

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015787.D
 Acq On : 07 Jul 2020 11:07
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 08 08:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12005	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	
35) Dibromofluoromethane	7.89	113	10326	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
50) Toluene-d8	10.33	98	38048	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
62) 4-Bromofluorobenzene	12.62	95	13754	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	5077	4.624	ug/l 92
3) Chloromethane	2.21	50	8677	5.918	ug/l # 88
4) Vinyl Chloride	2.36	62	11974	5.277	ug/l 98
5) Bromomethane	2.78	94	9083	5.148	ug/l 87
6) Chloroethane	2.93	64	7784	5.068	ug/l 98
7) Trichlorofluoromethane	3.26	101	7555	4.659	ug/l 92
8) Diethyl Ether	3.68	74	5032	4.938	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9217	4.783	ug/l 95
10) Methyl Iodide	4.27	142	13217	4.996	ug/l 100
11) Tert butyl alcohol	5.17	59	3869	38.173	ug/l # 85
12) 1,1-Dichloroethene	4.04	96	9405	5.009	ug/l 94
13) Acrolein	3.90	56	3908	26.833	ug/l 98
14) Allyl chloride	4.67	41	14595	4.791	ug/l 96
15) Acrylonitrile	5.37	53	9196	23.401	ug/l 93
16) Acetone	4.12	43	10709	27.441	ug/l # 89
17) Carbon Disulfide	4.38	76	27815	4.981	ug/l 98
18) Methyl Acetate	4.68	43	4636	5.235	ug/l 94
19) Methyl tert-butyl Ether	5.43	73	13432	4.832	ug/l 94
20) Methylene Chloride	4.91	84	14425	6.139	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	10654	4.929	ug/l 93
22) Diisopropyl ether	6.32	45	28102	4.590	ug/l 91
23) Vinyl Acetate	6.26	43	78876	21.784	ug/l 99
24) 1,1-Dichloroethane	6.23	63	19398	5.000	ug/l 99
25) 2-Butanone	7.18	43	13221	24.894	ug/l 94
26) 2,2-Dichloropropane	7.17	77	13414	5.534	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	11140	4.777	ug/l 91
28) Bromochloromethane	7.52	49	7896	5.119	ug/l 97
29) Tetrahydrofuran	7.54	42	7413	23.100	ug/l 98
30) Chloroform	7.68	83	20103	5.075	ug/l 100
31) Cyclohexane	7.96	56	20861	5.691	ug/l # 81
32) 1,1,1-Trichloroethane	7.88	97	16611	5.009	ug/l 98
36) 1,1-Dichloropropene	8.09	75	15617	4.854	ug/l 99
37) Ethyl Acetate	7.26	43	6496	5.361	ug/l # 95
38) Carbon Tetrachloride	8.07	117	15322	4.954	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015787.D
 Acq On : 07 Jul 2020 11:07
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 08 08:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17168	4.511	ug/l	100
40) Benzene	8.33	78	42937	4.883	ug/l	99
41) Methacrylonitrile	7.49	41	2987	4.269	ug/l	96
42) 1,2-Dichloroethane	8.40	62	13783	5.060	ug/l	98
43) Isopropyl Acetate	8.43	43	11558	4.794	ug/l	98
44) Trichloroethene	9.10	130	11445	4.921	ug/l	97
45) 1,2-Dichloropropane	9.37	63	10582	4.910	ug/l	99
46) Dibromomethane	9.46	93	5336	4.800	ug/l	98
47) Bromodichloromethane	9.65	83	13379	4.640	ug/l #	96
48) Methyl methacrylate	9.44	41	4666	4.101	ug/l #	89
49) 1,4-Dioxane	9.45	88	1074	76.206	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	26839	22.764	ug/l	97
52) Toluene	10.39	92	26659	4.745	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	11631	4.214	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	14585	4.419	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	7367	4.765	ug/l	95
56) Ethyl methacrylate	10.65	69	7658	4.047	ug/l	93
57) 1,3-Dichloropropane	10.93	76	13050	4.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	22153	24.392	ug/l	100
59) 2-Hexanone	10.97	43	16508	20.908	ug/l	99
60) Dibromochloromethane	11.13	129	7752	4.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	6975	4.755	ug/l	94
64) Tetrachloroethene	10.87	164	9415	4.986	ug/l	95
65) Chlorobenzene	11.66	112	28168	4.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	9435	4.563	ug/l	98
67) Ethyl Benzene	11.73	91	49804	4.603	ug/l	99
68) m/p-Xylenes	11.84	106	36259	8.930	ug/l	98
69) o-Xylene	12.16	106	16303	4.407	ug/l	99
70) Styrene	12.18	104	26714	4.195	ug/l	99
71) Bromoform	12.35	173	3957	4.204	ug/l #	95
73) Isopropylbenzene	12.47	105	45107	4.485	ug/l	99
74) N-amyl acetate	12.27	43	9272	4.348	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	7989	4.803	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	5906m	4.443	ug/l	
77) Bromobenzene	12.75	156	10953	4.885	ug/l	95
78) n-propylbenzene	12.80	91	55498	4.534	ug/l	100
79) 2-Chlorotoluene	12.90	91	32765	4.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	38563	4.501	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	1980	4.064	ug/l	90
82) 4-Chlorotoluene	12.99	91	34353	4.720	ug/l	99
83) tert-Butylbenzene	13.21	119	31672	4.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	37872	4.434	ug/l	99
85) sec-Butylbenzene	13.38	105	47537	4.629	ug/l	100
86) p-Isopropyltoluene	13.50	119	41286	4.411	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	21649	4.771	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	22020	4.987	ug/l	94
89) n-Butylbenzene	13.82	91	39299	4.371	ug/l	98
90) Hexachloroethane	14.09	117	7700	4.505	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	18792	4.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1223	4.608	ug/l	93

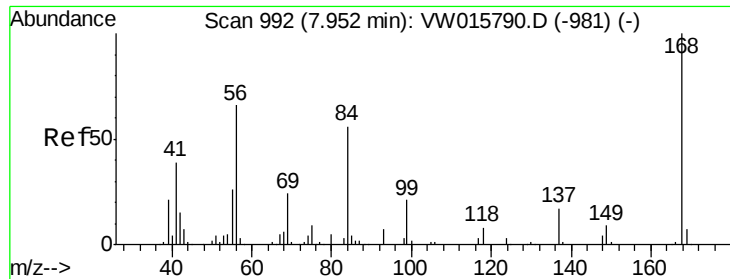
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
Data File : VW015787.D
Acq On : 07 Jul 2020 11:07
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jul 08 08:10:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 07:52:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	10787	4.383	ug/l	97
94) Hexachlorobutadiene	15.24	225	7397	4.734	ug/l	98
95) Naphthalene	15.37	128	15376	3.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	9505	4.572	ug/l	95

(#) = 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: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

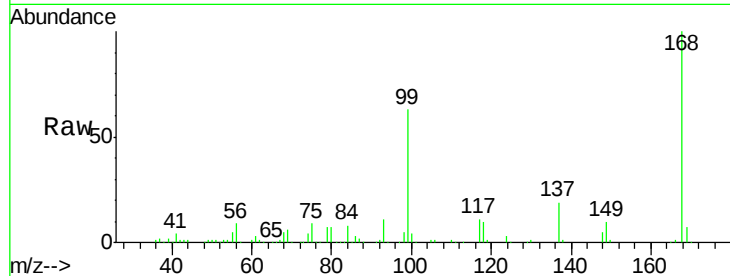
VSTDIC005

Tot Ion:168 Resp: 204339

Ion Ratio Lower Upper

168 100

99 62.9 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

80000

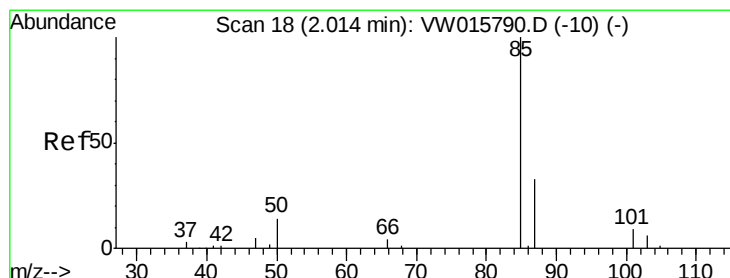
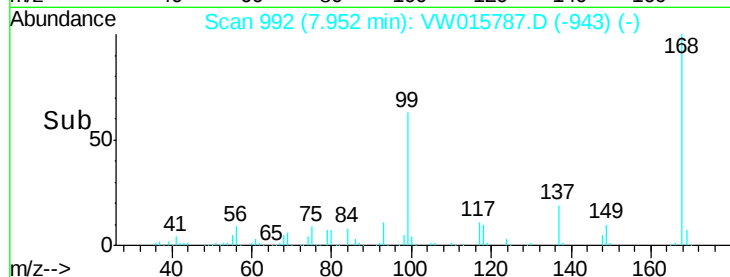
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.624 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015787.D

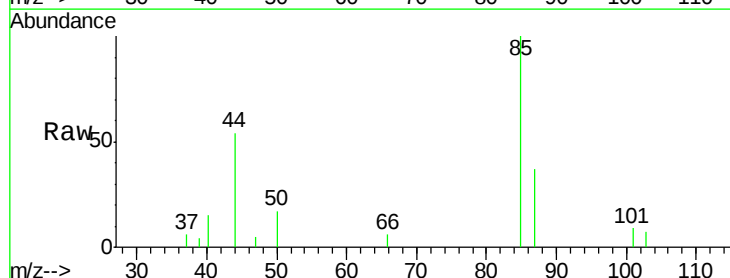
Acq: 07 Jul 2020 11:07

Tgt Ion: 85 Resp: 5077

Ion Ratio Lower Upper

85 100

87 37.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2000

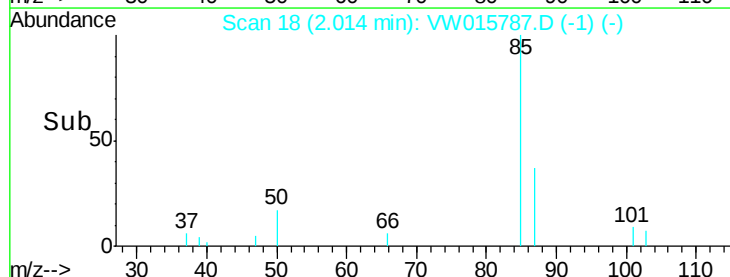
1500

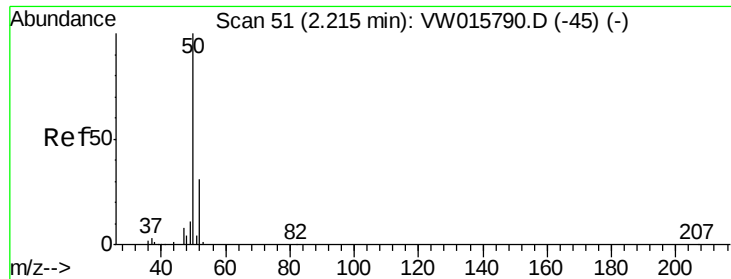
1000

500

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 5.918 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

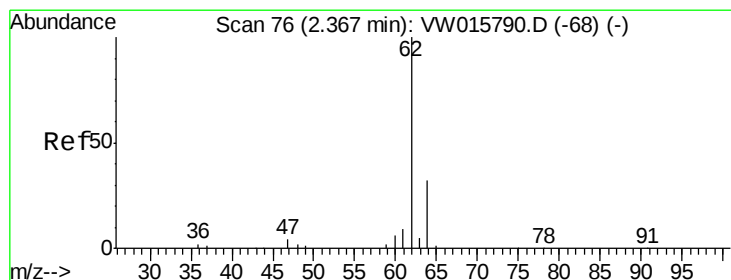
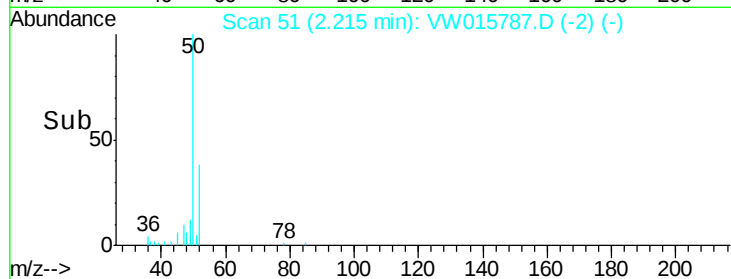
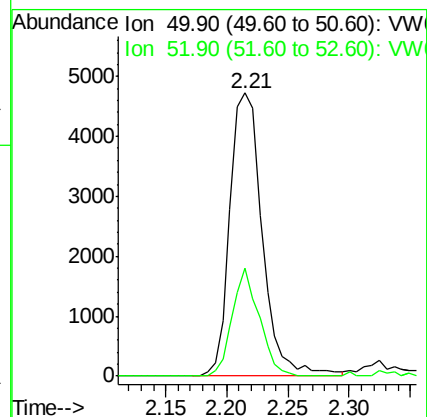
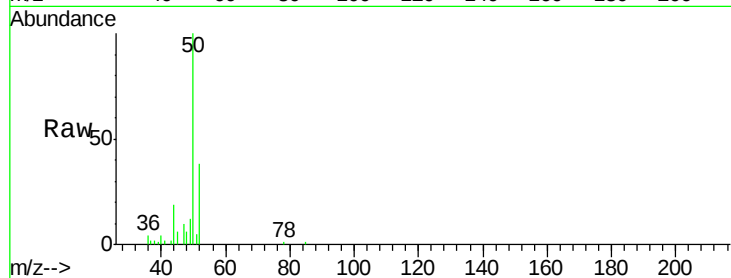
VSTDIC005

Tot Ion: 50 Resp: 8677

Ion Ratio Lower Upper

50 100

52 38.2 25.2 37.8#



#4

Vinyl Chloride

Concen: 5.277 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015787.D

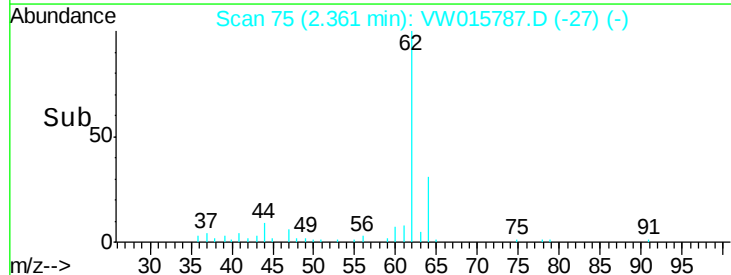
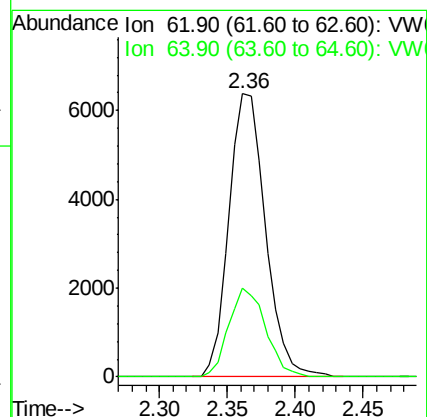
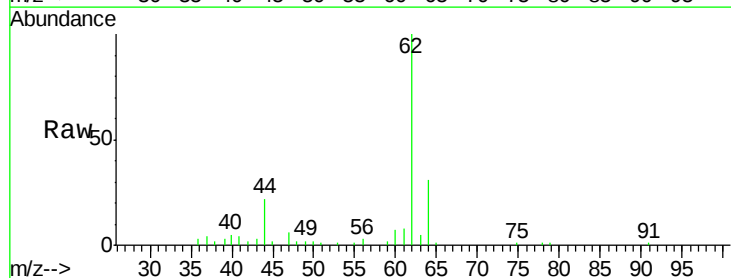
Acq: 07 Jul 2020 11:07

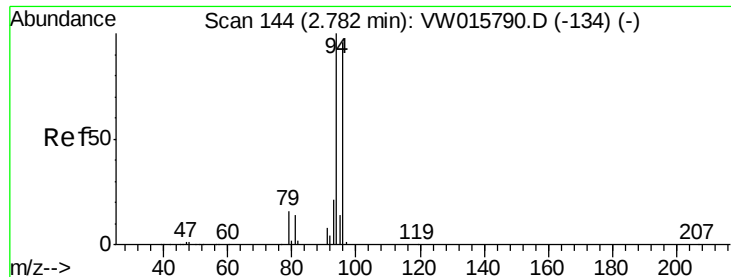
Tgt Ion: 62 Resp: 11974

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 5.148 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

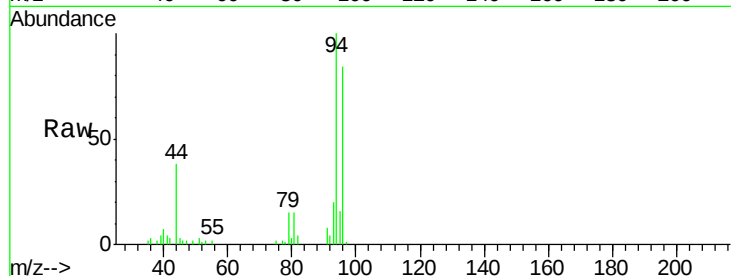
VSTDIC005

Tot Ion: 94 Resp: 9083

Ion Ratio Lower Upper

94 100

96 83.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

4000

3000

2000

1000

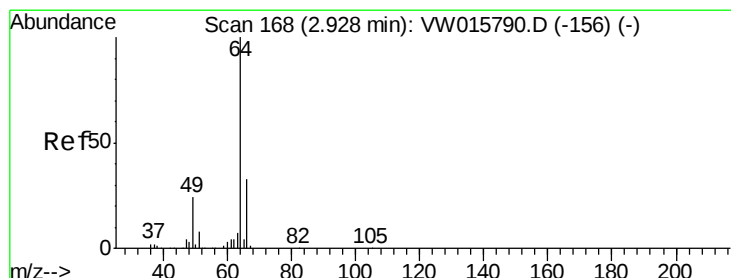
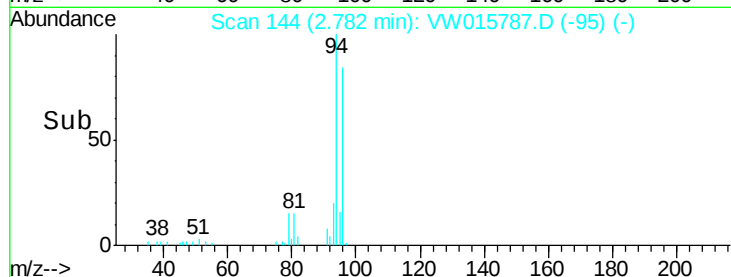
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 5.068 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015787.D

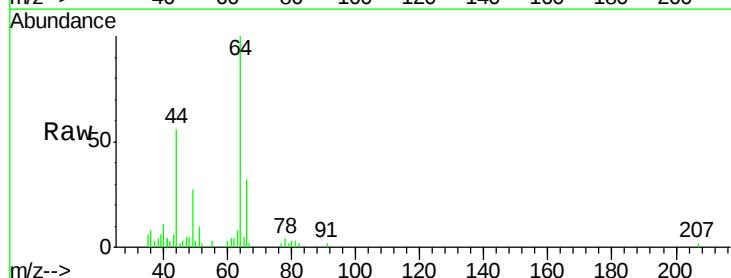
Acq: 07 Jul 2020 11:07

Tgt Ion: 64 Resp: 7784

Ion Ratio Lower Upper

64 100

66 31.6 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

3000

2000

1000

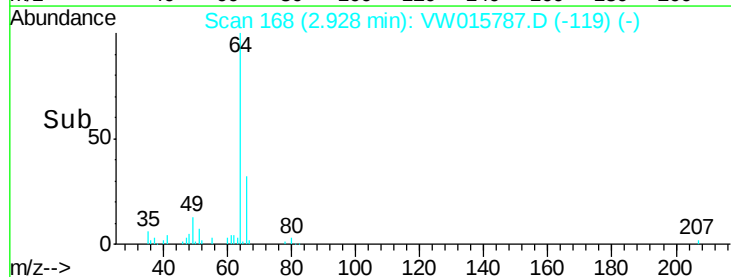
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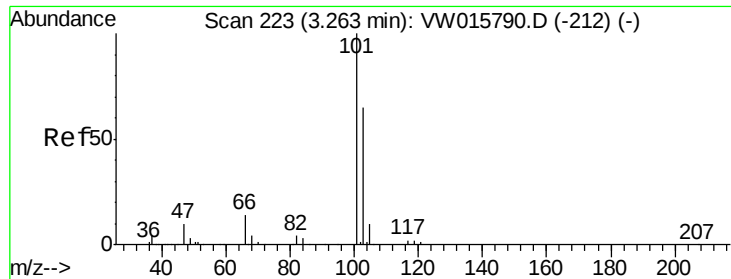
Time-->

