

Data File : VW013975.D
Acq On : 12 Nov 2019 15:11
Operator : SY/VA
Sample : VW1112SBS01
Misc : 5.00G/5.0ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

Quant Time: Nov 13 06:42:10 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	259902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	163886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	99813	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	100531	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.32	98	415651	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	140959	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32902	24.029	ug/l	94
3) Chloromethane	2.21	50	30446	20.690	ug/l	95
4) Vinyl Chloride	2.36	62	50571	22.756	ug/l	97
5) Bromomethane	2.77	94	32349	22.133	ug/l	100
6) Chloroethane	2.92	64	28988	21.557	ug/l	91
7) Trichlorofluoromethane	3.25	101	26215	18.886	ug/l	93
8) Diethyl Ether	3.67	74	24149	21.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50231	22.260	ug/l	97
10) Methyl Iodide	4.27	142	79882	21.724	ug/l	99
11) Tert butyl alcohol	5.16	59	17062	146.591	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50267	21.565	ug/l	96
13) Acrolein	3.89	56	11095	83.204	ug/l	91
14) Allyl chloride	4.66	41	75757	21.136	ug/l	100
15) Acrylonitrile	5.35	53	49806	109.222	ug/l	97
16) Acetone	4.12	43	44510	107.669	ug/l	95
17) Carbon Disulfide	4.38	76	145312	21.707	ug/l	100
18) Methyl Acetate	4.67	43	28746	25.367	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	59373	21.226	ug/l	97
20) Methylene Chloride	4.92	84	56996	22.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	54559	21.747	ug/l	96
22) Diisopropyl ether	6.31	45	141326	21.616	ug/l	97
23) Vinyl Acetate	6.25	43	401473	105.830	ug/l	98
24) 1,1-Dichloroethane	6.21	63	87956	21.242	ug/l	99
25) 2-Butanone	7.16	43	68292	114.905	ug/l	94
26) 2,2-Dichloropropane	7.16	77	53141	22.195	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	57706	21.656	ug/l	97
28) Bromochloromethane	7.51	49	23560	16.883	ug/l #	95
29) Tetrahydrofuran	7.52	42	43153	117.278	ug/l	98
30) Chloroform	7.67	83	90416	22.089	ug/l	97
31) Cyclohexane	7.95	56	88244	20.365	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	70377	21.910	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74035	21.254	ug/l	98
37) Ethyl Acetate	7.25	43	28979	21.733	ug/l	98
38) Carbon Tetrachloride	8.07	117	66603	21.233	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90583	20.137	ug/l	97
40) Benzene	8.32	78	212456	21.552	ug/l	98
41) Methacrylonitrile	7.48	41	15717	18.902	ug/l	93
42) 1,2-Dichloroethane	8.40	62	53303	21.457	ug/l	99
43) Isopropyl Acetate	8.42	43	55808	21.865	ug/l	99
44) Trichloroethene	9.09	130	59974	21.239	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50068	21.264	ug/l	93
46) Dibromomethane	9.46	93	24699	21.612	ug/l	99
47) Bromodichloromethane	9.64	83	63140	21.353	ug/l	94
48) Methyl methacrylate	9.43	41	27667	21.859	ug/l	99
49) 1,4-Dioxane	9.44	88	9306	551.049	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	139318	109.845	ug/l	100
52) Toluene	10.38	92	133497	20.994	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	62693	20.943	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77389	20.954	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36775	21.591	ug/l	97
56) Ethyl methacrylate	10.65	69	45665	21.429	ug/l	99
57) 1,3-Dichloropropane	10.93	76	61441	21.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	98027	99.952	ug/l	98
59) 2-Hexanone	10.96	43	94006	107.513	ug/l	99
60) Dibromochloromethane	11.13	129	42733	21.131	ug/l	99
61) 1,2-Dibromoethane	11.23	107	34370	21.330	ug/l	99
64) Tetrachloroethene	10.86	164	51262	20.844	ug/l	97
65) Chlorobenzene	11.66	112	137982	20.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47838	20.723	ug/l	99
67) Ethyl Benzene	11.73	91	251663	21.100	ug/l	98
68) m/p-Xylenes	11.84	106	196767	42.701	ug/l	99
69) o-Xylene	12.16	106	89689	21.175	ug/l	100
70) Styrene	12.18	104	152512	20.957	ug/l	99
71) Bromoform	12.35	173	24534	20.252	ug/l #	99
73) Isopropylbenzene	12.46	105	250963	21.324	ug/l	100
74) N-amyl acetate	12.27	43	49318	21.662	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40070	21.575	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	50845	43.201	ug/l #	100
77) Bromobenzene	12.74	156	59055	21.005	ug/l	98
78) n-propylbenzene	12.80	91	290855	21.352	ug/l	99
79) 2-Chlorotoluene	12.89	91	164187	21.448	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211824	21.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12959	20.809	ug/l	96
82) 4-Chlorotoluene	12.99	91	173179	21.548	ug/l	100
83) tert-Butylbenzene	13.21	119	184674	20.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	208321	21.256	ug/l	99
85) sec-Butylbenzene	13.38	105	254635	21.115	ug/l	99
86) p-Isopropyltoluene	13.50	119	238095	21.195	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	115583	21.218	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	114149	21.093	ug/l	98
89) n-Butylbenzene	13.82	91	208170	20.530	ug/l	99
90) Hexachloroethane	14.09	117	39916	20.443	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	100530	21.284	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5824	20.738	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111219\
Quantitation Report (Not Reviewed)

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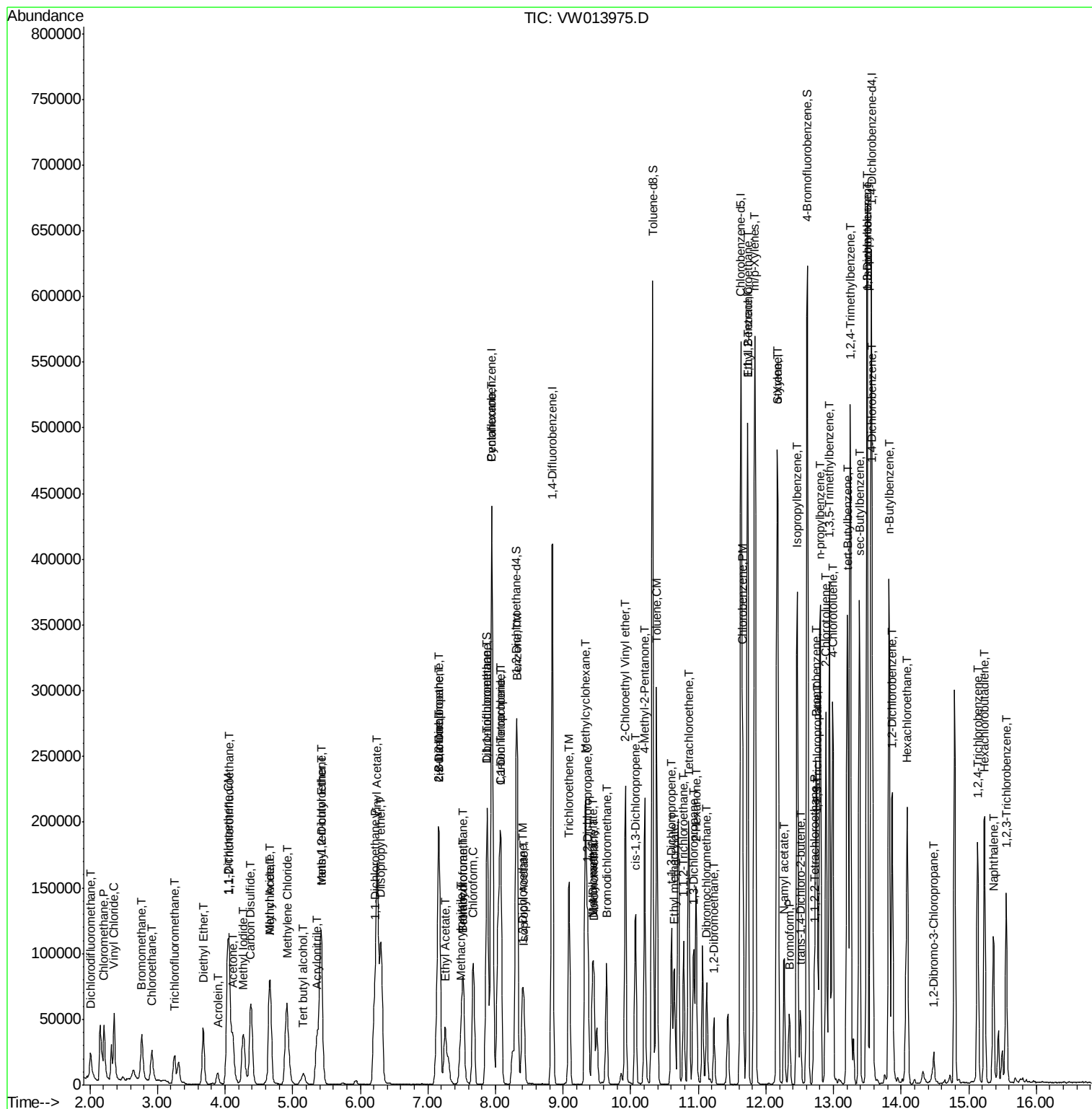
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65562	19.073	ug/l	99
94) Hexachlorobutadiene	15.24	225	47024	20.264	ug/l	98
95) Naphthalene	15.36	128	99481	18.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	55328	18.680	ug/l	98

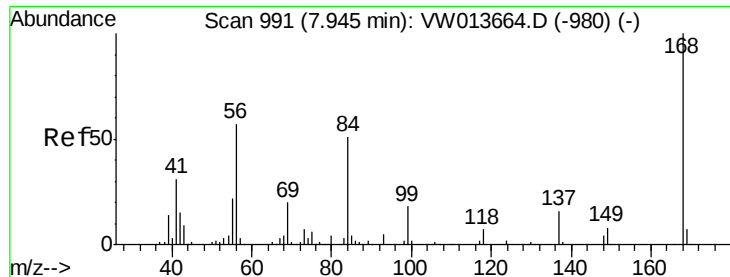
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

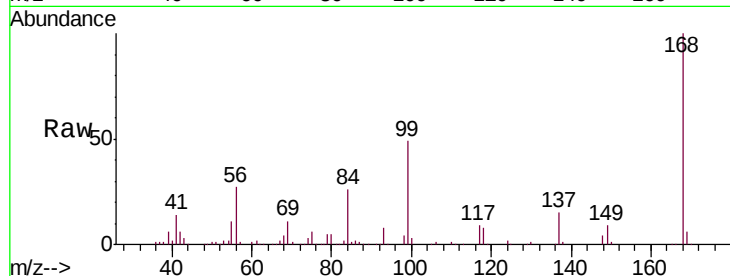
VW1112SBS01

Tgt Ion: 168 Resp: 259902

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

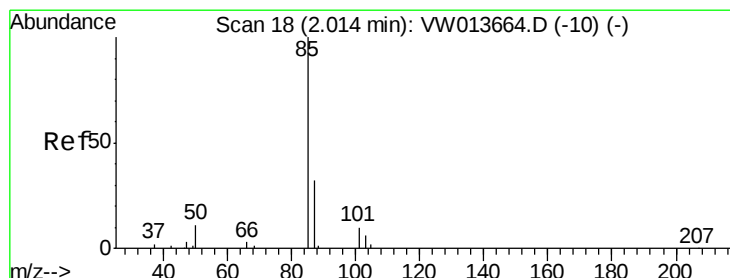
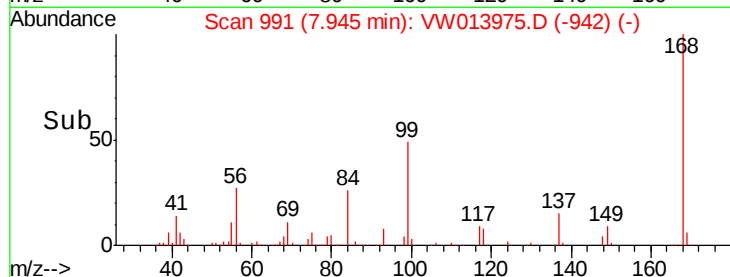
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.029 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013975.D

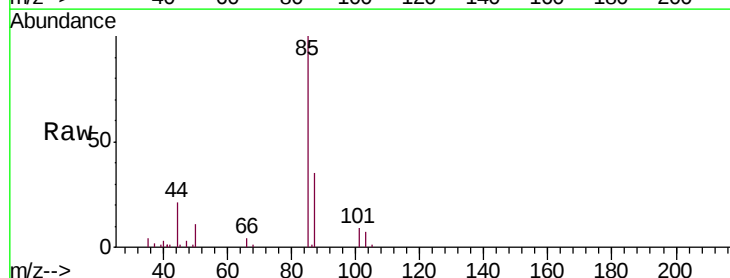
Acq: 12 Nov 2019 15:11

Tgt Ion: 85 Resp: 32902

Ion Ratio Lower Upper

85 100

87 35.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

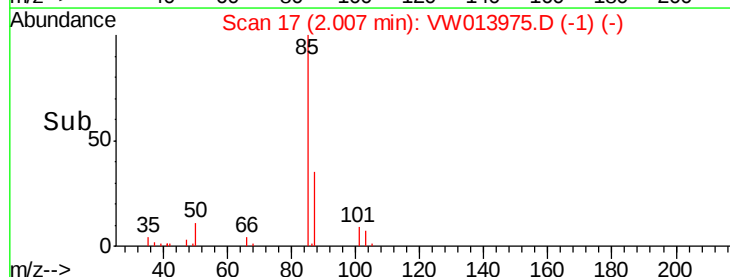
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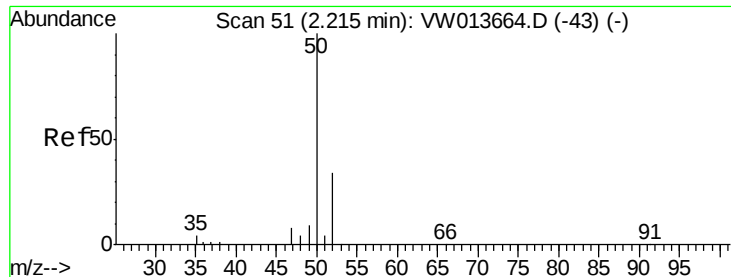
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.690 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

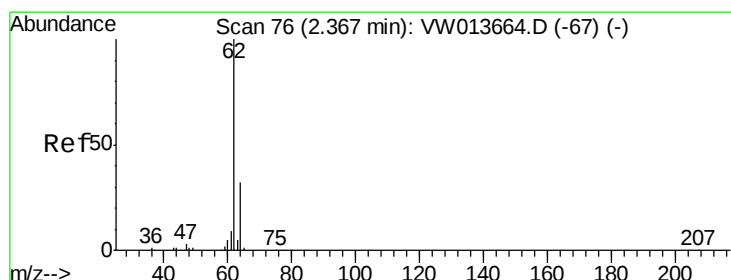
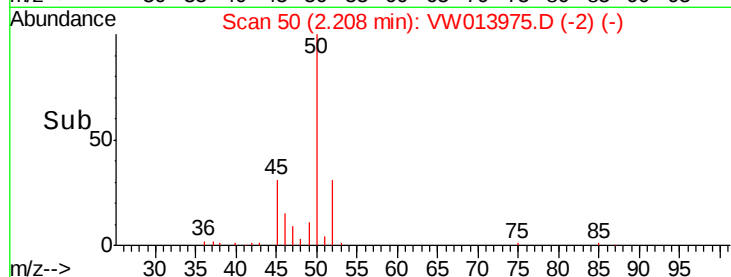
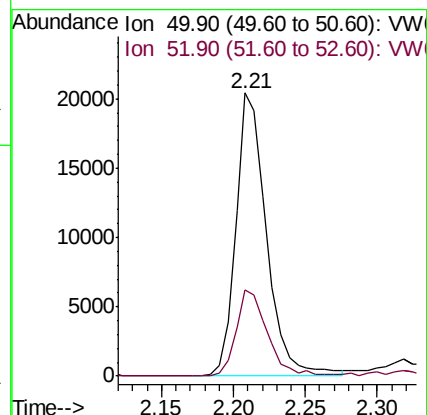
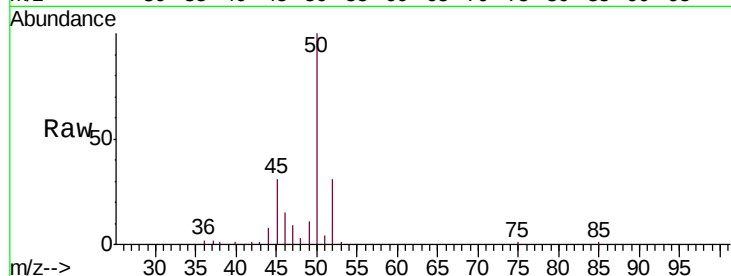
VW1112SBS01

Tgt Ion: 50 Resp: 30446

Ion Ratio Lower Upper

50 100

52 30.6 26.9 40.3



#4

Vinyl Chloride

Concen: 22.756 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013975.D

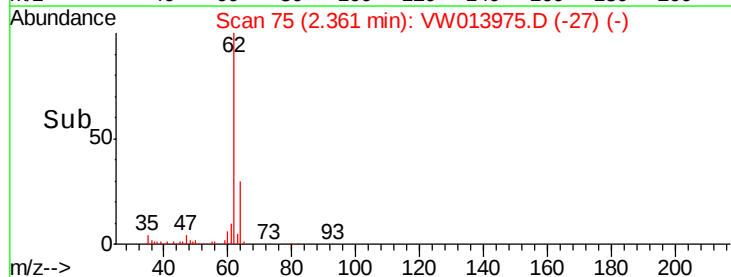
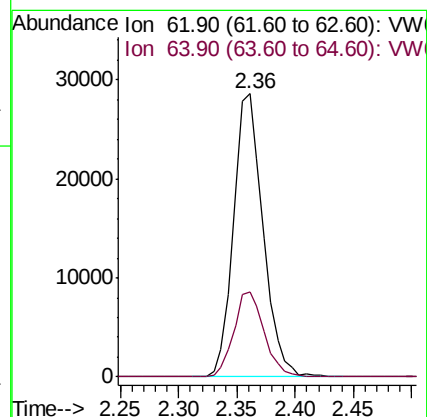
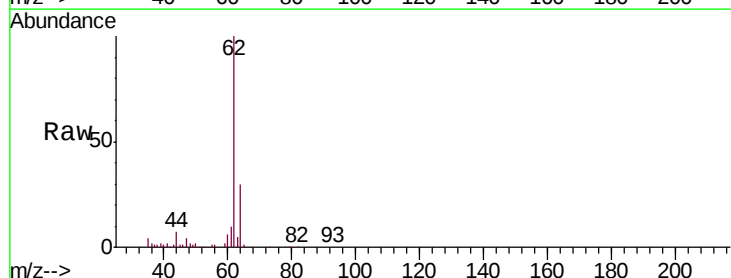
Acq: 12 Nov 2019 15:11

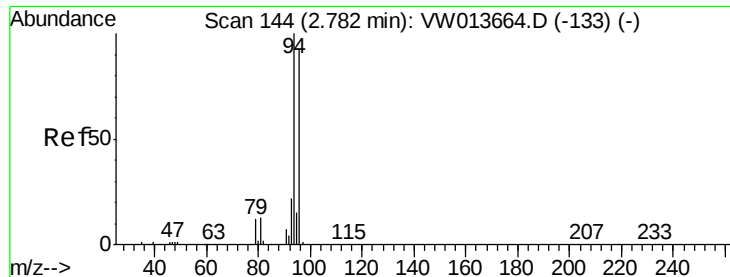
Tgt Ion: 62 Resp: 50571

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3





#5

Bromomethane

Concen: 22.133 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

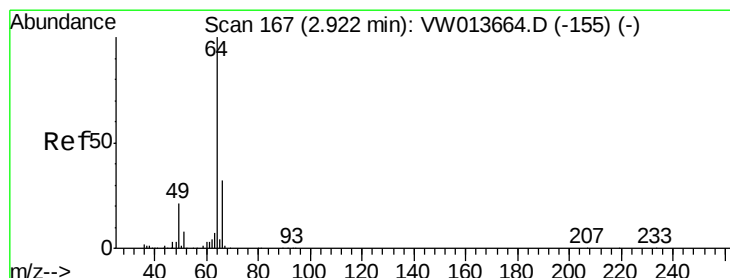
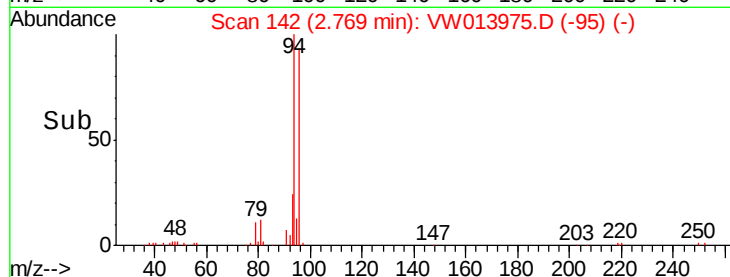
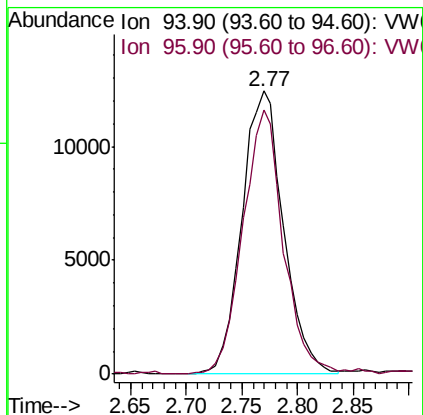
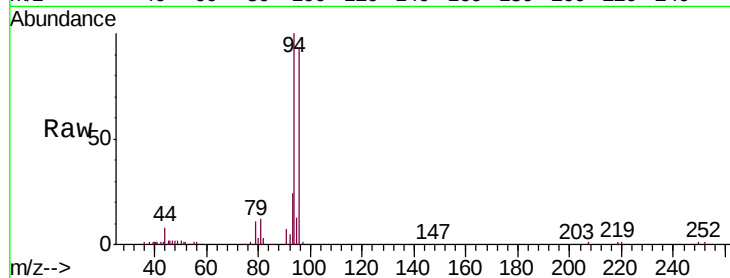
VW1112SBS01

Tgt Ion: 94 Resp: 32349

Ion Ratio Lower Upper

94 100

96 93.4 74.6 112.0



#6

Chloroethane

Concen: 21.557 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW013975.D

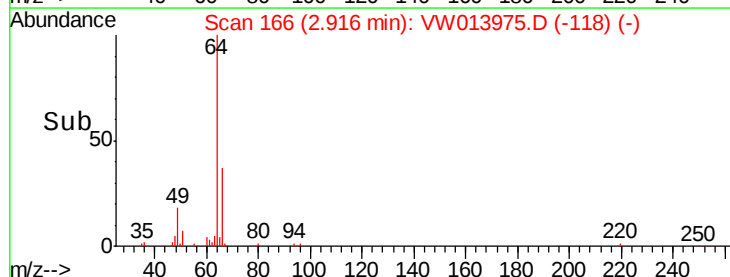
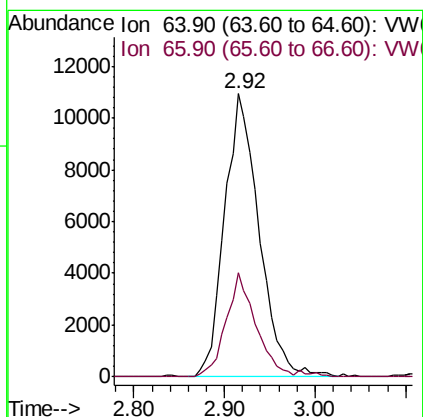
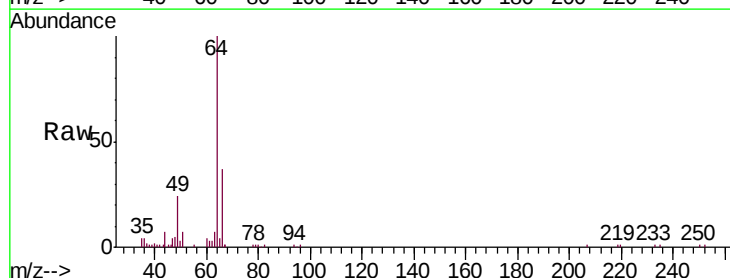
Acq: 12 Nov 2019 15:11

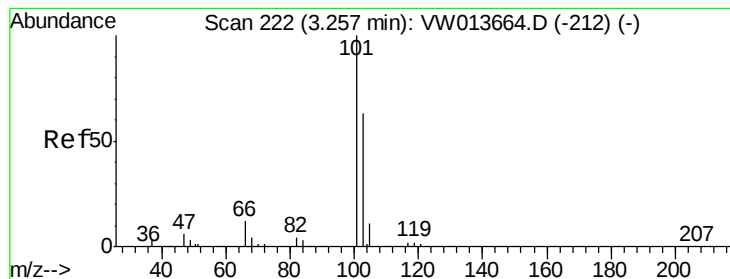
Tgt Ion: 64 Resp: 28988

Ion Ratio Lower Upper

64 100

66 36.8 25.4 38.0



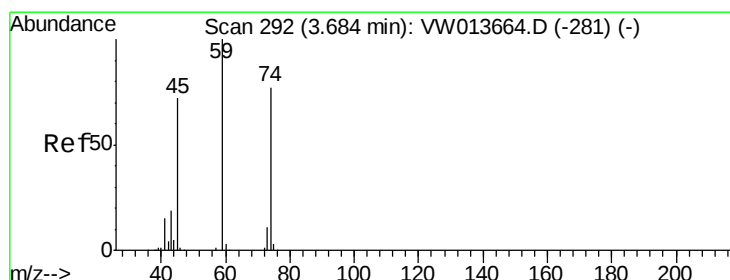
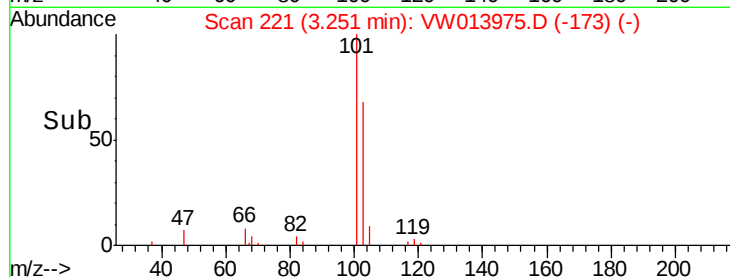
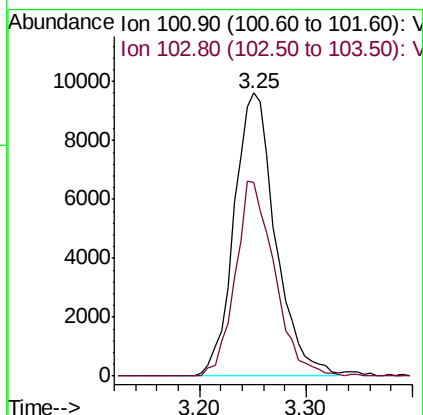
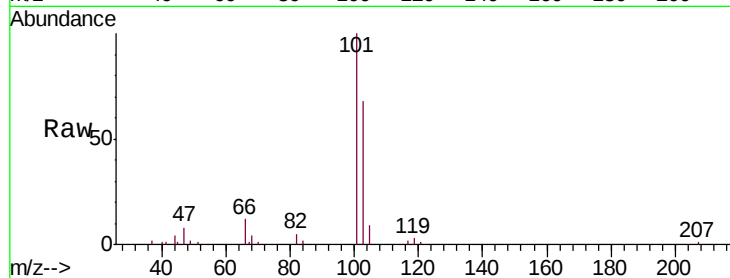


#7

Trichlorofluoromethane
 Concen: 18.886 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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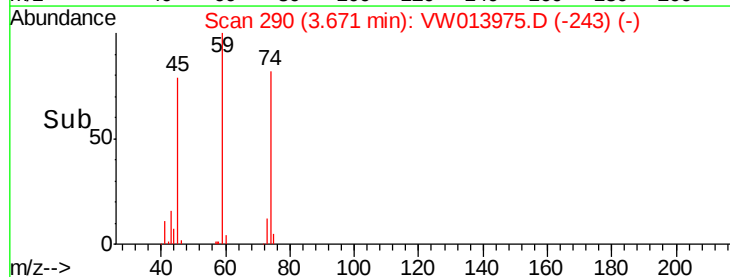
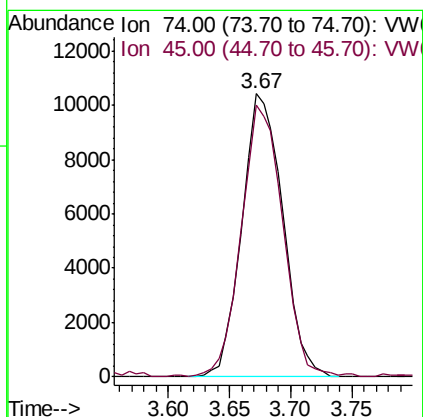
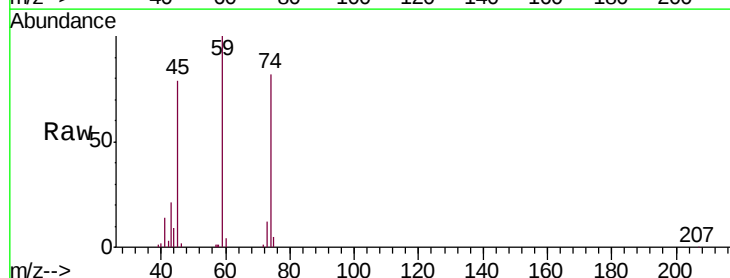
Tgt Ion:101 Resp: 26215
 Ion Ratio Lower Upper
 101 100
 103 68.4 50.6 76.0

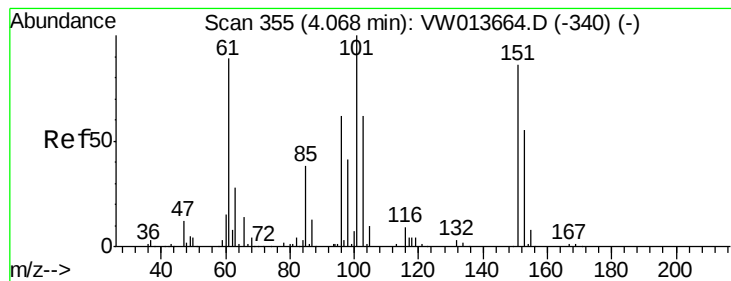


#8

Diethyl Ether
 Concen: 21.534 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion: 74 Resp: 24149
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.260 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013975.D

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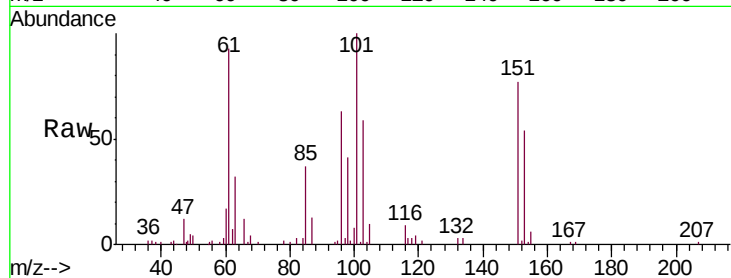
Tgt Ion:101 Resp: 50231

Ion Ratio Lower Upper

101 100

85 39.3 31.0 46.6

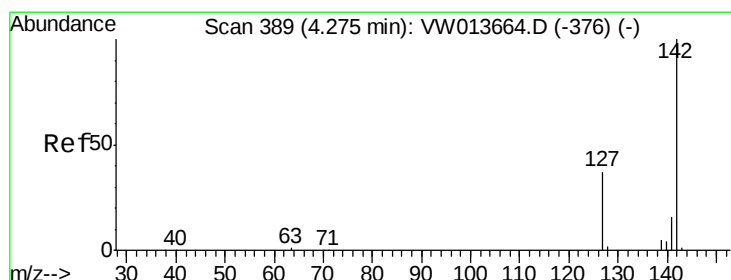
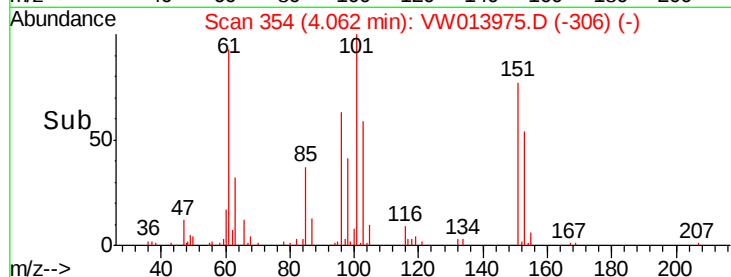
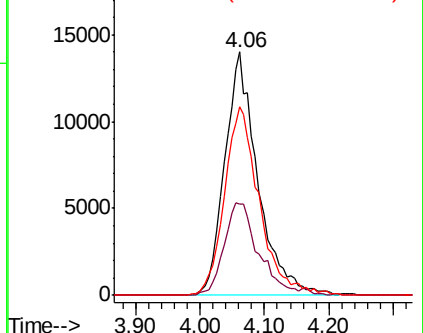
151 81.8 68.2 102.4



