

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015807.D
 Acq On : 08 Jul 2020 14:18
 Operator : SY/VA
 Sample : L3126-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Quant Time: Jul 09 05:53:30 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	197489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98781	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	85729	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
50) Toluene-d8	10.32	98	339477	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.62	95	122411	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	3170	3.048	ug/l	97
3) Chloromethane	2.21	50	5036	3.565	ug/l	96
4) Vinyl Chloride	2.36	62	6472	2.968	ug/l	99
5) Bromomethane	2.78	94	5042	3.021	ug/l	96
6) Chloroethane	2.93	64	4198	2.852	ug/l	99
7) Trichlorofluoromethane	3.26	101	4163	2.656	ug/l	94
8) Diethyl Ether	3.68	74	3161	3.237	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4918	2.680	ug/l	98
10) Methyl Iodide	4.28	142	6924	2.699	ug/l	99
11) Tert butyl alcohol	5.23	59	2148	18.915	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	5142	2.850	ug/l	91
13) Acrolein	3.90	56	1785	12.653	ug/l	92
14) Allyl chloride	4.67	41	7953	2.712	ug/l	98
15) Acrylonitrile	5.38	53	5186	13.582	ug/l	99
16) Acetone	4.14	43	7299	19.182	ug/l #	87
17) Carbon Disulfide	4.38	76	14202	2.647	ug/l	97
18) Methyl Acetate	4.68	43	2937	3.392	ug/l #	80
19) Methyl tert-butyl Ether	5.43	73	7285	2.698	ug/l #	84
20) Methylene Chloride	4.92	84	22028	9.968	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	5740	2.747	ug/l	87
22) Diisopropyl ether	6.32	45	15068	2.550	ug/l	93
23) Vinyl Acetate	6.26	43	40764	11.599	ug/l	99
24) 1,1-Dichloroethane	6.22	63	10040	2.684	ug/l	100
25) 2-Butanone	7.18	43	7725	14.956	ug/l	94
26) 2,2-Dichloropropane	7.17	77	7777	3.314	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	6005	2.677	ug/l	88
28) Bromochloromethane	7.51	49	3974	2.680	ug/l #	98
29) Tetrahydrofuran	7.54	42	4089	13.046	ug/l	98
30) Chloroform	7.68	83	10387	2.716	ug/l	96
31) Cyclohexane	7.95	56	13334	3.787	ug/l #	62
32) 1,1,1-Trichloroethane	7.88	97	8538	2.663	ug/l	96
36) 1,1-Dichloropropene	8.09	75	8338	2.699	ug/l	98
37) Ethyl Acetate	7.26	43	3588	2.989	ug/l #	96
38) Carbon Tetrachloride	8.07	117	7722	2.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	9231	2.532	ug/l	94
40) Benzene	8.32	78	22823	2.697	ug/l	96
41) Methacrylonitrile	7.49	41	1274	1.870	ug/l #	68
42) 1,2-Dichloroethane	8.40	62	7488	2.843	ug/l	100
43) Isopropyl Acetate	8.43	43	5864	2.503	ug/l	97
44) Trichloroethene	9.09	130	6102	2.726	ug/l	95
45) 1,2-Dichloropropane	9.37	63	5440	2.615	ug/l	100
46) Dibromomethane	9.46	93	2804	2.619	ug/l	97
47) Bromodichloromethane	9.65	83	6950	2.509	ug/l	100
48) Methyl methacrylate	9.44	41	2611	2.432	ug/l #	91
49) 1,4-Dioxane	9.48	88	703	53.102	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	14039	12.279	ug/l	97
52) Toluene	10.39	92	14593	2.680	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	6106	2.298	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	7520	2.366	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	3968	2.672	ug/l	95
56) Ethyl methacrylate	10.65	69	4064	2.226	ug/l	88
57) 1,3-Dichloropropane	10.93	76	6728	2.560	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	11205	12.562	ug/l	94
59) 2-Hexanone	10.98	43	9184	12.037	ug/l	94
60) Dibromochloromethane	11.13	129	4128	2.407	ug/l	94
61) 1,2-Dibromoethane	11.24	107	3481	2.450	ug/l	99
64) Tetrachloroethene	10.87	164	5352	2.963	ug/l	94
65) Chlorobenzene	11.66	112	15339	2.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	4981	2.521	ug/l	96
67) Ethyl Benzene	11.73	91	27617	2.672	ug/l	100
68) m/p-Xylenes	11.84	106	19133	4.927	ug/l	95
69) o-Xylene	12.17	106	8754	2.470	ug/l	97
70) Styrene	12.18	104	13939	2.285	ug/l	97
71) Bromoform	12.35	173	2046	2.269	ug/l #	95
73) Isopropylbenzene	12.46	105	23675	2.493	ug/l	99
74) N-amyl acetate	12.27	43	4658	2.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	4448	2.819	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	5451	4.602	ug/l #	1
77) Bromobenzene	12.75	156	6182	2.904	ug/l	92
78) n-propylbenzene	12.80	91	31741	2.754	ug/l	98
79) 2-Chlorotoluene	12.90	91	17955	2.732	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	20924	2.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	66634	143.780	ug/l #	7
82) 4-Chlorotoluene	12.99	91	19076	2.779	ug/l	100
83) tert-Butylbenzene	13.21	119	16949	2.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	20519	2.539	ug/l	99
85) sec-Butylbenzene	13.38	105	26042	2.684	ug/l	99
86) p-Isopropyltoluene	13.50	119	22812	2.575	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	11859	2.779	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	11869	2.841	ug/l	83
89) n-Butylbenzene	13.82	91	22592	2.664	ug/l	97
90) Hexachloroethane	14.10	117	4068	2.533	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	10189	2.756	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	793	3.146	ug/l	79

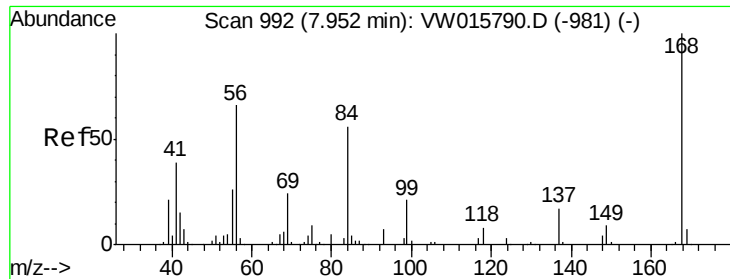
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6580	2.823	ug/l	99
94) Hexachlorobutadiene	15.24	225	4369	2.952	ug/l	98
95) Naphthalene	15.37	128	9596	2.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	5888	2.968	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: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

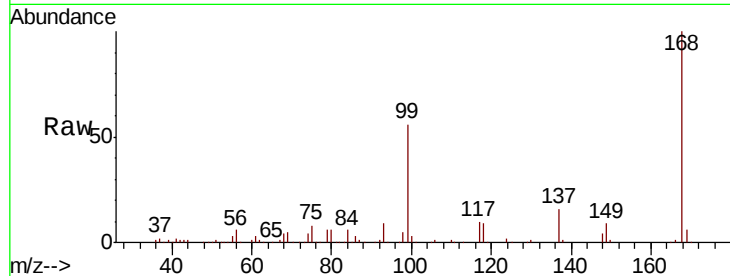
TP-8-S1

Tot Ion:168 Resp: 197489

Ion Ratio Lower Upper

168 100

99 55.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

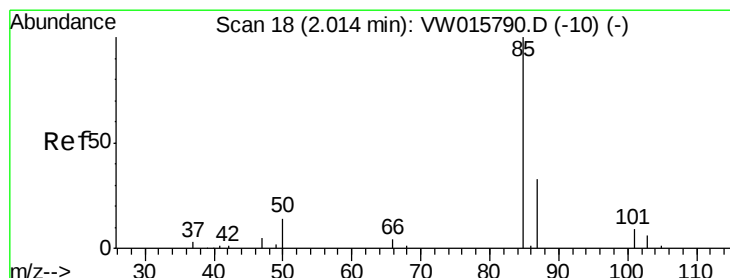
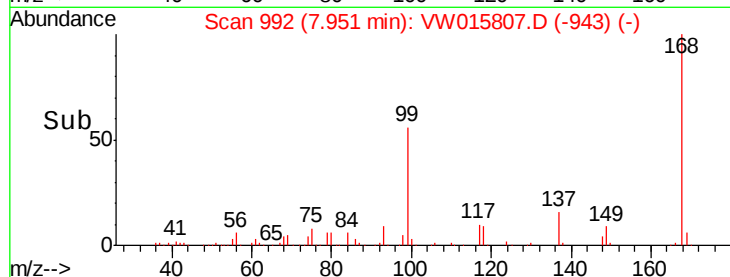
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.048 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015807.D

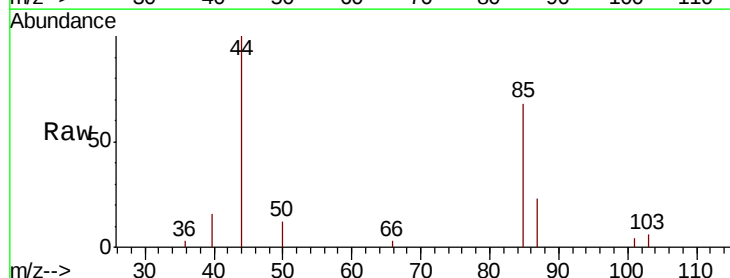
Acq: 08 Jul 2020 14:18

Tgt Ion: 85 Resp: 3170

Ion Ratio Lower Upper

85 100

87 34.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

1200

1000

800

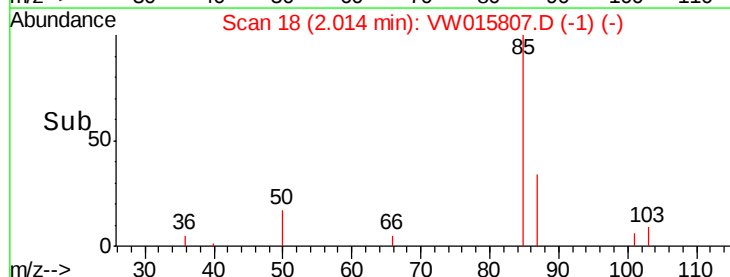
600

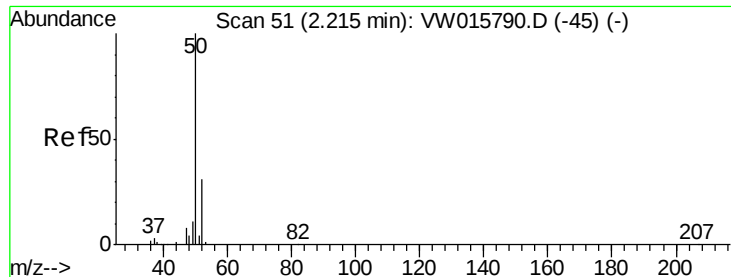
400

200

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 3.565 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

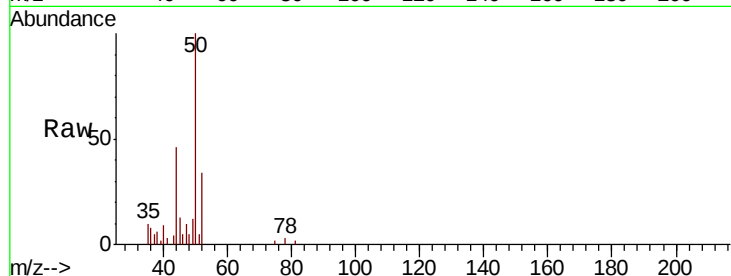
TP-8-S1

Tot Ion: 50 Resp: 5036

Ion Ratio Lower Upper

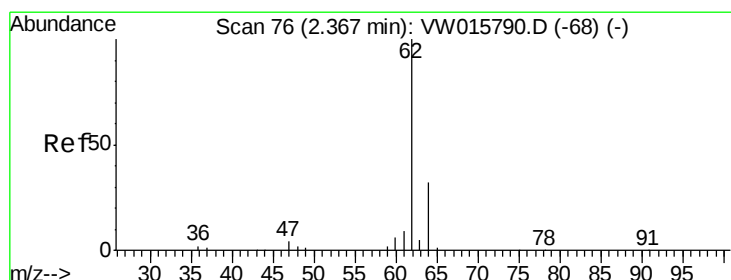
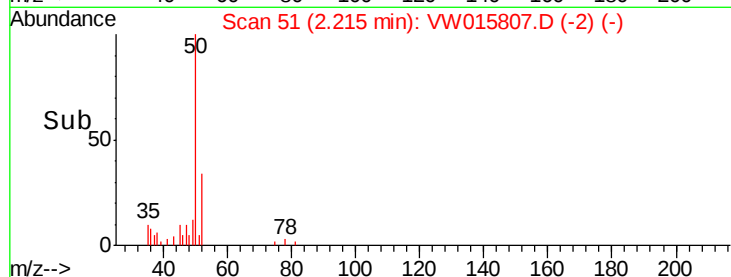
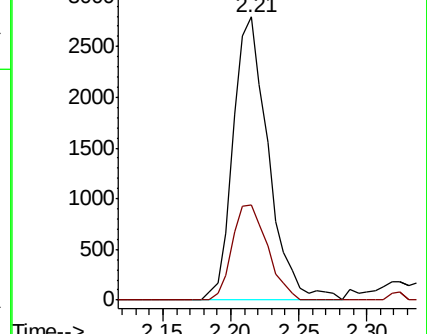
50 100

52 33.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 2.968 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015807.D

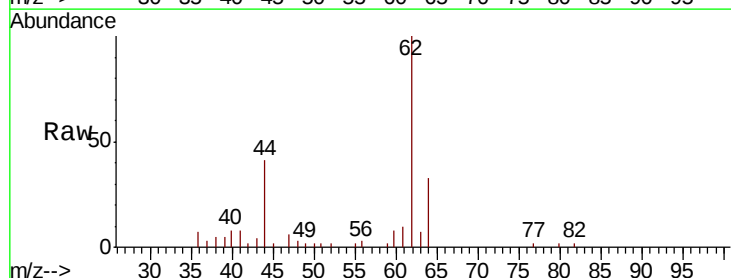
Acq: 08 Jul 2020 14:18

Tgt Ion: 62 Resp: 6472

Ion Ratio Lower Upper

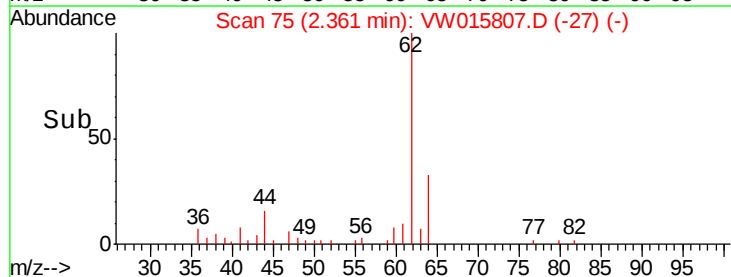
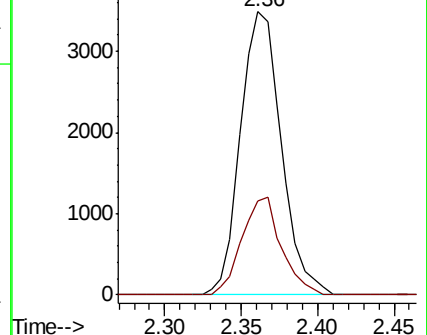
62 100

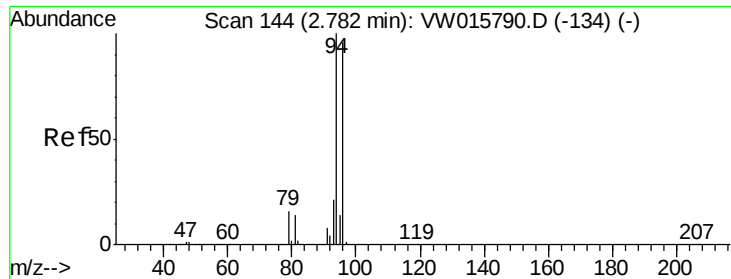
64 33.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 3.021 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015807.D

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Instrument :

MSVOA_W

ClientSampleId :

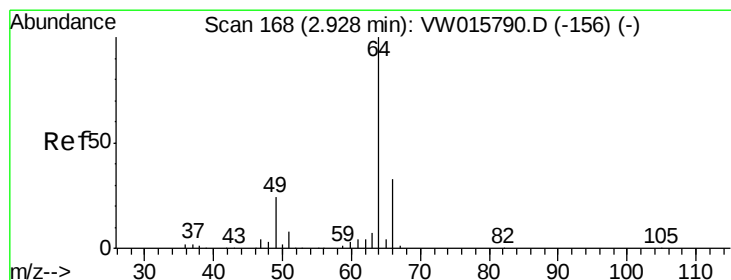
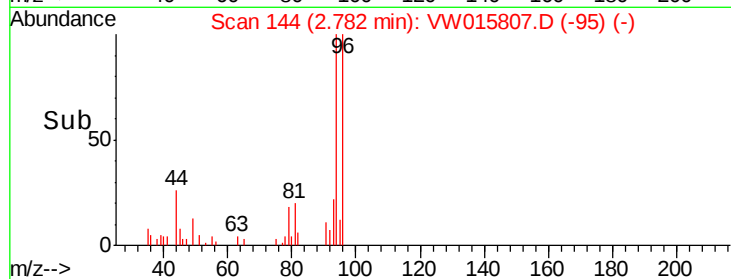
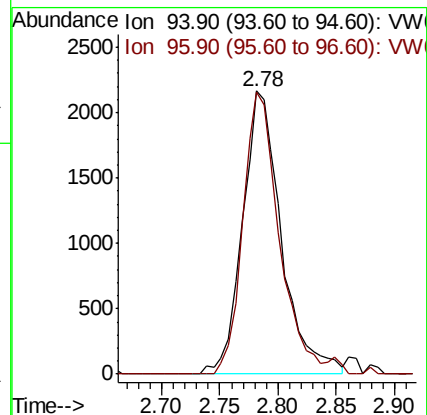
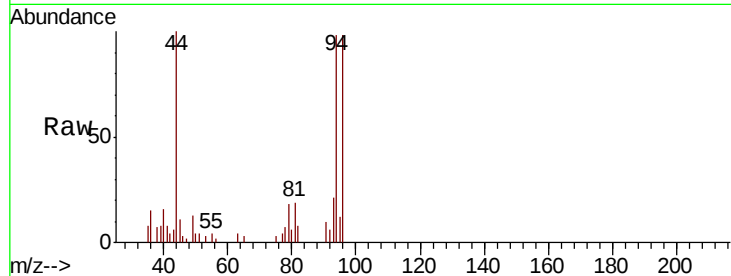
TP-8-S1

Tot Ion: 94 Resp: 5042

Ion Ratio Lower Upper

94 100

96 99.7 76.7 115.1



#6

Chloroethane

Concen: 2.852 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW015807.D

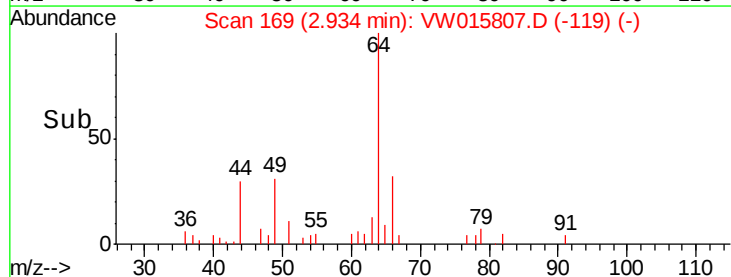
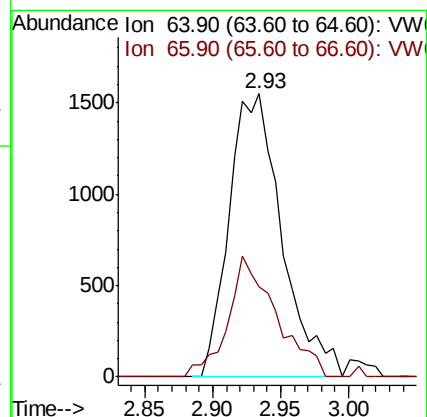
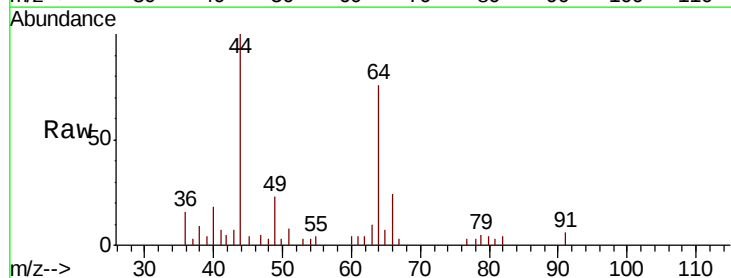
Acq: 08 Jul 2020 14:18

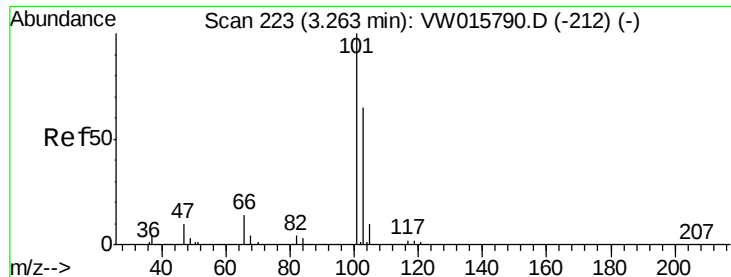
Tgt Ion: 64 Resp: 4198

Ion Ratio Lower Upper

64 100

66 32.1 26.0 39.0



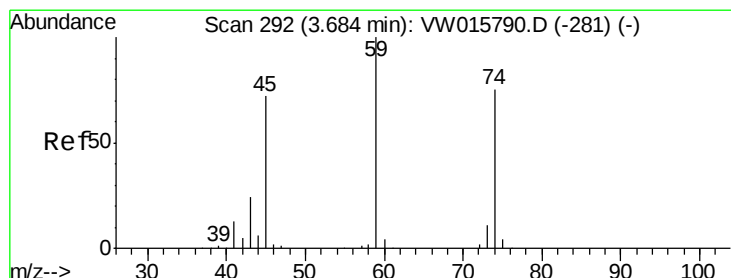
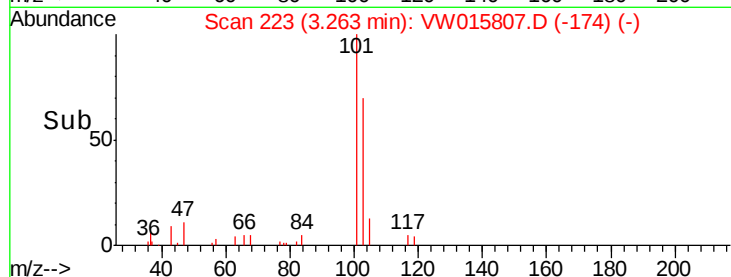
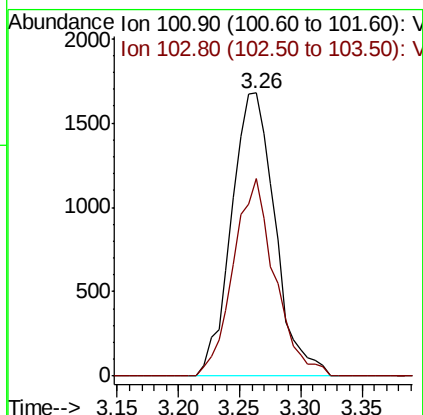
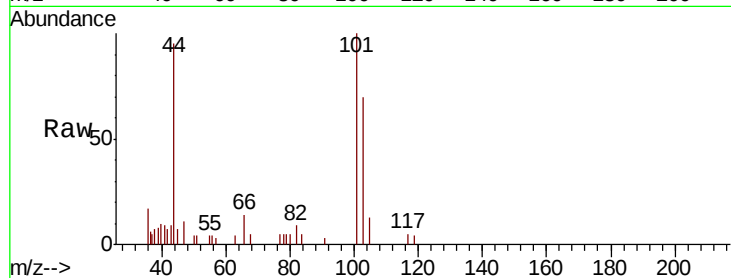


#7

Trichlorofluoromethane
 Concen: 2.656 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
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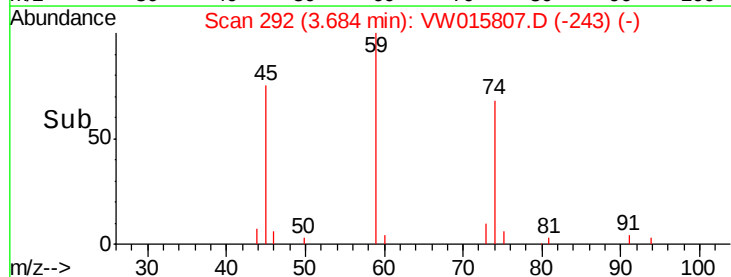
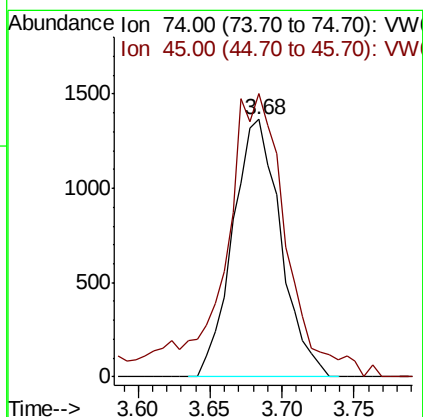
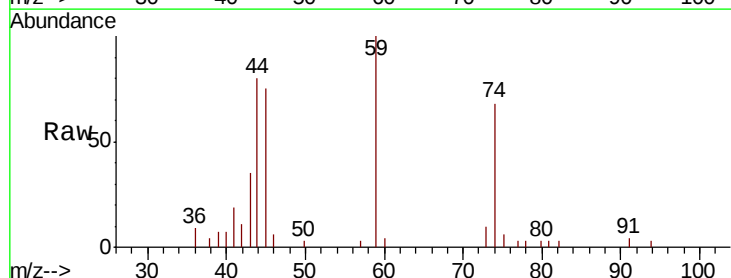
Tot Ion:101 Resp: 4163
 Ion Ratio Lower Upper
 101 100
 103 69.7 52.2 78.4

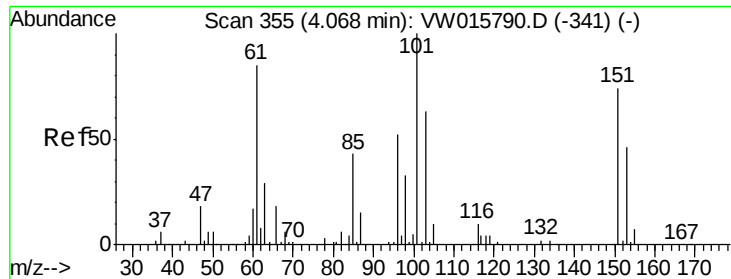


#8

Diethyl Ether
 Concen: 3.237 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 74 Resp: 3161
 Ion Ratio Lower Upper
 74 100
 45 142.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.680 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

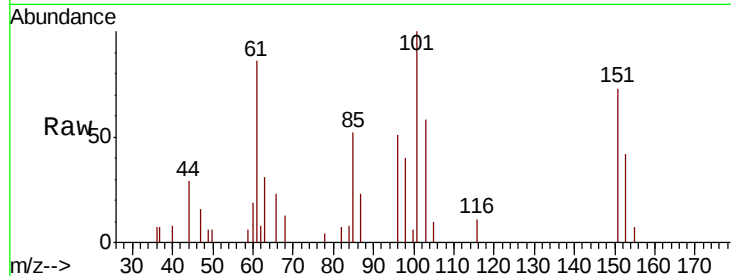
Tot Ion:101 Resp: 4918

Ion Ratio Lower Upper

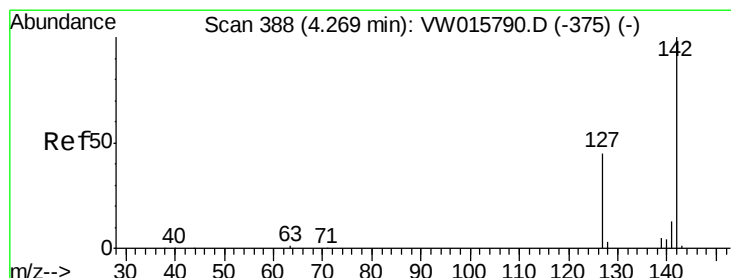
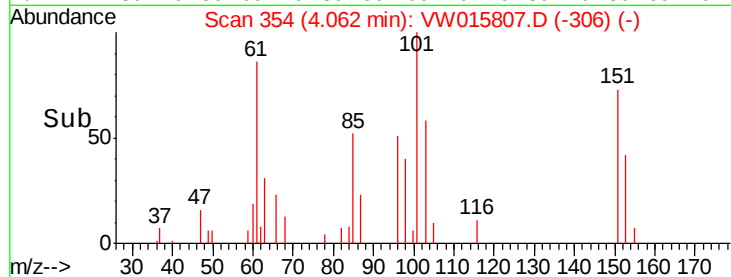
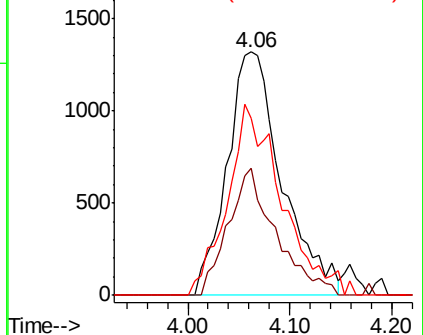
101 100

85 45.4 36.1 54.1

151 77.8 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: 2.699 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

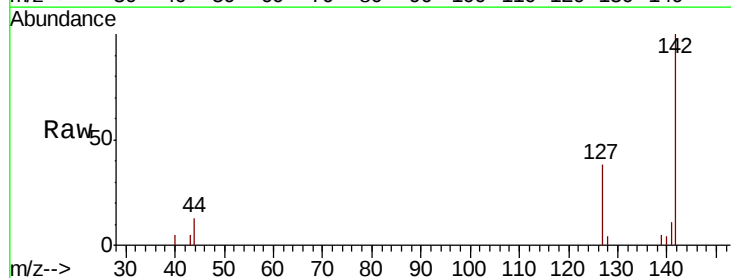
Tgt Ion:142 Resp: 6924

Ion Ratio Lower Upper

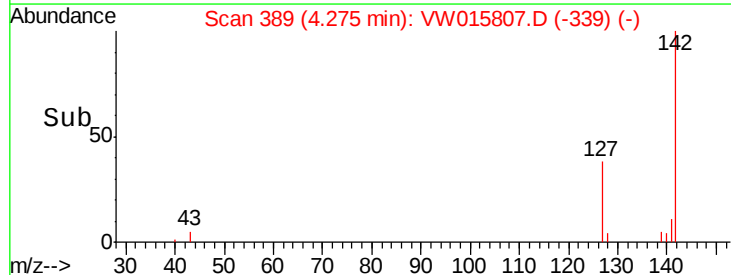
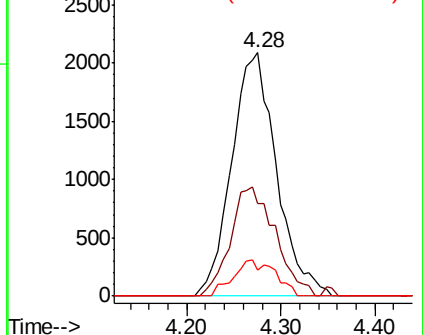
142 100

