 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion:104 Resp: 384854
Ion Ratio Lower Upper
104 100
78 54.4 43.1 64.7
103 54.9 43.5 65.3





#71

Bromoform

Concen: 55.112 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

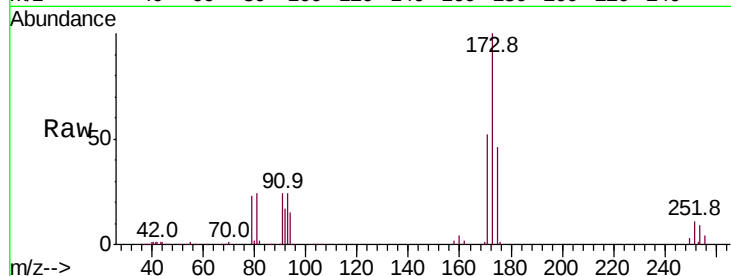
Tot Ion:173 Resp: 57756

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

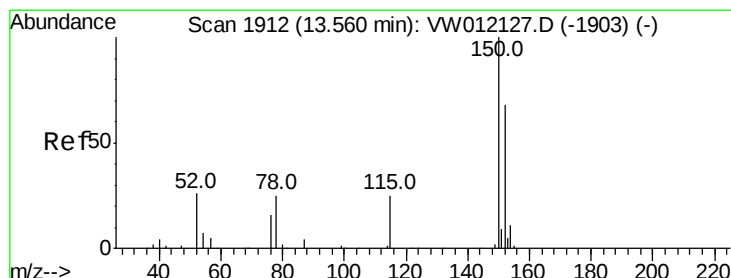
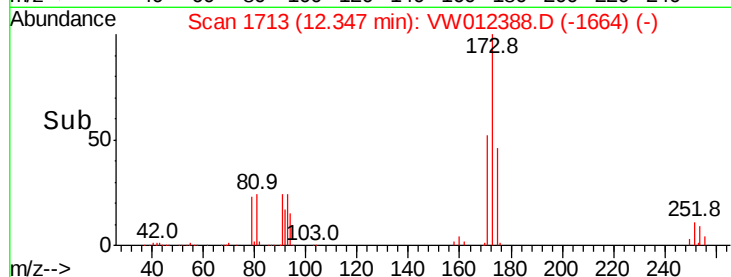
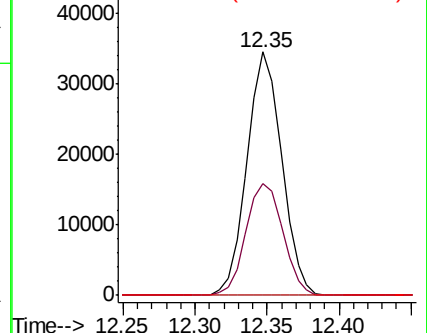
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

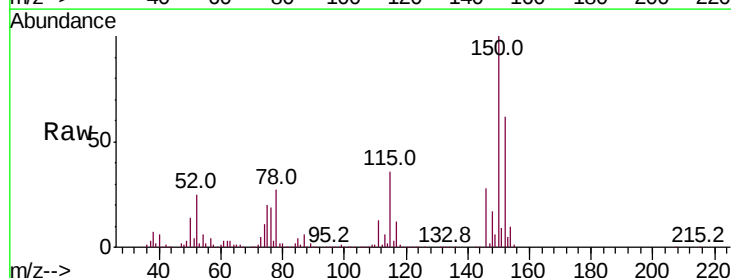
Tgt Ion:152 Resp: 147727

Ion Ratio Lower Upper

152 100

115 61.5 30.1 90.3

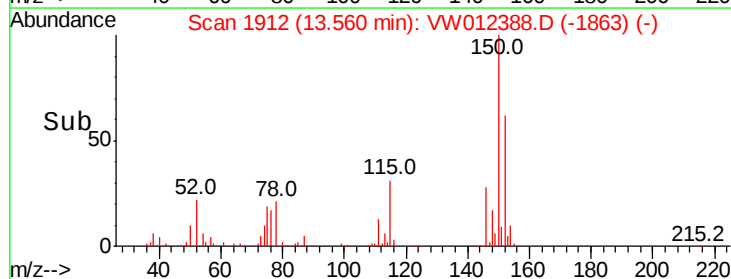
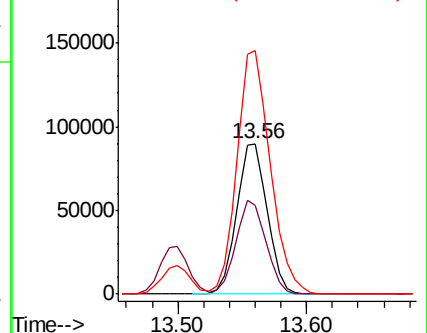
150 176.5 0.0 345.8

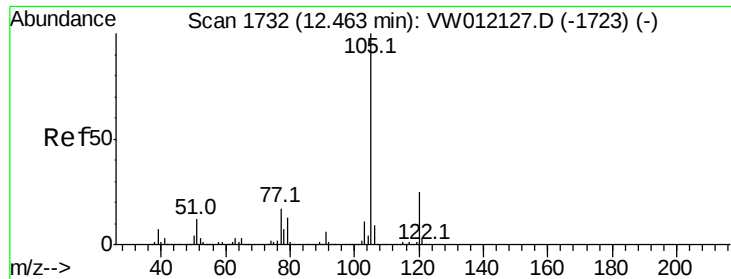


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.148 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

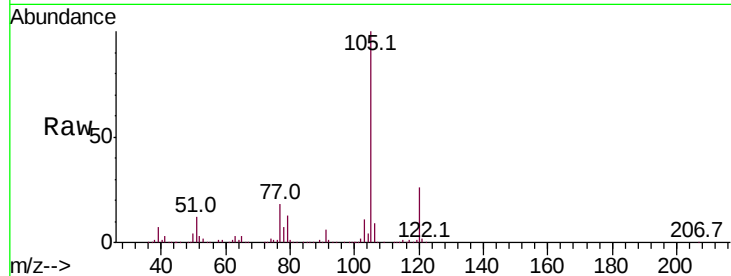
ClientSampleId :

Tot Ion:105 Resp: 632593

Ion Ratio Lower Upper

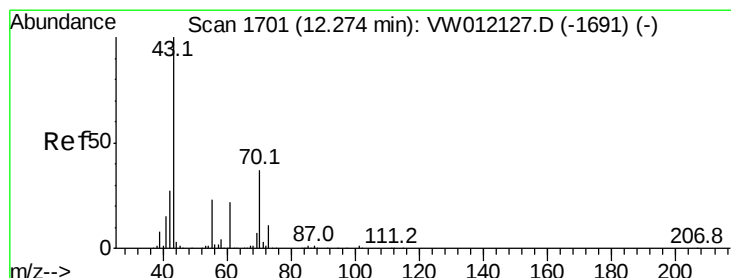
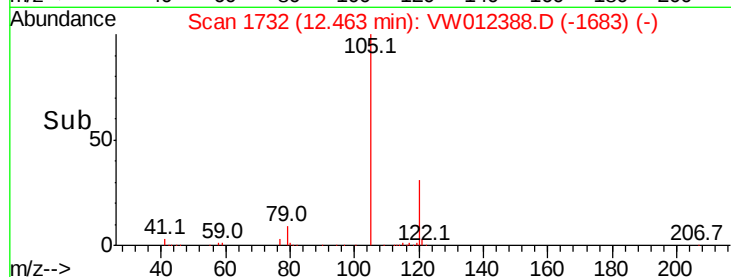
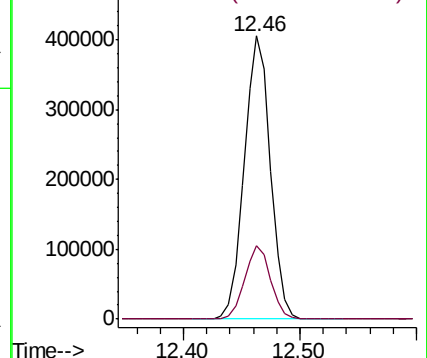
105 100

120 25.5 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.978 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Tgt Ion: 43 Resp: 183867

