

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012537.D
 Acq On : 03 Sep 2019 10:19
 Operator : SY/VA
 Sample : VW0903SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 03 14:03:24 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	233740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	150535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120807	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.88	113	98977	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
50) Toluene-d8	10.32	98	393582	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.62	95	140503	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23984	16.665	ug/l	98
3) Chloromethane	2.21	50	36718	16.467	ug/l	97
4) Vinyl Chloride	2.36	62	43572	15.965	ug/l	99
5) Bromomethane	2.77	94	21850	15.809	ug/l	99
6) Chloroethane	2.91	64	24945	16.203	ug/l	99
7) Trichlorofluoromethane	3.25	101	26366	19.240	ug/l	93
8) Diethyl Ether	3.68	74	23195	17.832	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42843	18.393	ug/l	96
10) Methyl Iodide	4.27	142	55930	17.746	ug/l	100
11) Tert butyl alcohol	5.20	59	15421	92.223	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	41272	17.604	ug/l	97
13) Acrolein	3.89	56	10315	65.533	ug/l	99
14) Allyl chloride	4.67	41	90181	17.992	ug/l	100
15) Acrylonitrile	5.37	53	58601	90.892	ug/l	97
16) Acetone	4.13	43	59439	83.685	ug/l	98
17) Carbon Disulfide	4.38	76	99546	14.049	ug/l	100
18) Methyl Acetate	4.67	43	32889	18.695	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	73914	19.495	ug/l	99
20) Methylene Chloride	4.91	84	47038	17.518	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	44575	17.730	ug/l	93
22) Diisopropyl ether	6.31	45	174168	18.747	ug/l	97
23) Vinyl Acetate	6.25	43	504880	88.302	ug/l	99
24) 1,1-Dichloroethane	6.21	63	93686	18.520	ug/l	99
25) 2-Butanone	7.17	43	84493	87.542	ug/l	97
26) 2,2-Dichloropropane	7.17	77	56670	19.792	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51246	19.078	ug/l	99
28) Bromochloromethane	7.51	49	40784	18.498	ug/l	93
29) Tetrahydrofuran	7.53	42	49655	85.751	ug/l	97
30) Chloroform	7.67	83	89680	19.377	ug/l	100
31) Cyclohexane	7.95	56	84247	16.833	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71143	19.432	ug/l	100
36) 1,1-Dichloropropene	8.08	75	71188	19.195	ug/l	99
37) Ethyl Acetate	7.25	43	35357	17.398	ug/l	98
38) Carbon Tetrachloride	8.07	117	64122	19.976	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76590	18.383	ug/l	95
40) Benzene	8.32	78	194161	19.173	ug/l	98
41) Methacrylonitrile	7.48	41	24053	20.137	ug/l	95
42) 1,2-Dichloroethane	8.40	62	62082	19.561	ug/l	100
43) Isopropyl Acetate	8.42	43	69028	18.337	ug/l	100
44) Trichloroethene	9.09	130	48595	19.740	ug/l	98
45) 1,2-Dichloropropane	9.37	63	51997	19.079	ug/l	99
46) Dibromomethane	9.46	93	22856	18.849	ug/l	97
47) Bromodichloromethane	9.64	83	62780	19.453	ug/l	99
48) Methyl methacrylate	9.44	41	33097	18.473	ug/l	97
49) 1,4-Dioxane	9.46	88	6772	364.797	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	176704	92.288	ug/l	99
52) Toluene	10.38	92	119692	19.675	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	64361	19.578	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	77177	19.443	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34150	19.905	ug/l	97
56) Ethyl methacrylate	10.65	69	47787	19.137	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63878	19.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	118554	92.509	ug/l	99
59) 2-Hexanone	10.97	43	124778	92.102	ug/l	100
60) Dibromochloromethane	11.13	129	37459	19.602	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31139	19.482	ug/l	99
64) Tetrachloroethene	10.86	164	39897	19.901	ug/l	98
65) Chlorobenzene	11.66	112	120754	19.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43511	20.483	ug/l	99
67) Ethyl Benzene	11.73	91	233996	19.950	ug/l	96
68) m/p-Xylenes	11.84	106	171288	40.541	ug/l	99
69) o-Xylene	12.16	106	78945	20.188	ug/l	100
70) Styrene	12.18	104	136981	20.238	ug/l	100
71) Bromoform	12.35	173	20842	19.693	ug/l #	98
73) Isopropylbenzene	12.46	105	227059	20.130	ug/l	98
74) N-amyl acetate	12.27	43	62932	18.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	38385	18.562	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52642	35.906	ug/l #	100
77) Bromobenzene	12.74	156	49131	20.133	ug/l	96
78) n-propylbenzene	12.80	91	275858	20.033	ug/l	99
79) 2-Chlorotoluene	12.89	91	156118	19.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	189727	20.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12449	18.617	ug/l	98
82) 4-Chlorotoluene	12.99	91	165533	20.221	ug/l	100
83) tert-Butylbenzene	13.21	119	166545	20.860	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	192072	20.286	ug/l	99
85) sec-Butylbenzene	13.38	105	232278	20.306	ug/l	100
86) p-Isopropyltoluene	13.50	119	213792	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96266	20.169	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96559	20.374	ug/l	98
89) n-Butylbenzene	13.82	91	207469	20.423	ug/l	100
90) Hexachloroethane	14.09	117	34686	19.353	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	85074	20.318	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6764	19.402	ug/l	97

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

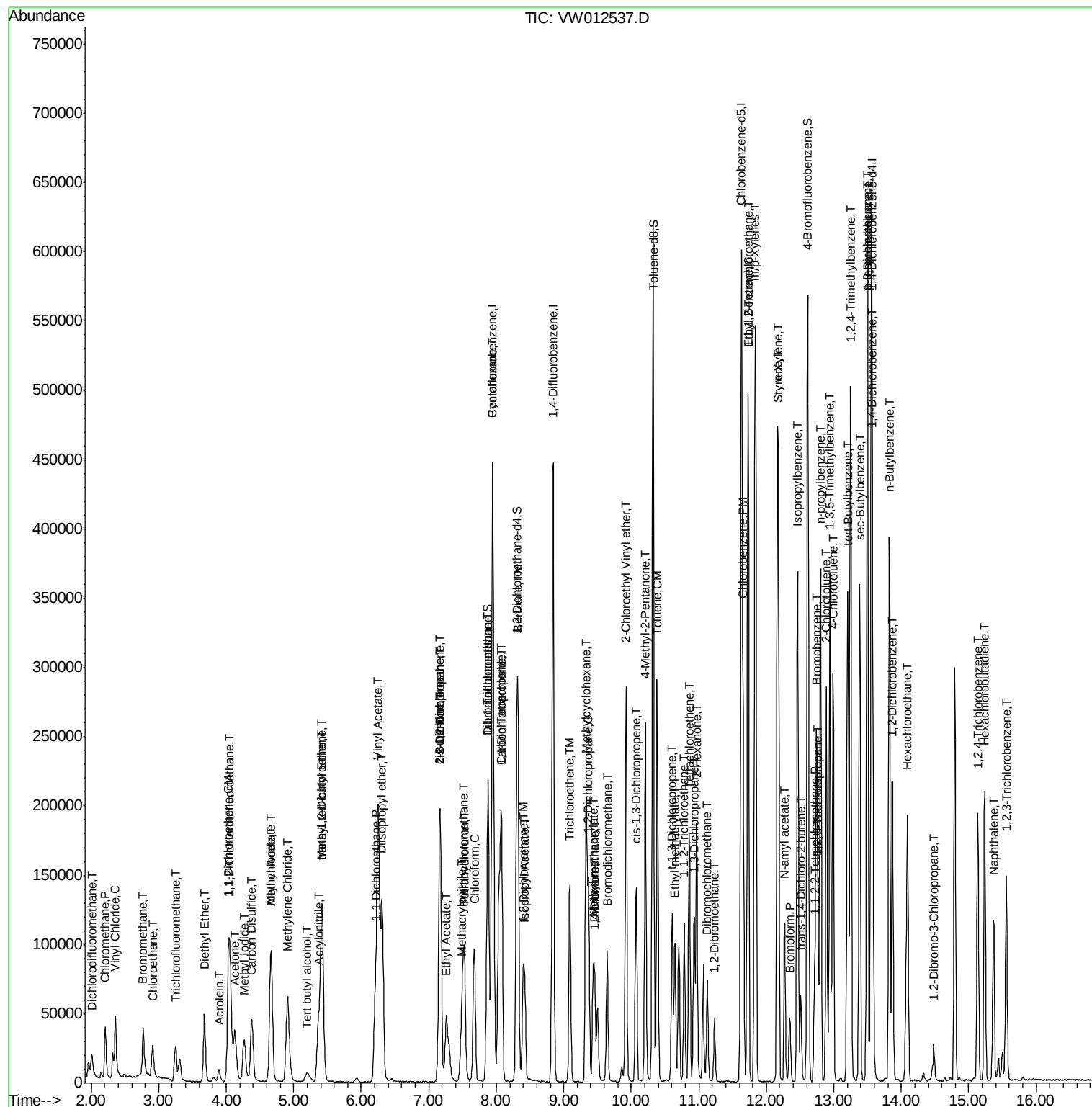
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60258	20.824	ug/l	100
94) Hexachlorobutadiene	15.24	225	41799	21.877	ug/l	99
95) Naphthalene	15.36	128	96770	19.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	51828	20.529	ug/l	99

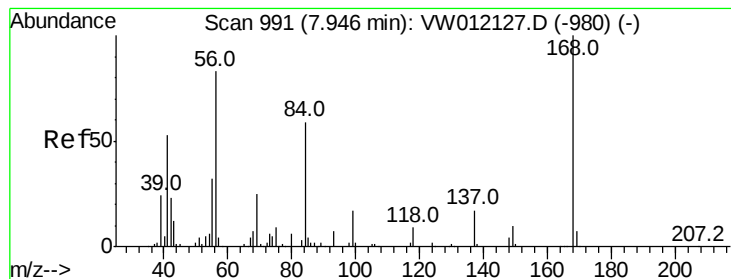
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

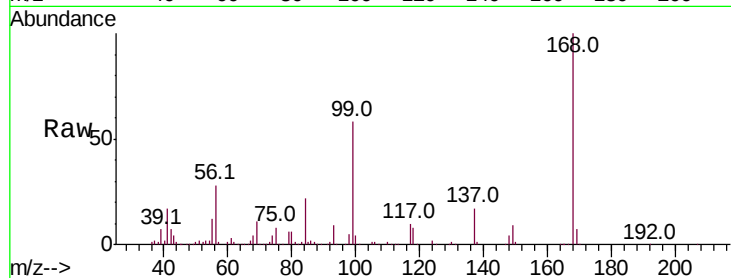
ClientSampled :

Tot Ion:168 Resp: 233740

Ion Ratio Lower Upper

168 100

99 57.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

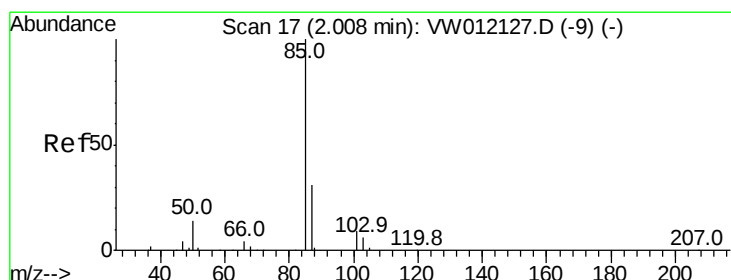
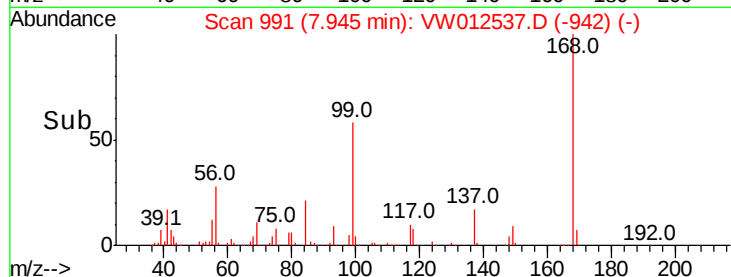
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.665 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012537.D

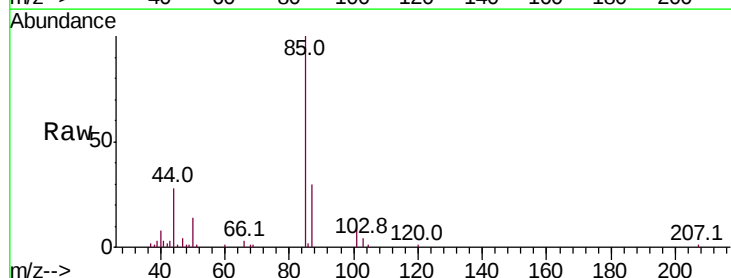
Acq: 03 Sep 2019 10:19

Tgt Ion: 85 Resp: 23984

Ion Ratio Lower Upper

85 100

87 30.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

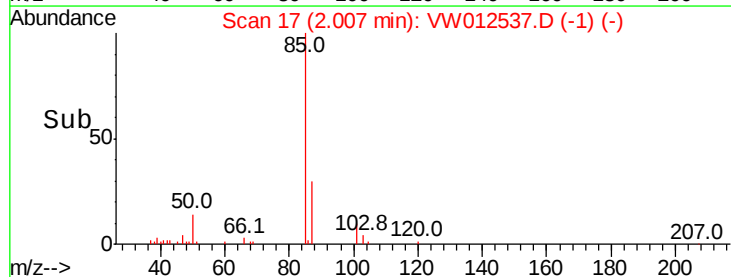
4000

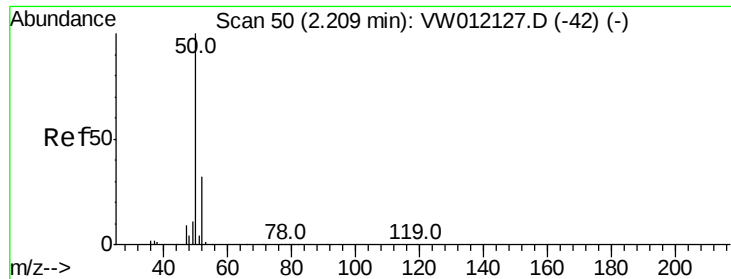
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 16.467 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

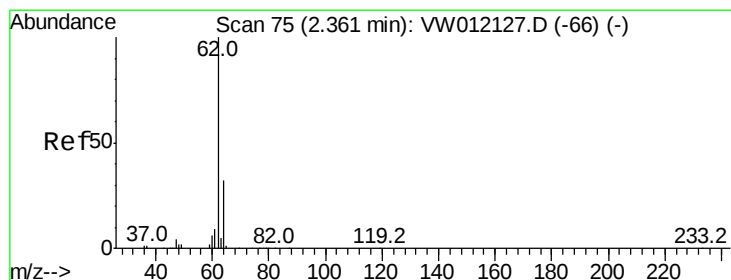
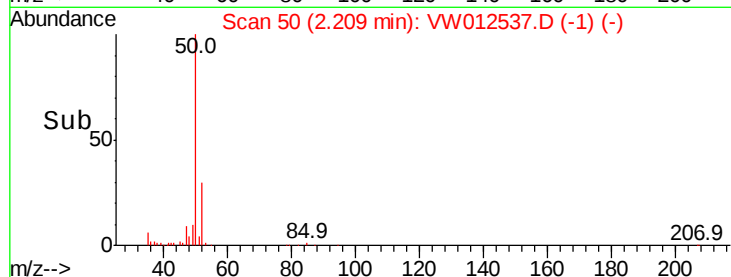
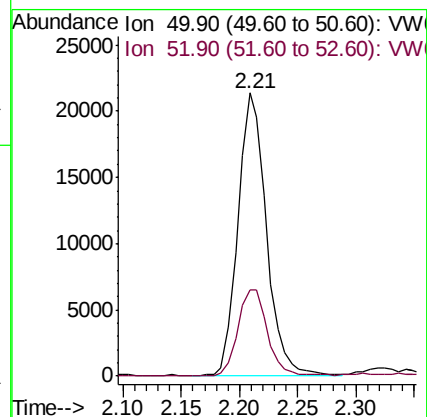
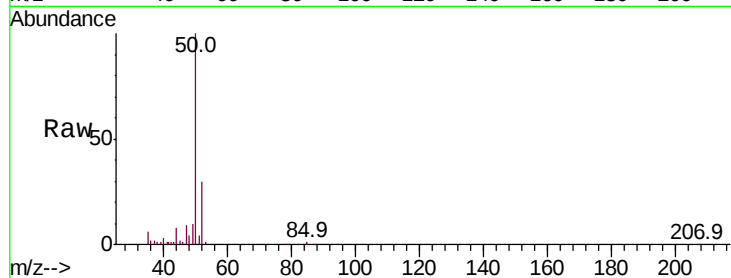
ClientSampleId :

Tot Ion: 50 Resp: 36718

Ion Ratio Lower Upper

50 100

52 30.4 25.5 38.3



#4

Vinyl Chloride

Concen: 15.965 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012537.D

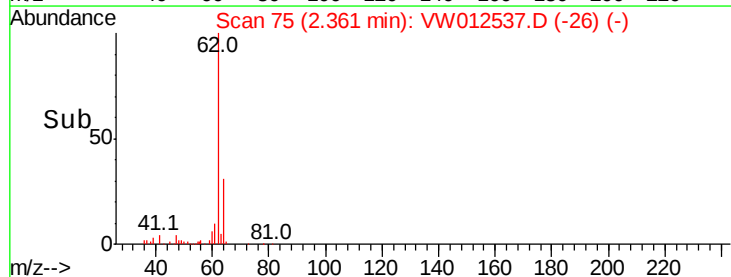
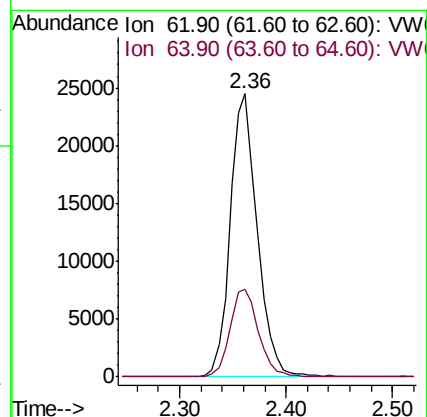
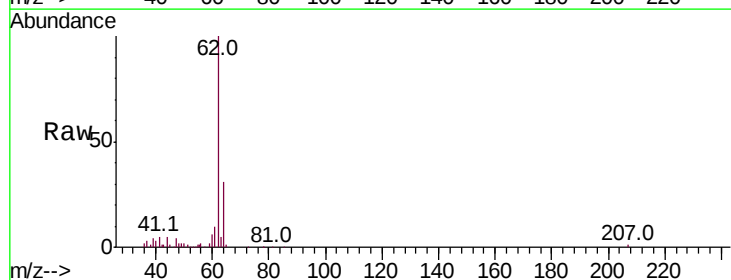
Acq: 03 Sep 2019 10:19

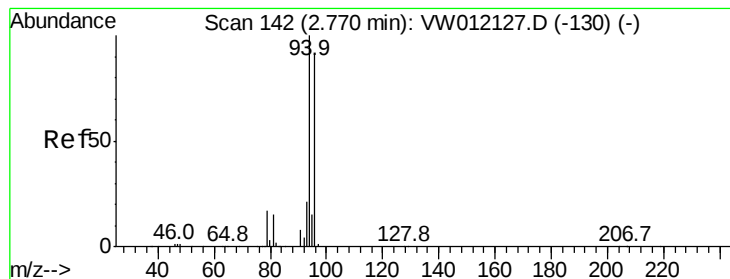
Tgt Ion: 62 Resp: 43572

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 15.809 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

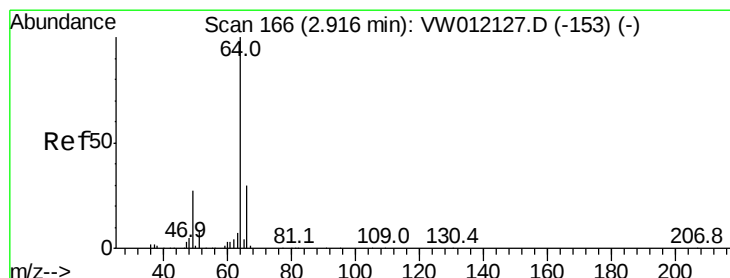
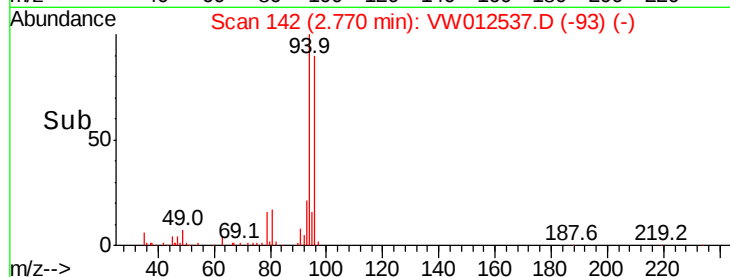
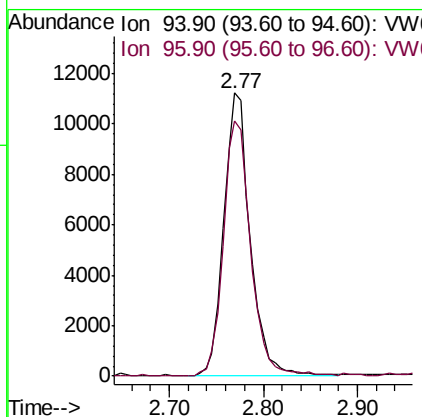
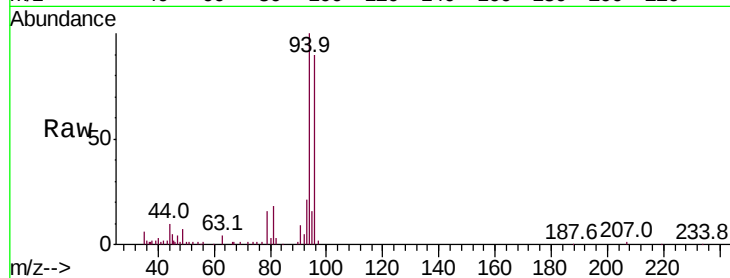
ClientSampleId :

Tot Ion: 94 Resp: 21850

Ion Ratio Lower Upper

94 100

96 90.2 72.9 109.3



#6

Chloroethane

Concen: 16.203 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012537.D

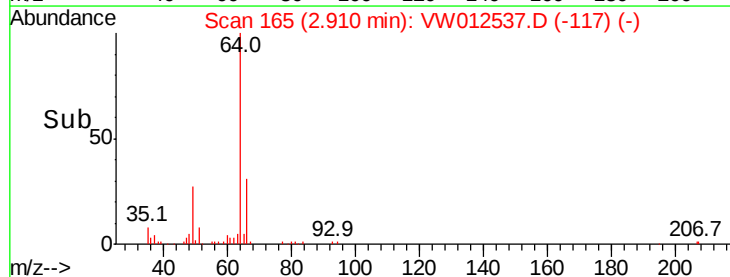
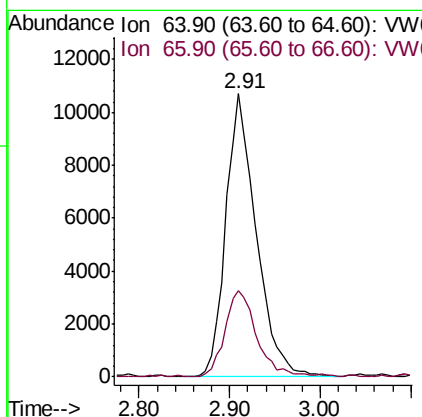
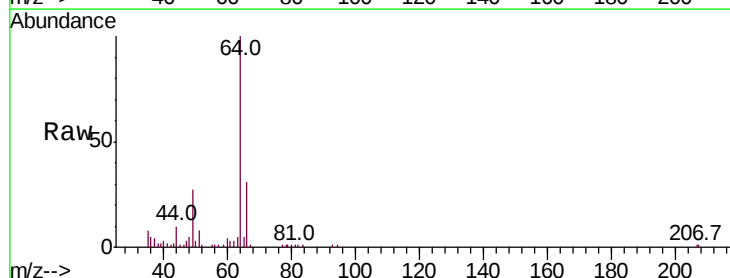
Acq: 03 Sep 2019 10:19

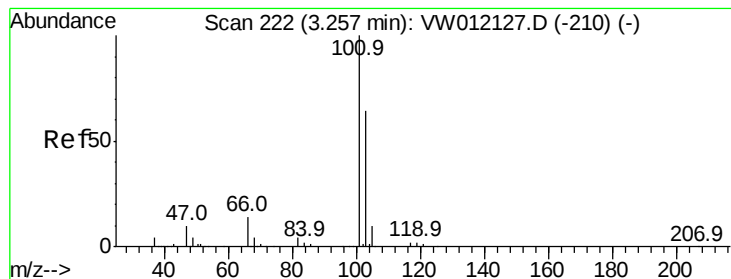
Tgt Ion: 64 Resp: 24945

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



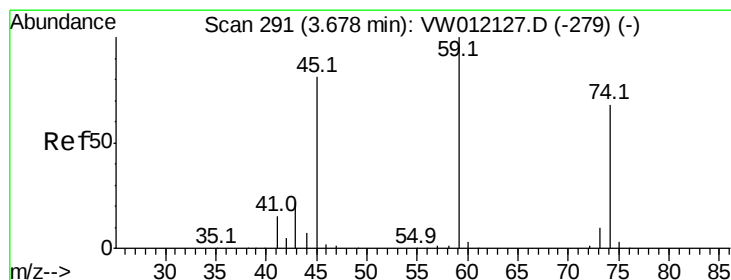
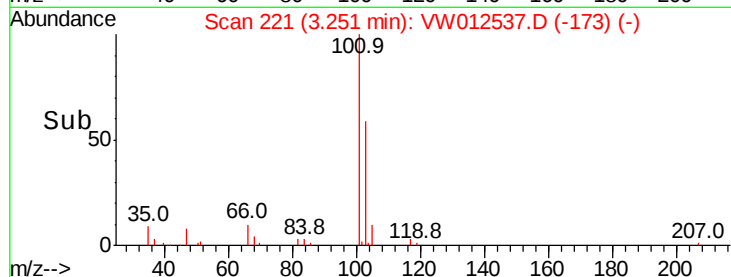
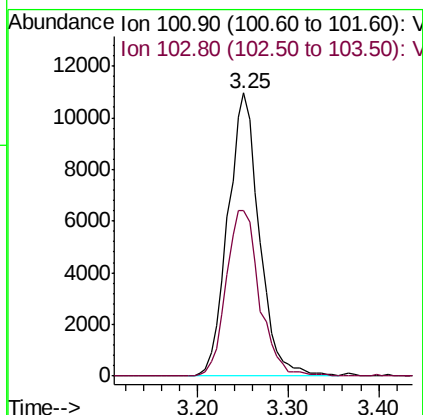
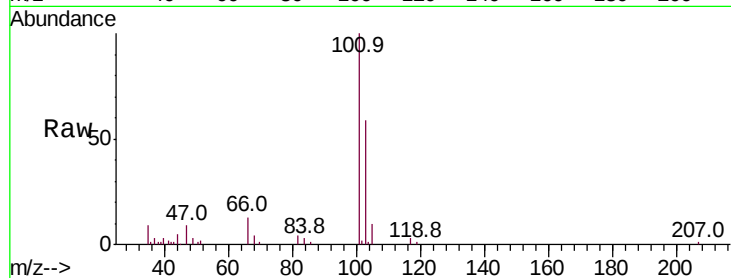


#7

Trichlorofluoromethane
Concen: 19.240 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampled :

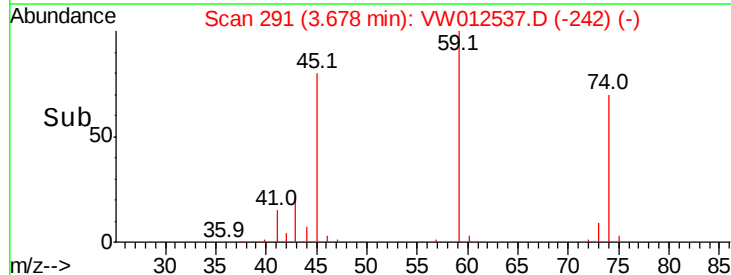
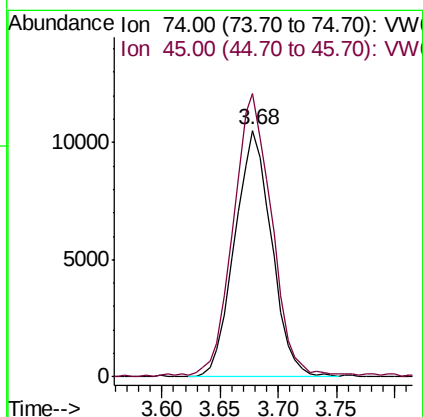
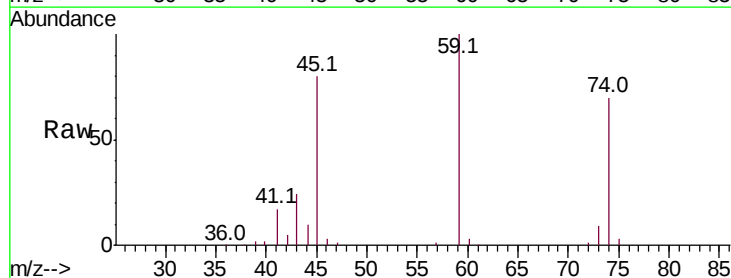
Tot Ion:101 Resp: 26366
Ion Ratio Lower Upper
101 100
103 58.6 51.2 76.8

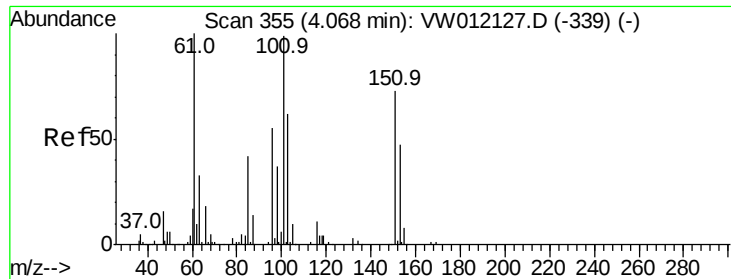


#8

Diethyl Ether
Concen: 17.832 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 74 Resp: 23195
Ion Ratio Lower Upper
74 100
45 117.8 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.393 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

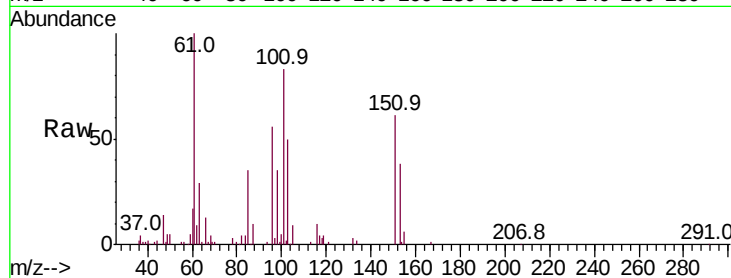
Tot Ion:101 Resp: 42843

Ion Ratio Lower Upper

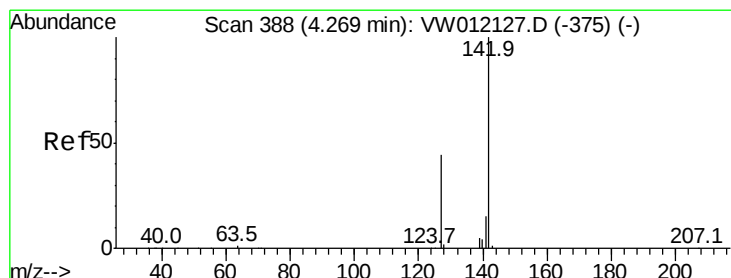
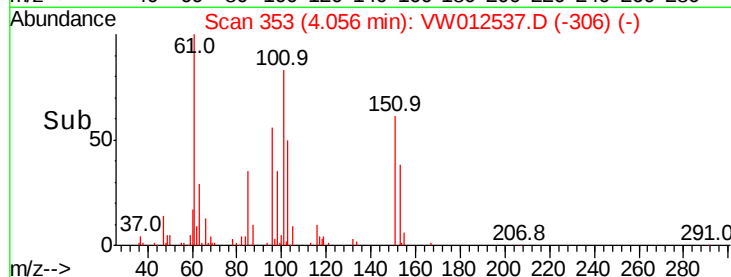
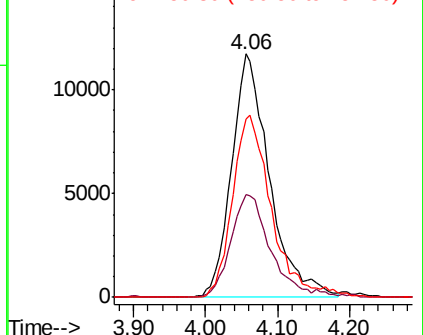
101 100

85 43.2 35.8 53.6

151 77.0 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: 17.746 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