2.80

2.90

3.00



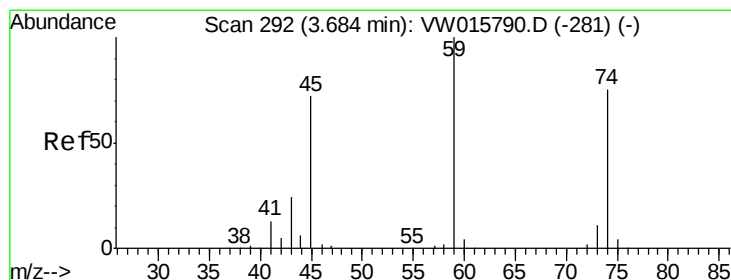
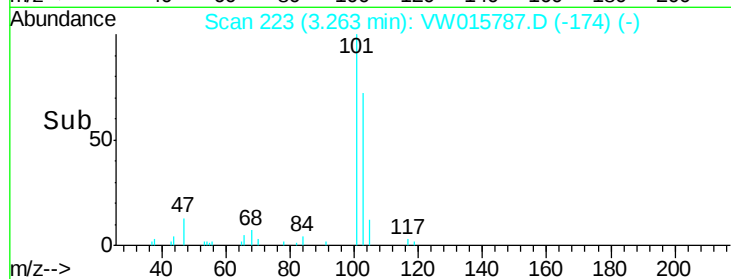
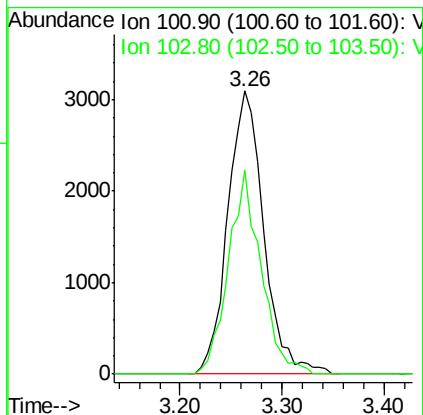
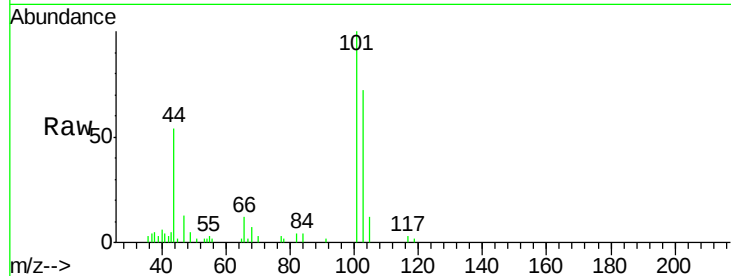


#7

Trichlorofluoromethane
 Concen: 4.659 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

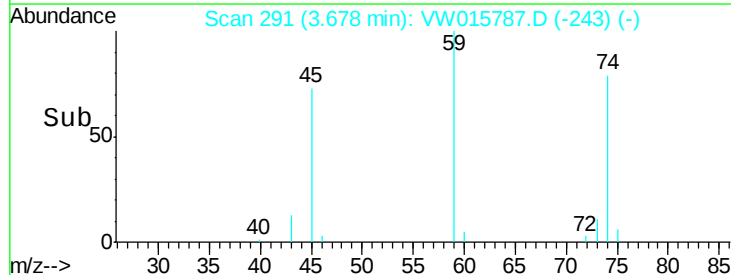
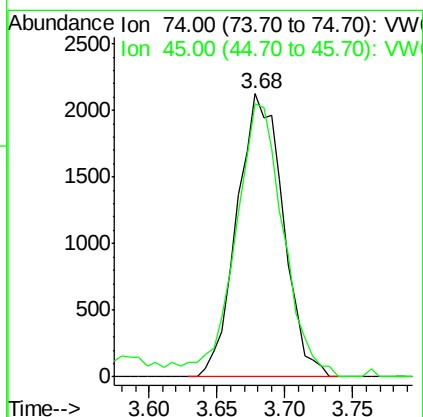
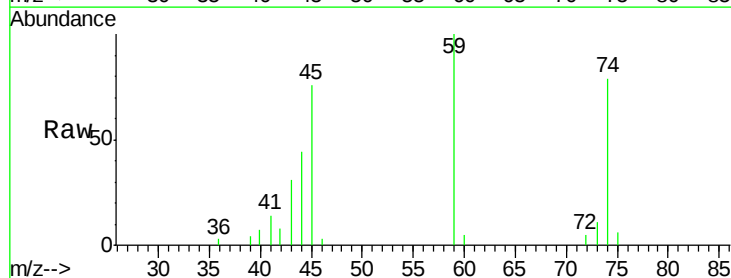
Tot Ion:101 Resp: 7555
 Ion Ratio Lower Upper
 101 100
 103 71.9 52.2 78.4

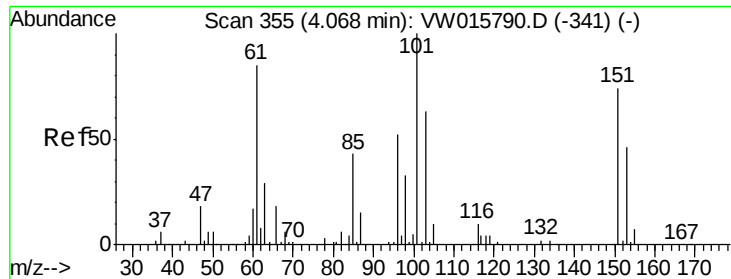


#8

Diethyl Ether
 Concen: 4.938 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 74 Resp: 5032
 Ion Ratio Lower Upper
 74 100
 45 100.2 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.783 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

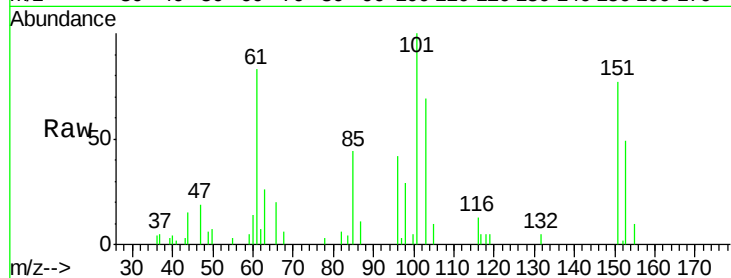
Tot Ion:101 Resp: 9217

Ion Ratio Lower Upper

101 100

85 50.0 36.1 54.1

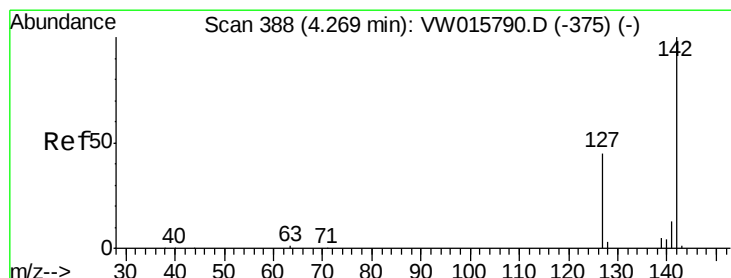
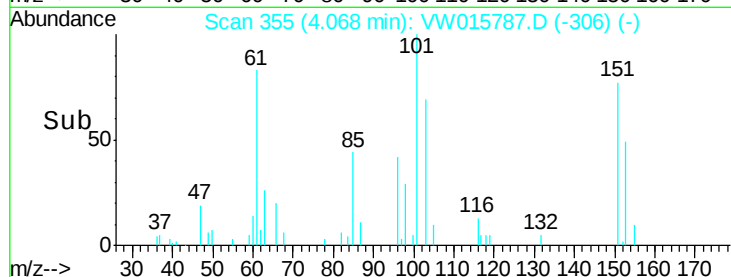
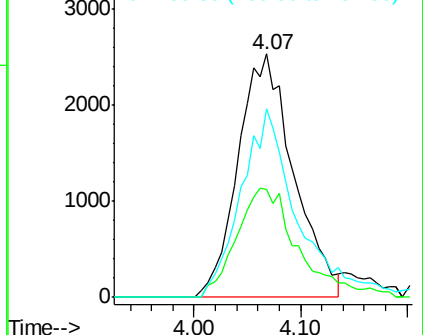
151 78.2 60.3 90.5



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: 4.996 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

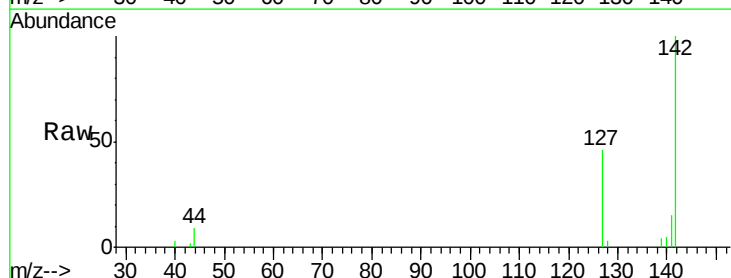
Tgt Ion:142 Resp: 13217

Ion Ratio Lower Upper

142 100

127 45.2 36.1 54.1

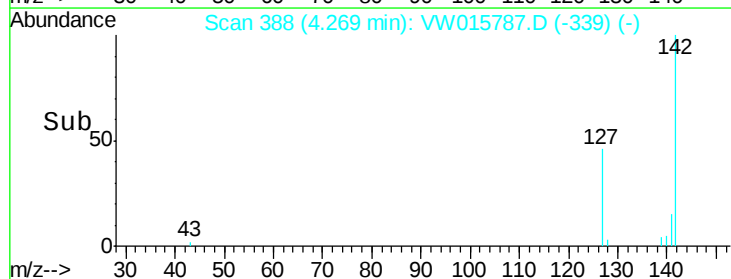
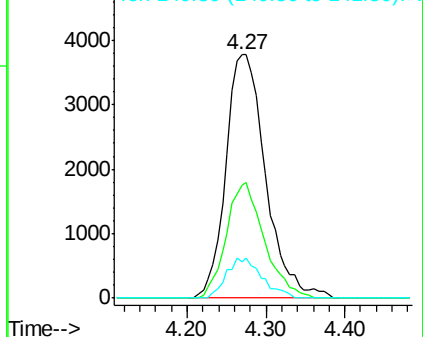
141 14.6 11.7 17.5

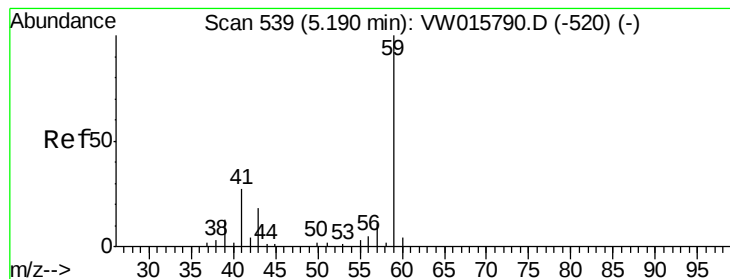


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



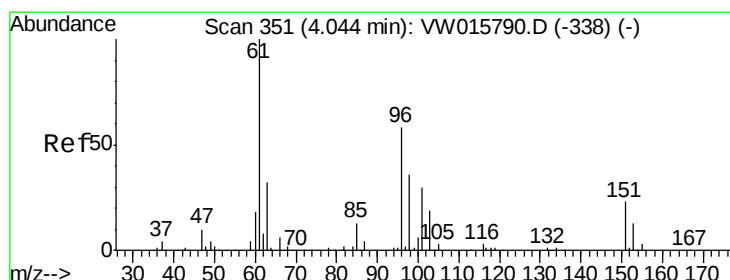
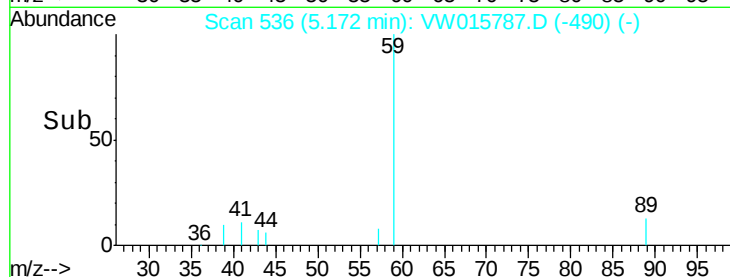
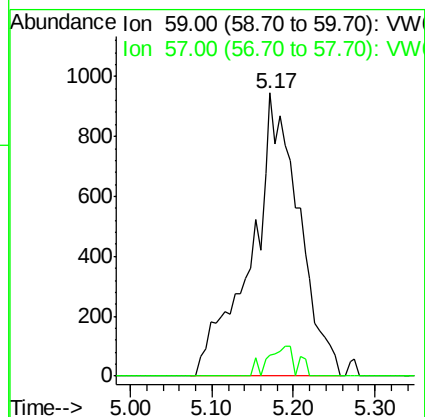
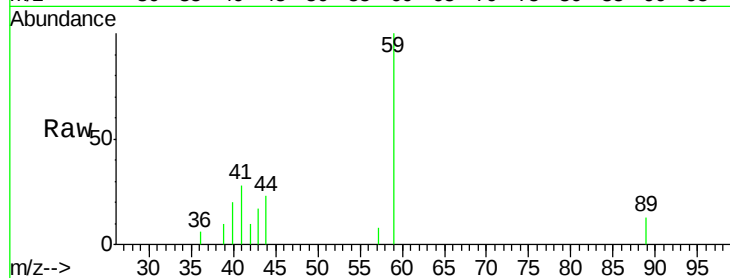


#11

Tert butyl alcohol
 Concen: 38.173 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

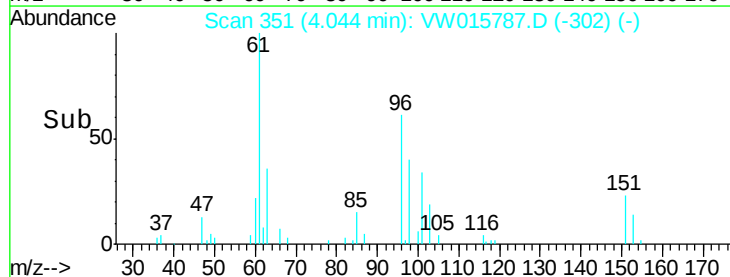
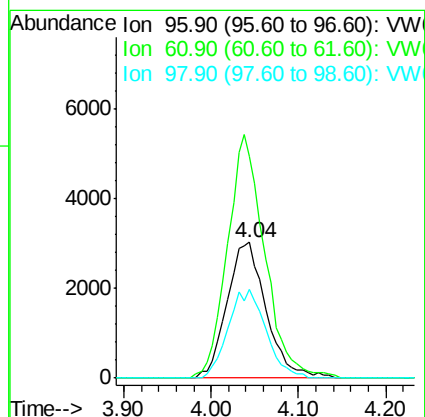
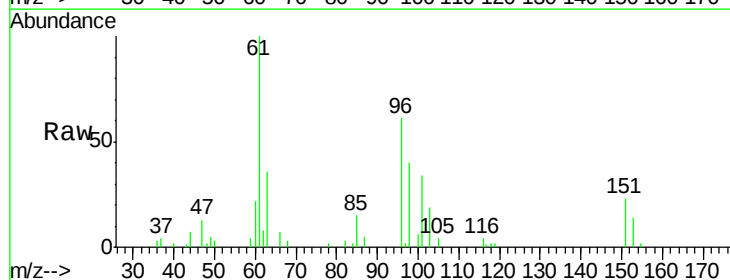
Tot Ion: 59 Resp: 3869
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.7 13.1#

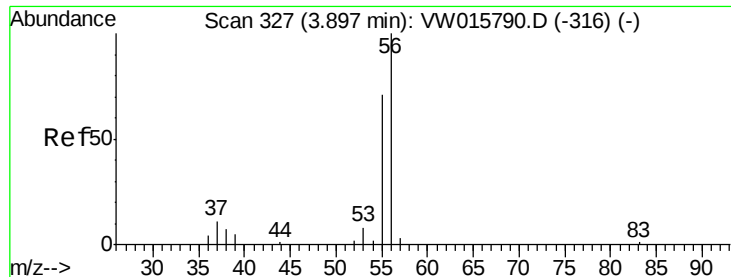


#12

1,1-Dichloroethene
 Concen: 5.009 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 96 Resp: 9405
 Ion Ratio Lower Upper
 96 100
 61 162.7 137.0 205.4
 98 64.9 49.3 73.9





#13

Acrolein

Concen: 26.833 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

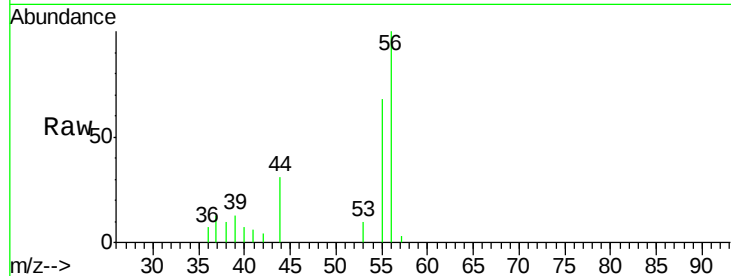
VSTDIC005

Tot Ion: 56 Resp: 3908

Ion Ratio Lower Upper

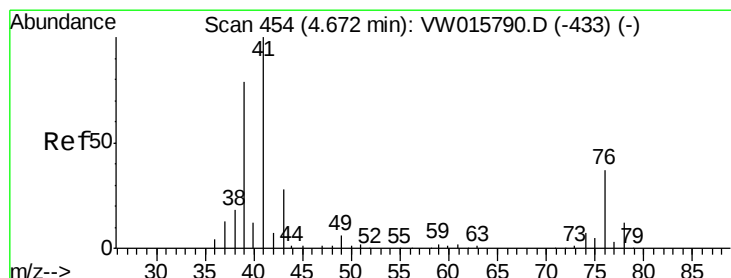
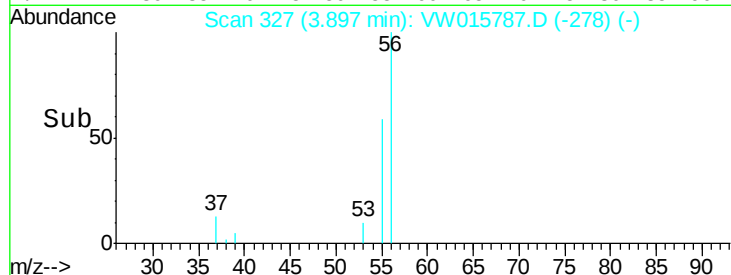
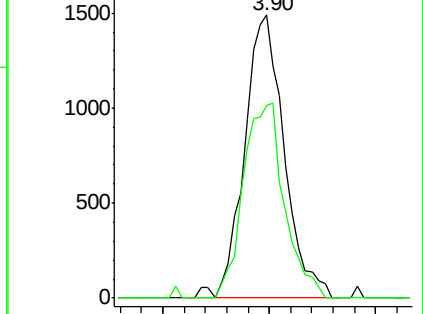
56 100

