

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014009.D
 Acq On : 13 Nov 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 14 05:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	177102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	117645	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	
35) Dibromofluoromethane	7.88	113	113371	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.32	98	465317	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.62	95	162340	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	69219	47.945	ug/l	98
3) Chloromethane	2.21	50	64490	41.564	ug/l	97
4) Vinyl Chloride	2.36	62	116524	49.729	ug/l	98
5) Bromomethane	2.76	94	70844	45.971	ug/l	99
6) Chloroethane	2.92	64	69761	49.202	ug/l	99
7) Trichlorofluoromethane	3.25	101	55627	38.007	ug/l	96
8) Diethyl Ether	3.68	74	66603	56.326	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122721	51.578	ug/l	97
10) Methyl Iodide	4.28	142	194876	50.262	ug/l	100
11) Tert butyl alcohol	5.17	59	51949	423.301	ug/l	97
12) 1,1-Dichloroethene	4.04	96	129235	52.583	ug/l	99
13) Acrolein	3.89	56	37573	267.233	ug/l	97
14) Allyl chloride	4.66	41	167498	44.322	ug/l	98
15) Acrylonitrile	5.36	53	168706	350.877	ug/l	98
16) Acetone	4.12	43	148827	341.438	ug/l	98
17) Carbon Disulfide	4.39	76	343504	48.667	ug/l	99
18) Methyl Acetate	4.66	43	86529	72.418	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	174690	59.231	ug/l	97
20) Methylene Chloride	4.92	84	134002	56.493	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	132743	50.182	ug/l	96
22) Diisopropyl ether	6.31	45	369011	53.530	ug/l	99
23) Vinyl Acetate	6.25	43	1266331	316.589	ug/l	100
24) 1,1-Dichloroethane	6.21	63	225232	51.590	ug/l	99
25) 2-Butanone	7.17	43	240173	383.256	ug/l	96
26) 2,2-Dichloropropane	7.16	77	118474	46.928	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	143855	51.200	ug/l	100
28) Bromochloromethane	7.51	49	84971	54.503	ug/l #	99
29) Tetrahydrofuran	7.52	42	154182	397.407	ug/l	99
30) Chloroform	7.67	83	219776	50.923	ug/l	99
31) Cyclohexane	7.95	56	223524	48.923	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174723	51.589	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184972	51.026	ug/l	98
37) Ethyl Acetate	7.25	43	100091	72.129	ug/l	99
38) Carbon Tetrachloride	8.07	117	167572	51.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	241494	51.586	ug/l	99
40) Benzene	8.32	78	520625	50.748	ug/l	99
41) Methacrylonitrile	7.48	41	55767	64.446	ug/l	96
42) 1,2-Dichloroethane	8.40	62	144633	55.947	ug/l	100
43) Isopropyl Acetate	8.42	43	187442	70.568	ug/l	96
44) Trichloroethene	9.09	130	149006	50.706	ug/l	97
45) 1,2-Dichloropropane	9.37	63	129426	52.818	ug/l	99
46) Dibromomethane	9.46	93	68464	57.565	ug/l	98
47) Bromodichloromethane	9.64	83	161212	52.387	ug/l	98
48) Methyl methacrylate	9.43	41	92719	70.391	ug/l	99
49) 1,4-Dioxane	9.45	88	27636	1572.490	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	500859	379.466	ug/l	99
52) Toluene	10.38	92	339175	51.255	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	178659	57.350	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	207133	53.892	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	103951	58.647	ug/l	99
56) Ethyl methacrylate	10.64	69	148444	66.938	ug/l	98
57) 1,3-Dichloropropane	10.93	76	175405	57.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	350076	343.001	ug/l	99
59) 2-Hexanone	10.96	43	355079	390.224	ug/l	98
60) Dibromochloromethane	11.13	129	119948	56.996	ug/l	99
61) 1,2-Dibromoethane	11.23	107	102172	60.929	ug/l	100
64) Tetrachloroethene	10.86	164	127220	49.531	ug/l	98
65) Chlorobenzene	11.65	112	358197	51.852	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	129255	53.613	ug/l	99
67) Ethyl Benzene	11.73	91	645659	51.834	ug/l	100
68) m/p-Xylenes	11.84	106	497774	103.432	ug/l	99
69) o-Xylene	12.16	106	231126	52.249	ug/l	99
70) Styrene	12.18	104	405375	53.337	ug/l	99
71) Bromoform	12.35	173	79494	62.831	ug/l	97
73) Isopropylbenzene	12.46	105	648190	50.965	ug/l	100
74) N-amyl acetate	12.27	43	172124	69.962	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	129137	64.343	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	164568	129.394	ug/l #	100
77) Bromobenzene	12.74	156	158345	52.118	ug/l	96
78) n-propylbenzene	12.80	91	754530	51.257	ug/l	100
79) 2-Chlorotoluene	12.89	91	417028	50.411	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	548002	51.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44027	65.421	ug/l	99
82) 4-Chlorotoluene	12.99	91	435469	50.141	ug/l	99
83) tert-Butylbenzene	13.21	119	487054	51.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	540658	51.050	ug/l	100
85) sec-Butylbenzene	13.38	105	668875	51.326	ug/l	100
86) p-Isopropyltoluene	13.50	119	623030	51.323	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	301221	51.170	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296359	50.676	ug/l	99
89) n-Butylbenzene	13.82	91	565319	51.592	ug/l	100
90) Hexachloroethane	14.09	117	104856	49.694	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	272315	53.352	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21925	72.243	ug/l	99

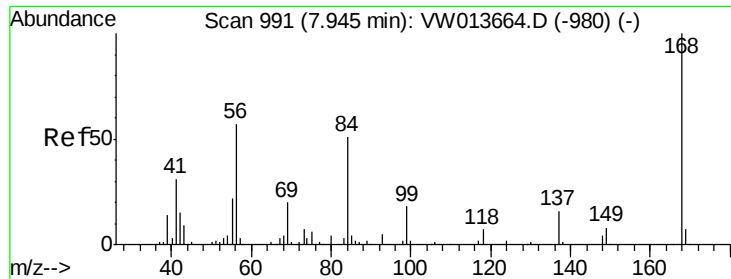
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	205198	55.241	ug/l	98
94) Hexachlorobutadiene	15.24	225	131431	52.412	ug/l	98
95) Naphthalene	15.36	128	416689	71.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	188042	58.749	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

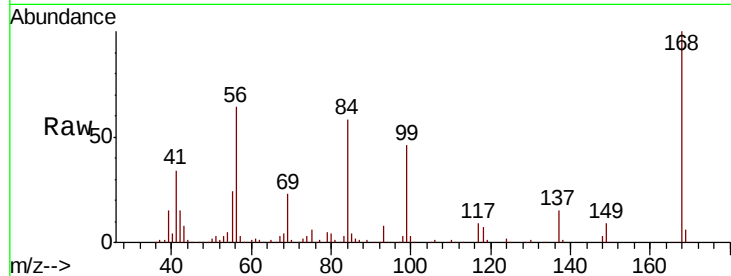
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 274040

Ion Ratio Lower Upper

168 100

99 46.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

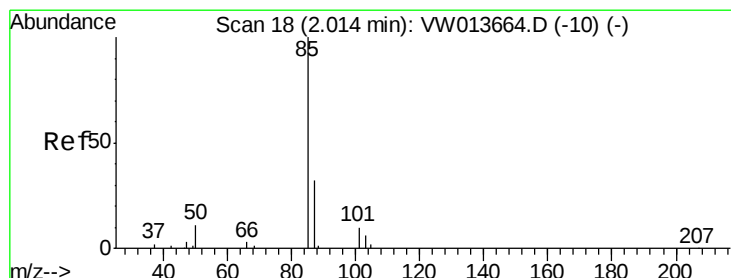
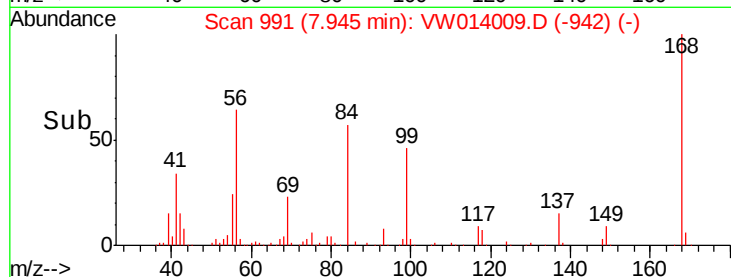
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.945 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW014009.D

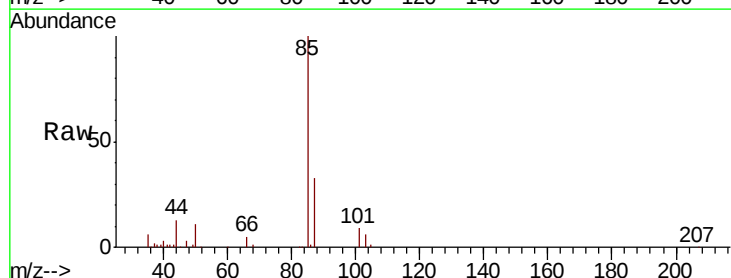
Acq: 13 Nov 2019 16:16

Tgt Ion: 85 Resp: 69219

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

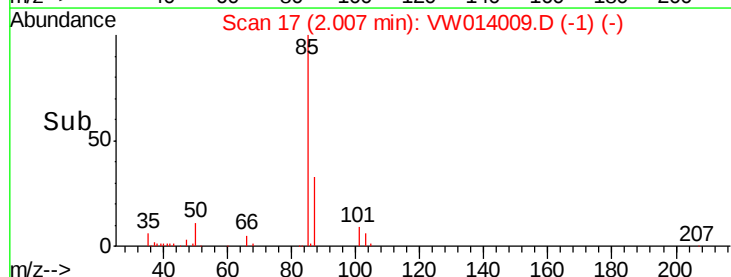
15000

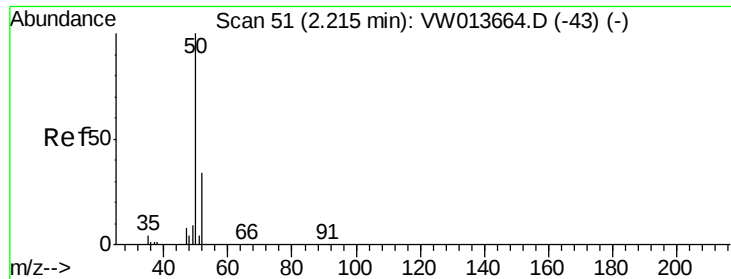
10000

5000

0

Time-->





#3

Chloromethane

Concen: 41.564 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

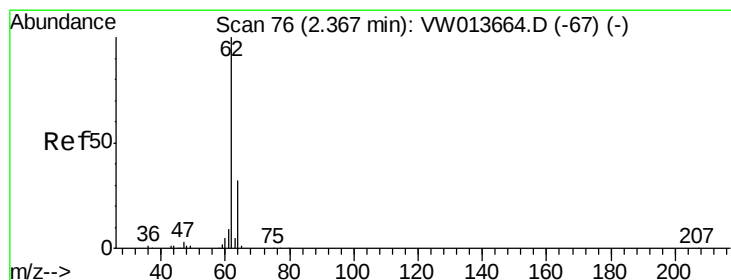
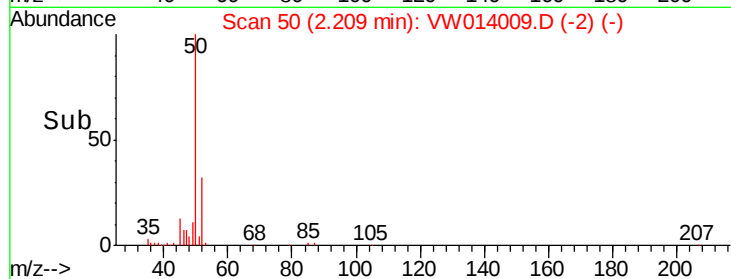
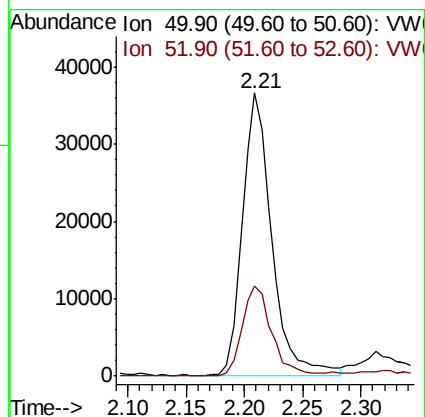
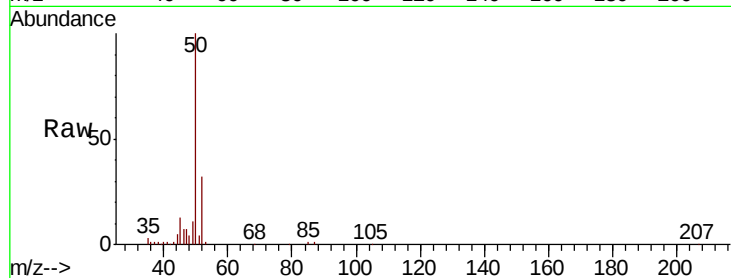
ClientSampleId :

Tot Ion: 50 Resp: 64490

Ion Ratio Lower Upper

50 100

52 31.7 26.9 40.3



#4

Vinyl Chloride

Concen: 49.729 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW014009.D

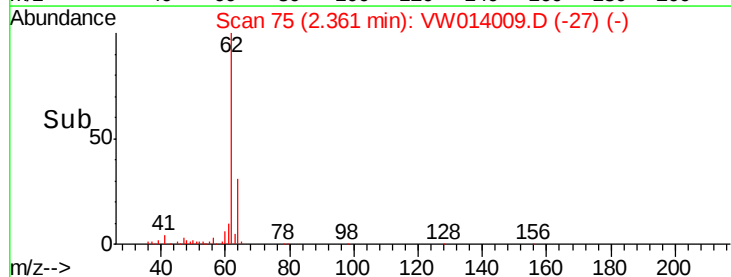
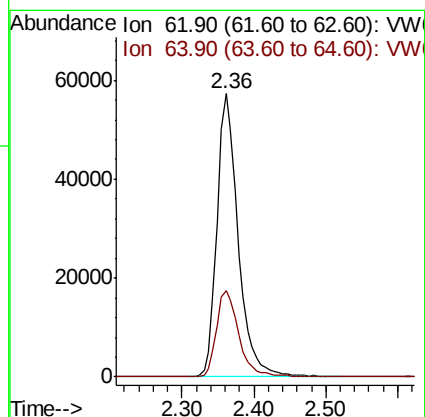
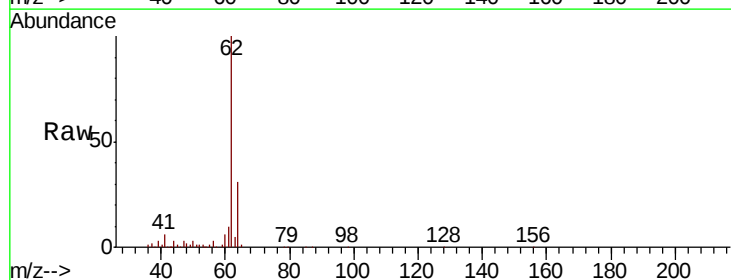
Acq: 13 Nov 2019 16:16

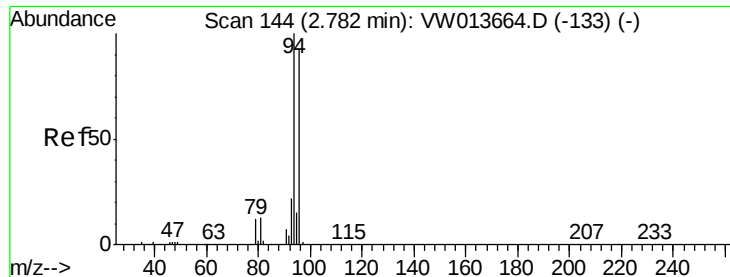
Tgt Ion: 62 Resp: 116524

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 45.971 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.02 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

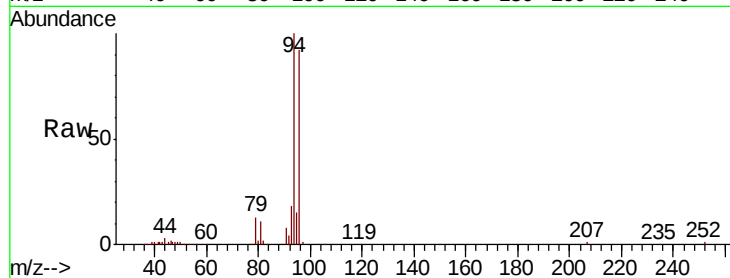
ClientSampleId :

Tot Ion: 94 Resp: 70844

Ion Ratio Lower Upper

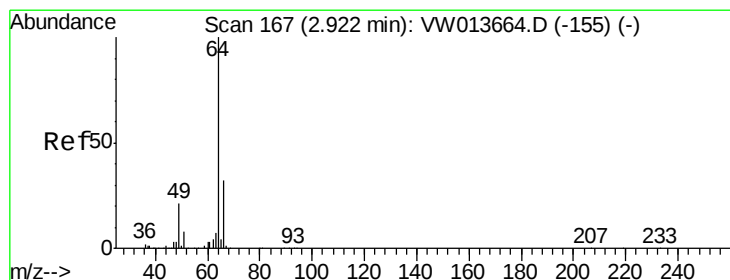
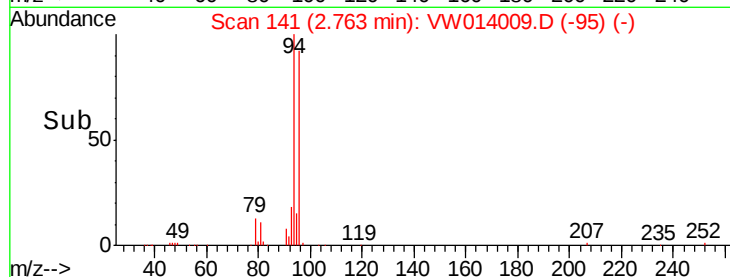
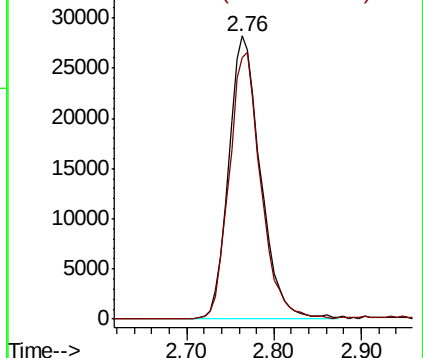
94 100

96 92.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.202 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW014009.D

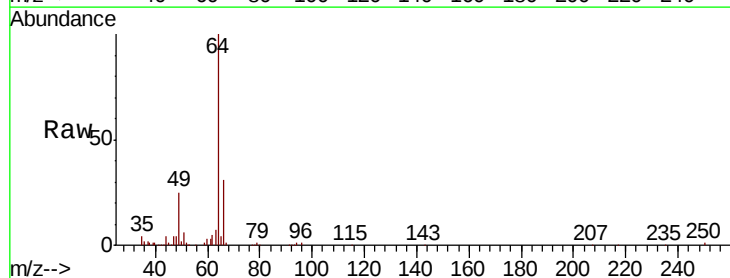
Acq: 13 Nov 2019 16:16

Tgt Ion: 64 Resp: 69761

Ion Ratio Lower Upper

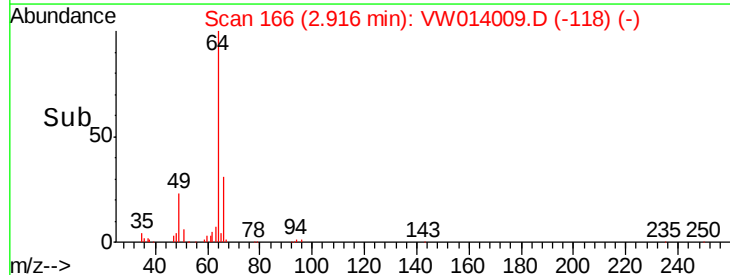
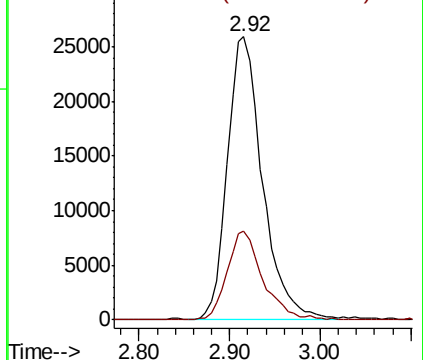
64 100

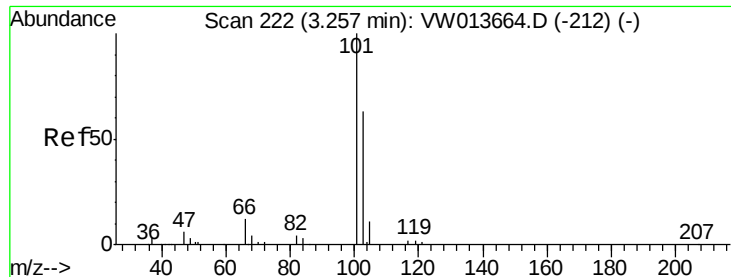
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



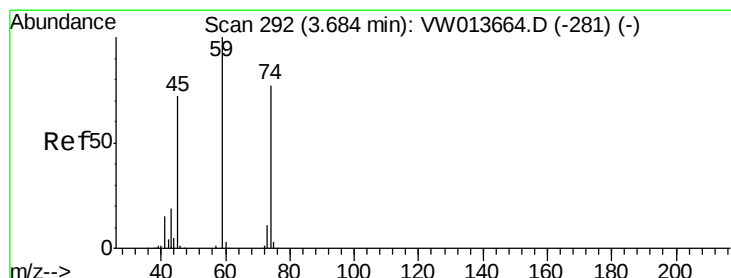
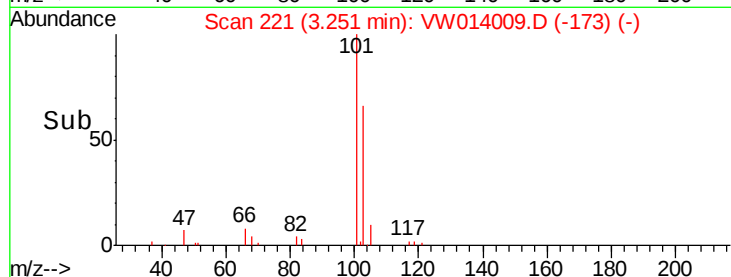
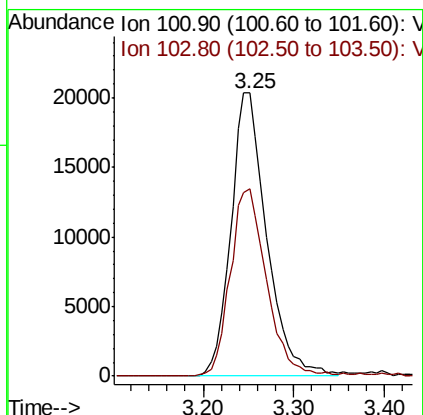
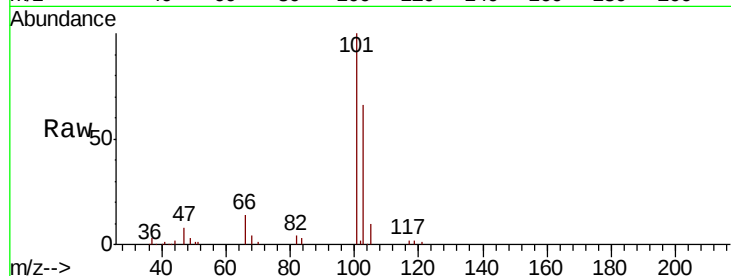


#7

Trichlorofluoromethane
 Concen: 38.007 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :

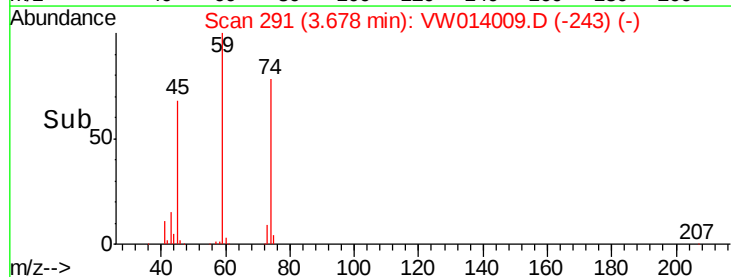
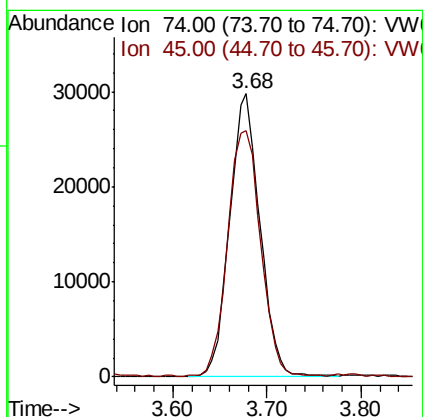
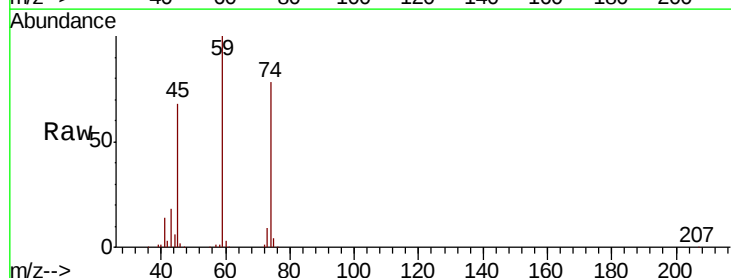
Tot Ion:101 Resp: 55627
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0

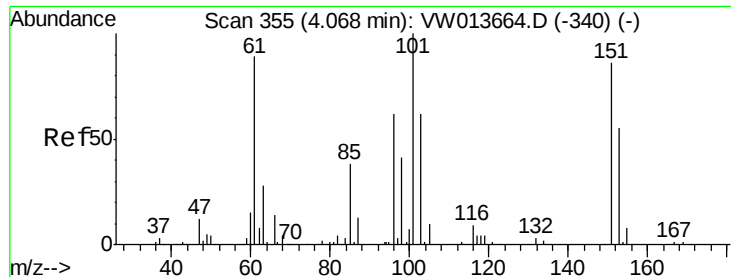


#8

Diethyl Ether
 Concen: 56.326 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 74 Resp: 66603
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.578 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

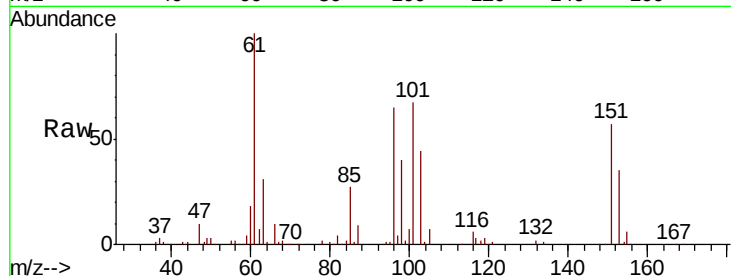
Tot Ion:101 Resp: 122721

Ion Ratio Lower Upper

101 100

85 41.6 31.0 46.6

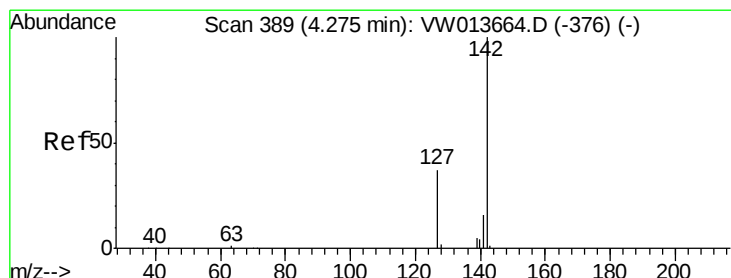
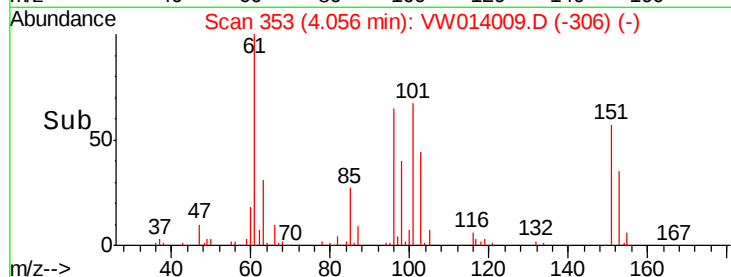
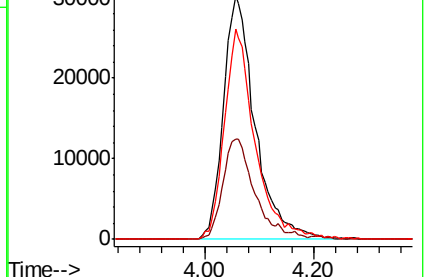
151 83.7 68.2 102.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.262 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

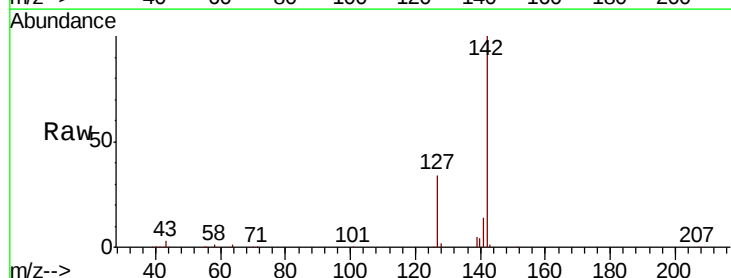
Tgt Ion:142 Resp: 194876

Ion Ratio Lower Upper

142 100

127 37.9 30.3 45.5

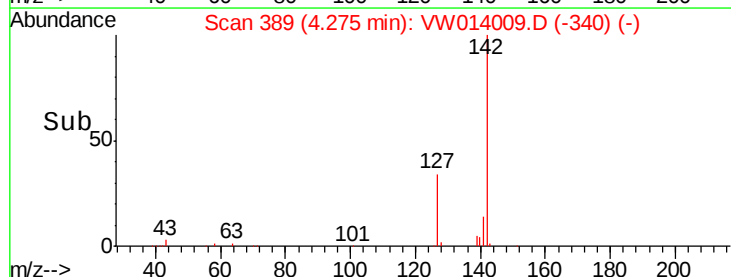
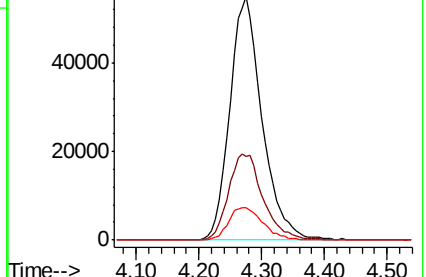
141 14.5 11.8 17.8