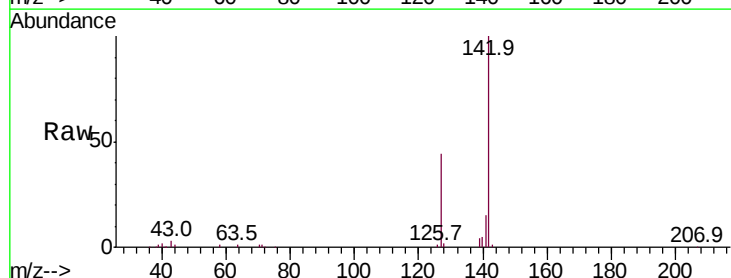
Tgt Ion:142 Resp: 55930

Ion Ratio Lower Upper

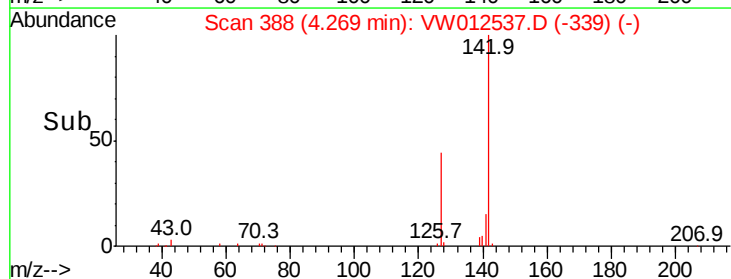
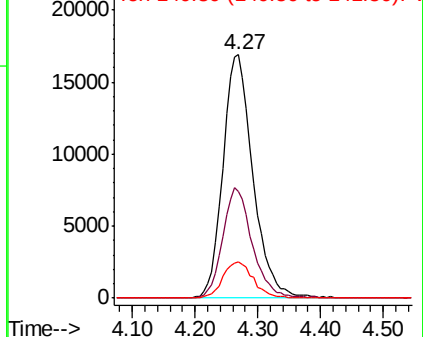
142 100

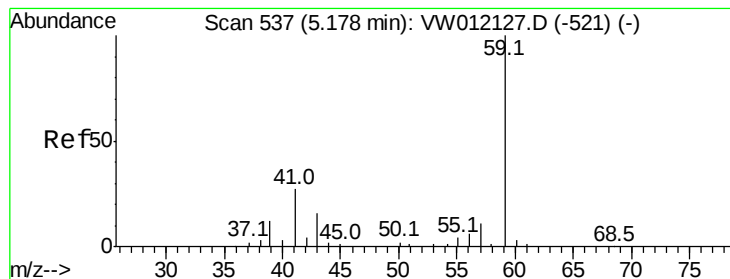
127 44.7 35.5 53.3

141 15.0 11.8 17.8



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



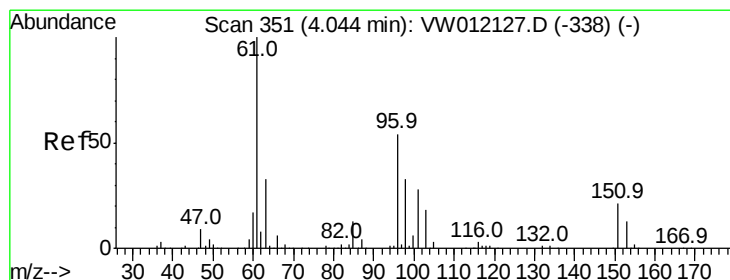
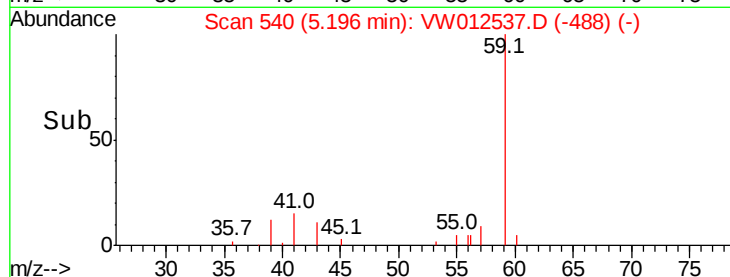
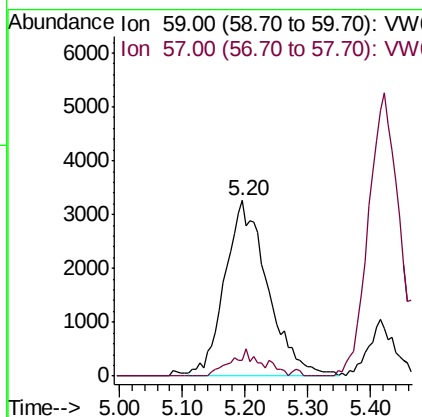
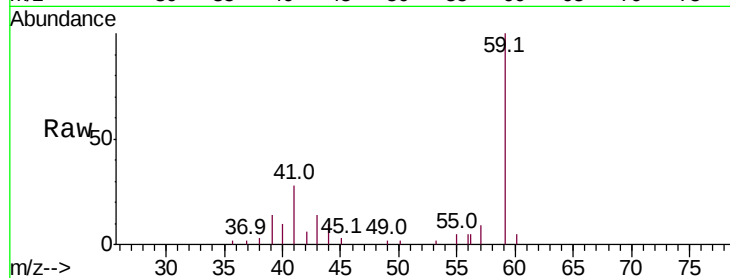


#11

Tert butyl alcohol
 Concen: 92.223 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Instrument :
 MSVOA_W
 ClientSampled :

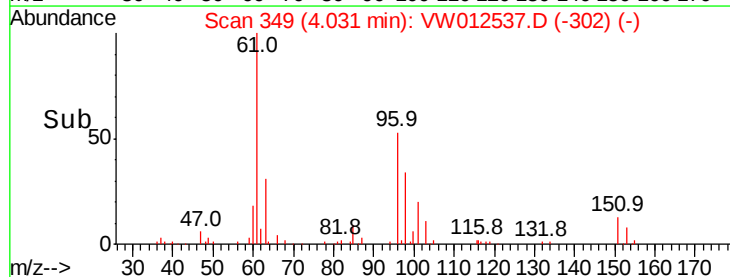
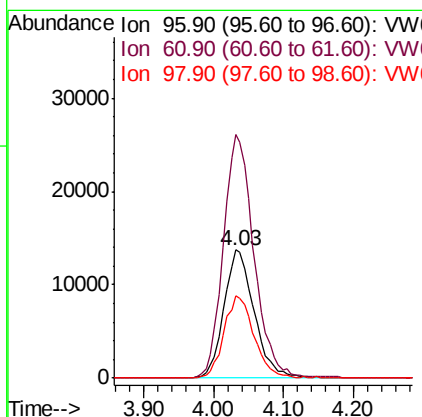
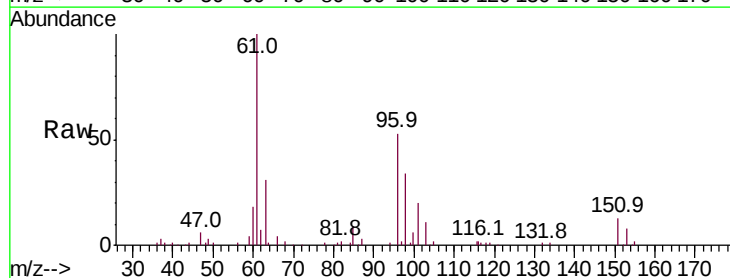
Tot Ion: 59 Resp: 15421
 Ion Ratio Lower Upper
 59 100
 57 8.9 9.0 13.4#

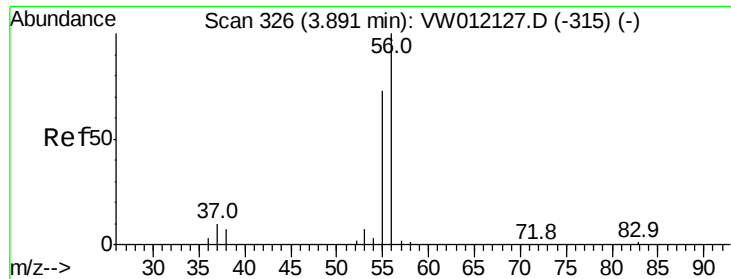


#12

1,1-Dichloroethene
 Concen: 17.604 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion: 96 Resp: 41272
 Ion Ratio Lower Upper
 96 100
 61 190.2 149.1 223.7
 98 64.0 49.4 74.2





#13

Acrolein

Concen: 65.533 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

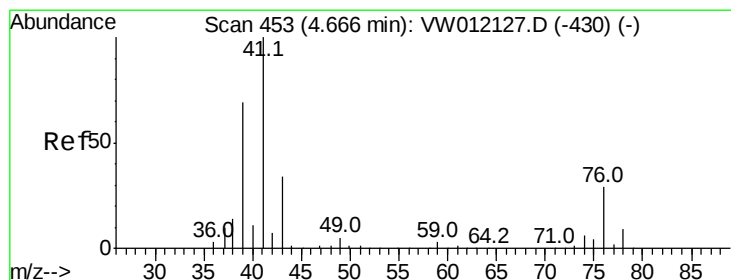
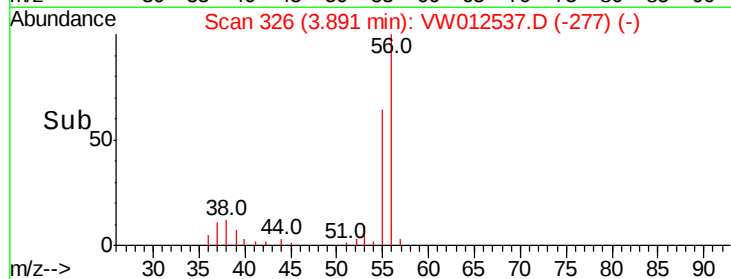
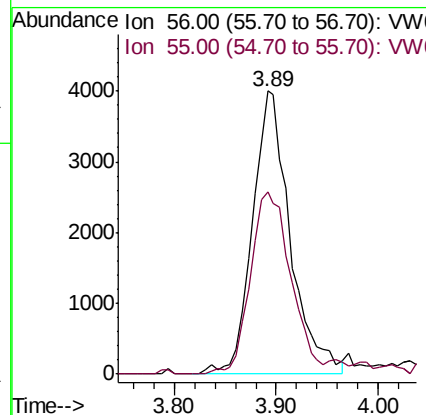
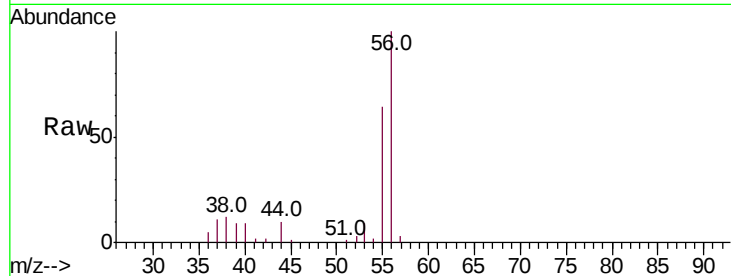
ClientSampled :

Tot Ion: 56 Resp: 10315

Ion Ratio Lower Upper

56 100

55 68.6 55.8 83.8



#14

Allyl chloride

Concen: 17.992 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

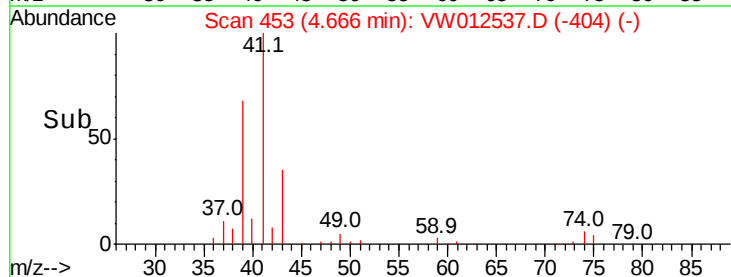
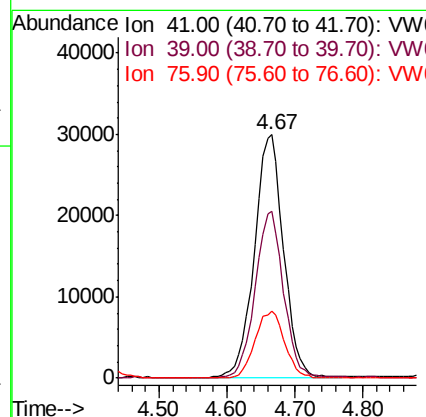
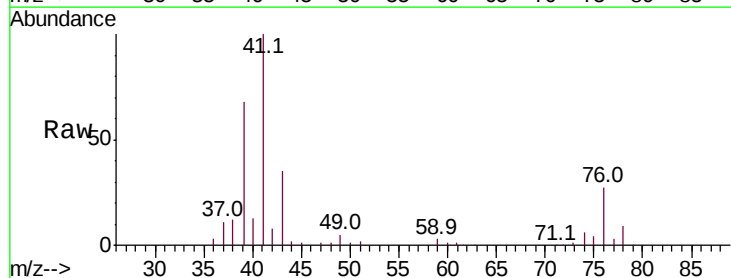
Tgt Ion: 41 Resp: 90181

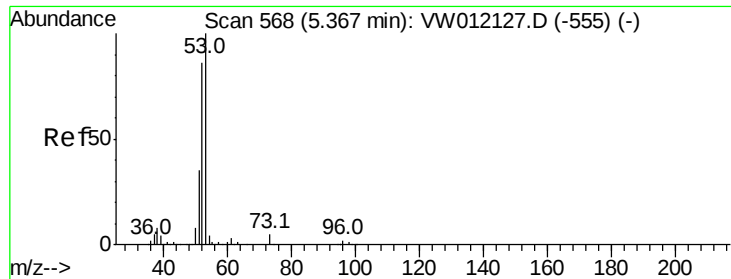
Ion Ratio Lower Upper

41 100

39 66.6 53.4 80.2

76 27.8 22.1 33.1





#15

Acrylonitrile

Concen: 90.892 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

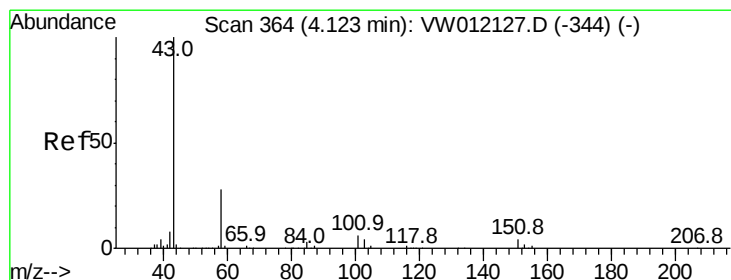
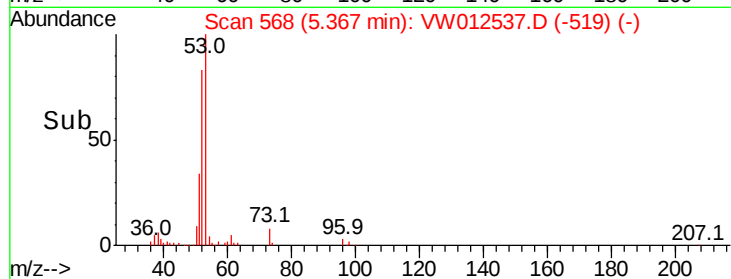
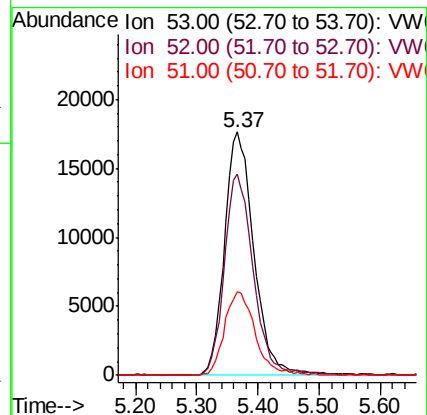
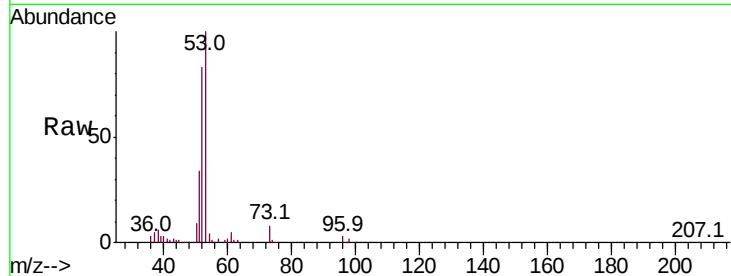
Tot Ion: 53 Resp: 58601

Ion Ratio Lower Upper

53 100

52 81.2 66.7 100.1

51 35.9 30.1 45.1



#16

Acetone

Concen: 83.685 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012537.D

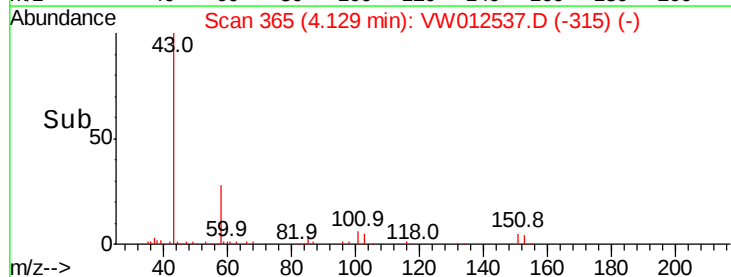
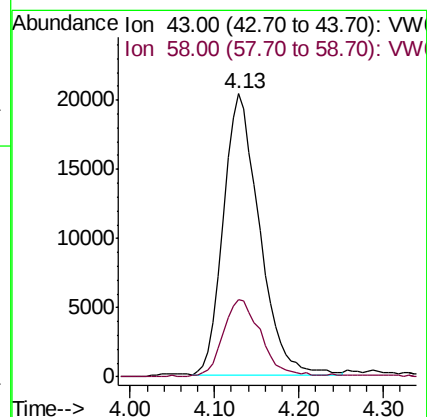
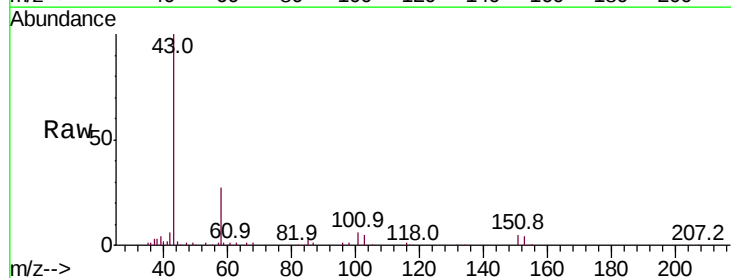
Acq: 03 Sep 2019 10:19

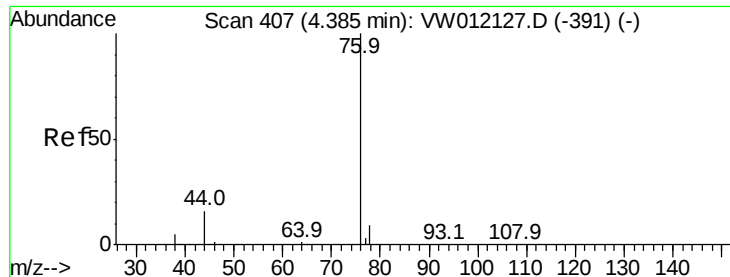
Tgt Ion: 43 Resp: 59439

Ion Ratio Lower Upper

43 100

58 27.1 22.4 33.6

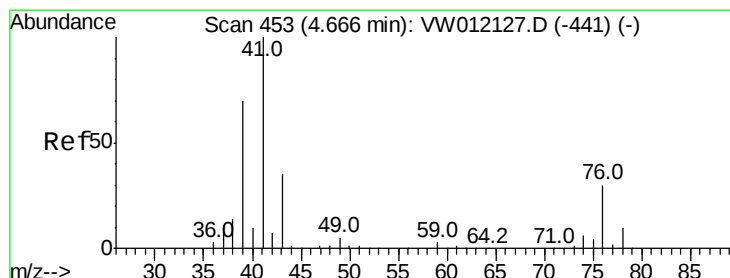
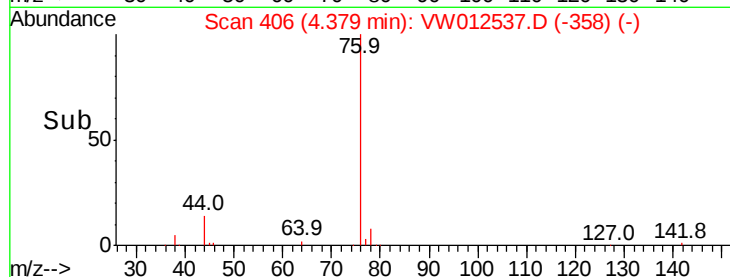
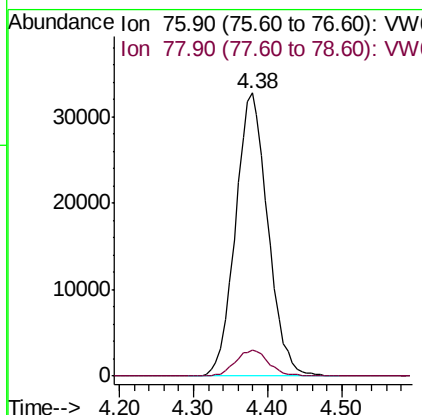
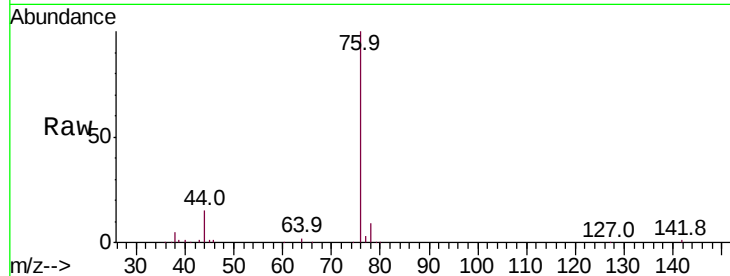




#17
Carbon Disulfide
Concen: 14.049 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

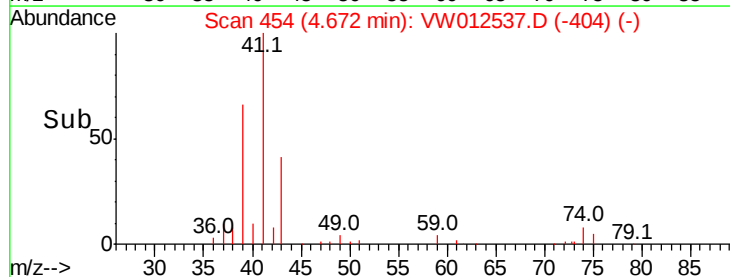
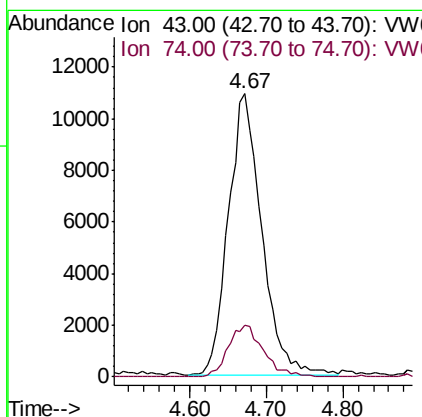
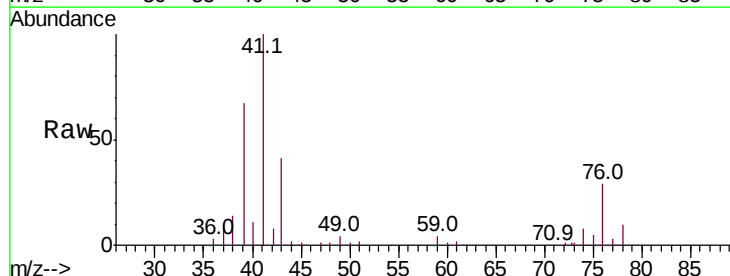
Instrument :
MSVOA_W
ClientSampleId :

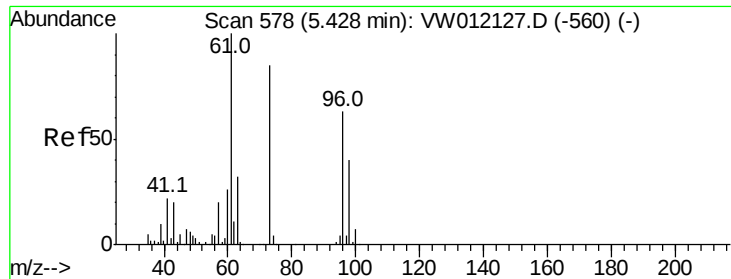
Tot Ion: 76 Resp: 99546
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 18.695 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 43 Resp: 32889
Ion Ratio Lower Upper
43 100
74 19.3 15.7 23.5

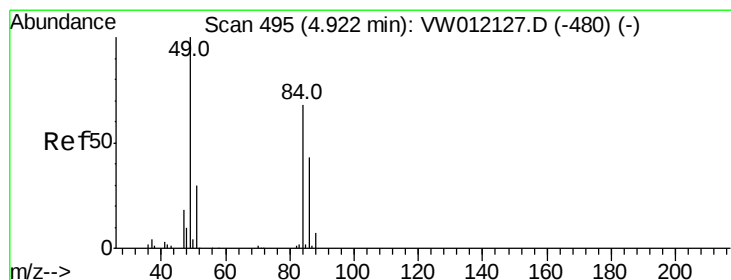
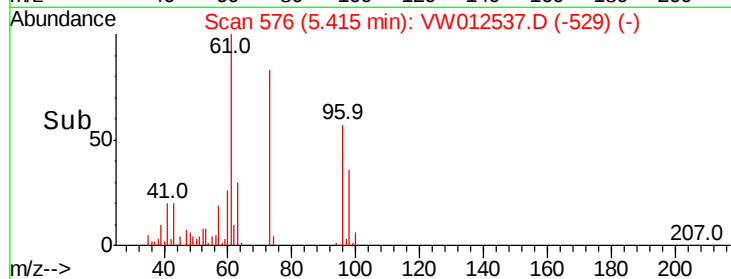
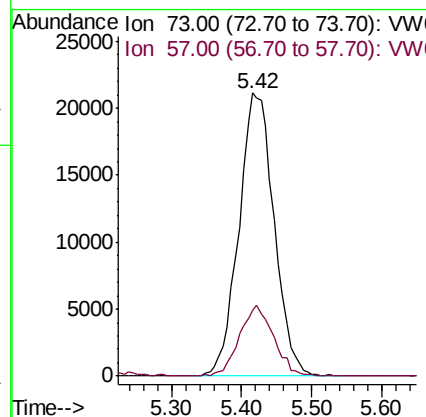
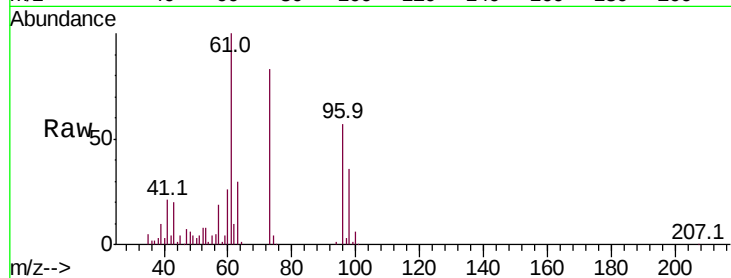




#19
Methvl tert-butvl Ether
Concen: 19.495 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

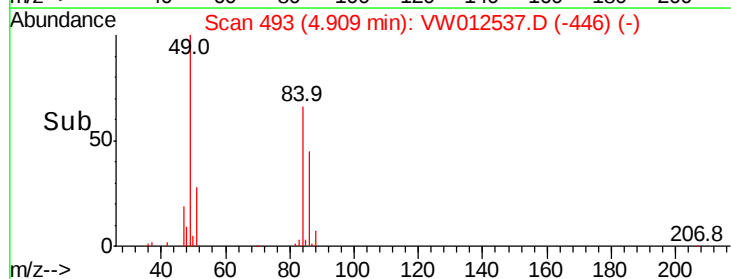
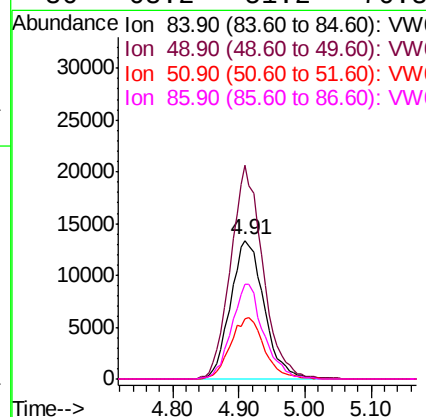
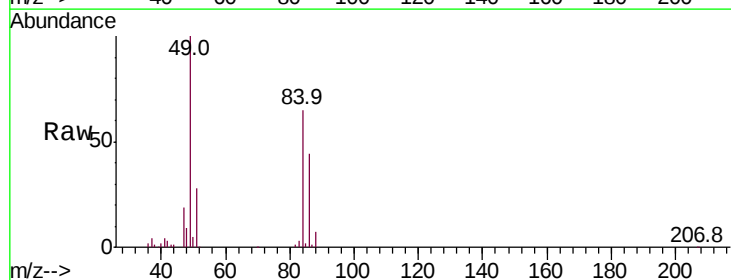
Instrument :
MSVOA_W
ClientSampleId :

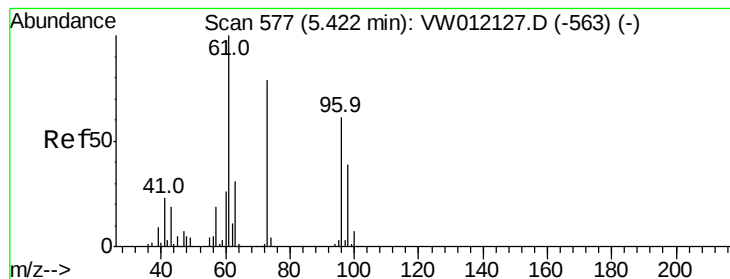
Tot Ion: 73 Resp: 73914
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3



#20
Methylene Chloride
Concen: 17.518 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 84 Resp: 47038
Ion Ratio Lower Upper
84 100
49 153.8 117.8 176.8
51 43.1 35.6 53.4
86 68.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 17.730 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampled :

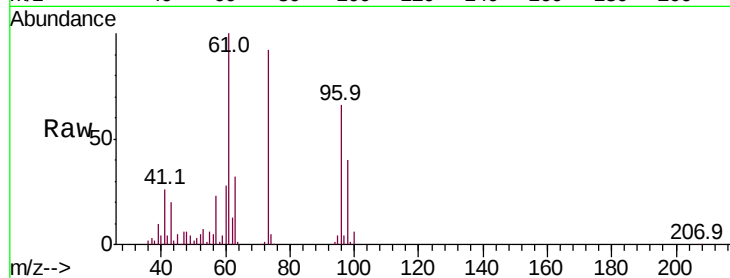
Tot Ion: 96 Resp: 44575

Ion Ratio Lower Upper

96 100

61 152.6 131.4 197.0

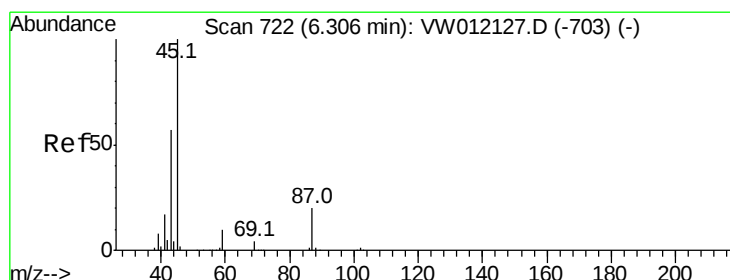
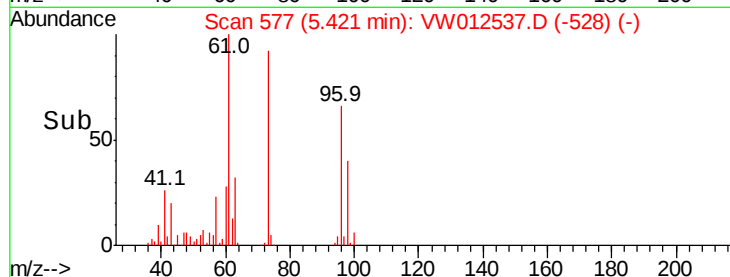
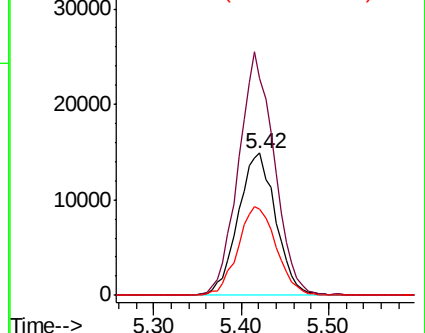
98 61.1 51.4 77.0



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: 18.747 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Tgt Ion: 45 Resp: 174168

