

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
 Data File : VW015861.D
 Acq On : 16 Jul 2020 14:43
 Operator : SY/VA
 Sample : VW0716SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Quant Time: Jul 16 17:59:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178095	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124863	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.88	113	115621	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.32	98	447663	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	163288	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	29817	22.574 ug/l	97
3) Chloromethane	2.21	50	37227	20.753 ug/l	96
4) Vinyl Chloride	2.37	62	59566	21.506 ug/l	98
5) Bromomethane	2.78	94	40524	19.122 ug/l	98
6) Chloroethane	2.92	64	38290	20.485 ug/l	98
7) Trichlorofluoromethane	3.26	101	44438	22.325 ug/l	98
8) Diethyl Ether	3.68	74	25707	20.727 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50842	21.820 ug/l	99
10) Methyl Iodide	4.27	142	72765	22.335 ug/l	99
11) Tert butyl alcohol	5.23	59	12404	88.059 ug/l #	92
12) 1,1-Dichloroethene	4.03	96	49894	21.779 ug/l	97
13) Acrolein	3.90	56	14026	78.287 ug/l	95
14) Allyl chloride	4.67	41	79034	21.225 ug/l	97
15) Acrylonitrile	5.38	53	49570	102.225 ug/l	99
16) Acetone	4.14	43	45548	94.256 ug/l	100
17) Carbon Disulfide	4.37	76	144404	21.189 ug/l	99
18) Methyl Acetate	4.68	43	21750	19.778 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	70143	20.457 ug/l	98
20) Methylene Chloride	4.91	84	85214	32.756 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55716	20.997 ug/l	97
22) Diisopropyl ether	6.31	45	158063	21.065 ug/l	95
23) Vinyl Acetate	6.26	43	448591	100.512 ug/l	99
24) 1,1-Dichloroethane	6.21	63	99573	20.959 ug/l	98
25) 2-Butanone	7.18	43	64464	98.277 ug/l	97
26) 2,2-Dichloropropane	7.17	77	64099	21.507 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	58257	20.447 ug/l	97
28) Bromochloromethane	7.51	49	42834	22.743 ug/l	98
29) Tetrahydrofuran	7.54	42	40039	100.589 ug/l	98
30) Chloroform	7.68	83	99375	20.463 ug/l	99
31) Cyclohexane	7.96	56	95257	21.305 ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	84399	20.726 ug/l	100
36) 1,1-Dichloropropene	8.09	75	81315	20.648 ug/l	100
37) Ethyl Acetate	7.26	43	29468	19.258 ug/l	98
38) Carbon Tetrachloride	8.07	117	77607	20.366 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95856	20.628	ug/l	100
40) Benzene	8.32	78	224554	20.816	ug/l	100
41) Methacrylonitrile	7.48	41	18106	20.842	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67527	20.113	ug/l	99
43) Isopropyl Acetate	8.43	43	57390	19.214	ug/l	98
44) Trichloroethene	9.09	130	58171	20.387	ug/l	92
45) 1,2-Dichloropropane	9.37	63	54399	20.516	ug/l	100
46) Dibromomethane	9.46	93	27501	20.145	ug/l	99
47) Bromodichloromethane	9.65	83	71311	20.196	ug/l	100
48) Methyl methacrylate	9.44	41	26939	19.680	ug/l	98
49) 1,4-Dioxane	9.48	88	6658	394.494	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	142803	97.977	ug/l	100
52) Toluene	10.39	92	142719	20.559	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	65763	19.411	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79921	19.721	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38515	20.347	ug/l	95
56) Ethyl methacrylate	10.65	69	46152	19.832	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68477	20.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	119720	105.284	ug/l	99
59) 2-Hexanone	10.97	43	95537	98.221	ug/l	99
60) Dibromochloromethane	11.13	129	42766	19.562	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36218	19.996	ug/l	97
64) Tetrachloroethene	10.87	164	47620	20.799	ug/l	95
65) Chlorobenzene	11.66	112	147472	20.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50752	20.271	ug/l	100
67) Ethyl Benzene	11.73	91	270634	20.656	ug/l	99
68) m/p-Xylenes	11.84	106	207259	42.111	ug/l	99
69) o-Xylene	12.17	106	93308	20.769	ug/l	100
70) Styrene	12.18	104	160514	20.765	ug/l	99
71) Bromoform	12.35	173	22437	19.633	ug/l #	97
73) Isopropylbenzene	12.47	105	259520	20.684	ug/l	99
74) N-amyl acetate	12.27	43	53265	19.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43666	20.946	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54920	35.088	ug/l	33
77) Bromobenzene	12.75	156	58221	20.695	ug/l	99
78) n-propylbenzene	12.80	91	326619	21.447	ug/l	99
79) 2-Chlorotoluene	12.90	91	184806	21.280	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	226014	21.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12244	20.137	ug/l	95
82) 4-Chlorotoluene	12.99	91	193596	21.347	ug/l	99
83) tert-Butylbenzene	13.21	119	188060	21.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226715	21.230	ug/l	100
85) sec-Butylbenzene	13.38	105	273685	21.346	ug/l	100
86) p-Isopropyltoluene	13.50	119	249695	21.327	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117369	20.812	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118716	21.504	ug/l	99
89) n-Butylbenzene	13.82	91	242631	21.656	ug/l	99
90) Hexachloroethane	14.10	117	43032	20.278	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102139	20.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6841	20.538	ug/l	98

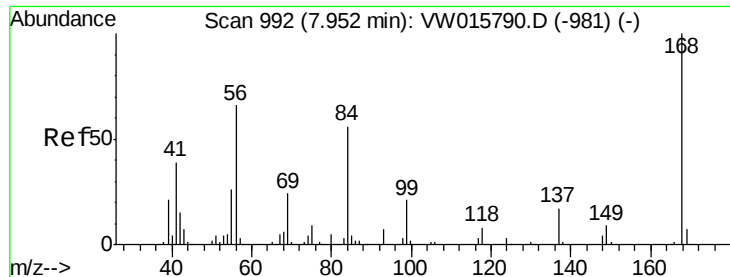
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
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Acq On : 16 Jul 2020 14:43
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68171	22.132	ug/l	99
94) Hexachlorobutadiene	15.24	225	41303	21.119	ug/l	97
95) Naphthalene	15.37	128	109796	20.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58095	22.165	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

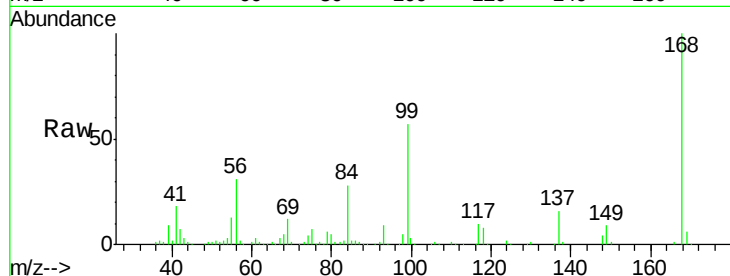
VW0716SBS01

Tgt Ion:168 Resp: 250803

Ion Ratio Lower Upper

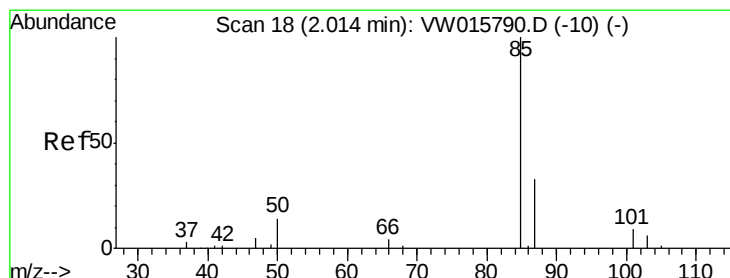
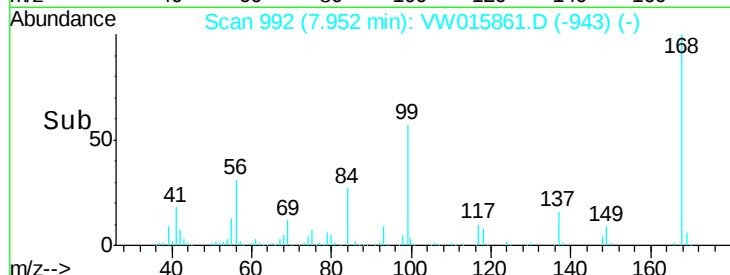
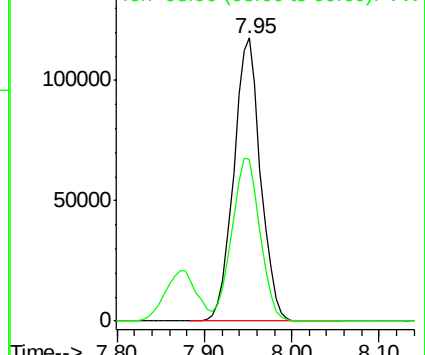
168 100

99 57.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.574 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015861.D

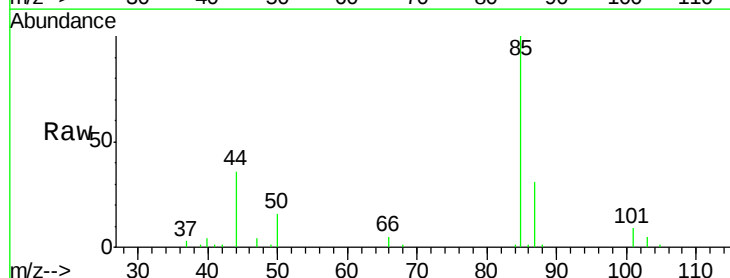
Acq: 16 Jul 2020 14:43

Tgt Ion: 85 Resp: 29817

Ion Ratio Lower Upper

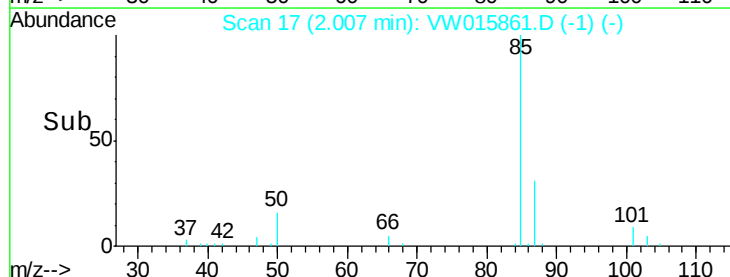
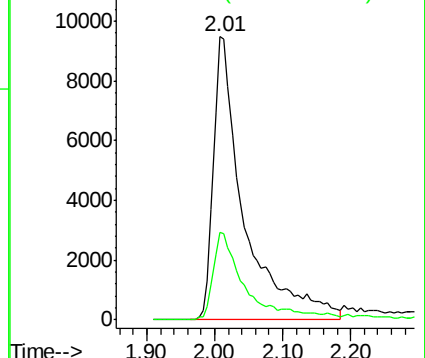
85 100

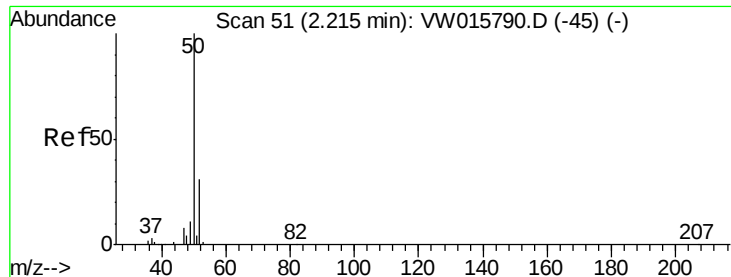
87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.753 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

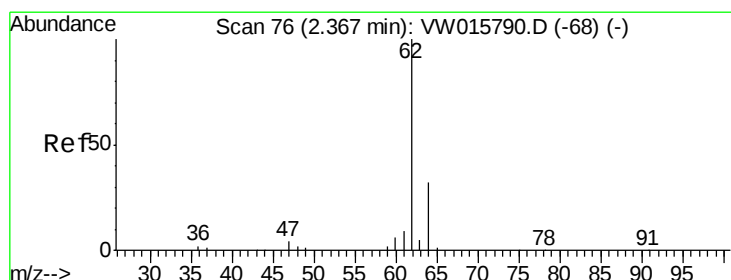
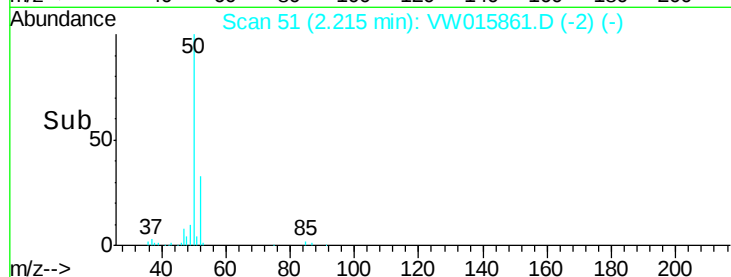
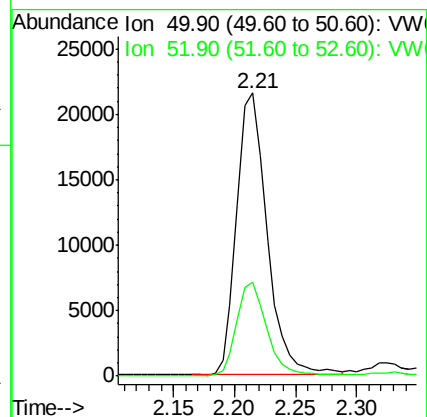
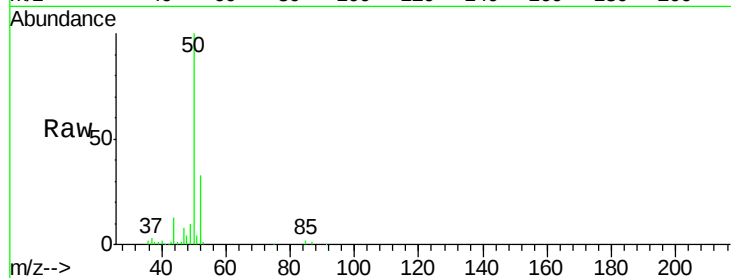
VW0716SBS01

Tgt Ion: 50 Resp: 37227

Ion Ratio Lower Upper

50 100

52 33.6 25.2 37.8



#4

Vinyl Chloride

Concen: 21.506 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015861.D

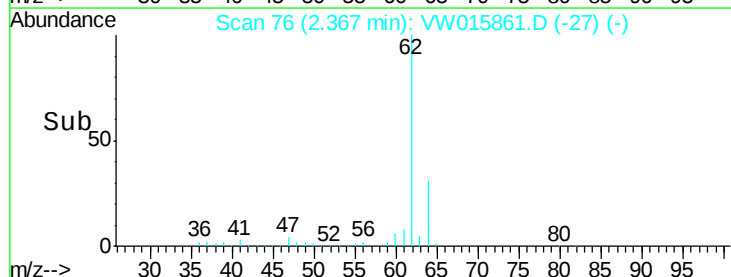
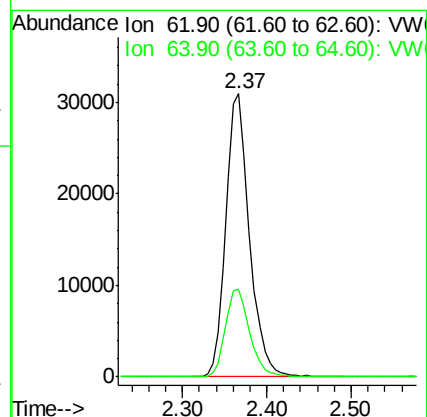
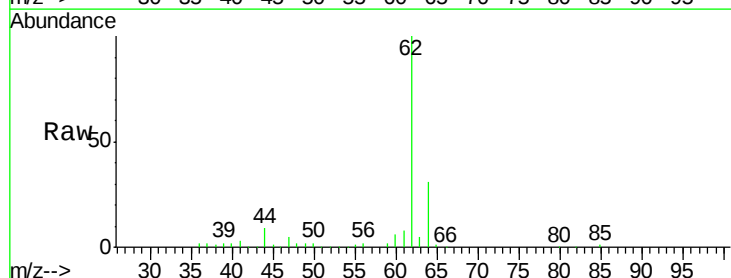
Acq: 16 Jul 2020 14:43

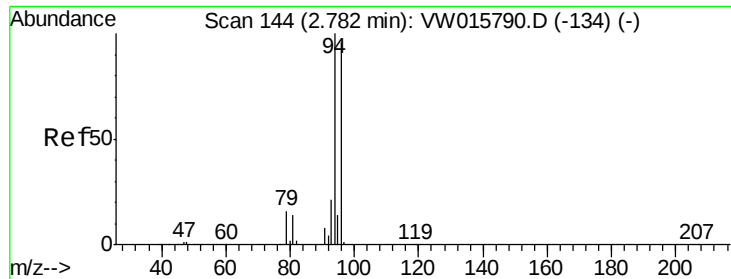
Tgt Ion: 62 Resp: 59566

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 19.122 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

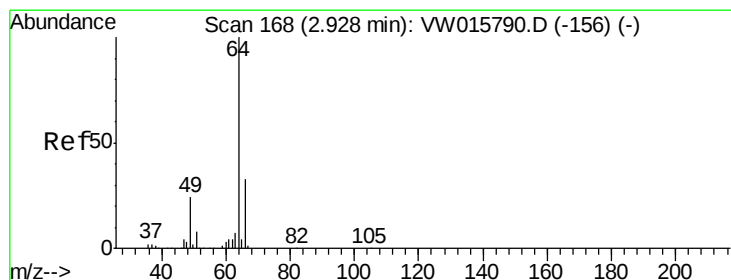
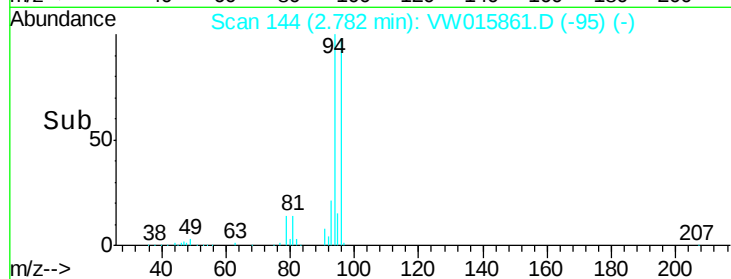
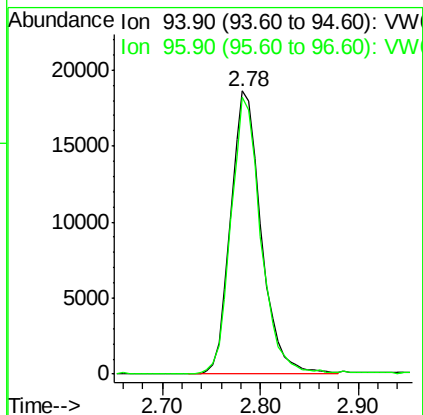
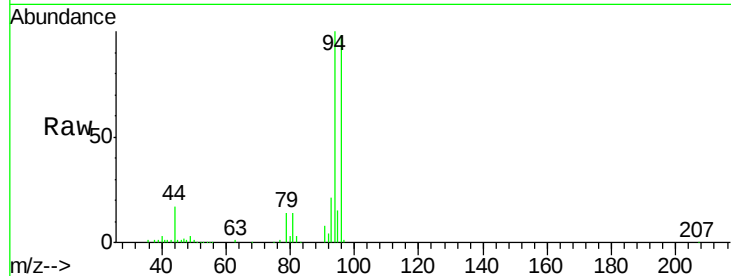
VW0716SBS01

Tgt Ion: 94 Resp: 40524

Ion Ratio Lower Upper

94 100

96 97.8 76.7 115.1



#6

Chloroethane

Concen: 20.485 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015861.D

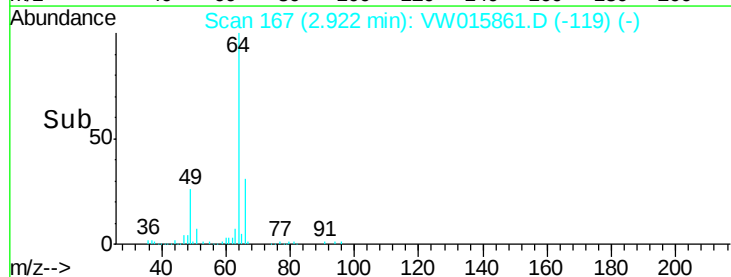
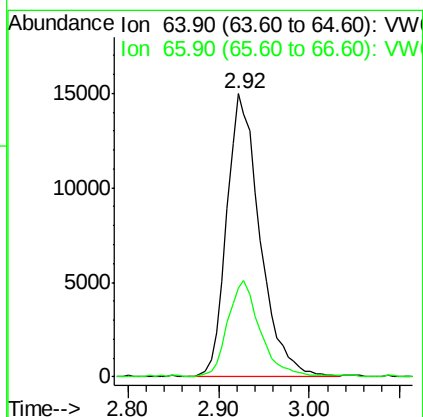
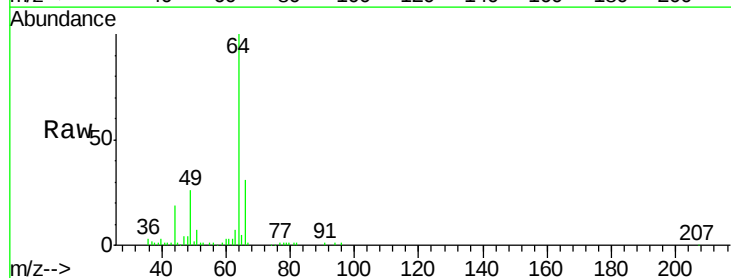
Acq: 16 Jul 2020 14:43

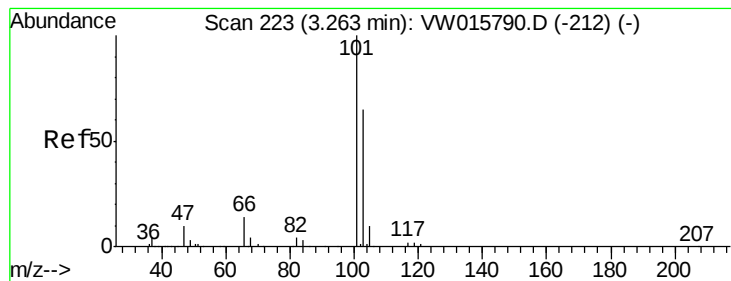
Tgt Ion: 64 Resp: 38290

Ion Ratio Lower Upper

64 100

66 31.3 26.0 39.0



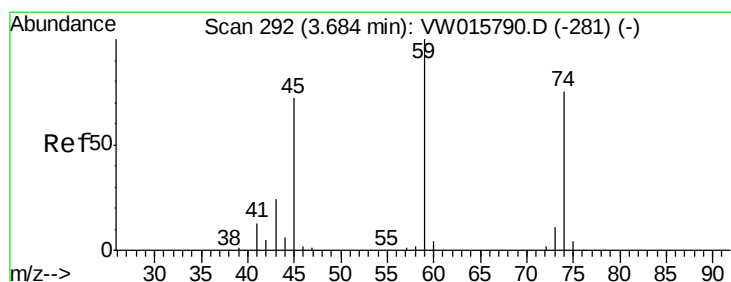
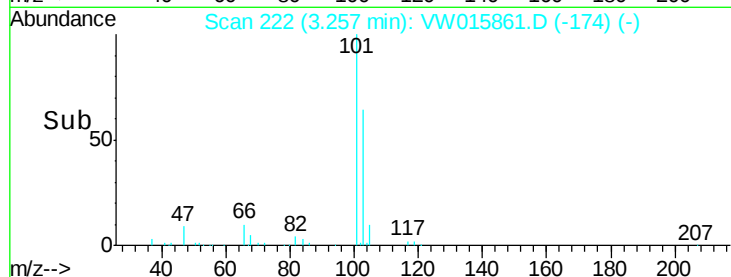
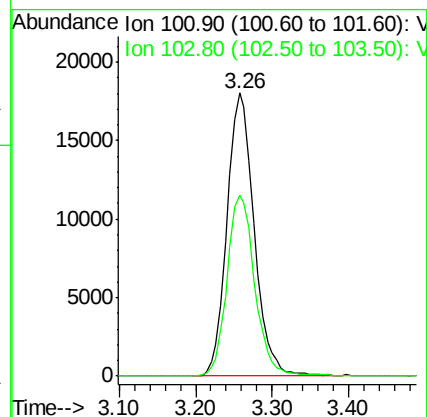
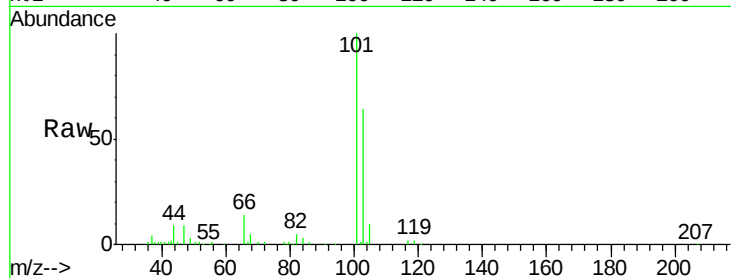


#7

Trichlorofluoromethane
 Concen: 22.325 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

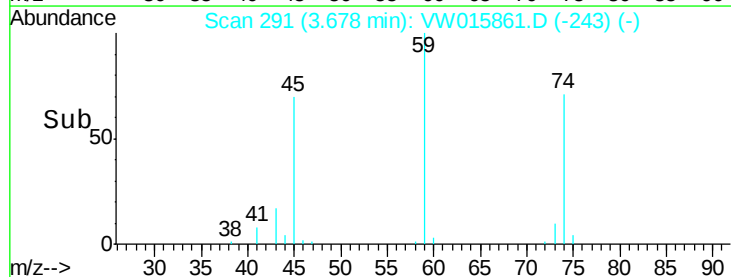
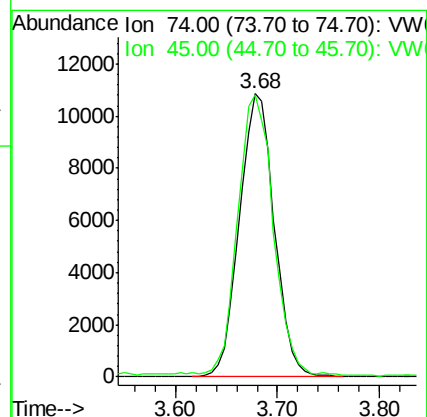
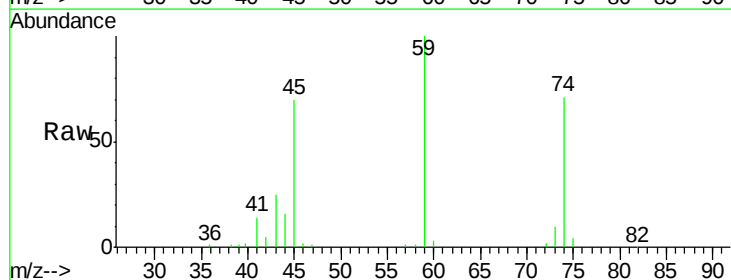
Tgt Ion:101 Resp: 44438
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

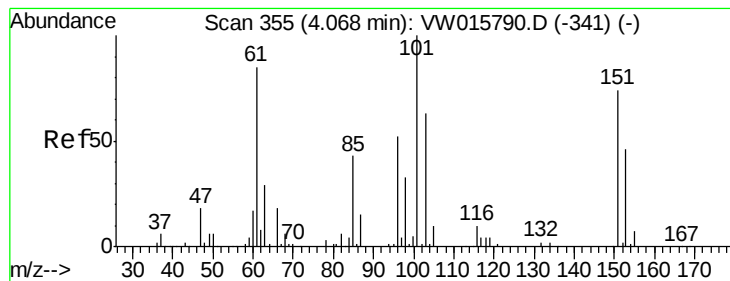


#8

Diethyl Ether
 Concen: 20.727 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 74 Resp: 25707
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.820 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

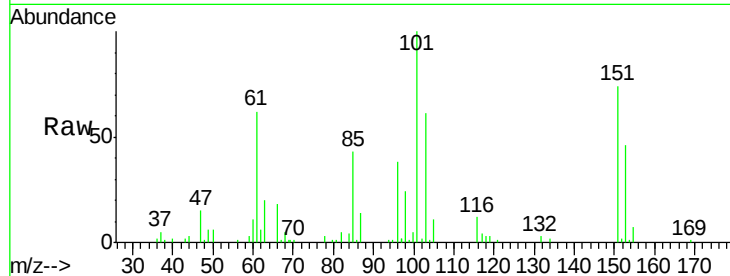
Tgt Ion:101 Resp: 50842

Ion Ratio Lower Upper

101 100

85 44.6 36.1 54.1

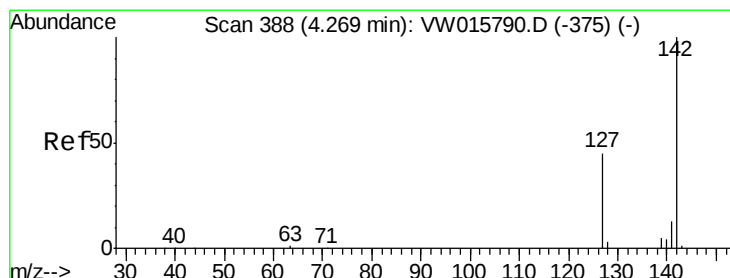
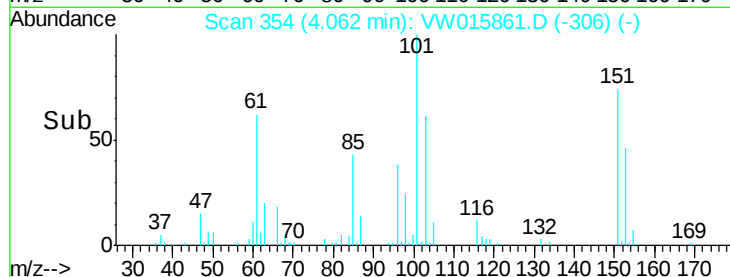
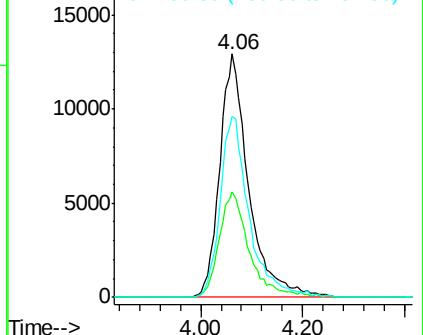
151 74.1 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.335 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

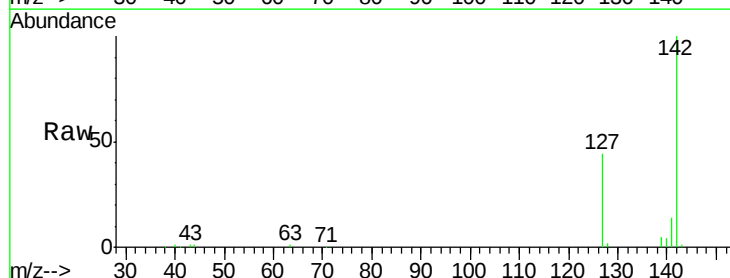
Tgt Ion:142 Resp: 72765

Ion Ratio Lower Upper

142 100

127 44.5 36.1 54.1

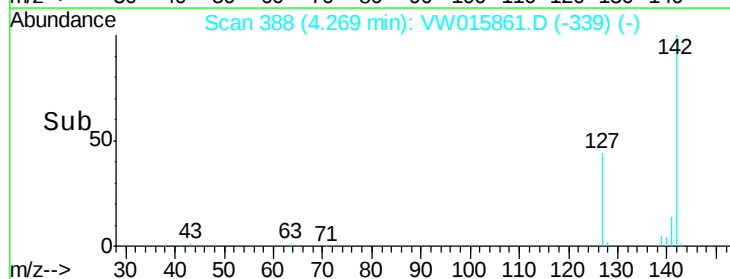
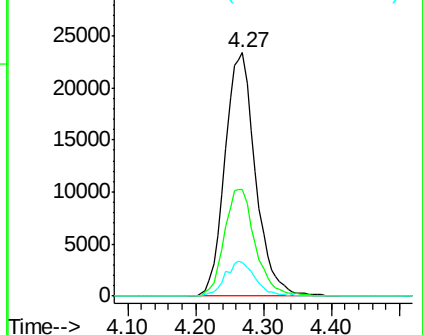
141 14.0 11.7 17.5