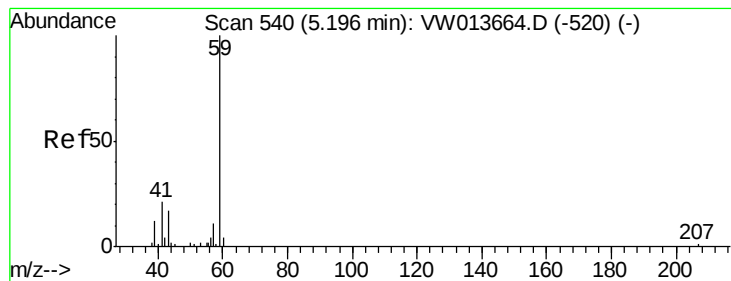


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



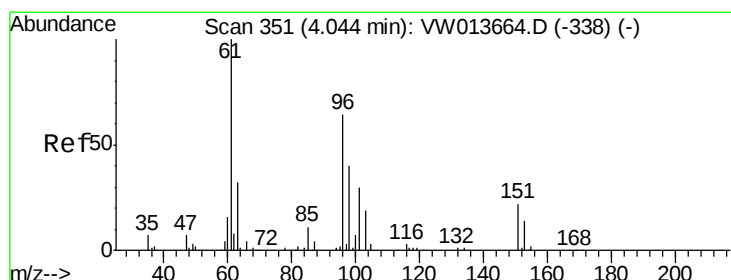
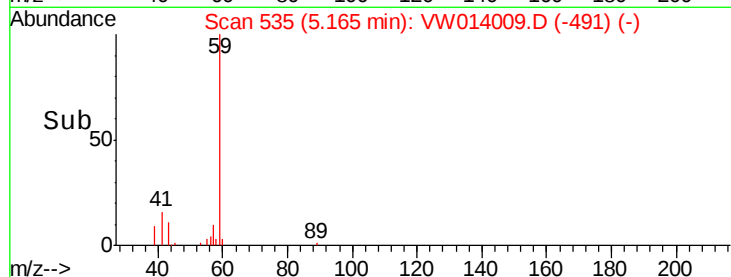
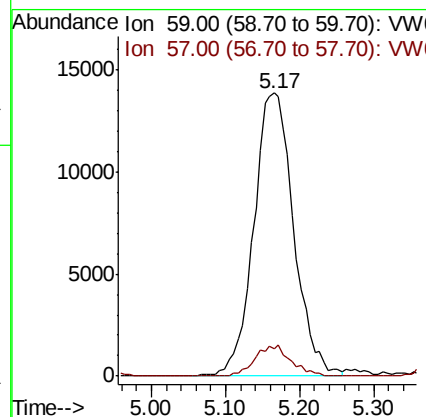
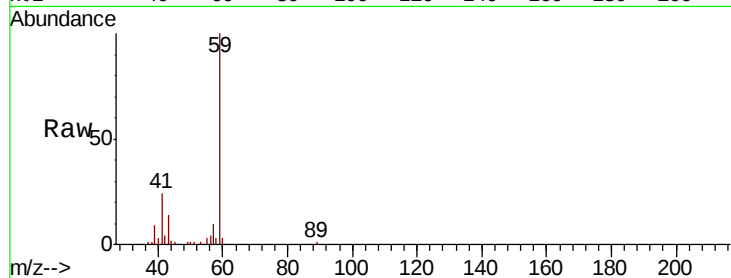


#11

Tert butyl alcohol
Concen: 423.301 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.03 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :

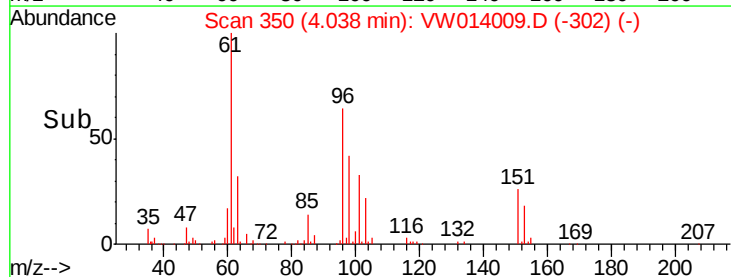
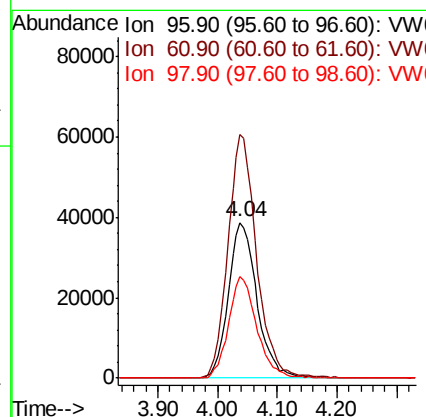
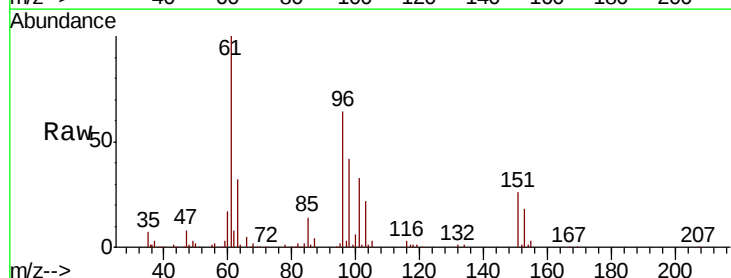
Tot Ion: 59 Resp: 51949
Ion Ratio Lower Upper
59 100
57 9.8 8.8 13.2

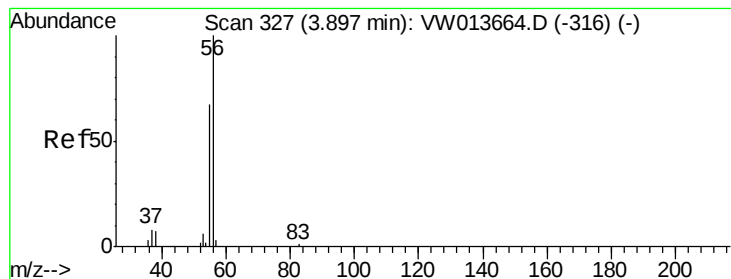


#12

1,1-Dichloroethene
Concen: 52.583 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 96 Resp: 129235
Ion Ratio Lower Upper
96 100
61 156.4 125.0 187.6
98 65.5 50.3 75.5





#13

Acrolein

Concen: 267.233 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

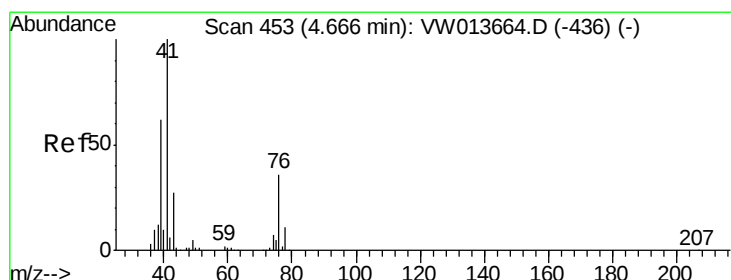
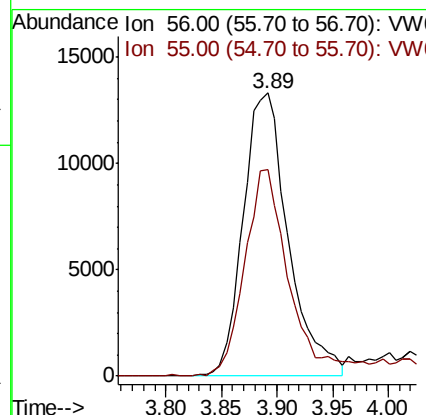
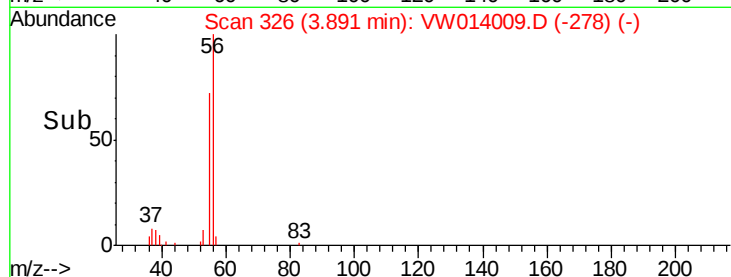
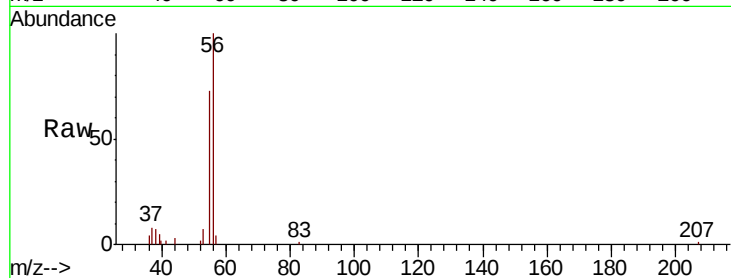
ClientSampled :

Tot Ion: 56 Resp: 37573

Ion Ratio Lower Upper

56 100

55 72.8 56.1 84.1



#14

Allyl chloride

Concen: 44.322 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

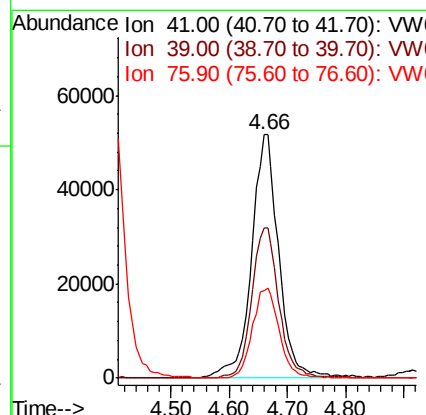
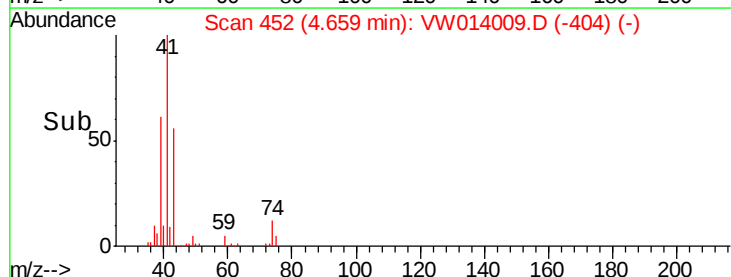
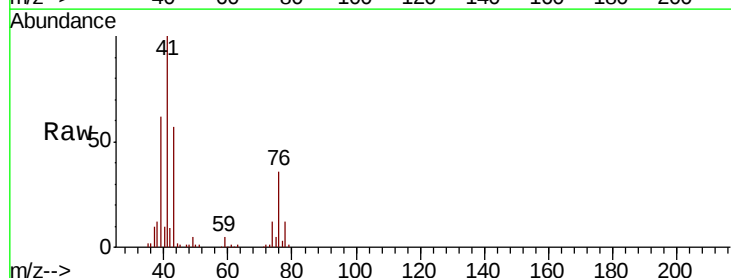
Tgt Ion: 41 Resp: 167498

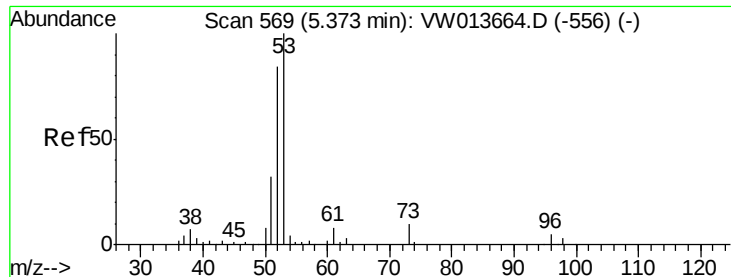
Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0

76 35.5 29.6 44.4

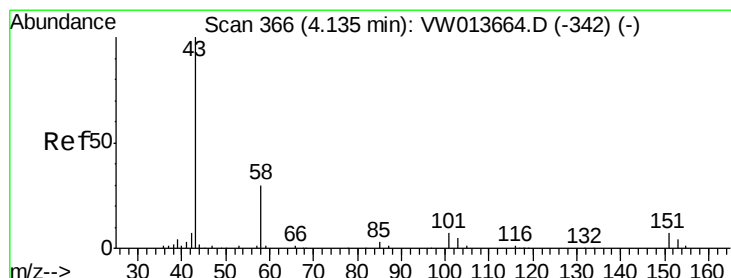
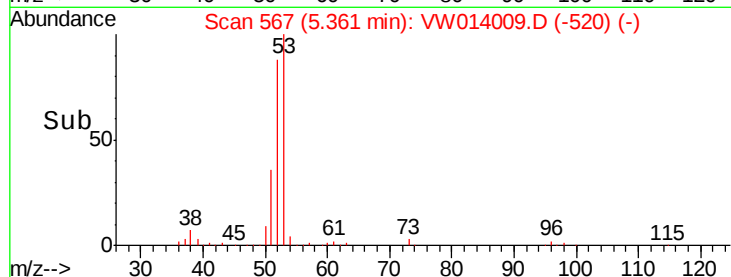
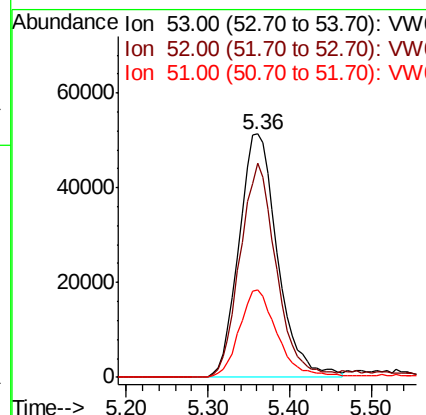
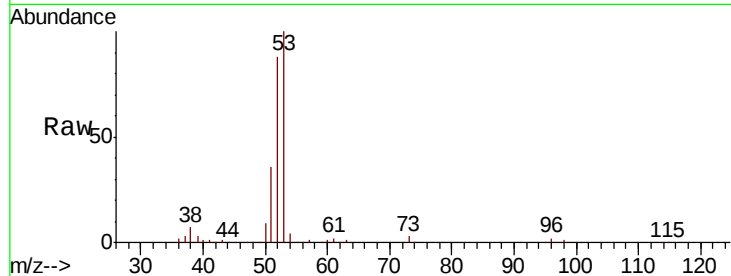




#15
 Acrylonitrile
 Concen: 350.877 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

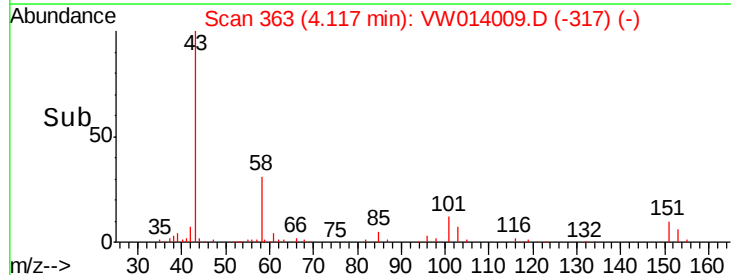
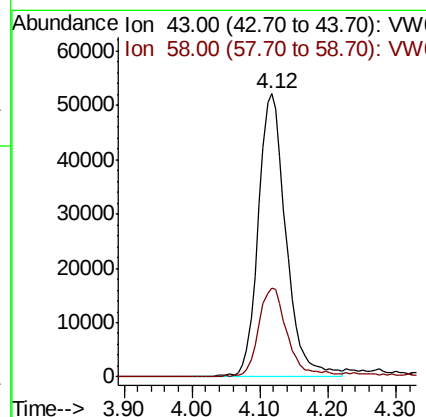
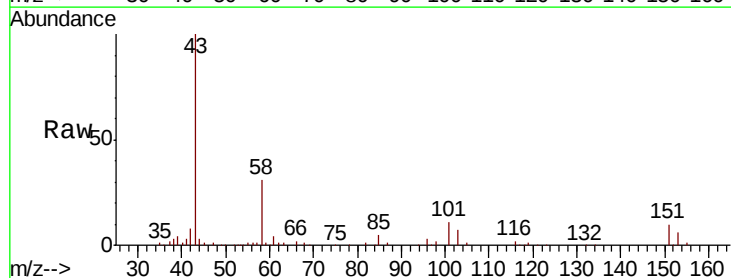
Instrument :
 MSVOA_W
 ClientSampleId :

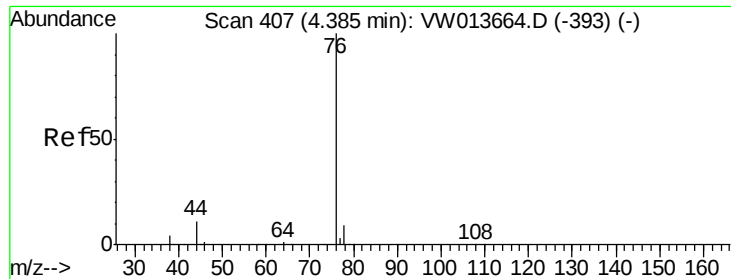
Tot Ion: 53 Resp: 168706
 Ion Ratio Lower Upper
 53 100
 52 82.2 67.4 101.0
 51 35.3 29.1 43.7



#16
 Acetone
 Concen: 341.438 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.02 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 43 Resp: 148827
 Ion Ratio Lower Upper
 43 100
 58 31.2 24.1 36.1

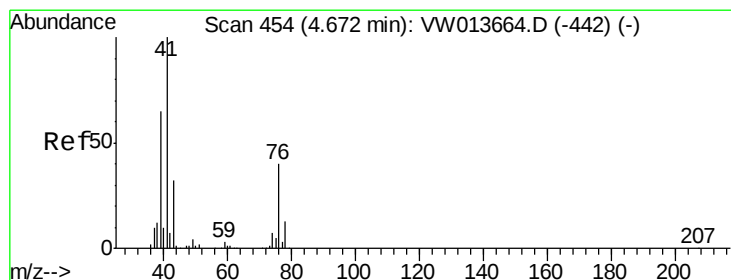
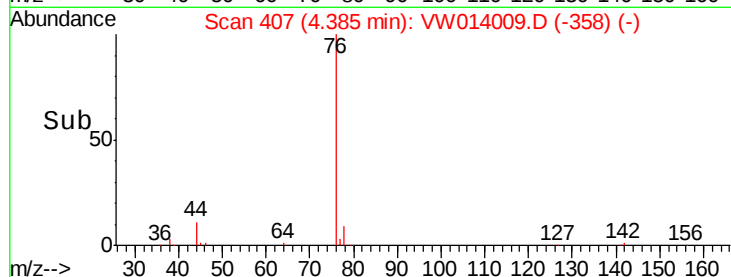
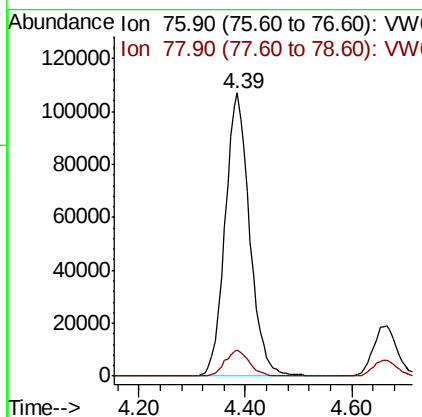
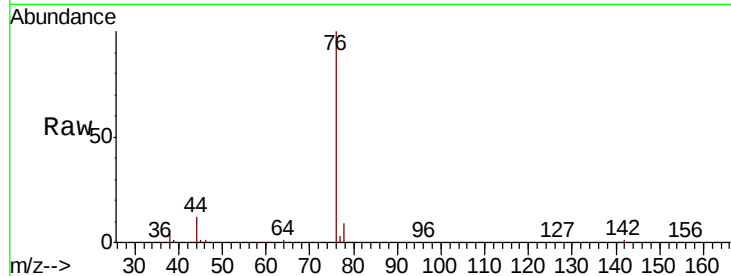




#17
Carbon Disulfide
Concen: 48.667 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

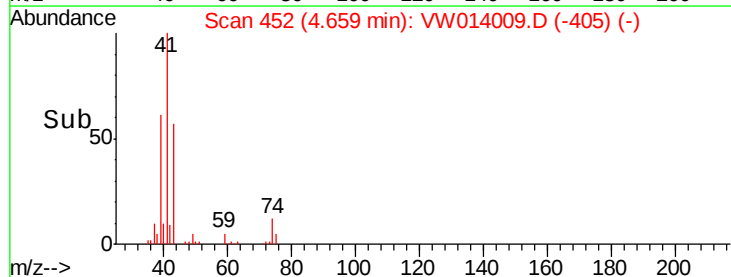
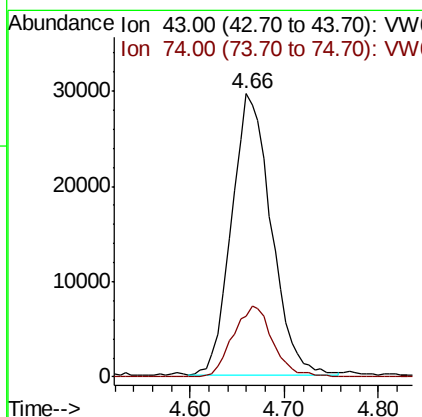
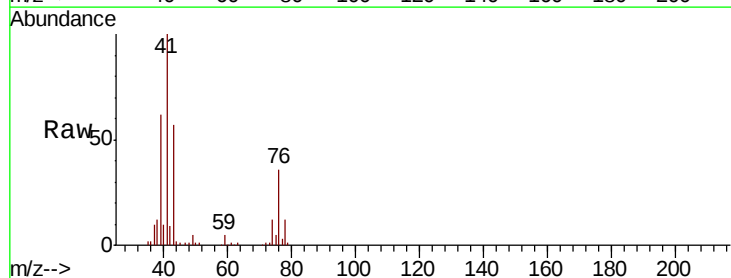
Instrument :
MSVOA_W
ClientSampled :

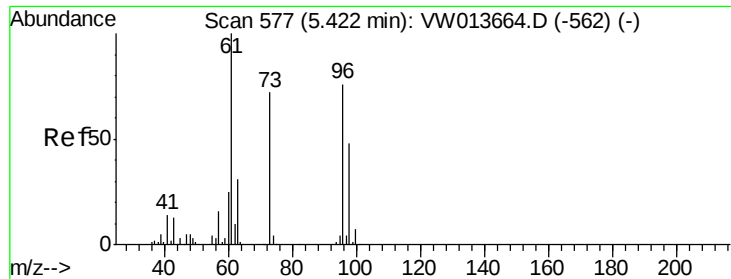
Tot Ion: 76 Resp: 343504
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 72.418 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 43 Resp: 86529
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.8

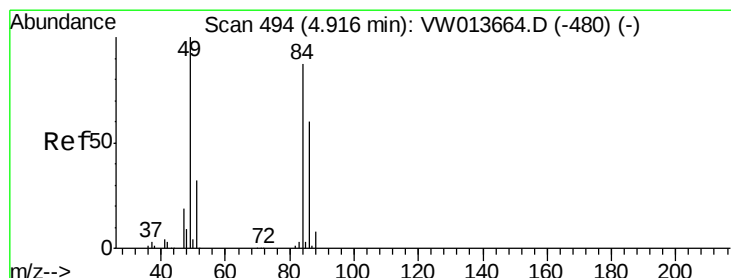
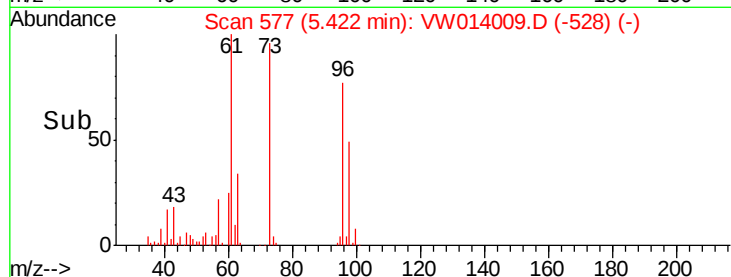
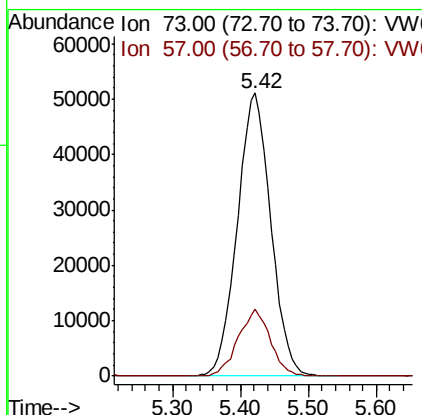
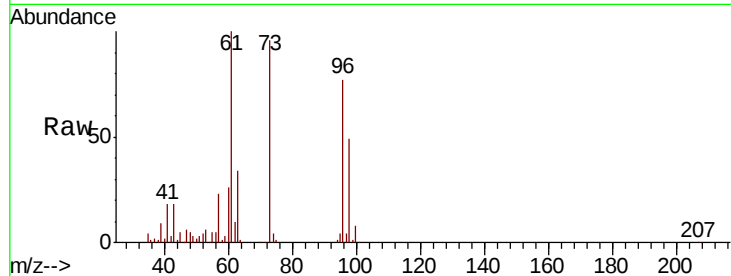




#19
Methyl tert-butyl Ether
Concen: 59.231 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

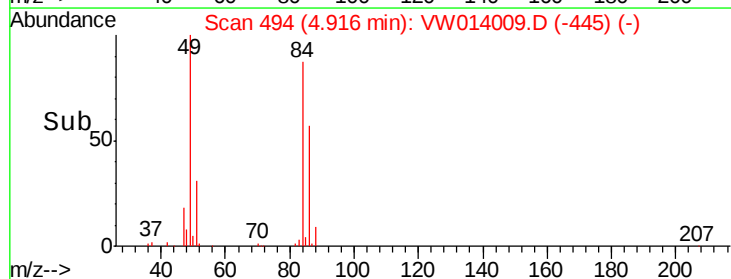
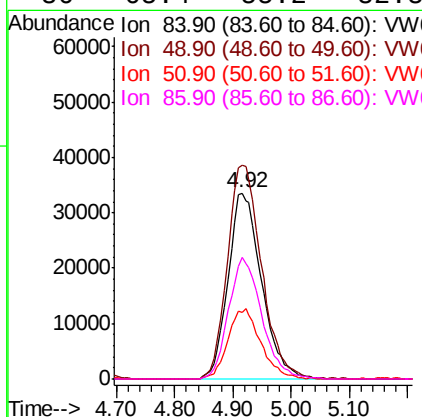
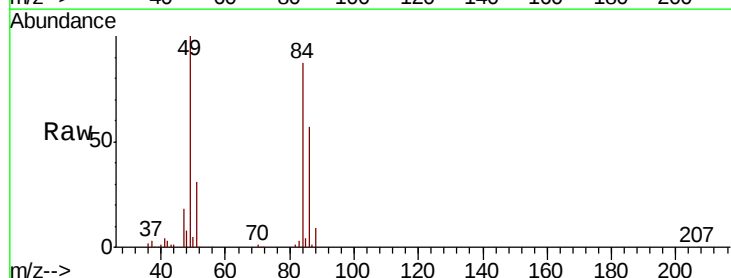
Instrument :
MSVOA_W
ClientSampled :

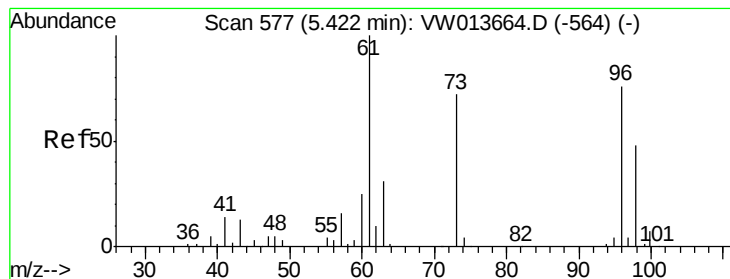
Tot Ion: 73 Resp: 174690
Ion Ratio Lower Upper
73 100
57 23.6 17.6 26.4



#20
Methylene Chloride
Concen: 56.493 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 84 Resp: 134002
Ion Ratio Lower Upper
84 100
49 115.1 91.8 137.6
51 35.8 29.8 44.6
86 65.4 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 50.182 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

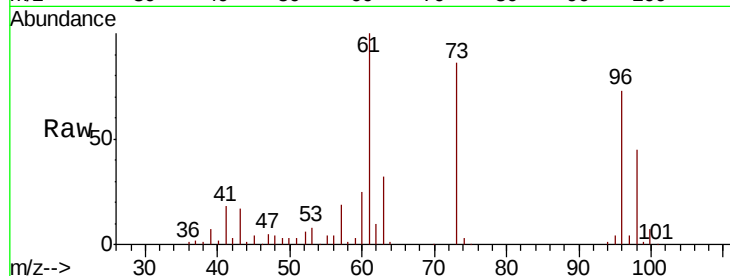
Tot Ion: 96 Resp: 132743

Ion Ratio Lower Upper

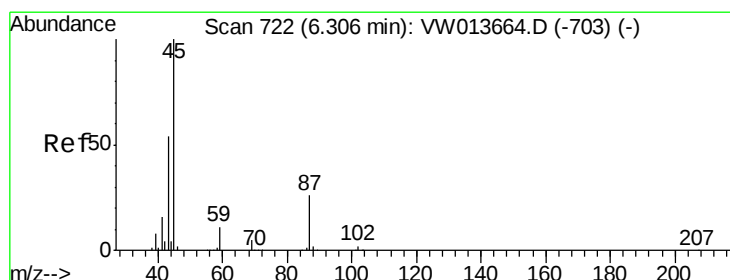
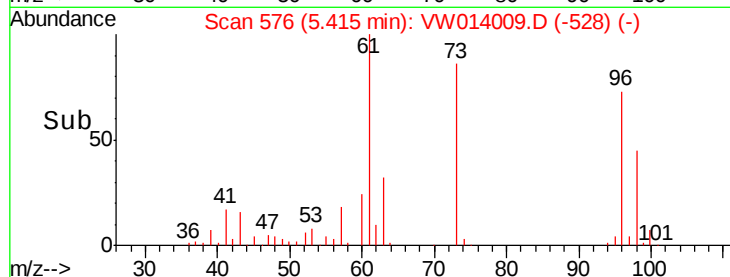
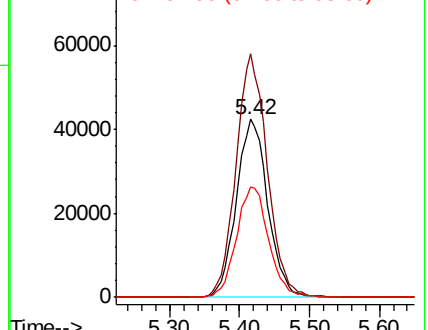
96 100

61 137.0 104.8 157.2

98 62.2 50.6 76.0



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: 53.530 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Tgt Ion: 45 Resp: 369011

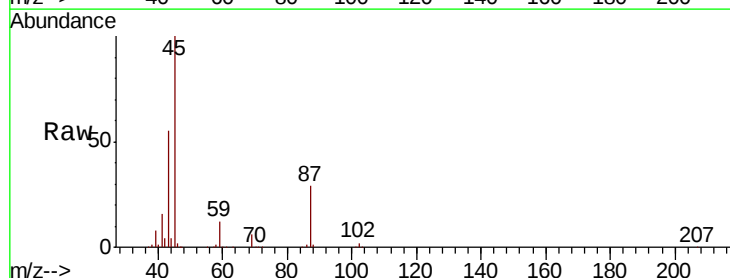
Ion Ratio Lower Upper

45 100

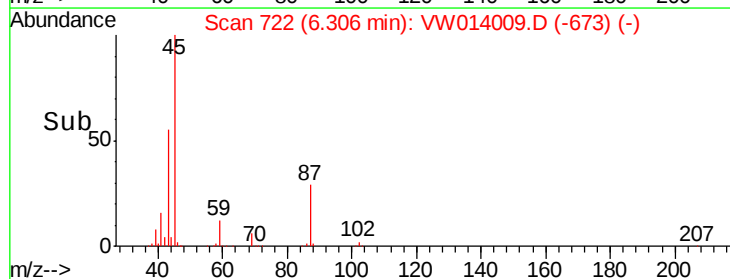
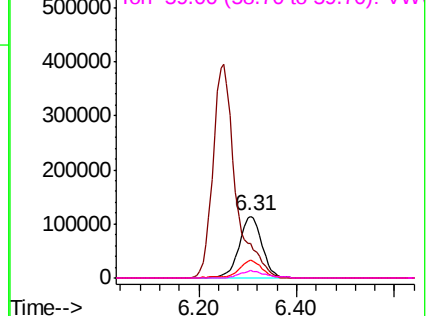
43 54.9 43.4 65.2

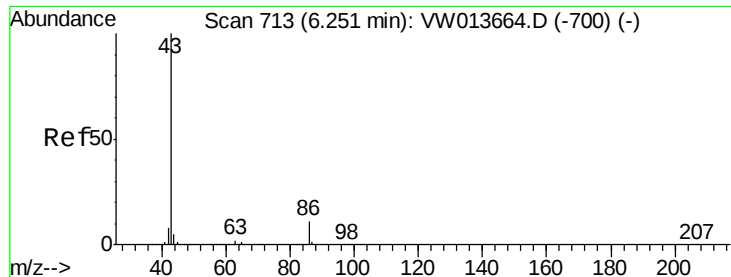
87 28.6 21.5 32.3

59 11.6 9.2 13.8



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: 316.589 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

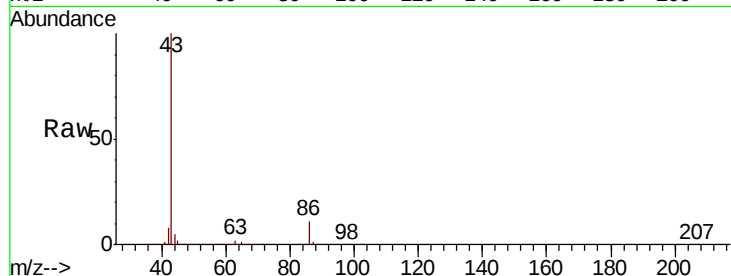
ClientSampleId :