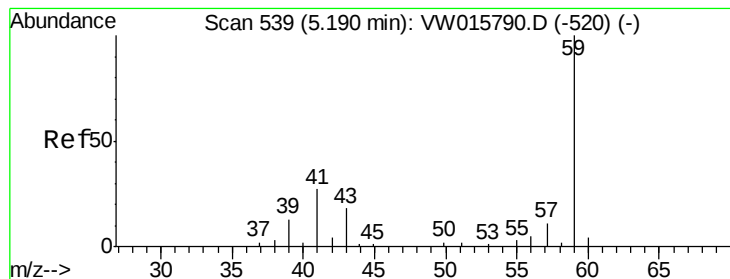
127 44.8 36.1 54.1

141 13.8 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



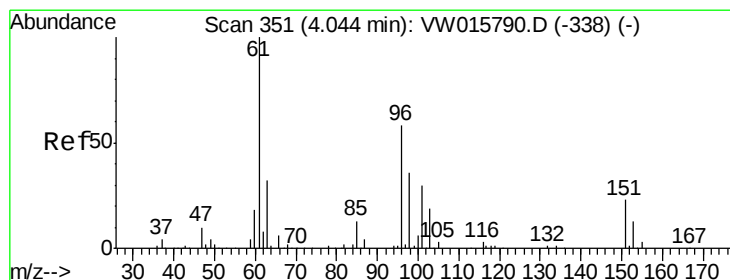
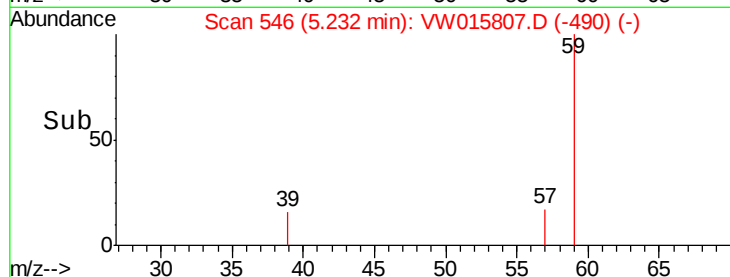
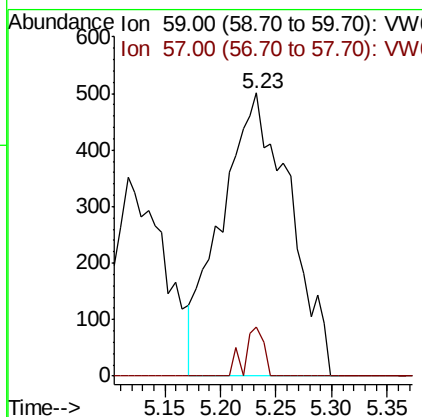
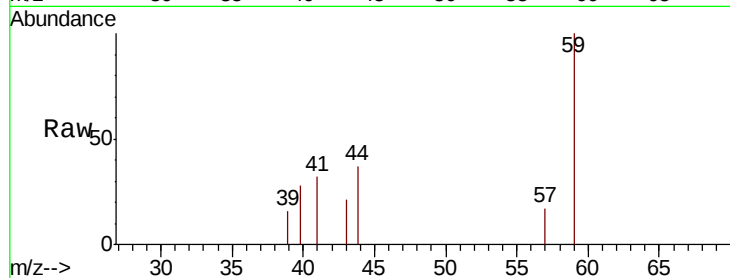


#11

Tert butyl alcohol
 Concen: 18.915 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.04 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

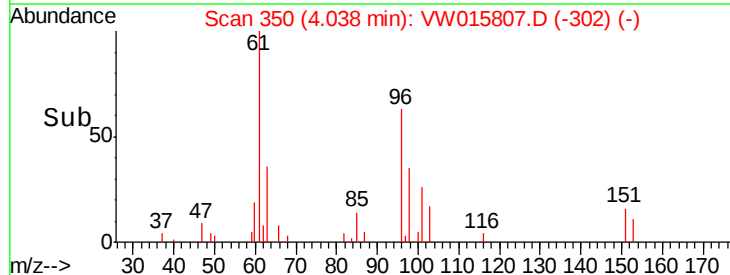
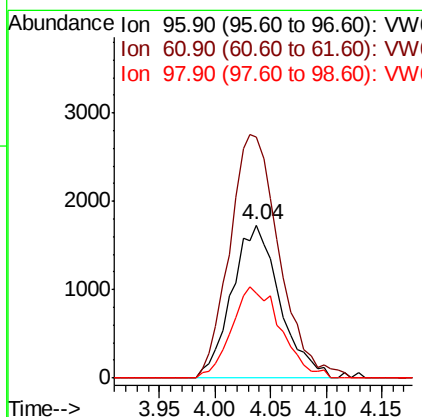
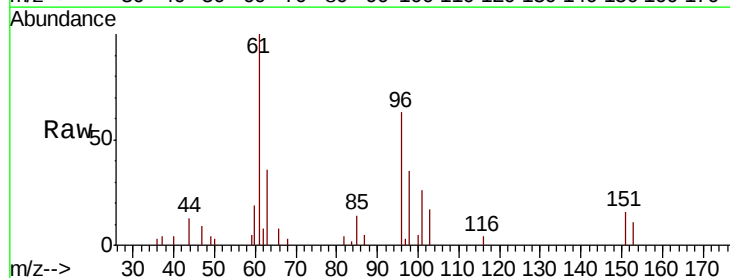
Tot Ion: 59 Resp: 2148
 Ion Ratio Lower Upper
 59 100
 57 4.7 8.7 13.1#

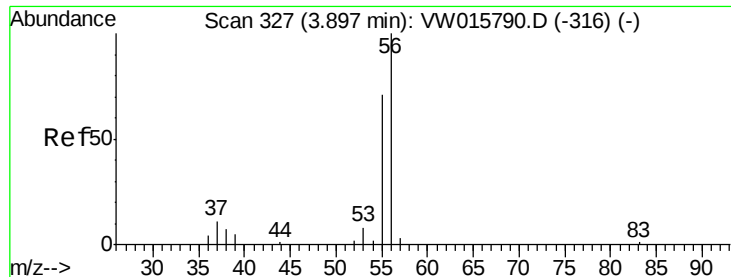


#12

1,1-Dichloroethene
 Concen: 2.850 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 96 Resp: 5142
 Ion Ratio Lower Upper
 96 100
 61 157.7 137.0 205.4
 98 55.5 49.3 73.9

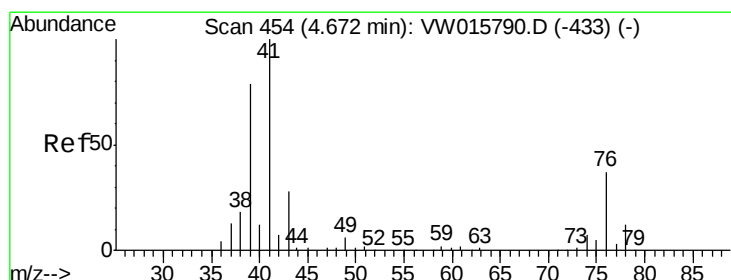
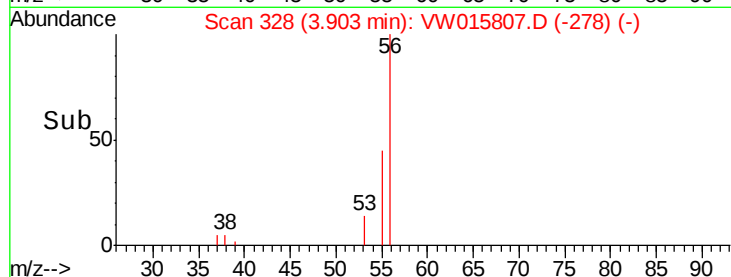
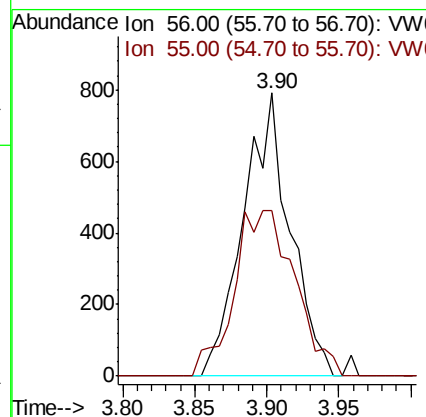
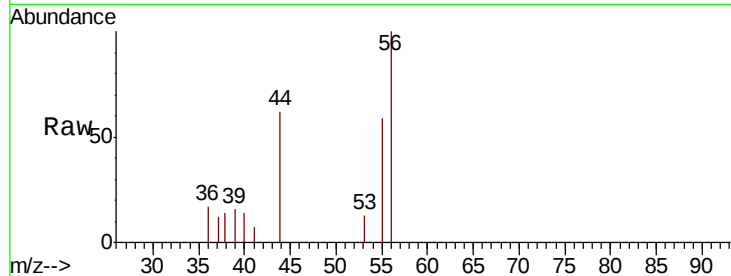




#13
 Acrolein
 Concen: 12.653 ug/l
 RT: 3.90 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

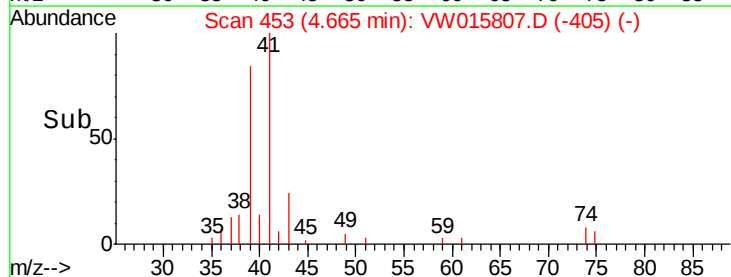
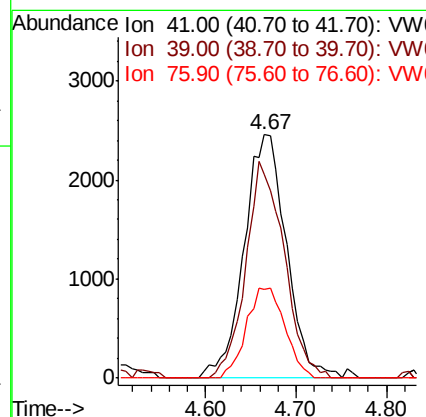
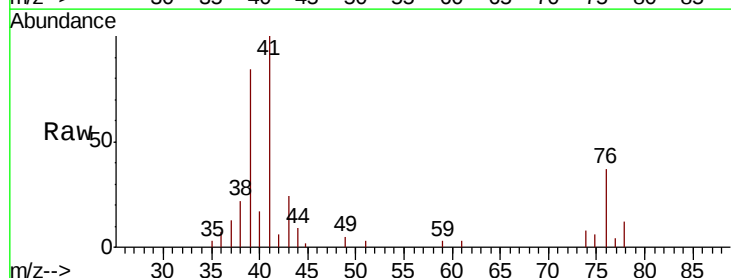
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

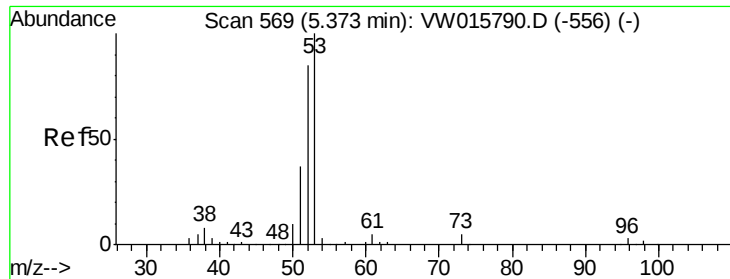
Tot Ion: 56 Resp: 1785
 Ion Ratio Lower Upper
 56 100
 55 76.3 55.8 83.6



#14
 Allyl chloride
 Concen: 2.712 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 41 Resp: 7953
 Ion Ratio Lower Upper
 41 100
 39 80.7 64.0 96.0
 76 33.6 28.9 43.3





#15

Acrylonitrile

Concen: 13.582 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

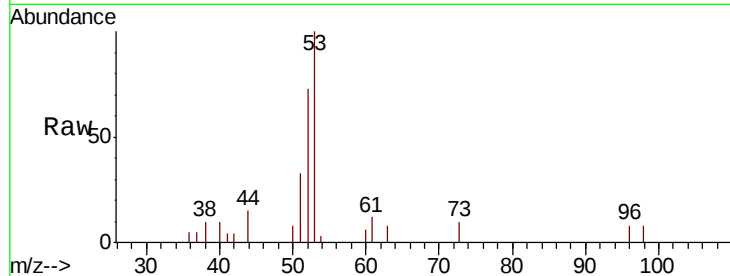
Tot Ion: 53 Resp: 5186

Ion Ratio Lower Upper

53 100

52 81.0 65.8 98.8

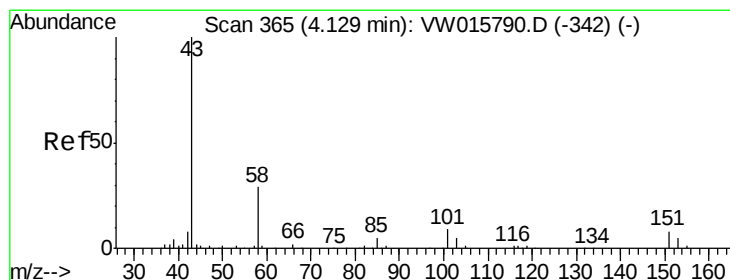
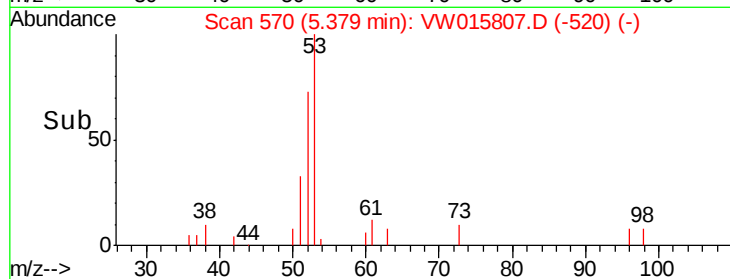
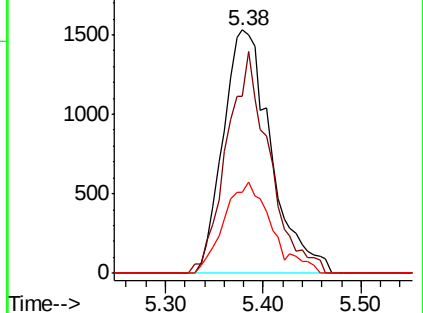
51 37.4 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 19.182 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015807.D

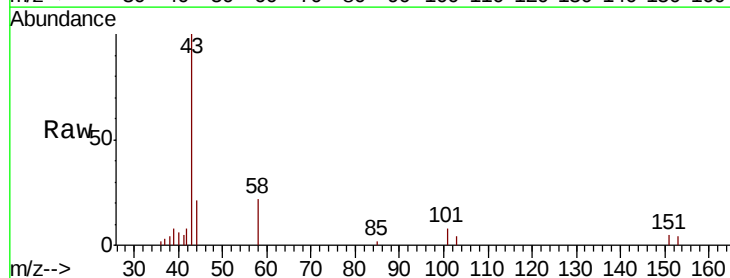
Acq: 08 Jul 2020 14:18

Tgt Ion: 43 Resp: 7299

Ion Ratio Lower Upper

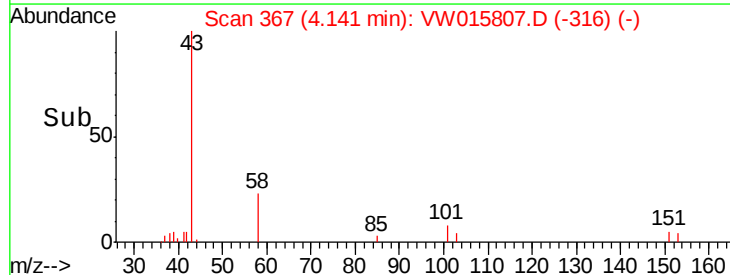
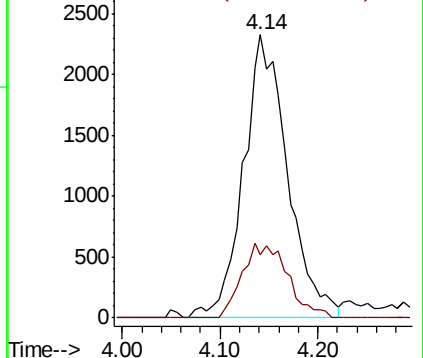
43 100

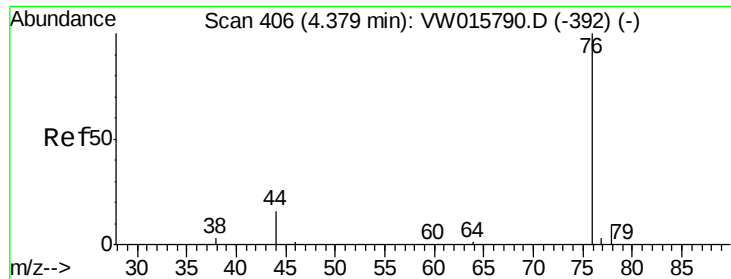
58 22.3 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

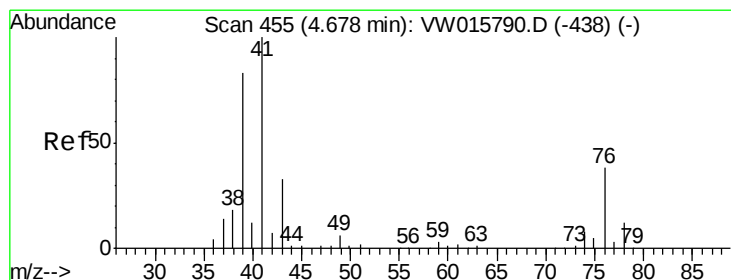
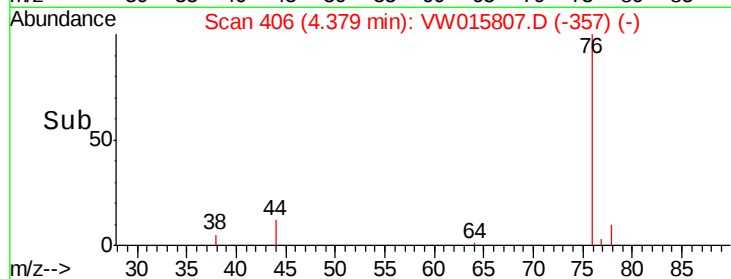
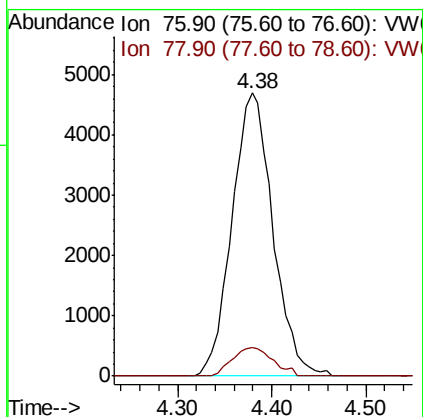
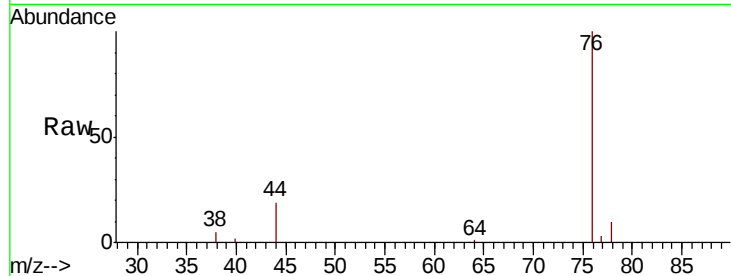




#17
Carbon Disulfide
Concen: 2.647 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

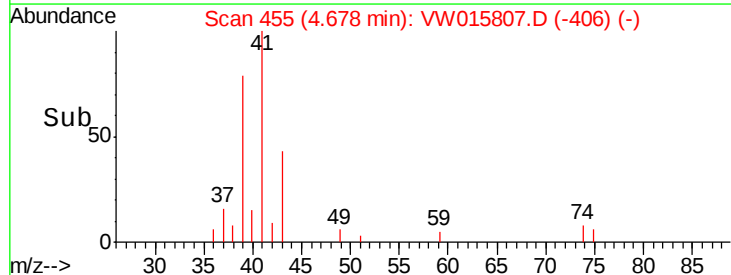
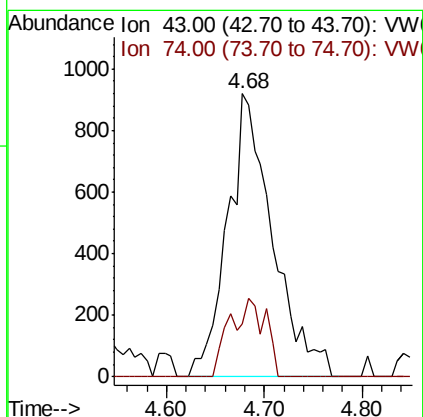
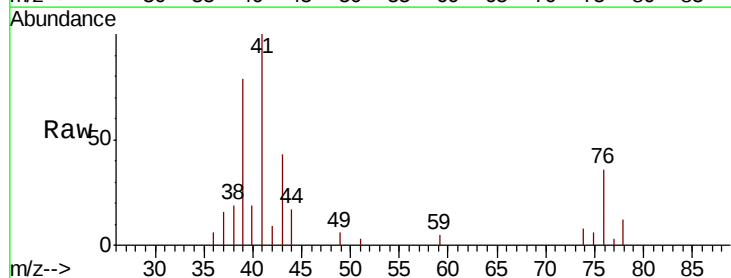
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

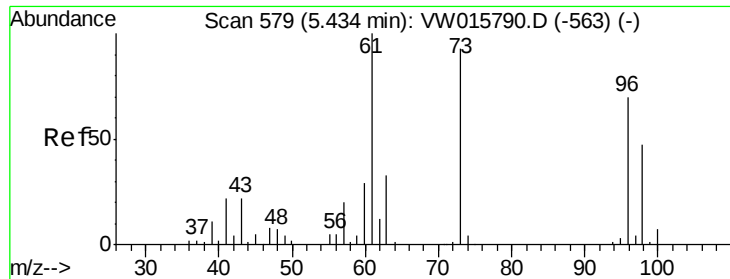
Tot Ion: 76 Resp: 14202
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 3.392 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
74 14.1 19.2 28.8#

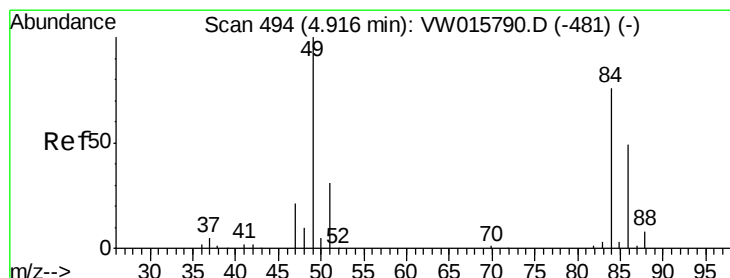
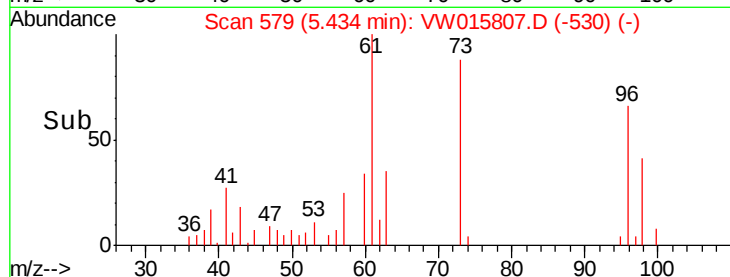
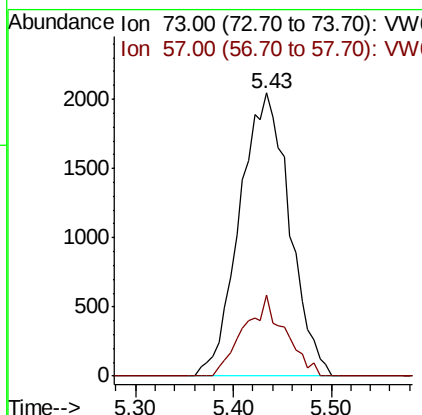
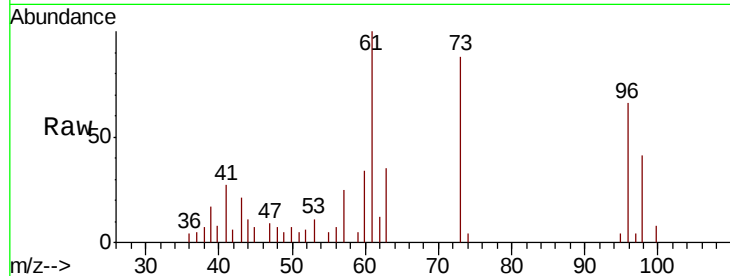




#19
Methyl tert-butyl Ether
Concen: 2.698 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

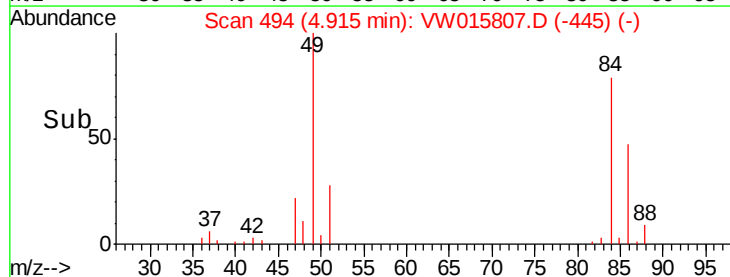
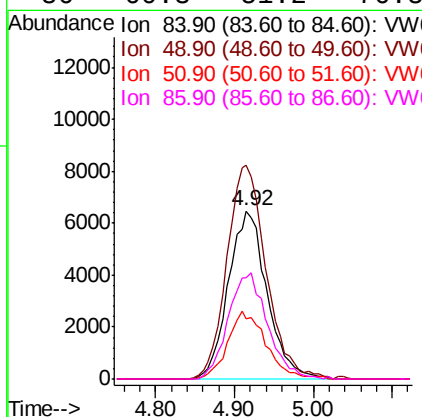
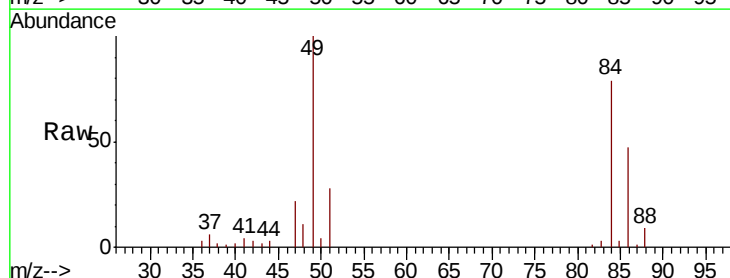
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

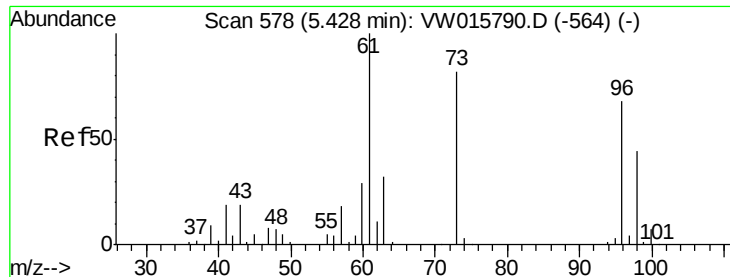
Tot Ion: 73 Resp: 7285
Ion Ratio Lower Upper
73 100
57 28.5 16.8 25.2#



#20
Methylene Chloride
Concen: 9.968 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 84 Resp: 22028
Ion Ratio Lower Upper
84 100
49 127.4 105.0 157.6
51 36.1 32.3 48.5
86 60.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 2.747 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

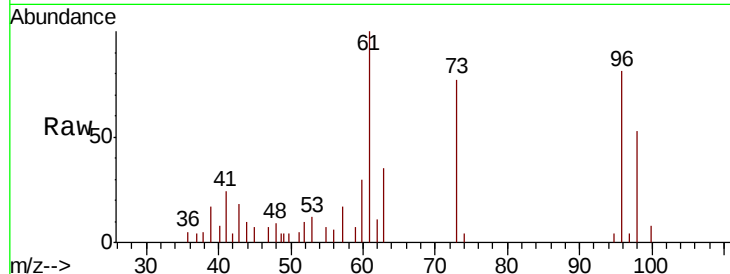
Tot Ion: 96 Resp: 5740

Ion Ratio Lower Upper

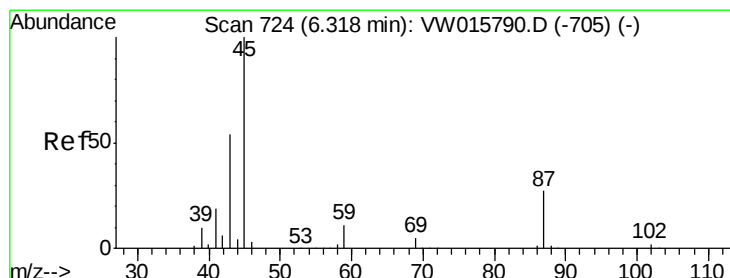
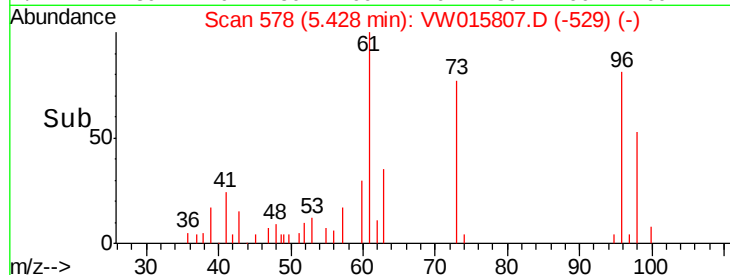
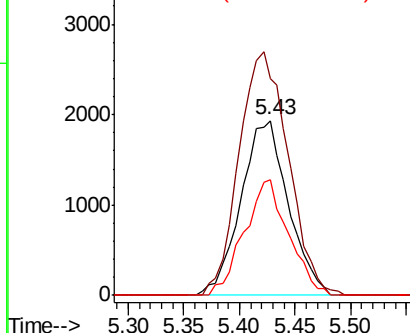
96 100

61 124.1 118.1 177.1

98 66.2 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: 2.550 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion: 45 Resp: 15068

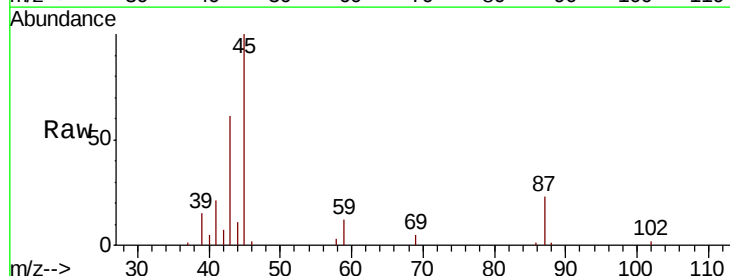
Ion Ratio Lower Upper

45 100

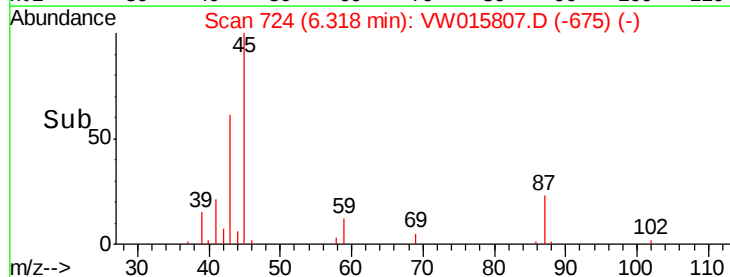
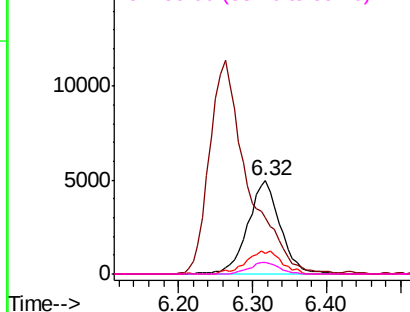
43 59.3 43.8 65.6