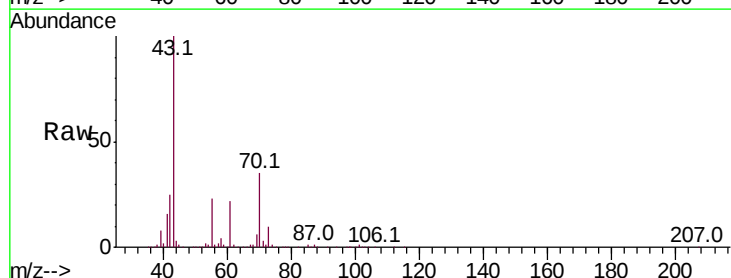
Ion Ratio Lower Upper

43 100

70 35.3 28.6 43.0

55 23.2 17.8 26.6

61 21.5 17.3 25.9

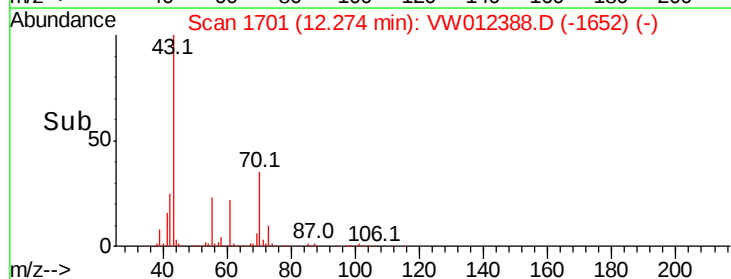
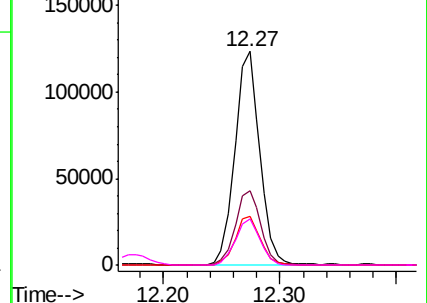


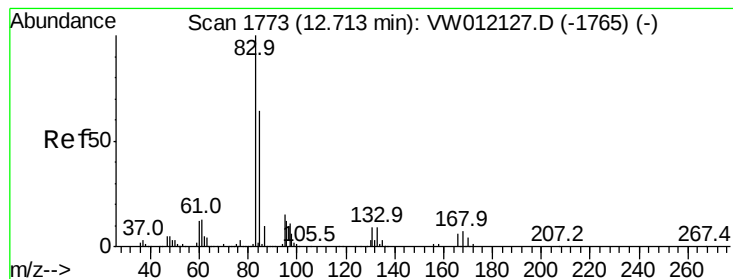
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.634 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

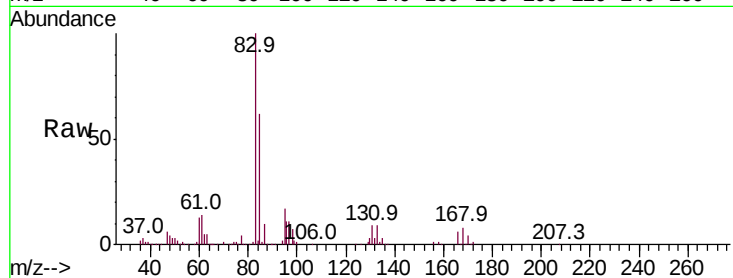
Tot Ion: 83 Resp: 106813

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.6	31.9	95.7

83 100

131 10.1 4.9 14.7

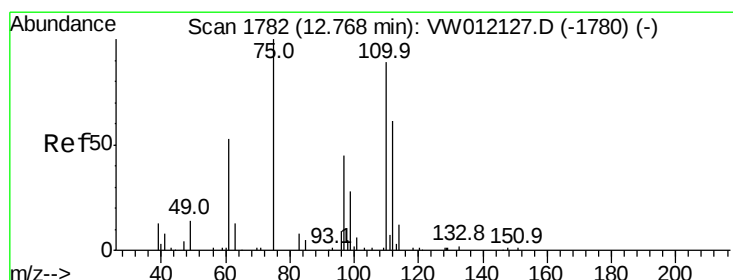
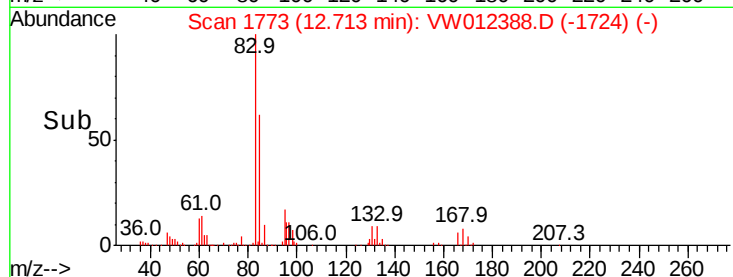
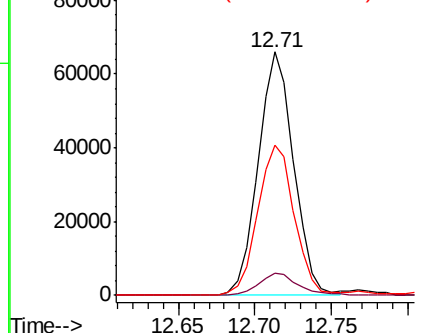
85 63.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 102.567 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012388.D

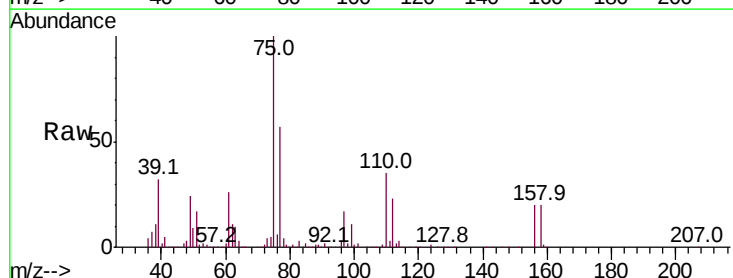
Acq: 31 Aug 2019 09:41

Tgt Ion: 75 Resp: 147569

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

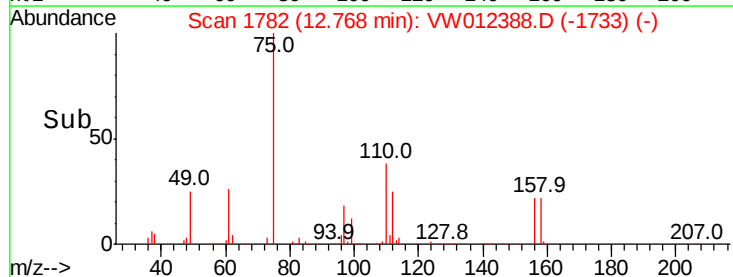
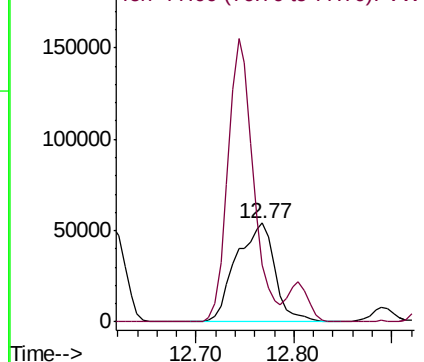
75 100

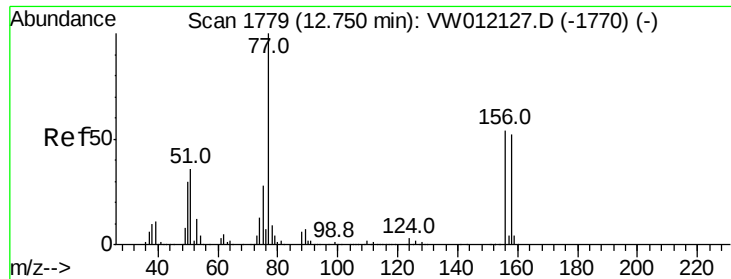
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.700 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