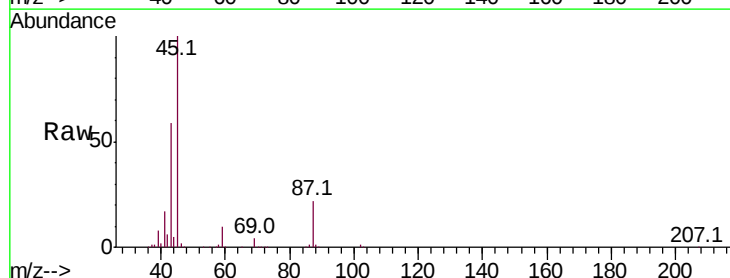
Ion Ratio Lower Upper

45 100

43 58.9 45.5 68.3

87 21.6 16.1 24.1

59 10.2 8.2 12.2

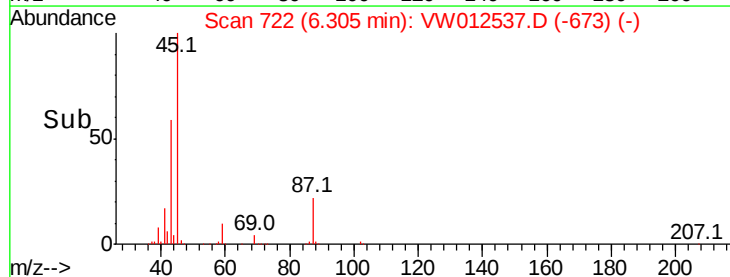
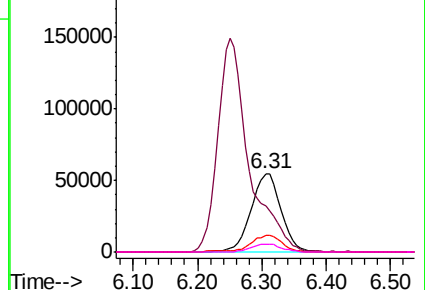


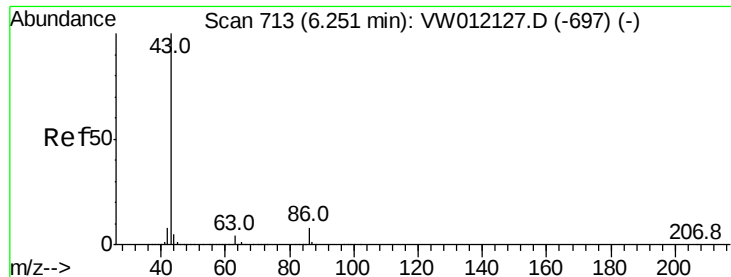
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 88.302 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

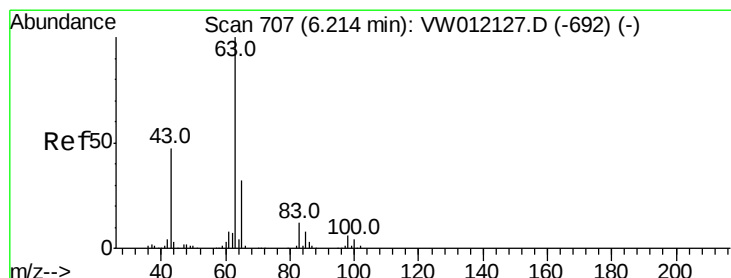
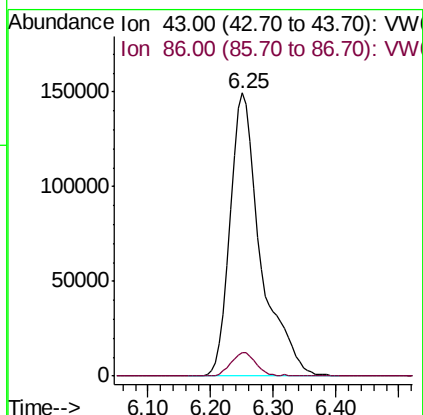
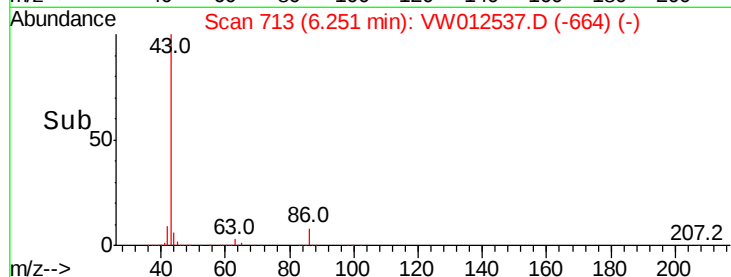
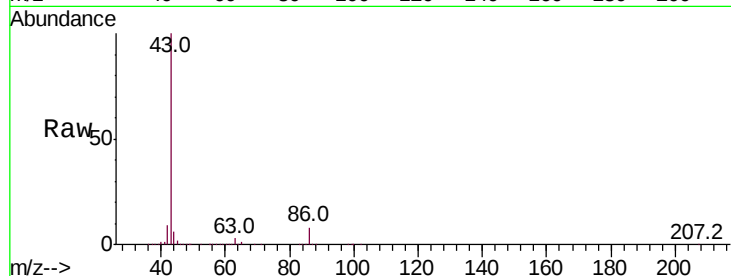
ClientSampleId :

Tot Ion: 43 Resp: 504880

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.520 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

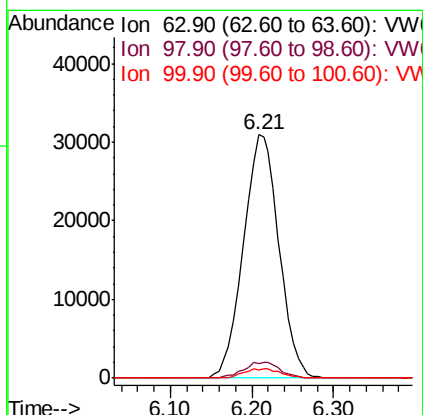
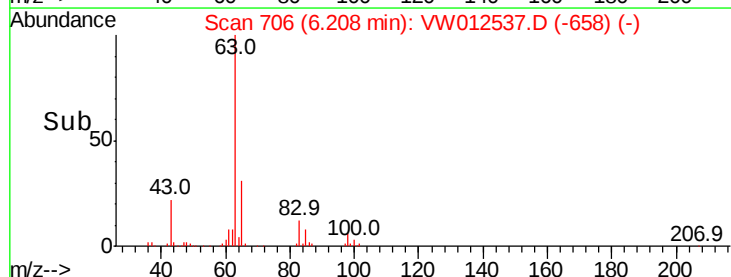
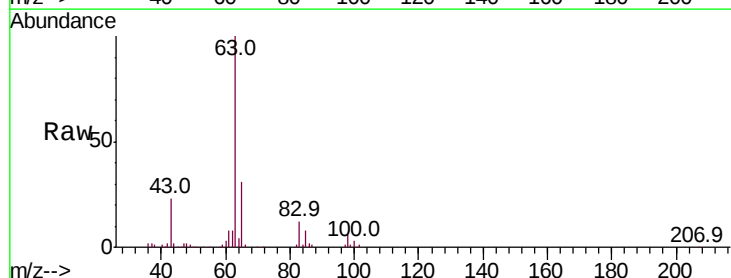
Tgt Ion: 63 Resp: 93686

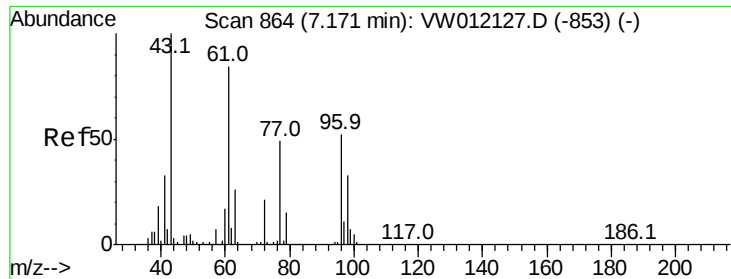
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.3 2.0 6.0

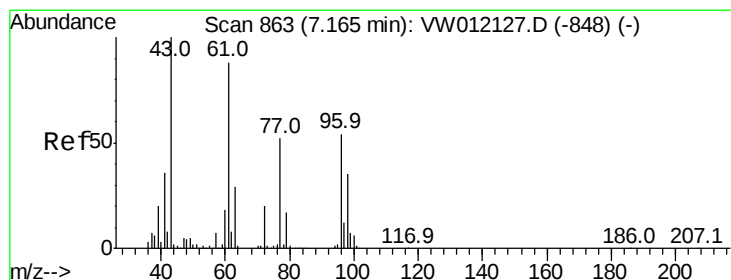
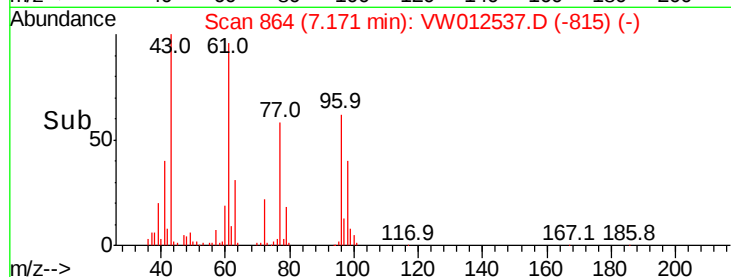
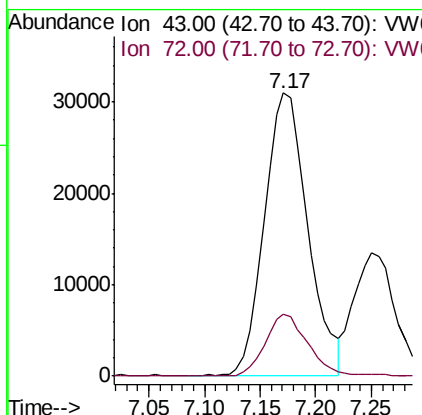
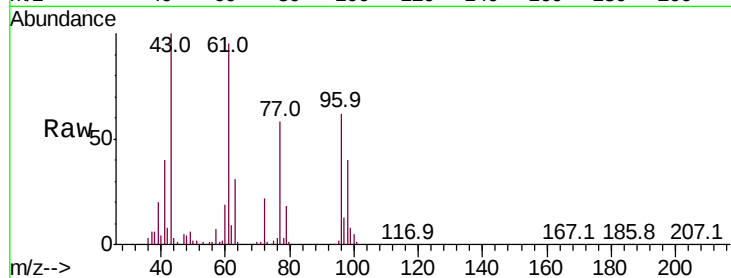




#25
2-Butanone
Concen: 87.542 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

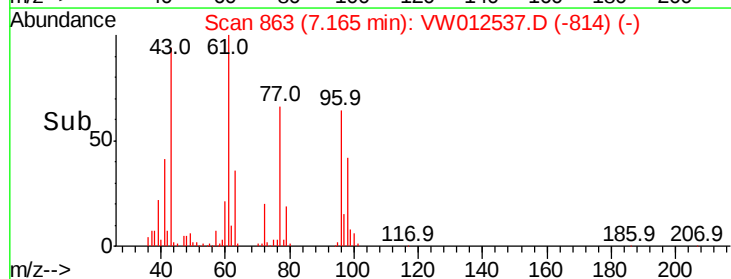
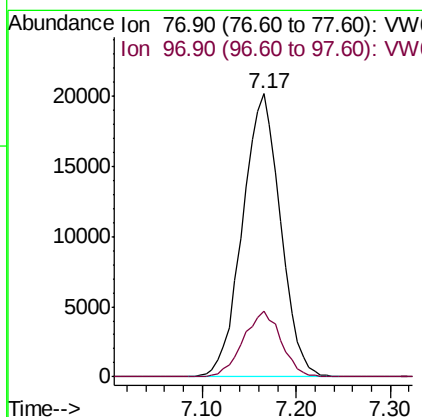
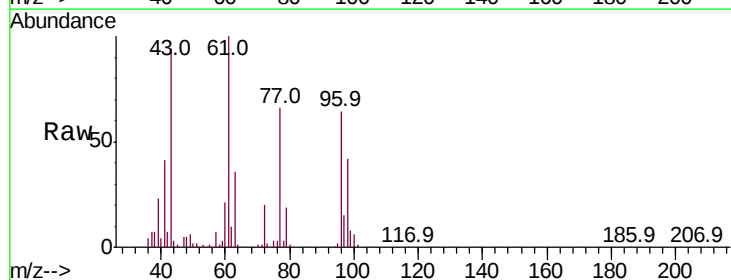
Instrument :
MSVOA_W
ClientSampled :

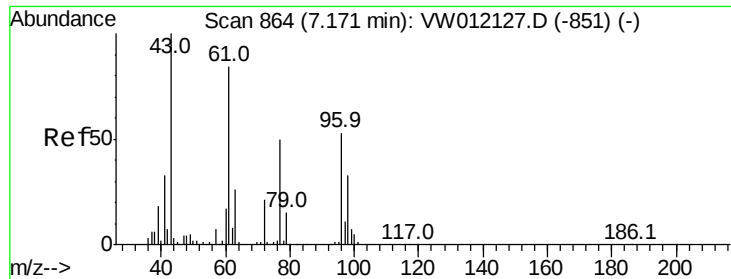
Tot Ion: 43 Resp: 84493
Ion Ratio Lower Upper
43 100
72 22.0 16.6 24.8



#26
2,2-Dichloropropane
Concen: 19.792 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 77 Resp: 56670
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.1



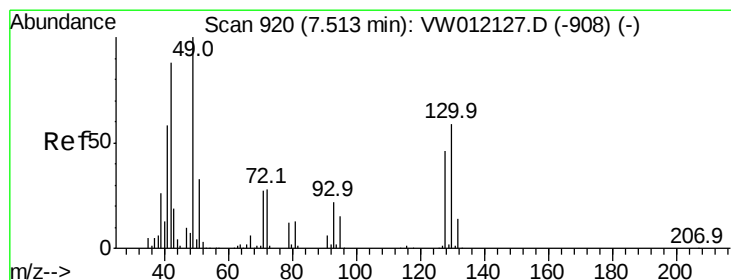
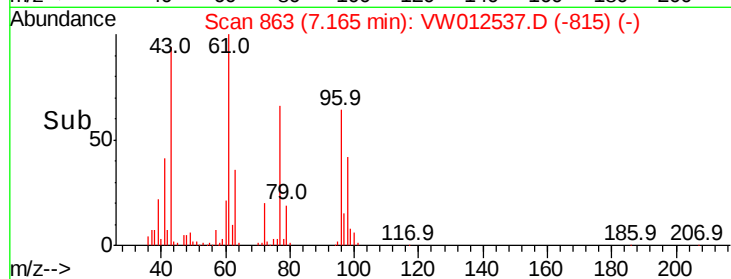
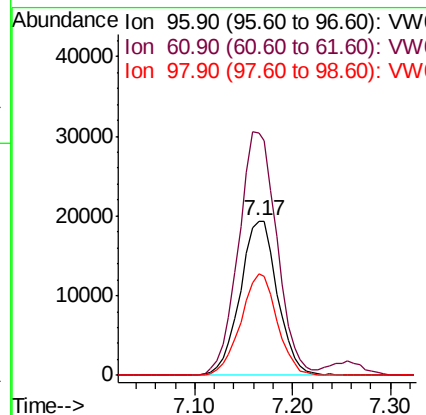
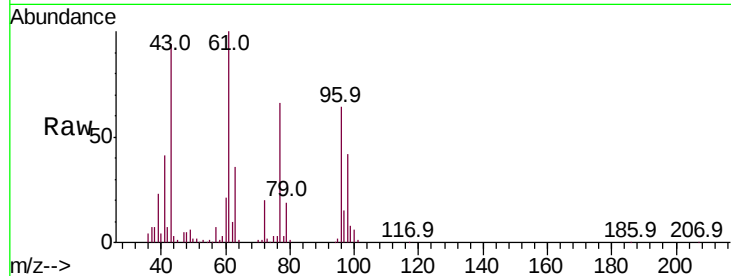


#27

cis-1,2-Dichloroethene
Concen: 19.078 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampled :

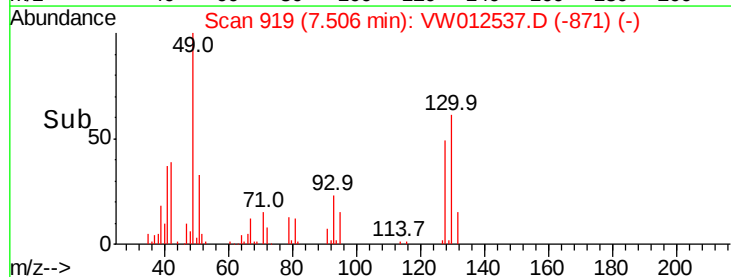
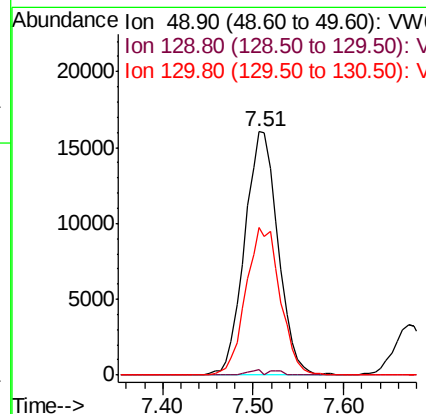
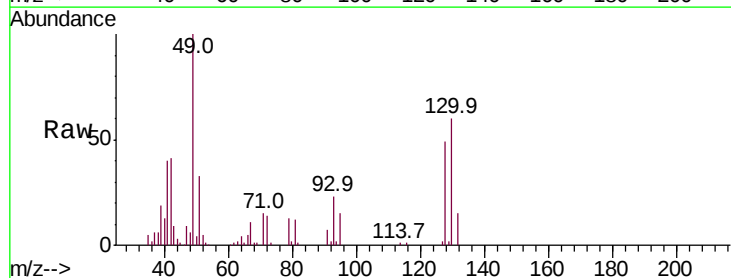
Tot Ion: 96 Resp: 51246
Ion Ratio Lower Upper
96 100
61 161.8 0.0 326.6
98 64.1 0.0 127.4

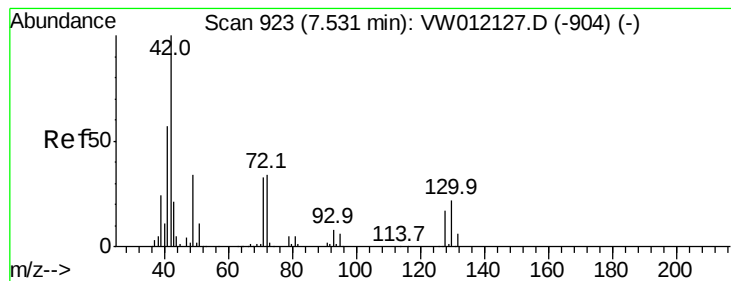


#28

Bromochloromethane
Concen: 18.498 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 49 Resp: 40784
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.4
130 62.3 45.5 68.3





#29

Tetrahydrofuran

Concen: 85.751 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampleId :

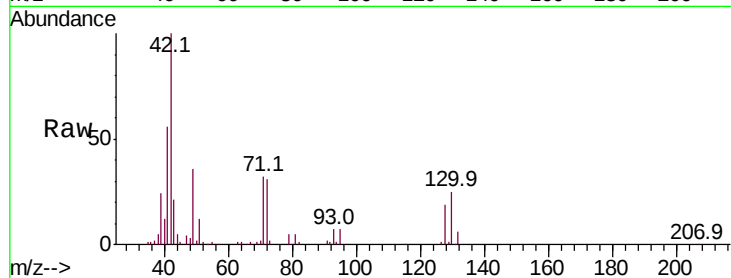
Tot Ion: 42 Resp: 49655

Ion Ratio Lower Upper

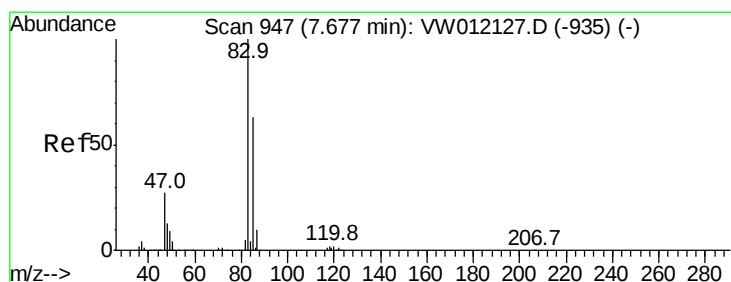
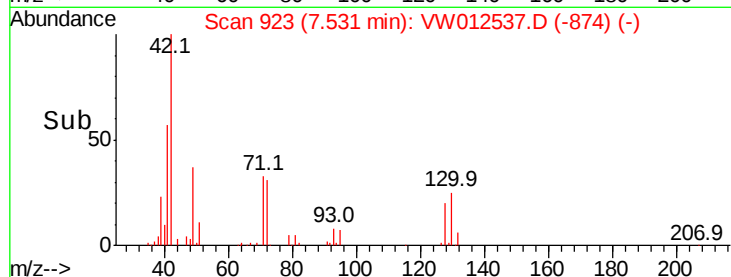
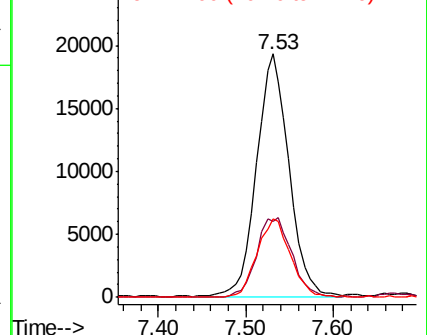
42 100

72 35.7 27.3 40.9

71 33.6 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: 19.377 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012537.D

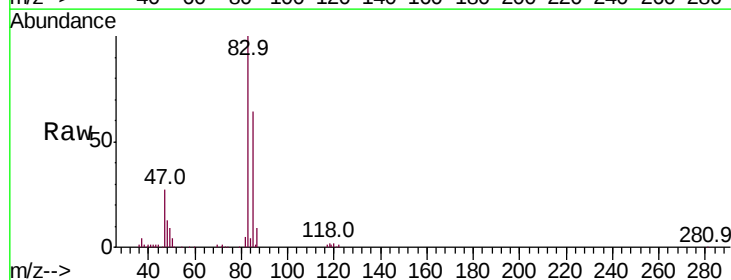
Acq: 03 Sep 2019 10:19

Tgt Ion: 83 Resp: 89680

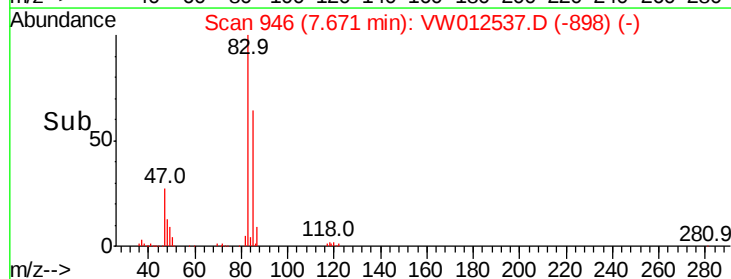
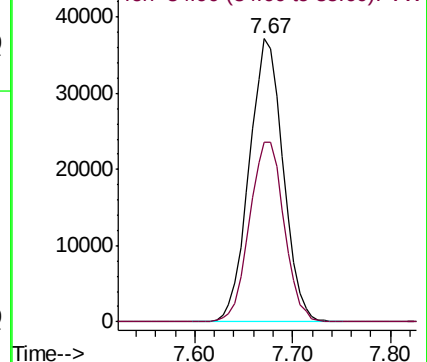
Ion Ratio Lower Upper

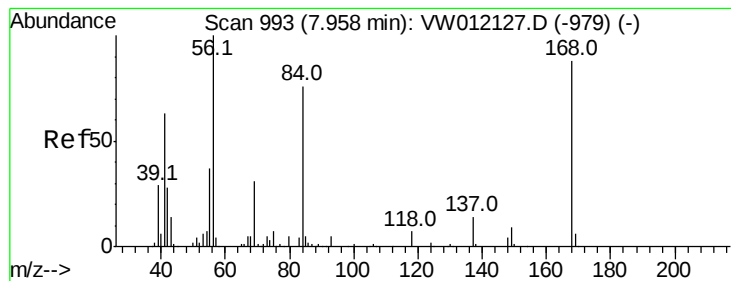
83 100

85 63.7 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: 16.833 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampled :

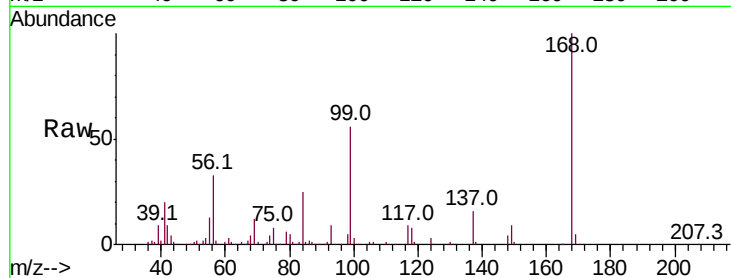
Tot Ion: 56 Resp: 84247

Ion Ratio Lower Upper

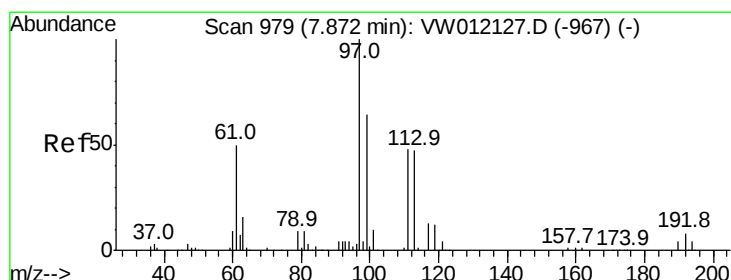
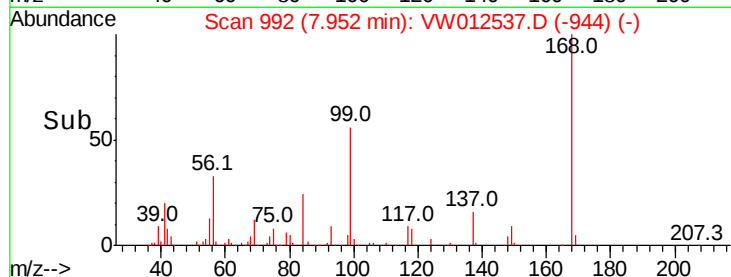
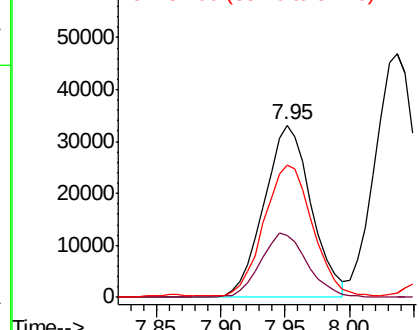
56 100

69 35.4 24.9 37.3

84 75.5 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: 19.432 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

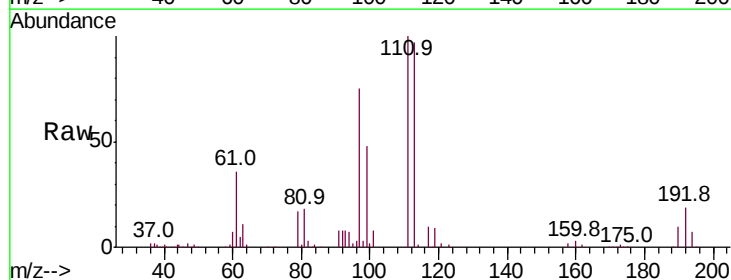
Tgt Ion: 97 Resp: 71143

Ion Ratio Lower Upper

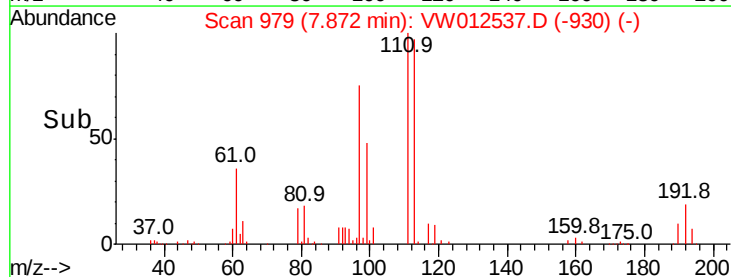
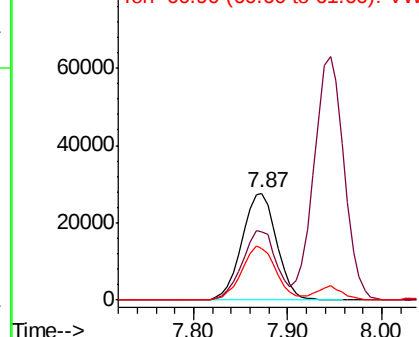
97 100

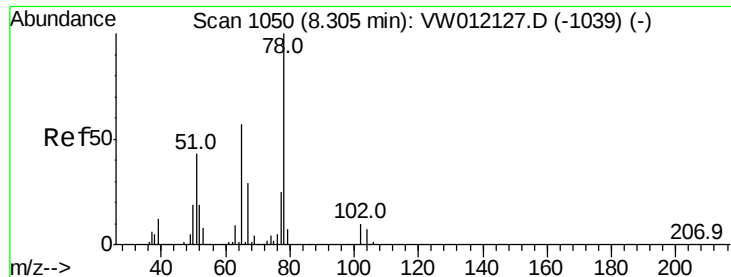
99 63.8 51.4 77.0

61 49.6 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

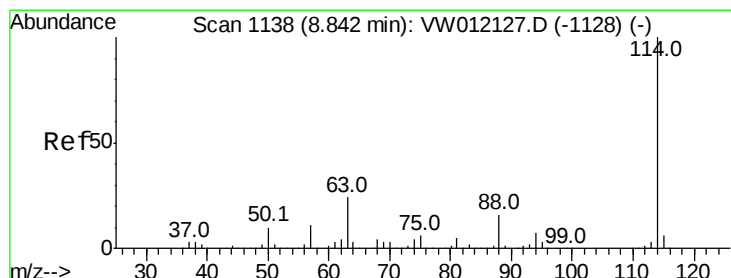
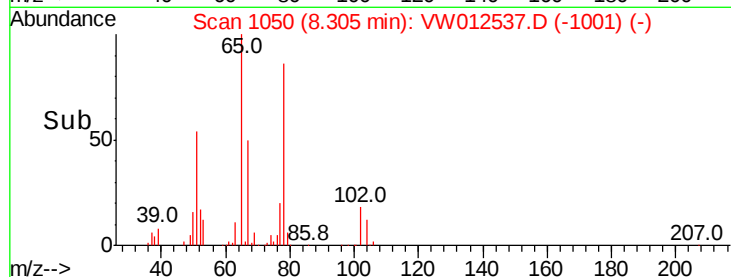
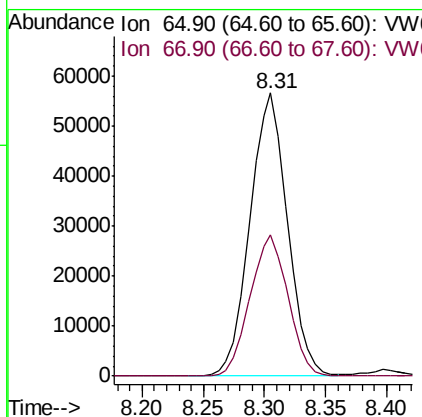
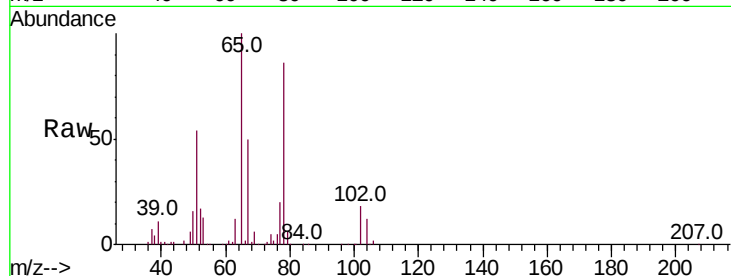




#33
 1,2-Dichloroethane-d4
 Concen: 43.478 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

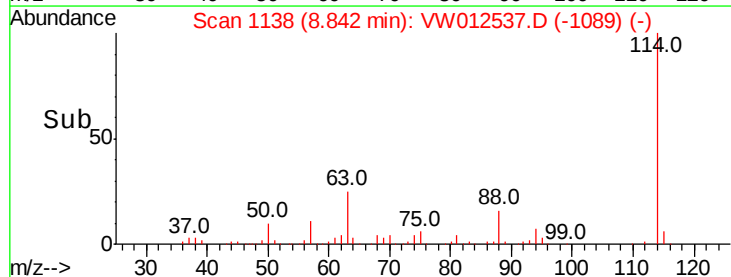
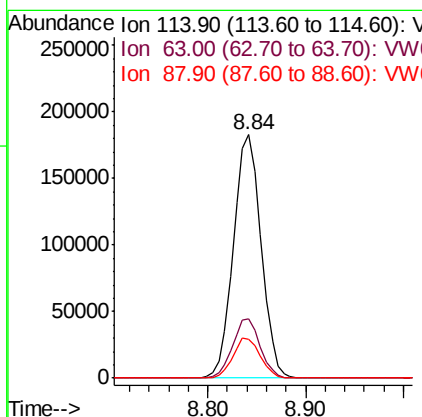
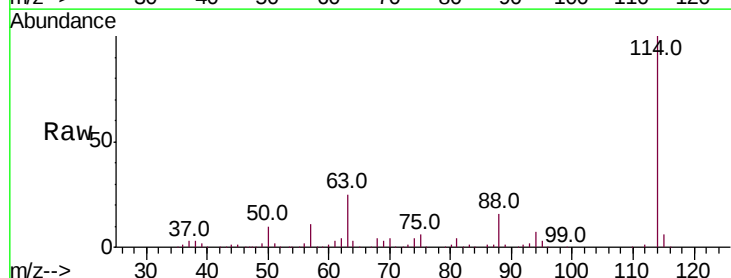
Instrument :
 MSVOA_W
 ClientSampled :