55 71.1 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.791 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

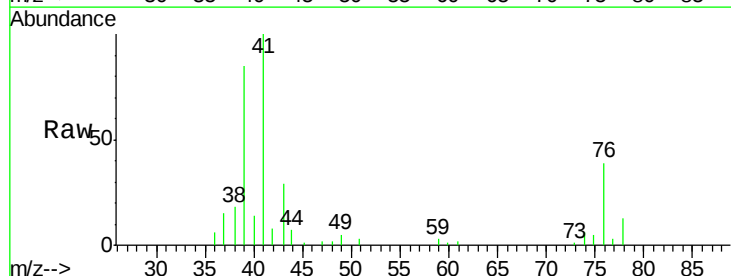
Tgt Ion: 41 Resp: 14595

Ion Ratio Lower Upper

41 100

39 84.7 64.0 96.0

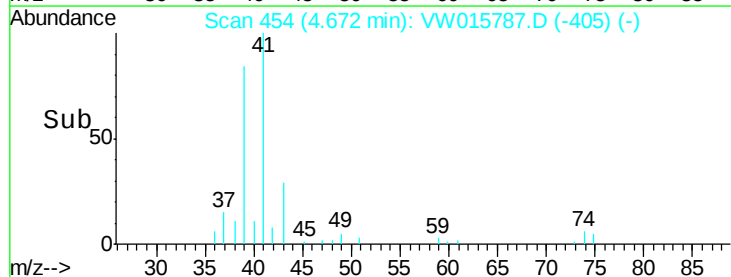
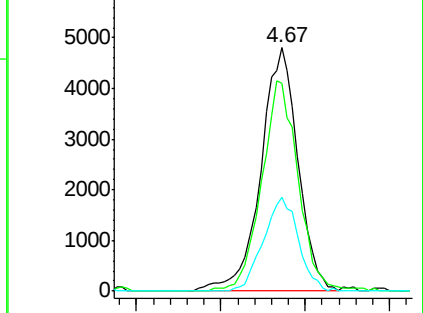
76 36.2 28.9 43.3

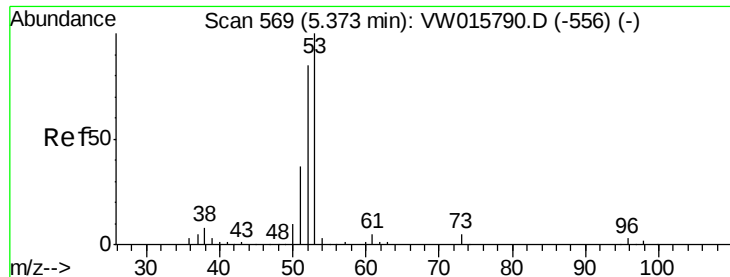


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 23.401 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

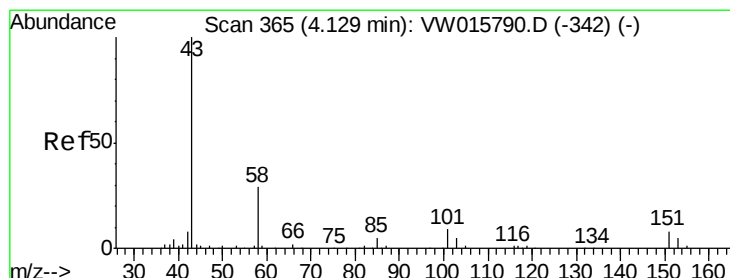
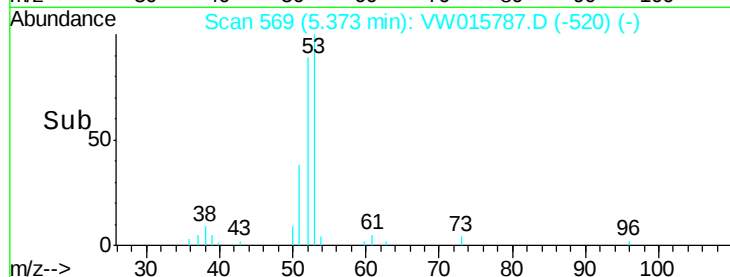
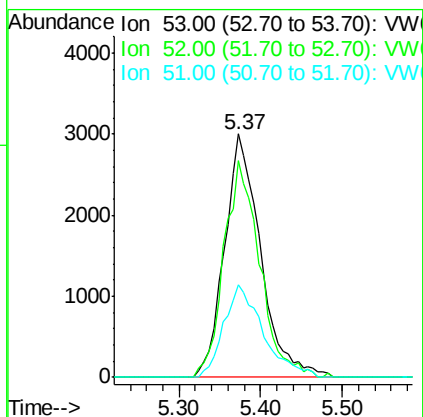
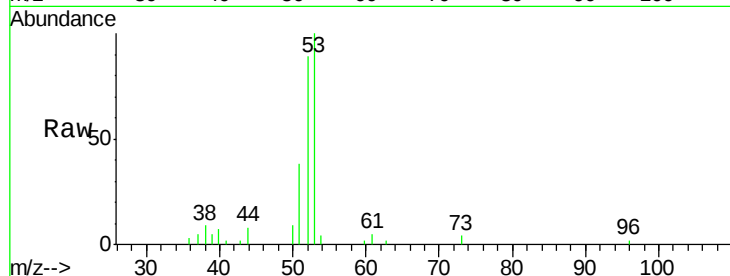
Tot Ion: 53 Resp: 9196

Ion Ratio Lower Upper

53 100

52 88.4 65.8 98.8

51 41.5 30.2 45.2



#16

Acetone

Concen: 27.441 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015787.D

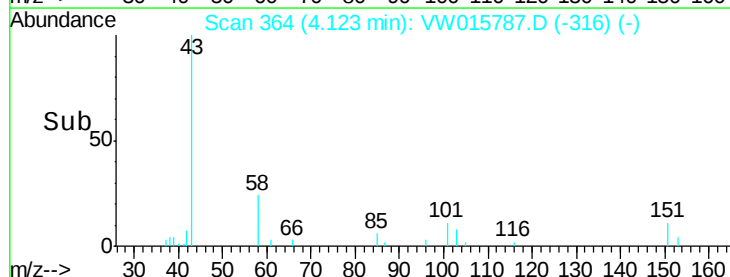
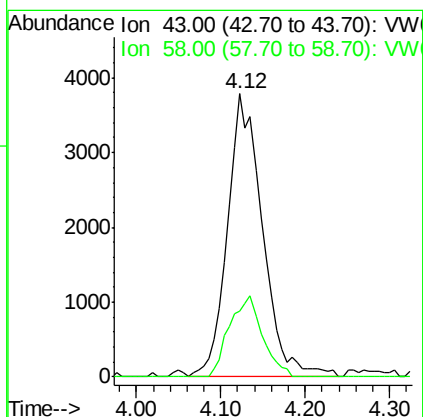
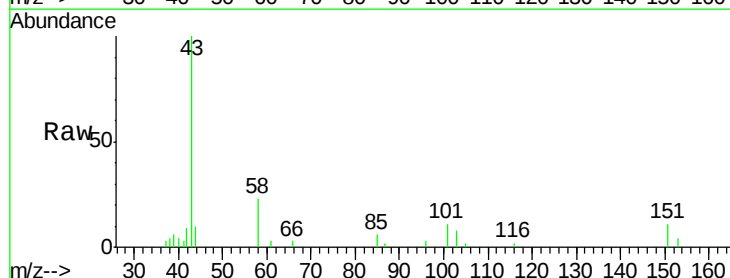
Acq: 07 Jul 2020 11:07

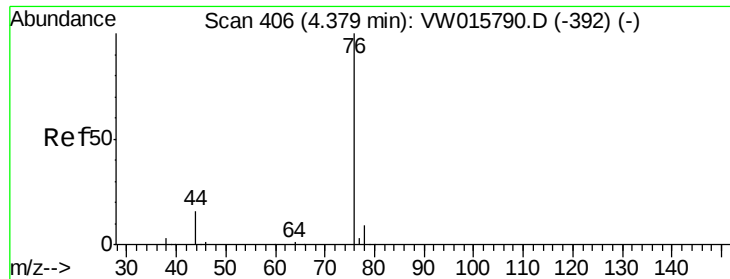
Tgt Ion: 43 Resp: 10709

Ion Ratio Lower Upper

43 100

58 23.4 23.5 35.3#

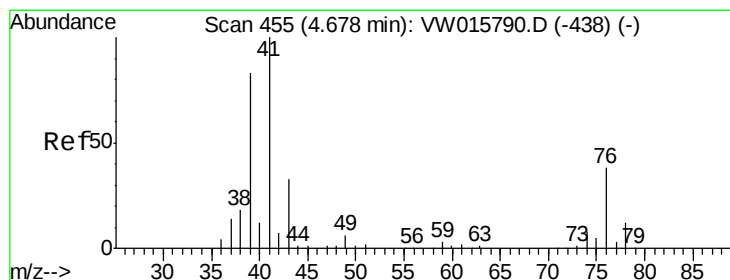
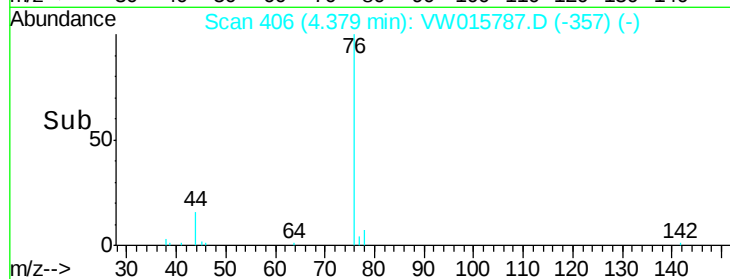
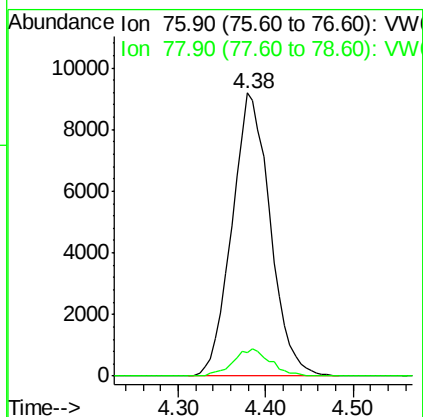
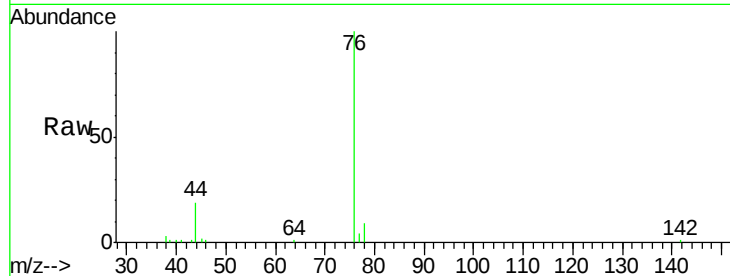




#17
Carbon Disulfide
Concen: 4.981 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

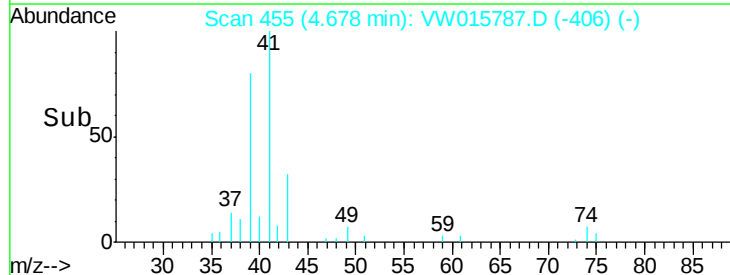
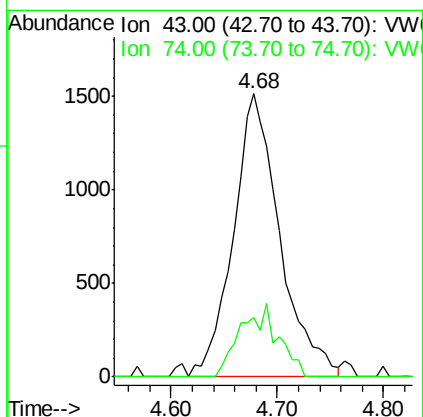
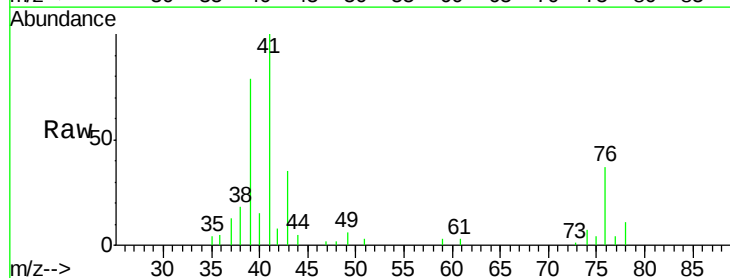
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

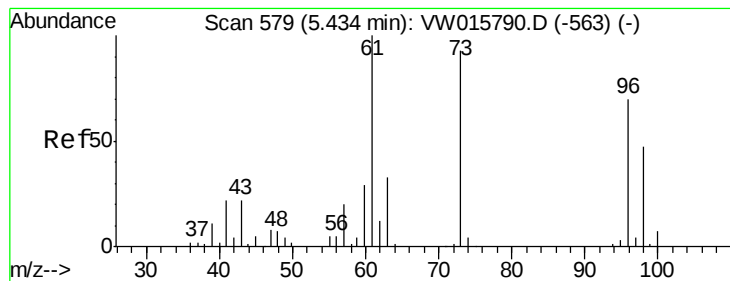
Tot Ion: 76 Resp: 27815
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 5.235 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 43 Resp: 4636
Ion Ratio Lower Upper
43 100
74 21.0 19.2 28.8



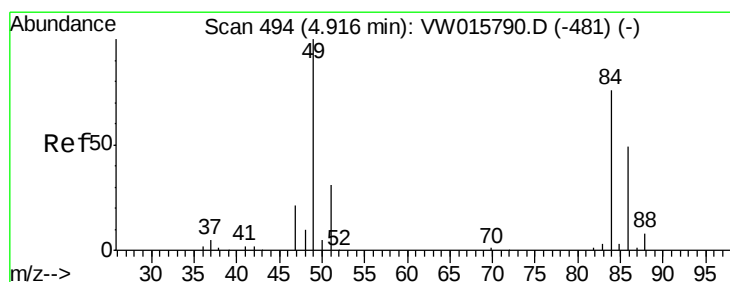
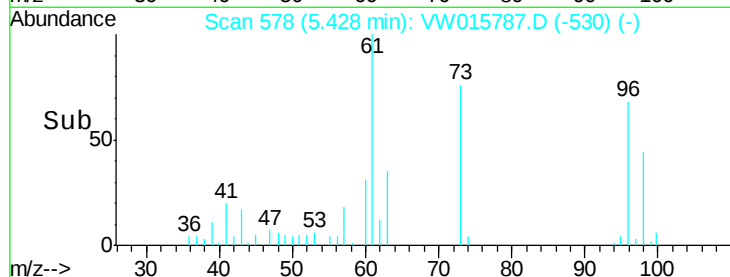
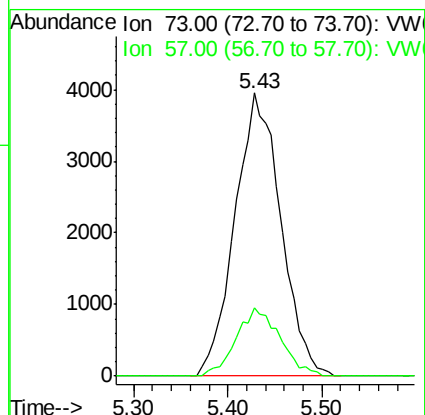
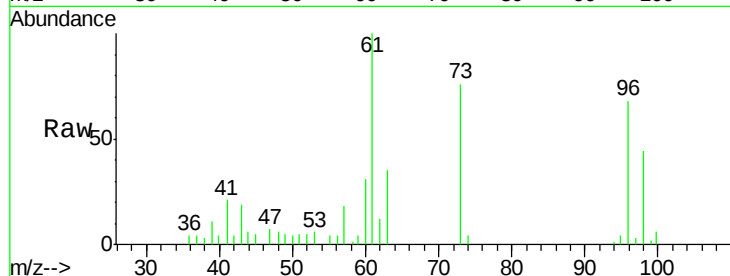


#19

Methyl tert-butyl Ether
 Concen: 4.832 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

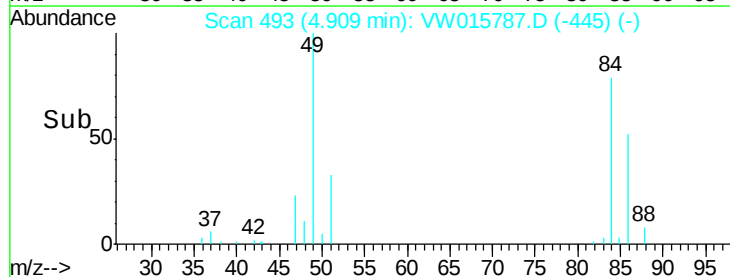
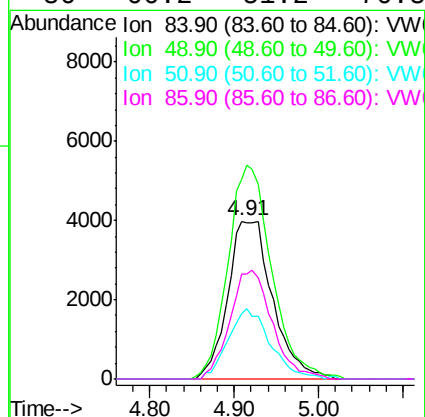
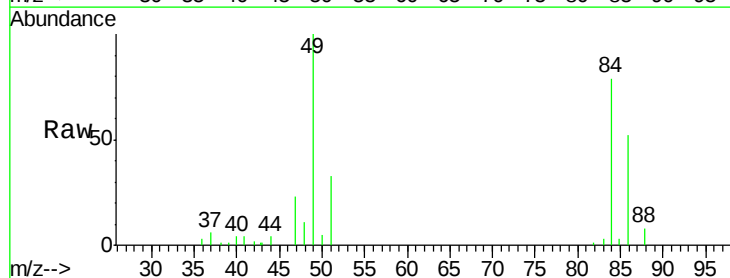
Tot Ion: 73 Resp: 13432
 Ion Ratio Lower Upper
 73 100
 57 24.0 16.8 25.2

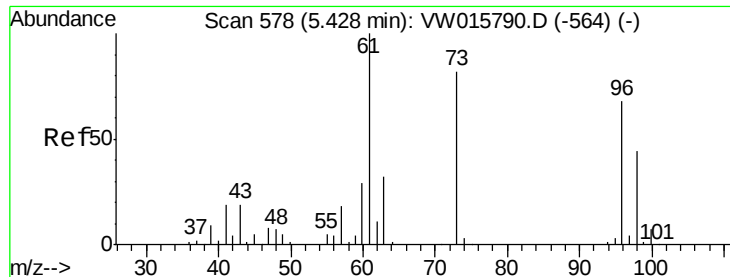


#20

Methylene Chloride
 Concen: 6.139 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 84 Resp: 14425
 Ion Ratio Lower Upper
 84 100
 49 126.4 105.0 157.6
 51 41.4 32.3 48.5
 86 66.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 4.929 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

