

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015808.D
 Acq On : 08 Jul 2020 14:42
 Operator : SY/VA
 Sample : L3126-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Quant Time: Jul 09 05:54:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 05:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	330805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146722	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	104972	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
35) Dibromofluoromethane	7.89	113	91684	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	10.33	98	354831	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	128573	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	4986	4.571	ug/l	99
3) Chloromethane	2.21	50	7556	5.101	ug/l	100
4) Vinyl Chloride	2.36	62	10765	4.707	ug/l	99
5) Bromomethane	2.78	94	8109	4.634	ug/l	91
6) Chloroethane	2.93	64	7088	4.592	ug/l	90
7) Trichlorofluoromethane	3.26	101	7434	4.523	ug/l	92
8) Diethyl Ether	3.68	74	4564	4.456	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	8979	4.666	ug/l	99
10) Methyl Iodide	4.28	142	12188	4.530	ug/l	98
11) Tert butyl alcohol	5.17	59	3070	25.778	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	8606	4.549	ug/l #	89
13) Acrolein	3.89	56	3154	21.318	ug/l	97
14) Allyl chloride	4.67	41	13920	4.527	ug/l	98
15) Acrylonitrile	5.38	53	9858	24.618	ug/l	99
16) Acetone	4.12	43	11657	29.212	ug/l	92
17) Carbon Disulfide	4.38	76	24051	4.274	ug/l	98
18) Methyl Acetate	4.68	43	5557	6.119	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	12919	4.563	ug/l	93
20) Methylene Chloride	4.92	84	29469	12.716	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	9952	4.542	ug/l	97
22) Diisopropyl ether	6.32	45	26624	4.297	ug/l	92
23) Vinyl Acetate	6.26	43	75641	20.524	ug/l	98
24) 1,1-Dichloroethane	6.22	63	17617	4.491	ug/l	97
25) 2-Butanone	7.18	43	14542	26.847	ug/l	100
26) 2,2-Dichloropropane	7.17	77	12816	5.207	ug/l	94
27) cis-1,2-Dichloroethene	7.18	96	10404	4.422	ug/l	89
28) Bromochloromethane	7.51	49	7208	4.635	ug/l	98
29) Tetrahydrofuran	7.54	42	8039	24.457	ug/l	99
30) Chloroform	7.68	83	17954	4.477	ug/l	98
31) Cyclohexane	7.96	56	20635	5.589	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	15382	4.574	ug/l	98
36) 1,1-Dichloropropene	8.09	75	15187	4.657	ug/l	99
37) Ethyl Acetate	7.26	43	6083	4.801	ug/l	98
38) Carbon Tetrachloride	8.07	117	13780	4.367	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16707	4.342	ug/l	97
40) Benzene	8.33	78	40181	4.498	ug/l	98
41) Methacrylonitrile	7.49	41	3096	4.304	ug/l	94
42) 1,2-Dichloroethane	8.40	62	13244	4.764	ug/l	99
43) Isopropyl Acetate	8.43	43	10928	4.418	ug/l	99
44) Trichloroethene	9.10	130	10715	4.535	ug/l	91
45) 1,2-Dichloropropane	9.37	63	9651	4.396	ug/l	98
46) Dibromomethane	9.46	93	5048	4.466	ug/l	99
47) Bromodichloromethane	9.65	83	12438	4.254	ug/l #	97
48) Methyl methacrylate	9.44	41	4856	4.284	ug/l	97
49) 1,4-Dioxane	9.45	88	1500	107.332	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	27371	22.679	ug/l	98
52) Toluene	10.39	92	25709	4.472	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	11020	3.928	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	13807	4.114	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	7286	4.648	ug/l	100
56) Ethyl methacrylate	10.65	69	7979	4.141	ug/l	97
57) 1,3-Dichloropropane	10.93	76	12604	4.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	18629	19.785	ug/l	97
59) 2-Hexanone	10.97	43	18139	22.521	ug/l	98
60) Dibromochloromethane	11.13	129	7351	4.061	ug/l	99
61) 1,2-Dibromoethane	11.24	107	6616	4.411	ug/l	98
64) Tetrachloroethene	10.87	164	8926	4.630	ug/l	94
65) Chlorobenzene	11.66	112	27430	4.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	8792	4.170	ug/l	95
67) Ethyl Benzene	11.73	91	47687	4.323	ug/l	96
68) m/p-Xylenes	11.84	106	35747	8.626	ug/l	99
69) o-Xylene	12.17	106	15737	4.160	ug/l	98
70) Styrene	12.18	104	26596	4.086	ug/l	100
71) Bromoform	12.35	173	3817	3.967	ug/l #	99
73) Isopropylbenzene	12.47	105	44055	4.262	ug/l	100
74) N-amyl acetate	12.27	43	9161	4.143	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	7987	4.650	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10112	7.842	ug/l	31
77) Bromobenzene	12.75	156	10768	4.646	ug/l	96
78) n-propylbenzene	12.80	91	55263	4.405	ug/l	100
79) 2-Chlorotoluene	12.90	91	31941	4.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	37677	4.277	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	70884	140.500	ug/l #	7
82) 4-Chlorotoluene	12.99	91	33694	4.510	ug/l	99
83) tert-Butylbenzene	13.21	119	32002	4.376	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	37997	4.319	ug/l	97
85) sec-Butylbenzene	13.38	105	46517	4.404	ug/l	100
86) p-Isopropyltoluene	13.50	119	41400	4.292	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	21032	4.527	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	21847	4.803	ug/l	94
89) n-Butylbenzene	13.83	91	38632	4.185	ug/l	97
90) Hexachloroethane	14.10	117	7307	4.180	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	18198	4.521	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1202	4.380	ug/l	99

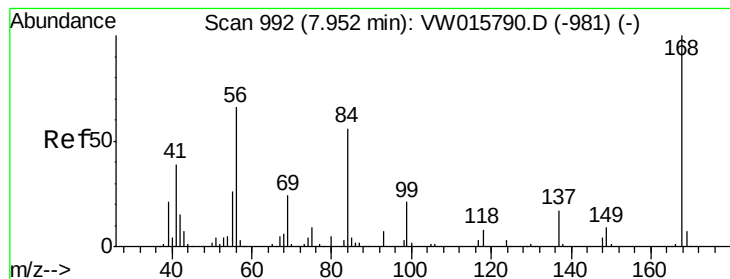
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	10988	4.330	ug/l	97
94) Hexachlorobutadiene	15.24	225	7236	4.491	ug/l	97
95) Naphthalene	15.37	128	16751	3.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	9714	4.499	ug/l	97

(#) = 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: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

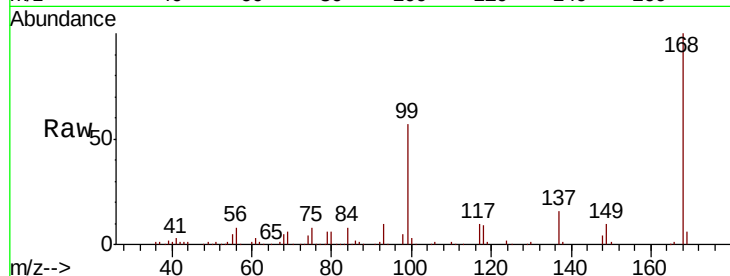
TP-8-S1

Tot Ion:168 Resp: 207108

Ion Ratio Lower Upper

168 100

99 57.0 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

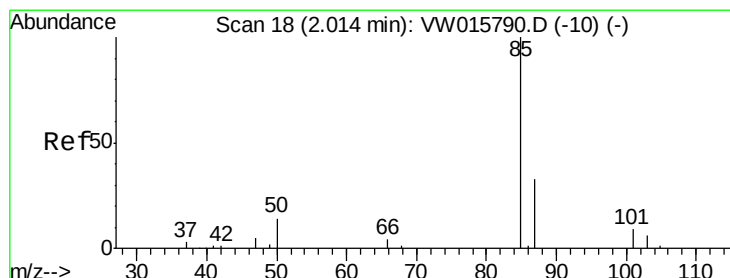
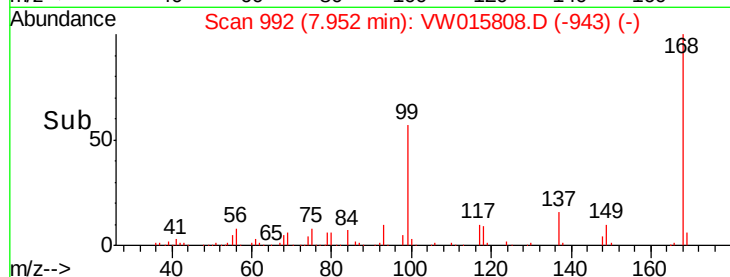
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.571 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015808.D

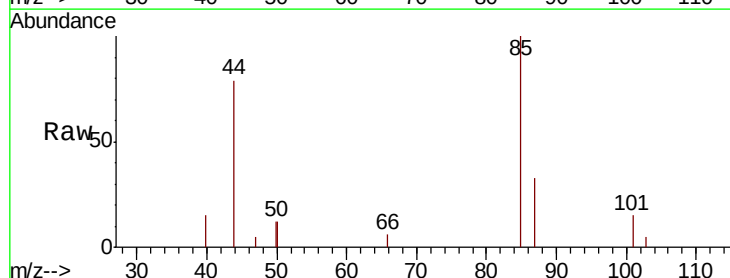
Acq: 08 Jul 2020 14:42

Tgt Ion: 85 Resp: 4986

Ion Ratio Lower Upper

85 100

87 33.3 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

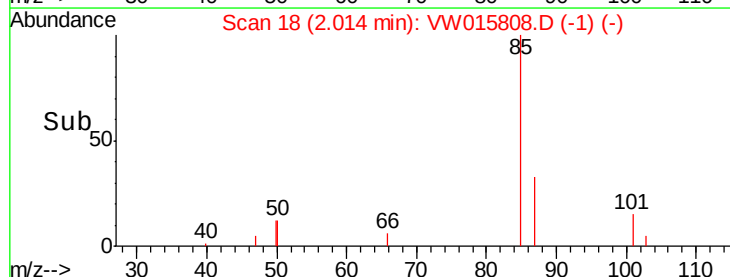
1500

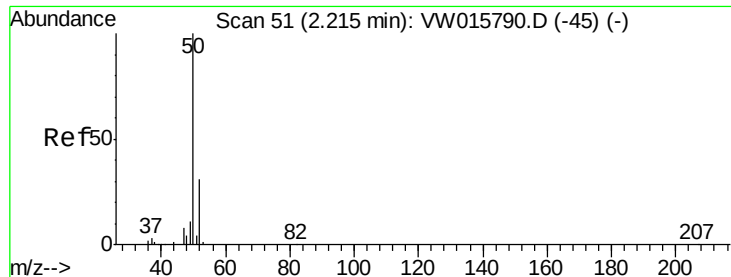
1000

500

0

Time-->





#3

Chloromethane

Concen: 5.101 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

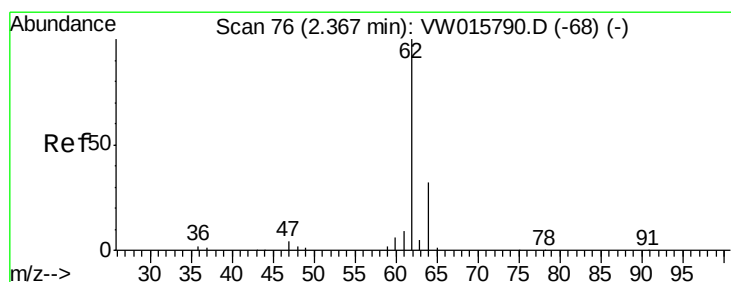
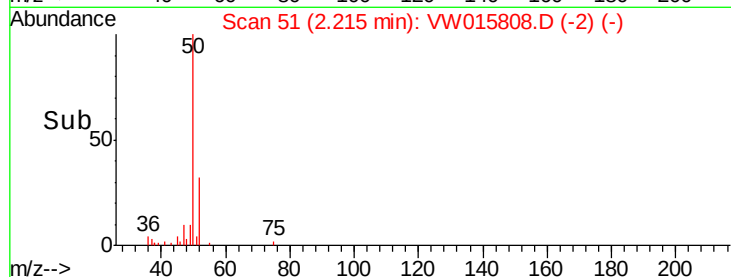
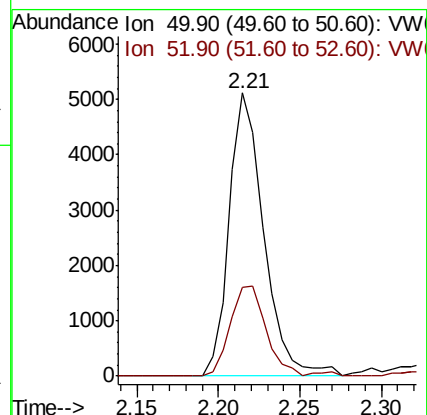
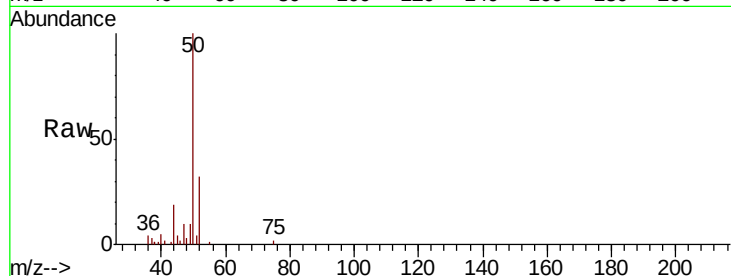
TP-8-S1

Tot Ion: 50 Resp: 7556

Ion Ratio Lower Upper

50 100

52 31.6 25.2 37.8



#4

Vinyl Chloride

Concen: 4.707 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015808.D

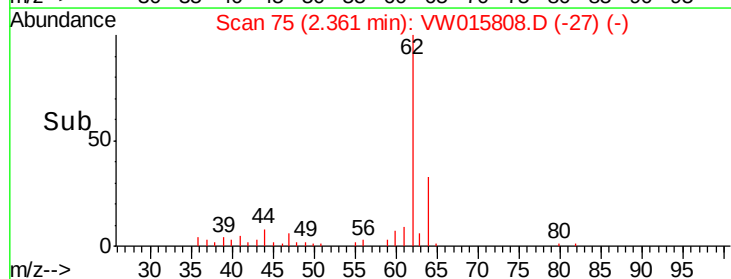
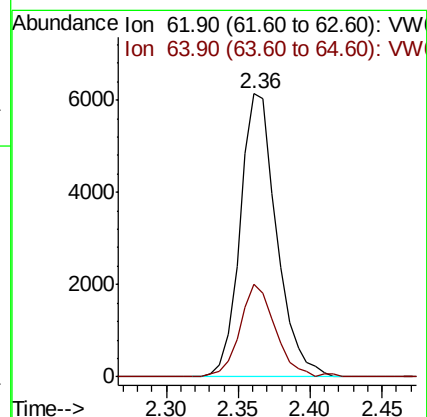
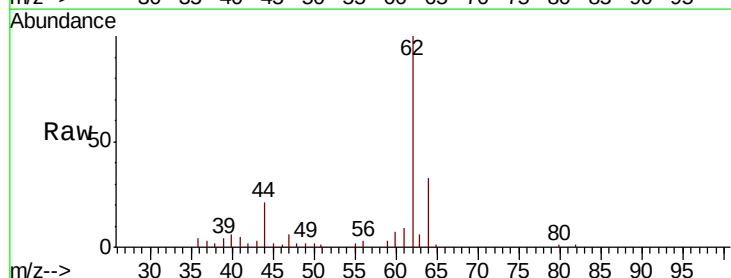
Acq: 08 Jul 2020 14:42

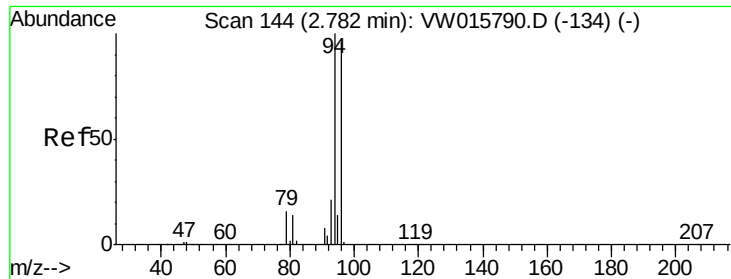
Tgt Ion: 62 Resp: 10765

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 4.634 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

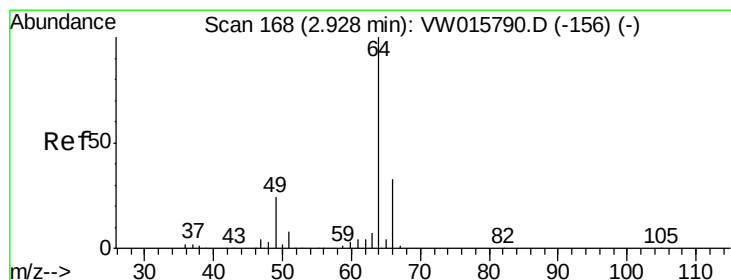
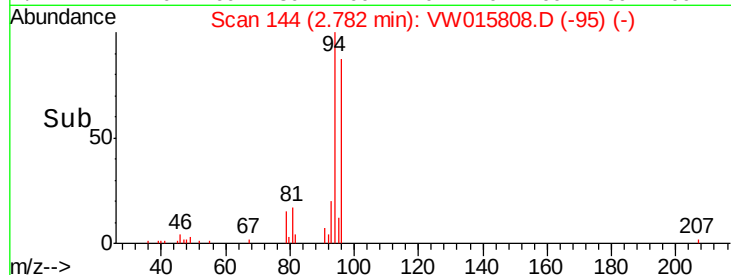
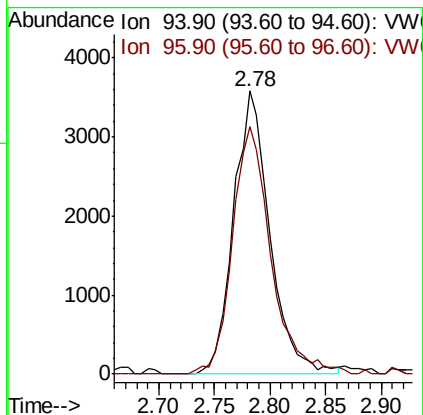
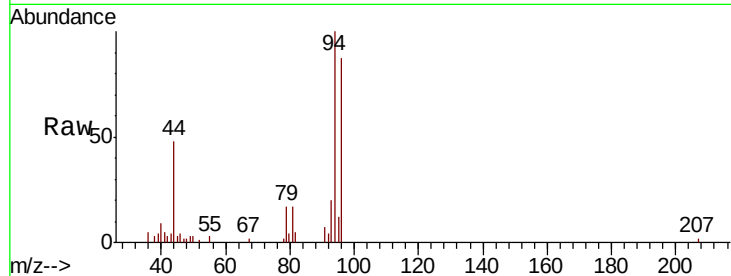
TP-8-S1

Tot Ion: 94 Resp: 8109

Ion Ratio Lower Upper

94 100

96 87.3 76.7 115.1



#6

Chloroethane

Concen: 4.592 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015808.D

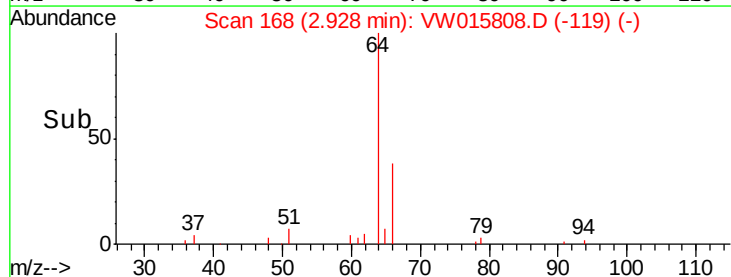
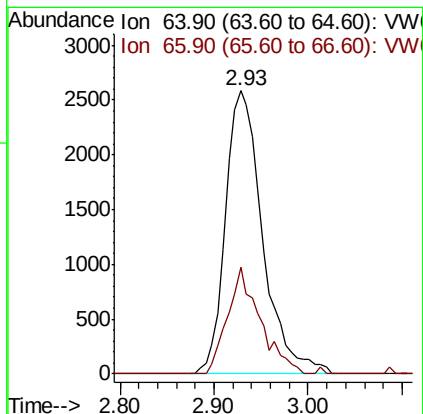
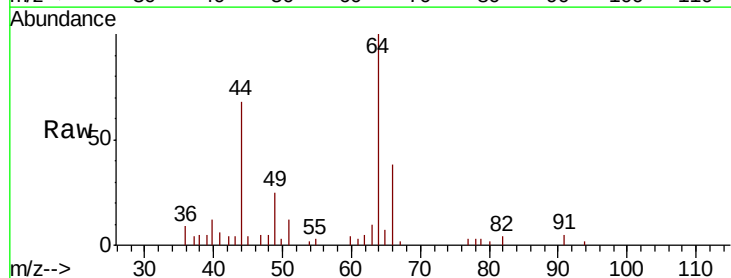
Acq: 08 Jul 2020 14:42

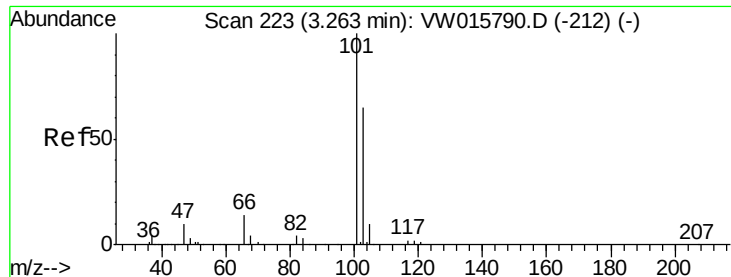
Tgt Ion: 64 Resp: 7088

Ion Ratio Lower Upper

64 100

66 37.8 26.0 39.0



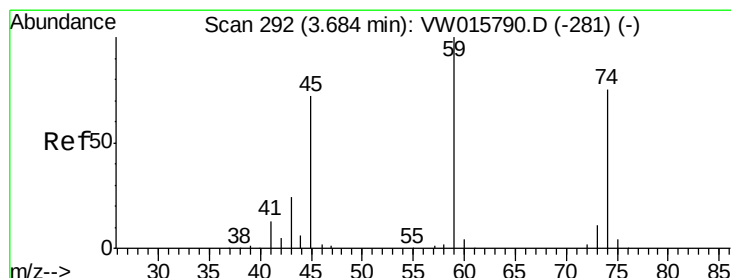
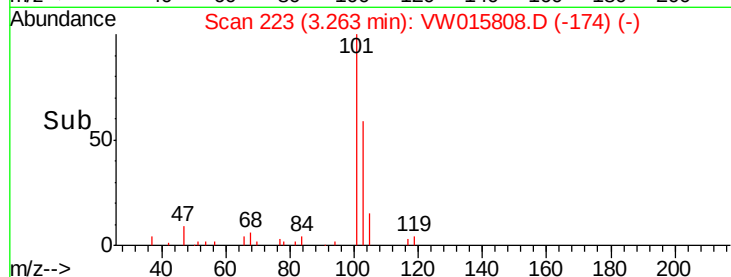
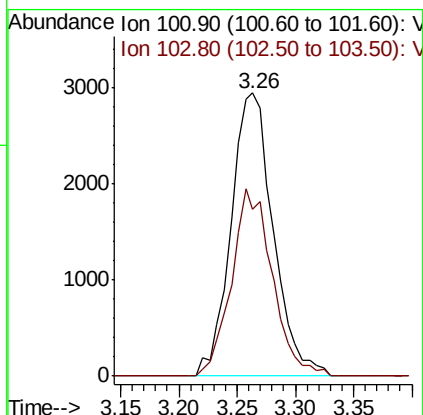
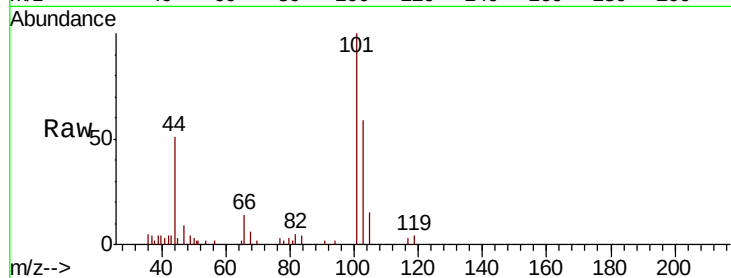


#7

Trichlorofluoromethane
 Concen: 4.523 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015808.D
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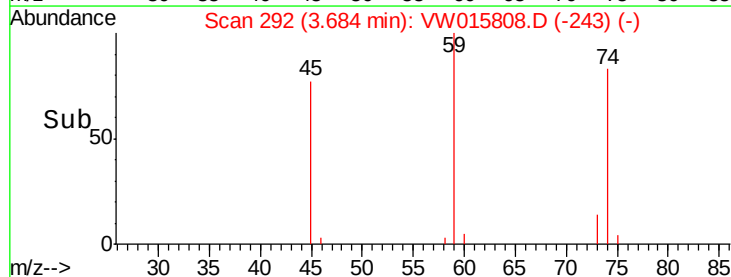
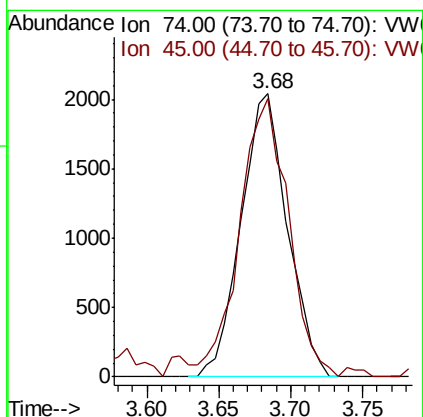
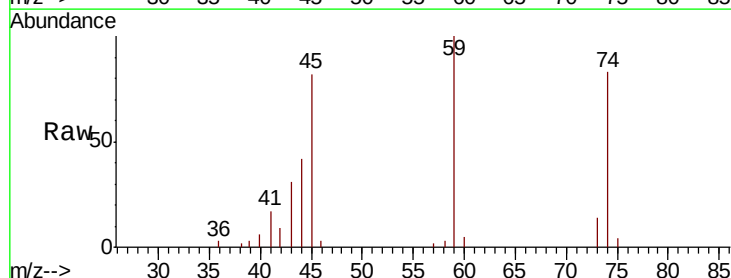
Tot Ion:101 Resp: 7434
 Ion Ratio Lower Upper
 101 100
 103 58.9 52.2 78.4

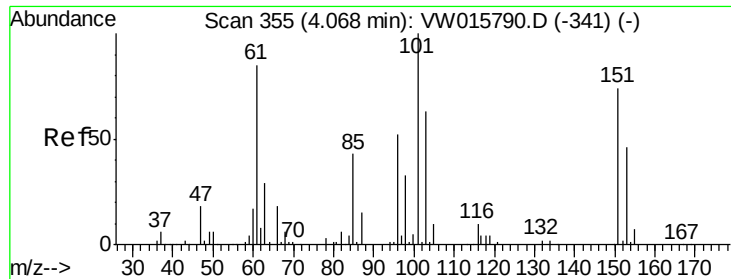


#8

Diethyl Ether
 Concen: 4.456 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 74 Resp: 4564
 Ion Ratio Lower Upper
 74 100
 45 103.4 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.666 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

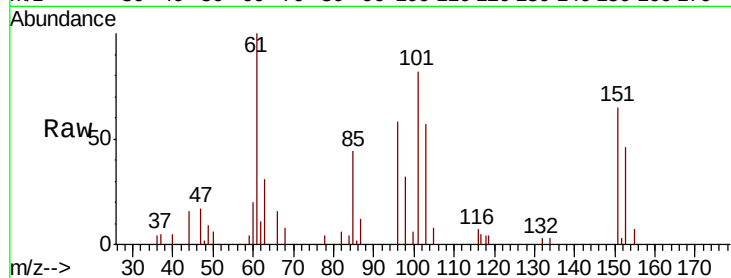
Tot Ion:101 Resp: 8979

Ion Ratio Lower Upper

101 100

85 45.4 36.1 54.1

151 74.1 60.3 90.5

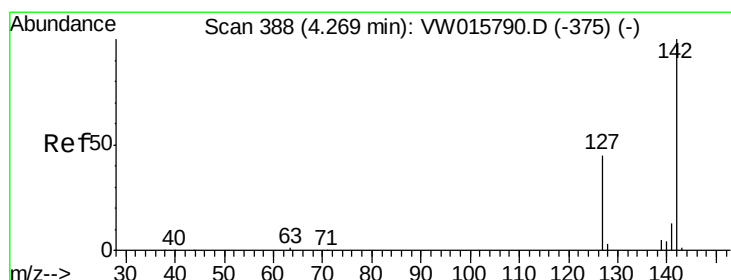
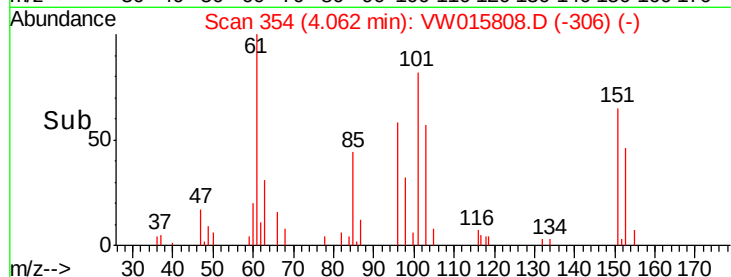
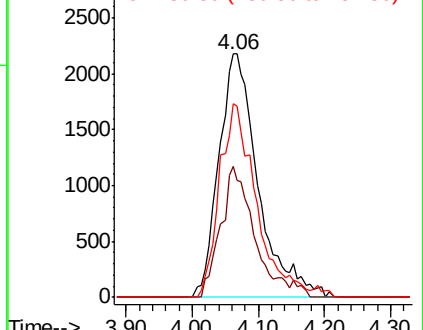


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.530 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015808.D

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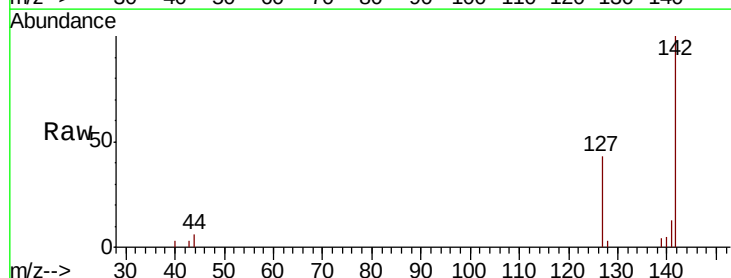
Tgt Ion:142 Resp: 12188

Ion Ratio Lower Upper

142 100

127 43.7 36.1 54.1

141 14.7 11.7 17.5

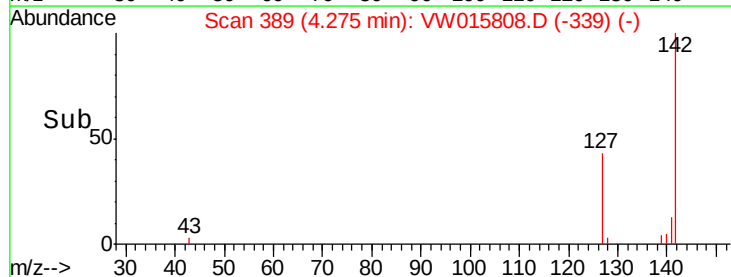
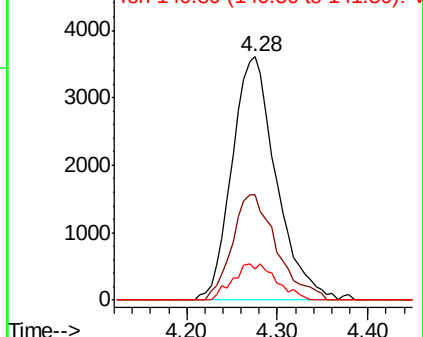