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: 21.724 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

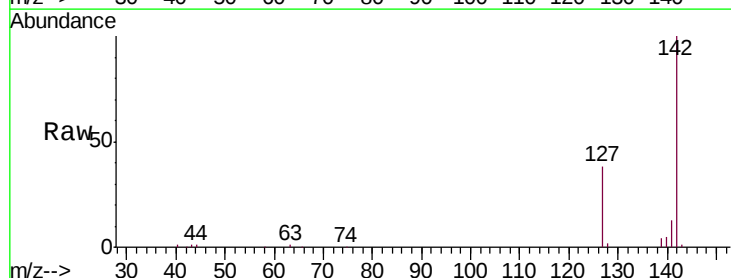
Tgt Ion:142 Resp: 79882

Ion Ratio Lower Upper

142 100

127 37.2 30.3 45.5

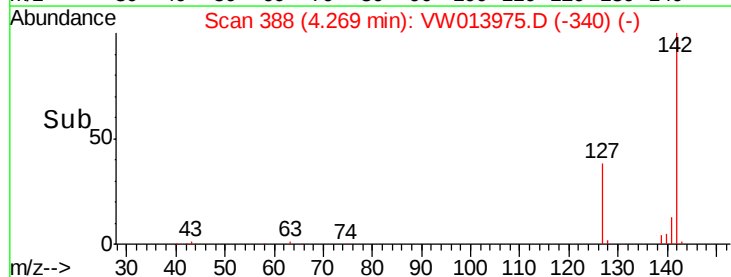
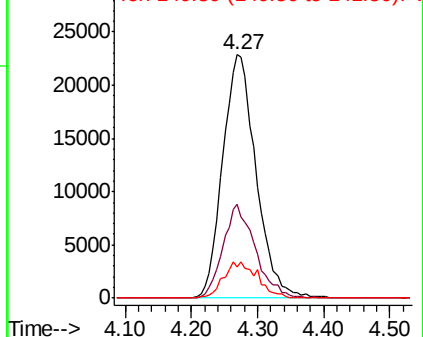
141 15.2 11.8 17.8

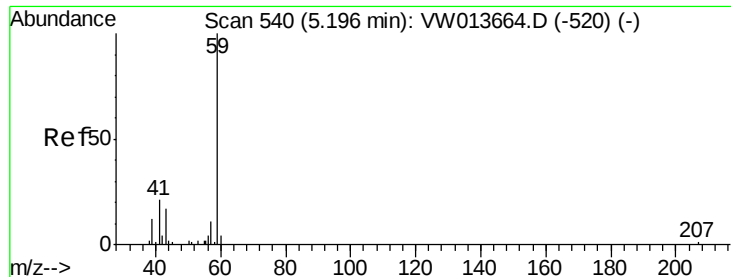


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



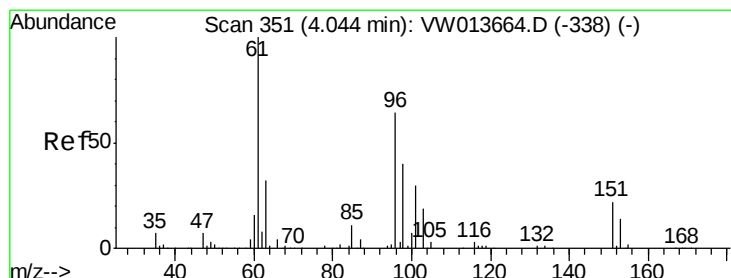
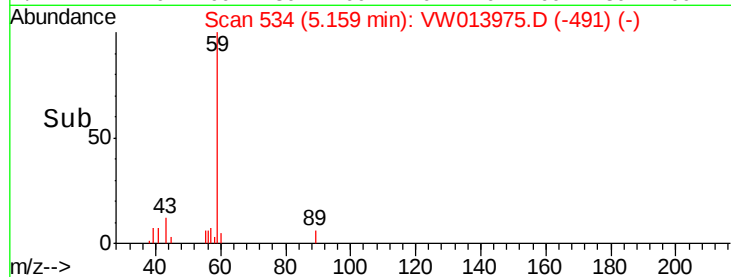
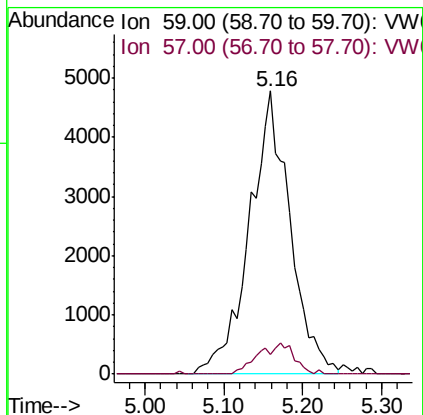
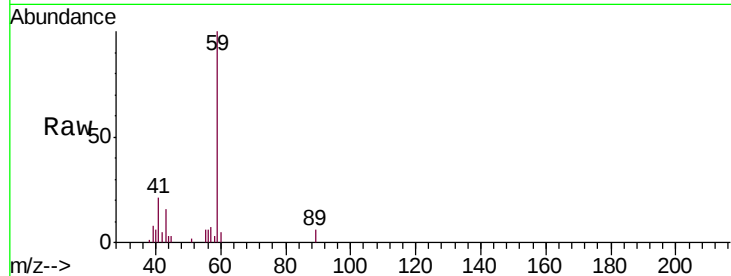


#11

Tert butyl alcohol
Concen: 146.591 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Instrument :
MSVOA_W
ClientSampled :
VW1112SBS01

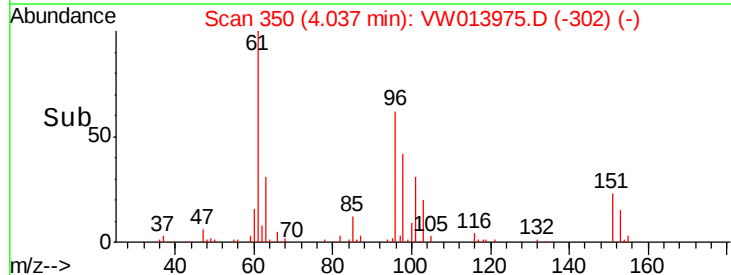
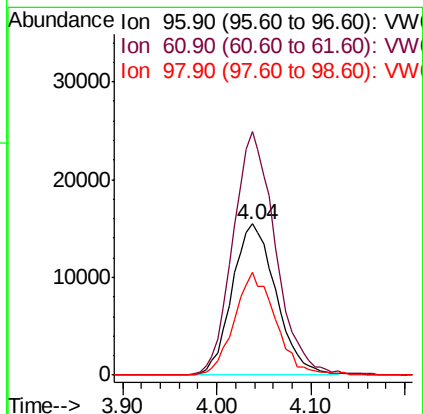
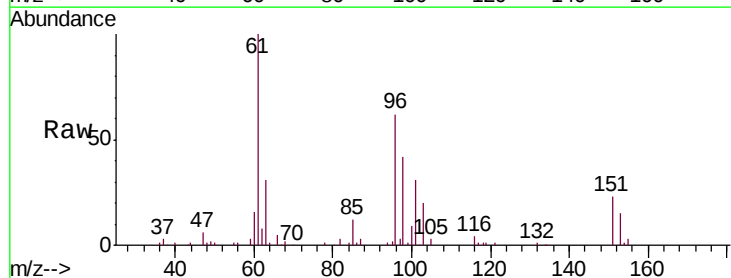
Tgt Ion: 59 Resp: 17062
Ion Ratio Lower Upper
59 100
57 9.7 8.8 13.2

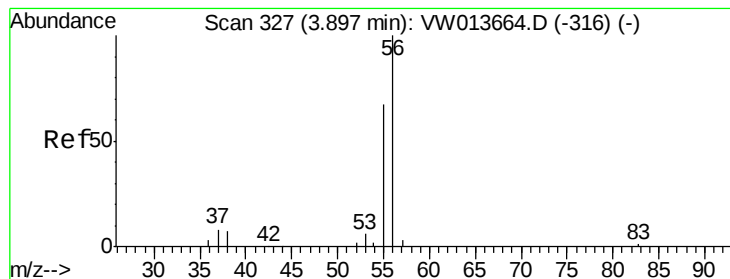


#12

1,1-Dichloroethene
Concen: 21.565 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 96 Resp: 50267
Ion Ratio Lower Upper
96 100
61 160.9 125.0 187.6
98 68.2 50.3 75.5





#13

Acrolein

Concen: 83.204 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

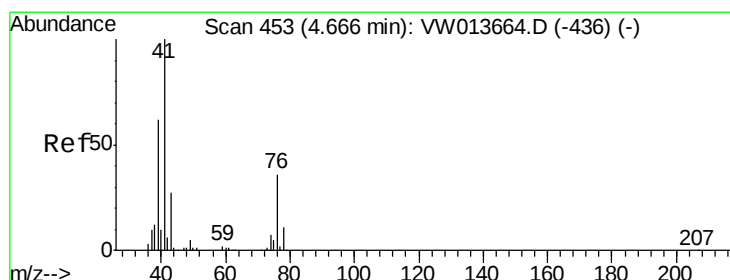
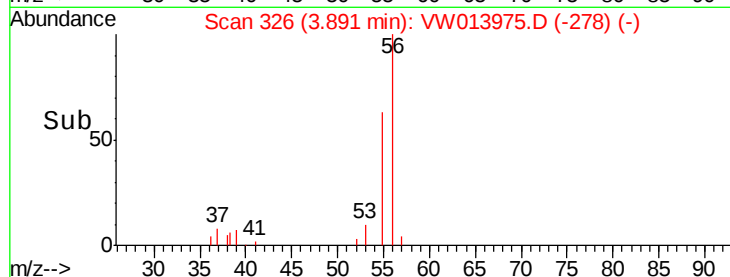
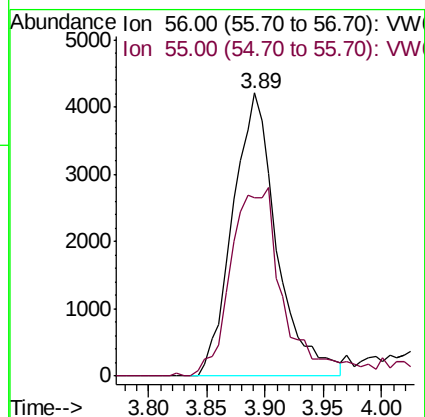
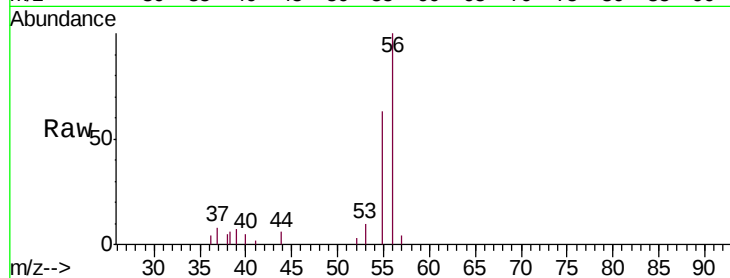
VW1112SBS01

Tgt Ion: 56 Resp: 11095

Ion Ratio Lower Upper

56 100

55 77.8 56.1 84.1



#14

Allyl chloride

Concen: 21.136 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

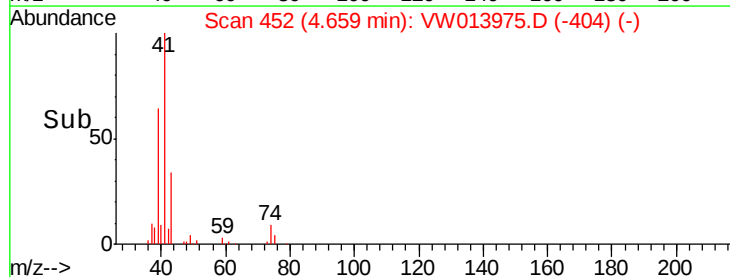
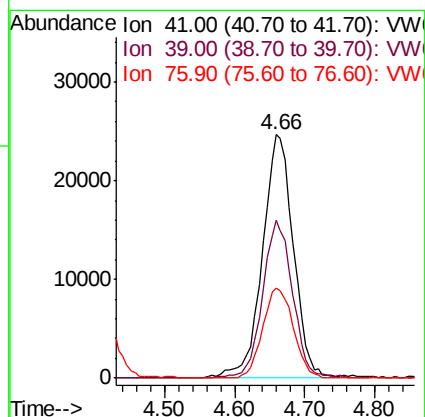
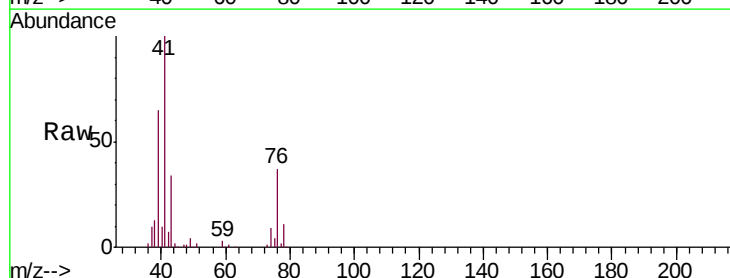
Tgt Ion: 41 Resp: 75757

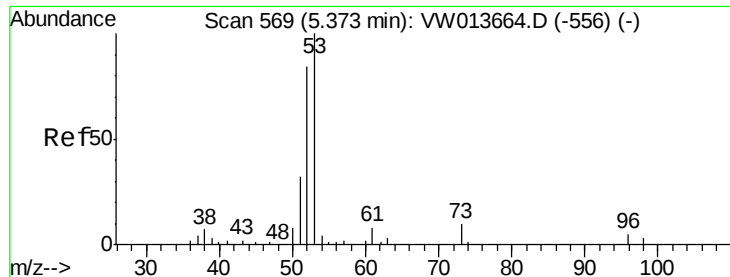
Ion Ratio Lower Upper

41 100

39 62.8 50.0 75.0

76 36.7 29.6 44.4

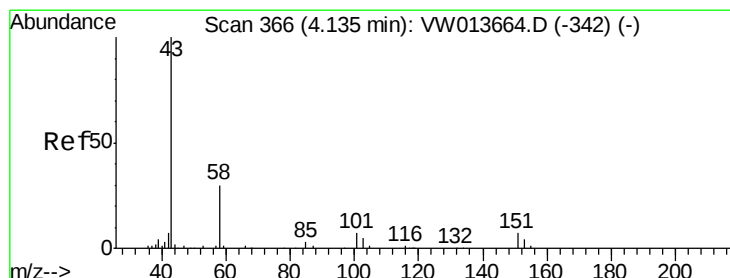
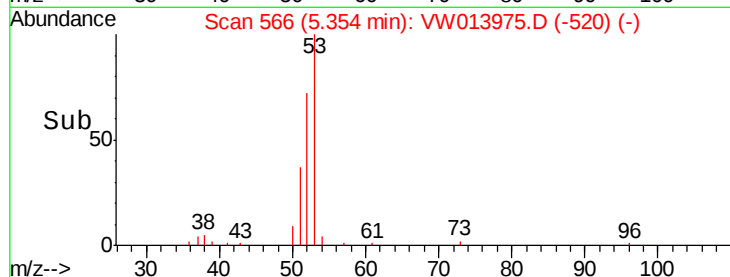
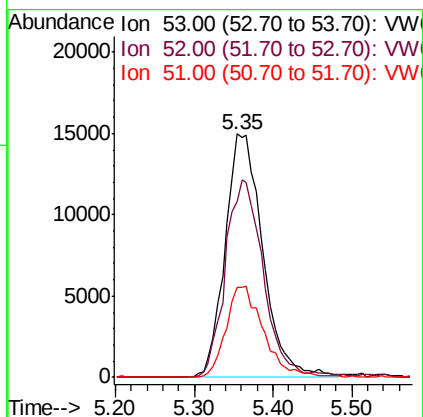
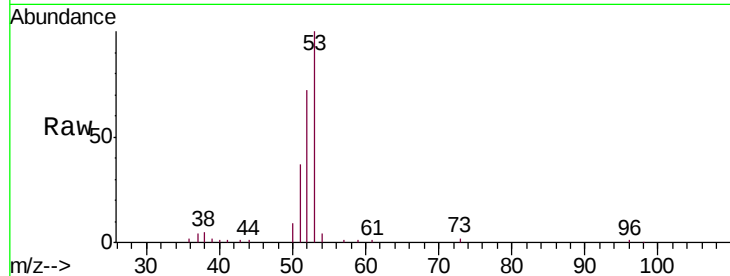




#15
Acrylonitrile
Concen: 109.222 ug/l
RT: 5.35 min Scan# 566
Delta R.T. -0.02 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

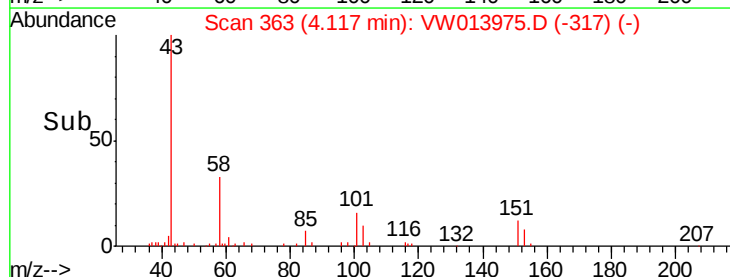
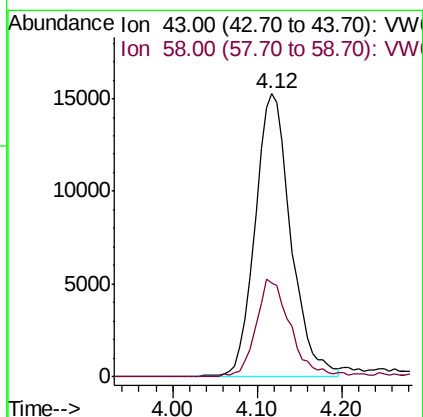
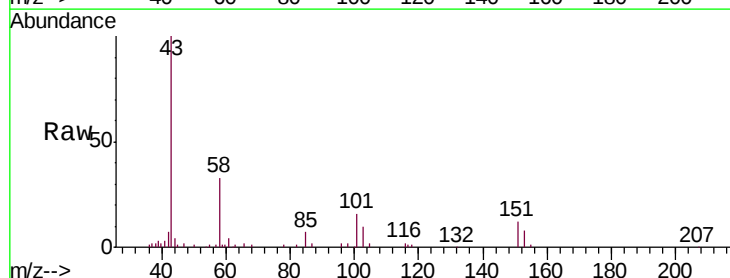
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

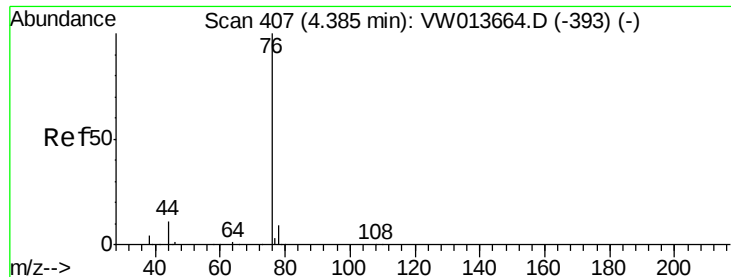
Tgt Ion: 53 Resp: 49806
Ion Ratio Lower Upper
53 100
52 80.6 67.4 101.0
51 36.9 29.1 43.7



#16
Acetone
Concen: 107.669 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 43 Resp: 44510
Ion Ratio Lower Upper
43 100
58 32.7 24.1 36.1





#17

Carbon Disulfide

Concen: 21.707 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

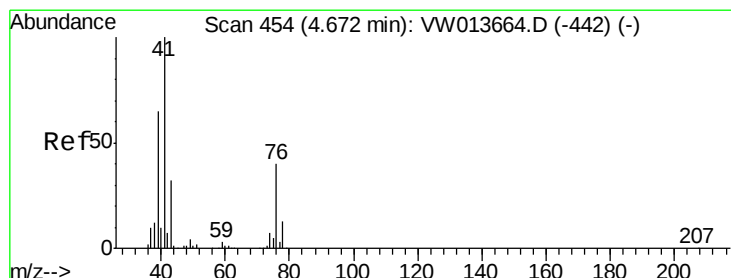
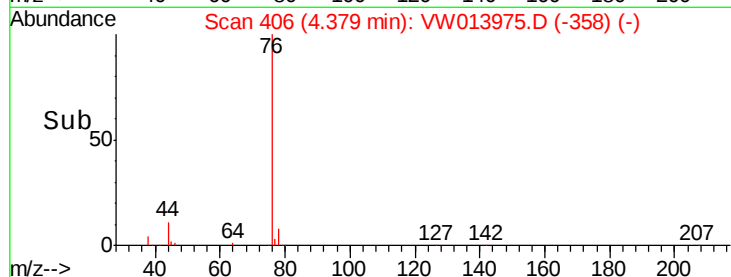
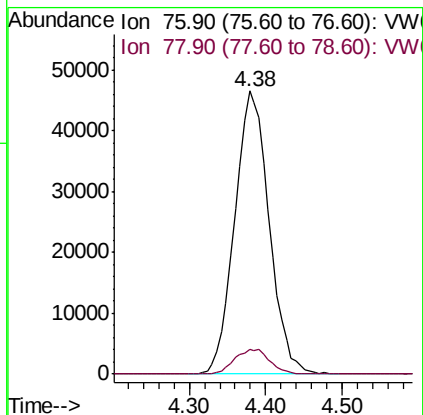
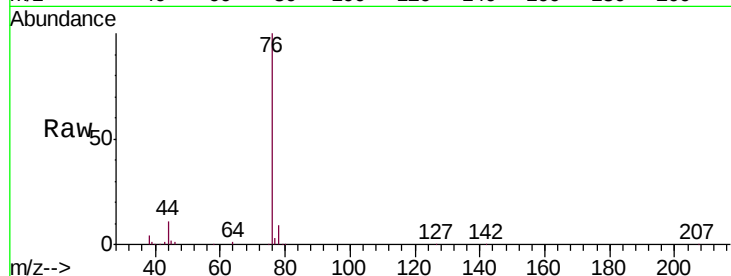
VW1112SBS01

Tgt Ion: 76 Resp: 145312

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 25.367 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013975.D

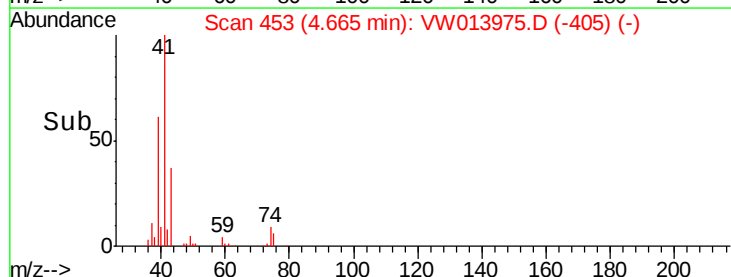
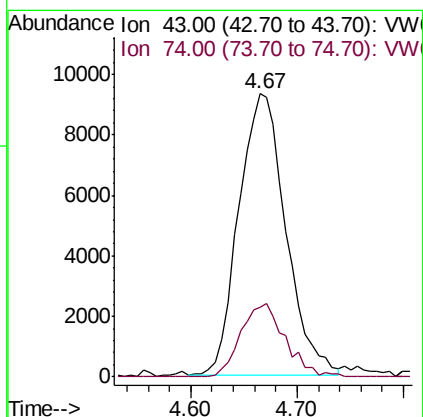
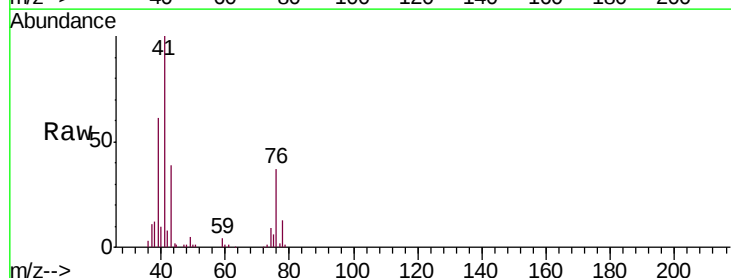
Acq: 12 Nov 2019 15:11

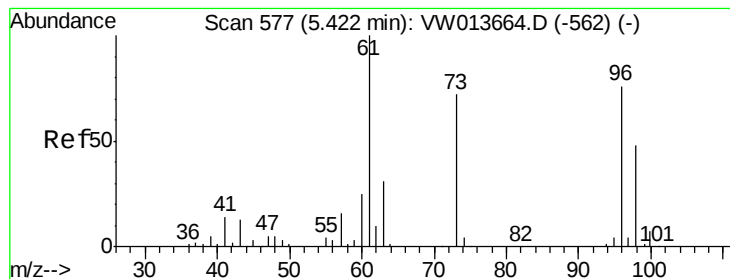
Tgt Ion: 43 Resp: 28746

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 21.226 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

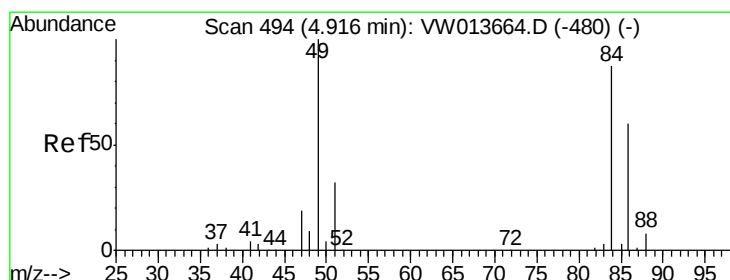
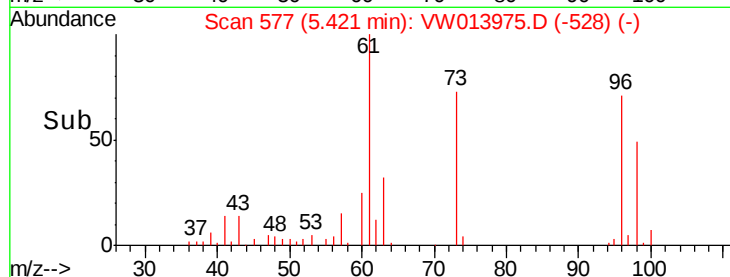
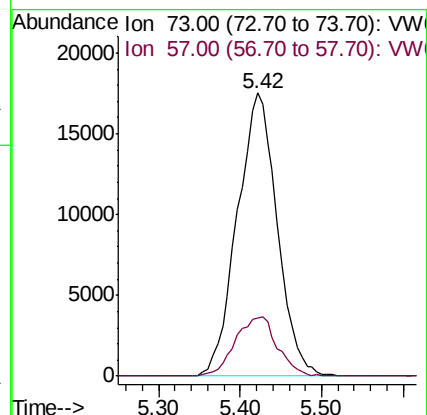
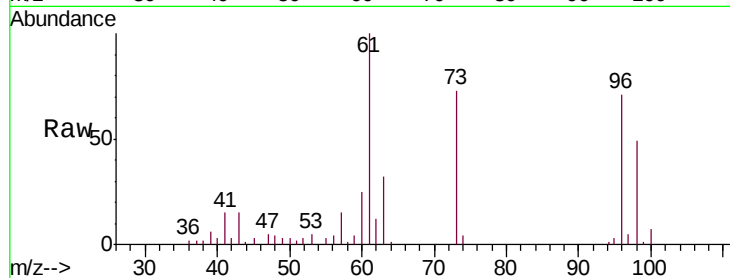
VW1112SBS01

Tgt Ion: 73 Resp: 59373

Ion Ratio Lower Upper

73 100

57 20.6 17.6 26.4



#20

Methylene Chloride

Concen: 22.442 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Tgt Ion: 84 Resp: 56996

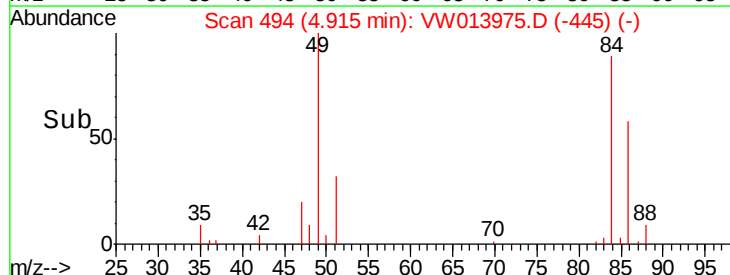
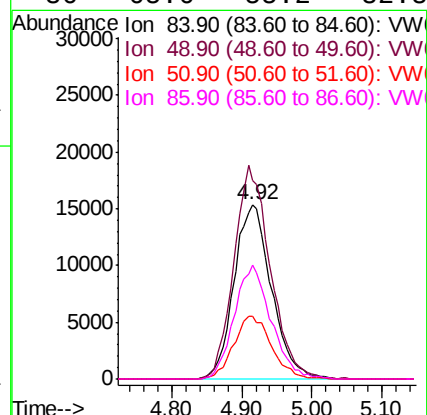
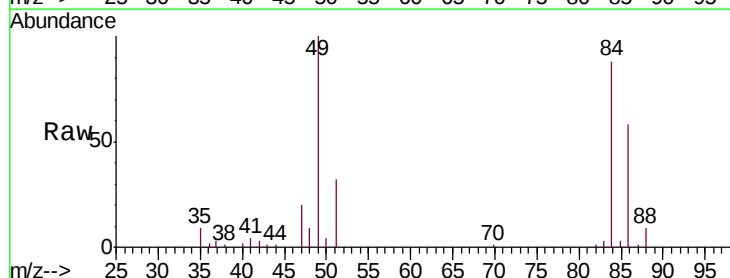
Ion Ratio Lower Upper

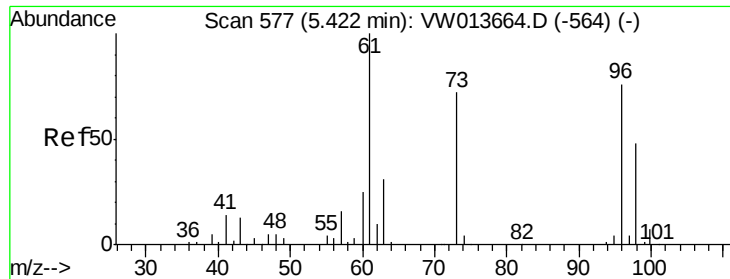
84 100

49 113.5 91.8 137.6

51 35.8 29.8 44.6

86 65.6 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 21.747 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

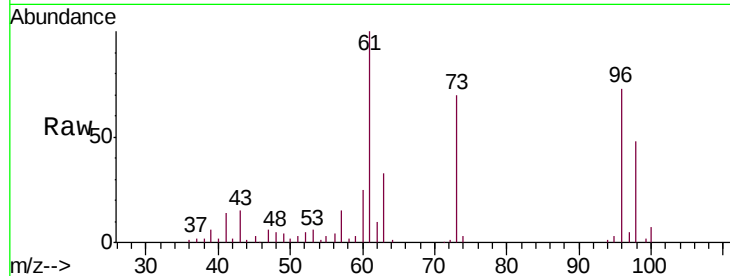
Tgt Ion: 96 Resp: 54559

Ion Ratio Lower Upper

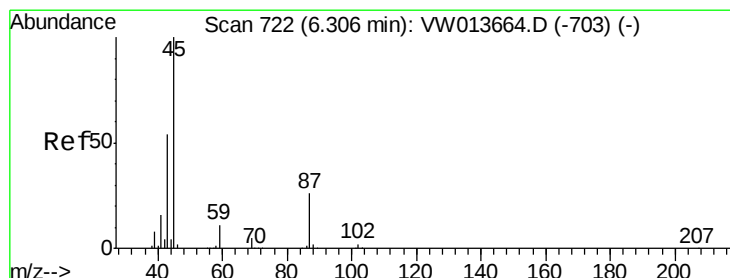
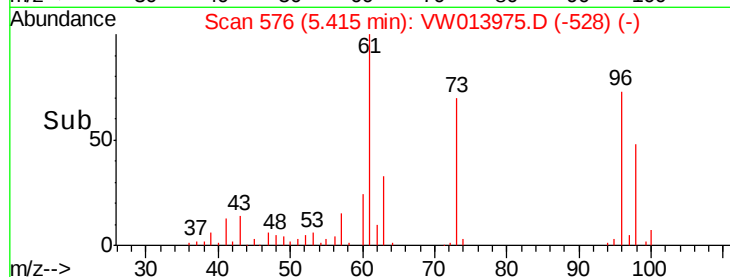
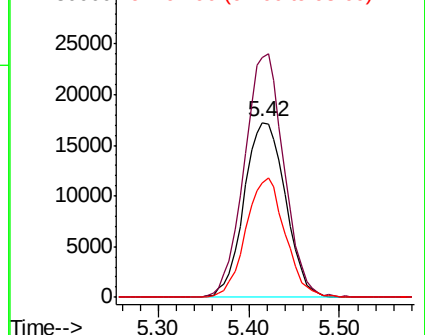
96 100

61 137.0 104.8 157.2

98 65.2 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: 21.616 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Tgt Ion: 45 Resp: 141326