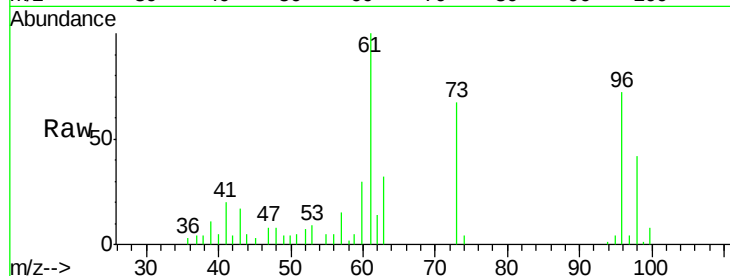
Tot Ion: 96 Resp: 10654

Ion Ratio Lower Upper

96 100

61 139.4 118.1 177.1

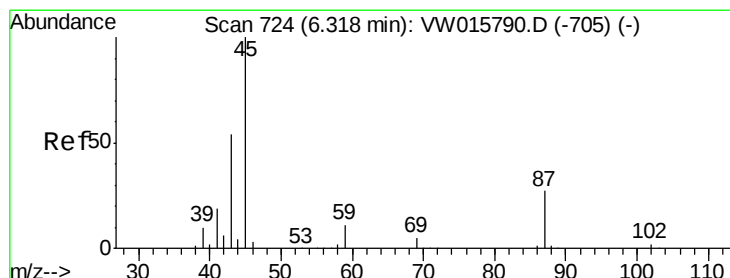
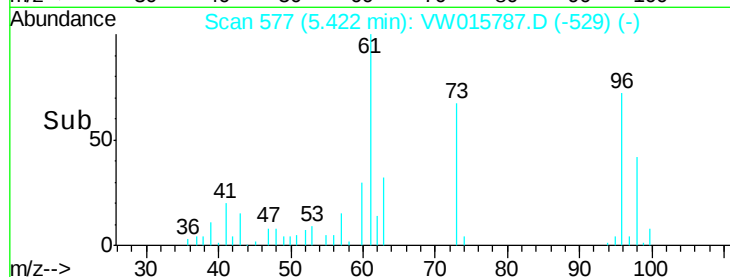
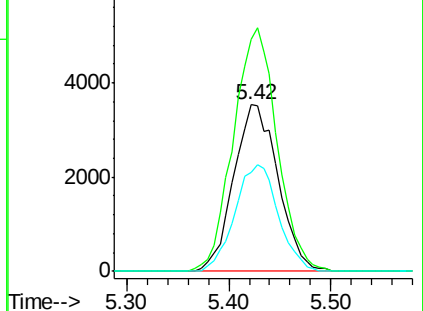
98 59.0 52.6 78.8



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: 4.590 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Tgt Ion: 45 Resp: 28102

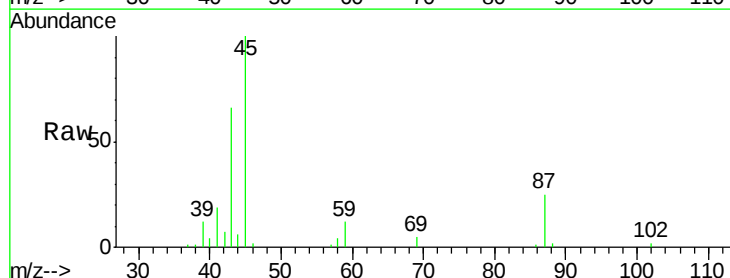
Ion Ratio Lower Upper

45 100

43 63.7 43.8 65.6

87 25.1 22.1 33.1

59 12.2 8.9 13.3

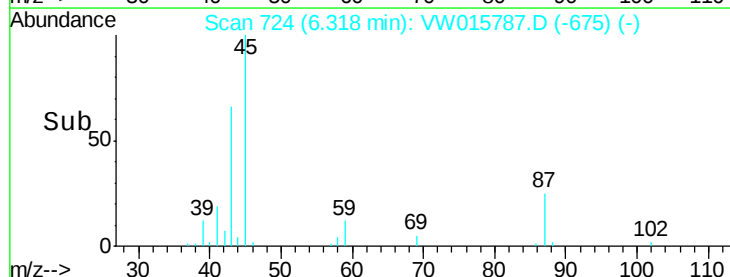
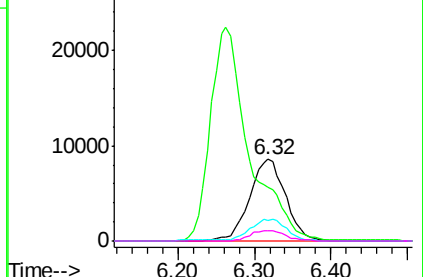


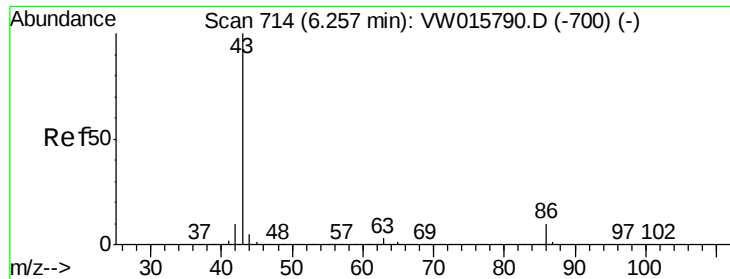
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 21.784 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

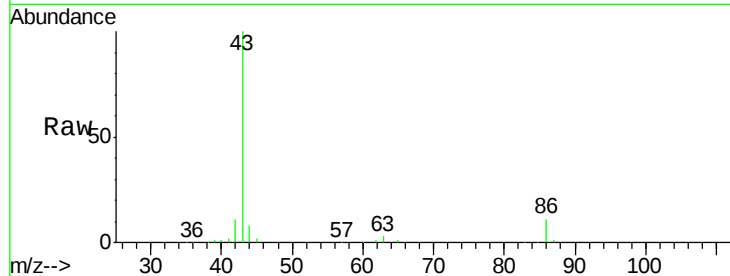
VSTDIC005

Tot Ion: 43 Resp: 78876

Ion Ratio Lower Upper

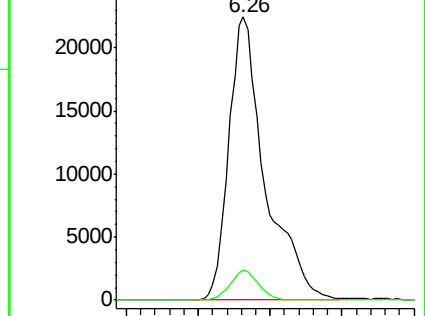
43 100

86 10.5 8.2 12.4

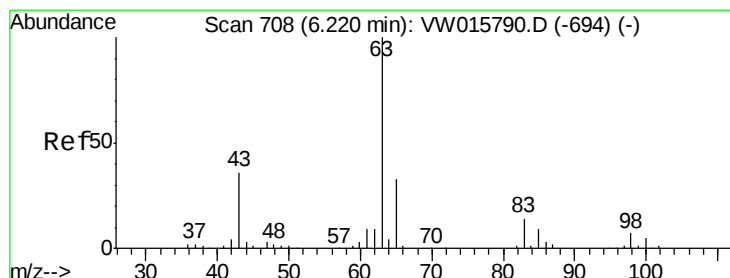
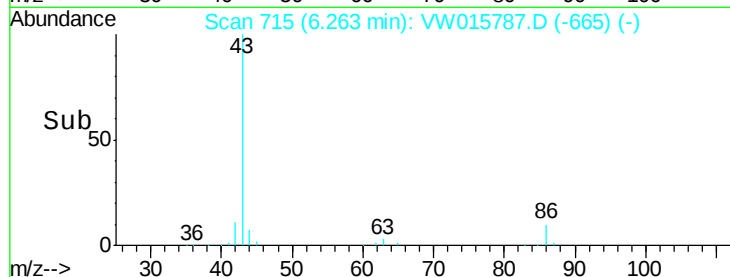


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 5.000 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

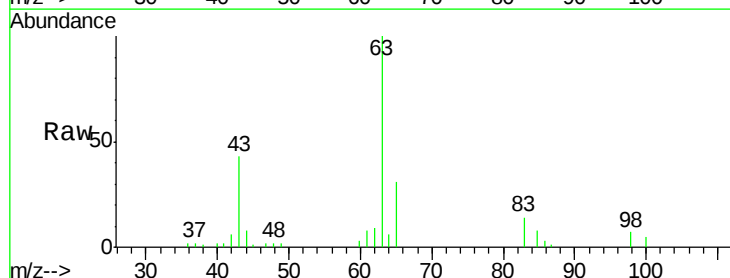
Tgt Ion: 63 Resp: 19398

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

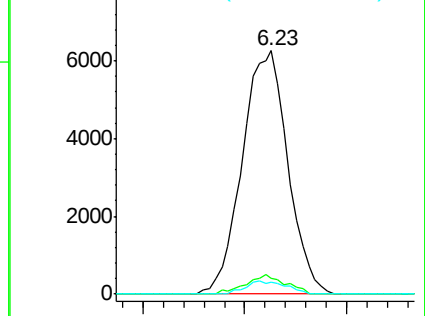
100 5.0 2.4 7.1



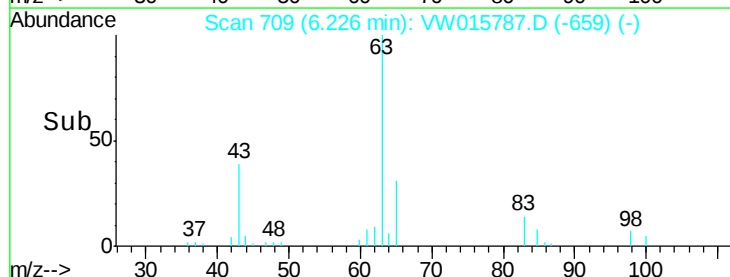
Abundance Ion 62.90 (62.60 to 63.60): VW

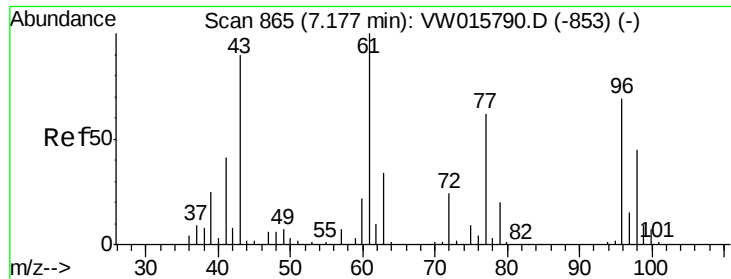
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 24.894 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

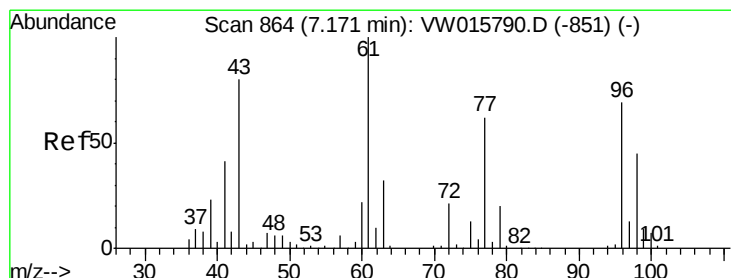
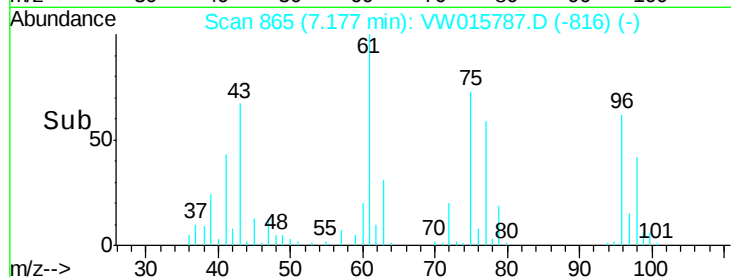
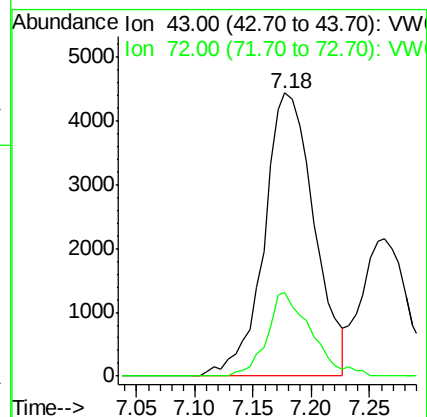
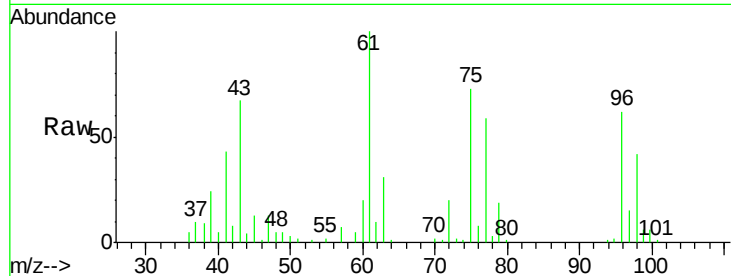
VSTDIC005

Tot Ion: 43 Resp: 13221

Ion Ratio Lower Upper

43 100

72 29.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 5.534 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015787.D

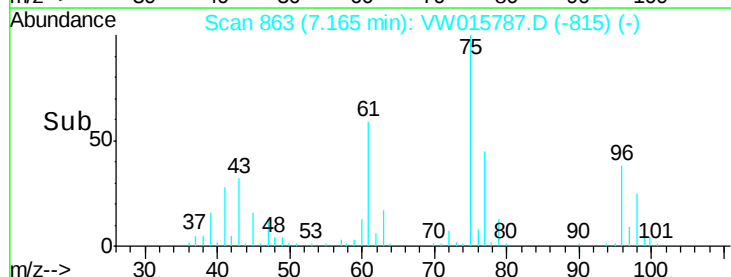
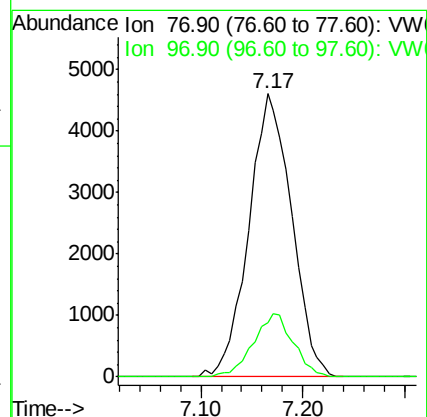
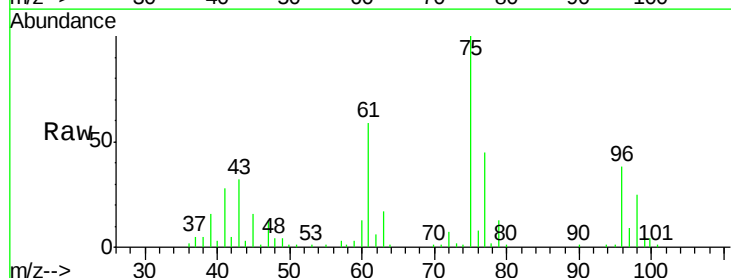
Acq: 07 Jul 2020 11:07

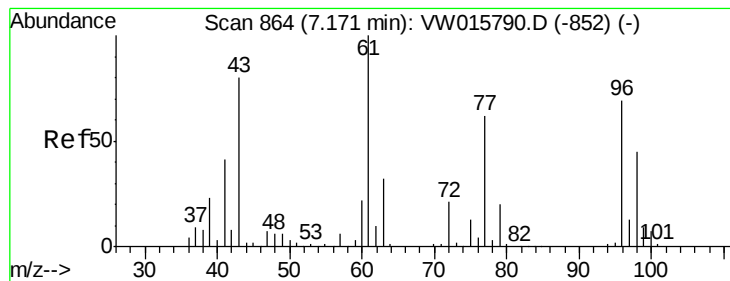
Tgt Ion: 77 Resp: 13414

Ion Ratio Lower Upper

77 100

97 21.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 4.777 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

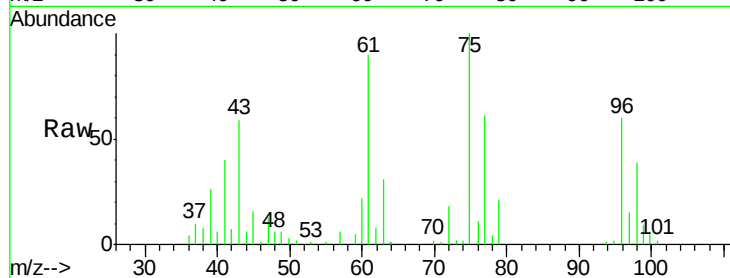
Tot Ion: 96 Resp: 11140

Ion Ratio Lower Upper

96 100

61 162.3 0.0 292.2

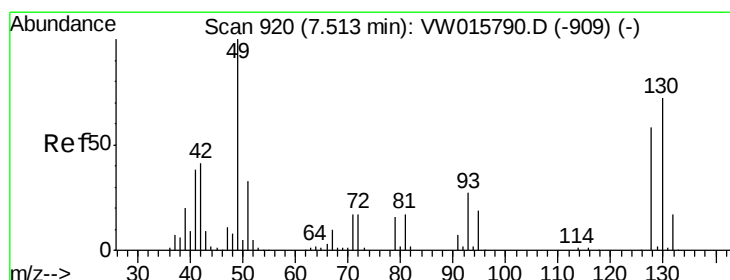
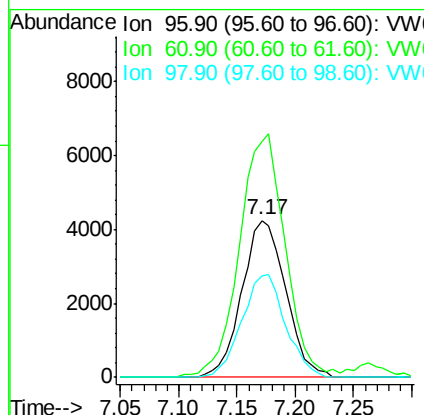
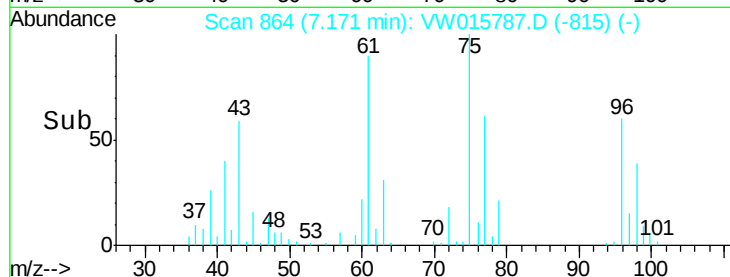
98 65.2 0.0 129.0



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: 5.119 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

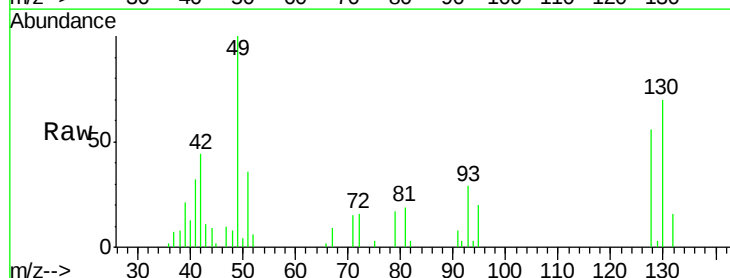
Tgt Ion: 49 Resp: 7896

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.6

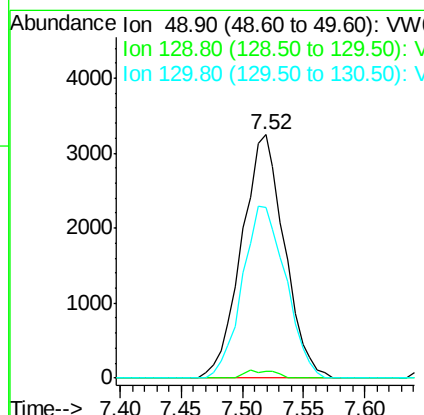
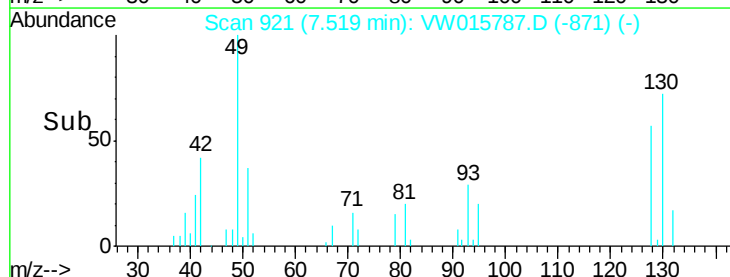
130 71.7 59.5 89.3