Tot Ion: 43 Resp: 1266331

Ion Ratio Lower Upper

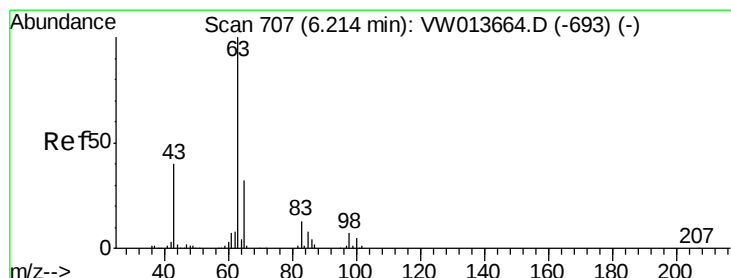
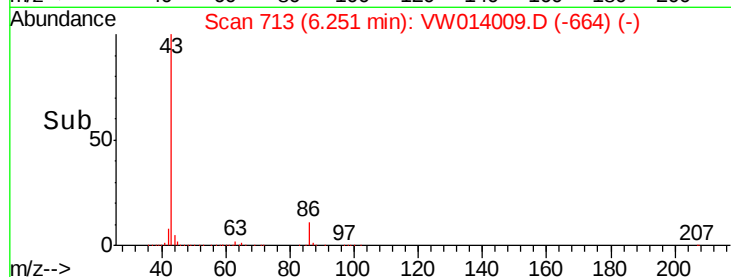
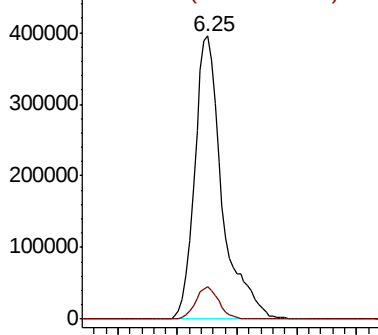
43 100

86 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.590 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

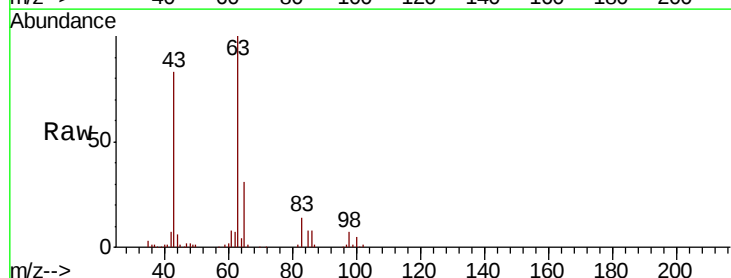
Tgt Ion: 63 Resp: 225232

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

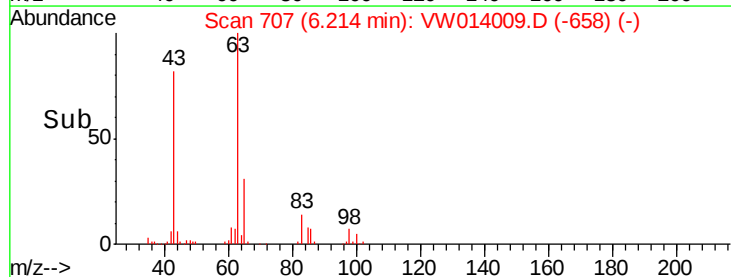
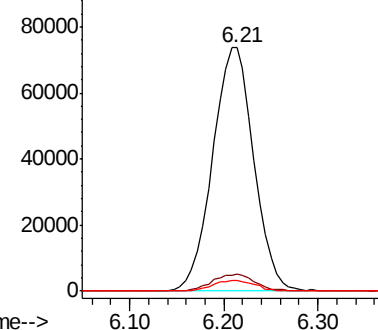
100 4.5 2.5 7.4

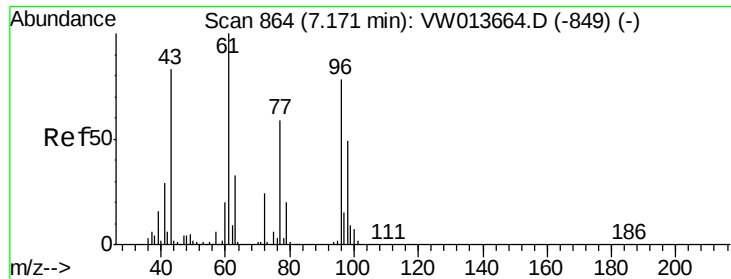


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 383.256 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

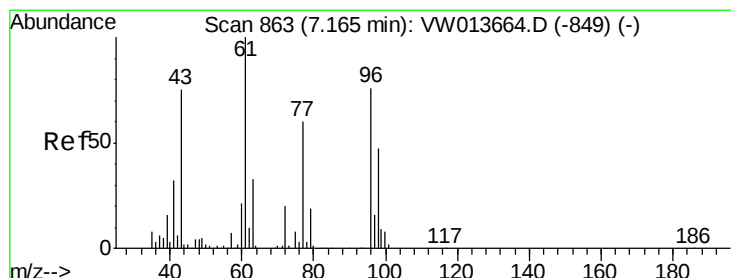
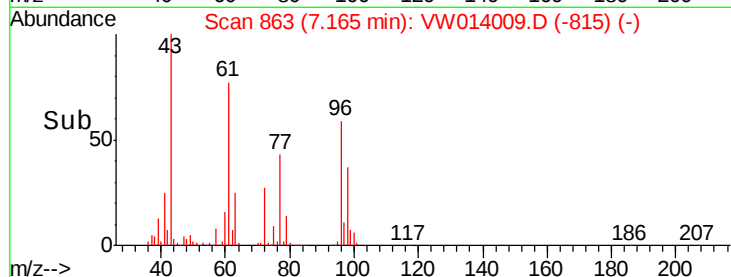
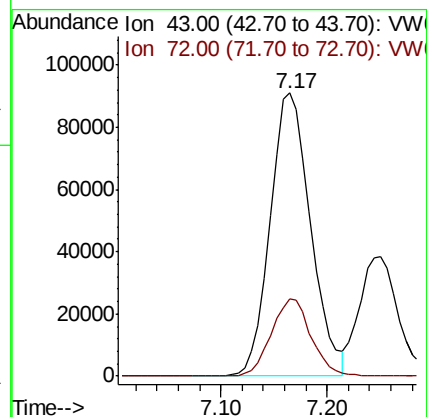
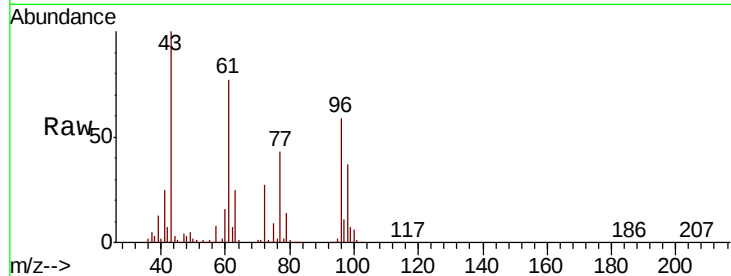
ClientSampled :

Tot Ion: 43 Resp: 240173

Ion Ratio Lower Upper

43 100

72 27.3 23.6 35.4



#26

2,2-Dichloropropane

Concen: 46.928 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014009.D

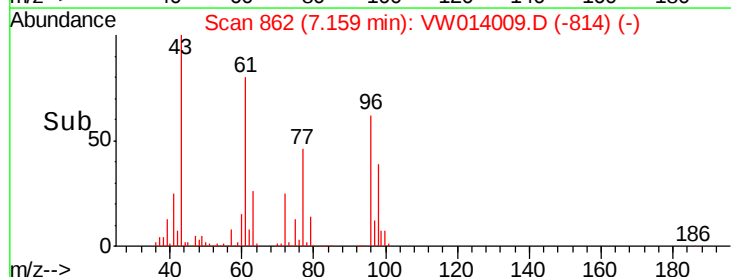
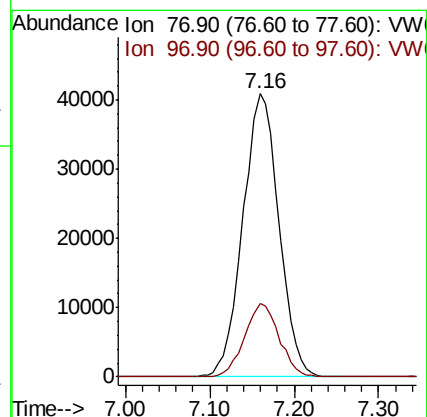
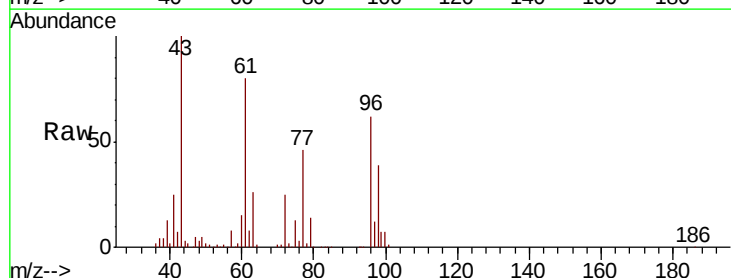
Acq: 13 Nov 2019 16:16

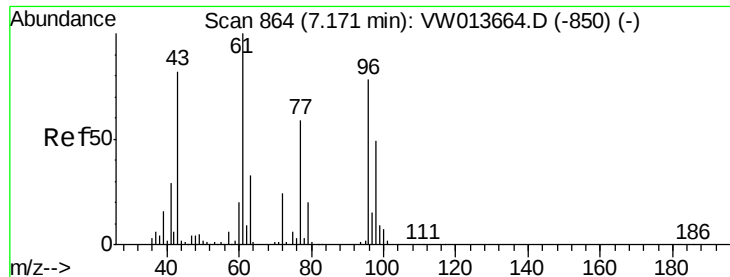
Tgt Ion: 77 Resp: 118474

Ion Ratio Lower Upper

77 100

97 24.8 12.8 38.4



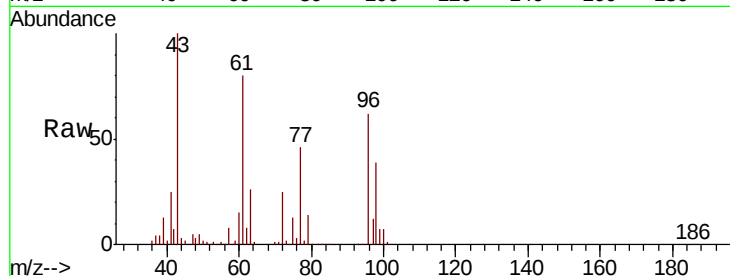


#27

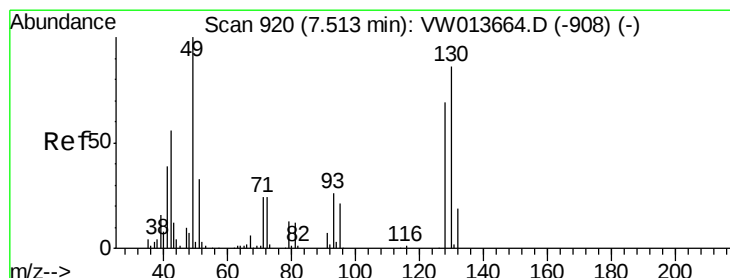
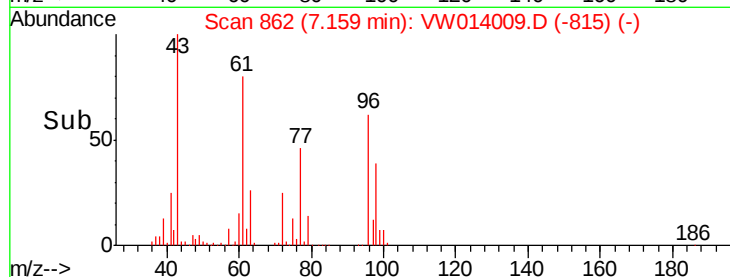
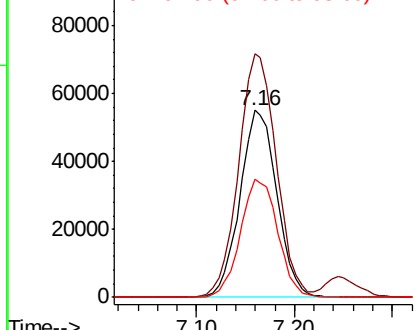
cis-1,2-Dichloroethene
Concen: 51.200 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 143855
Ion Ratio Lower Upper
96 100
61 133.4 0.0 266.0
98 64.1 0.0 126.8



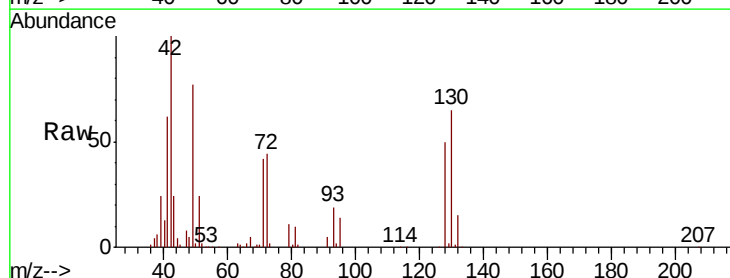
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



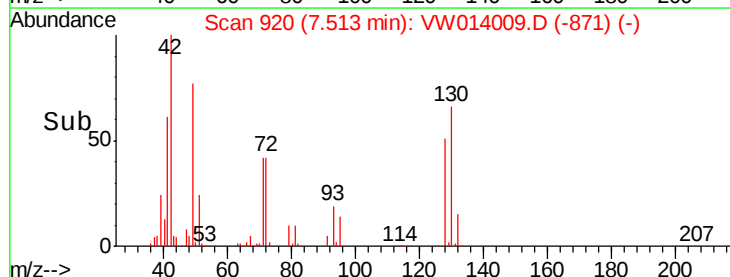
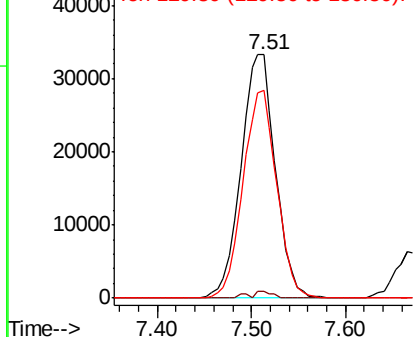
#28

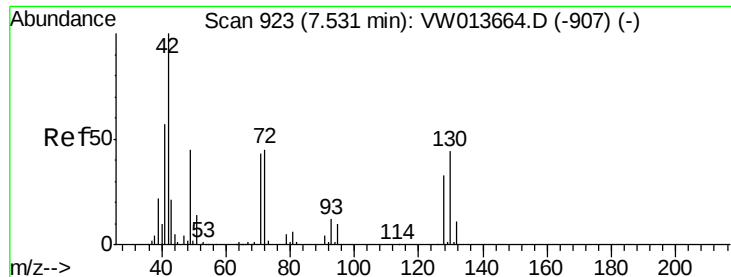
Bromochloromethane
Concen: 54.503 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 49 Resp: 84971
Ion Ratio Lower Upper
49 100
129 2.0 0.0 0.6#
130 83.8 67.5 101.3



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

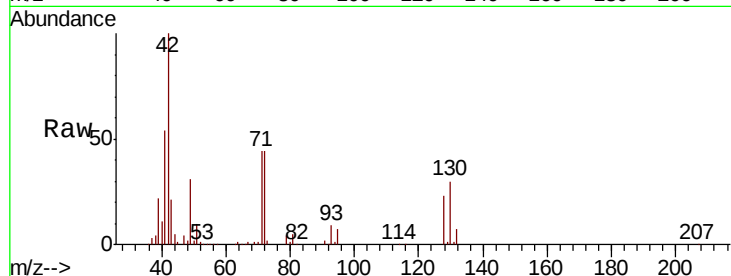




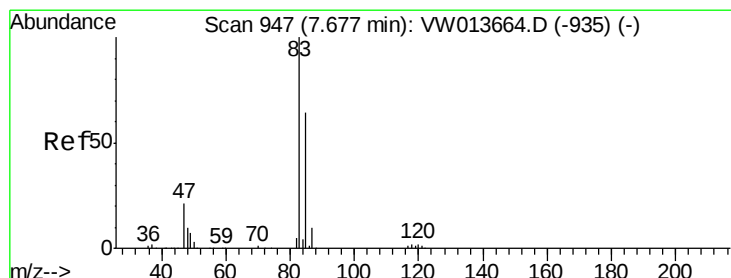
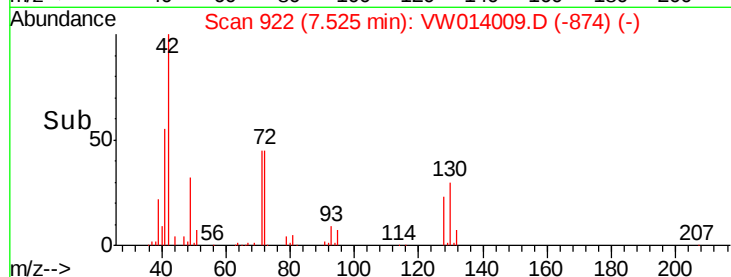
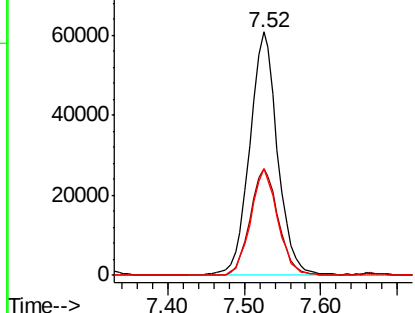
#29
Tetrahydrofuran
Concen: 397.407 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 154182
Ion Ratio Lower Upper
42 100
72 44.4 35.3 52.9
71 42.4 33.3 49.9

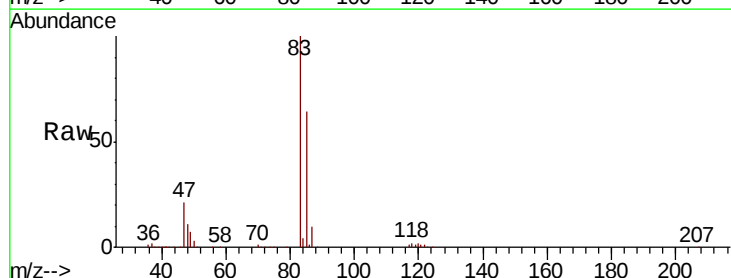


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

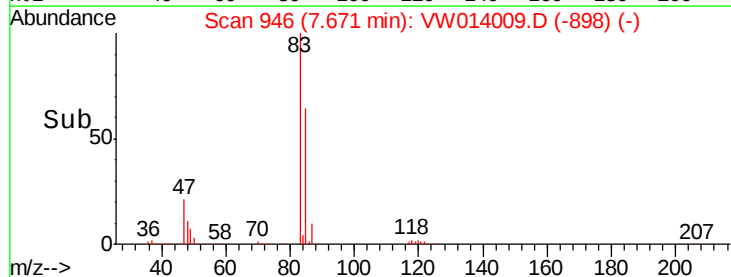
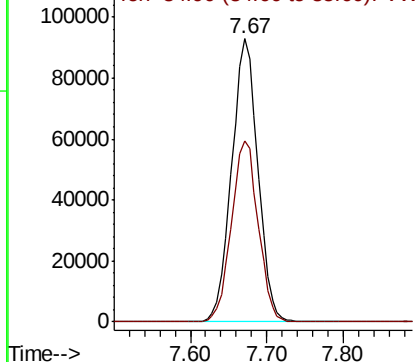


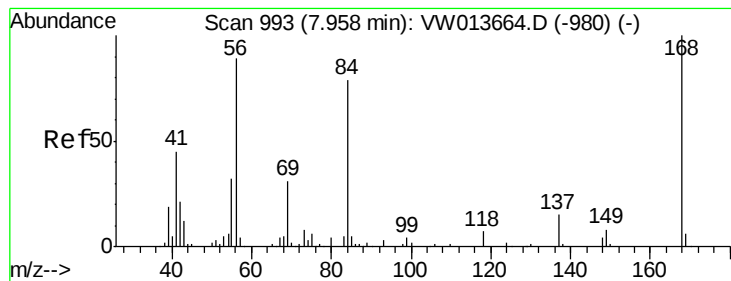
#30
Chloroform
Concen: 50.923 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 83 Resp: 219776
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2



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





#31

Cyclohexane

Concen: 48.923 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampled :

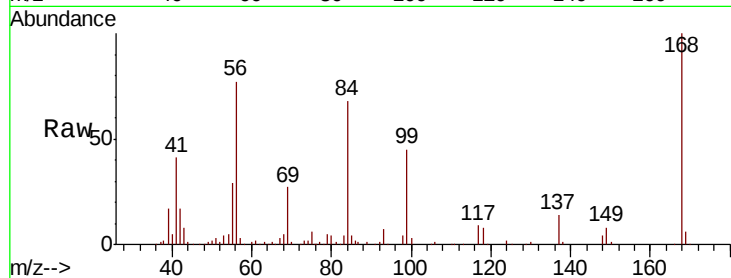
Tot Ion: 56 Resp: 223524

Ion Ratio Lower Upper

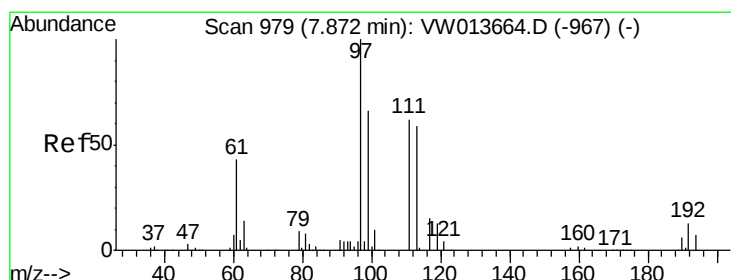
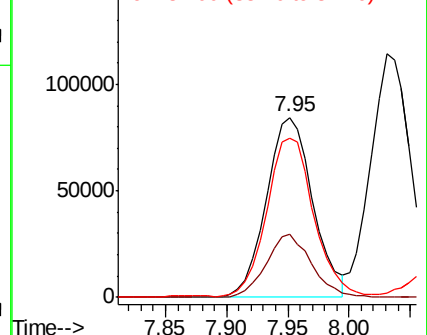
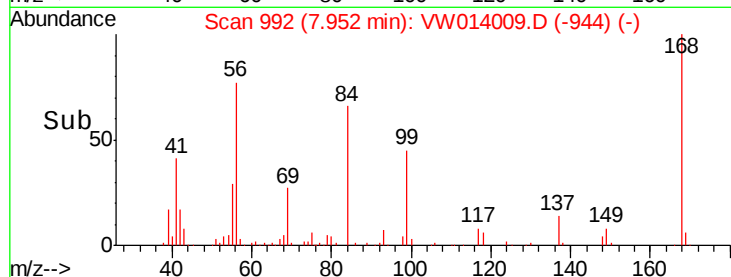
56 100

69 35.4 27.5 41.3

84 87.5 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 51.589 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

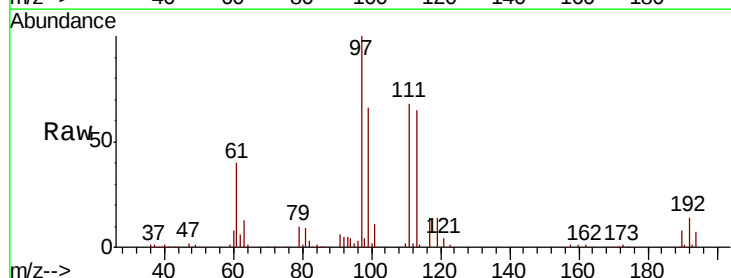
Tgt Ion: 97 Resp: 174723

Ion Ratio Lower Upper

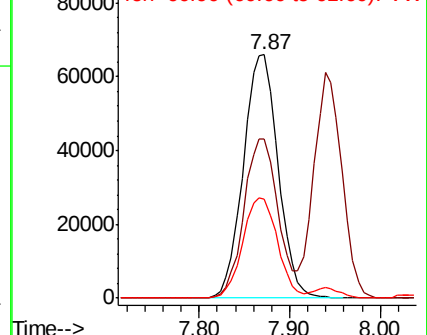
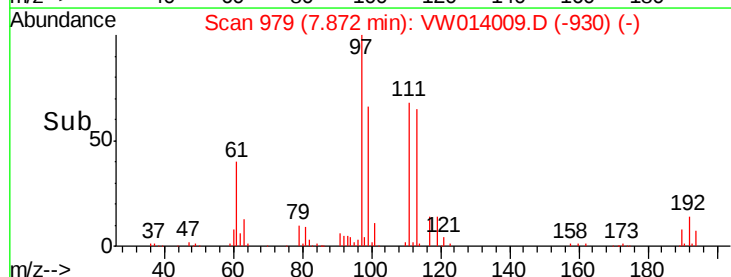
97 100

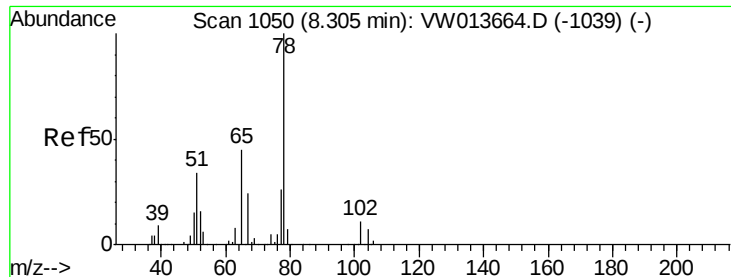
99 63.7 52.0 78.0

61 41.4 33.8 50.6



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

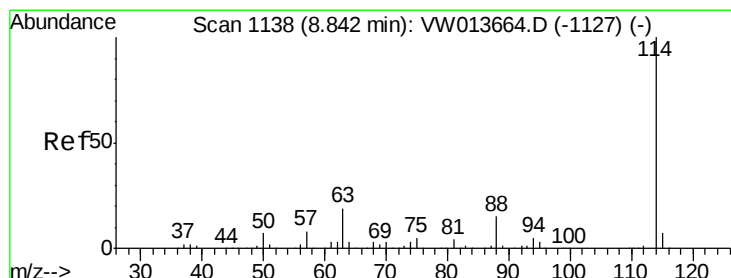
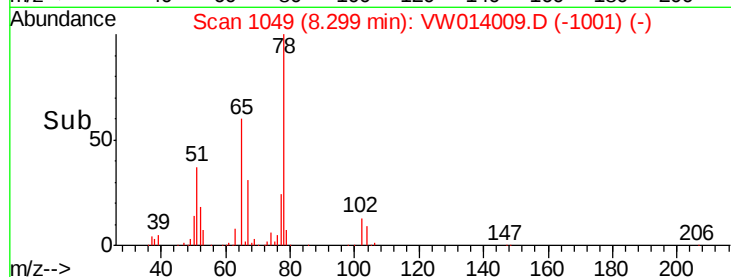
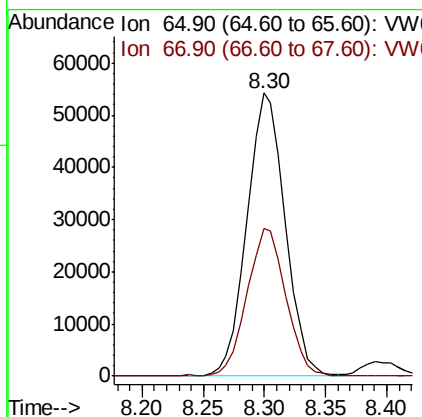
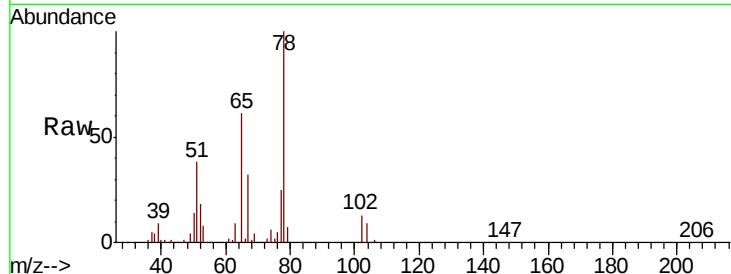




#33
 1,2-Dichloroethane-d4
 Concen: 57.227 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

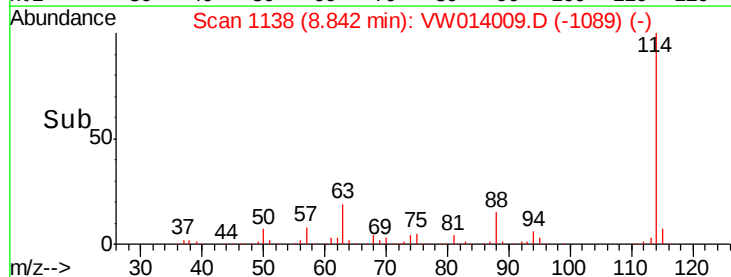
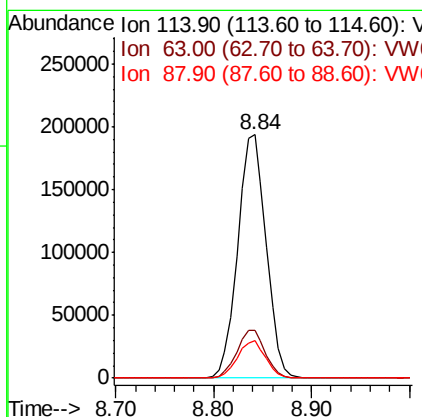
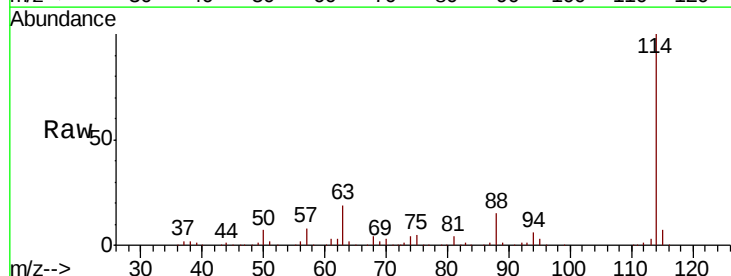
Instrument :
 MSVOA_W
 ClientSampleId :

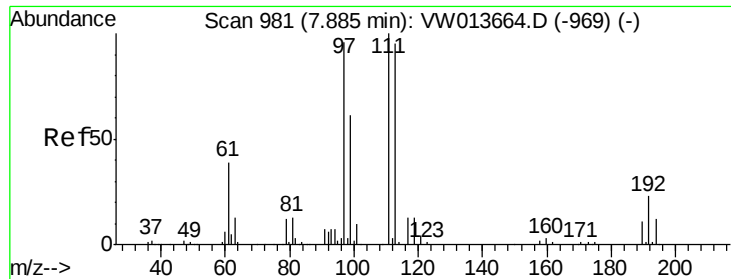
Tot Ion: 65 Resp: 117645
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 114 Resp: 389243
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.4 0.0 30.2

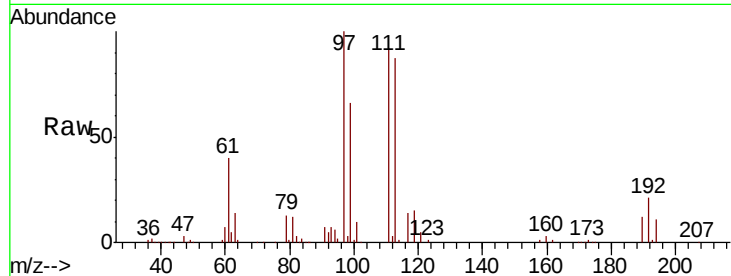




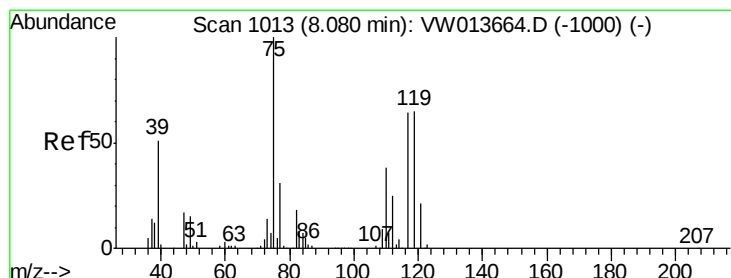
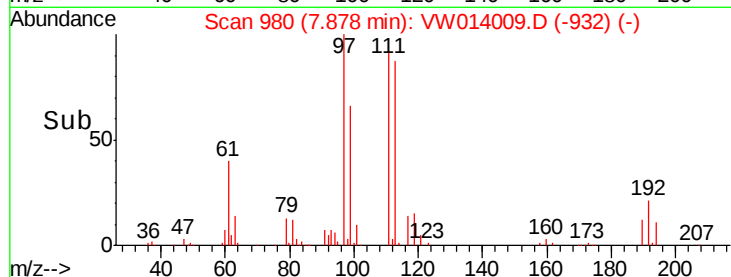
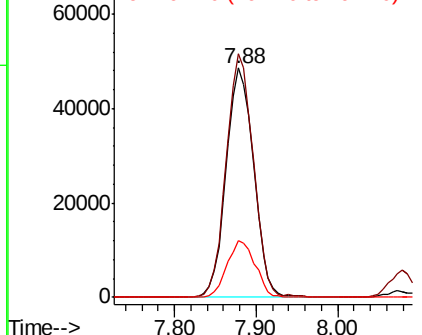
#35
 Dibromofluoromethane
 Concen: 52.417 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 113371
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.6
 192 25.0 19.4 29.2