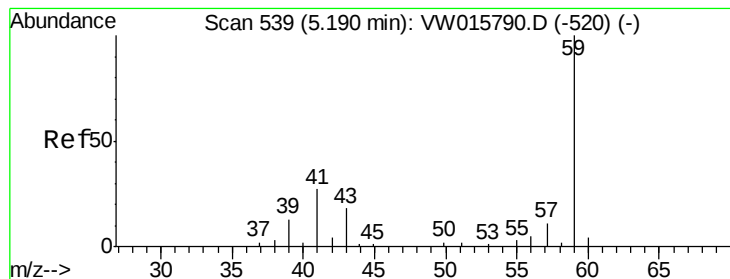


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 88.059 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.04 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampled :

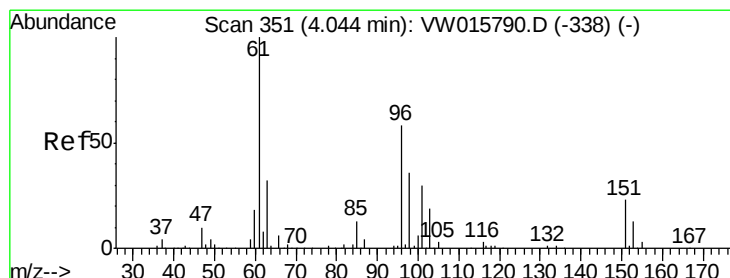
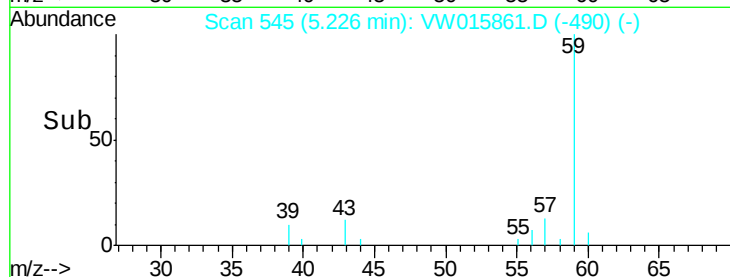
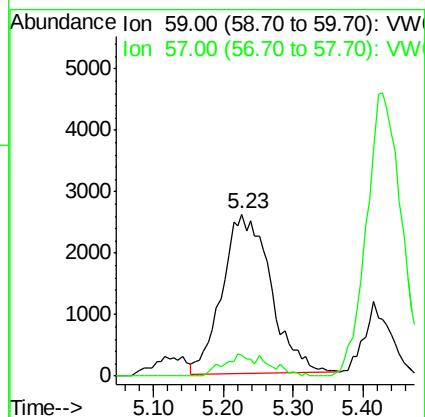
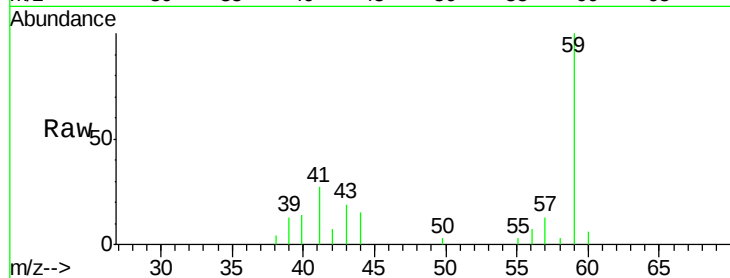
VW0716SBS01

Tgt Ion: 59 Resp: 12404

Ion Ratio Lower Upper

59 100

57 7.9 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 21.779 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

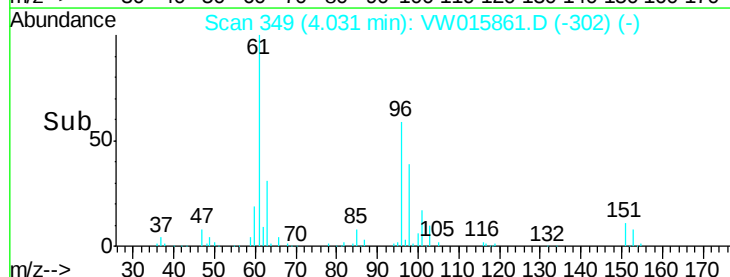
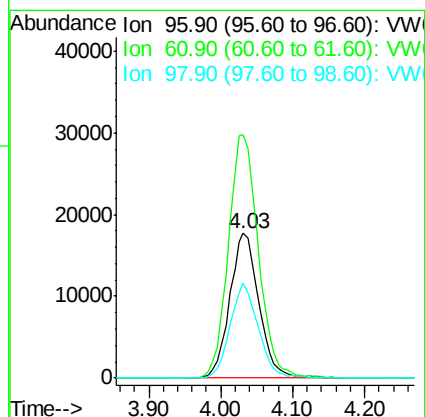
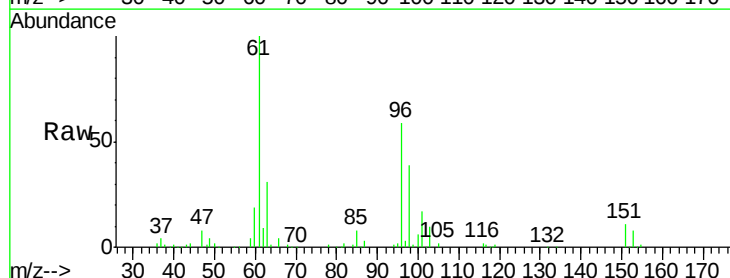
Tgt Ion: 96 Resp: 49894

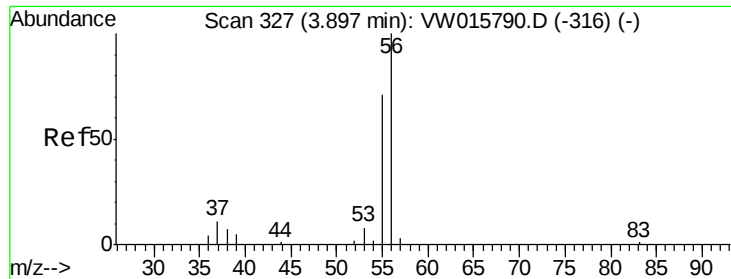
Ion Ratio Lower Upper

96 100

61 168.5 137.0 205.4

98 66.2 49.3 73.9





#13

Acrolein

Concen: 78.287 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

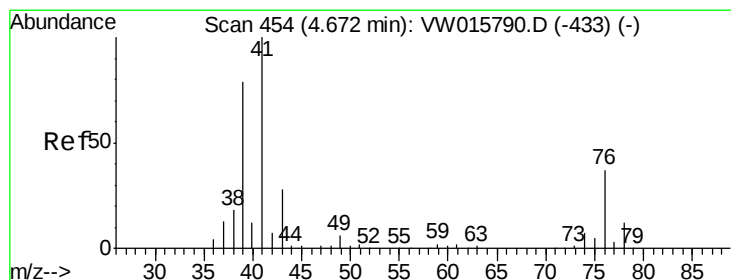
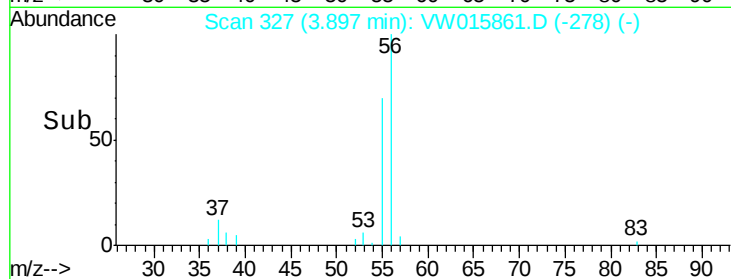
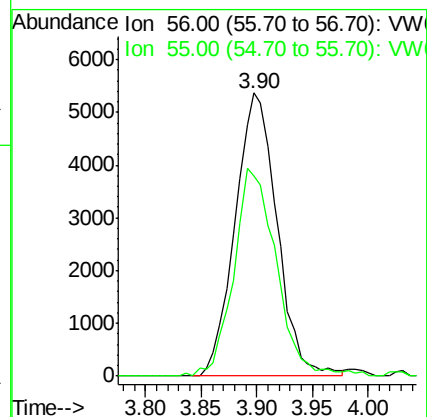
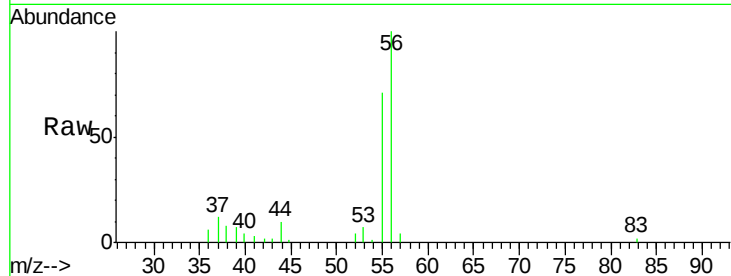
VW0716SBS01

Tgt Ion: 56 Resp: 14026

Ion Ratio Lower Upper

56 100

55 74.0 55.8 83.6



#14

Allyl chloride

Concen: 21.225 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

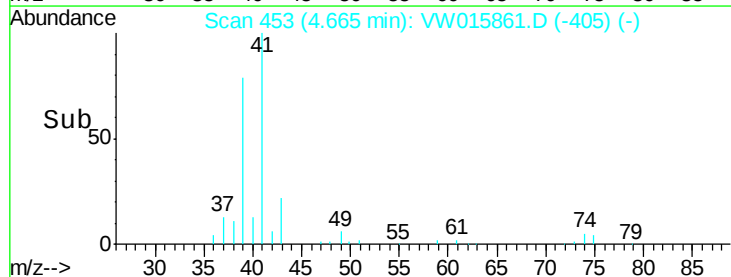
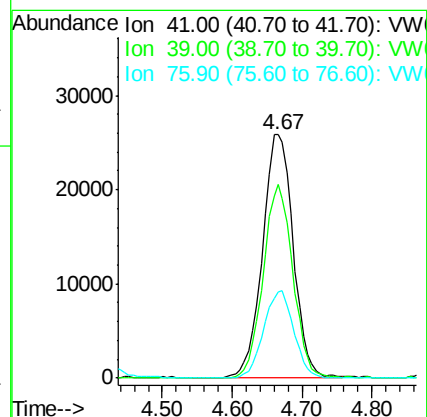
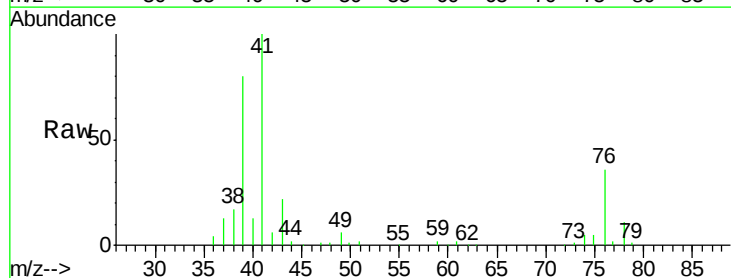
Tgt Ion: 41 Resp: 79034

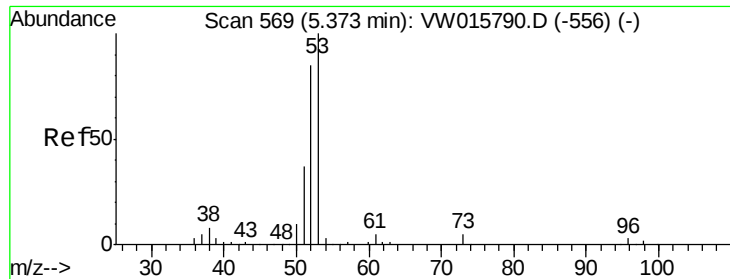
Ion Ratio Lower Upper

41 100

39 76.7 64.0 96.0

76 35.0 28.9 43.3





#15

Acrylonitrile

Concen: 102.225 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

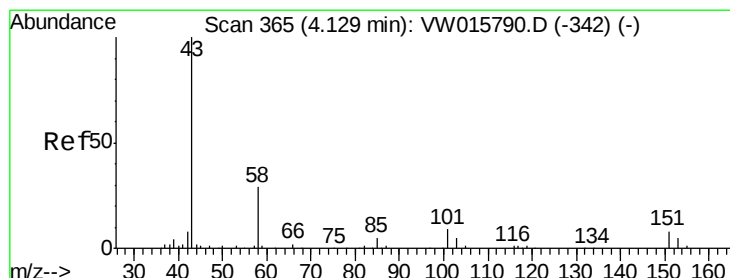
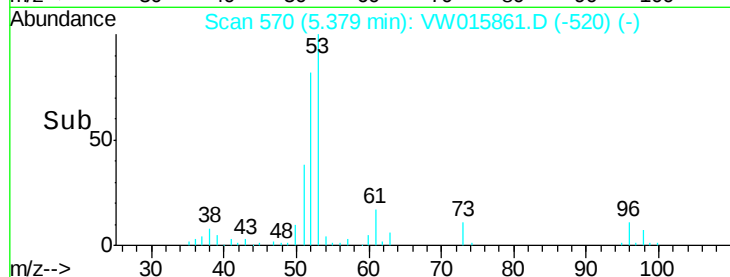
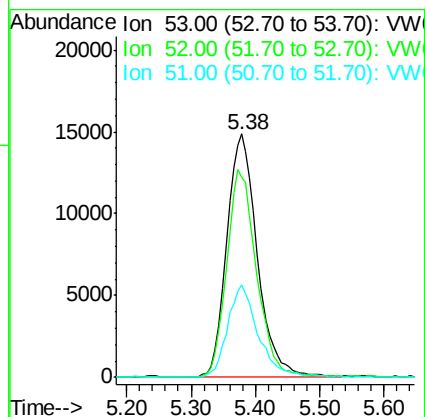
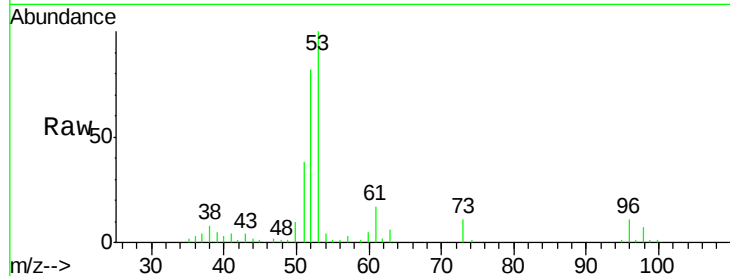
Tgt Ion: 53 Resp: 49570

Ion Ratio Lower Upper

53 100

52 83.6 65.8 98.8

51 37.5 30.2 45.2



#16

Acetone

Concen: 94.256 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015861.D

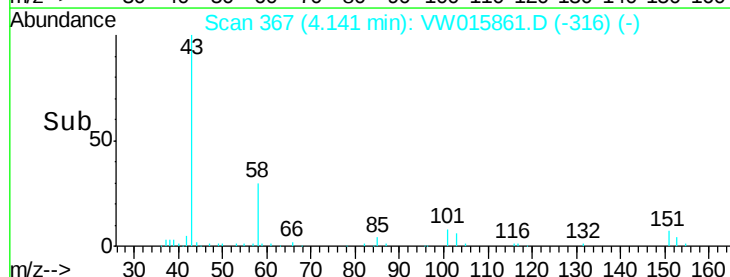
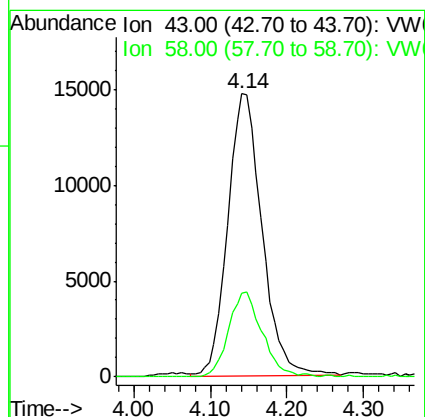
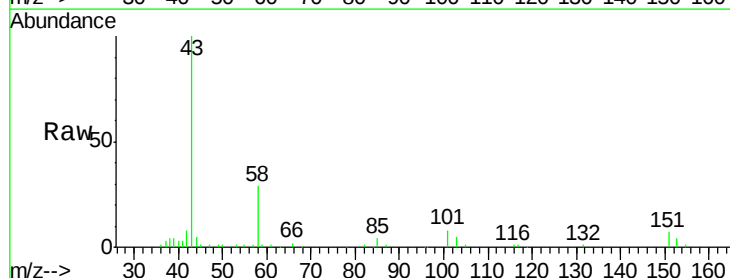
Acq: 16 Jul 2020 14:43

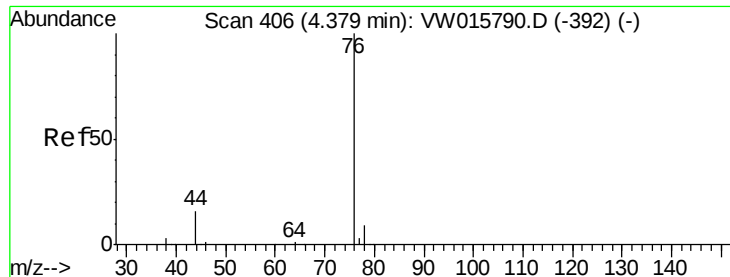
Tgt Ion: 43 Resp: 45548

Ion Ratio Lower Upper

43 100

58 29.6 23.5 35.3

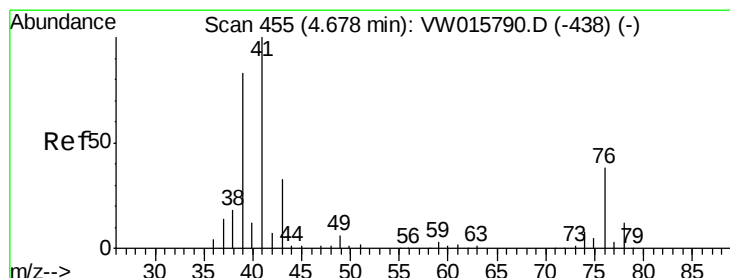
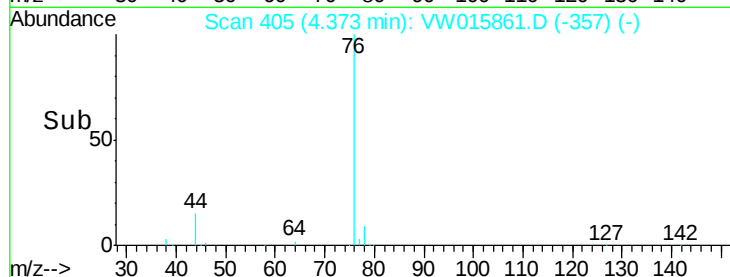
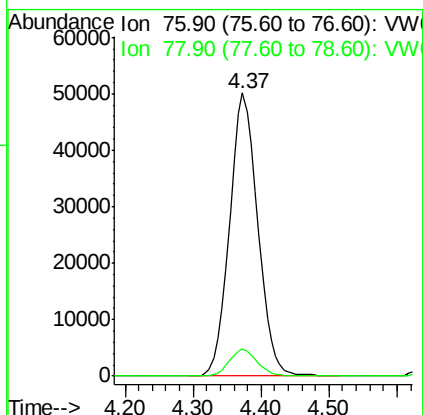
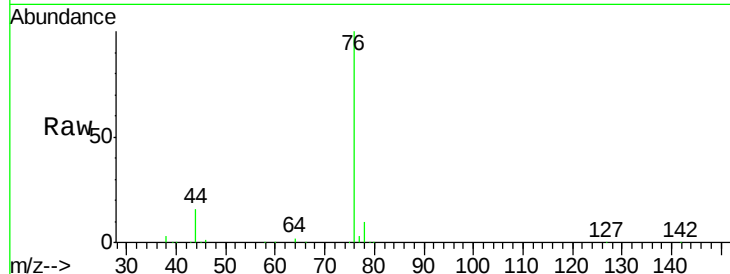




#17
Carbon Disulfide
Concen: 21.189 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

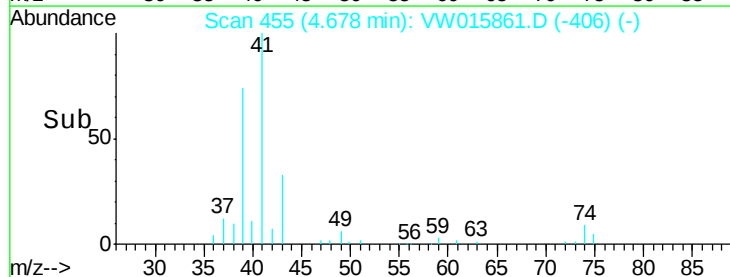
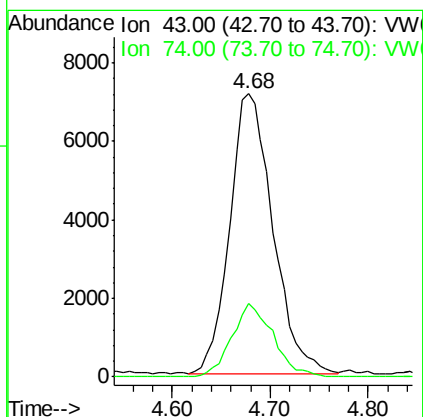
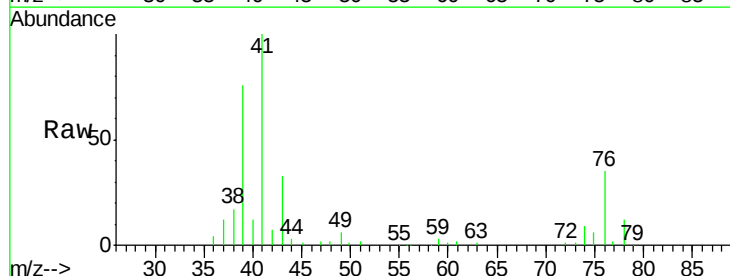
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

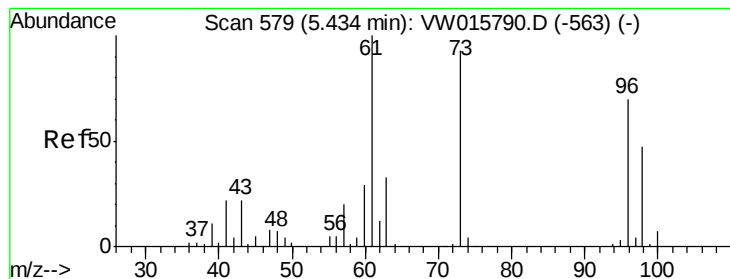
Tgt Ion: 76 Resp: 144404
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.778 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 43 Resp: 21750
Ion Ratio Lower Upper
43 100
74 25.3 19.2 28.8



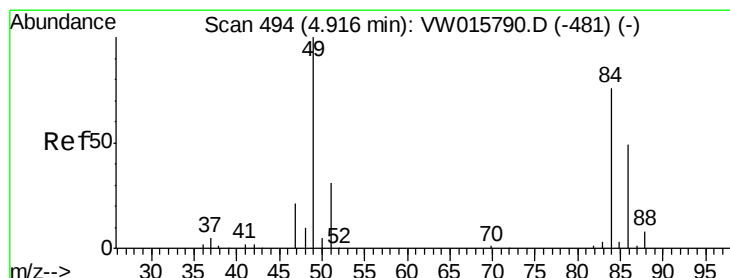
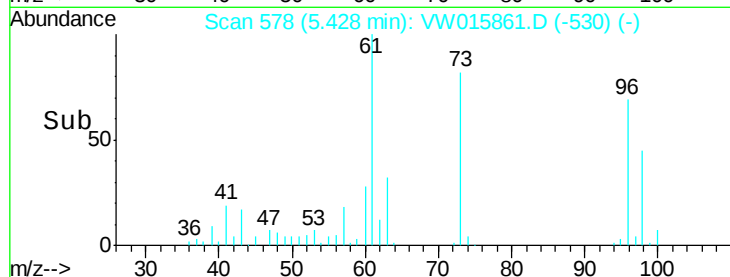
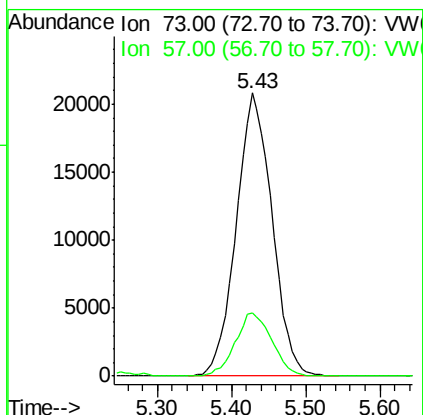
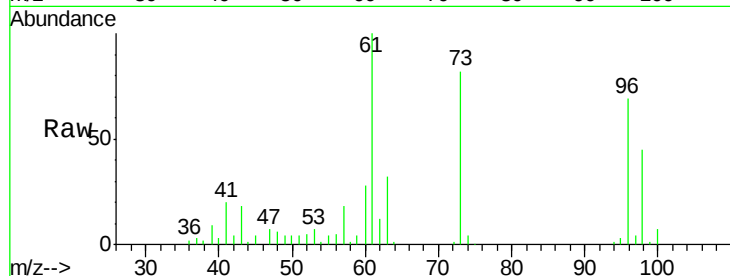


#19

Methyl tert-butyl Ether
 Concen: 20.457 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

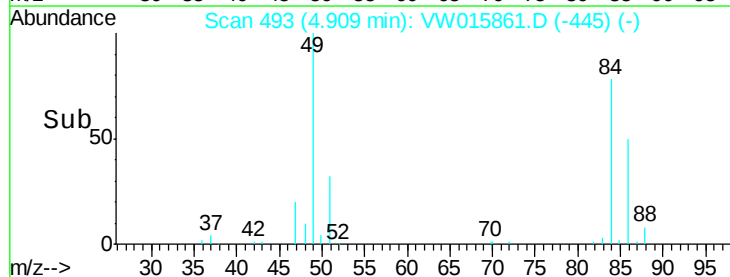
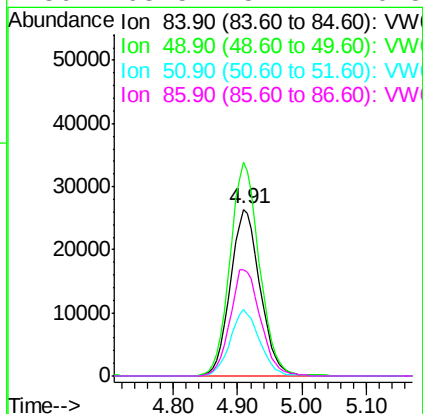
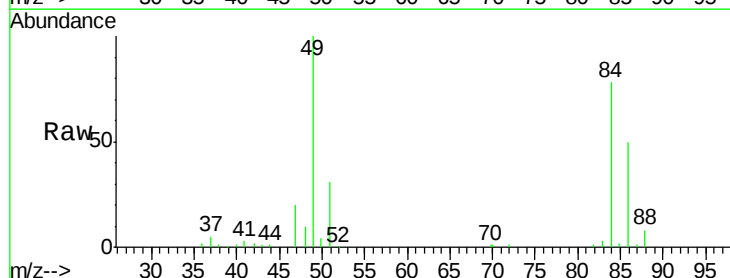
Tgt Ion: 73 Resp: 70143
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.8 25.2

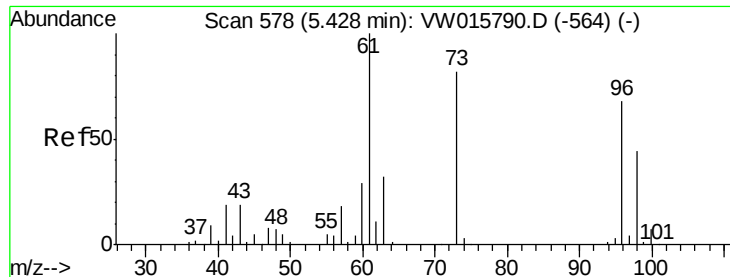


#20

Methylene Chloride
 Concen: 32.756 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 84 Resp: 85214
 Ion Ratio Lower Upper
 84 100
 49 127.9 105.0 157.6
 51 40.2 32.3 48.5
 86 63.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.997 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

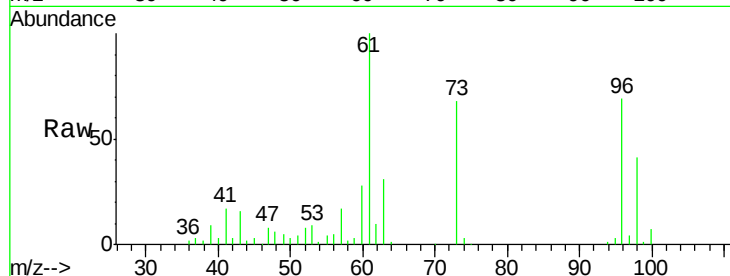
Tgt Ion: 96 Resp: 55716

Ion Ratio Lower Upper

96 100

61 145.9 118.1 177.1

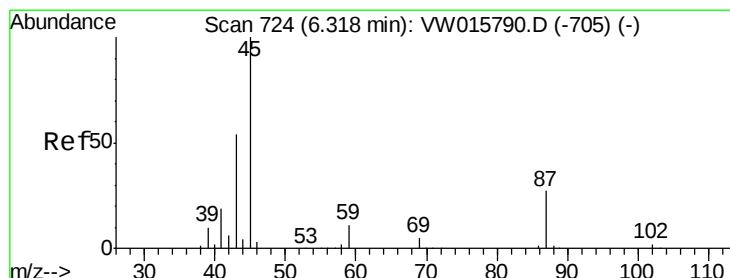
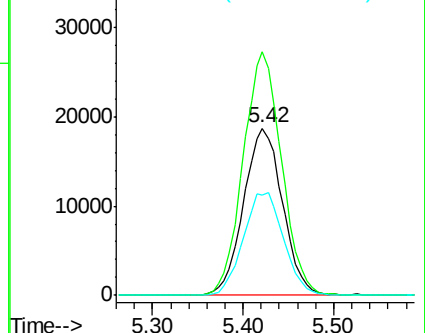
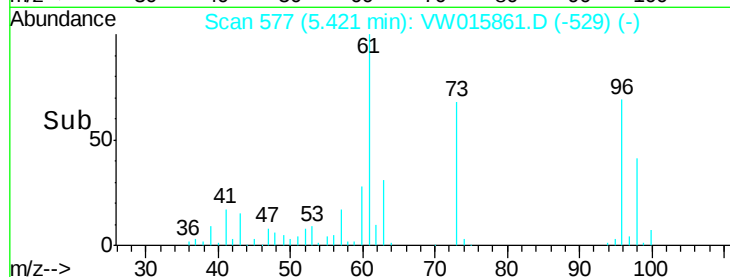
98 60.3 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.065 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Tgt Ion: 45 Resp: 158063

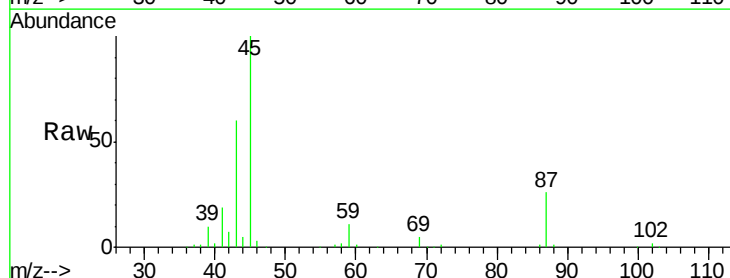
Ion Ratio Lower Upper

45 100

43 59.6 43.8 65.6

87 26.1 22.1 33.1

59 11.2 8.9 13.3

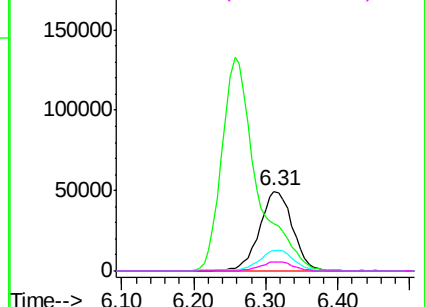
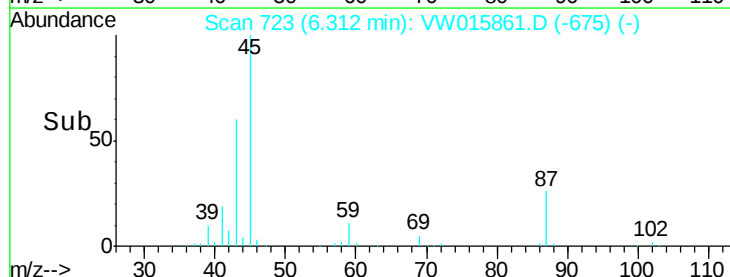