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

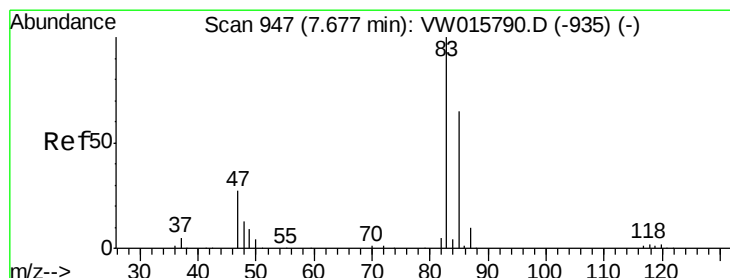
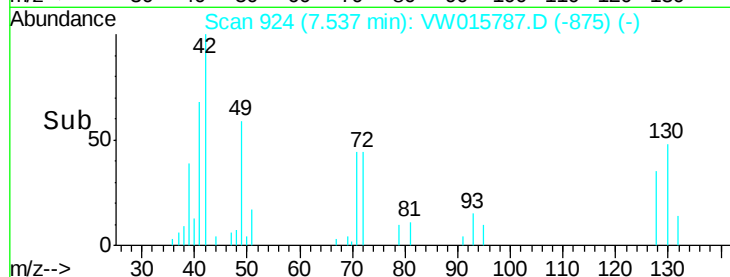
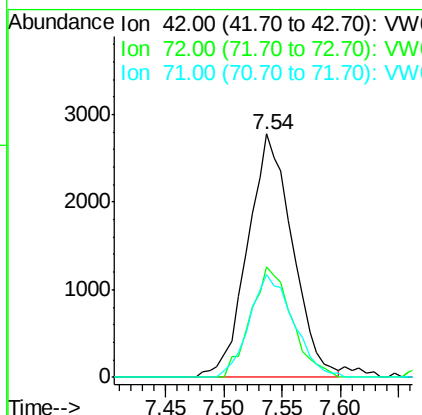
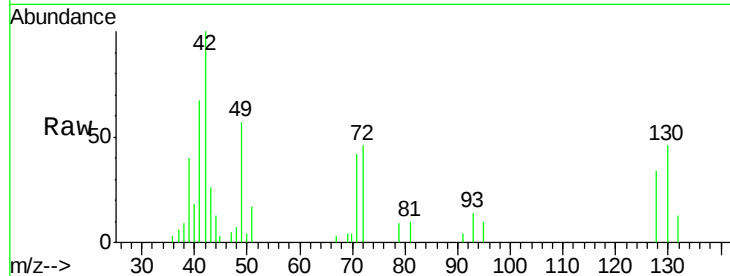




#29
Tetrahydrofuran
Concen: 23.100 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

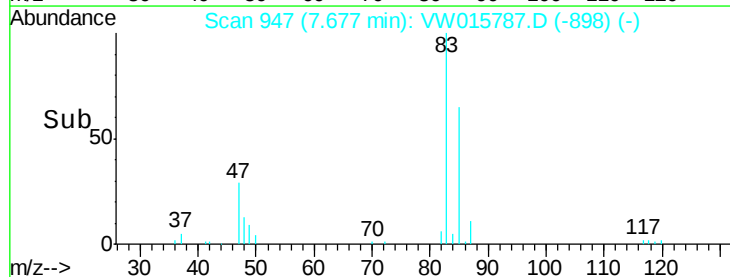
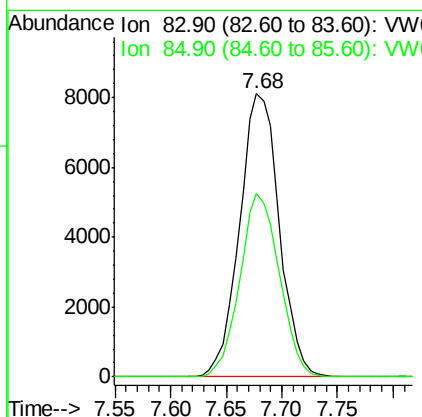
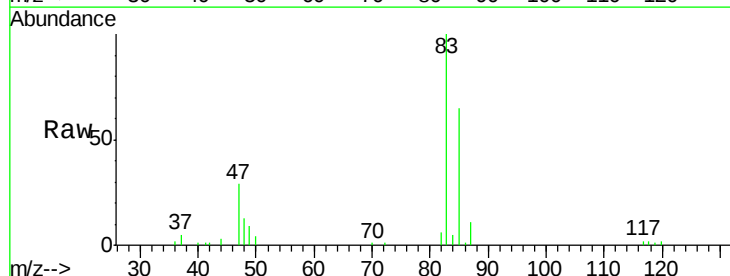
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

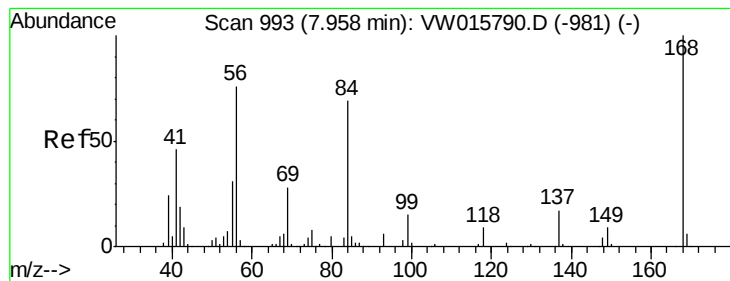
Tot Ion: 42 Resp: 7413
Ion Ratio Lower Upper
42 100
72 41.5 34.6 51.8
71 41.3 32.8 49.2



#30
Chloroform
Concen: 5.075 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 83 Resp: 20103
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4





#31

Cyclohexane

Concen: 5.691 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

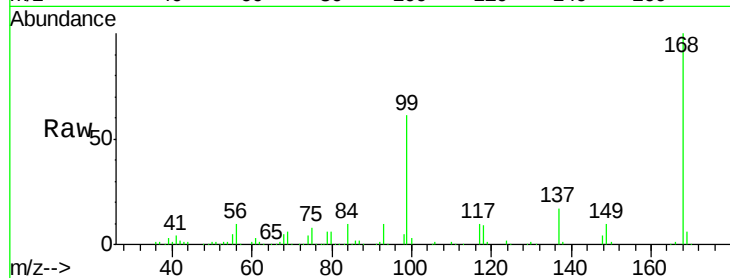
Tot Ion: 56 Resp: 20861

Ion Ratio Lower Upper

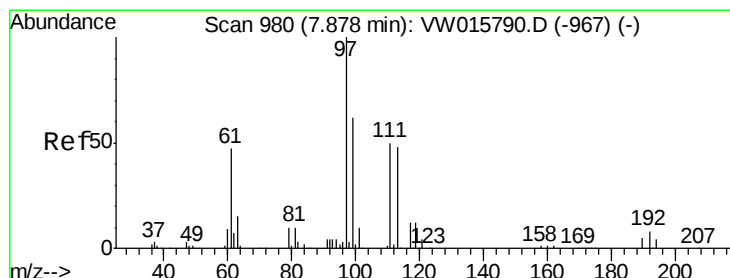
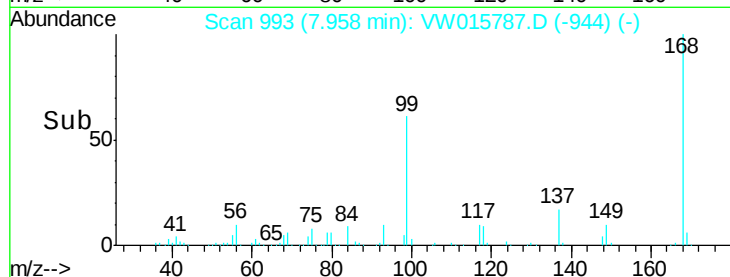
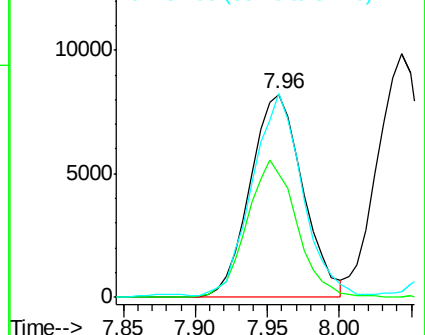
56 100

69 60.7 28.9 43.3#

84 99.5 72.2 108.4



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



#32

1,1,1-Trichloroethane

Concen: 5.009 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

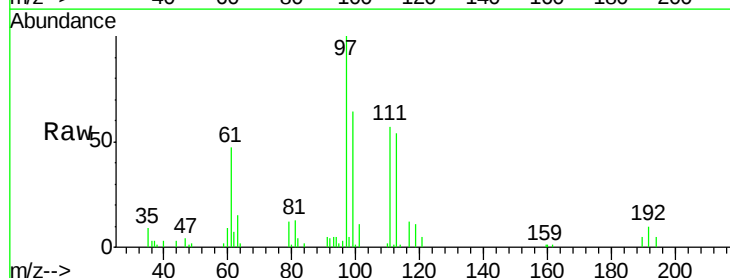
Tgt Ion: 97 Resp: 16611

Ion Ratio Lower Upper

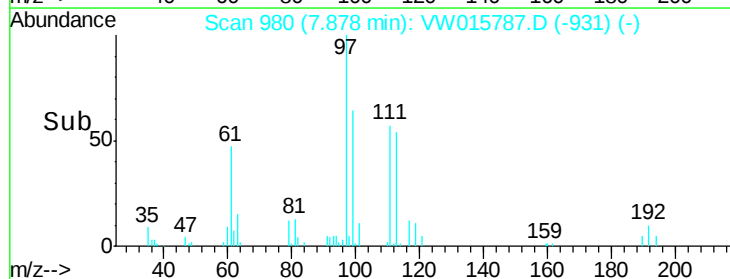
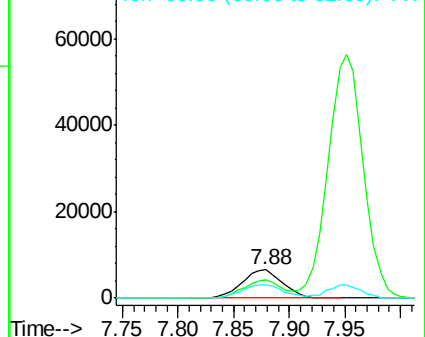
97 100

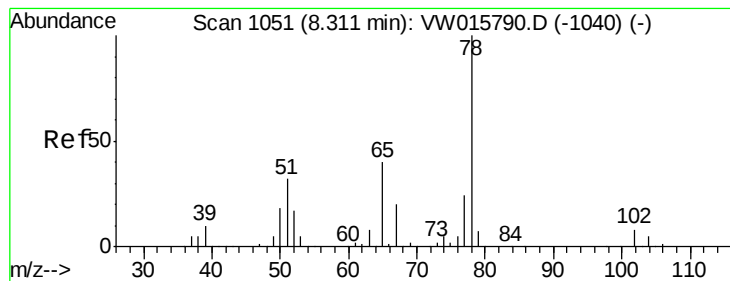
99 61.6 51.0 76.4

61 48.7 38.6 57.8



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





#33

1,2-Dichloroethane-d4

Concen: 5.696 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

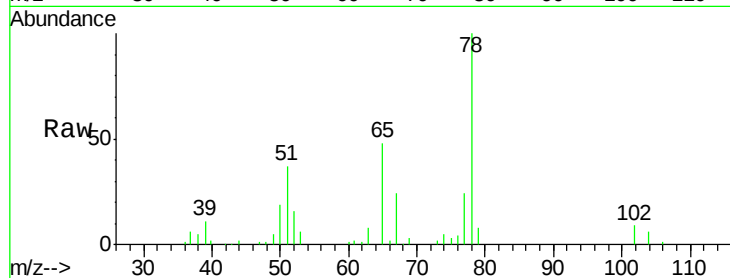
VSTDIC005

Tot Ion: 65 Resp: 12005

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

6000

5000

4000

3000

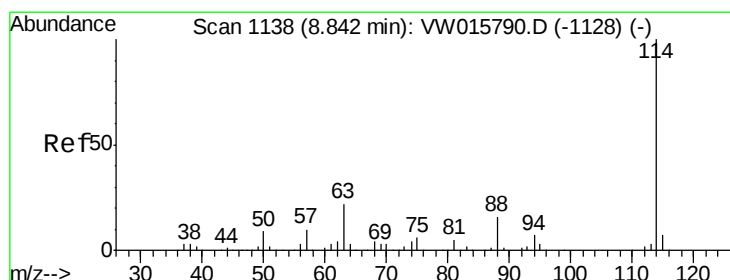
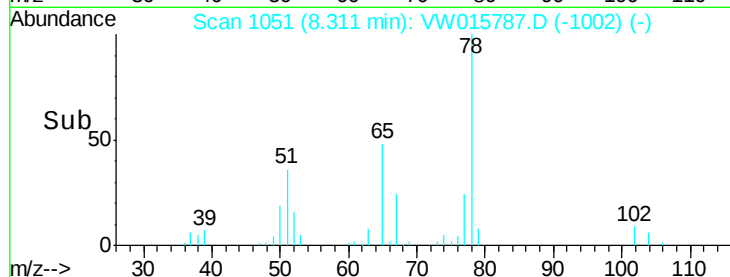
2000

1000

0

8.25 8.30 8.35

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

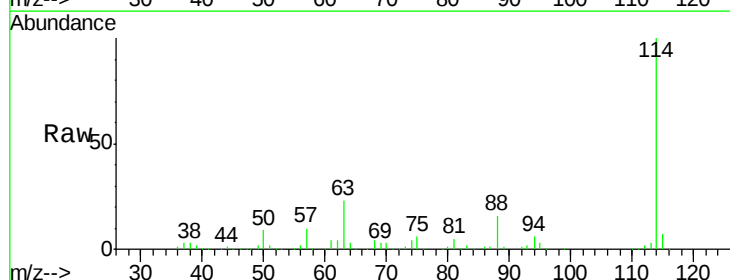
Tgt Ion: 114 Resp: 326254

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.4

88 16.1 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

200000

150000

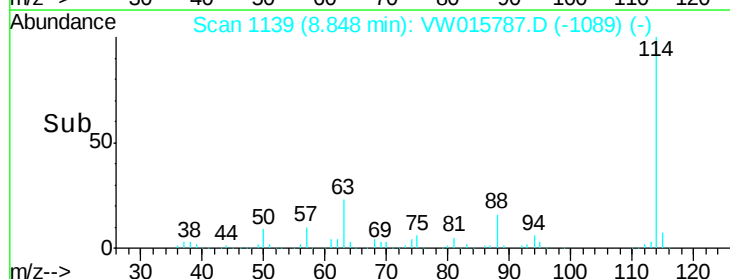
100000

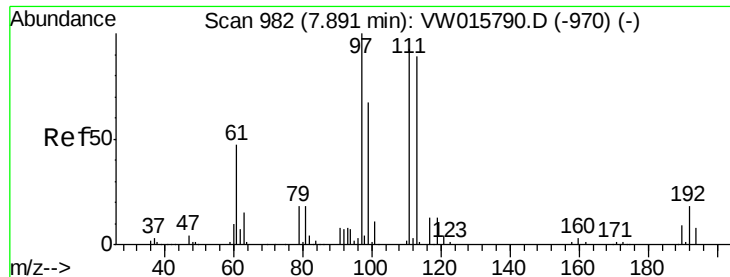
50000

0

8.80 8.90

Time-->

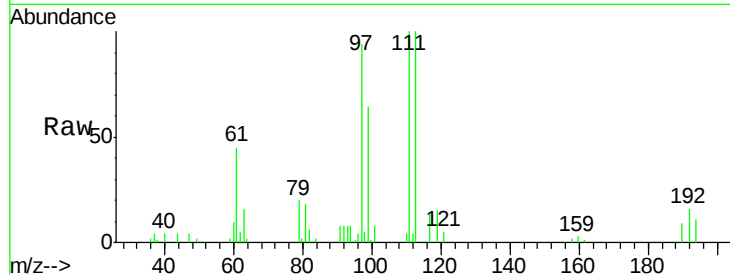




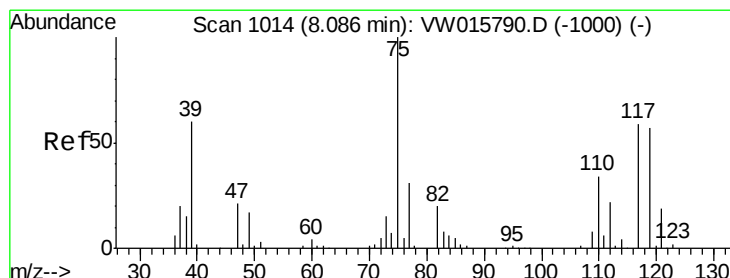
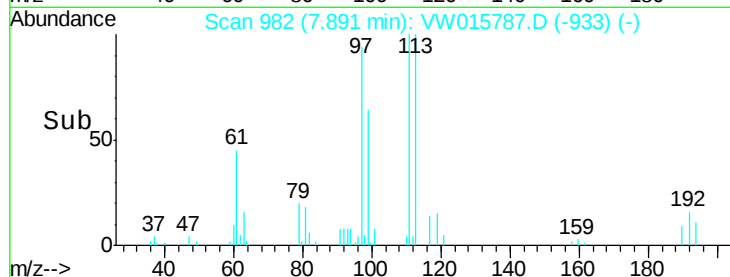
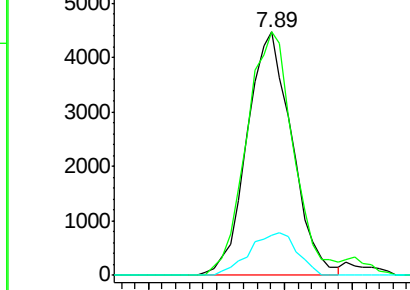
#35
 Dibromofluoromethane
 Concen: 5.447 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.8	124.2
192	18.5	15.4	23.2

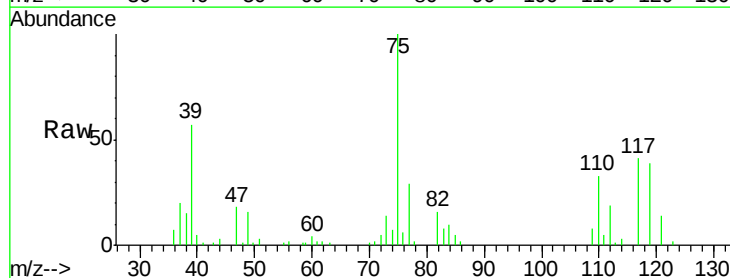


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

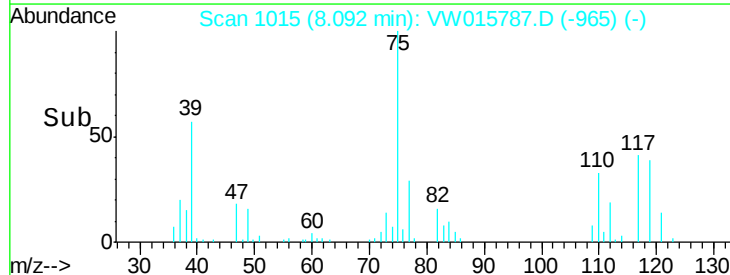
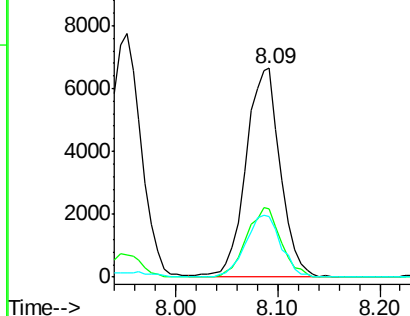