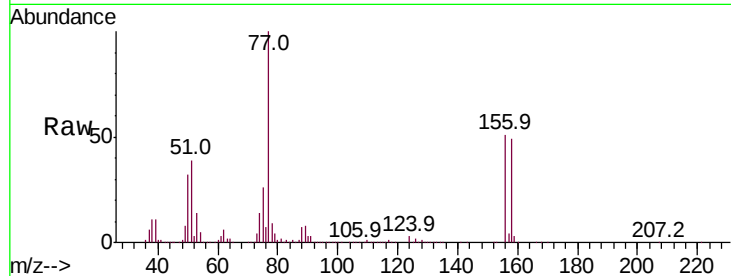
Tot Ion:156 Resp: 133388

Ion Ratio Lower Upper

156 100

77 211.1 107.3 321.8

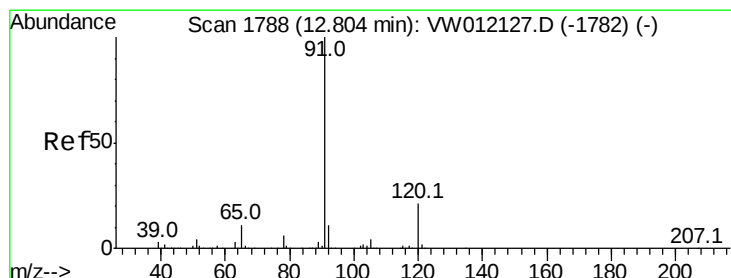
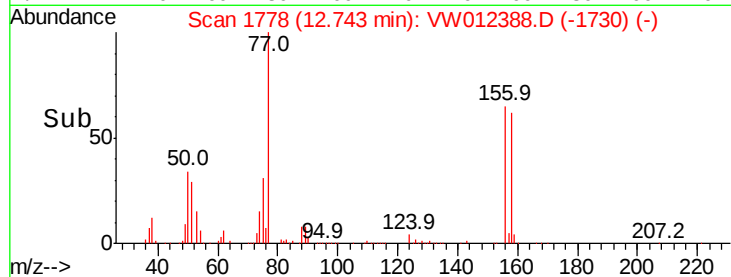
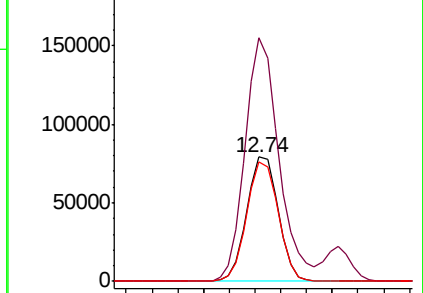
158 96.2 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.419 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012388.D

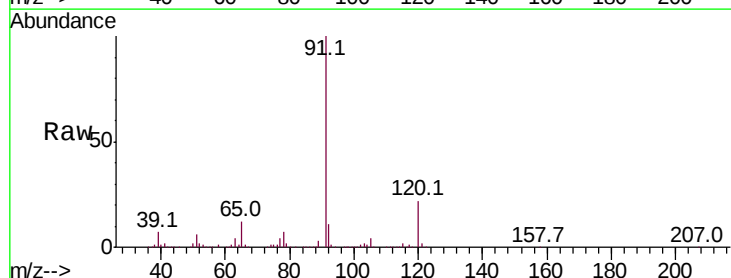
Acq: 31 Aug 2019 09:41

Tgt Ion: 91 Resp: 775932

Ion Ratio Lower Upper

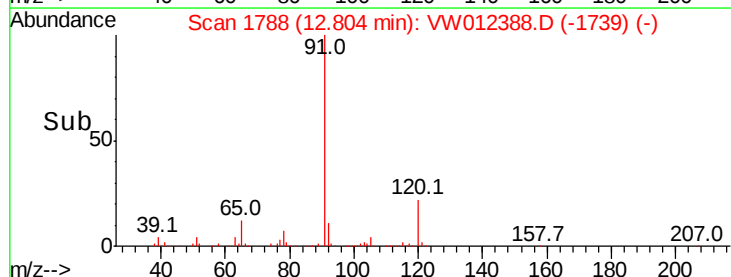
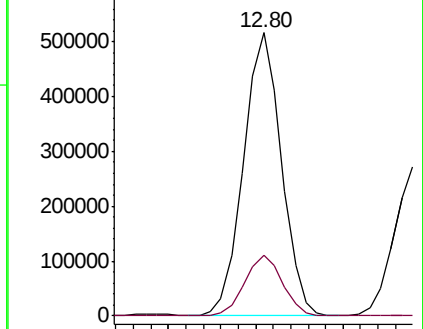
91 100

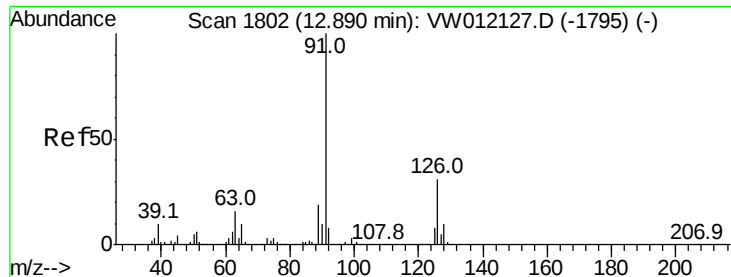
120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

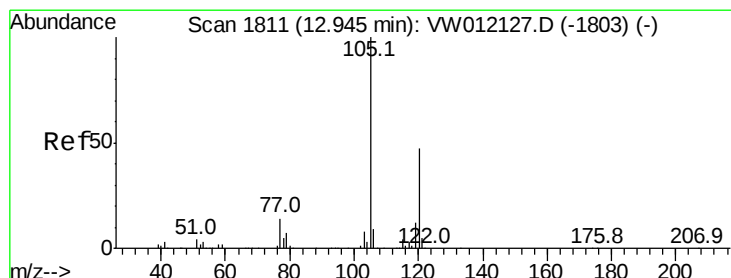
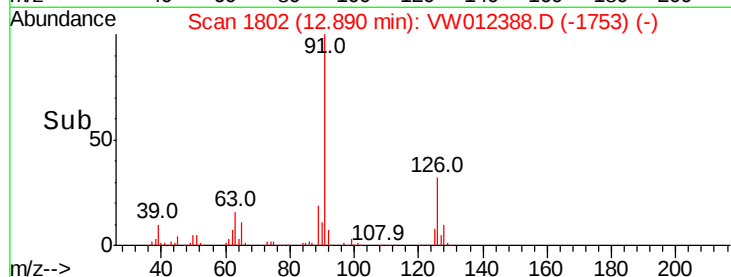
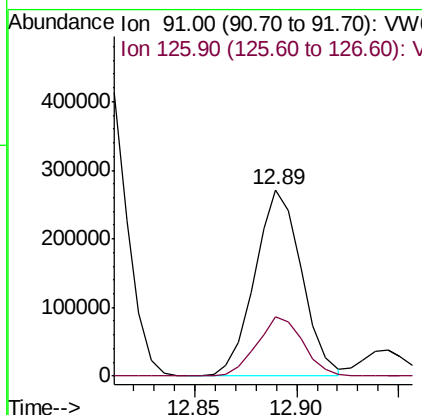
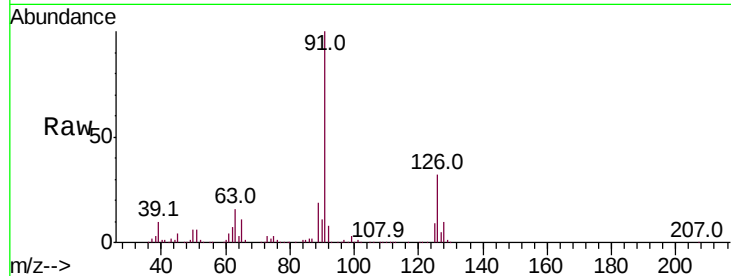




#79
 2-Chlorotoluene
 Concen: 56.424 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

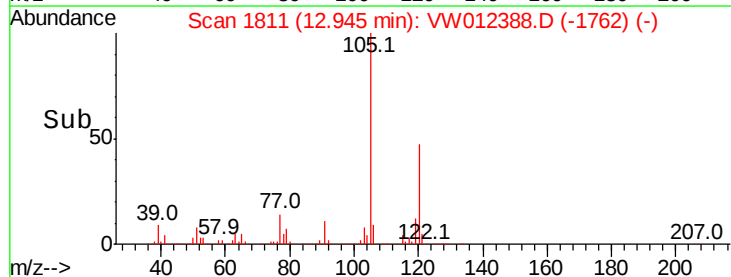
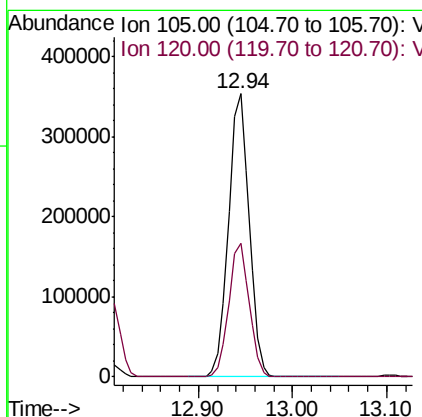
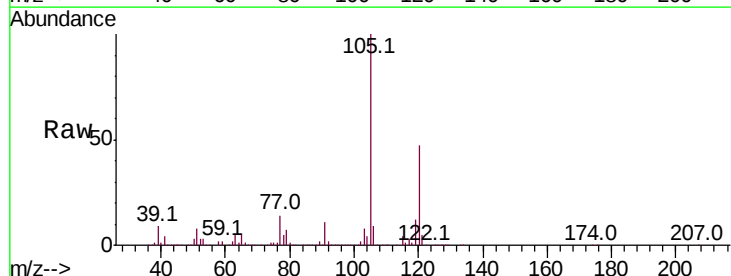
Instrument :
 MSVOA_W
 ClientSampled :