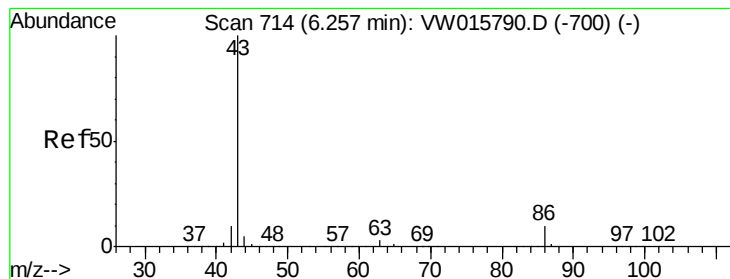
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 100.512 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

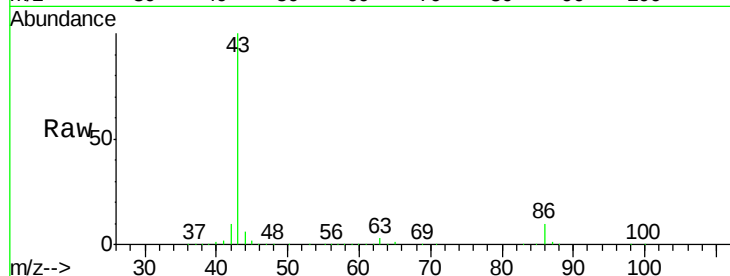
VW0716SBS01

Tgt Ion: 43 Resp: 448591

Ion Ratio Lower Upper

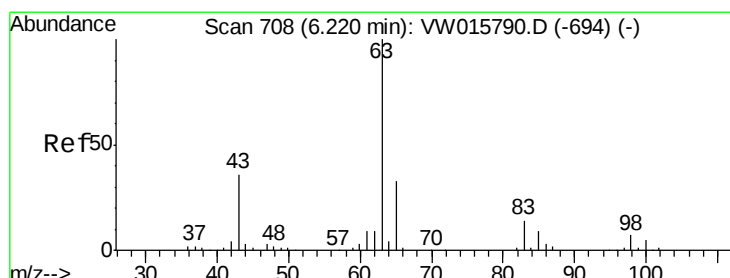
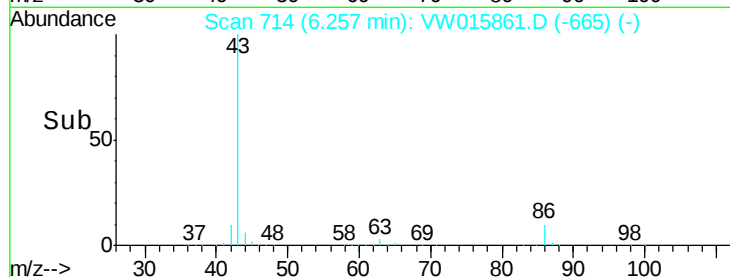
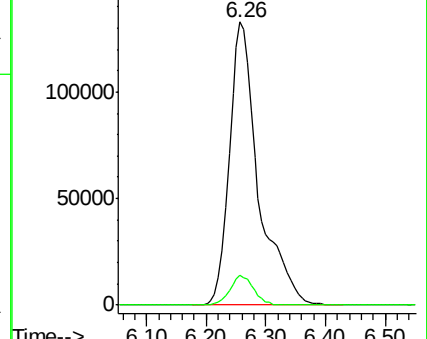
43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.959 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

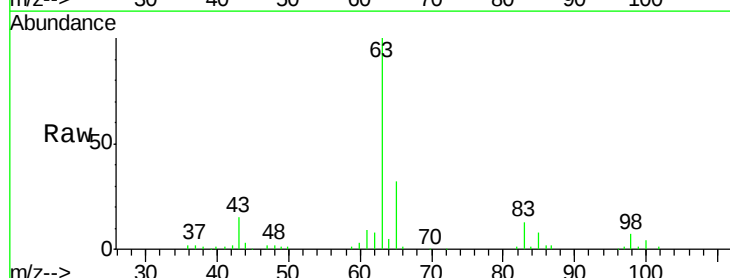
Tgt Ion: 63 Resp: 99573

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

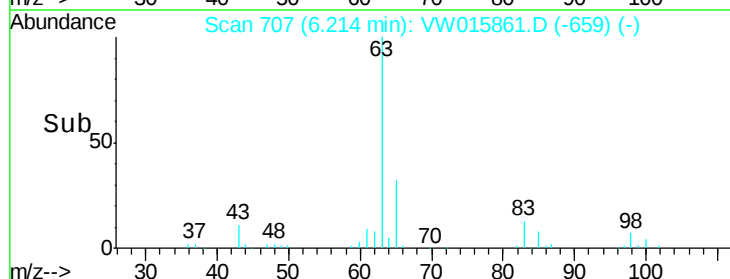
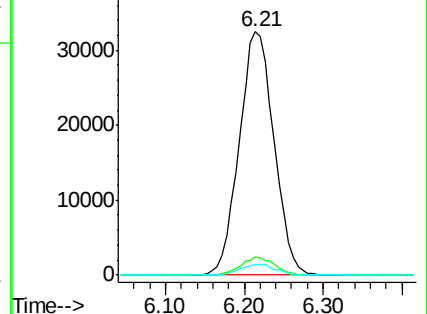
100 4.2 2.4 7.1

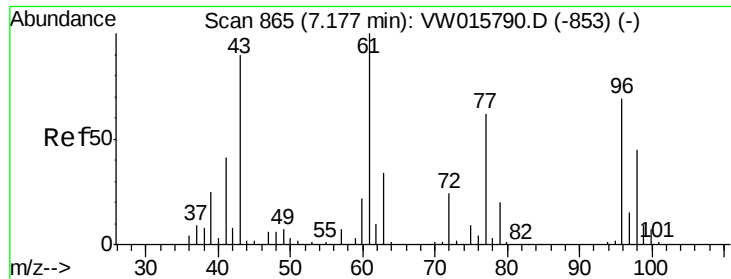


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 98.277 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampled :

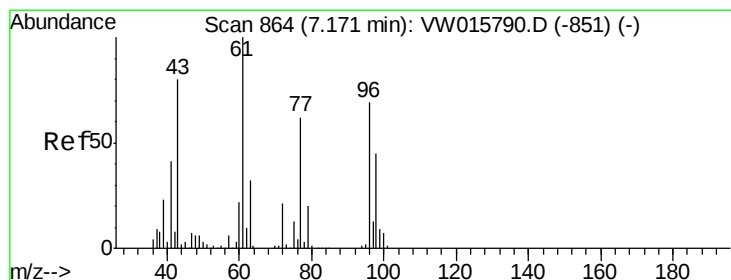
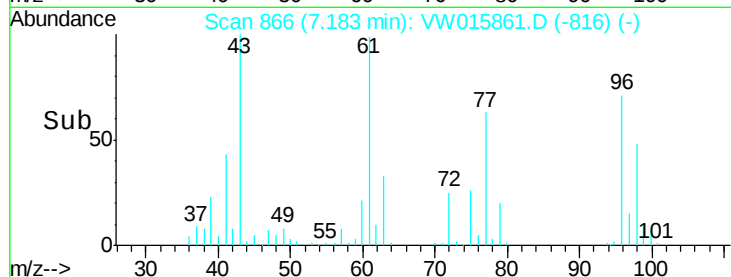
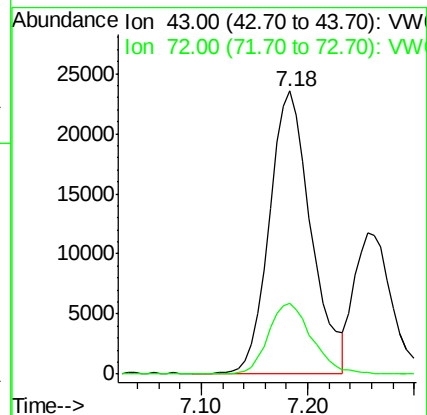
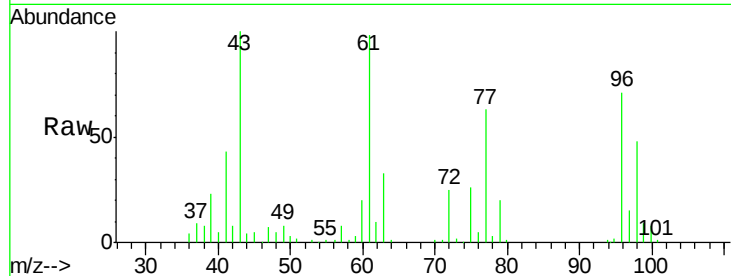
VW0716SBS01

Tgt Ion: 43 Resp: 64464

Ion Ratio Lower Upper

43 100

72 25.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.507 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015861.D

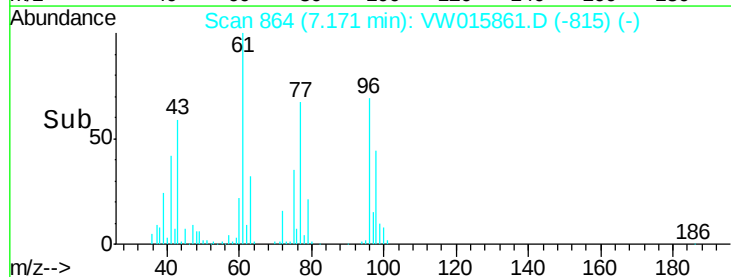
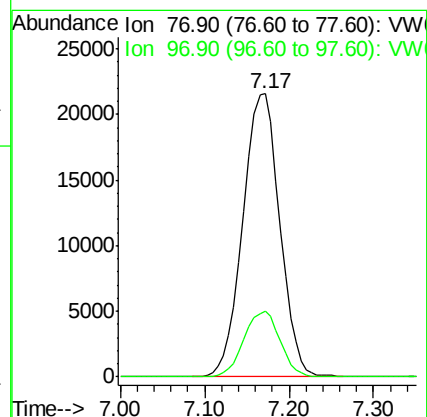
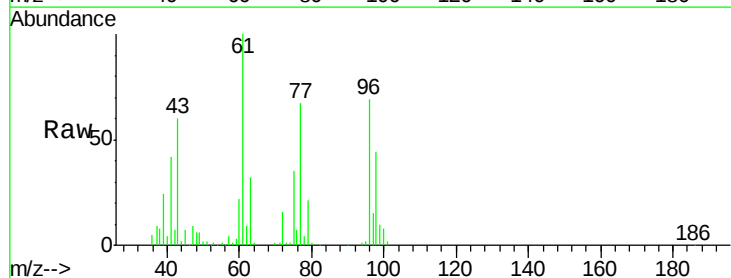
Acq: 16 Jul 2020 14:43

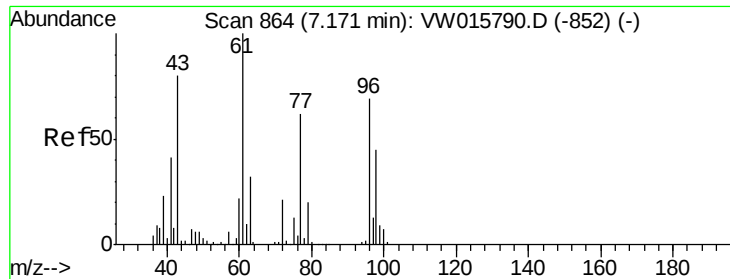
Tgt Ion: 77 Resp: 64099

Ion Ratio Lower Upper

77 100

97 22.6 11.0 33.0



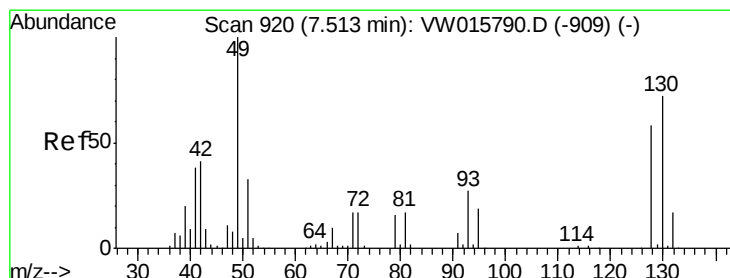
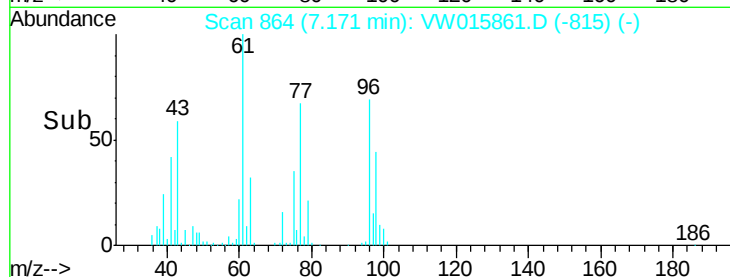
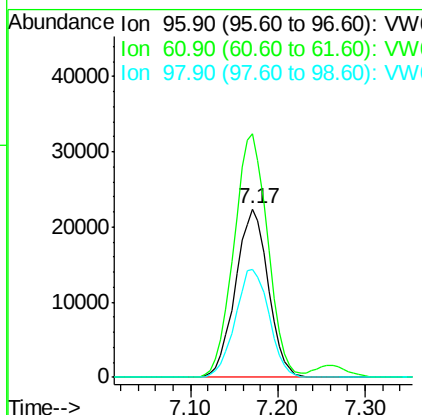
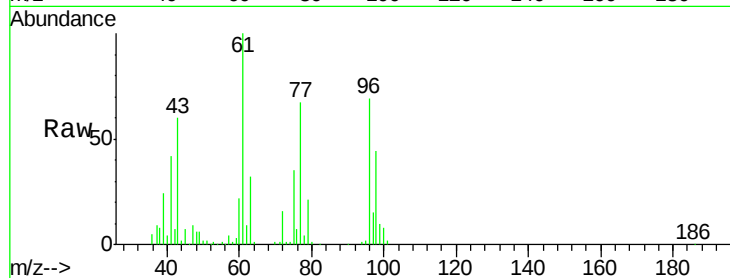


#27

cis-1,2-Dichloroethene
Concen: 20.447 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

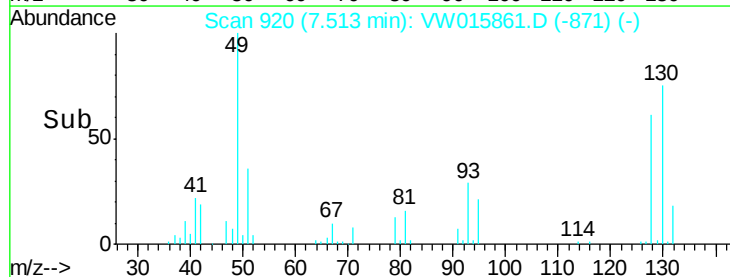
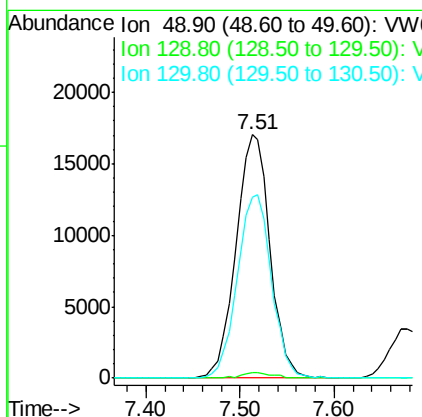
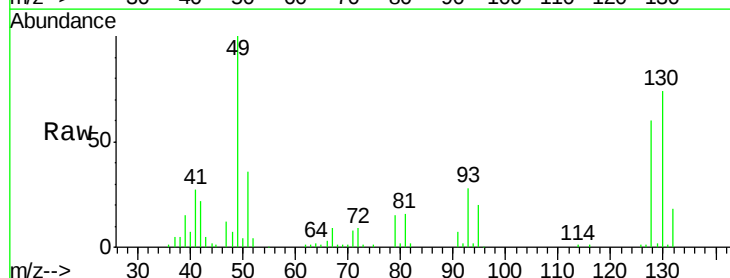
Tgt Ion: 96 Resp: 58257
Ion Ratio Lower Upper
96 100
61 149.7 0.0 292.2
98 66.3 0.0 129.0



#28

Bromochloromethane
Concen: 22.743 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 49 Resp: 42834
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.6
130 76.1 59.5 89.3





#29

Tetrahydrofuran

Concen: 100.589 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

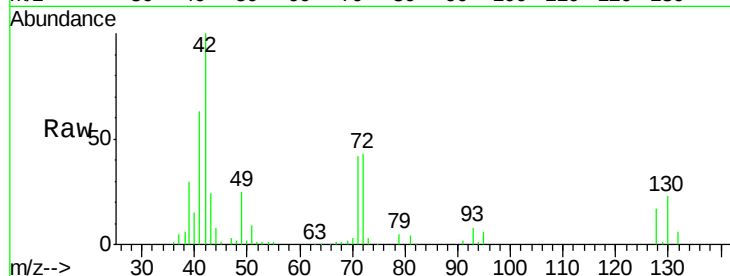
Tgt Ion: 42 Resp: 40039

Ion Ratio Lower Upper

42 100

72 42.3 34.6 51.8

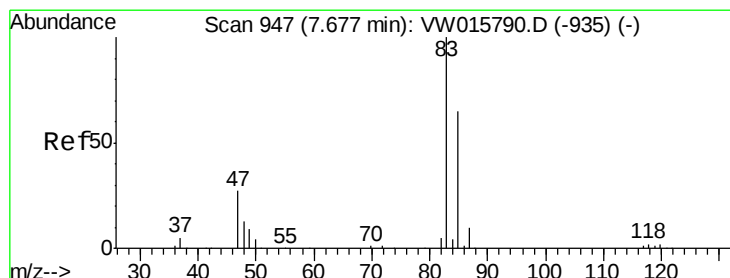
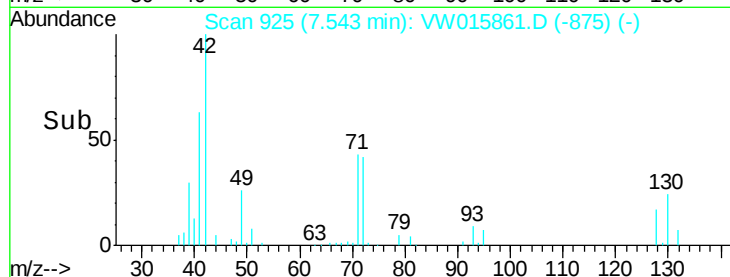
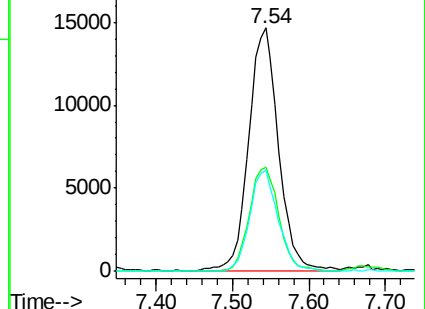
71 39.5 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.463 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015861.D

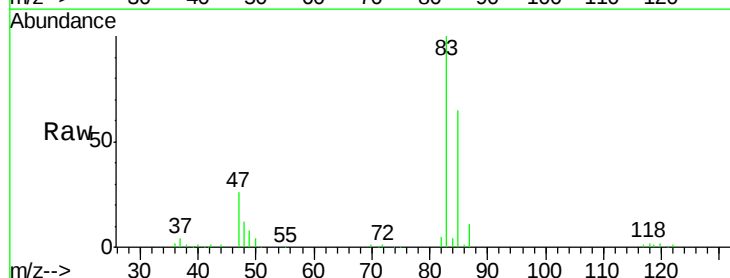
Acq: 16 Jul 2020 14:43

Tgt Ion: 83 Resp: 99375

Ion Ratio Lower Upper

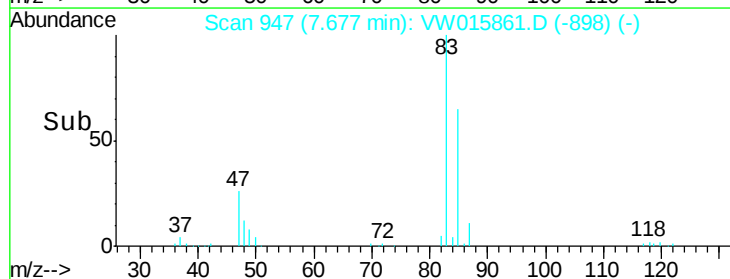
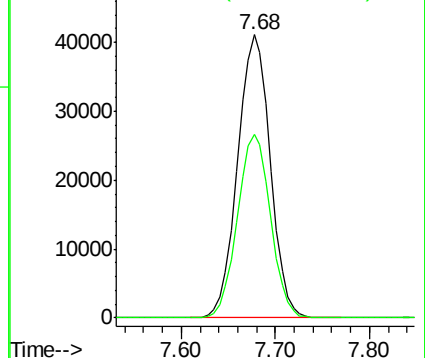
83 100

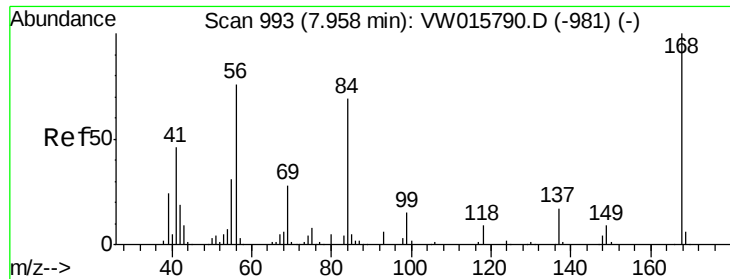
85 65.0 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

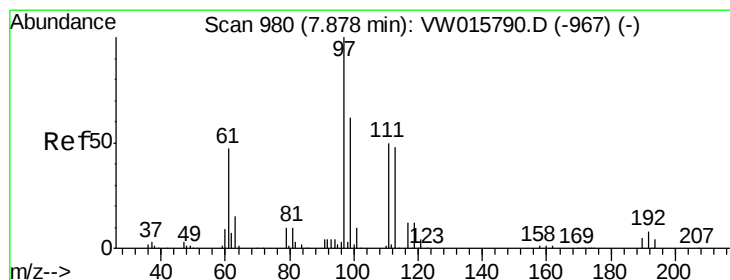
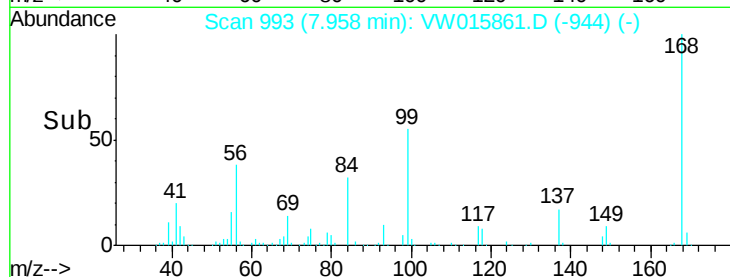
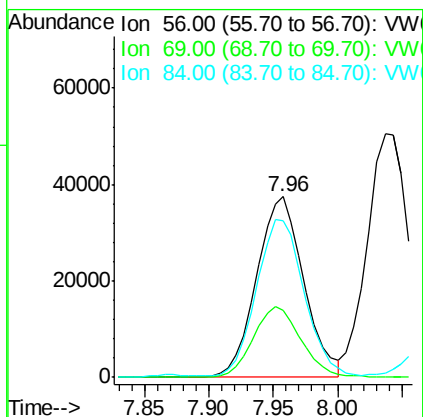
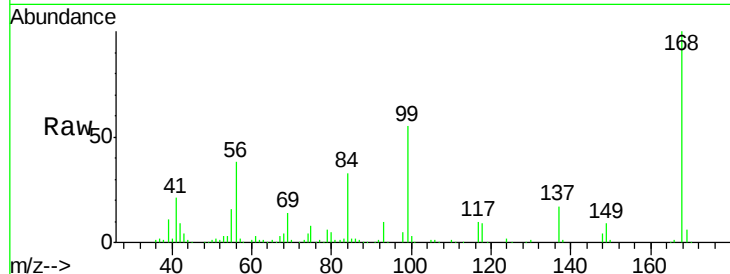




#31
Cyclohexane
Concen: 21.305 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

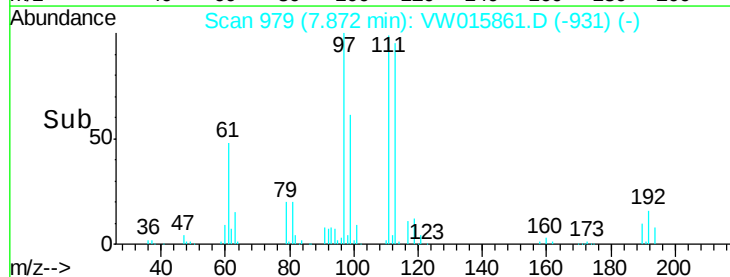
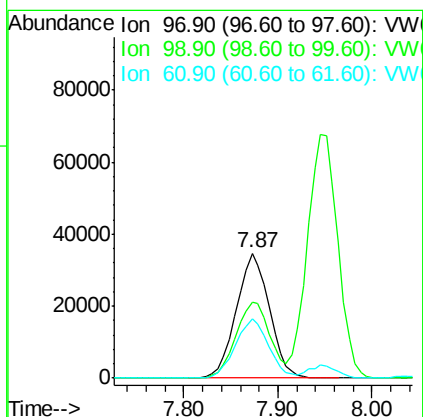
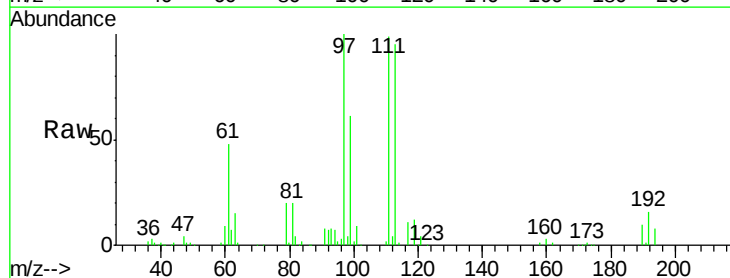
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

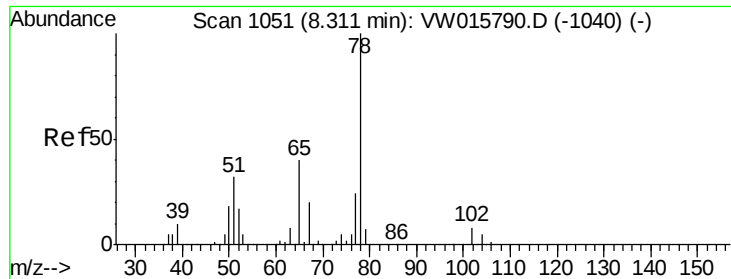
Tgt Ion: 56 Resp: 95257
Ion Ratio Lower Upper
56 100
69 37.3 28.9 43.3
84 85.6 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 20.726 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 97 Resp: 84399
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 48.0 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 48.347 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

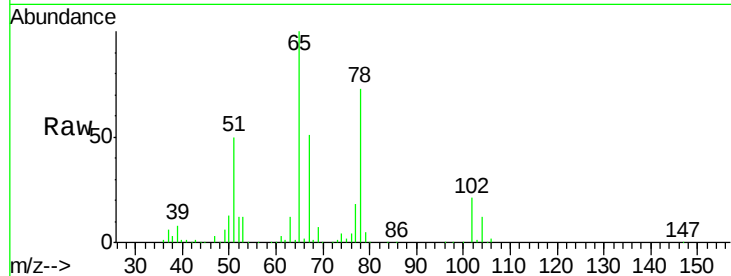
VW0716SBS01

Tgt Ion: 65 Resp: 124863

Ion Ratio Lower Upper

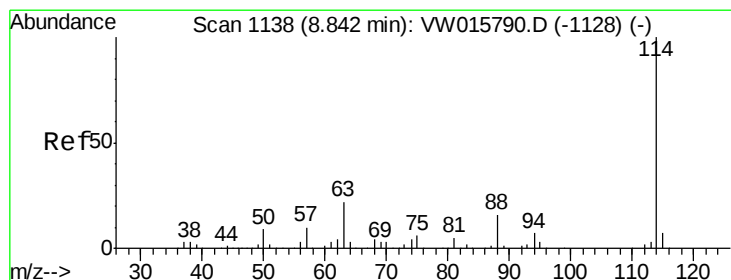
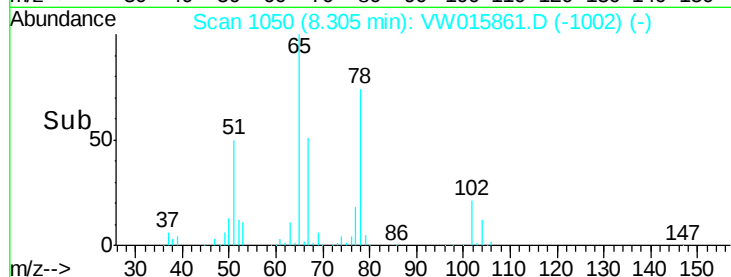
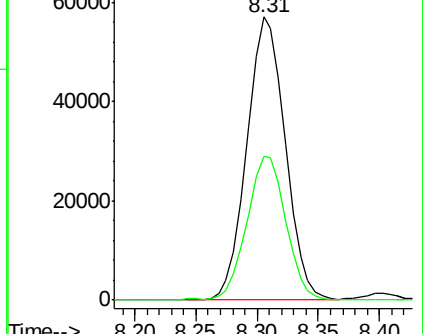
65 100

67 51.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

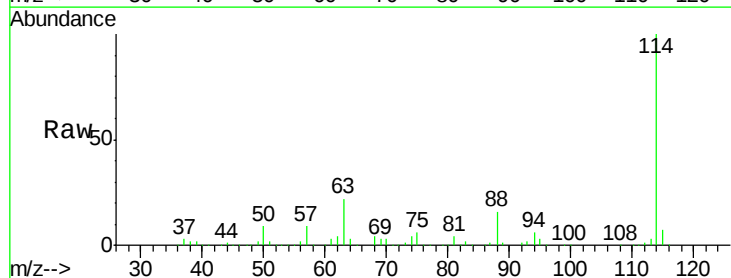
Tgt Ion: 114 Resp: 399498

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.4

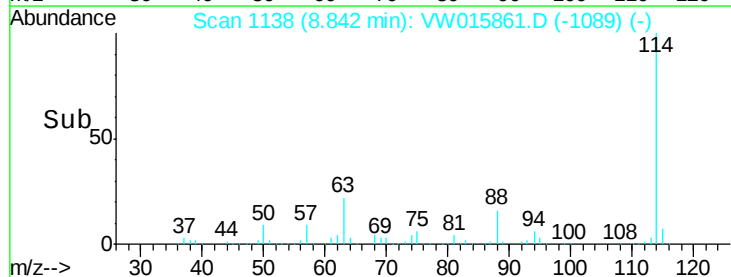
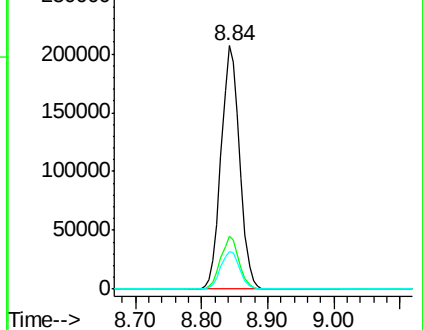
88 15.6 0.0 32.6

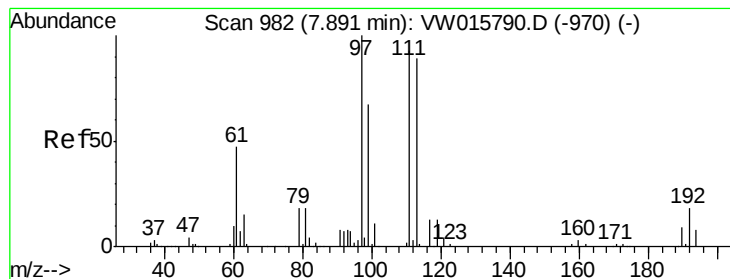


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.607 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