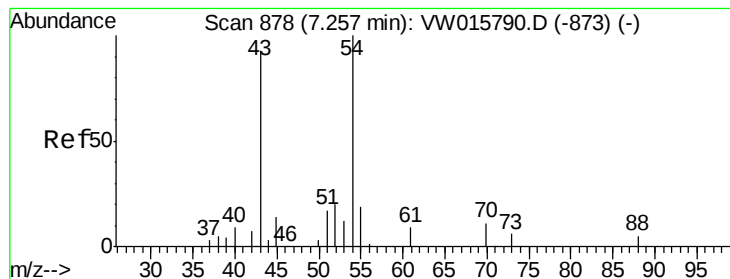
#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.8	50.3
77	30.4	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: 5.361 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

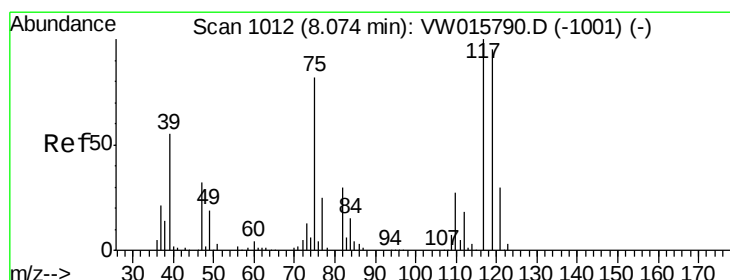
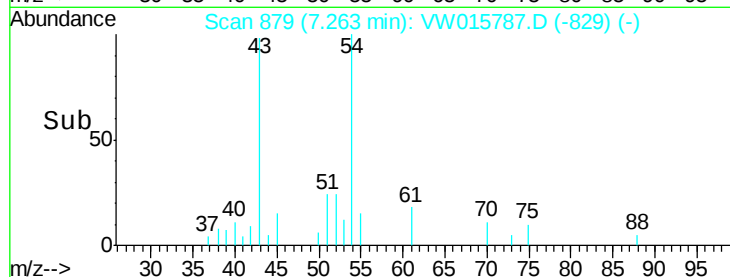
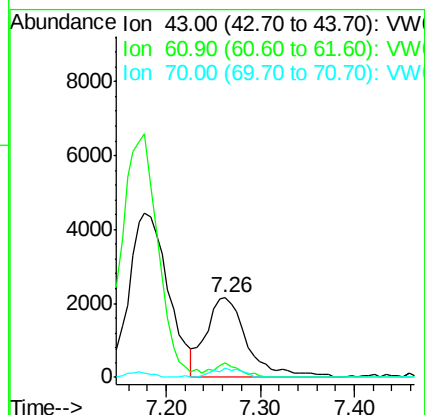
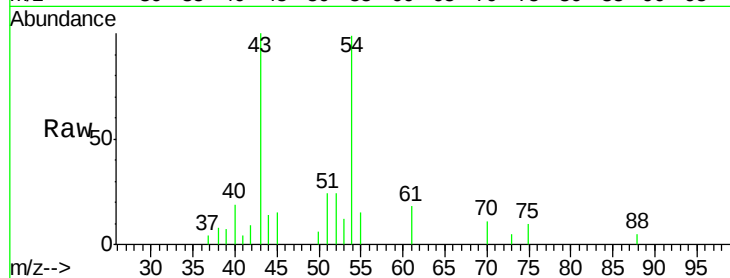
Tot Ion: 43 Resp: 6496

Ion Ratio Lower Upper

43 100

61 11.4 10.4 15.6

70 8.2 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

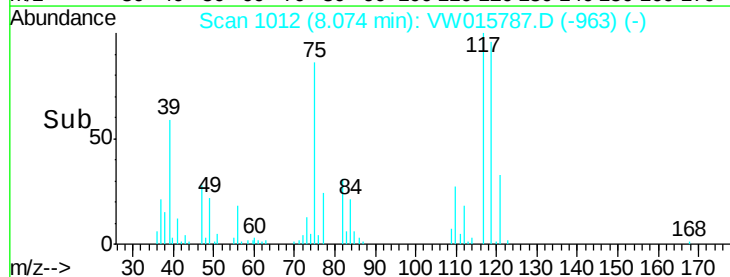
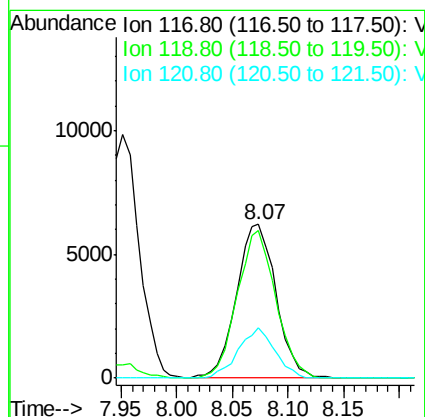
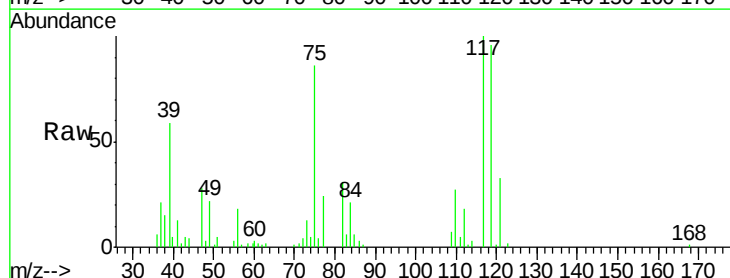
Tgt Ion: 117 Resp: 15322

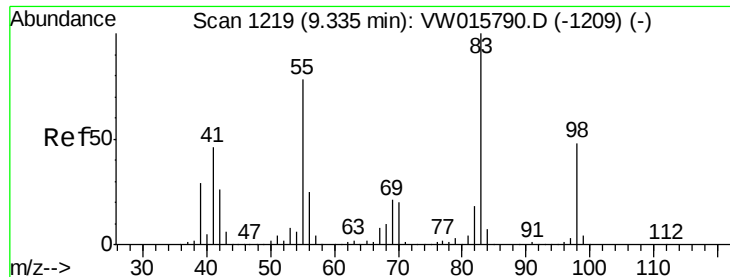
Ion Ratio Lower Upper

117 100

119 96.2 76.3 114.5

121 33.2 24.0 36.0

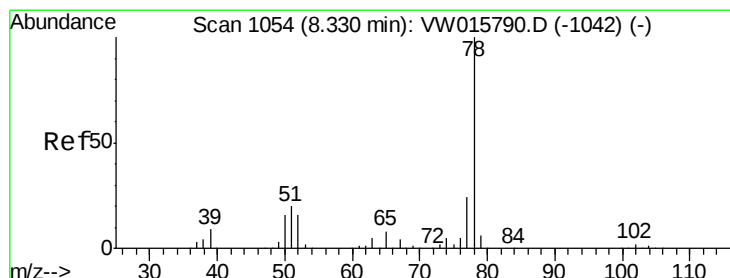
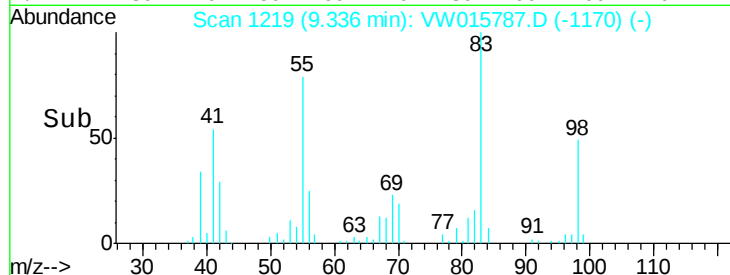
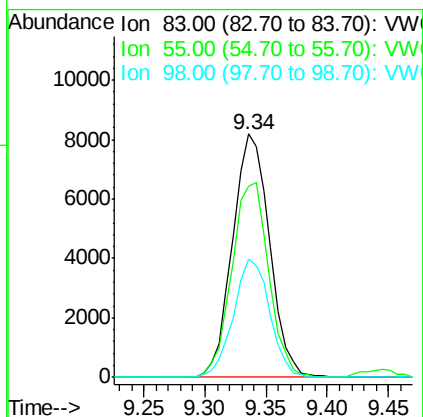
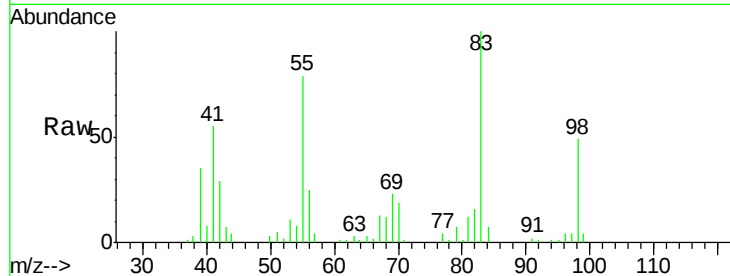




#39
Methvlcvclohexane
Concen: 4.511 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

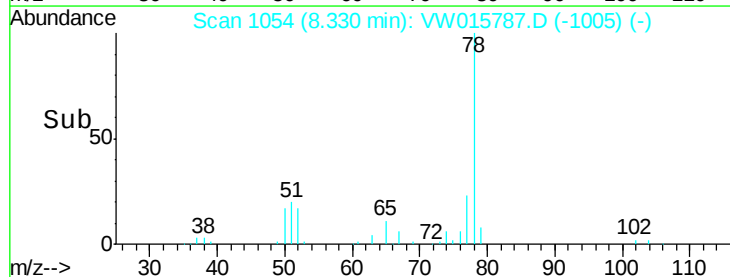
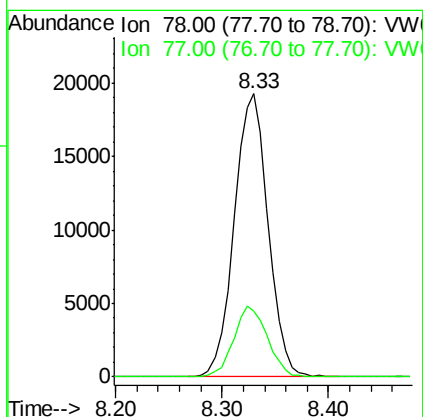
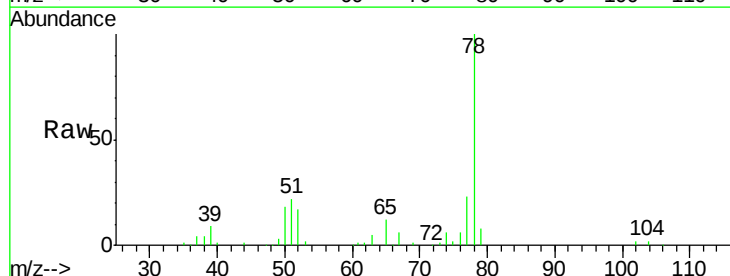
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 83 Resp: 17168
Ion Ratio Lower Upper
83 100
55 78.6 62.6 94.0
98 48.6 38.6 58.0



#40
Benzene
Concen: 4.883 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 78 Resp: 42937
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

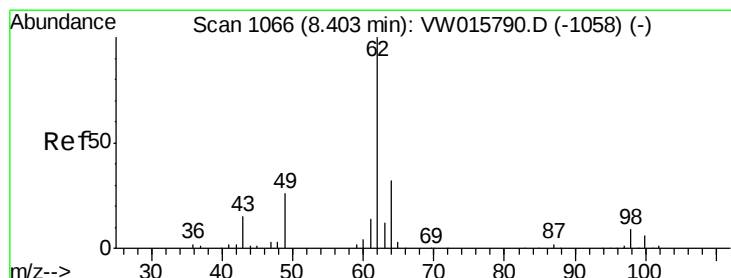
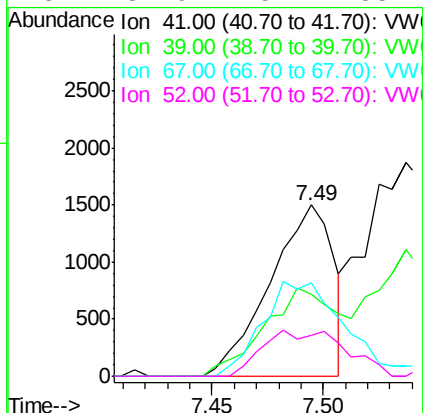
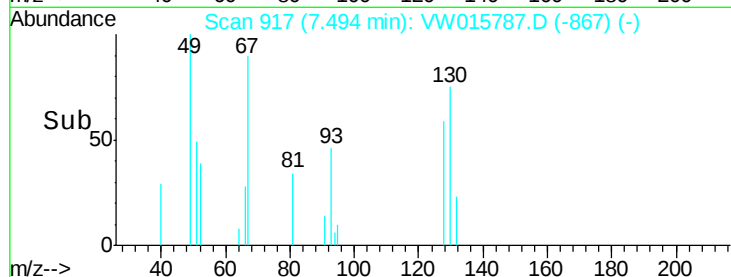
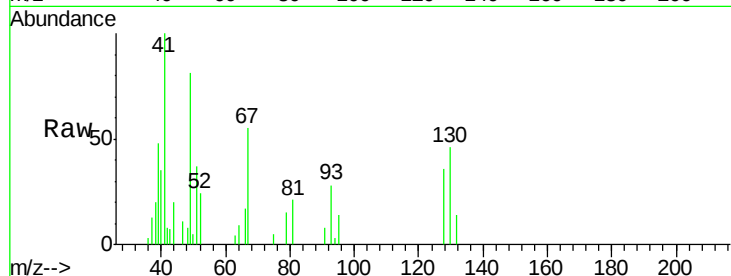




#41
Methacrylonitrile
Concen: 4.269 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

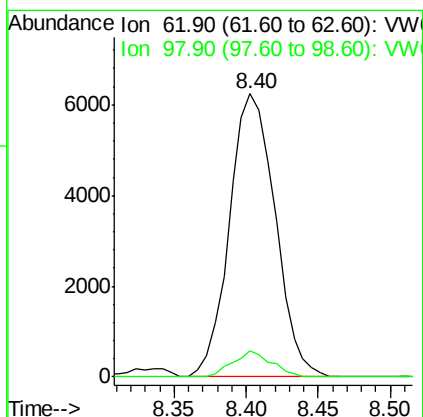
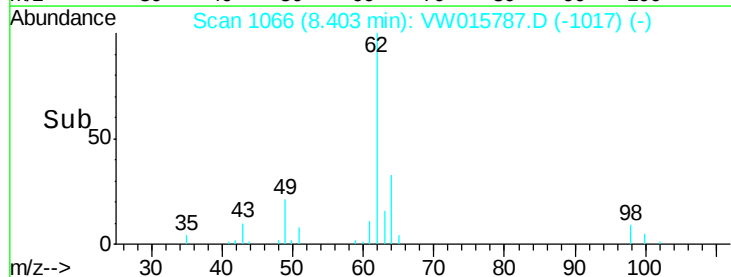
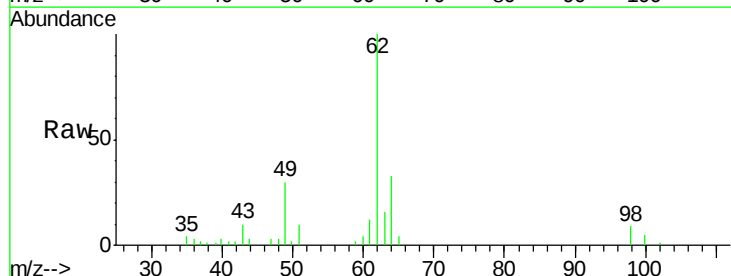
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

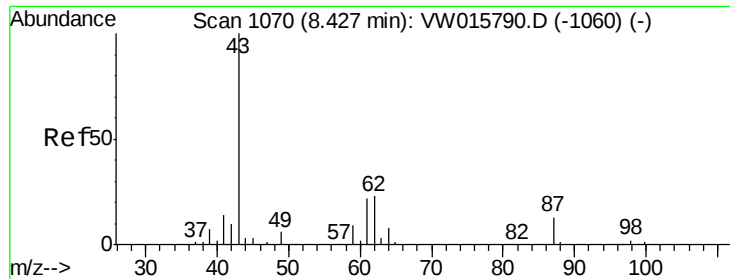
Tot Ion:	41	Resp:	2987
Ion	Ratio	Lower	Upper
41	100		
39	61.4	44.6	66.8
67	71.6	56.4	84.6
52	34.9	25.4	38.2



#42
1,2-Dichloroethane
Concen: 5.060 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion:	62	Resp:	13783
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.2

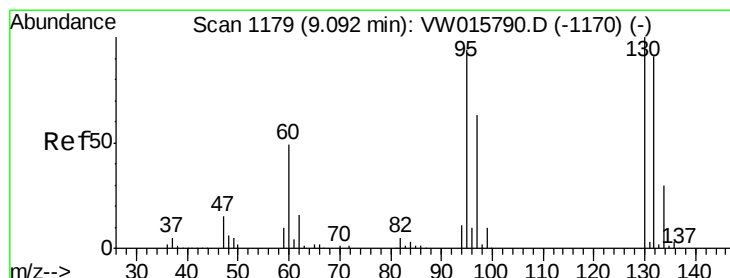
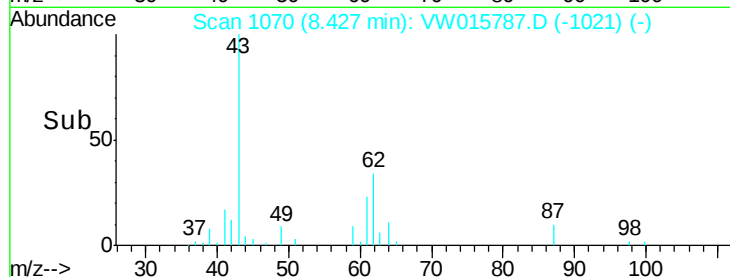
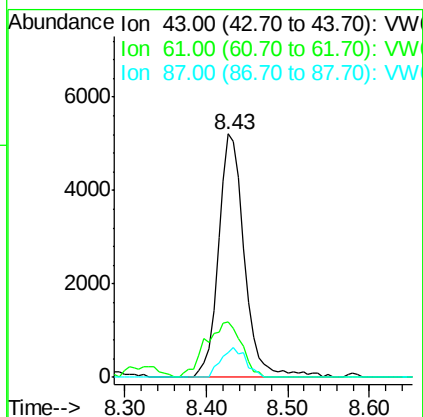
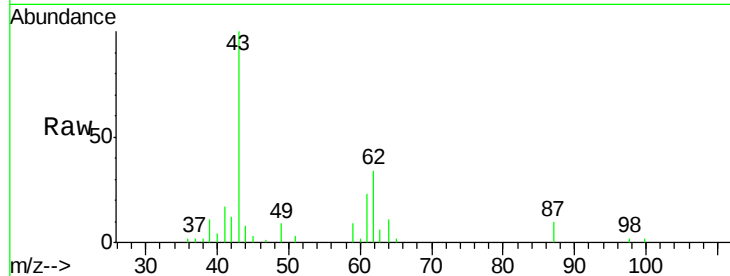




#43
Isopropyl Acetate
Concen: 4.794 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