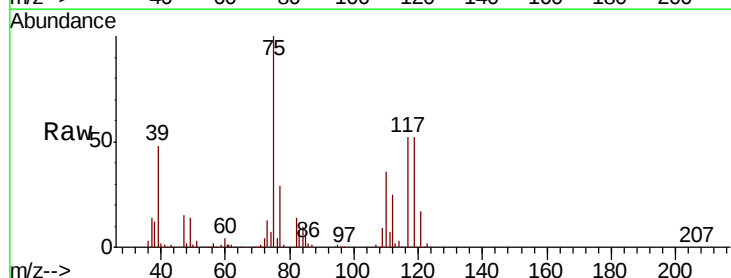


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

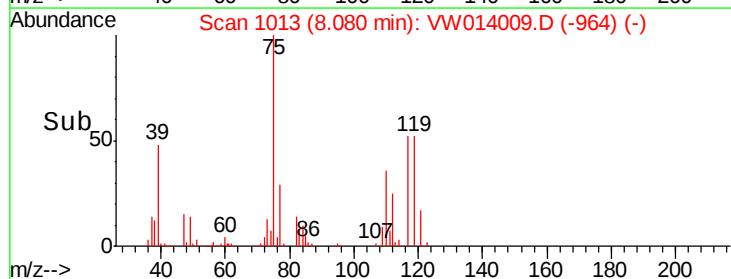
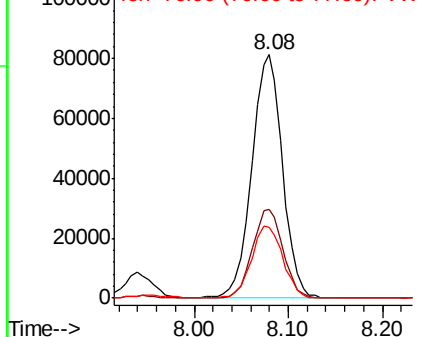


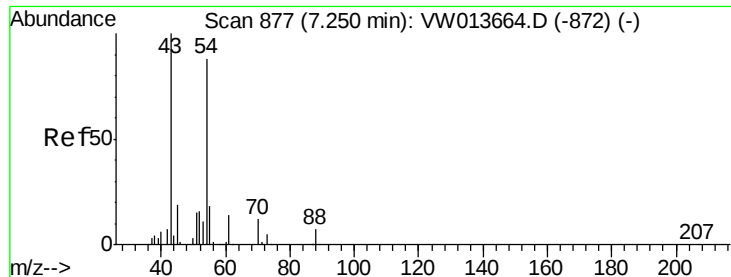
#36
 1,1-Dichloropropene
 Concen: 51.026 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 75 Resp: 184972
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.7 56.1
 77 30.6 25.4 38.0



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

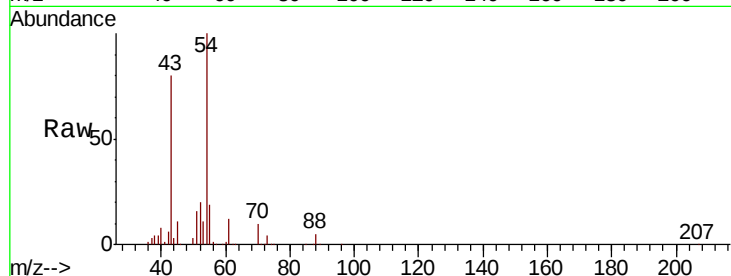




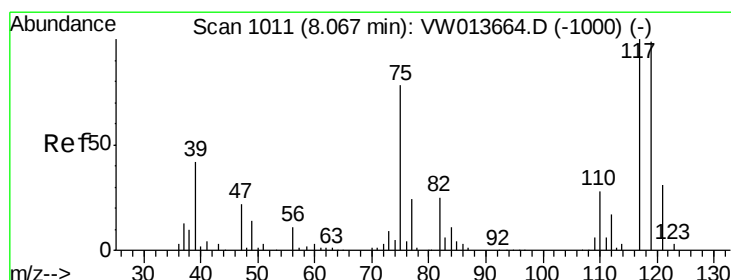
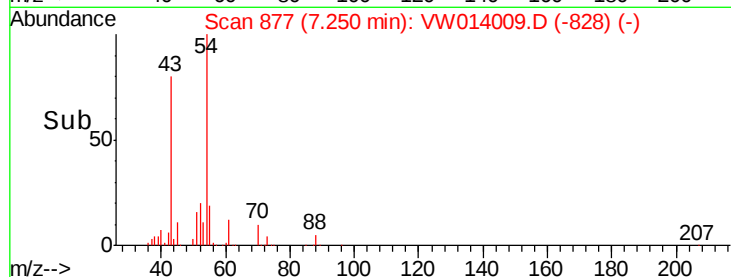
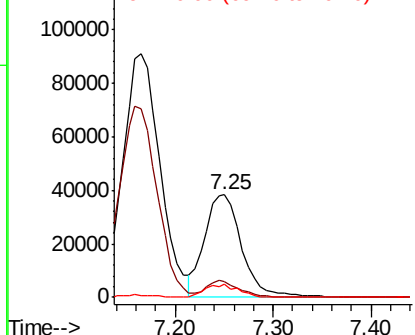
#37
Ethyl Acetate
Concen: 72.129 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 100091
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 11.7 8.8 13.2

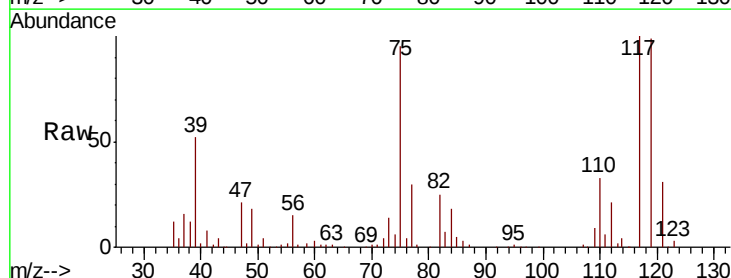


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

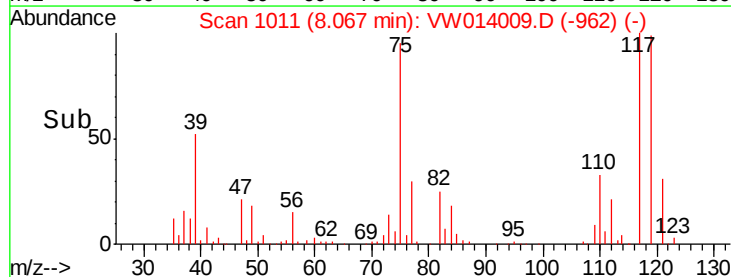
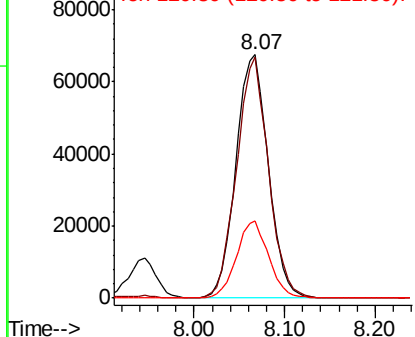


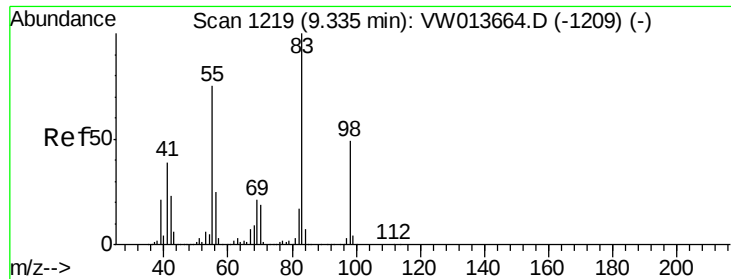
#38
Carbon Tetrachloride
Concen: 51.333 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 117 Resp: 167572
Ion Ratio Lower Upper
117 100
119 99.1 79.0 118.4
121 31.5 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

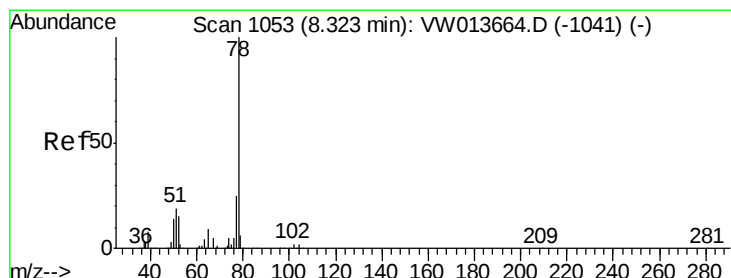
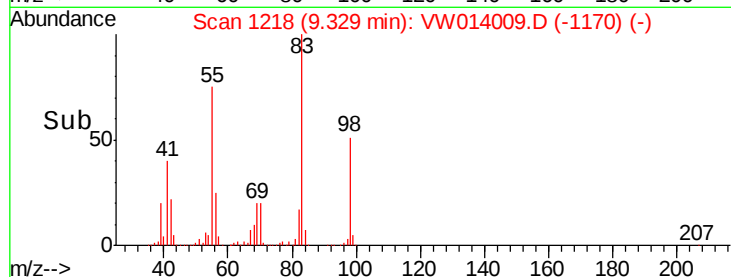
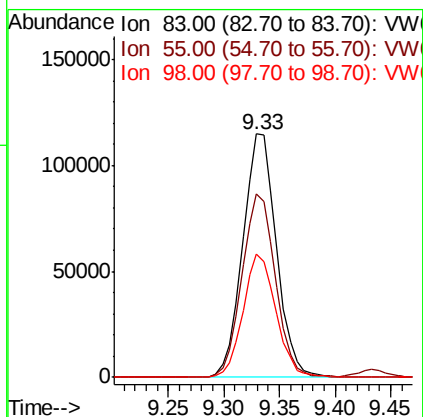
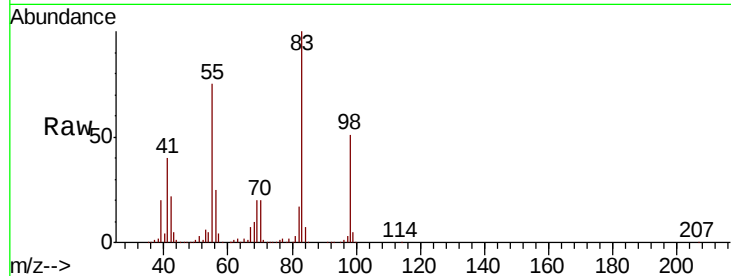




#39
Methvlcvclohexane
Concen: 51.586 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

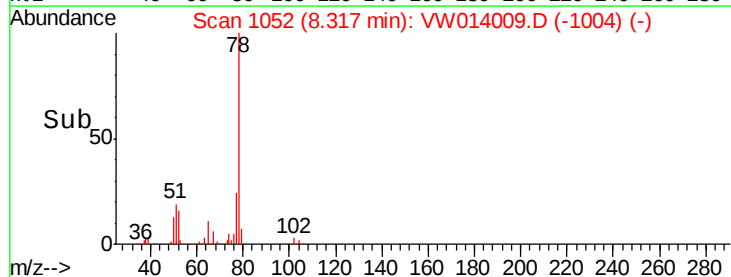
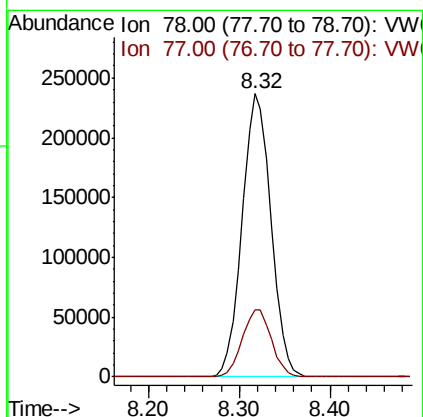
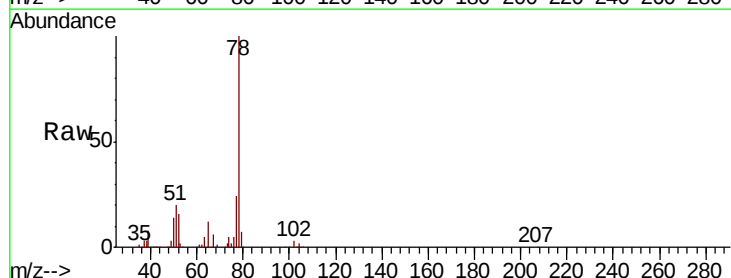
Instrument :
MSVOA_W
ClientSampled :

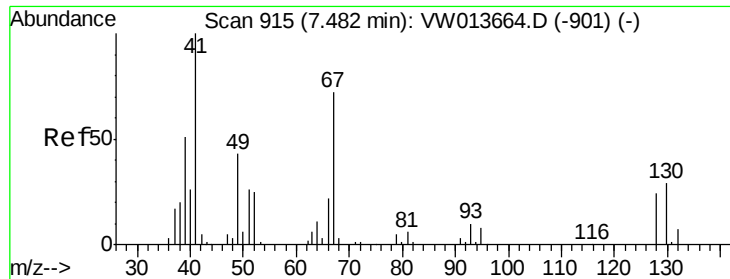
Tot Ion: 83 Resp: 241494
Ion Ratio Lower Upper
83 100
55 75.4 59.9 89.9
98 50.7 39.4 59.2



#40
Benzene
Concen: 50.748 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 78 Resp: 520625
Ion Ratio Lower Upper
78 100
77 23.8 19.6 29.4

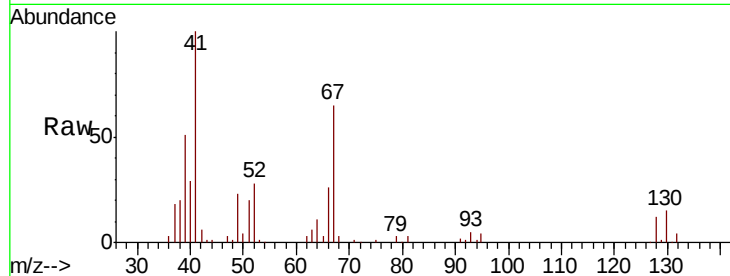




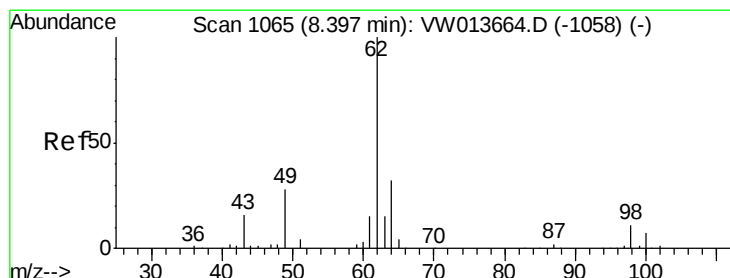
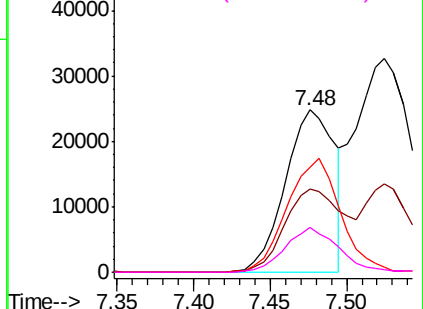
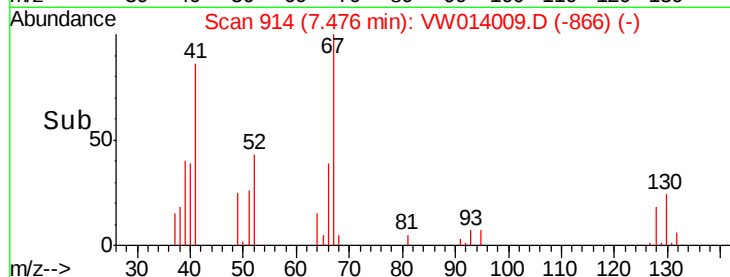
#41
Methacrylonitrile
Concen: 64.446 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	55767
Ion	Ratio	Lower	Upper
41	100		
39	62.8	44.8	67.2
67	75.8	59.3	88.9
52	29.9	23.4	35.0

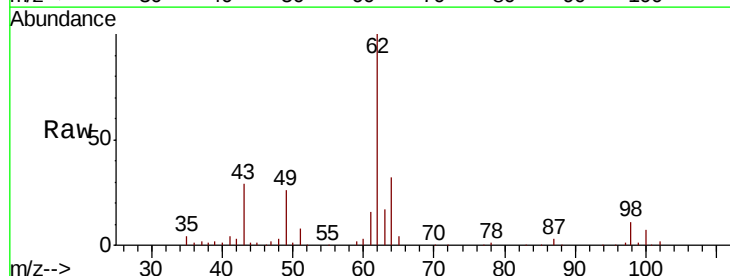


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

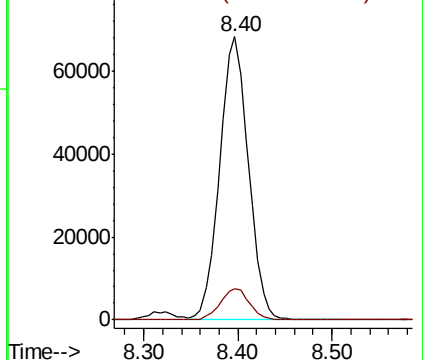
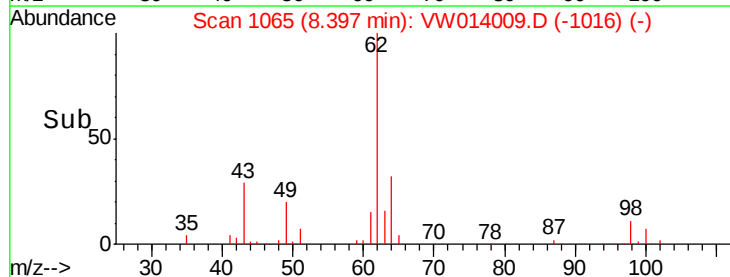


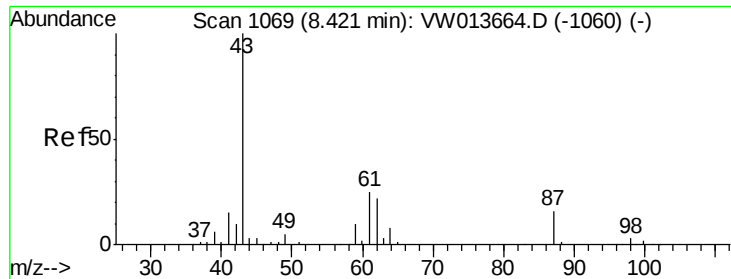
#42
1,2-Dichloroethane
Concen: 55.947 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion:	62	Resp:	144633
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 70.568 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

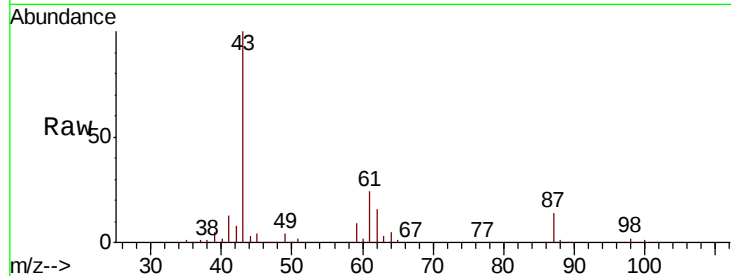
Tot Ion: 43 Resp: 187442

Ion Ratio Lower Upper

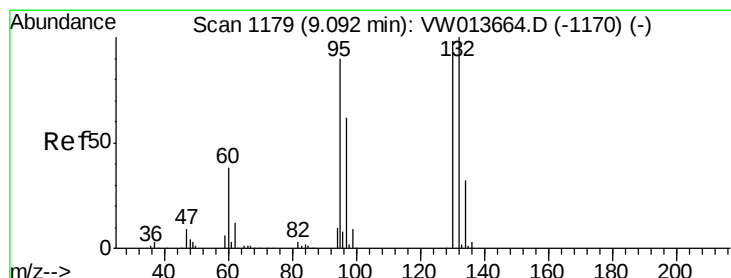
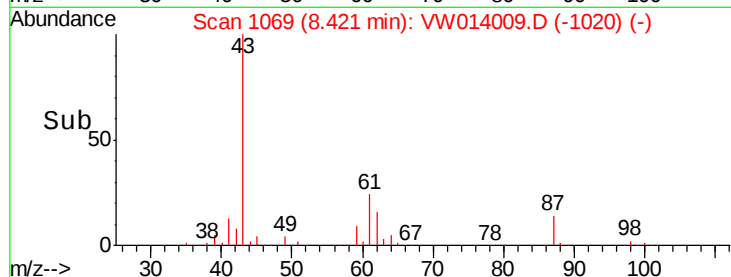
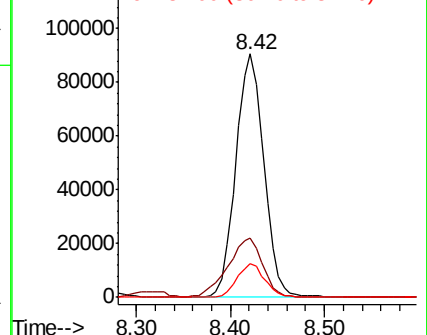
43 100

61 29.9 26.1 39.1

87 13.8 11.4 17.0



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: 50.706 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW014009.D

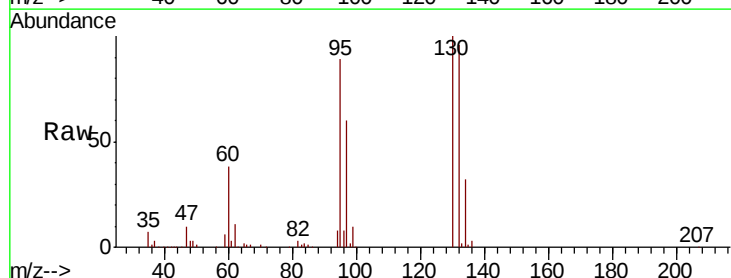
Acq: 13 Nov 2019 16:16

Tgt Ion: 130 Resp: 149006

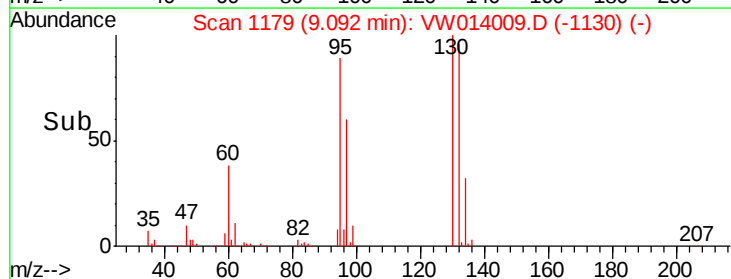
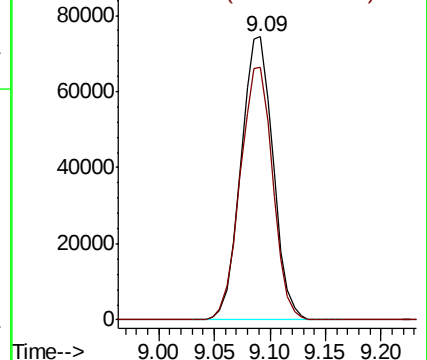
Ion Ratio Lower Upper

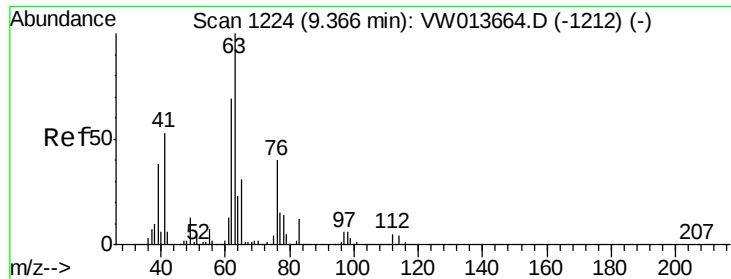
130 100

95 89.2 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 52.818 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

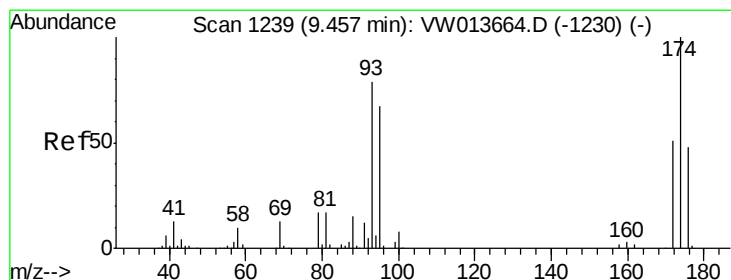
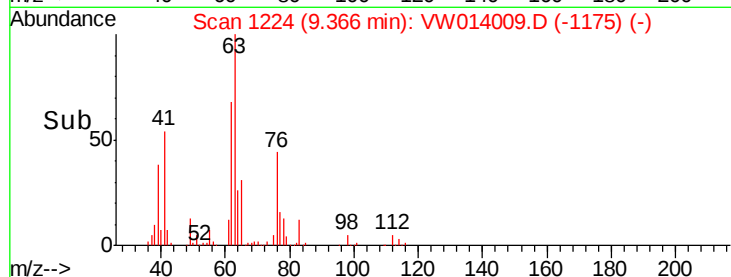
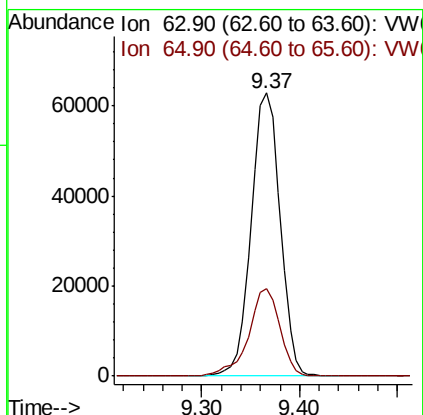
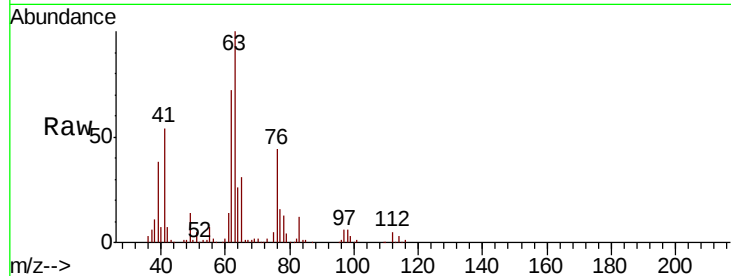
ClientSampleId :

Tot Ion: 63 Resp: 129426

Ion Ratio Lower Upper

63 100

65 31.1 25.2 37.8



#46

Dibromomethane

Concen: 57.565 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

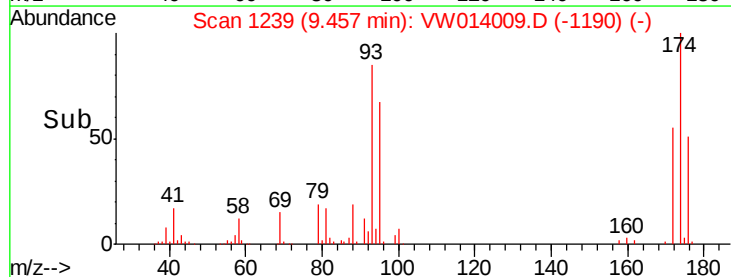
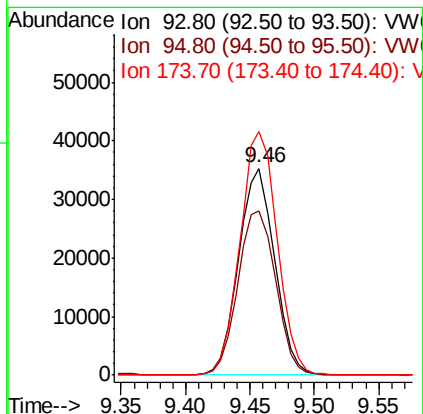
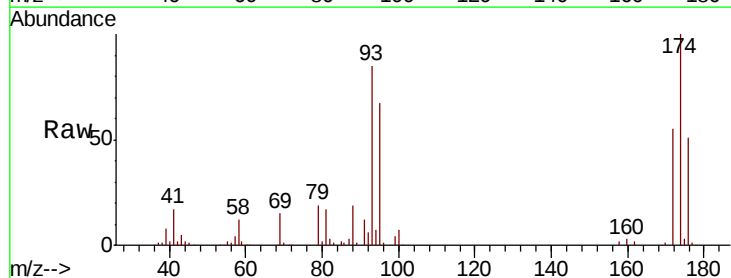
Tgt Ion: 93 Resp: 68464

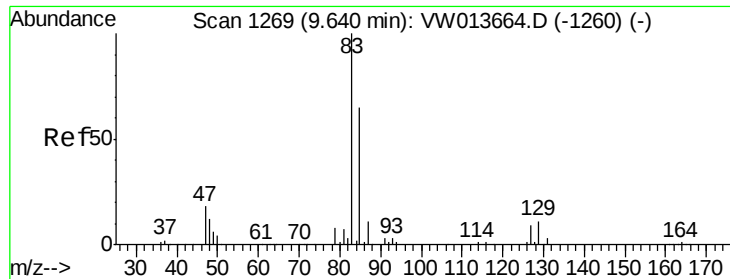
Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

174 121.1 99.6 149.4





#47

Bromodichloromethane

Concen: 52.387 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

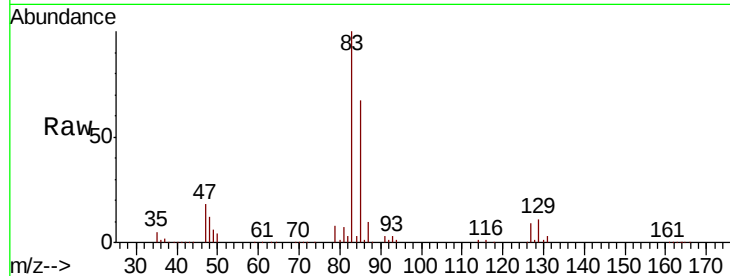
Tot Ion: 83 Resp: 161212

Ion Ratio Lower Upper

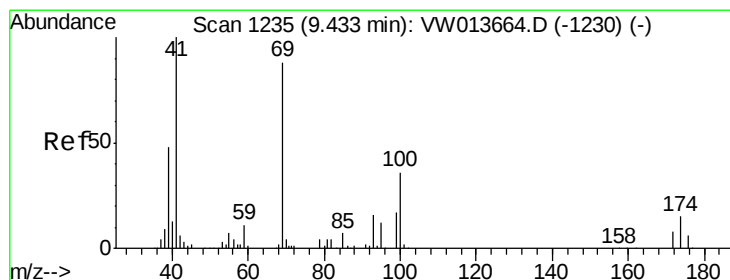
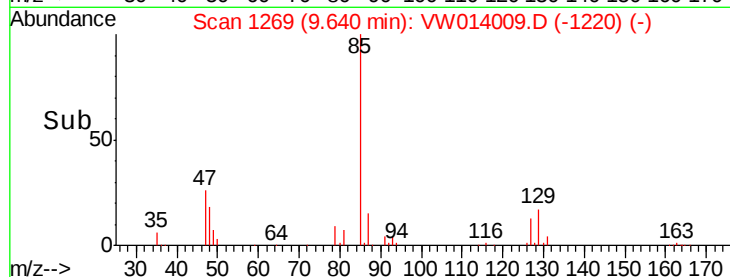
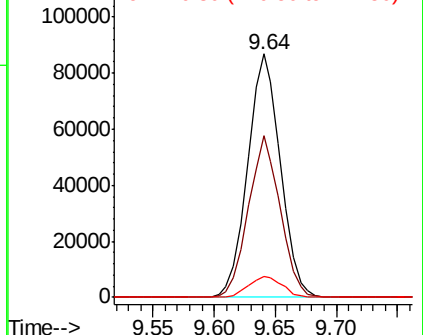
83 100