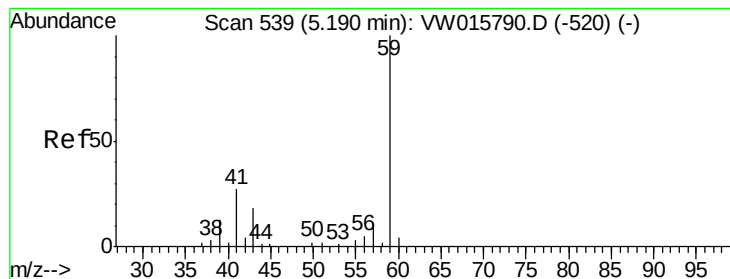
Abundance

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



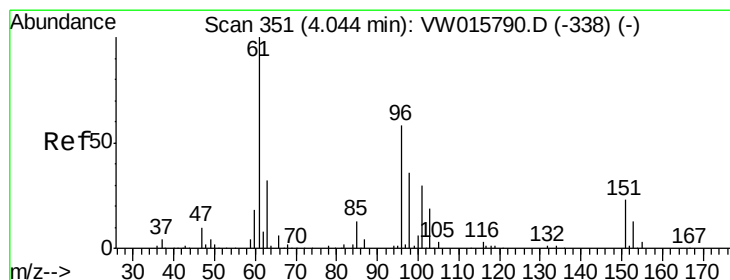
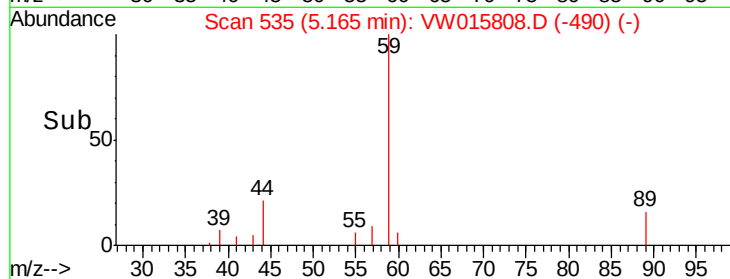
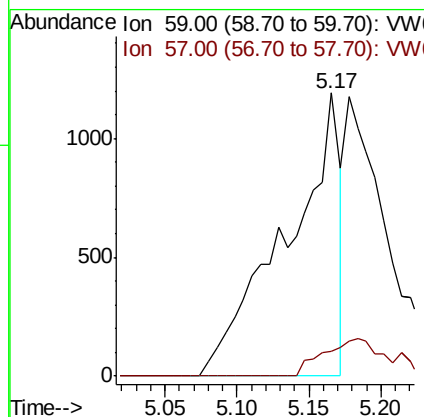
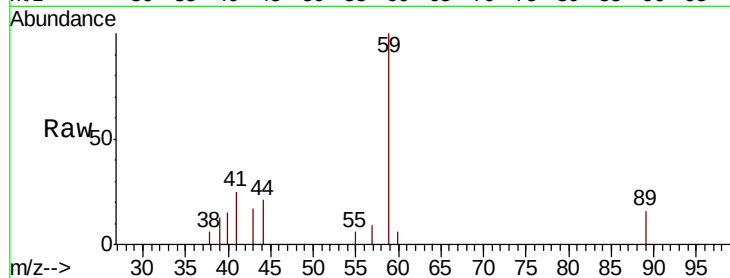


#11

Tert butyl alcohol
 Concen: 25.778 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

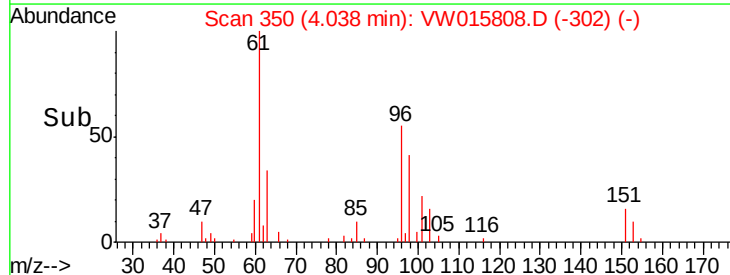
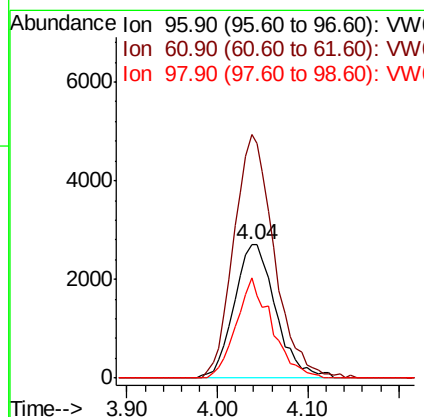
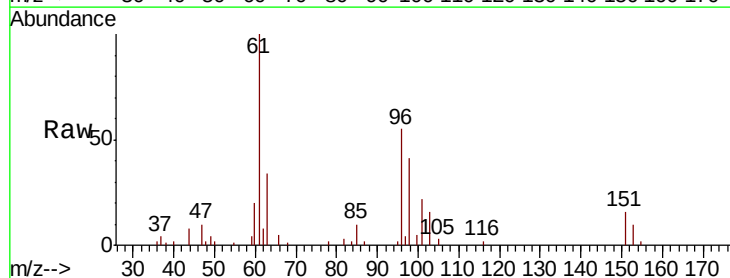
Tot Ion: 59 Resp: 3070
 Ion Ratio Lower Upper
 59 100
 57 15.5 8.7 13.1#

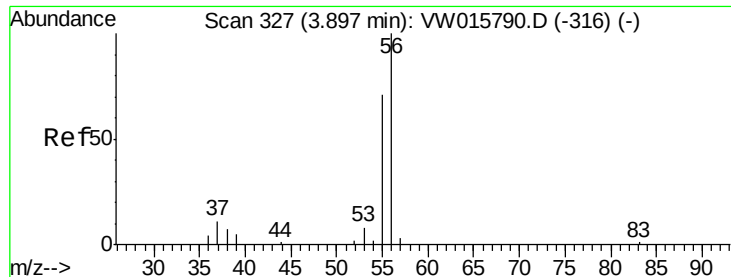


#12

1,1-Dichloroethene
 Concen: 4.549 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 96 Resp: 8606
 Ion Ratio Lower Upper
 96 100
 61 182.7 137.0 205.4
 98 75.1 49.3 73.9#

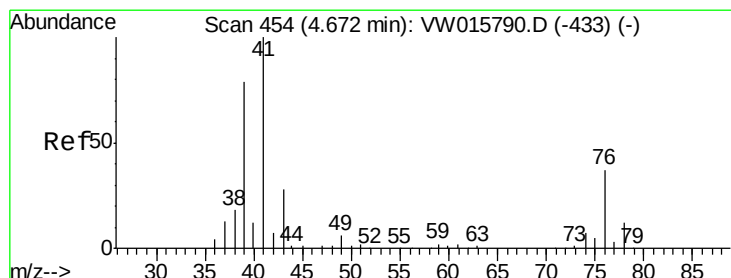
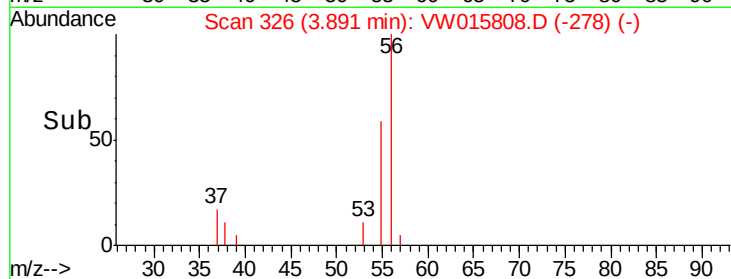
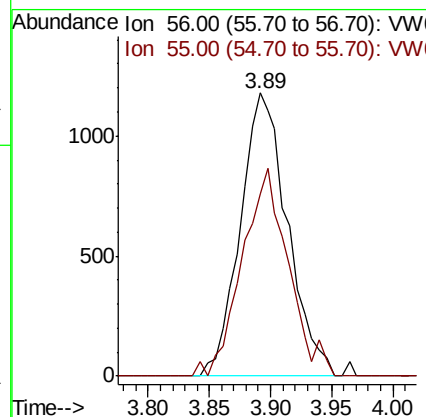
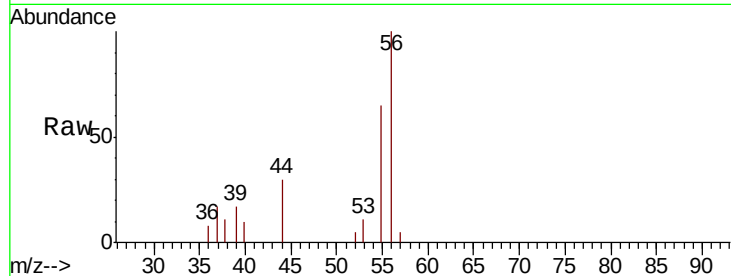




#13
 Acrolein
 Concen: 21.318 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

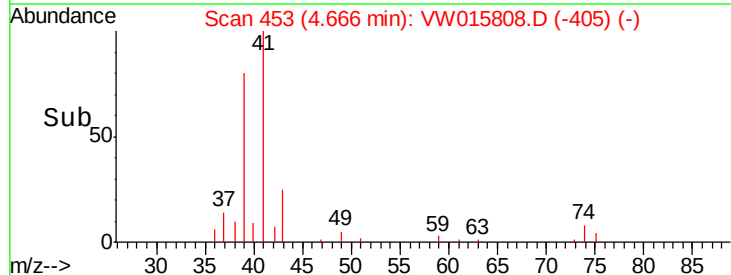
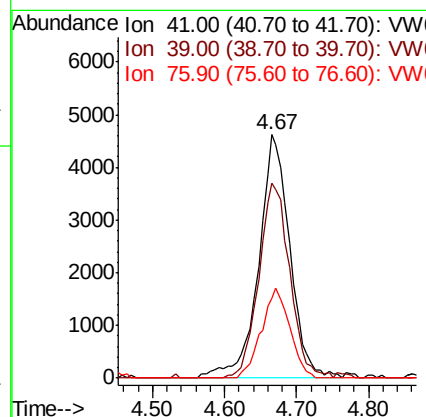
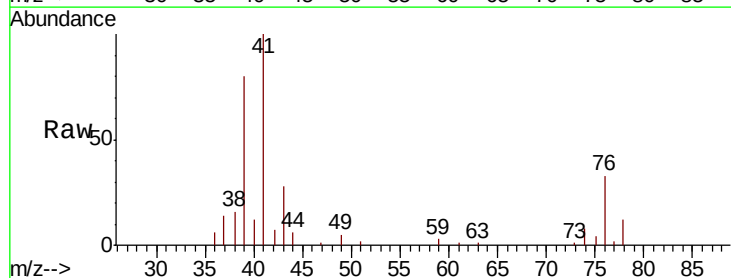
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

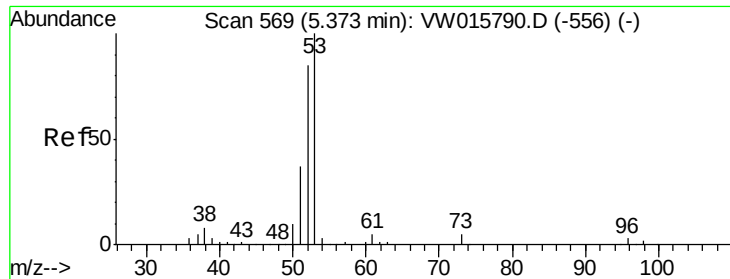
Tot Ion: 56 Resp: 3154
 Ion Ratio Lower Upper
 56 100
 55 72.1 55.8 83.6



#14
 Allyl chloride
 Concen: 4.527 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 41 Resp: 13920
 Ion Ratio Lower Upper
 41 100
 39 79.0 64.0 96.0
 76 33.4 28.9 43.3





#15

Acrylonitrile

Concen: 24.618 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

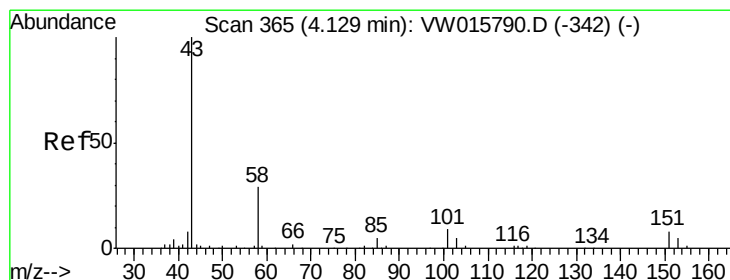
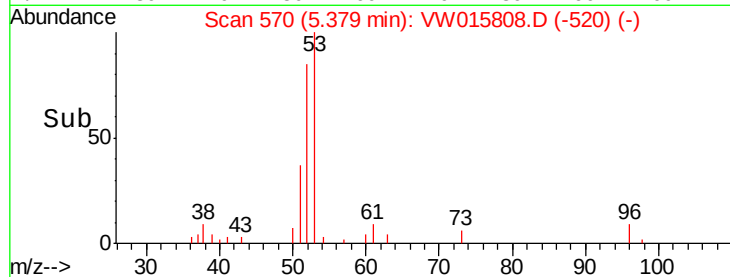
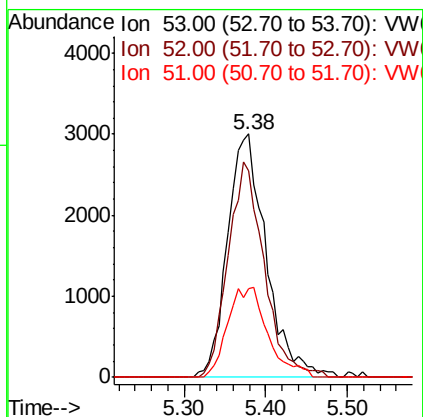
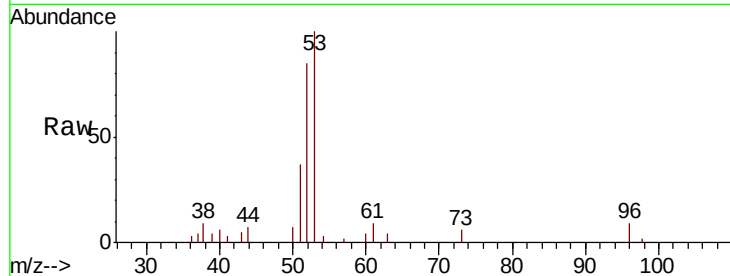
Tot Ion: 53 Resp: 9858

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.8

51 38.4 30.2 45.2



#16

Acetone

Concen: 29.212 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015808.D

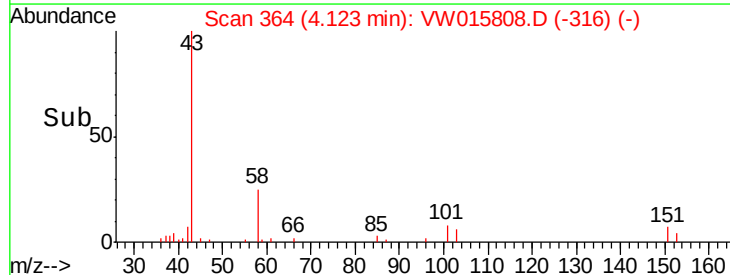
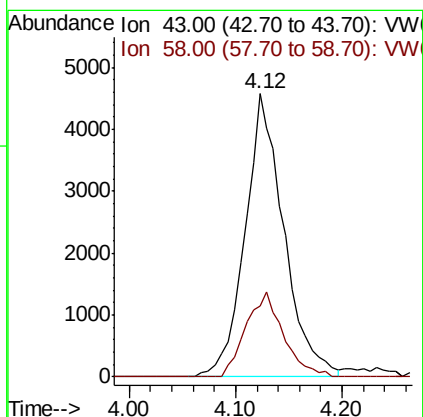
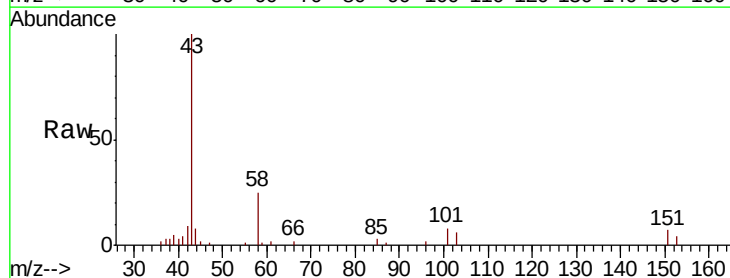
Acq: 08 Jul 2020 14:42

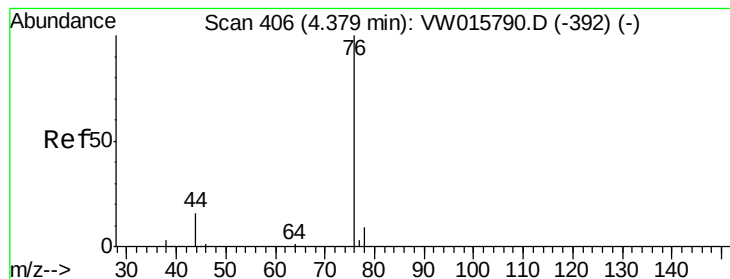
Tgt Ion: 43 Resp: 11657

Ion Ratio Lower Upper

43 100

58 25.2 23.5 35.3





#17

Carbon Disulfide

Concen: 4.274 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

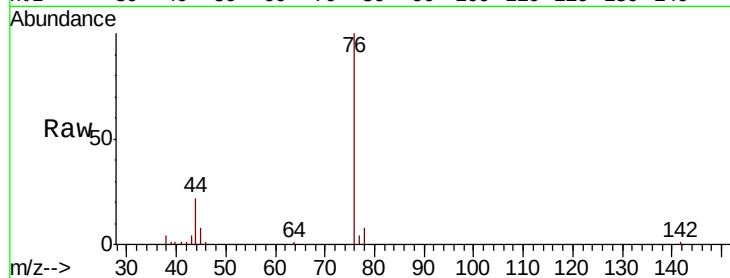
TP-8-S1

Tot Ion: 76 Resp: 24051

Ion Ratio Lower Upper

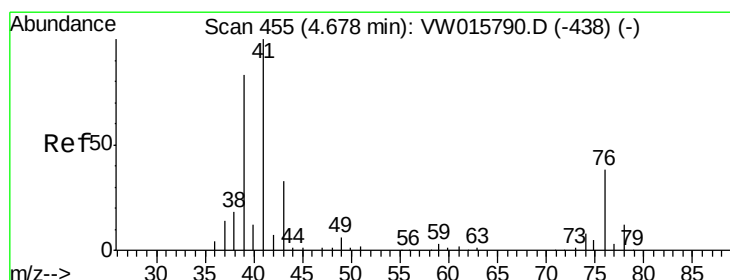
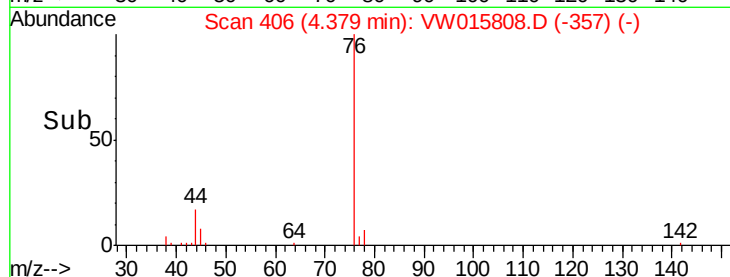
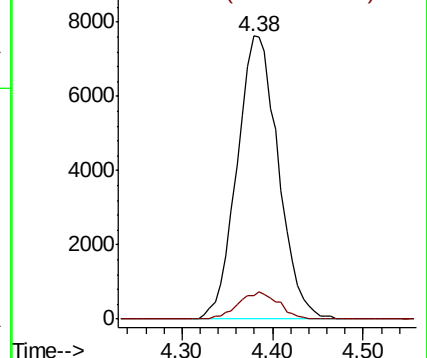
76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 6.119 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015808.D

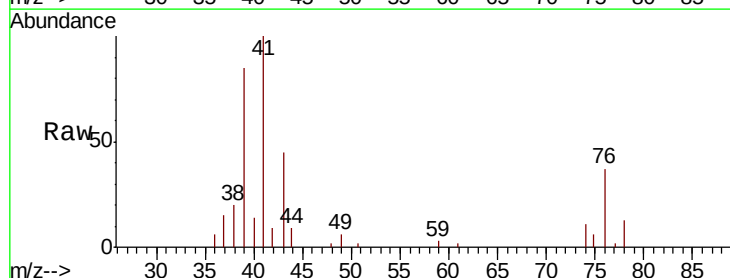
Acq: 08 Jul 2020 14:42

Tgt Ion: 43 Resp: 5557

Ion Ratio Lower Upper

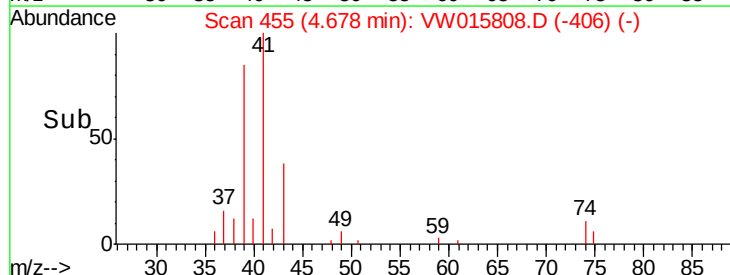
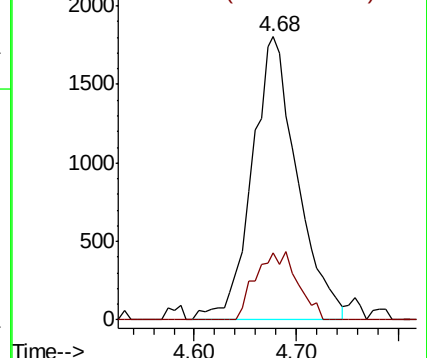
43 100

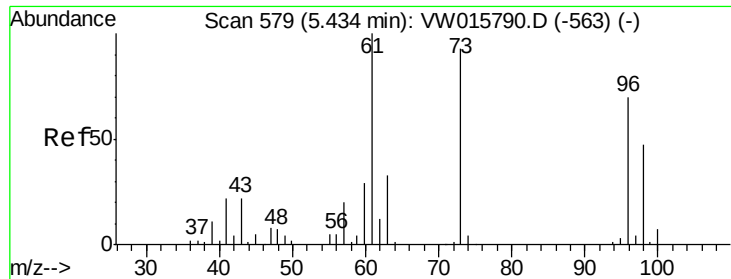
74 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

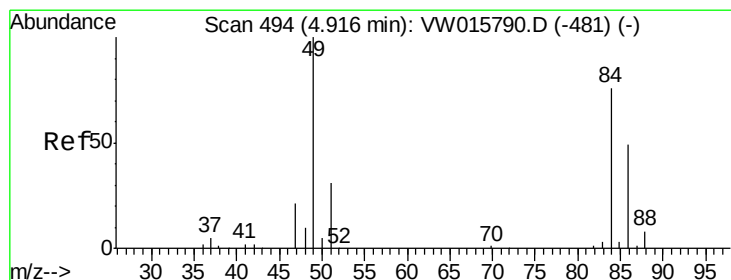
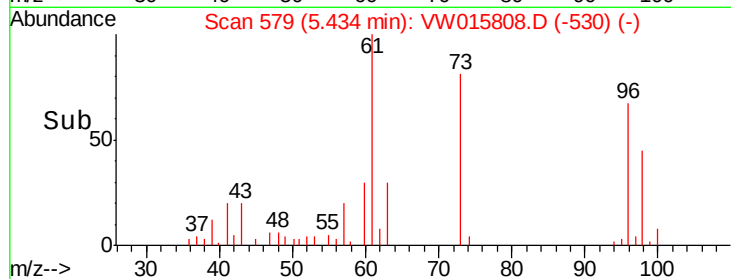
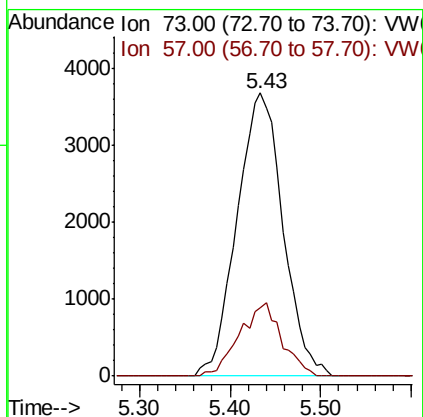
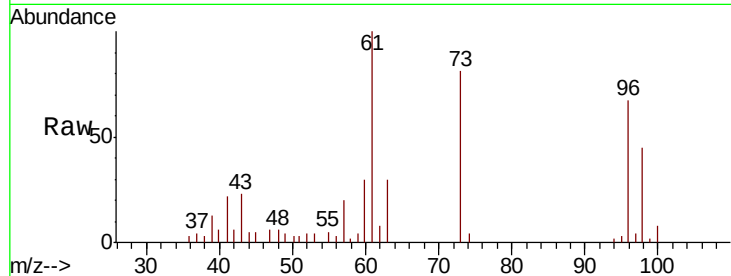




#19
Methyl tert-butyl Ether
Concen: 4.563 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

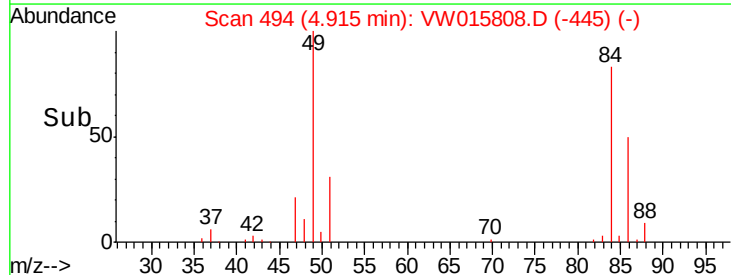
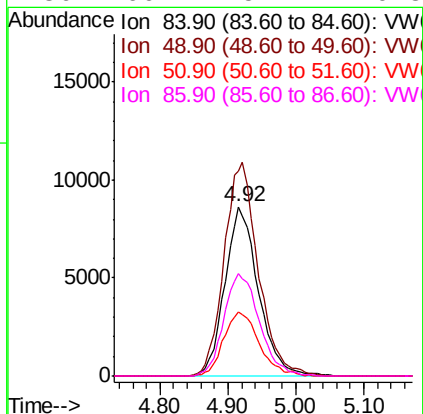
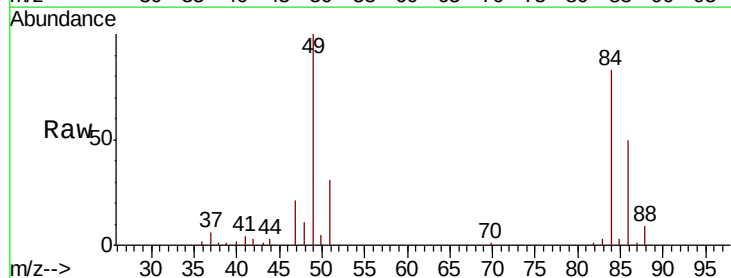
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

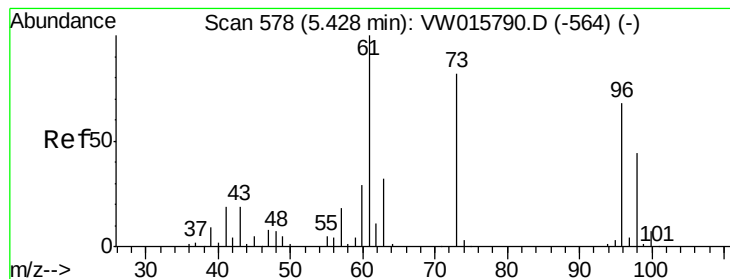
Tot Ion: 73 Resp: 12919
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2



#20
Methylene Chloride
Concen: 12.716 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 84 Resp: 29469
Ion Ratio Lower Upper
84 100
49 121.2 105.0 157.6
51 37.9 32.3 48.5
86 60.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 4.542 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

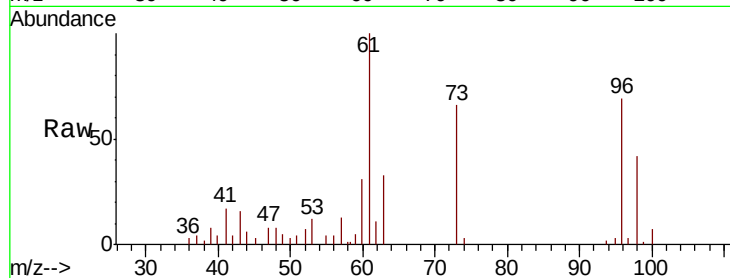
Tot Ion: 96 Resp: 9952

Ion Ratio Lower Upper

96 100

61 145.6 118.1 177.1

98 61.2 52.6 78.8

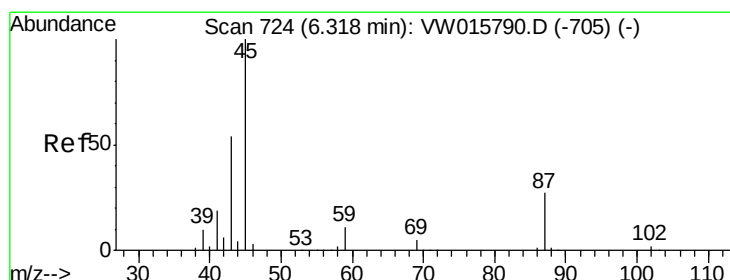
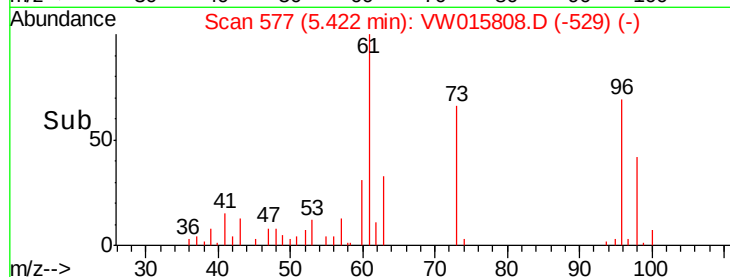
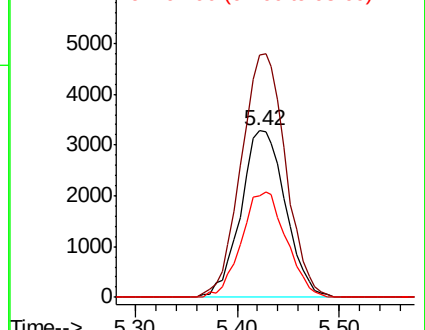


Abundance

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: 4.297 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Tgt Ion: 45 Resp: 26624

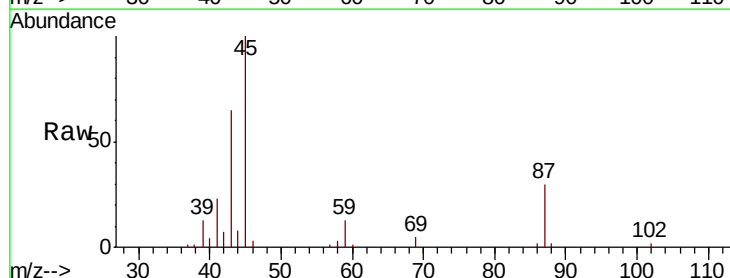
Ion Ratio Lower Upper

45 100

43 63.1 43.8 65.6

87 29.7 22.1 33.1

59 12.6 8.9 13.3



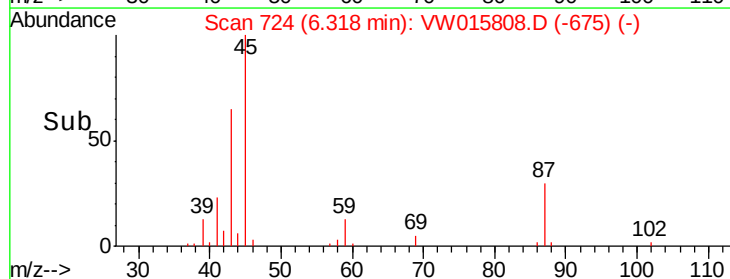
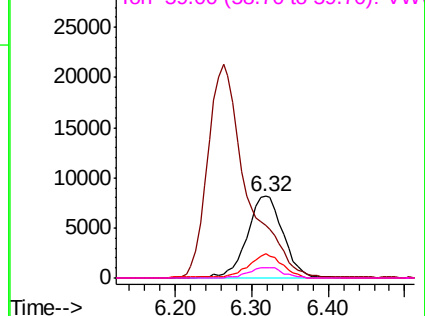
Abundance