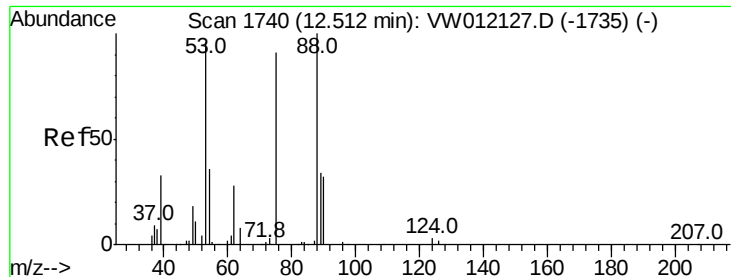
Tot Ion: 91 Resp: 432897
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 58.198 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion:105 Resp: 538309
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.0 72.0

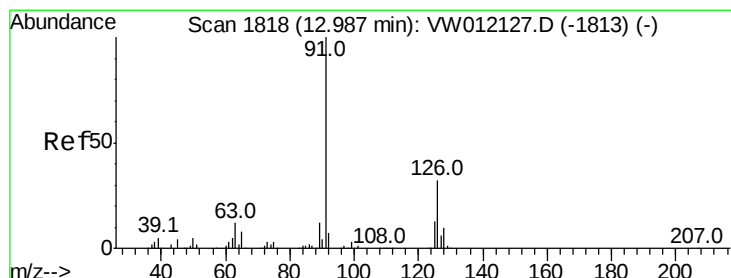
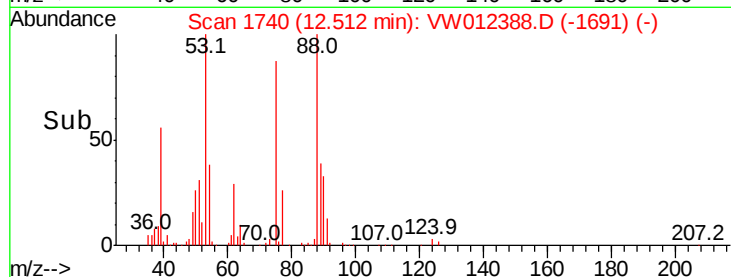
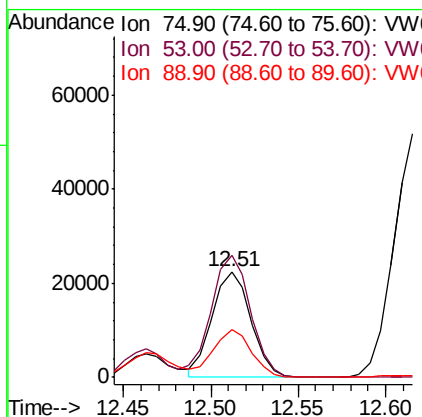
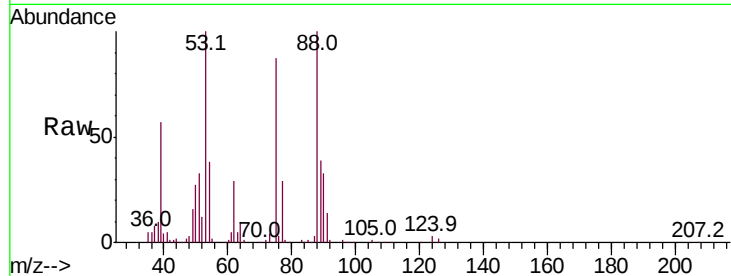




#81
trans-1,4-Dichloro-2-butene
Concen: 52.255 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

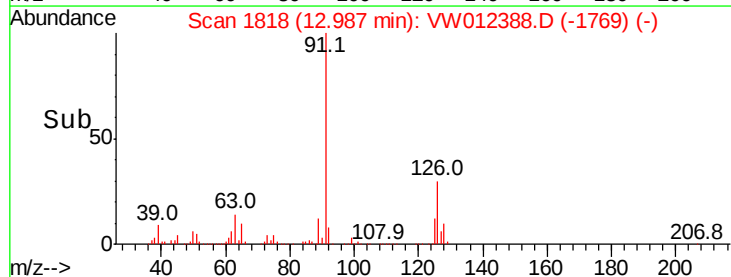
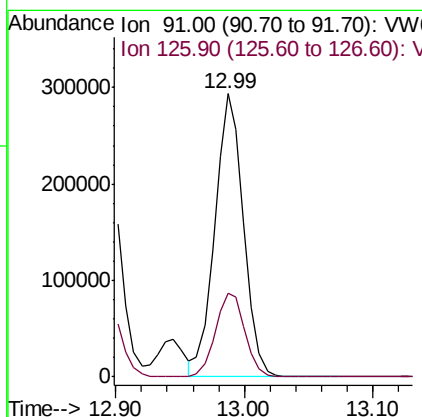
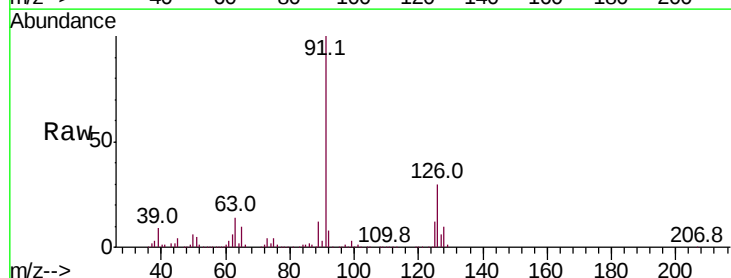
Instrument :
MSVOA_W
ClientSampleId :

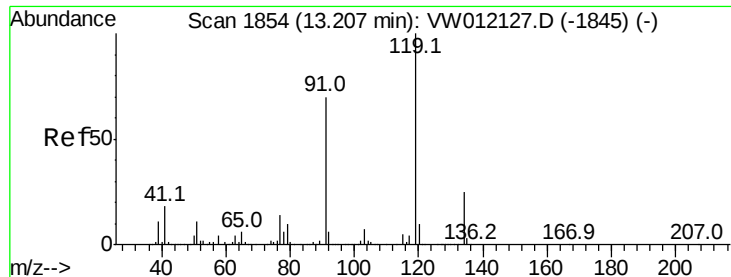
Tot Ion: 75 Resp: 34290
Ion Ratio Lower Upper
75 100
53 118.7 89.4 134.0
89 45.3 34.5 51.7



#82
4-Chlorotoluene
Concen: 56.786 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion: 91 Resp: 456185
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8

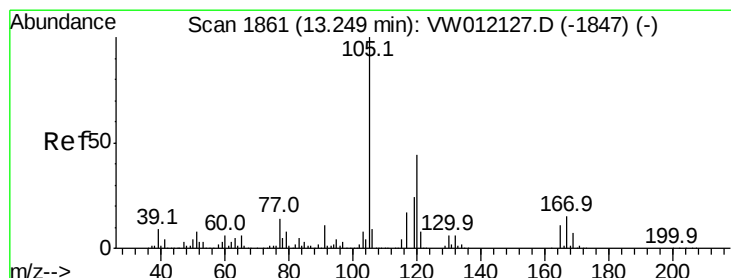
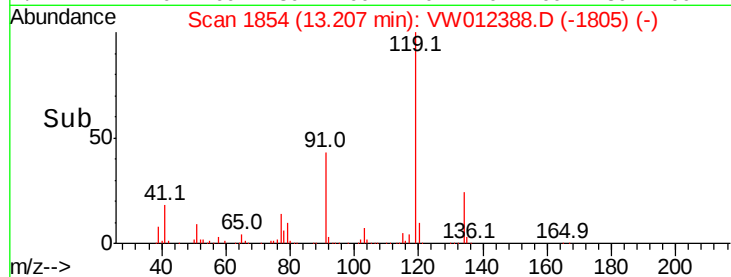
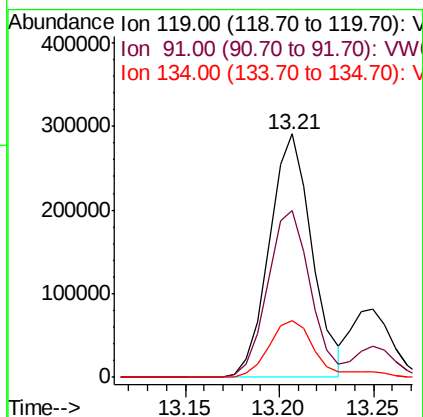
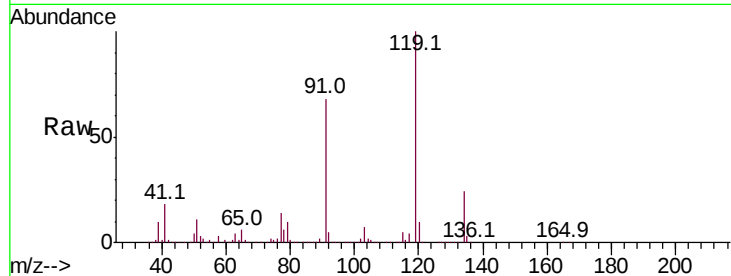