85 66.5 51.8 77.6

127 8.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 70.391 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

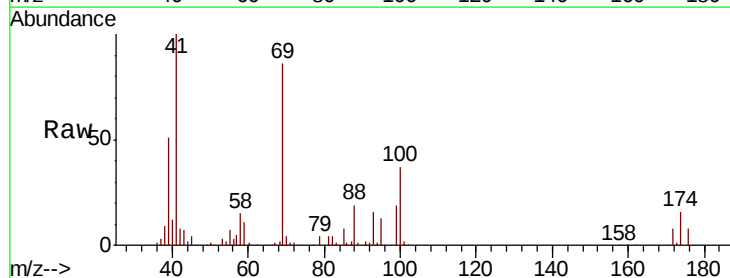
Tgt Ion: 41 Resp: 92719

Ion Ratio Lower Upper

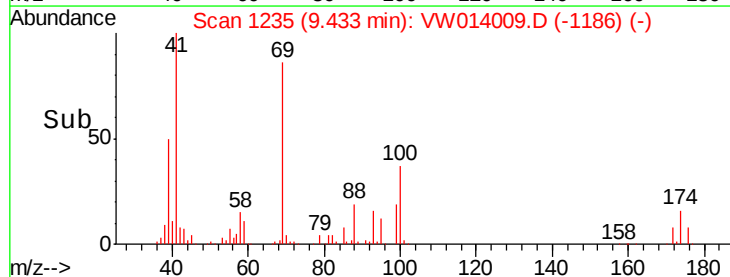
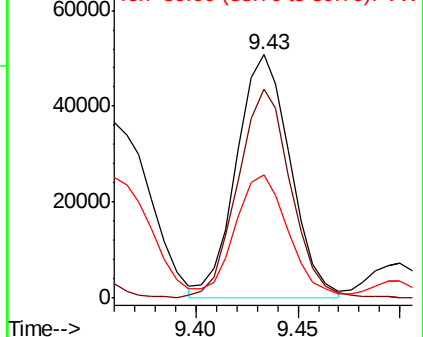
41 100

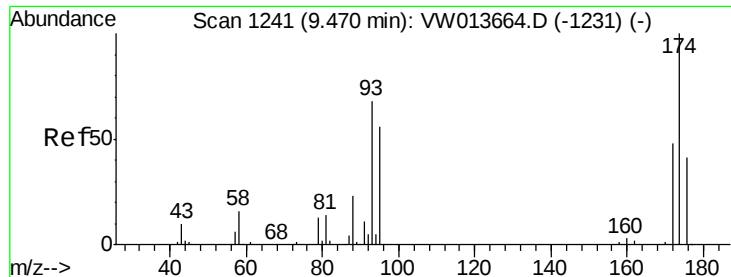
69 85.4 67.6 101.4

39 47.0 38.6 58.0



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

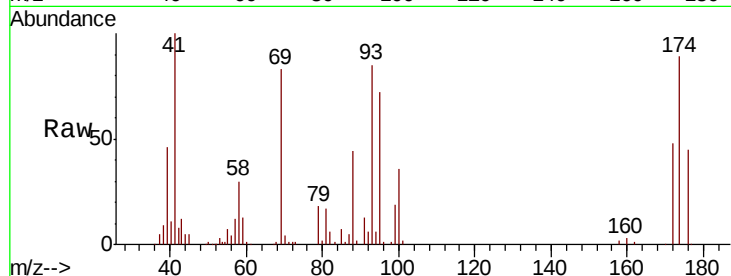




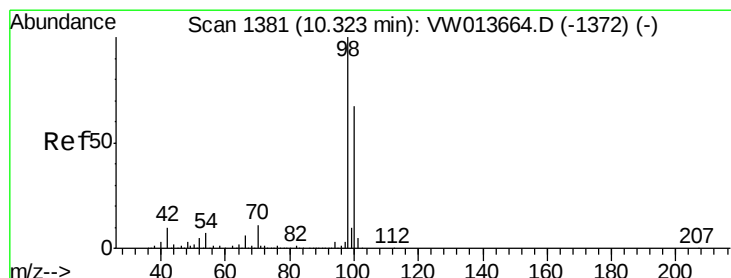
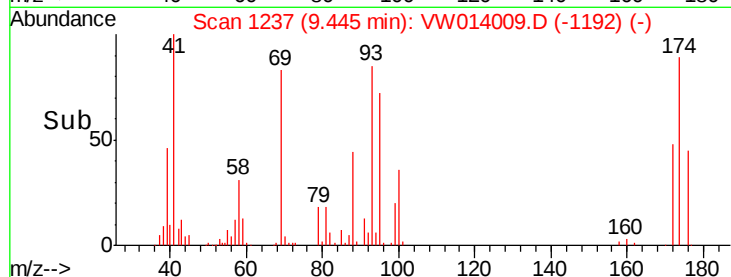
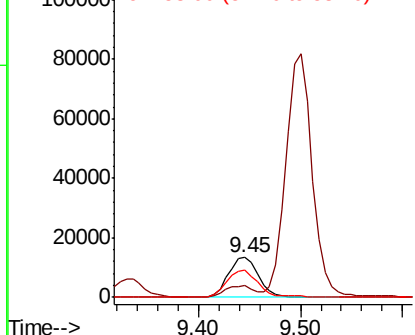
#49
1,4-Dioxane
Concen: 1572.490 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 27636
Ion Ratio Lower Upper
88 100
43 29.0 0.0 0.0#
58 69.4 58.9 88.3

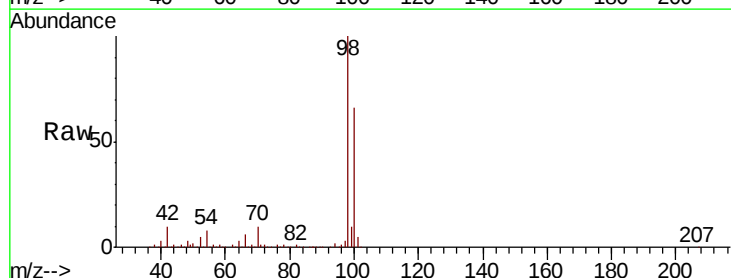


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

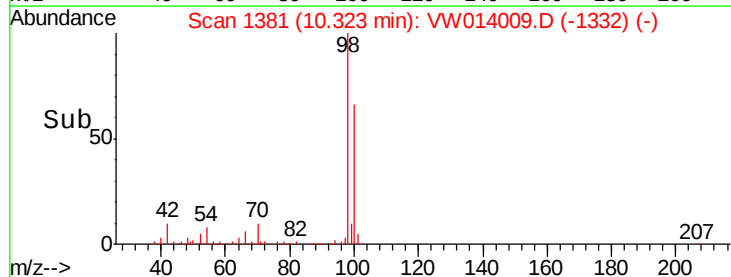
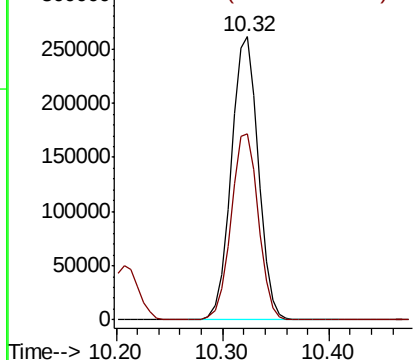


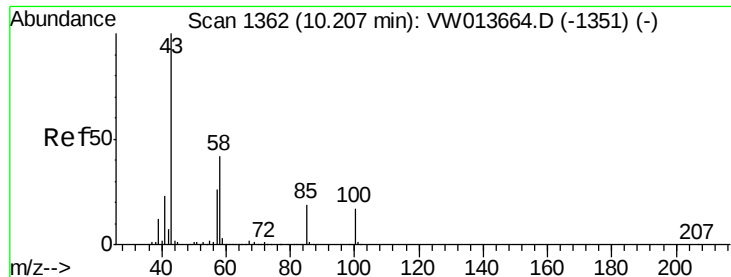
#50
Toluene-d8
Concen: 52.799 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 98 Resp: 465317
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



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: 379.466 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

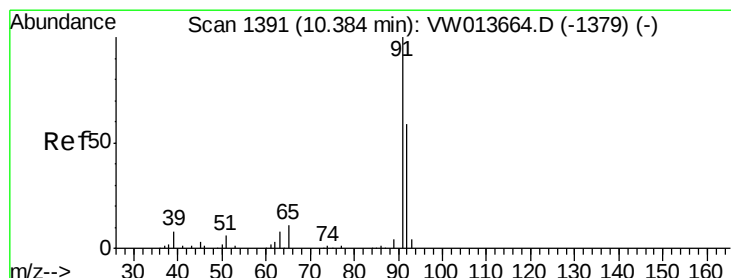
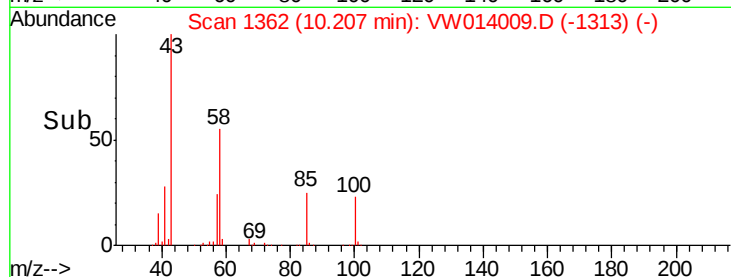
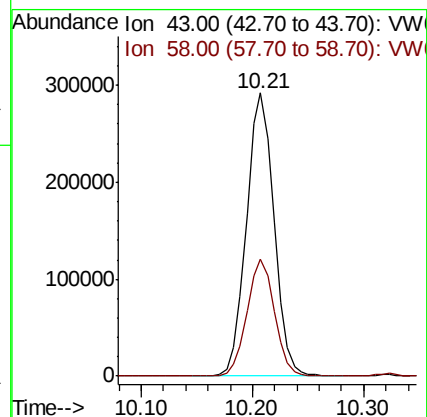
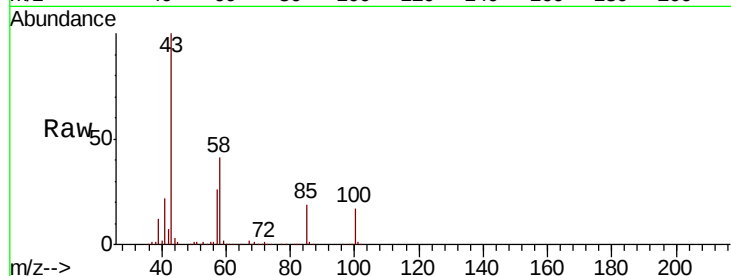
ClientSampleId :

Tot Ion: 43 Resp: 500859

Ion Ratio Lower Upper

43 100

58 41.2 32.6 49.0



#52

Toluene

Concen: 51.255 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014009.D

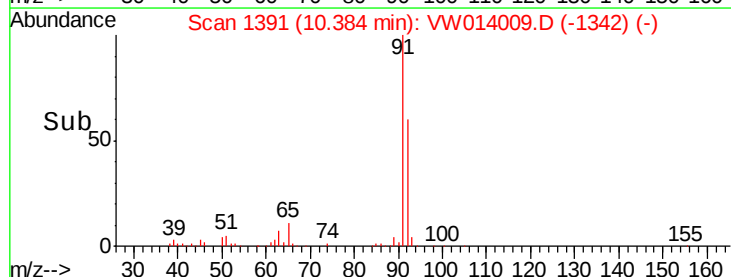
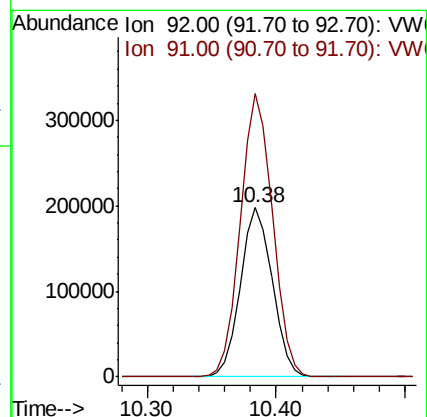
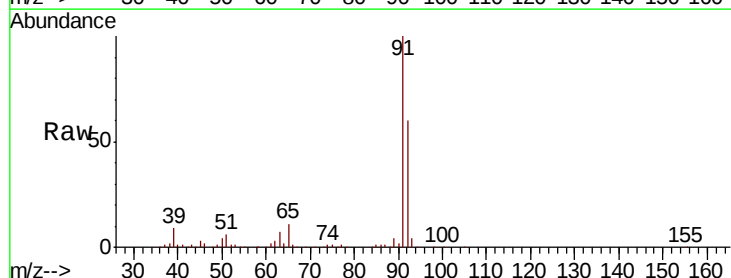
Acq: 13 Nov 2019 16:16

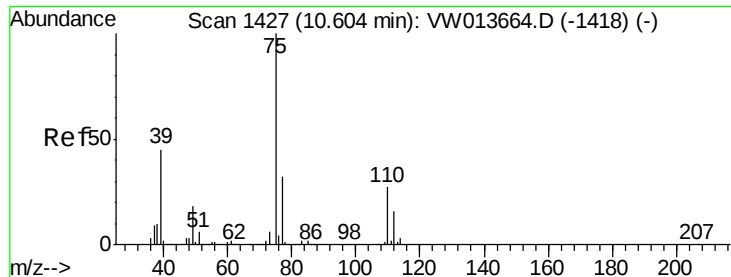
Tgt Ion: 92 Resp: 339175

Ion Ratio Lower Upper

92 100

91 168.6 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 57.350 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

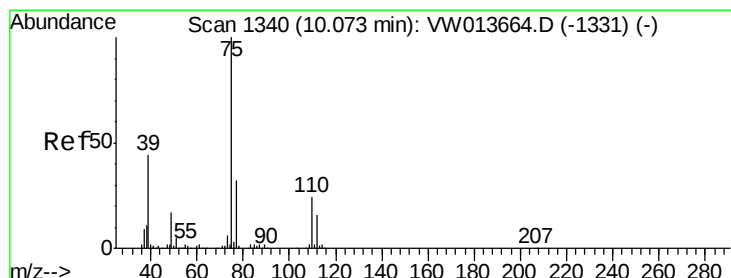
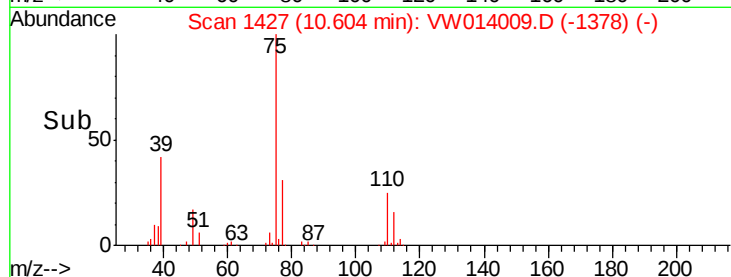
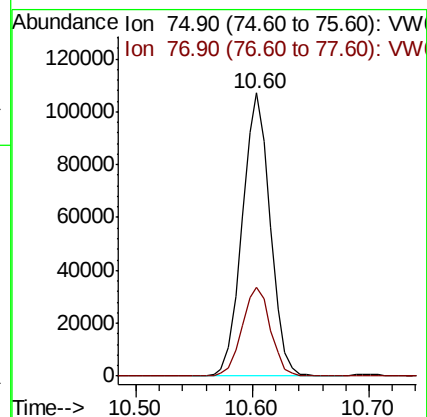
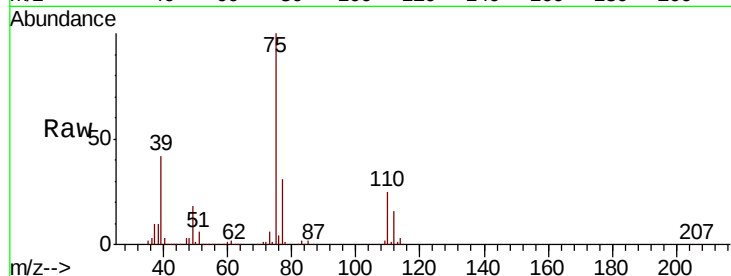
ClientSampled :

Tot Ion: 75 Resp: 178659

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.892 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

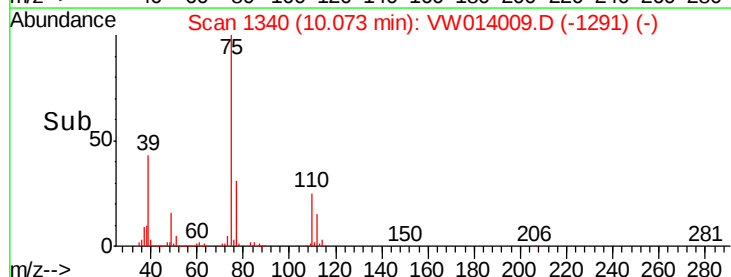
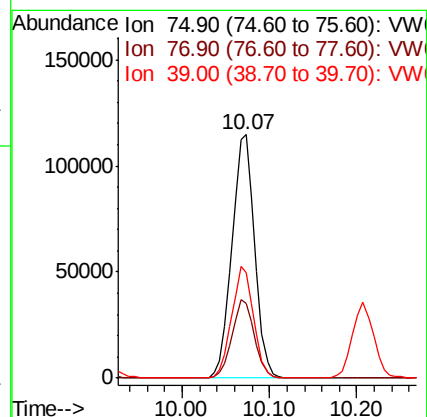
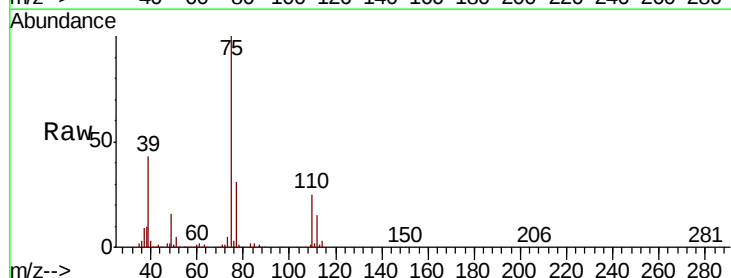
Tgt Ion: 75 Resp: 207133

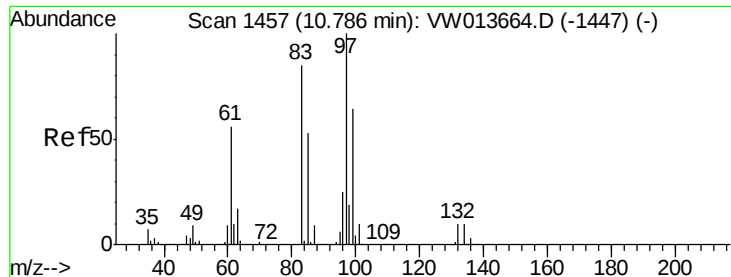
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

39 43.4 35.3 52.9



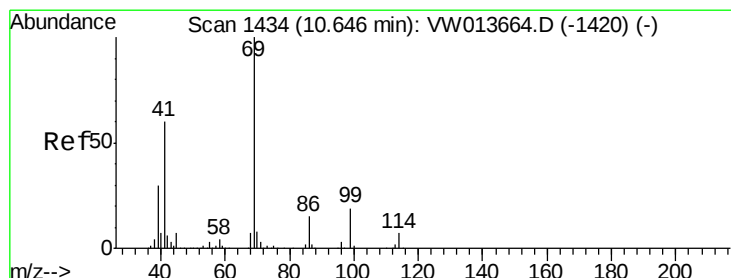
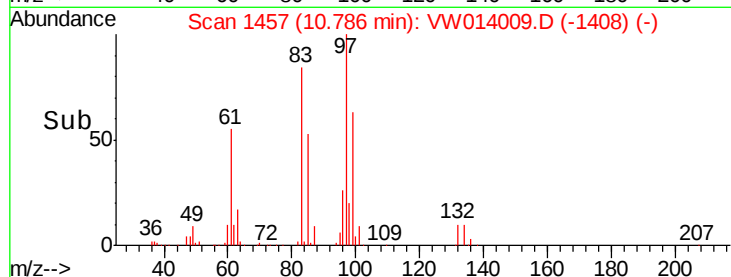
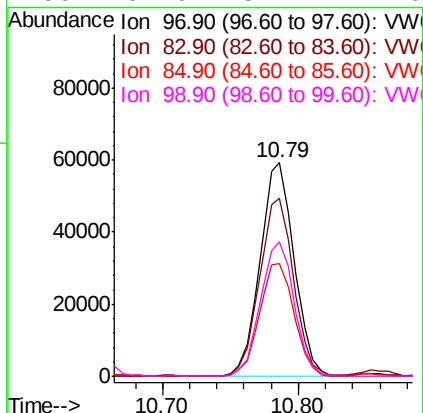
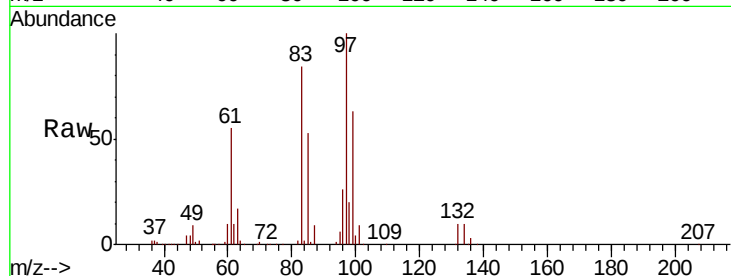


#55
 1,1,2-Trichloroethane
 Concen: 58.647 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 103951

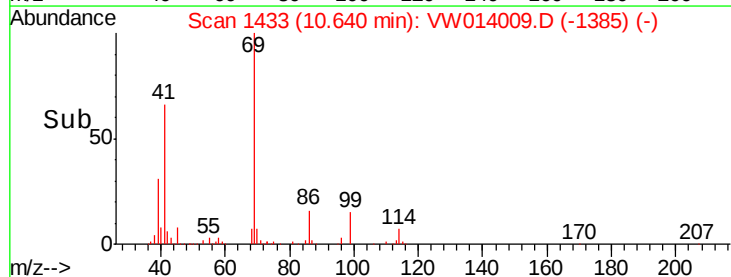
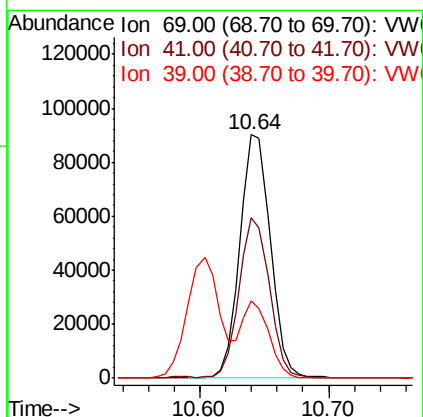
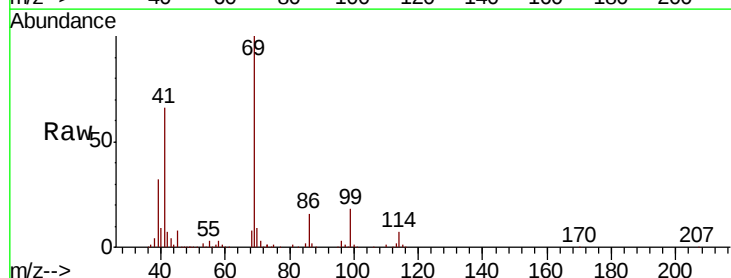
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.8
85	52.6	42.1	63.1
99	62.9	51.4	77.0

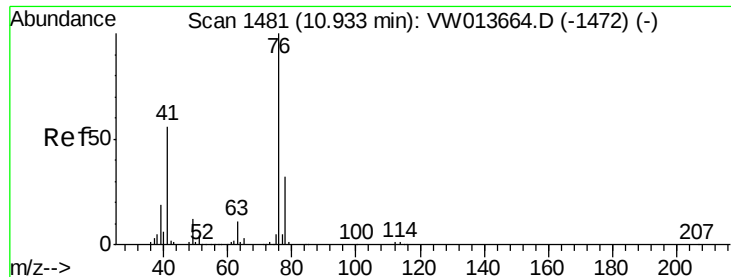


#56
 Ethyl methacrylate
 Concen: 66.938 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 69 Resp: 148444

Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.6	77.4
39	30.0	22.4	33.6

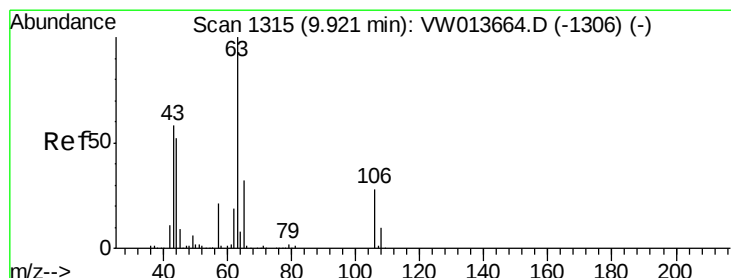
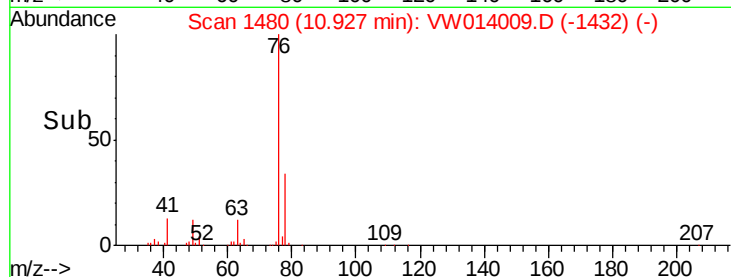
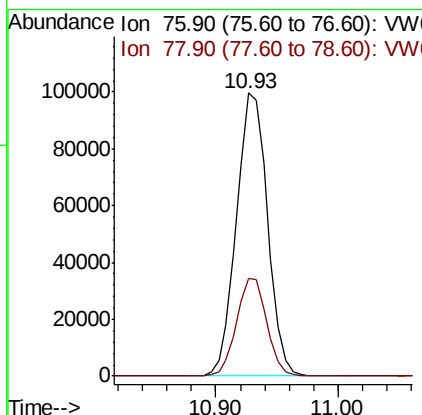
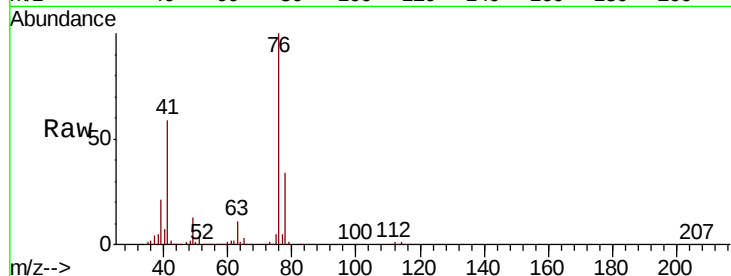




#57
 1,3-Dichloropropane
 Concen: 57.667 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

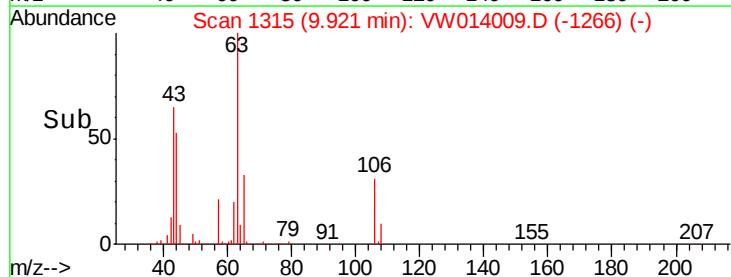
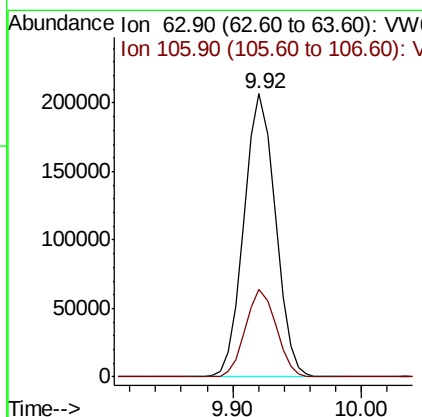
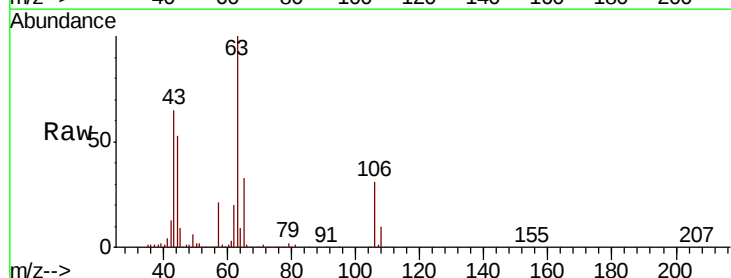
Instrument :
 MSVOA_W
 ClientSampled :

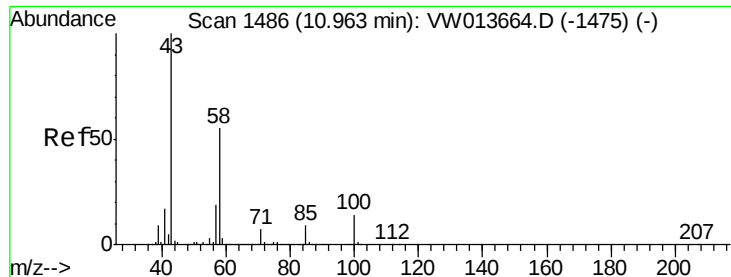
Tot Ion: 76 Resp: 175405
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 343.001 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion: 63 Resp: 350076
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.8

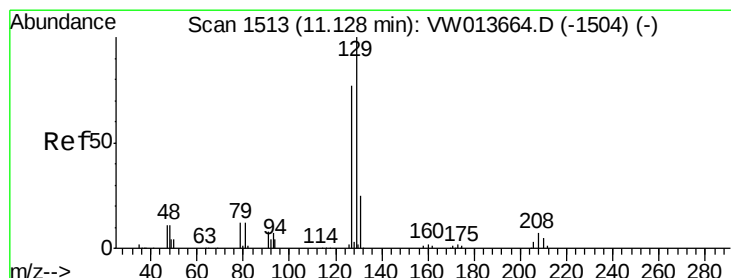
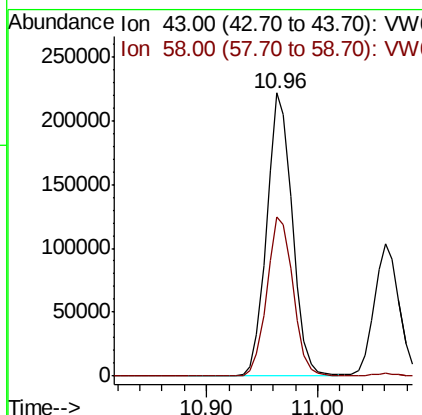
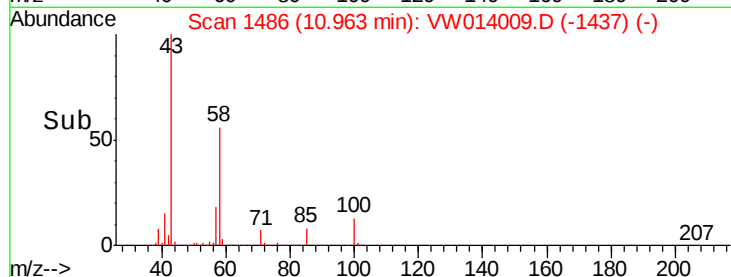
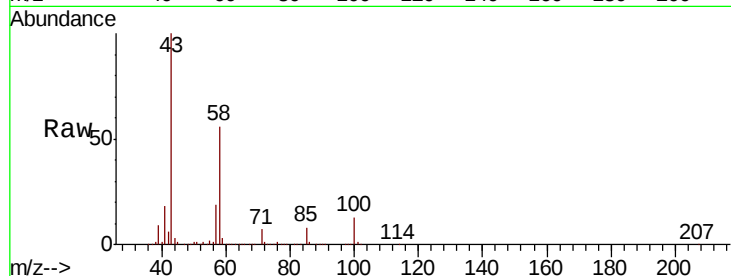