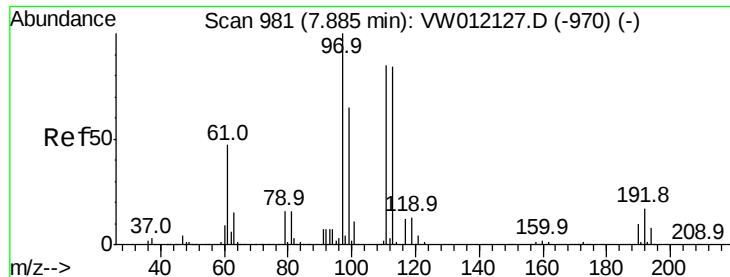
Tot Ion: 65 Resp: 120807
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion: 114 Resp: 358884
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.204 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampled :

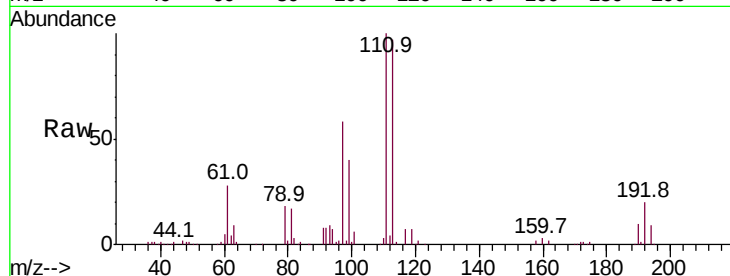
Tot Ion:113 Resp: 98977

Ion Ratio Lower Upper

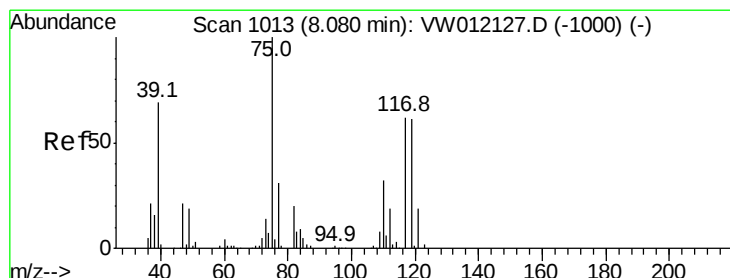
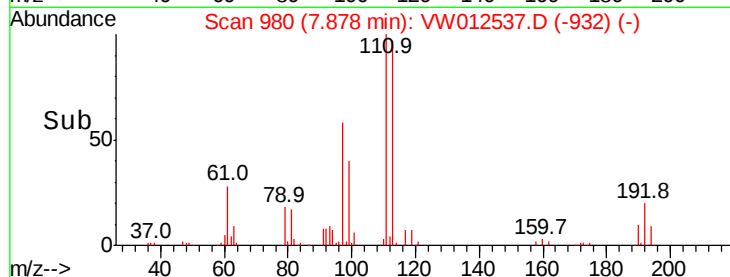
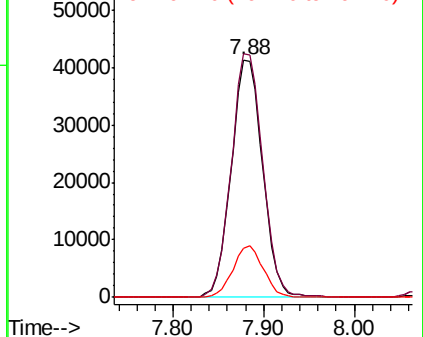
113 100

111 103.1 82.7 124.1

192 21.1 16.2 24.2



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



#36

1,1-Dichloropropene

Concen: 19.195 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

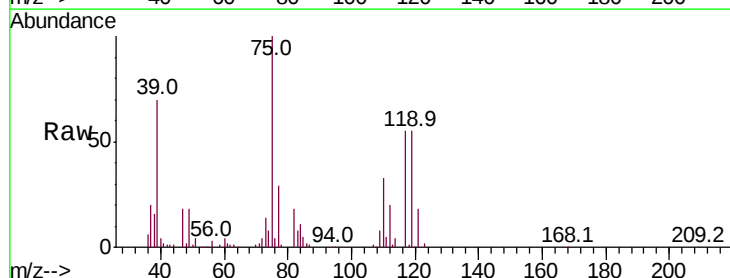
Tgt Ion: 75 Resp: 71188

Ion Ratio Lower Upper

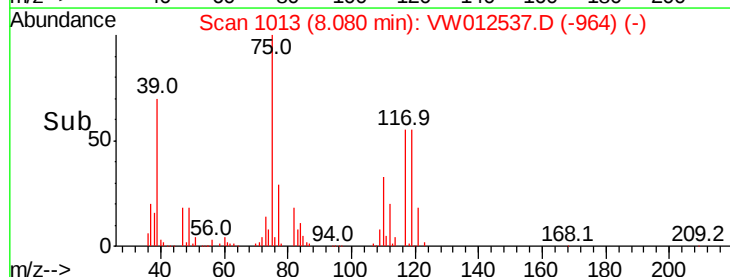
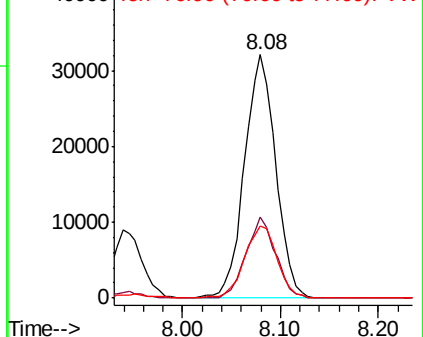
75 100

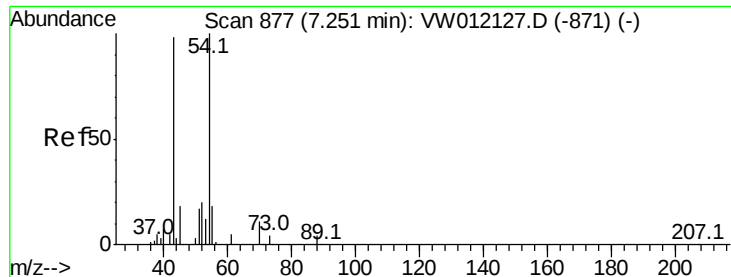
110 31.7 15.6 46.8

77 31.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

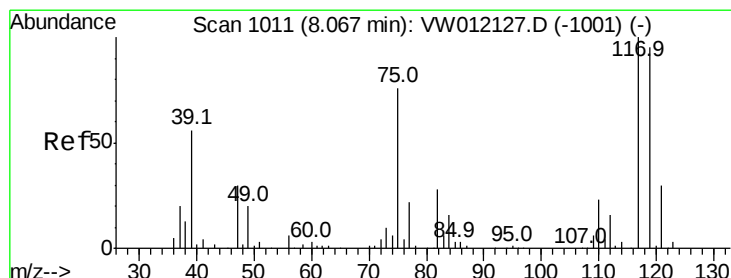
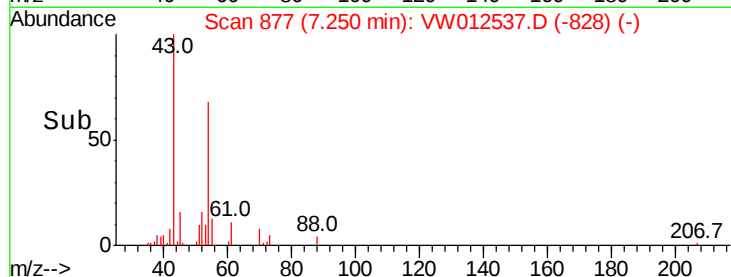
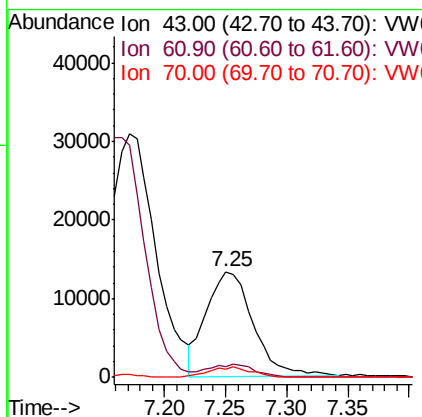
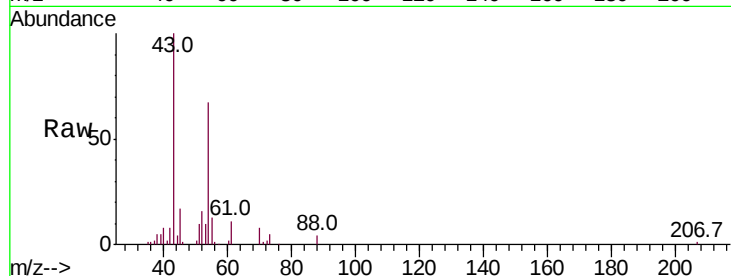




#37
Ethyl Acetate
Concen: 17.398 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

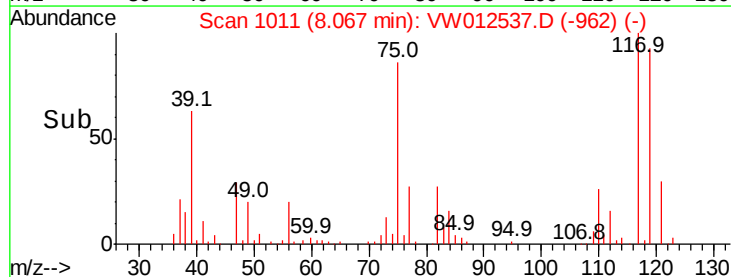
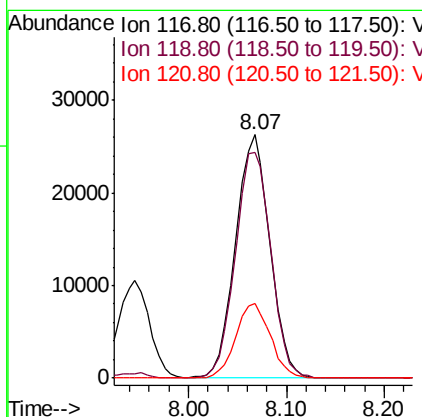
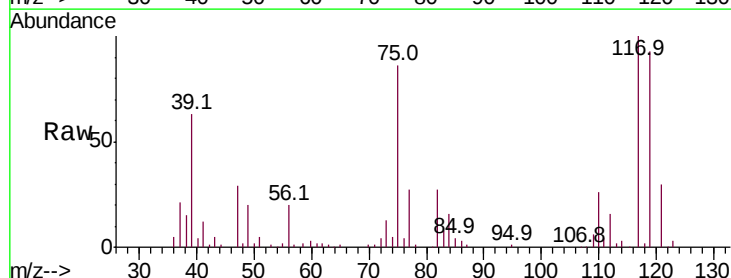
Instrument :
MSVOA_W
ClientSampled :

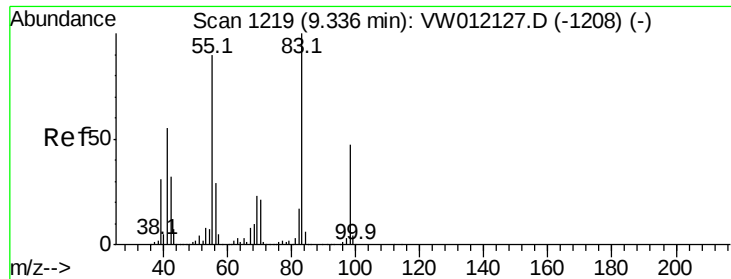
Tot Ion: 43 Resp: 35357
Ion Ratio Lower Upper
43 100
61 13.1 9.2 13.8
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.976 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 117 Resp: 64122
Ion Ratio Lower Upper
117 100
119 92.8 76.2 114.2
121 30.5 23.8 35.8

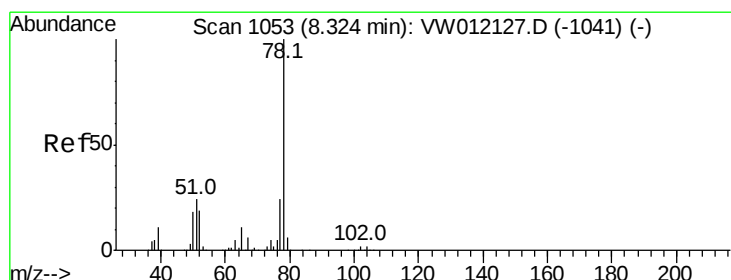
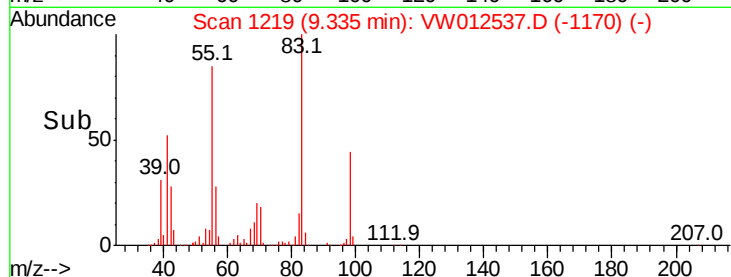
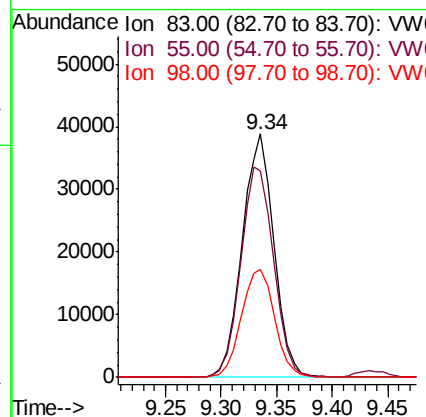
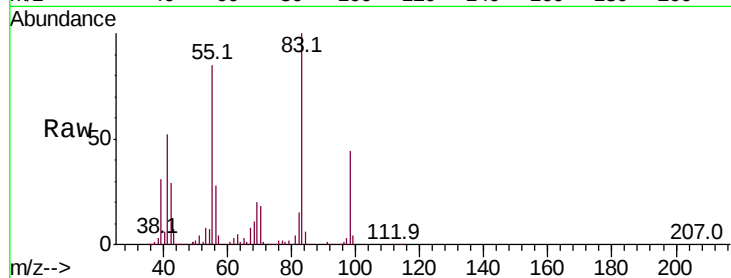




#39
Methvlcvclohexane
Concen: 18.383 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

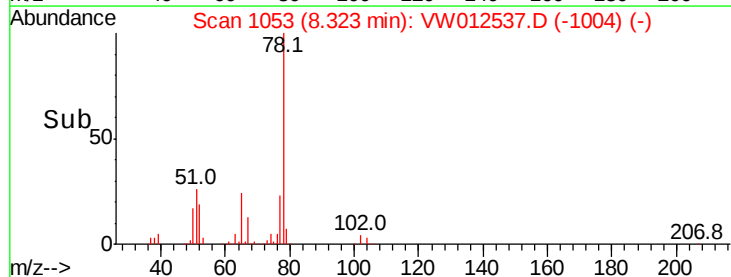
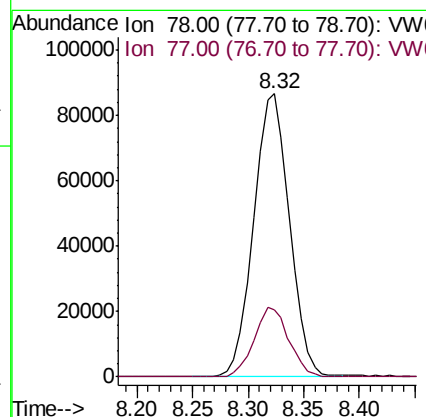
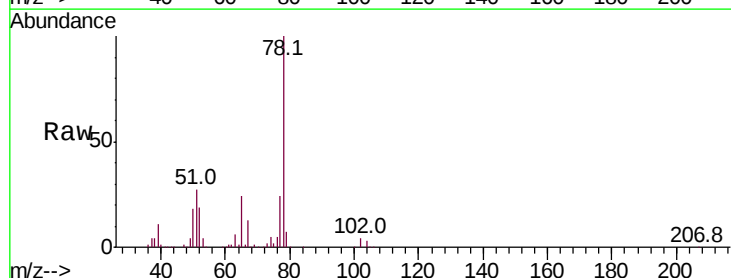
Instrument :
MSVOA_W
ClientSampled :

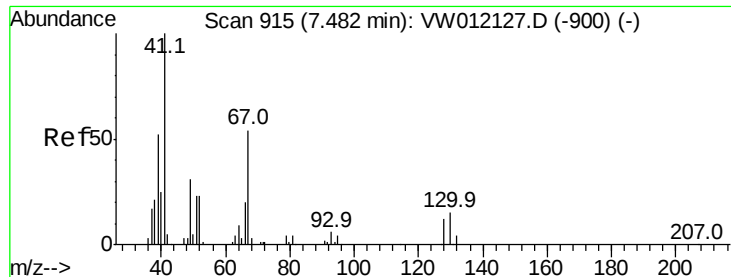
Tot Ion: 83 Resp: 76590
Ion Ratio Lower Upper
83 100
55 84.8 71.8 107.8
98 44.3 37.8 56.8



#40
Benzene
Concen: 19.173 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 78 Resp: 194161
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

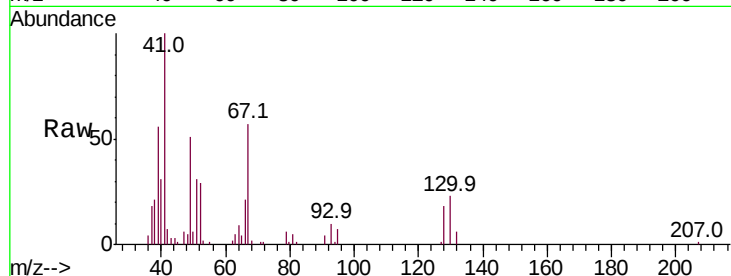




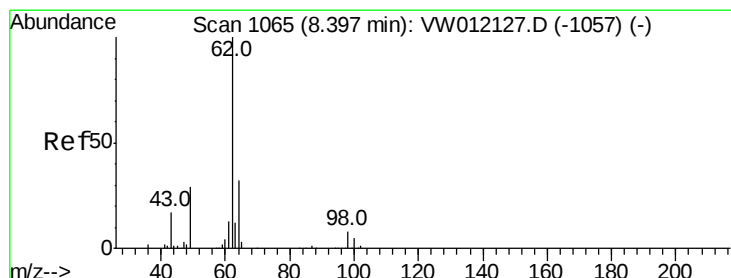
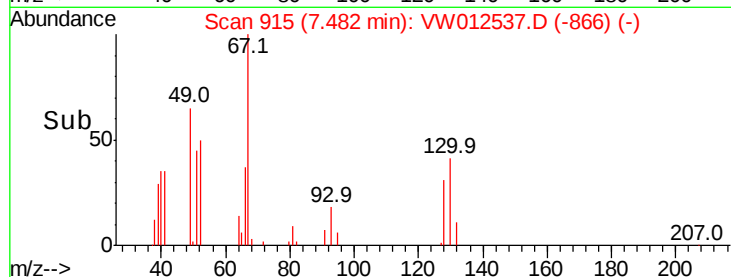
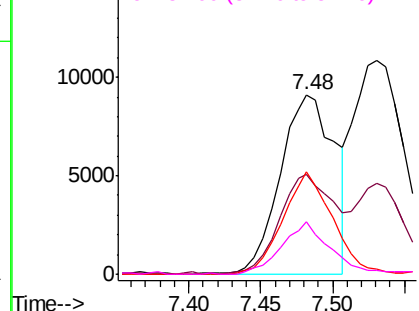
#41
Methacrylonitrile
Concen: 20.137 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	24053
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.8	68.8
67	52.2	46.2	69.4
52	26.6	21.0	31.6

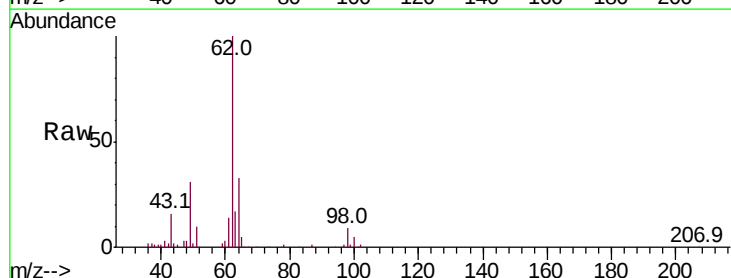


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

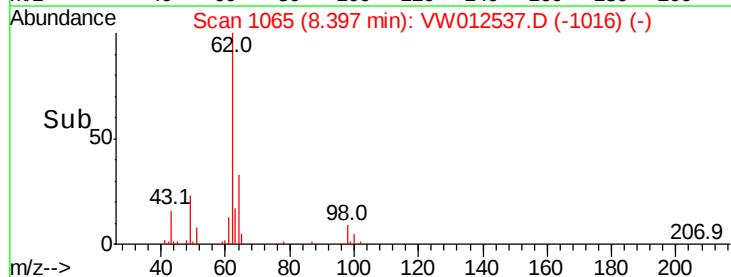
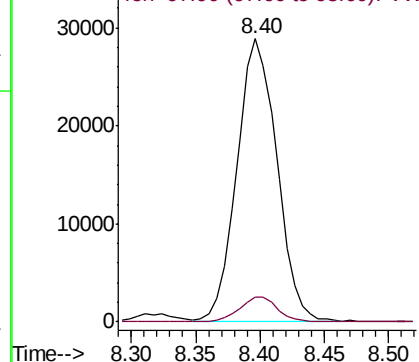


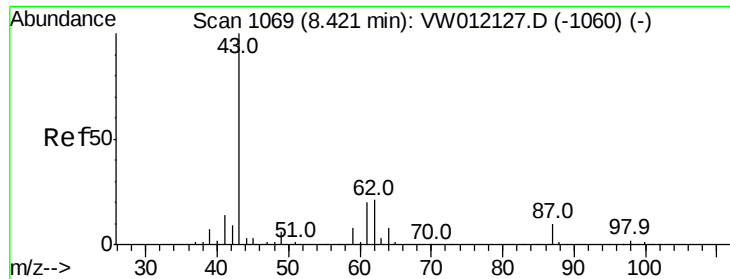
#42
1,2-Dichloroethane
Concen: 19.561 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:	62	Resp:	62082
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: 18.337 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampled :

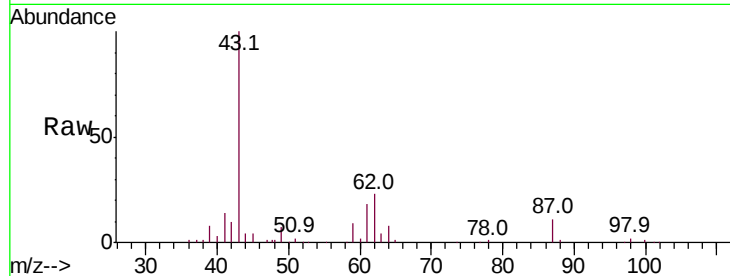
Tot Ion: 43 Resp: 69028

Ion Ratio Lower Upper

43 100

61 26.3 21.1 31.7

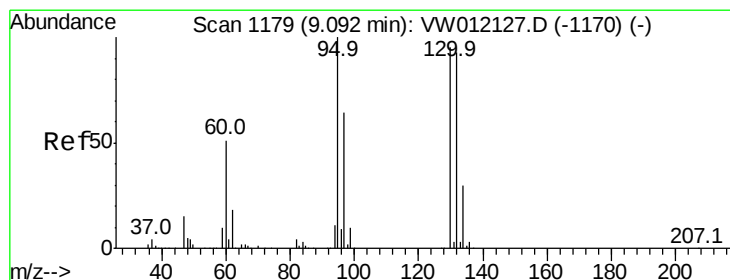
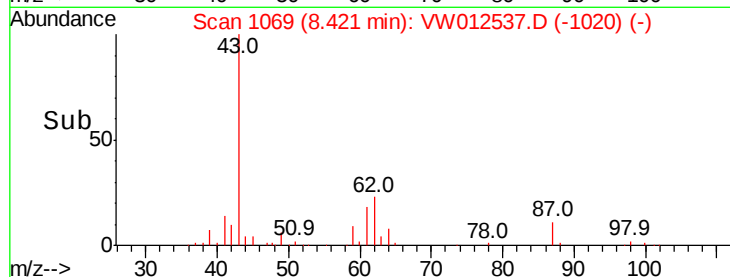
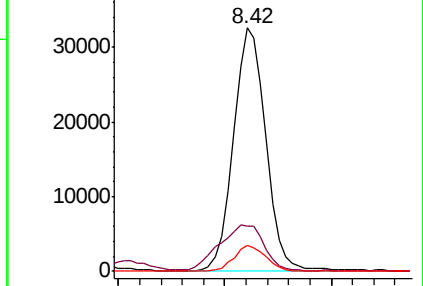
87 10.6 8.2 12.2



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: 19.740 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012537.D

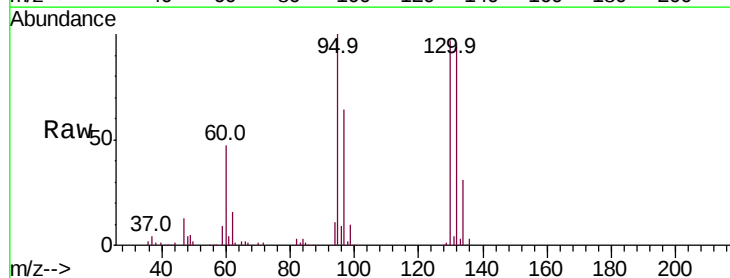
Acq: 03 Sep 2019 10:19

Tgt Ion:130 Resp: 48595

Ion Ratio Lower Upper

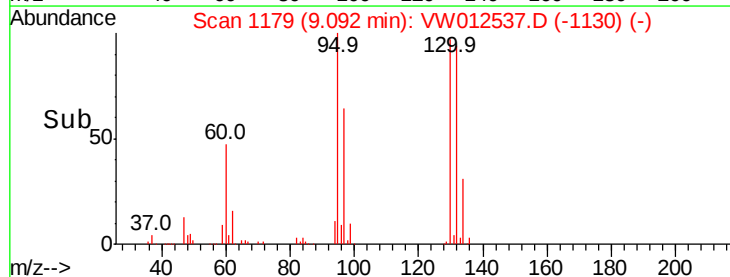
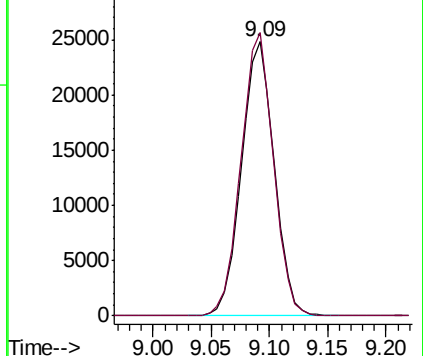
130 100

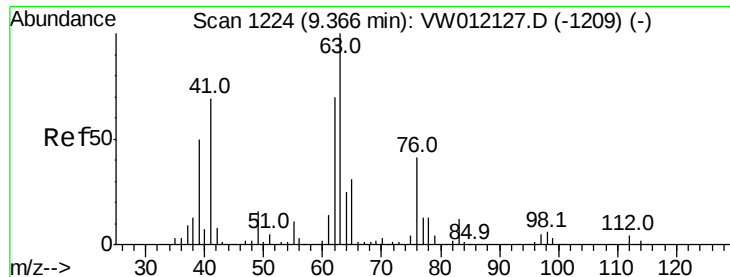
95 103.2 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

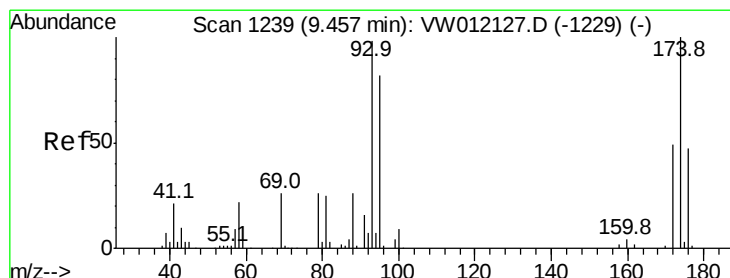
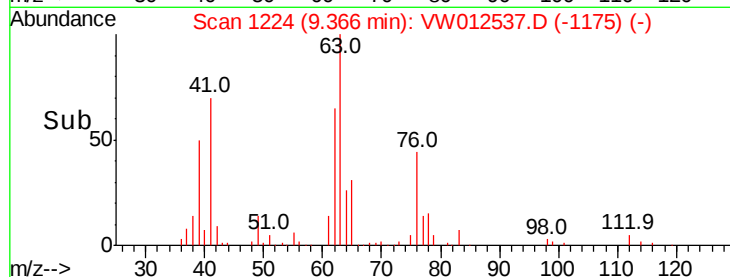
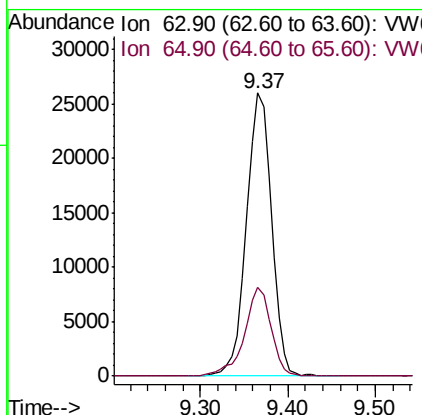
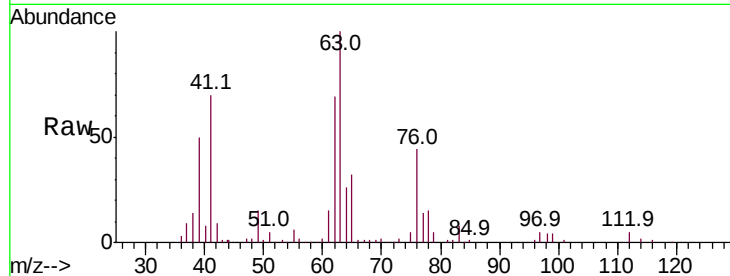




#45
1,2-Dichloropropane
Concen: 19.079 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

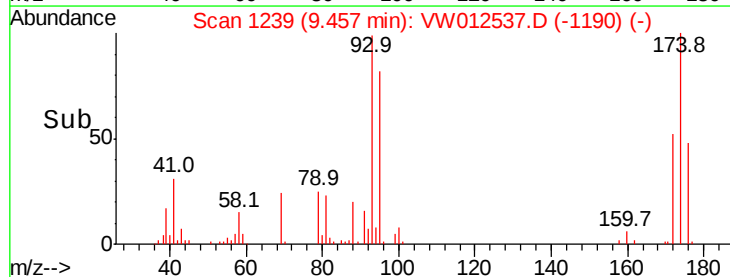
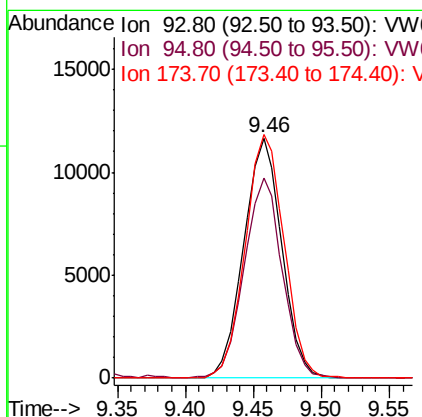
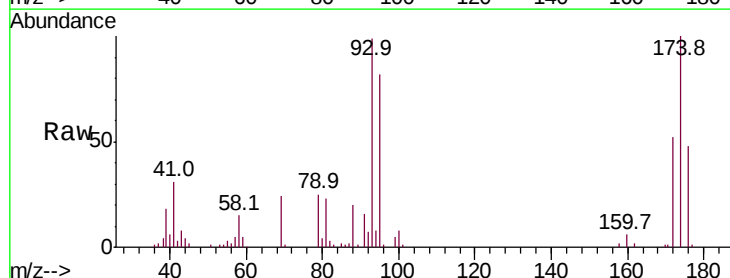
Instrument :
MSVOA_W
ClientSampleId :

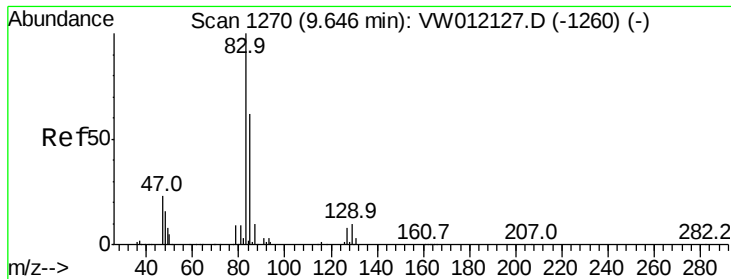
Tot Ion: 63 Resp: 51997
Ion Ratio Lower Upper
63 100
65 31.5 25.0 37.4