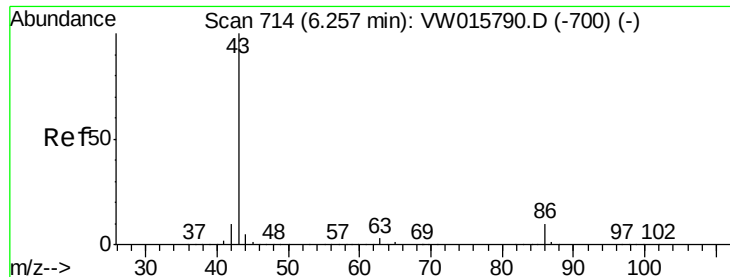
Ion 45.00 (44.70 to 45.70): VW

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: 20.524 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

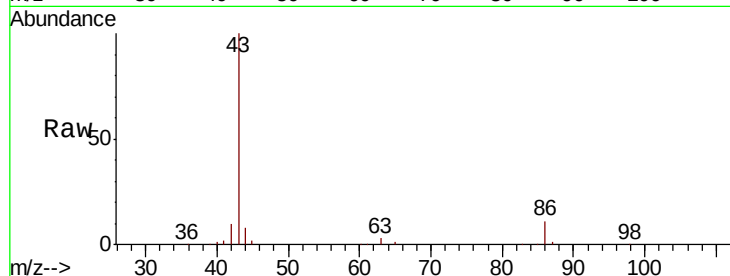
TP-8-S1

Tot Ion: 43 Resp: 75641

Ion Ratio Lower Upper

43 100

86 11.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

25000

20000

15000

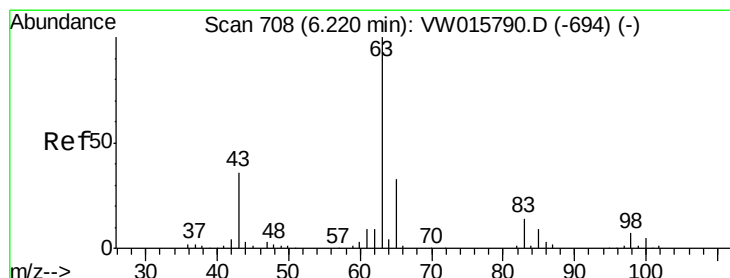
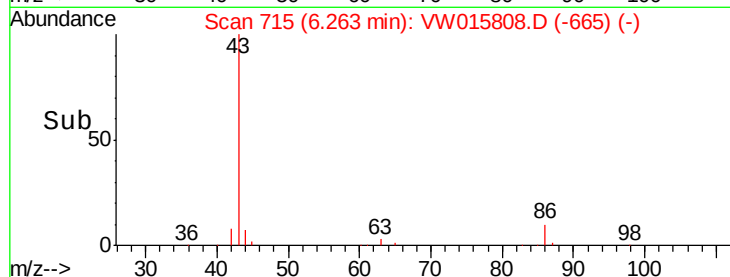
10000

5000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 4.491 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

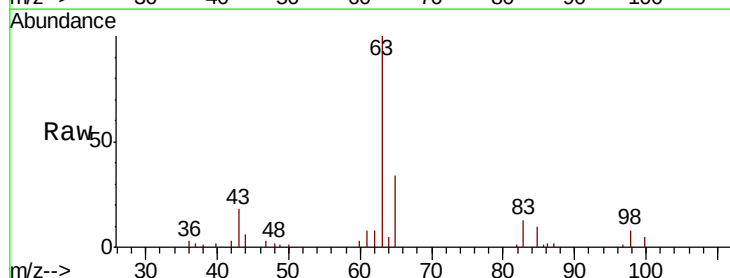
Tgt Ion: 63 Resp: 17617

Ion Ratio Lower Upper

63 100

98 8.2 3.4 10.2

100 5.3 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

8000

6000

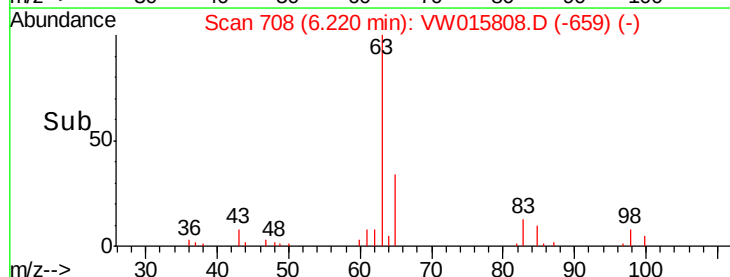
4000

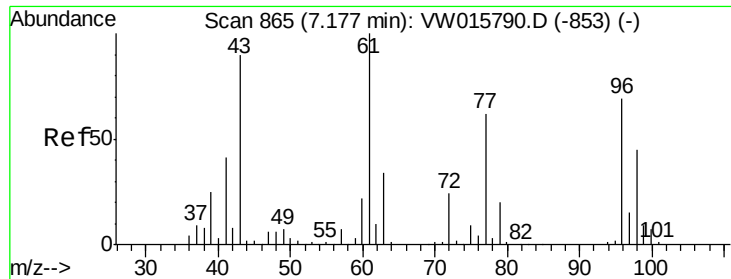
2000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 26.847 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

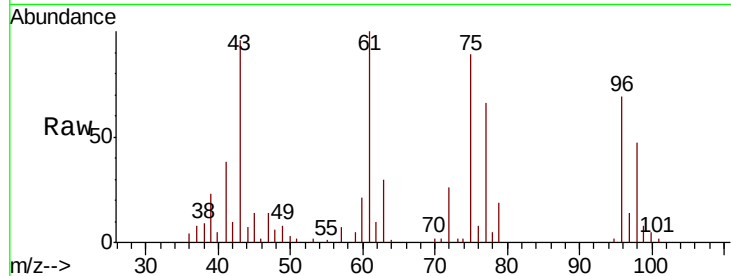
TP-8-S1

Tot Ion: 43 Resp: 14542

Ion Ratio Lower Upper

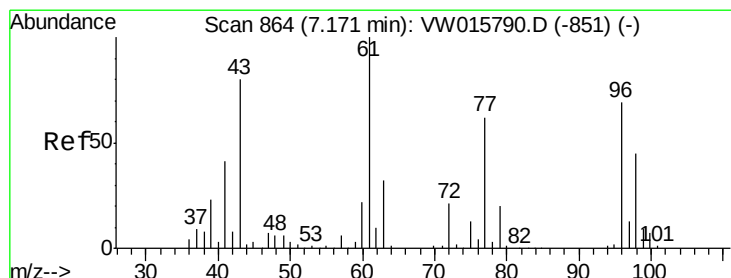
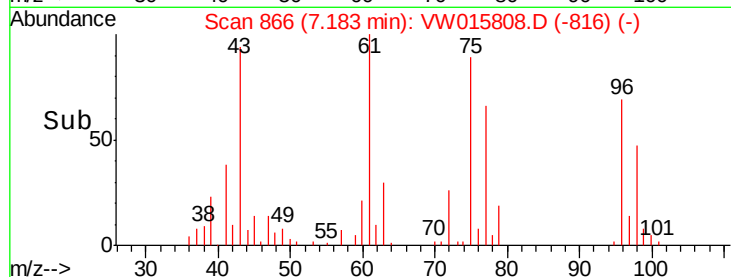
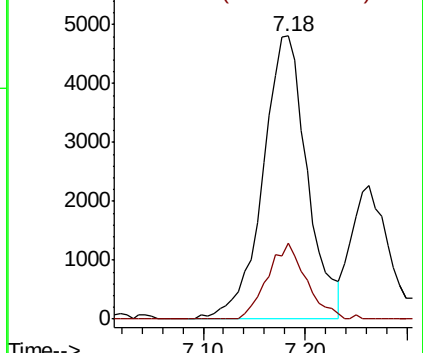
43 100

72 26.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.207 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015808.D

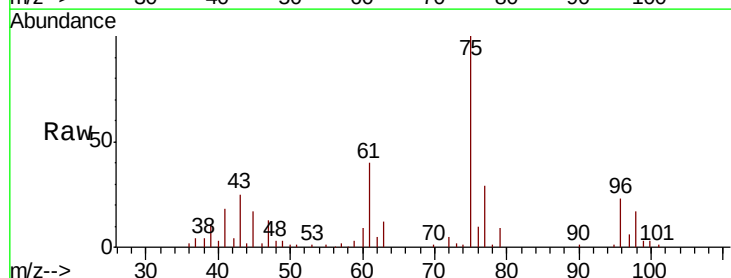
Acq: 08 Jul 2020 14:42

Tgt Ion: 77 Resp: 12816

Ion Ratio Lower Upper

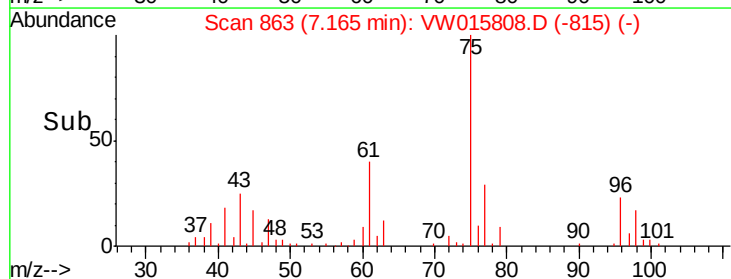
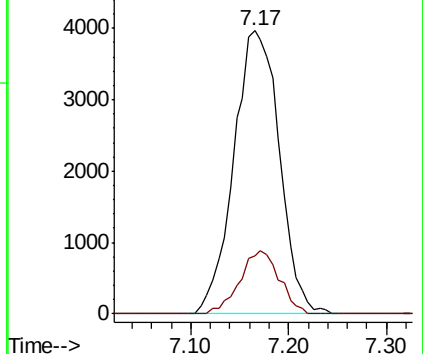
77 100

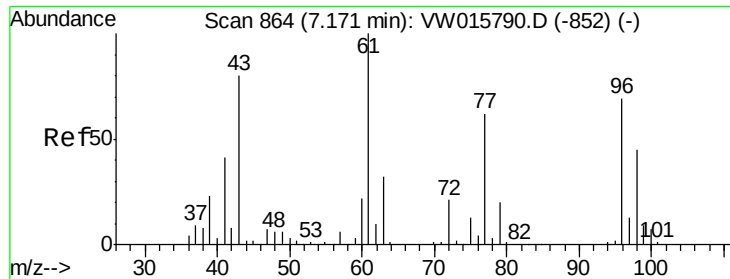
97 19.3 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



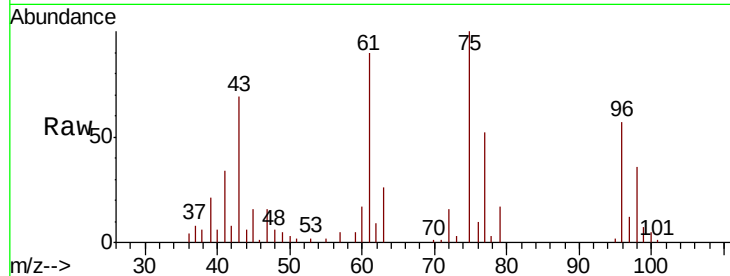


#27

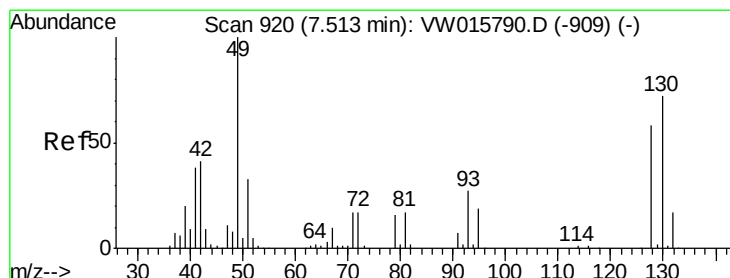
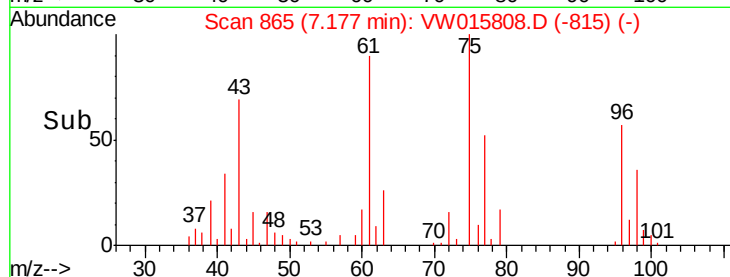
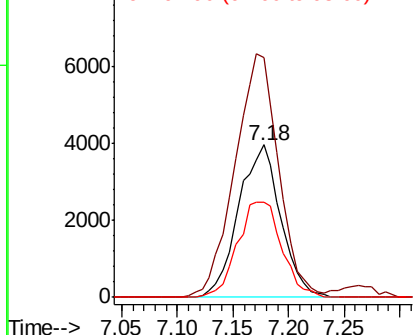
cis-1,2-Dichloroethene
Concen: 4.422 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 96 Resp: 10404
Ion Ratio Lower Upper
96 100
61 165.6 0.0 292.2
98 65.6 0.0 129.0



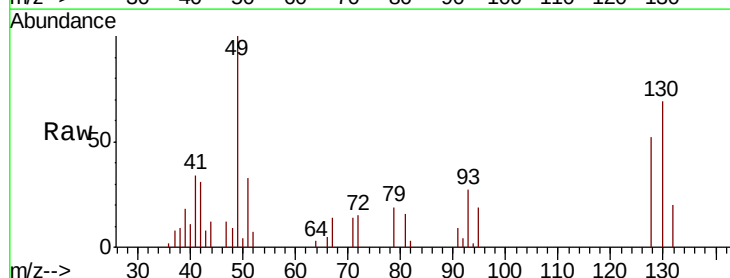
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



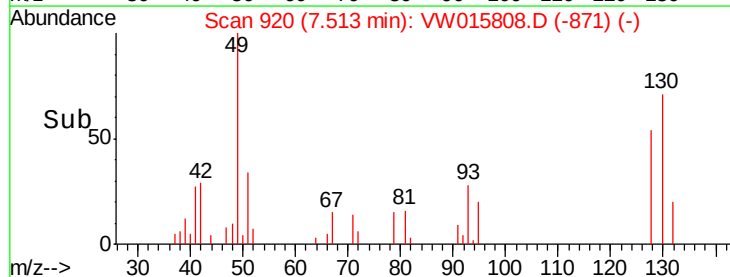
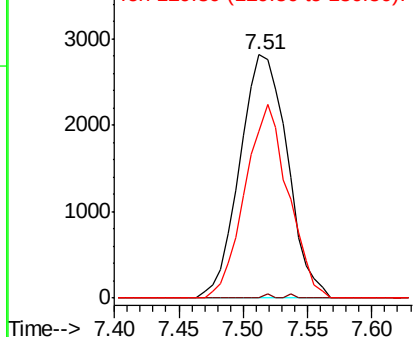
#28

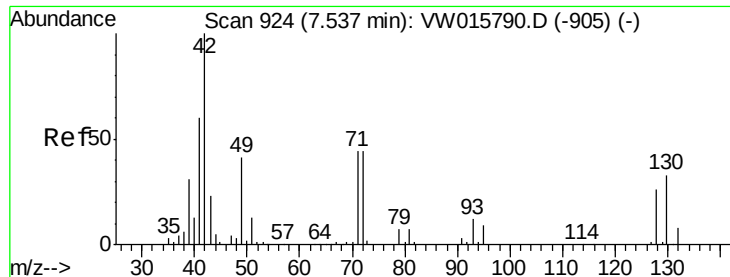
Bromochloromethane
Concen: 4.635 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 49 Resp: 7208
Ion Ratio Lower Upper
49 100
129 0.3 0.0 2.6
130 72.4 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

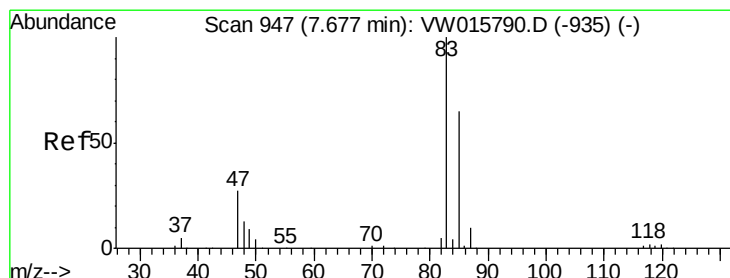
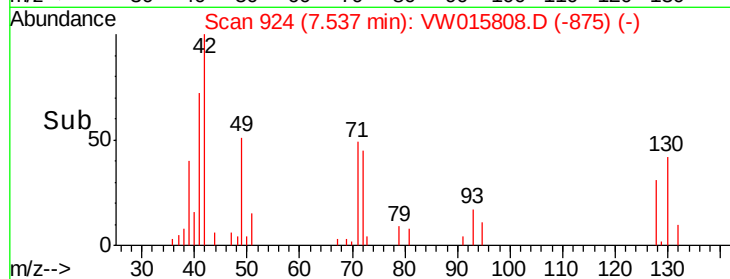
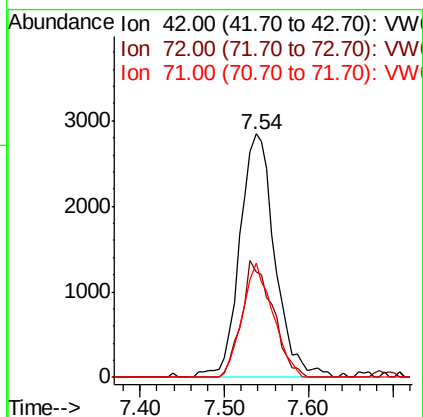
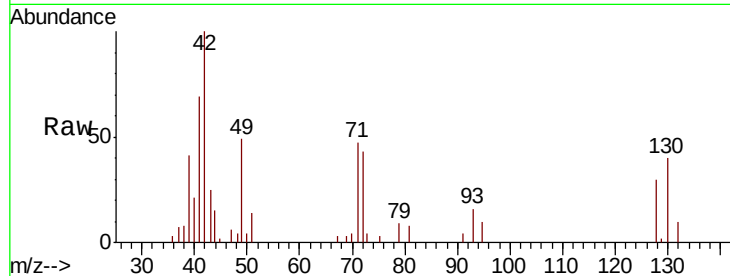




#29
Tetrahydrofuran
Concen: 24.457 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

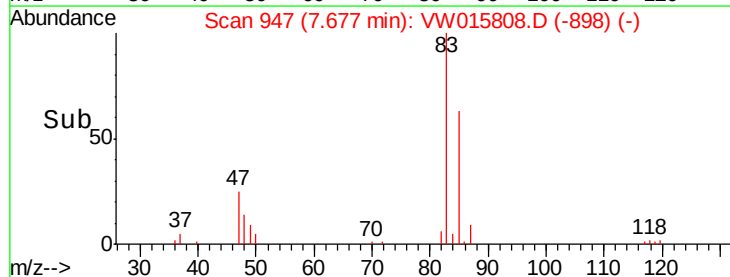
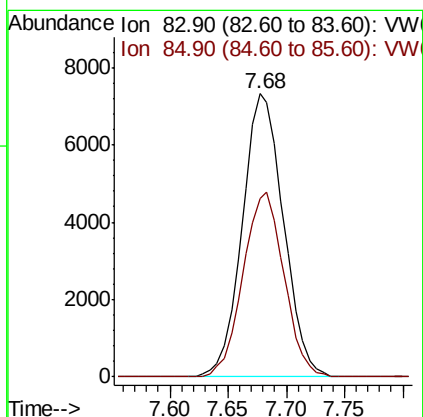
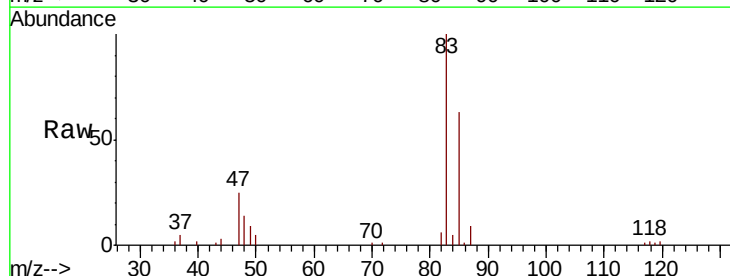
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

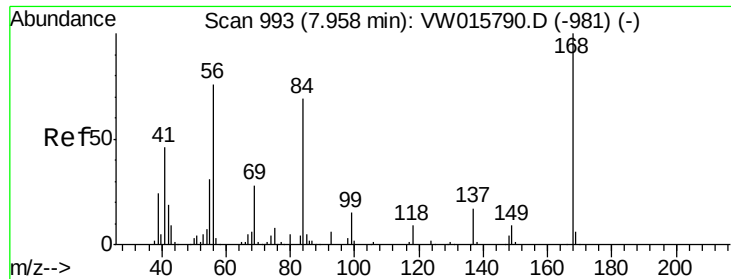
Tot Ion: 42 Resp: 8039
Ion Ratio Lower Upper
42 100
72 42.3 34.6 51.8
71 40.8 32.8 49.2



#30
Chloroform
Concen: 4.477 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 83 Resp: 17954
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4

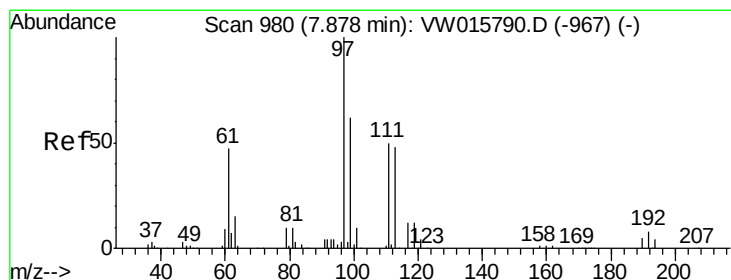
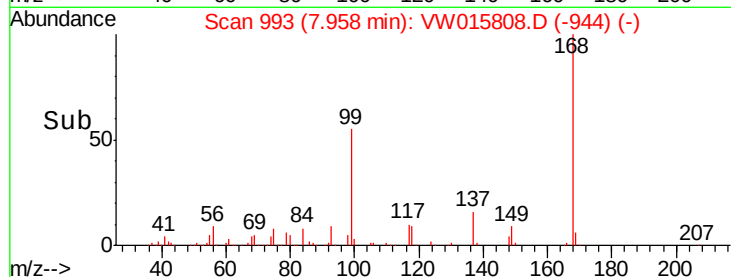
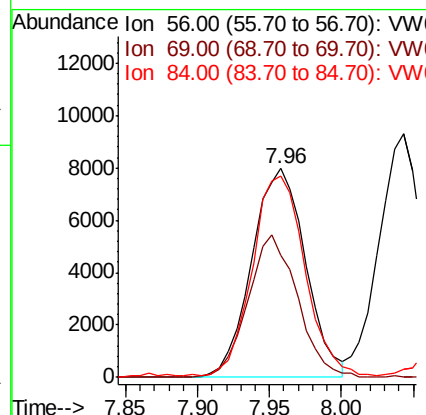
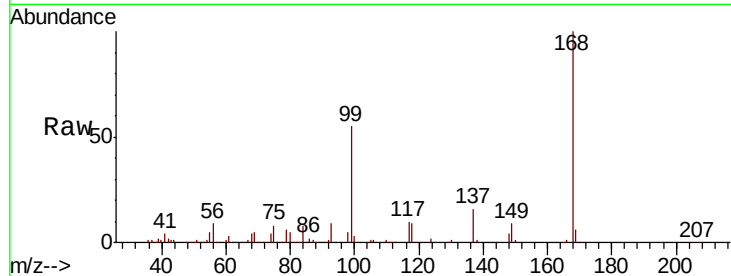




#31
Cyclohexane
Concen: 5.589 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

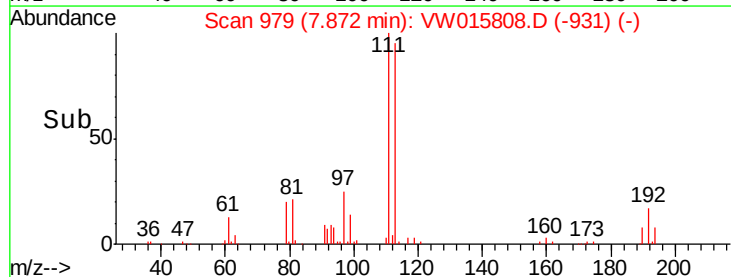
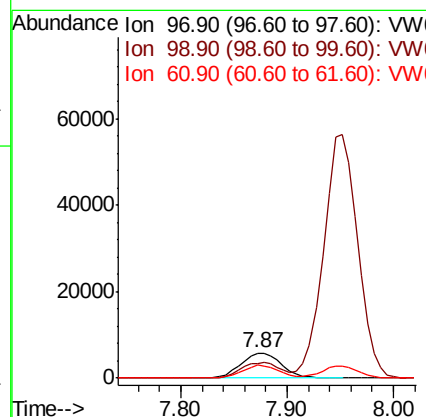
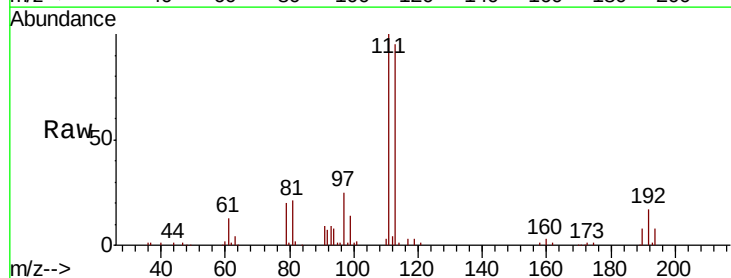
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

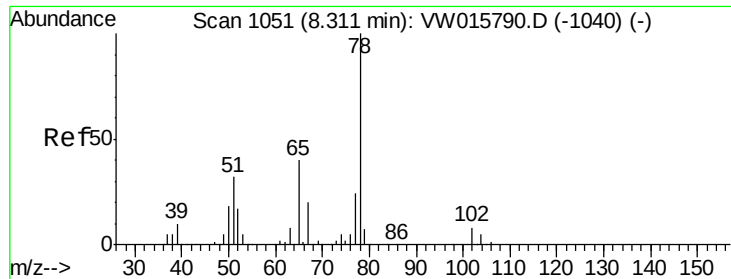
Tot Ion: 56 Resp: 20635
Ion Ratio Lower Upper
56 100
69 58.5 28.9 43.3#
84 95.0 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 4.574 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 97 Resp: 15382
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.4
61 47.3 38.6 57.8

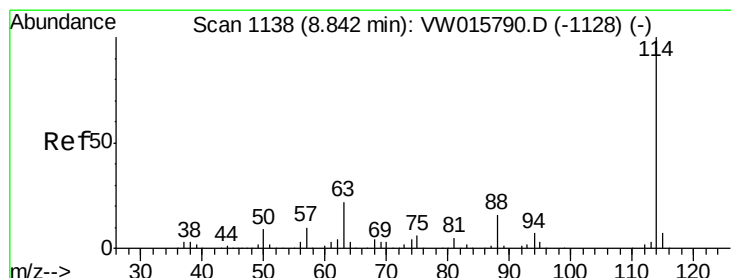
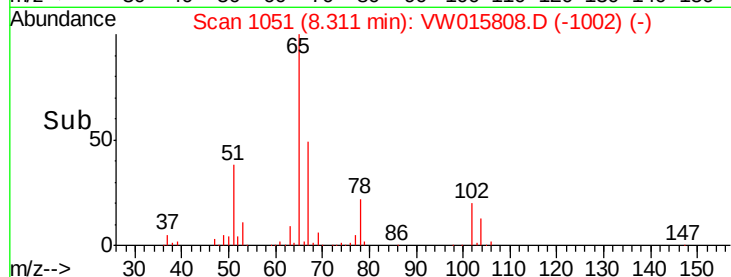
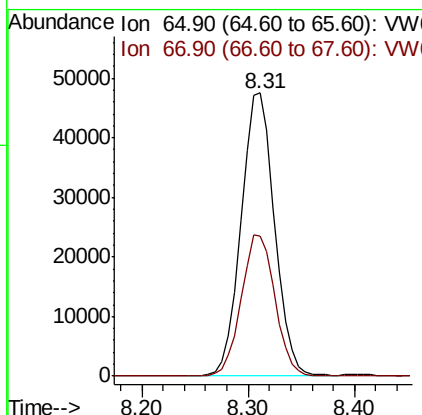
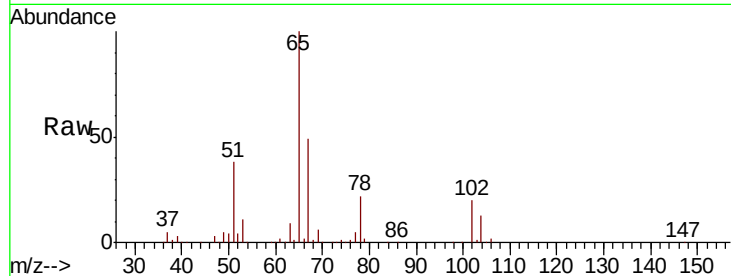




#33
 1,2-Dichloroethane-d4
 Concen: 49.220 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

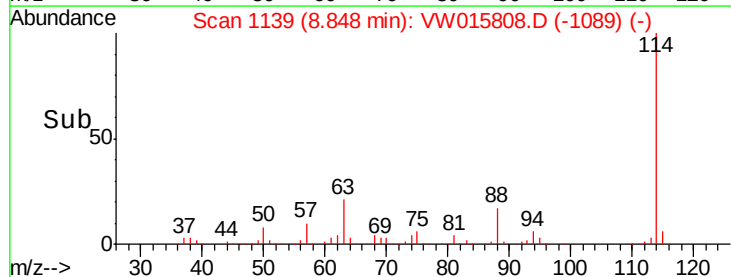
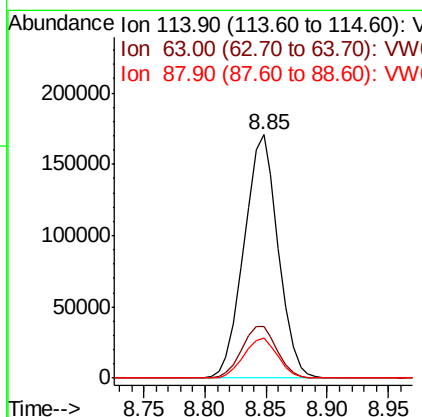
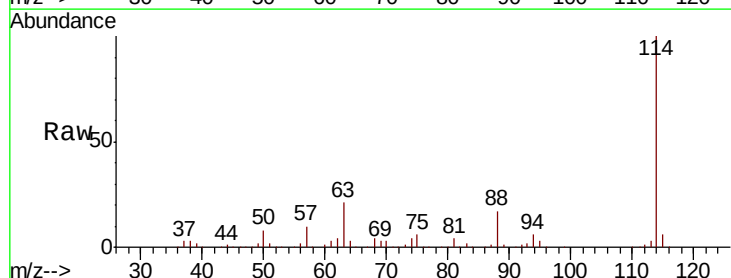
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

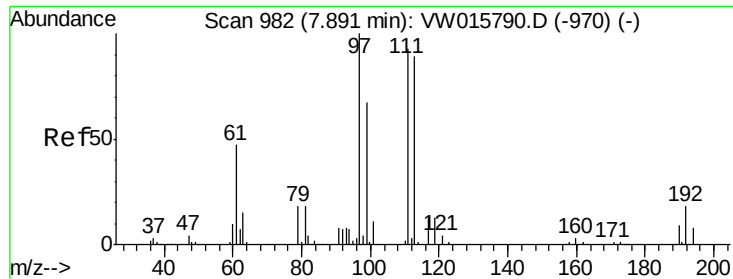
Tot Ion: 65 Resp: 104972
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 114 Resp: 330805
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.4
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.505 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