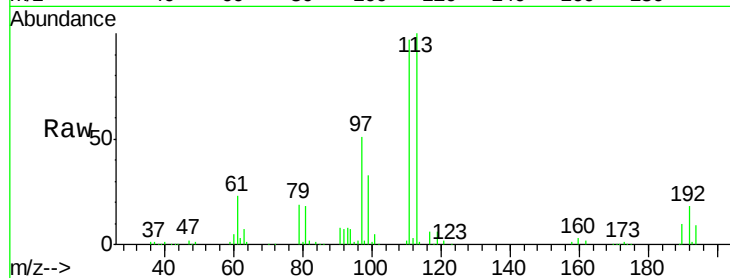
Tgt Ion:113 Resp: 115621

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

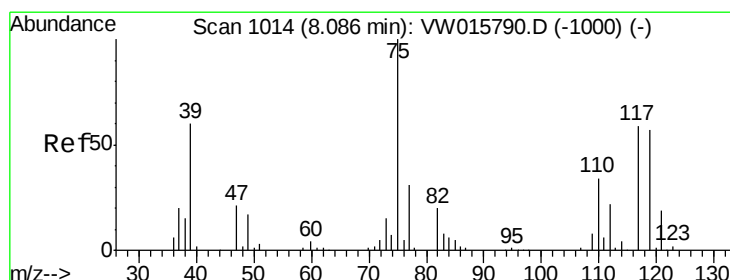
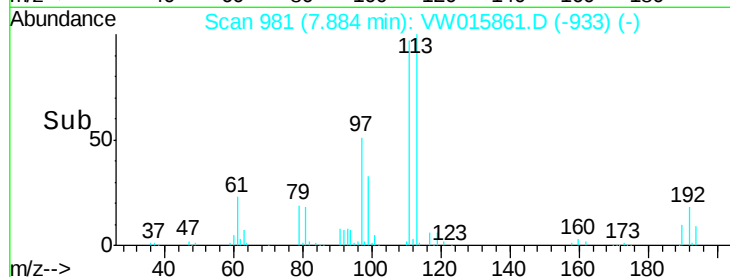
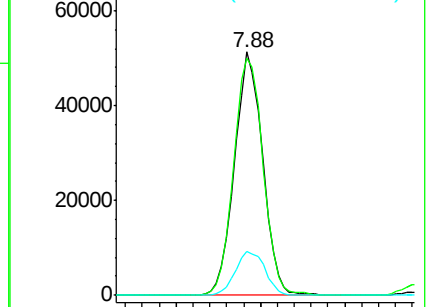
192 19.0 15.4 23.2



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: 20.648 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

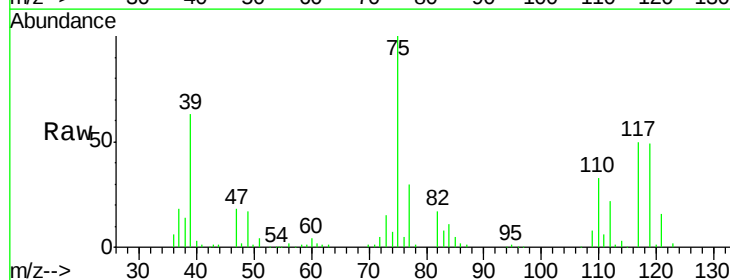
Tgt Ion: 75 Resp: 81315

Ion Ratio Lower Upper

75 100

110 33.3 16.8 50.3

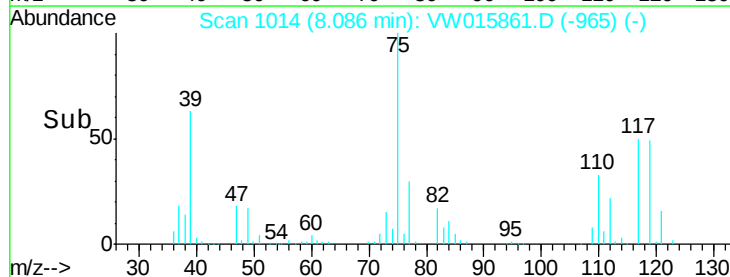
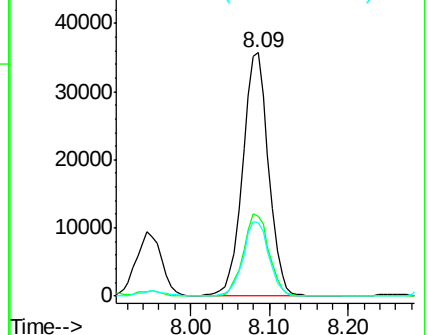
77 31.0 24.7 37.1

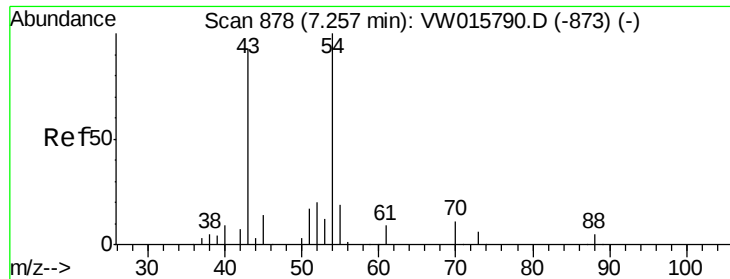


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

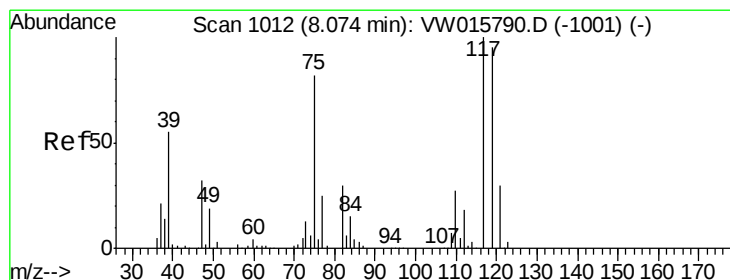
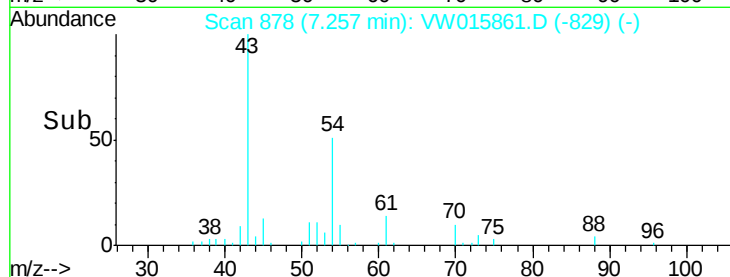
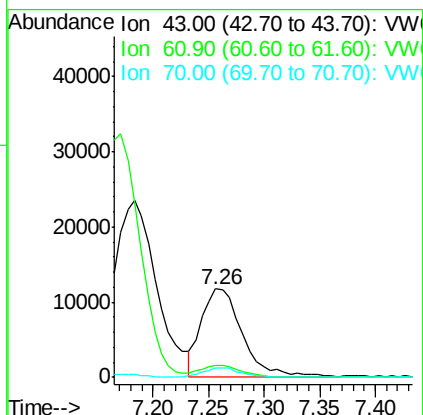
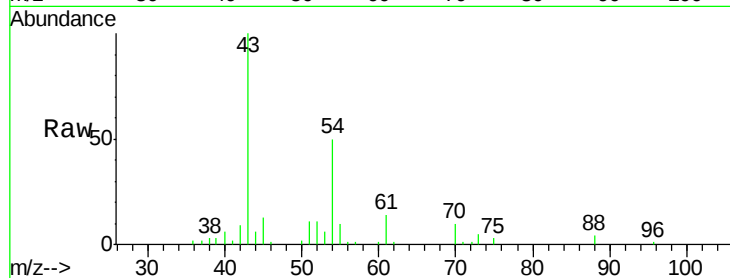




#37
Ethyl Acetate
Concen: 19.258 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

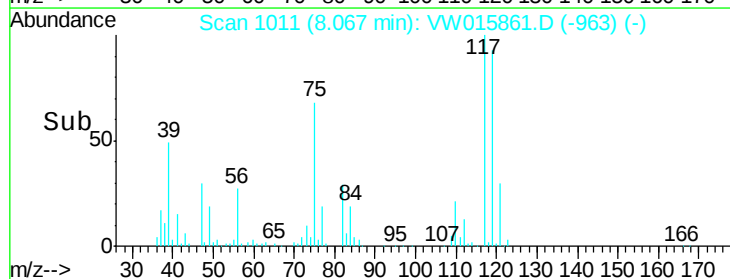
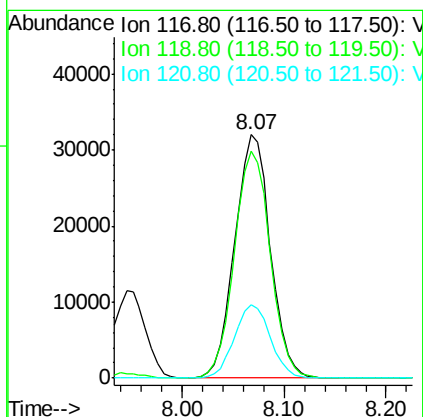
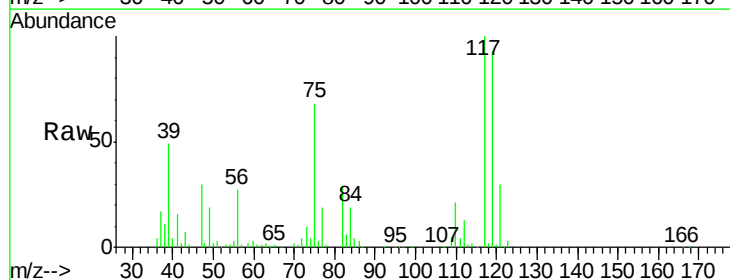
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

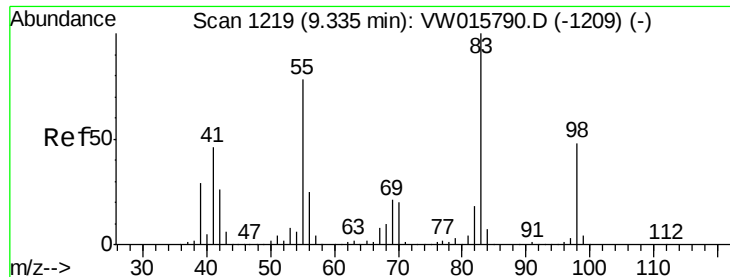
Tgt Ion: 43 Resp: 29468
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.366 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 117 Resp: 77607
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5
121 30.0 24.0 36.0

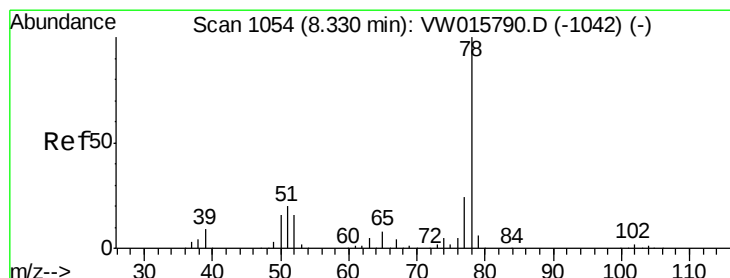
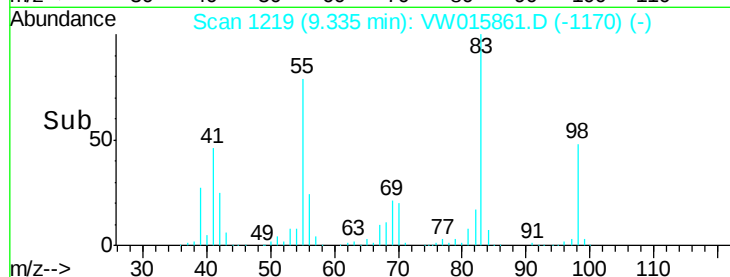
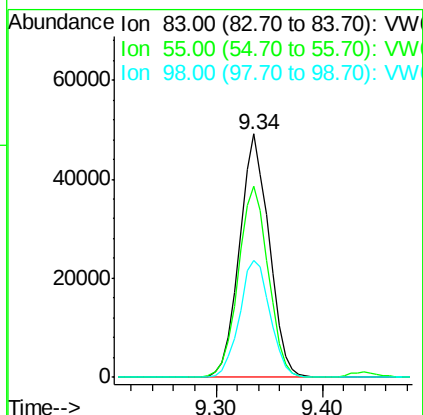
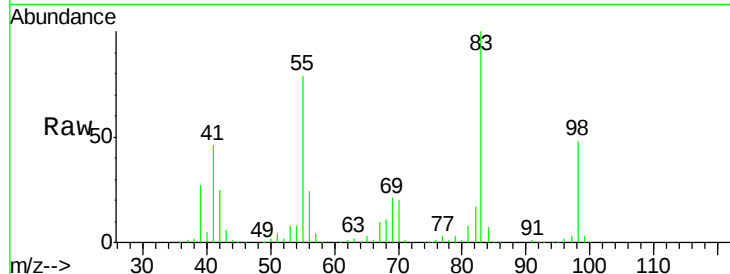




#39
Methylcyclohexane
Concen: 20.628 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

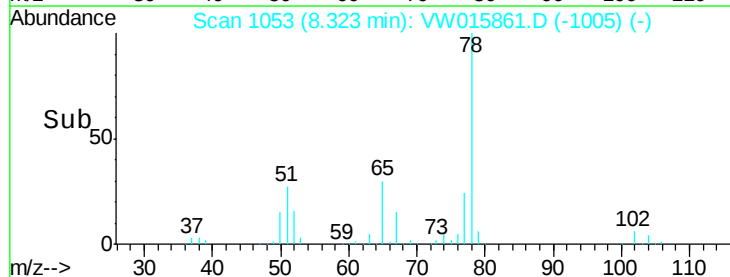
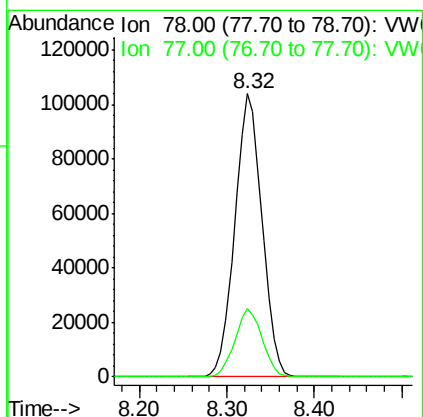
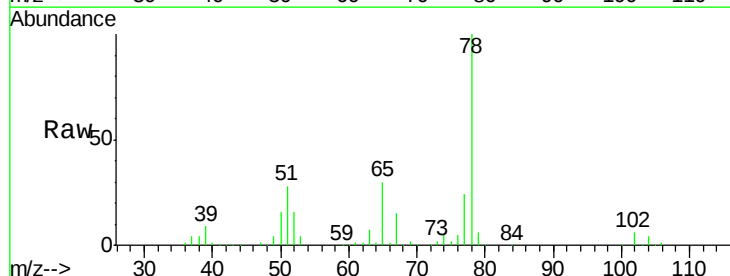
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

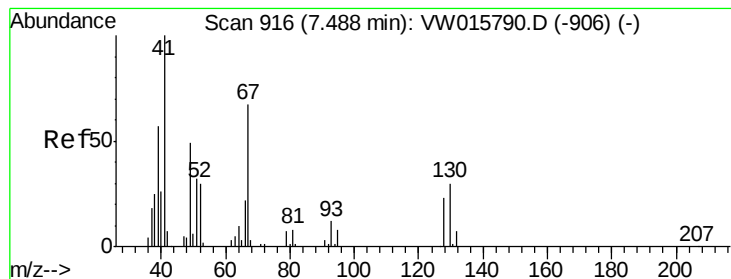
Tgt Ion: 83 Resp: 95856
Ion Ratio Lower Upper
83 100
55 78.6 62.6 94.0
98 48.2 38.6 58.0



#40
Benzene
Concen: 20.816 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 78 Resp: 224554
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41

Methacrylonitrile

Concen: 20.842 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

Tgt Ion: 41 Resp: 18106

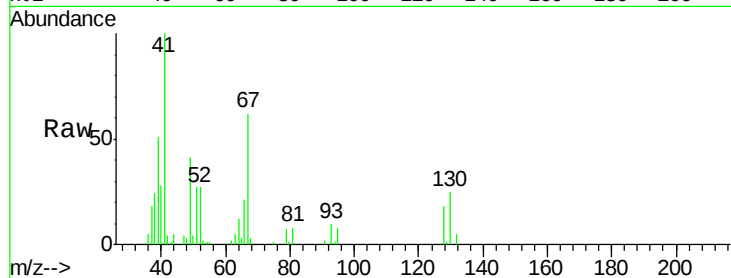
Ion Ratio Lower Upper

41 100

39 51.9 44.6 66.8

67 66.0 56.4 84.6

52 30.6 25.4 38.2

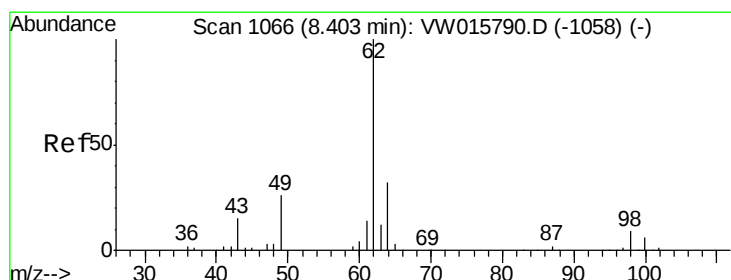
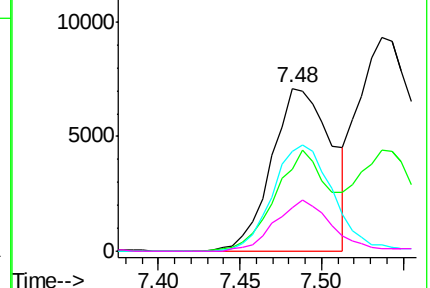
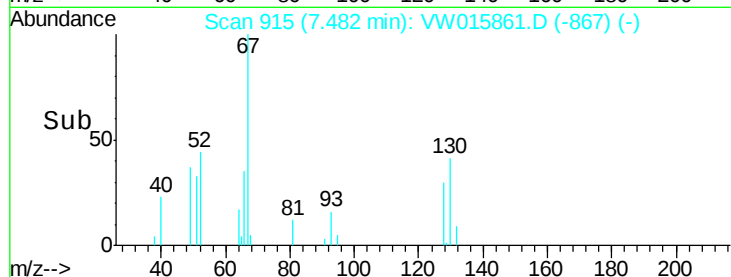


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.113 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW015861.D

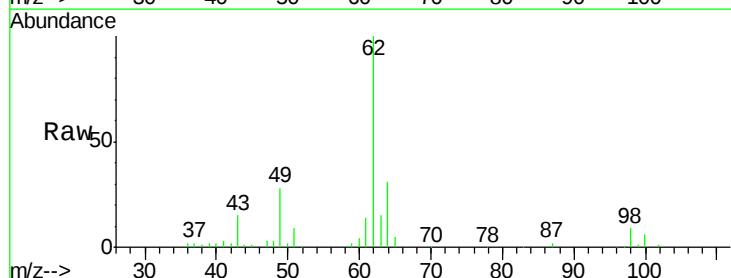
Acq: 16 Jul 2020 14:43

Tgt Ion: 62 Resp: 67527

Ion Ratio Lower Upper

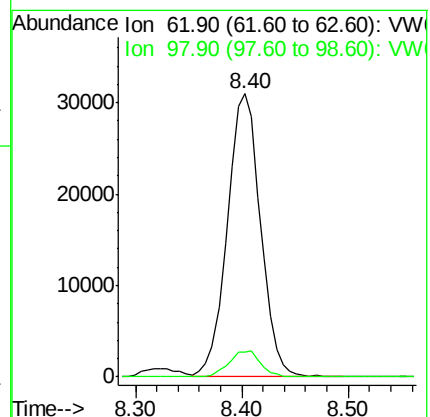
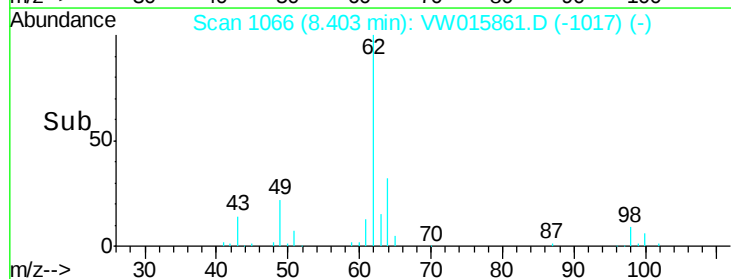
62 100

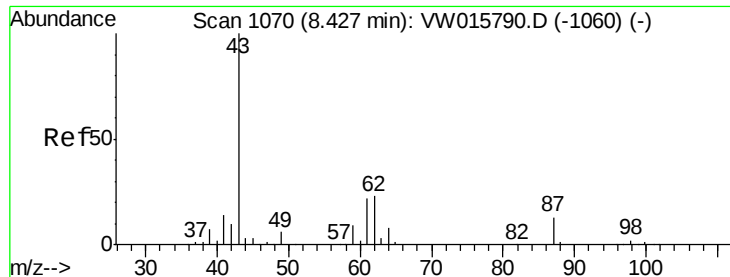
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.214 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

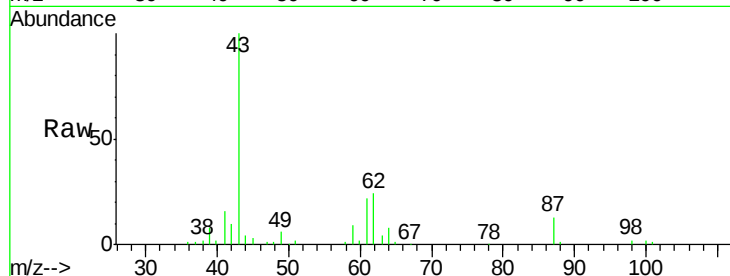
Tgt Ion: 43 Resp: 57390

Ion Ratio Lower Upper

43 100

61 32.8 24.8 37.2

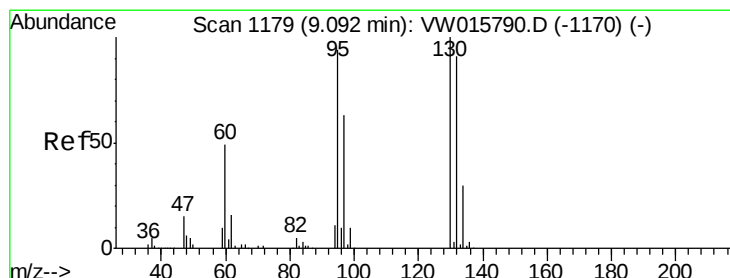
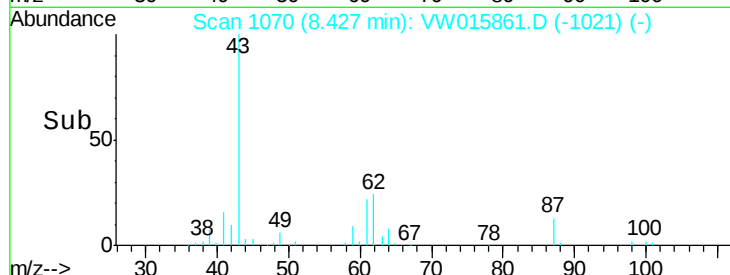
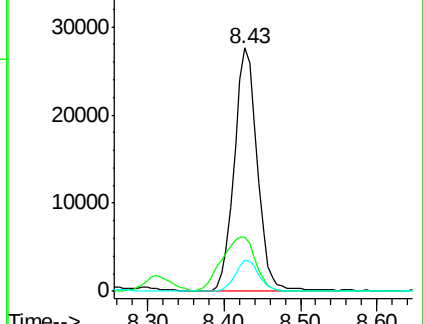
87 13.1 10.4 15.6



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: 20.387 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015861.D

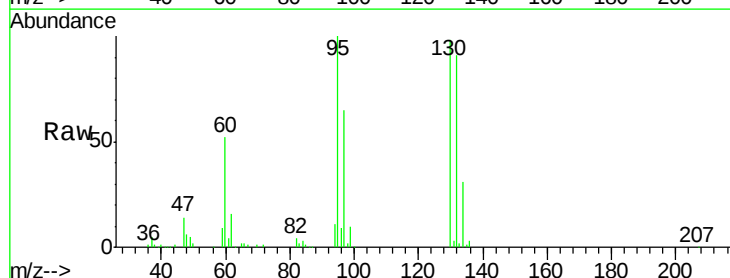
Acq: 16 Jul 2020 14:43

Tgt Ion: 130 Resp: 58171

Ion Ratio Lower Upper

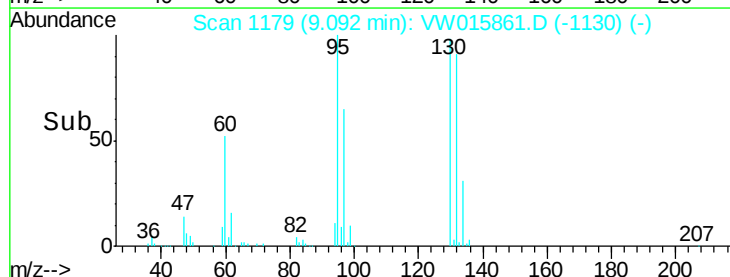
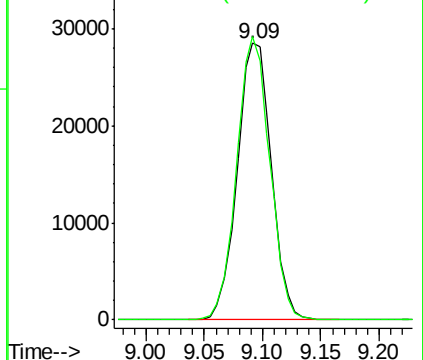
130 100

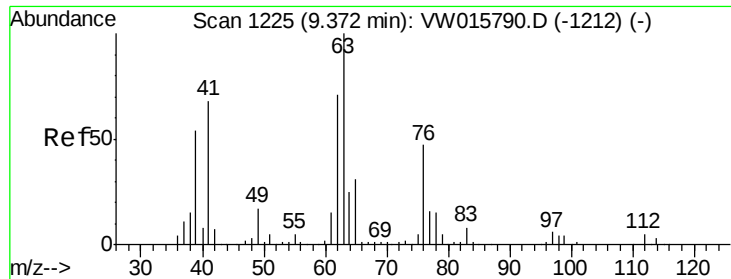
95 102.3 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

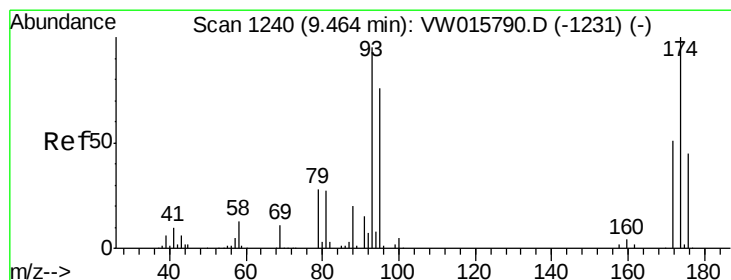
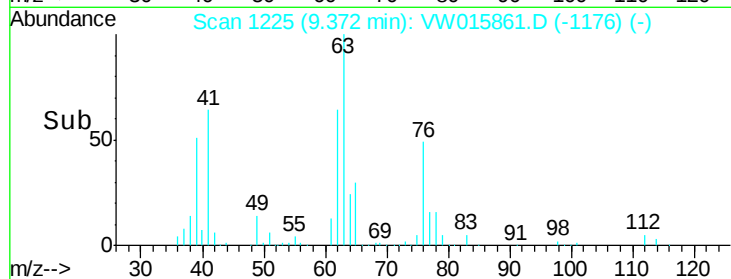
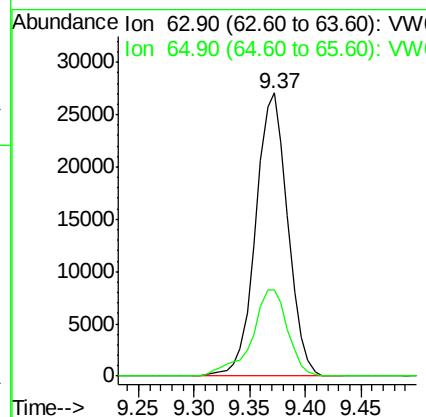
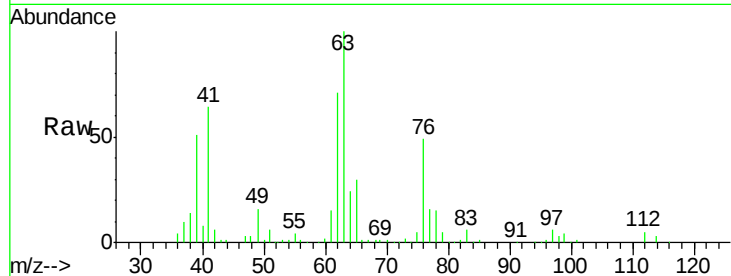




#45
 1,2-Dichloropropane
 Concen: 20.516 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

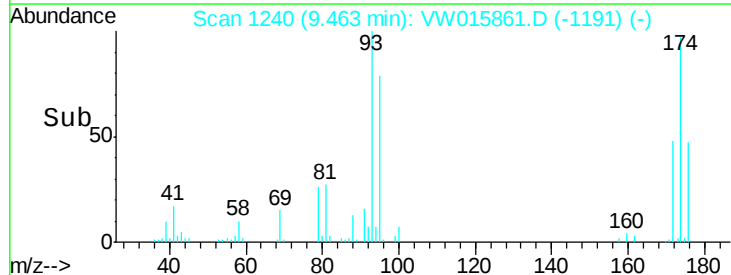
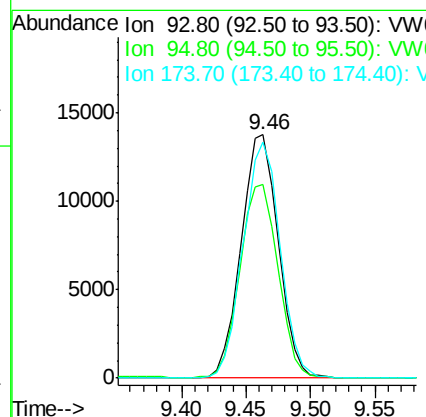
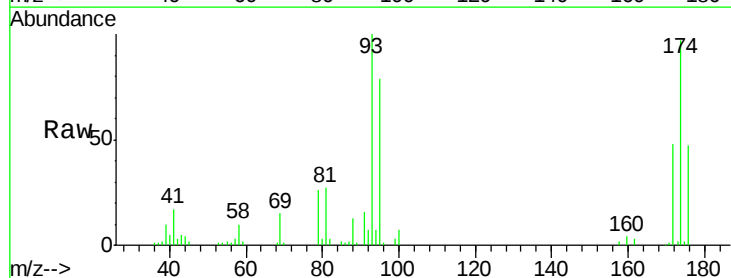
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

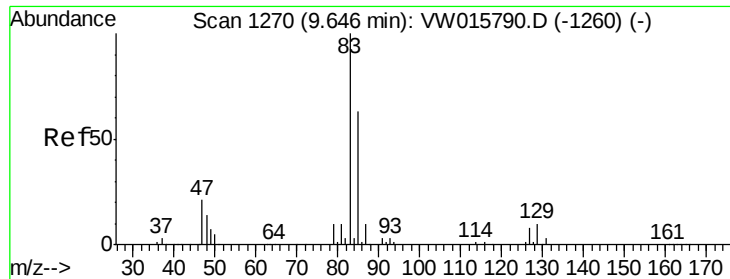
Tgt Ion: 63 Resp: 54399
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 20.145 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 93 Resp: 27501
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.0 99.0
 174 96.5 78.7 118.1