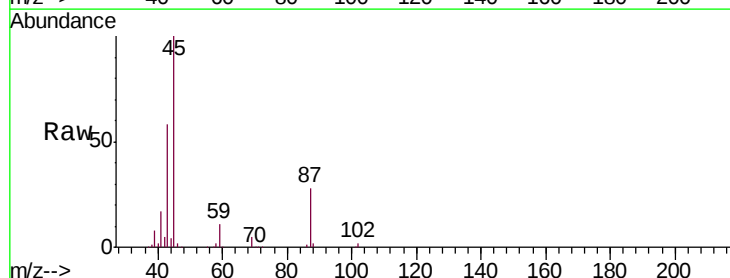
Ion Ratio Lower Upper

45 100

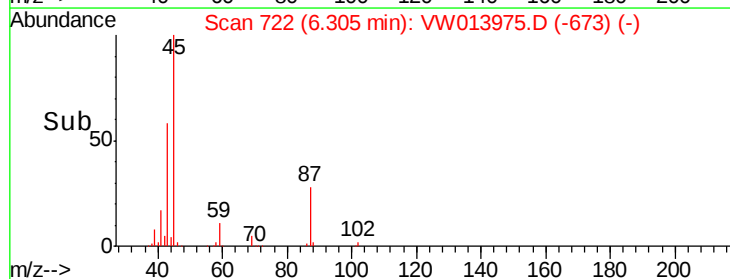
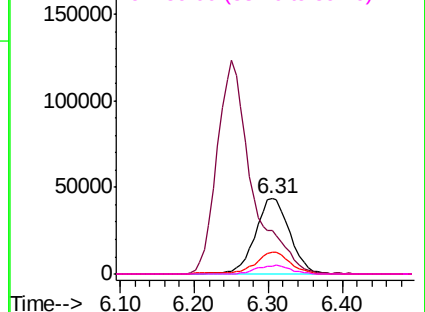
43 57.0 43.4 65.2

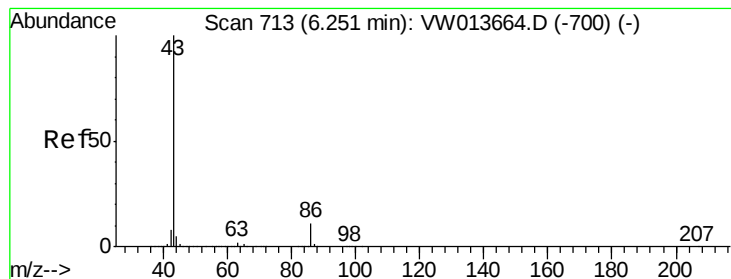
87 28.3 21.5 32.3

59 10.5 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: 105.830 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

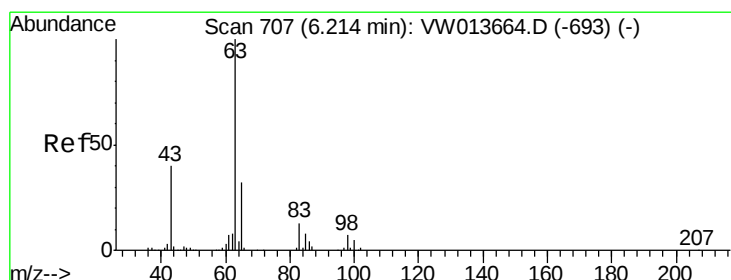
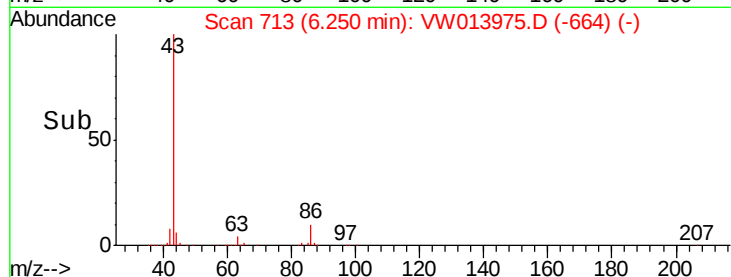
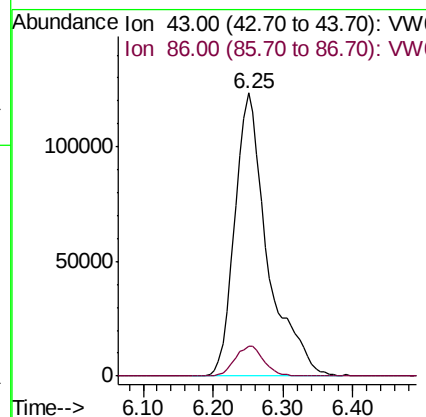
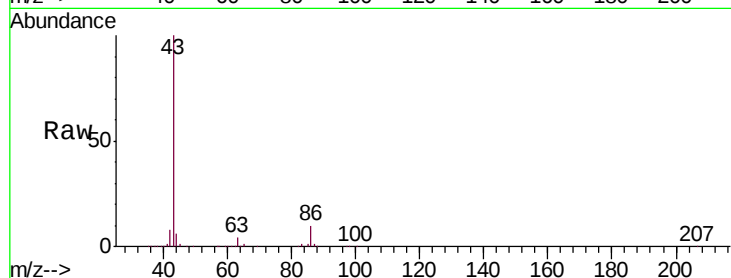
VW1112SBS01

Tgt Ion: 43 Resp: 401473

Ion Ratio Lower Upper

43 100

86 10.5 9.0 13.6



#24

1,1-Dichloroethane

Concen: 21.242 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

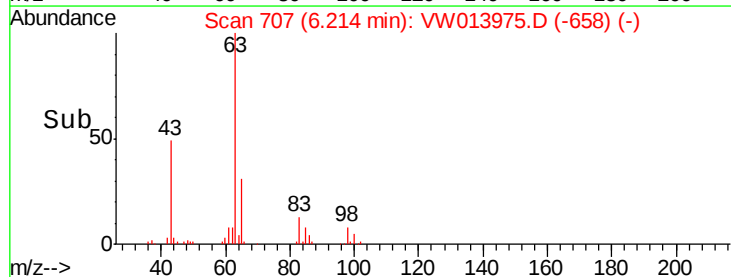
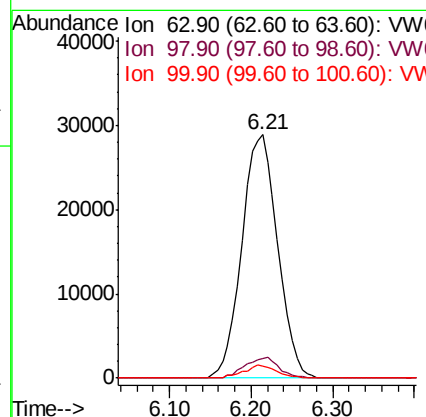
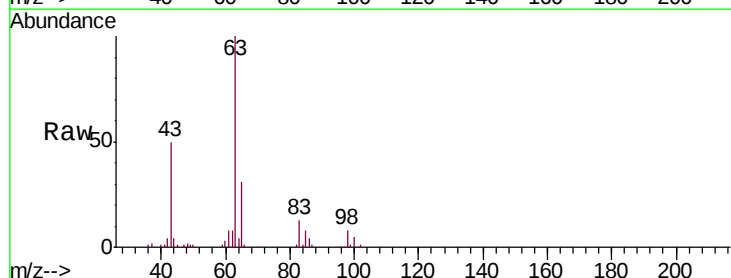
Tgt Ion: 63 Resp: 87956

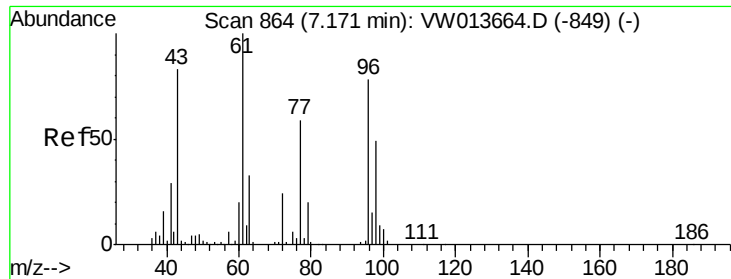
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 114.905 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

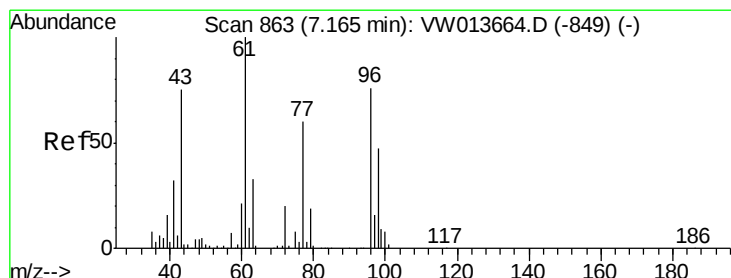
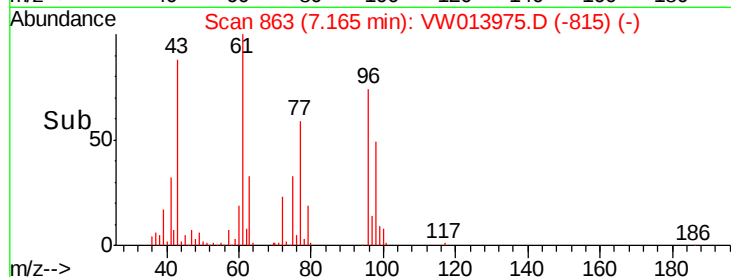
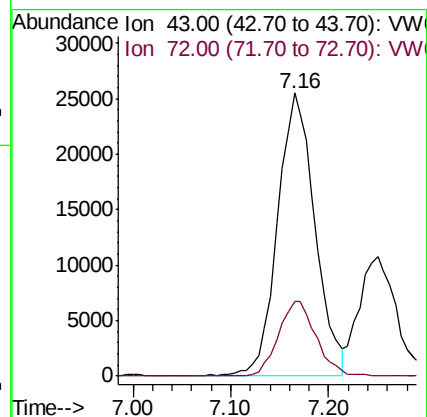
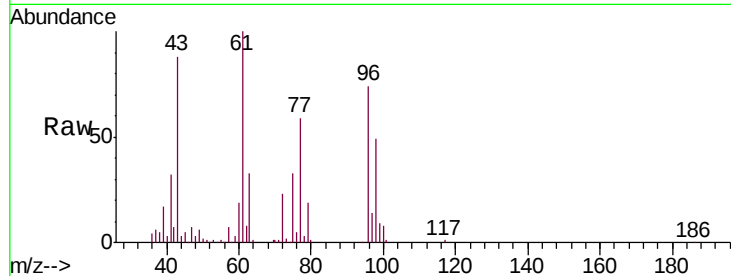
VW1112SBS01

Tgt Ion: 43 Resp: 68292

Ion Ratio Lower Upper

43 100

72 26.4 23.6 35.4



#26

2,2-Dichloropropane

Concen: 22.195 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013975.D

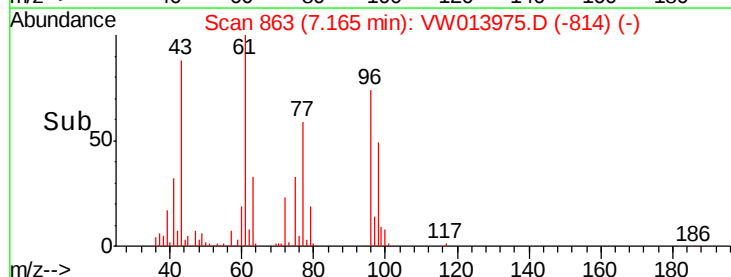
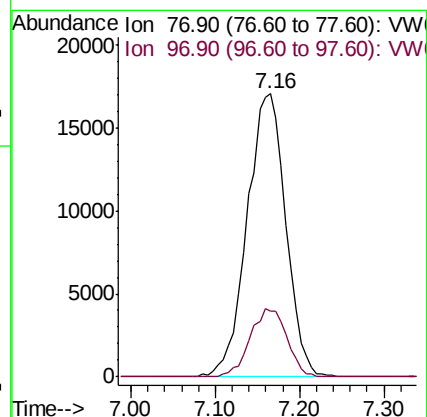
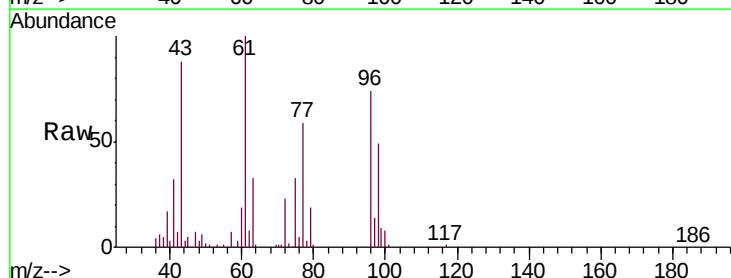
Acq: 12 Nov 2019 15:11

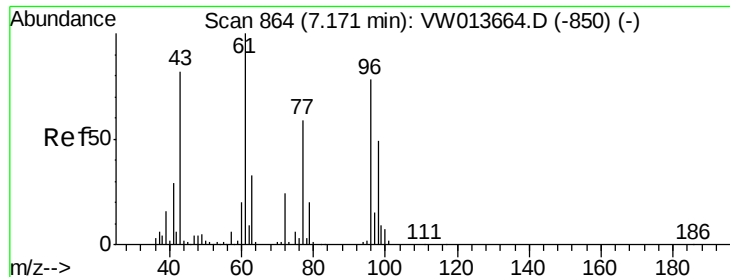
Tgt Ion: 77 Resp: 53141

Ion Ratio Lower Upper

77 100

97 22.9 12.8 38.4



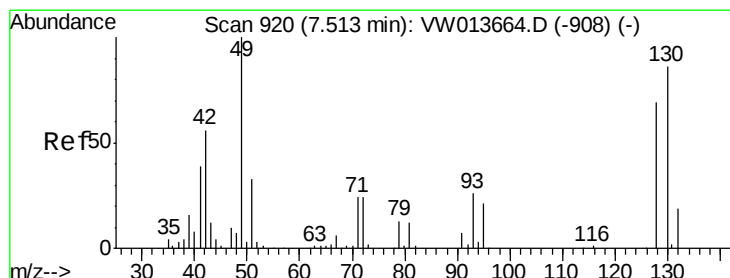
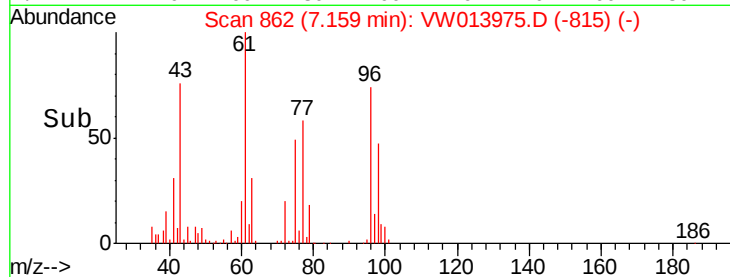
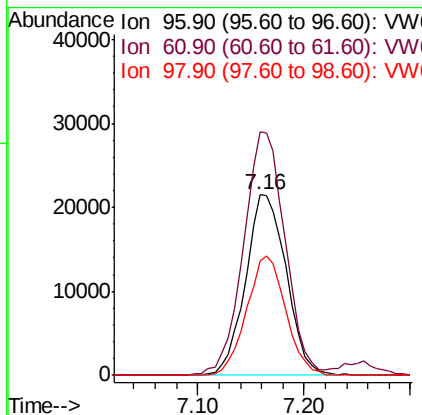
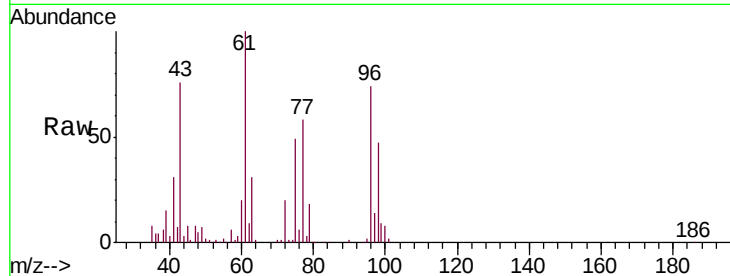


#27

cis-1,2-Dichloroethene
Concen: 21.656 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

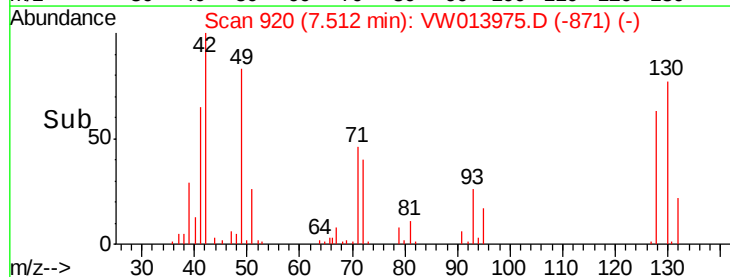
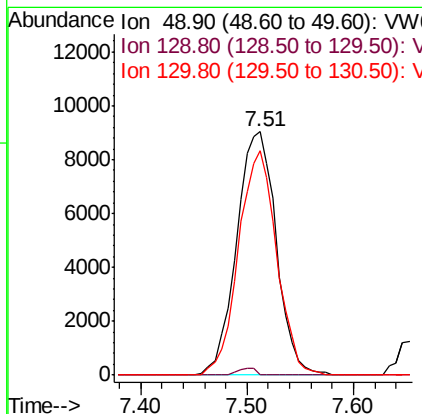
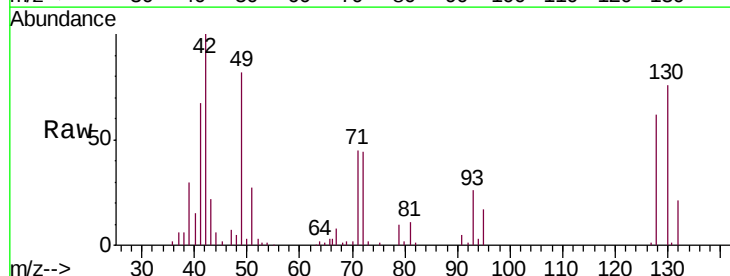
Tgt Ion: 96 Resp: 57706
Ion Ratio Lower Upper
96 100
61 137.5 0.0 266.0
98 63.4 0.0 126.8

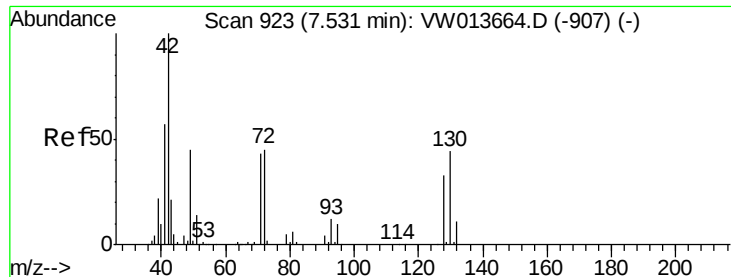


#28

Bromochloromethane
Concen: 16.883 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 49 Resp: 23560
Ion Ratio Lower Upper
49 100
129 1.3 0.0 0.6#
130 88.8 67.5 101.3

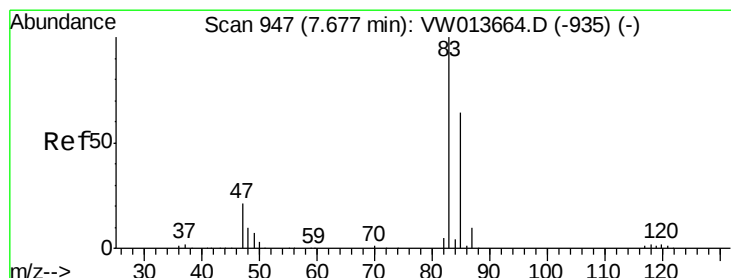
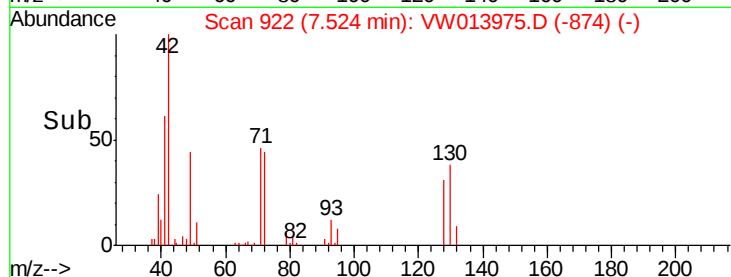
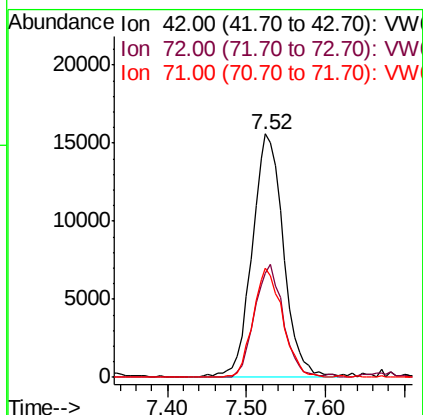
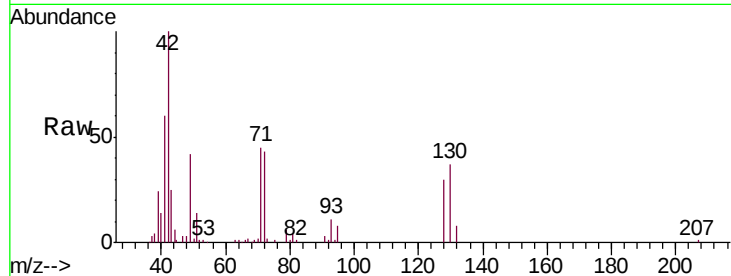




#29
Tetrahydrofuran
Concen: 117.278 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

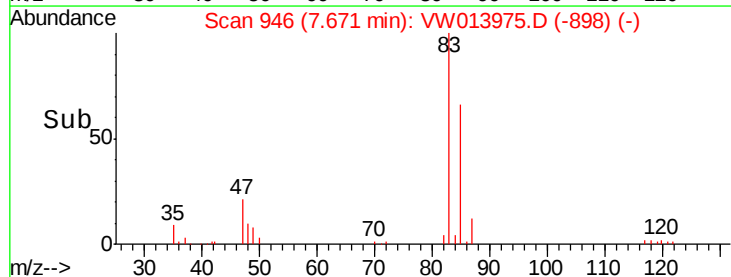
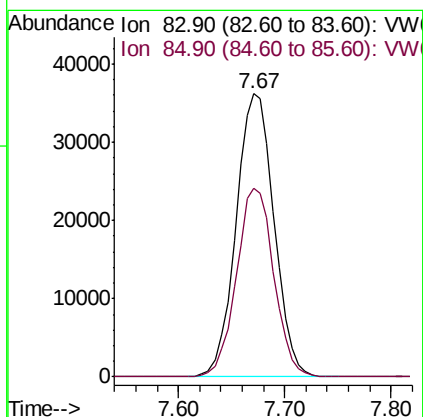
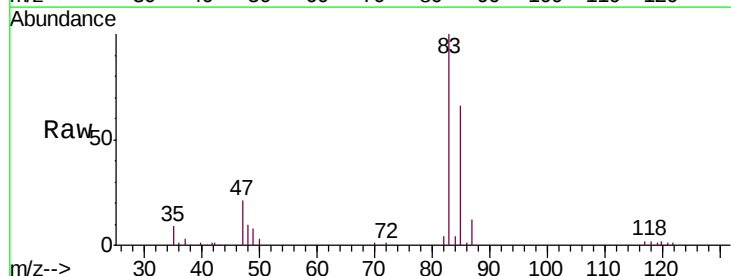
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

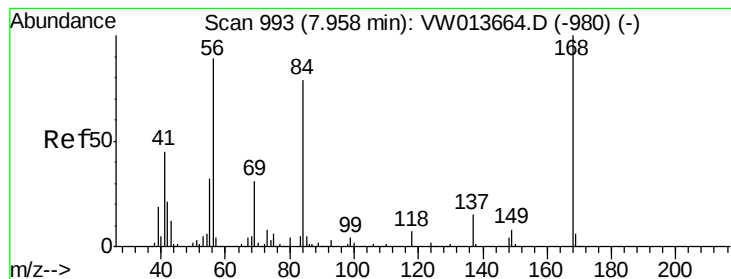
Tgt Ion: 42 Resp: 43153
Ion Ratio Lower Upper
42 100
72 42.1 35.3 52.9
71 42.1 33.3 49.9



#30
Chloroform
Concen: 22.089 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 83 Resp: 90416
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.2





#31

Cyclohexane

Concen: 20.365 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

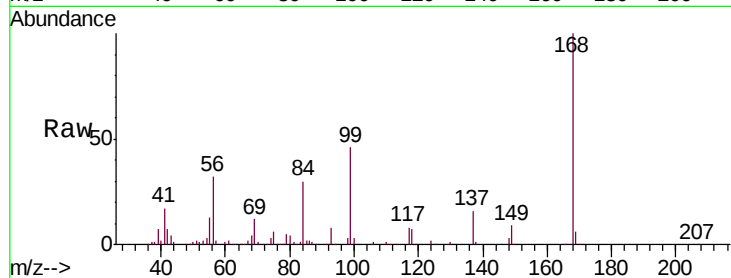
Tgt Ion: 56 Resp: 88244

Ion Ratio Lower Upper

56 100

69 37.5 27.5 41.3

84 90.8 70.8 106.2

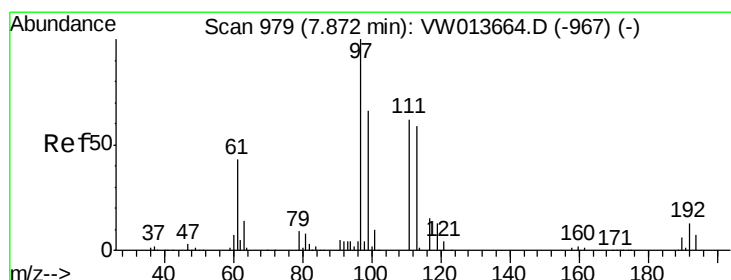
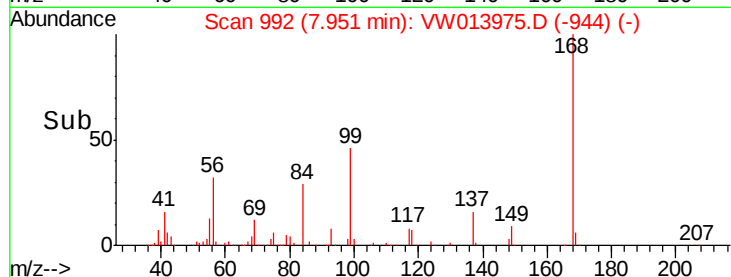
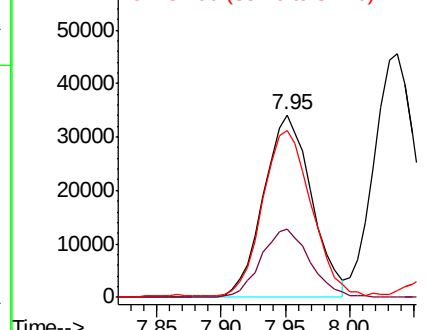


Abundance

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: 21.910 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

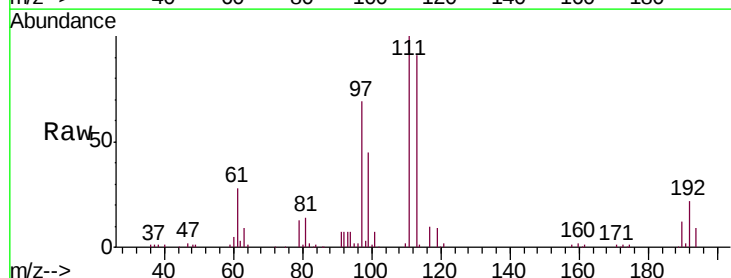
Tgt Ion: 97 Resp: 70377

Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 42.0 33.8 50.6

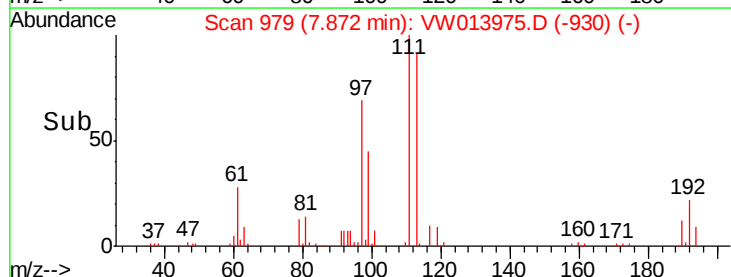
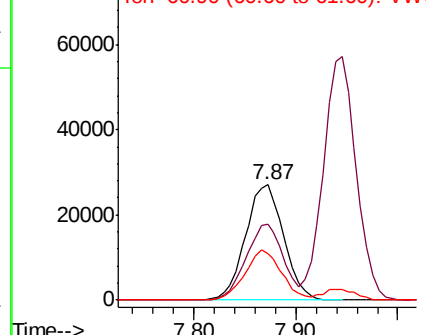


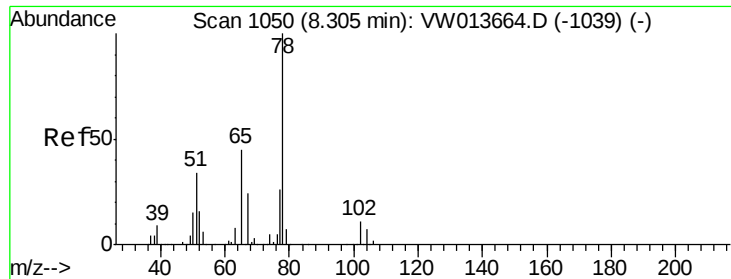
Abundance

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

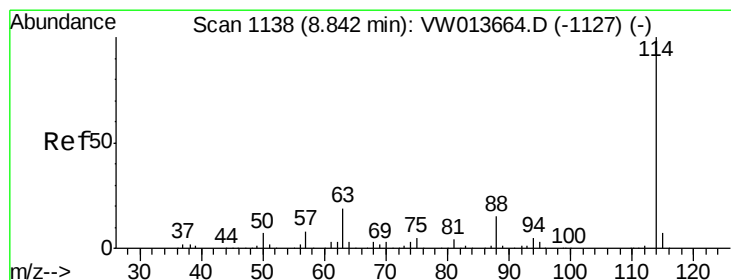
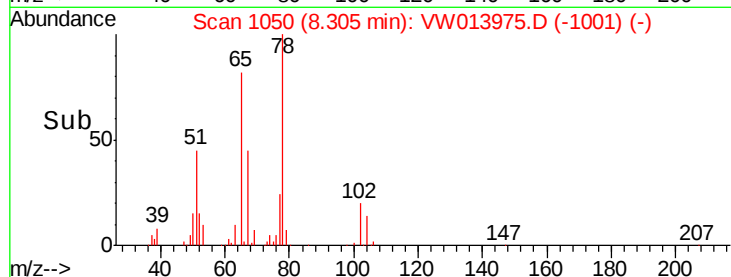
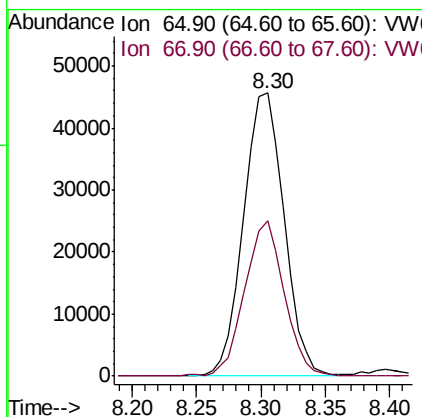
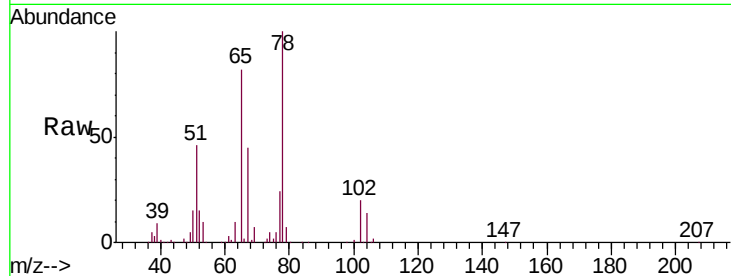




#33
 1,2-Dichloroethane-d4
 Concen: 51.194 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