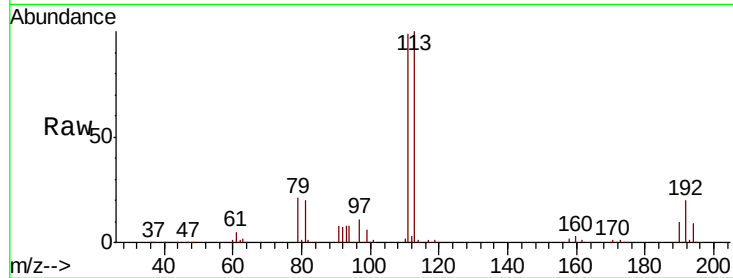
Tot Ion:113 Resp: 91684

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

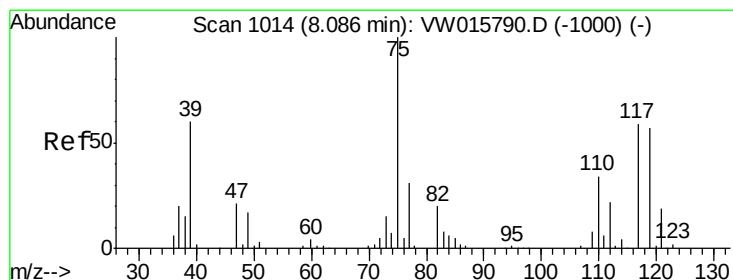
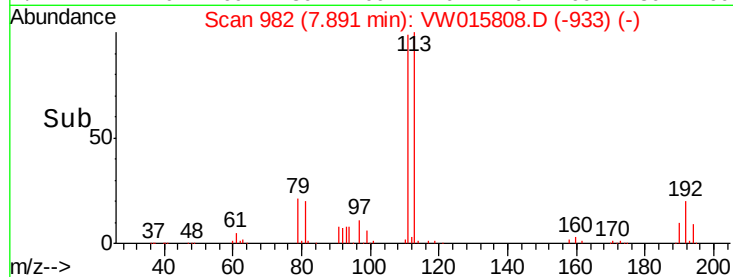
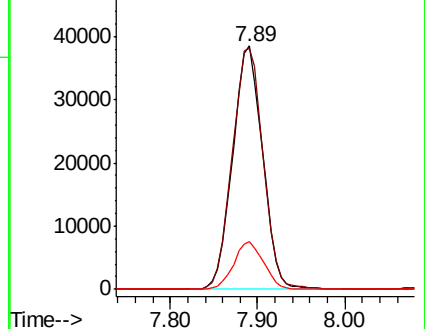
192 19.5 15.4 23.2



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: 4.657 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

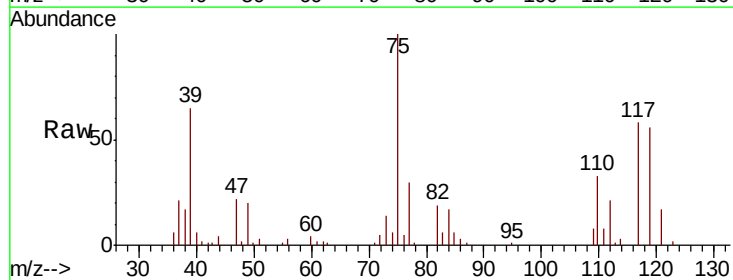
Tgt Ion: 75 Resp: 15187

Ion Ratio Lower Upper

75 100

110 32.8 16.8 50.3

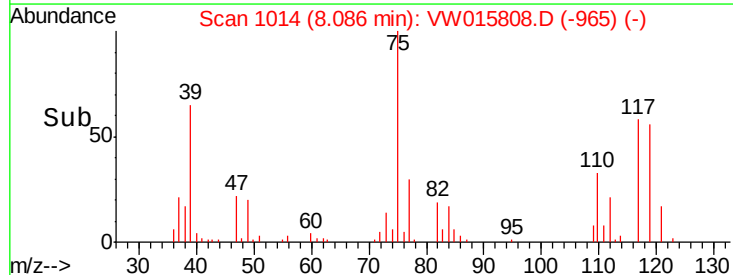
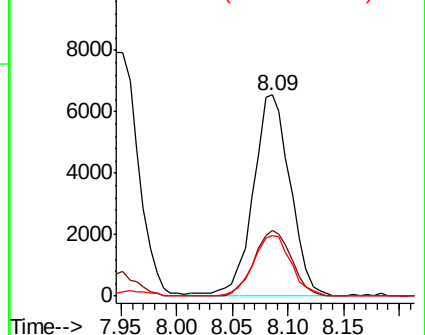
77 30.8 24.7 37.1

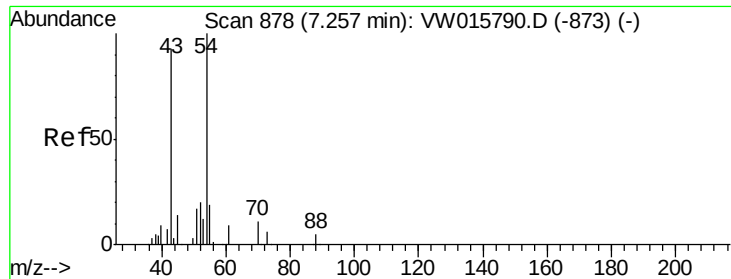


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

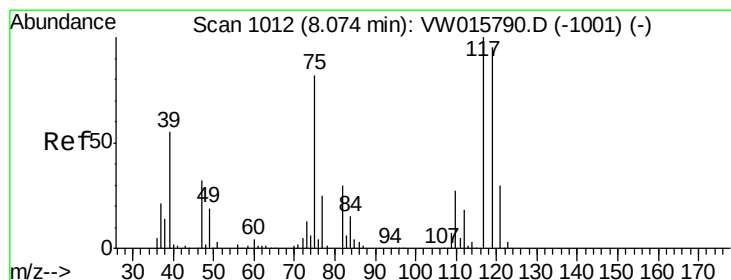
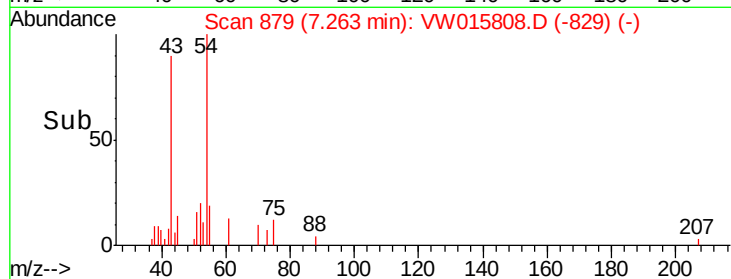
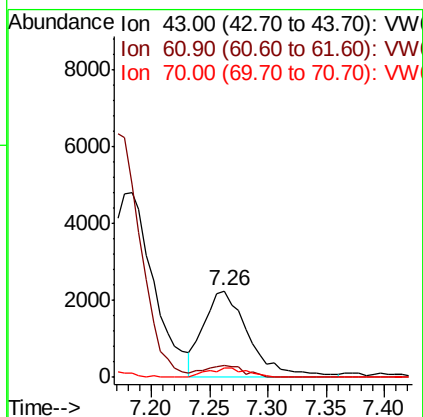
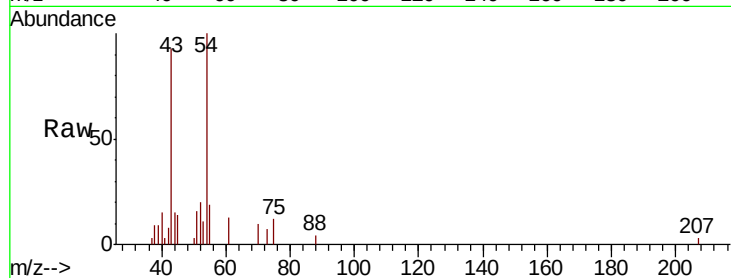




#37
Ethyl Acetate
Concen: 4.801 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

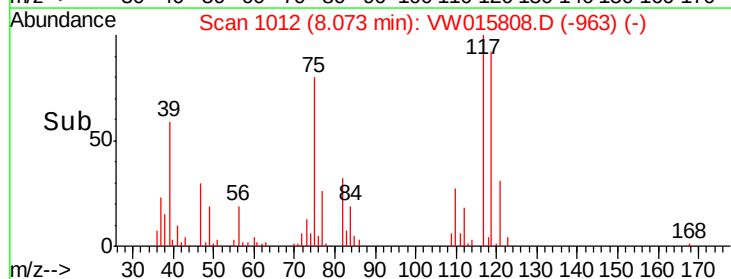
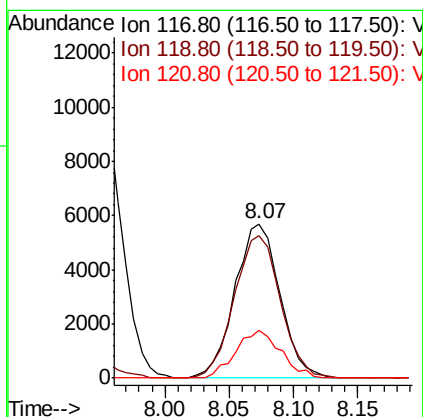
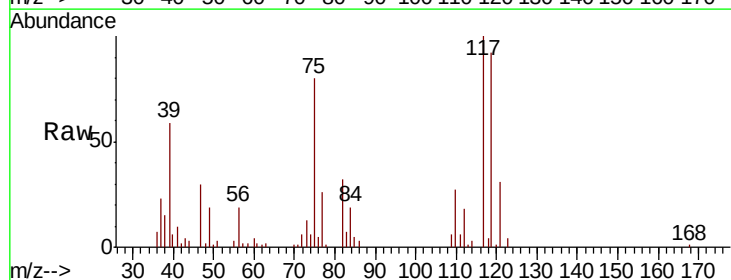
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

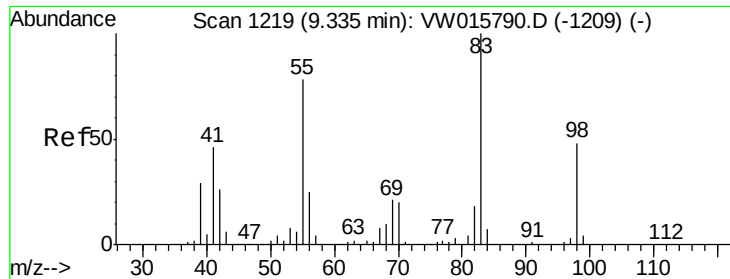
Tot Ion: 43 Resp: 6083
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 4.367 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 117 Resp: 13780
Ion Ratio Lower Upper
117 100
119 91.9 76.3 114.5
121 30.9 24.0 36.0

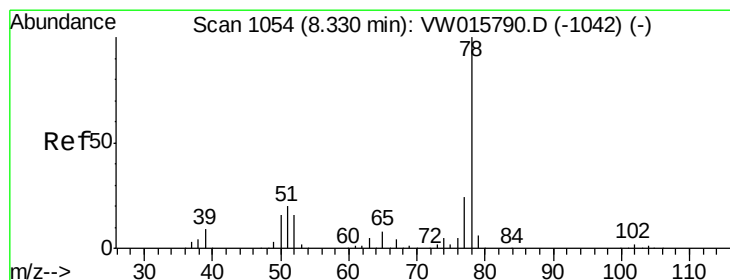
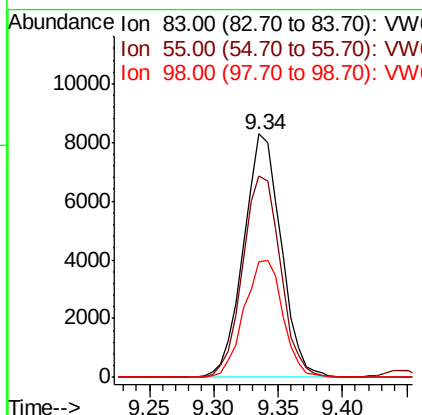
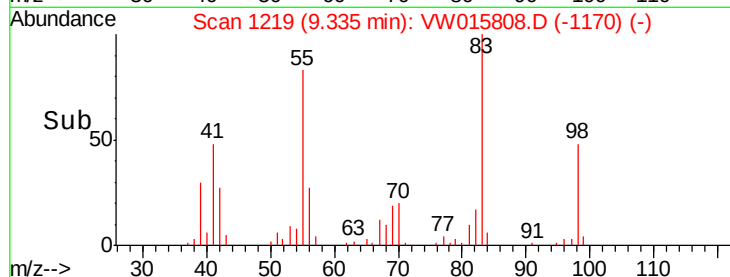
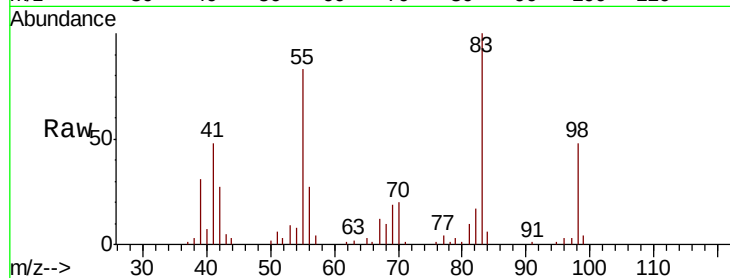




#39
Methvlcvclohexane
Concen: 4.342 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

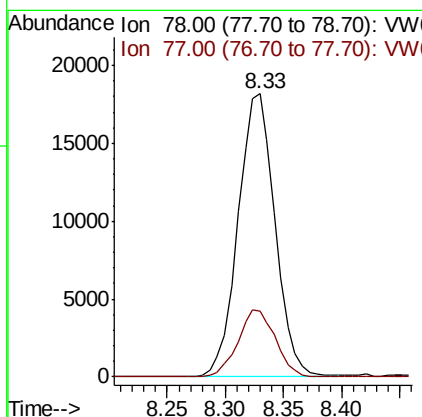
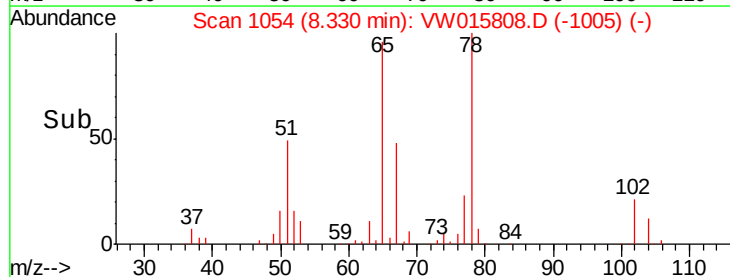
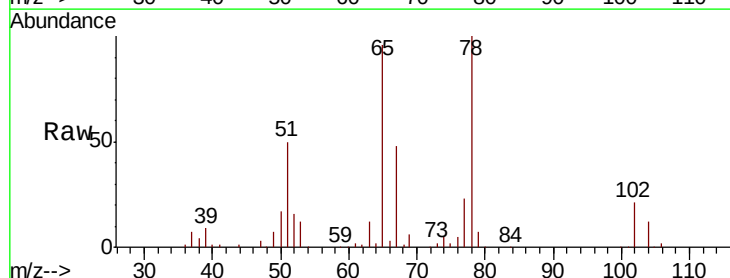
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

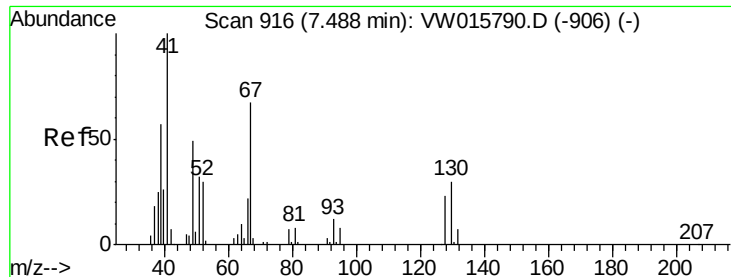
Tot Ion: 83 Resp: 16707
Ion Ratio Lower Upper
83 100
55 82.6 62.6 94.0
98 47.7 38.6 58.0



#40
Benzene
Concen: 4.498 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 78 Resp: 40181
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

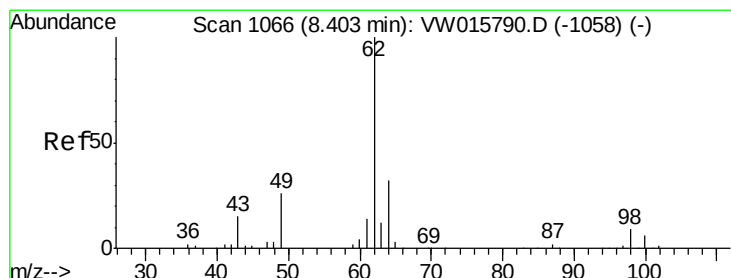
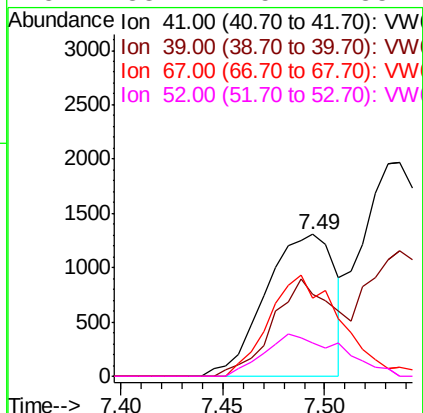
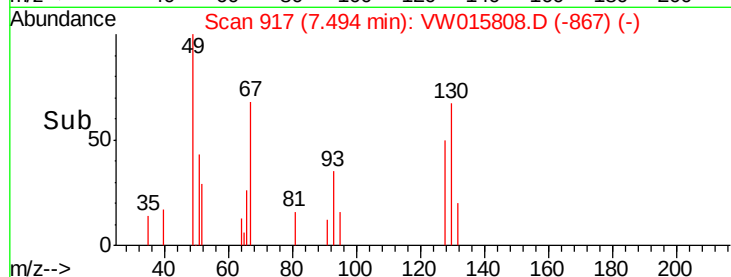
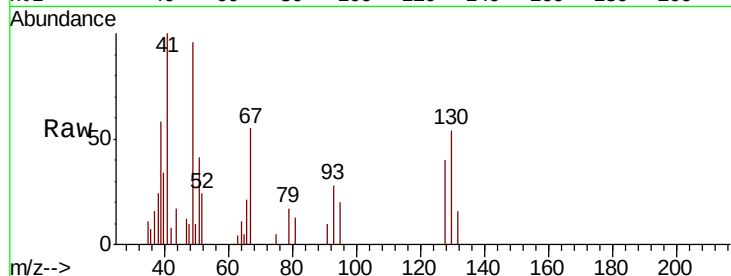




#41
Methacrylonitrile
Concen: 4.304 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

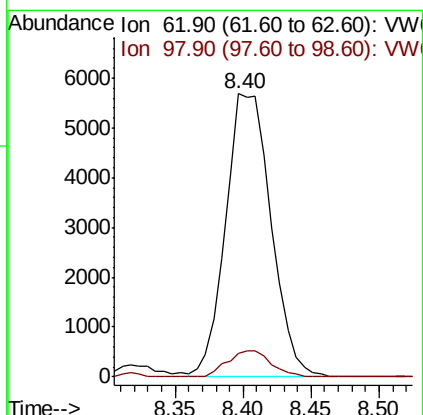
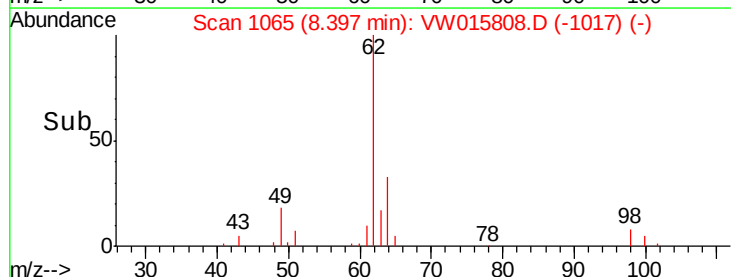
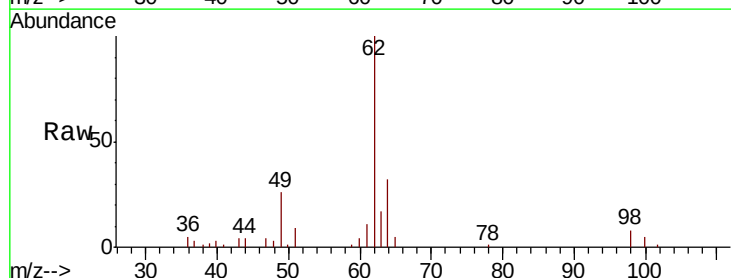
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

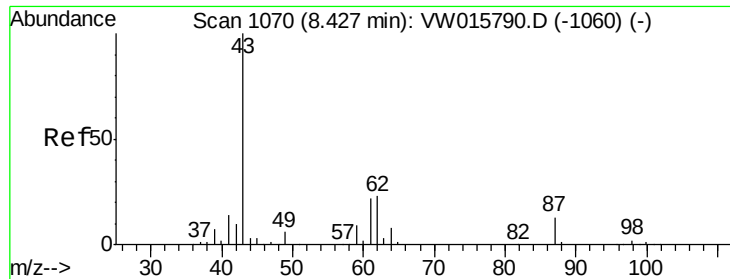
Tot Ion:	41	Resp:	3096
Ion	Ratio	Lower	Upper
41	100		
39	63.4	44.6	66.8
67	73.9	56.4	84.6
52	33.1	25.4	38.2



#42
1,2-Dichloroethane
Concen: 4.764 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:	62	Resp:	13244
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 4.418 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

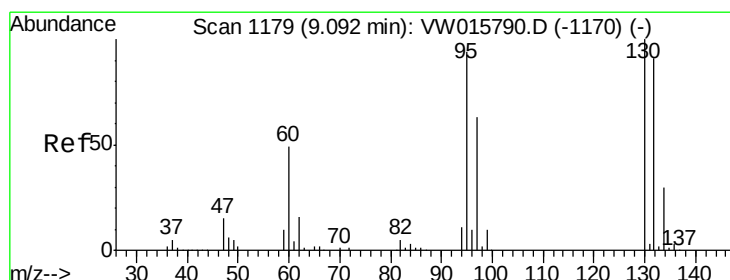
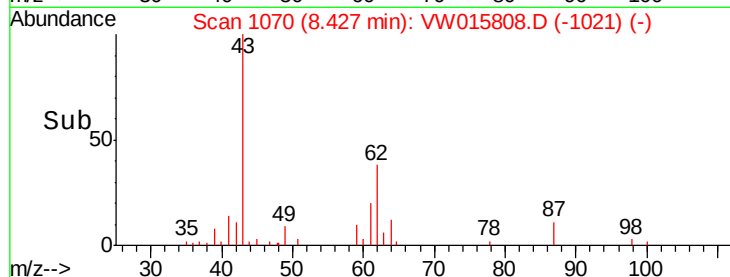
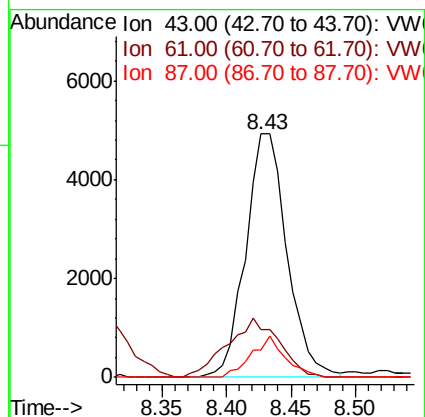
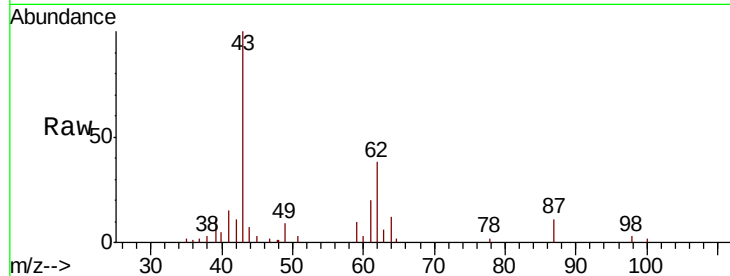
Tot Ion: 43 Resp: 10928

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

87 14.0 10.4 15.6



#44

Trichloroethene

Concen: 4.535 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015808.D

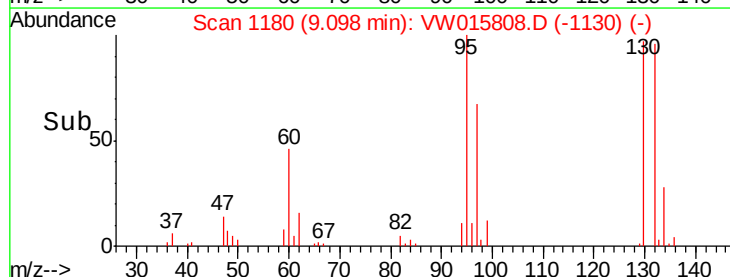
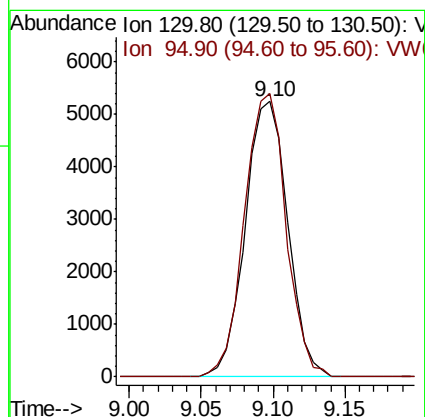
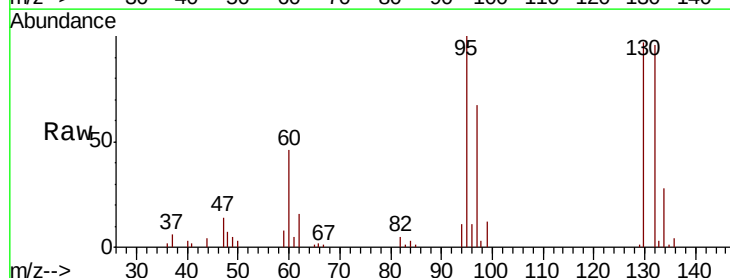
Acq: 08 Jul 2020 14:42

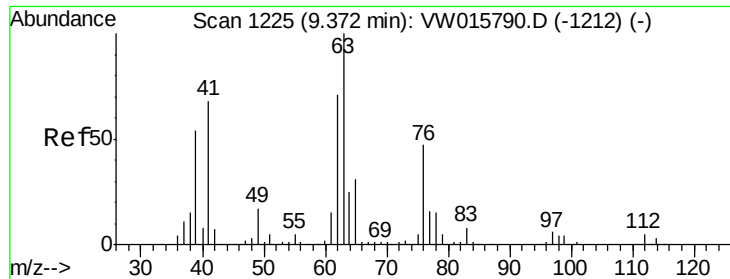
Tgt Ion: 130 Resp: 10715

Ion Ratio Lower Upper

130 100

95 102.8 0.0 188.6

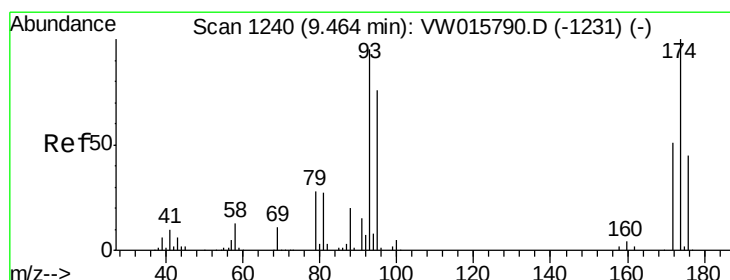
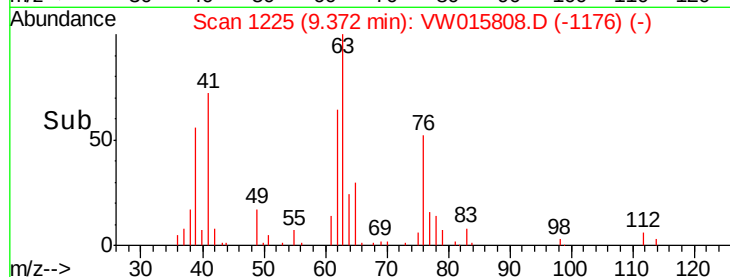
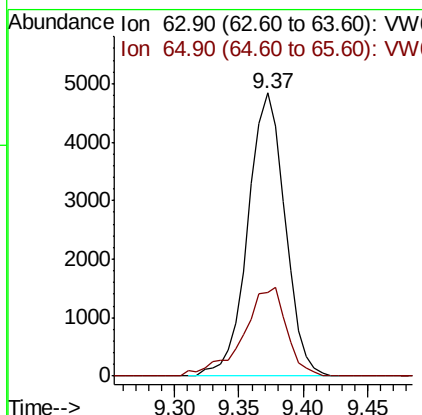
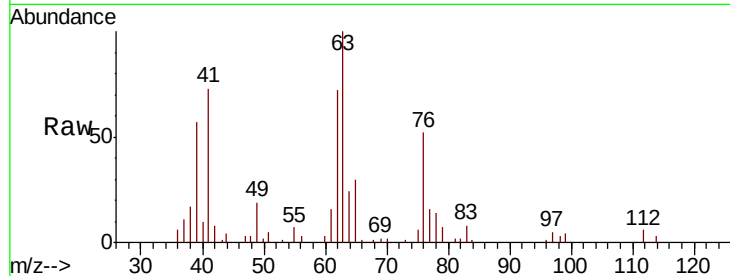




#45
 1,2-Dichloropropane
 Concen: 4.396 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

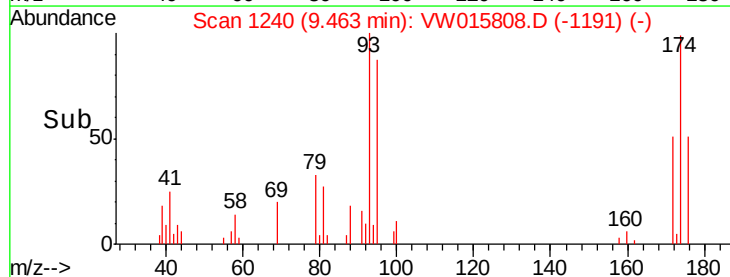
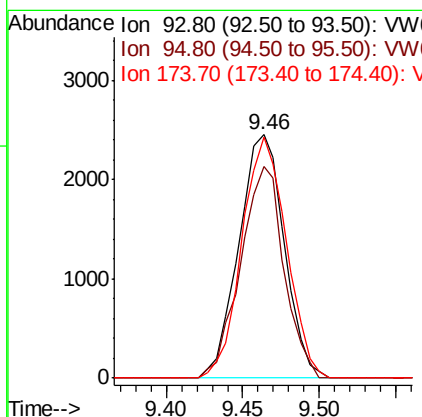
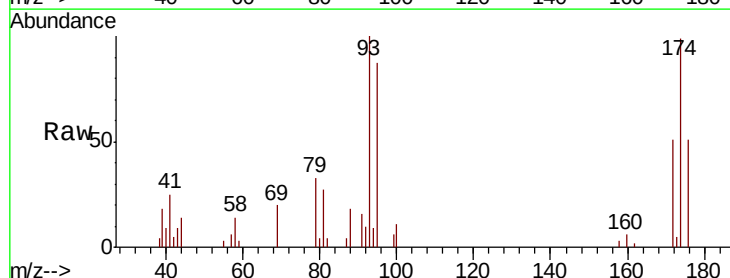
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

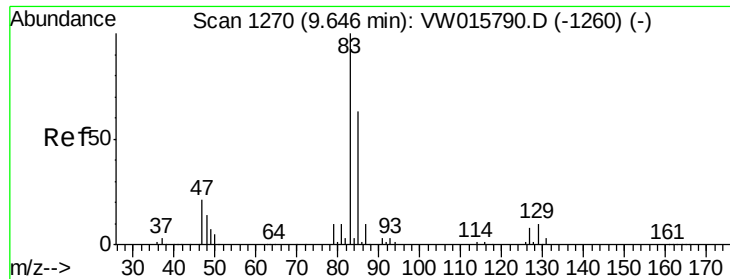
Tot Ion: 63 Resp: 9651
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.5 36.7



#46
 Dibromomethane
 Concen: 4.466 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 93 Resp: 5048
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.0 99.0
 174 97.0 78.7 118.1