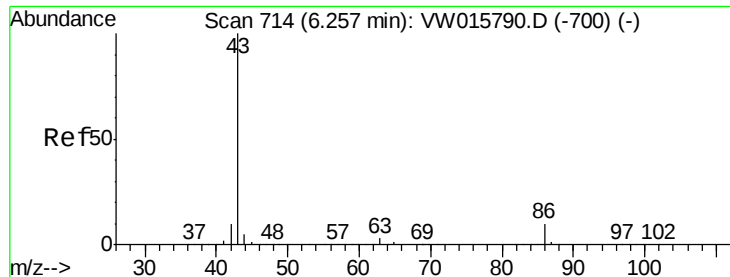
87 22.6 22.1 33.1

59 12.1 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: 11.599 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

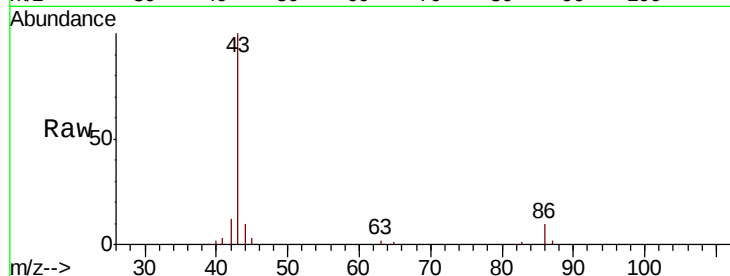
TP-8-S1

Tot Ion: 43 Resp: 40764

Ion Ratio Lower Upper

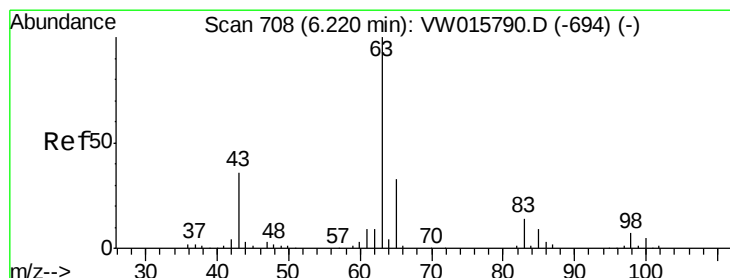
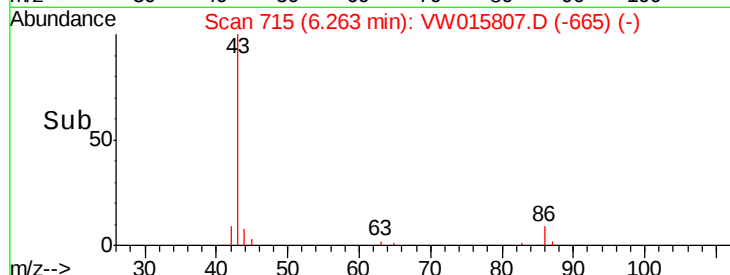
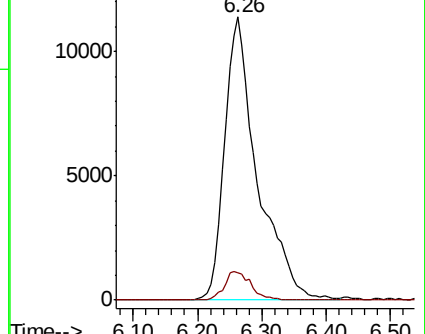
43 100

86 9.8 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: 2.684 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

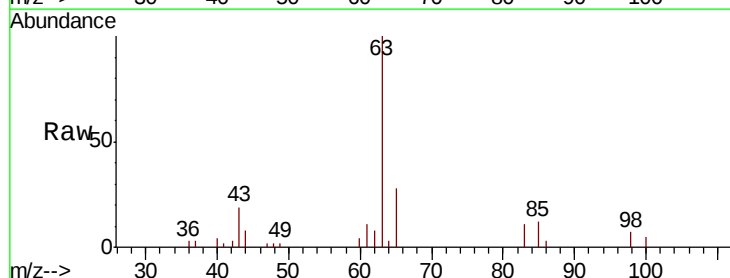
Tgt Ion: 63 Resp: 10040

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

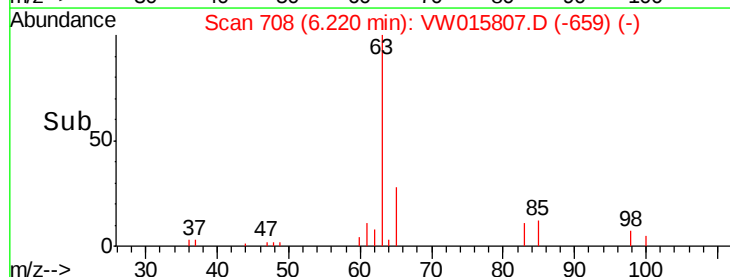
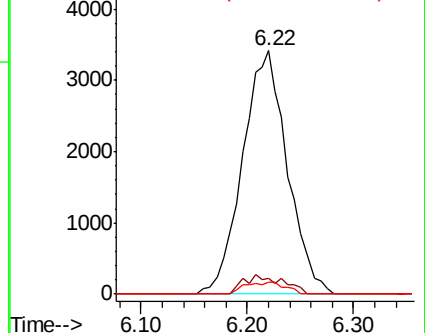
100 4.7 2.4 7.1

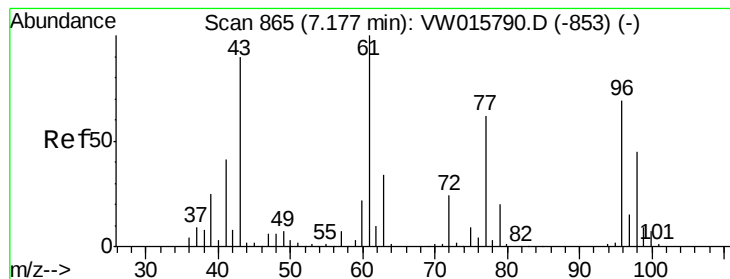


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 14.956 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

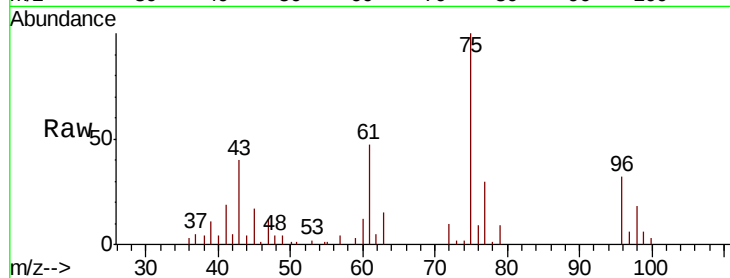
TP-8-S1

Tot Ion: 43 Resp: 7725

Ion Ratio Lower Upper

43 100

72 23.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

2500

2000

1500

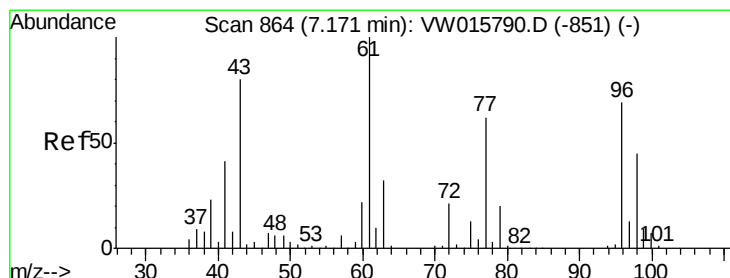
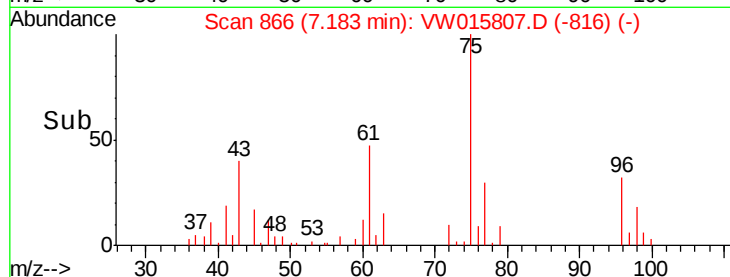
1000

500

0

7.05 7.10 7.15 7.20 7.25

Time-->



#26

2,2-Dichloropropane

Concen: 3.314 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015807.D

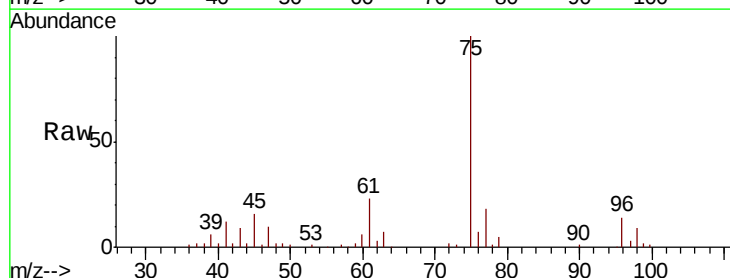
Acq: 08 Jul 2020 14:18

Tgt Ion: 77 Resp: 7777

Ion Ratio Lower Upper

77 100

97 18.5 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

3000

2500

2000

1500

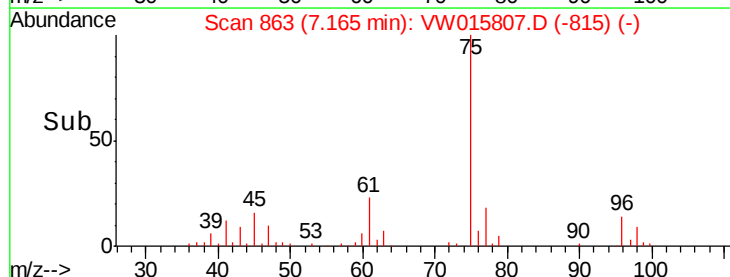
1000

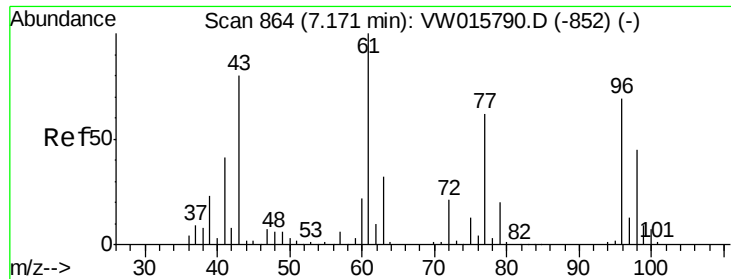
500

0

7.05 7.10 7.15 7.20 7.25

Time-->



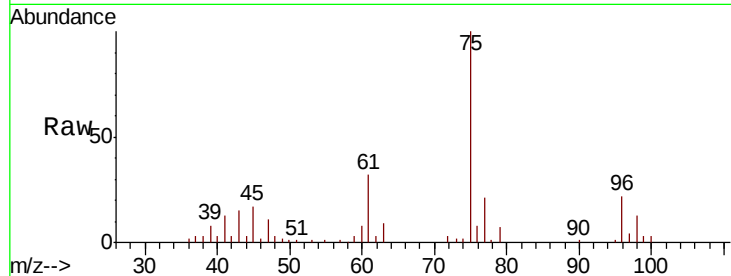


#27

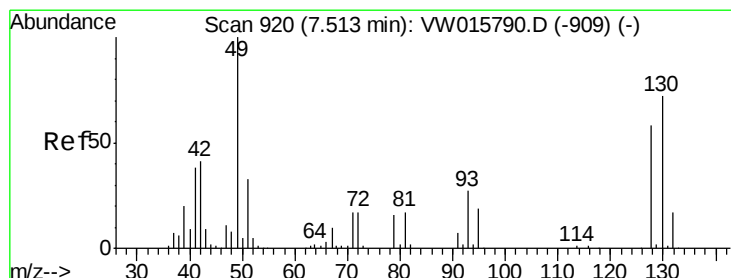
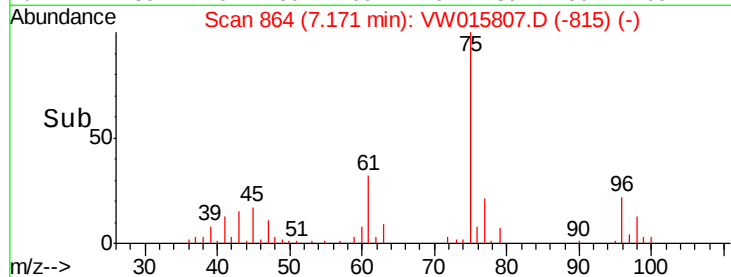
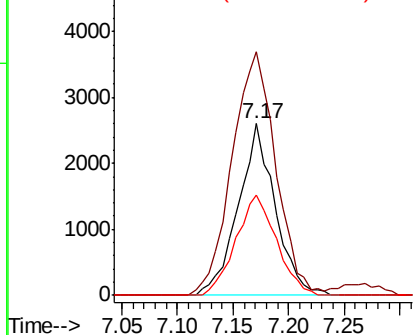
cis-1,2-Dichloroethene
Concen: 2.677 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 96 Resp: 6005
Ion Ratio Lower Upper
96 100
61 167.3 0.0 292.2
98 64.0 0.0 129.0



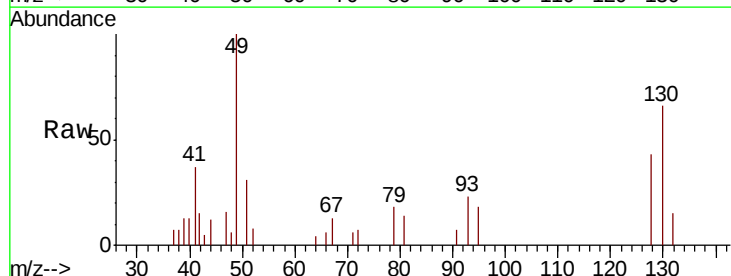
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



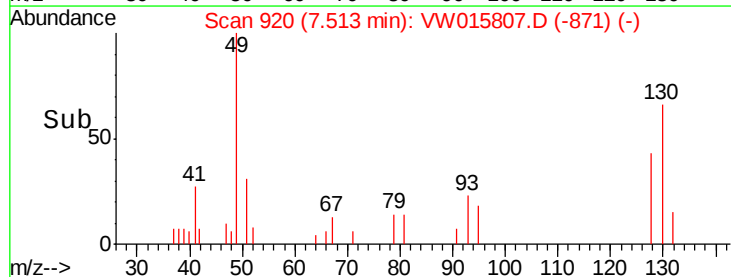
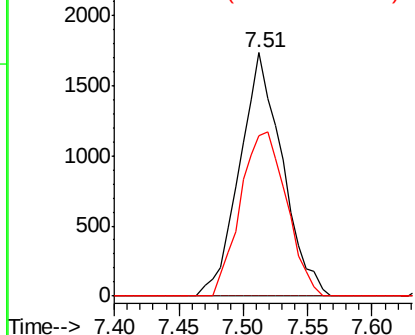
#28

Bromochloromethane
Concen: 2.680 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 49 Resp: 3974
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 73.1 59.5 89.3



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

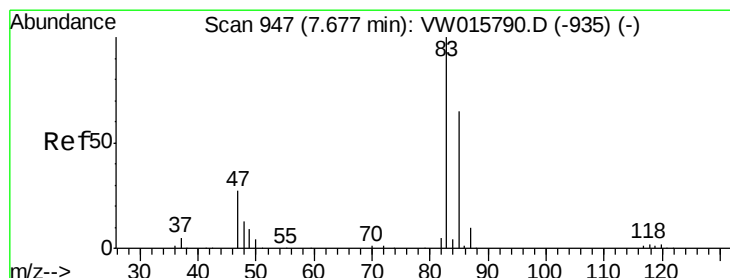
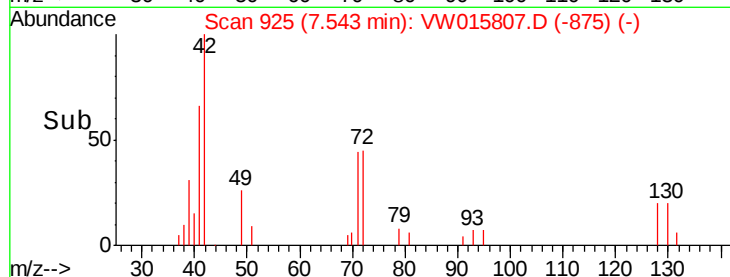
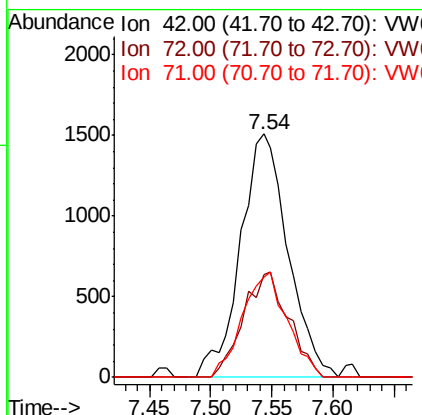
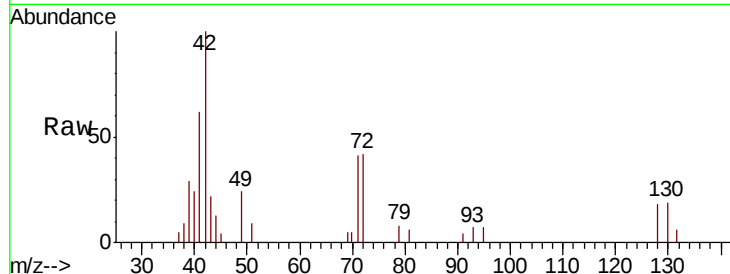




#29
Tetrahydrofuran
Concen: 13.046 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

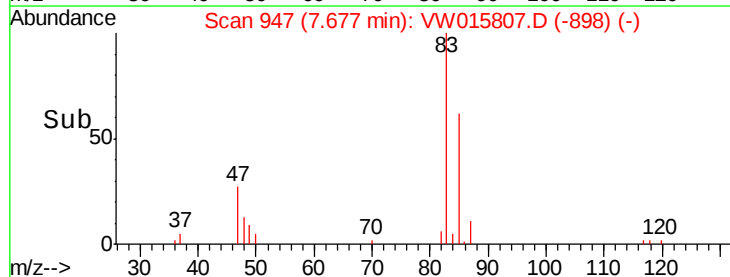
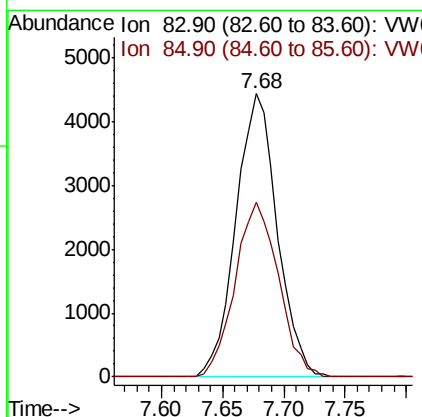
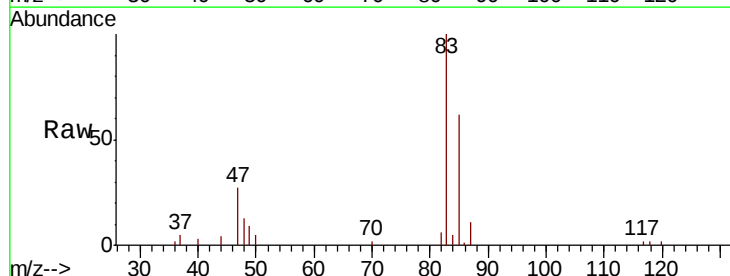
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

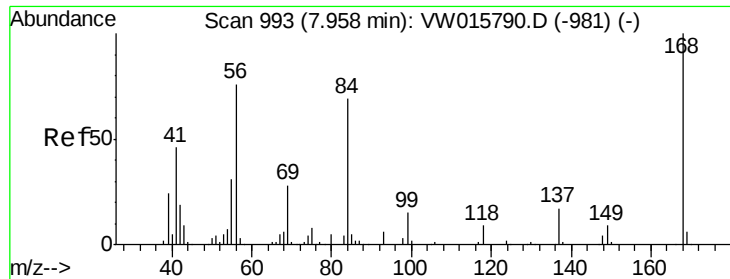
Tot Ion: 42 Resp: 4089
Ion Ratio Lower Upper
42 100
72 40.9 34.6 51.8
71 40.5 32.8 49.2



#30
Chloroform
Concen: 2.716 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 83 Resp: 10387
Ion Ratio Lower Upper
83 100
85 61.7 51.6 77.4

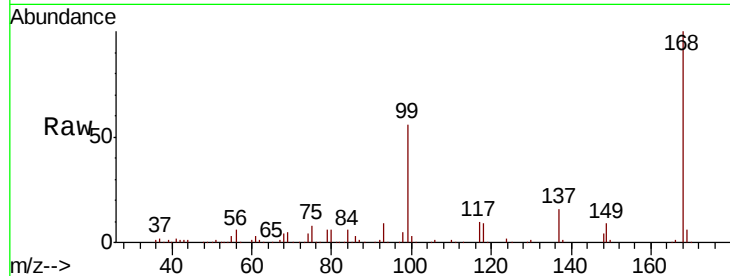




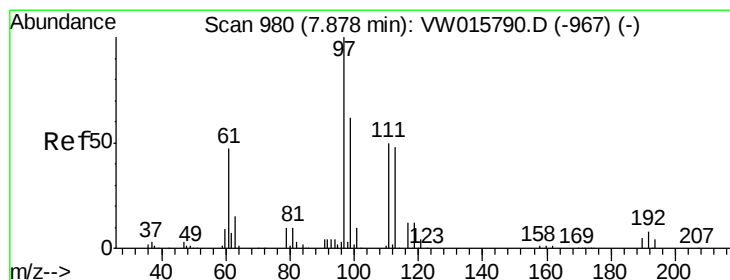
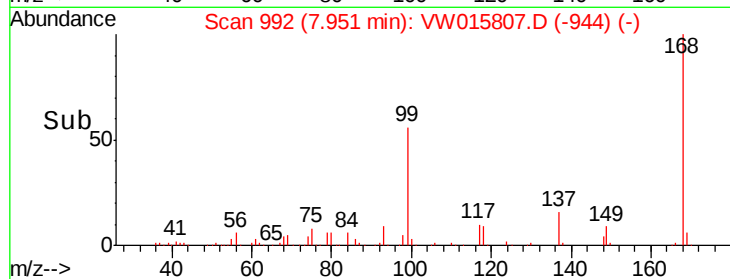
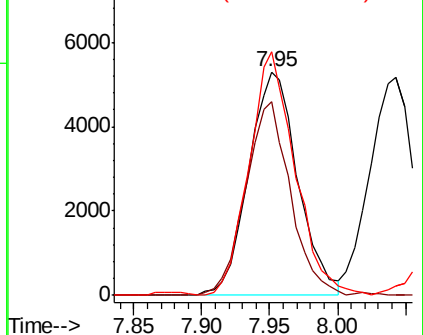
#31
Cyclohexane
Concen: 3.787 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion: 56 Resp: 13334
Ion Ratio Lower Upper
56 100
69 86.7 28.9 43.3#
84 107.9 72.2 108.4

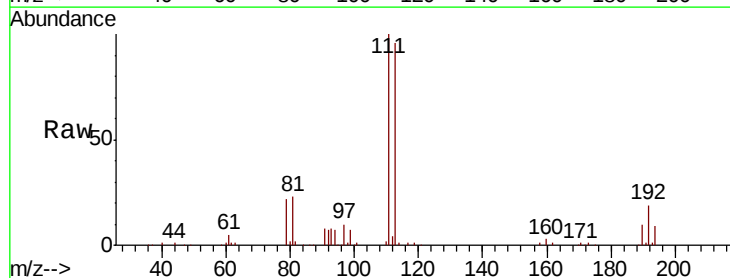


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

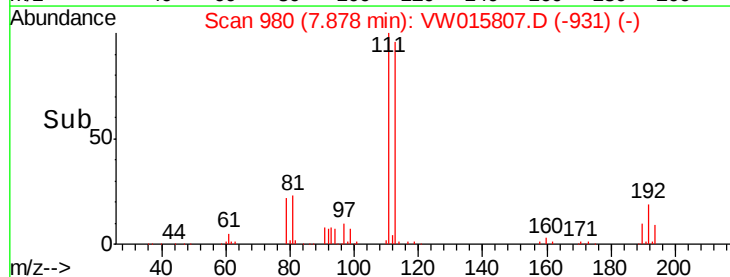
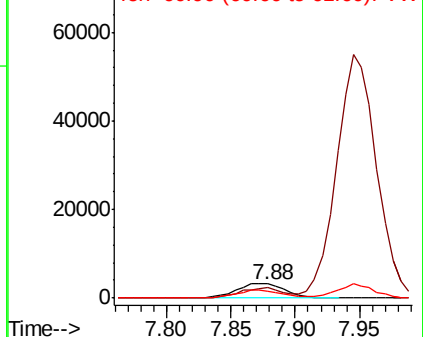


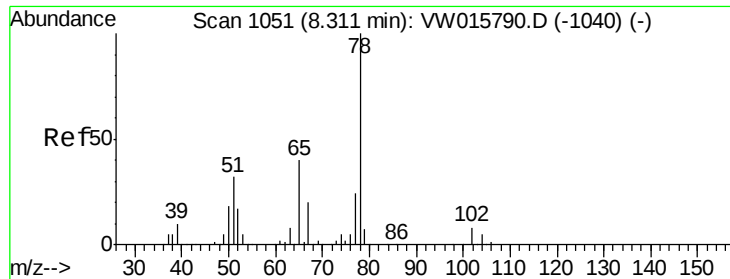
#32
1,1,1-Trichloroethane
Concen: 2.663 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 97 Resp: 8538
Ion Ratio Lower Upper
97 100
99 61.0 51.0 76.4
61 51.8 38.6 57.8



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

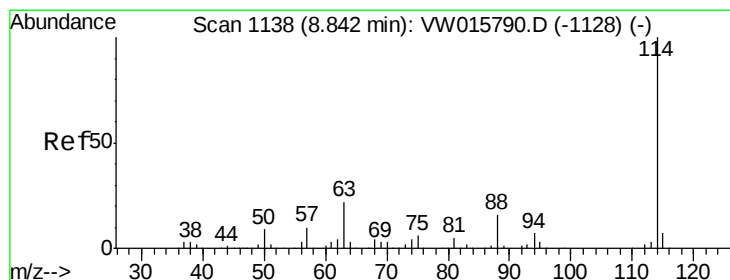
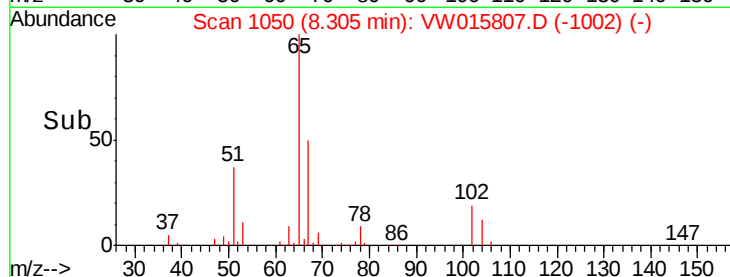
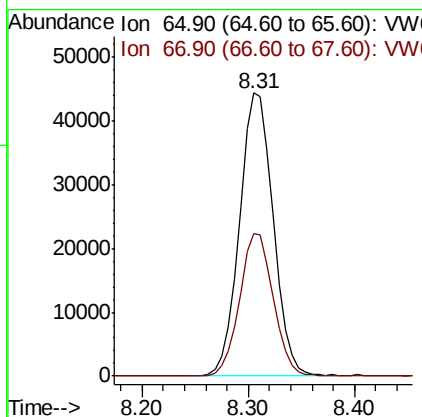
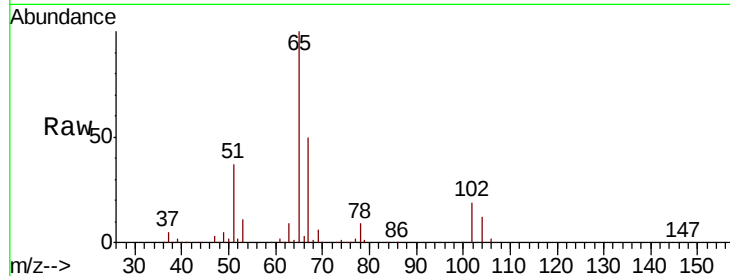




#33
 1,2-Dichloroethane-d4
 Concen: 48.573 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

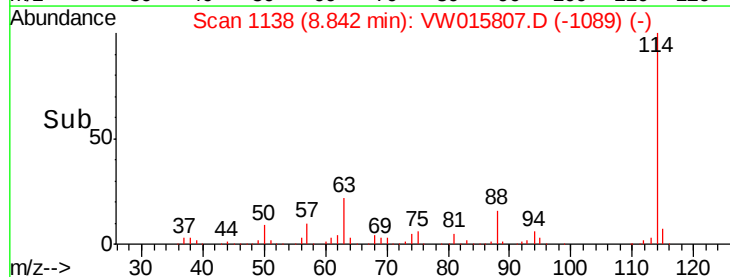
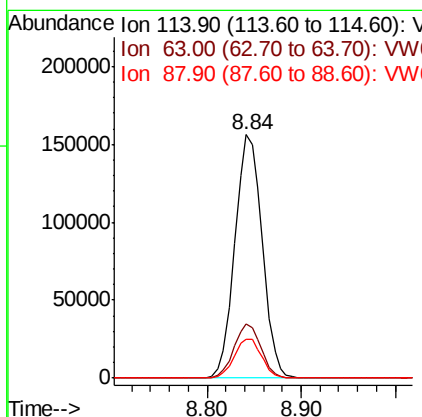
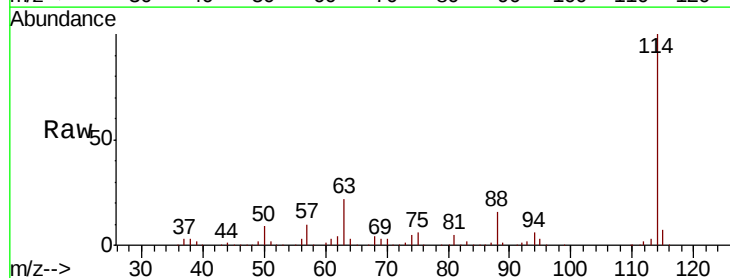
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

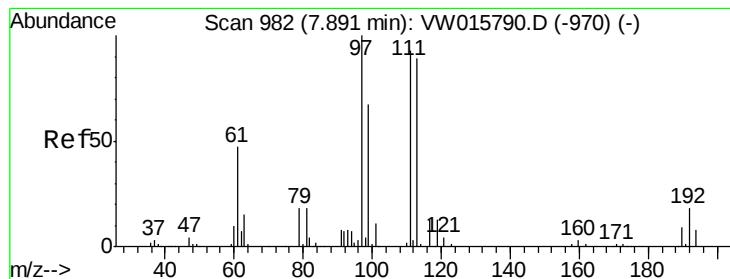
Tot Ion: 65 Resp: 98781
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 114 Resp: 313371
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.891 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