#83
 tert-Butylbenzene
 Concen: 58.088 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

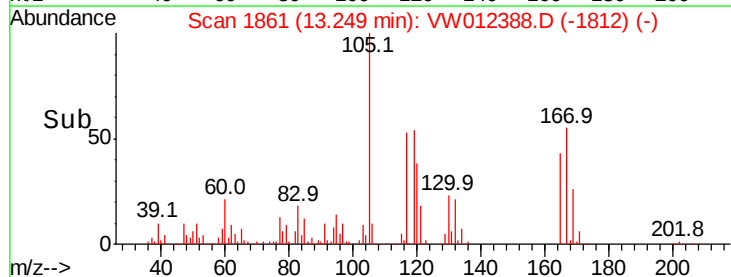
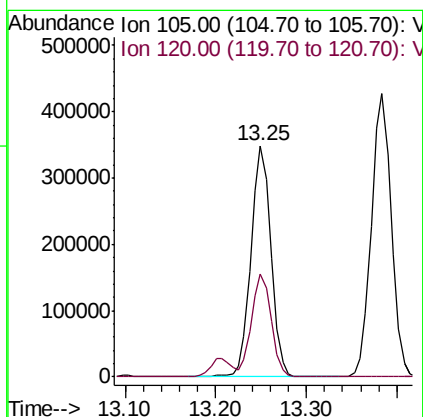
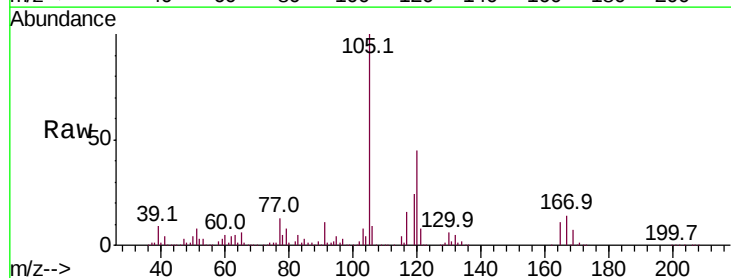
Instrument :
 MSVOA_W
 ClientSampleId :

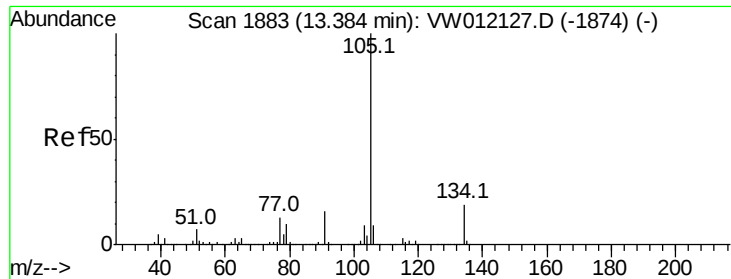
Tot Ion:119 Resp: 455129
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 26.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 57.389 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion:105 Resp: 533222
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7

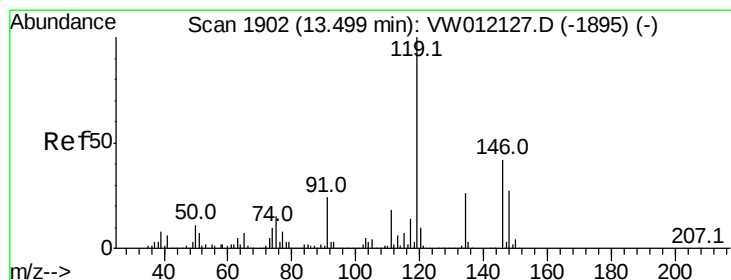
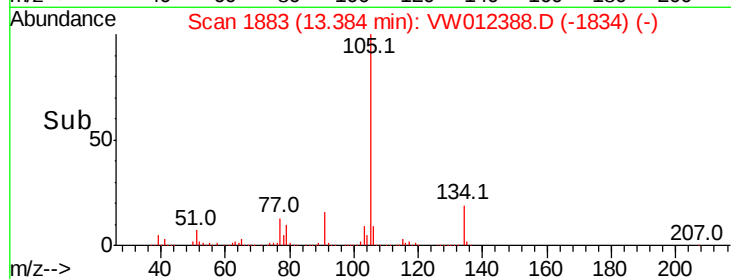
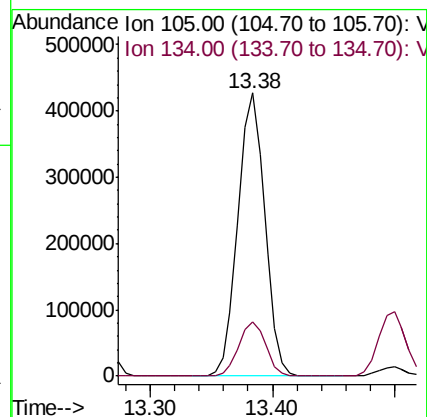
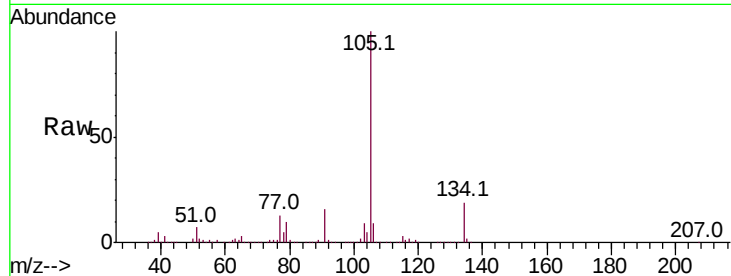




#85
 sec-Butylbenzene
 Concen: 57.790 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

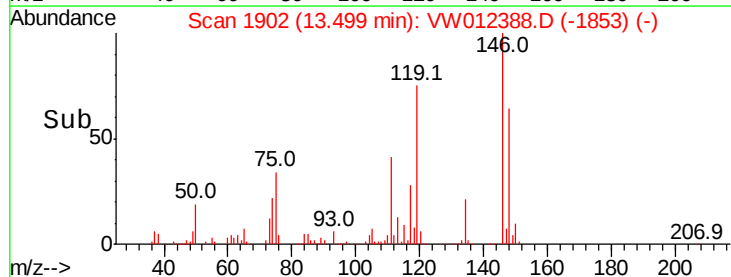
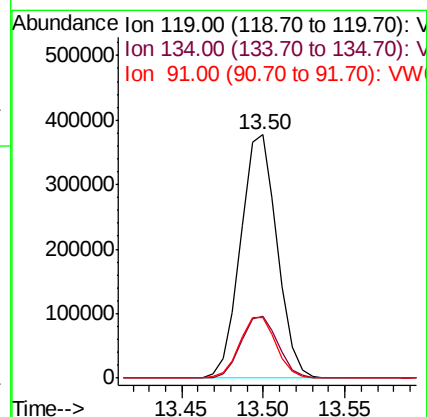
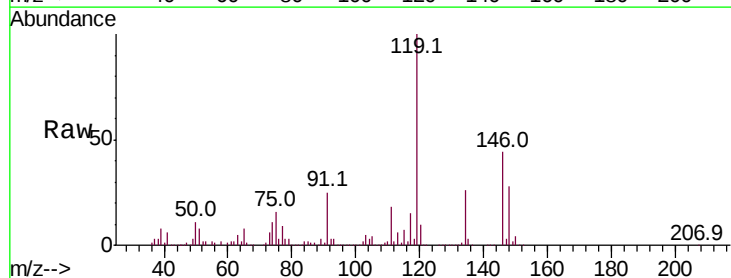
Instrument :
 MSVOA_W
 ClientSampleId :