#46
Dibromomethane
Concen: 18.849 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 93 Resp: 22856
Ion Ratio Lower Upper
93 100
95 83.6 67.2 100.8
174 103.3 79.0 118.6





#47

Bromodichloromethane

Concen: 19.453 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

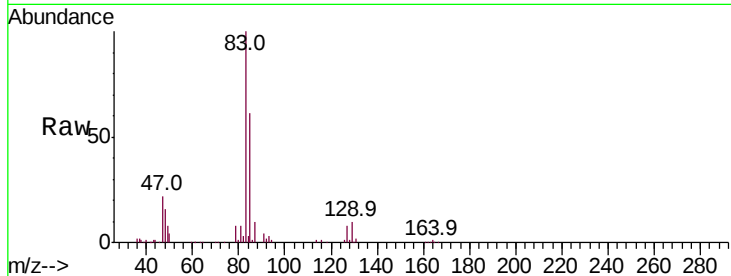
Tot Ion: 83 Resp: 62780

Ion Ratio Lower Upper

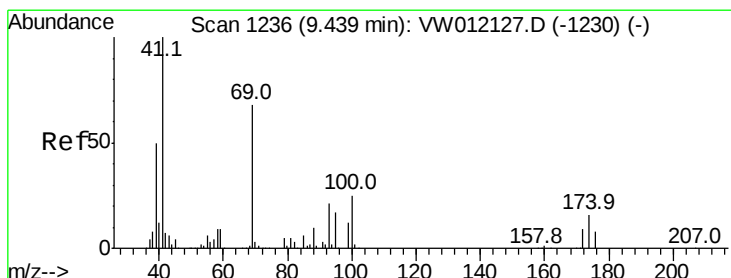
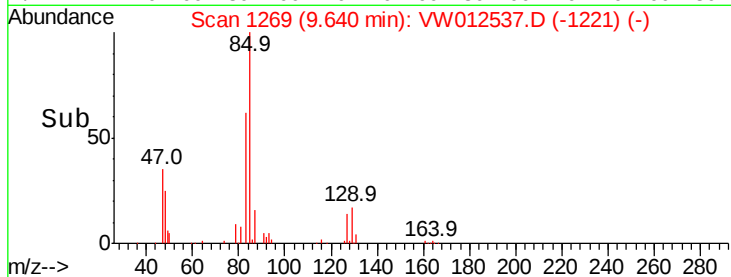
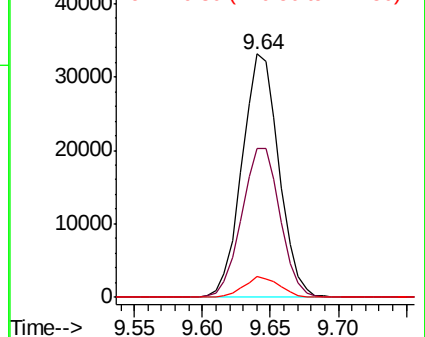
83 100

85 61.2 49.4 74.2

127 8.4 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: 18.473 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

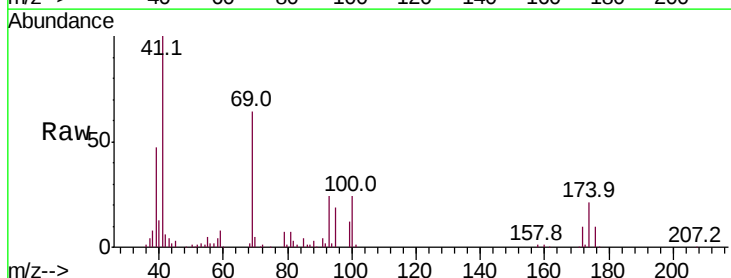
Tgt Ion: 41 Resp: 33097

Ion Ratio Lower Upper

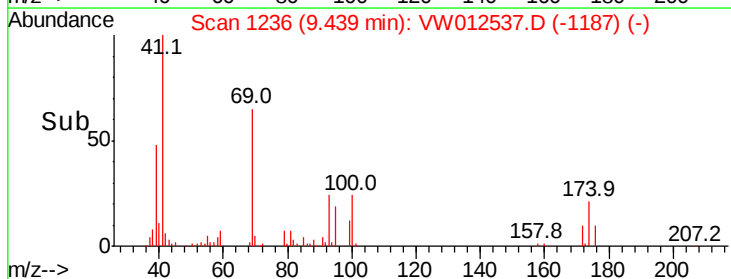
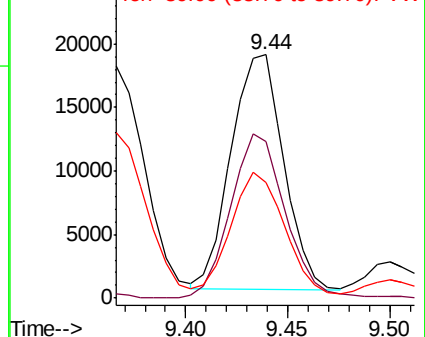
41 100

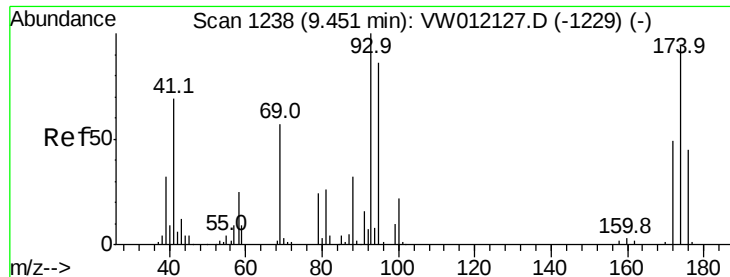
69 73.1 56.7 85.1

39 55.5 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: 364.797 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

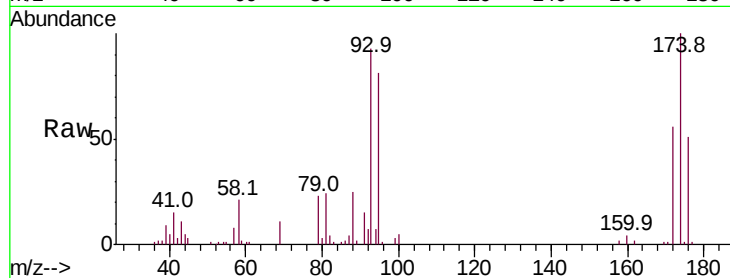
Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

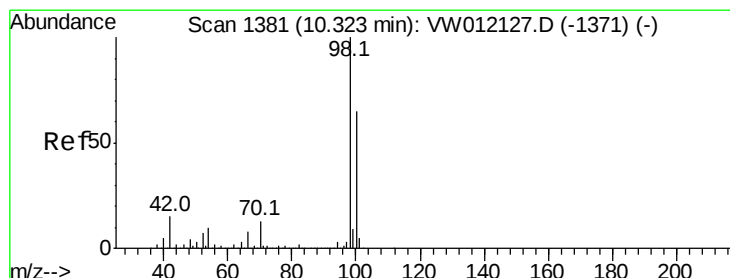
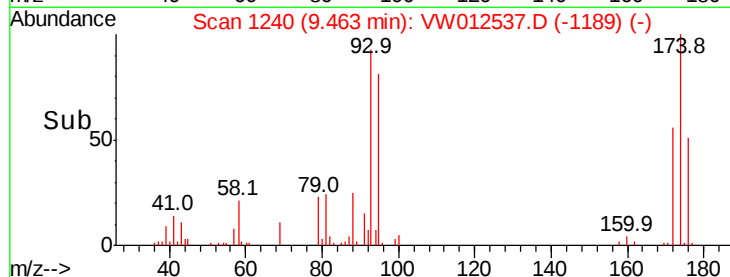
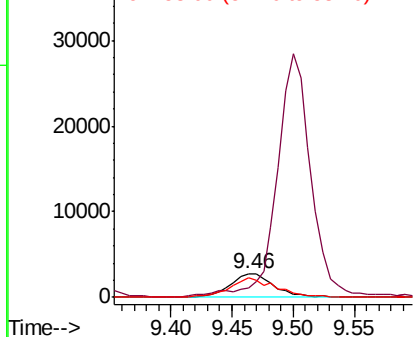
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 6772

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	87.7	71.0	106.4



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 45.312 ug/l

RT: 10.32 min Scan# 1381

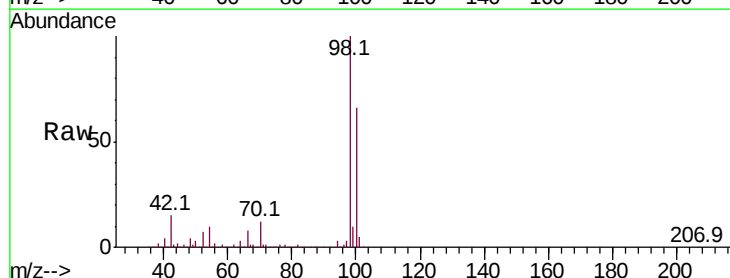
Delta R.T. -0.00 min

Lab File: VW012537.D

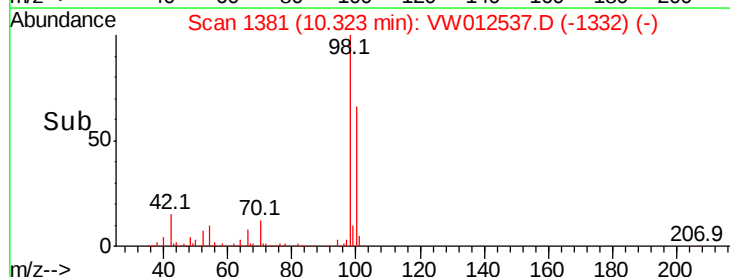
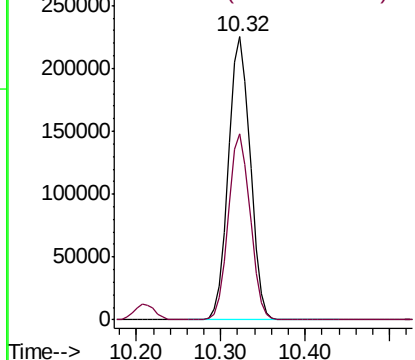
Acq: 03 Sep 2019 10:19

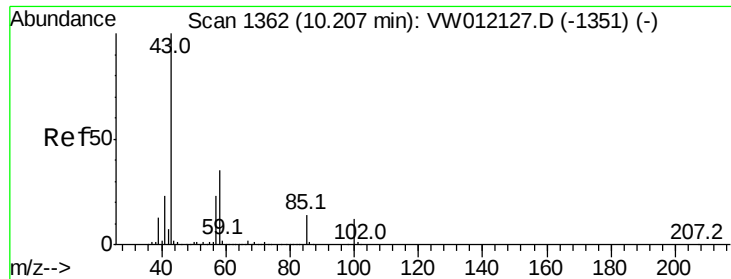
Tgt Ion: 98 Resp: 393582

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

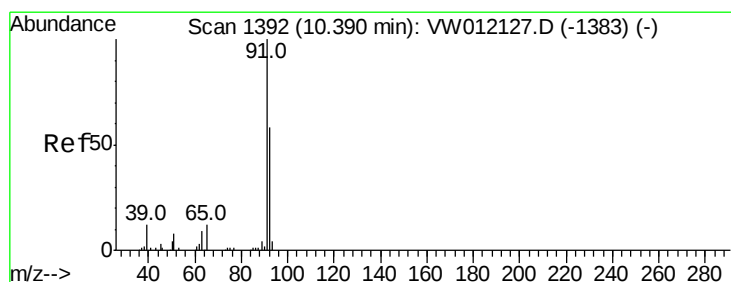
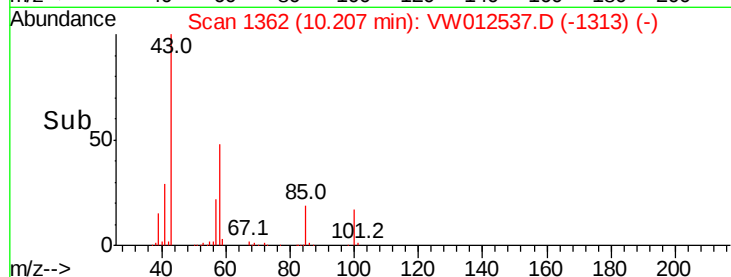
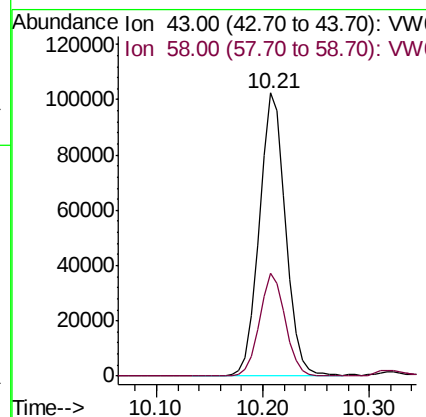
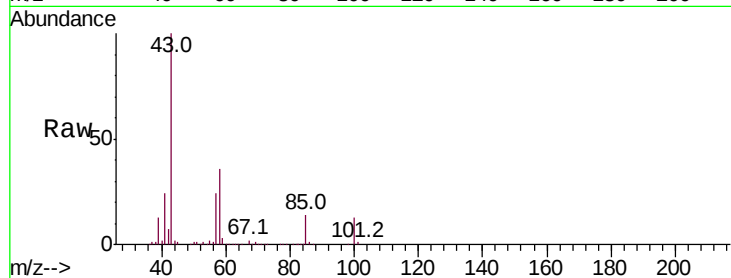




#51
4-Methyl-2-Pentanone
Concen: 92.288 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

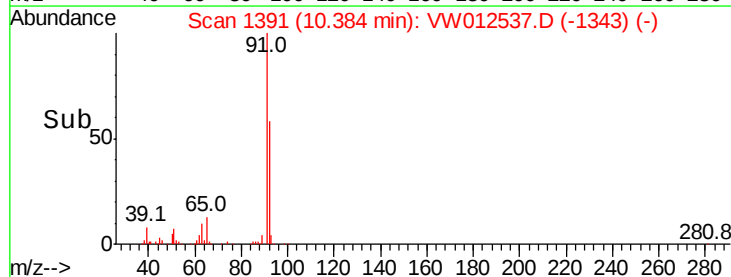
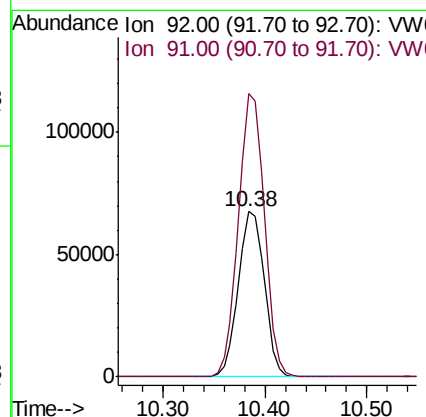
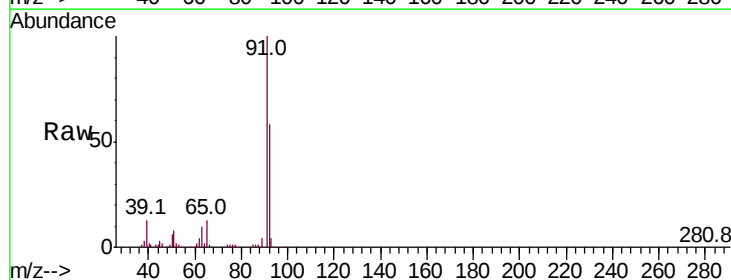
Instrument :
MSVOA_W
ClientSampled :

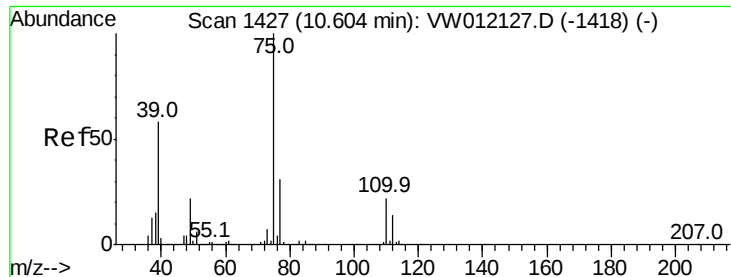
Tot Ion: 43 Resp: 176704
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.2



#52
Toluene
Concen: 19.675 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 92 Resp: 119692
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.578 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

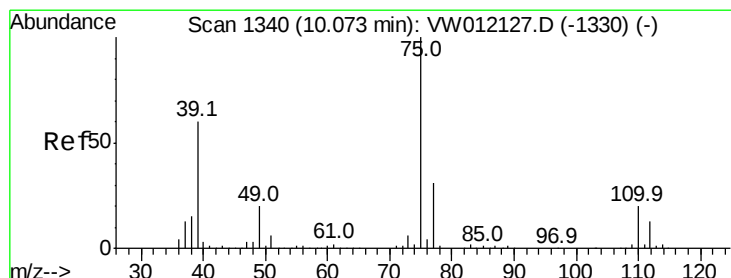
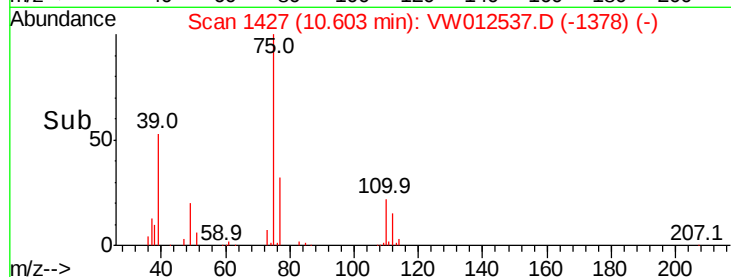
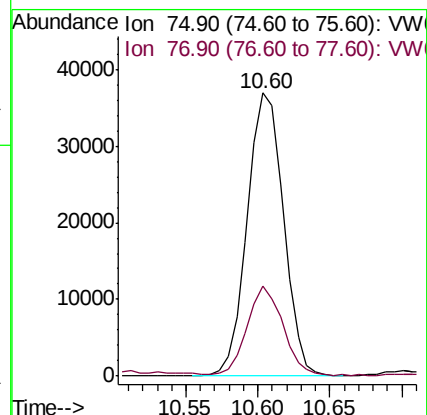
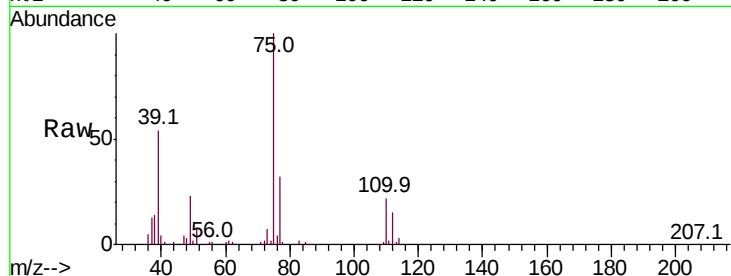
ClientSampleId :

Tot Ion: 75 Resp: 64361

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.443 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

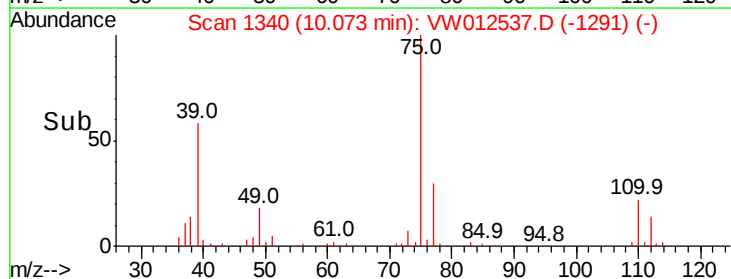
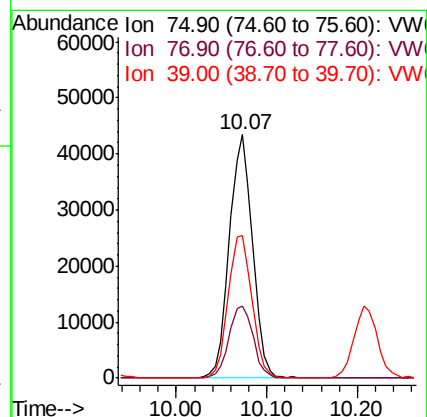
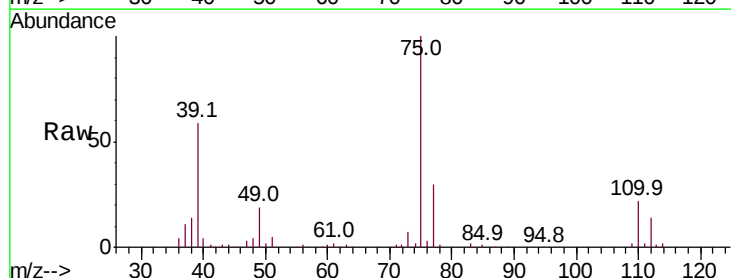
Tgt Ion: 75 Resp: 77177

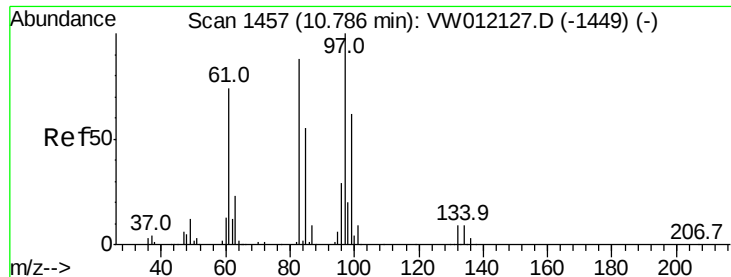
Ion Ratio Lower Upper

75 100

77 29.7 25.1 37.7

39 58.8 48.3 72.5

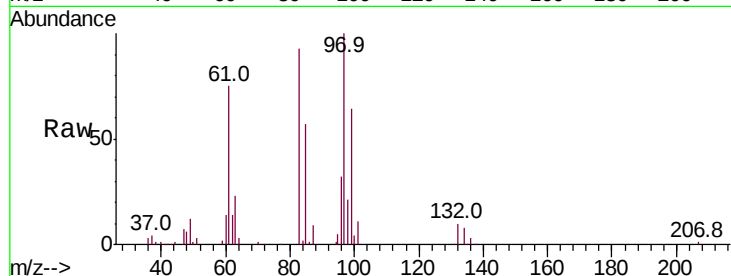




#55
 1,1,2-Trichloroethane
 Concen: 19.905 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	34150
Ion	Ratio	Lower	Upper
97	100		
83	92.9	70.8	106.2
85	56.6	43.8	65.8
99	63.9	49.8	74.6



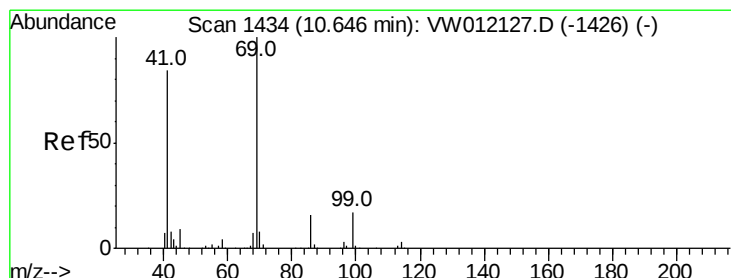
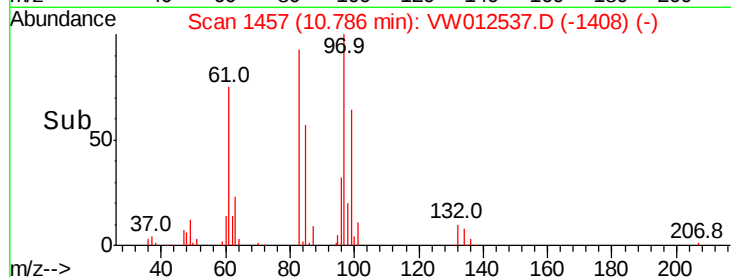
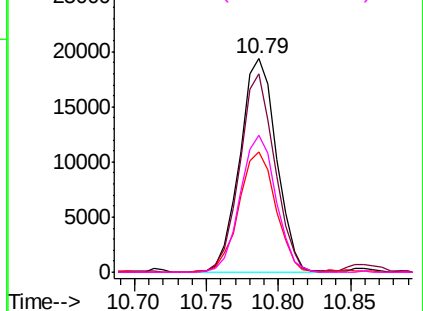
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

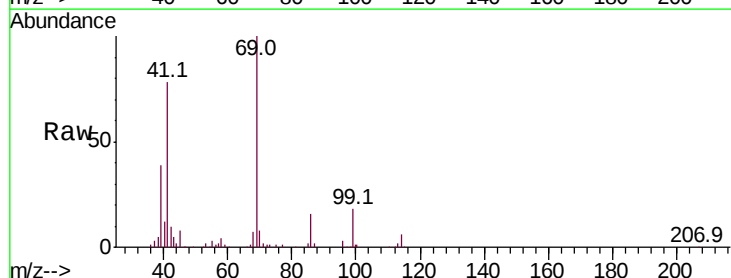
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 19.137 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion:	69	Resp:	47787
Ion	Ratio	Lower	Upper
69	100		
41	80.7	66.5	99.7
39	35.6	31.0	46.4

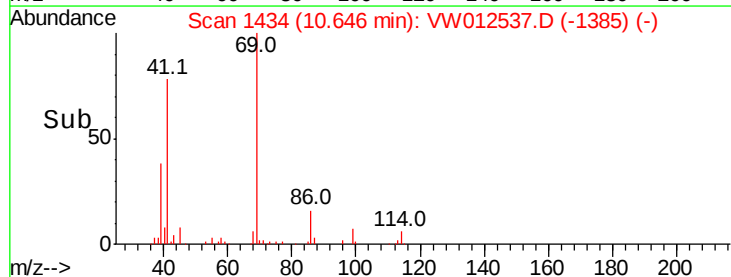
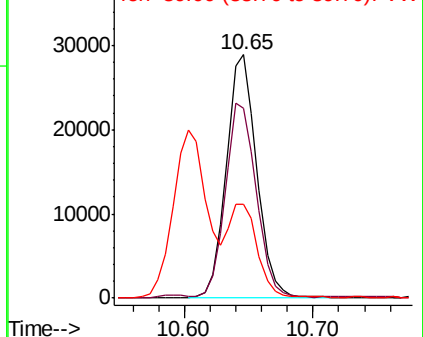


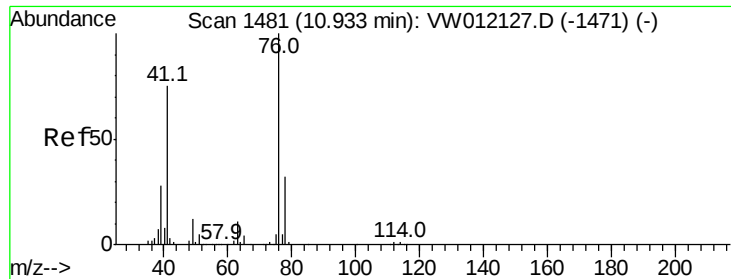
Abundance

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

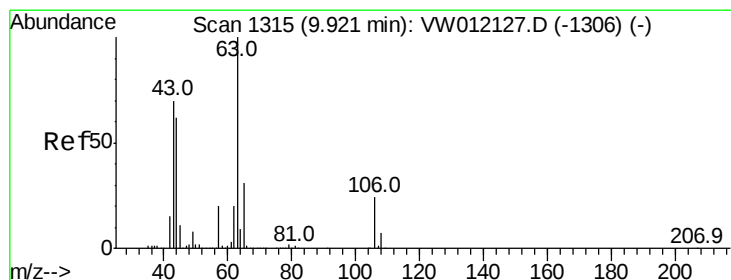
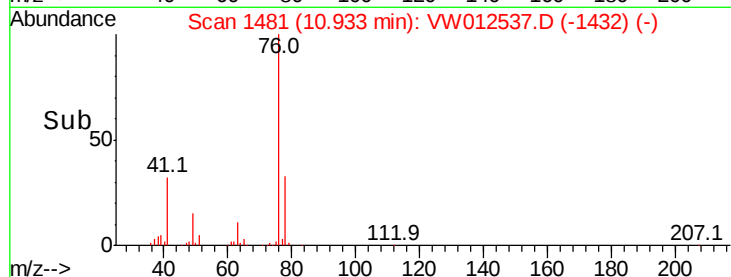
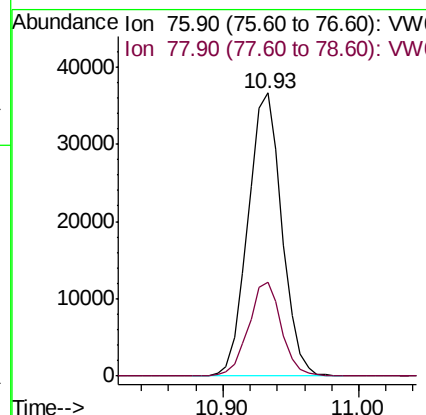
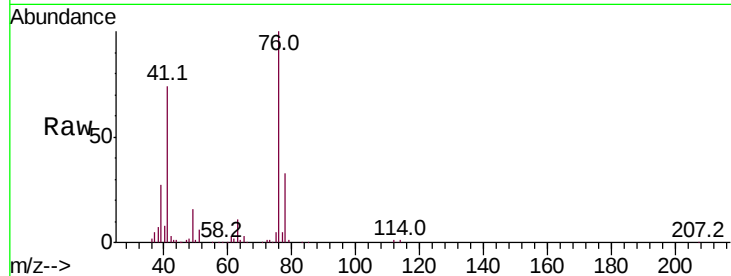




#57
 1,3-Dichloropropane
 Concen: 19.702 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

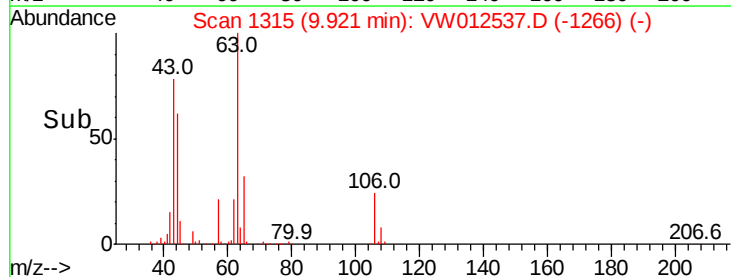
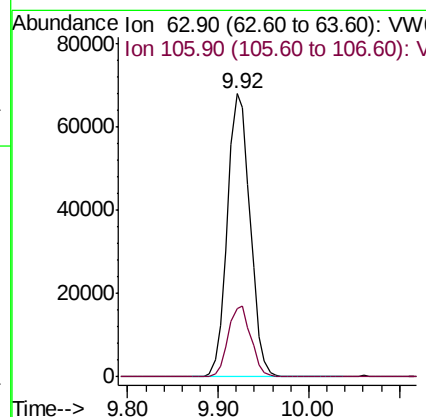
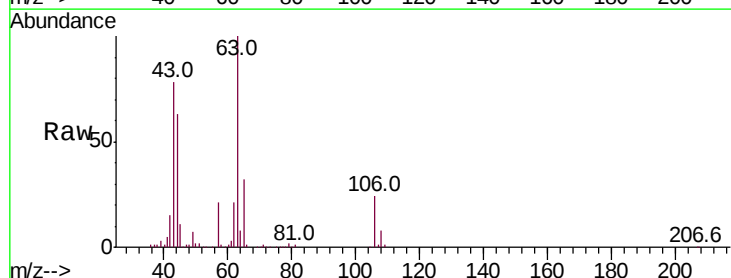
Instrument :
 MSVOA_W
 ClientSampled :

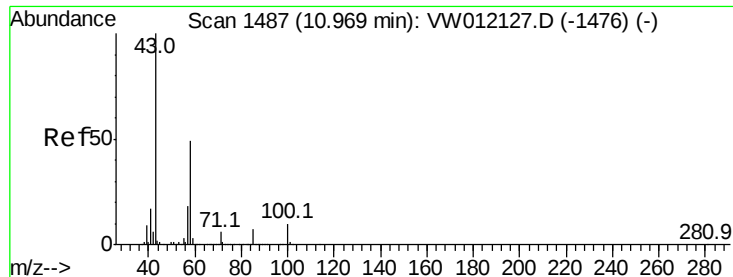
Tot Ion: 76 Resp: 63878
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.509 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion: 63 Resp: 118554
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.8 29.8