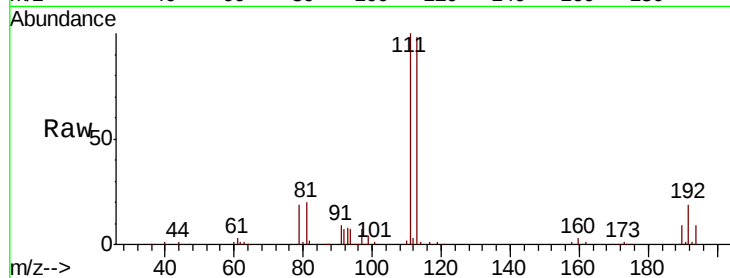
Tot Ion:113 Resp: 85729

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

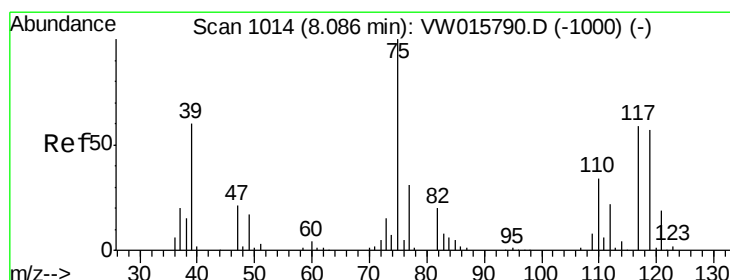
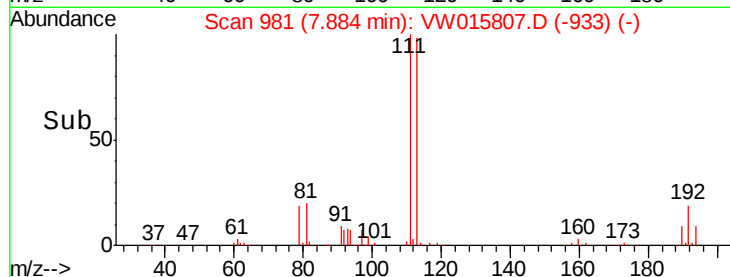
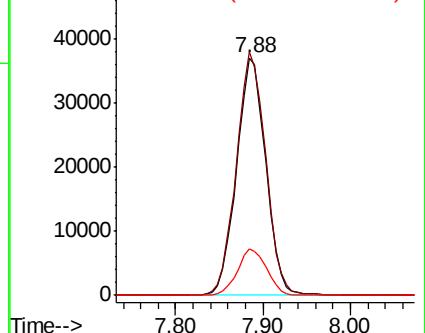
192 19.7 15.4 23.2



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: 2.699 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

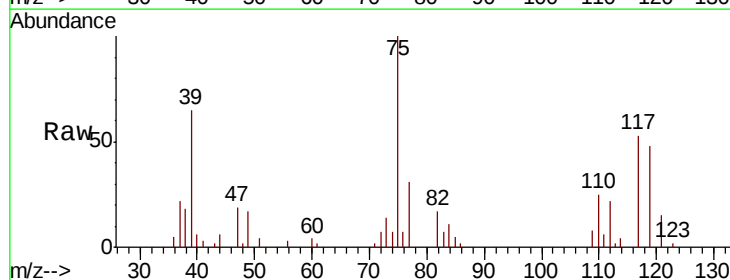
Tgt Ion: 75 Resp: 8338

Ion Ratio Lower Upper

75 100

110 32.2 16.8 50.3

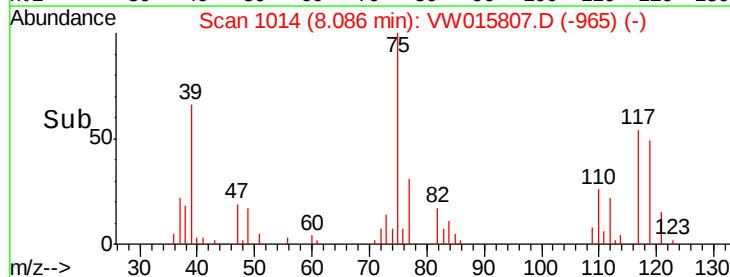
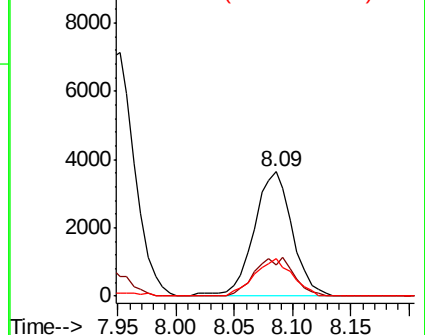
77 29.9 24.7 37.1

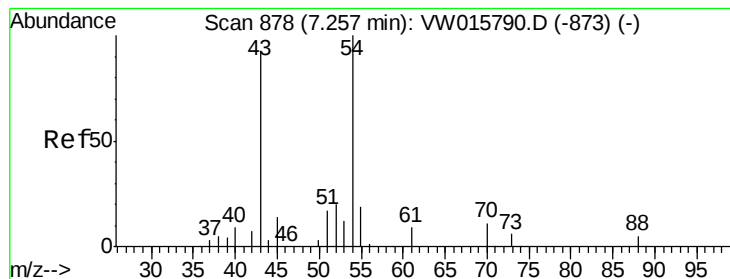


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 2.989 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleID :

TP-8-S1

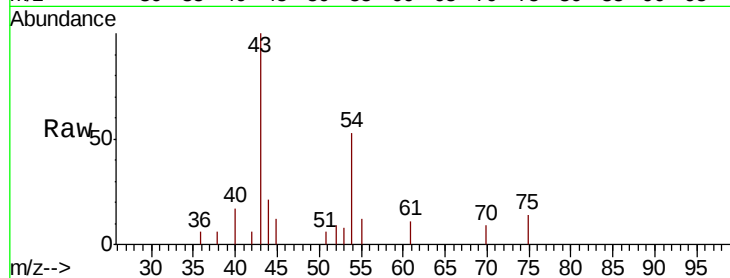
Tot Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

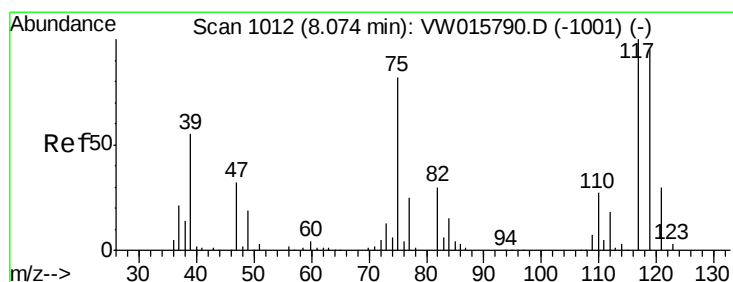
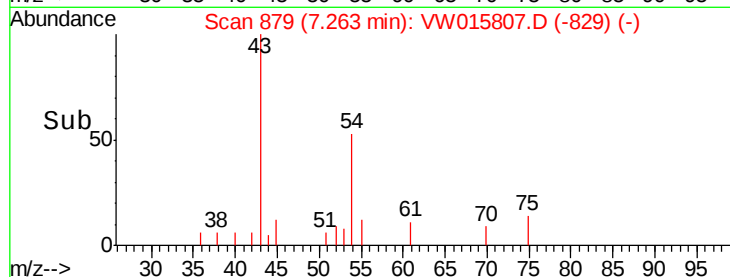
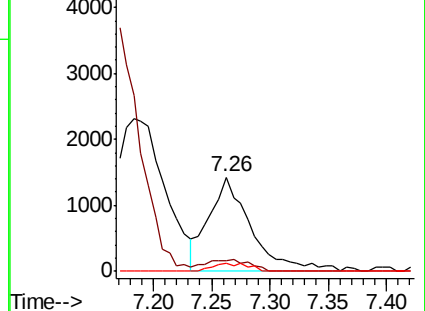
70 7.2 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 2.583 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

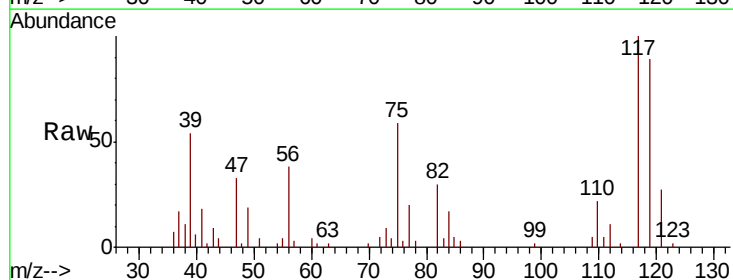
Tgt Ion: 117 Resp: 7722

Ion Ratio Lower Upper

117 100

119 89.1 76.3 114.5

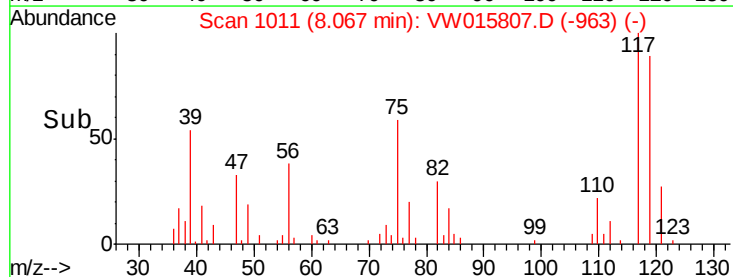
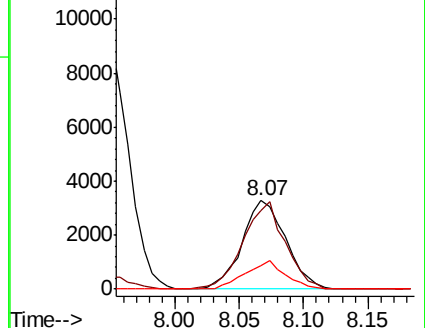
121 26.9 24.0 36.0

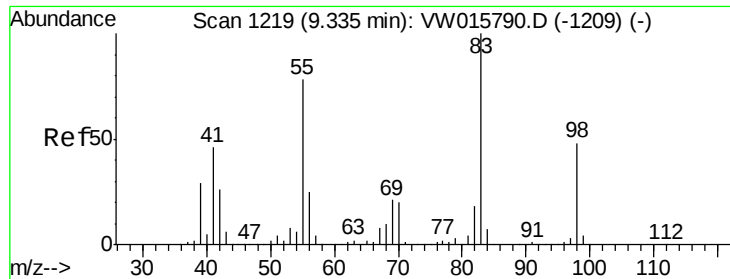


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

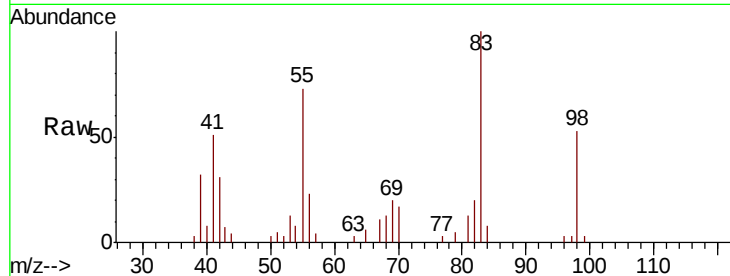




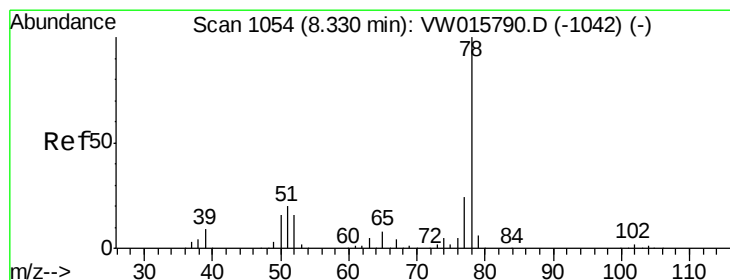
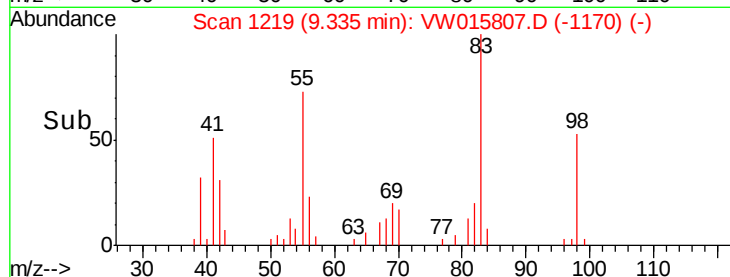
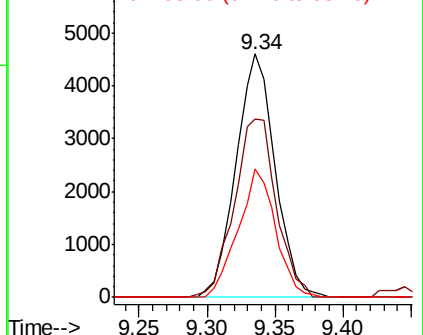
#39
Methvlcvclohexane
Concen: 2.532 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion: 83 Resp: 9231
Ion Ratio Lower Upper
83 100
55 73.5 62.6 94.0
98 52.8 38.6 58.0

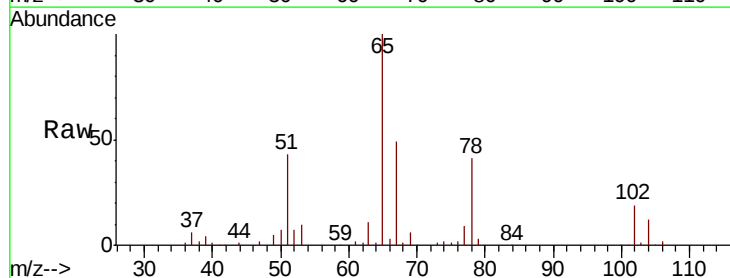


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

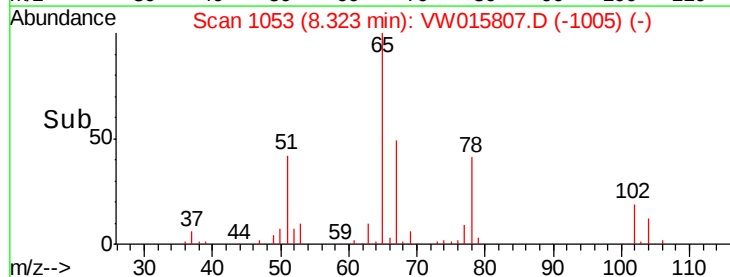
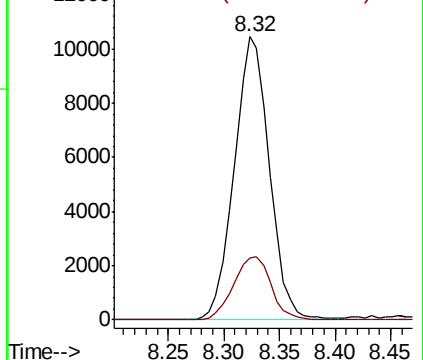


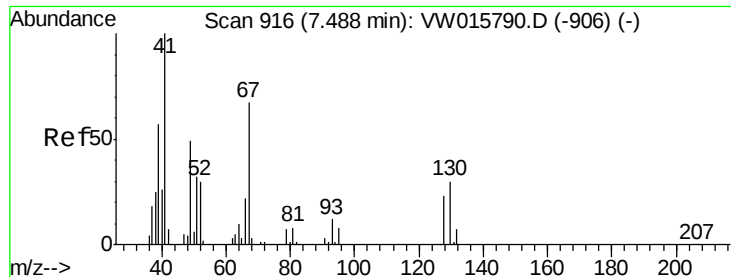
#40
Benzene
Concen: 2.697 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 78 Resp: 22823
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

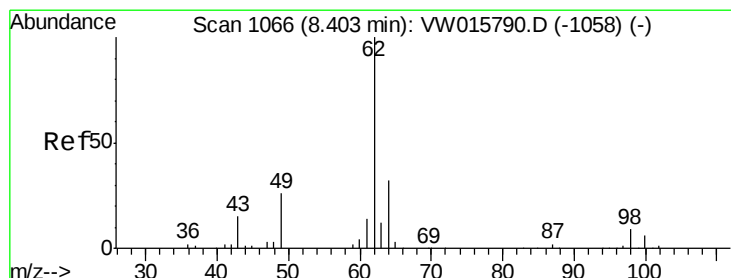
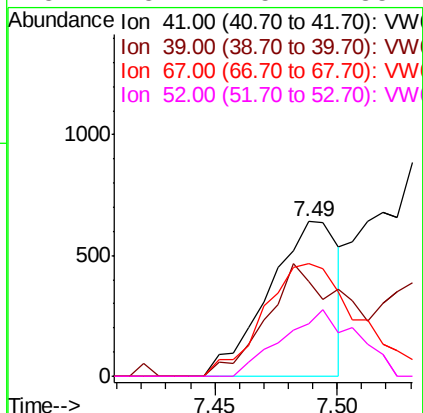
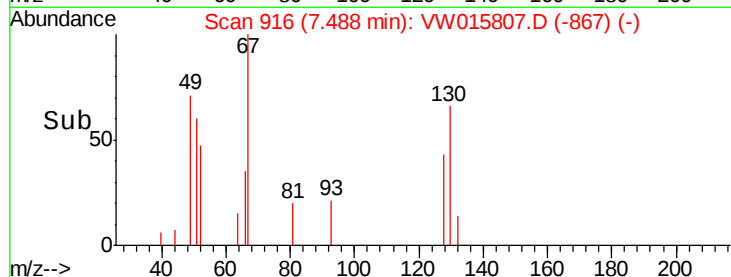
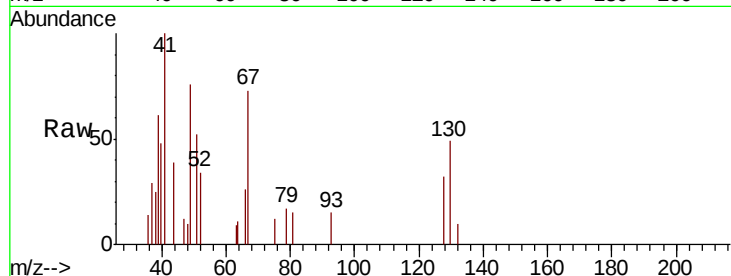




#41
Methacrylonitrile
Concen: 1.870 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

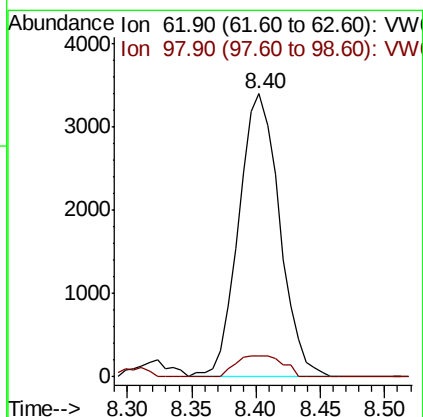
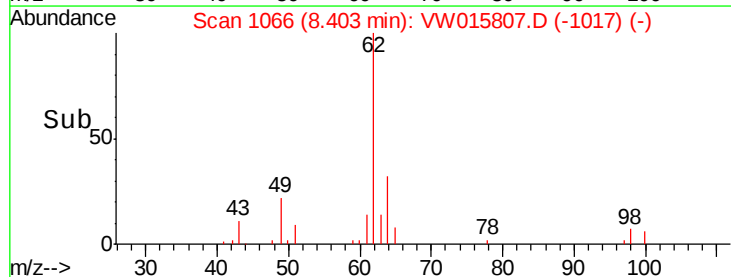
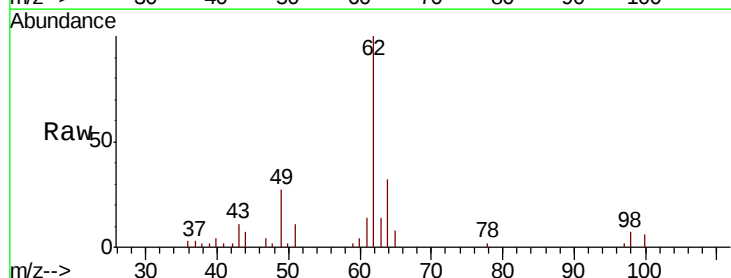
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

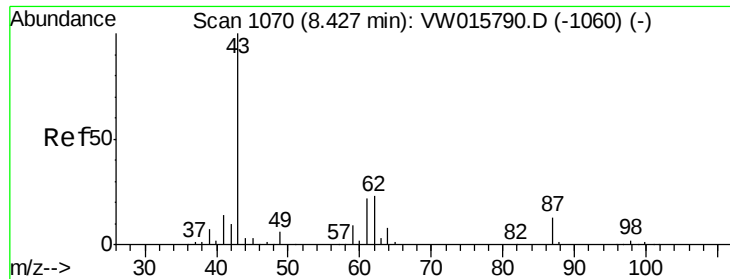
Tot Ion: 41 Resp: 1274
Ion Ratio Lower Upper
41 100
39 81.9 44.6 66.8#
67 97.3 56.4 84.6#
52 45.7 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 2.843 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 62 Resp: 7488
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 2.503 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

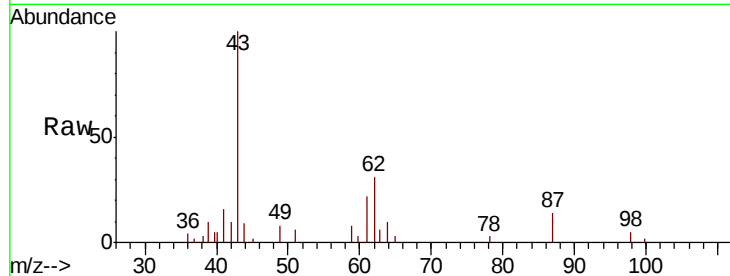
Tot Ion: 43 Resp: 5864

Ion Ratio Lower Upper

43 100

61 33.2 24.8 37.2

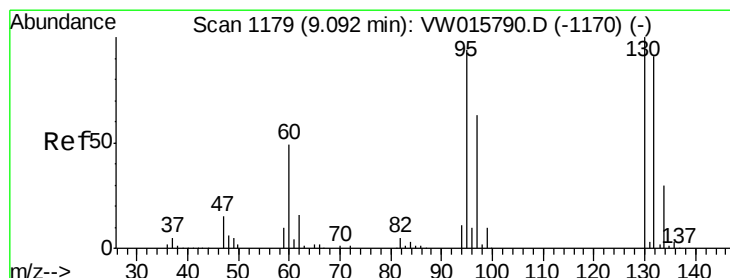
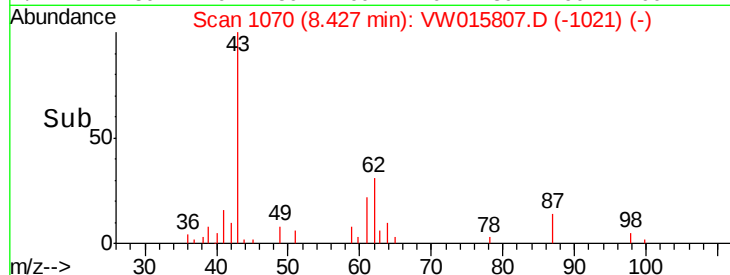
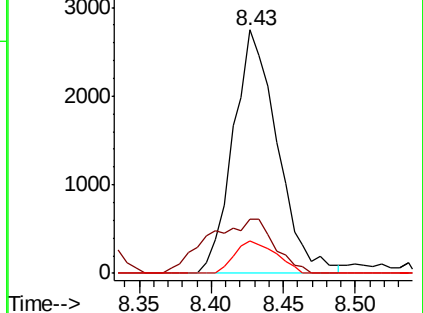
87 12.5 10.4 15.6



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: 2.726 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015807.D

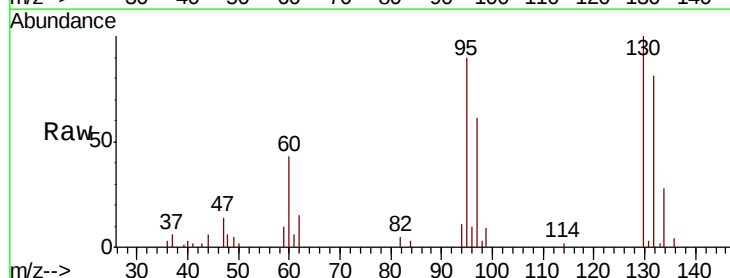
Acq: 08 Jul 2020 14:18

Tgt Ion: 130 Resp: 6102

Ion Ratio Lower Upper

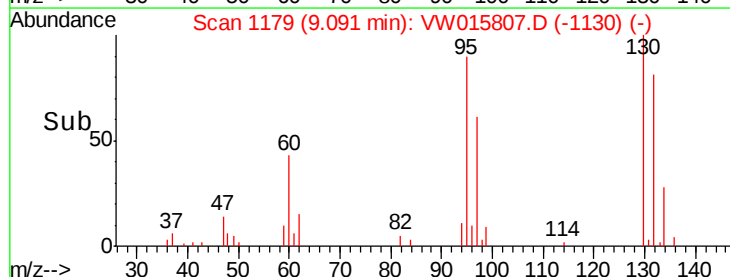
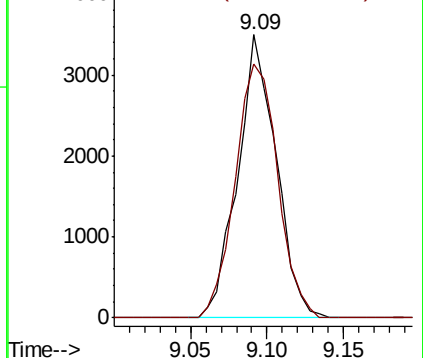
130 100

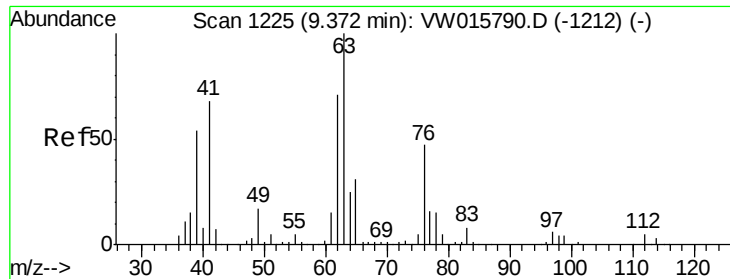
95 89.7 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

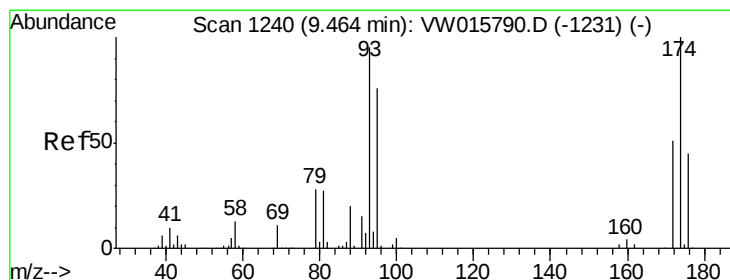
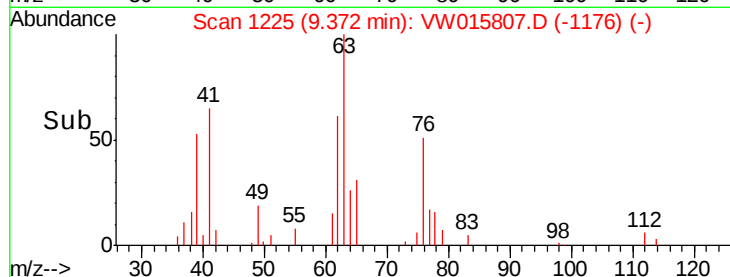
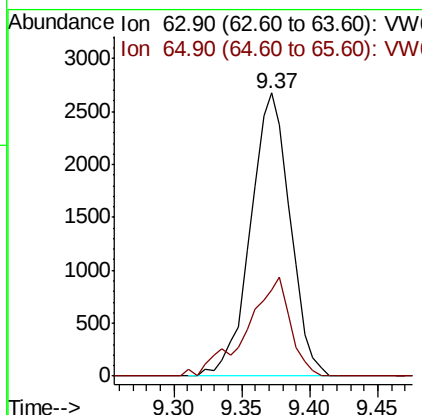
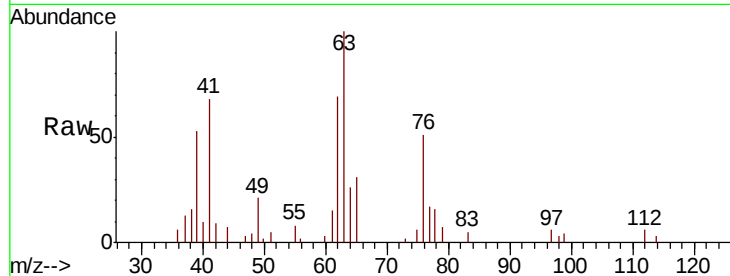




#45
 1,2-Dichloropropane
 Concen: 2.615 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

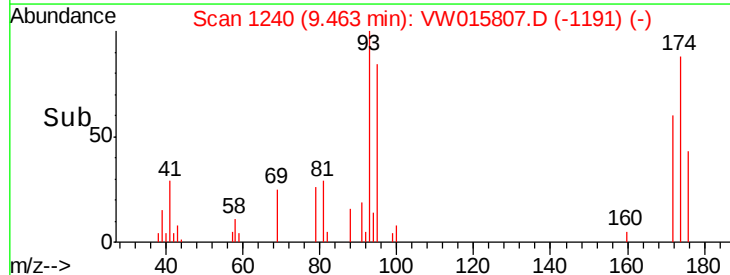
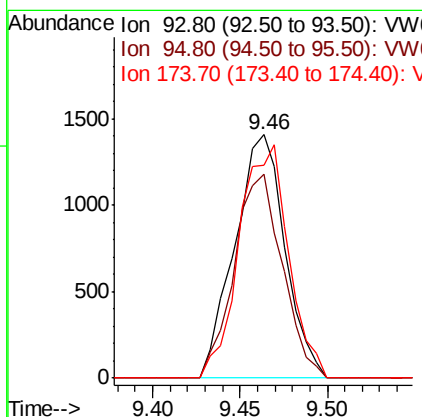
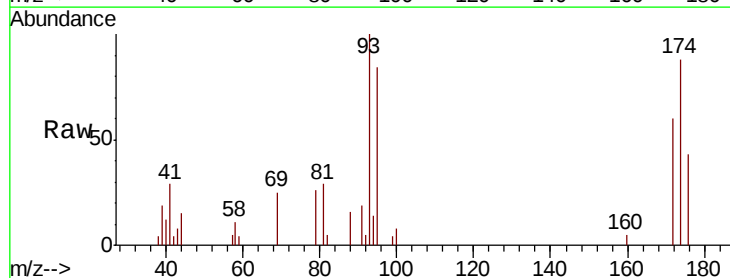
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion: 63 Resp: 5440
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.5 36.7



#46
 Dibromomethane
 Concen: 2.619 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 93 Resp: 2804
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.0 99.0
 174 94.4 78.7 118.1





#47

Bromodichloromethane

Concen: 2.509 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

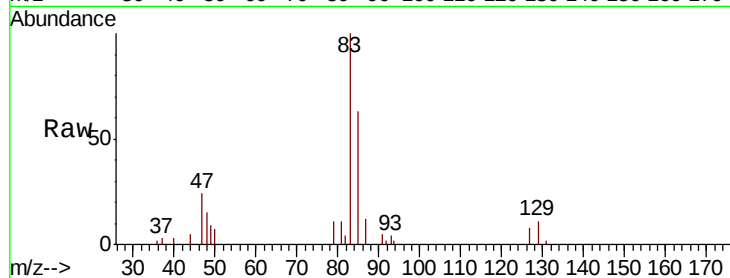
Tot Ion: 83 Resp: 6950

Ion Ratio Lower Upper

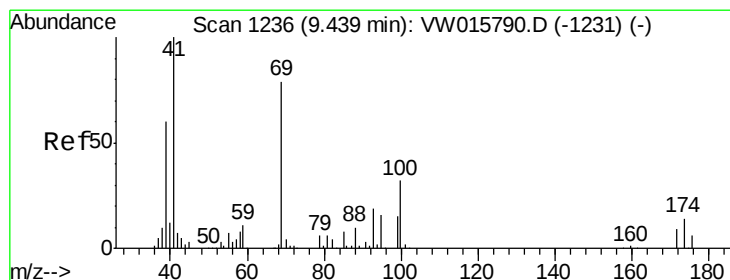
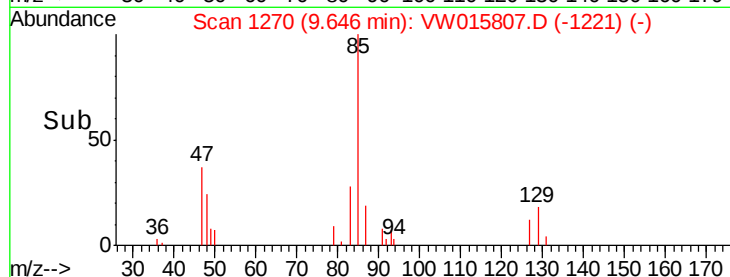
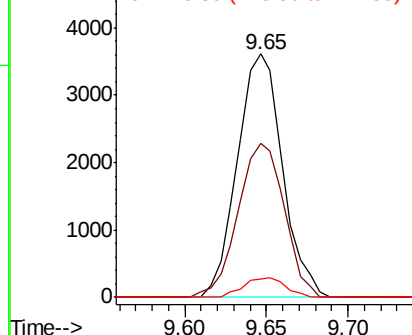
83 100