#59
2-Hexanone
Concen: 390.224 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

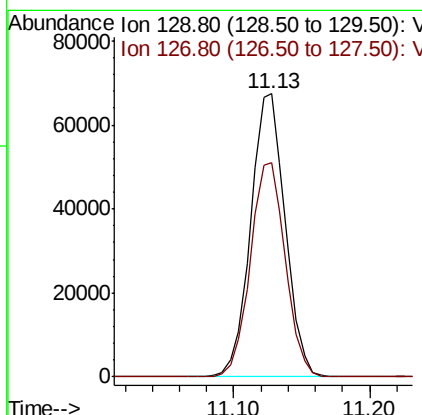
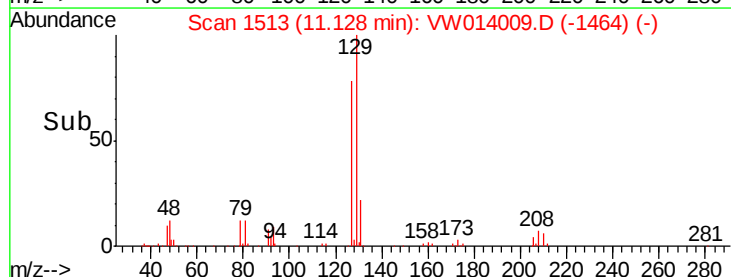
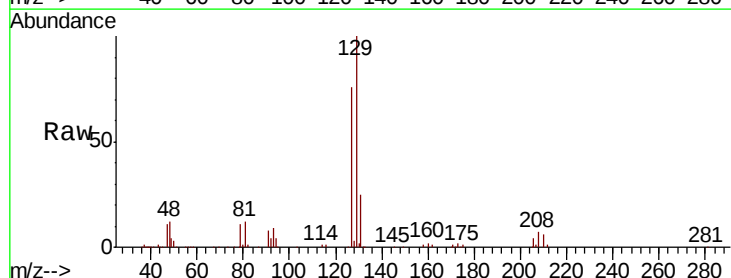
Instrument :
MSVOA_W
ClientSampleId :

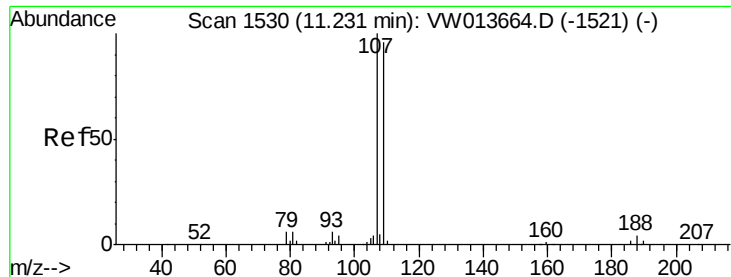
Tot Ion: 43 Resp: 355079
Ion Ratio Lower Upper
43 100
58 57.4 27.9 83.7



#60
Dibromochloromethane
Concen: 56.996 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 129 Resp: 119948
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

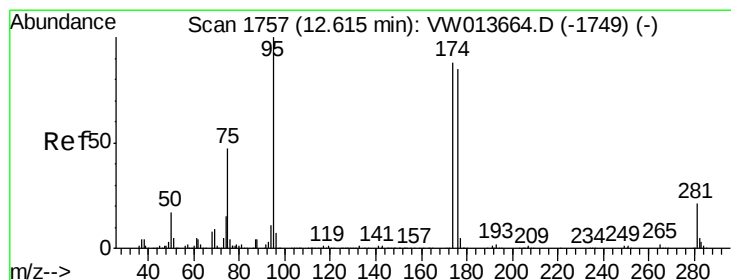
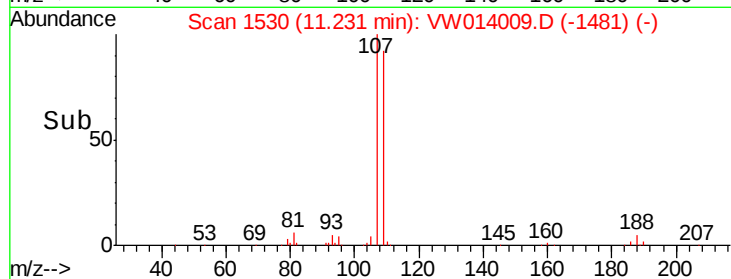
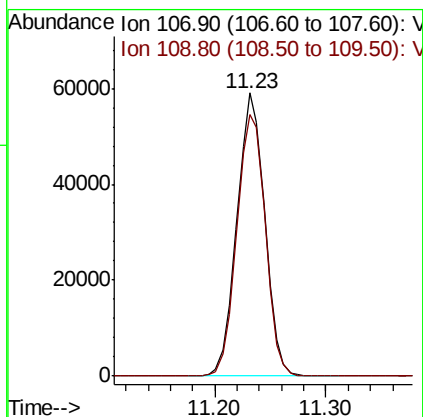
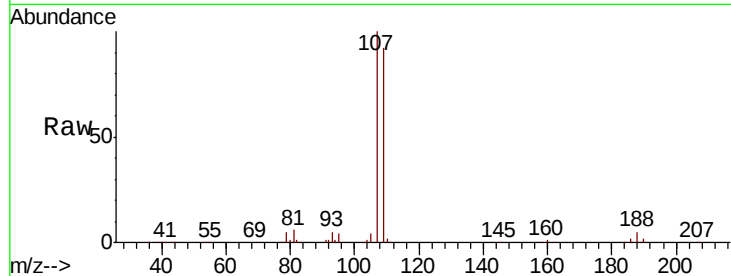




#61
1,2-Dibromoethane
Concen: 60.929 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

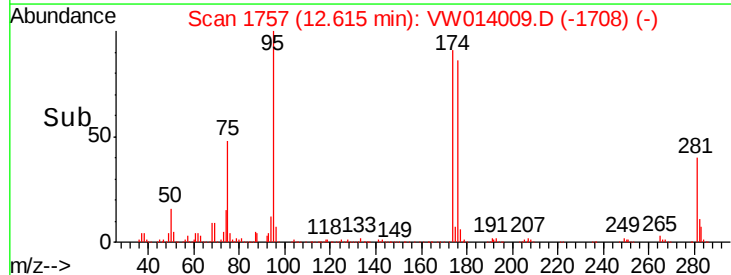
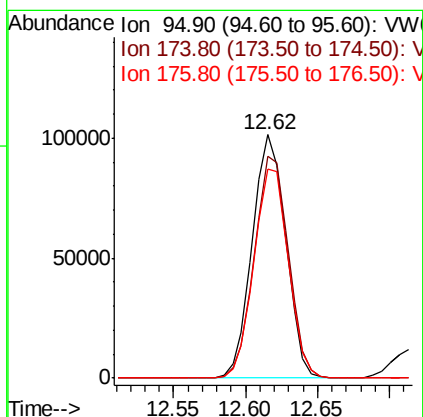
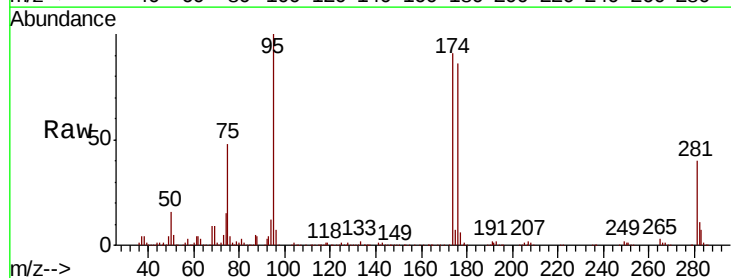
Instrument :
MSVOA_W
ClientSampleId :

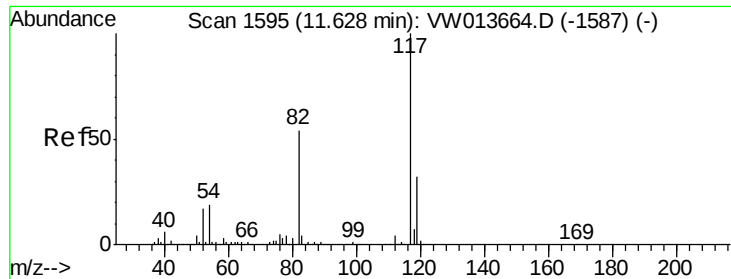
Tot Ion:107 Resp: 102172
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 54.401 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 95 Resp: 162340
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.6
176 88.8 0.0 178.0

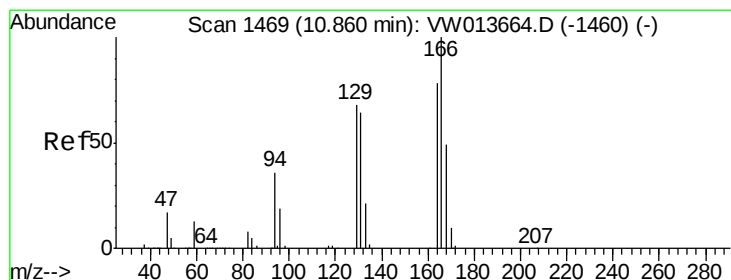
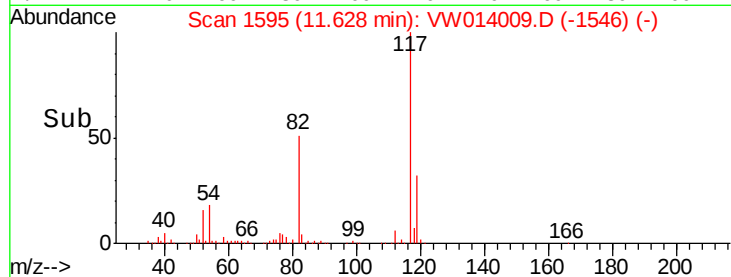
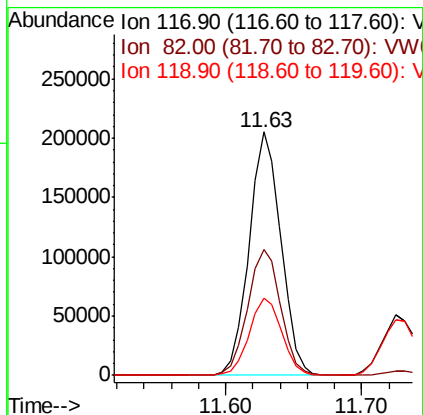
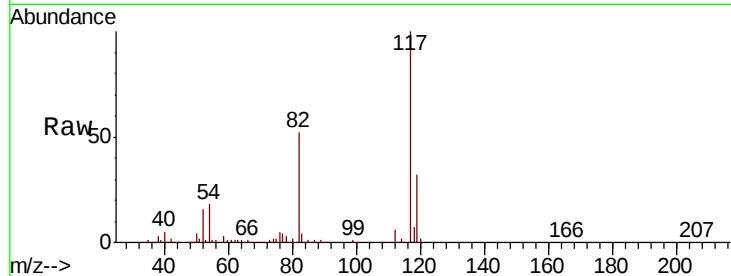




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

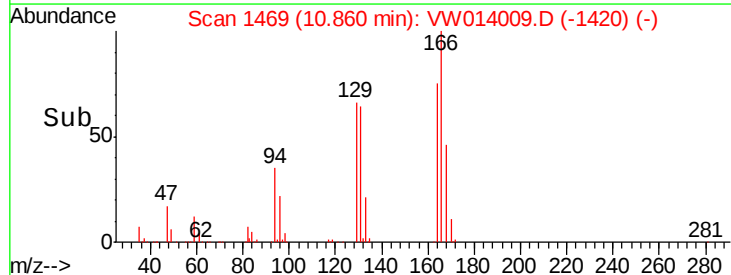
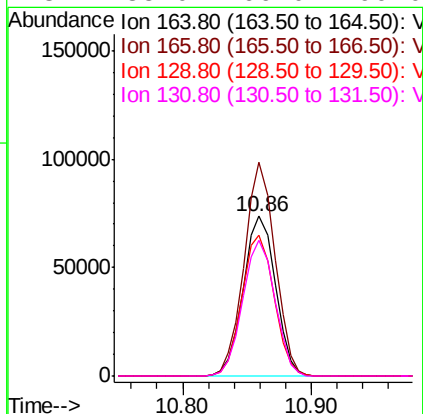
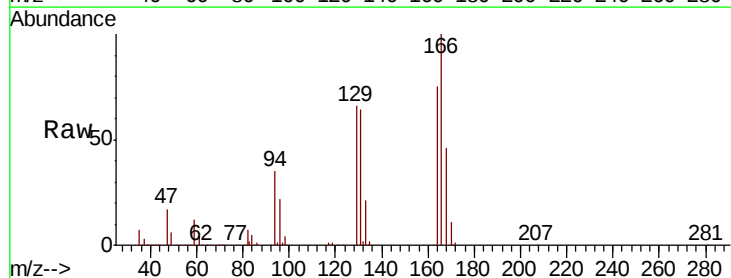
Instrument :
MSVOA_W
ClientSampled :

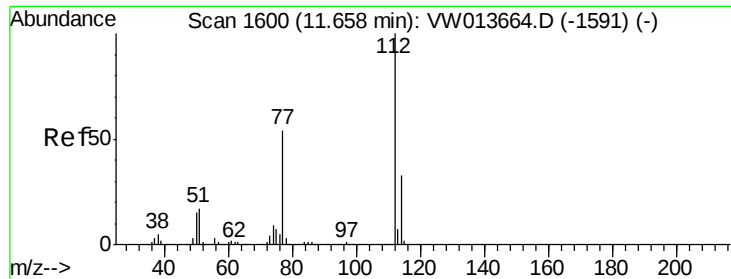
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.6	65.4
119	31.7	25.4	38.2



#64
Tetrachloroethene
Concen: 49.531 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.6	103.2	154.8
129	88.1	70.6	105.8
131	85.0	66.0	99.0

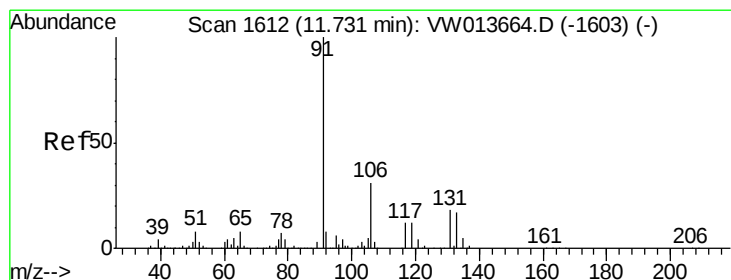
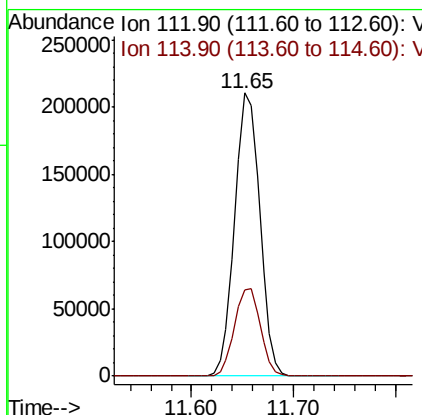
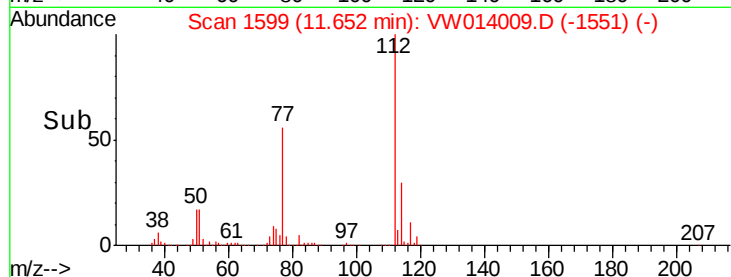
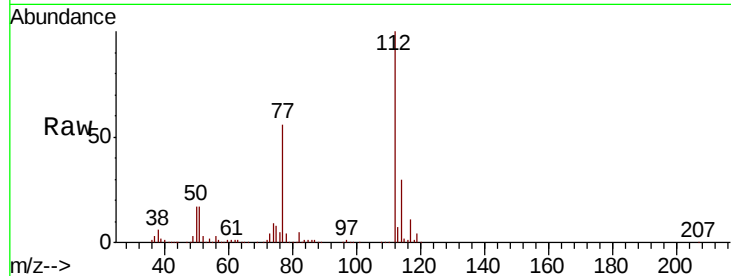




#65
Chlorobenzene
Concen: 51.852 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

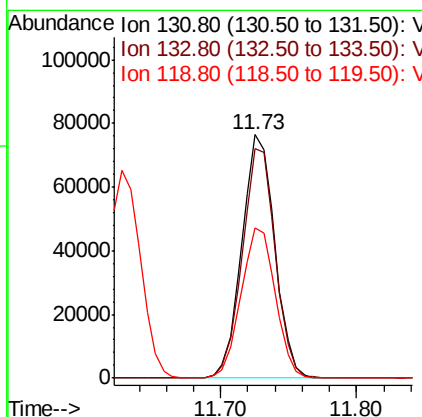
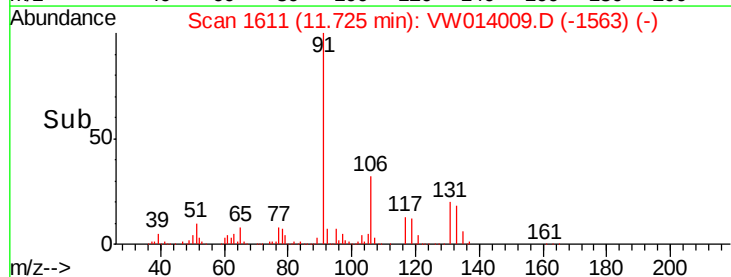
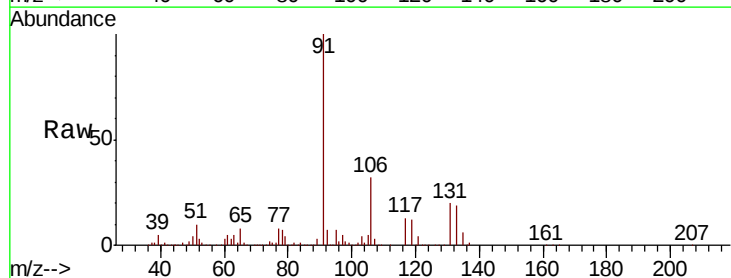
Instrument :
MSVOA_W
ClientSampleId :

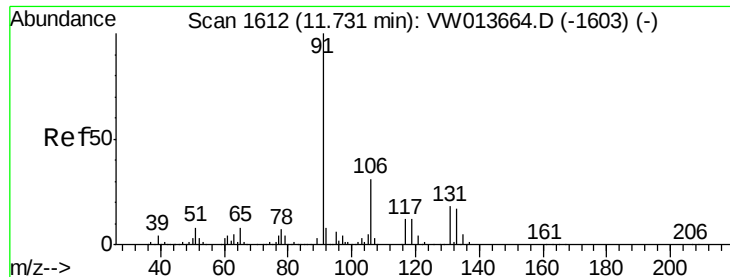
Tot Ion:112 Resp: 358197
Ion Ratio Lower Upper
112 100
114 30.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.613 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion:131 Resp: 129255
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 64.4 33.1 99.2

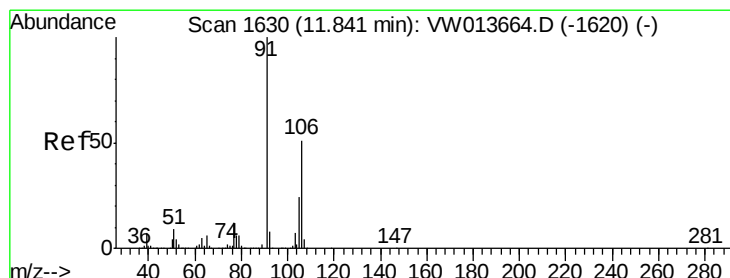
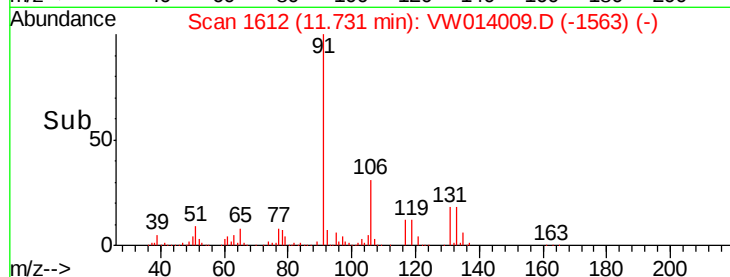
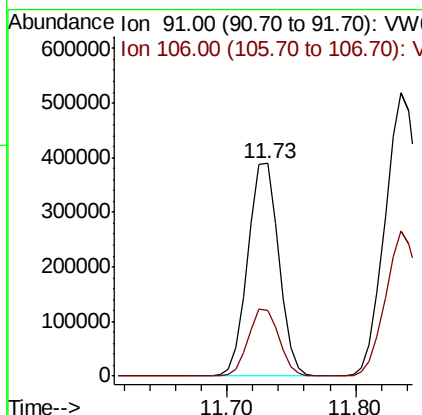
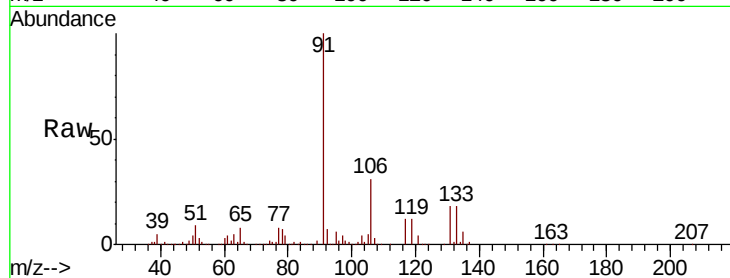




#67
Ethyl Benzene
Concen: 51.834 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

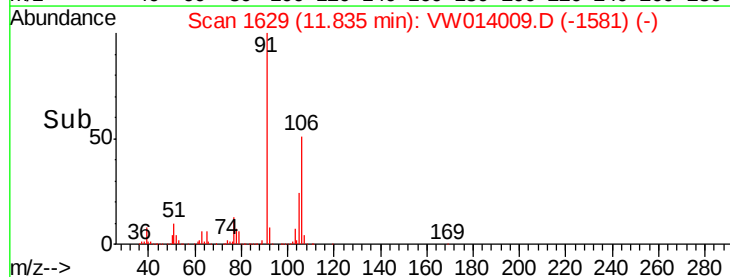
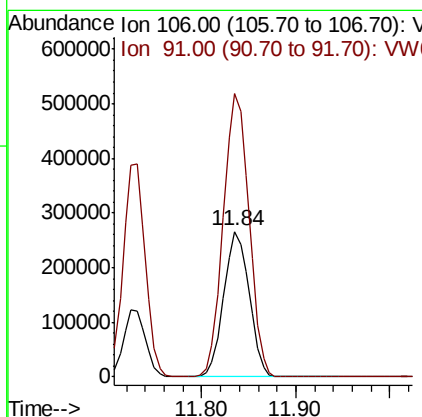
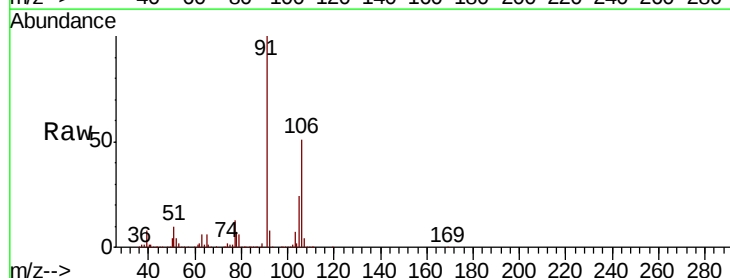
Instrument :
MSVOA_W
ClientSampleId :

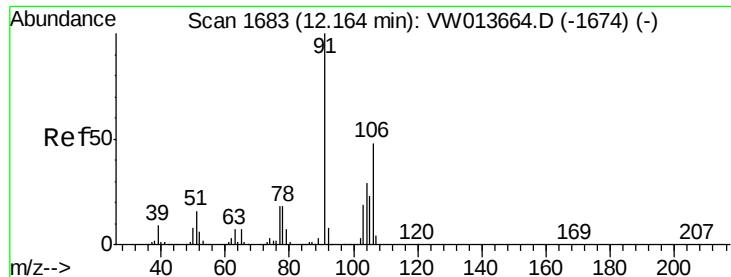
Tot Ion: 91 Resp: 645659
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 103.432 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion: 106 Resp: 497774
Ion Ratio Lower Upper
106 100
91 197.3 159.2 238.8

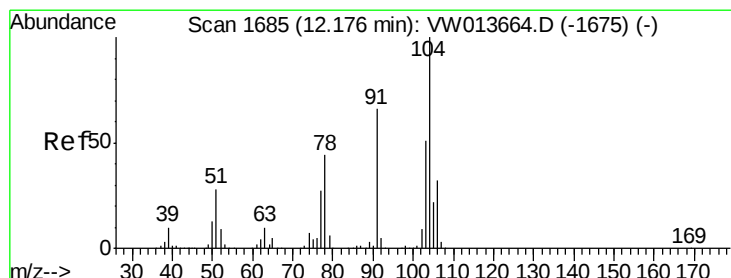
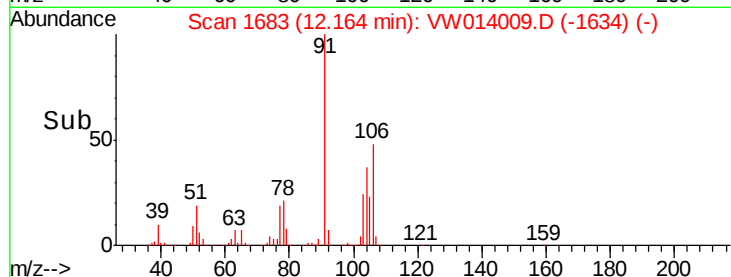
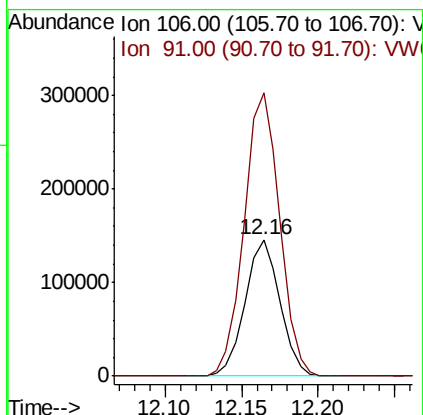
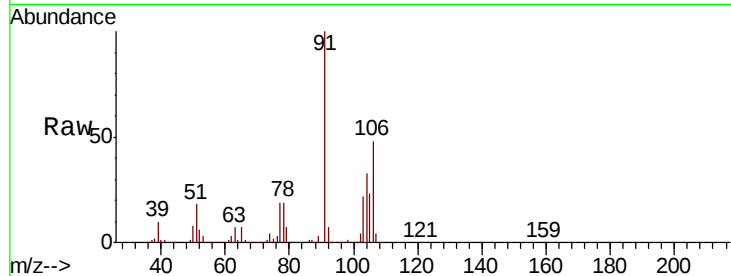




#69
o-Xylene
Concen: 52.249 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

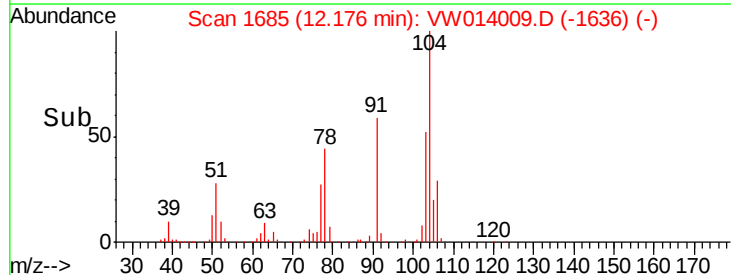
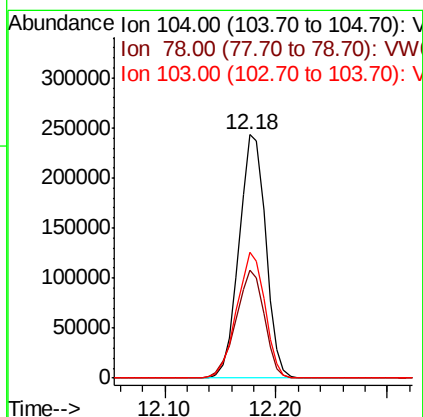
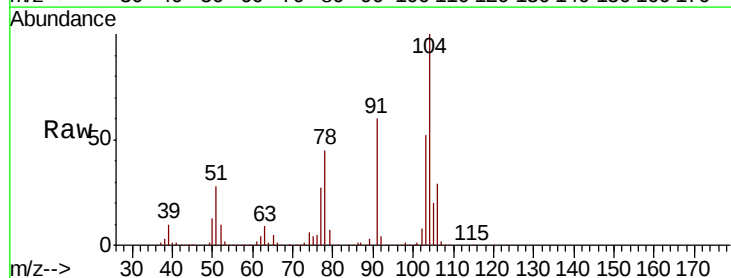
Instrument :
MSVOA_W
ClientSampled :

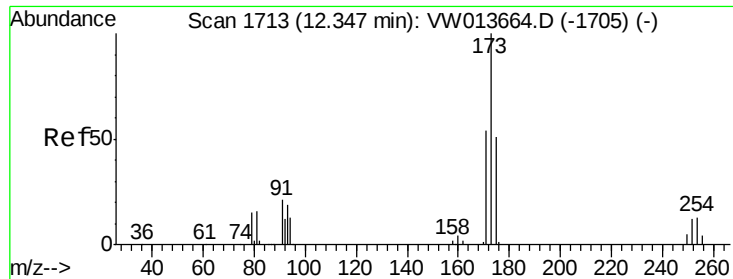
Tot Ion:106 Resp: 231126
Ion Ratio Lower Upper
106 100
91 211.8 104.9 314.7



#70
Styrene
Concen: 53.337 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion:104 Resp: 405375
Ion Ratio Lower Upper
104 100
78 47.2 37.1 55.7
103 54.4 43.6 65.4





#71

Bromoform

Concen: 62.831 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

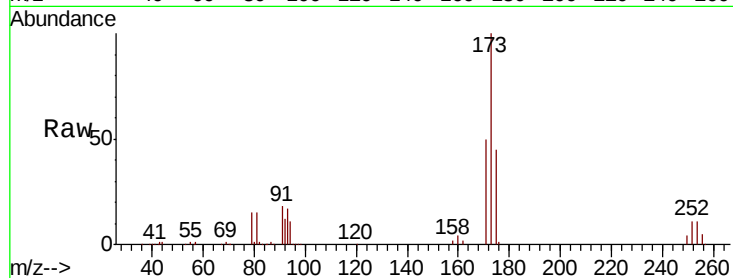
Tot Ion:173 Resp: 79494

Ion Ratio Lower Upper

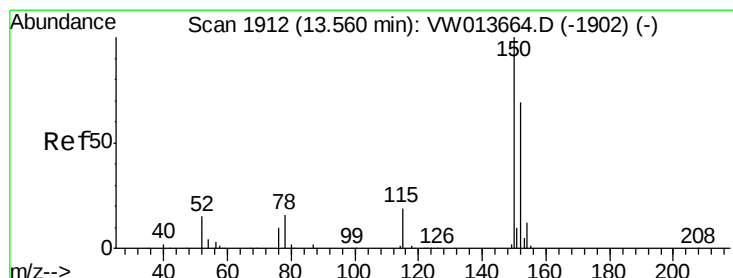
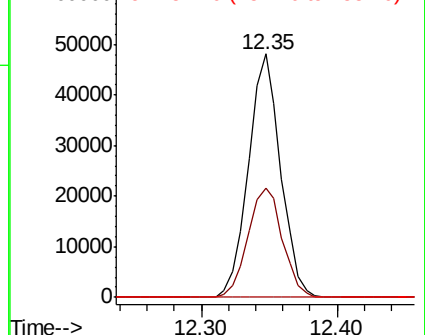
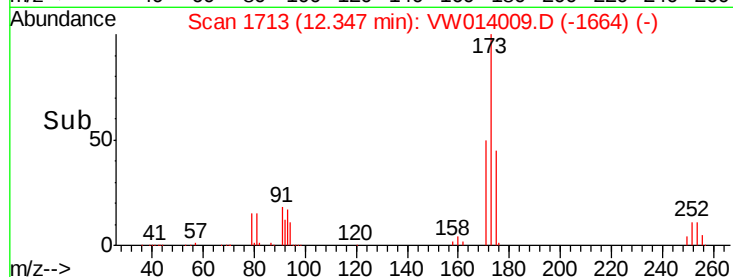
173 100