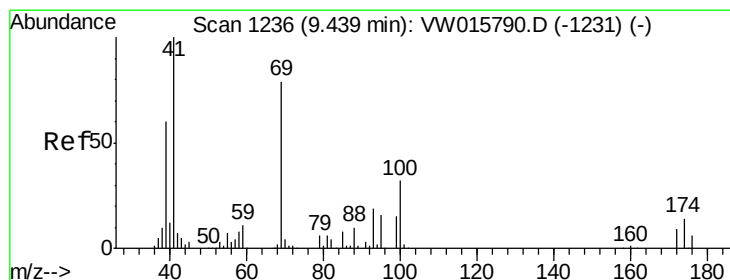
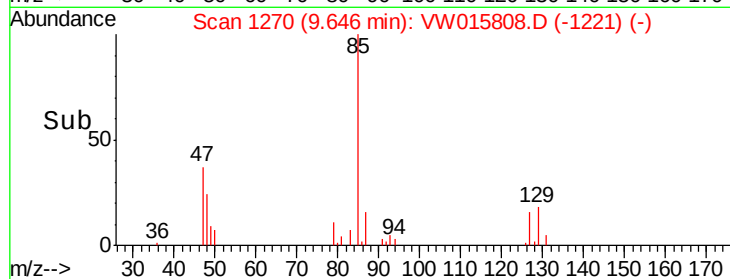
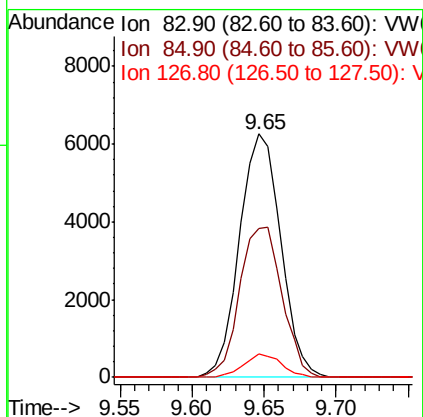
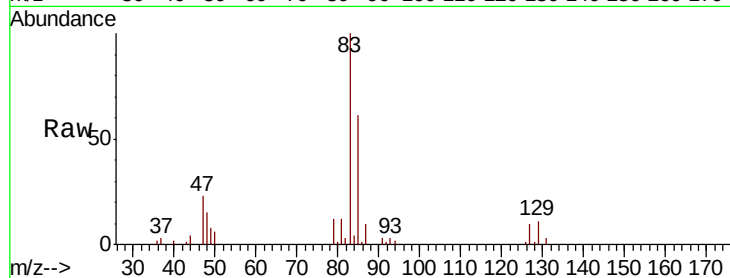




#47
 Bromodichloromethane
 Concen: 4.254 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

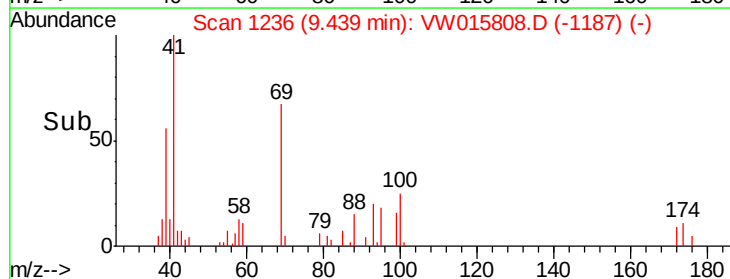
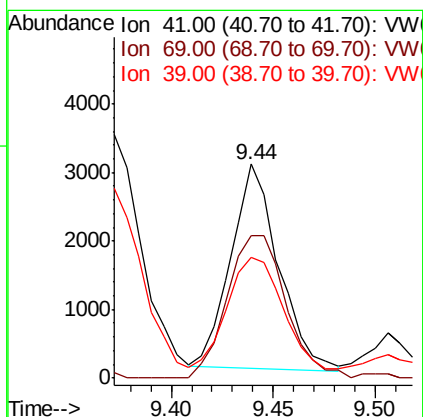
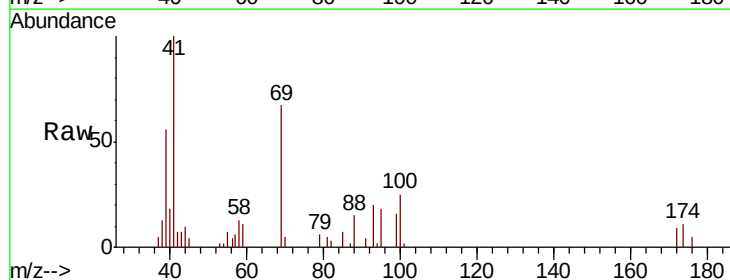
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

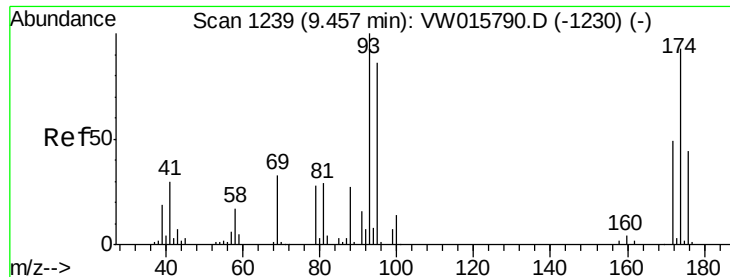
Tot Ion	83	Resp	12438
Ion Ratio	Lower	Upper	
83	100		
85	61.2	50.6	76.0
127	9.9	6.2	9.2#



#48
 Methyl methacrylate
 Concen: 4.284 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion	41	Resp	4856
Ion Ratio	Lower	Upper	
41	100		
69	85.8	67.1	100.7
39	65.4	49.9	74.9





#49

1,4-Dioxane

Concen: 107.332 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

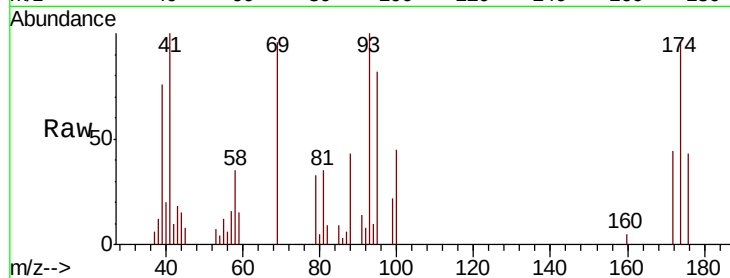
Tot Ion: 88 Resp: 1500

Ion Ratio Lower Upper

88 100

43 45.1 28.1 42.1#

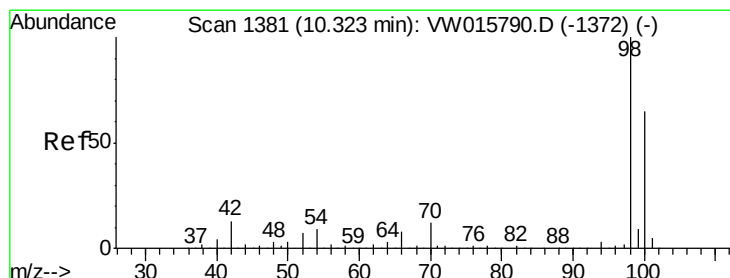
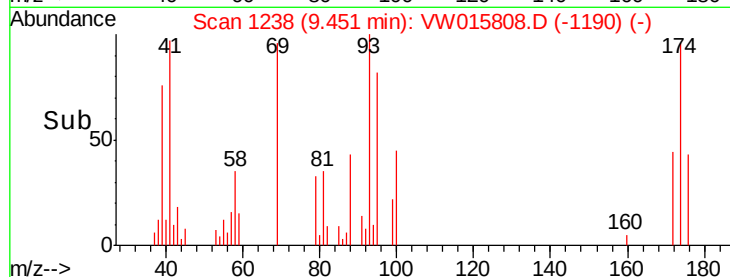
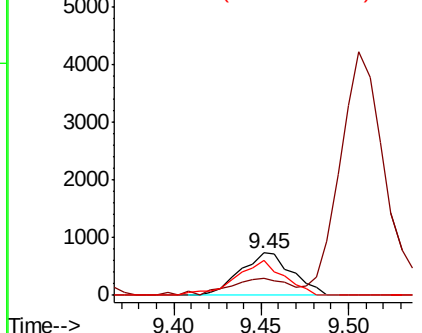
58 76.0 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.864 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015808.D

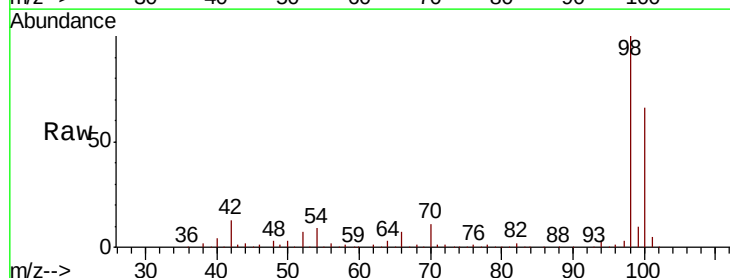
Acq: 08 Jul 2020 14:42

Tgt Ion: 98 Resp: 354831

Ion Ratio Lower Upper

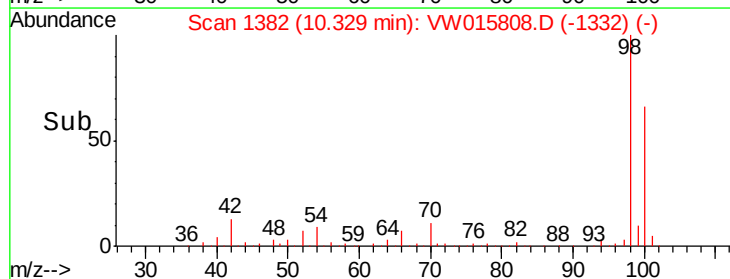
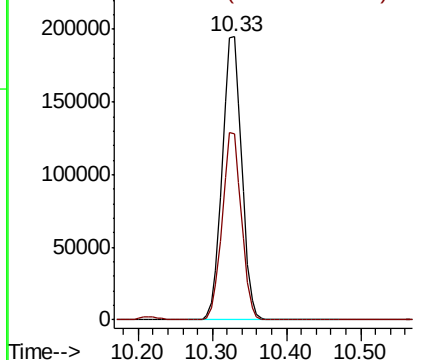
98 100

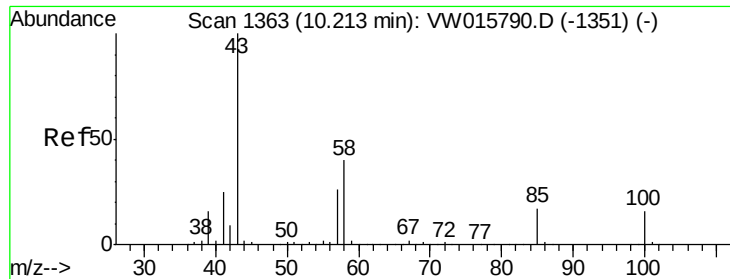
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

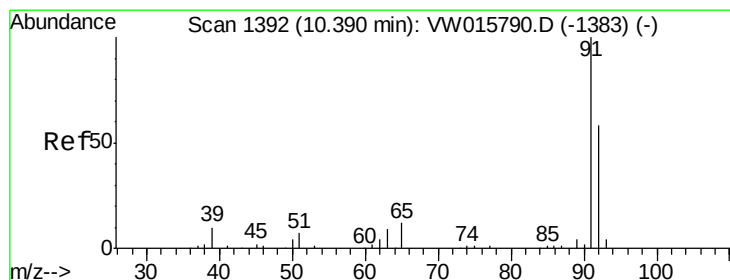
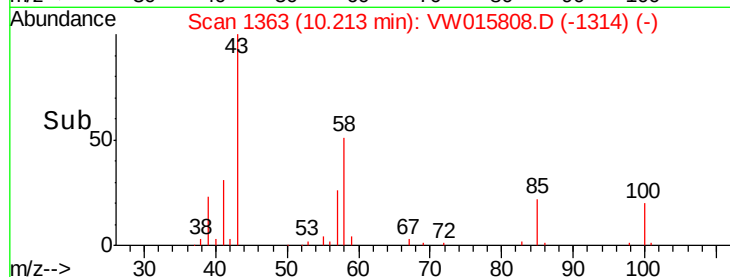
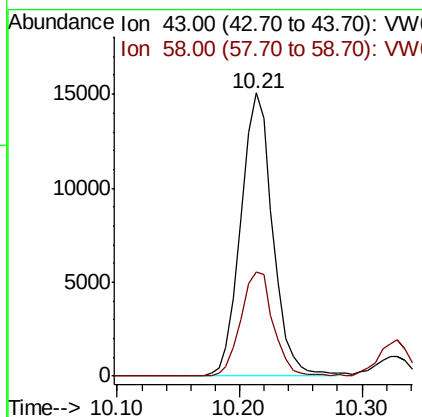
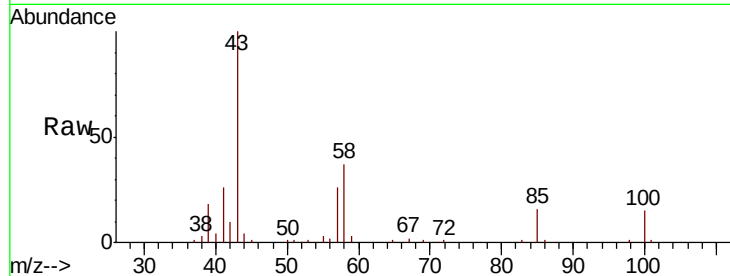




#51
 4-Methyl-2-Pentanone
 Concen: 22.679 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

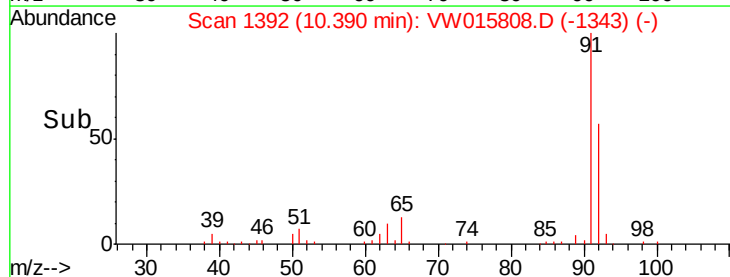
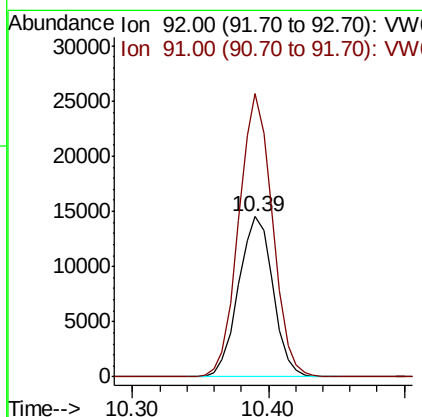
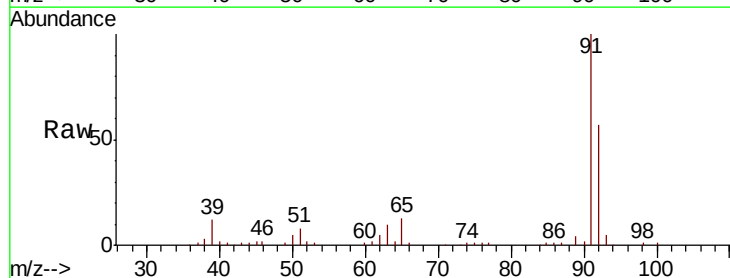
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

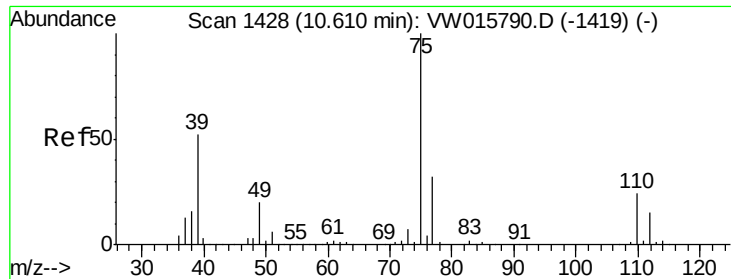
Tot Ion: 43 Resp: 27371
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.9 46.3



#52
 Toluene
 Concen: 4.472 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 92 Resp: 25709
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.1 205.7

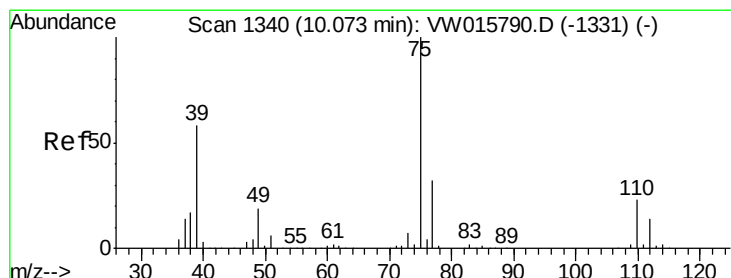
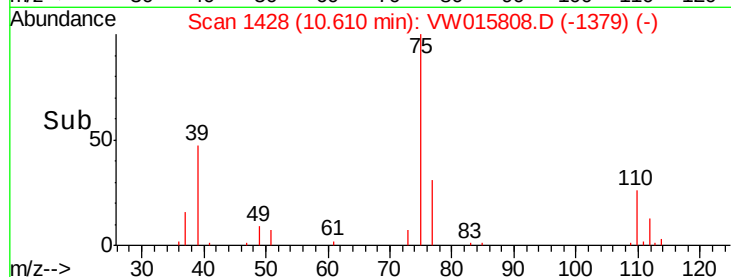
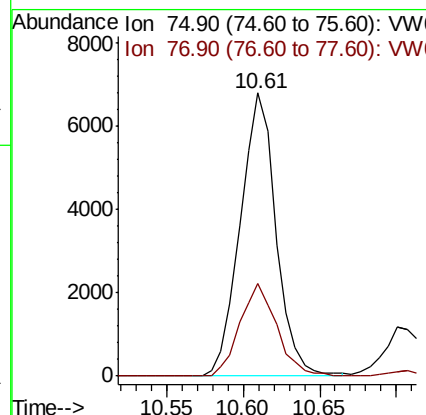
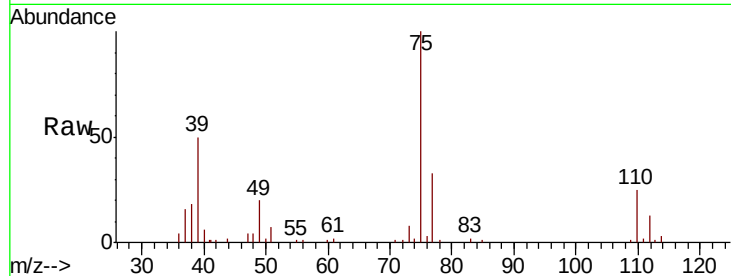




#53
 t-1,3-Dichloropropene
 Concen: 3.928 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

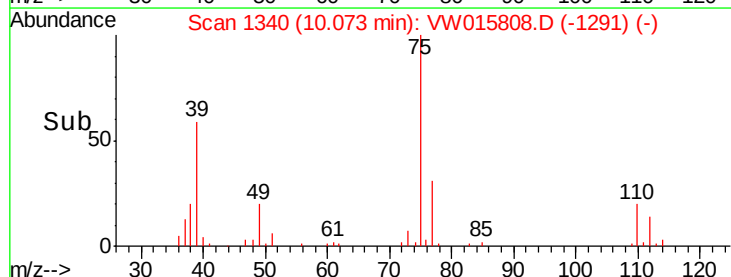
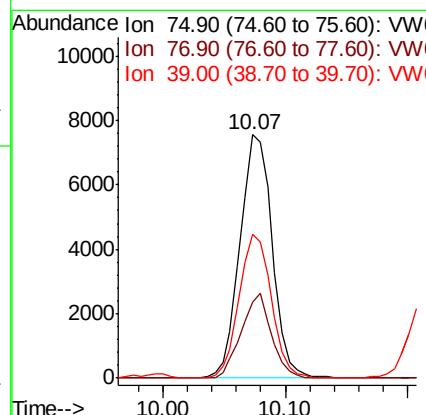
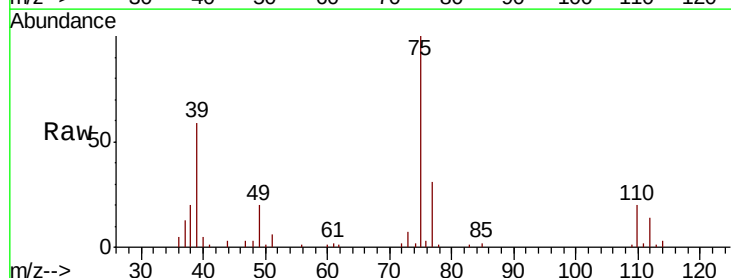
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

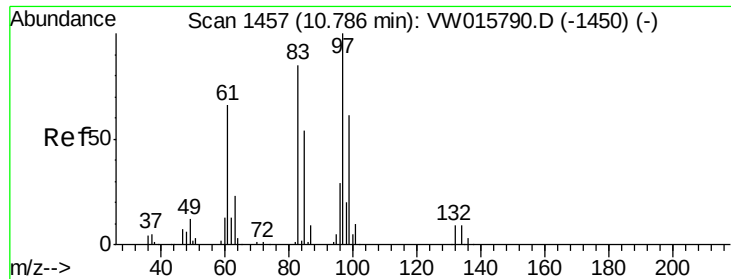
Tot Ion: 75 Resp: 11020
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.114 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 75 Resp: 13807
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 59.1 46.0 69.0

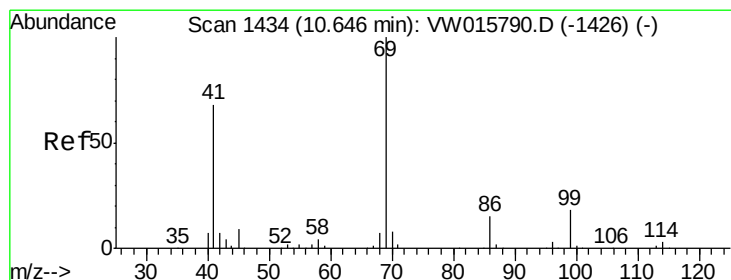
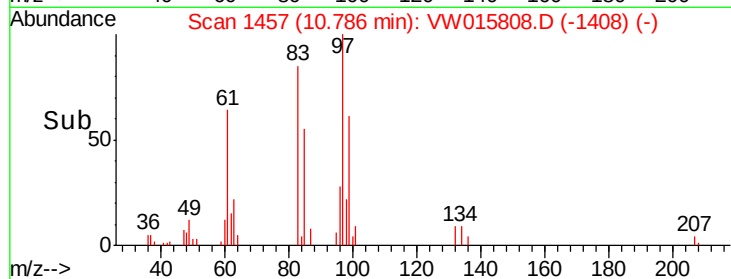
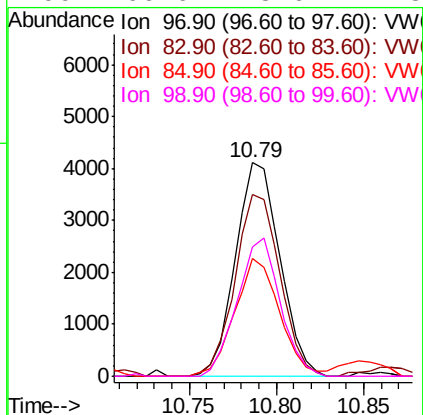
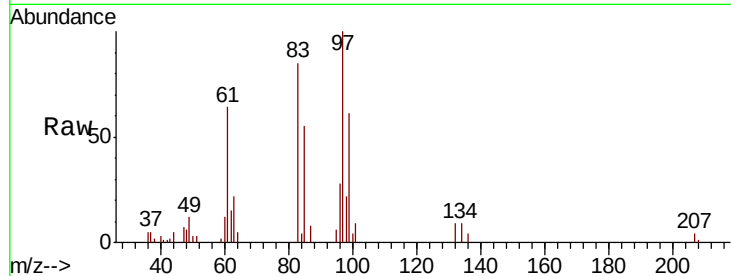




#55
 1,1,2-Trichloroethane
 Concen: 4.648 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

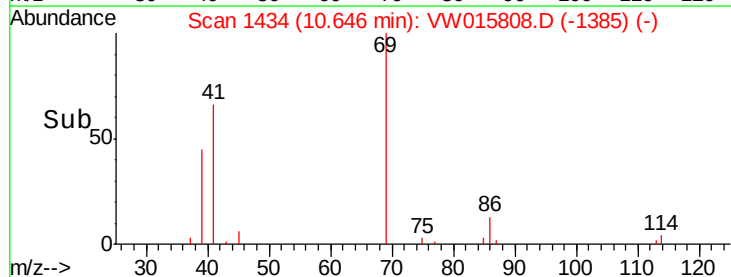
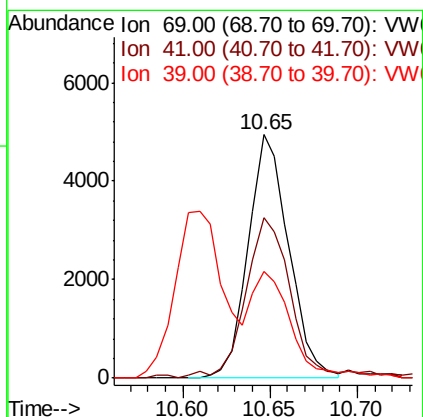
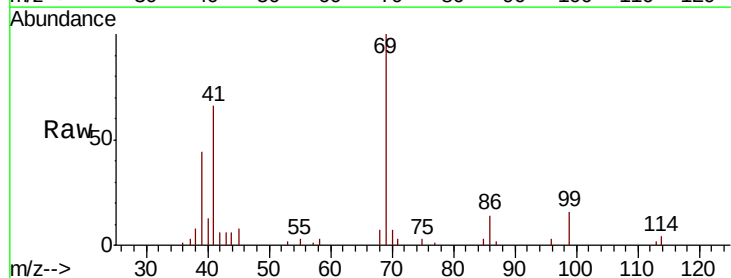
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

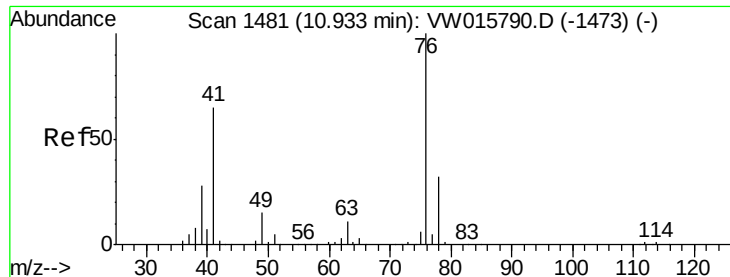
Tot Ion:	97	Resp:	7286
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.4
85	55.0	43.4	65.0
99	60.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 4.141 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion:	69	Resp:	7979
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.0	82.6
39	43.2	33.8	50.8

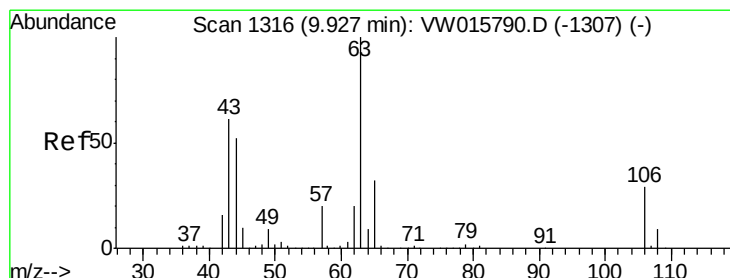
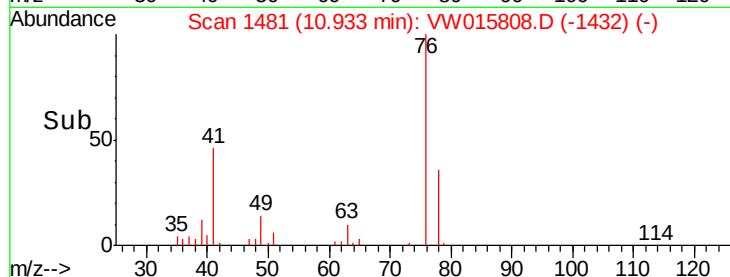
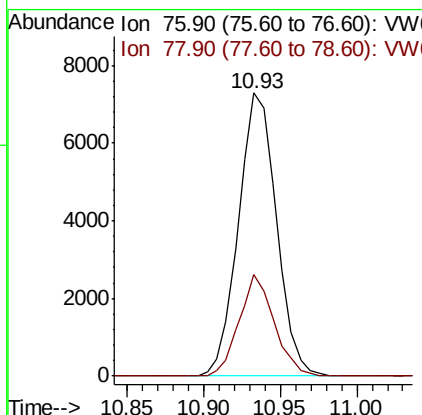
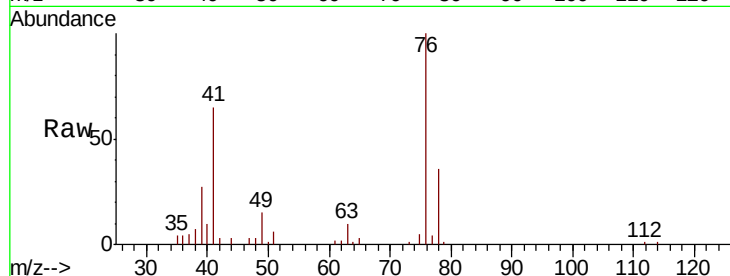




#57
 1,3-Dichloropropane
 Concen: 4.542 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

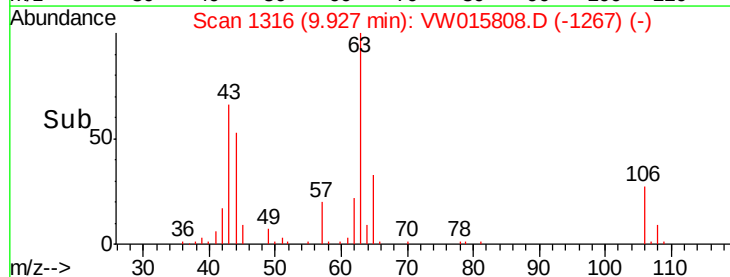
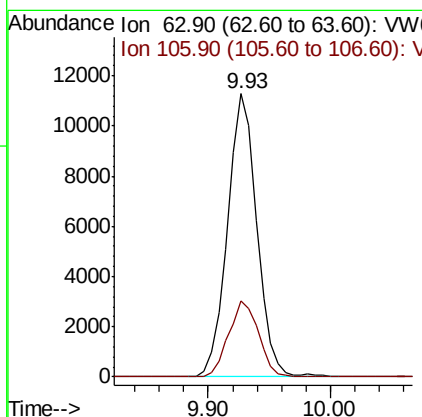
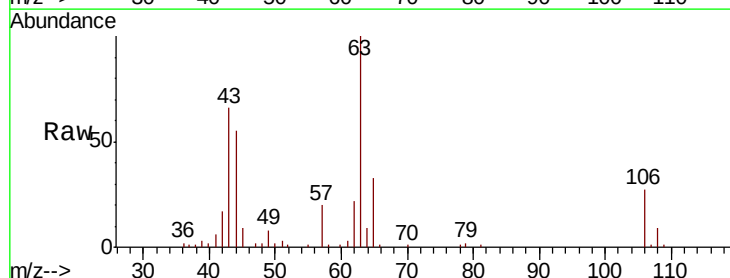
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

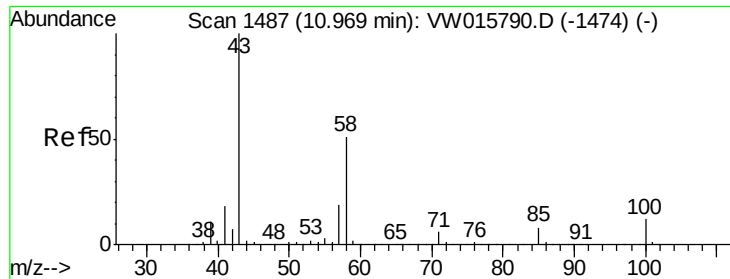
Tot Ion: 76 Resp: 12604
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 19.785 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion: 63 Resp: 18629
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.1 34.7