85 63.4 50.6 76.0

127 7.6 6.2 9.2



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



#48

Methyl methacrylate

Concen: 2.432 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

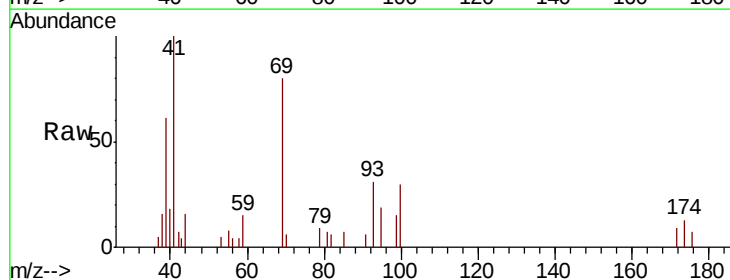
Tgt Ion: 41 Resp: 2611

Ion Ratio Lower Upper

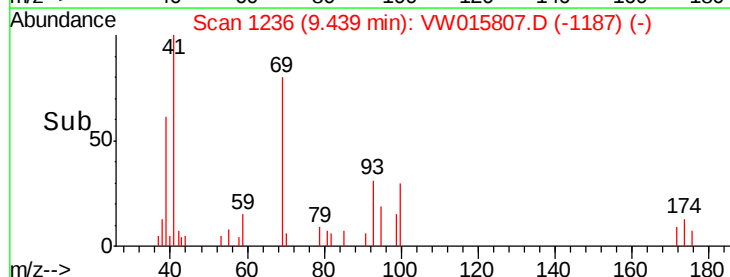
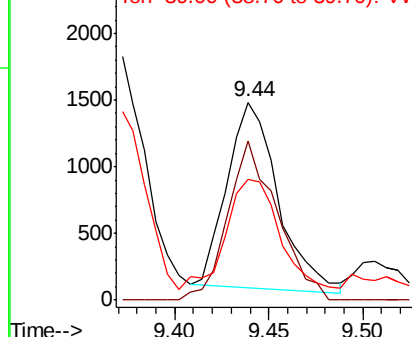
41 100

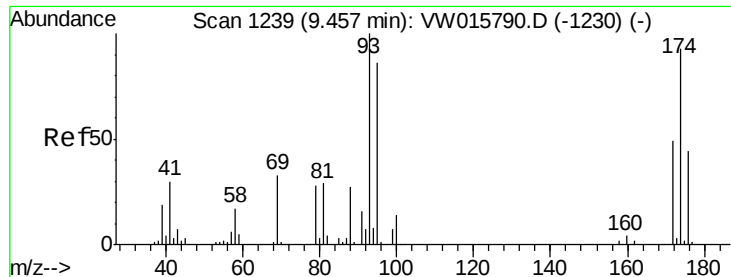
69 83.3 67.1 100.7

39 77.2 49.9 74.9#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

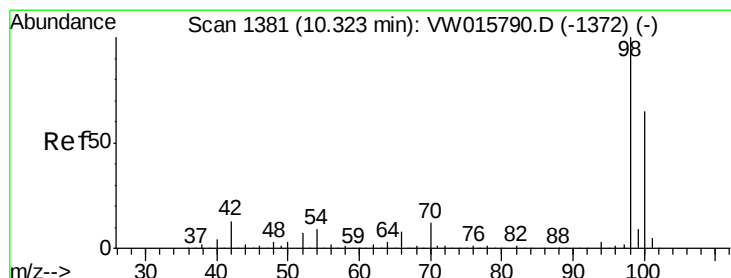
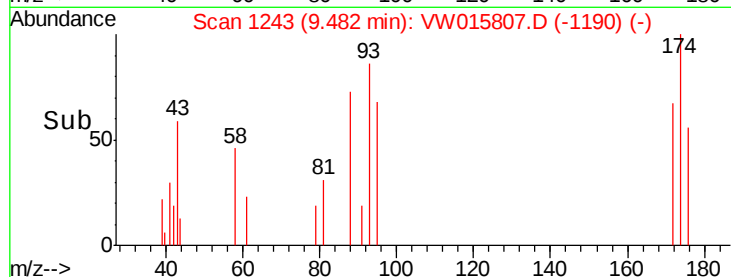
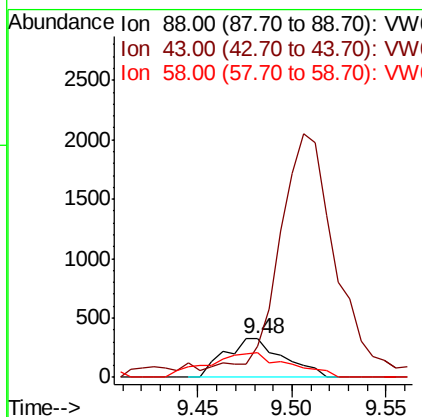
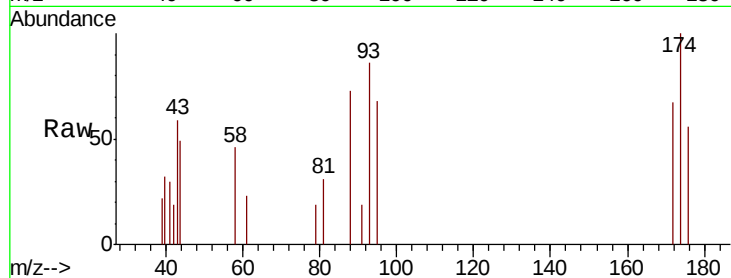




#49
 1,4-Dioxane
 Concen: 53.102 ug/l
 RT: 9.48 min Scan# 1243
 Delta R.T. 0.02 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

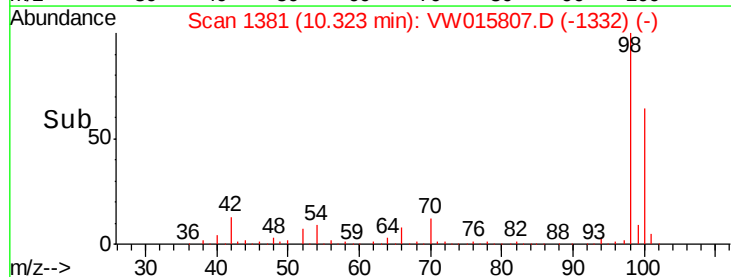
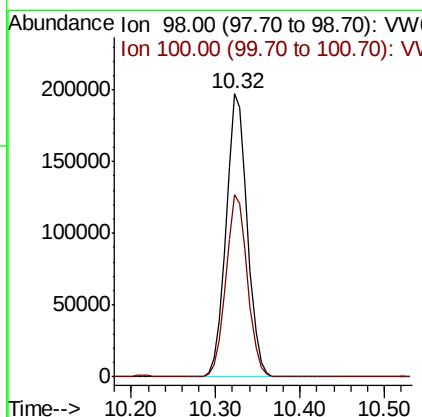
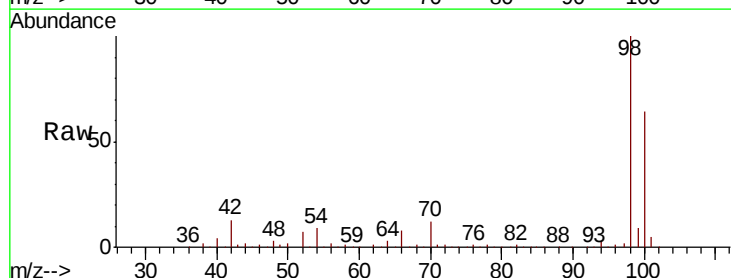
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

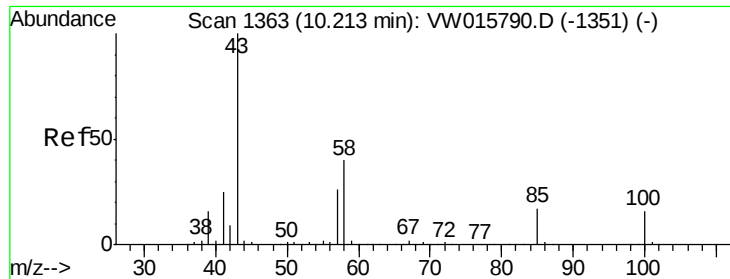
Tot Ion: 88 Resp: 703
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.1 42.1#
 58 87.3 59.3 88.9



#50
 Toluene-d8
 Concen: 48.340 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 98 Resp: 339477
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.6 79.0

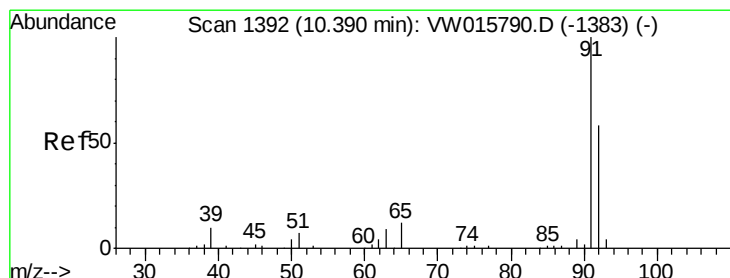
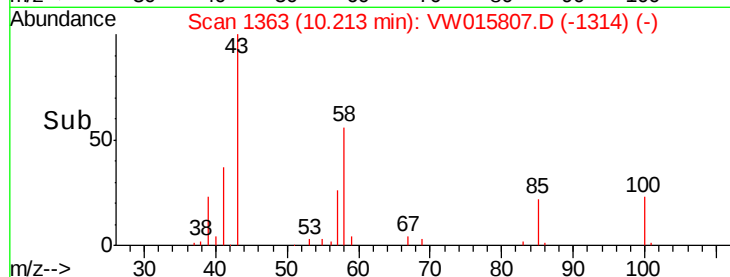
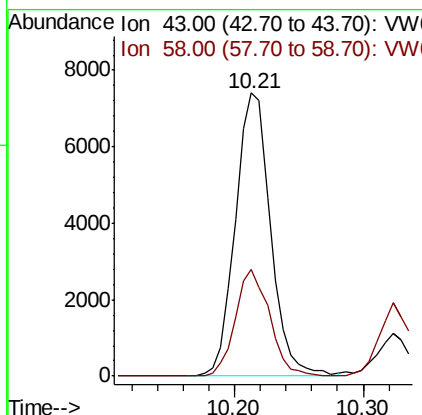
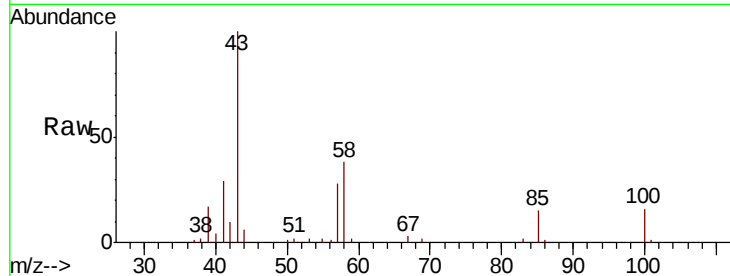




#51
4-Methyl-2-Pentanone
Concen: 12.279 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

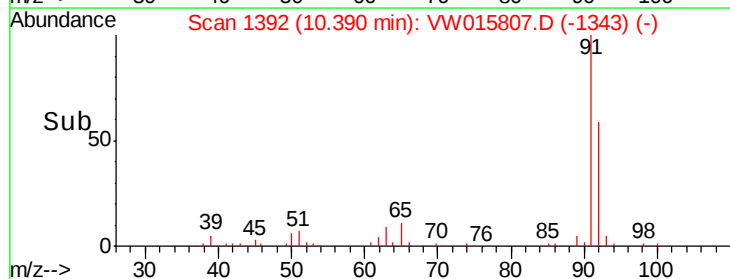
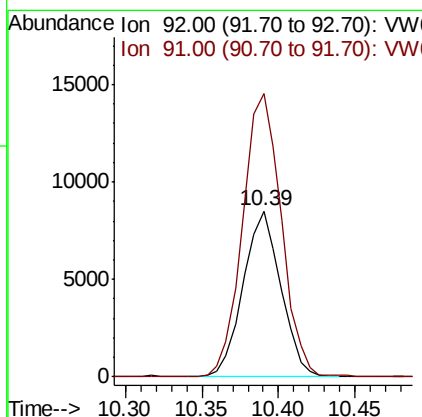
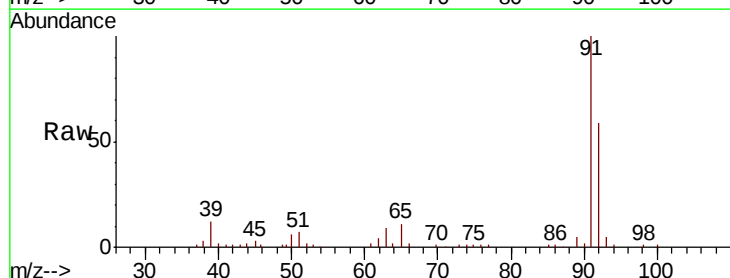
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 43 Resp: 14039
Ion Ratio Lower Upper
43 100
58 36.6 30.9 46.3



#52
Toluene
Concen: 2.680 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 92 Resp: 14593
Ion Ratio Lower Upper
92 100
91 175.5 137.1 205.7

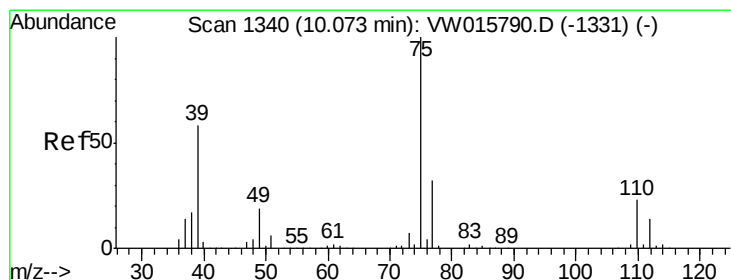
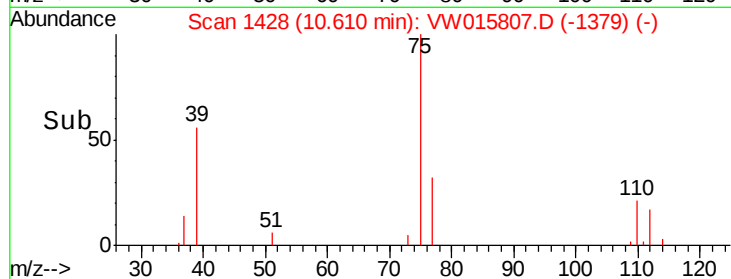
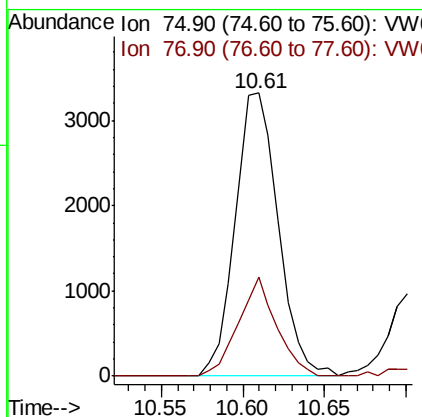
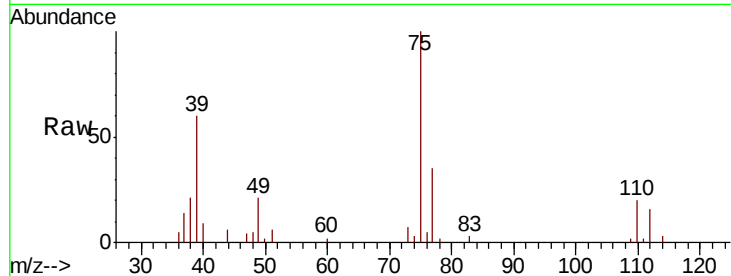




#53
 t-1,3-Dichloropropene
 Concen: 2.298 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

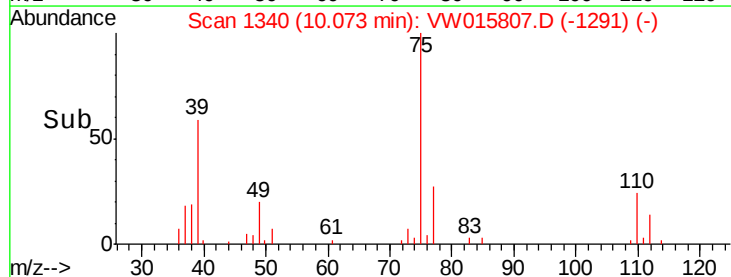
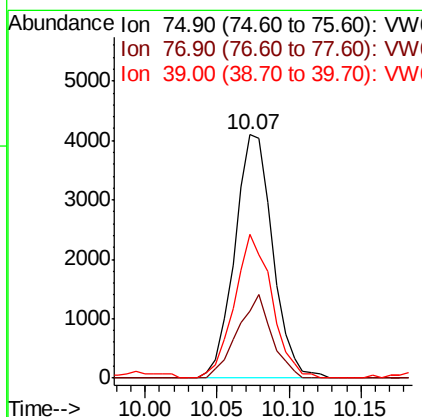
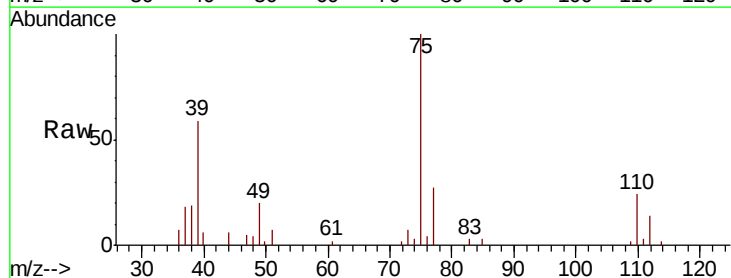
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

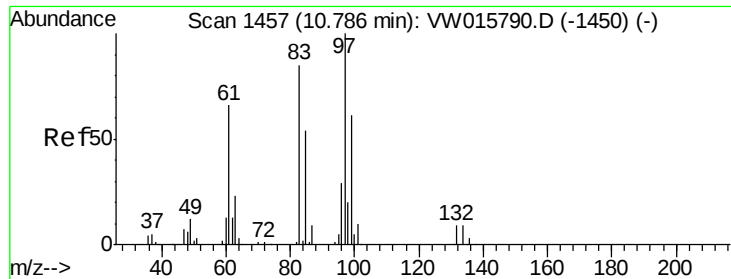
Tot Ion: 75 Resp: 6106
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 2.366 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 75 Resp: 7520
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.2 37.8
 39 59.3 46.0 69.0

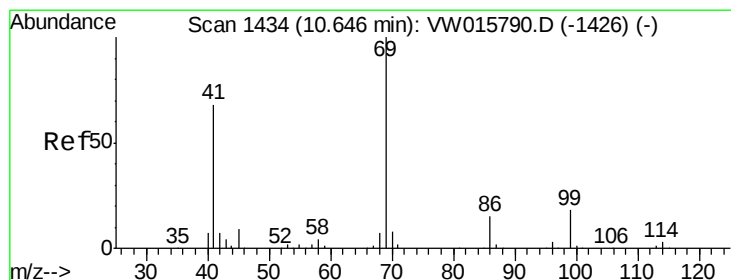
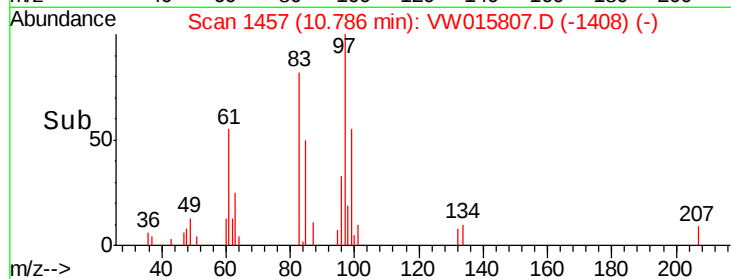
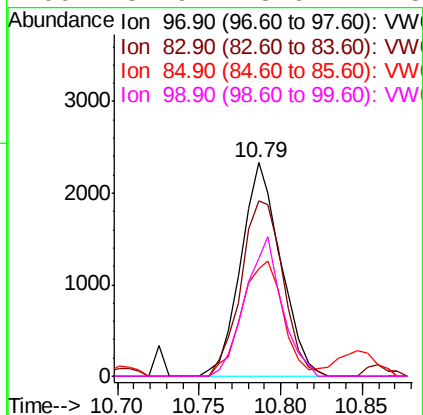
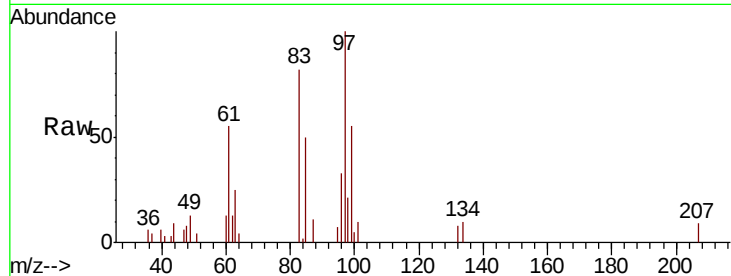




#55
 1,1,2-Trichloroethane
 Concen: 2.672 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

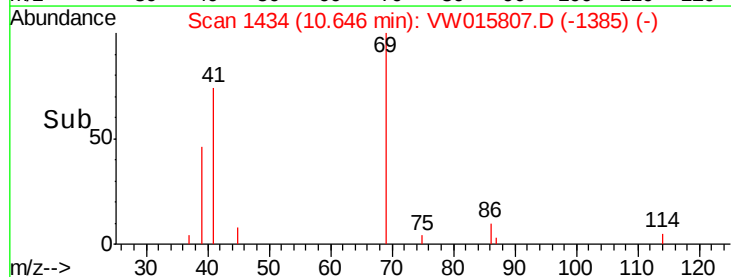
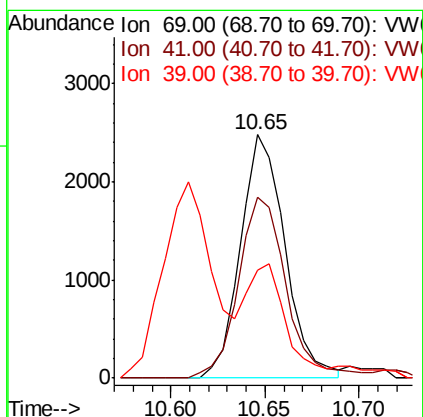
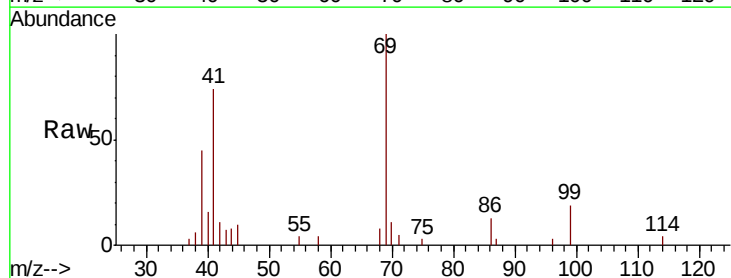
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

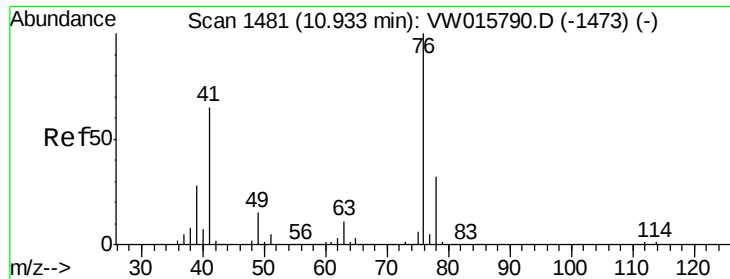
Tot Ion:	97	Resp:	3968
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.2	102.4
85	50.2	43.4	65.0
99	54.9	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 2.226 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion:	69	Resp:	4064
Ion	Ratio	Lower	Upper
69	100		
41	80.1	55.0	82.6
39	36.8	33.8	50.8

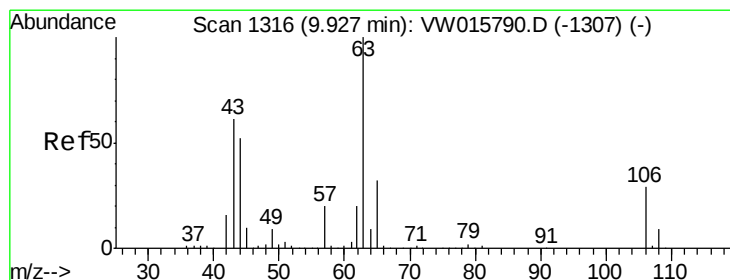
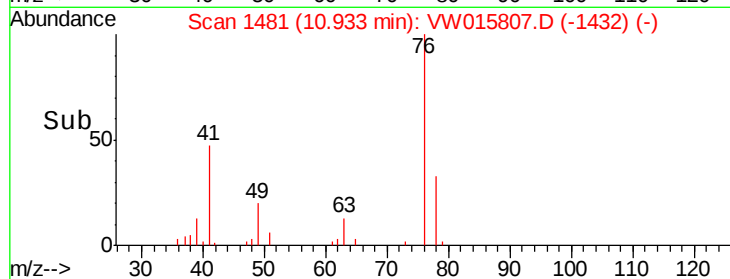
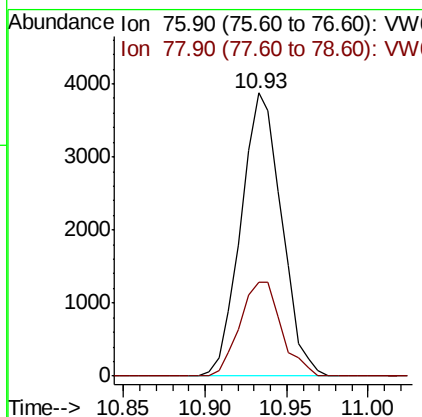
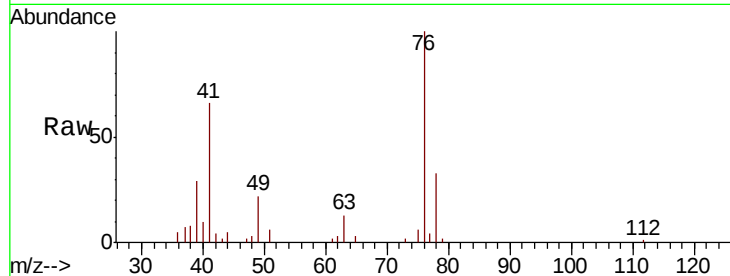




#57
 1,3-Dichloropropane
 Concen: 2.560 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

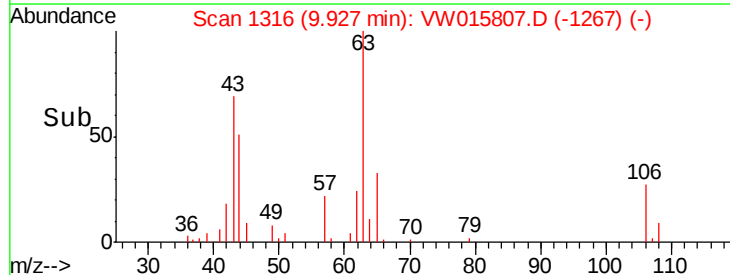
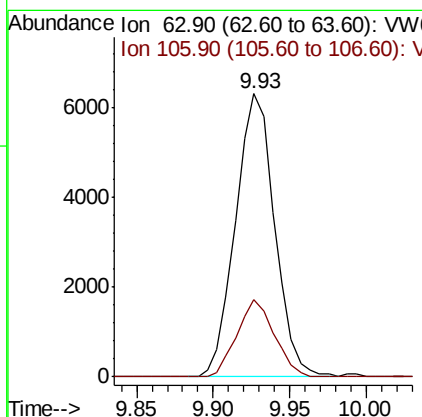
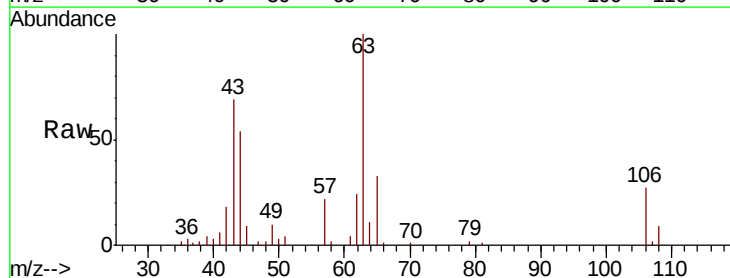
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

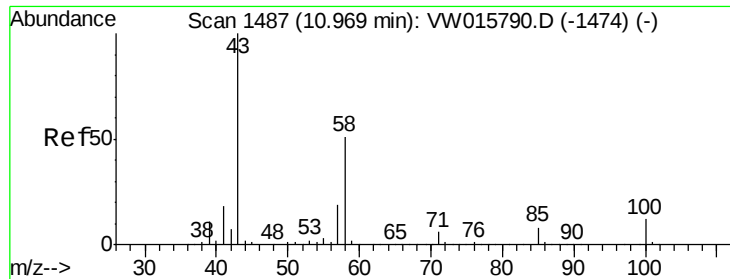
Tot Ion: 76 Resp: 6728
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.562 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 63 Resp: 11205
 Ion Ratio Lower Upper
 63 100
 106 25.9 23.1 34.7





#59

2-Hexanone

Concen: 12.037 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

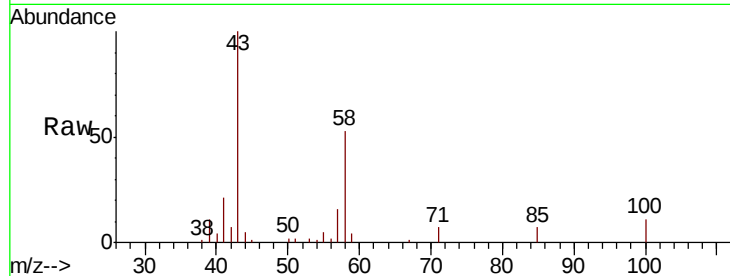
TP-8-S1

Tot Ion: 43 Resp: 9184

Ion Ratio Lower Upper

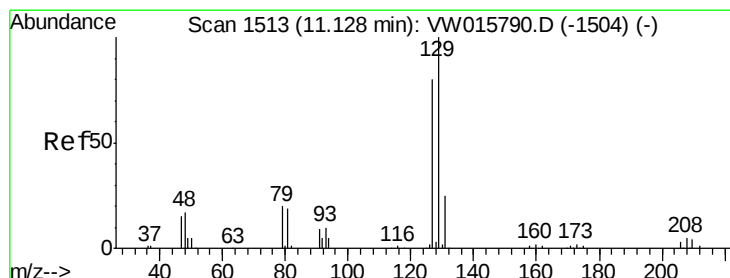
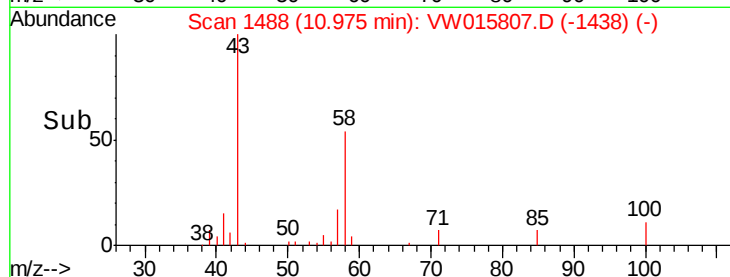
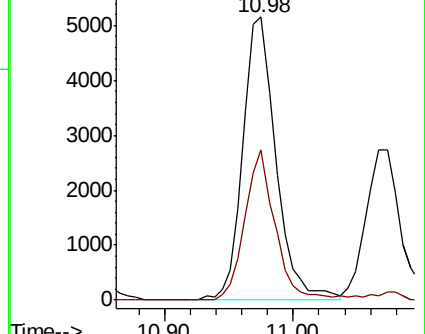
43 100