175 48.1 25.2 75.6

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

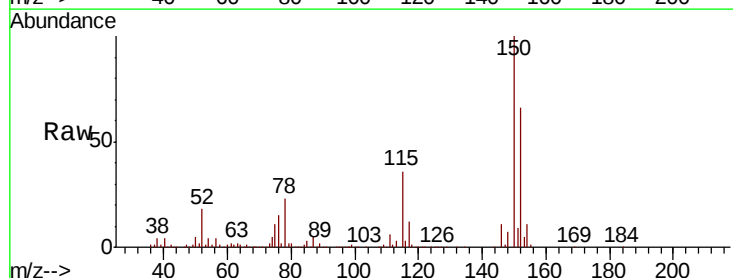
Tgt Ion:152 Resp: 177102

Ion Ratio Lower Upper

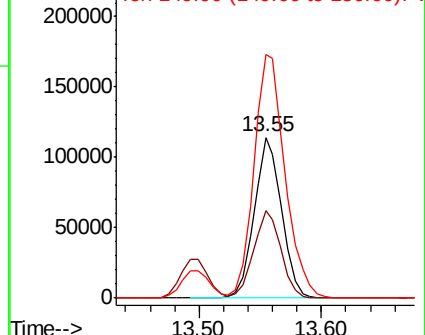
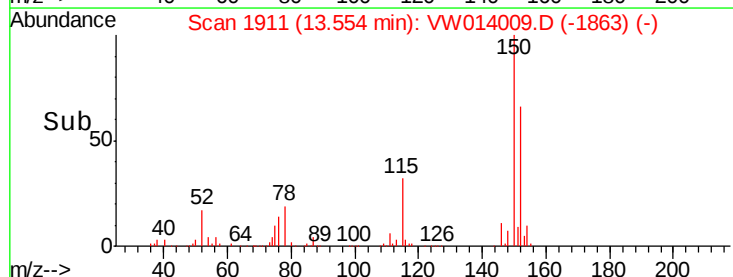
152 100

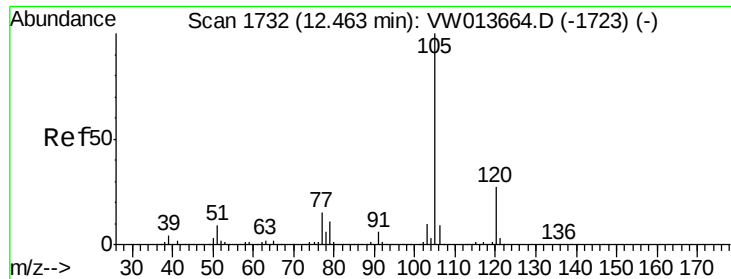
115 54.5 27.4 82.2

150 172.4 0.0 345.4



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: 50.965 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

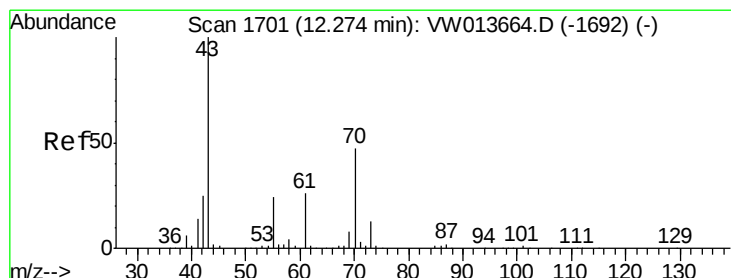
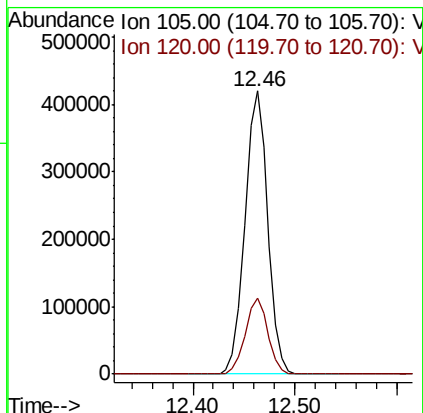
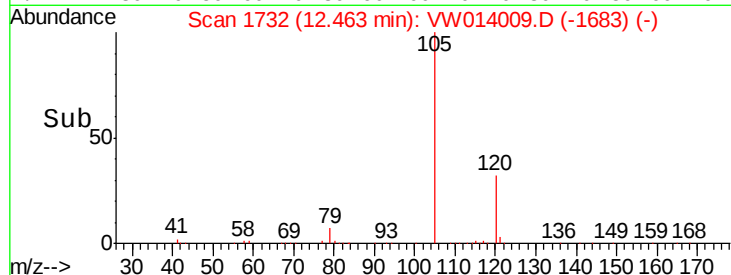
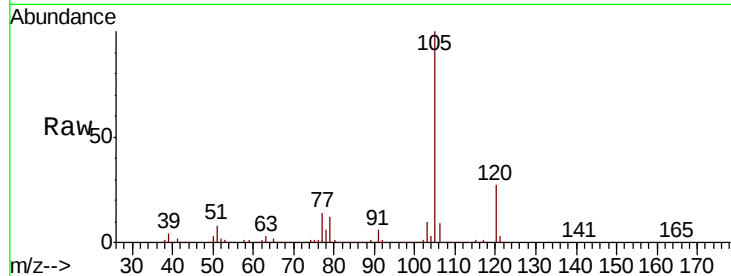
ClientSampled :

Tot Ion:105 Resp: 648190

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 69.962 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Tgt Ion: 43 Resp: 172124

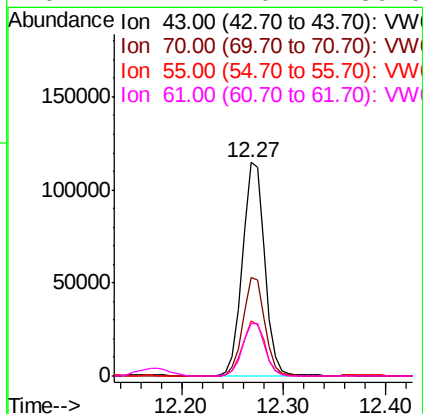
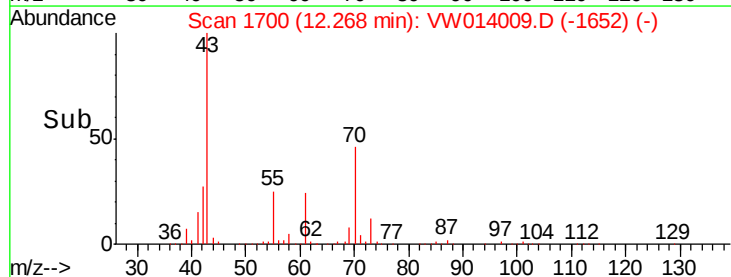
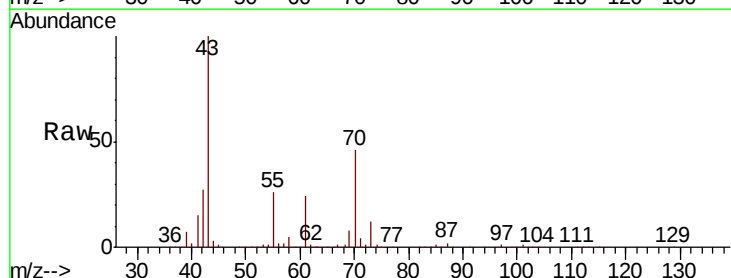
Ion Ratio Lower Upper

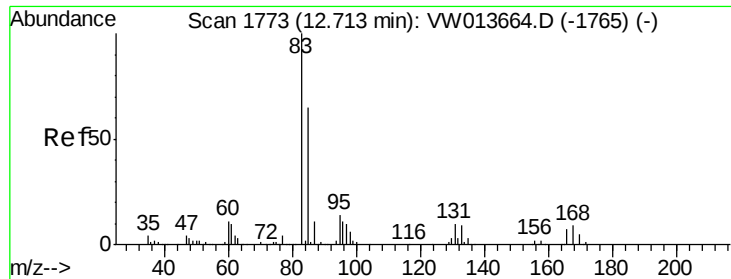
43 100

70 45.6 36.6 55.0

55 26.0 20.3 30.5

61 24.7 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 64.343 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampled :

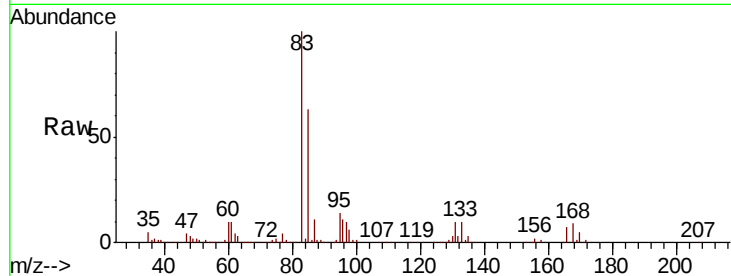
Tot Ion: 83 Resp: 129137

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

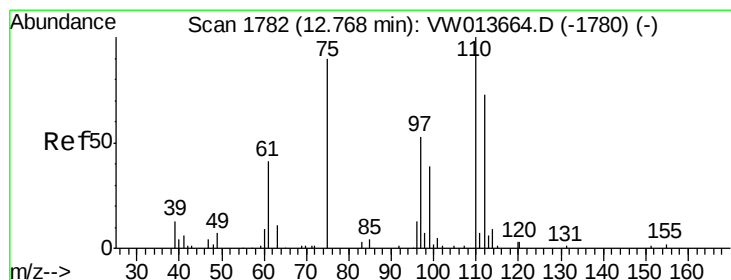
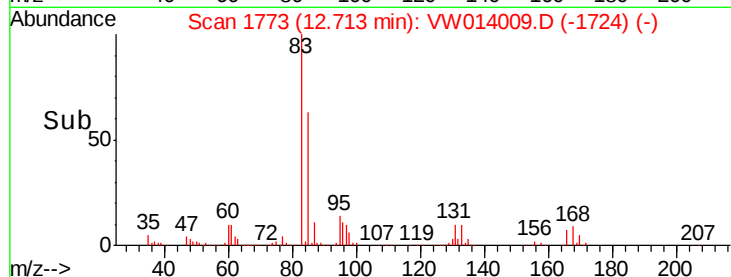
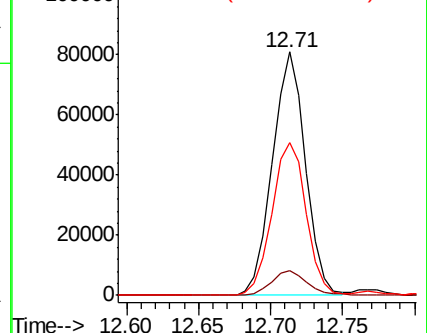
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 129.394 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014009.D

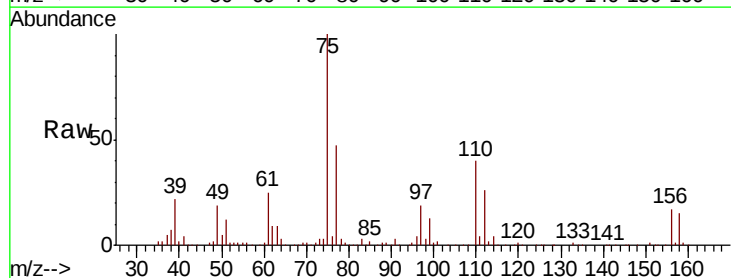
Acq: 13 Nov 2019 16:16

Tgt Ion: 75 Resp: 164568

Ion Ratio Lower Upper

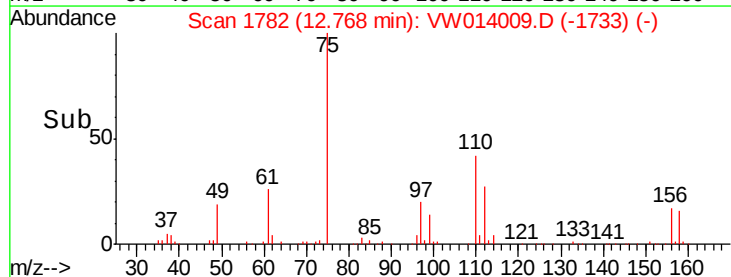
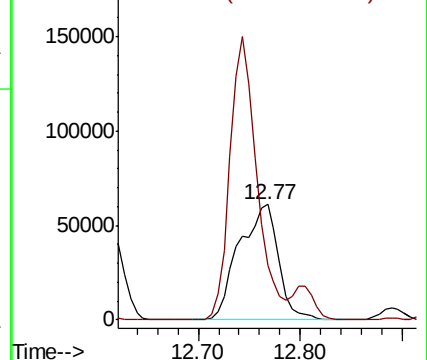
75 100

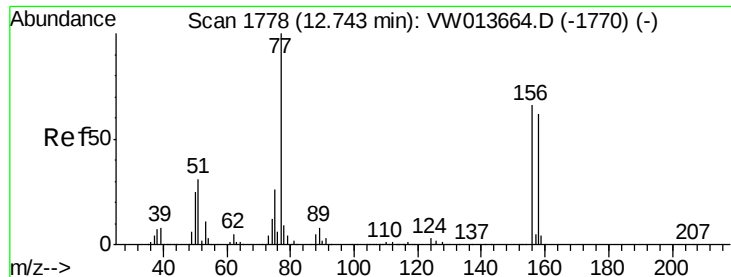
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.118 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

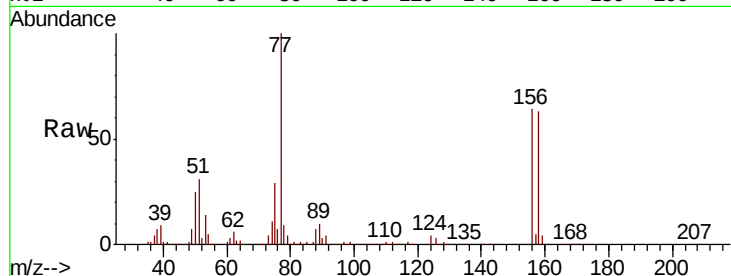
Tot Ion:156 Resp: 158345

Ion Ratio Lower Upper

156 100

77 173.9 82.9 248.7

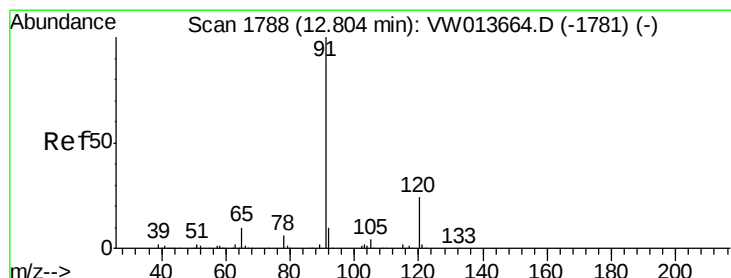
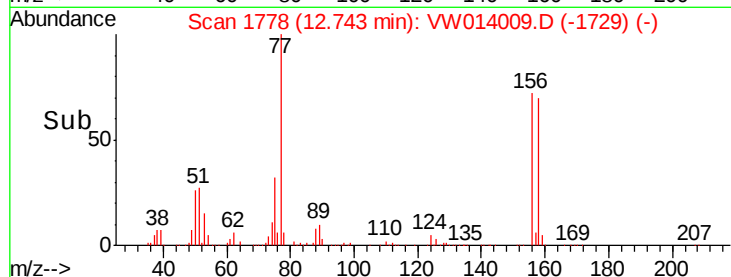
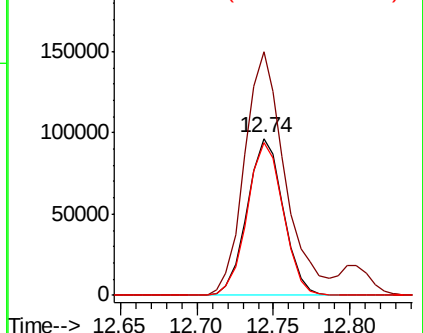
158 97.0 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.257 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014009.D

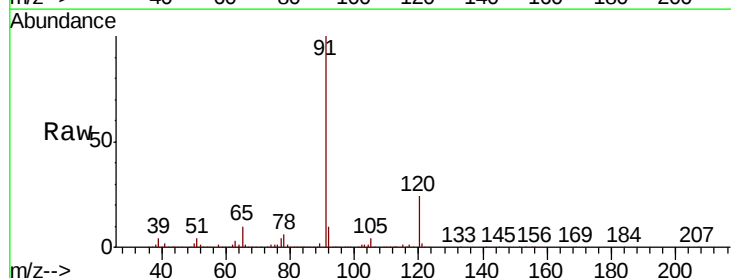
Acq: 13 Nov 2019 16:16

Tgt Ion: 91 Resp: 754530

Ion Ratio Lower Upper

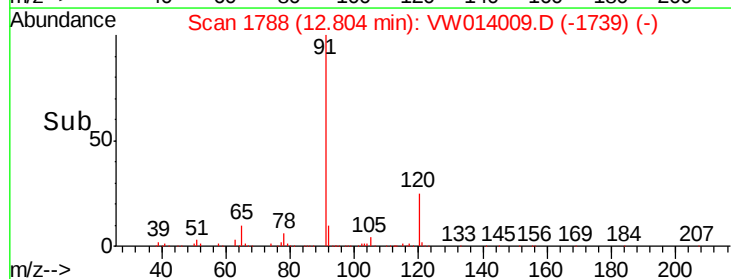
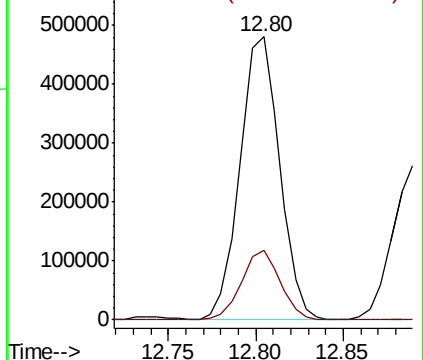
91 100

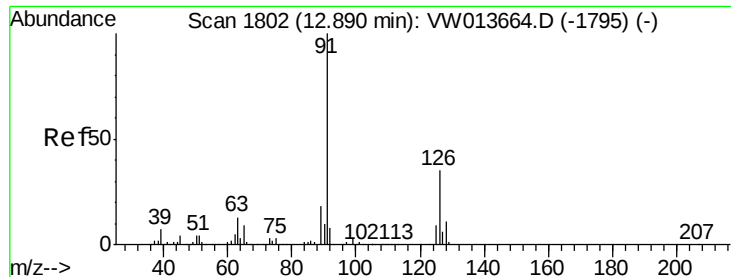
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.411 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

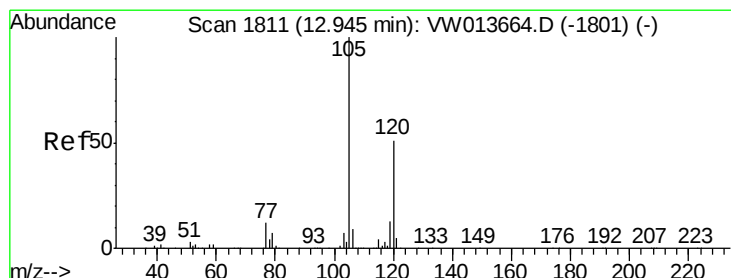
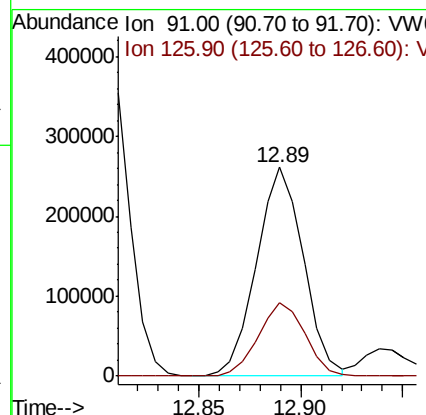
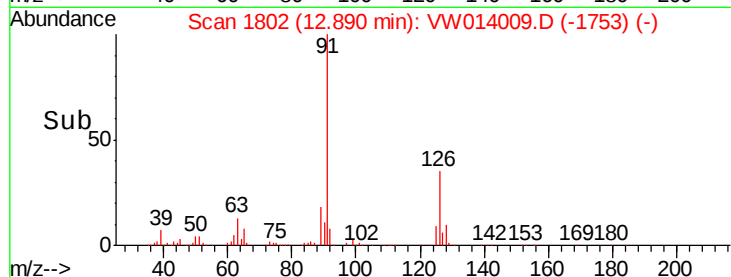
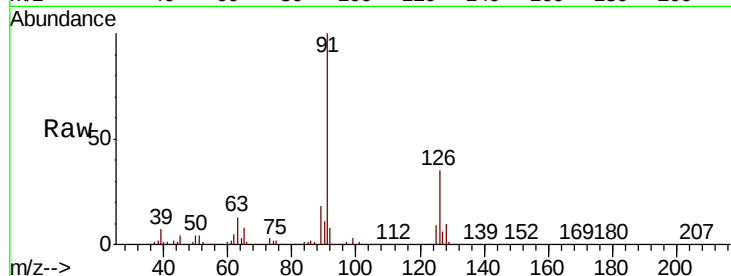
ClientSampled :

Tot Ion: 91 Resp: 417028

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.042 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW014009.D

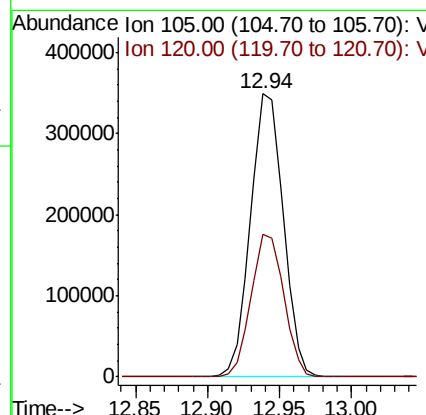
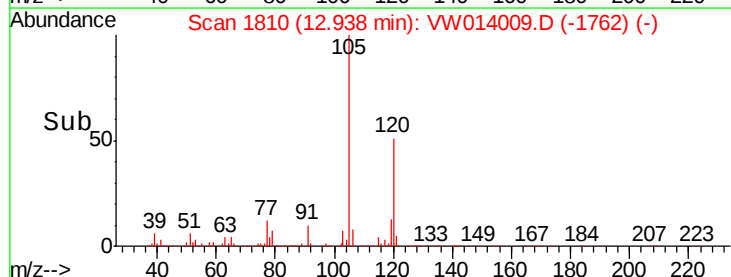
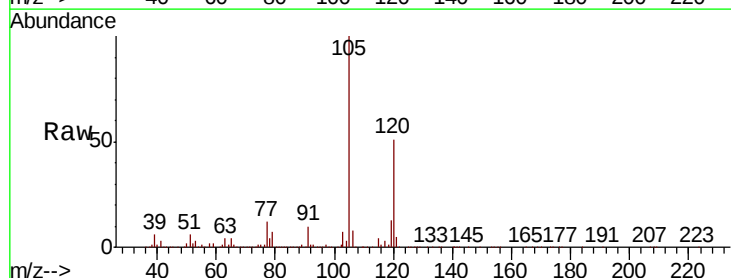
Acq: 13 Nov 2019 16:16

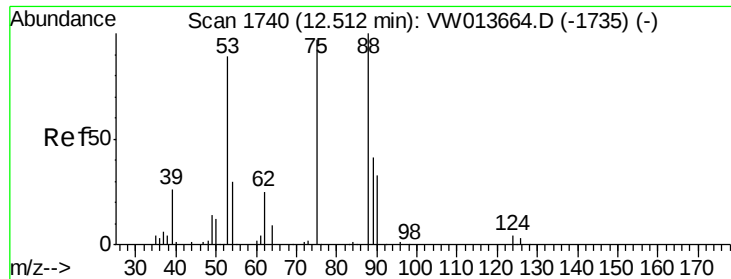
Tgt Ion:105 Resp: 548002

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 65.421 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

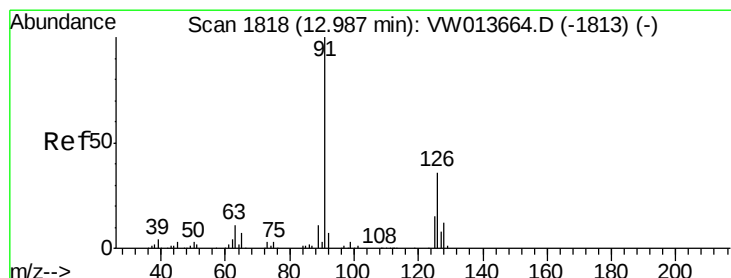
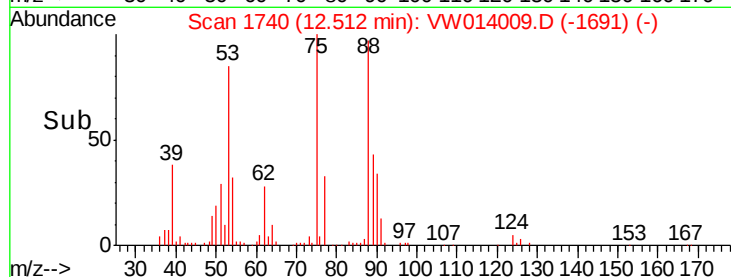
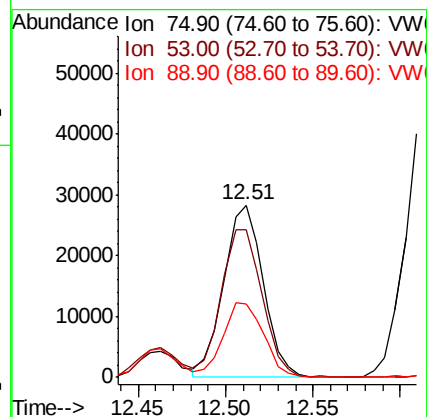
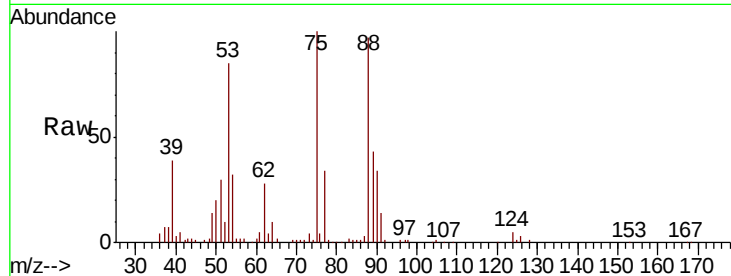
Tot Ion: 75 Resp: 44027

Ion Ratio Lower Upper

75 100

53 90.4 71.7 107.5

89 45.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.141 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014009.D

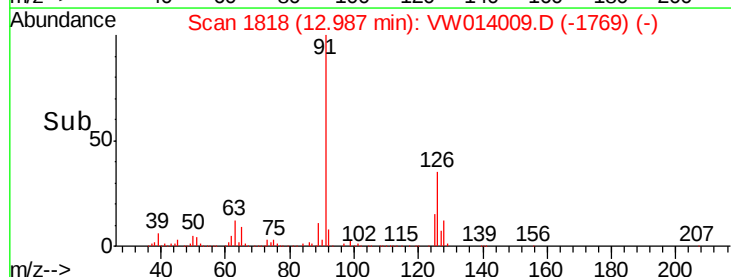
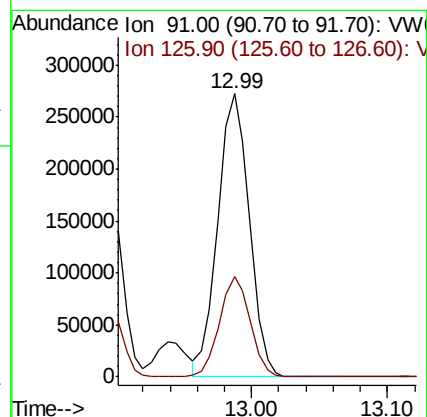
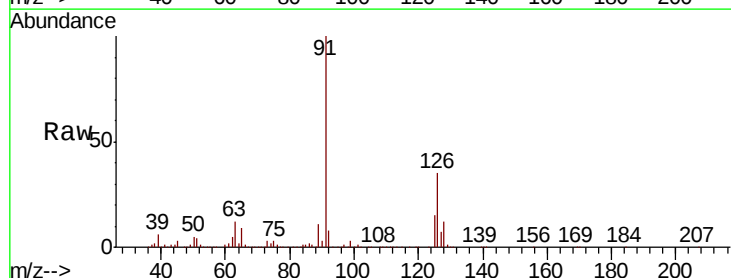
Acq: 13 Nov 2019 16:16

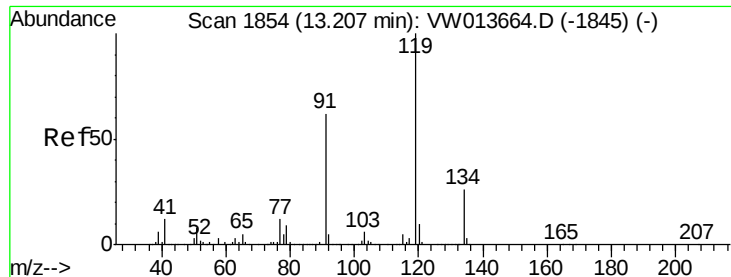
Tgt Ion: 91 Resp: 435469

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.5

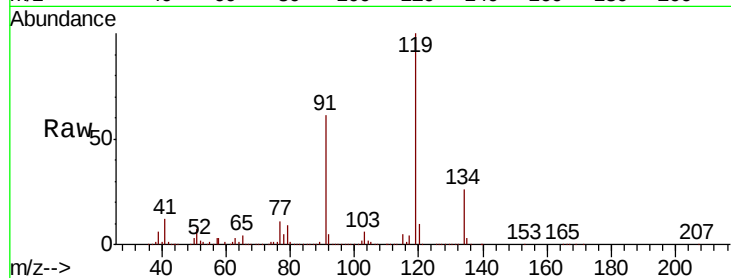




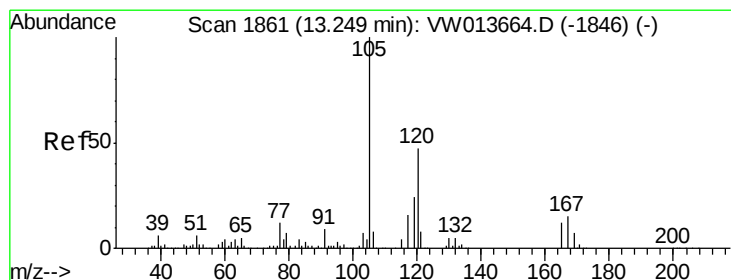
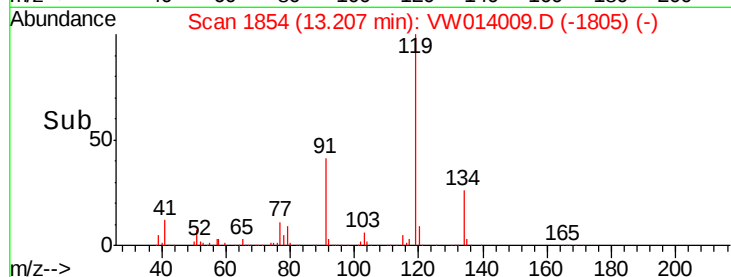
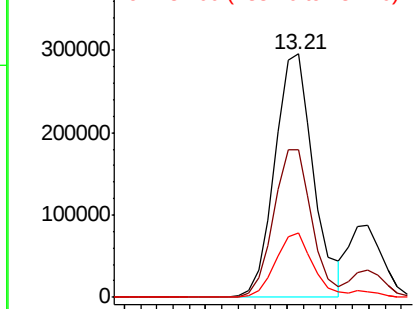
#83
tert-Butylbenzene
Concen: 51.107 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 487054
Ion Ratio Lower Upper
119 100
91 60.0 30.4 91.3
134 25.6 13.6 40.8