#59

2-Hexanone

Concen: 92.102 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

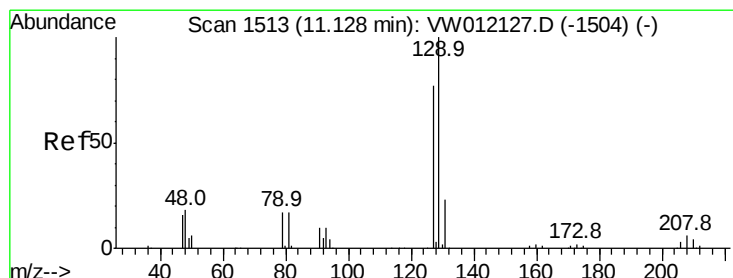
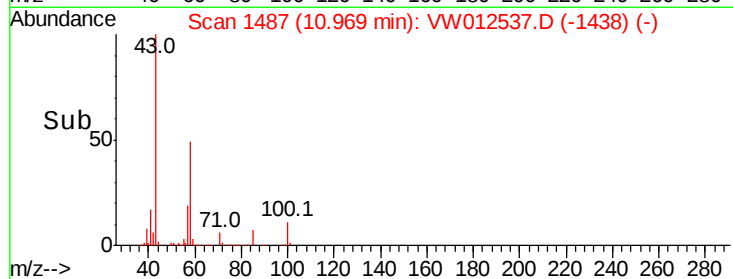
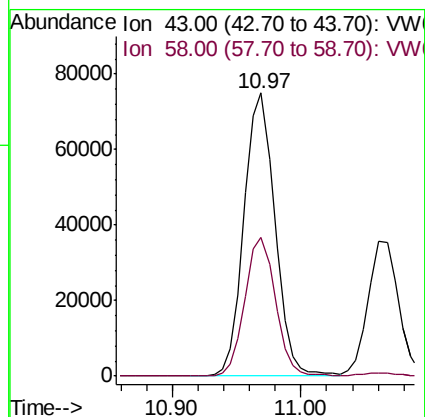
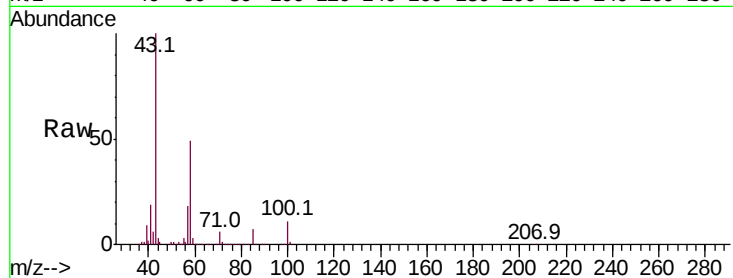
ClientSampled :

Tot Ion: 43 Resp: 124778

Ion Ratio Lower Upper

43 100

58 48.5 24.3 72.9



#60

Dibromochloromethane

Concen: 19.602 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012537.D

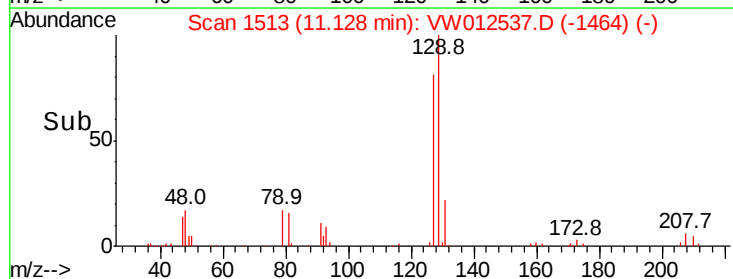
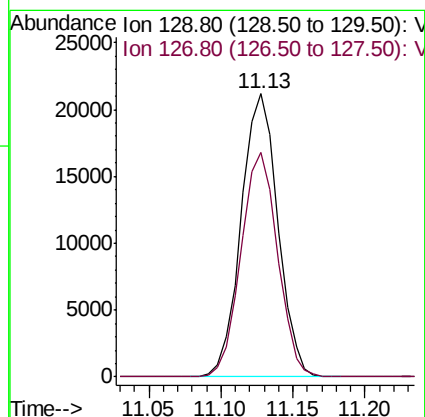
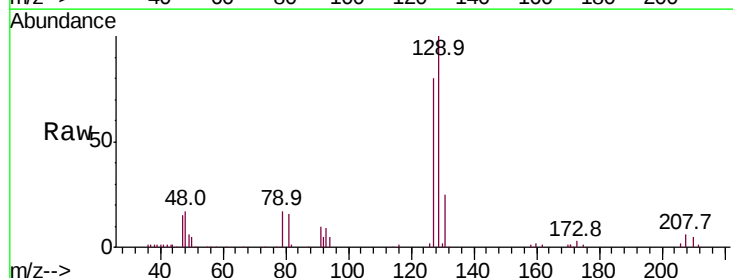
Acq: 03 Sep 2019 10:19

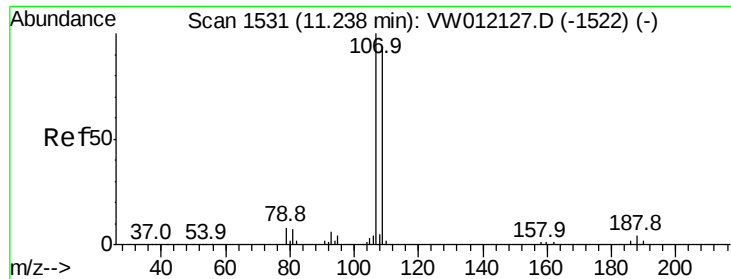
Tgt Ion: 129 Resp: 37459

Ion Ratio Lower Upper

129 100

127 79.1 38.6 115.8

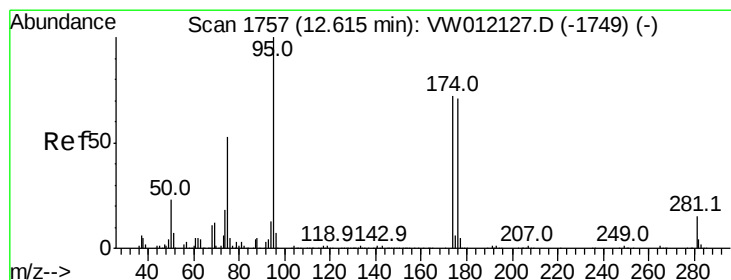
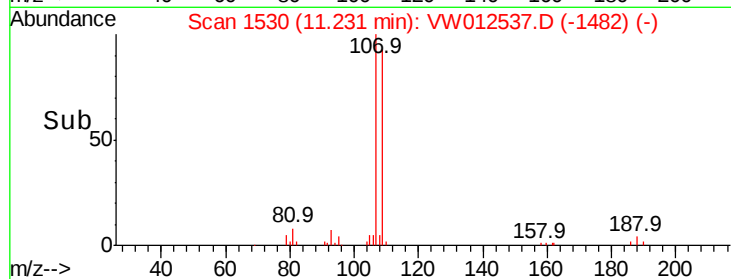
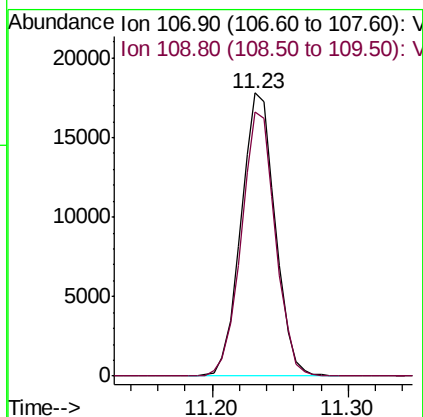
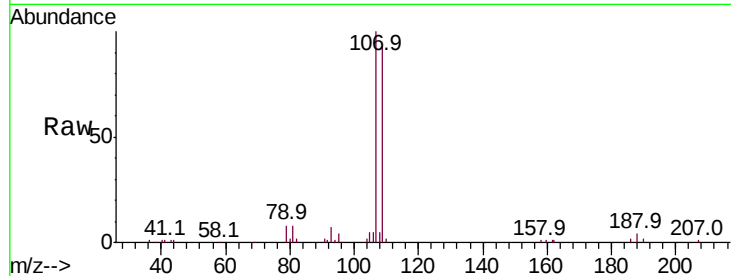




#61
 1,2-Dibromoethane
 Concen: 19.482 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

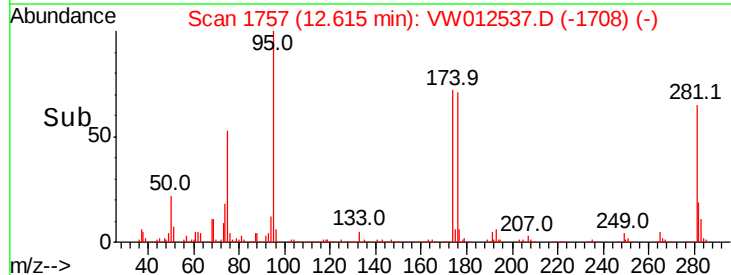
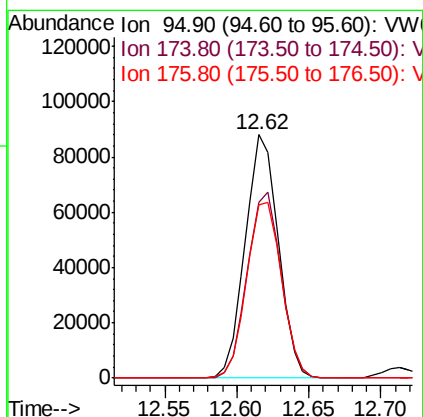
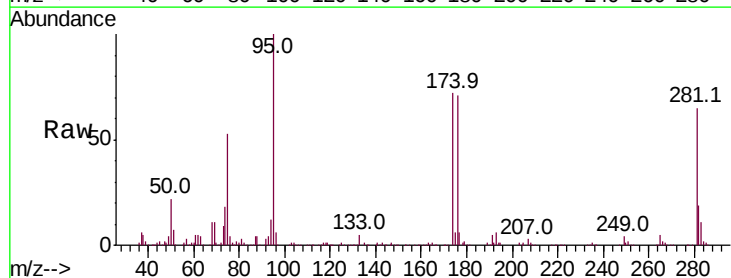
Instrument :
 MSVOA_W
 ClientSampleId :

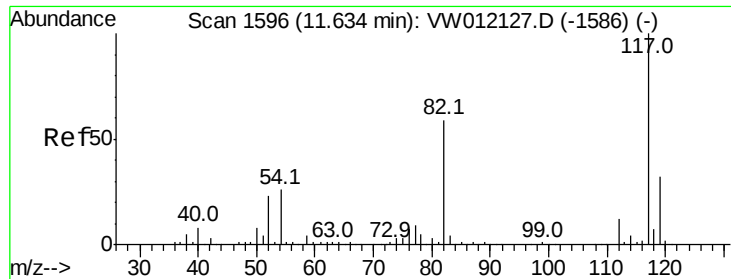
Tot Ion:107 Resp: 31139
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 45.889 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion: 95 Resp: 140503
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 150.8
 176 75.9 0.0 148.6

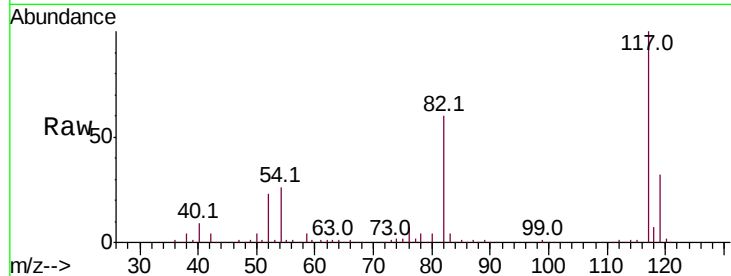




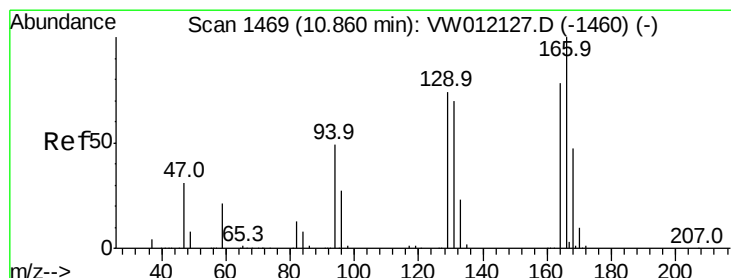
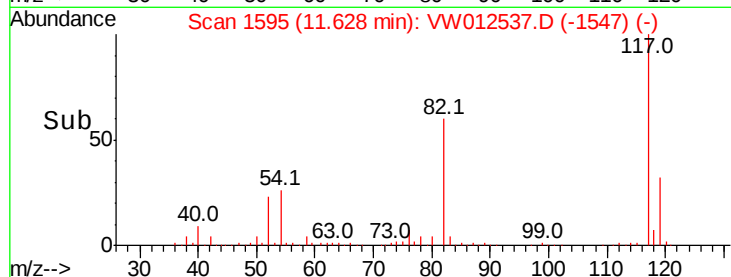
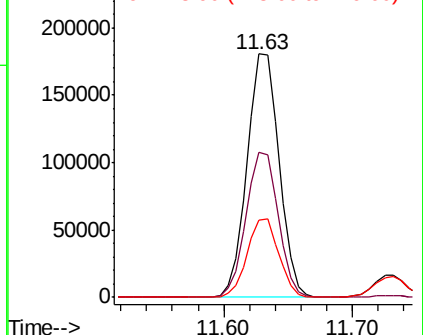
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 309229
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.9 25.4 38.2

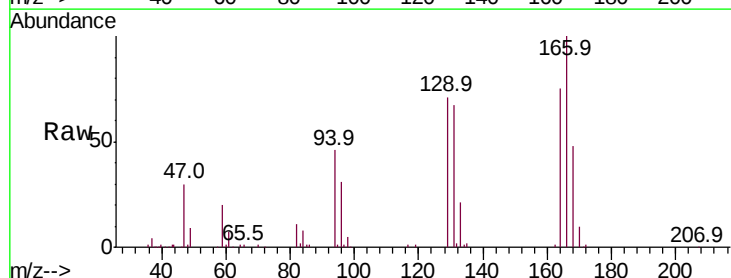


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

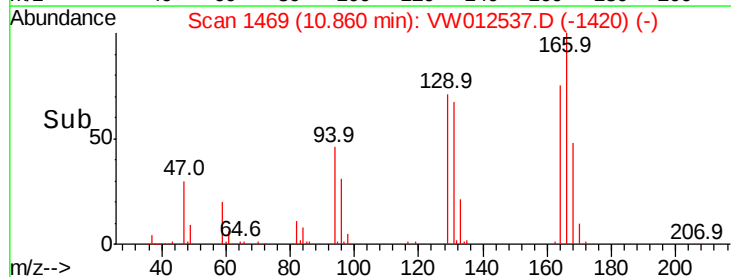
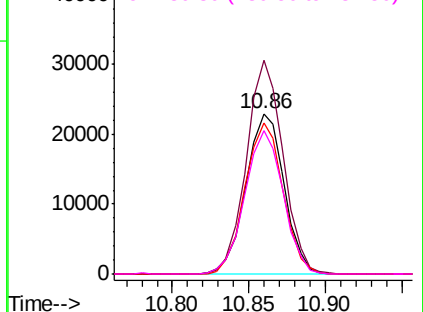


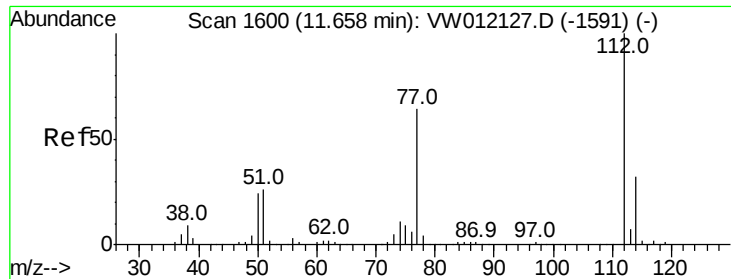
#64
Tetrachloroethene
Concen: 19.901 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:164 Resp: 39897
Ion Ratio Lower Upper
164 100
166 133.1 102.4 153.6
129 94.5 75.8 113.6
131 89.0 71.4 107.2



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

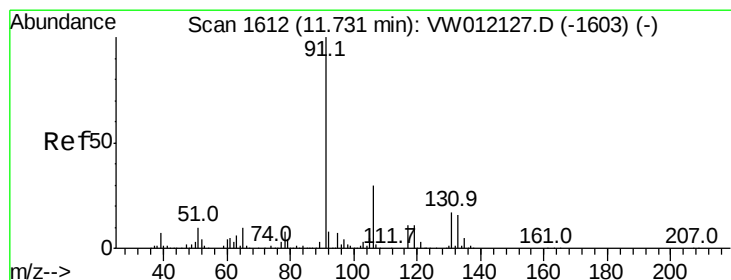
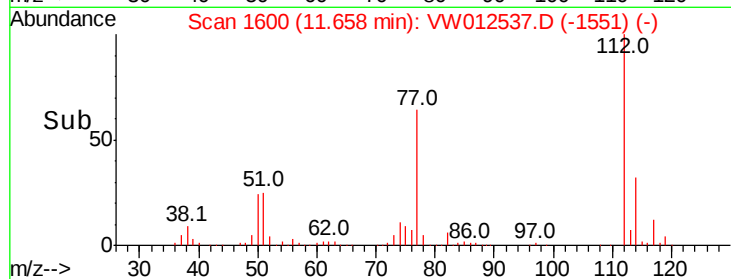
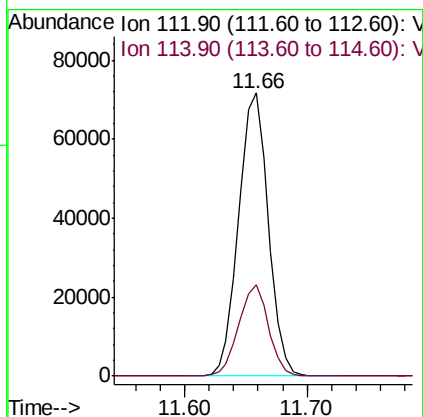
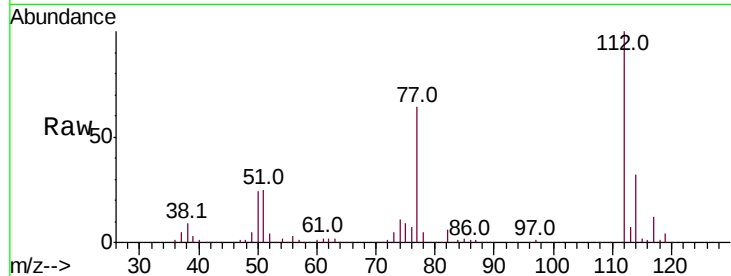




#65
Chlorobenzene
Concen: 19.832 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

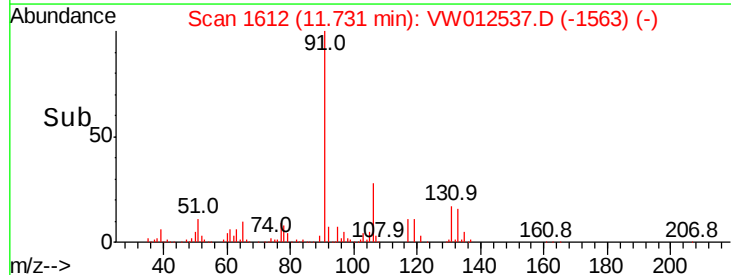
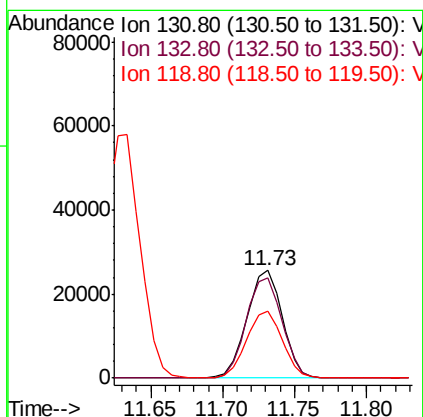
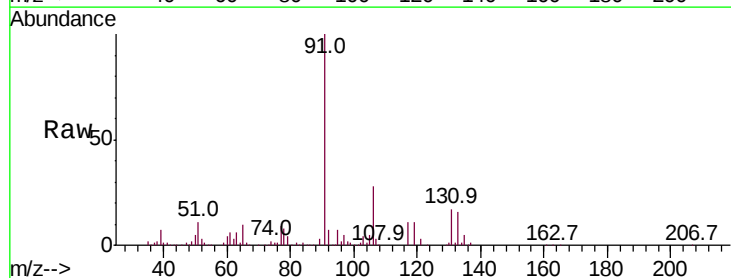
Instrument :
MSVOA_W
ClientSampleId :

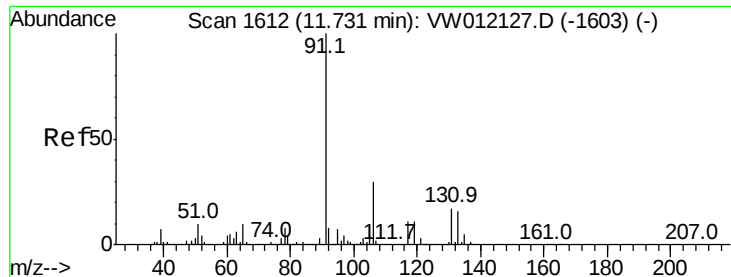
Tot Ion:112 Resp: 120754
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.483 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:131 Resp: 43511
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.3
119 62.9 31.8 95.3

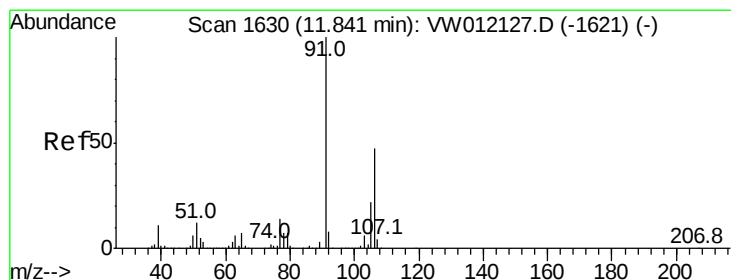
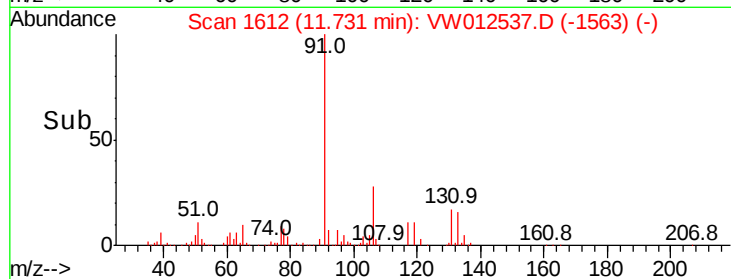
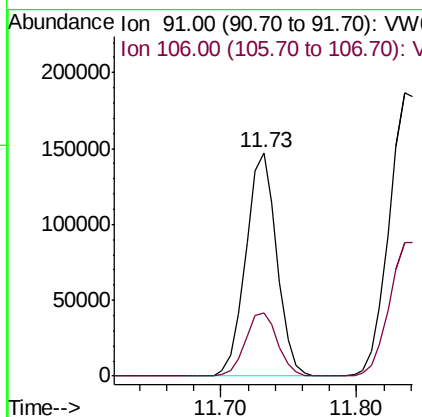
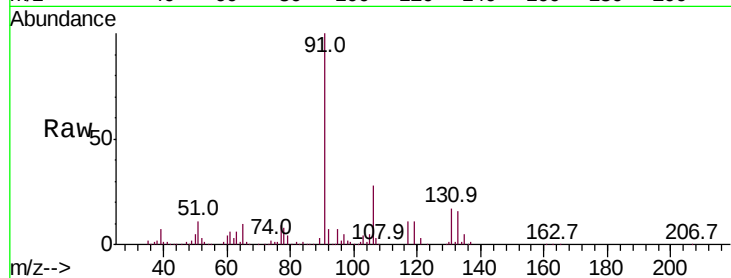




#67
Ethyl Benzene
Concen: 19.950 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

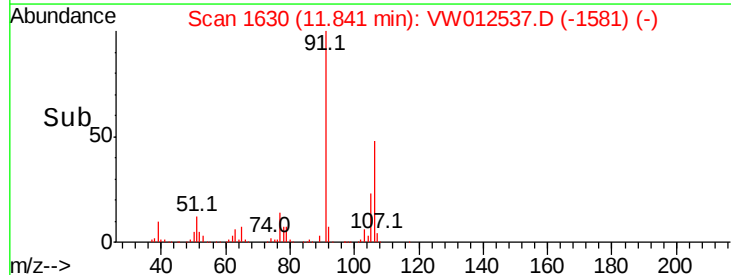
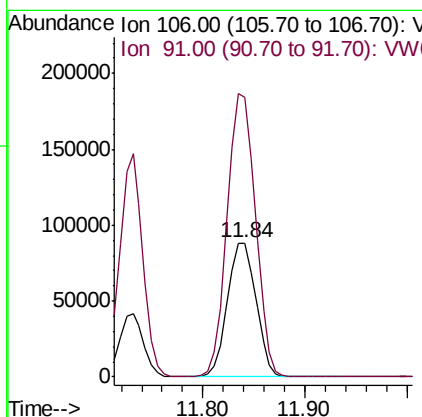
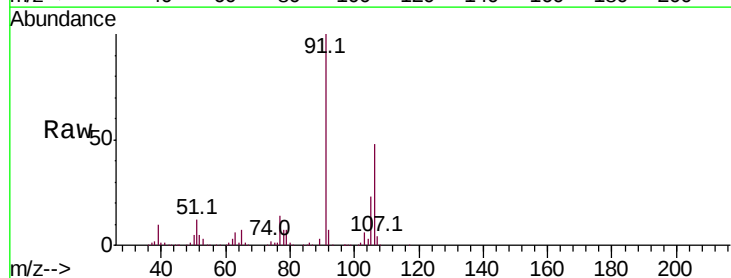
Instrument :
MSVOA_W
ClientSampleId :

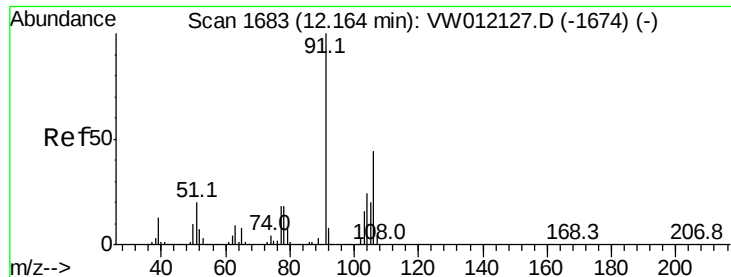
Tot Ion: 91 Resp: 233996
Ion Ratio Lower Upper
91 100
106 28.4 24.3 36.5



#68
m/p-Xylenes
Concen: 40.541 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:106 Resp: 171288
Ion Ratio Lower Upper
106 100
91 209.9 169.5 254.3

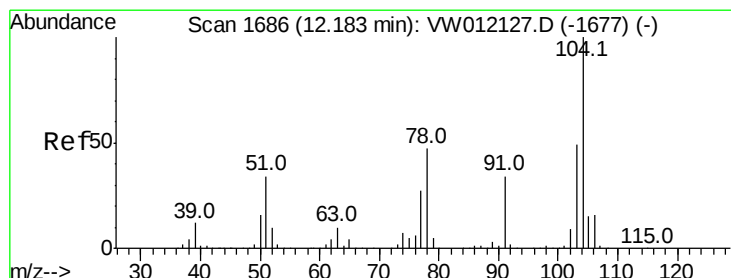
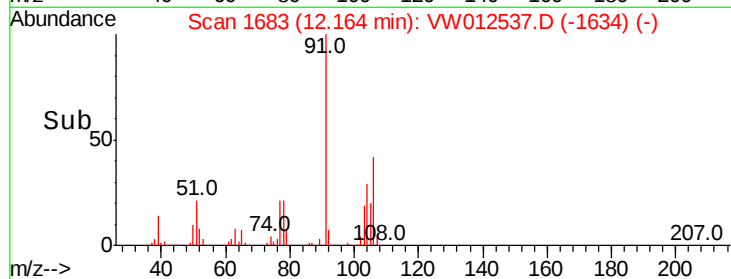
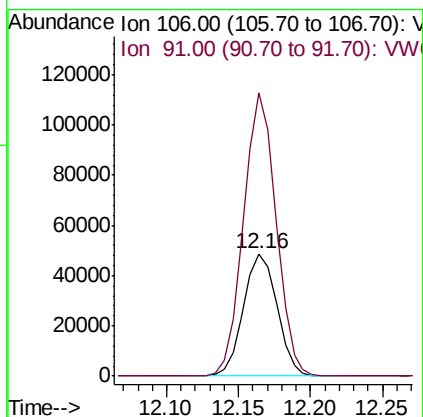
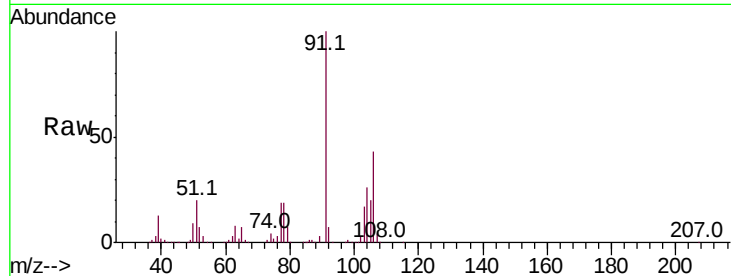




#69
o-Xylene
Concen: 20.188 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

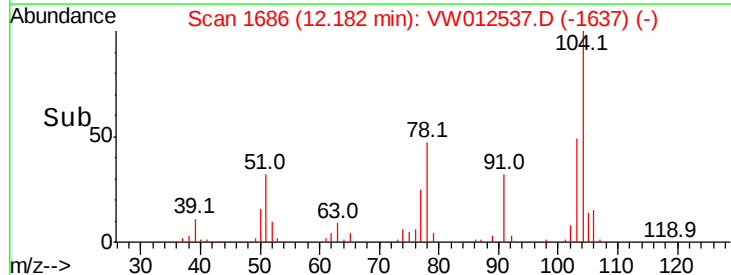
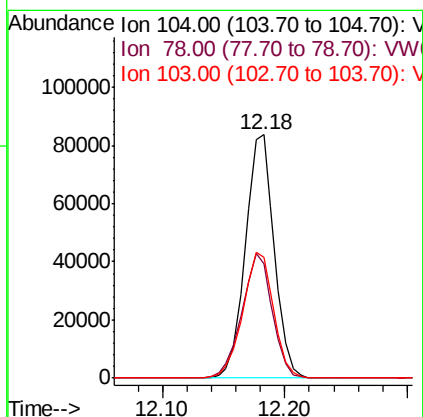
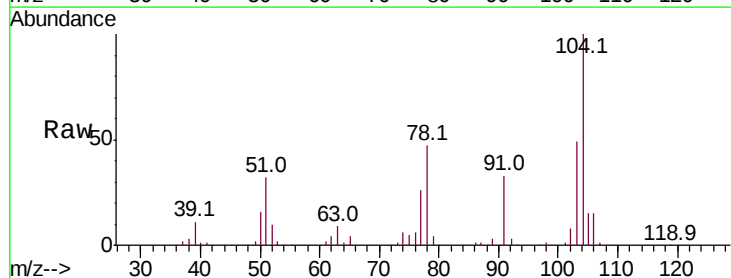
Instrument :
MSVOA_W
ClientSampled :

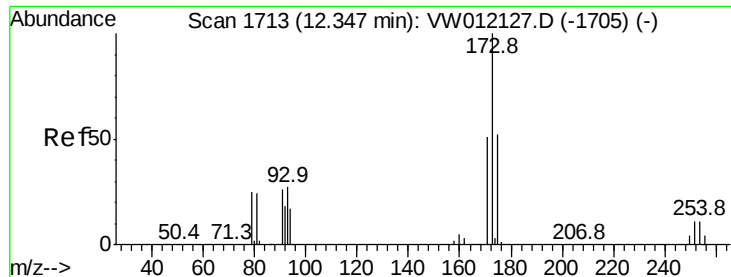
Tot Ion:106 Resp: 78945
Ion Ratio Lower Upper
106 100
91 223.7 111.6 334.6



#70
Styrene
Concen: 20.238 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:104 Resp: 136981
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.0 43.5 65.3