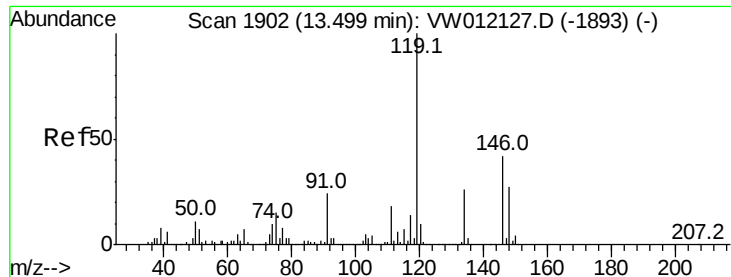
Tot Ion:105 Resp: 648703
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 58.519 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion:119 Resp: 586643
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.0 12.3 36.9

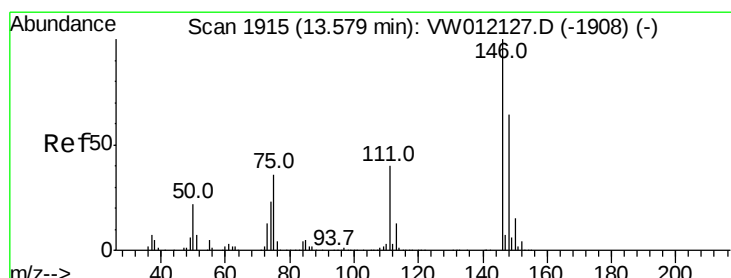
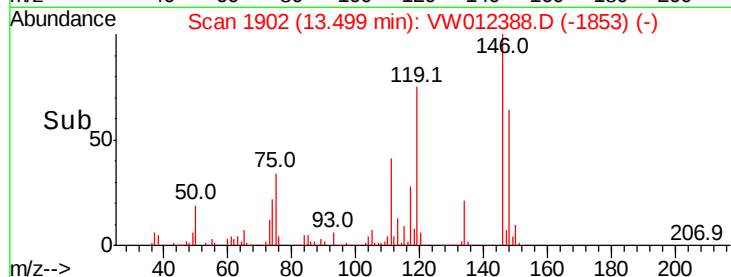
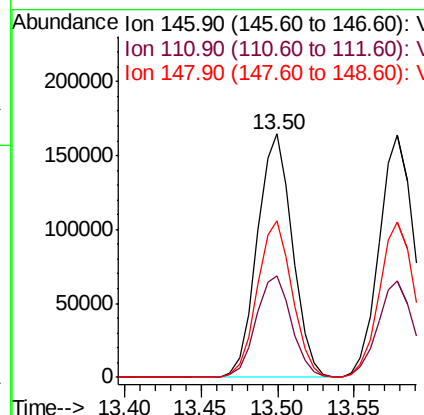
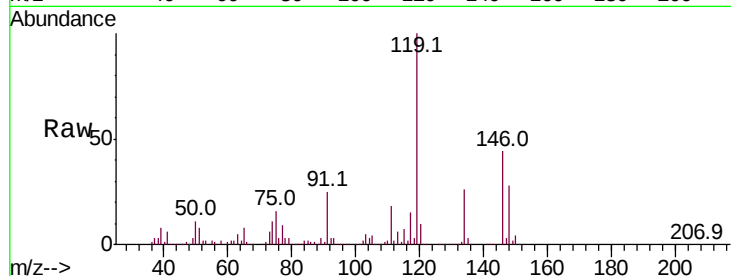




#87
 1,3-Dichlorobenzene
 Concen: 56.154 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

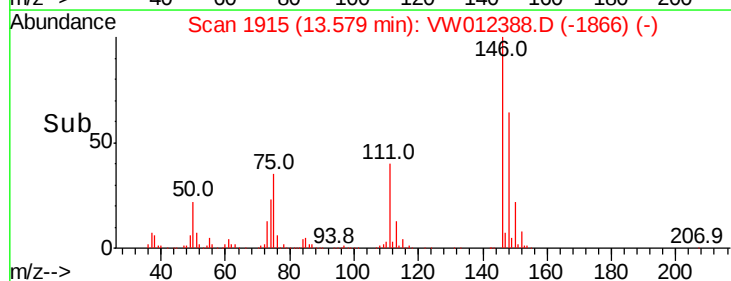
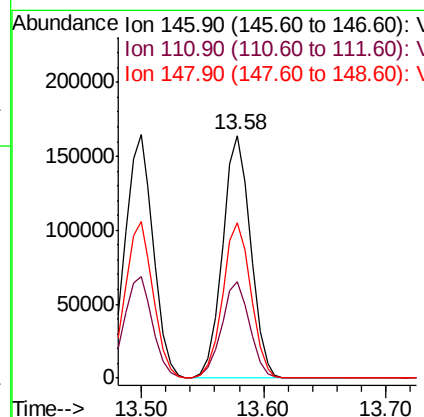
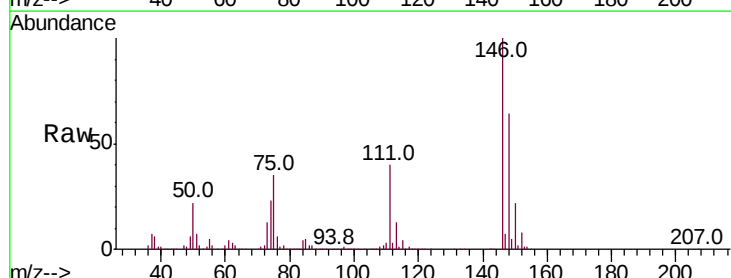
Instrument :
 MSVOA_W
 ClientSampleId :

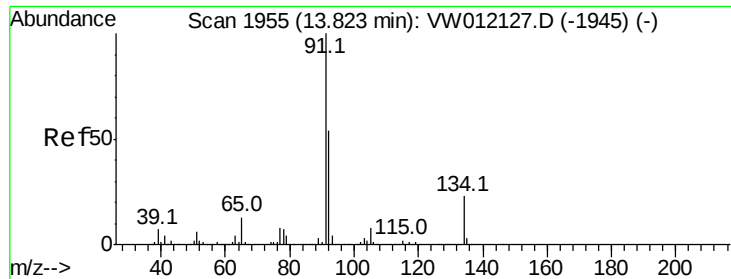
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	63.8	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 56.088 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

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





#89

n-Butylbenzene

Concen: 59.378 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

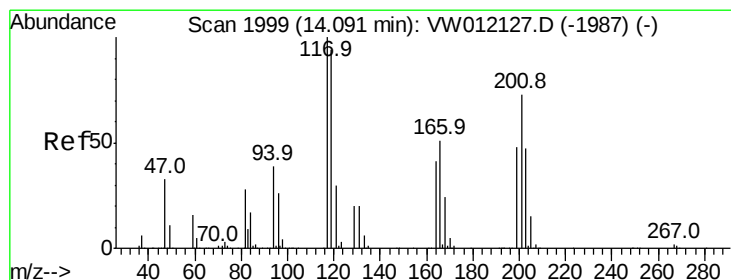
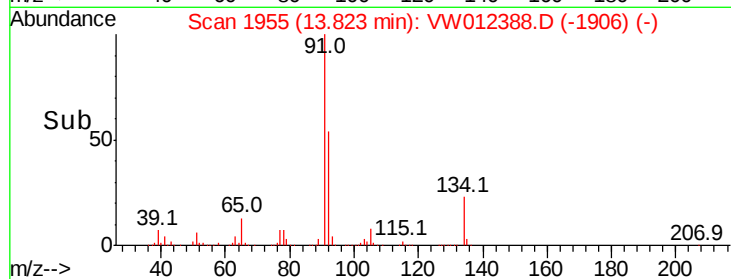
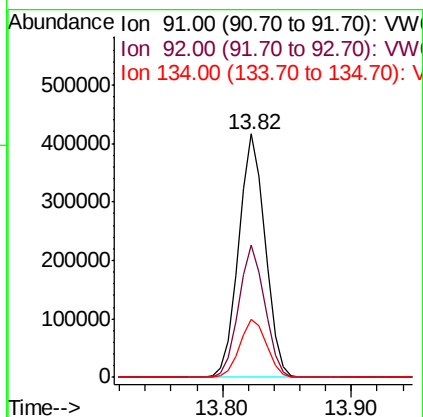
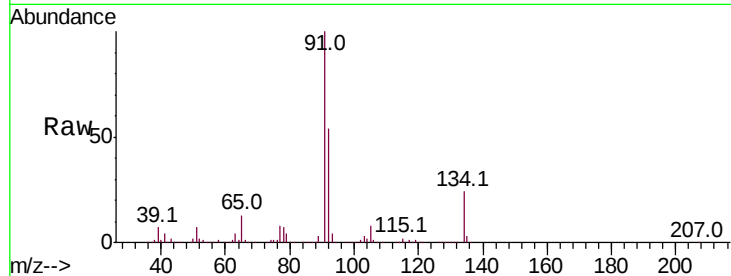
Tot Ion: 91 Resp: 591942