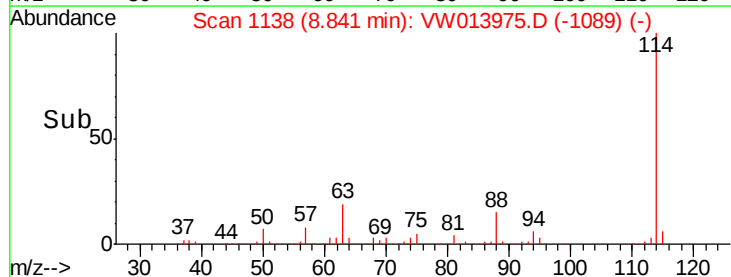
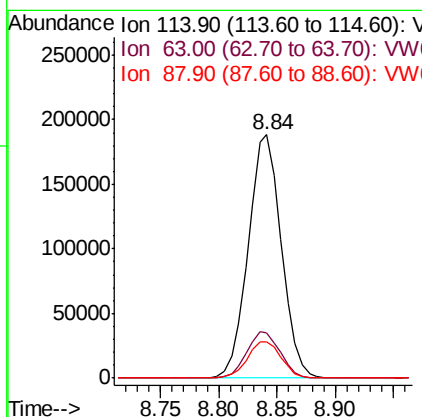
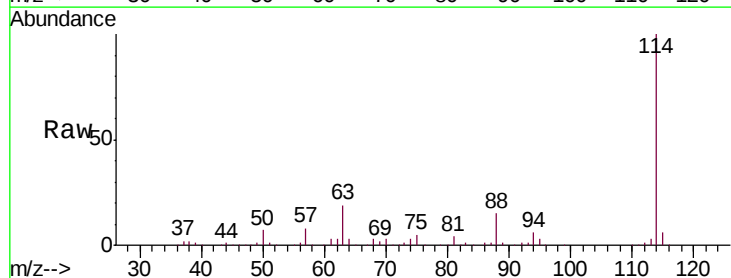
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

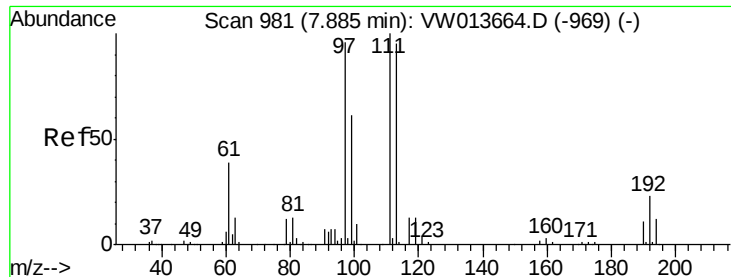
Tgt Ion: 65 Resp: 99813
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion: 114 Resp: 374030
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 14.7 0.0 30.2

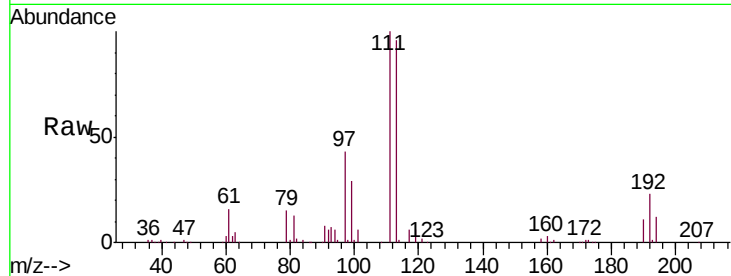




#35
 Dibromofluoromethane
 Concen: 48.371 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.6
192	24.9	19.4	29.2

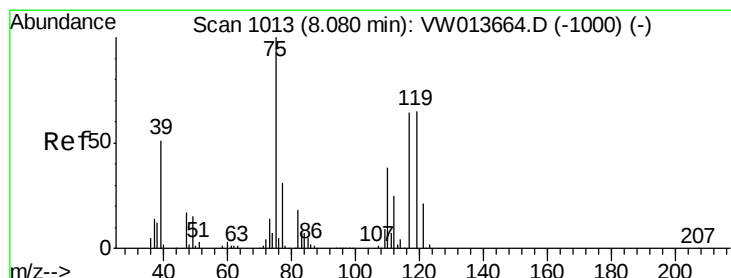
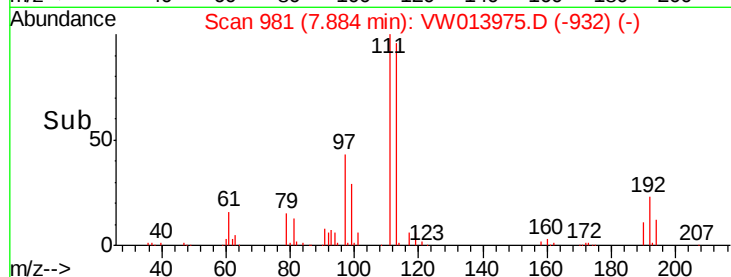
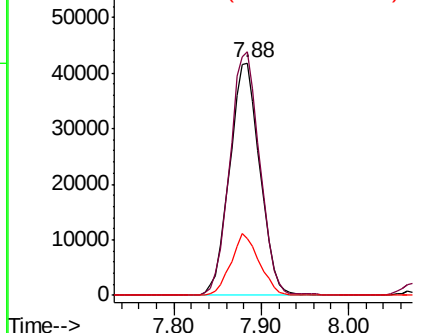


Abundance

Ion 112.80 (112.50 to 113.50): V

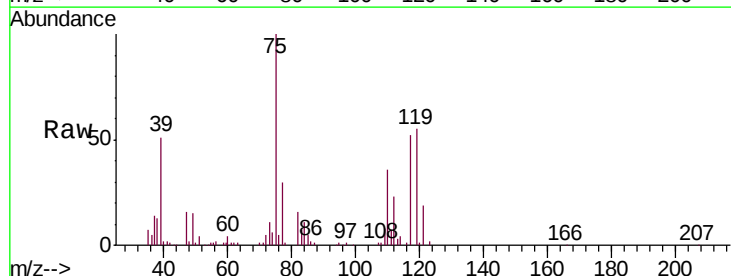
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.254 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.7	56.1
77	31.0	25.4	38.0

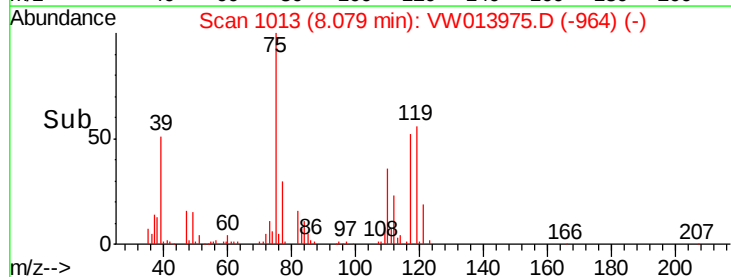
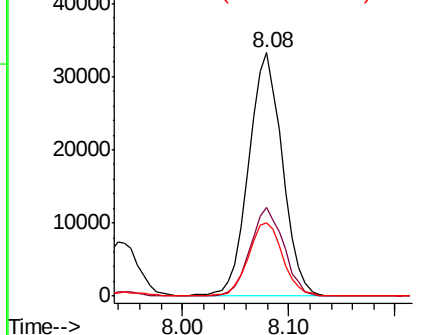


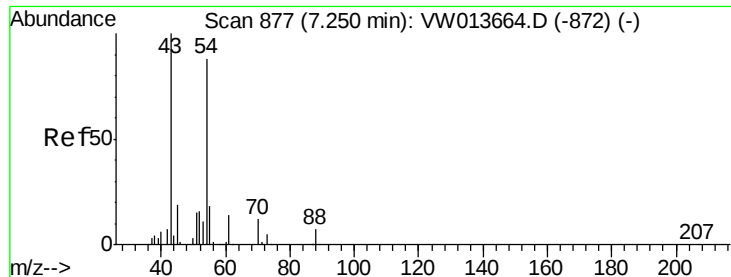
Abundance

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

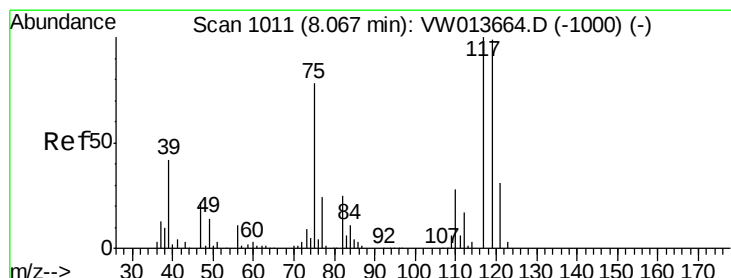
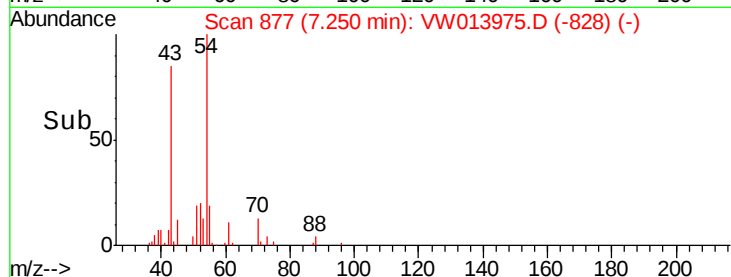
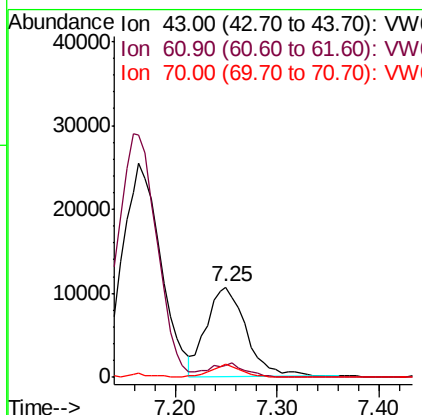
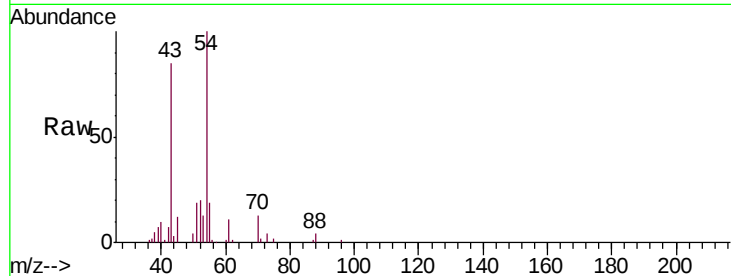




#37
Ethyl Acetate
Concen: 21.733 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

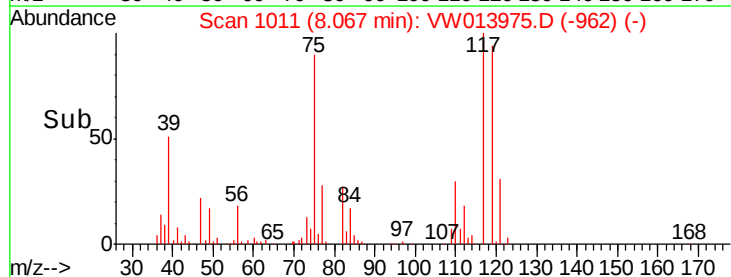
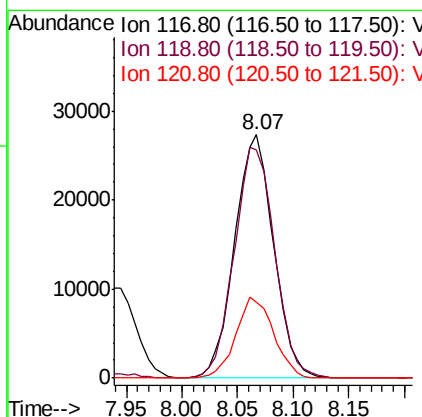
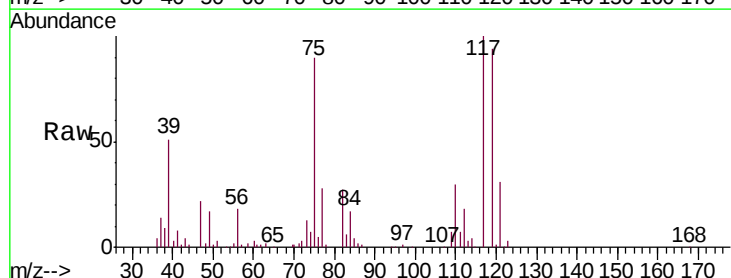
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

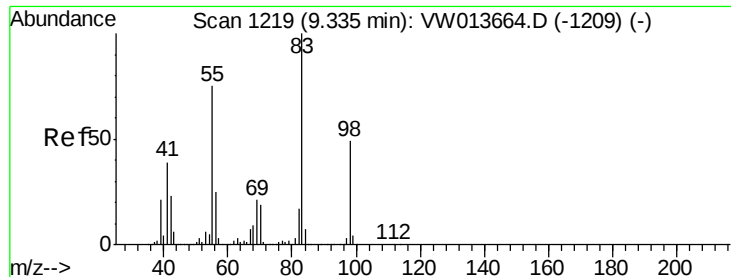
Tgt Ion: 43 Resp: 28979
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.233 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 117 Resp: 66603
Ion Ratio Lower Upper
117 100
119 93.6 79.0 118.4
121 31.1 24.5 36.7

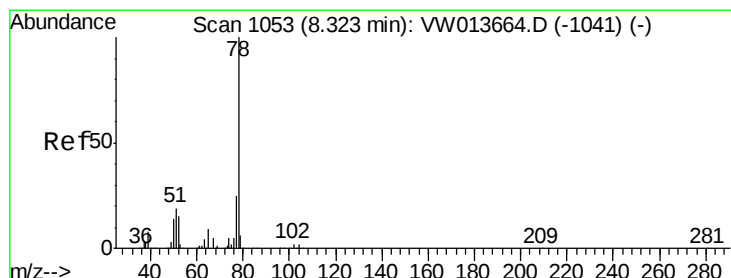
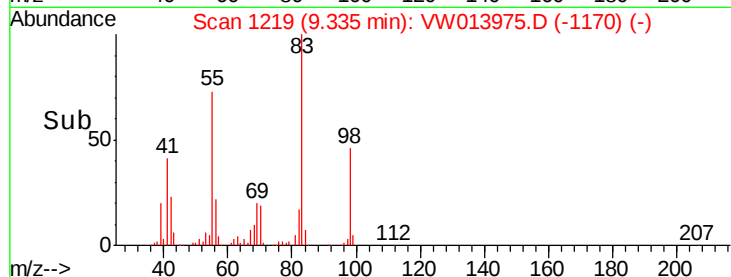
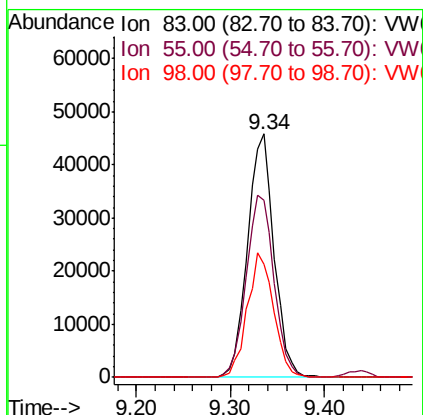
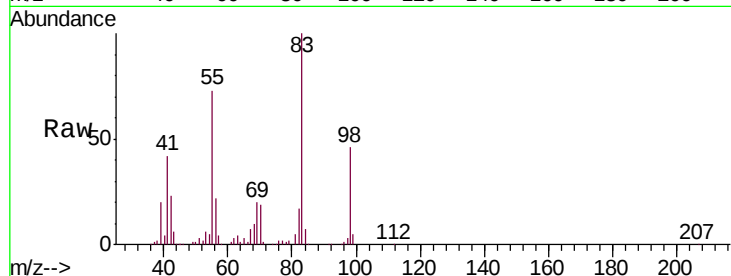




#39
Methylcyclohexane
Concen: 20.137 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

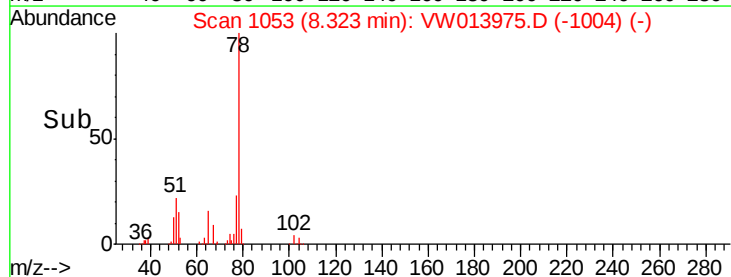
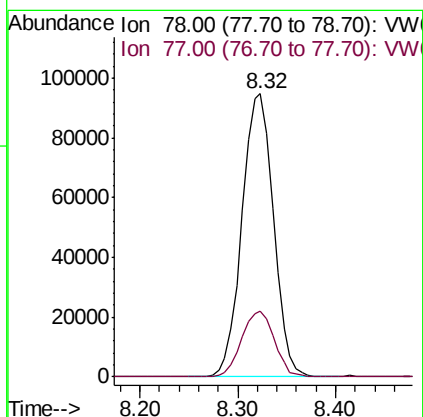
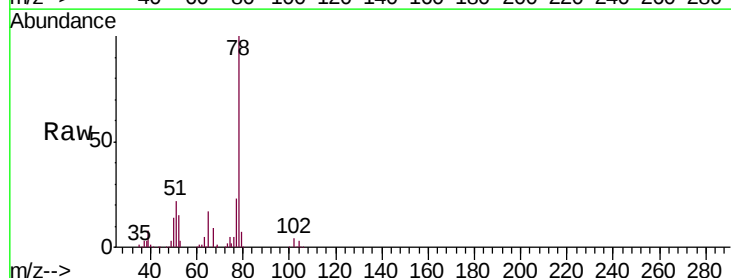
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

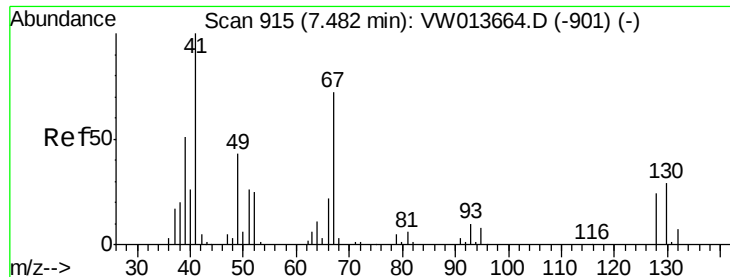
Tgt Ion: 83 Resp: 90583
Ion Ratio Lower Upper
83 100
55 72.8 59.9 89.9
98 46.5 39.4 59.2



#40
Benzene
Concen: 21.552 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 78 Resp: 212456
Ion Ratio Lower Upper
78 100
77 23.4 19.6 29.4





#41

Methacrylonitrile

Concen: 18.902 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

Tgt Ion: 41 Resp: 15717

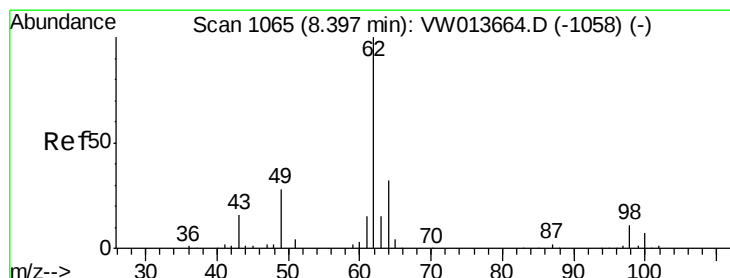
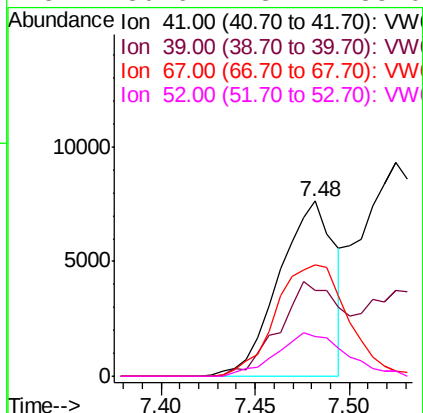
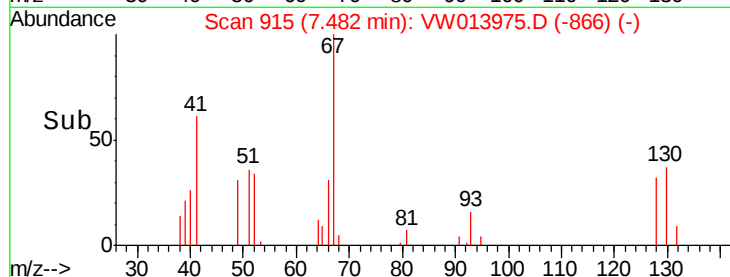
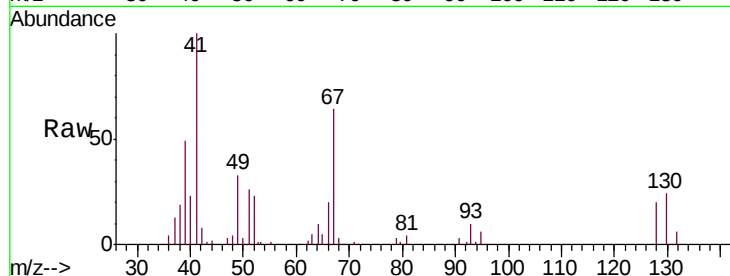
Ion Ratio Lower Upper

41 100

39 59.6 44.8 67.2

67 82.3 59.3 88.9

52 30.6 23.4 35.0



#42

1,2-Dichloroethane

Concen: 21.457 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013975.D

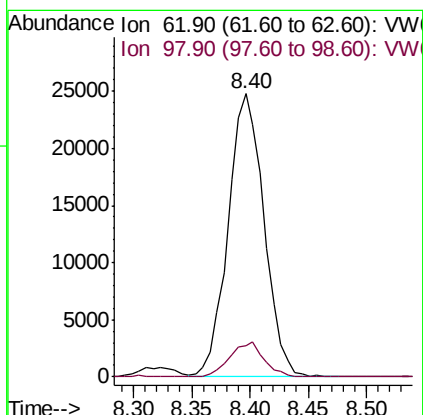
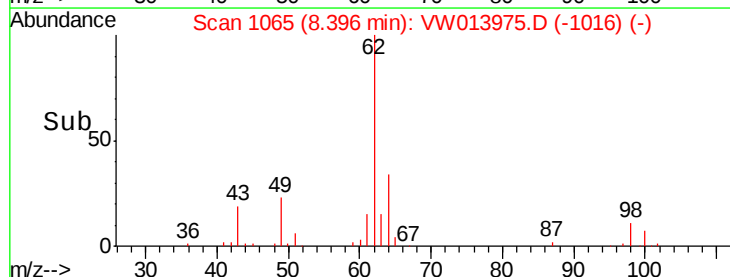
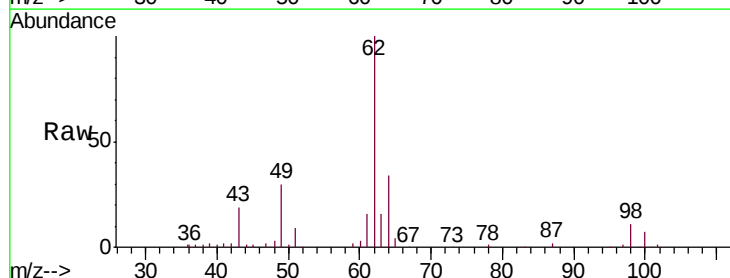
Acq: 12 Nov 2019 15:11

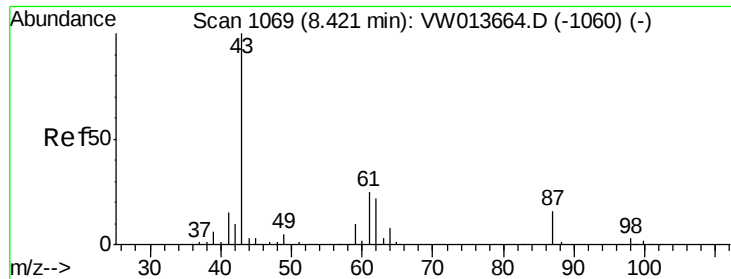
Tgt Ion: 62 Resp: 53303

Ion Ratio Lower Upper

62 100

98 11.7 0.0 22.4





#43

Isopropyl Acetate

Concen: 21.865 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

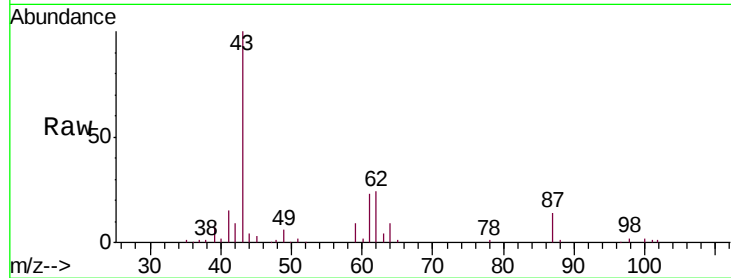
Tgt Ion: 43 Resp: 55808

Ion Ratio Lower Upper

43 100

61 31.6 26.1 39.1

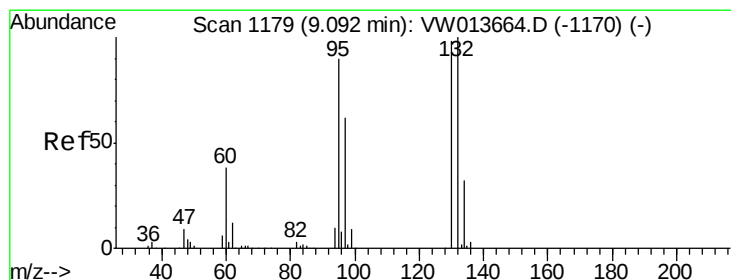
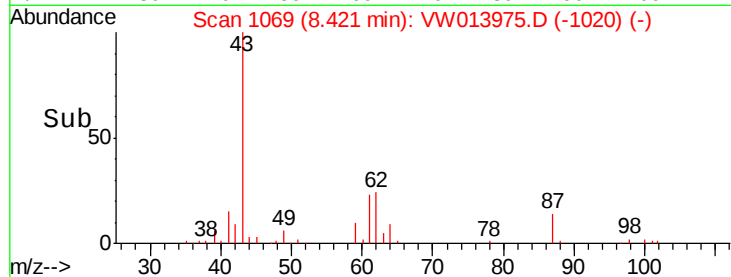
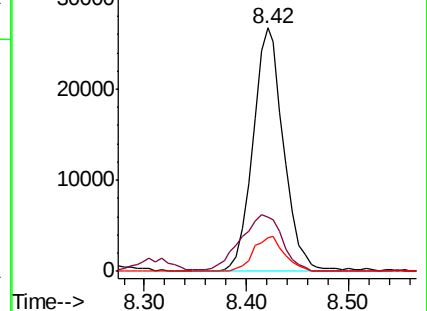
87 14.4 11.4 17.0



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: 21.239 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013975.D

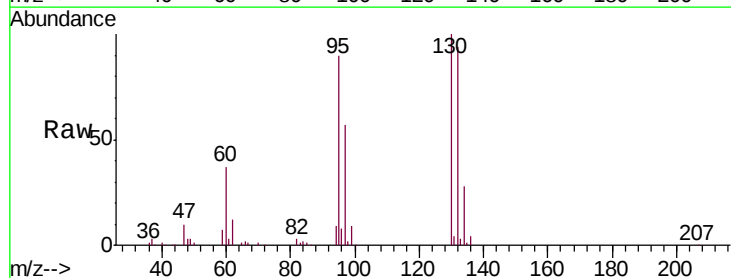
Acq: 12 Nov 2019 15:11

Tgt Ion: 130 Resp: 59974

Ion Ratio Lower Upper

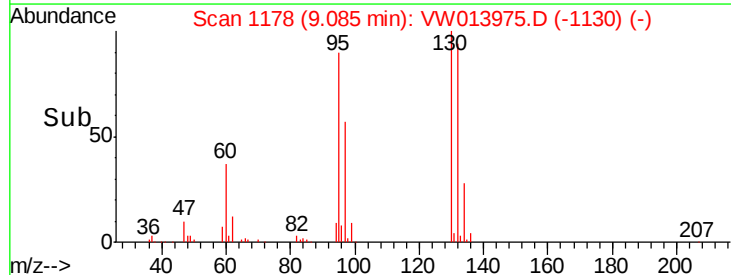
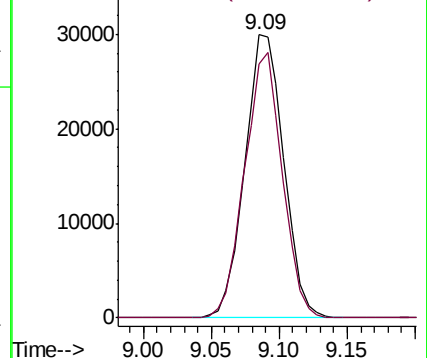
130 100

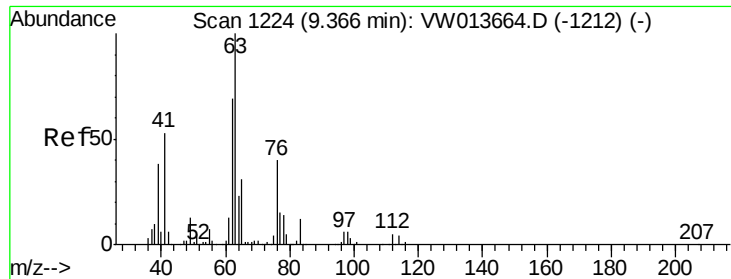
95 89.8 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.264 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

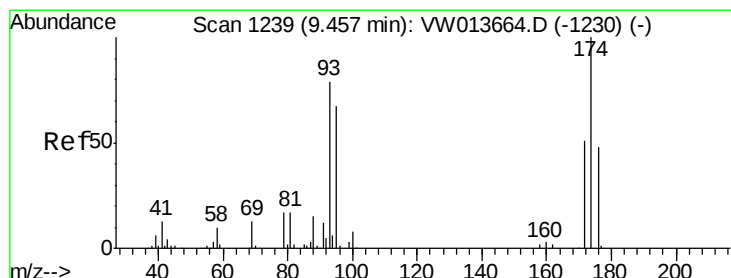
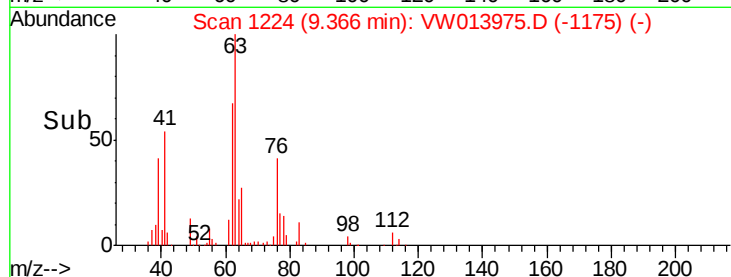
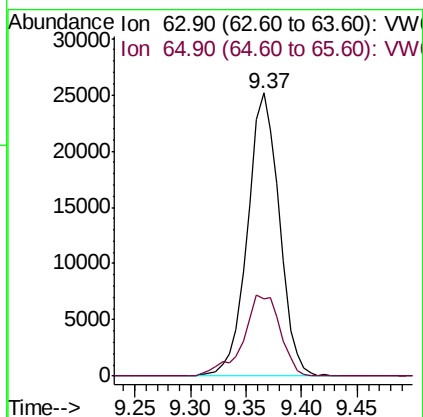
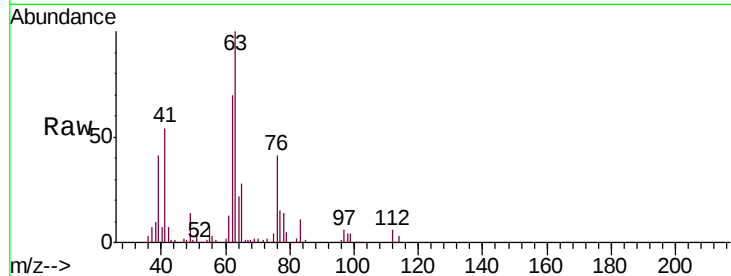
VW1112SBS01

Tgt Ion: 63 Resp: 50068

Ion Ratio Lower Upper

63 100

65 27.5 25.2 37.8



#46

Dibromomethane

Concen: 21.612 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

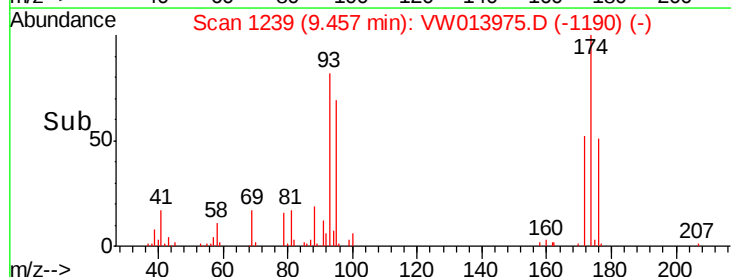
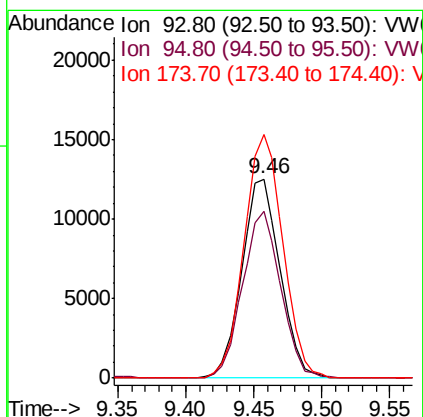
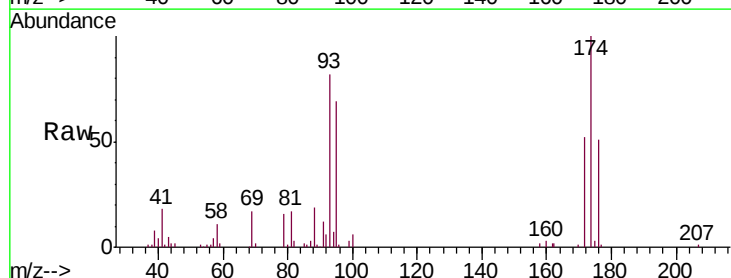
Tgt Ion: 93 Resp: 24699