#71

Bromoform

Concen: 19.693 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

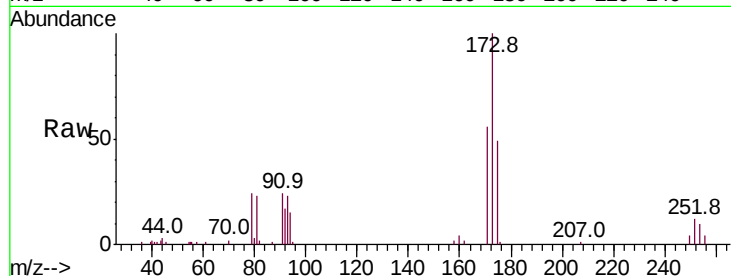
Tot Ion:173 Resp: 20842

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

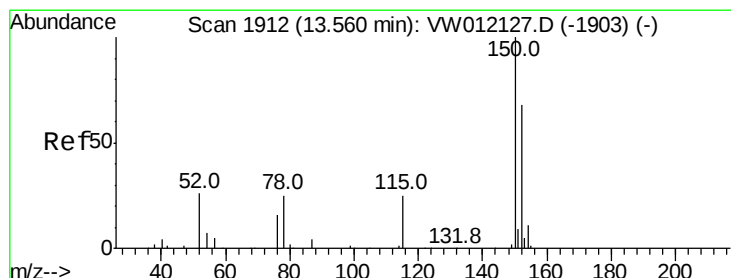
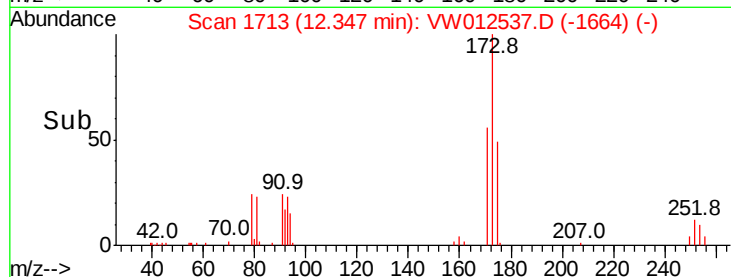
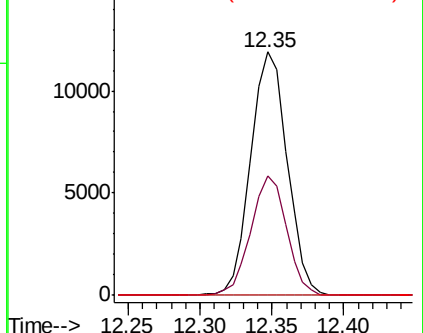
254 0.0 0.2 0.2#



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

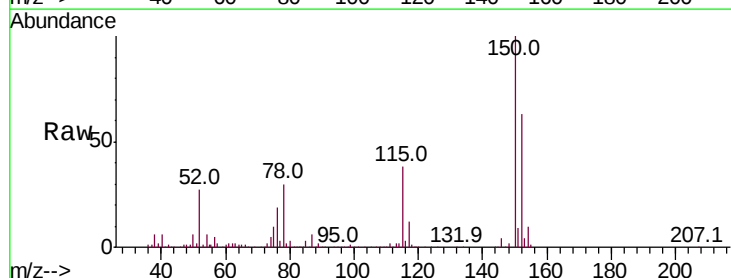
Tgt Ion:152 Resp: 150535

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.3

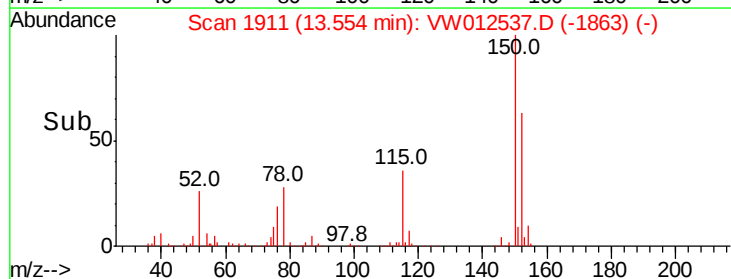
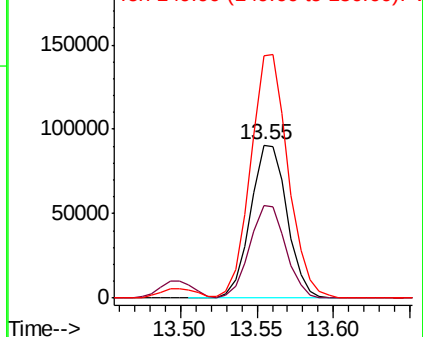
150 163.1 0.0 345.8

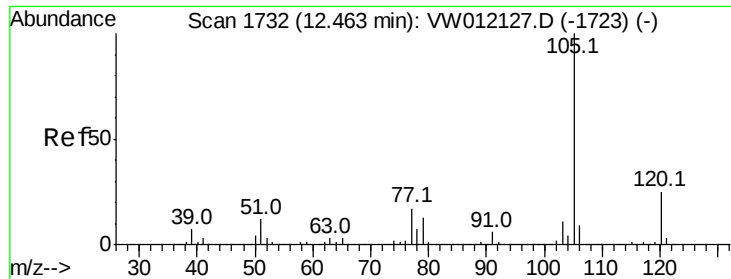


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

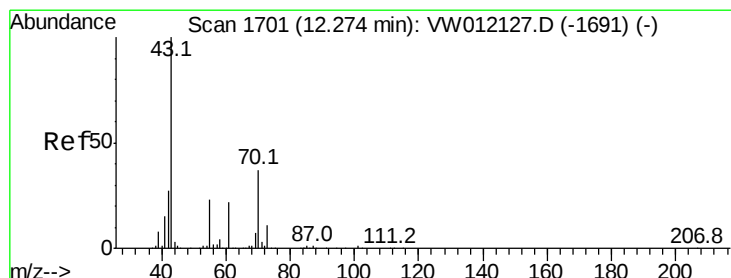
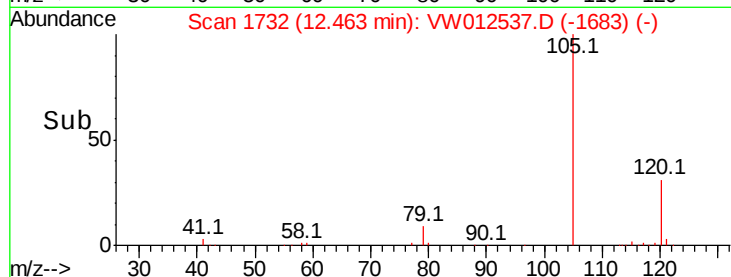
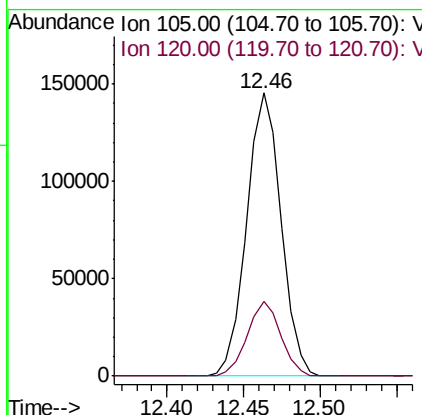
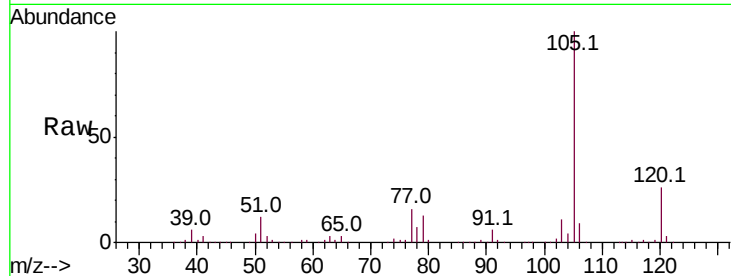




#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

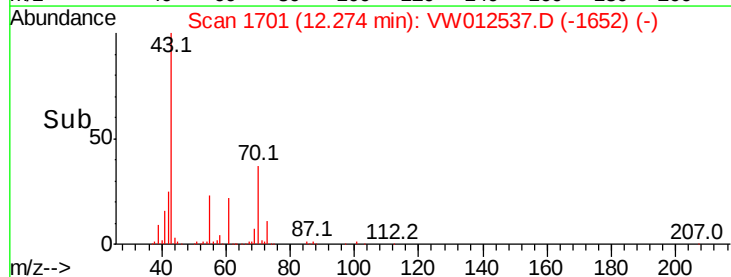
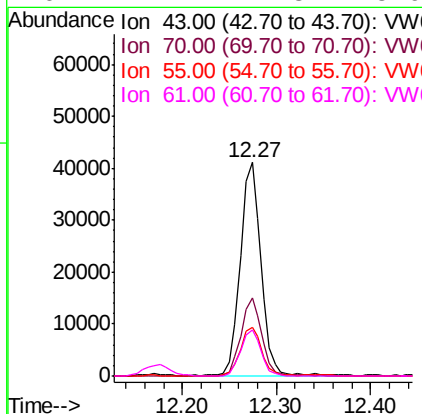
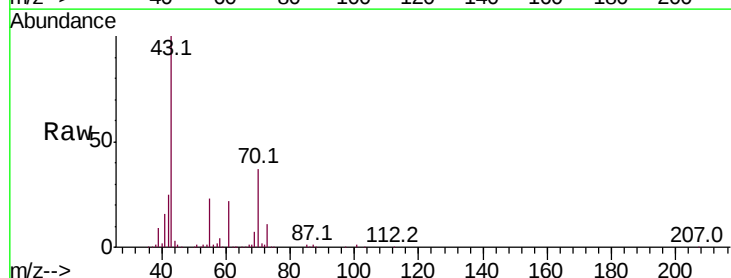
Instrument :
MSVOA_W
ClientSampleId :

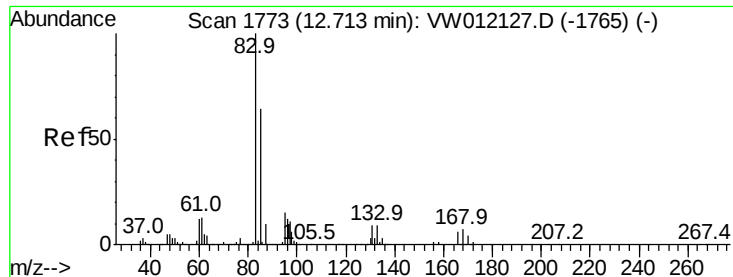
Tot Ion:105 Resp: 227059
Ion Ratio Lower Upper
105 100
120 25.9 12.5 37.5



#74
N-ethyl acetate
Concen: 18.466 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 43 Resp: 62932
Ion Ratio Lower Upper
43 100
70 36.7 28.6 43.0
55 23.5 17.8 26.6
61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.562 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

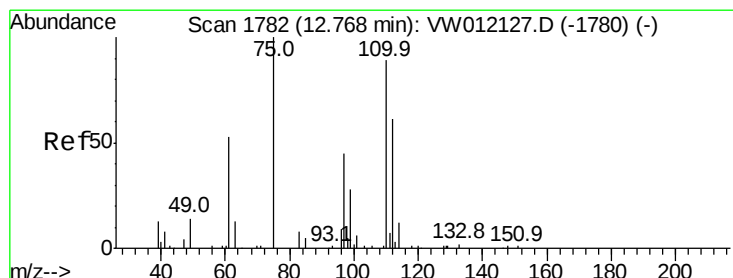
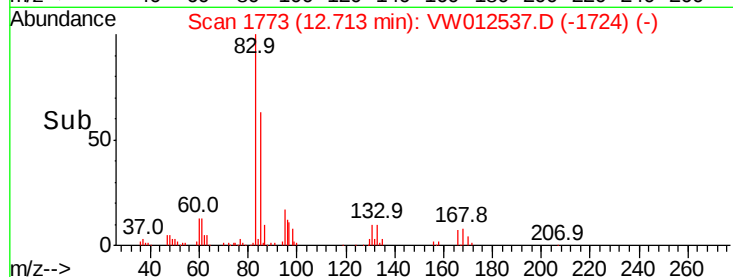
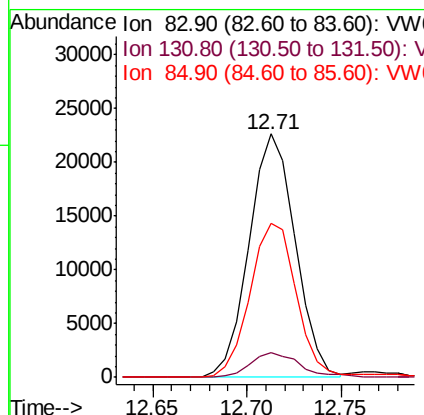
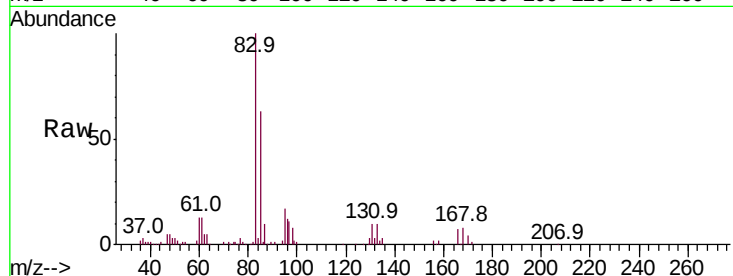
Tot Ion: 83 Resp: 38385

Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.7
85	63.6	31.9	95.7

83 100

131 10.8 4.9 14.7

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 35.906 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012537.D

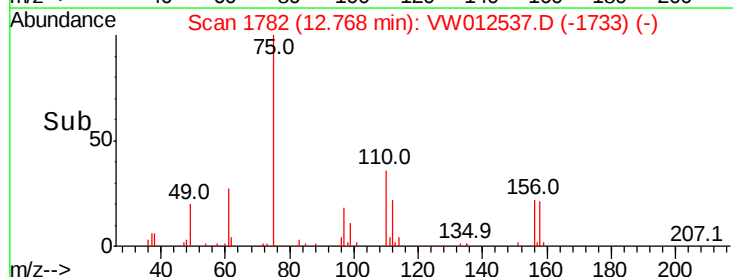
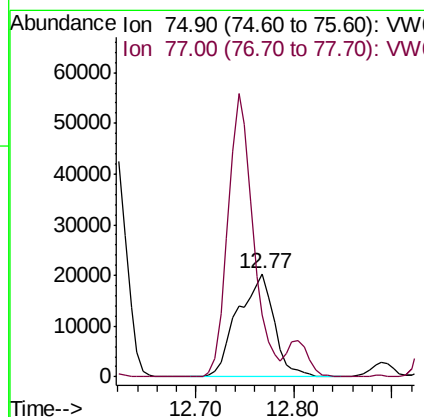
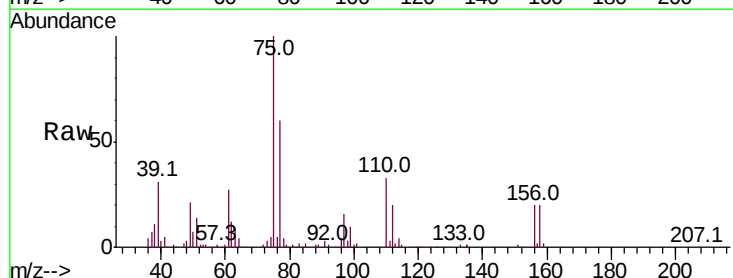
Acq: 03 Sep 2019 10:19

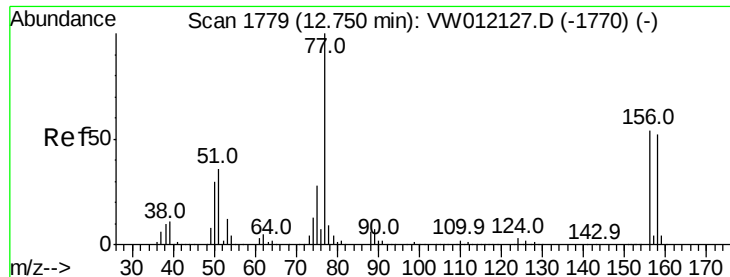
Tgt Ion: 75 Resp: 52642

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.133 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

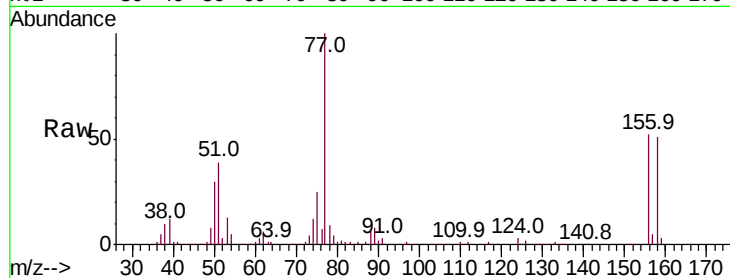
Tot Ion:156 Resp: 49131

Ion Ratio Lower Upper

156 100

77 205.5 107.3 321.8

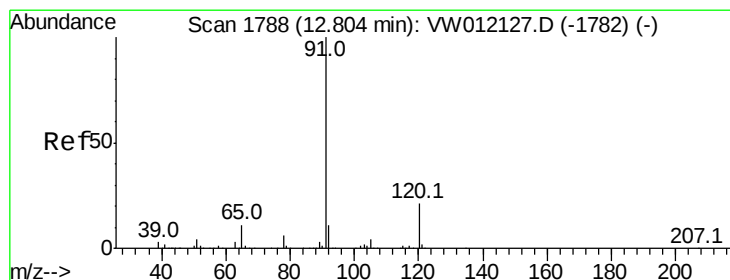
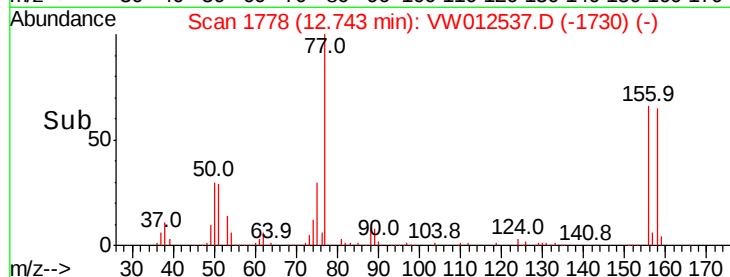
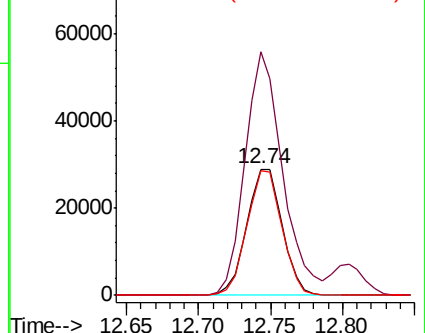
158 97.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.033 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012537.D

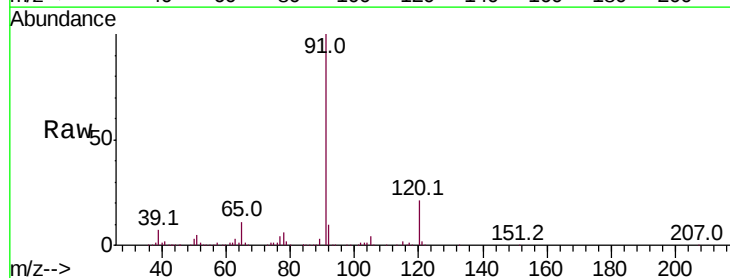
Acq: 03 Sep 2019 10:19

Tgt Ion: 91 Resp: 275858

Ion Ratio Lower Upper

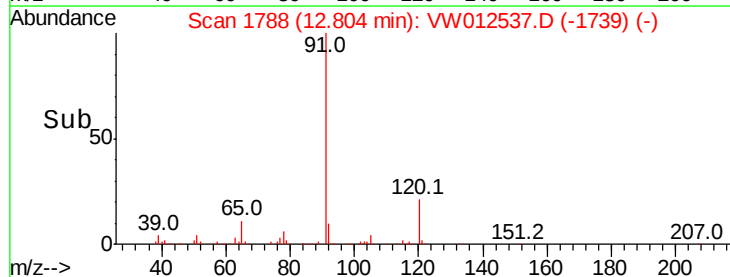
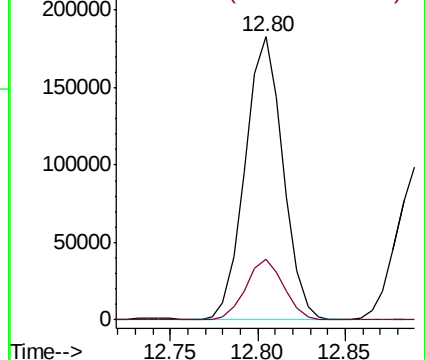
91 100

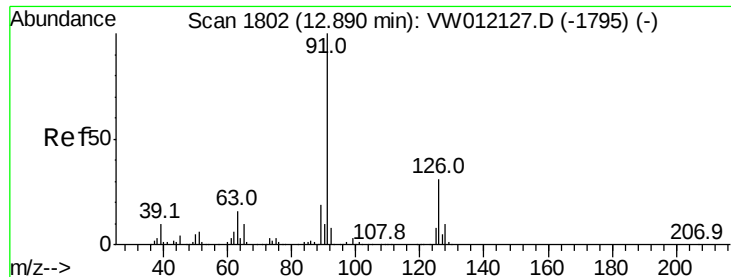
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.969 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

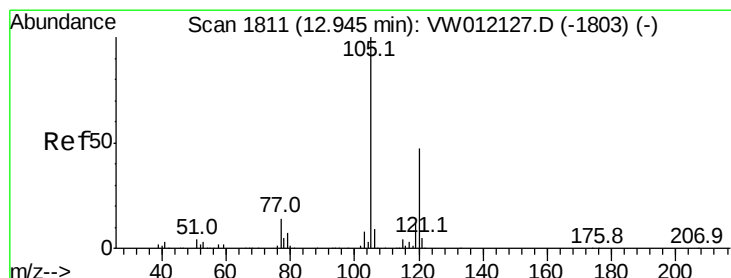
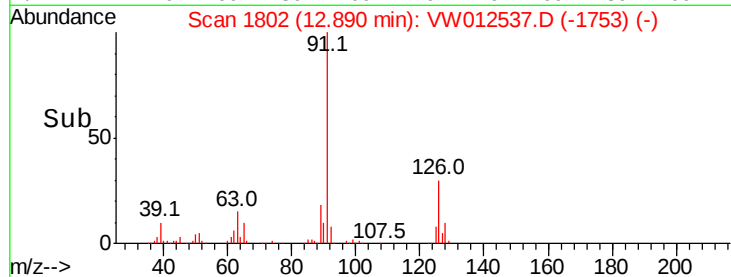
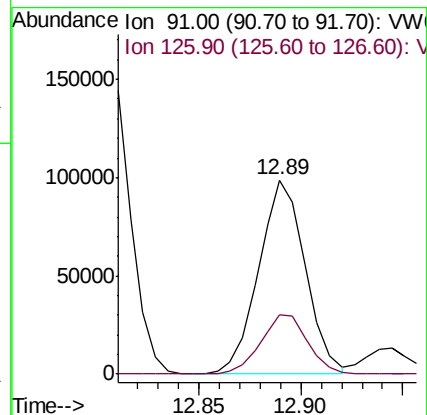
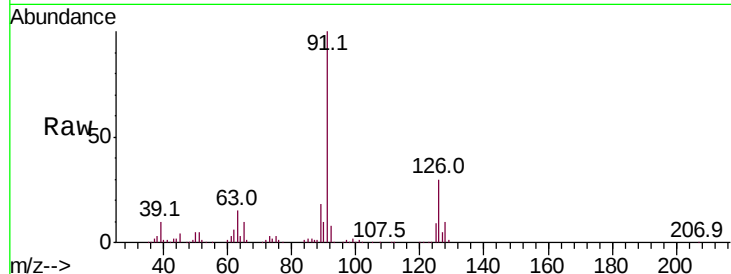
ClientSampleId :

Tot Ion: 91 Resp: 156118

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.129 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012537.D

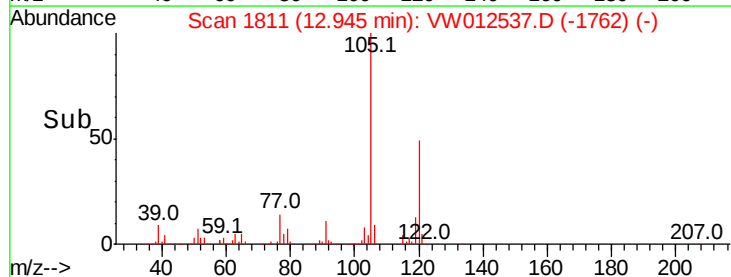
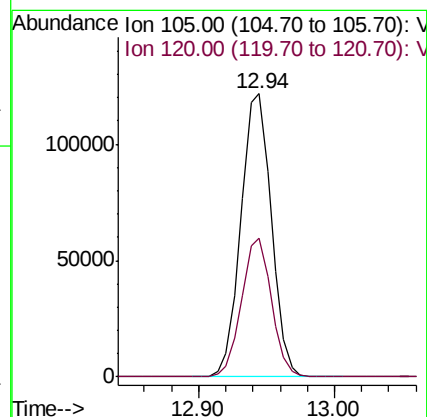
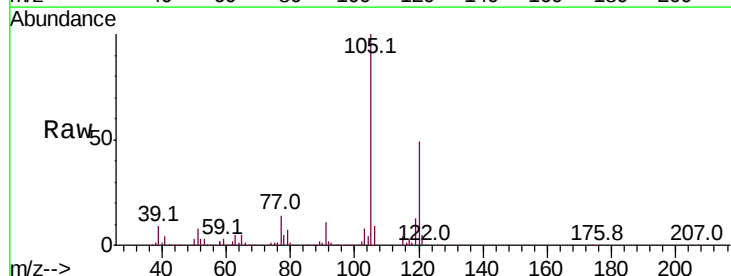
Acq: 03 Sep 2019 10:19

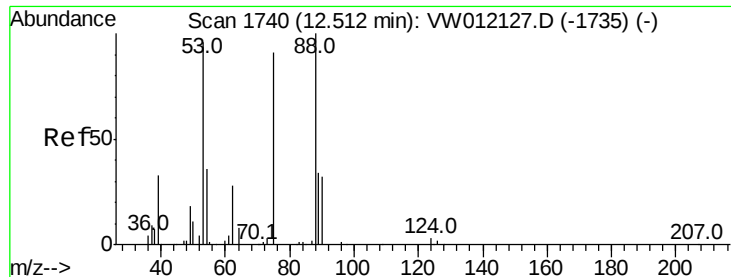
Tgt Ion:105 Resp: 189727

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0

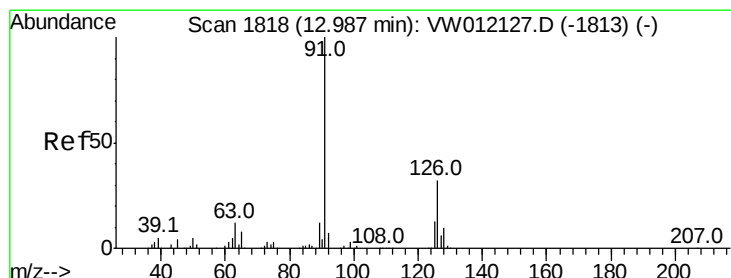
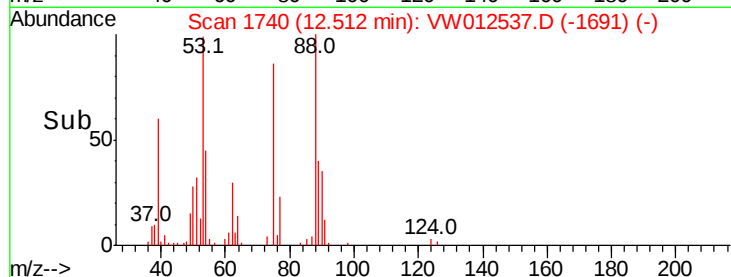
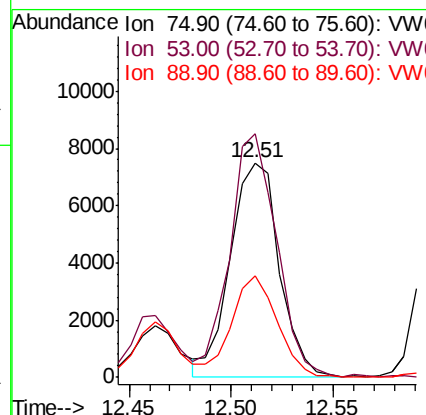
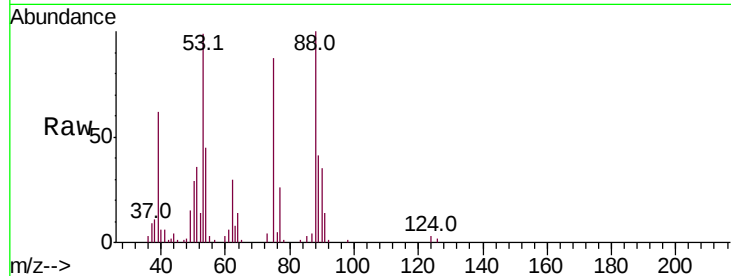




#81
trans-1,4-Dichloro-2-butene
Concen: 18.617 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

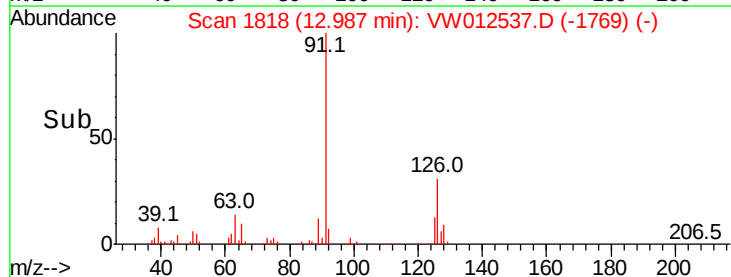
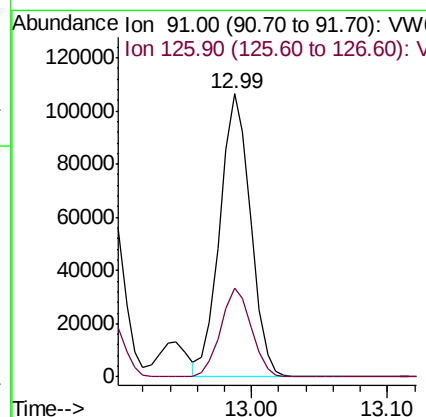
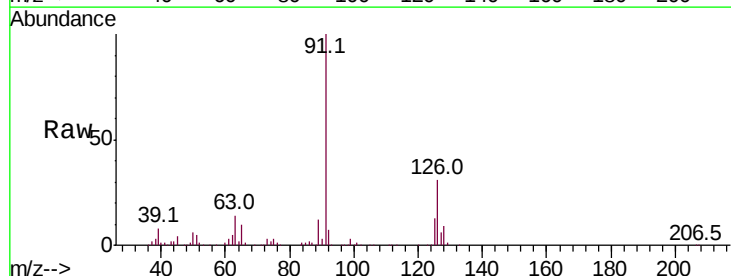
Instrument :
MSVOA_W
ClientSampled :

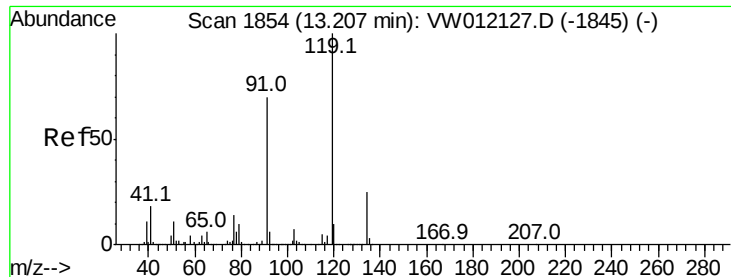
Tot Ion: 75 Resp: 12449
Ion Ratio Lower Upper
75 100
53 109.0 89.4 134.0
89 43.5 34.5 51.7



#82
4-Chlorotoluene
Concen: 20.221 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion: 91 Resp: 165533
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83

tert-Butylbenzene

Concen: 20.860 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

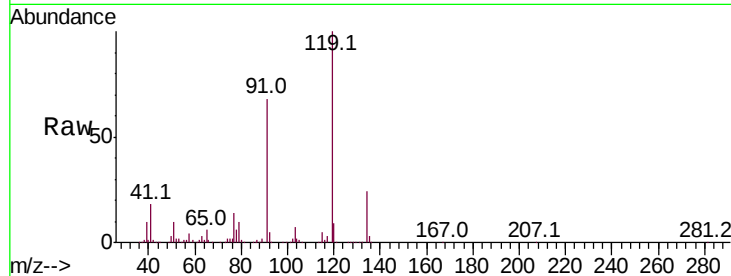
Tot Ion:119 Resp: 166545

Ion Ratio Lower Upper

119 100

91 68.2 34.8 104.3

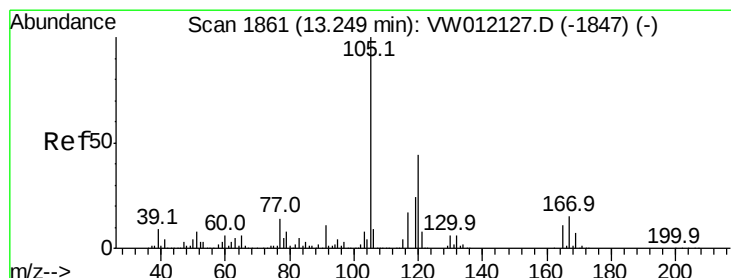
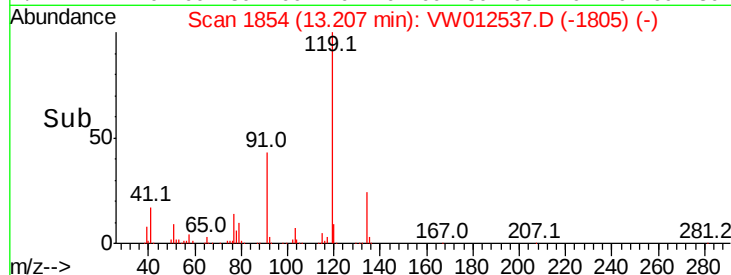
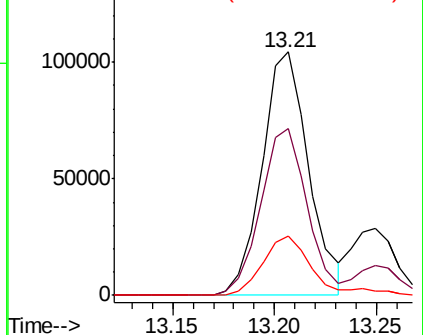
134 24.4 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.286 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012537.D