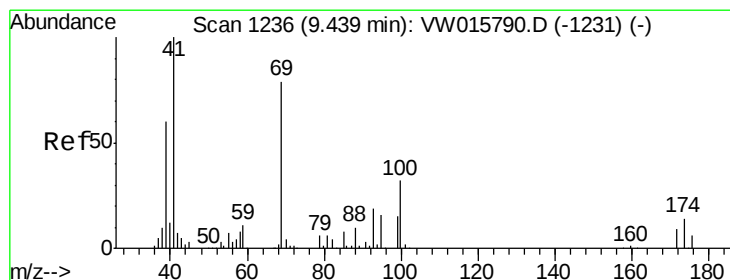
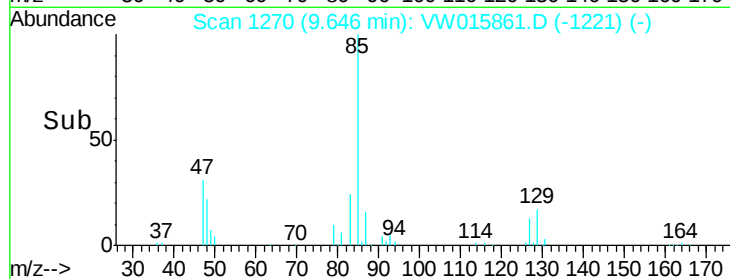
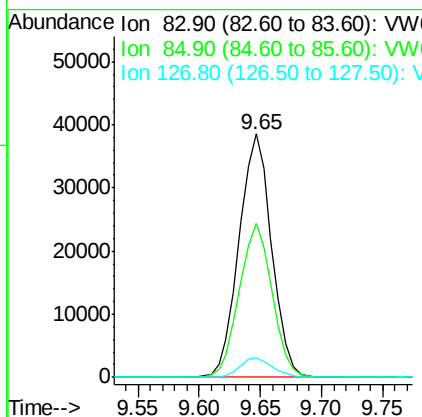
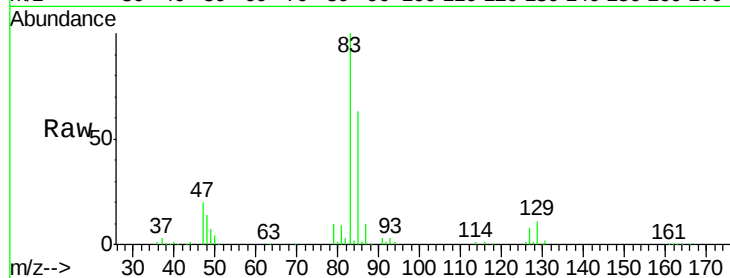




#47
 Bromodichloromethane
 Concen: 20.196 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

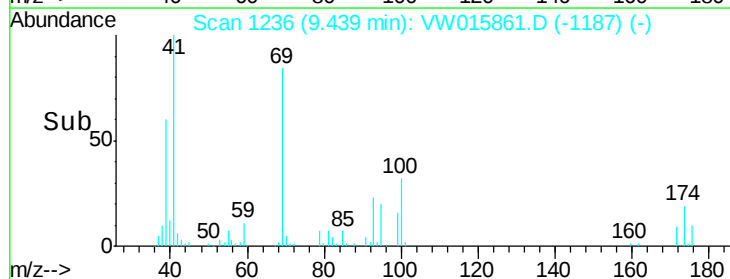
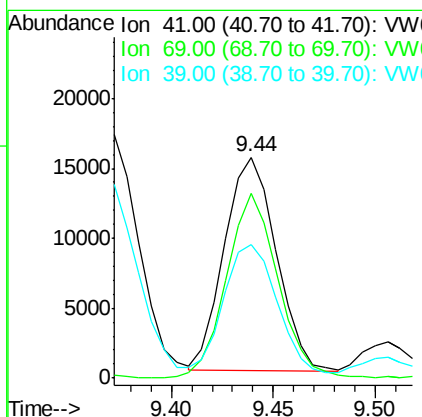
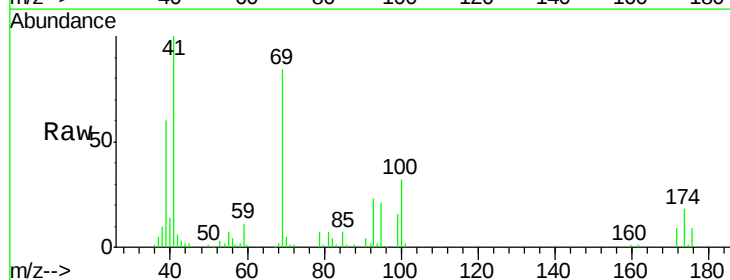
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

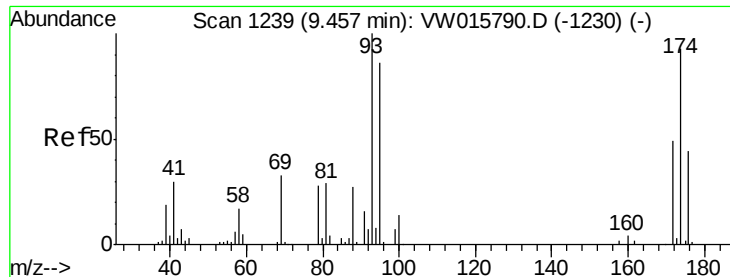
Tgt Ion: 83 Resp: 71311
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.6 76.0
 127 8.2 6.2 9.2



#48
 Methyl methacrylate
 Concen: 19.680 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 41 Resp: 26939
 Ion Ratio Lower Upper
 41 100
 69 86.3 67.1 100.7
 39 60.9 49.9 74.9





#49

1,4-Dioxane

Concen: 394.494 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.02 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

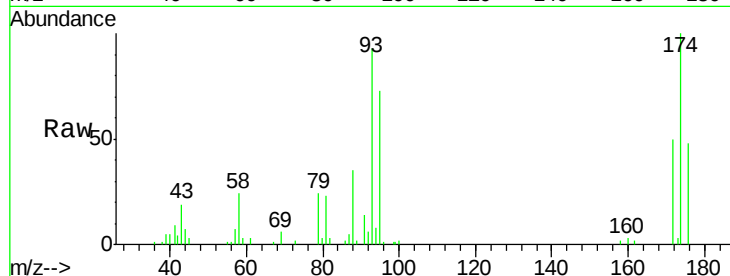
Tgt Ion: 88 Resp: 6658

Ion Ratio Lower Upper

88 100

43 0.0 28.1 42.1#

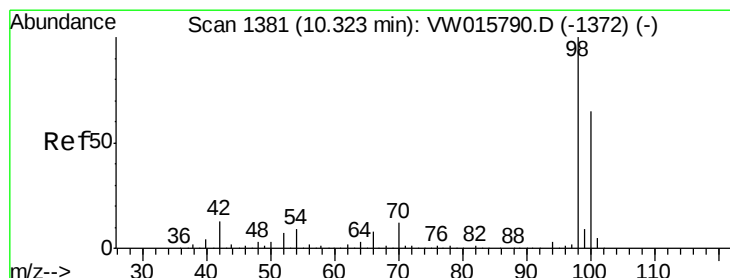
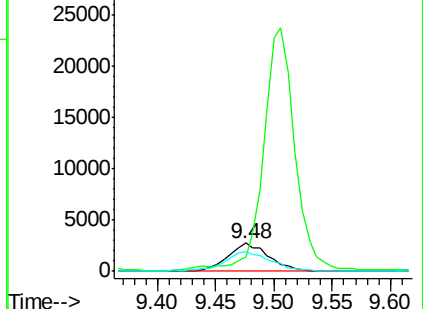
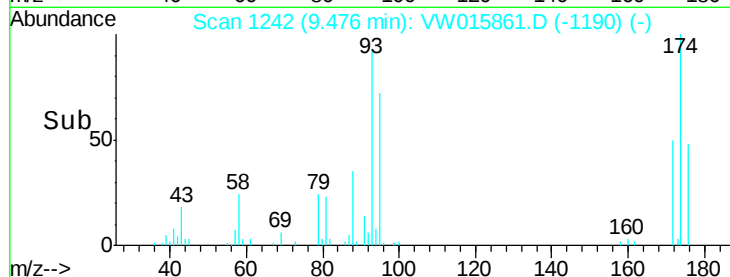
58 80.1 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.003 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015861.D

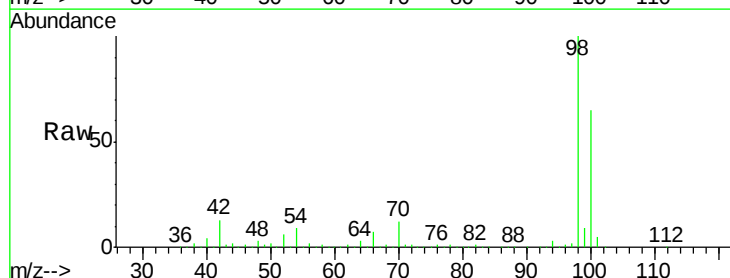
Acq: 16 Jul 2020 14:43

Tgt Ion: 98 Resp: 447663

Ion Ratio Lower Upper

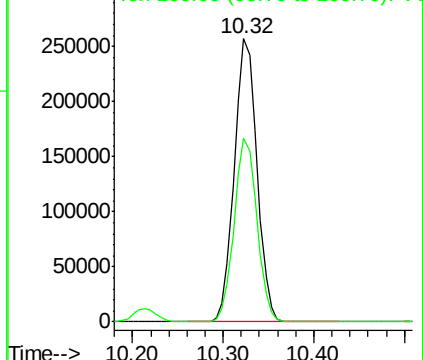
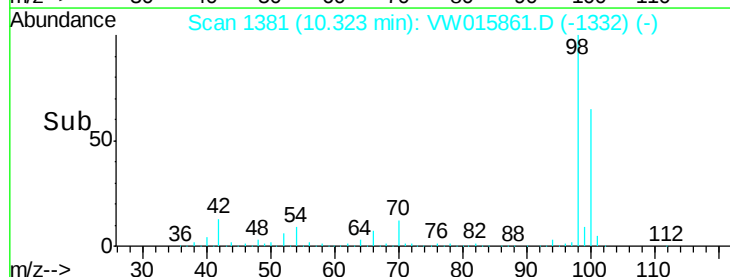
98 100

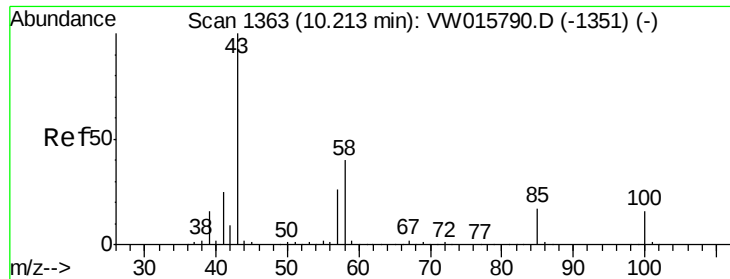
100 65.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

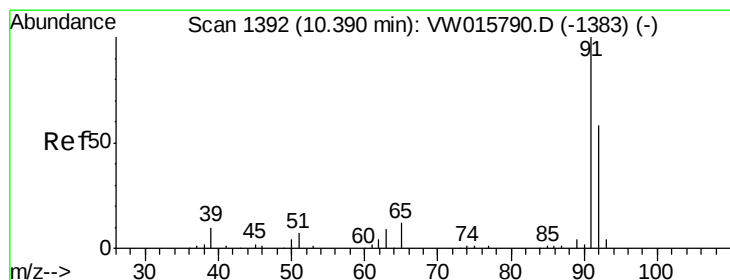
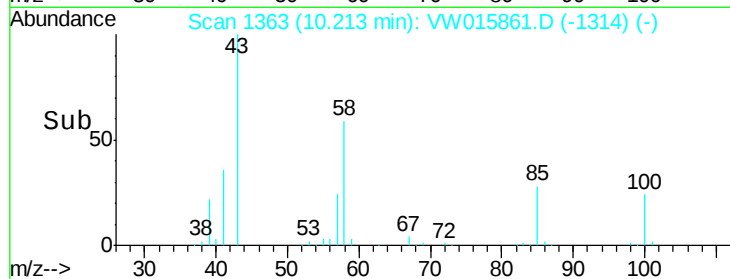
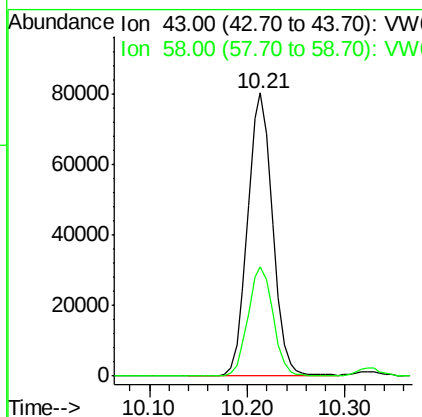
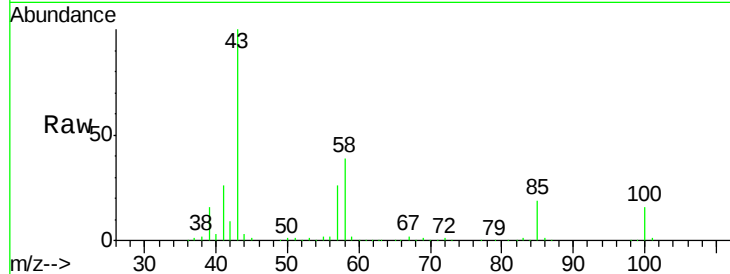




#51
4-Methyl-2-Pentanone
Concen: 97.977 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

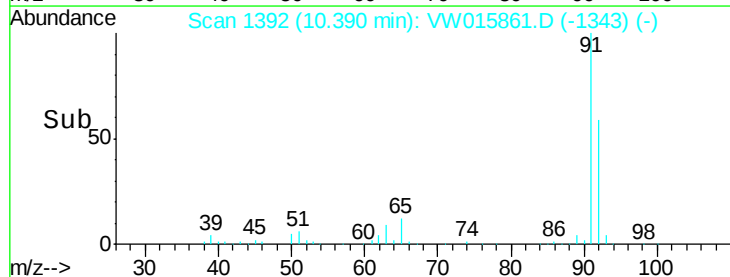
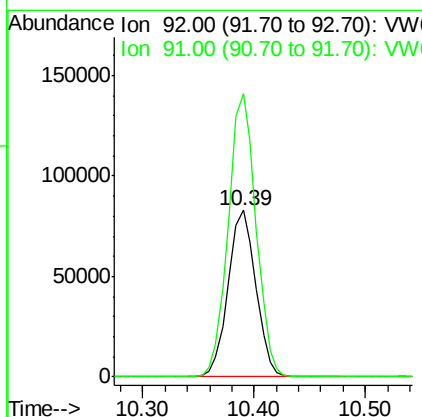
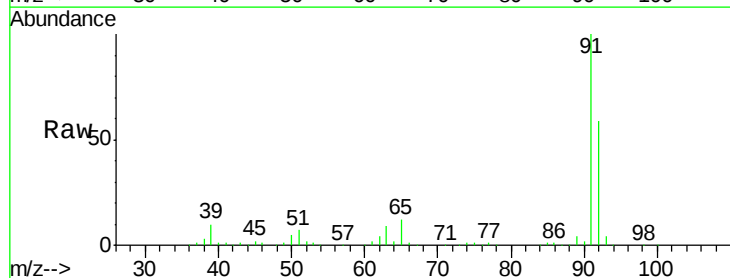
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion: 43 Resp: 142803
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3



#52
Toluene
Concen: 20.559 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 92 Resp: 142719
Ion Ratio Lower Upper
92 100
91 170.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.411 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

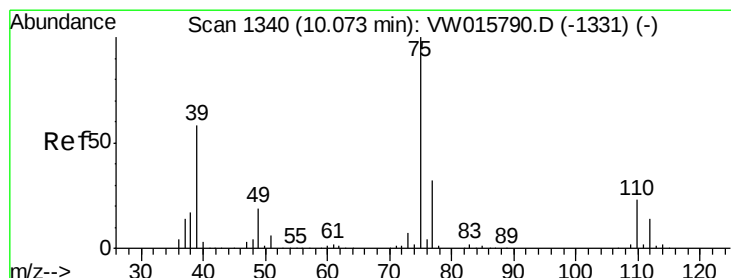
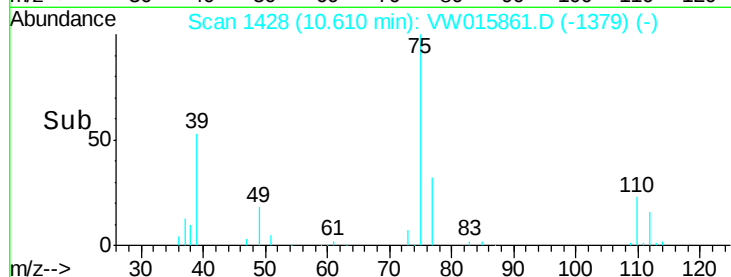
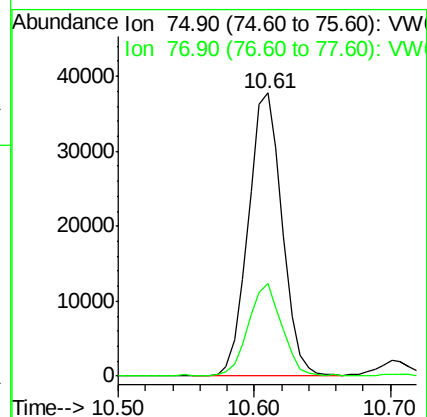
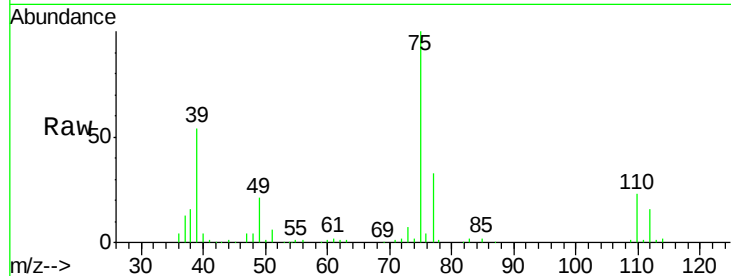
VW0716SBS01

Tgt Ion: 75 Resp: 65763

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.721 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

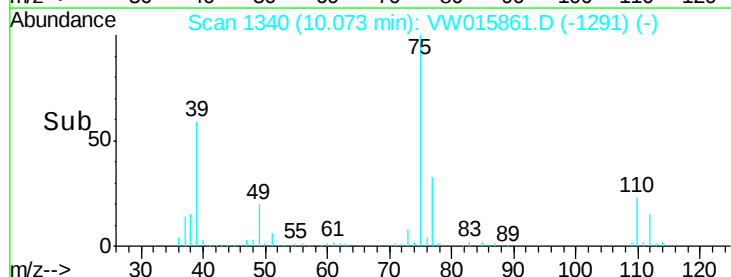
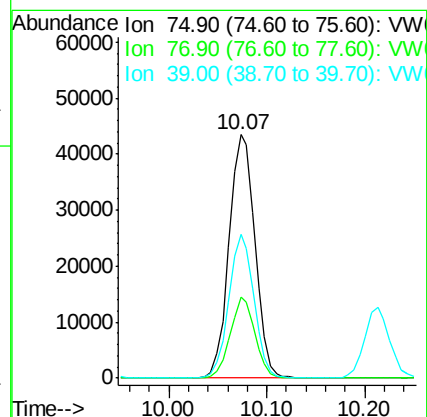
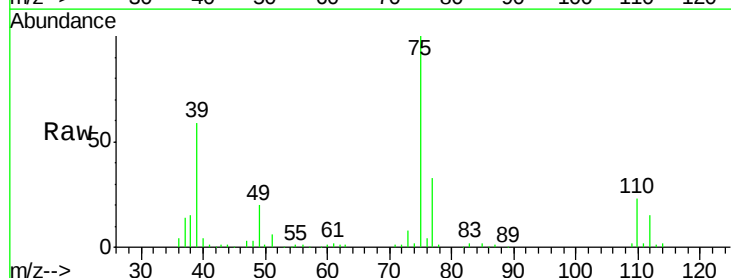
Tgt Ion: 75 Resp: 79921

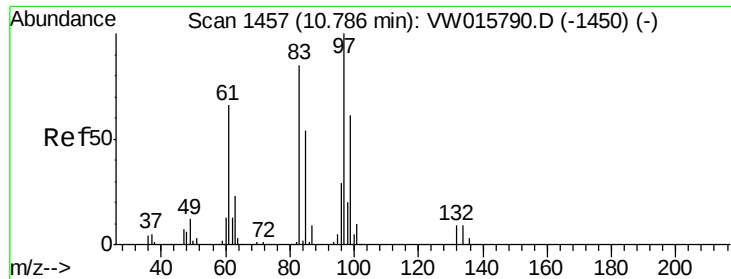
Ion Ratio Lower Upper

75 100

77 33.1 25.2 37.8

39 59.0 46.0 69.0

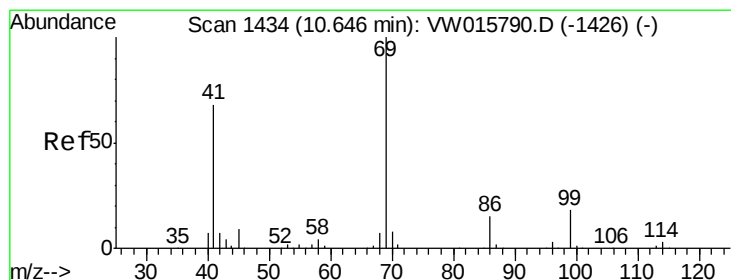
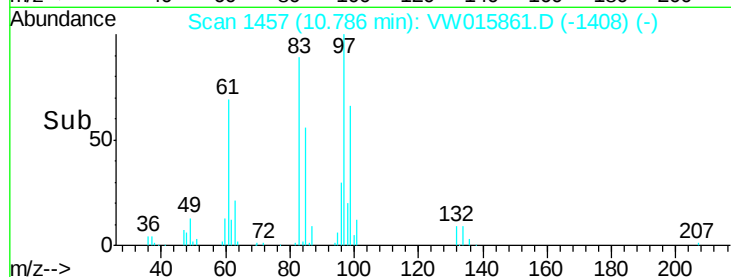
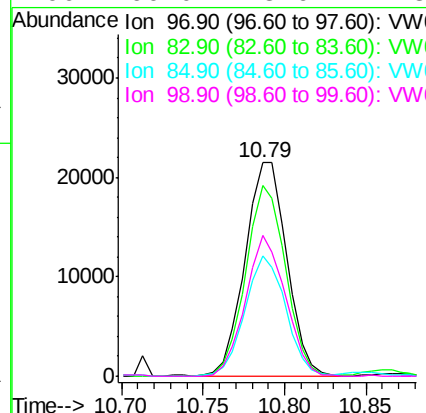
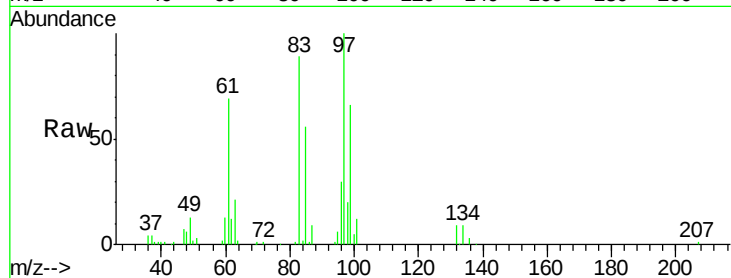




#55
 1,1,2-Trichloroethane
 Concen: 20.347 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

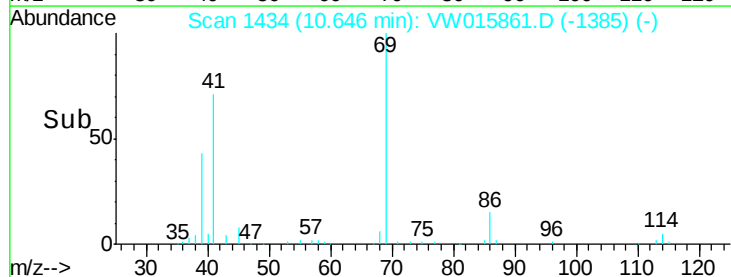
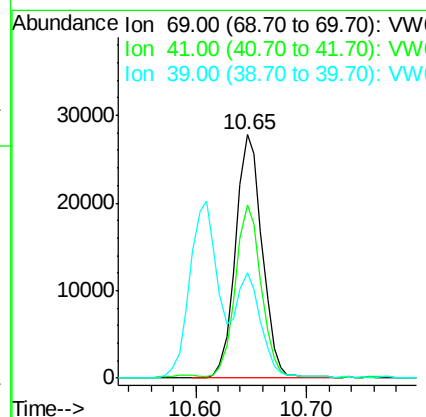
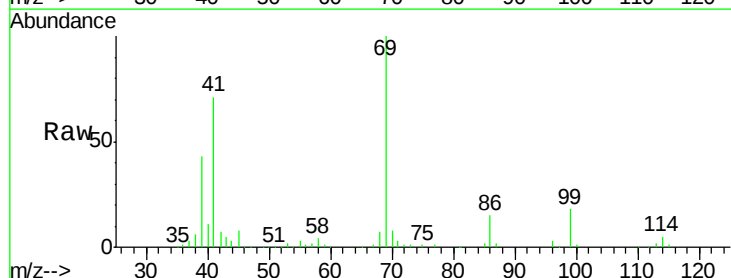
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

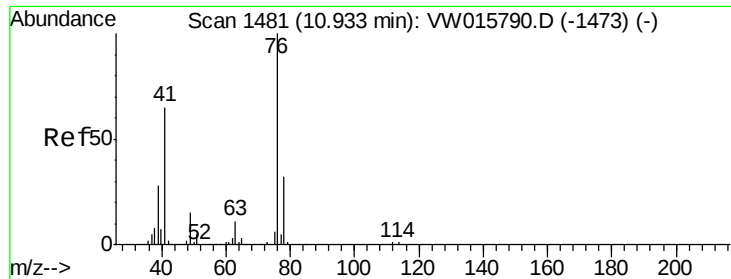
Tgt Ion:	97	Resp:	38515
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.4
85	56.2	43.4	65.0
99	66.0	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 19.832 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion:	69	Resp:	46152
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.0	82.6
39	39.6	33.8	50.8

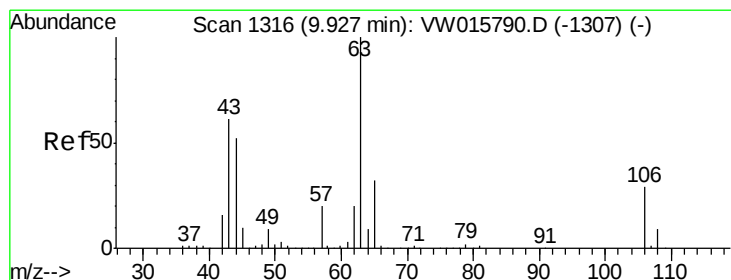
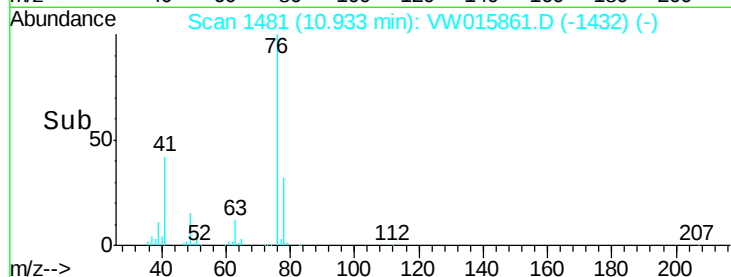
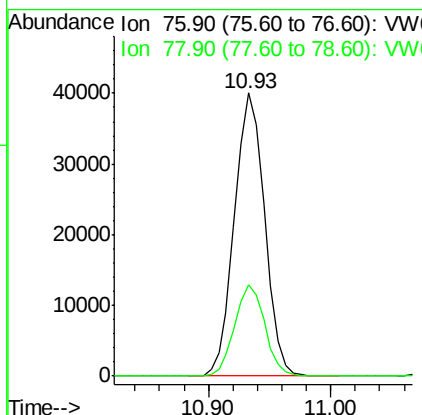
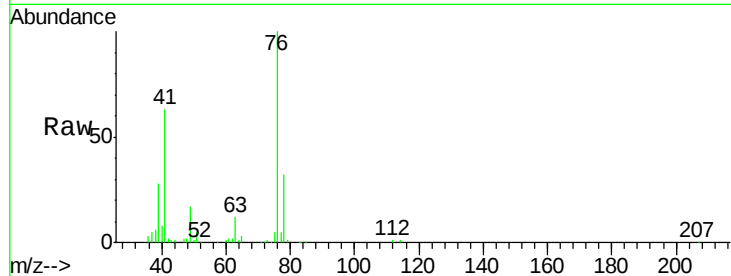




#57
 1,3-Dichloropropane
 Concen: 20.435 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

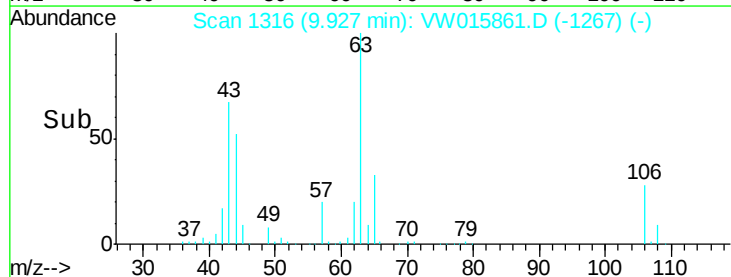
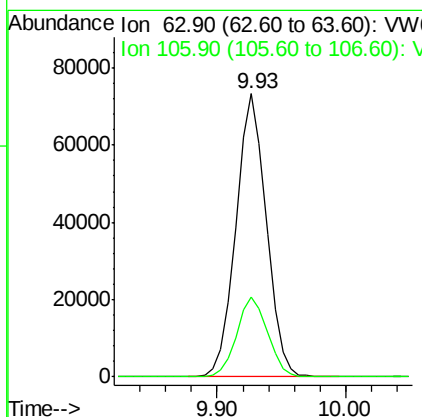
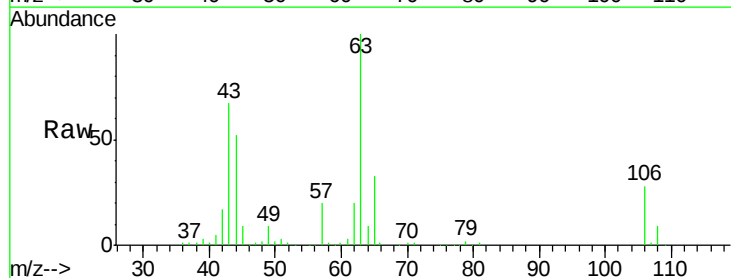
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

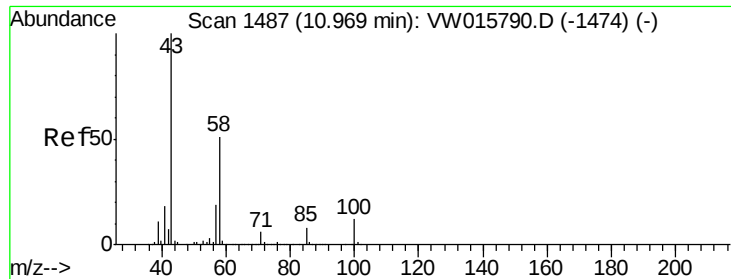
Tgt Ion: 76 Resp: 68477
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.284 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 63 Resp: 119720
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.1 34.7