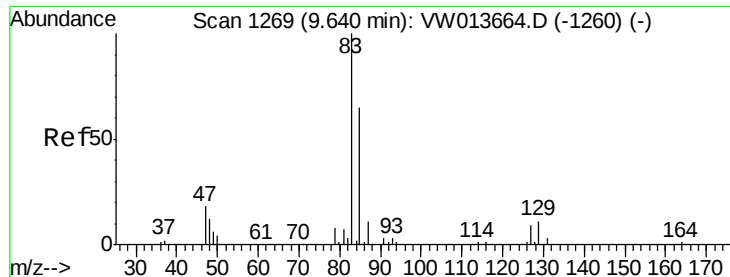
Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

174 124.0 99.6 149.4

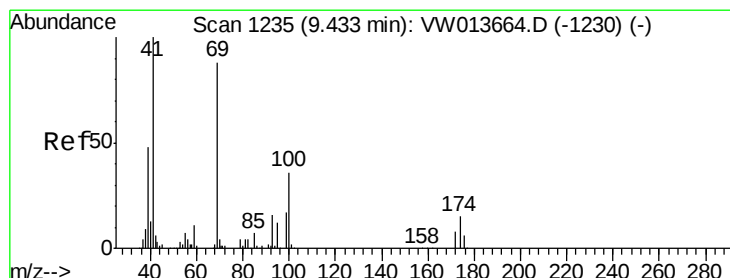
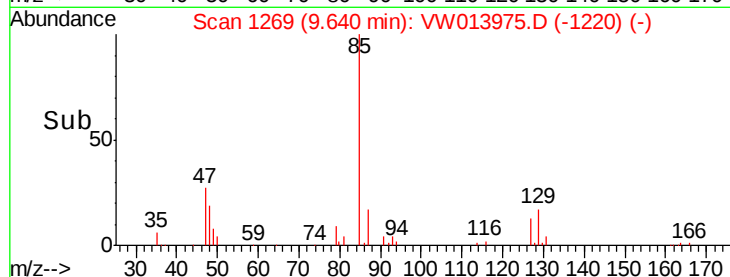
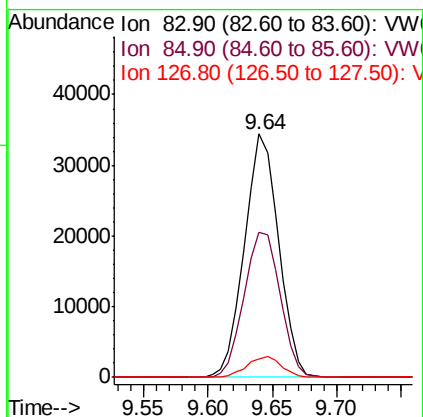
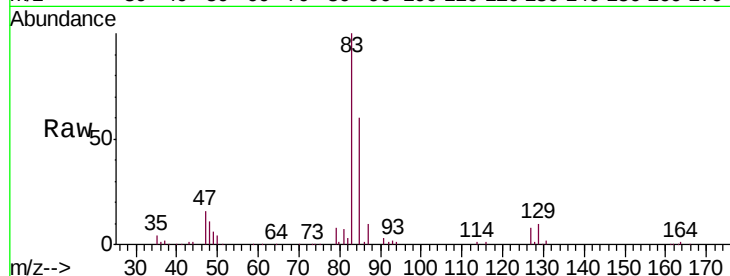




#47
Bromodichloromethane
Concen: 21.353 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

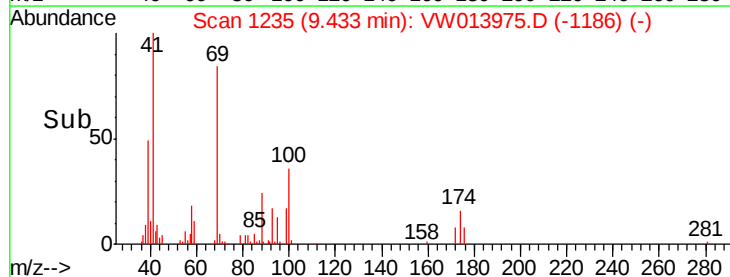
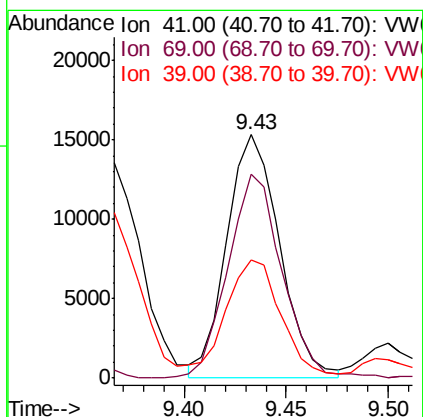
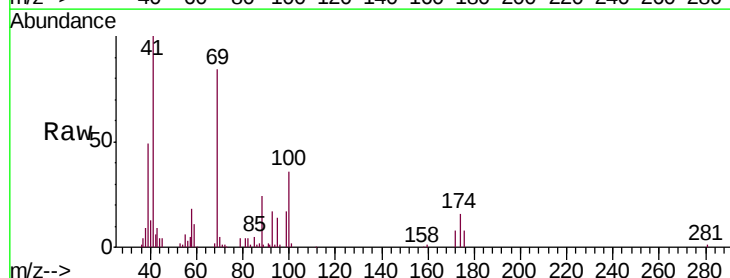
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

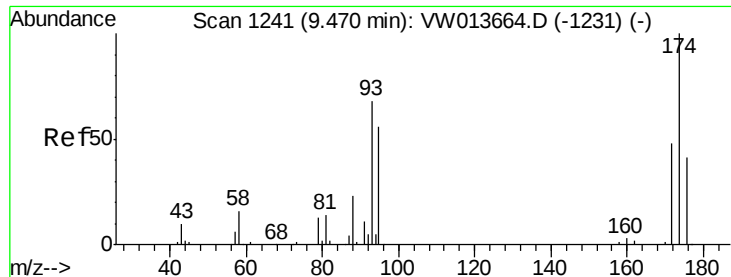
Tgt Ion: 83 Resp: 63140
Ion Ratio Lower Upper
83 100
85 59.8 51.8 77.6
127 7.8 7.3 10.9



#48
Methyl methacrylate
Concen: 21.859 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 41 Resp: 27667
Ion Ratio Lower Upper
41 100
69 86.0 67.6 101.4
39 47.6 38.6 58.0

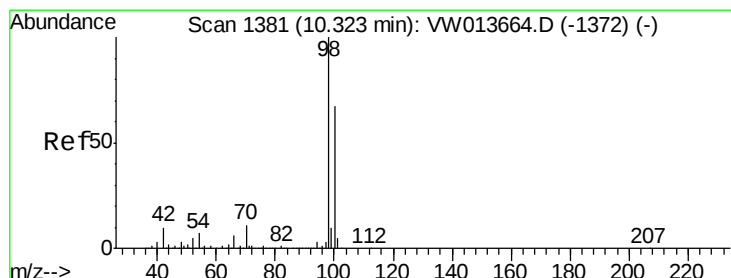
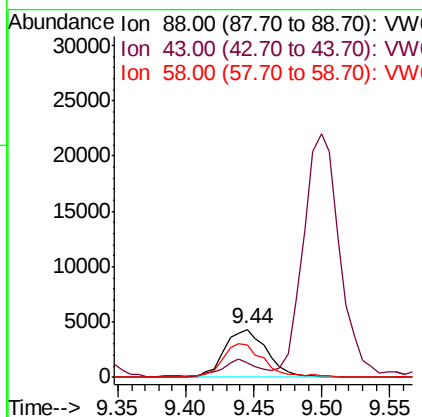
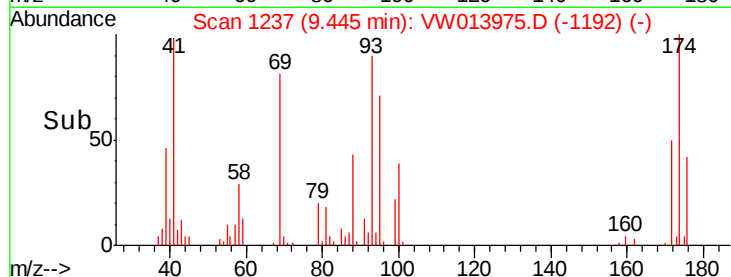
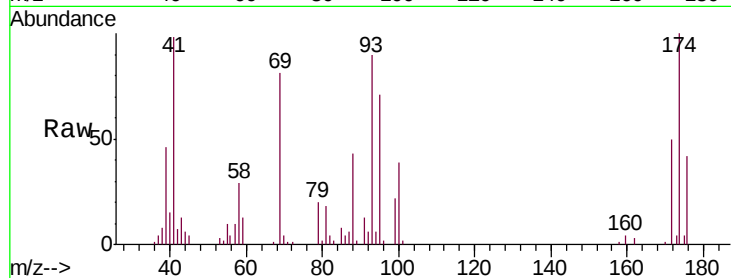




#49
1,4-Dioxane
Concen: 551.049 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

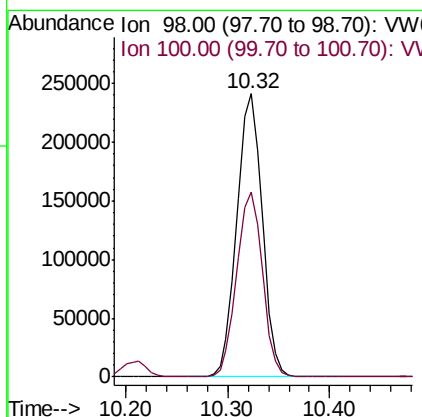
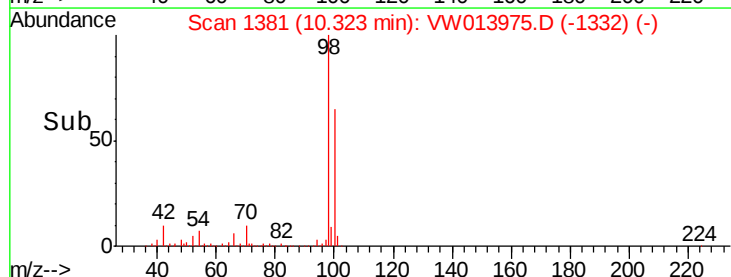
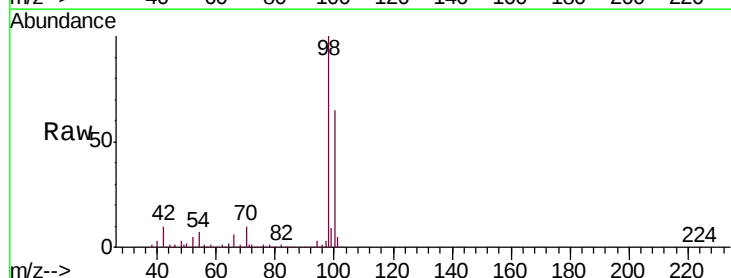
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

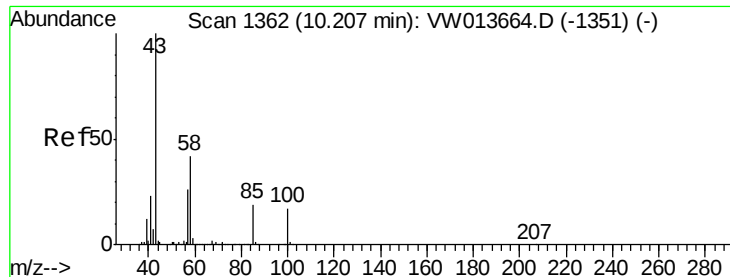
Tgt Ion: 88 Resp: 9306
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0#
58 70.7 58.9 88.3



#50
Toluene-d8
Concen: 49.081 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 98 Resp: 415651
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0

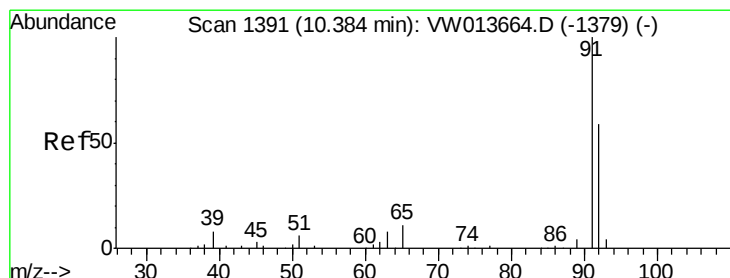
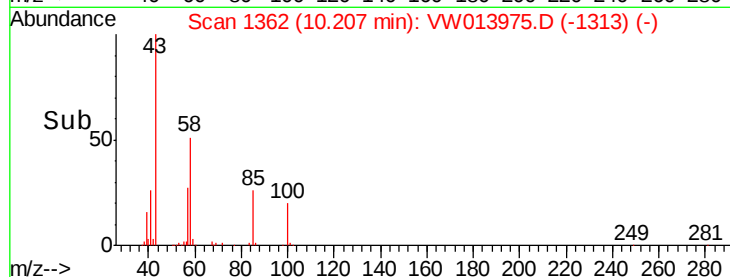
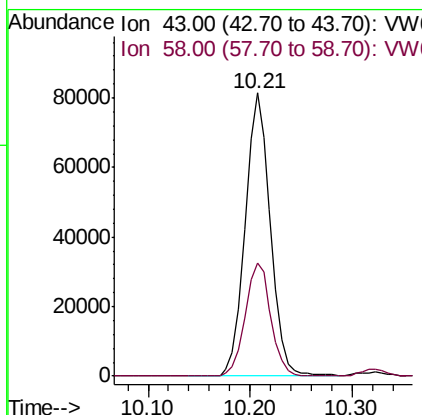
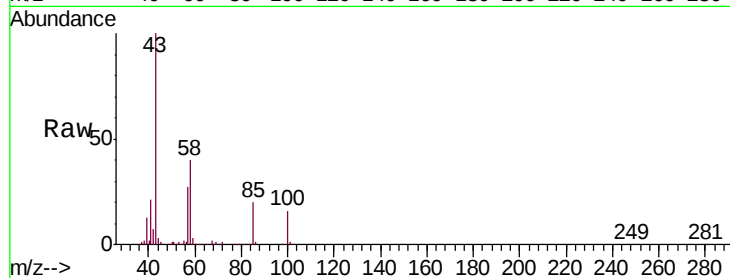




#51
 4-Methyl-2-Pentanone
 Concen: 109.845 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

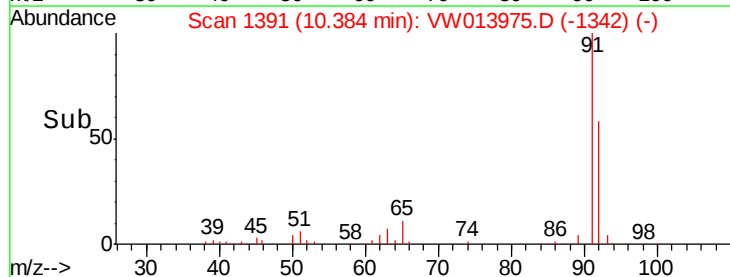
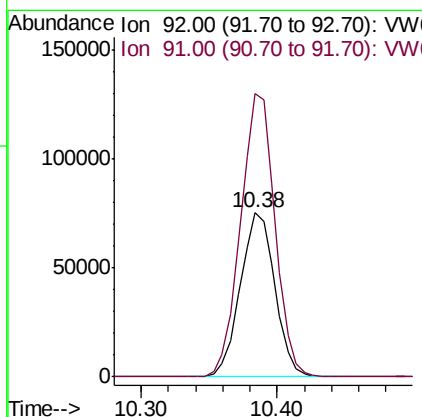
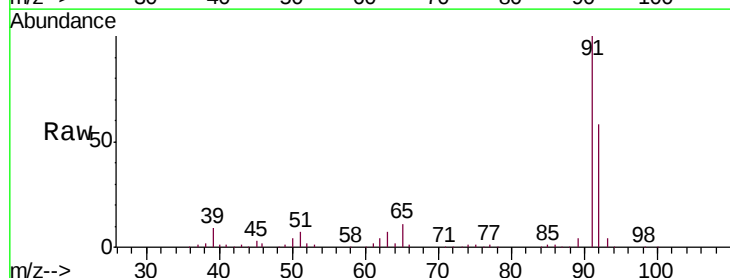
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

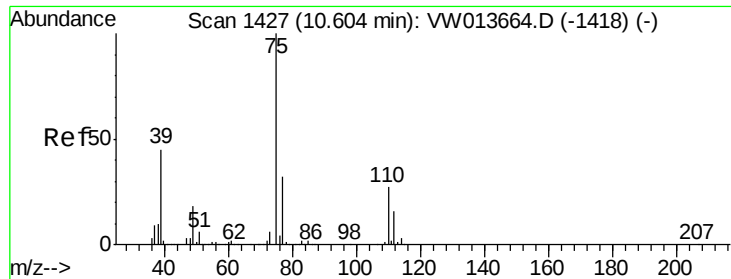
Tgt Ion: 43 Resp: 139318
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 49.0



#52
 Toluene
 Concen: 20.994 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion: 92 Resp: 133497
 Ion Ratio Lower Upper
 92 100
 91 172.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 20.943 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

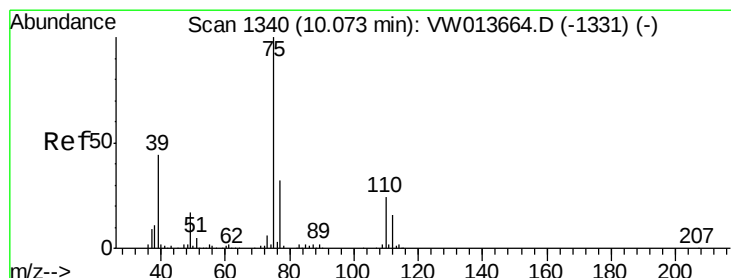
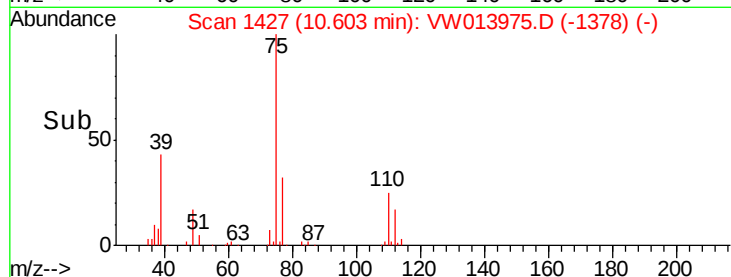
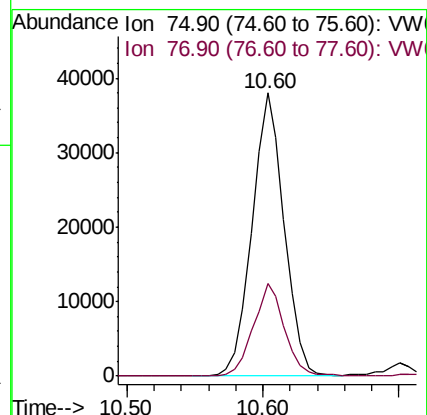
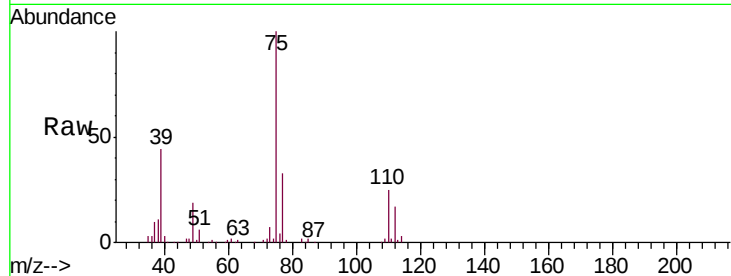
VW1112SBS01

Tgt Ion: 75 Resp: 62693

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.954 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

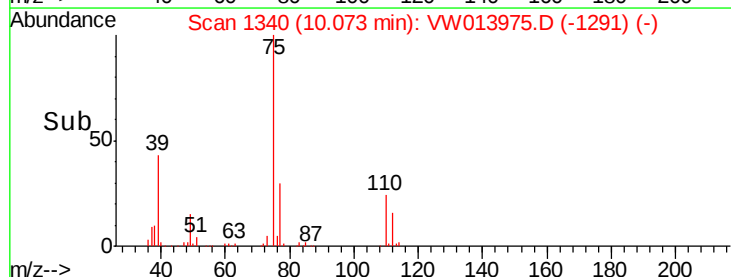
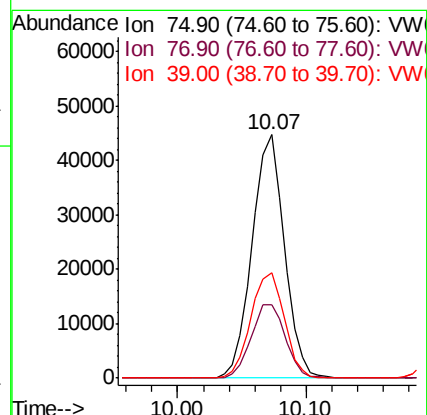
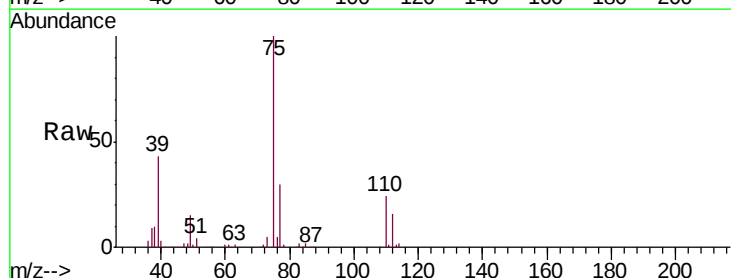
Tgt Ion: 75 Resp: 77389

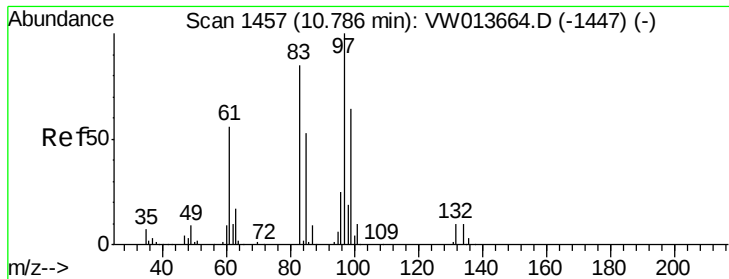
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.6

39 42.9 35.3 52.9

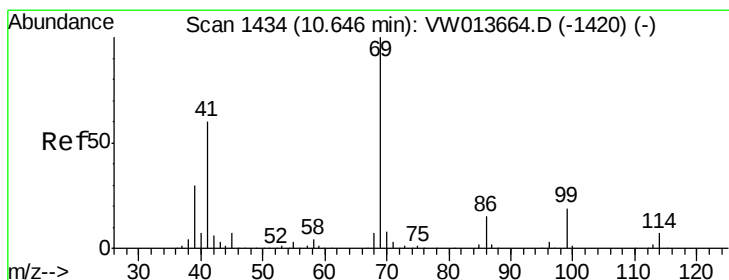
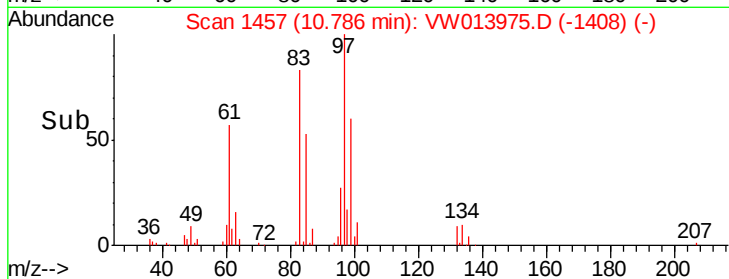
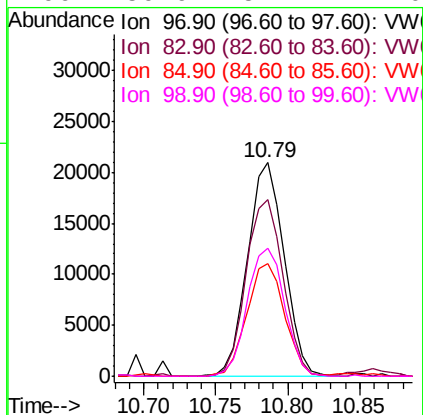
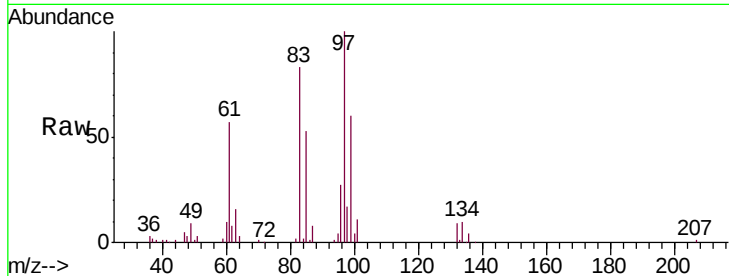




#55
 1,1,2-Trichloroethane
 Concen: 21.591 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

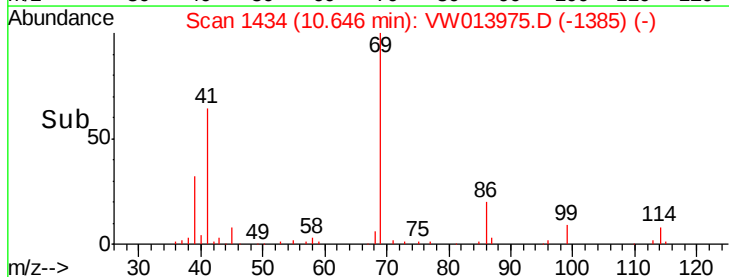
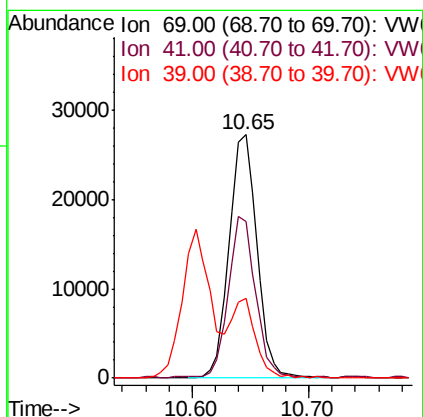
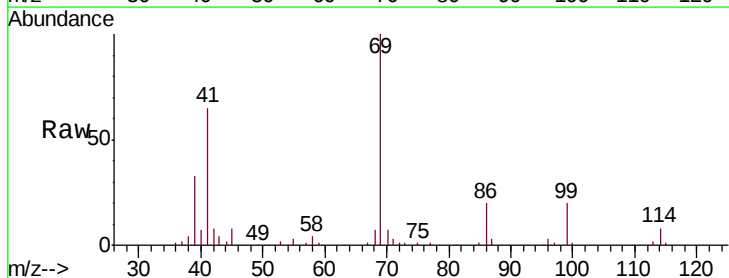
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

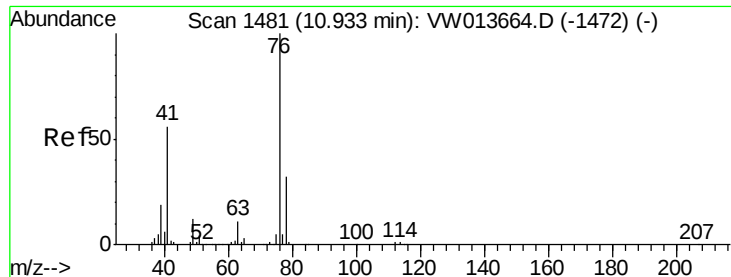
Tgt Ion:	97	Resp:	36775
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.8
85	52.9	42.1	63.1
99	59.9	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 21.429 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion:	69	Resp:	45665
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.6	77.4
39	28.6	22.4	33.6

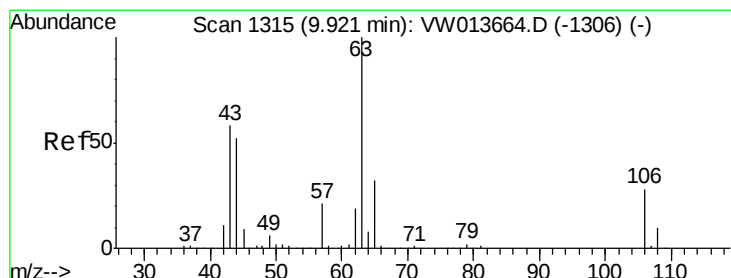
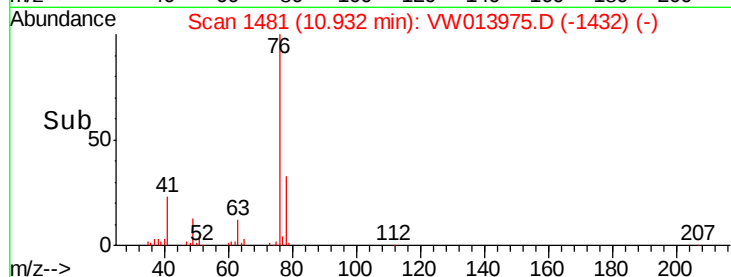
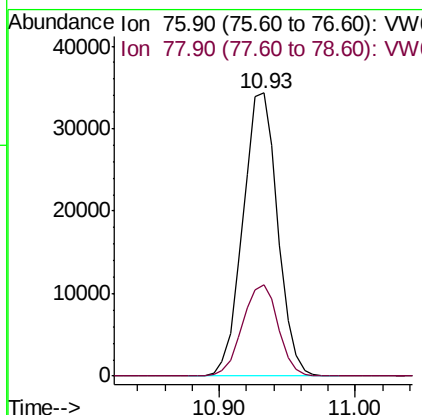
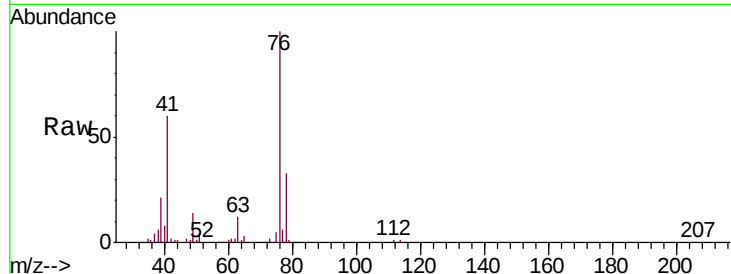




#57
 1,3-Dichloropropane
 Concen: 21.021 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

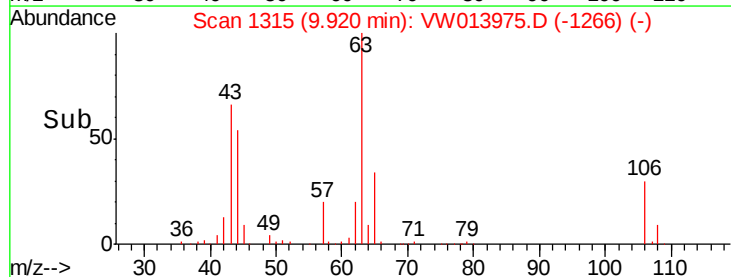
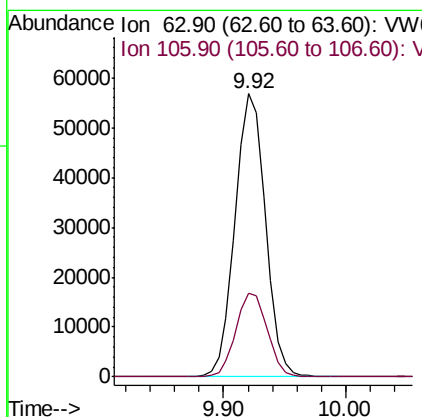
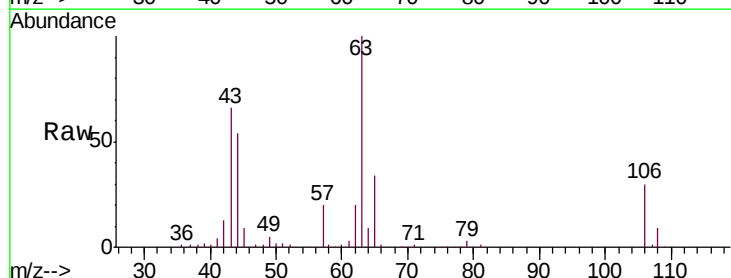
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