58 47.9 26.2 78.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 2.407 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015807.D

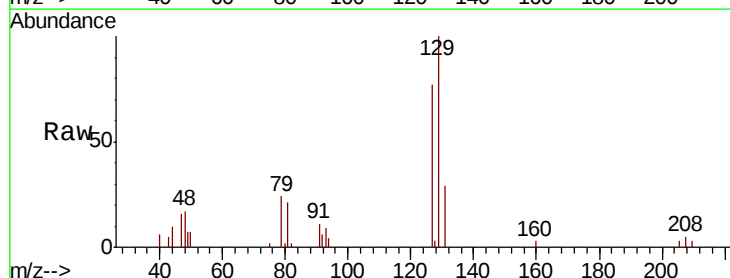
Acq: 08 Jul 2020 14:18

Tgt Ion: 129 Resp: 4128

Ion Ratio Lower Upper

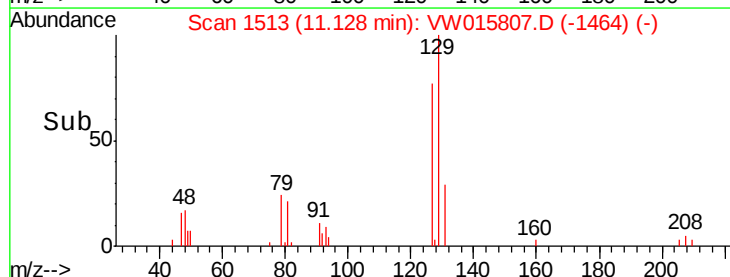
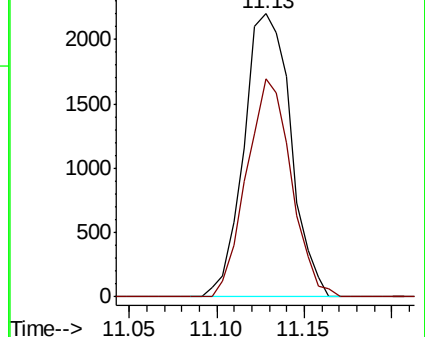
129 100

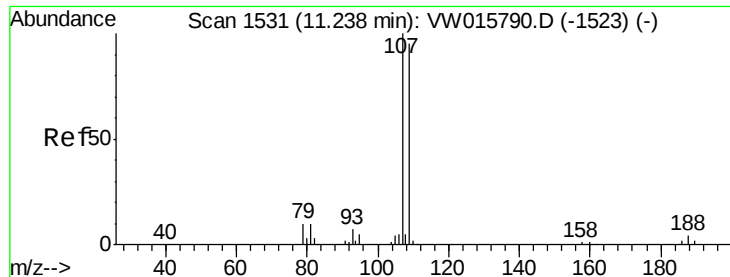
127 73.4 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

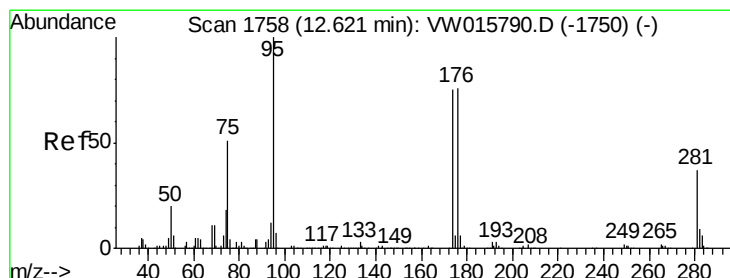
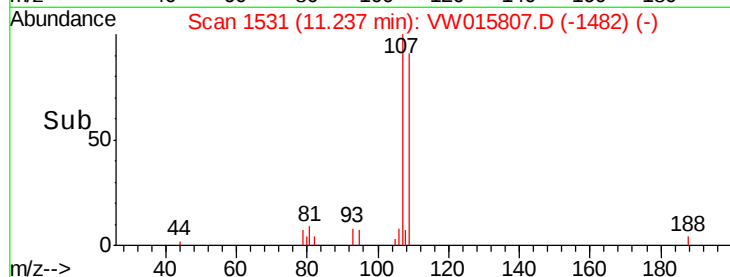
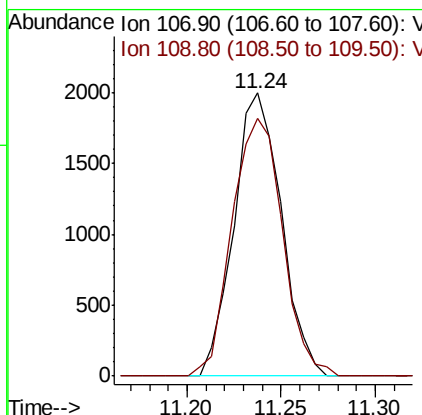
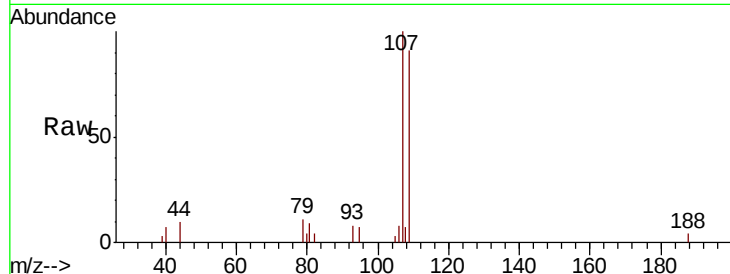




#61
 1,2-Dibromoethane
 Concen: 2.450 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

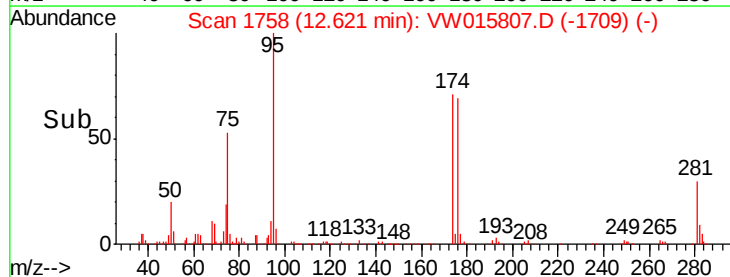
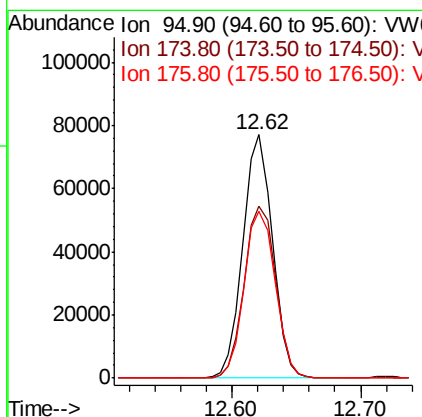
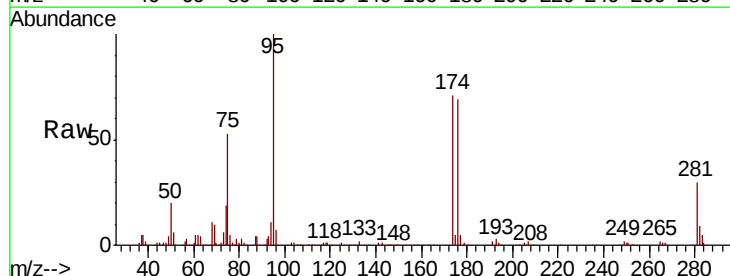
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion: 107 Resp: 3481
 Ion Ratio Lower Upper
 107 100
 109 97.1 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 47.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 95 Resp: 122411
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 72.1 0.0 148.4

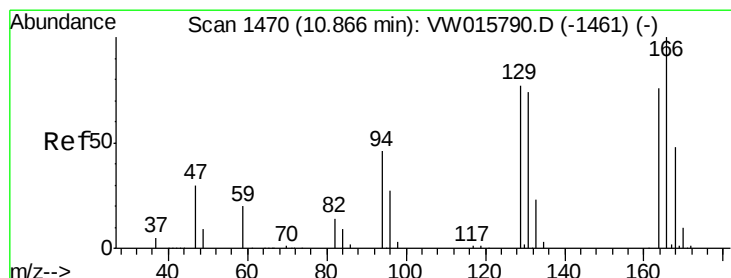
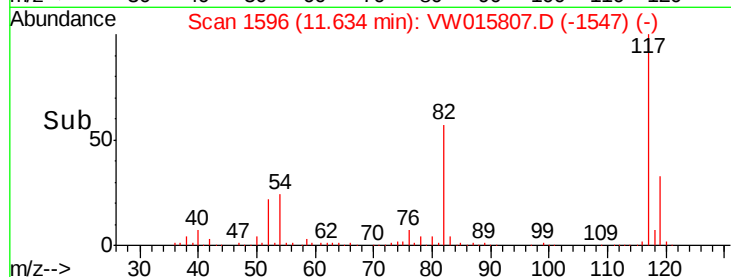
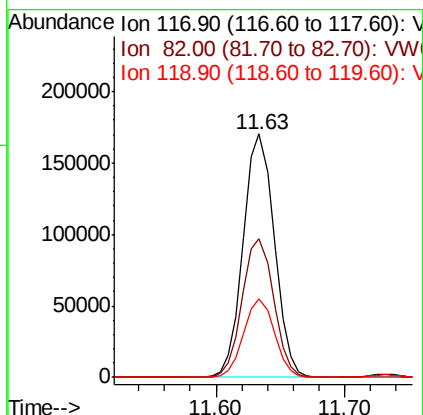
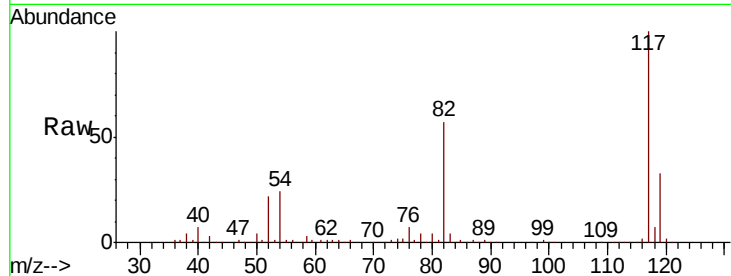




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

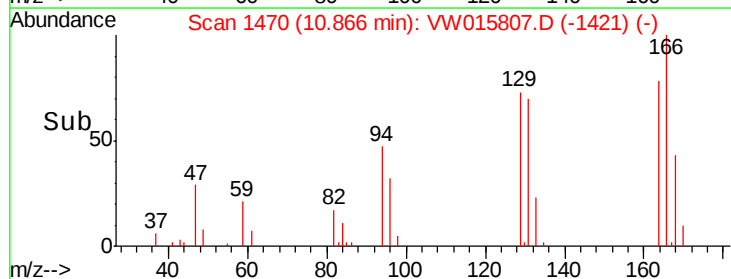
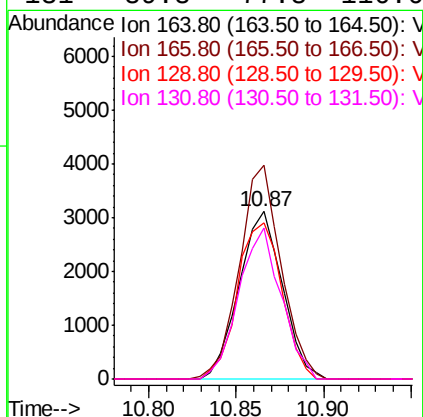
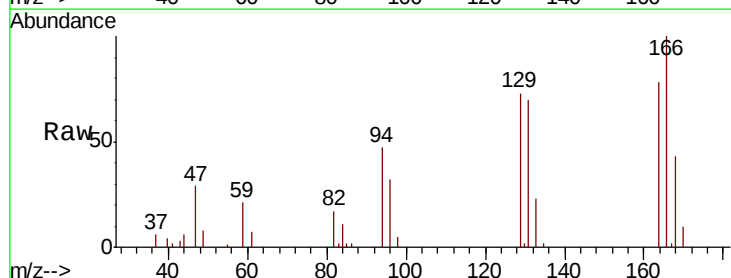
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

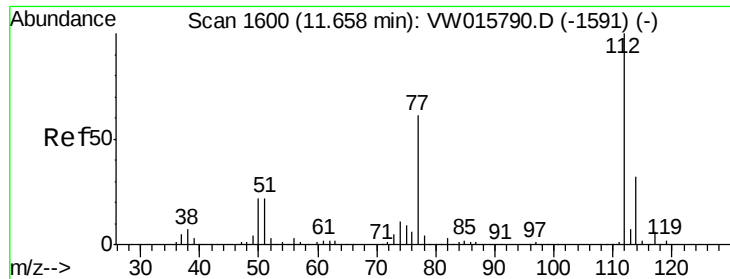
Tot Ion:117 Resp: 285445
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 2.963 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:164 Resp: 5352
Ion Ratio Lower Upper
164 100
166 127.4 105.1 157.7
129 92.8 80.6 121.0
131 89.8 77.8 116.6

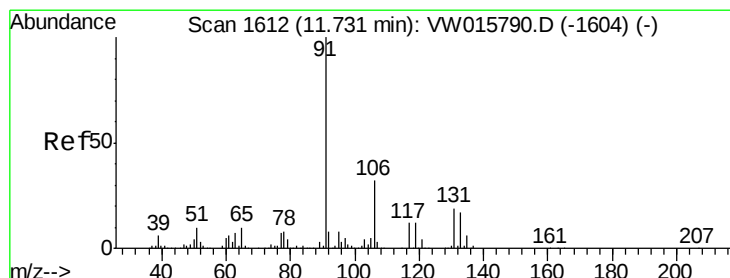
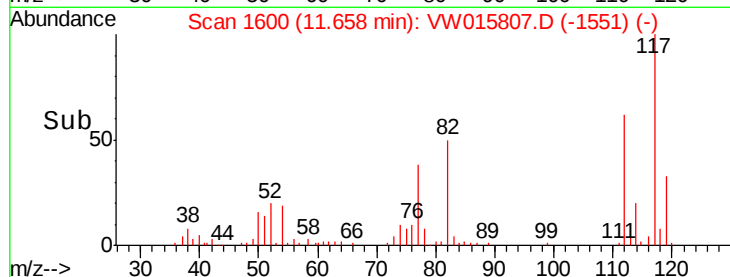
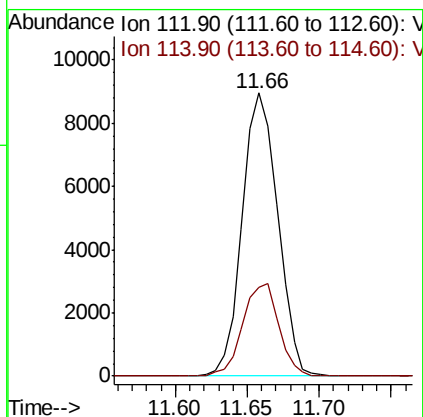
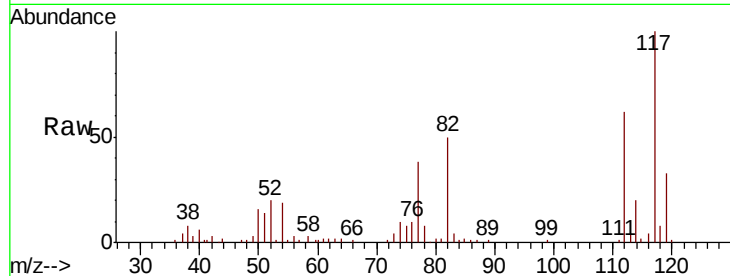




#65
Chlorobenzene
Concen: 2.748 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

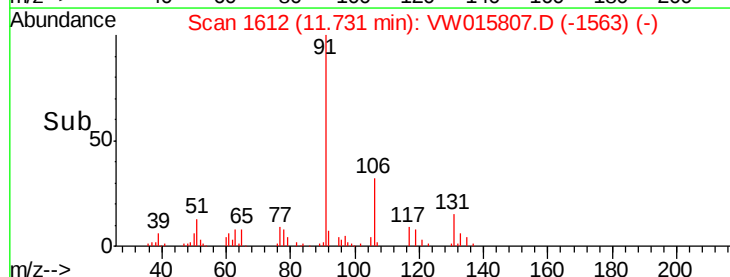
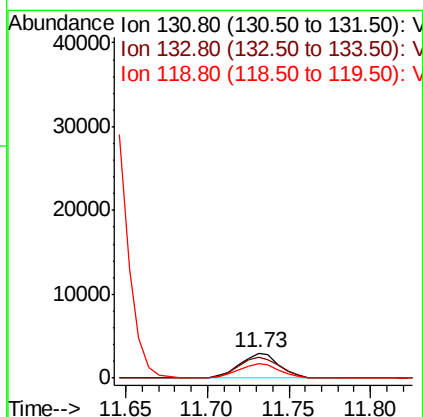
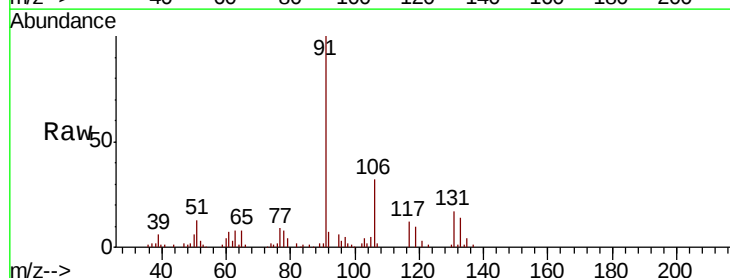
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

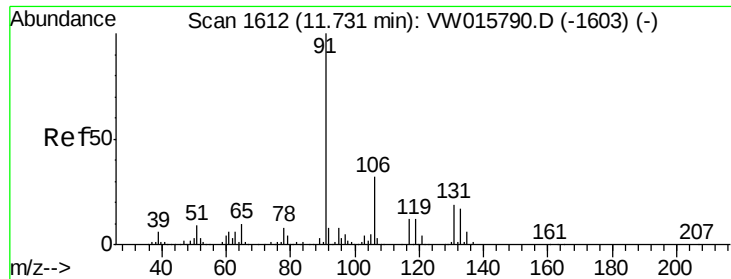
Tot Ion:112 Resp: 15339
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.521 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:131 Resp: 4981
Ion Ratio Lower Upper
131 100
133 89.0 47.0 141.2
119 62.5 32.3 96.8

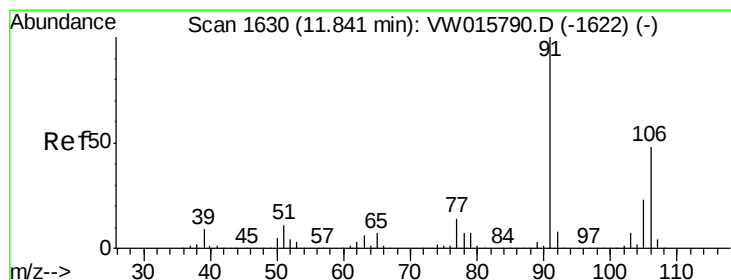
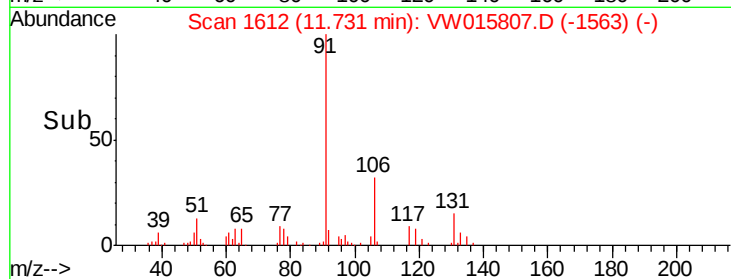
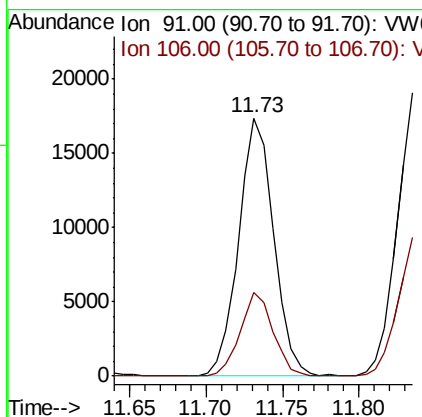
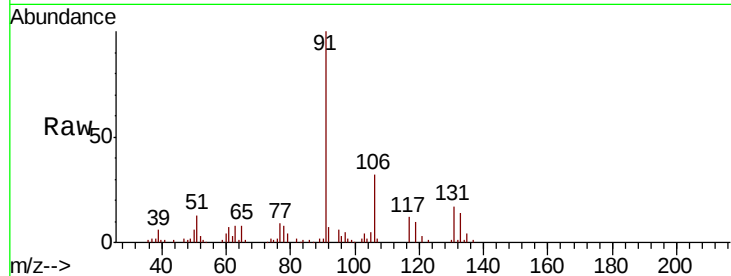




#67
Ethyl Benzene
Concen: 2.672 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

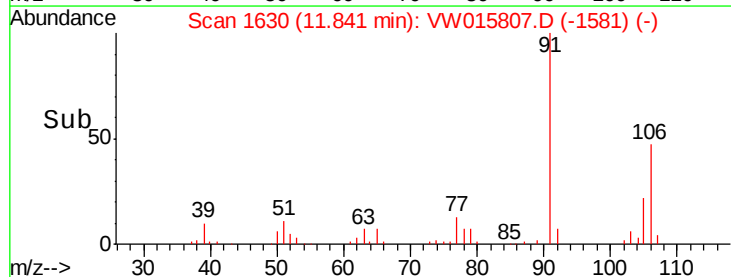
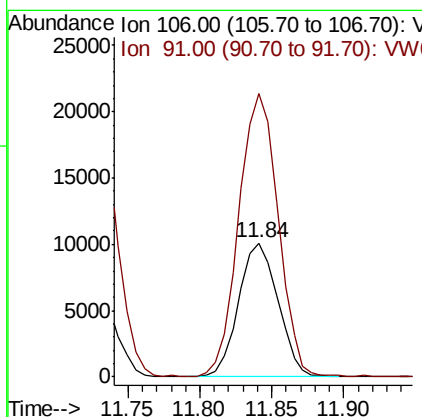
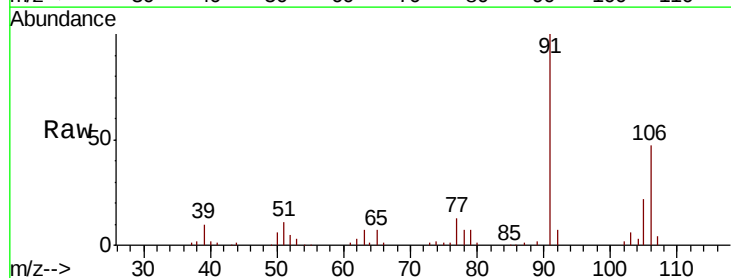
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

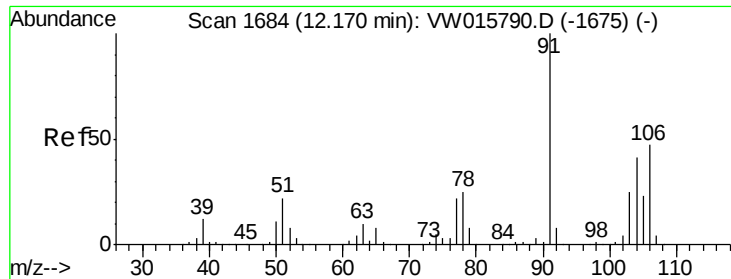
Tot Ion: 91 Resp: 27617
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8



#68
m/p-Xylenes
Concen: 4.927 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 106 Resp: 19133
Ion Ratio Lower Upper
106 100
91 212.6 164.1 246.1

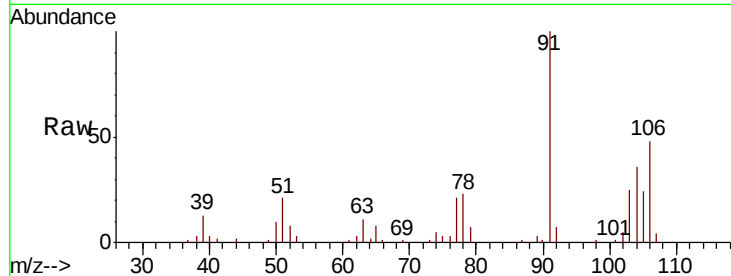




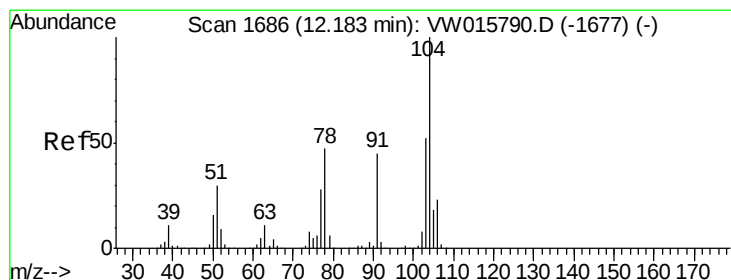
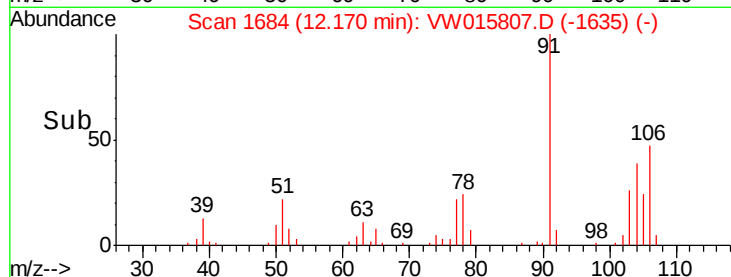
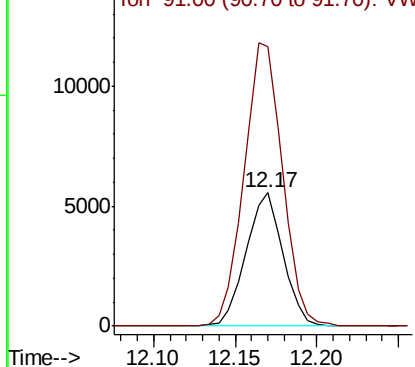
#69
o-Xylene
Concen: 2.470 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion:106 Resp: 8754
Ion Ratio Lower Upper
106 100
91 220.9 108.5 325.3

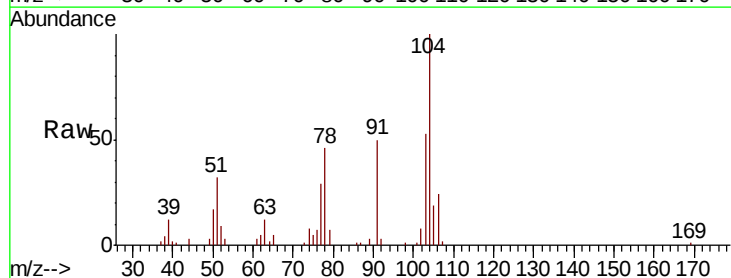


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

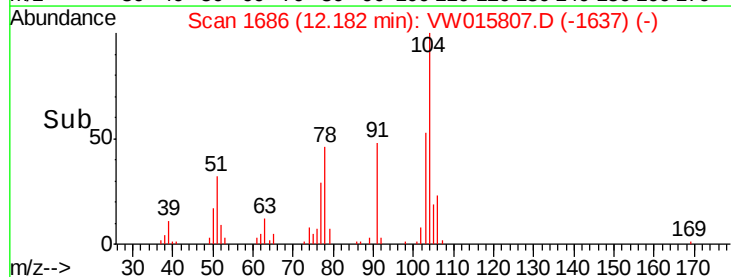
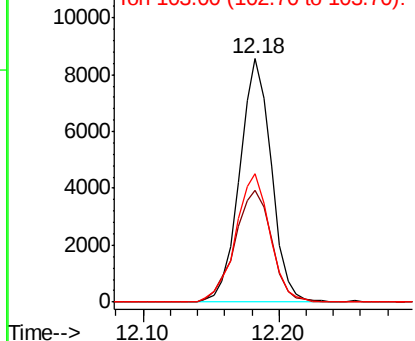


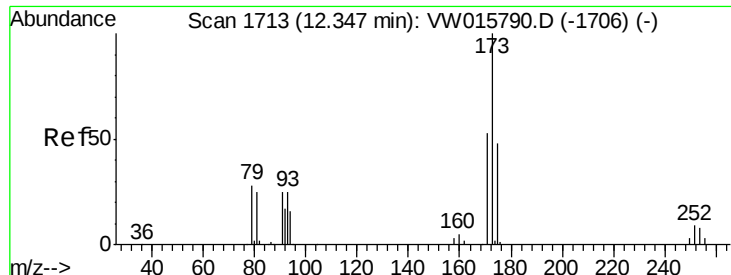
#70
Styrene
Concen: 2.285 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:104 Resp: 13939
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 56.8 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: 2.269 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

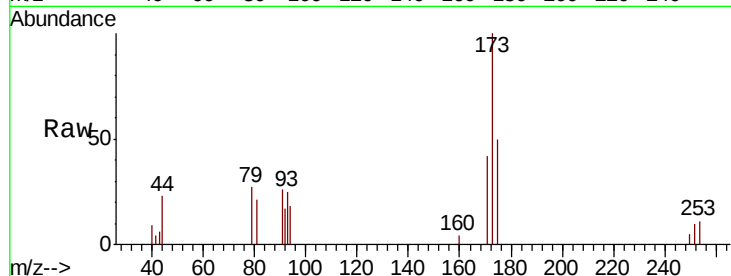
Tot Ion:173 Resp: 2046

Ion Ratio Lower Upper

173 100

175 50.2 23.5 70.5

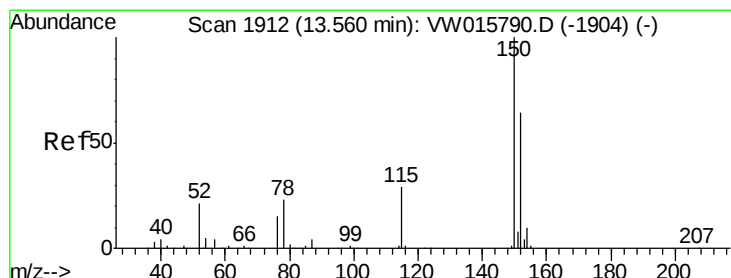
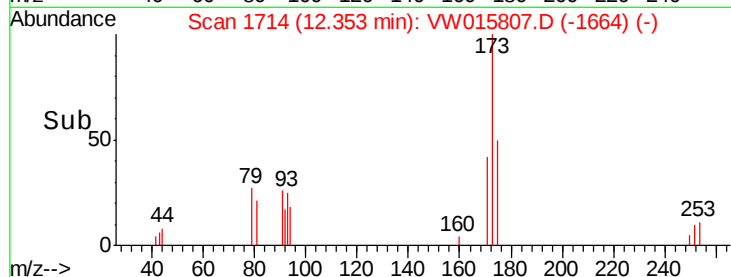
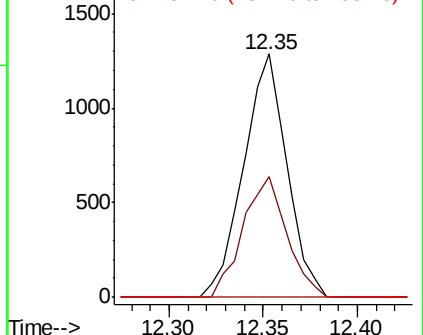
254 0.0 0.0 0.0