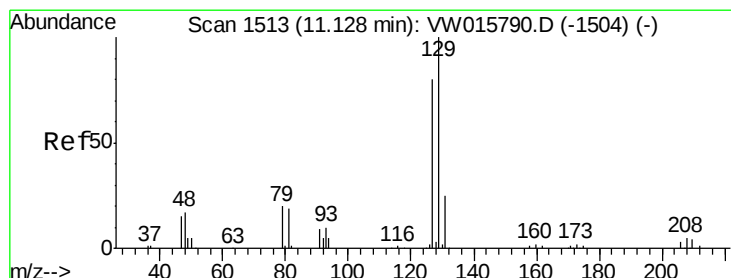
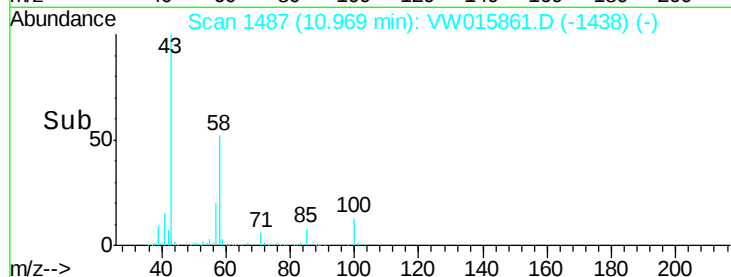
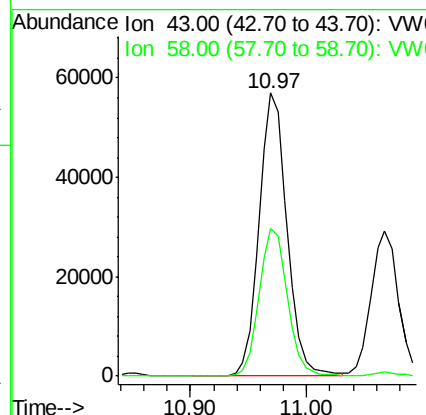
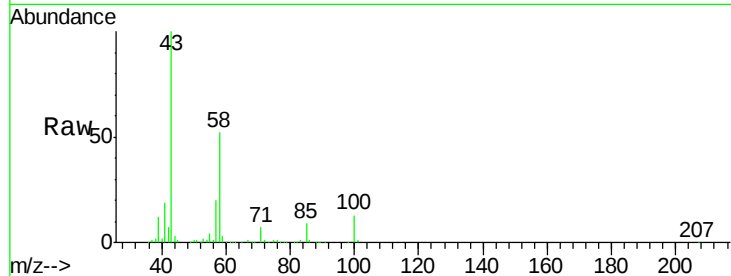




#59
2-Hexanone
Concen: 98.221 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

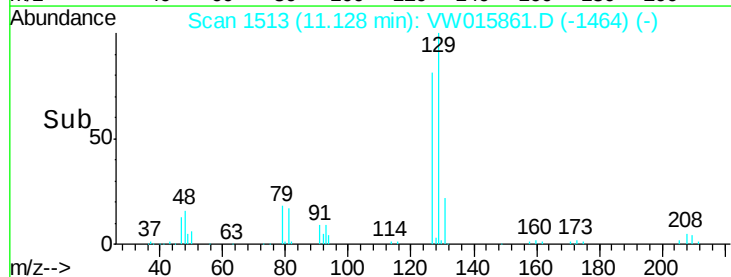
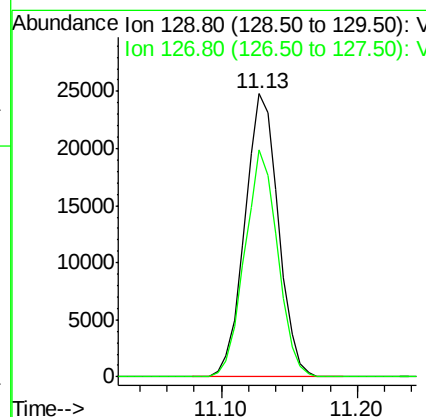
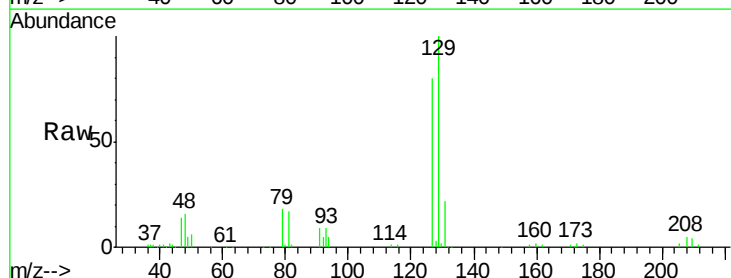
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

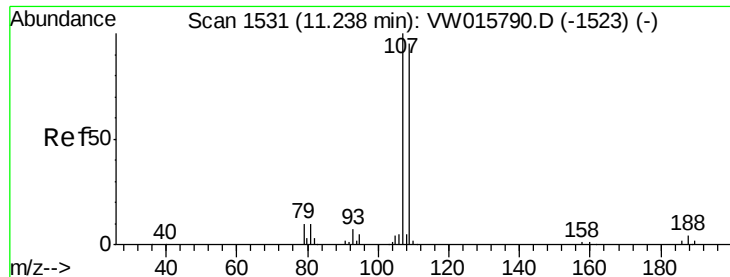
Tgt Ion: 43 Resp: 95537
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5



#60
Dibromochloromethane
Concen: 19.562 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 129 Resp: 42766
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1





#61

1,2-Dibromoethane

Concen: 19.996 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

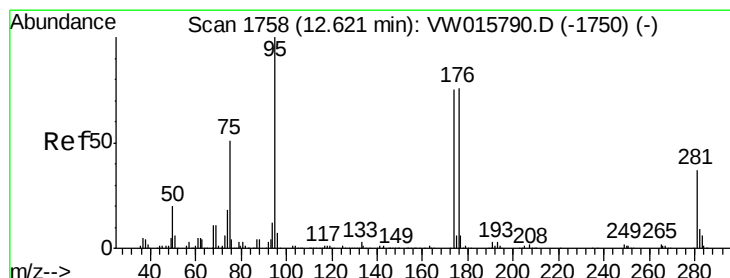
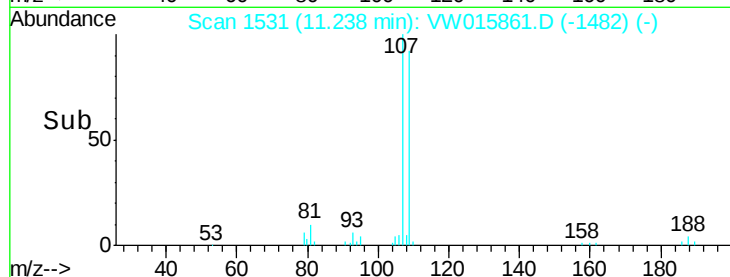
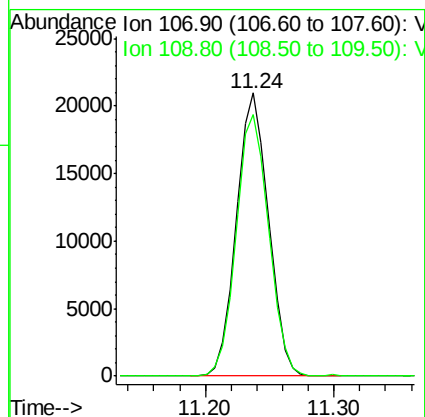
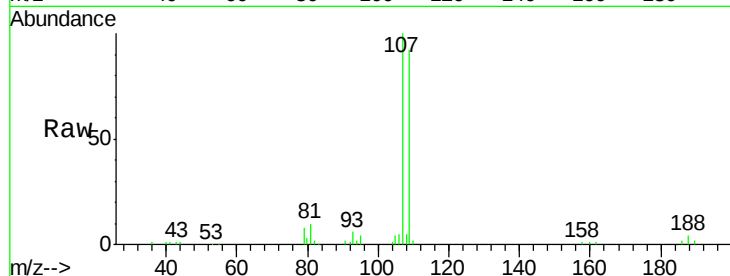
VW0716SBS01

Tgt Ion: 107 Resp: 36218

Ion Ratio Lower Upper

107 100

109 93.7 77.0 115.6



#62

4-Bromofluorobenzene

Concen: 49.705 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

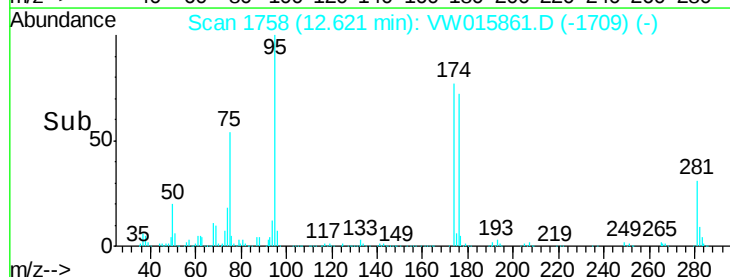
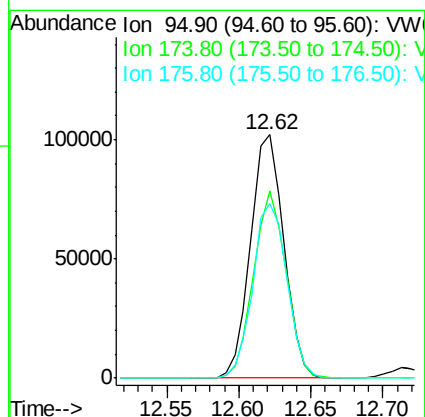
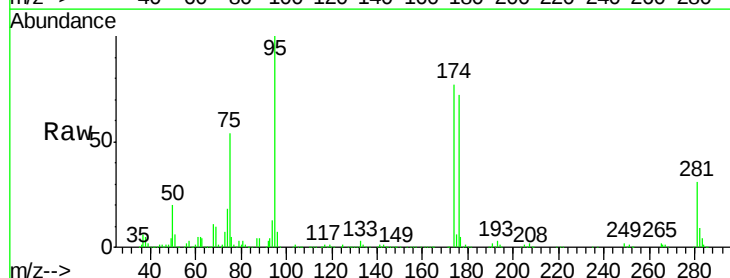
Tgt Ion: 95 Resp: 163288

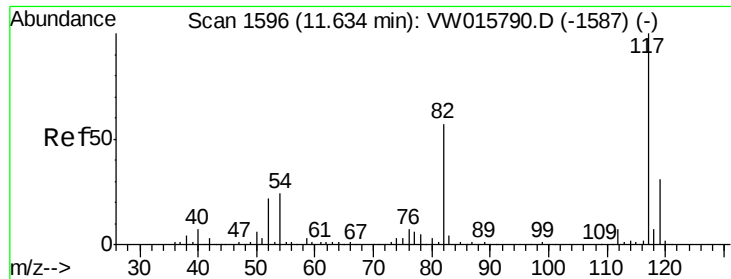
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 73.5 0.0 148.4

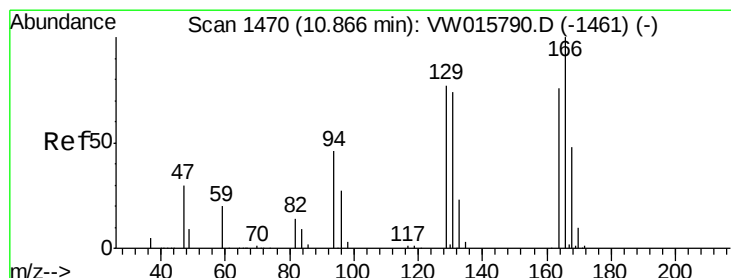
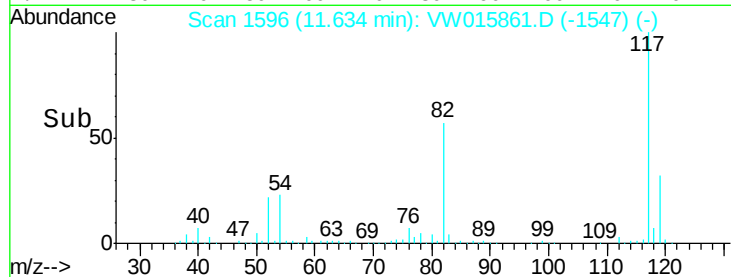
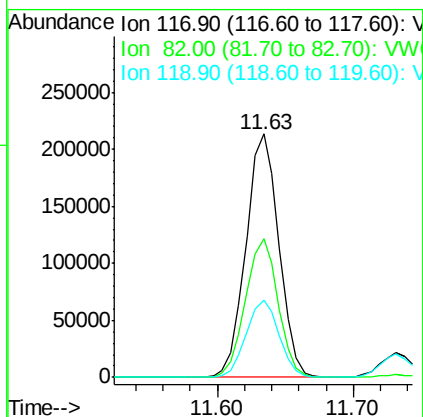
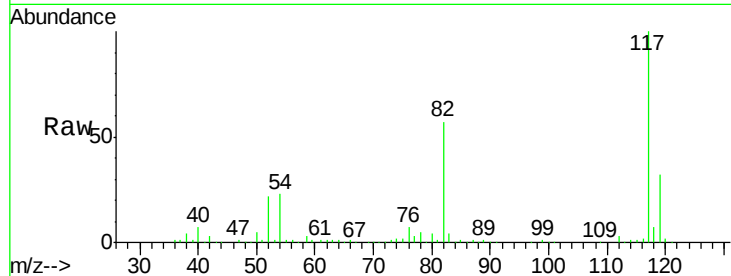




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

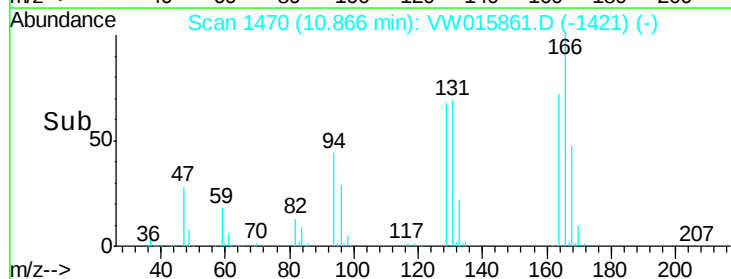
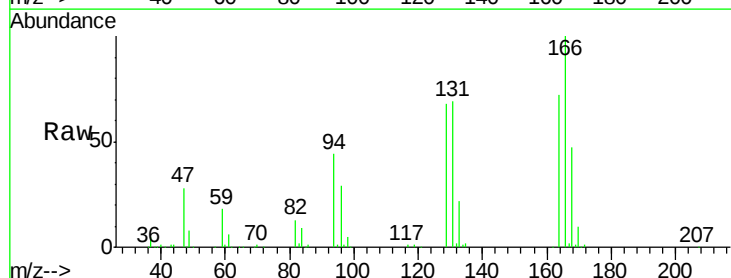
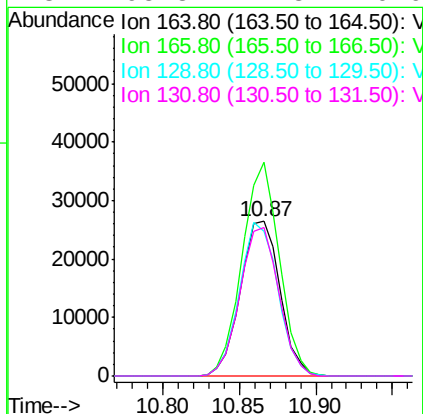
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

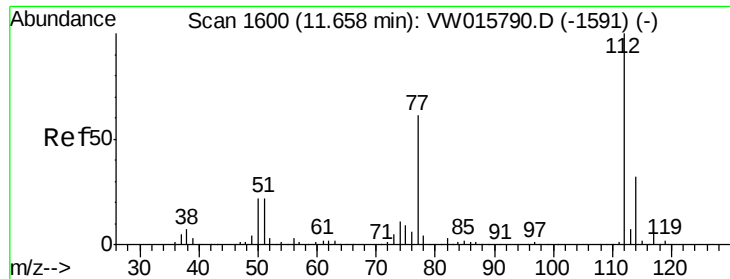
Tgt Ion:117 Resp: 361783
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 20.799 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:164 Resp: 47620
Ion Ratio Lower Upper
164 100
166 138.3 105.1 157.7
129 94.0 80.6 121.0
131 95.8 77.8 116.6

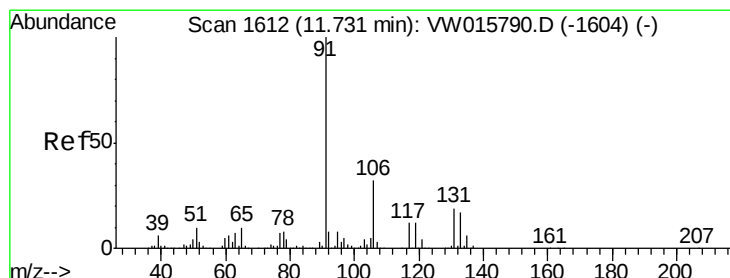
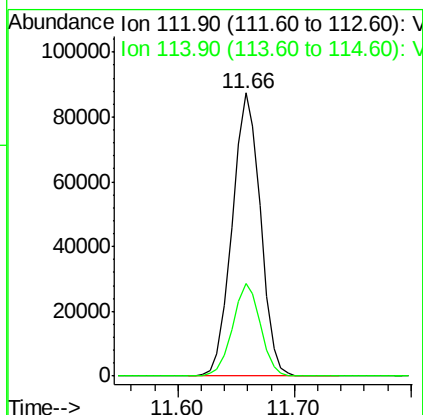
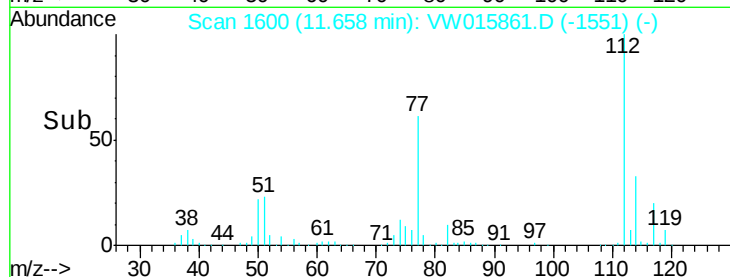
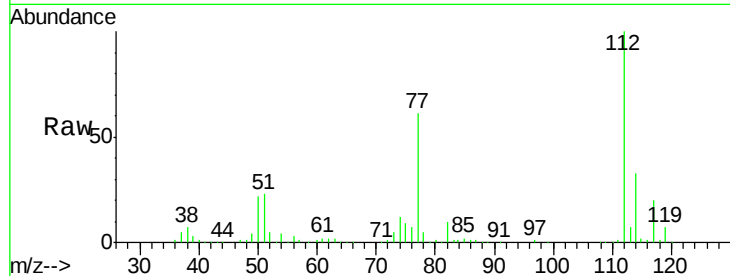




#65
Chlorobenzene
Concen: 20.844 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

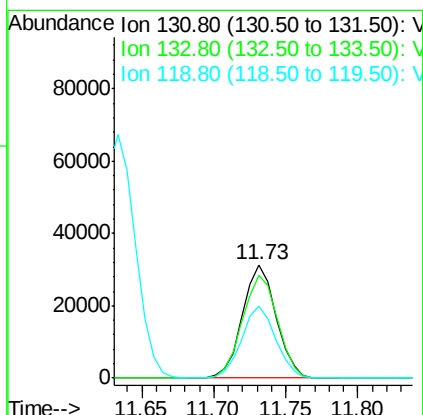
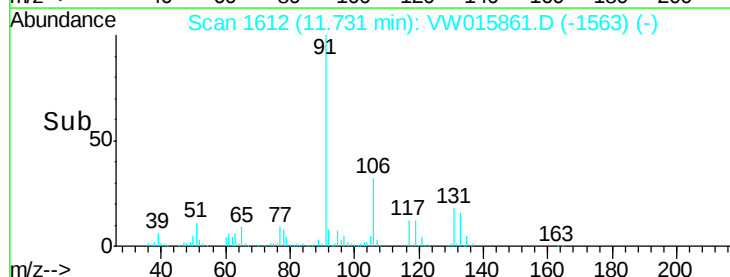
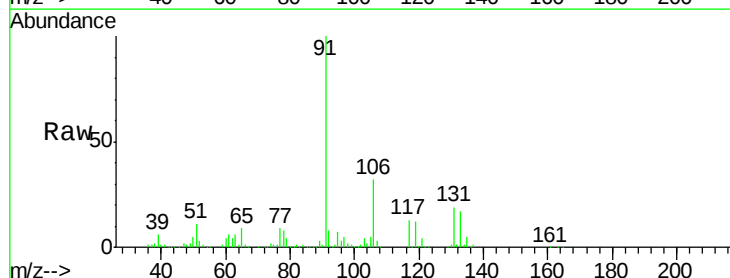
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

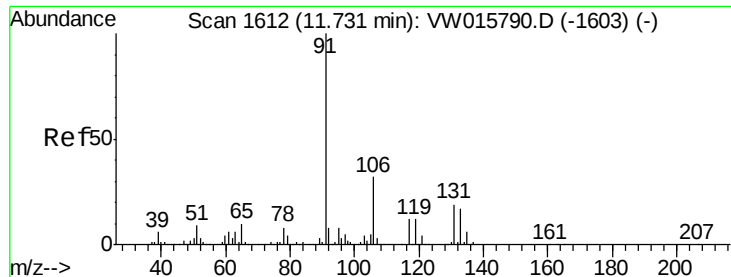
Tgt Ion:112 Resp: 147472
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.271 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:131 Resp: 50752
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.2
119 64.3 32.3 96.8

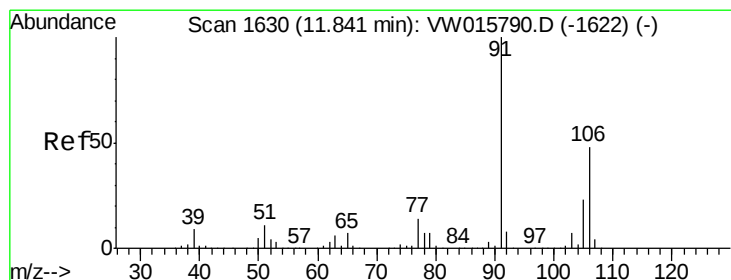
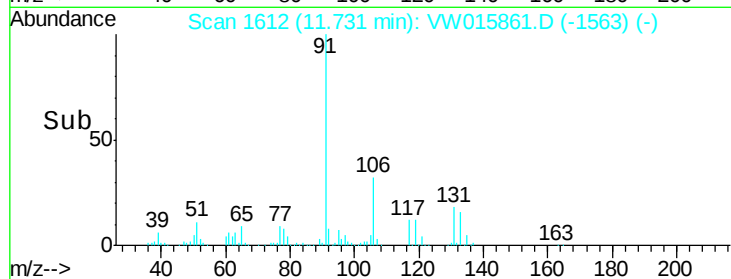
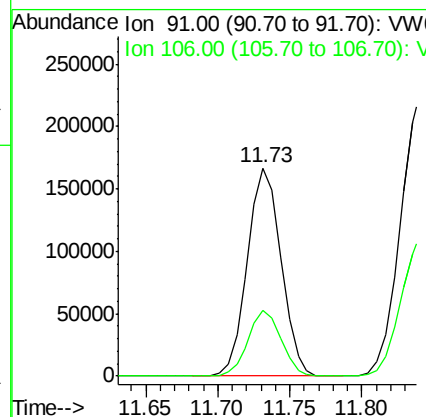
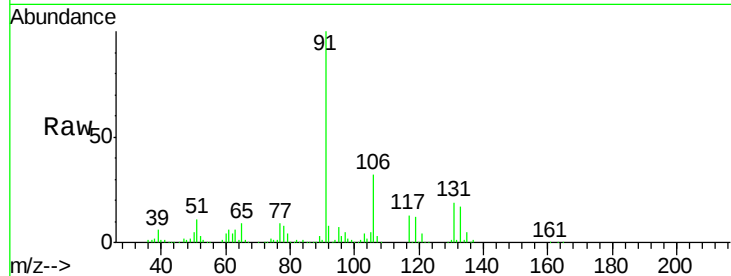




#67
Ethyl Benzene
Concen: 20.656 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

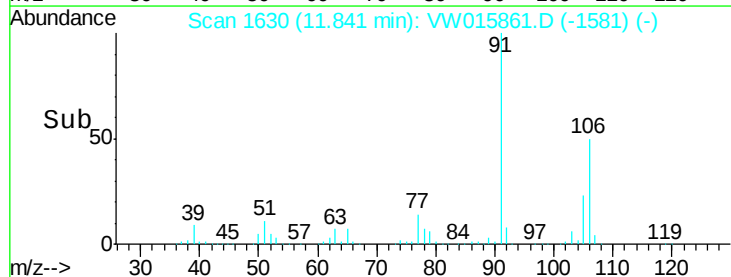
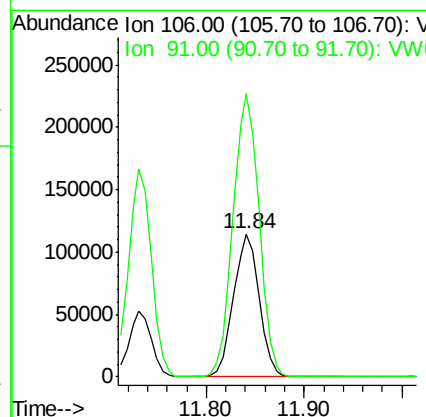
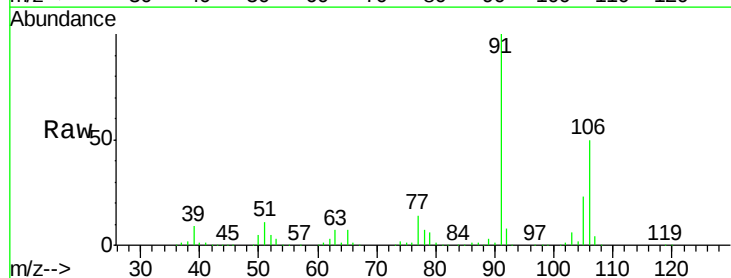
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

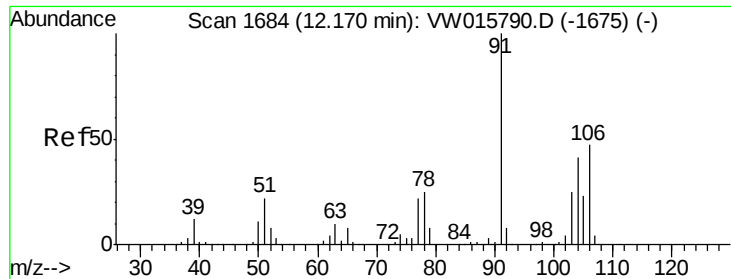
Tgt Ion: 91 Resp: 270634
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 42.111 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 106 Resp: 207259
Ion Ratio Lower Upper
106 100
91 202.8 164.1 246.1

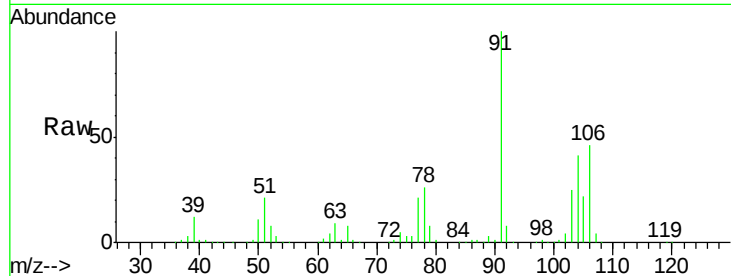




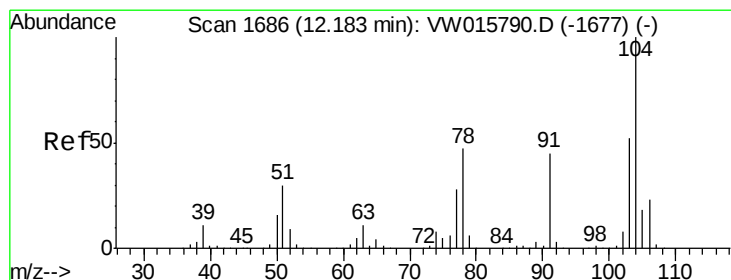
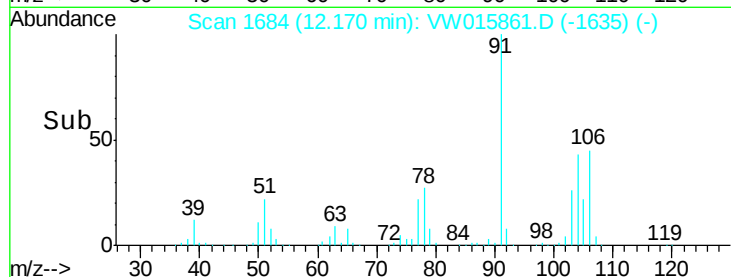
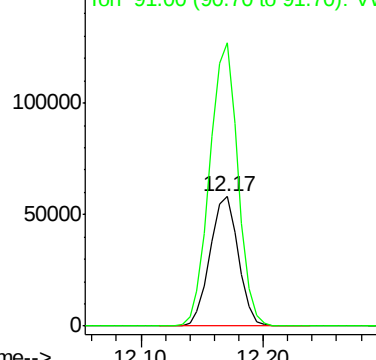
#69
o-Xylene
Concen: 20.769 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion:106 Resp: 93308
Ion Ratio Lower Upper
106 100
91 217.7 108.5 325.3

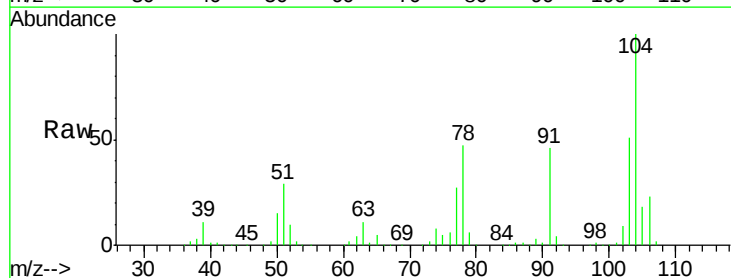


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

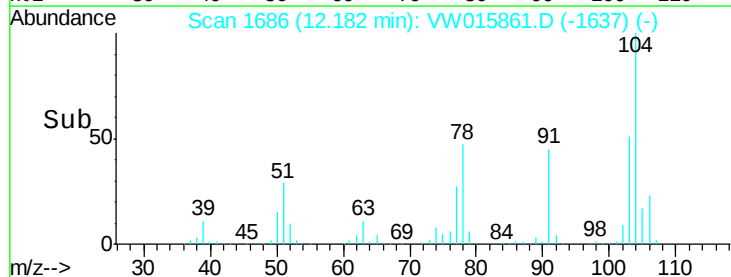
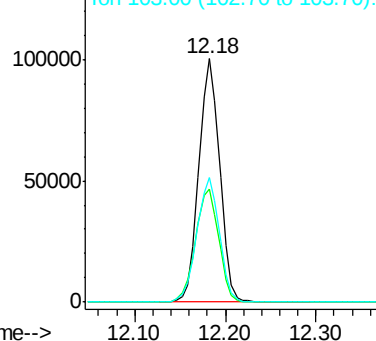


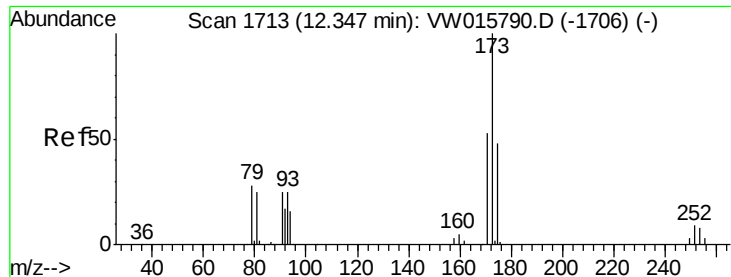
#70
Styrene
Concen: 20.765 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:104 Resp: 160514
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.633 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

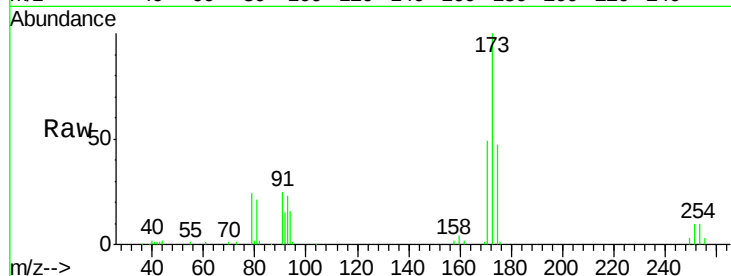
Tgt Ion:173 Resp: 22437

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.5

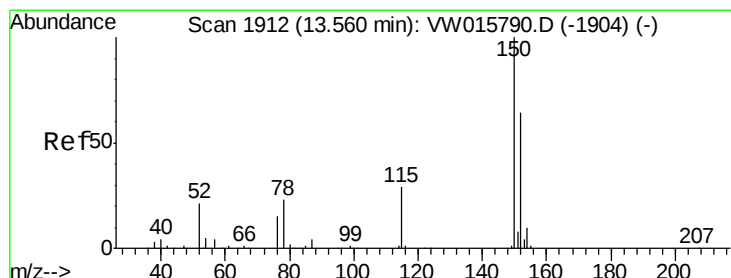
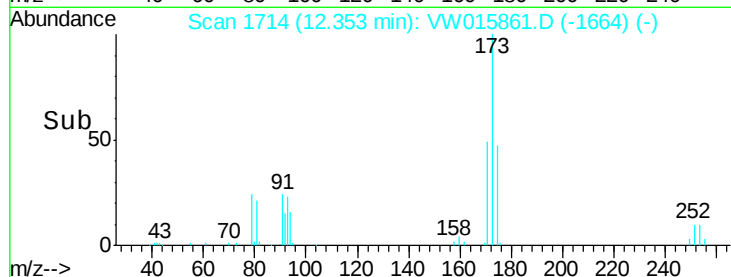
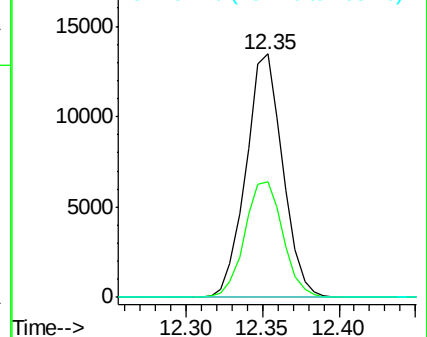
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