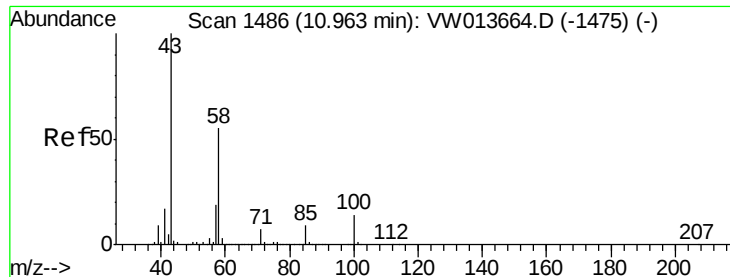
Tgt Ion: 76 Resp: 61441
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.952 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion: 63 Resp: 98027
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.8 35.8

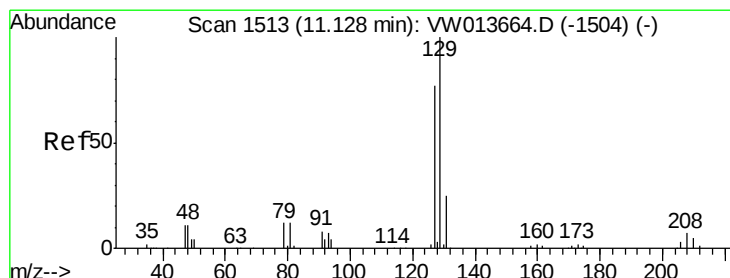
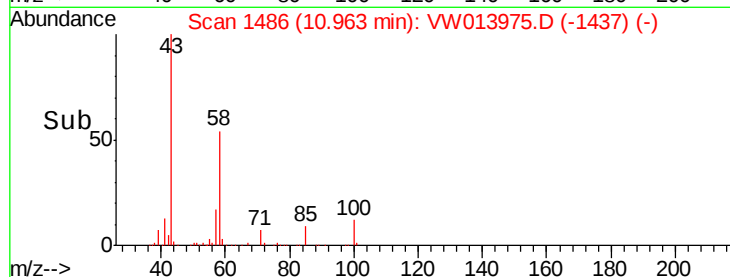
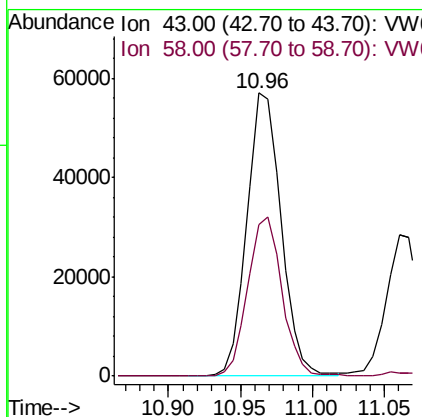
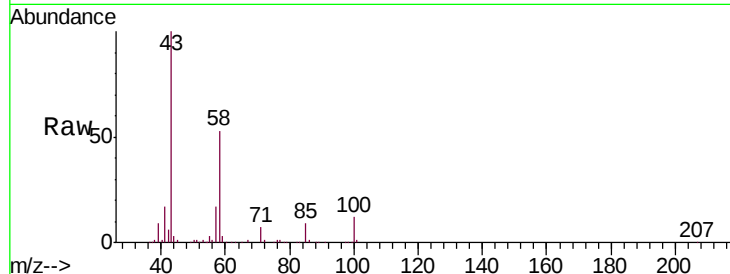




#59
2-Hexanone
Concen: 107.513 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

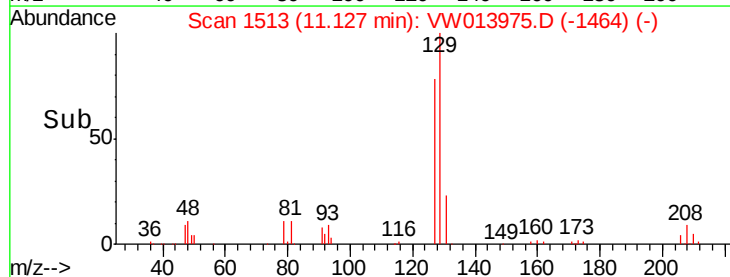
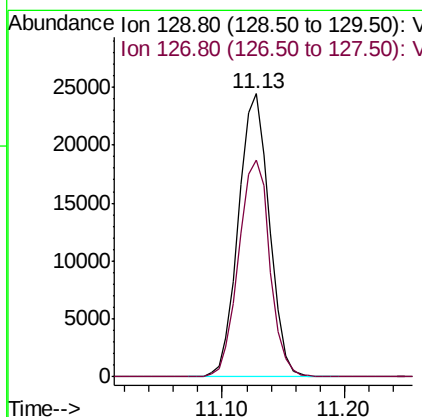
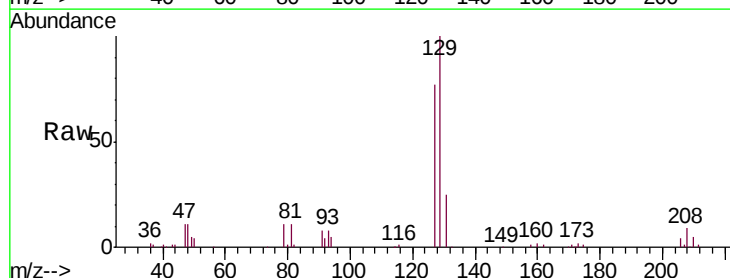
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

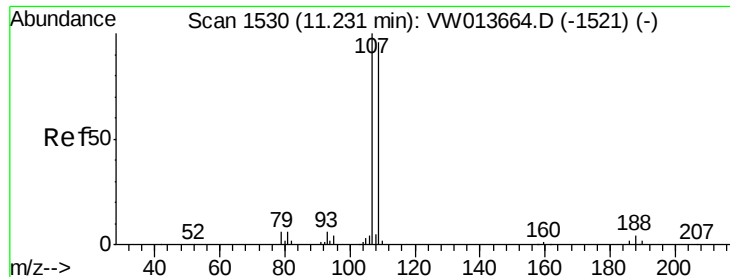
Tgt Ion: 43 Resp: 94006
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.7



#60
Dibromochloromethane
Concen: 21.131 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 129 Resp: 42733
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

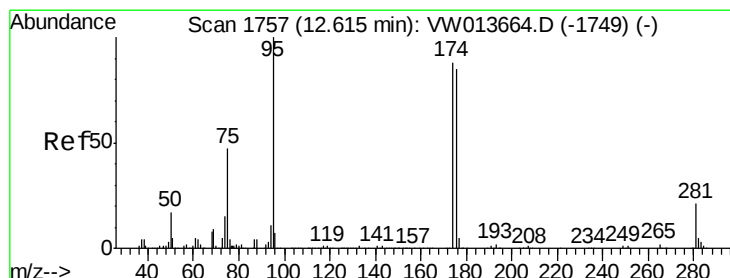
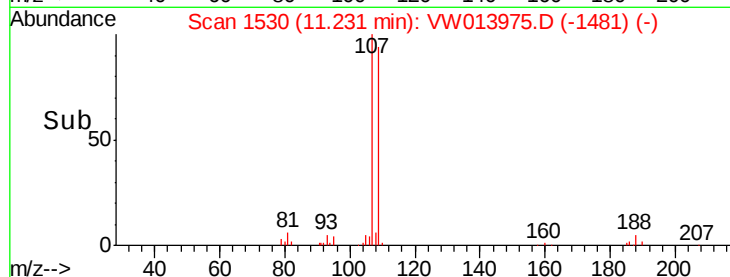
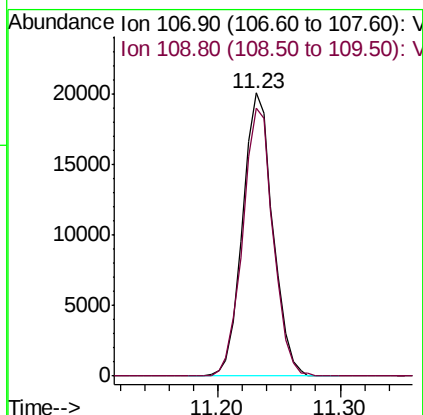
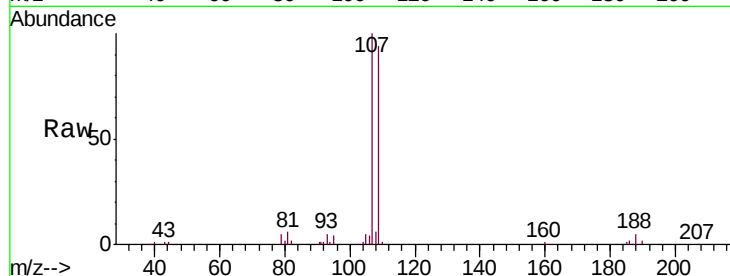




#61
1,2-Dibromoethane
Concen: 21.330 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

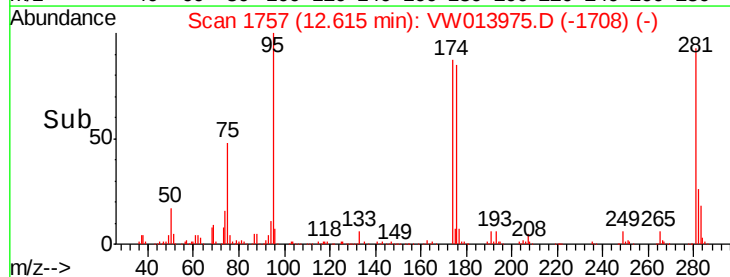
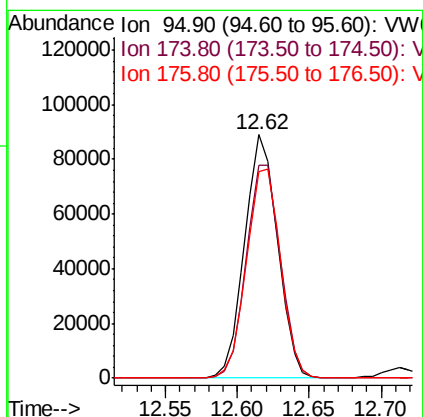
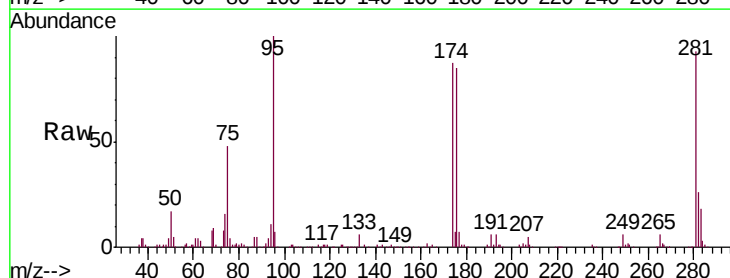
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

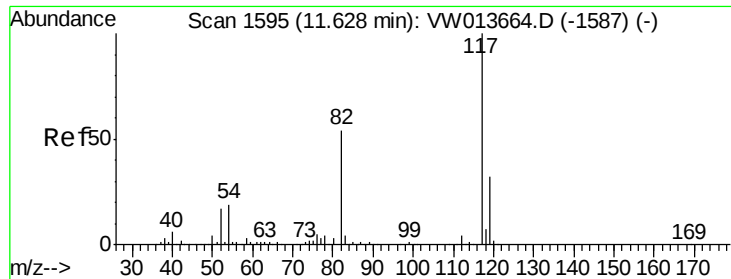
Tgt Ion: 107 Resp: 34370
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 49.157 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 95 Resp: 140959
Ion Ratio Lower Upper
95 100
174 90.6 0.0 183.6
176 88.7 0.0 178.0

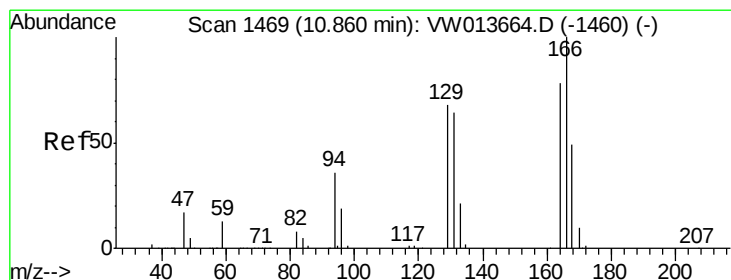
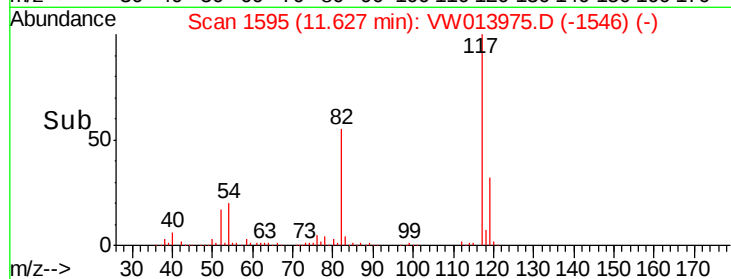
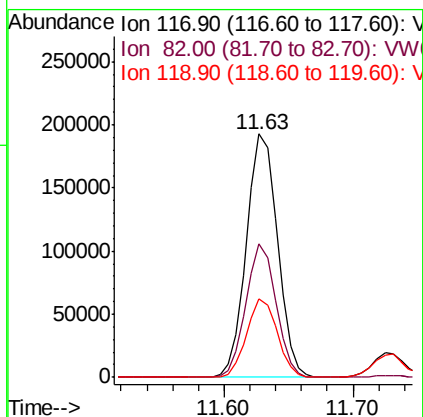
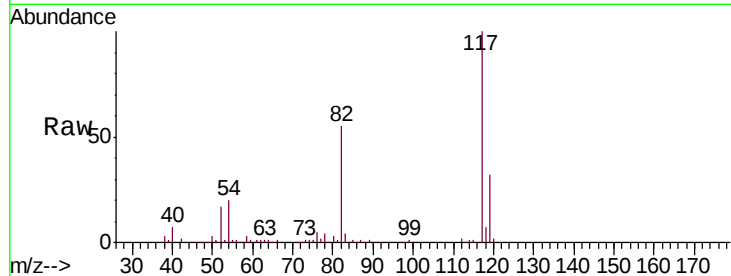




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

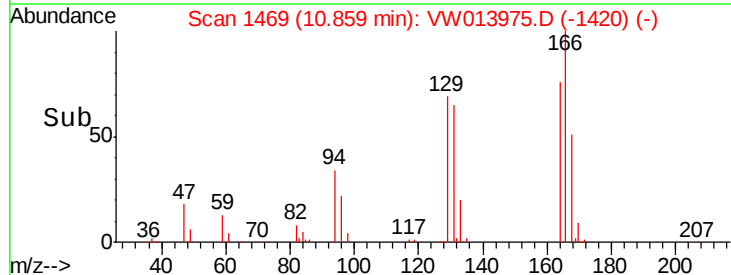
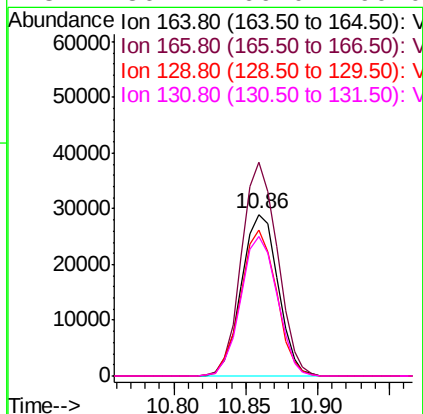
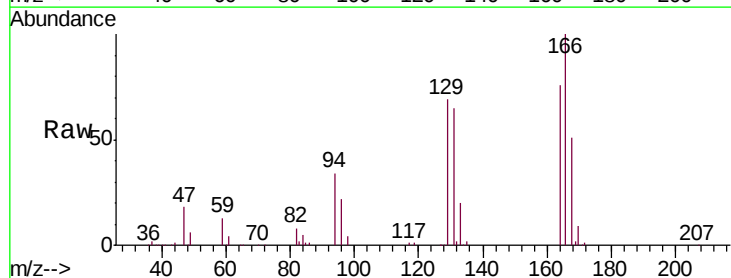
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

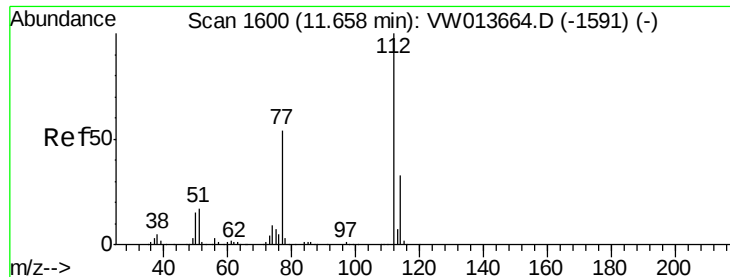
Tgt Ion:117 Resp: 321884
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 20.844 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion:164 Resp: 51262
Ion Ratio Lower Upper
164 100
166 132.3 103.2 154.8
129 90.7 70.6 105.8
131 86.4 66.0 99.0

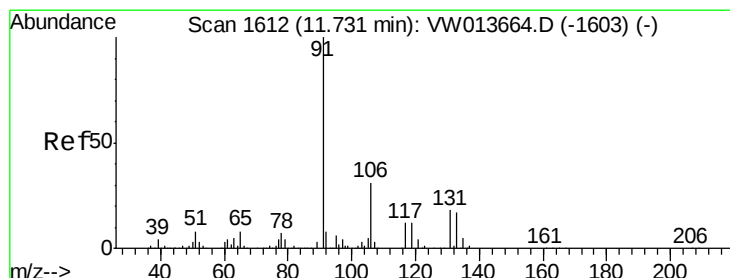
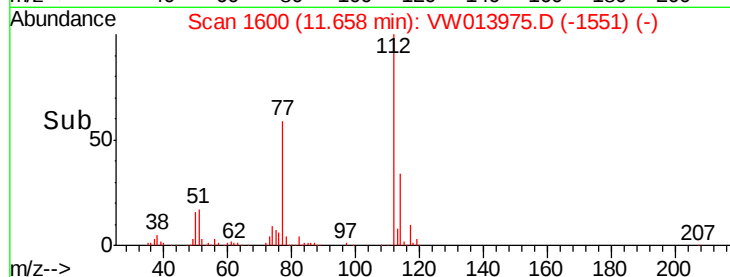
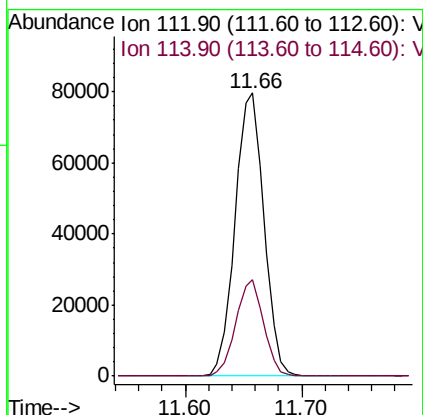
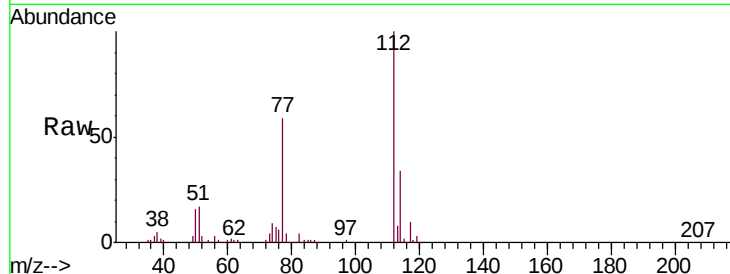




#65
Chlorobenzene
Concen: 20.861 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

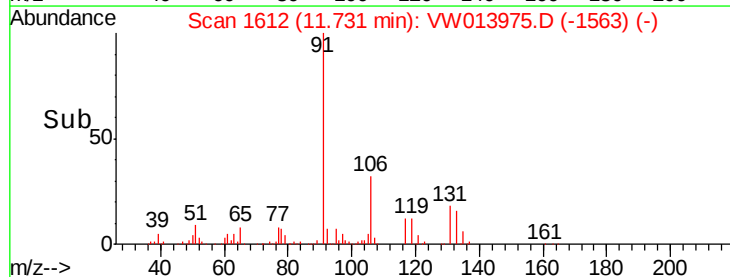
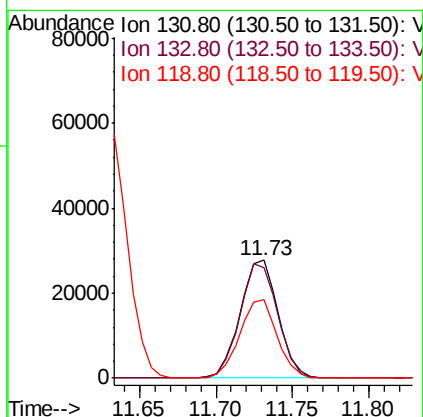
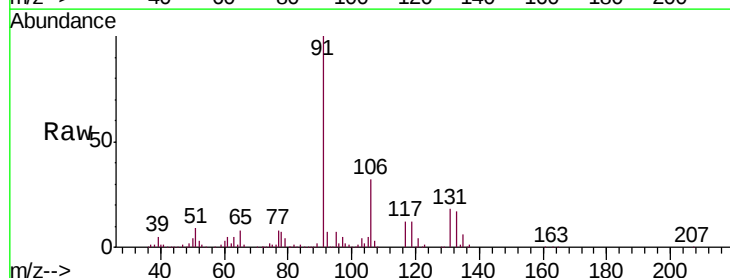
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

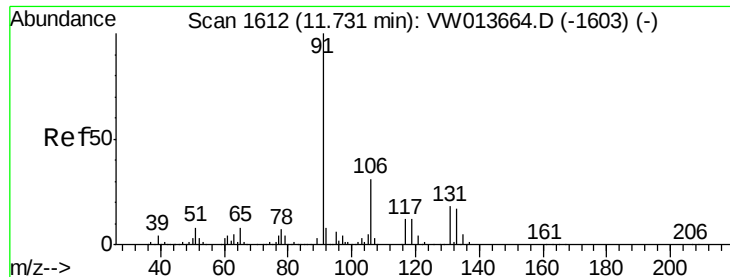
Tgt Ion:112 Resp: 137982
Ion Ratio Lower Upper
112 100
114 34.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.723 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion:131 Resp: 47838
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.3
119 65.4 33.1 99.2

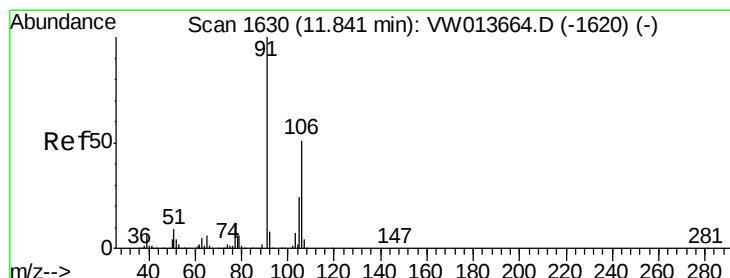
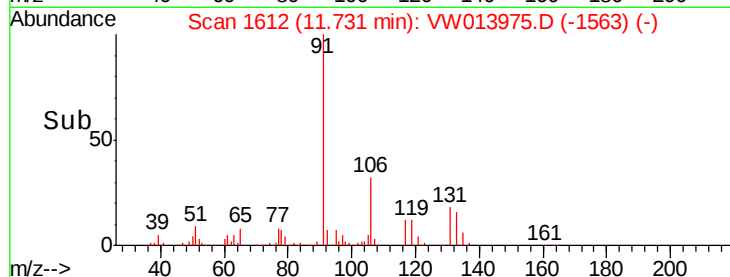
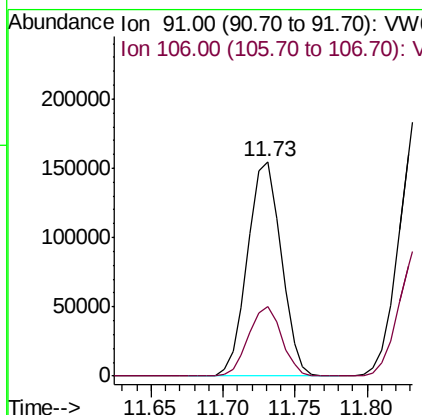
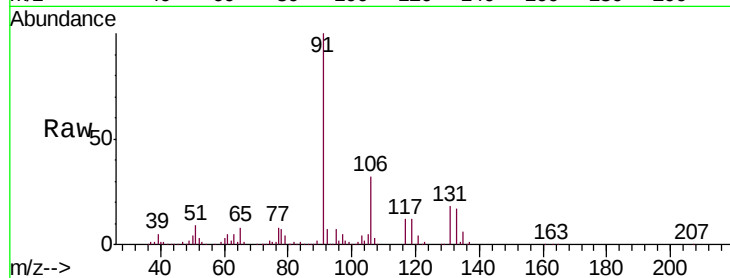




#67
Ethyl Benzene
Concen: 21.100 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

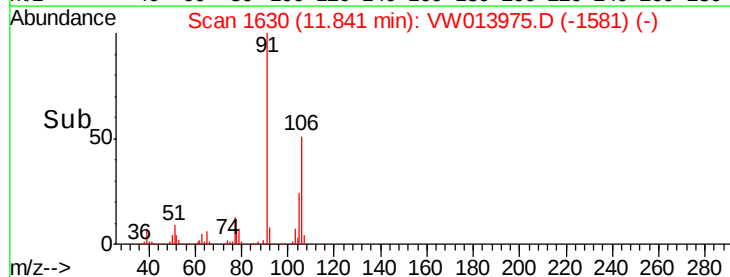
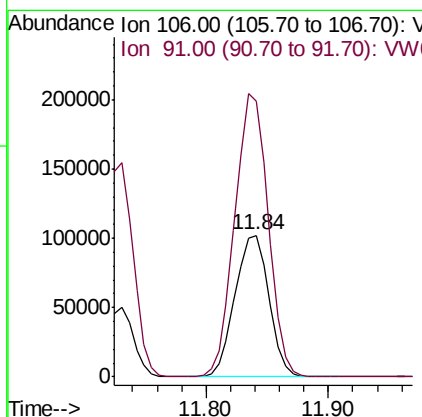
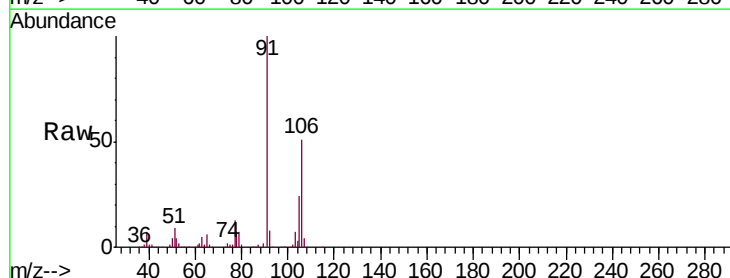
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

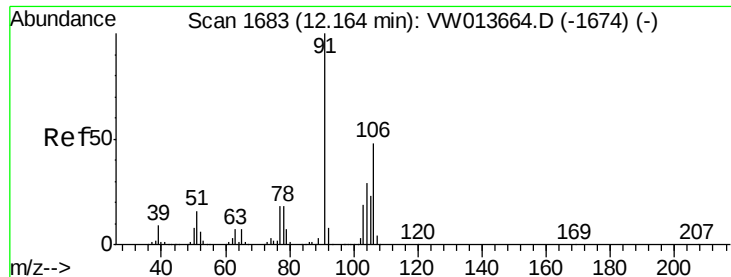
Tgt Ion: 91 Resp: 251663
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6



#68
m/p-Xylenes
Concen: 42.701 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion: 106 Resp: 196767
Ion Ratio Lower Upper
106 100
91 197.1 159.2 238.8

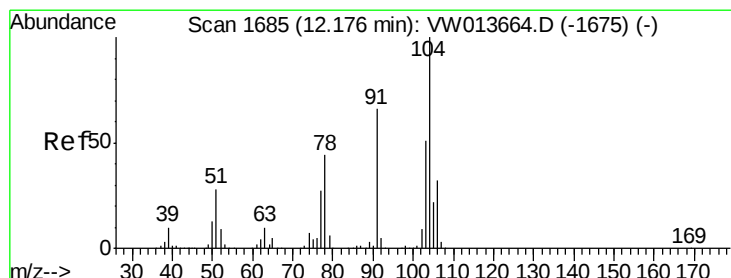
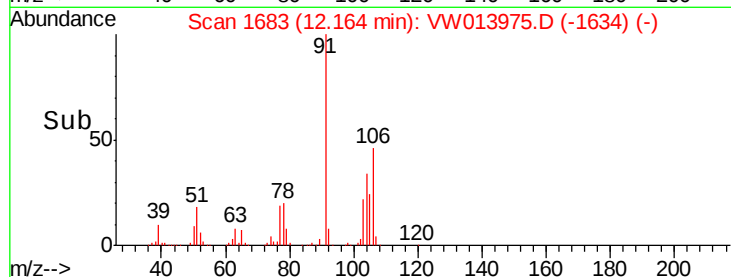
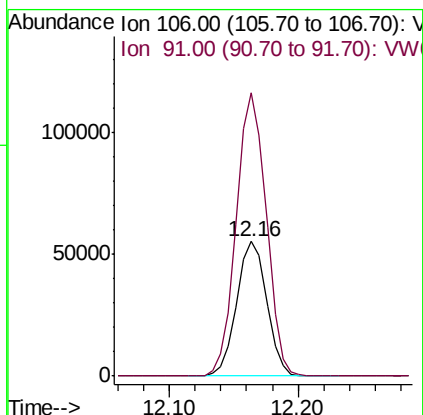
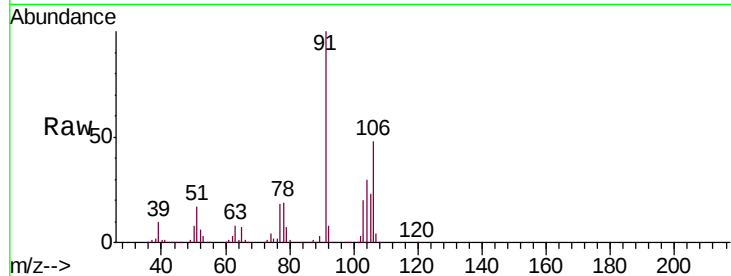




#69
o-Xylene
Concen: 21.175 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

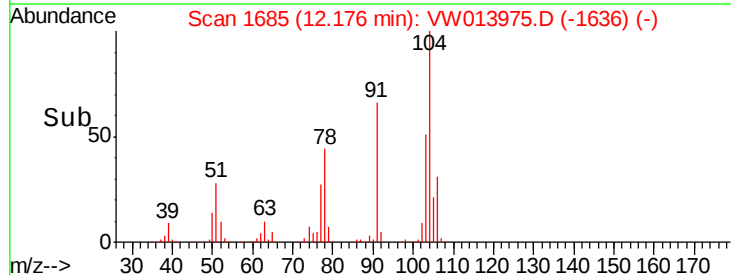
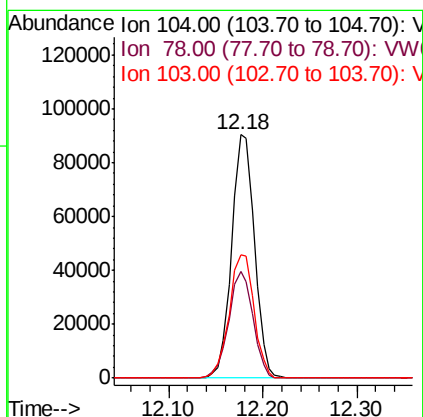
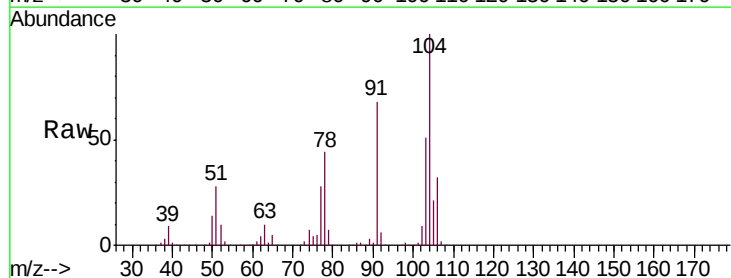
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

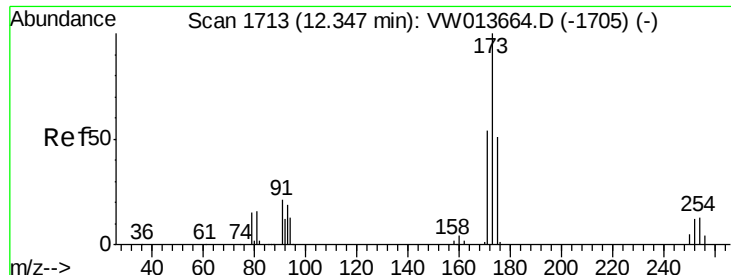
Tgt Ion:106 Resp: 89689
Ion Ratio Lower Upper
106 100
91 209.2 104.9 314.7



#70
Styrene
Concen: 20.957 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion:104 Resp: 152512
Ion Ratio Lower Upper
104 100
78 46.5 37.1 55.7
103 55.2 43.6 65.4