#59

2-Hexanone

Concen: 22.521 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

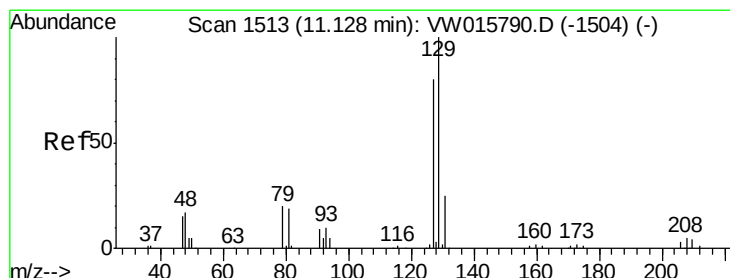
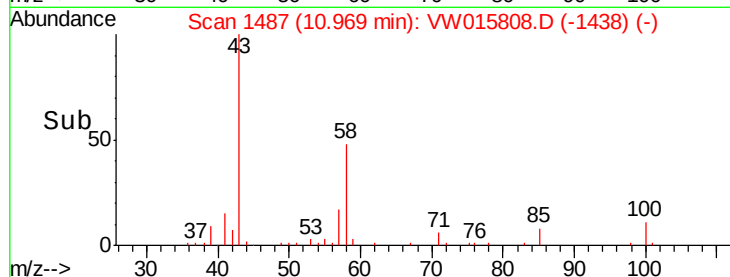
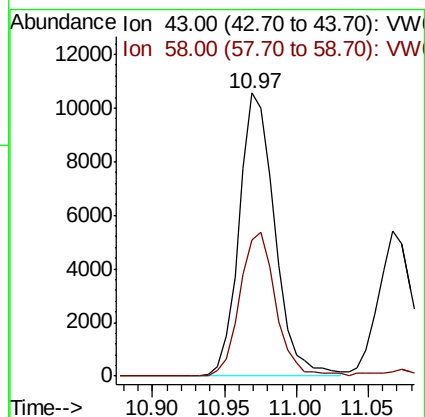
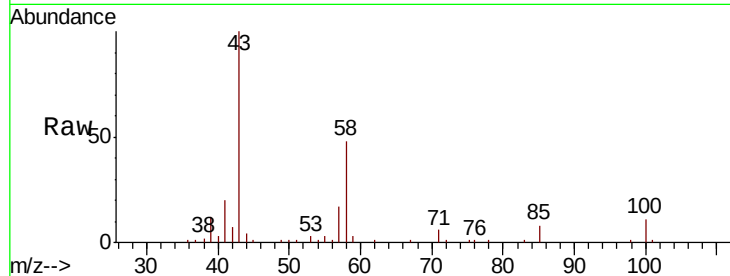
TP-8-S1

Tot Ion: 43 Resp: 18139

Ion Ratio Lower Upper

43 100

58 51.1 26.2 78.5



#60

Dibromochloromethane

Concen: 4.061 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015808.D

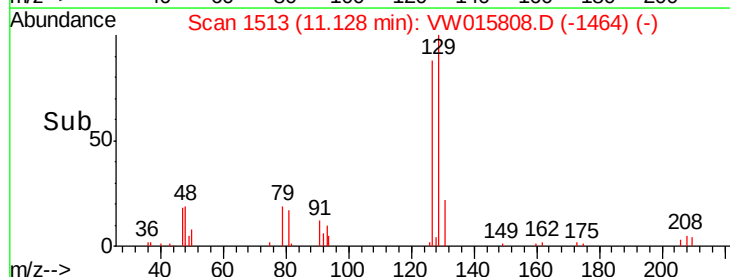
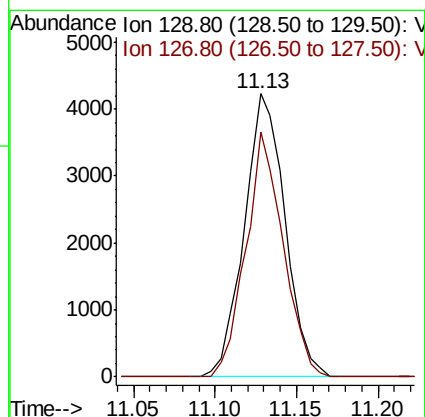
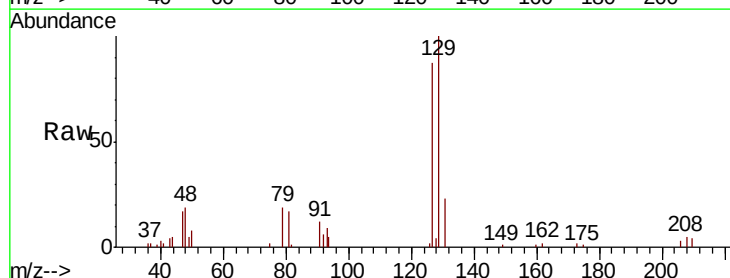
Acq: 08 Jul 2020 14:42

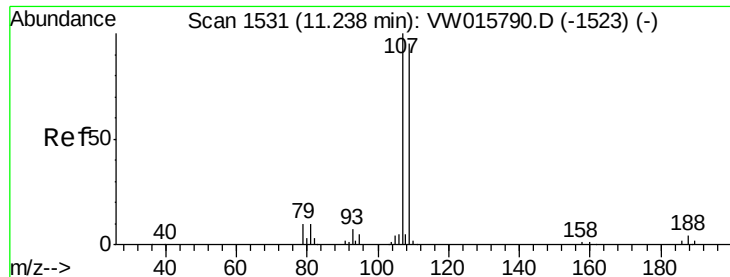
Tgt Ion: 129 Resp: 7351

Ion Ratio Lower Upper

129 100

127 79.2 39.4 118.1





#61

1,2-Dibromoethane

Concen: 4.411 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

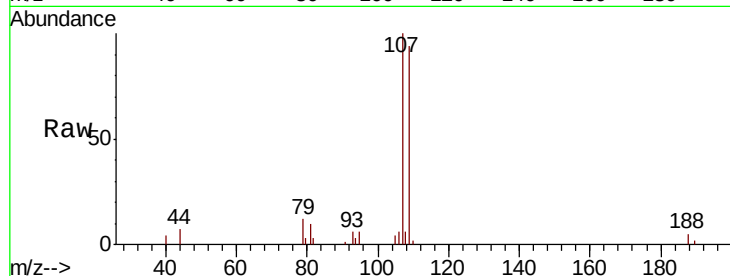
TP-8-S1

Tot Ion: 107 Resp: 6616

Ion Ratio Lower Upper

107 100

109 94.0 77.0 115.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

4000

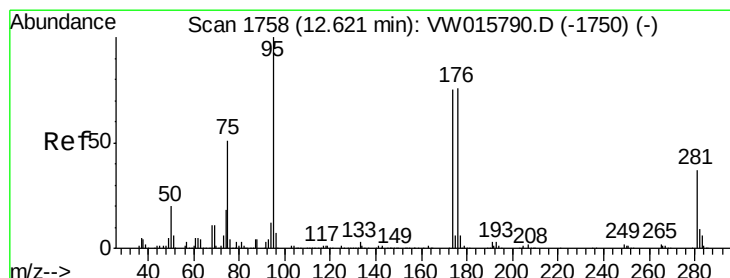
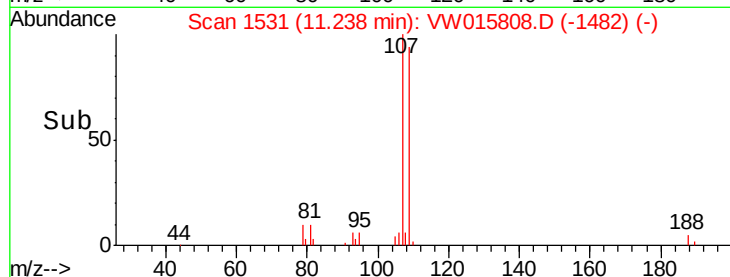
3000

2000

1000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 47.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

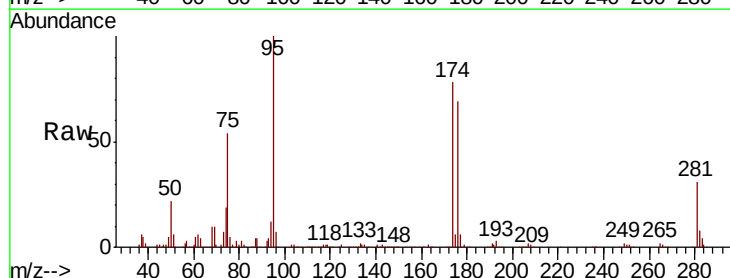
Tgt Ion: 95 Resp: 128573

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

176 73.7 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

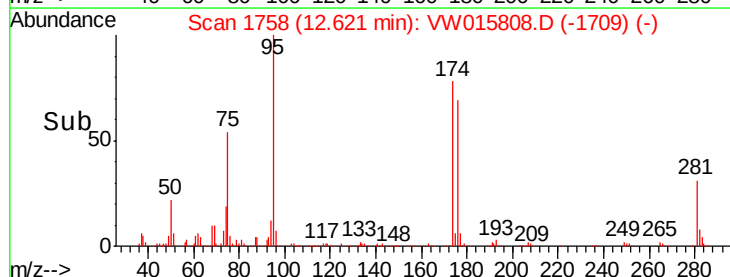
60000

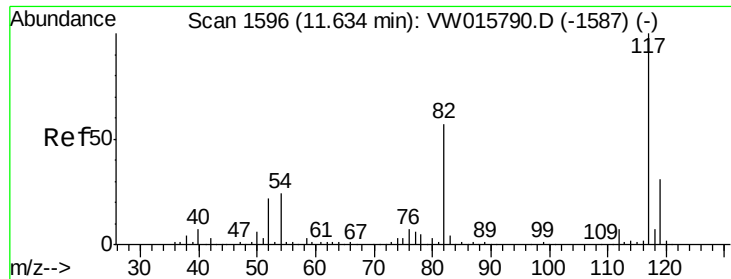
40000

20000

0

Time--> 12.60 12.70

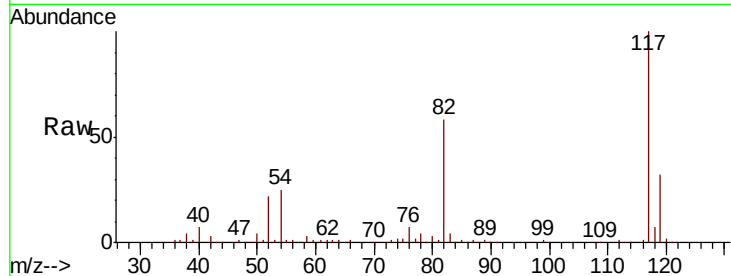




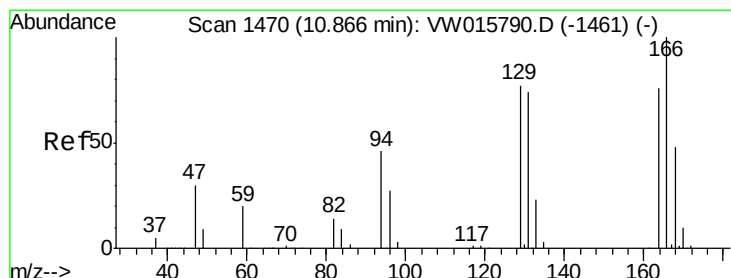
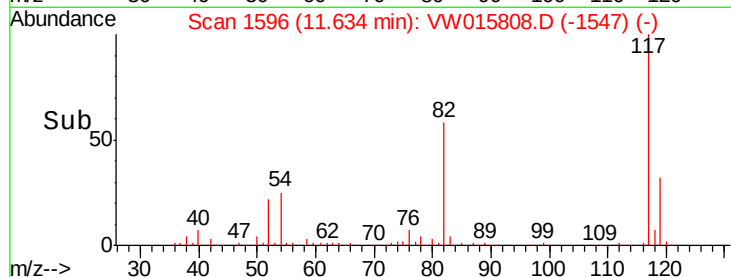
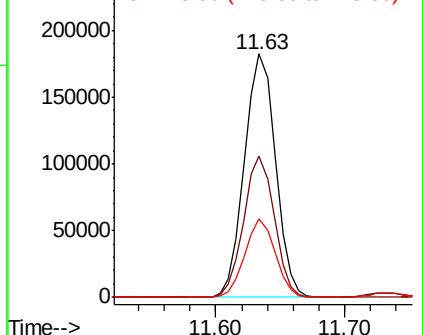
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion:117 Resp: 304628
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.1 25.0 37.6

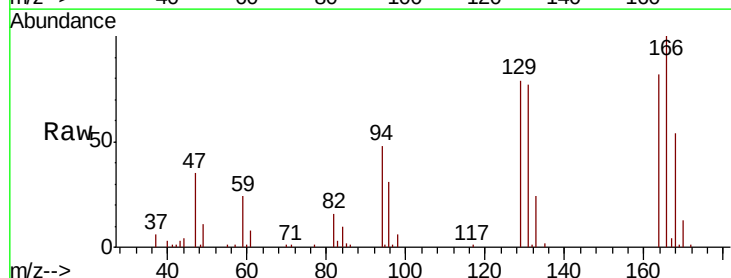


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

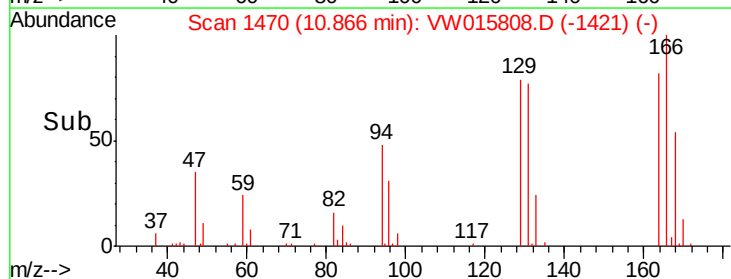
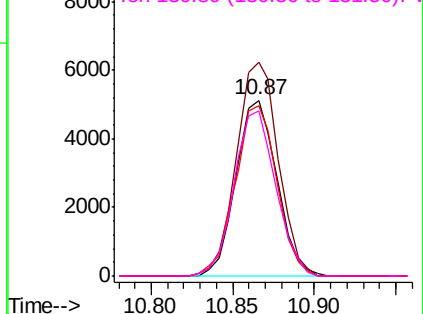


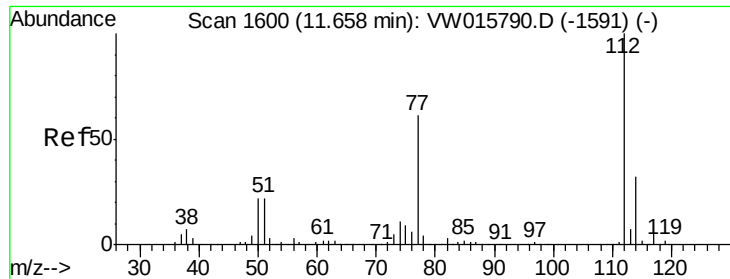
#64
Tetrachloroethene
Concen: 4.630 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:164 Resp: 8926
Ion Ratio Lower Upper
164 100
166 121.4 105.1 157.7
129 96.5 80.6 121.0
131 93.6 77.8 116.6



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

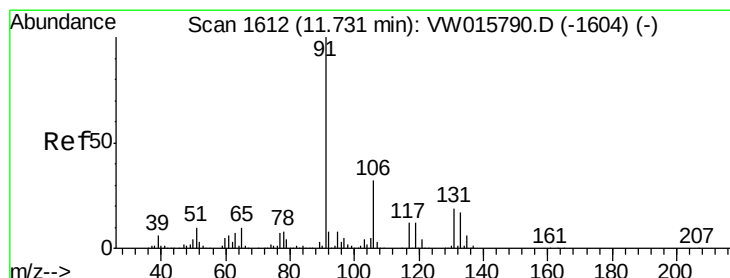
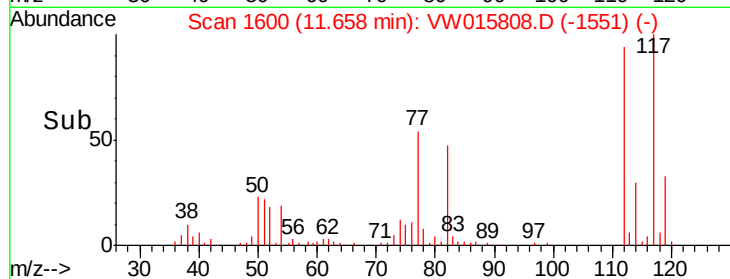
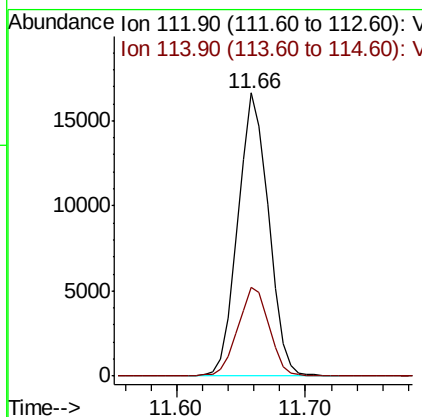
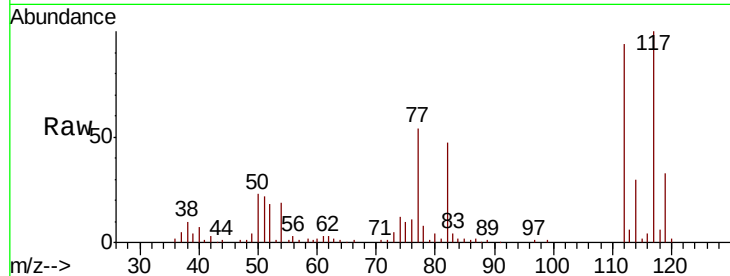




#65
Chlorobenzene
Concen: 4.604 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

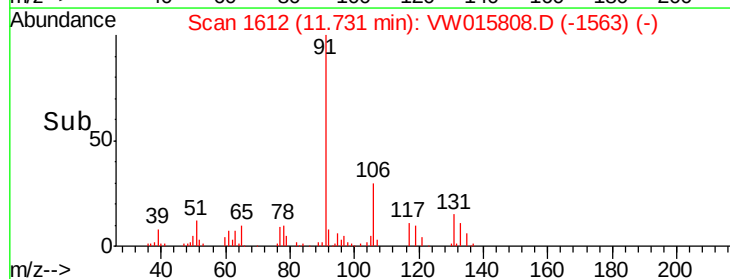
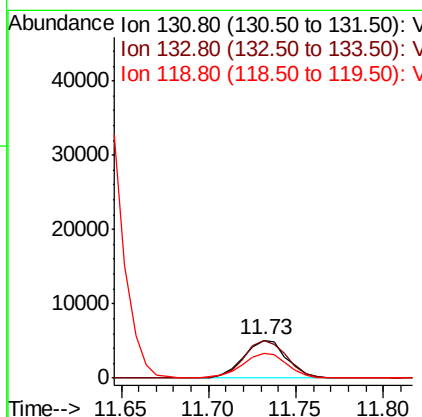
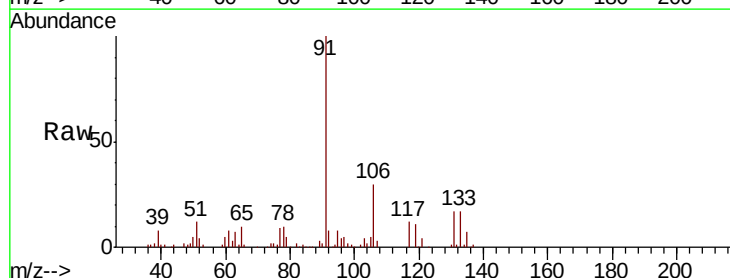
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

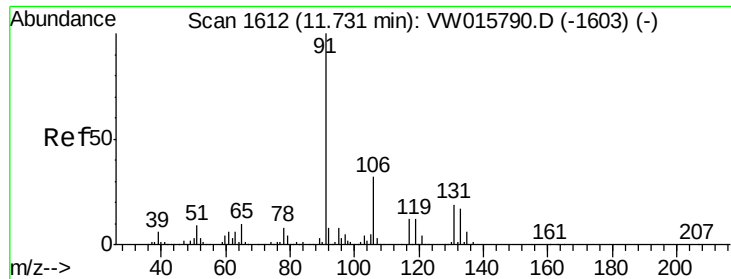
Tot Ion:112 Resp: 27430
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.170 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:131 Resp: 8792
Ion Ratio Lower Upper
131 100
133 99.4 47.0 141.2
119 68.7 32.3 96.8

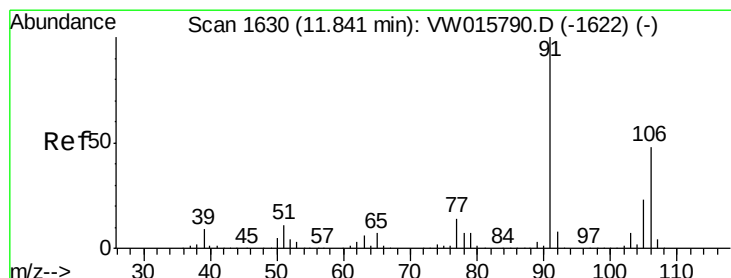
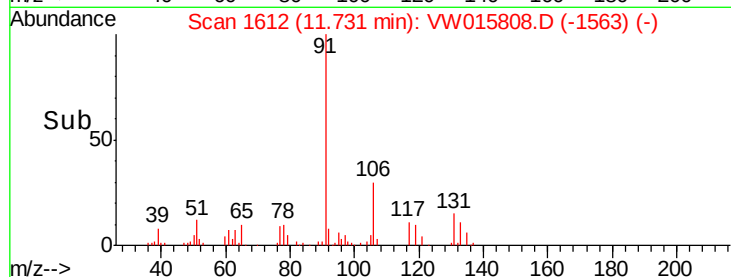
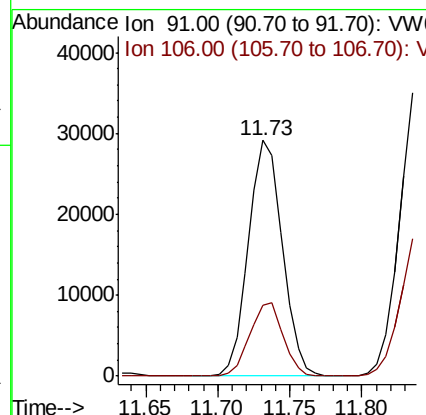
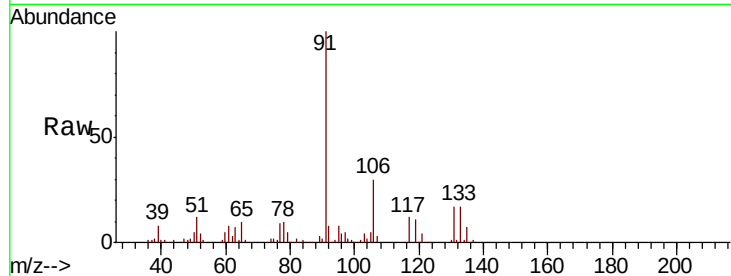




#67
Ethyl Benzene
Concen: 4.323 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

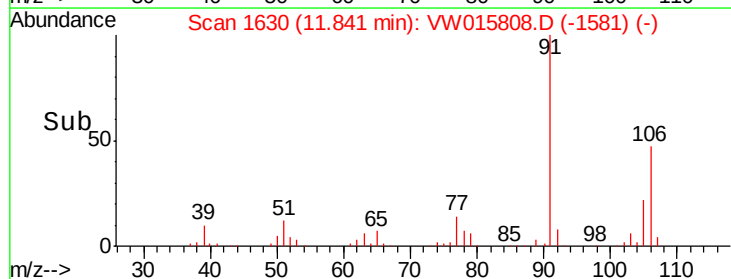
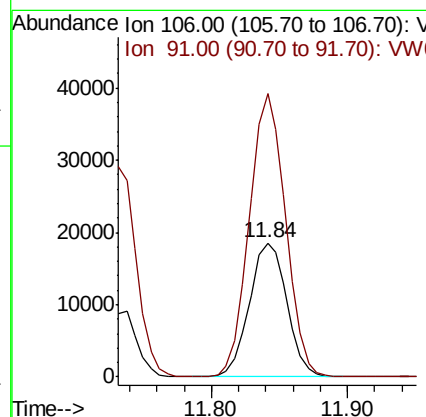
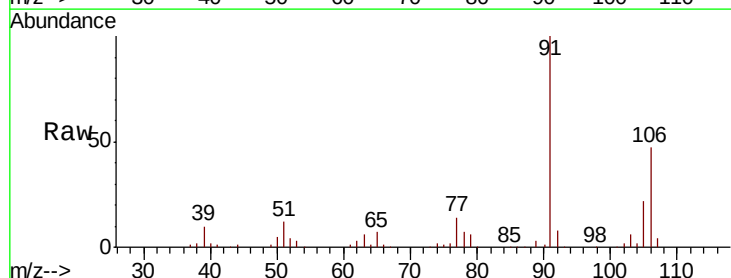
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

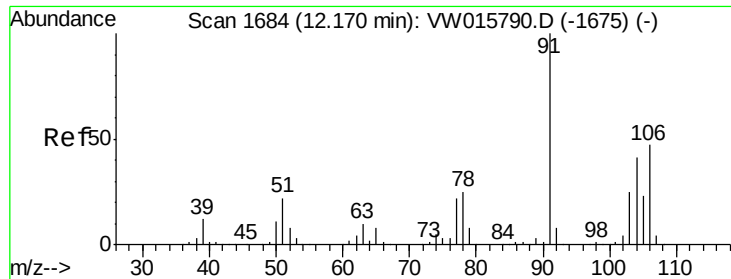
Tot Ion: 91 Resp: 47687
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8



#68
m/p-Xylenes
Concen: 8.626 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 106 Resp: 35747
Ion Ratio Lower Upper
106 100
91 205.9 164.1 246.1

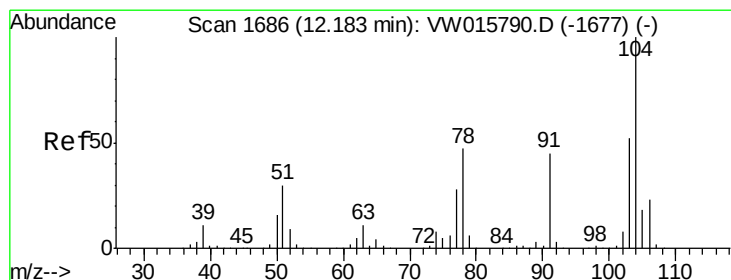
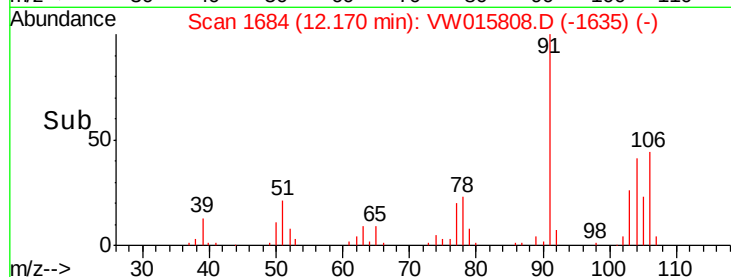
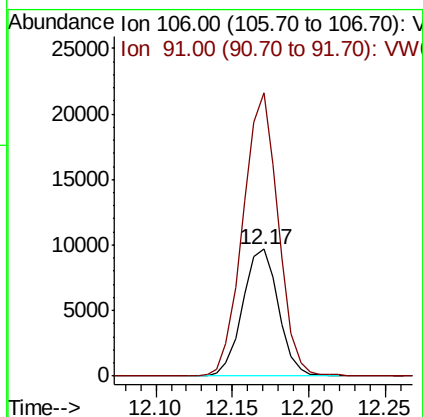
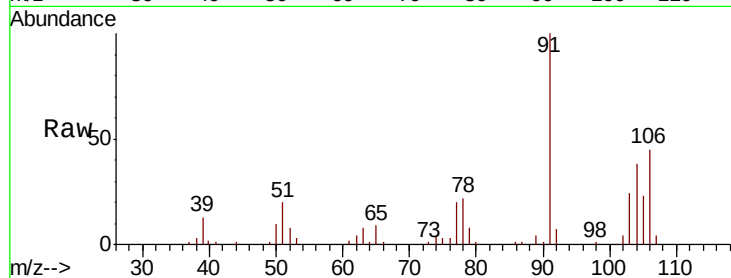




#69
o-Xylene
Concen: 4.160 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

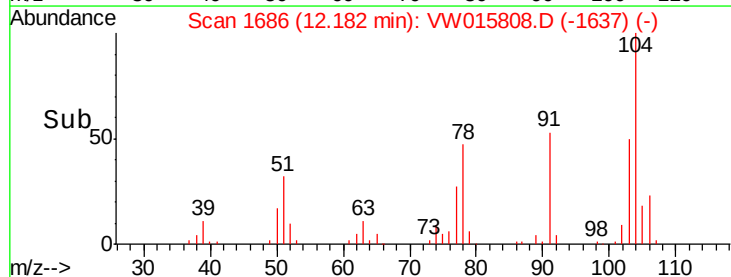
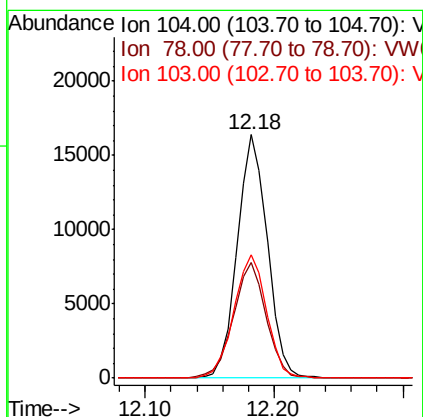
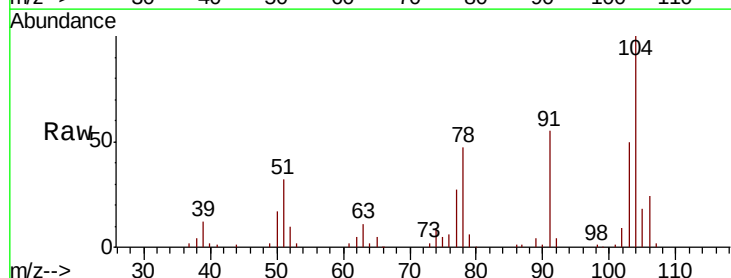
Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

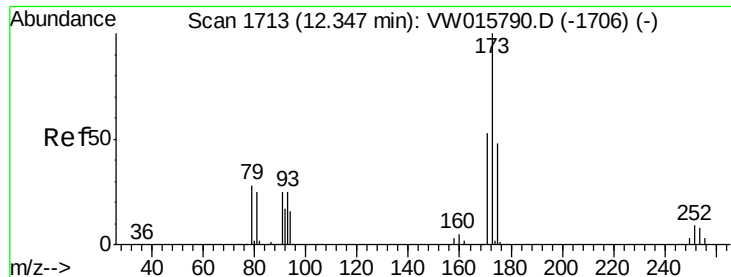
Tot Ion:106 Resp: 15737
Ion Ratio Lower Upper
106 100
91 219.8 108.5 325.3



#70
Styrene
Concen: 4.086 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:104 Resp: 26596
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.4
103 54.7 43.8 65.8





#71

Bromoform

Concen: 3.967 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

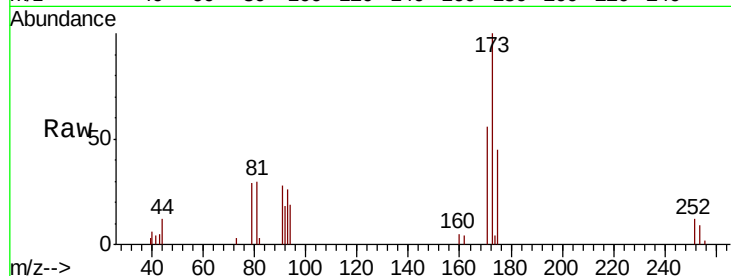
Tot Ion:173 Resp: 3817

Ion Ratio Lower Upper

173 100

175 46.6 23.5 70.5

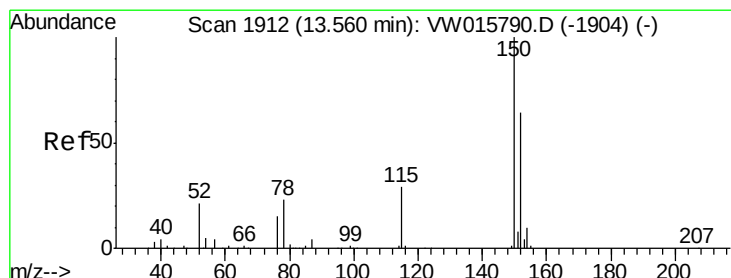
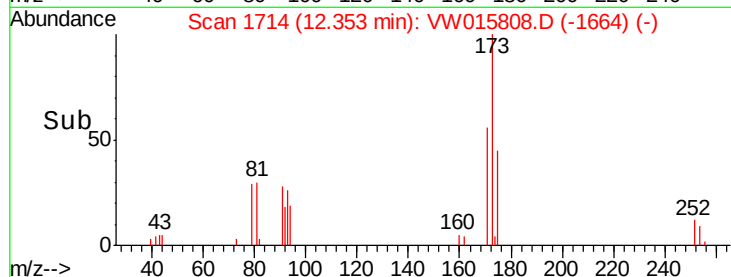
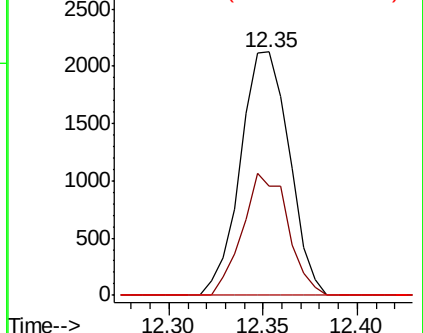
254 0.0 0.0 0.0