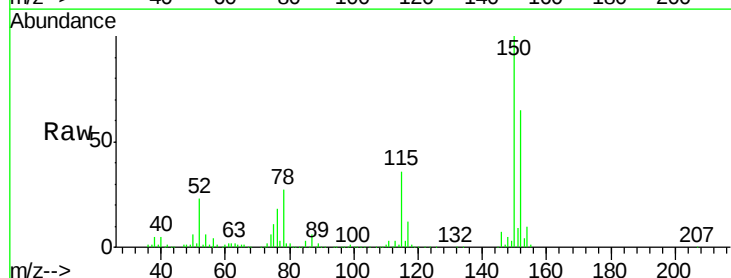
Tgt Ion:152 Resp: 178095

Ion Ratio Lower Upper

152 100

115 60.6 29.9 89.7

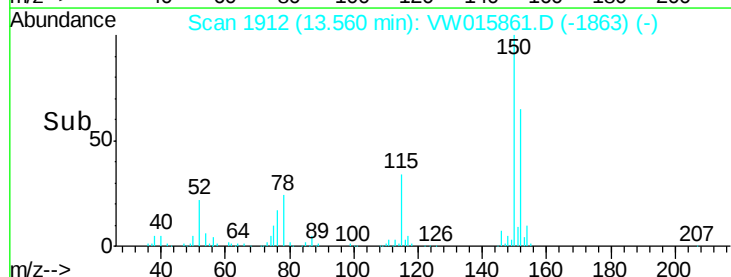
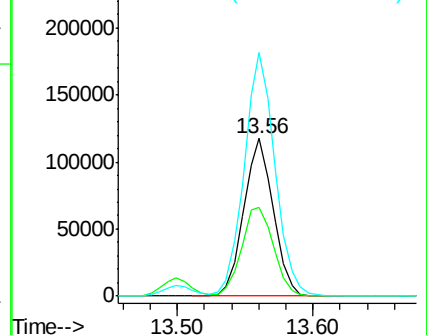
150 161.3 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.684 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

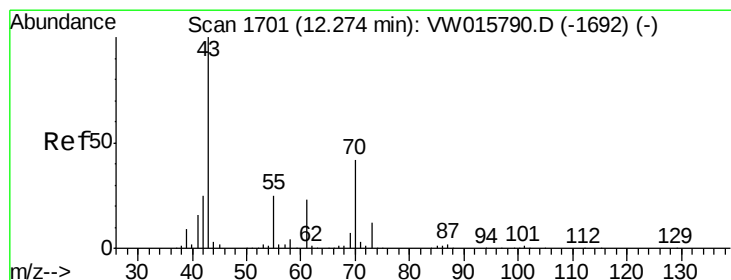
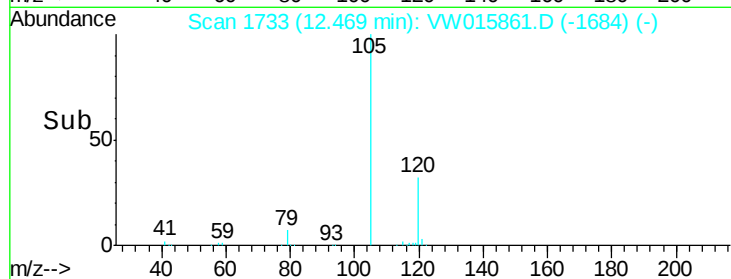
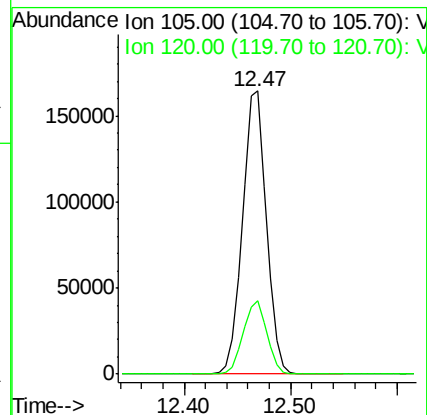
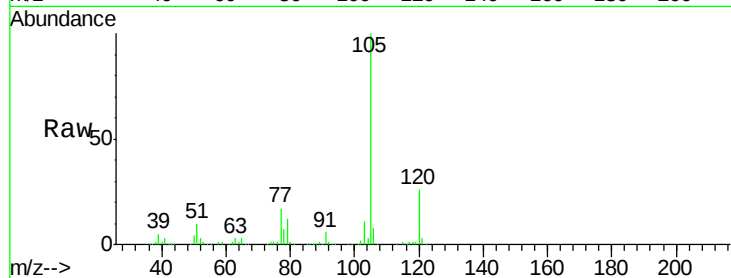
VW0716SBS01

Tgt Ion:105 Resp: 259520

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



#74

N-ethyl acetate

Concen: 19.843 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Tgt Ion: 43 Resp: 53265

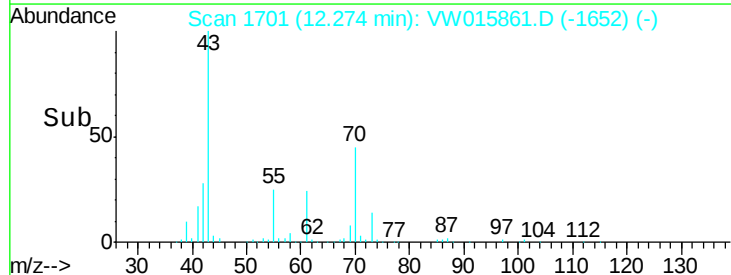
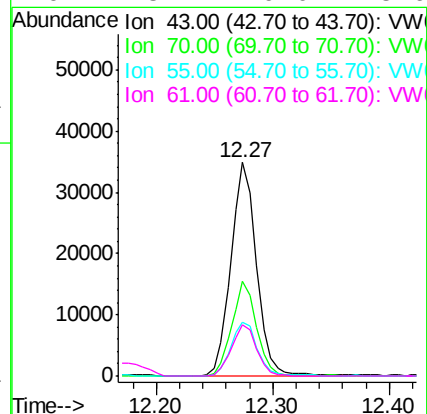
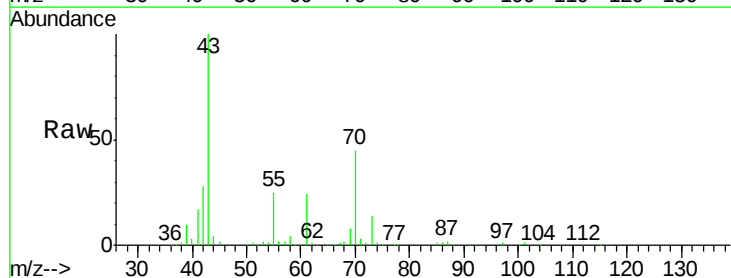
Ion Ratio Lower Upper

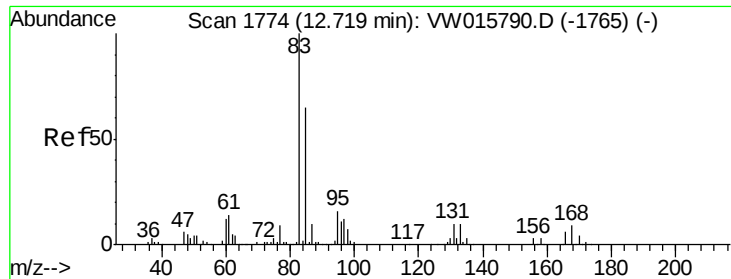
43 100

70 43.3 34.1 51.1

55 26.4 20.0 30.0

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.946 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

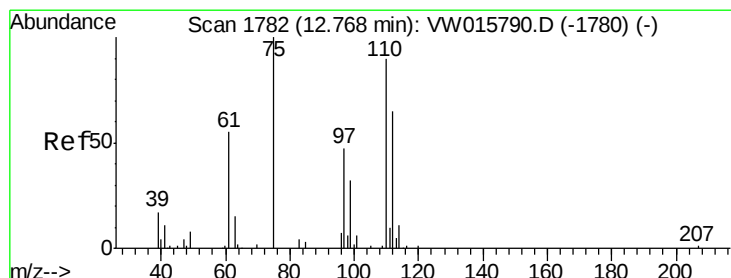
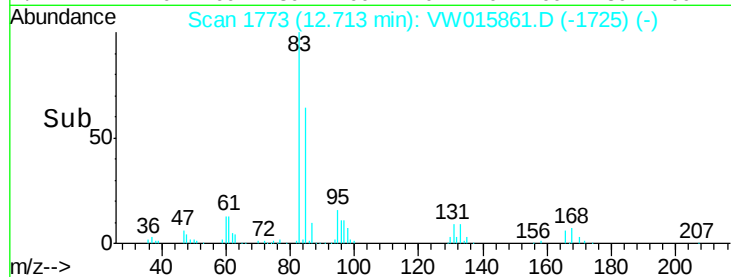
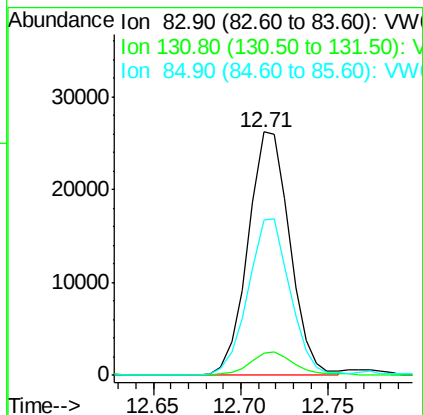
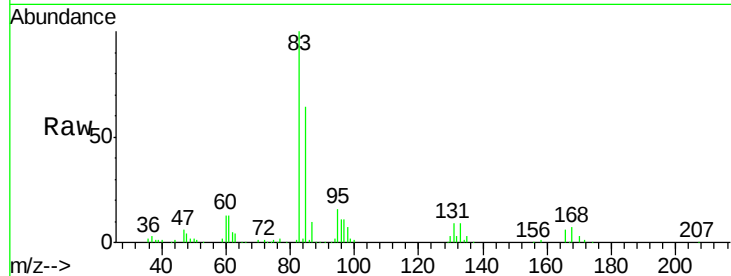
Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

Tgt Ion:	83	Resp:	43666
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	16.1
85	64.5	31.9	95.9



#76

1,2,3-Trichloropropane

Concen: 35.088 ug/l

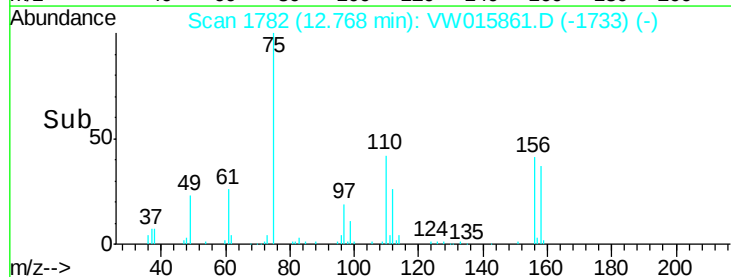
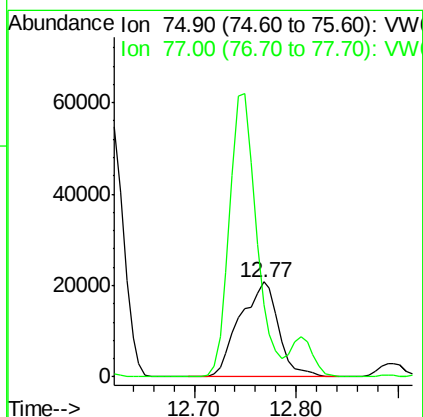
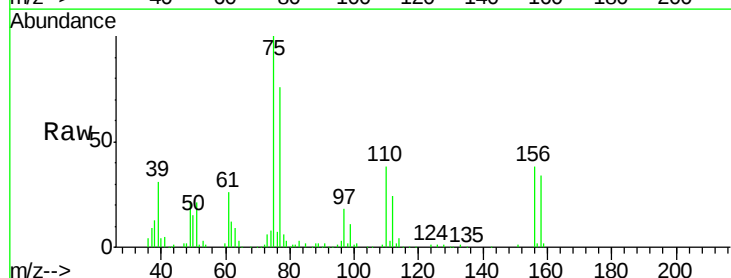
RT: 12.77 min Scan# 1782

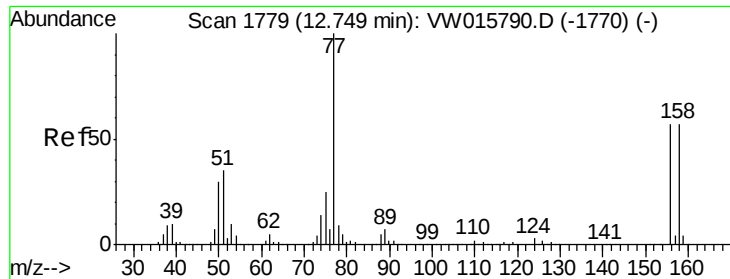
Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Tgt Ion:	75	Resp:	54920
Ion	Ratio	Lower	Upper
75	100		
77	208.4	177.3	532.0





#77

Bromobenzene

Concen: 20.695 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

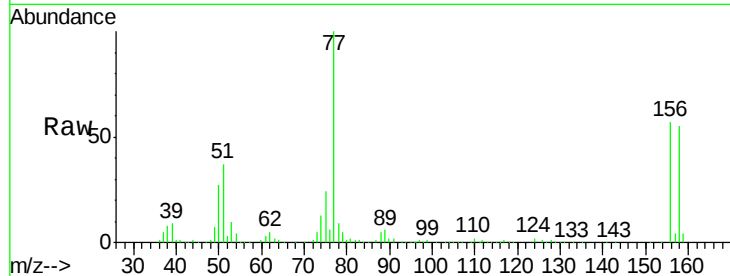
Tgt Ion: 156 Resp: 58221

Ion Ratio Lower Upper

156 100

77 196.6 98.8 296.4

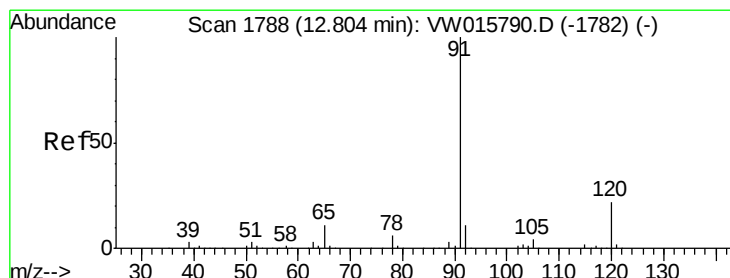
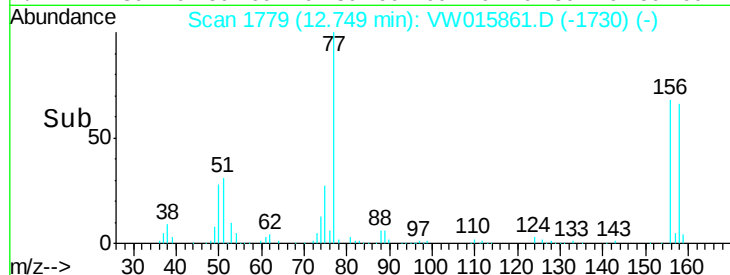
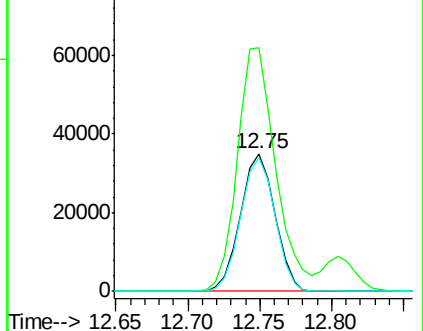
158 96.9 50.0 149.8



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: 21.447 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015861.D

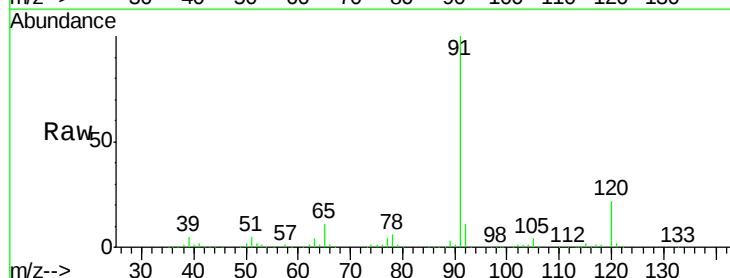
Acq: 16 Jul 2020 14:43

Tgt Ion: 91 Resp: 326619

Ion Ratio Lower Upper

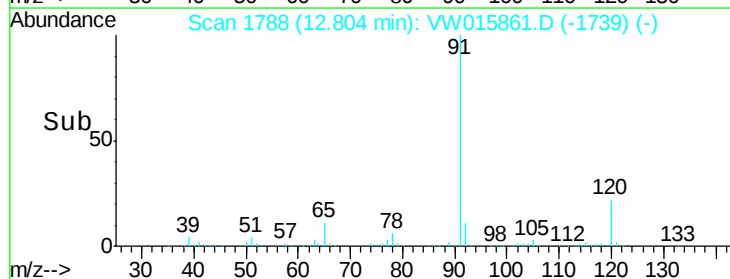
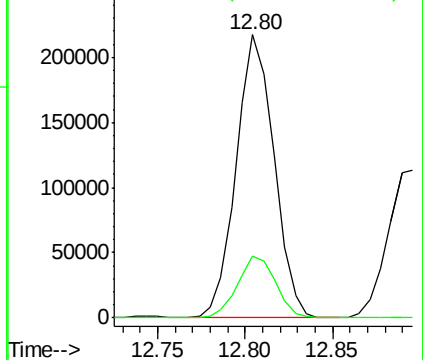
91 100

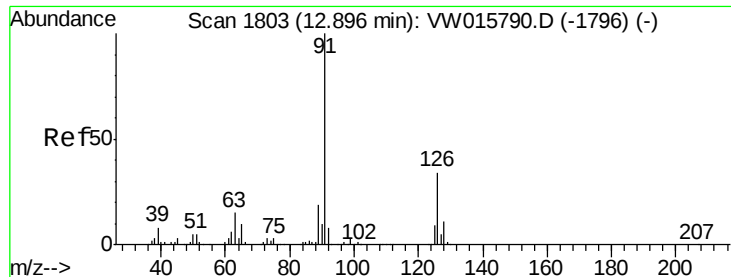
120 22.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.280 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

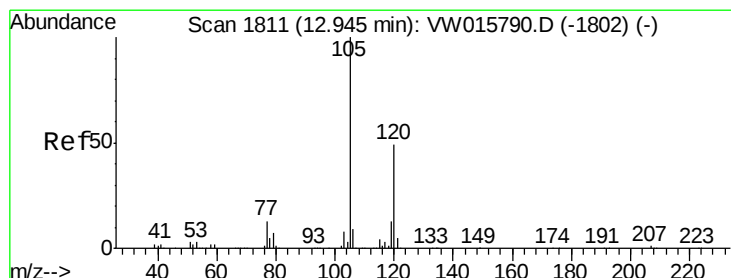
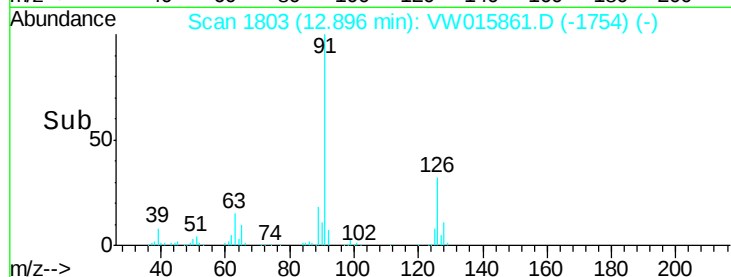
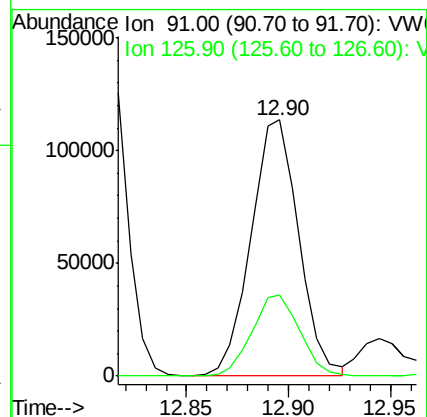
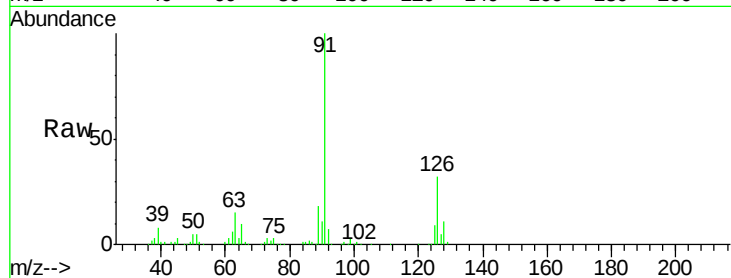
VW0716SBS01

Tgt Ion: 91 Resp: 184806

Ion Ratio Lower Upper

91 100

126 31.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 21.136 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015861.D

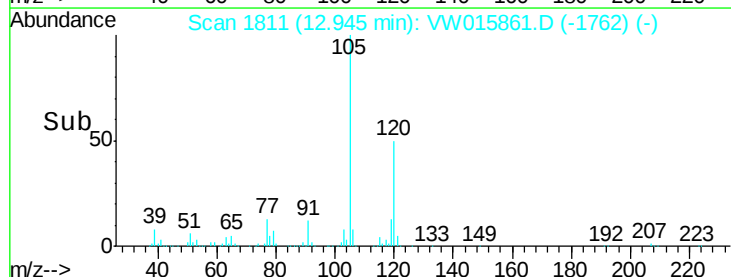
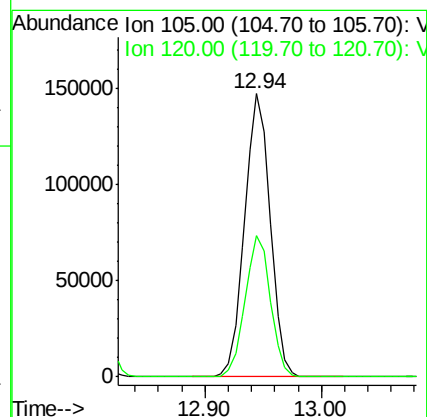
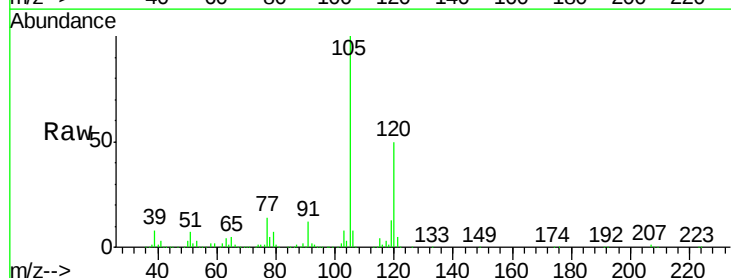
Acq: 16 Jul 2020 14:43

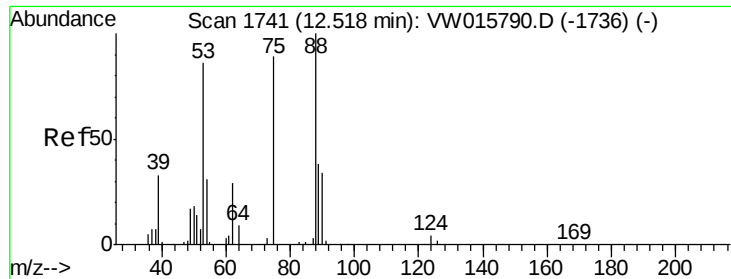
Tgt Ion: 105 Resp: 226014

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3

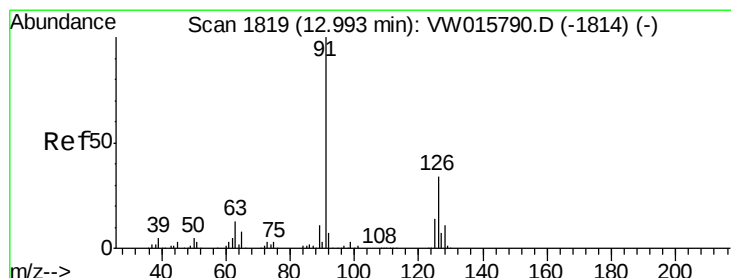
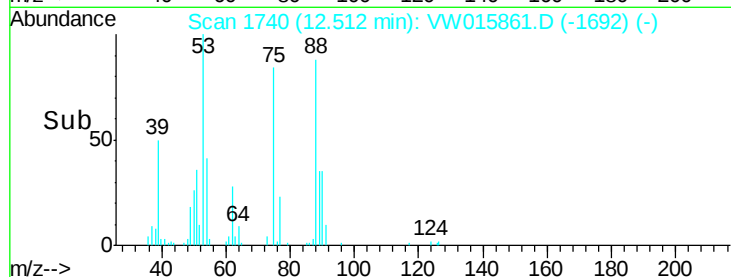
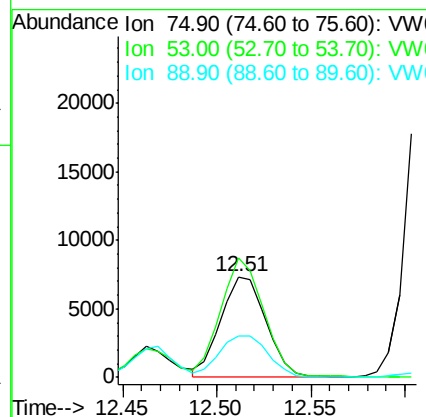
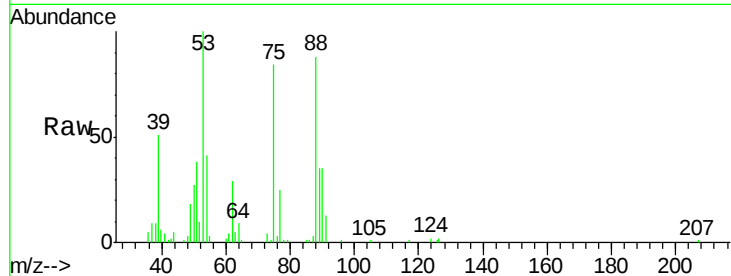




#81
trans-1,4-Dichloro-2-butene
Concen: 20.137 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

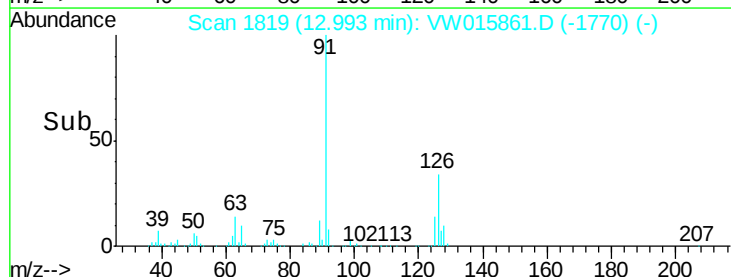
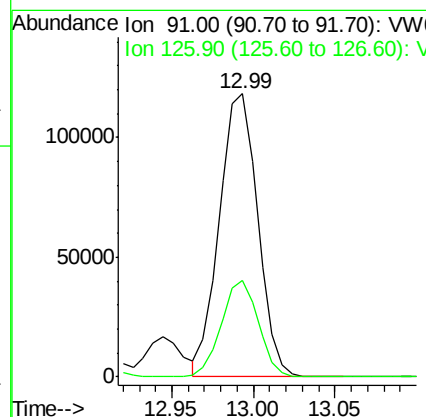
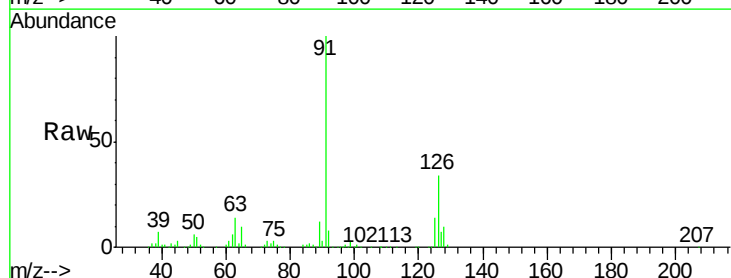
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

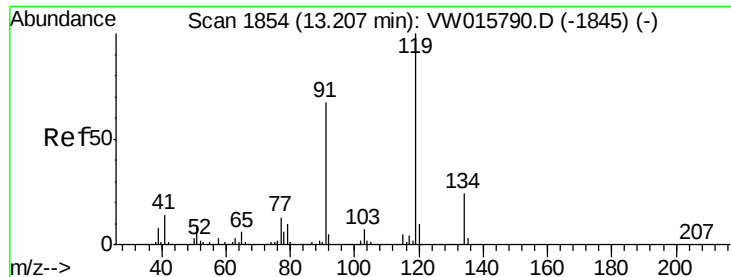
Tgt Ion: 75 Resp: 12244
Ion Ratio Lower Upper
75 100
53 113.9 85.9 128.9
89 44.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 21.347 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion: 91 Resp: 193596
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

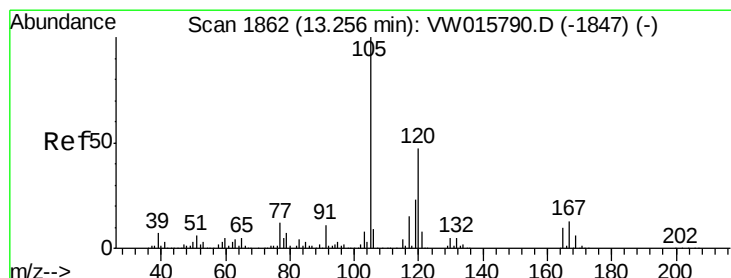
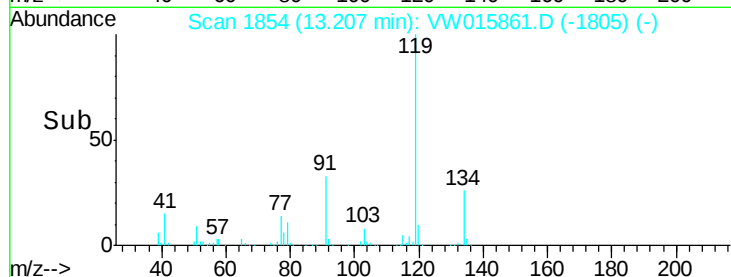
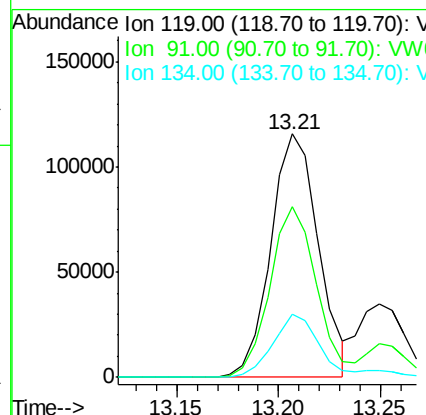
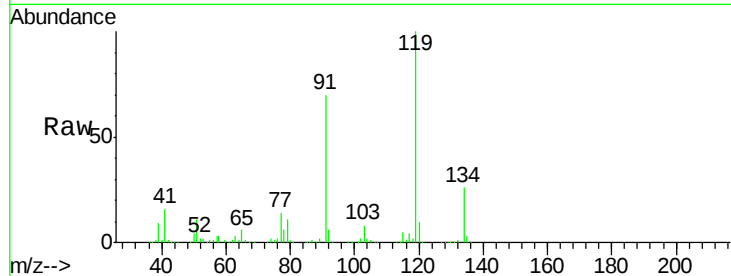