#71

Bromoform

Concen: 20.252 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

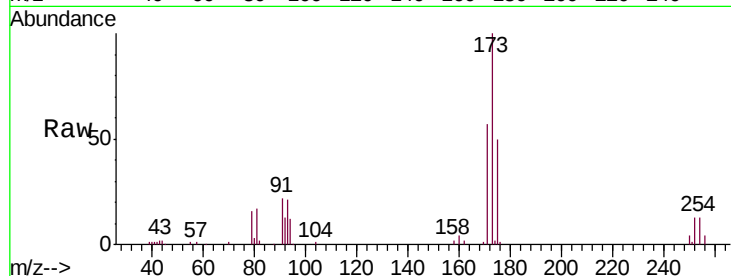
Tgt Ion:173 Resp: 24534

Ion Ratio Lower Upper

173 100

175 50.8 25.2 75.6

254 0.0 0.1 0.1#

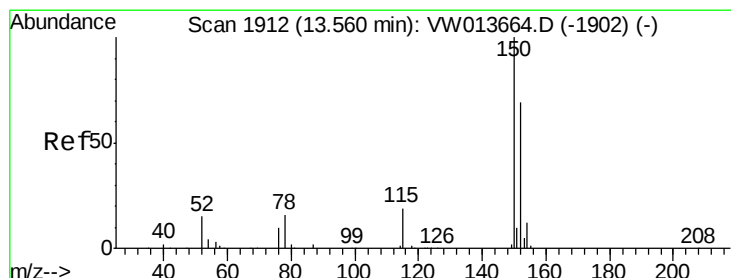
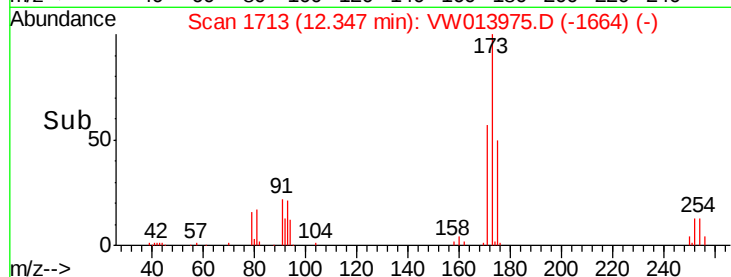
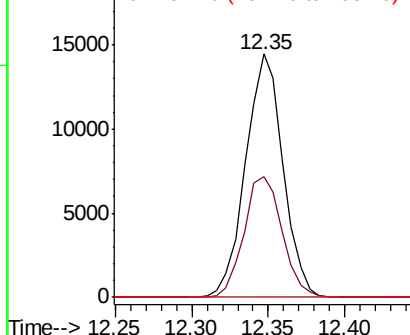


Abundance

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: VW013975.D

Acq: 12 Nov 2019 15:11

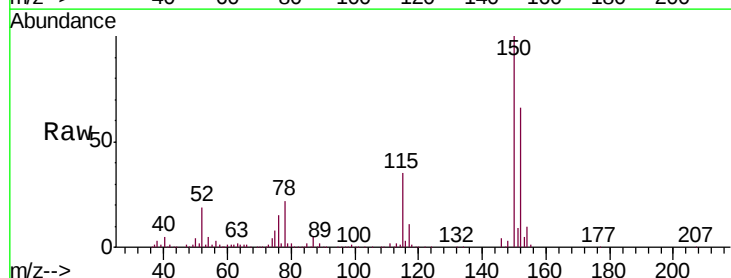
Tgt Ion:152 Resp: 163886

Ion Ratio Lower Upper

152 100

115 53.2 27.4 82.2

150 162.1 0.0 345.4

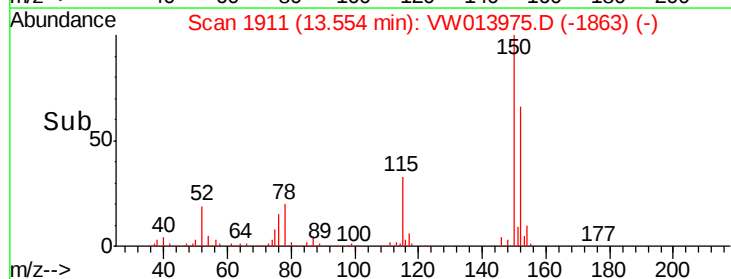
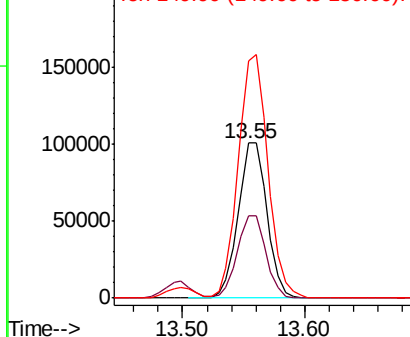


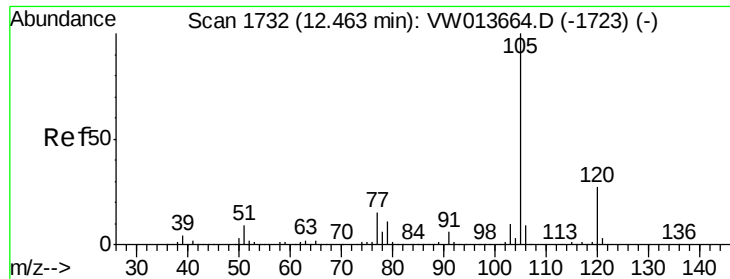
Abundance

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: 21.324 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

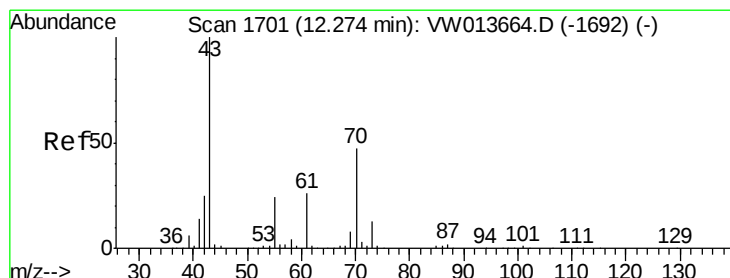
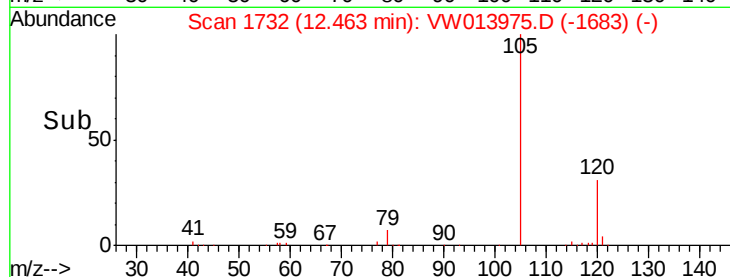
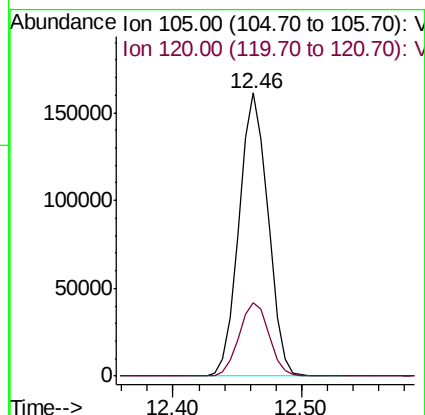
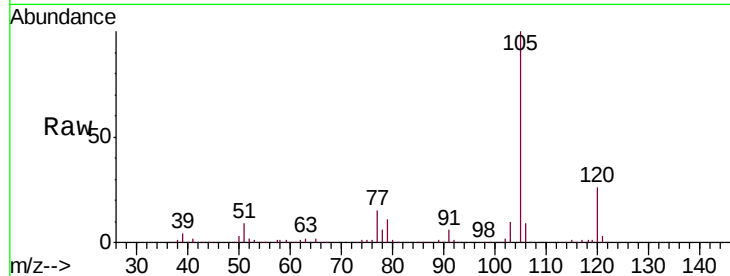
VW1112SBS01

Tgt Ion: 105 Resp: 250963

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 21.662 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Tgt Ion: 43 Resp: 49318

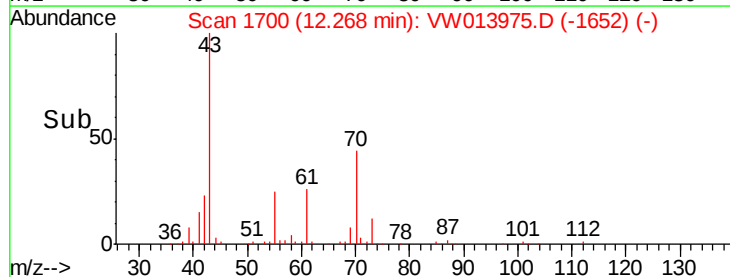
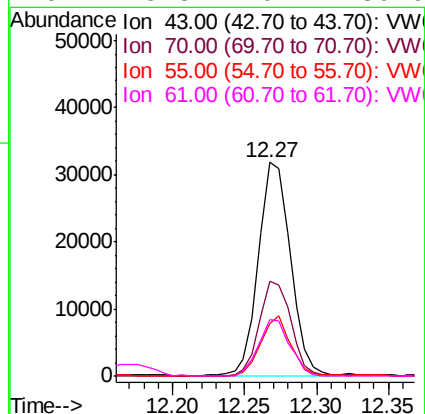
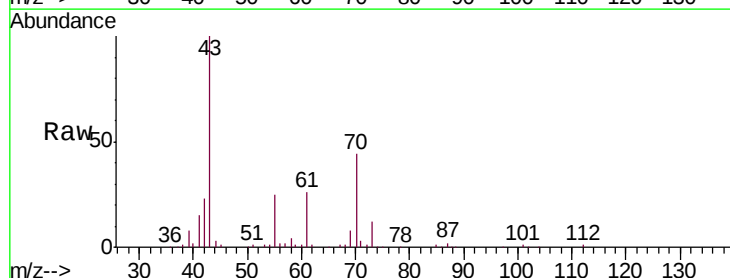
Ion Ratio Lower Upper

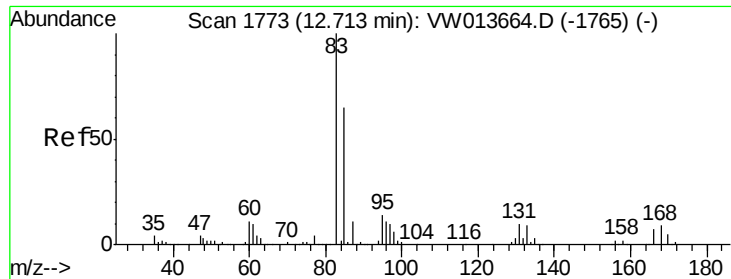
43 100

70 43.8 36.6 55.0

55 26.3 20.3 30.5

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.575 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

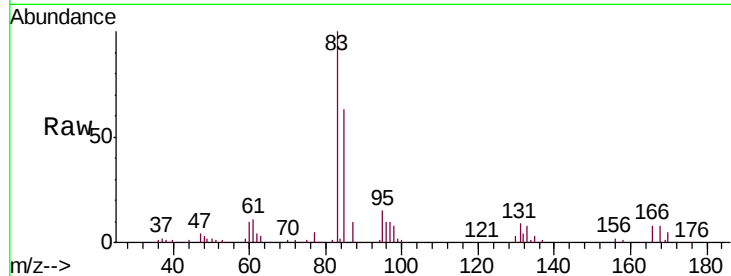
Tgt Ion: 83 Resp: 40070

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.1

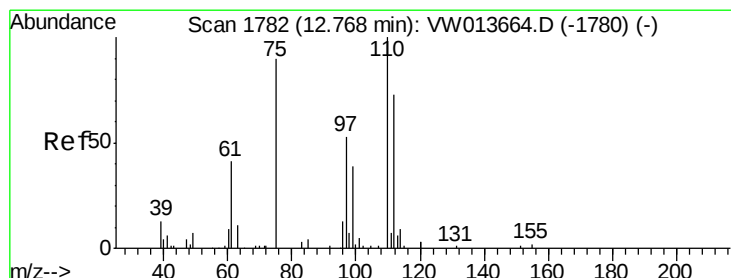
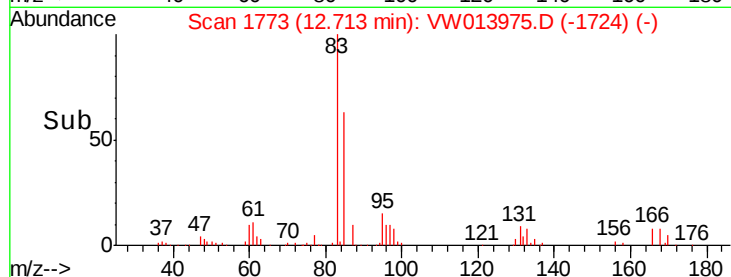
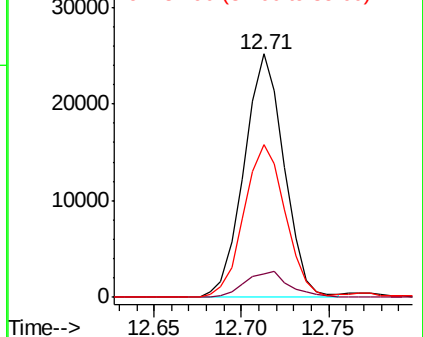
85 64.8 32.5 97.4



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: 43.201 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW013975.D

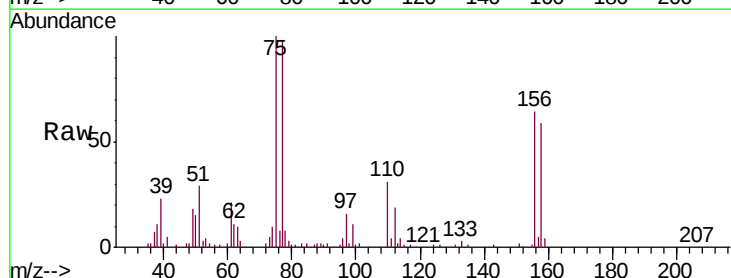
Acq: 12 Nov 2019 15:11

Tgt Ion: 75 Resp: 50845

Ion Ratio Lower Upper

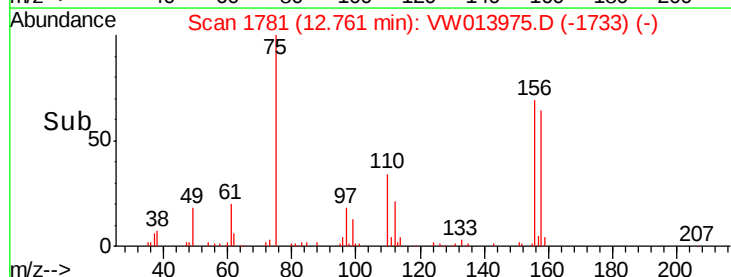
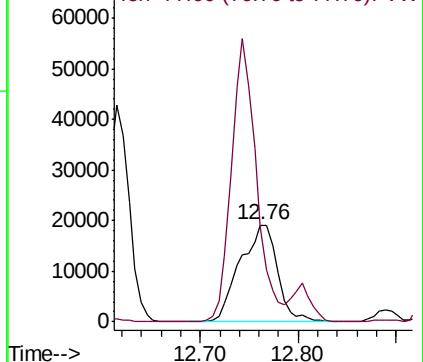
75 100

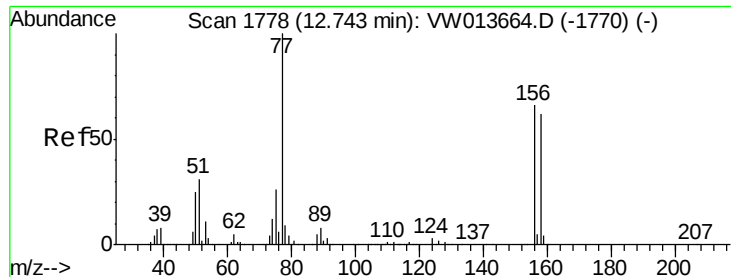
77 196.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.005 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

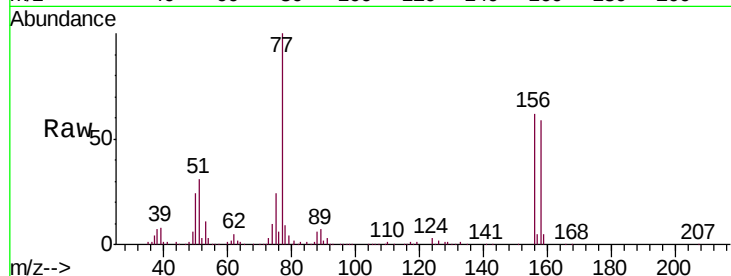
Tgt Ion:156 Resp: 59055

Ion Ratio Lower Upper

156 100

77 169.0 82.9 248.7

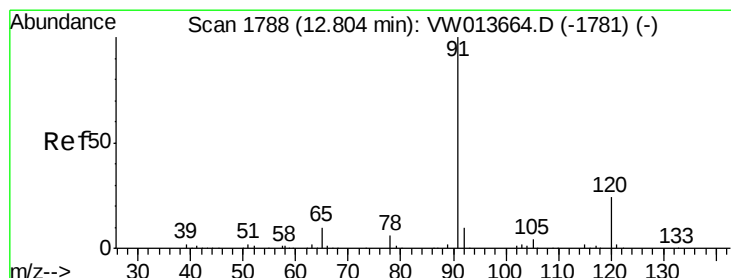
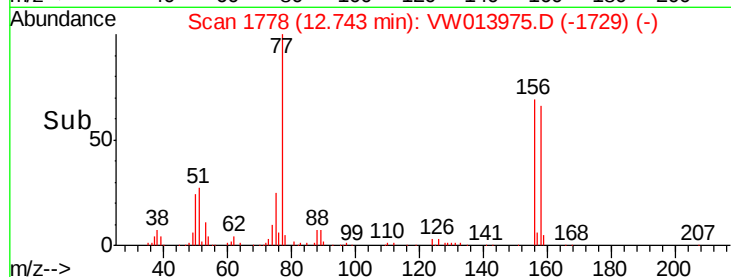
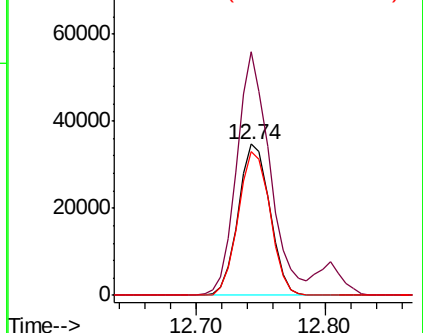
158 95.5 48.4 145.2



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: 21.352 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013975.D

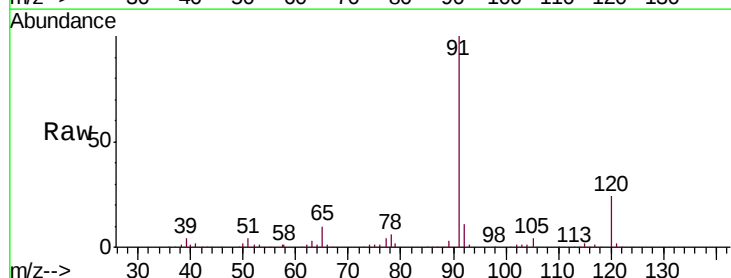
Acq: 12 Nov 2019 15:11

Tgt Ion: 91 Resp: 290855

Ion Ratio Lower Upper

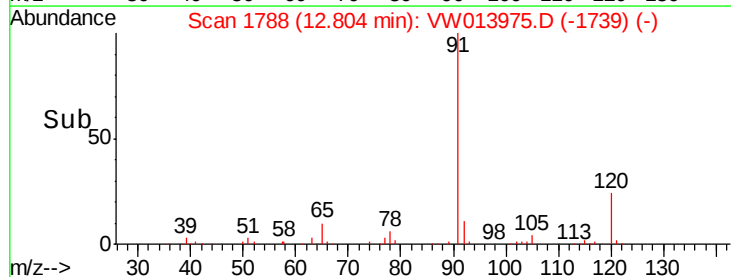
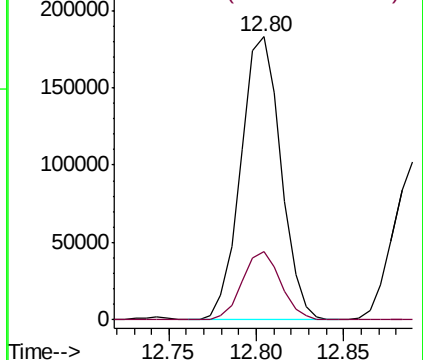
91 100

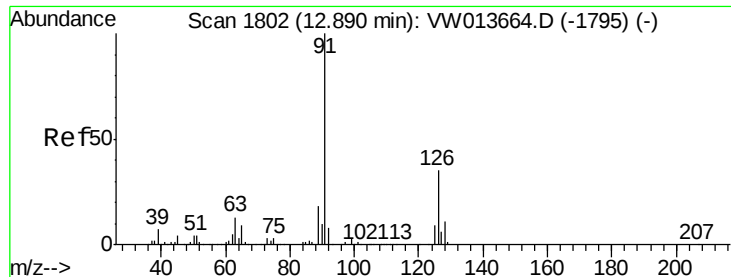
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.448 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

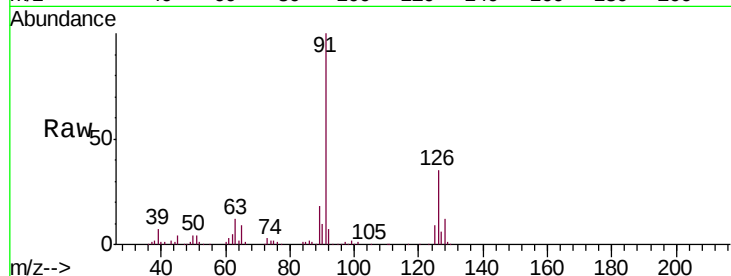
VW1112SBS01

Tgt Ion: 91 Resp: 164187

Ion Ratio Lower Upper

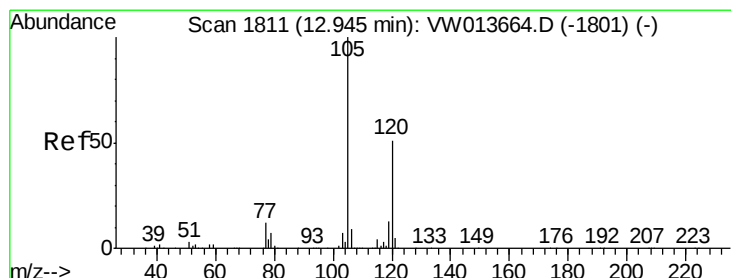
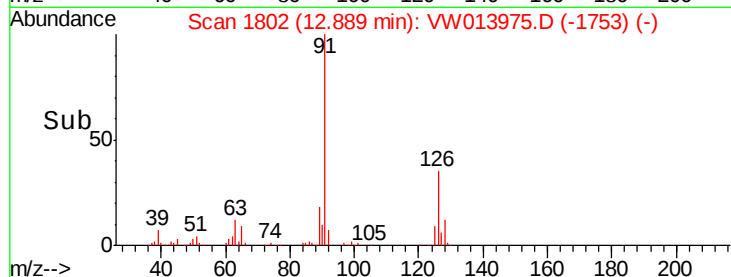
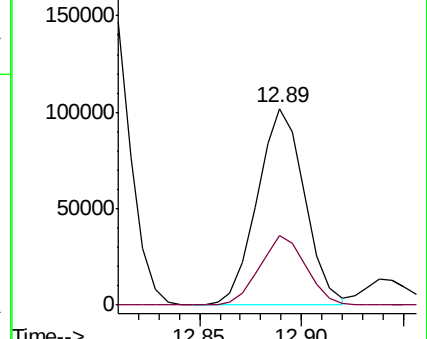
91 100

126 34.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.321 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013975.D

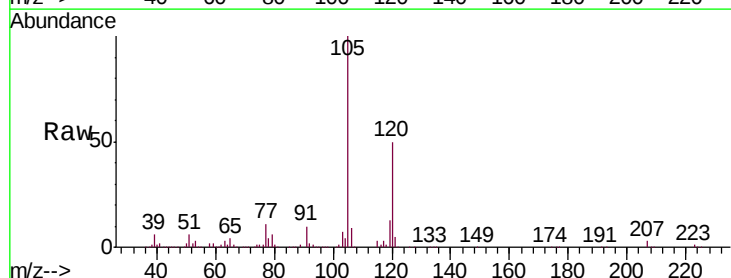
Acq: 12 Nov 2019 15:11

Tgt Ion: 105 Resp: 211824

Ion Ratio Lower Upper

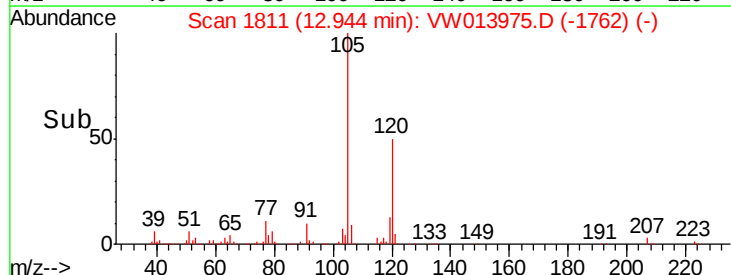
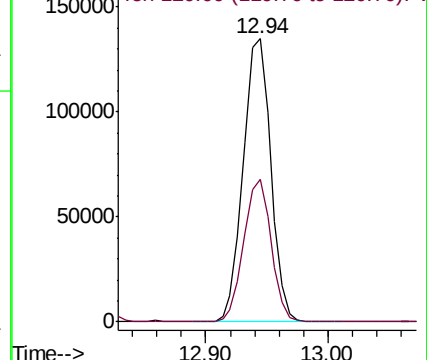
105 100

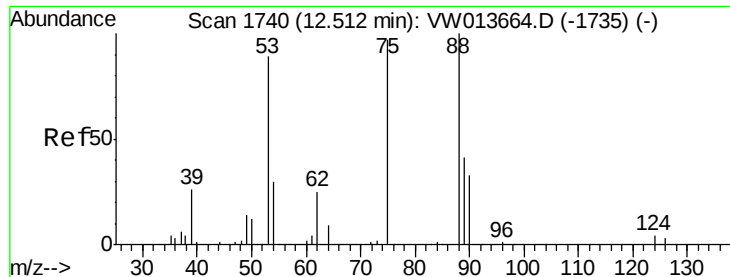
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.809 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

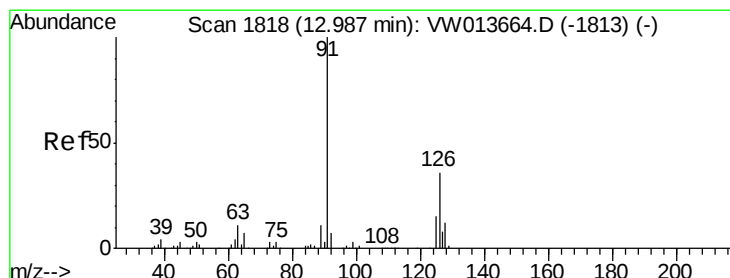
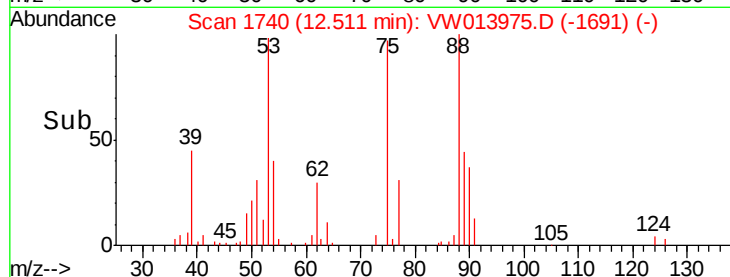
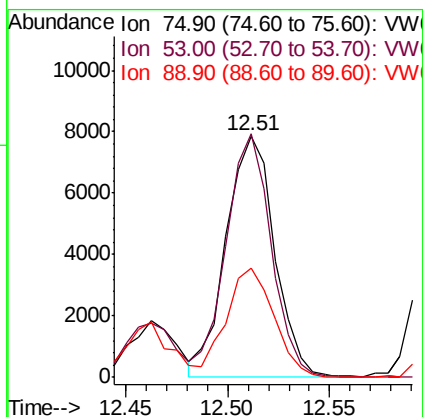
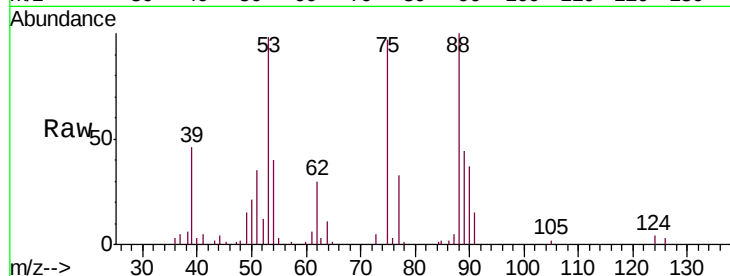
Tgt Ion: 75 Resp: 12959

Ion Ratio Lower Upper

75 100

53 94.2 71.7 107.5

89 44.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.548 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013975.D

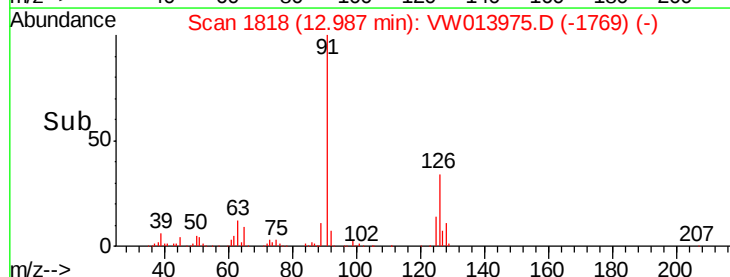
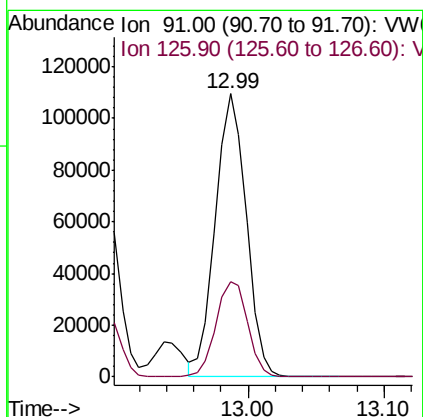
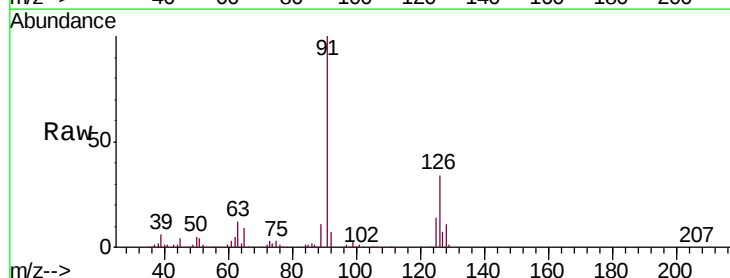
Acq: 12 Nov 2019 15:11

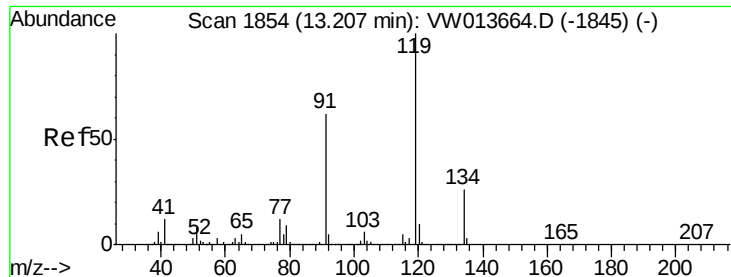
Tgt Ion: 91 Resp: 173179

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5

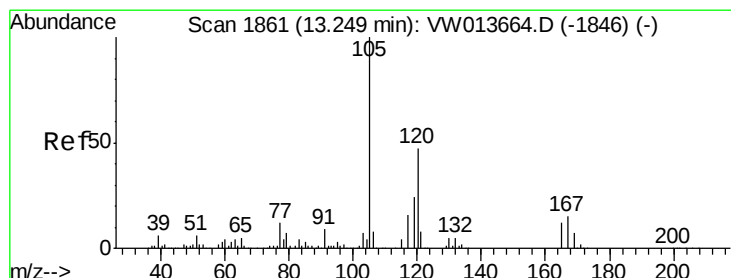
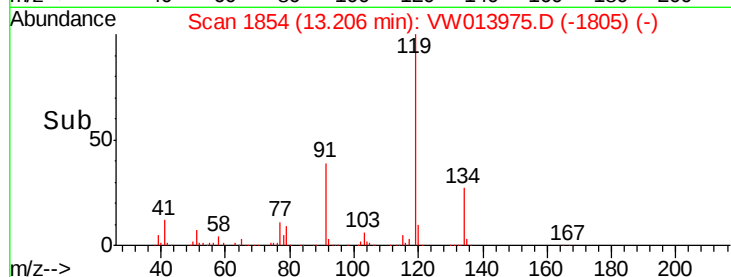
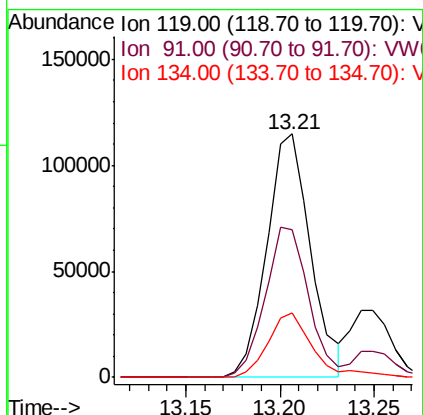
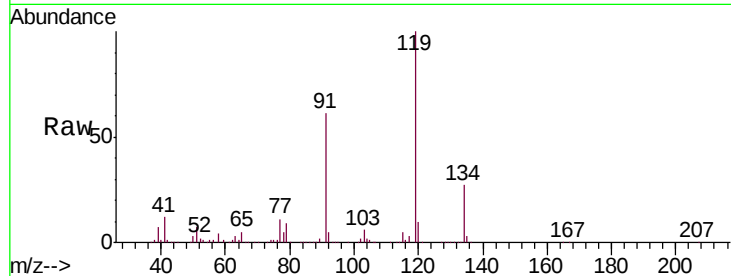