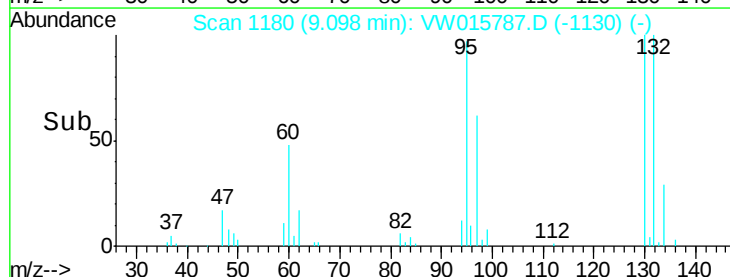
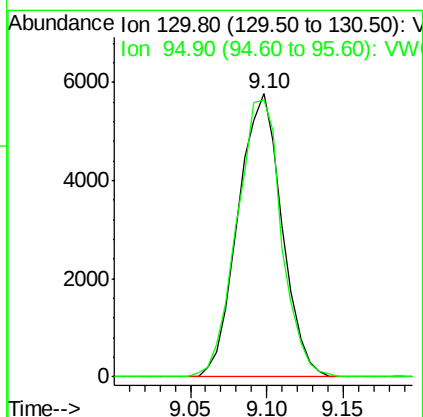
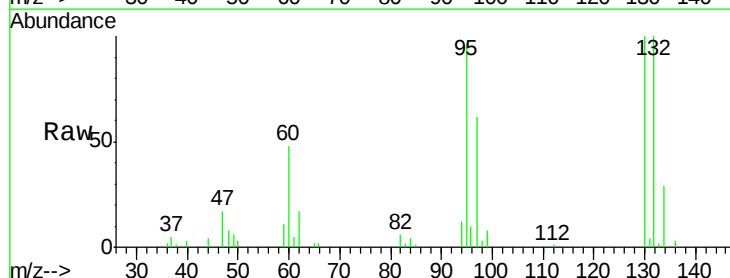
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

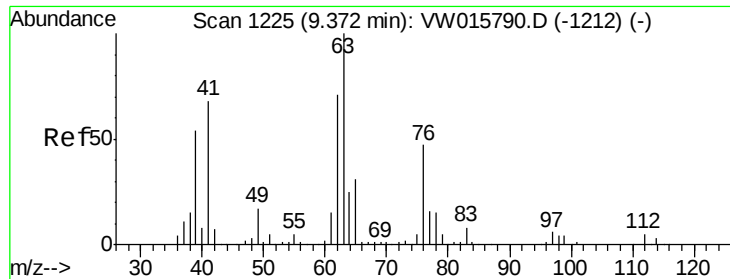
Tot Ion: 43 Resp: 11558
Ion Ratio Lower Upper
43 100
61 31.4 24.8 37.2
87 11.6 10.4 15.6



#44
Trichloroethene
Concen: 4.921 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 130 Resp: 11445
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.6

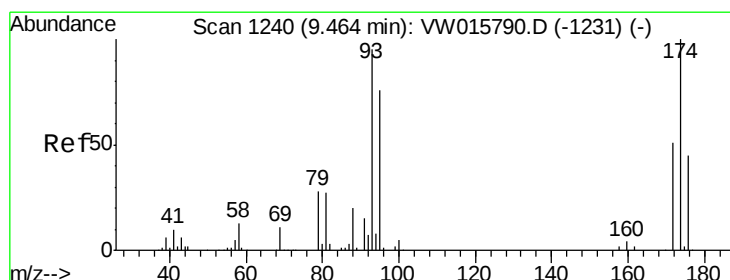
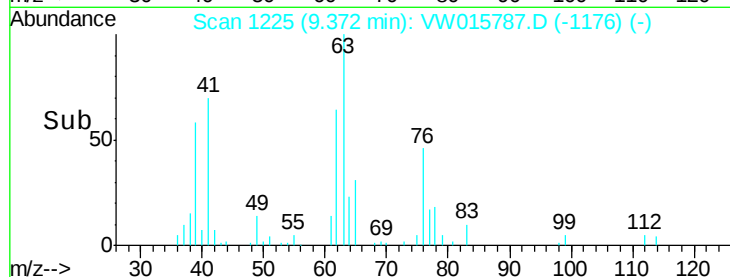
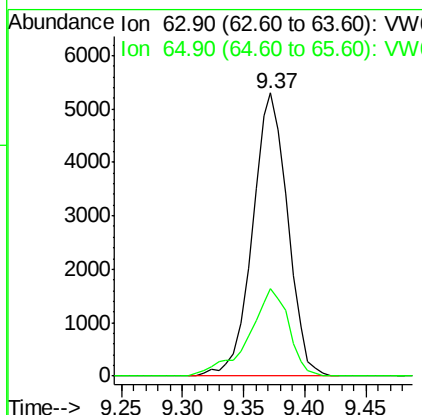
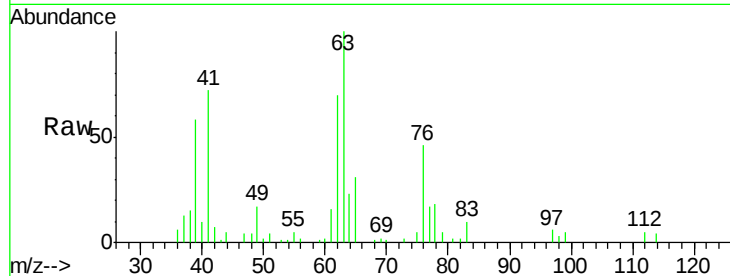




#45
 1,2-Dichloropropane
 Concen: 4.910 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

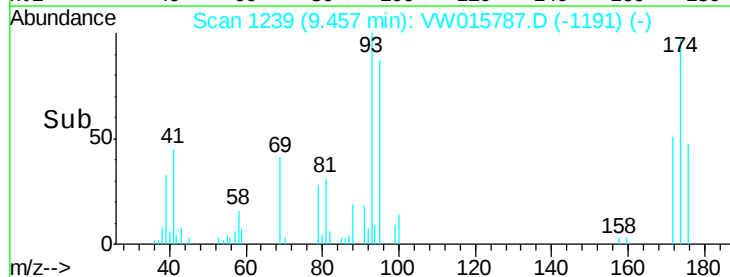
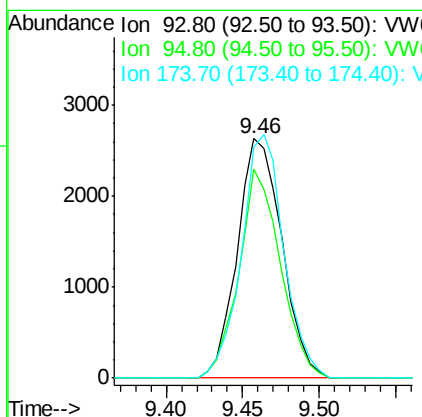
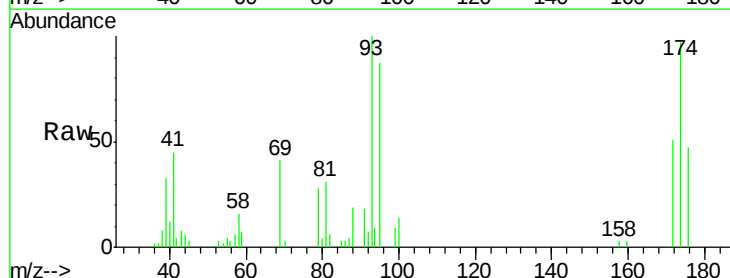
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 10582
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 4.800 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 93 Resp: 5336
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.0 99.0
 174 96.7 78.7 118.1





#47

Bromodichloromethane

Concen: 4.640 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

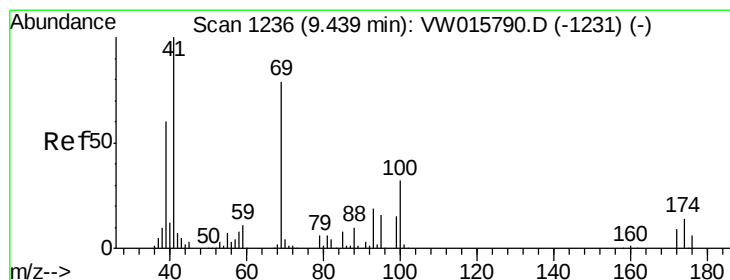
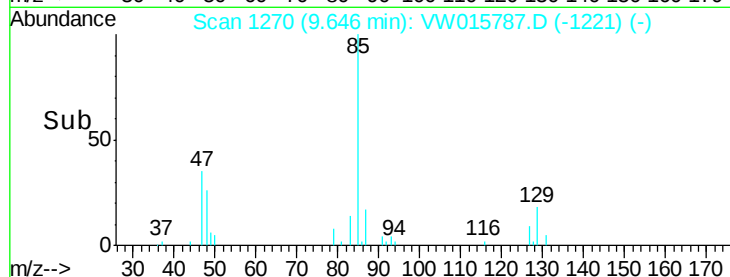
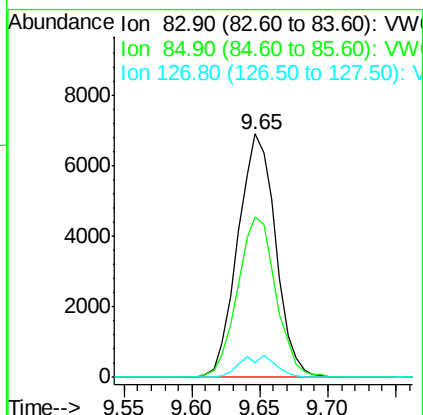
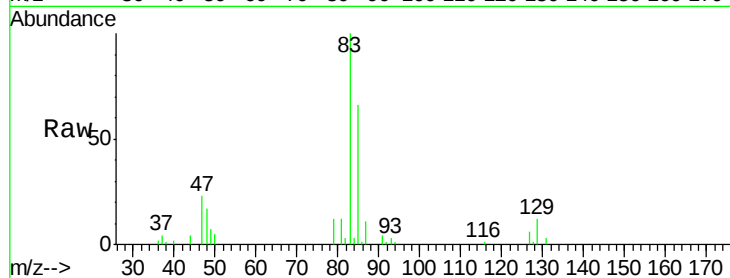
Tot Ion: 83 Resp: 13379

Ion Ratio Lower Upper

83 100

85 66.0 50.6 76.0

127 6.1 6.2 9.2#



#48

Methyl methacrylate

Concen: 4.101 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

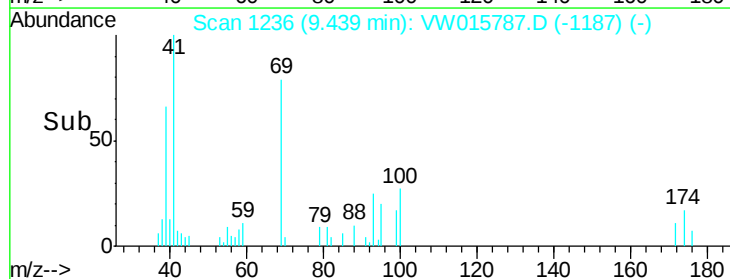
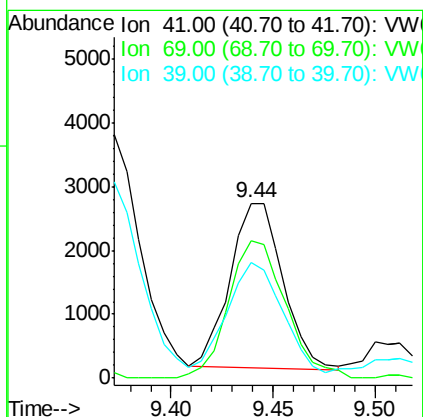
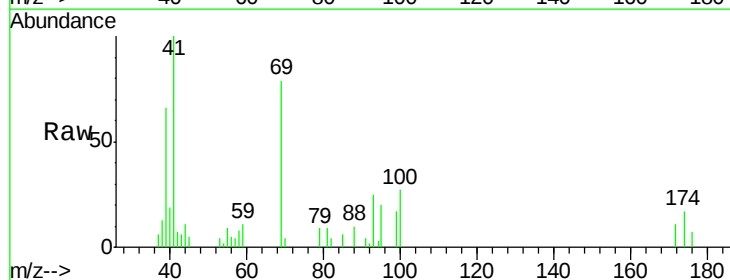
Tgt Ion: 41 Resp: 4666

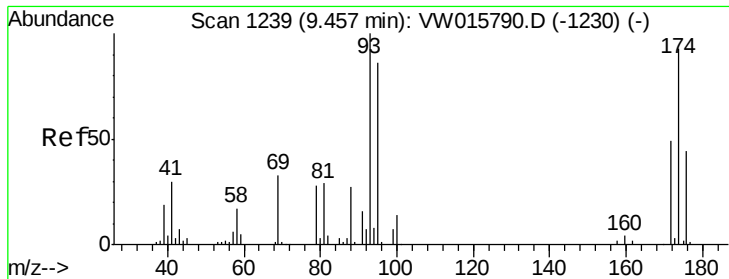
Ion Ratio Lower Upper

41 100

69 89.6 67.1 100.7

39 76.3 49.9 74.9#

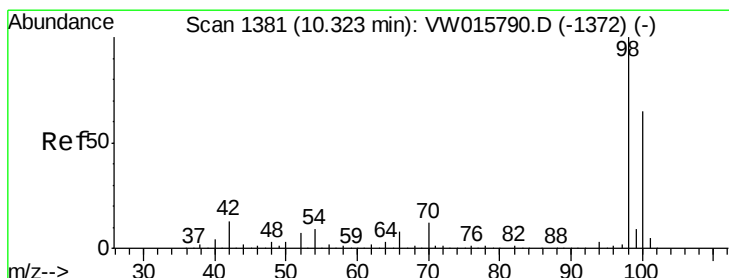
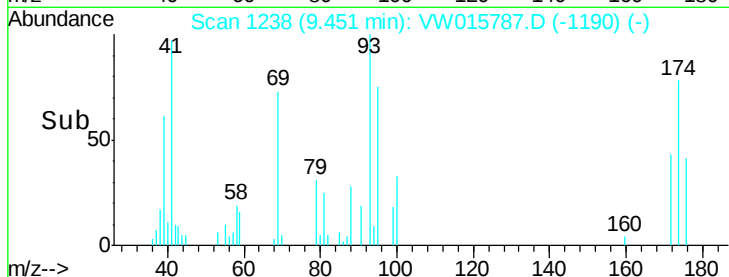
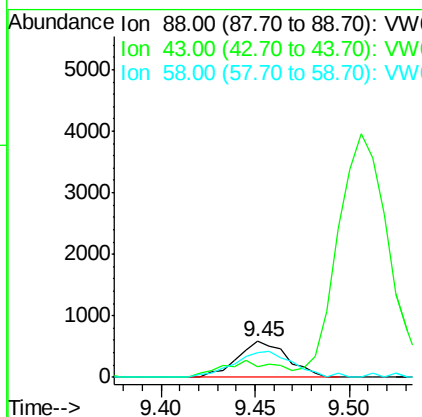
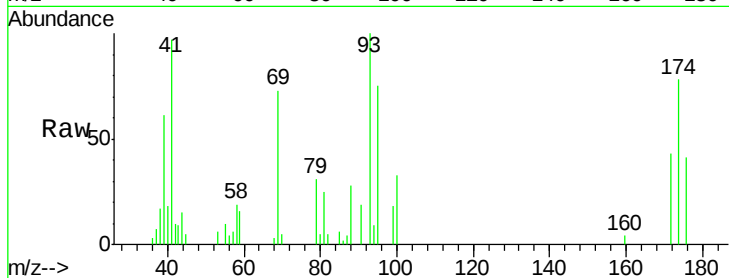




#49
1,4-Dioxane
Concen: 76.206 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

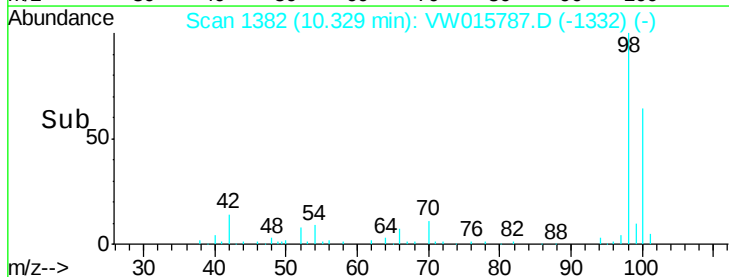
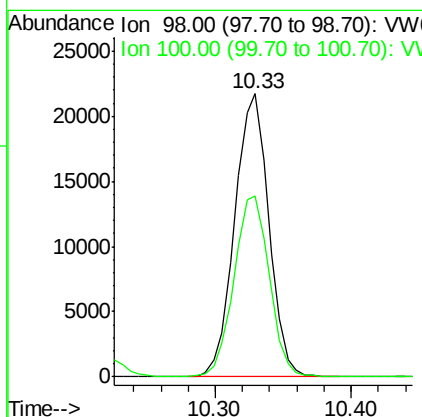
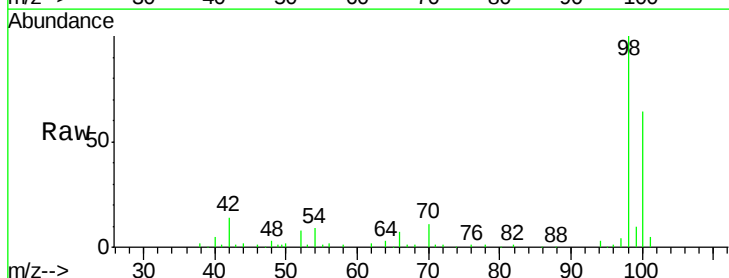
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

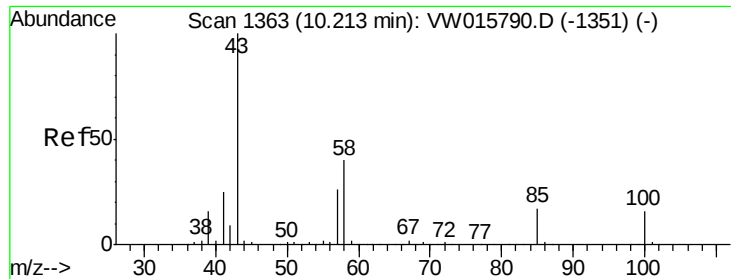
Tot Ion: 88 Resp: 1074
Ion Ratio Lower Upper
88 100
43 52.6 28.1 42.1#
58 85.8 59.3 88.9



#50
Toluene-d8
Concen: 5.179 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 98 Resp: 38048
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0

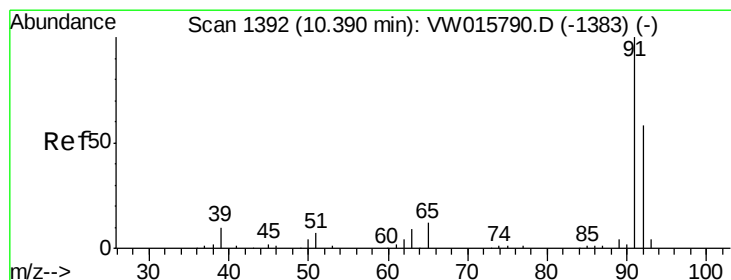
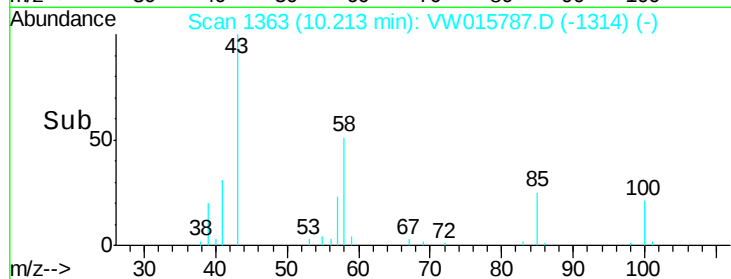
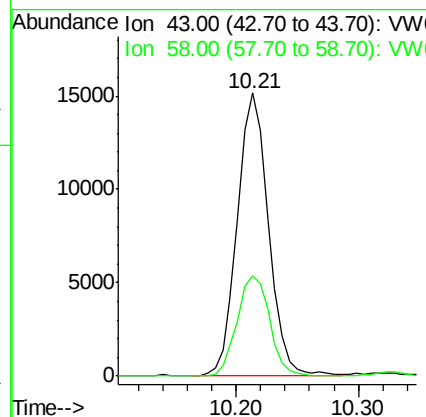
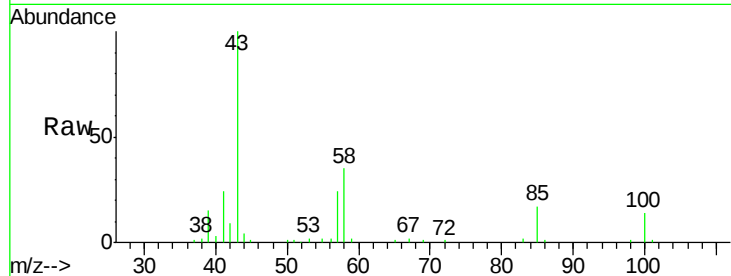