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: VW015808.D

Acq: 08 Jul 2020 14:42

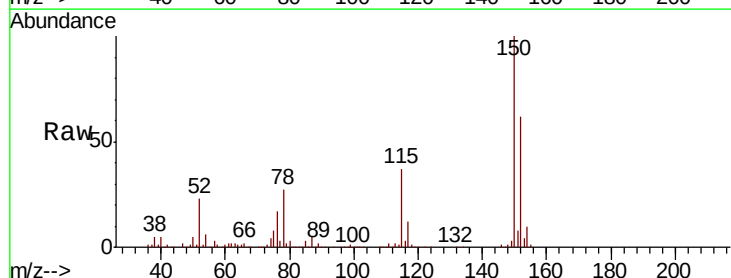
Tgt Ion:152 Resp: 146722

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.7

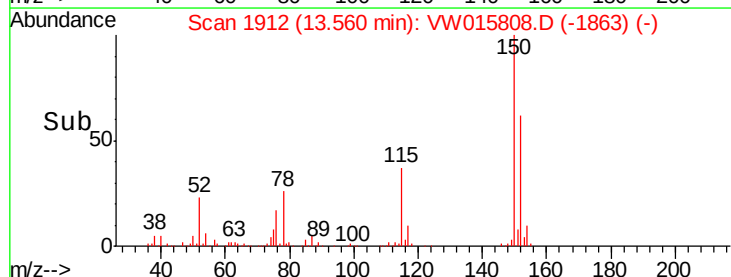
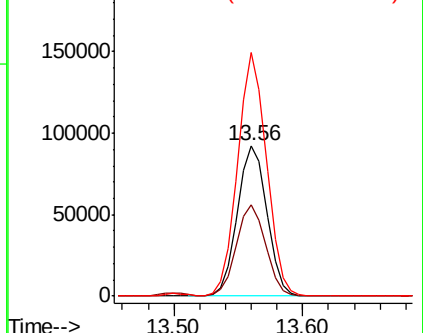
150 158.6 0.0 350.8

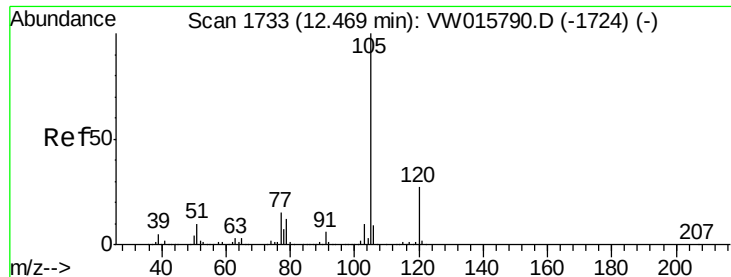


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.262 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

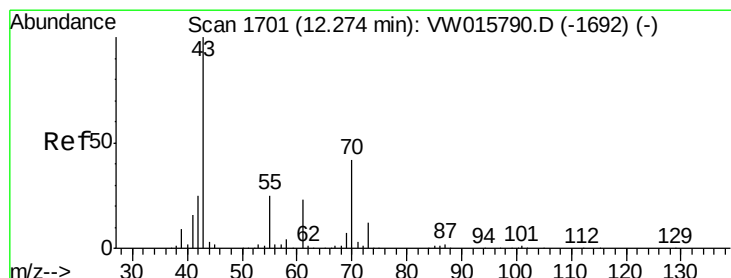
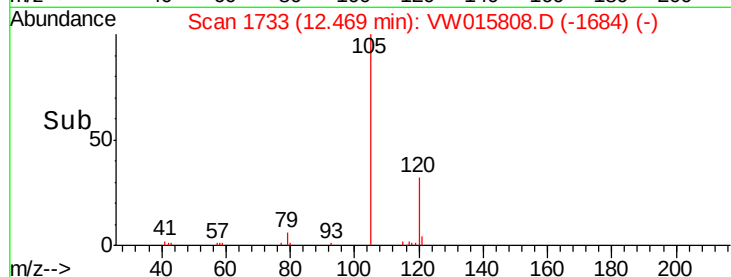
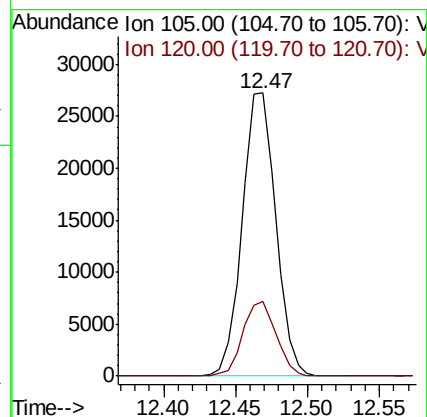
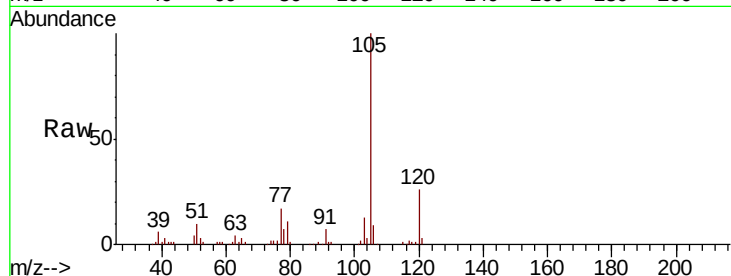
TP-8-S1

Tot Ion:105 Resp: 44055

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 4.143 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Tgt Ion: 43 Resp: 9161

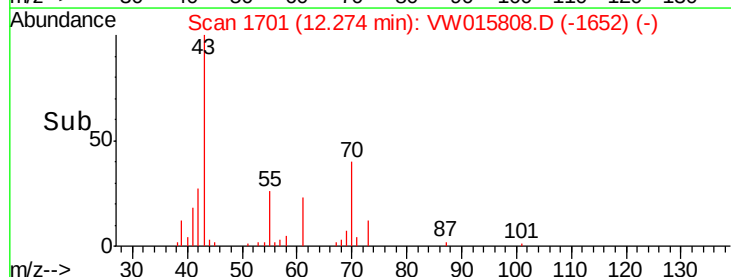
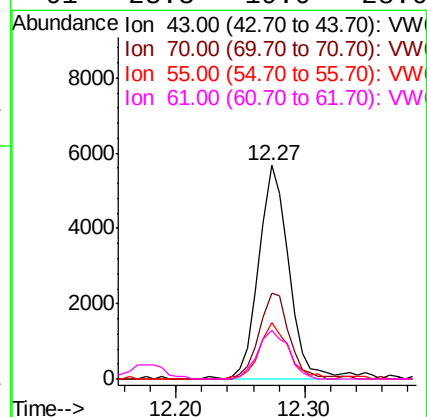
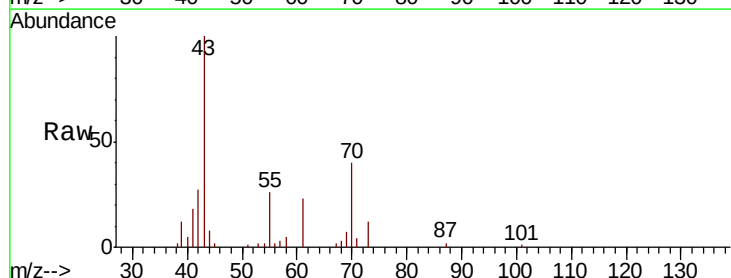
Ion Ratio Lower Upper

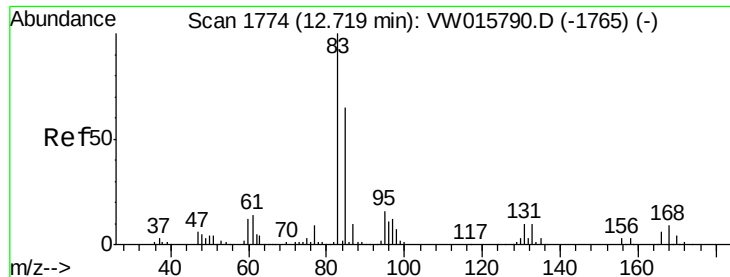
43 100

70 40.3 34.1 51.1

55 25.4 20.0 30.0

61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.650 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

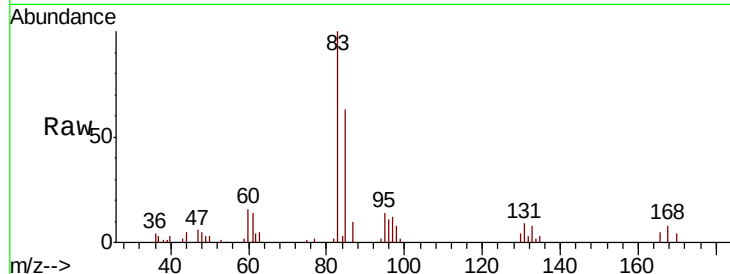
Tot Ion: 83 Resp: 7987

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

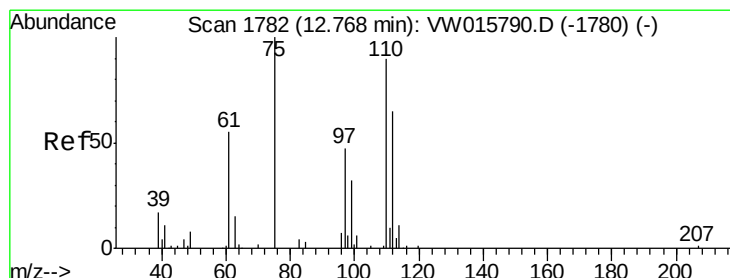
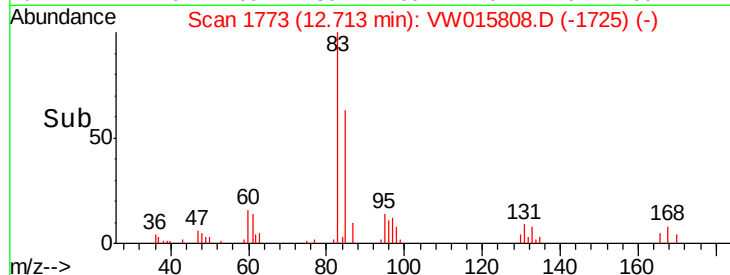
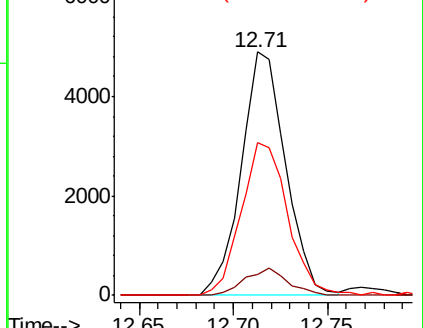
85 65.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 7.842 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015808.D

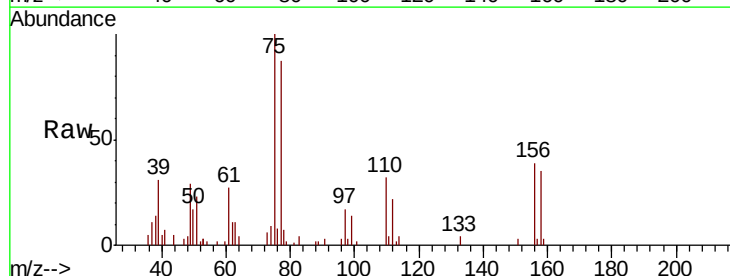
Acq: 08 Jul 2020 14:42

Tgt Ion: 75 Resp: 10112

Ion Ratio Lower Upper

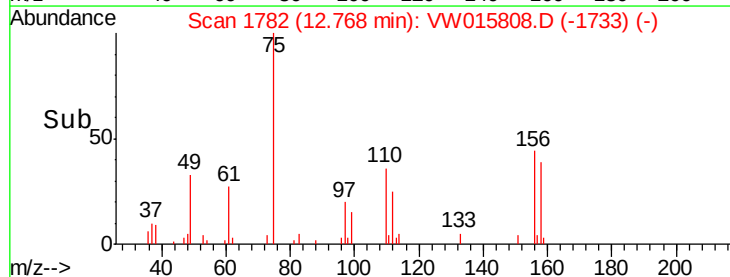
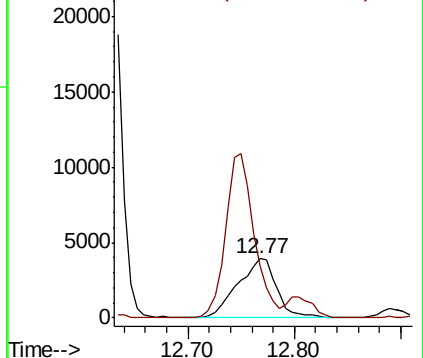
75 100

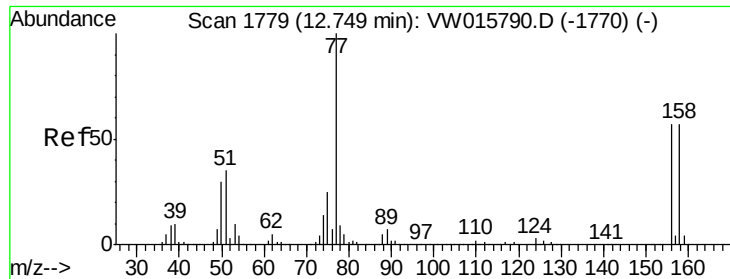
77 202.7 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.646 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

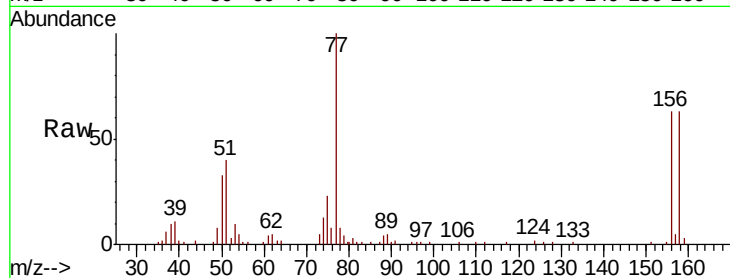
Tot Ion:156 Resp: 10768

Ion Ratio Lower Upper

156 100

77 190.3 98.8 296.4

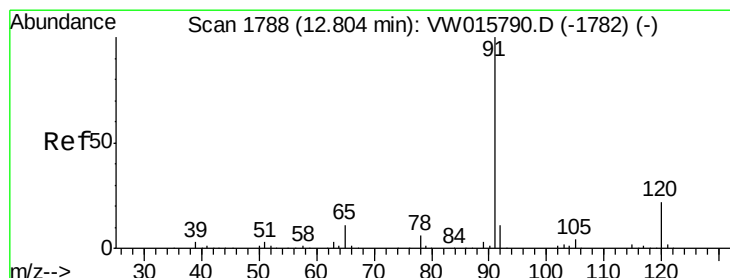
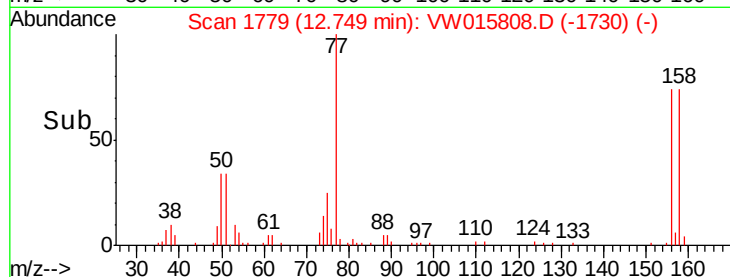
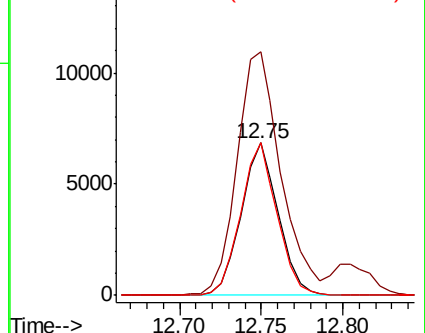
158 98.6 50.0 149.8



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: 4.405 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015808.D

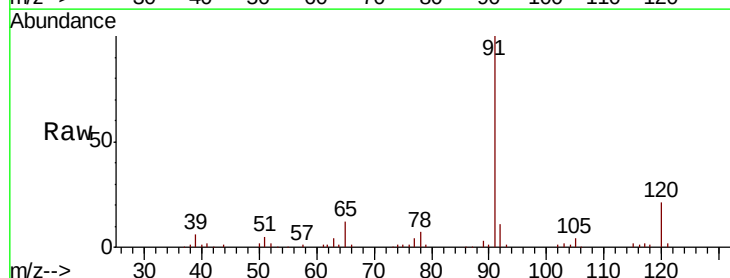
Acq: 08 Jul 2020 14:42

Tgt Ion: 91 Resp: 55263

Ion Ratio Lower Upper

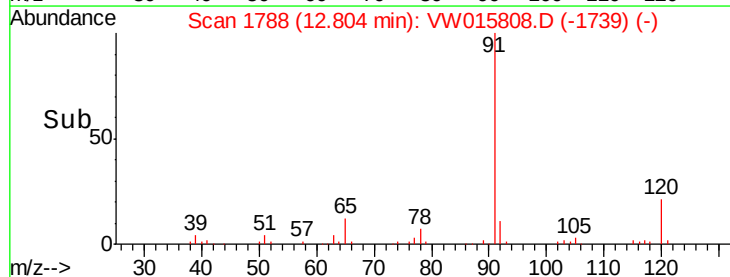
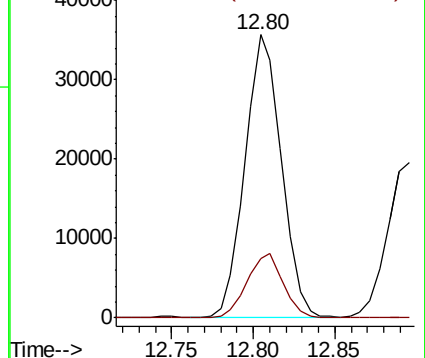
91 100

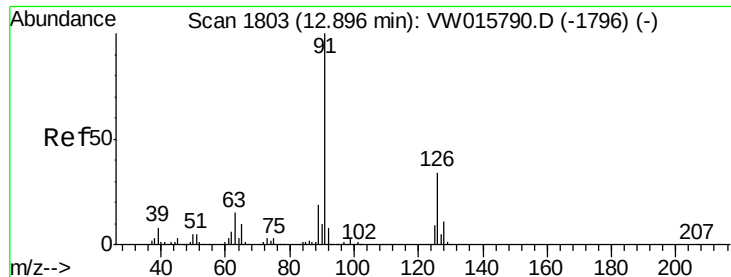
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampled :

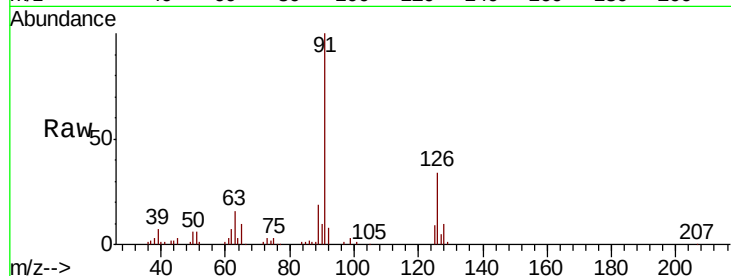
TP-8-S1

Tot Ion: 91 Resp: 31941

Ion Ratio Lower Upper

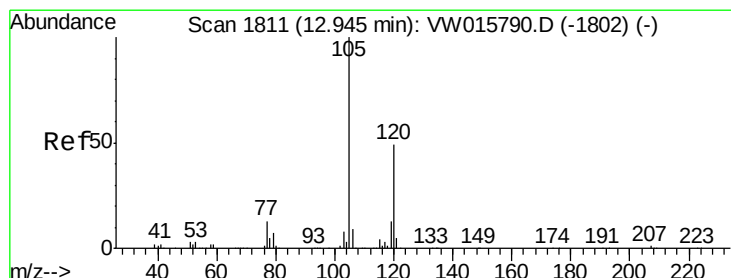
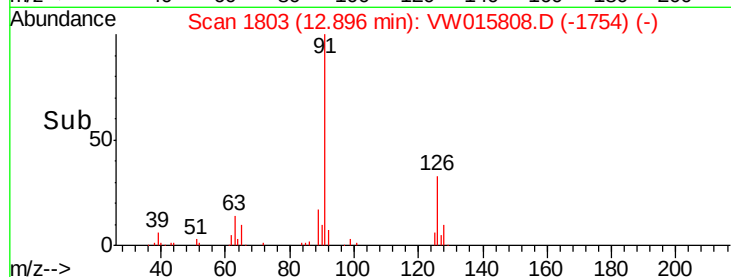
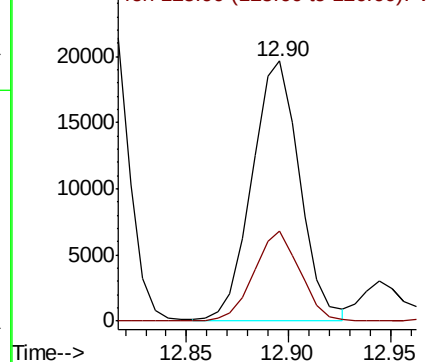
91 100

126 33.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW015790.D (-1796) (-)

Ion 125.90 (125.60 to 126.60): VW015790.D (-1796) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.277 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015808.D

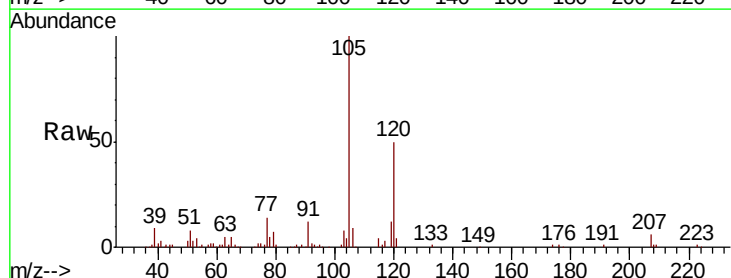
Acq: 08 Jul 2020 14:42

Tgt Ion:105 Resp: 37677

Ion Ratio Lower Upper

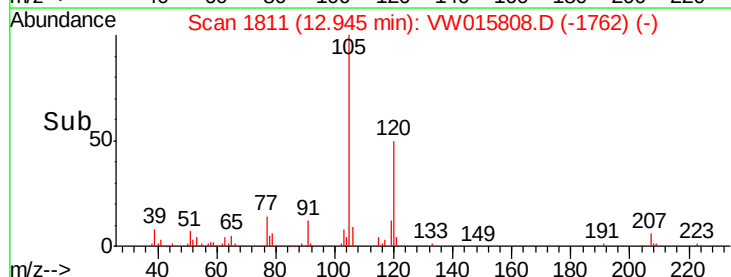
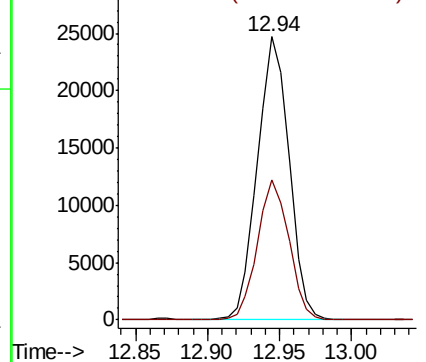
105 100

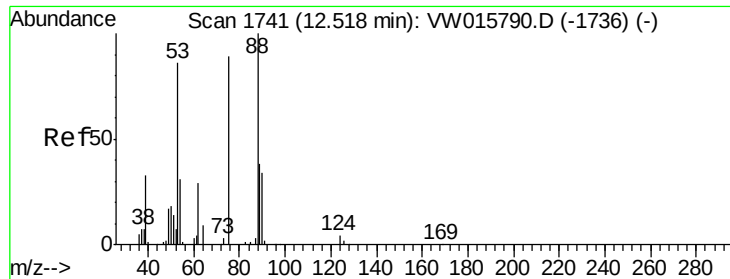
120 48.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VW015790.D (-1802) (-)

Ion 120.00 (119.70 to 120.70): VW015790.D (-1802) (-)

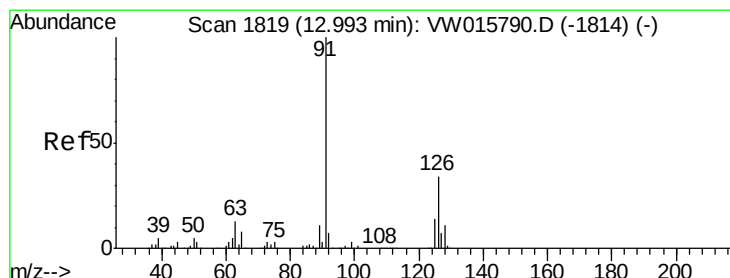
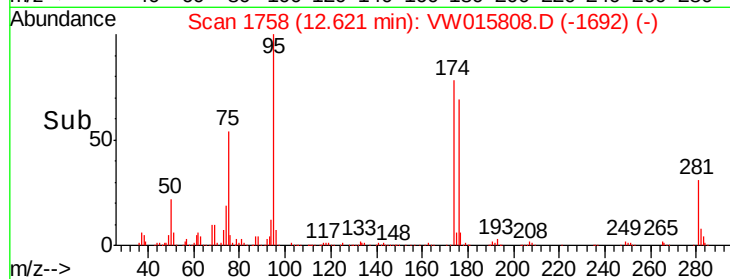
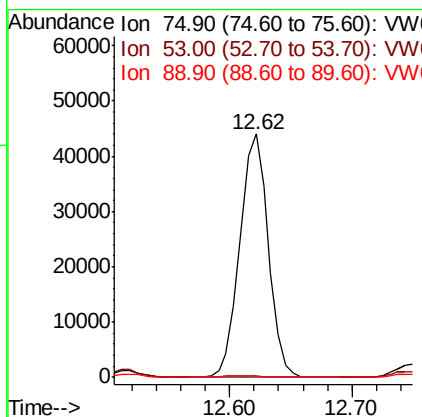
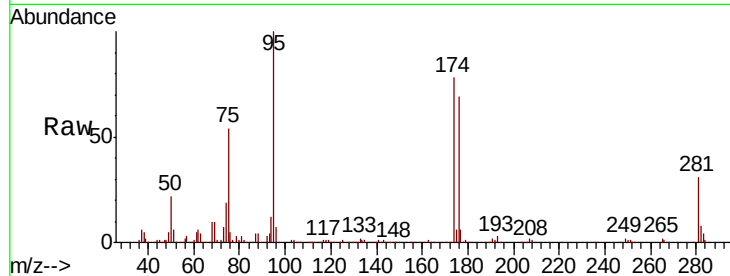




#81
trans-1,4-Dichloro-2-butene
Concen: 140.500 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

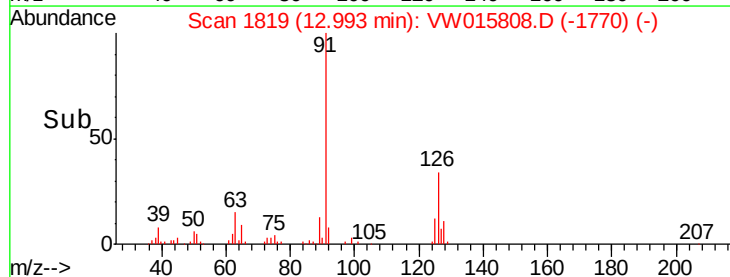
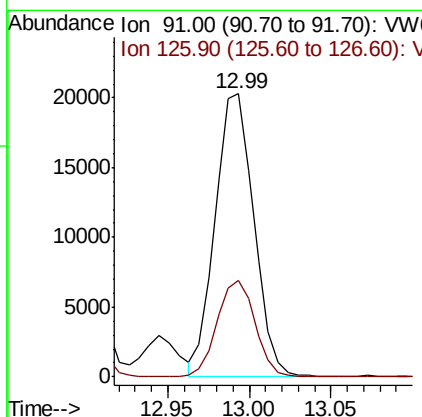
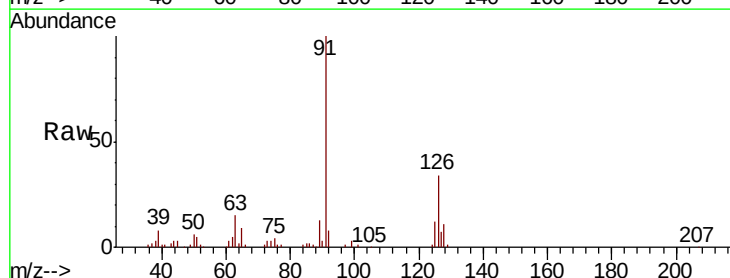
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

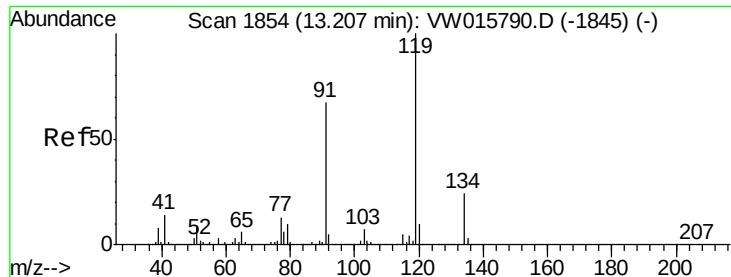
Tot Ion: 75 Resp: 70884
Ion Ratio Lower Upper
75 100
53 0.0 85.9 128.9#
89 0.7 36.2 54.4#



#82
4-Chlorotoluene
Concen: 4.510 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion: 91 Resp: 33694
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

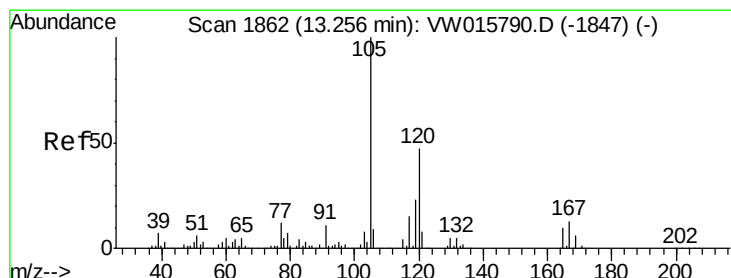
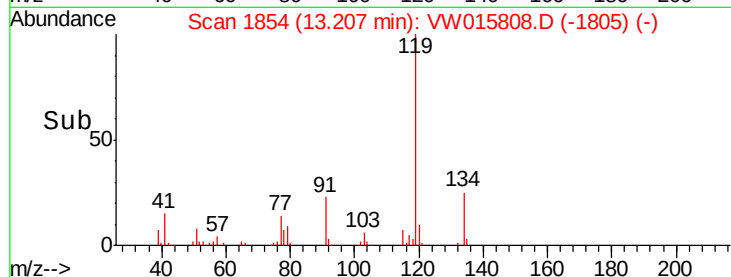
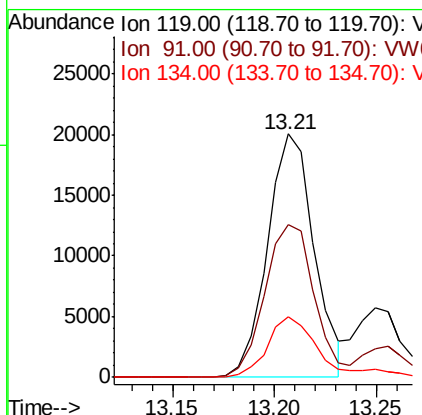
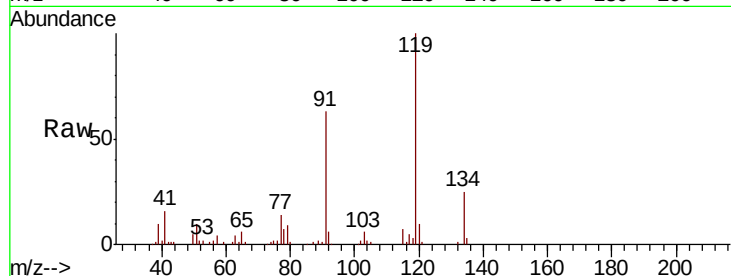




#83
tert-Butylbenzene
Concen: 4.376 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