#83
 tert-Butylbenzene
 Concen: 20.941 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

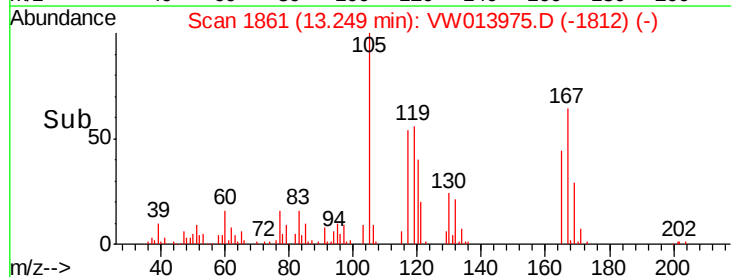
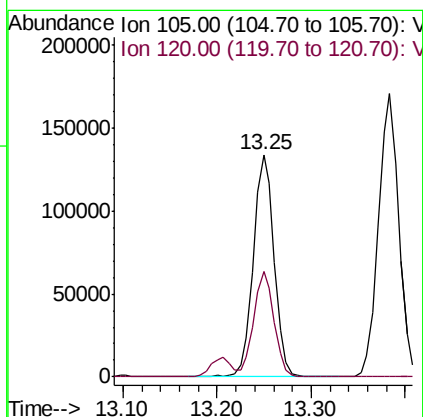
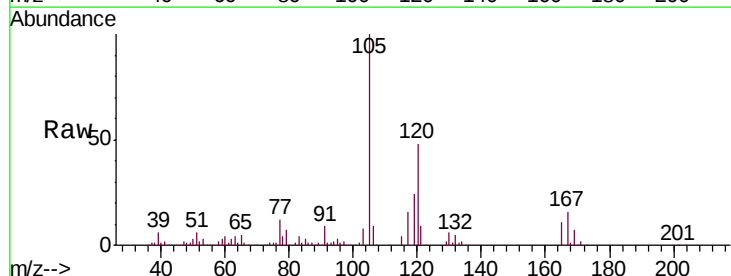
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

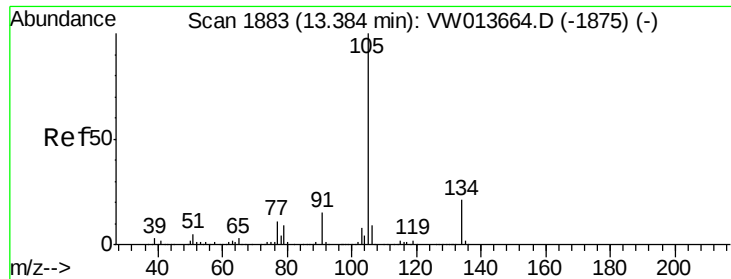
Tgt Ion:119 Resp: 184674
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.4 91.3
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.256 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion:105 Resp: 208321
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.5 70.5

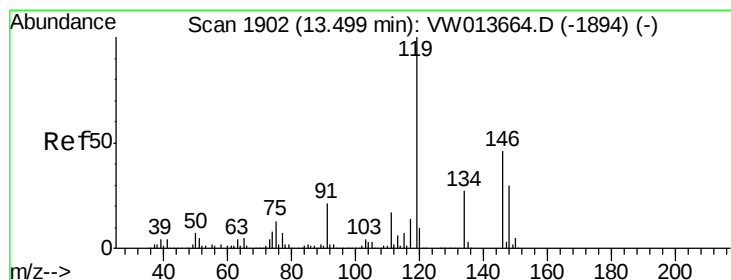
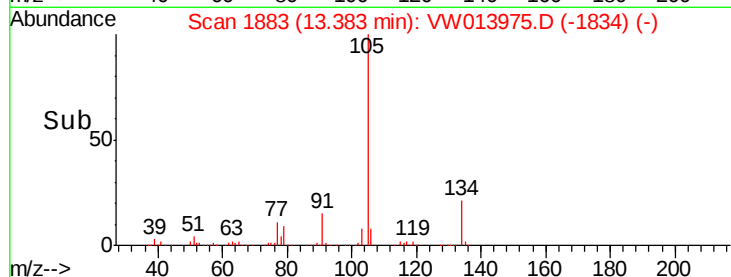
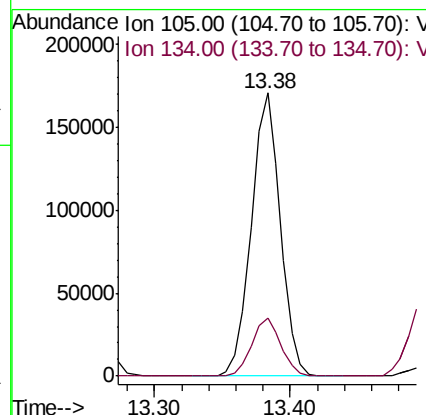
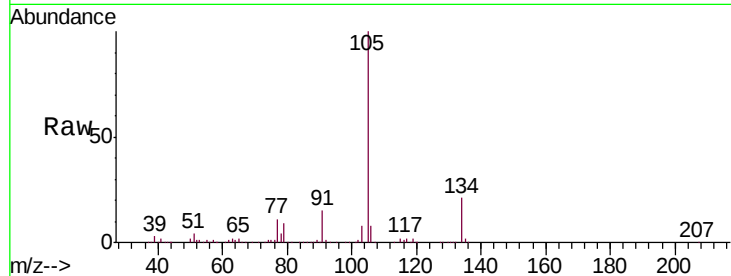




#85
 sec-Butylbenzene
 Concen: 21.115 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

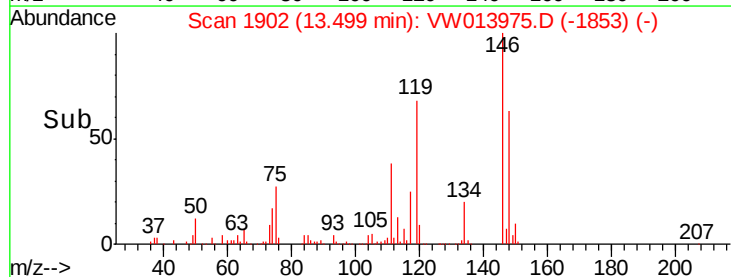
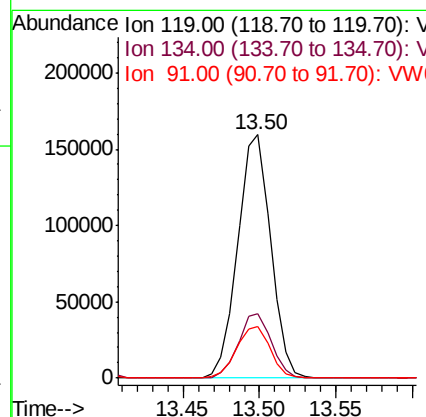
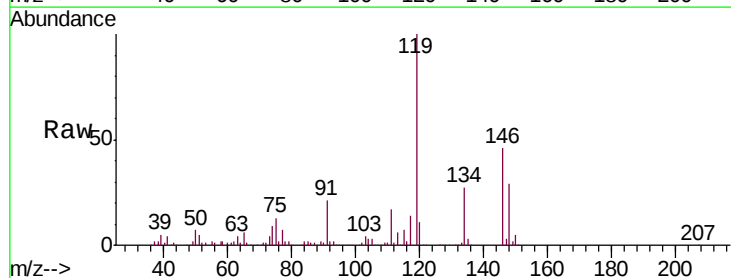
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

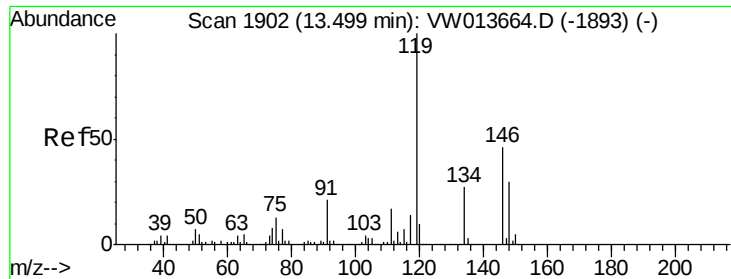
Tgt Ion:105 Resp: 254635
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion:119 Resp: 238095
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 21.8 10.8 32.3

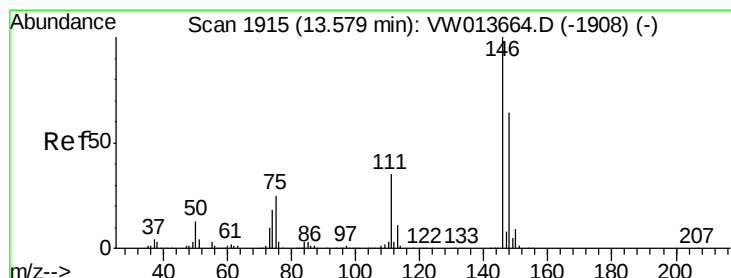
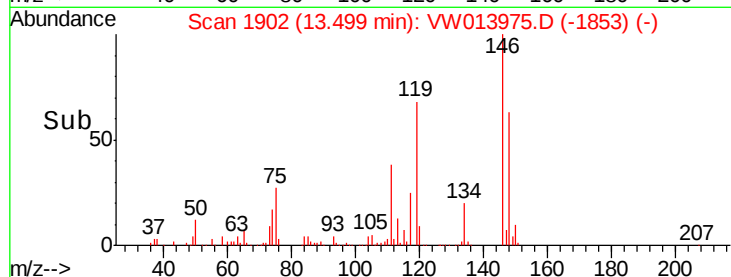
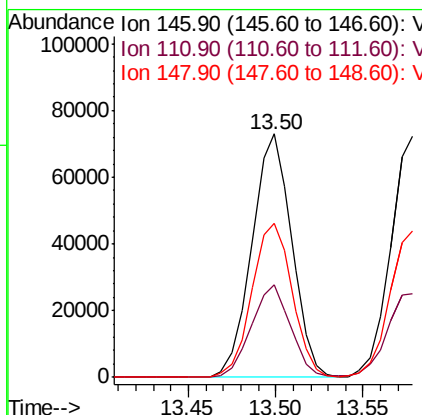
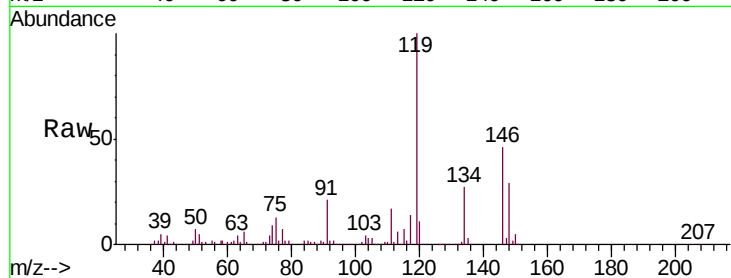




#87
 1,3-Dichlorobenzene
 Concen: 21.218 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

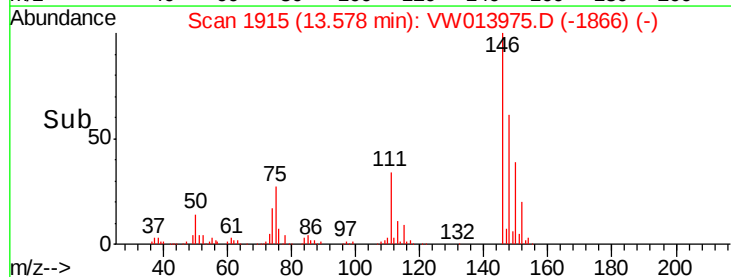
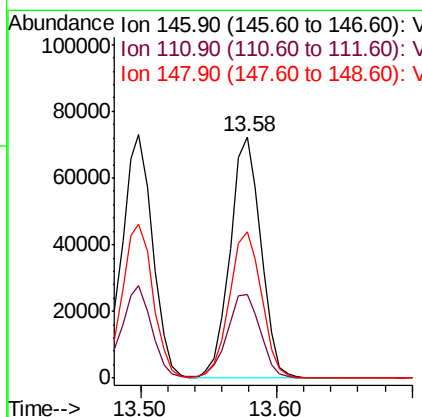
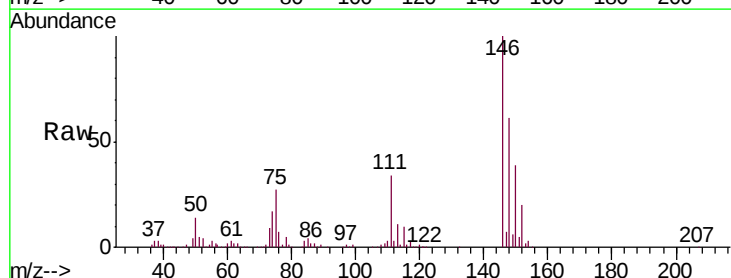
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

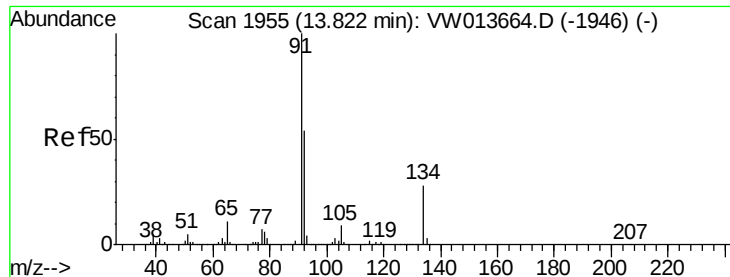
Tgt Ion:146 Resp: 115583
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 56.0
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion:146 Resp: 114149
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 20.530 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

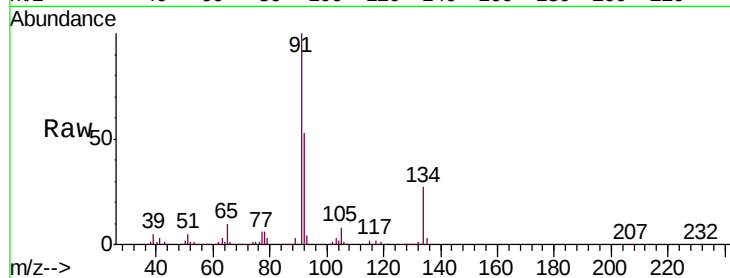
Tgt Ion: 91 Resp: 208170

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.4

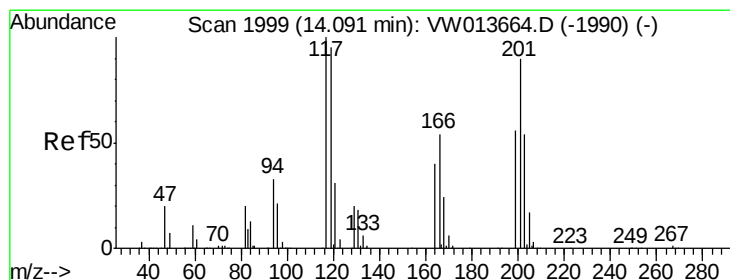
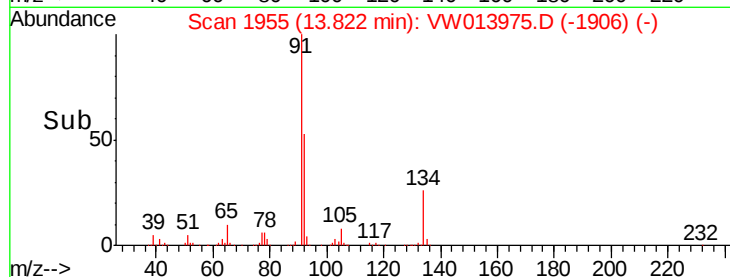
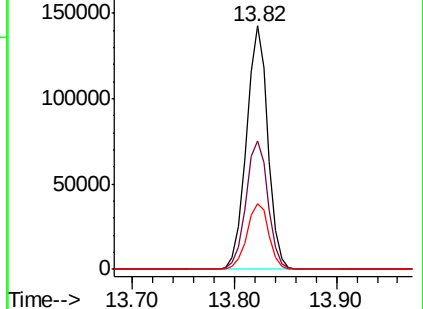
134 27.7 14.0 41.9



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: 20.443 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013975.D

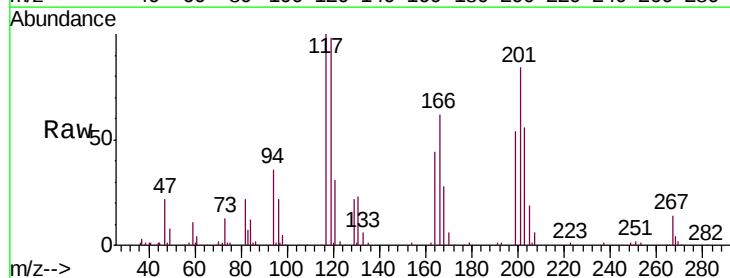
Acq: 12 Nov 2019 15:11

Tgt Ion: 117 Resp: 39916

Ion Ratio Lower Upper

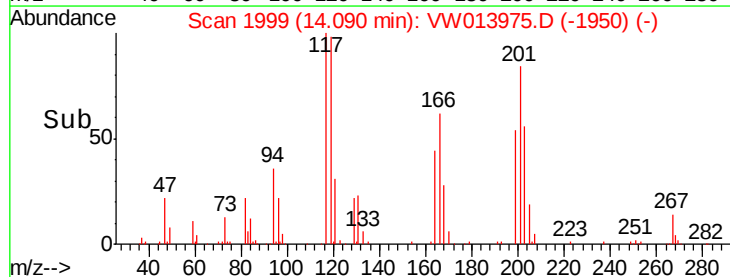
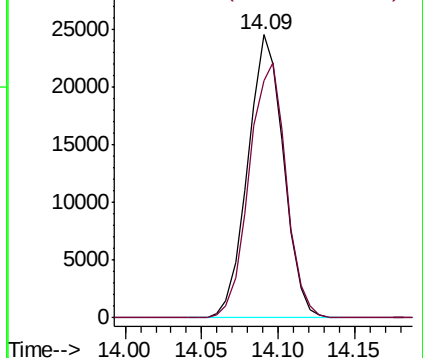
117 100

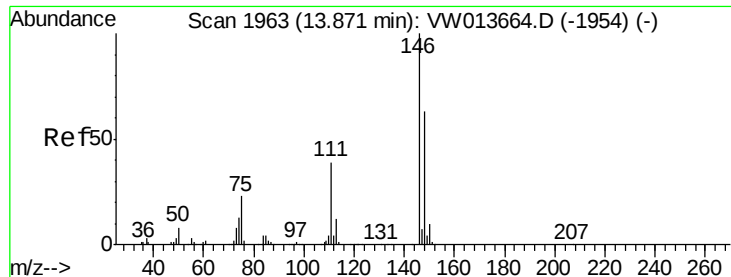
201 92.7 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.284 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

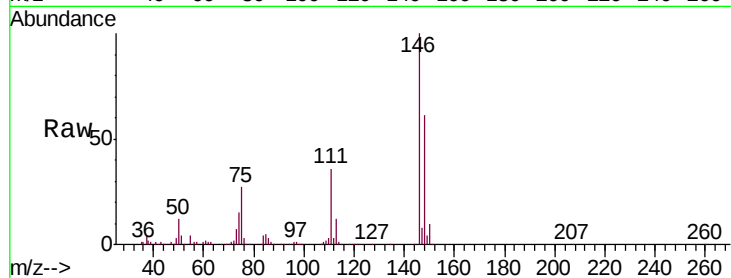
Tgt Ion:146 Resp: 100530

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.6

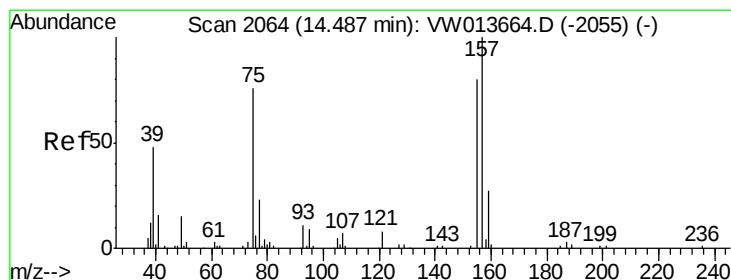
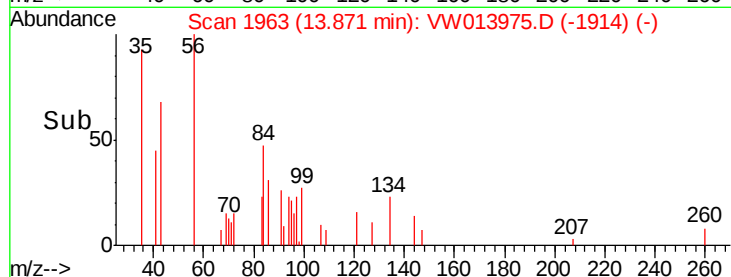
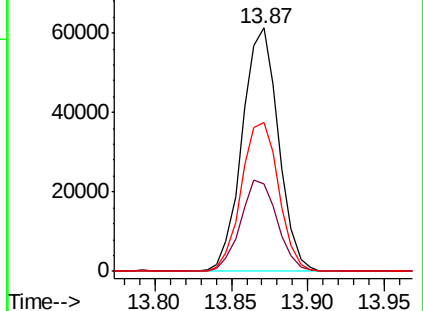
148 63.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.738 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW013975.D

Acq: 12 Nov 2019 15:11

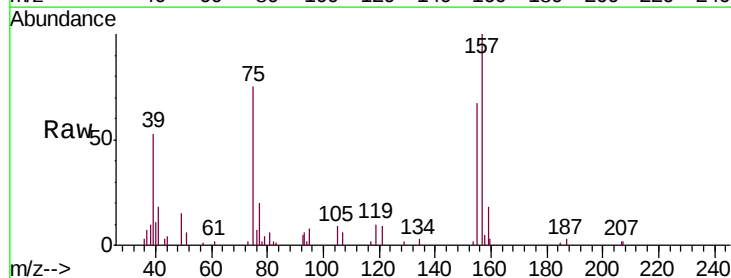
Tgt Ion: 75 Resp: 5824

Ion Ratio Lower Upper

75 100

155 101.0 51.9 155.7

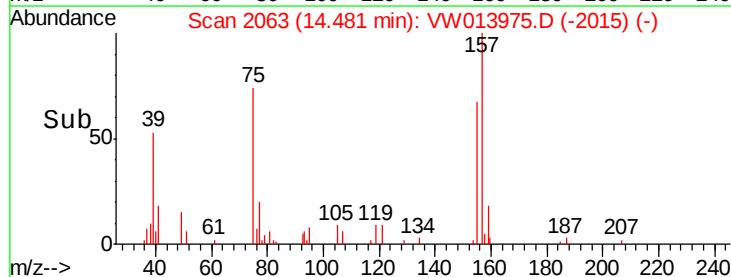
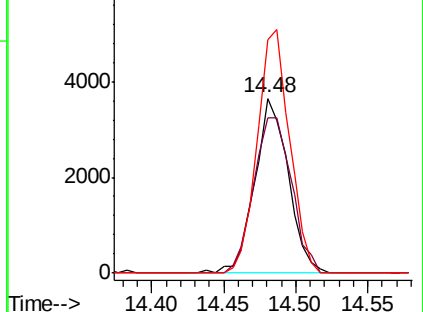
157 135.2 64.8 194.3

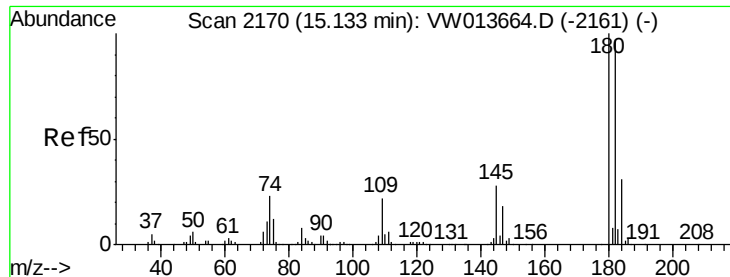


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

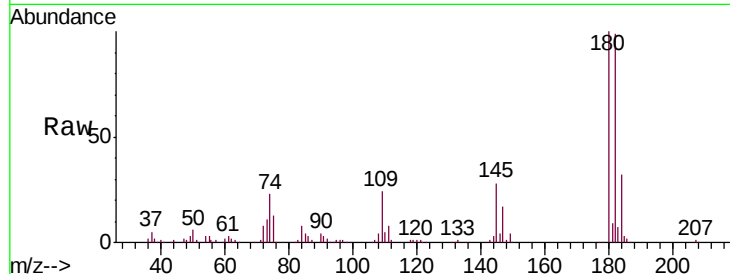




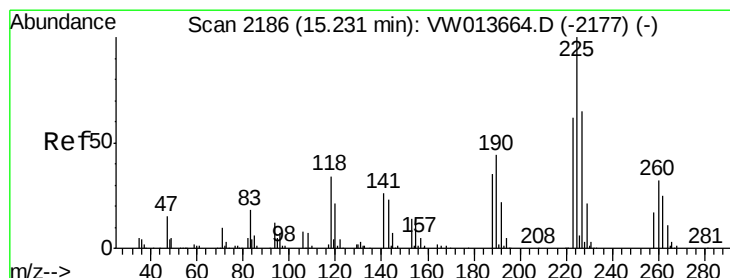
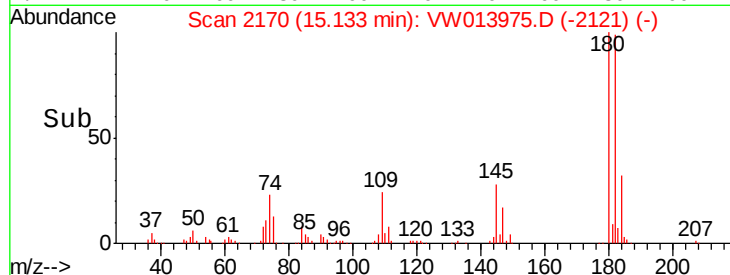
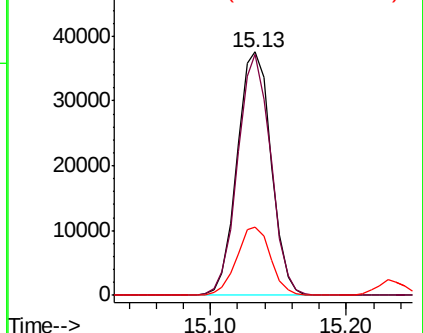
#93
 1,2,4-Trichlorobenzene
 Concen: 19.073 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

Tgt Ion:180 Resp: 65562
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 28.0 14.1 42.3

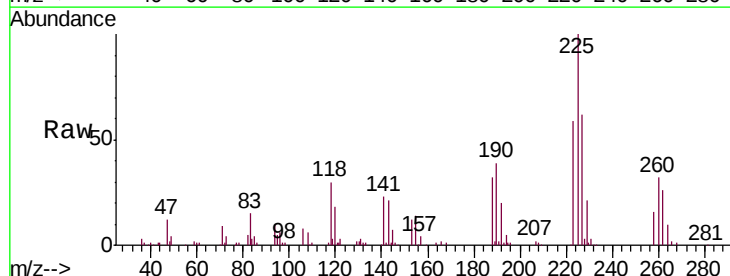


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

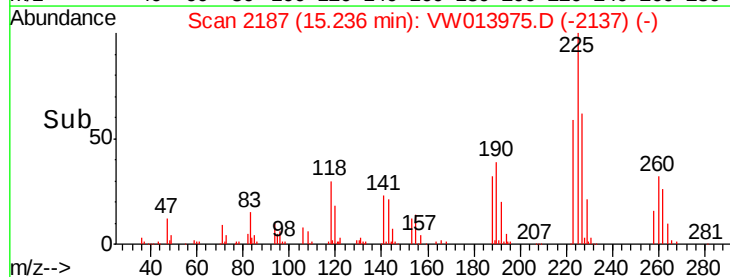
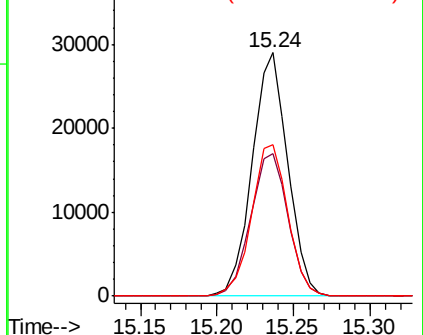


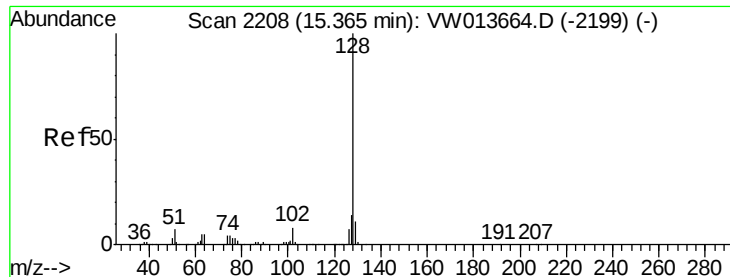
#94
 Hexachlorobutadiene
 Concen: 20.264 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013975.D
 Acq: 12 Nov 2019 15:11

Tgt Ion:225 Resp: 47024
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.9 95.9
 227 63.2 32.5 97.4



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

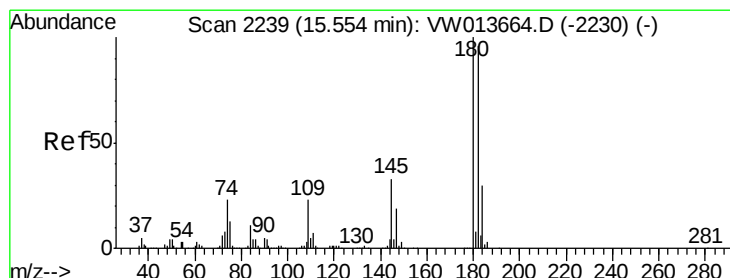
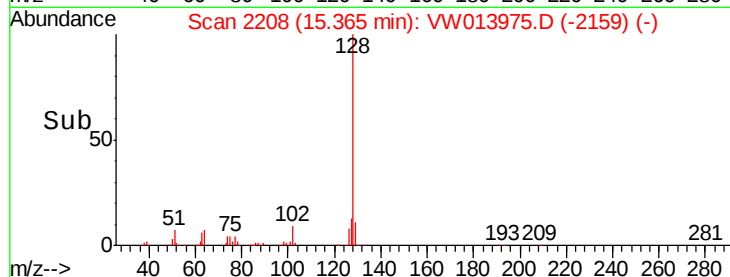
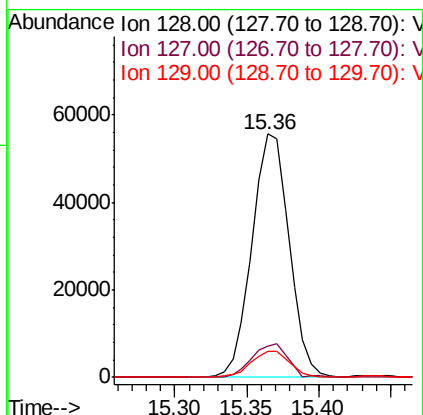
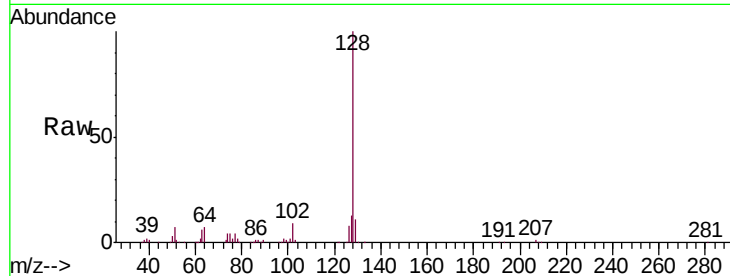




#95
Naphthalene
Concen: 18.459 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS01

Tgt Ion:128 Resp: 99481
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.680 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013975.D
Acq: 12 Nov 2019 15:11

Tgt Ion:180 Resp: 55328
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.3
145 30.7 14.9 44.9