#83
 tert-Butylbenzene
 Concen: 21.183 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

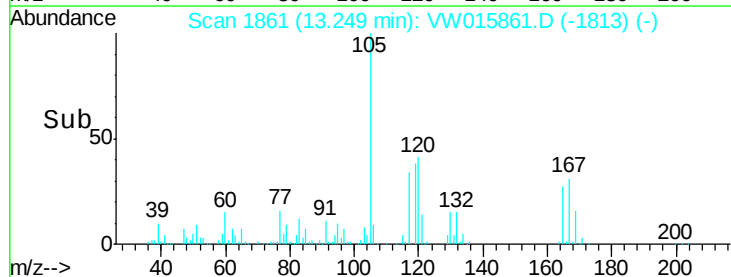
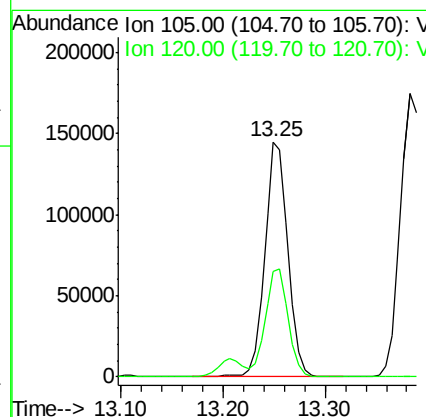
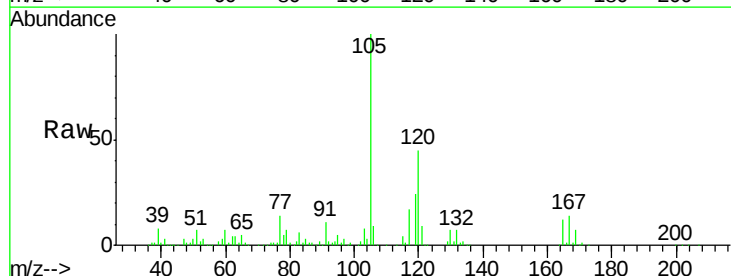
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

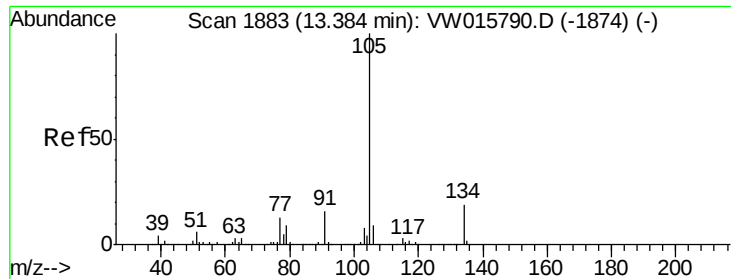
Tgt Ion:119 Resp: 188060
 Ion Ratio Lower Upper
 119 100
 91 69.1 34.4 103.3
 134 24.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.230 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion:105 Resp: 226715
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

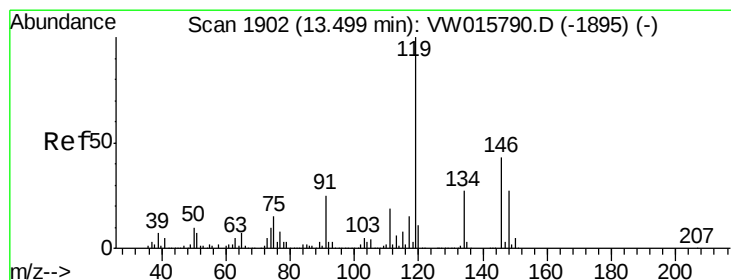
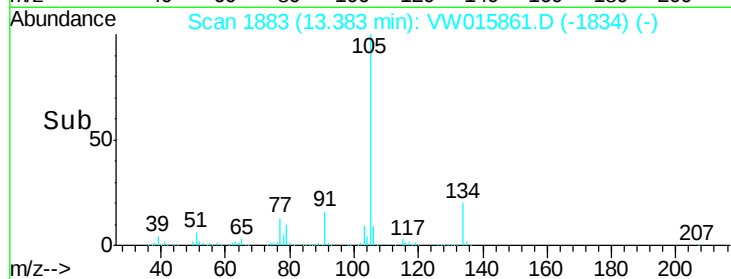
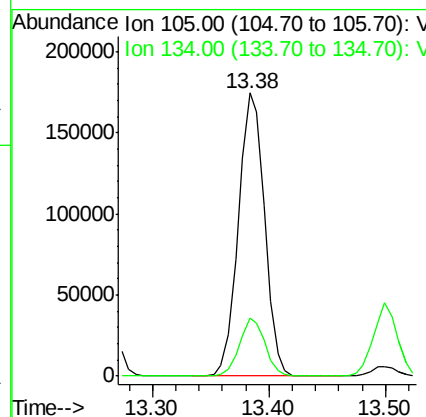
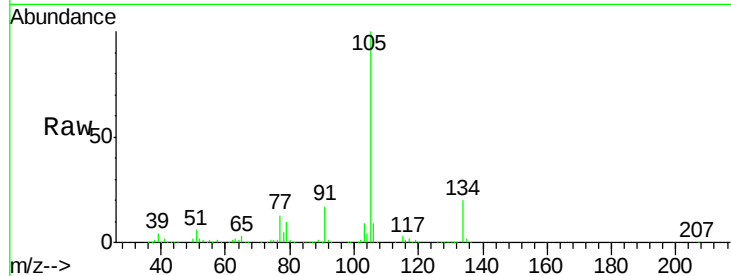




#85
 sec-Butylbenzene
 Concen: 21.346 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

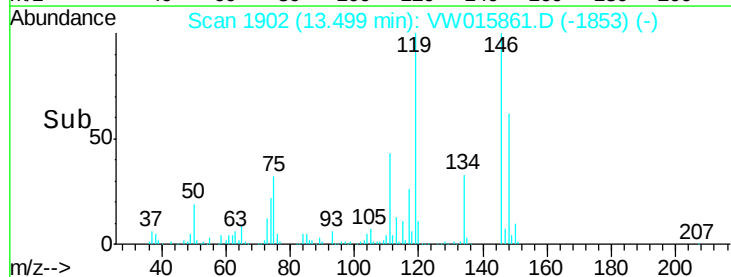
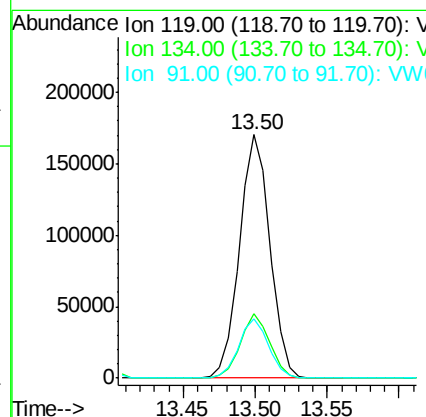
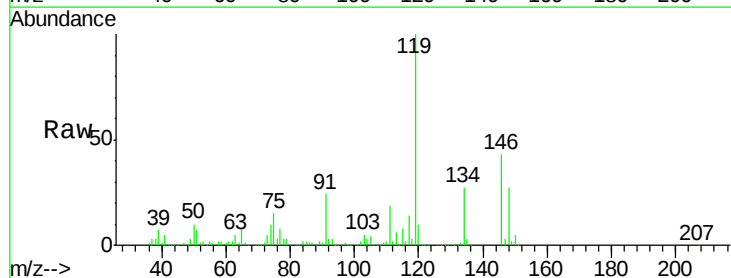
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

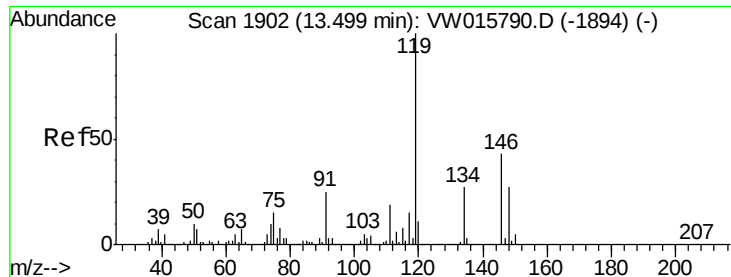
Tgt Ion:105 Resp: 273685
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 21.327 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion:119 Resp: 249695
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.812 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

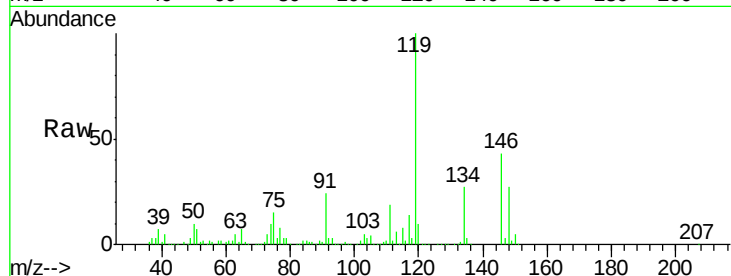
Tgt Ion:146 Resp: 117369

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.4

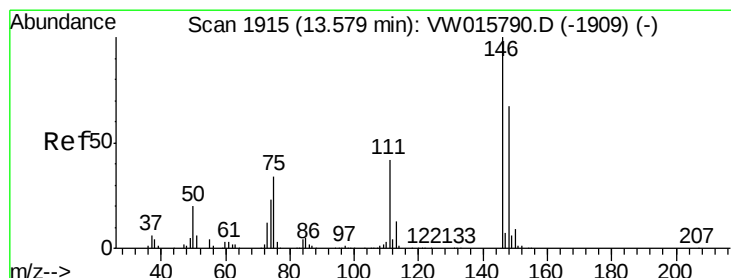
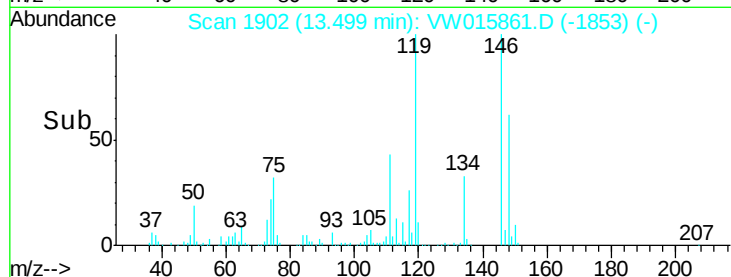
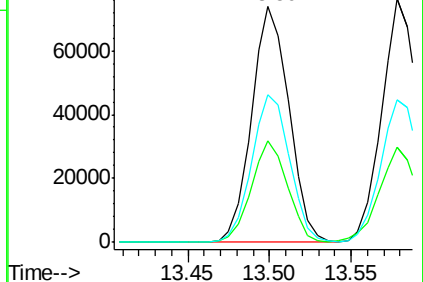
148 63.8 31.4 94.2



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



#88

1,4-Dichlorobenzene

Concen: 21.504 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

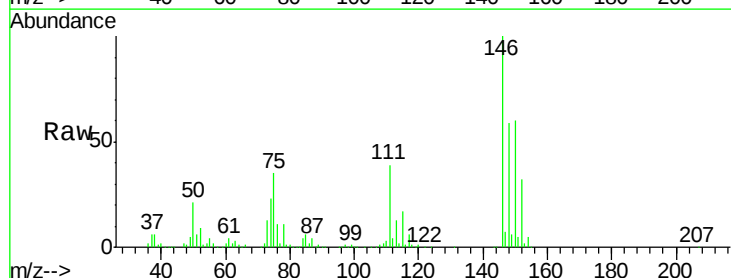
Tgt Ion:146 Resp: 118716

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.6

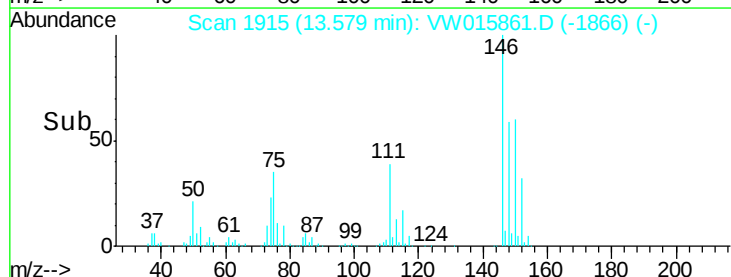
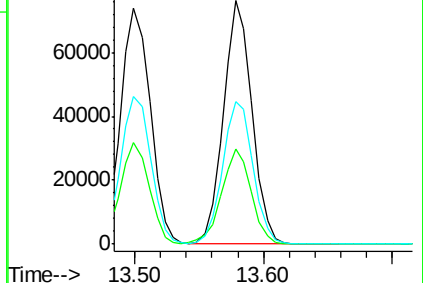
148 62.2 31.8 95.4

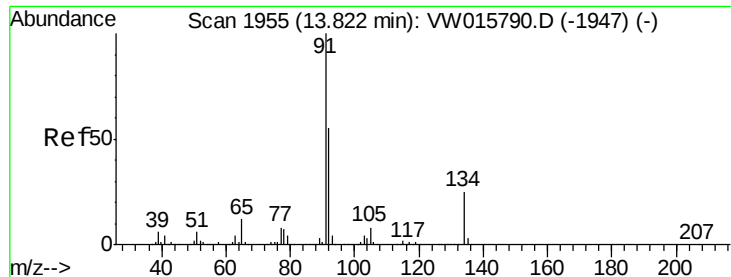


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.656 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015861.D

Acq: 16 Jul 2020 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

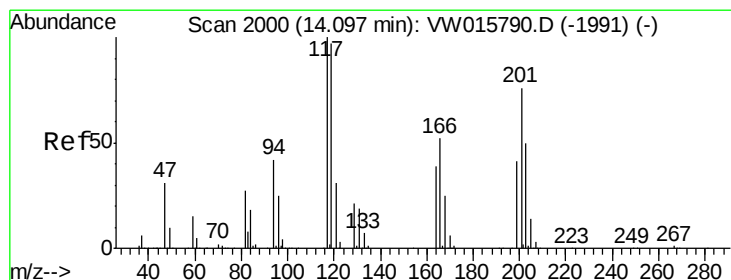
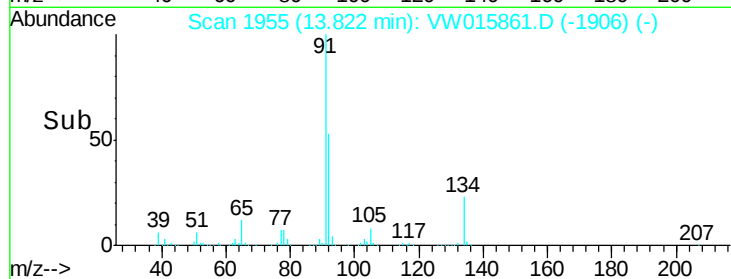
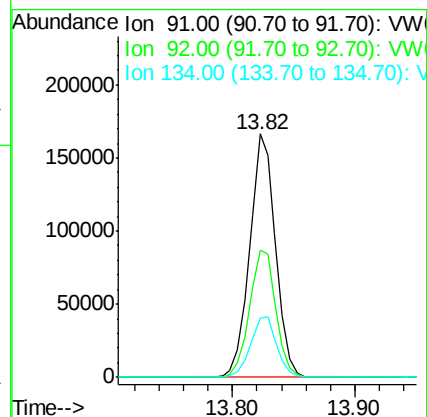
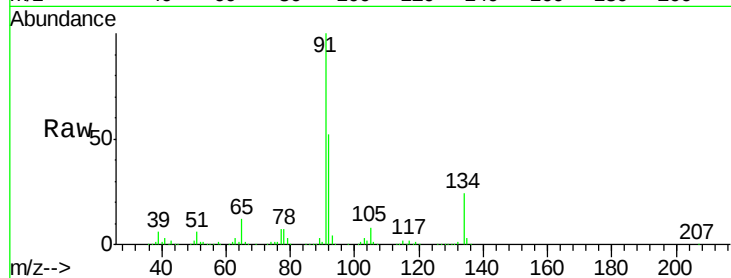
Tgt Ion: 91 Resp: 242631

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 20.278 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015861.D

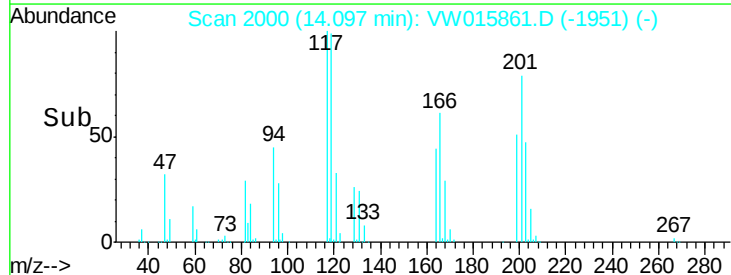
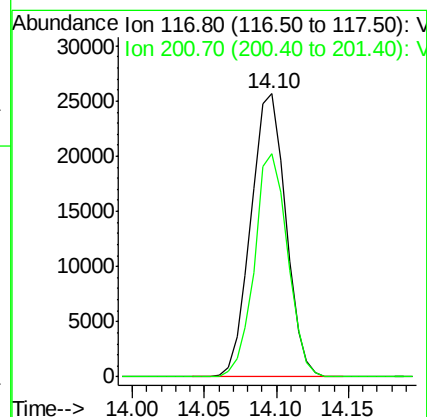
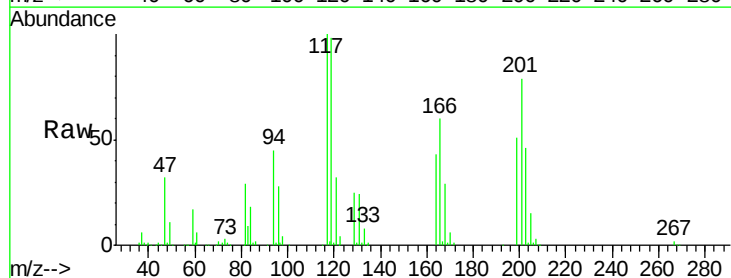
Acq: 16 Jul 2020 14:43

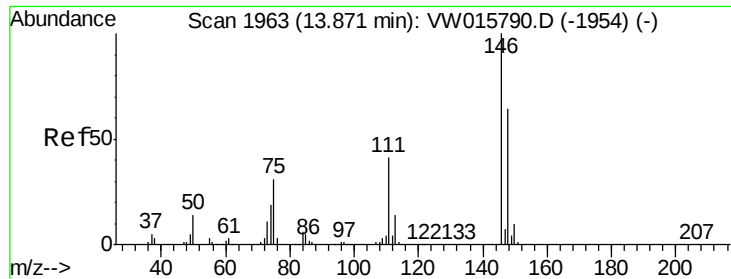
Tgt Ion: 117 Resp: 43032

Ion Ratio Lower Upper

117 100

201 74.8 37.1 111.3

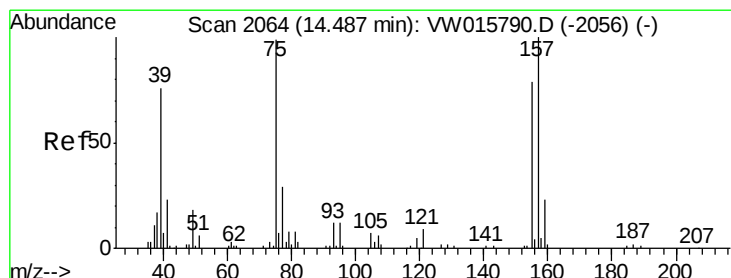
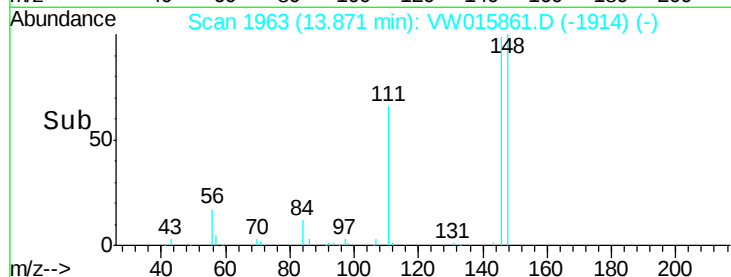
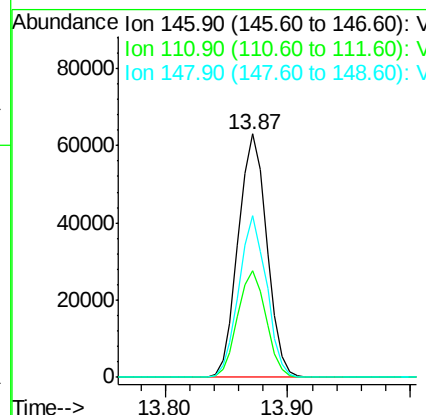
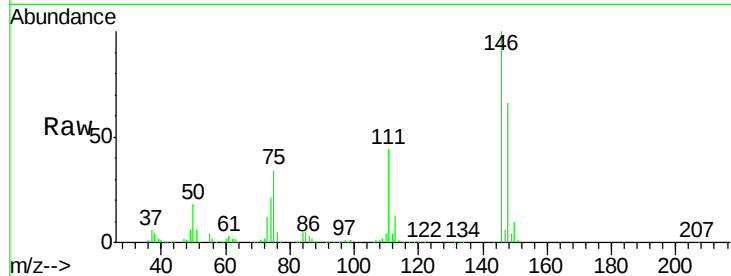




#91
 1,2-Dichlorobenzene
 Concen: 20.905 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

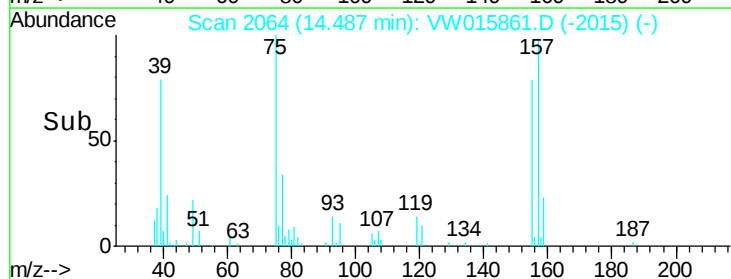
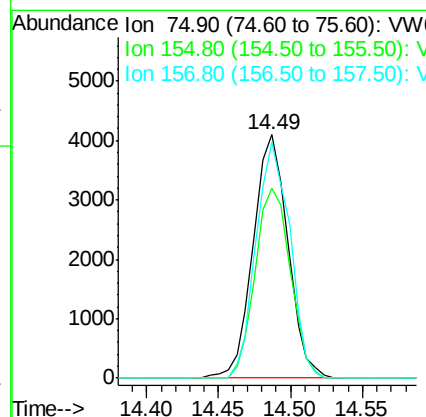
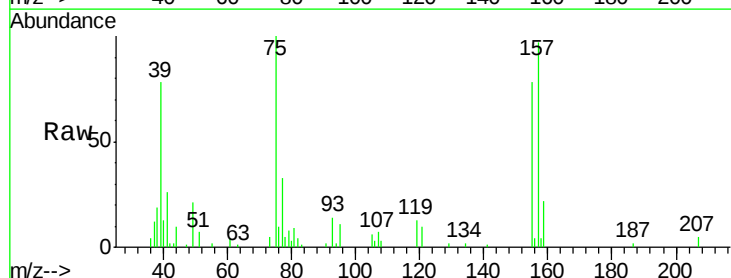
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

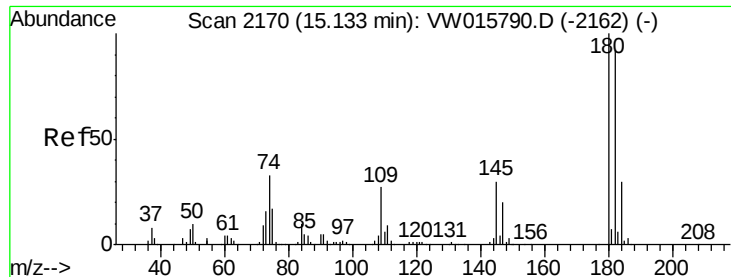
Tgt Ion: 146 Resp: 102139
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.6 61.9
 148 64.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.538 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion: 75 Resp: 6841
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.1 117.5
 157 94.0 49.1 147.4

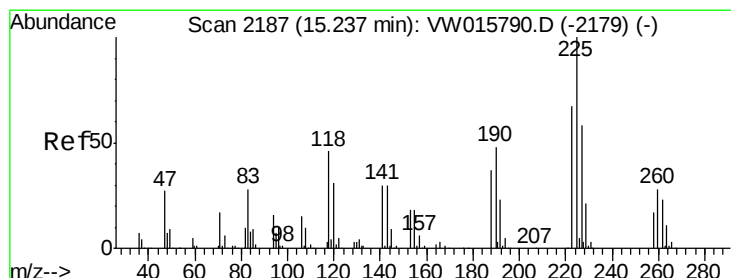
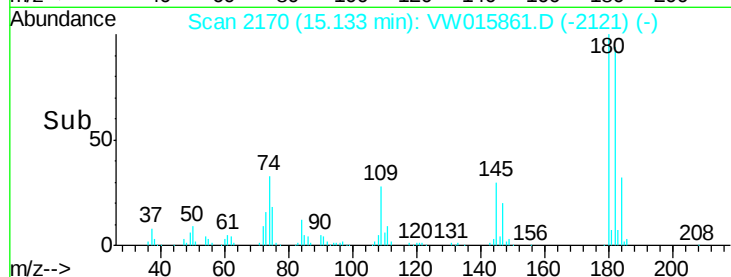
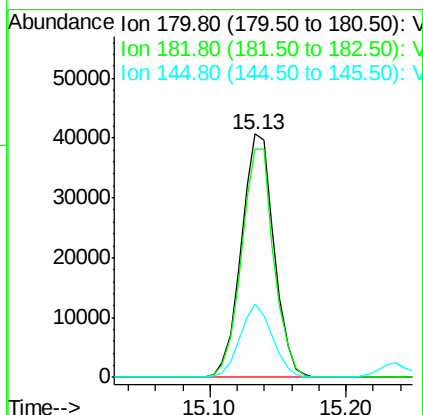
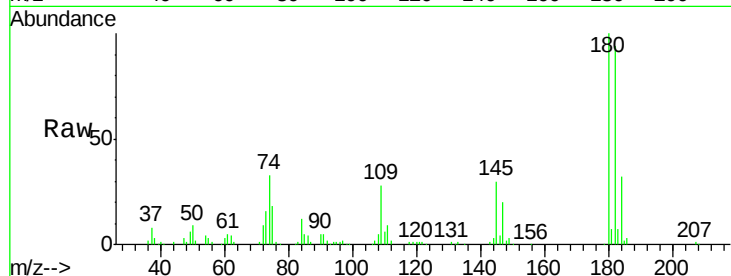




#93
 1,2,4-Trichlorobenzene
 Concen: 22.132 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

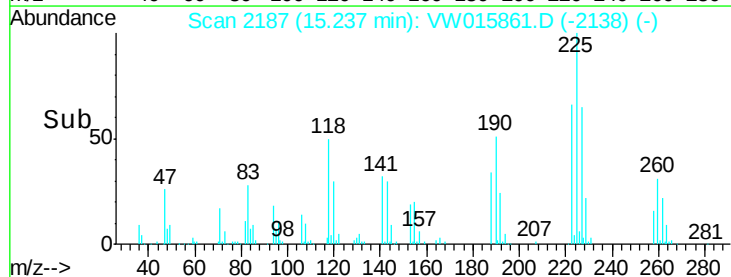
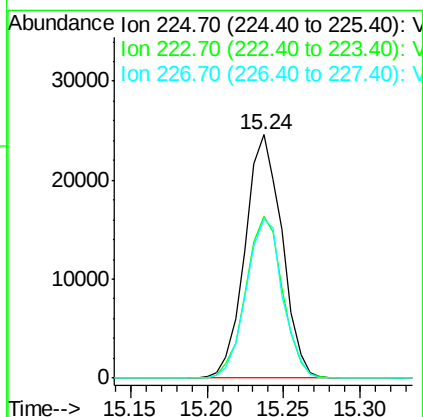
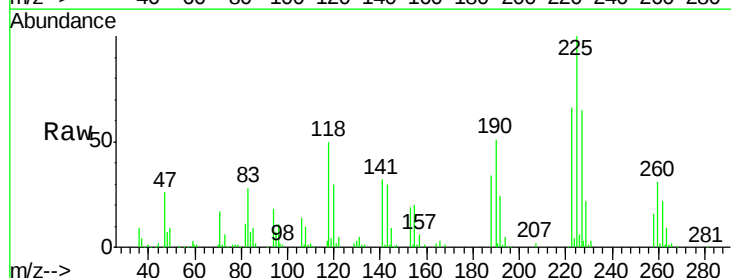
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

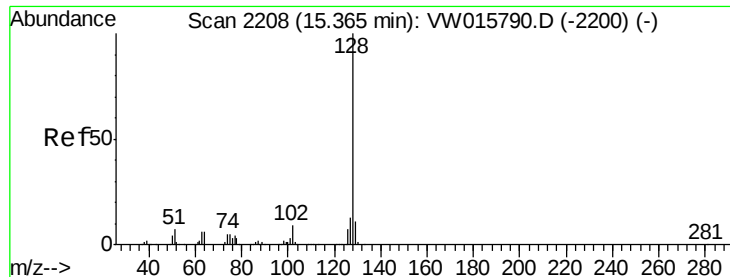
Tgt Ion:180 Resp: 68171
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.8 140.3
 145 29.9 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 21.119 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015861.D
 Acq: 16 Jul 2020 14:43

Tgt Ion:225 Resp: 41303
 Ion Ratio Lower Upper
 225 100
 223 66.1 32.4 97.2
 227 64.7 30.7 92.1

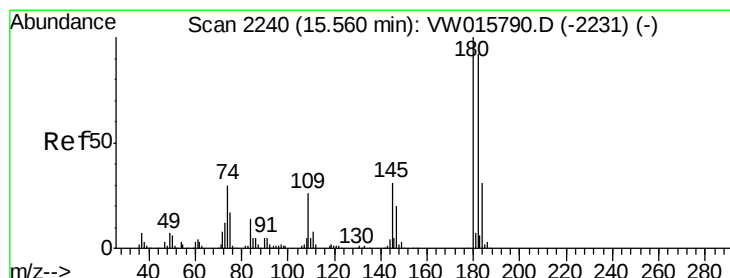
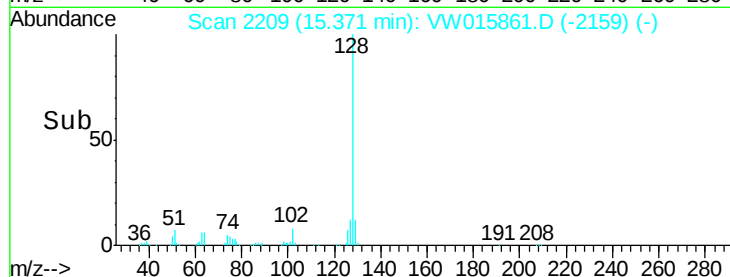
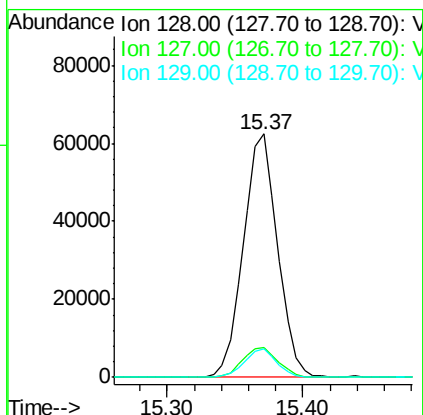
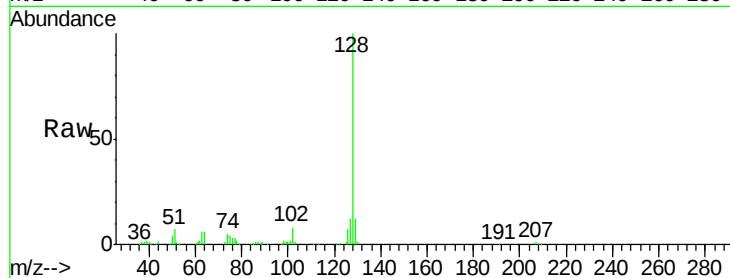




#95
Naphthalene
Concen: 20.821 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

Tgt Ion:128 Resp: 109796
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.165 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015861.D
Acq: 16 Jul 2020 14:43

Tgt Ion:180 Resp: 58095
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 32.5 16.7 50.0