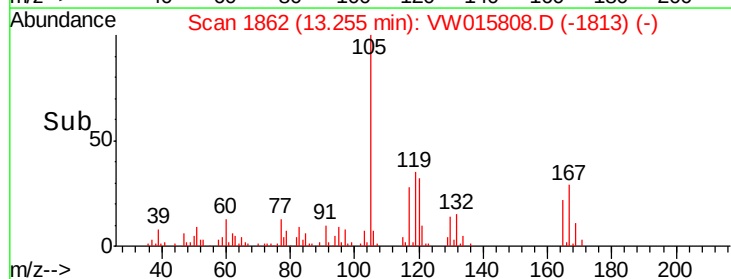
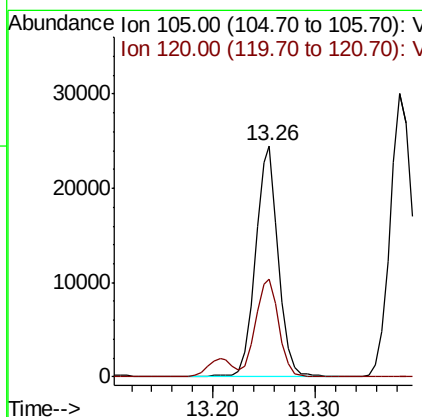
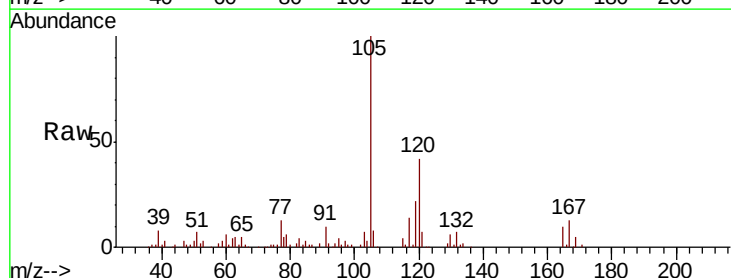
Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

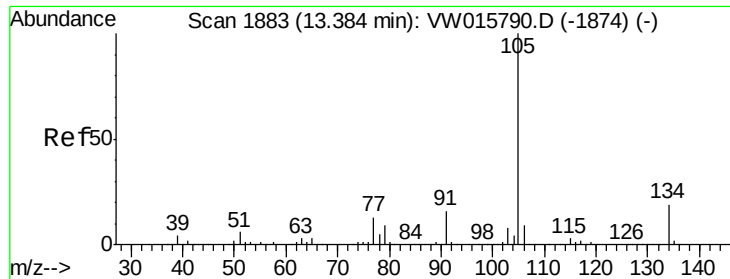
Tot Ion:119 Resp: 32002
Ion Ratio Lower Upper
119 100
91 67.2 34.4 103.3
134 28.0 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 4.319 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:105 Resp: 37997
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4

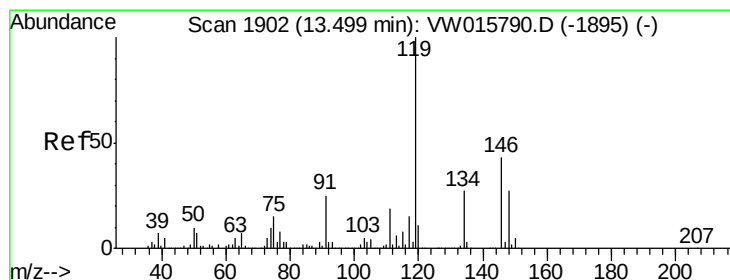
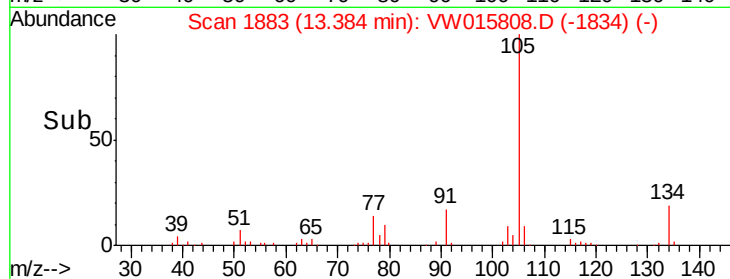
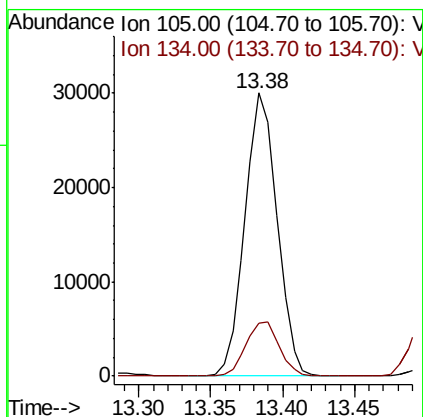
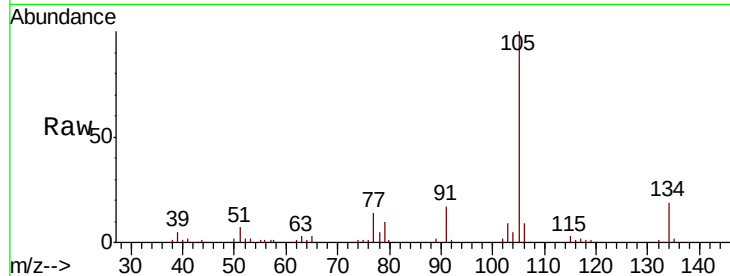




#85
 sec-Butylbenzene
 Concen: 4.404 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

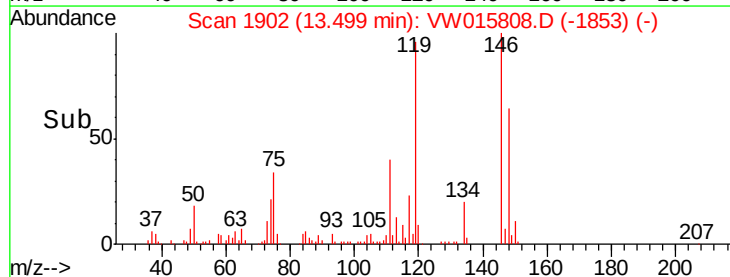
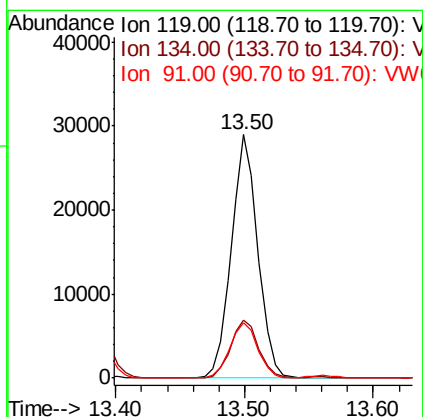
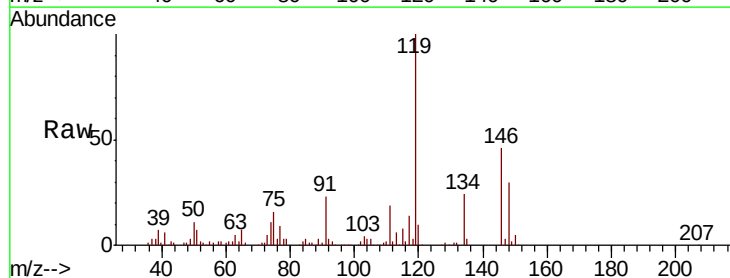
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

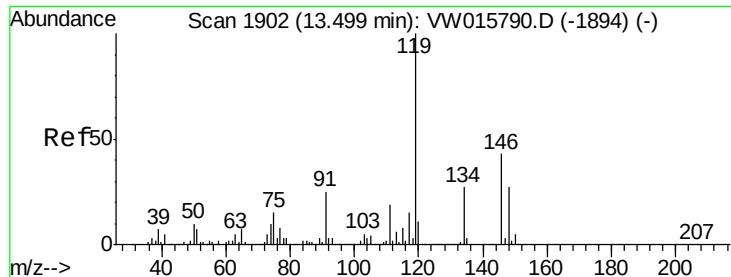
Tot Ion:105 Resp: 46517
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.292 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion:119 Resp: 41400
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.2 39.6
 91 24.2 12.2 36.6

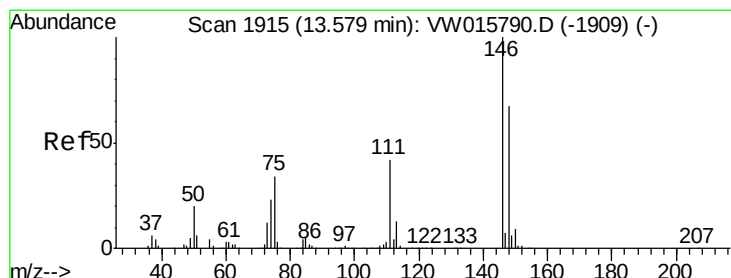
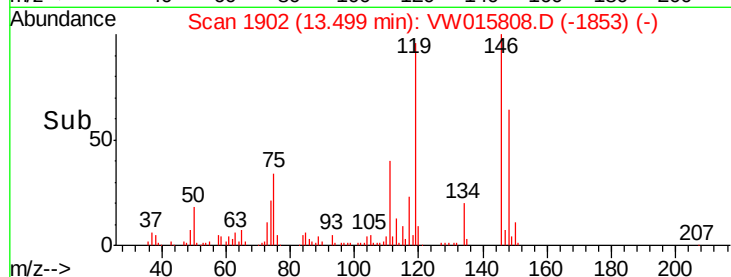
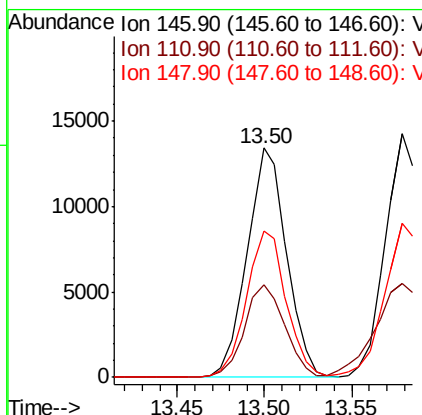
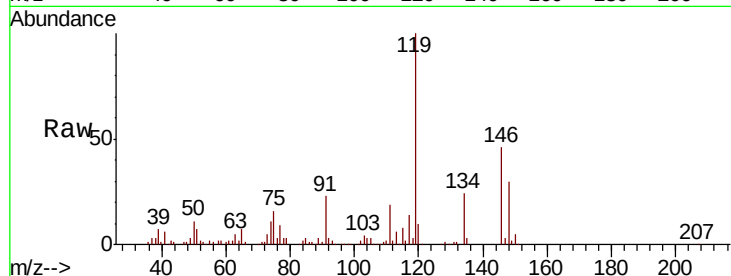




#87
 1,3-Dichlorobenzene
 Concen: 4.527 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

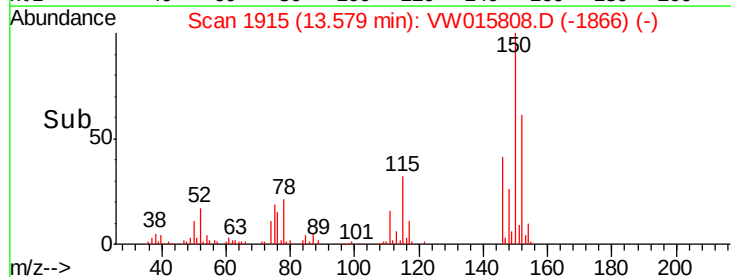
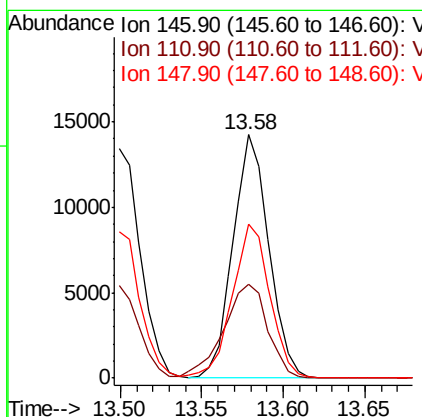
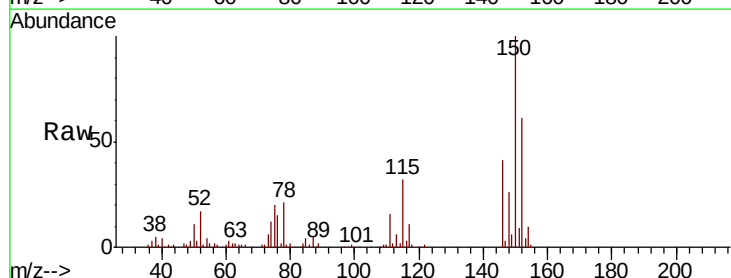
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

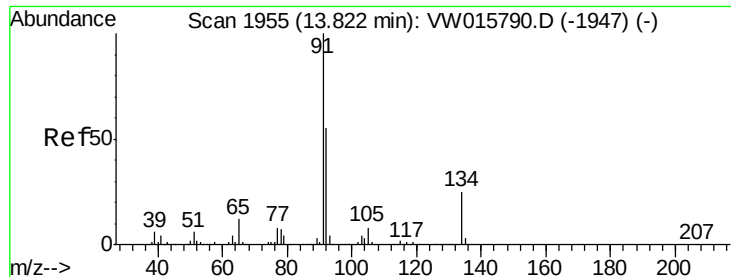
Tot Ion:146 Resp: 21032
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.4
 148 64.2 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 4.803 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion:146 Resp: 21847
 Ion Ratio Lower Upper
 146 100
 111 47.4 20.2 60.6
 148 66.2 31.8 95.4





#89

n-Butylbenzene

Concen: 4.185 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VW015808.D

Acq: 08 Jul 2020 14:42

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

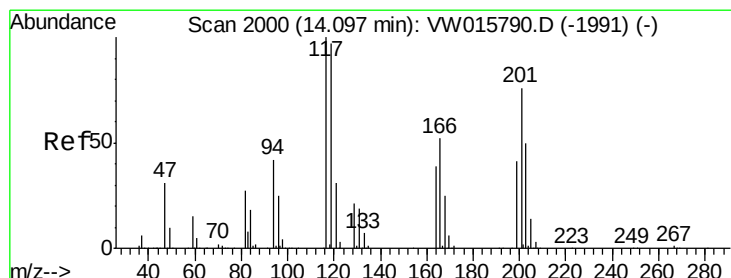
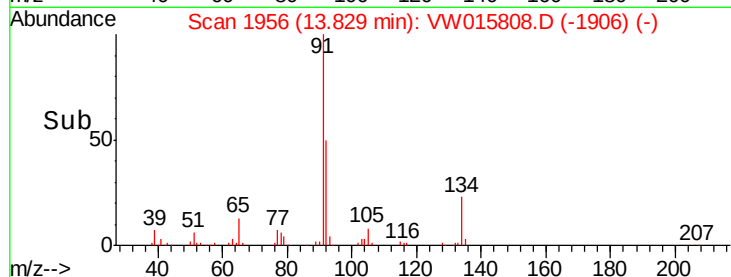
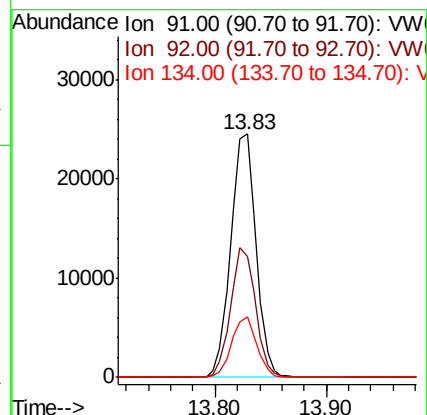
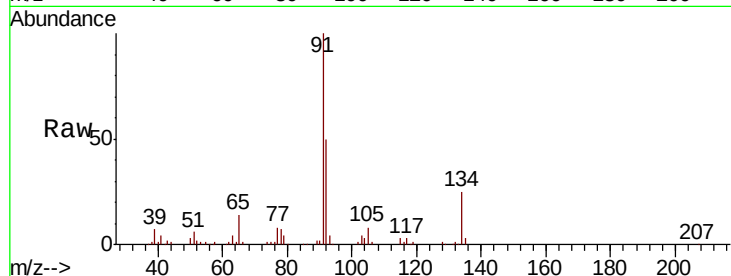
Tot Ion: 91 Resp: 38632

Ion Ratio Lower Upper

91 100

92 52.1 27.2 81.6

134 24.6 12.7 38.1



#90

Hexachloroethane

Concen: 4.180 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015808.D

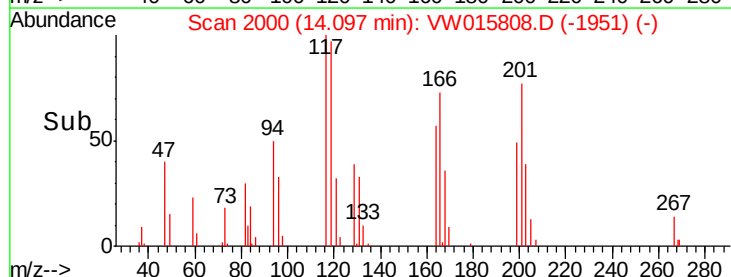
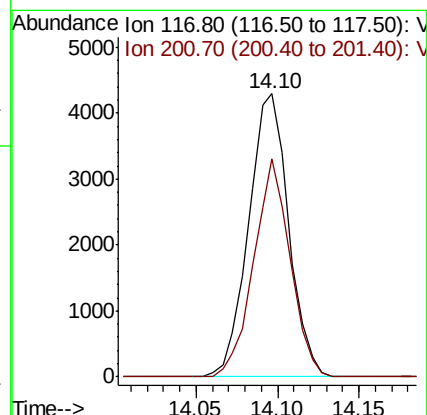
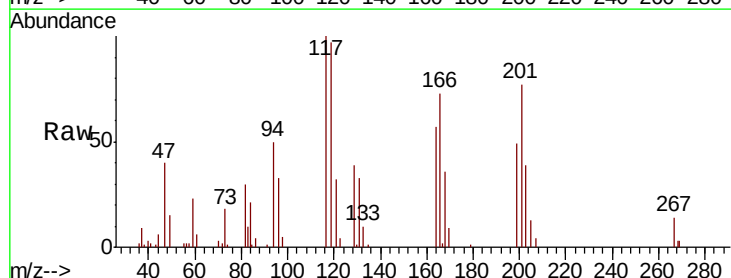
Acq: 08 Jul 2020 14:42

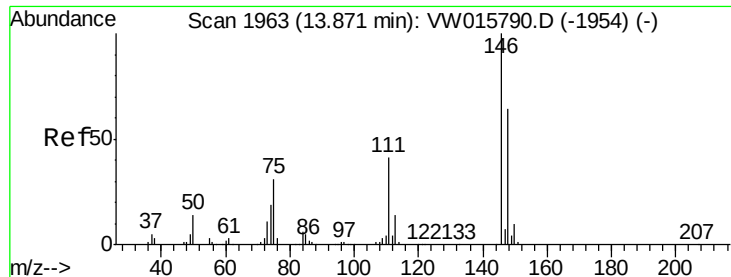
Tgt Ion: 117 Resp: 7307

Ion Ratio Lower Upper

117 100

201 70.2 37.1 111.3

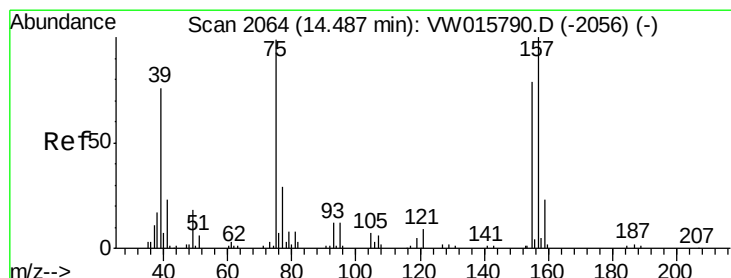
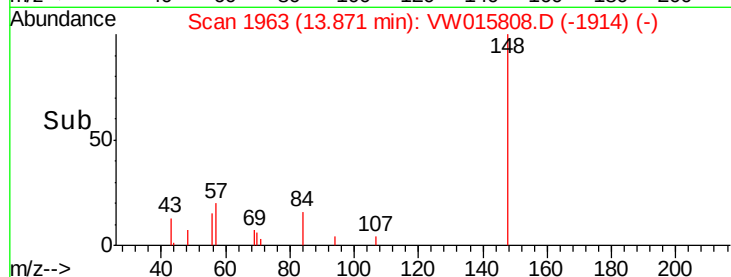
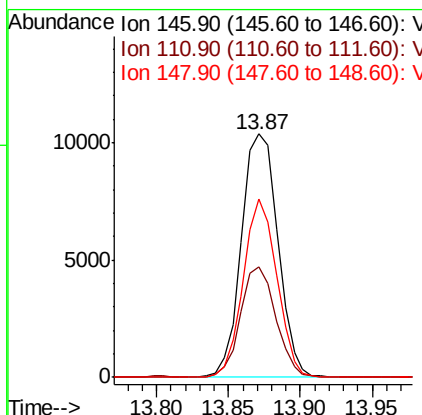
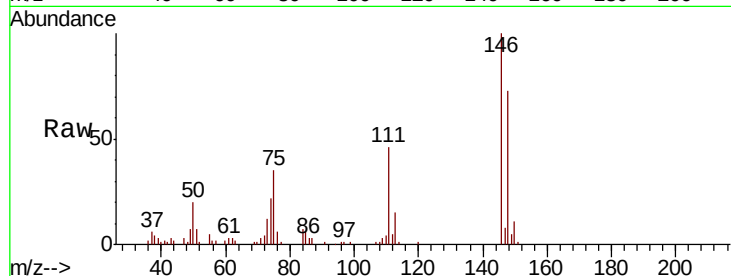




#91
 1,2-Dichlorobenzene
 Concen: 4.521 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

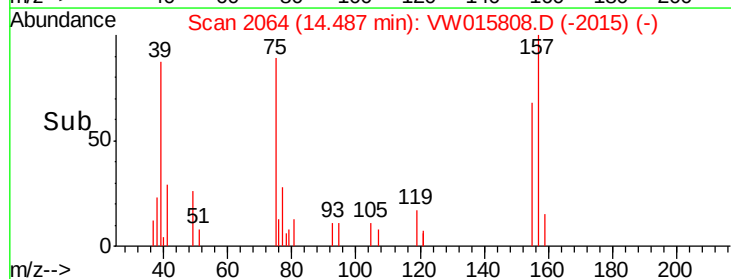
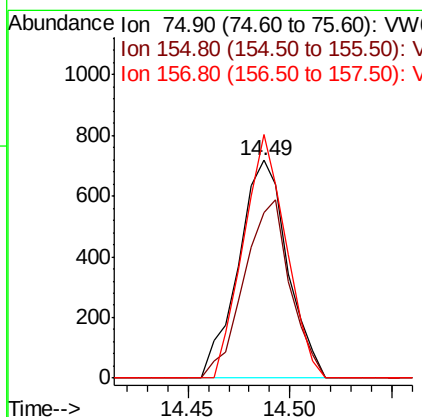
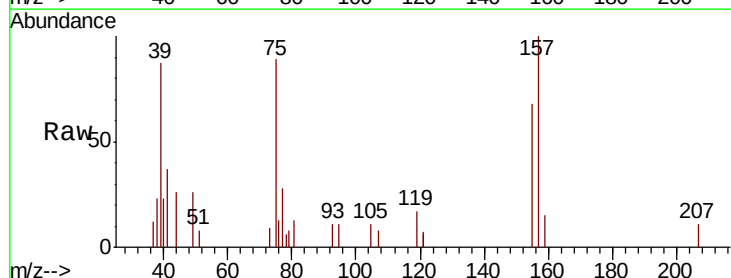
Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

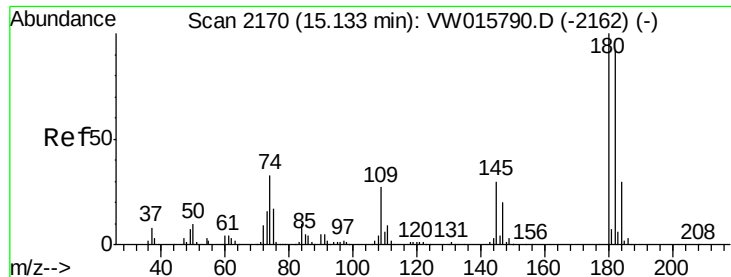
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.6	61.9
148	67.1	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.380 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.1	117.5
157	97.5	49.1	147.4

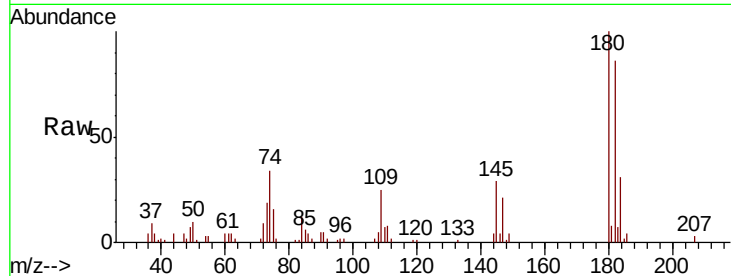




#93
 1,2,4-Trichlorobenzene
 Concen: 4.330 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	46.8	140.3
145	30.1	15.4	46.4

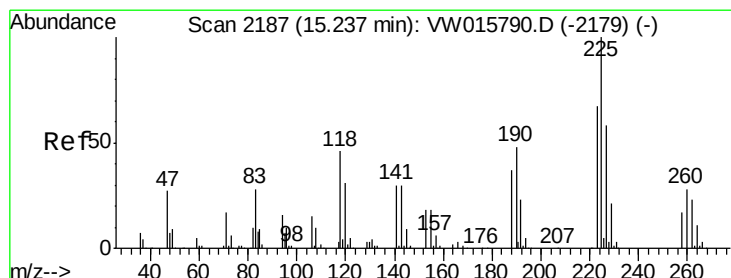
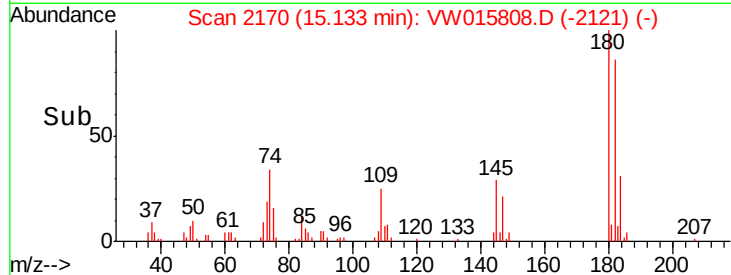
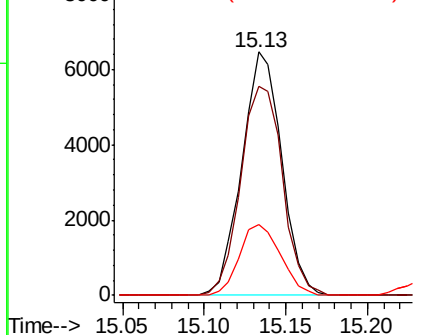


Abundance

Ion 179.80 (179.50 to 180.50): V

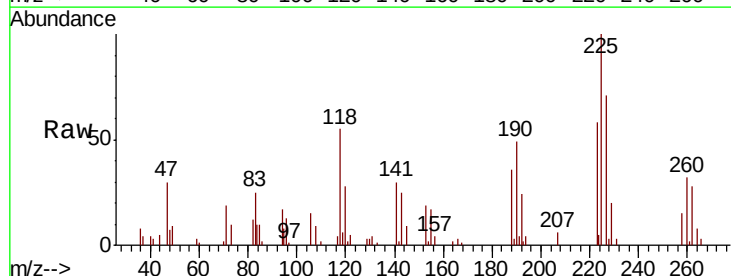
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 4.491 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015808.D
 Acq: 08 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.4	97.2
227	64.1	30.7	92.1

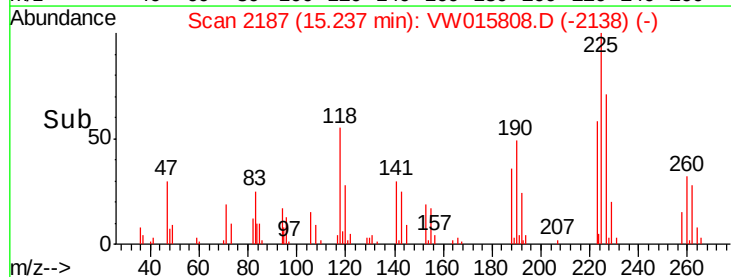
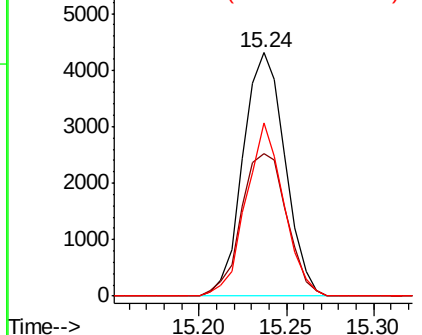


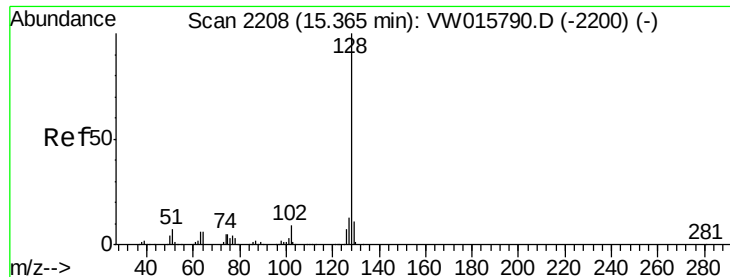
Abundance

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

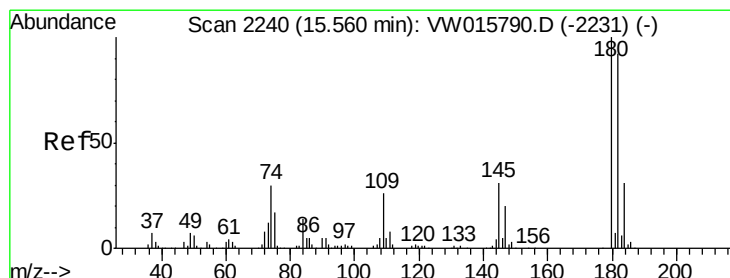
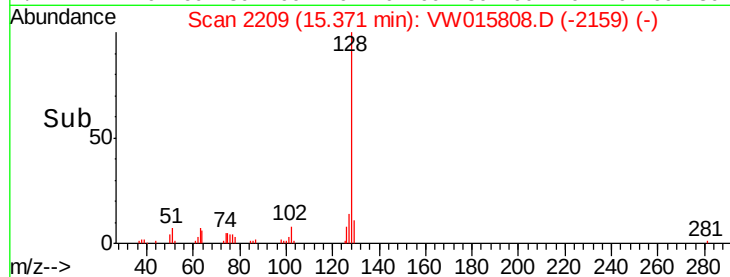
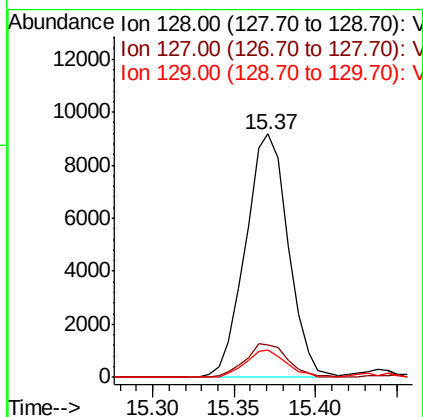
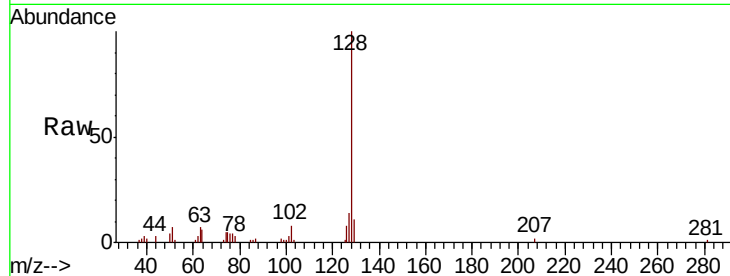




#95
Naphthalene
Concen: 3.949 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion:128 Resp: 16751
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.499 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015808.D
Acq: 08 Jul 2020 14:42

Tgt Ion:180 Resp: 9714
Ion Ratio Lower Upper
180 100
182 93.0 47.7 143.1
145 35.3 16.7 50.0