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

134 24.2 12.2 36.4



#90

Hexachloroethane

Concen: 56.875 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012388.D

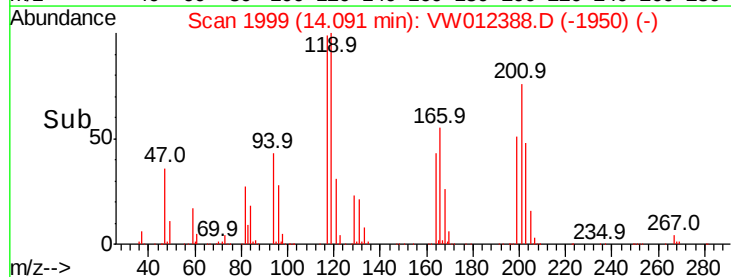
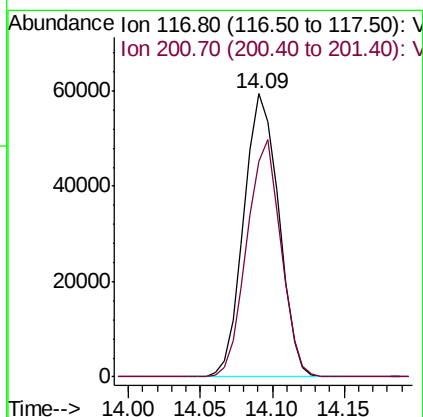
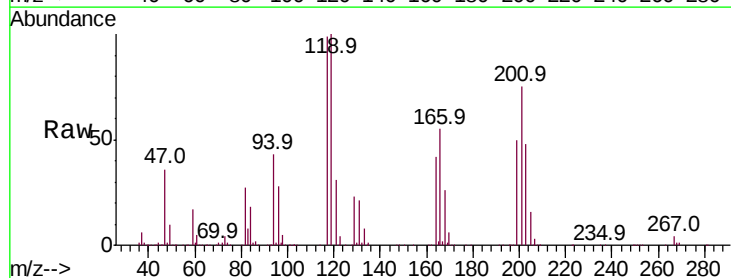
Acq: 31 Aug 2019 09:41

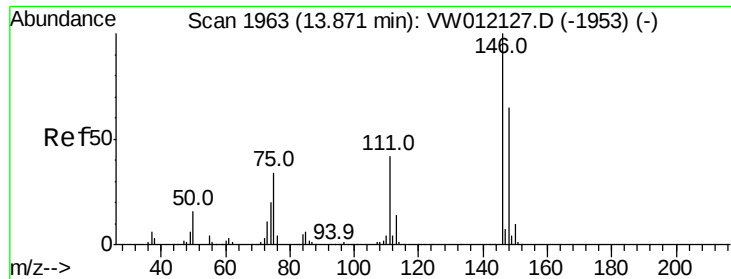
Tgt Ion: 117 Resp: 100033

Ion Ratio Lower Upper

117 100

201 81.5 38.6 115.7





#91

1,2-Dichlorobenzene

Concen: 56.301 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

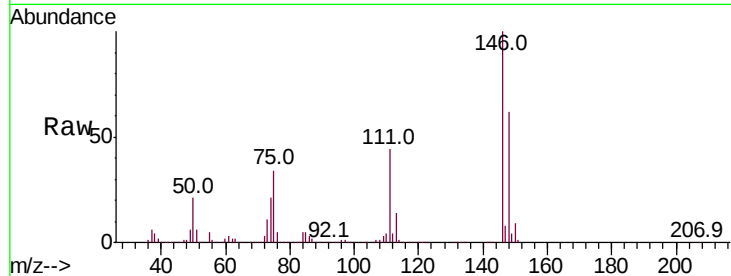
Tot Ion:146 Resp: 231349

Ion Ratio Lower Upper

146 100

111 43.5 21.2 63.6

148 63.9 32.5 97.4

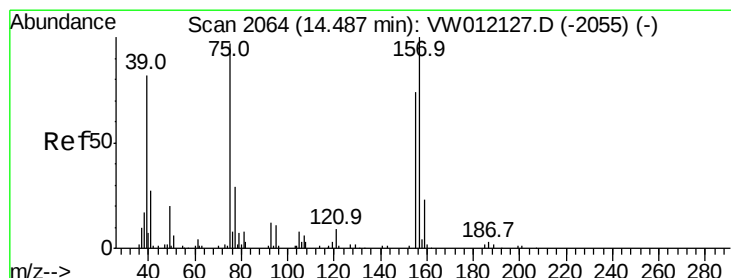
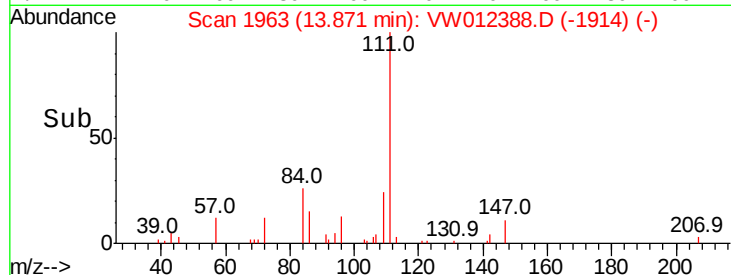
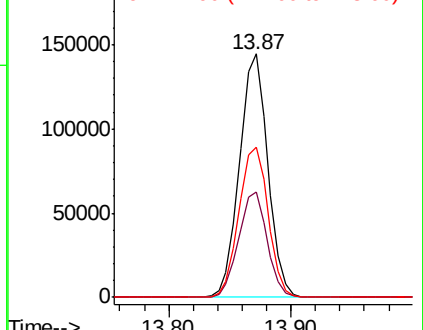


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.623 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012388.D

Acq: 31 Aug 2019 09:41

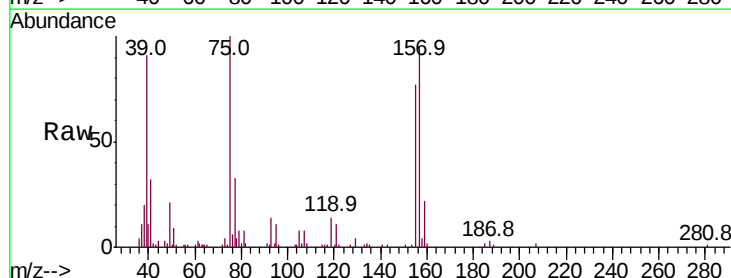
Tgt Ion: 75 Resp: 18003

Ion Ratio Lower Upper

75 100

155 79.0 37.5 112.3

157 101.0 50.5 151.5

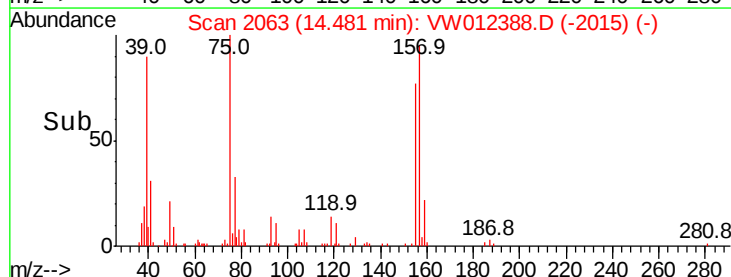
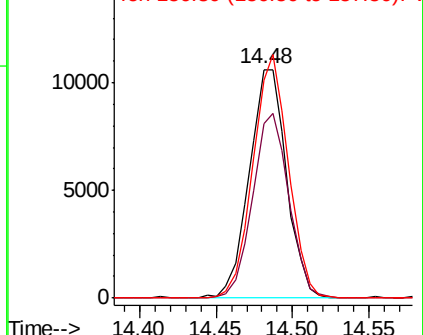


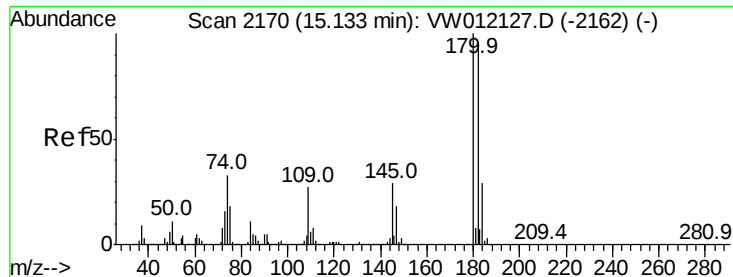
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