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: VW015807.D

Acq: 08 Jul 2020 14:18

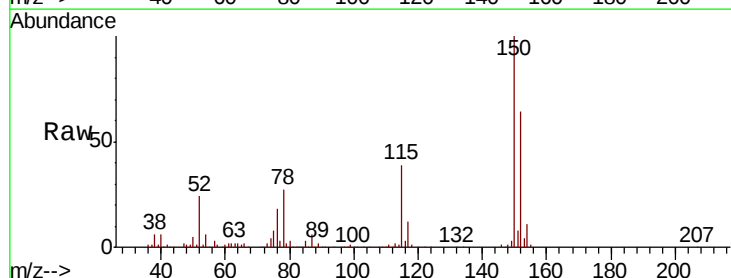
Tgt Ion:152 Resp: 134778

Ion Ratio Lower Upper

152 100

115 60.1 29.9 89.7

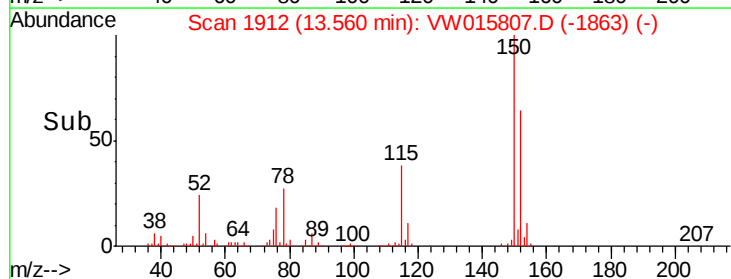
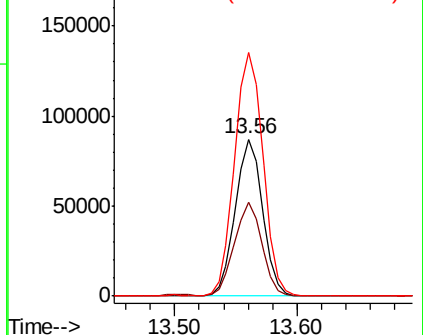
150 161.7 0.0 350.8



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: 2.493 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

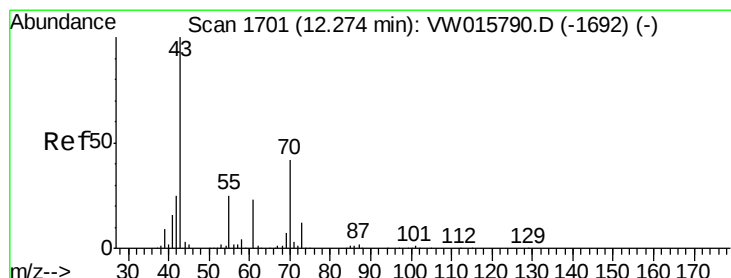
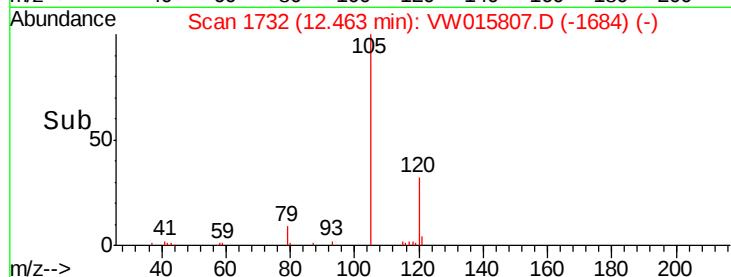
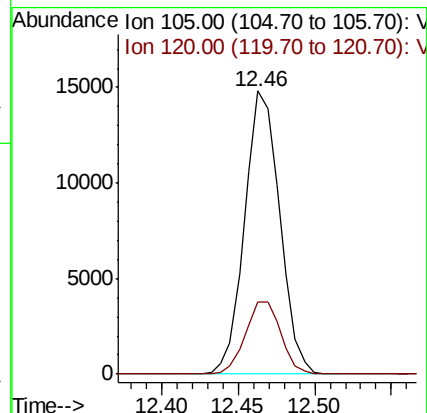
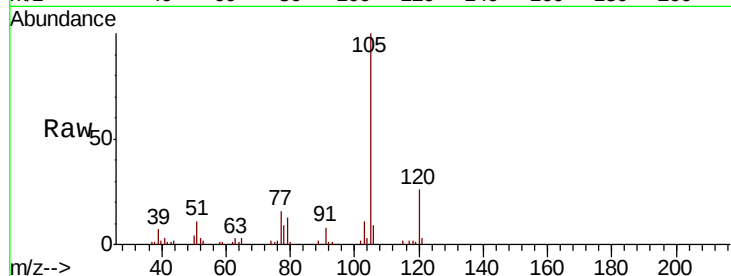
TP-8-S1

Tot Ion:105 Resp: 23675

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 2.293 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion: 43 Resp: 4658

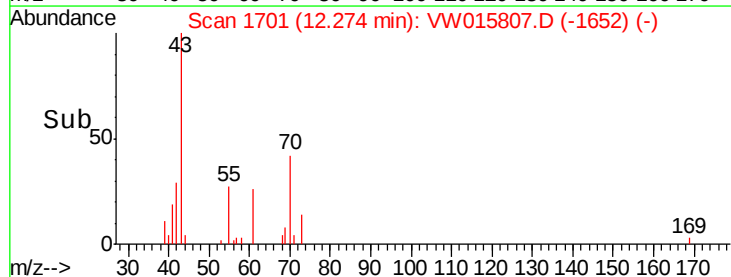
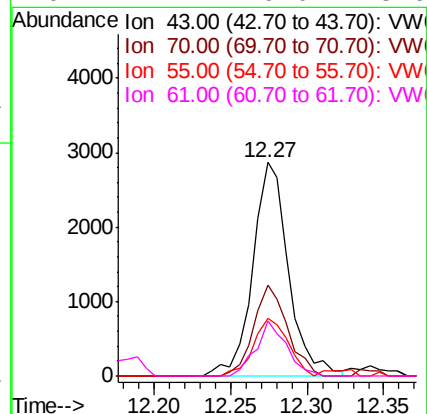
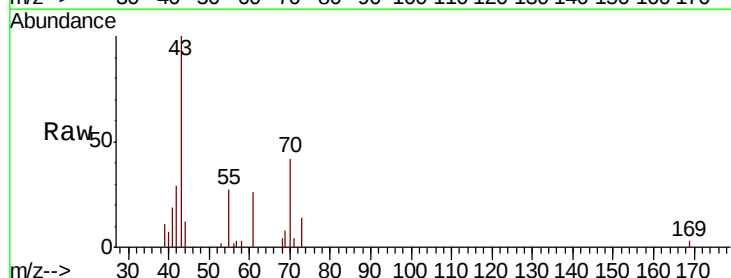
Ion Ratio Lower Upper

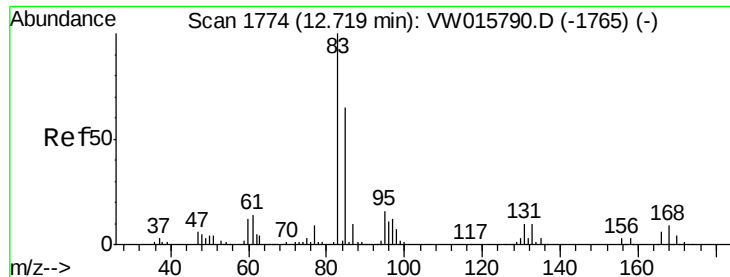
43 100

70 40.2 34.1 51.1

55 25.9 20.0 30.0

61 22.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.819 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

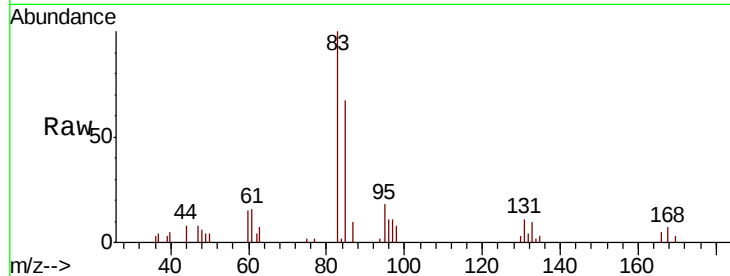
Tot Ion: 83 Resp: 4448

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

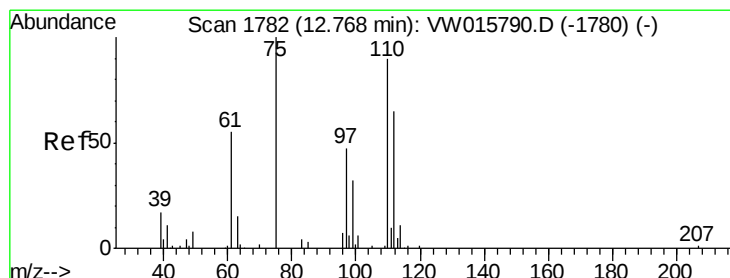
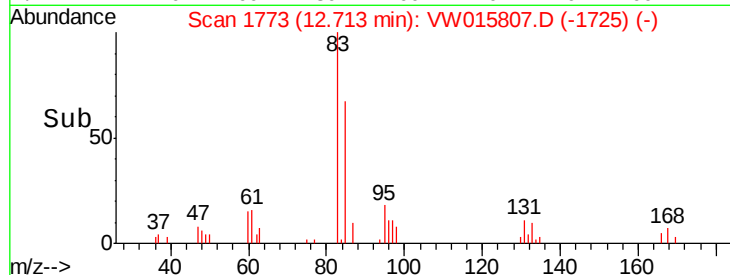
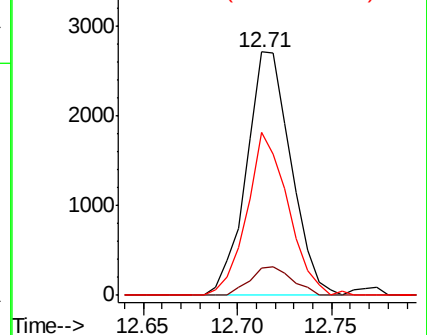
85 62.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 4.602 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW015807.D

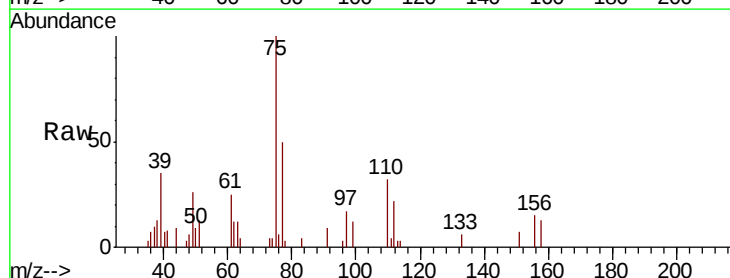
Acq: 08 Jul 2020 14:18

Tgt Ion: 75 Resp: 5451

Ion Ratio Lower Upper

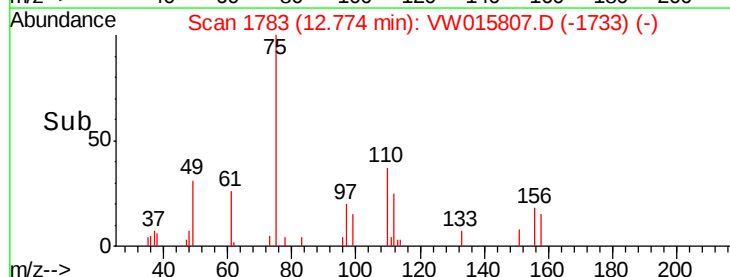
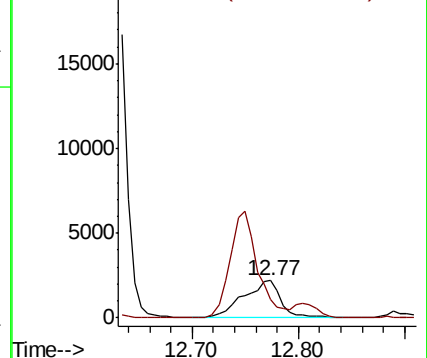
75 100

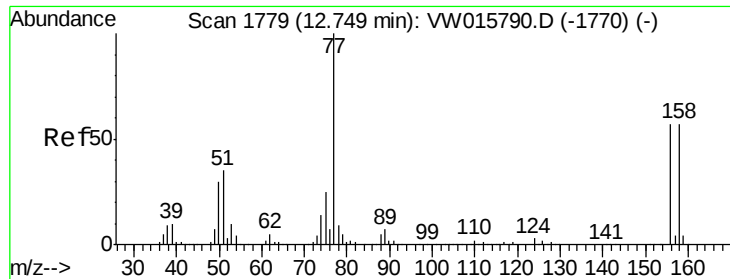
77 0.0 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 2.904 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

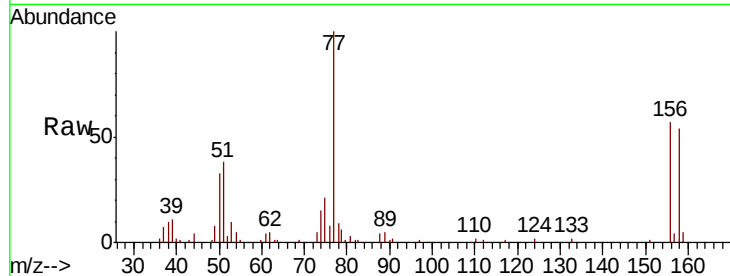
Tot Ion:156 Resp: 6182

Ion Ratio Lower Upper

156 100

77 187.0 98.8 296.4

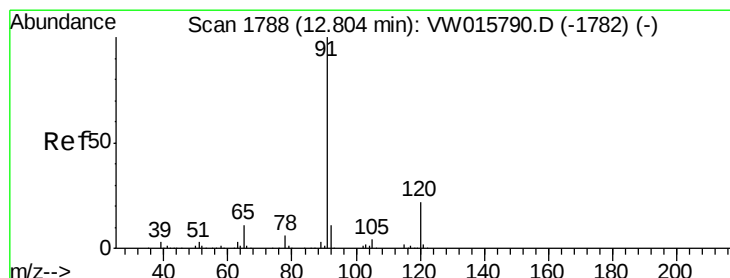
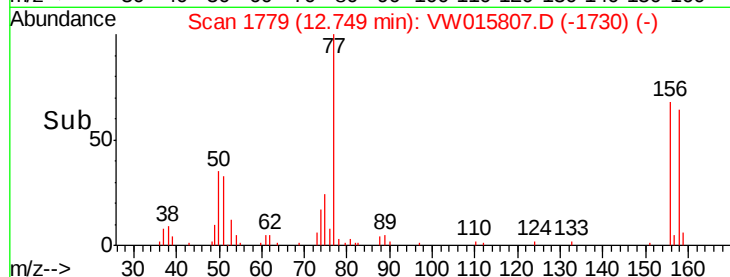
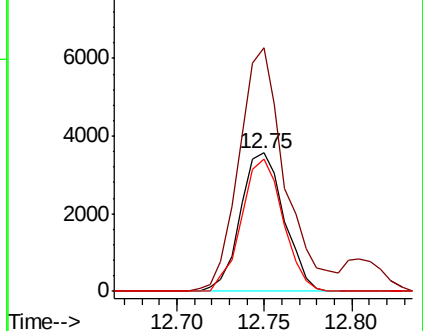
158 90.9 50.0 149.8



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: 2.754 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015807.D

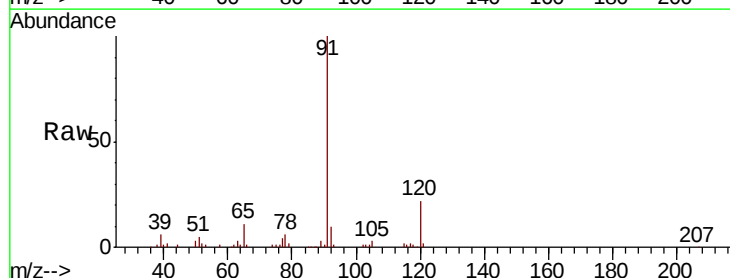
Acq: 08 Jul 2020 14:18

Tgt Ion: 91 Resp: 31741

Ion Ratio Lower Upper

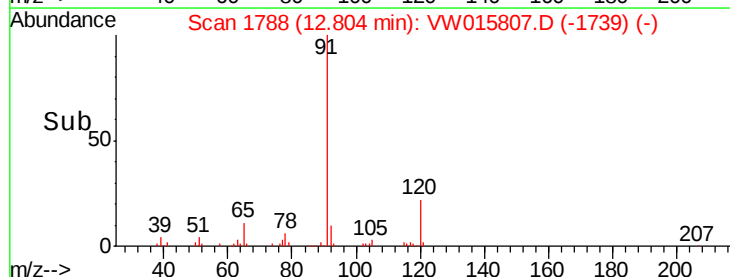
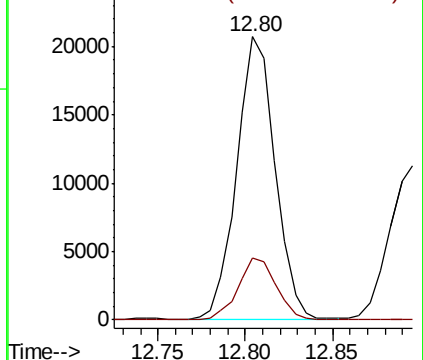
91 100

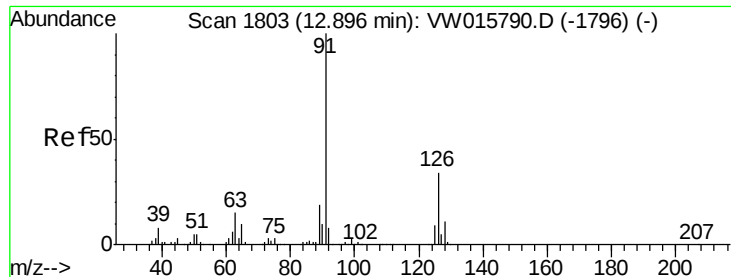
120 21.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.732 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

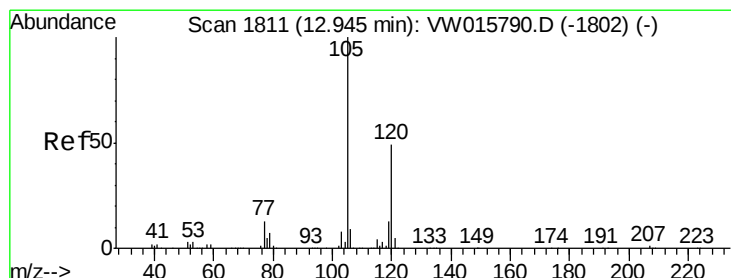
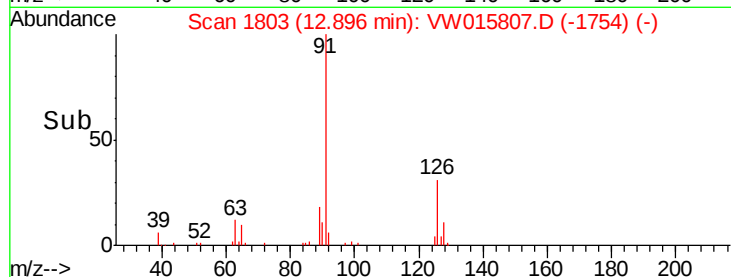
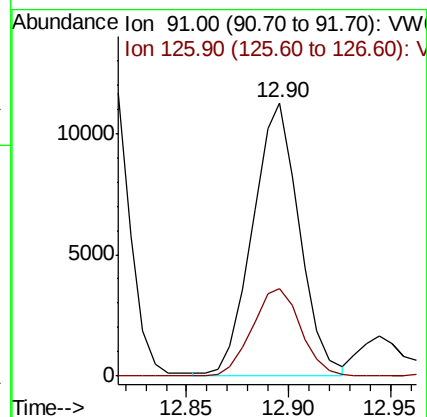
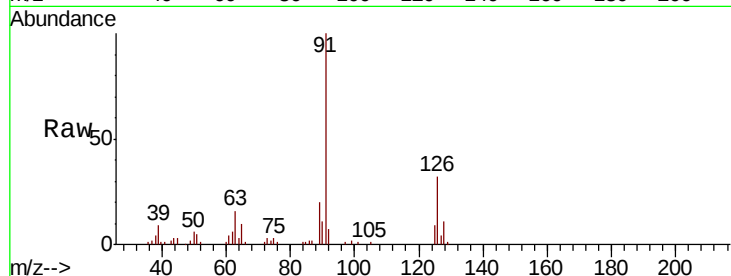
TP-8-S1

Tot Ion: 91 Resp: 17955

Ion Ratio Lower Upper

91 100

126 33.1 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 2.586 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015807.D

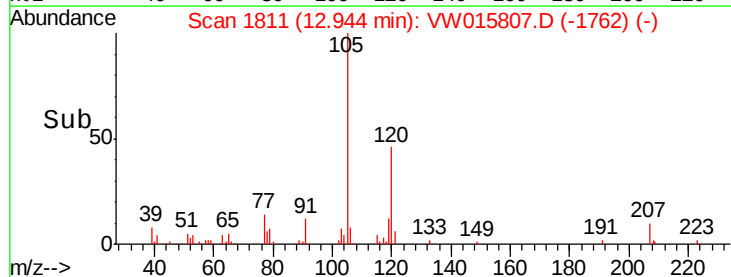
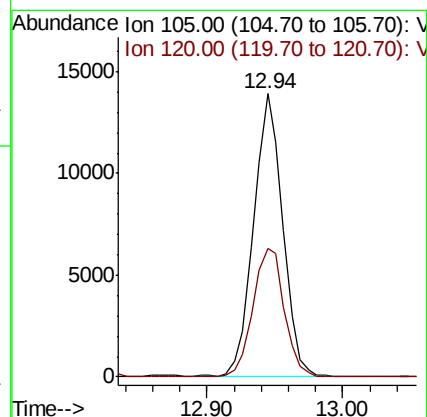
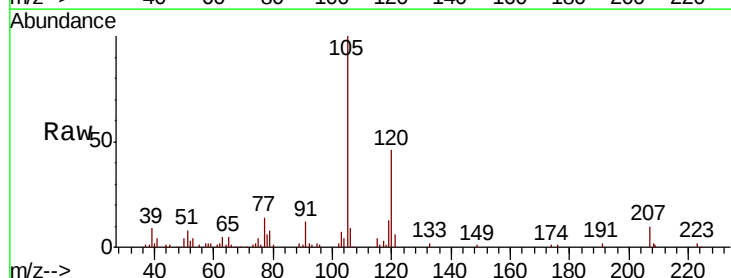
Acq: 08 Jul 2020 14:18

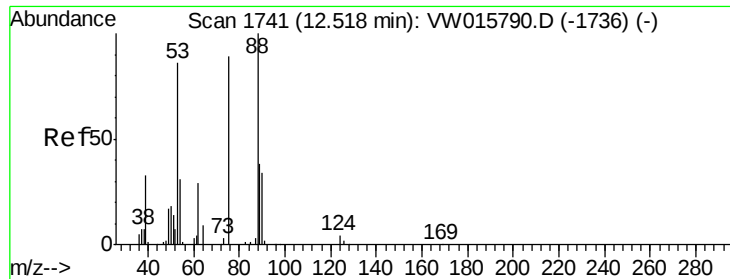
Tgt Ion:105 Resp: 20924

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 143.780 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

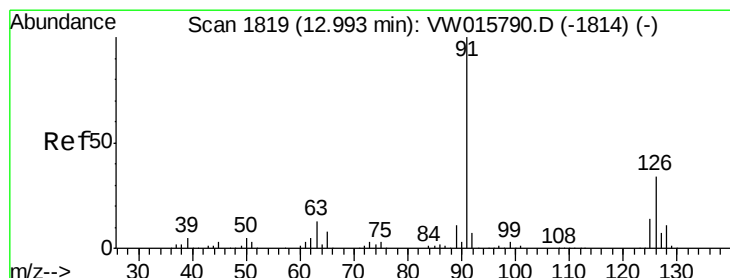
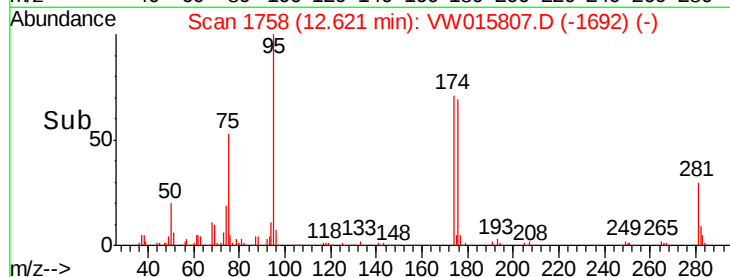
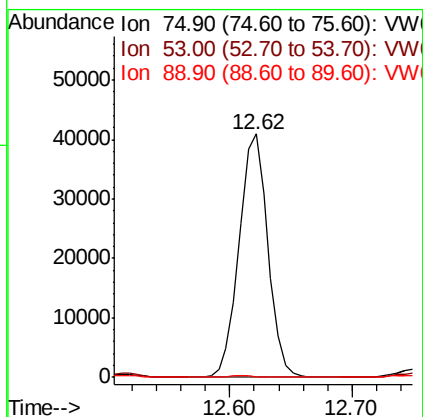
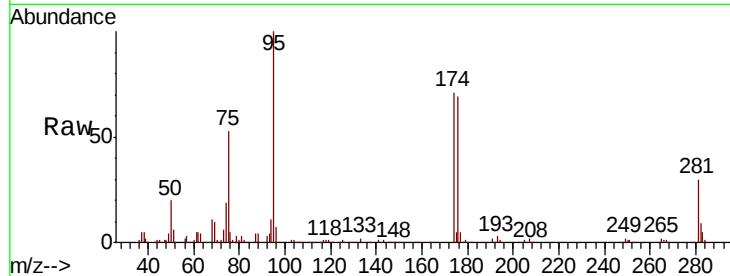
Tot Ion: 75 Resp: 66634

Ion Ratio Lower Upper

75 100

53 0.0 85.9 128.9#

89 0.6 36.2 54.4#



#82

4-Chlorotoluene

Concen: 2.779 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW015807.D

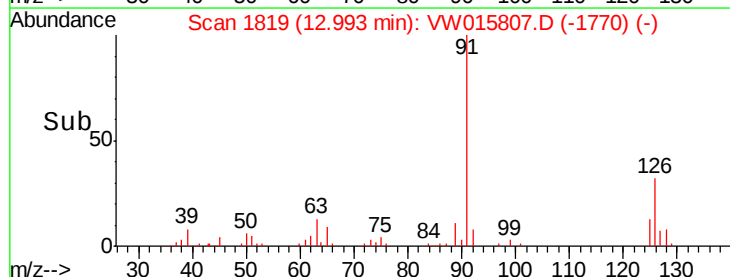
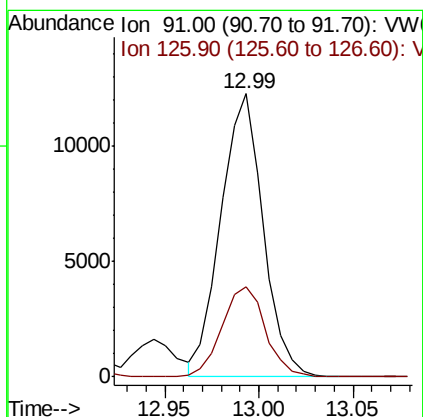
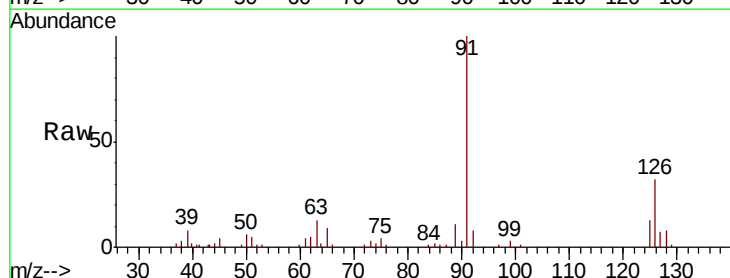
Acq: 08 Jul 2020 14:18

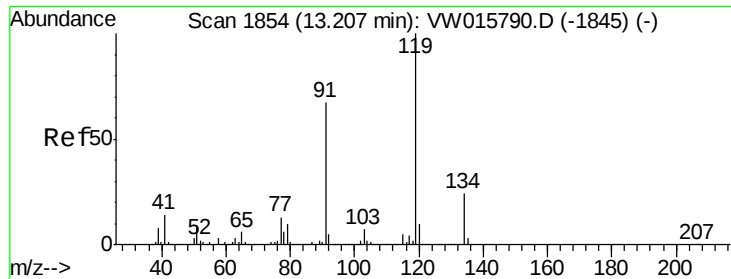
Tgt Ion: 91 Resp: 19076

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

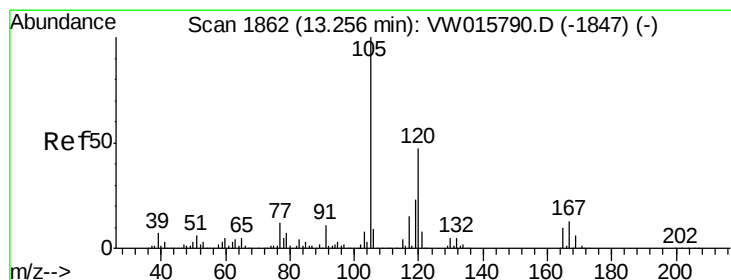
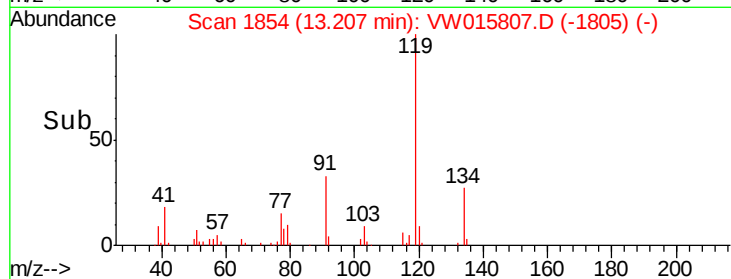
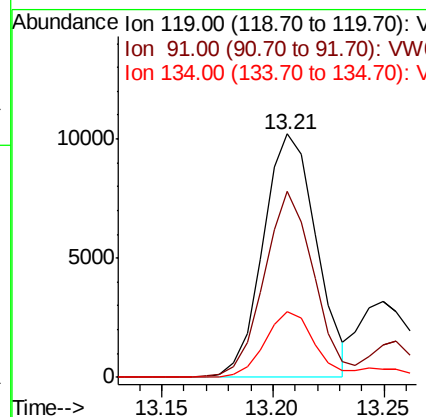
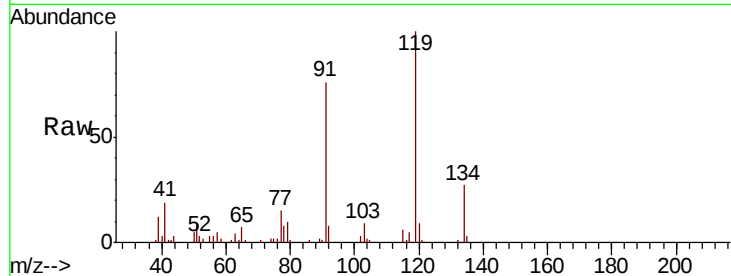




#83
tert-Butylbenzene
Concen: 2.523 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