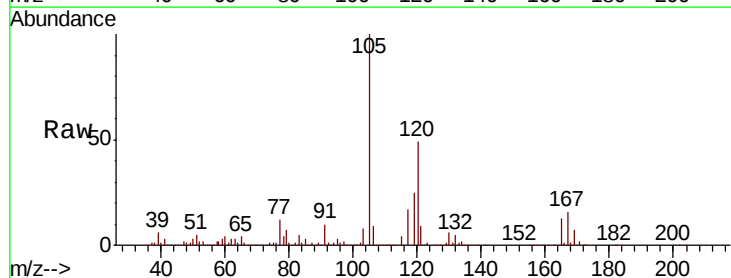


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

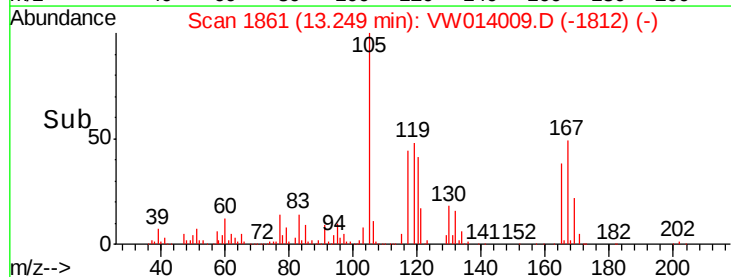
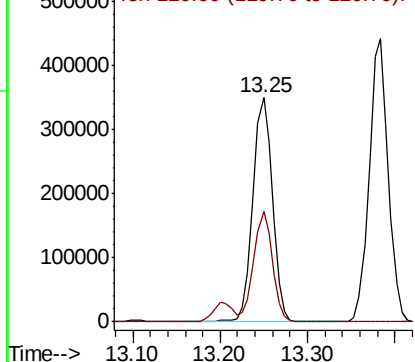


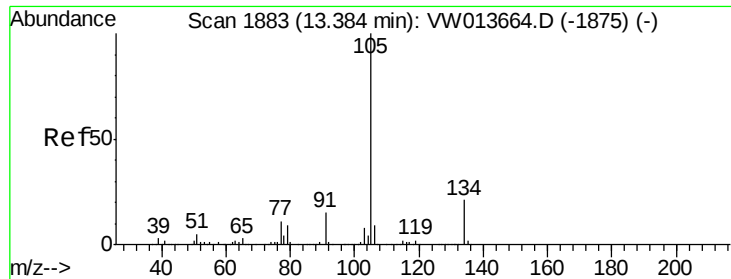
#84
1,2,4-Trimethylbenzene
Concen: 51.050 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014009.D
Acq: 13 Nov 2019 16:16

Tgt Ion:105 Resp: 540658
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.5



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





#85

sec-Butylbenzene

Concen: 51.326 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

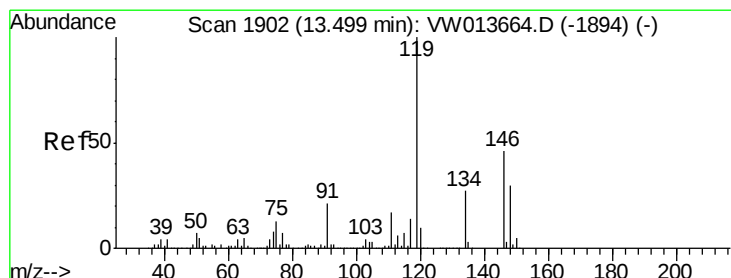
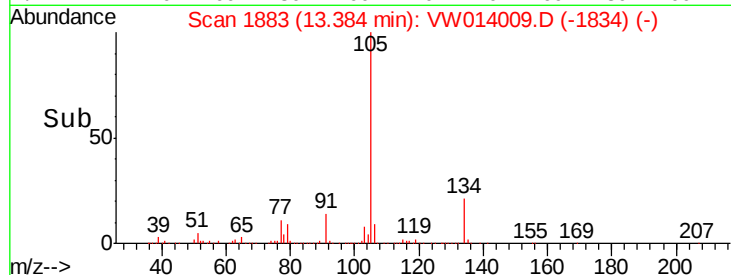
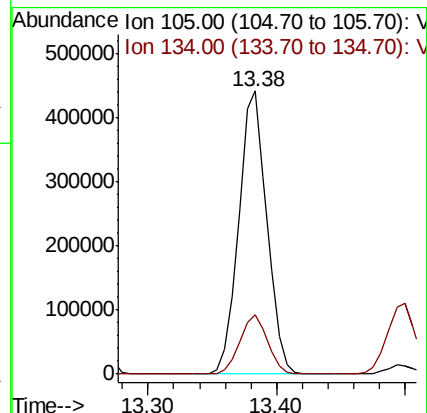
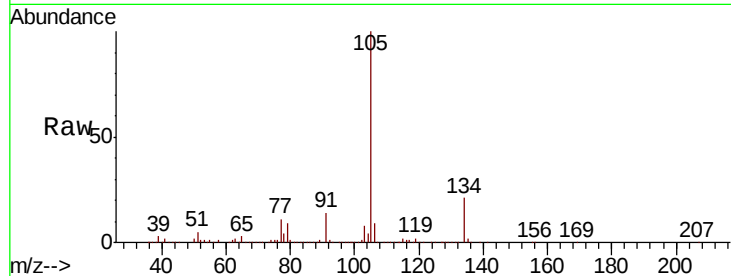
ClientSampleId :

Tot Ion:105 Resp: 668875

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



#86

p-Isopropyltoluene

Concen: 51.323 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

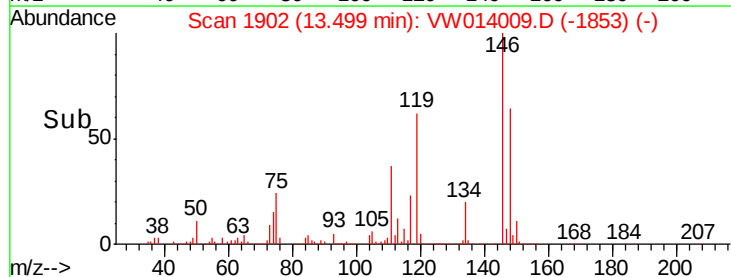
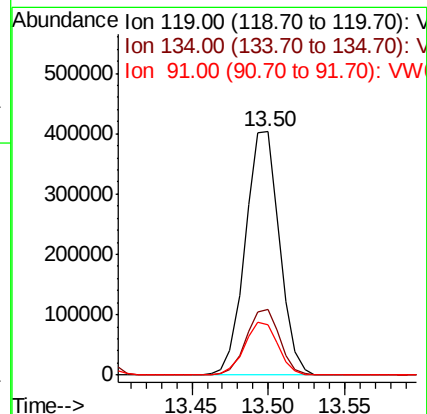
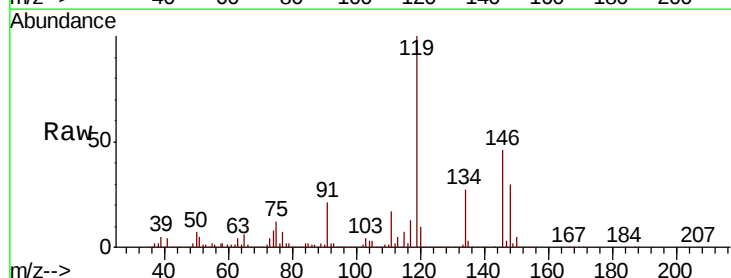
Tgt Ion:119 Resp: 623030

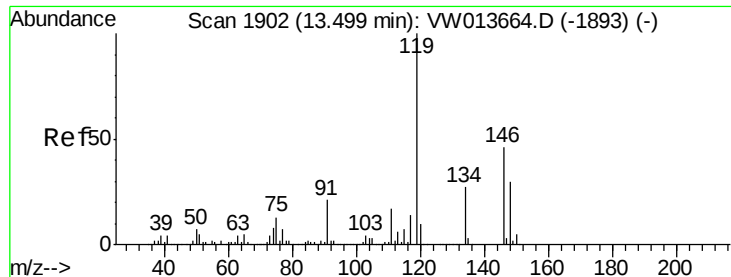
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 21.3 10.8 32.3

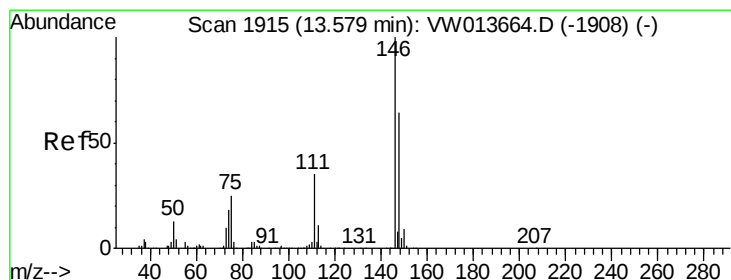
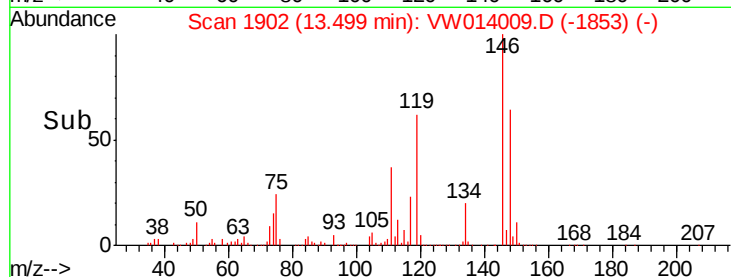
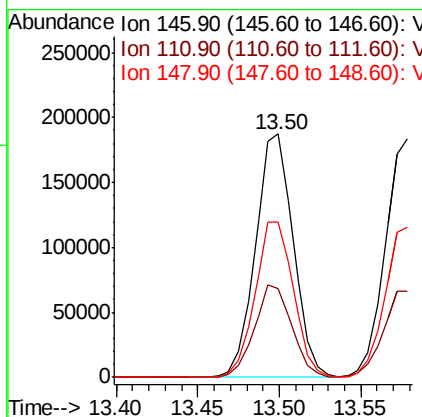
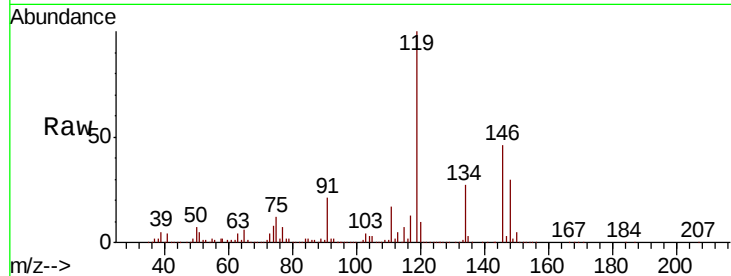




#87
 1,3-Dichlorobenzene
 Concen: 51.170 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

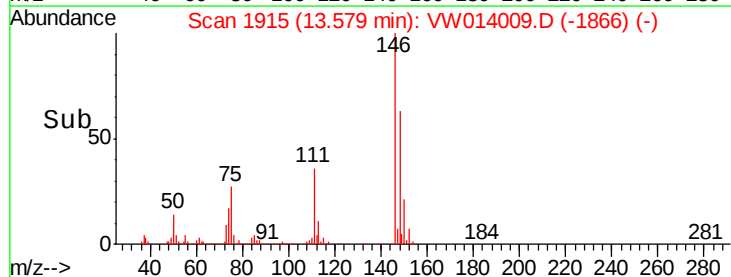
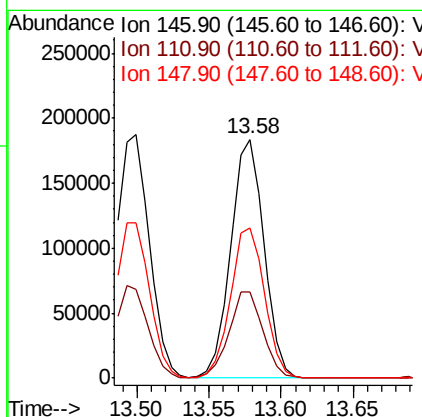
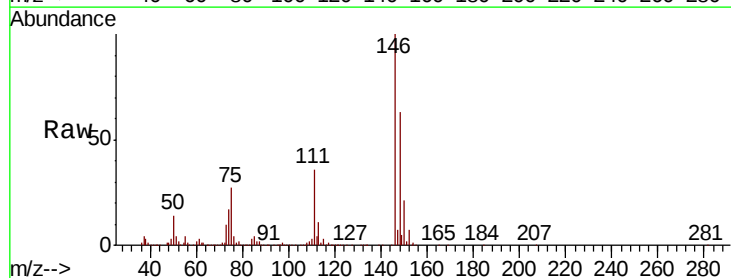
Instrument :
 MSVOA_W
 ClientSampled :

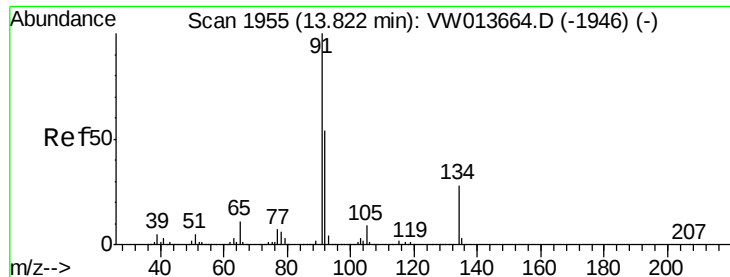
Tot Ion:146 Resp: 301221
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 64.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.676 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion:146 Resp: 296359
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 51.592 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampled :

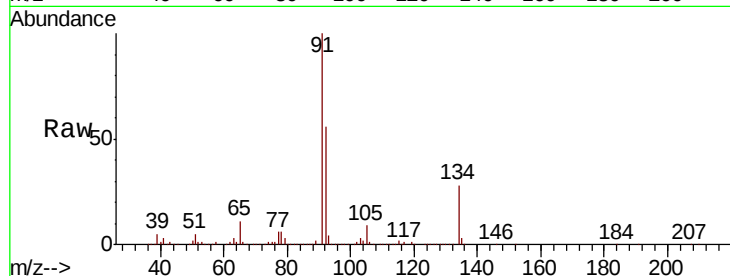
Tot Ion: 91 Resp: 565319

Ion Ratio Lower Upper

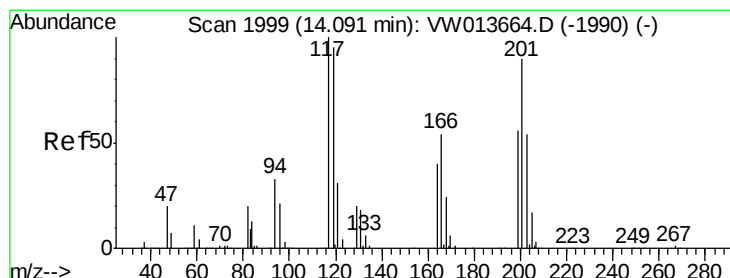
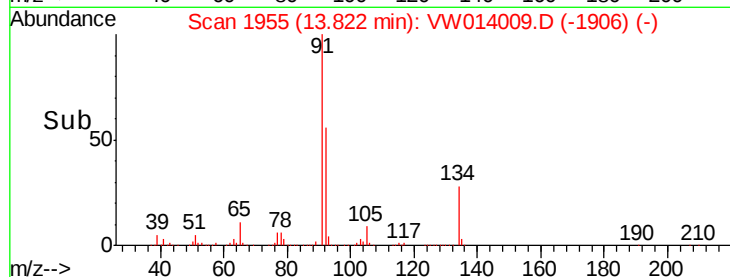
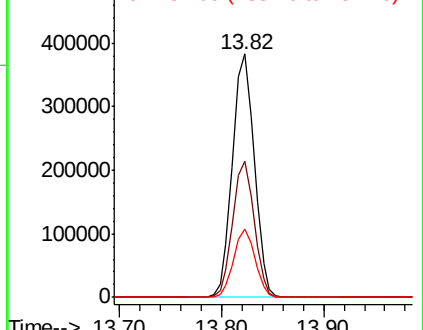
91 100

92 55.1 27.5 82.4

134 27.6 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.694 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014009.D

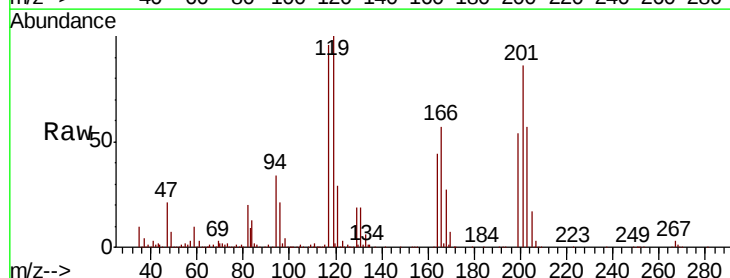
Acq: 13 Nov 2019 16:16

Tgt Ion: 117 Resp: 104856

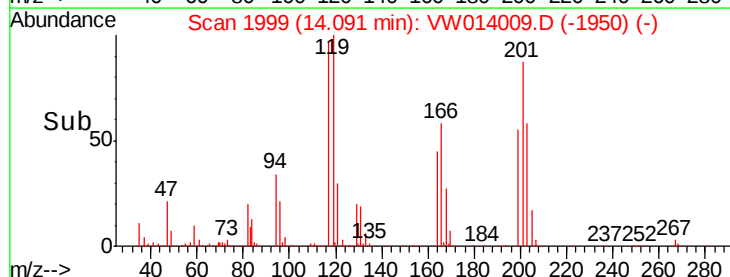
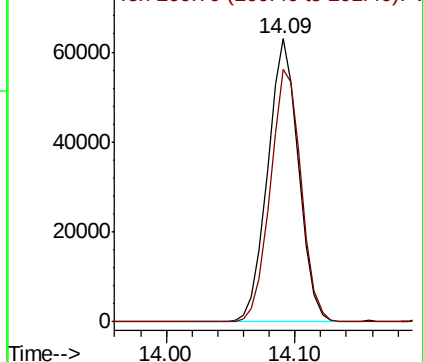
Ion Ratio Lower Upper

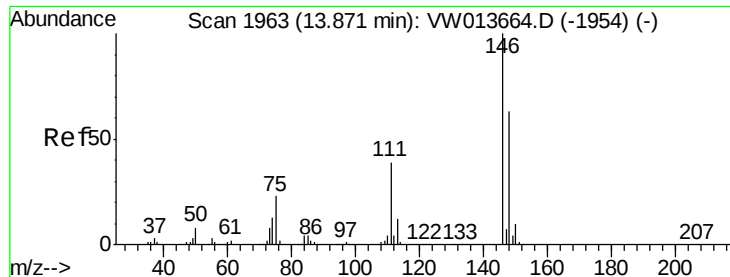
117 100

201 89.1 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

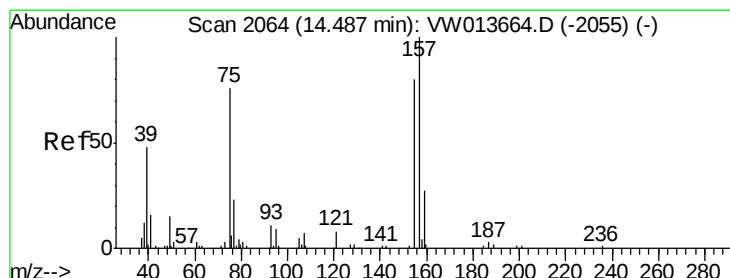
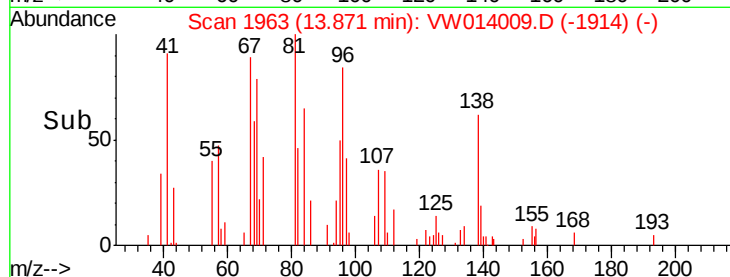
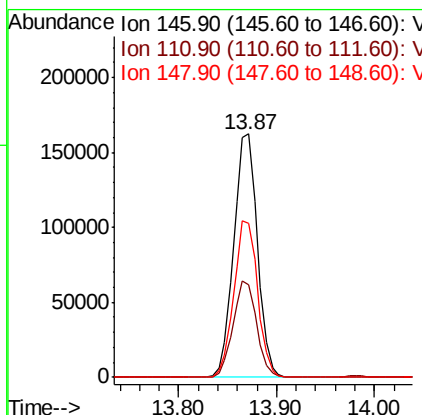
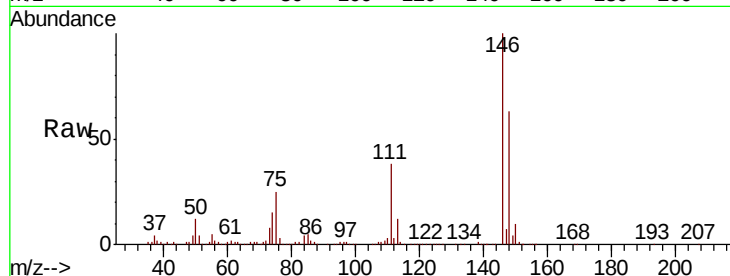




#91
 1,2-Dichlorobenzene
 Concen: 53.352 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

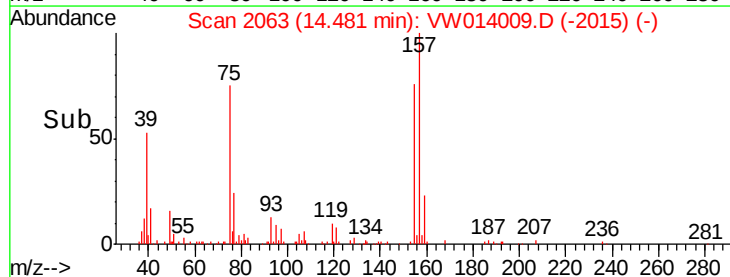
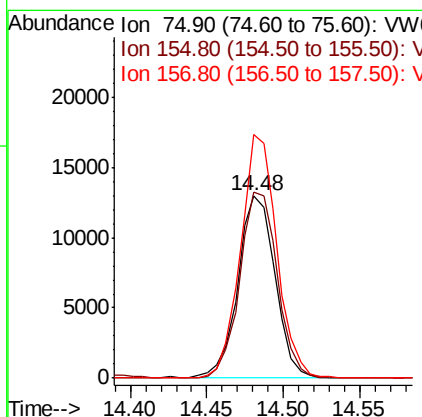
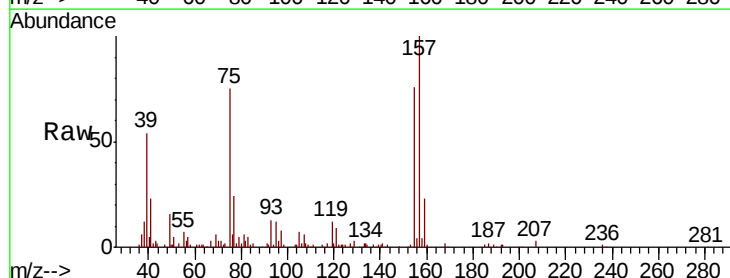
Instrument :
 MSVOA_W
 ClientSampleId :

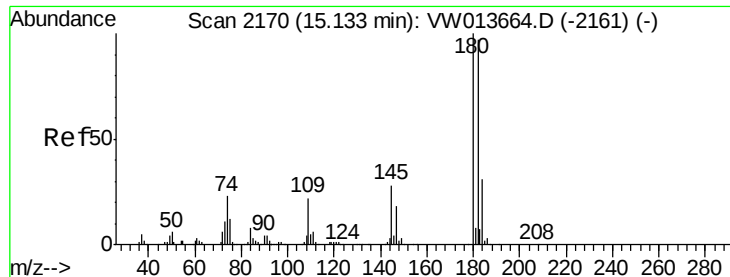
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.6
148	64.5	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 72.243 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.0	51.9	155.7
157	130.0	64.8	194.3

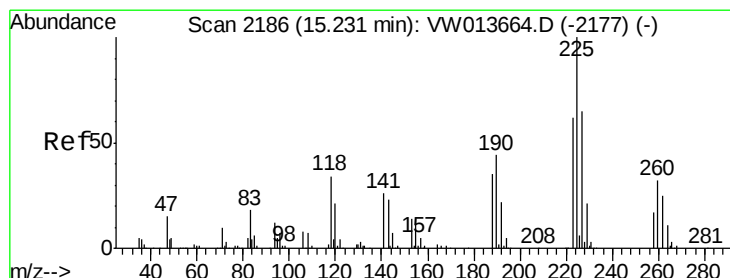
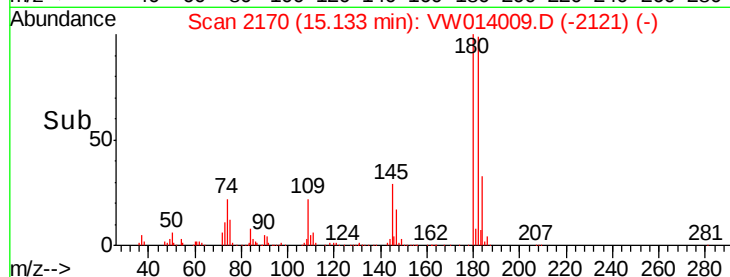
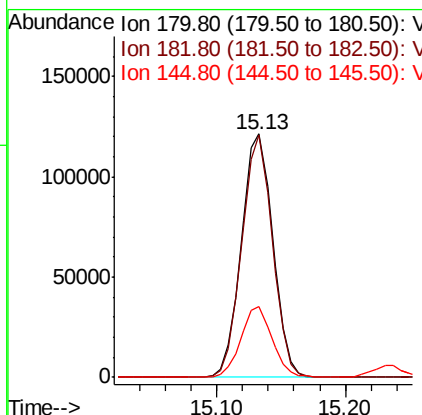
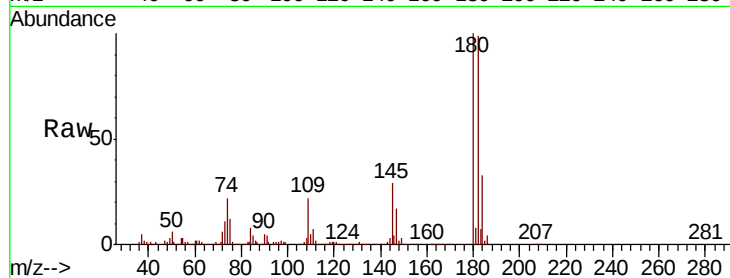




#93
 1,2,4-Trichlorobenzene
 Concen: 55.241 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

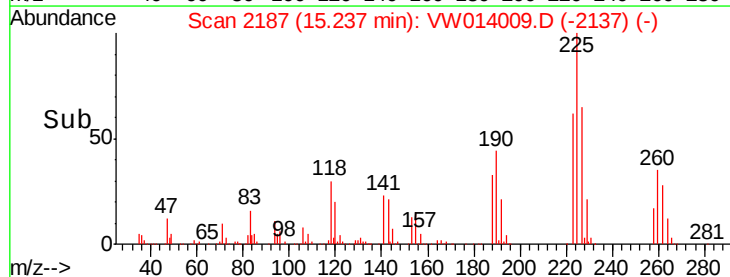
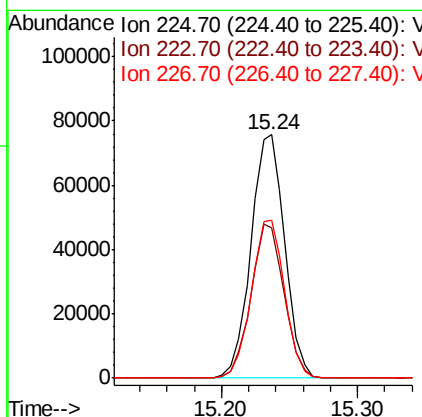
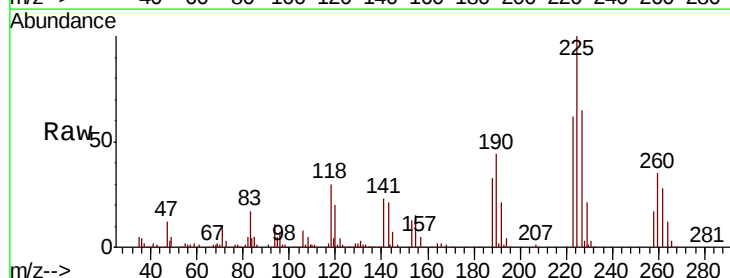
Instrument :
 MSVOA_W
 ClientSampleId :

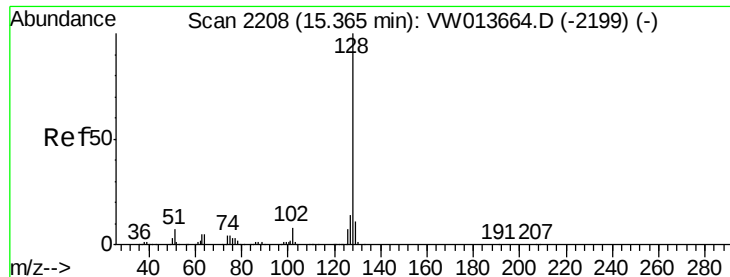
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	29.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 52.412 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014009.D
 Acq: 13 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.9
227	64.0	32.5	97.4





#95

Naphthalene

Concen: 71.547 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

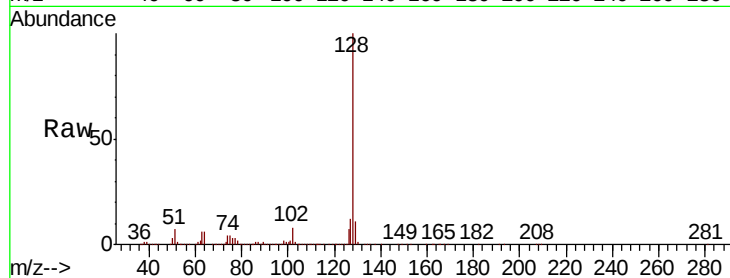
Tot Ion:128 Resp: 416689

Ion Ratio Lower Upper

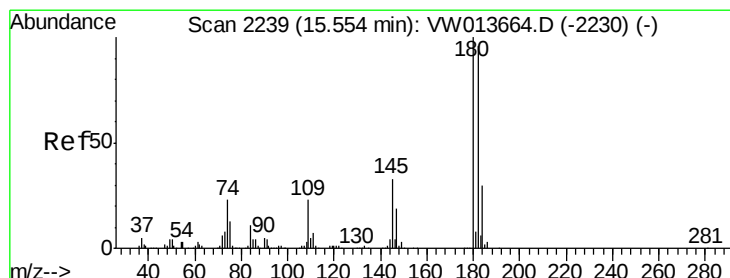
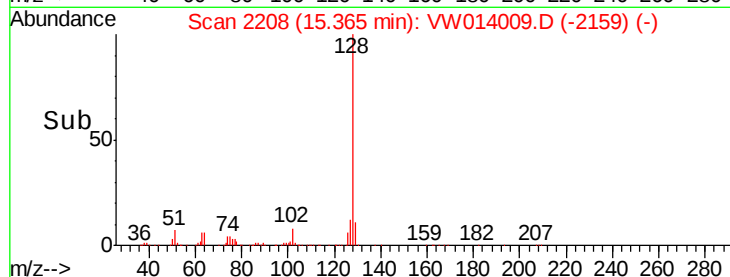
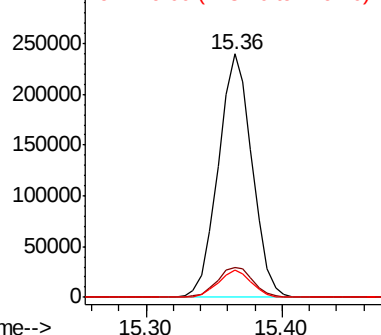
128 100

127 13.1 10.6 15.8

129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 58.749 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014009.D

Acq: 13 Nov 2019 16:16

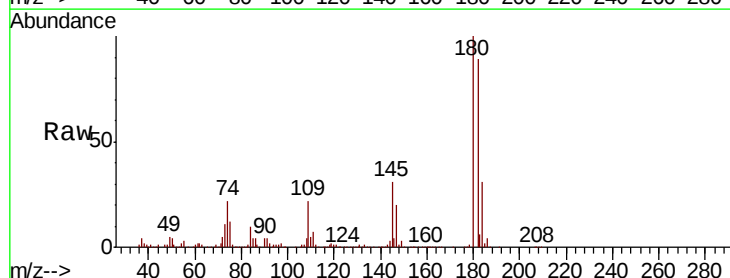
Tgt Ion:180 Resp: 188042

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 30.9 14.9 44.9



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