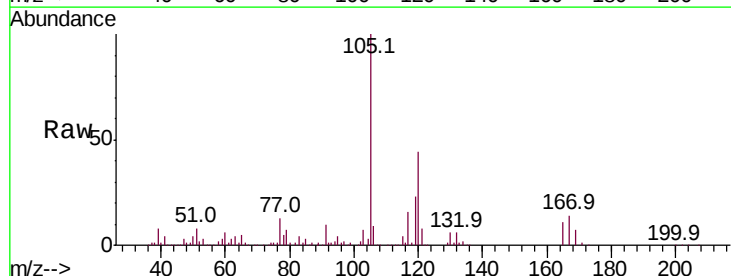
Acq: 03 Sep 2019 10:19

Tgt Ion:105 Resp: 192072

Ion Ratio Lower Upper

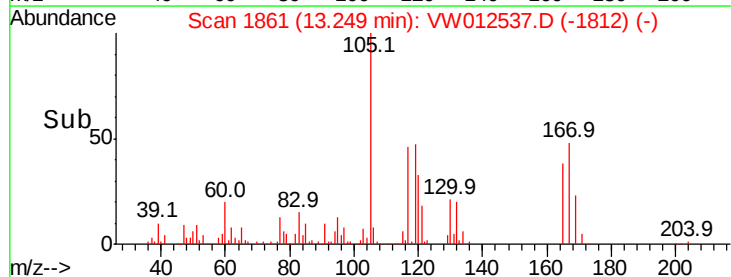
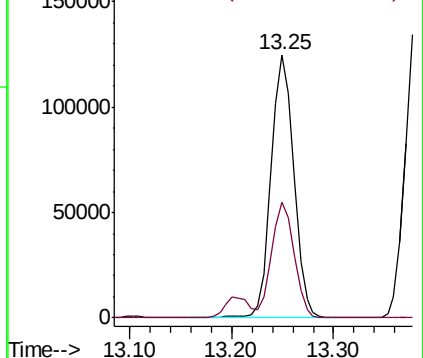
105 100

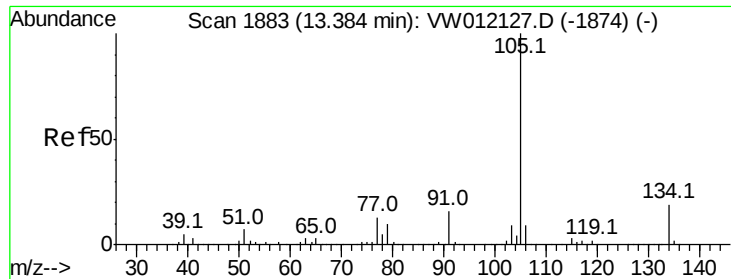
120 43.2 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

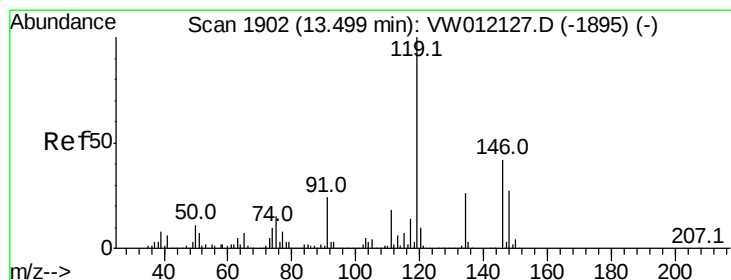
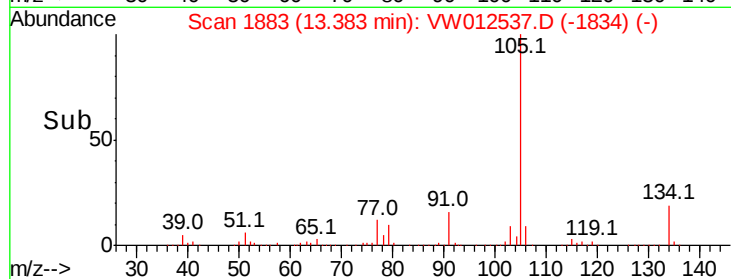
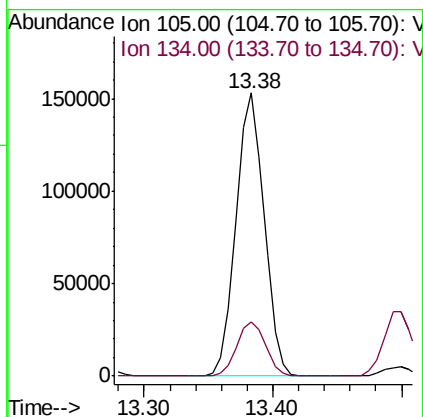
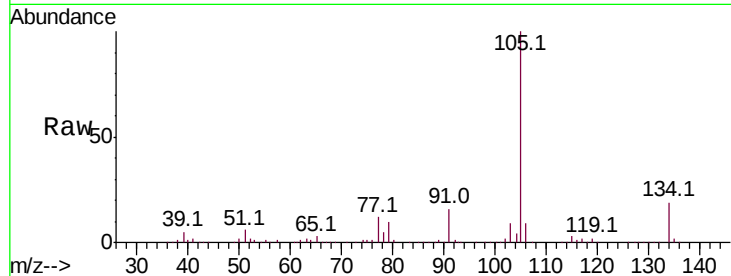




#85
 sec-Butylbenzene
 Concen: 20.306 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

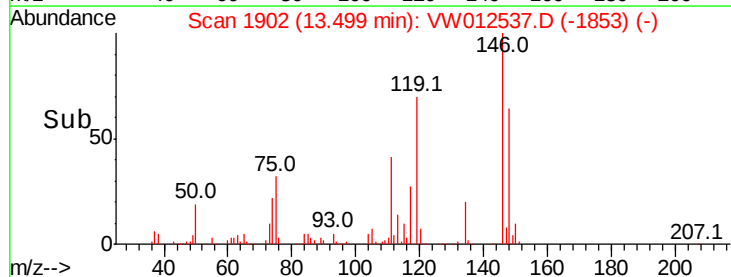
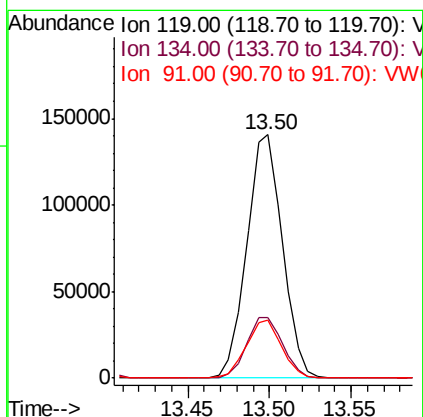
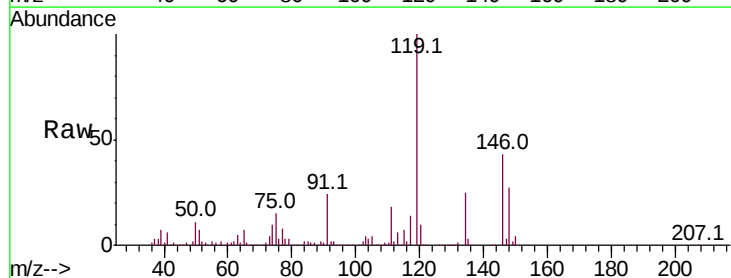
Instrument :
 MSVOA_W
 ClientSampleId :

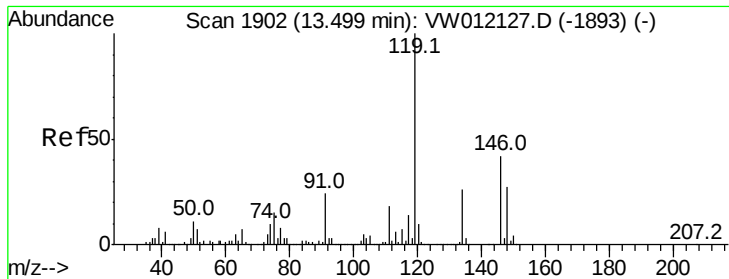
Tot Ion:105 Resp: 232278
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.929 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion:119 Resp: 213792
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 23.8 12.3 36.9

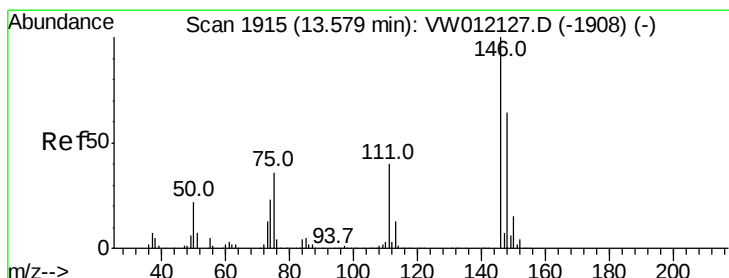
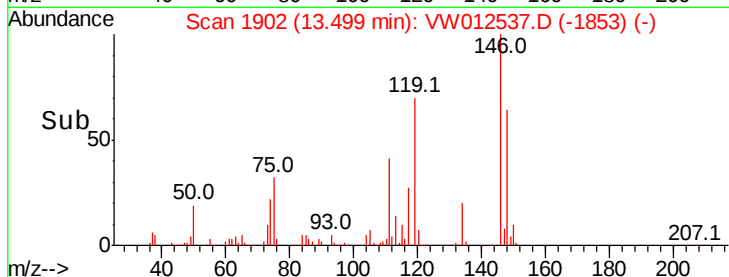
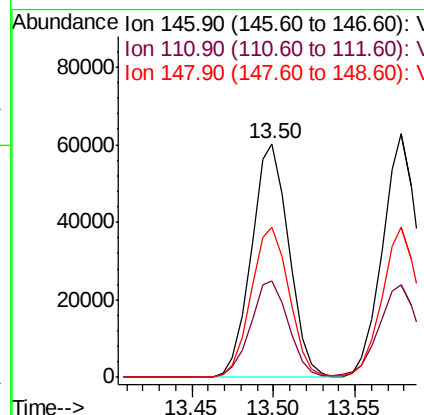
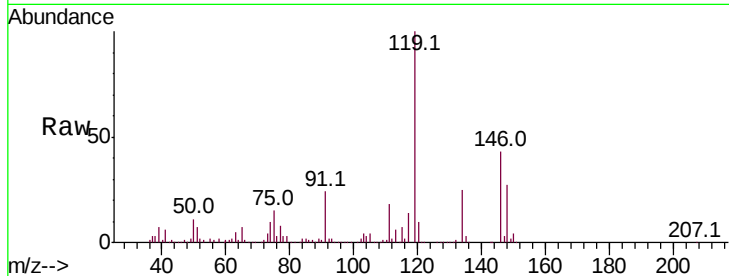




#87
 1,3-Dichlorobenzene
 Concen: 20.169 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

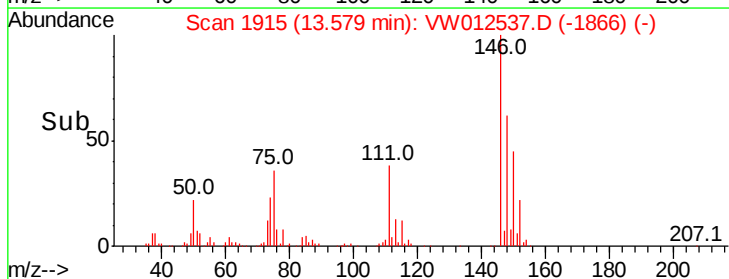
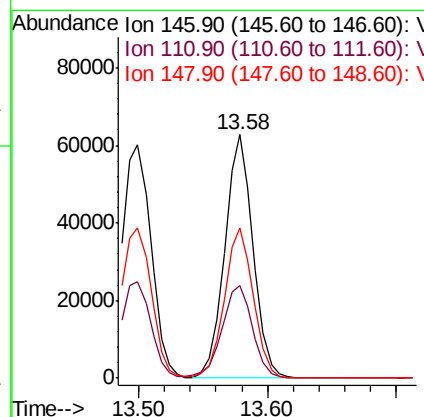
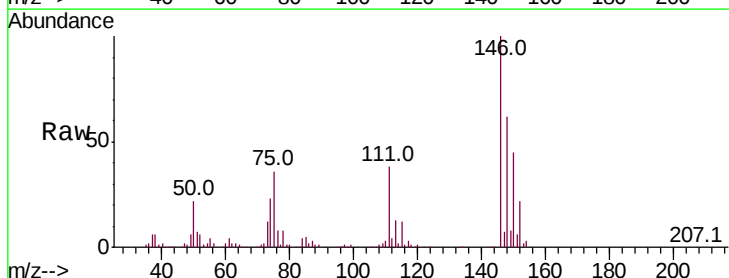
Instrument :
 MSVOA_W
 ClientSampled :

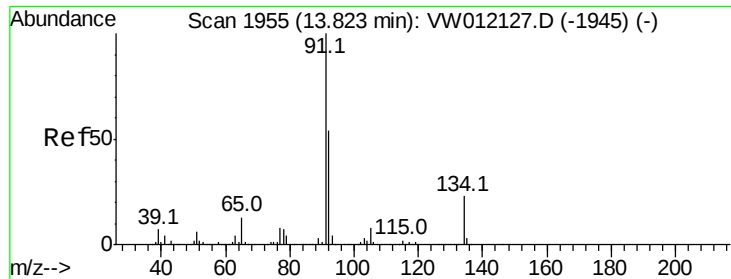
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.9	62.7
148	65.3	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.374 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	63.1	32.1	96.3





#89

n-Butylbenzene

Concen: 20.423 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012537.D

Acq: 03 Sep 2019 10:19

Instrument :

MSVOA_W

ClientSampleId :

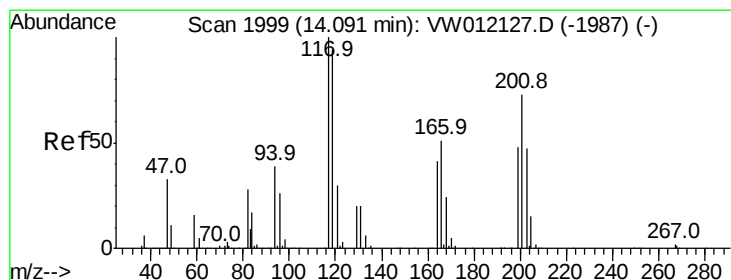
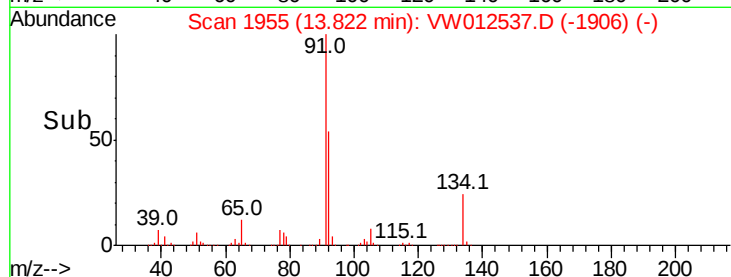
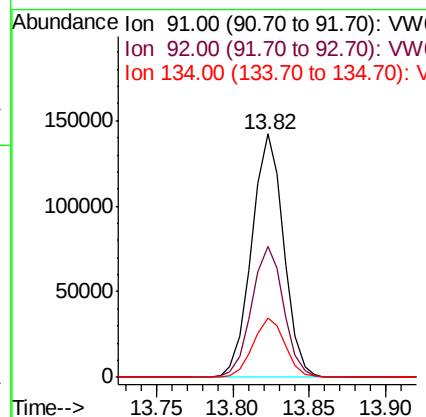
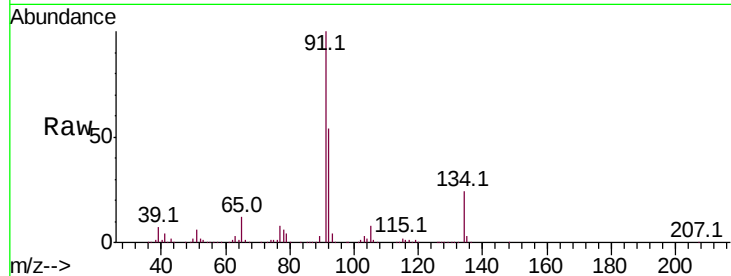
Tot Ion: 91 Resp: 207469

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

134 24.4 12.2 36.4



#90

Hexachloroethane

Concen: 19.353 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012537.D

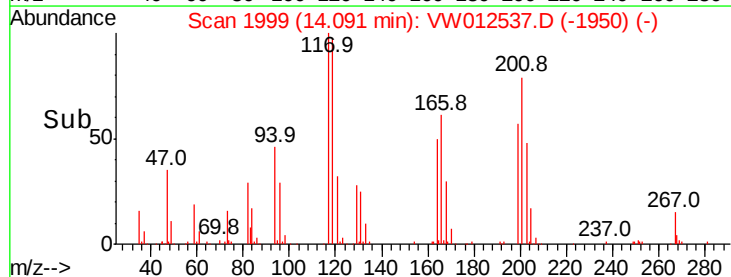
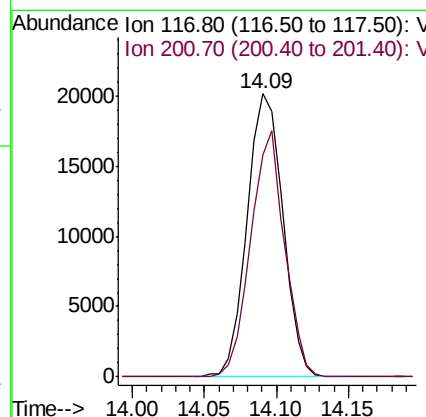
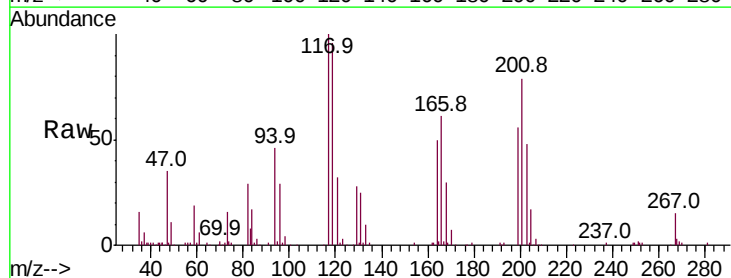
Acq: 03 Sep 2019 10:19

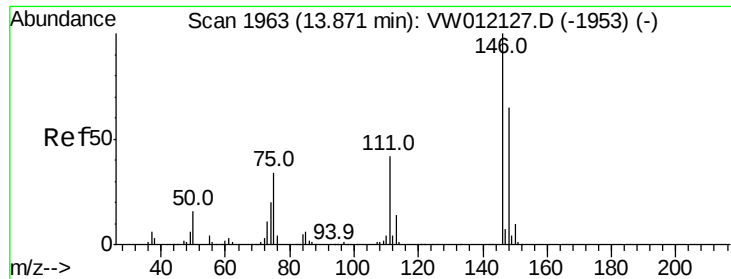
Tgt Ion: 117 Resp: 34686

Ion Ratio Lower Upper

117 100

201 82.0 38.6 115.7

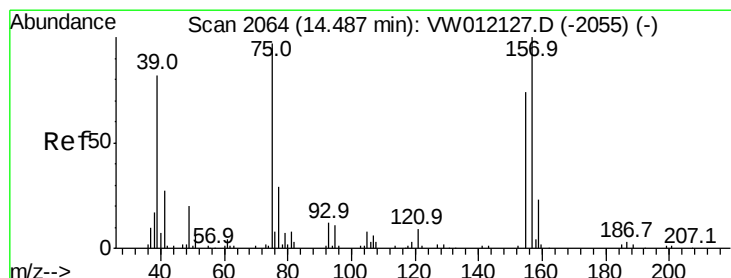
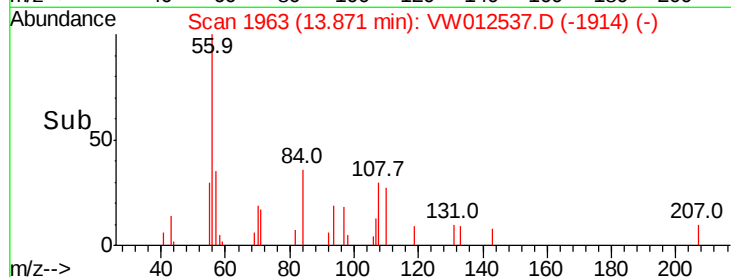
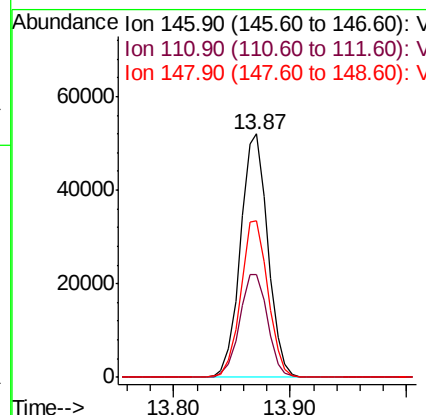
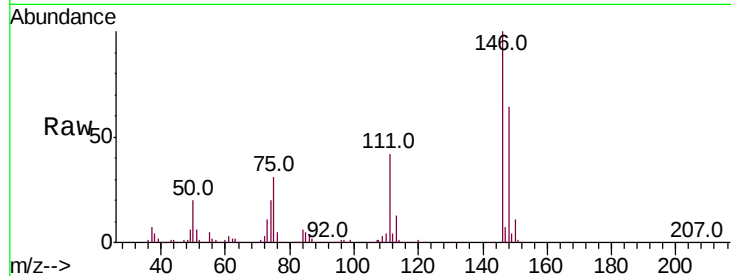




#91
 1,2-Dichlorobenzene
 Concen: 20.318 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

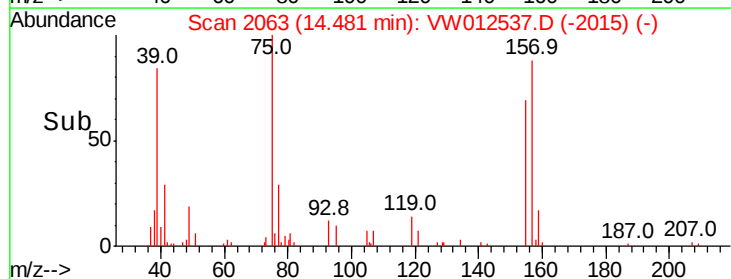
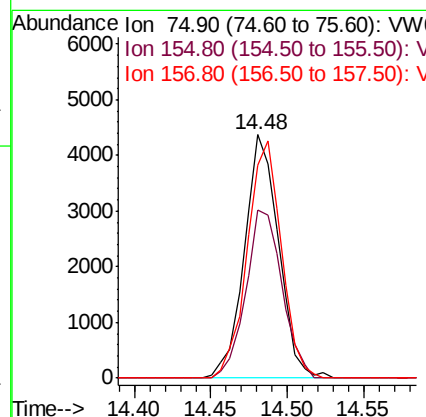
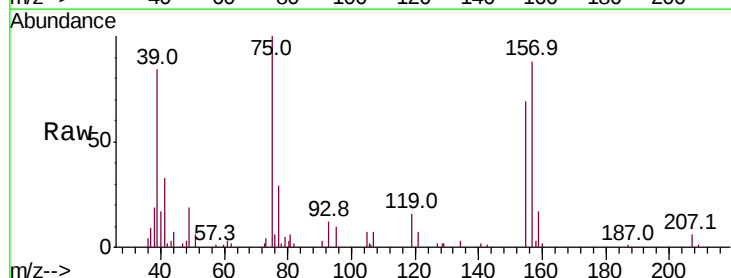
Instrument :
 MSVOA_W
 ClientSampleId :

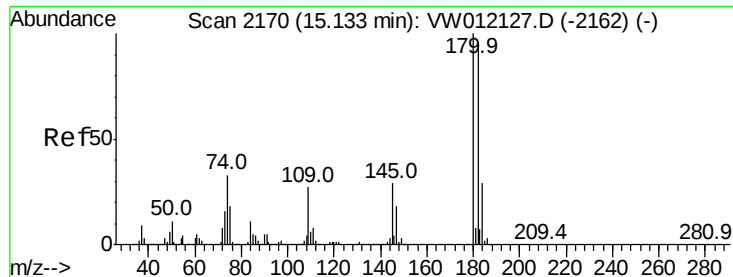
Tot Ion:146 Resp: 85074
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.2 63.6
 148 64.0 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.402 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion: 75 Resp: 6764
 Ion Ratio Lower Upper
 75 100
 155 73.3 37.5 112.3
 157 97.7 50.5 151.5

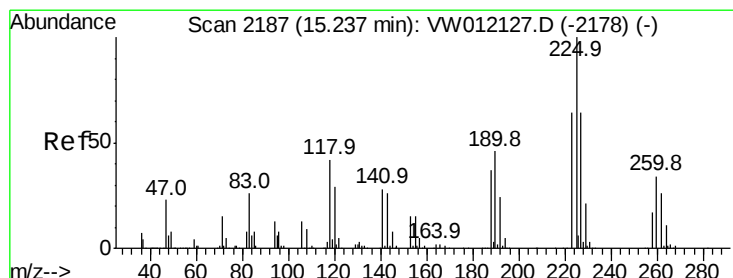
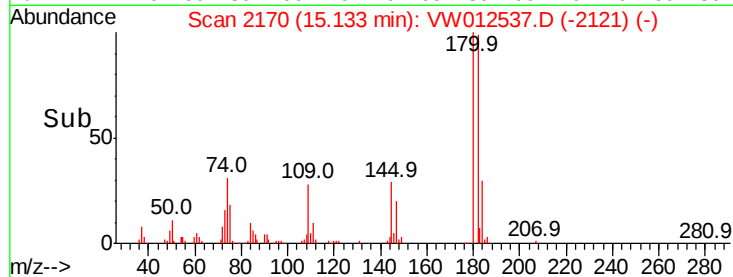
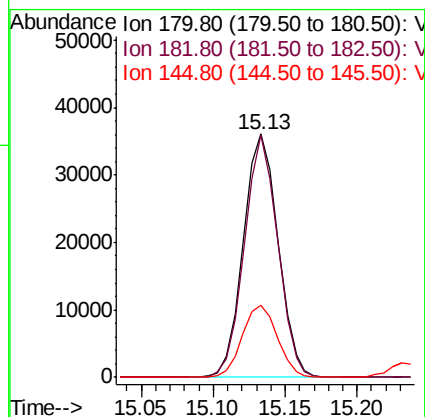
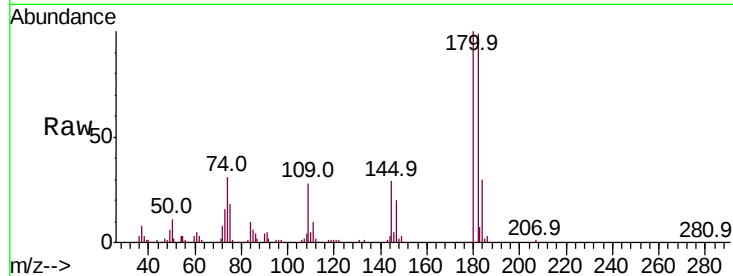




#93
 1,2,4-Trichlorobenzene
 Concen: 20.824 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

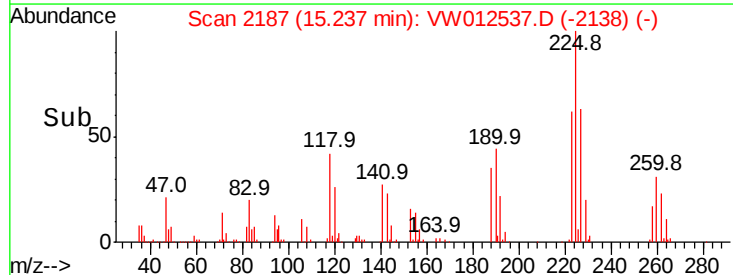
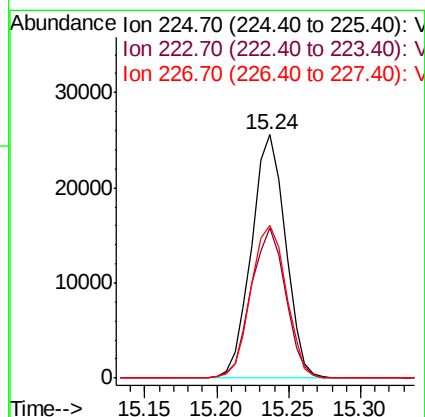
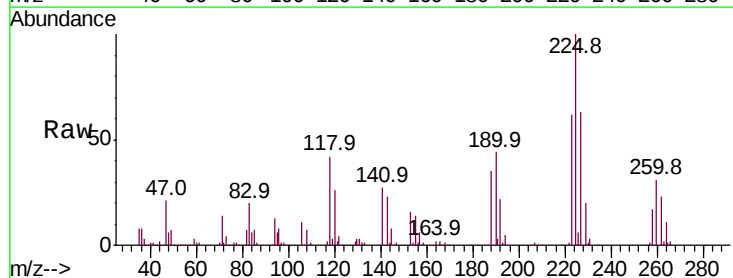
Instrument :
 MSVOA_W
 ClientSampleId :

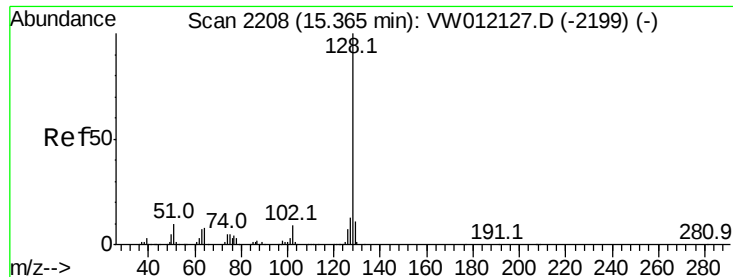
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.8	143.4	
145	30.1	15.0	45.1	



#94
 Hexachlorobutadiene
 Concen: 21.877 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012537.D
 Acq: 03 Sep 2019 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	32.3	96.8	
227	65.2	32.9	98.6	

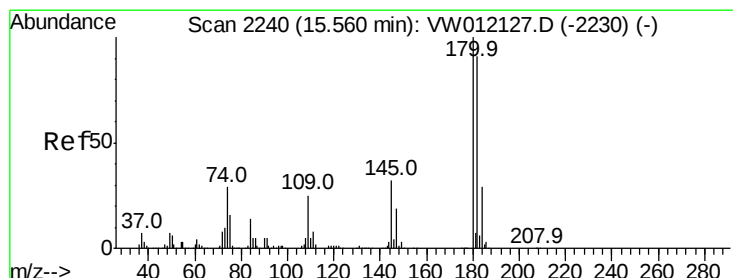
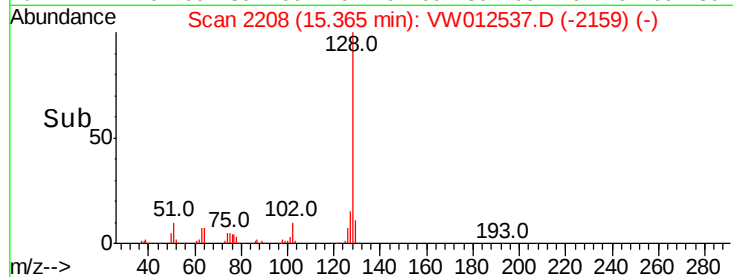
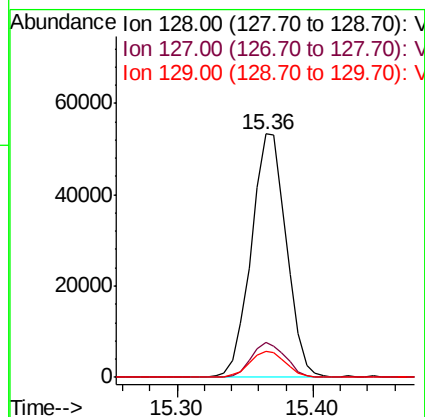
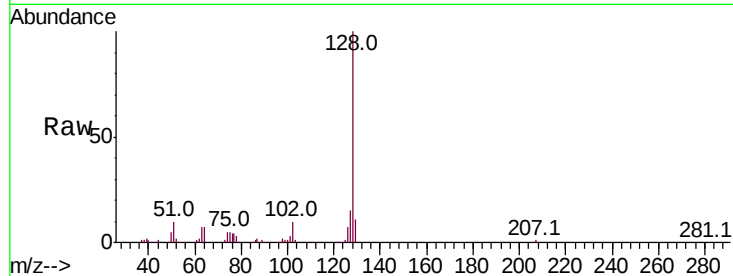




#95
Naphthalene
Concen: 19.891 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 96770
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.529 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012537.D
Acq: 03 Sep 2019 10:19

Tgt Ion:180 Resp: 51828
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 31.3 16.2 48.5