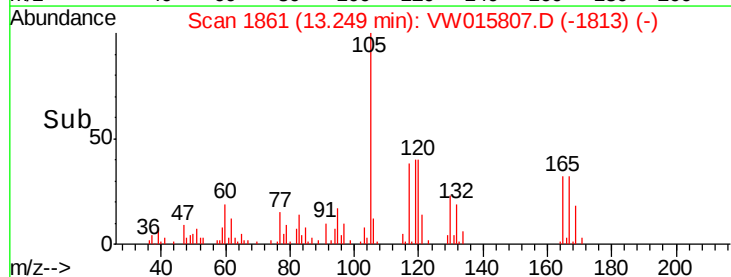
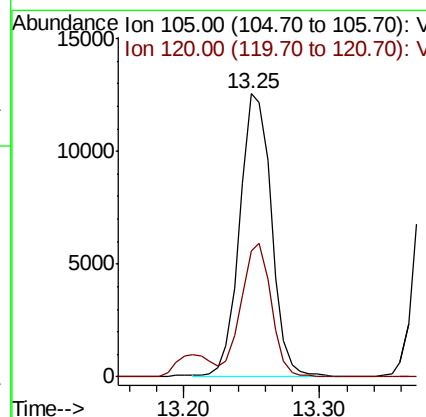
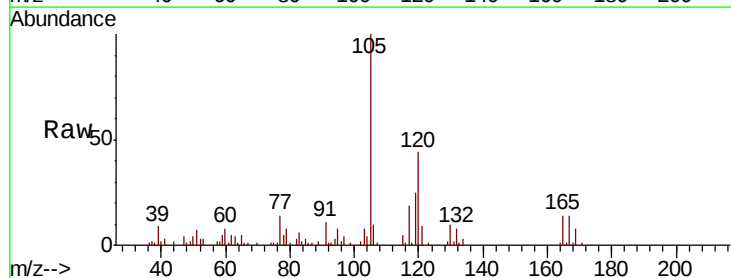
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

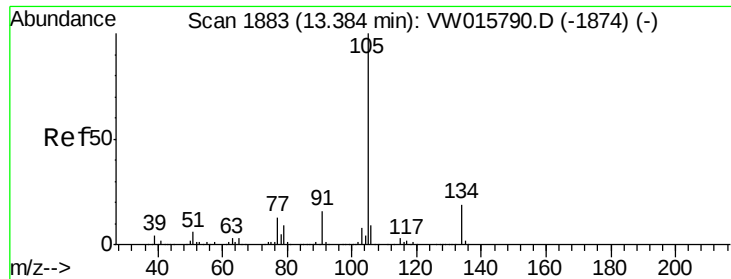
Tot Ion:119 Resp: 16949
Ion Ratio Lower Upper
119 100
91 71.8 34.4 103.3
134 25.5 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 2.539 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:105 Resp: 20519
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.684 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

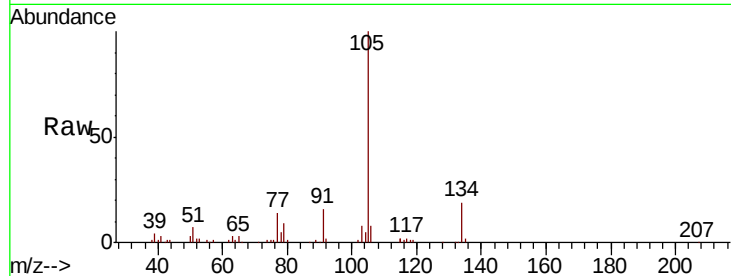
TP-8-S1

Tot Ion:105 Resp: 26042

Ion Ratio Lower Upper

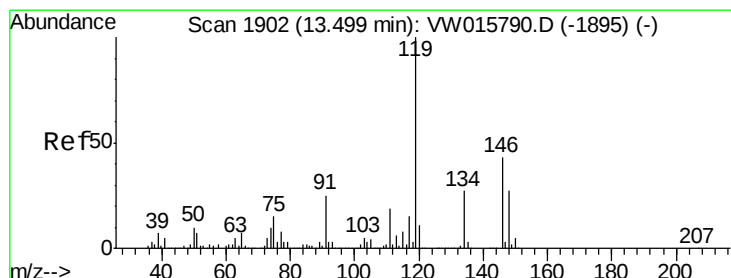
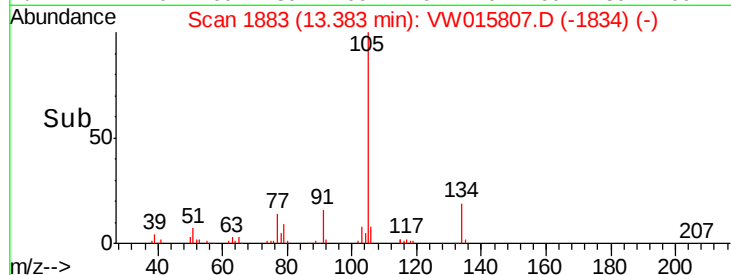
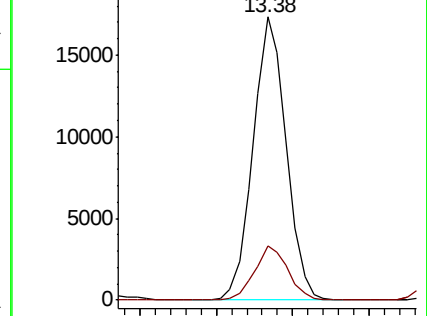
105 100

134 19.3 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.575 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

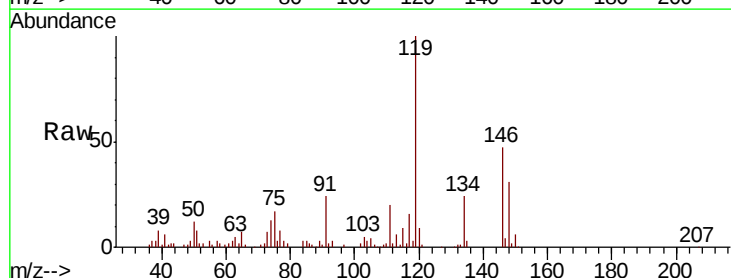
Tgt Ion:119 Resp: 22812

Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.6

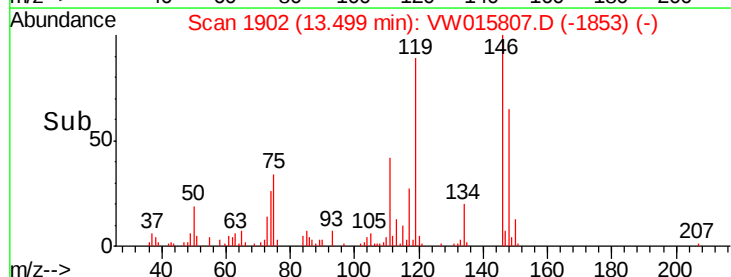
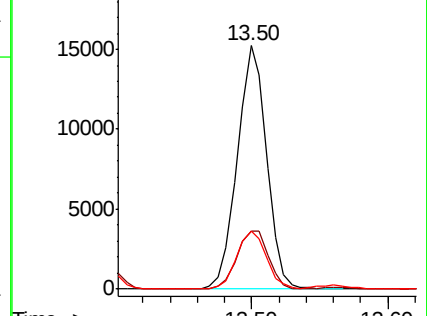
91 24.3 12.2 36.6

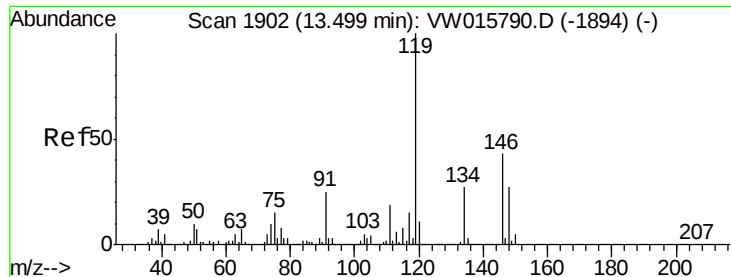


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 2.779 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

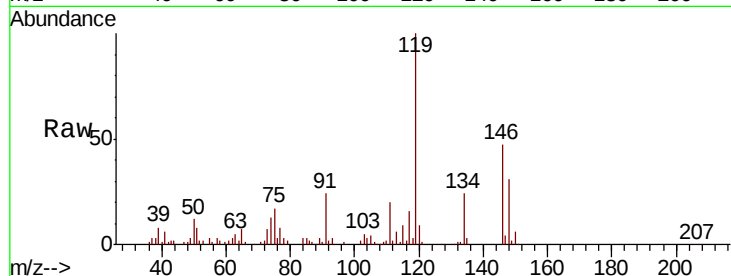
Tot Ion:146 Resp: 11859

Ion Ratio Lower Upper

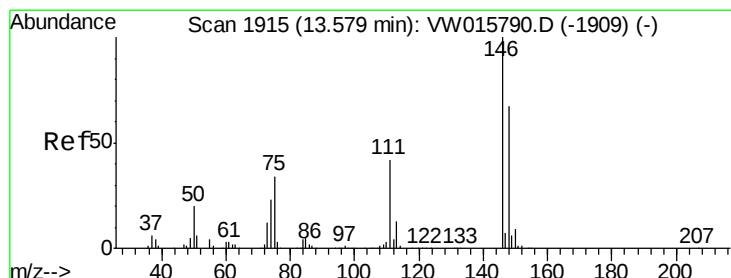
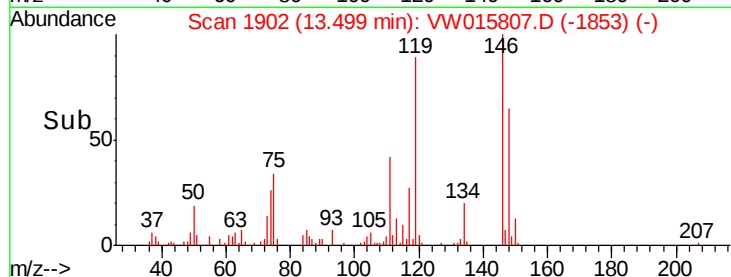
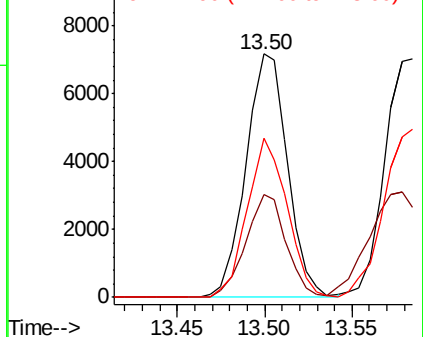
146 100

111 40.9 20.8 62.4

148 62.5 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: 2.841 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

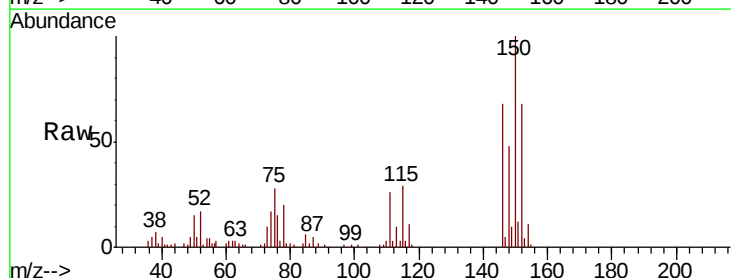
Tgt Ion:146 Resp: 11869

Ion Ratio Lower Upper

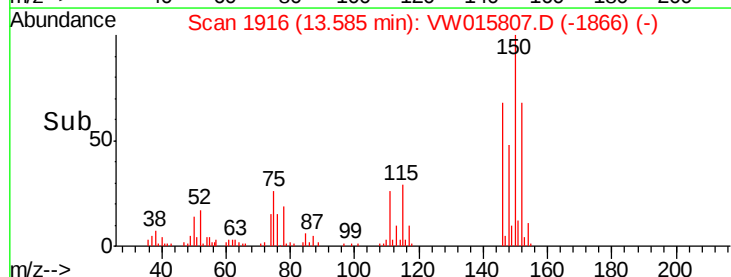
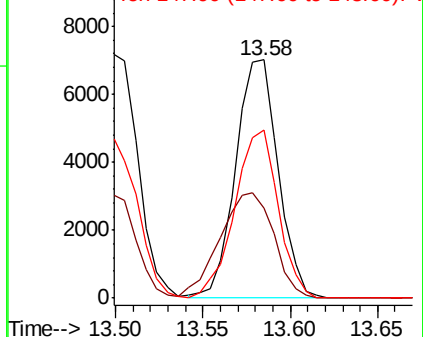
146 100

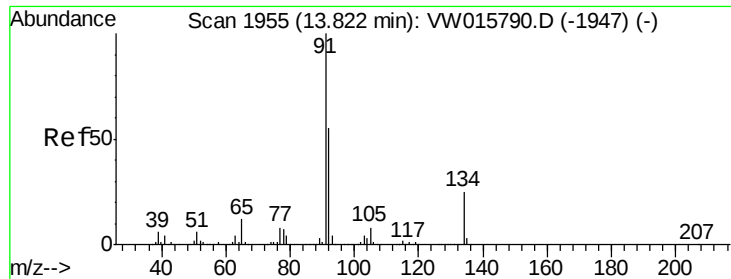
111 55.9 20.2 60.6

148 72.3 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: 2.664 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

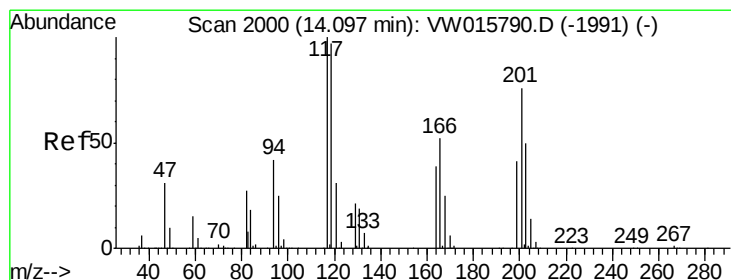
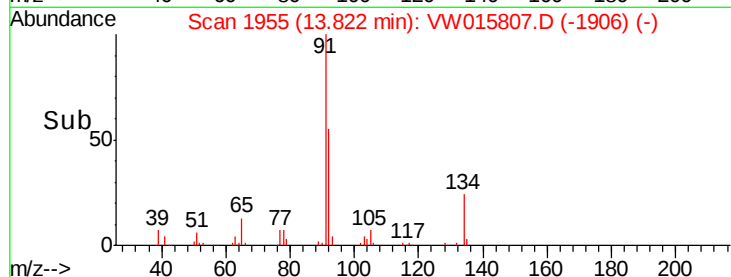
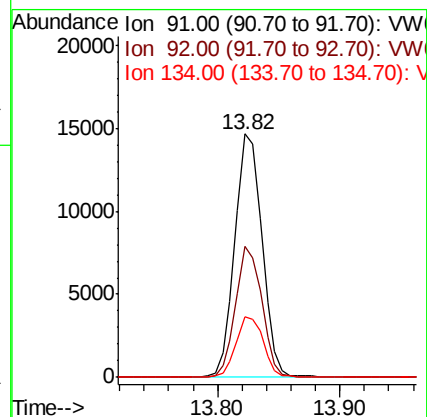
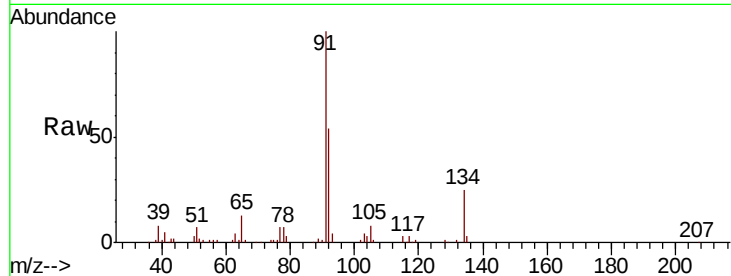
Tot Ion: 91 Resp: 22592

Ion Ratio Lower Upper

91 100

92 51.7 27.2 81.6

134 24.9 12.7 38.1



#90

Hexachloroethane

Concen: 2.533 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015807.D

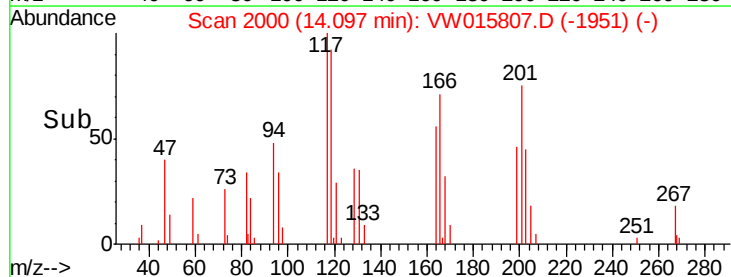
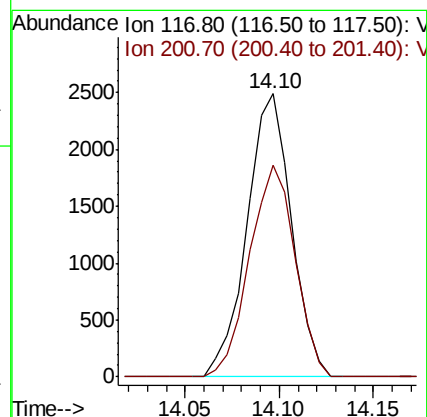
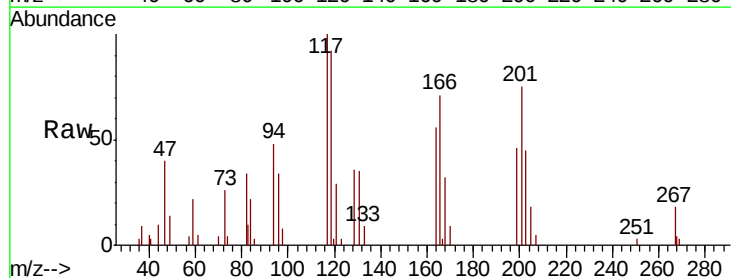
Acq: 08 Jul 2020 14:18

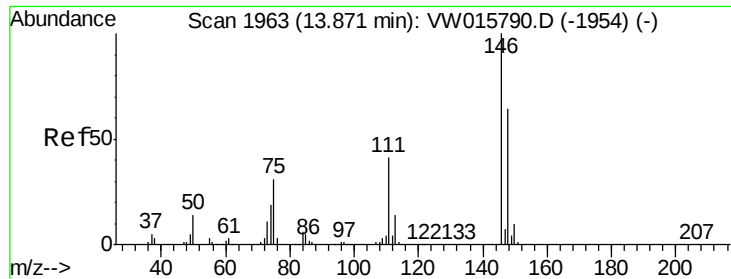
Tgt Ion: 117 Resp: 4068

Ion Ratio Lower Upper

117 100

201 76.5 37.1 111.3

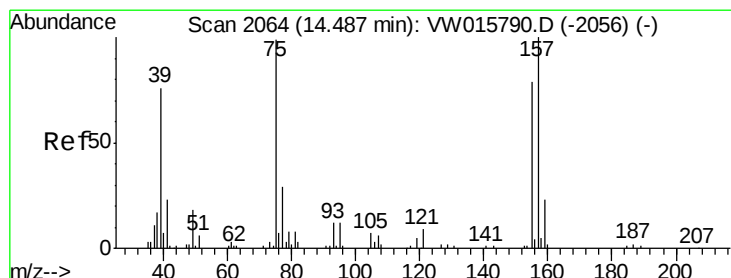
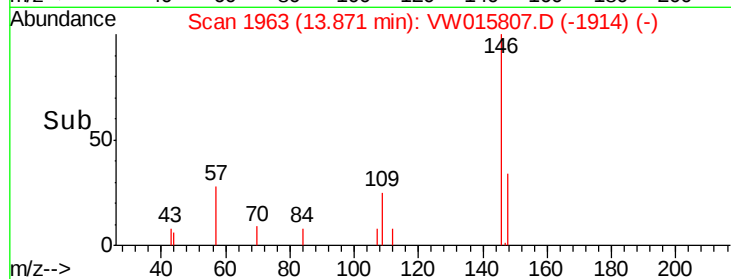
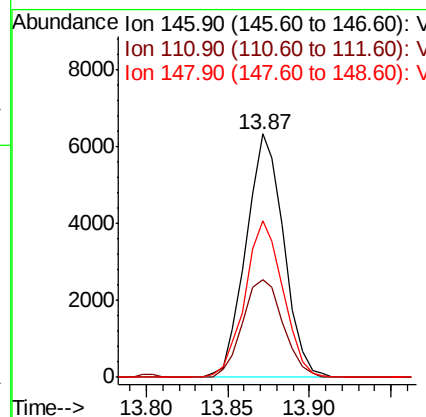
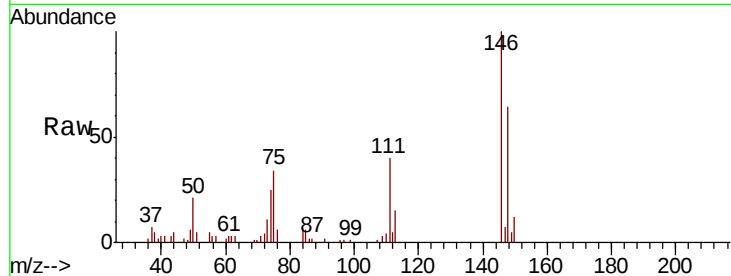




#91
 1,2-Dichlorobenzene
 Concen: 2.756 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

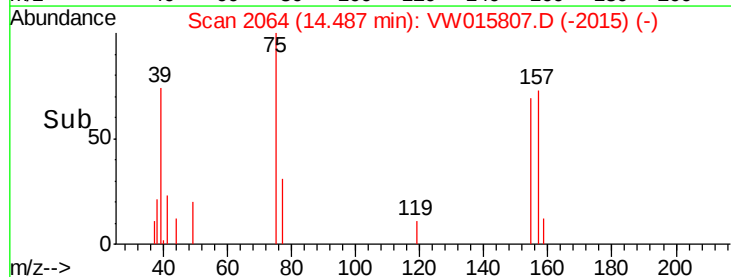
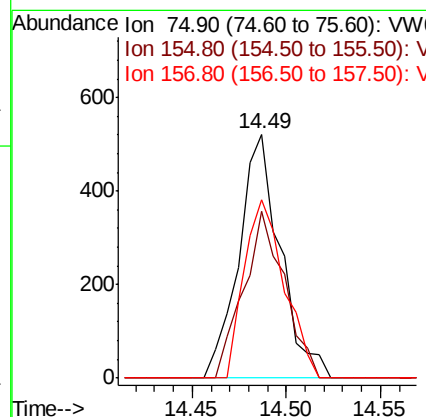
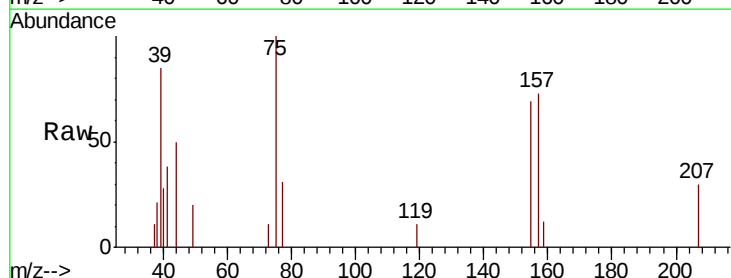
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

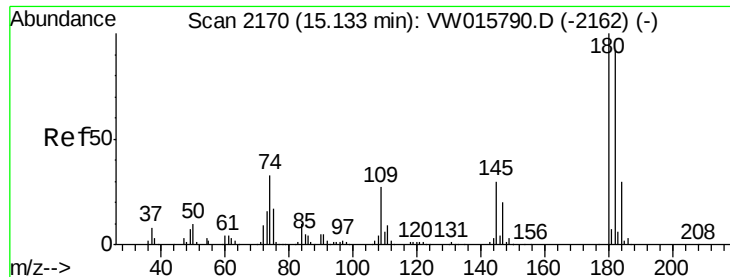
Tot Ion:146 Resp: 10189
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.9
 148 65.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.146 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 75 Resp: 793
 Ion Ratio Lower Upper
 75 100
 155 67.8 39.1 117.5
 157 71.0 49.1 147.4

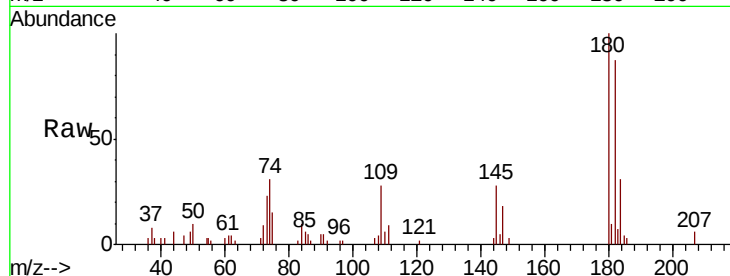




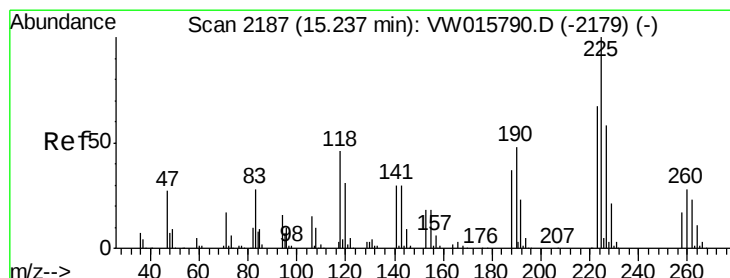
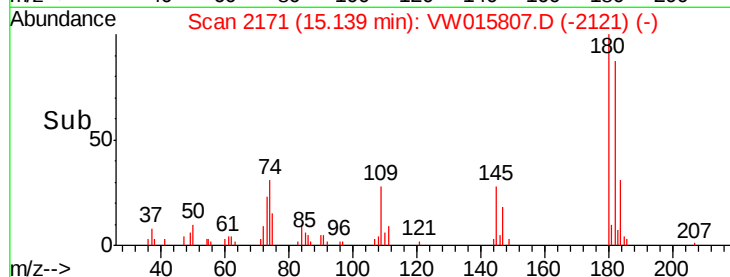
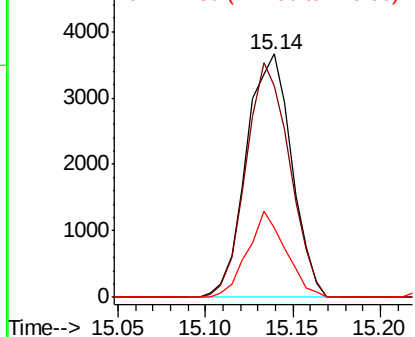
#93
1,2,4-Trichlorobenzene
Concen: 2.823 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion:180 Resp: 6580
Ion Ratio Lower Upper
180 100
182 93.1 46.8 140.3
145 29.7 15.4 46.4

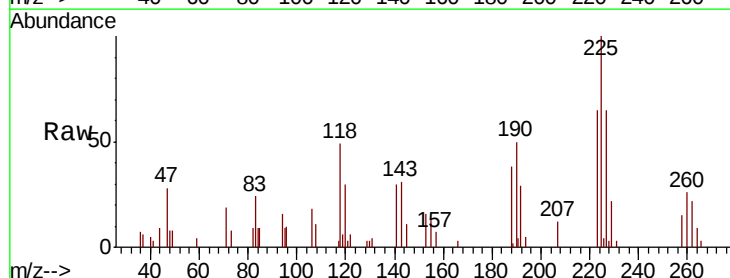


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

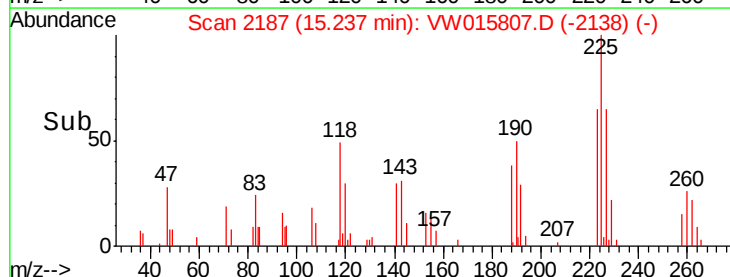
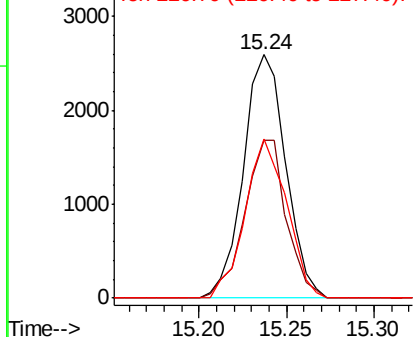


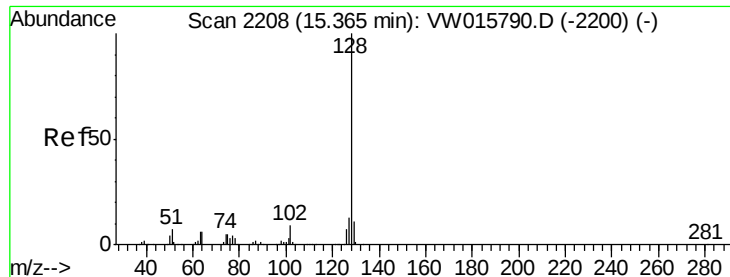
#94
Hexachlorobutadiene
Concen: 2.952 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:225 Resp: 4369
Ion Ratio Lower Upper
225 100
223 63.9 32.4 97.2
227 64.4 30.7 92.1



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

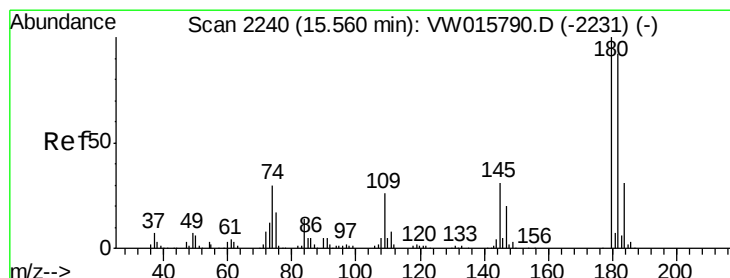
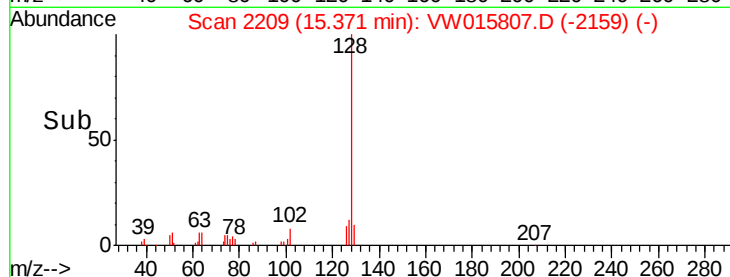
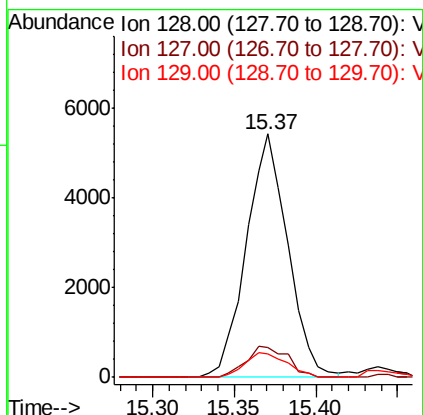
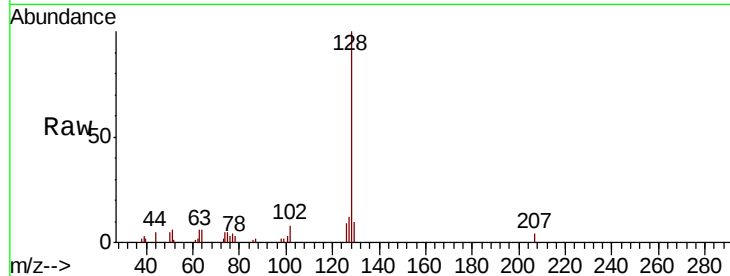




#95
Naphthalene
Concen: 2.463 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion:128 Resp: 9596
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.968 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:180 Resp: 5888
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 30.4 16.7 50.0