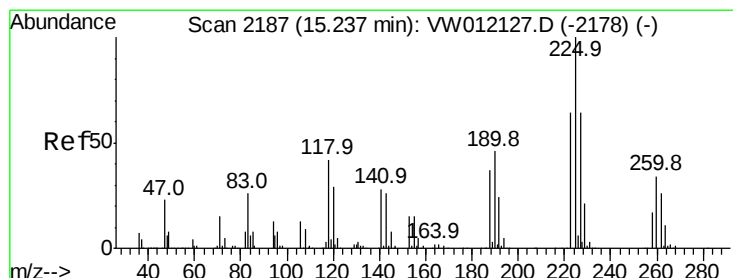
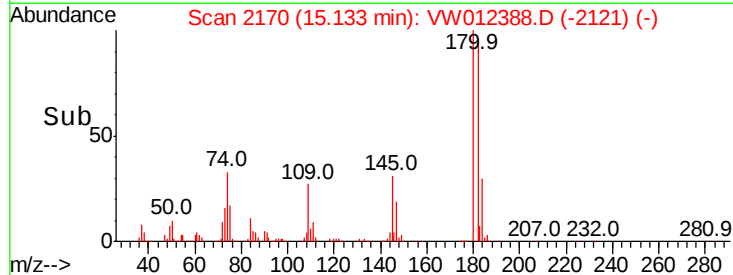
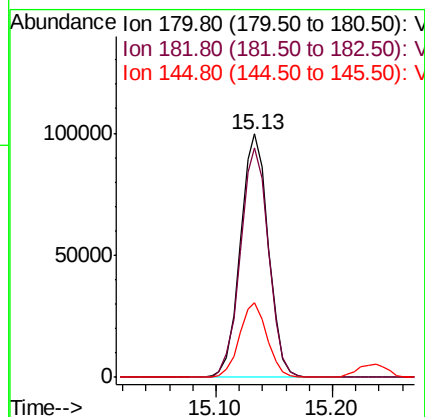
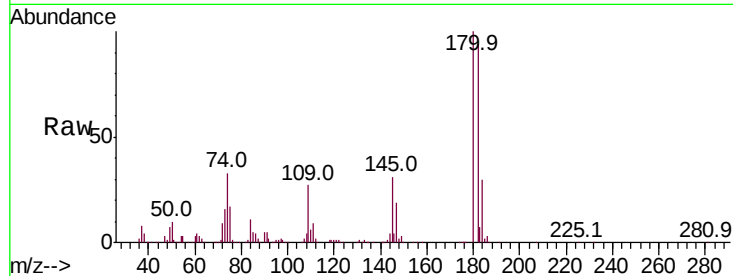




#93
 1,2,4-Trichlorobenzene
 Concen: 58.583 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

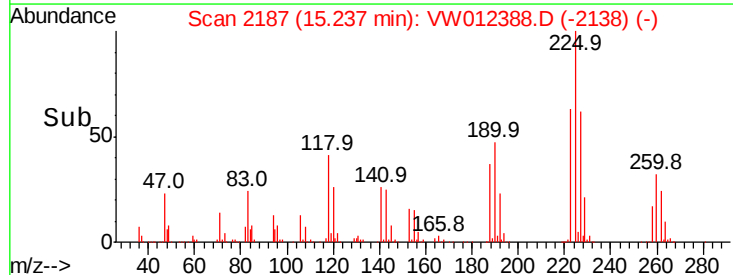
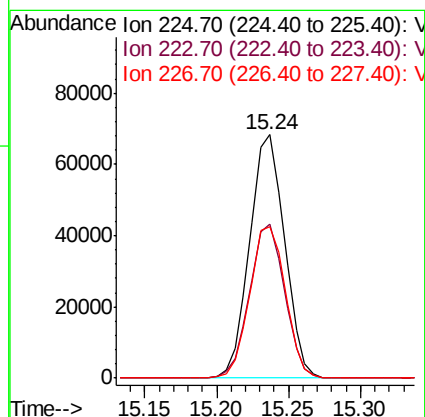
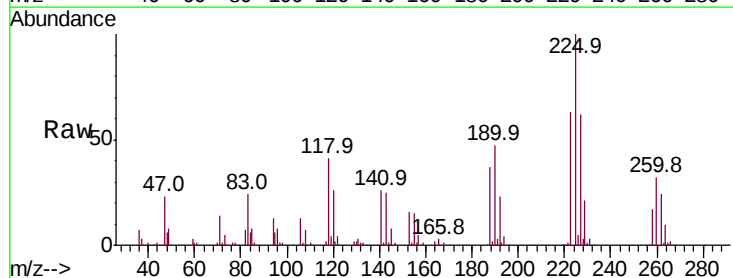
Instrument :
 MSVOA_W
 ClientSampleId :

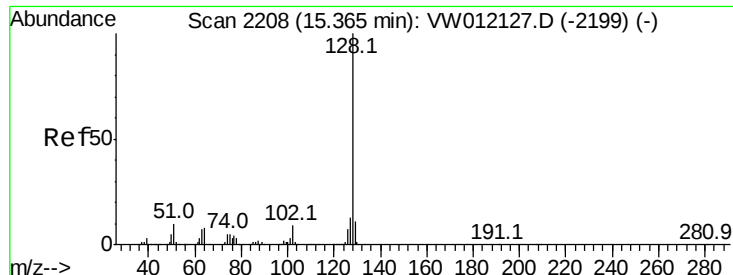
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	30.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 61.215 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012388.D
 Acq: 31 Aug 2019 09:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.3	96.8
227	63.4	32.9	98.6

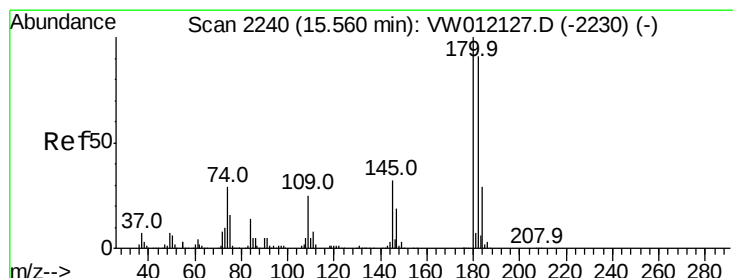
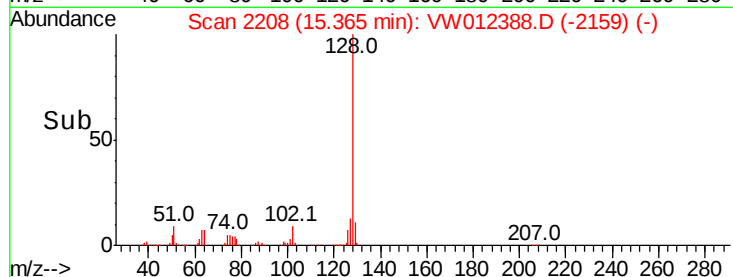
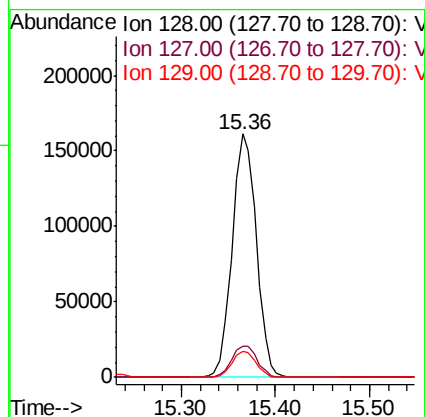
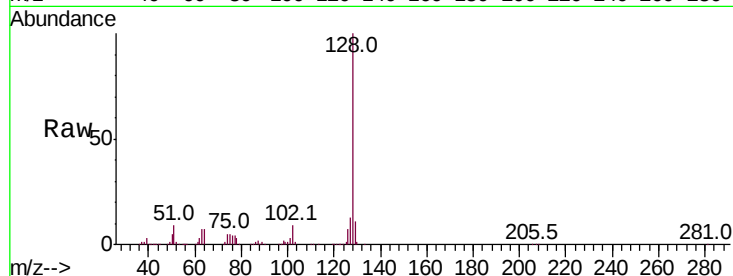




#95
Naphthalene
Concen: 51.460 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 287513
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.699 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012388.D
Acq: 31 Aug 2019 09:41

Tgt Ion:180 Resp: 145429
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 32.1 16.2 48.5