#51
4-Methyl-2-Pentanone
Concen: 22.764 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

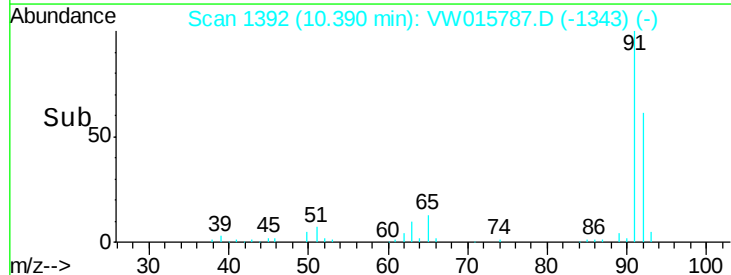
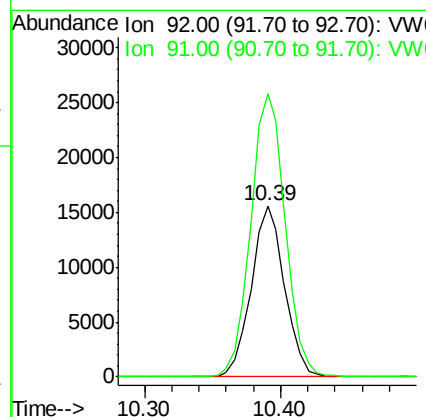
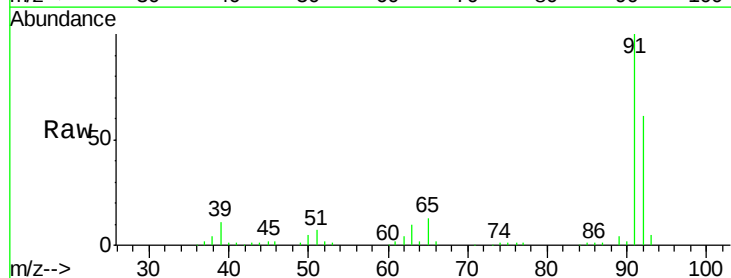
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

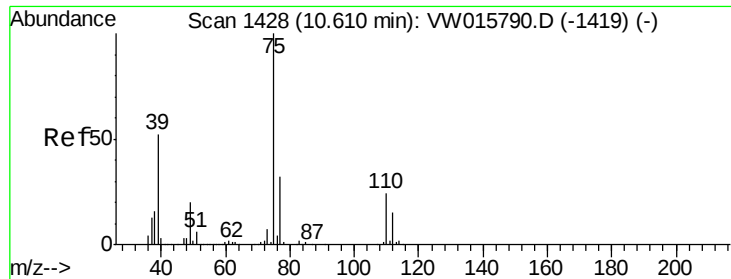
Tot Ion: 43 Resp: 26839
Ion Ratio Lower Upper
43 100
58 36.6 30.9 46.3



#52
Toluene
Concen: 4.745 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 92 Resp: 26659
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7

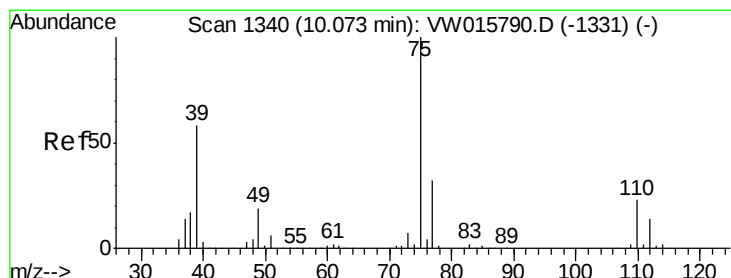
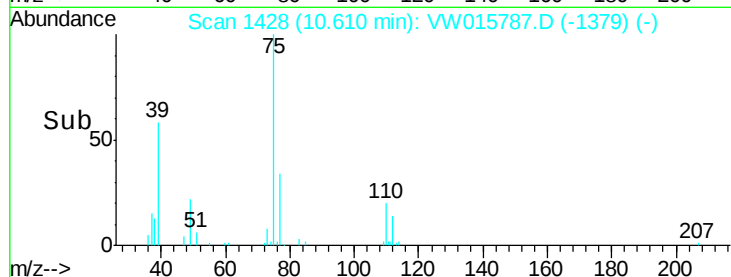
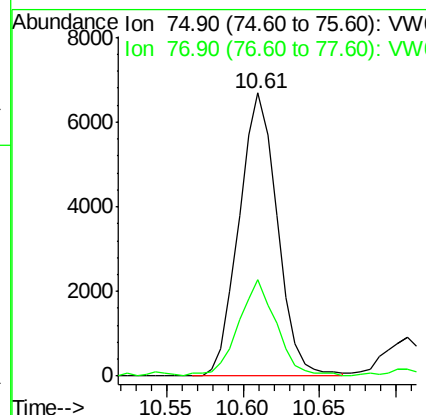
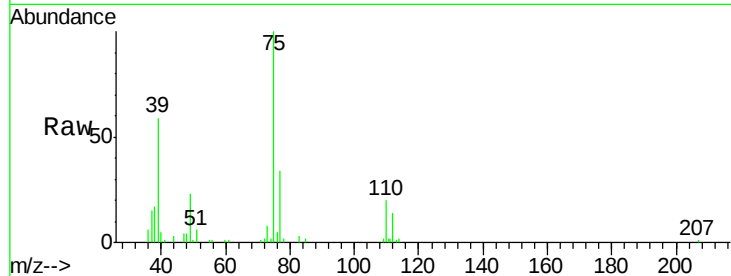




#53
t-1,3-Dichloropropene
Concen: 4.214 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

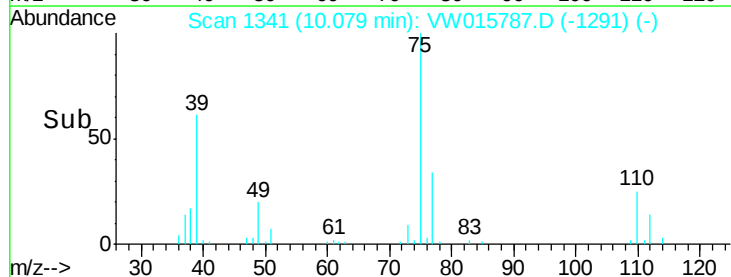
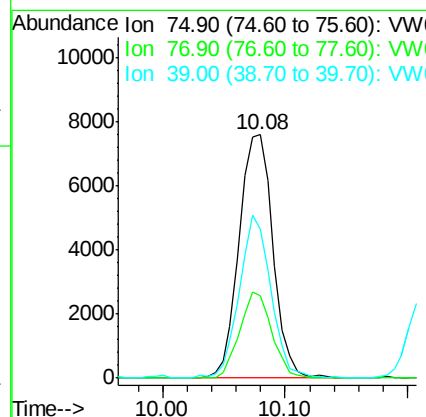
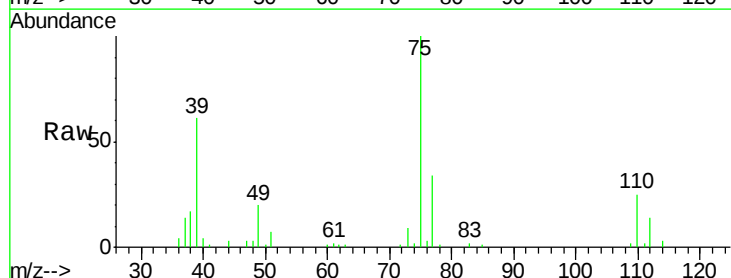
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

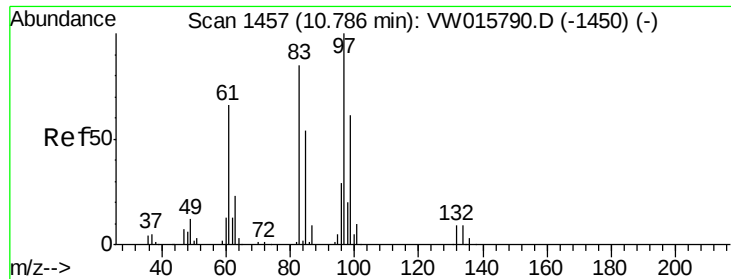
Tot Ion: 75 Resp: 11631
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 4.419 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 75 Resp: 14585
Ion Ratio Lower Upper
75 100
77 33.6 25.2 37.8
39 61.2 46.0 69.0

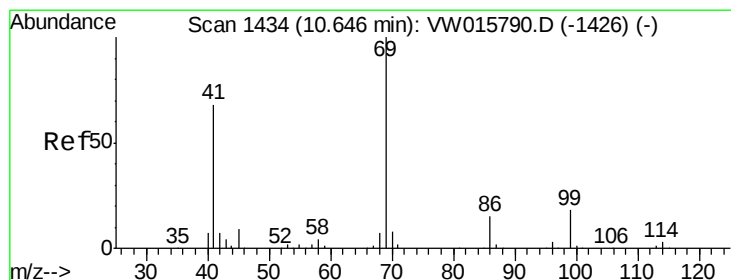
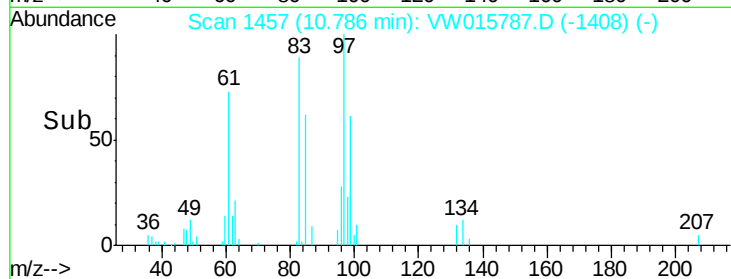
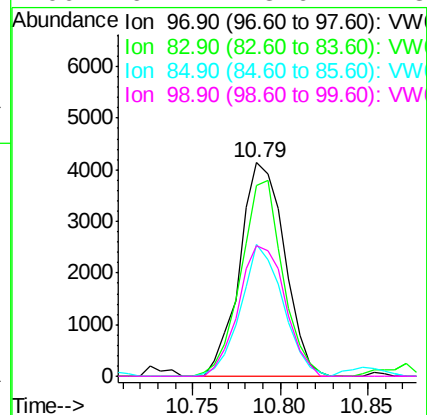
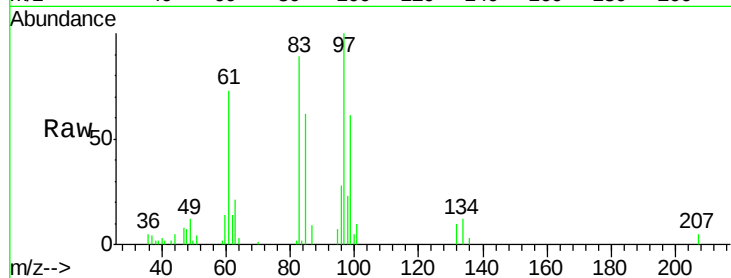




#55
 1,1,2-Trichloroethane
 Concen: 4.765 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

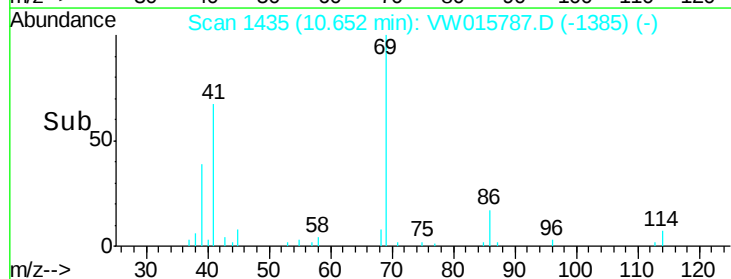
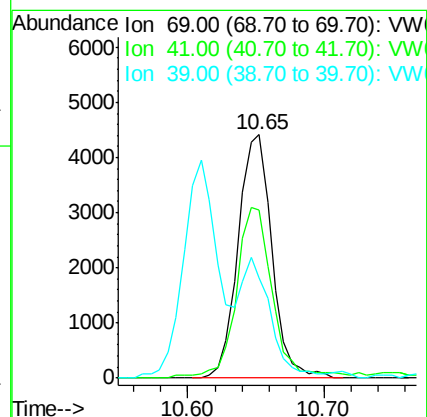
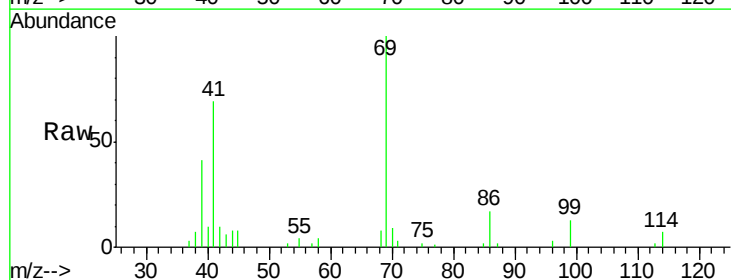
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

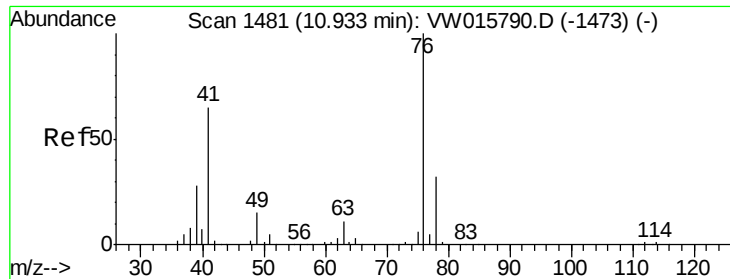
Tot Ion:	97	Resp:	7367
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.4
85	61.6	43.4	65.0
99	61.2	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 4.047 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion:	69	Resp:	7658
Ion	Ratio	Lower	Upper
69	100		
41	75.3	55.0	82.6
39	39.3	33.8	50.8

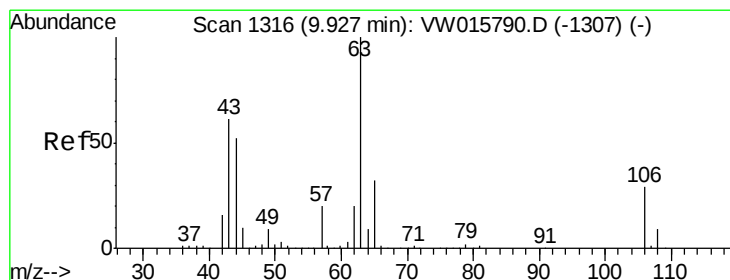
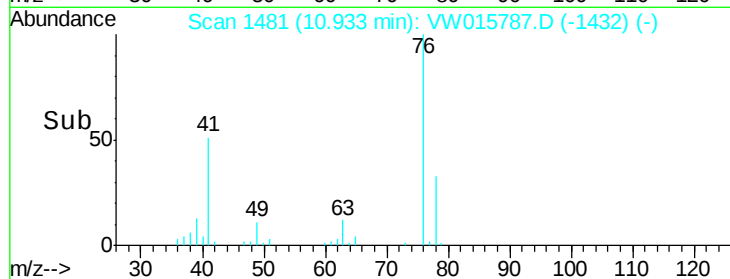
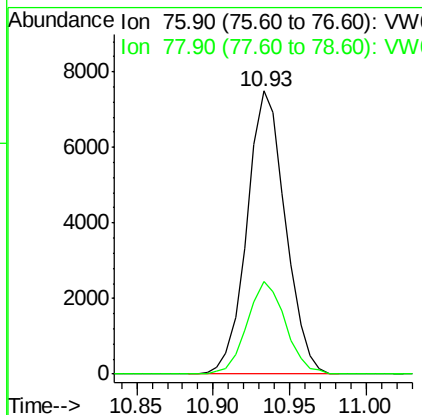
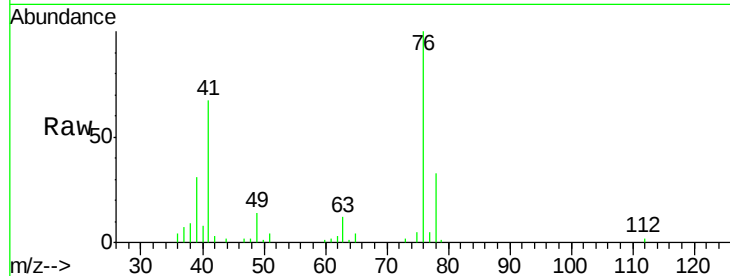




#57
 1,3-Dichloropropane
 Concen: 4.791 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

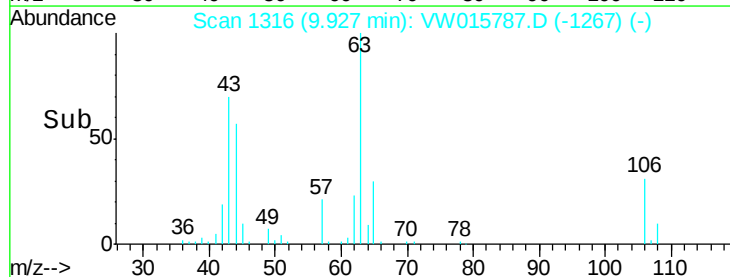
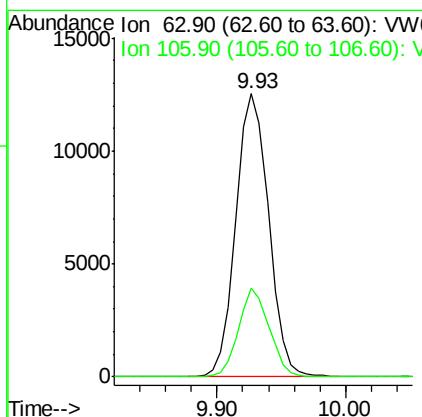
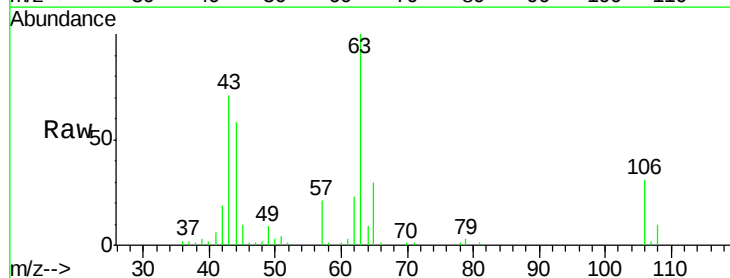
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

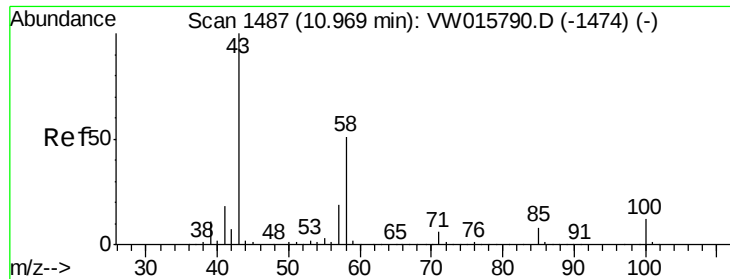
Tot Ion: 76 Resp: 13050
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.392 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 63 Resp: 22153
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.1 34.7





#59

2-Hexanone

Concen: 20.908 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

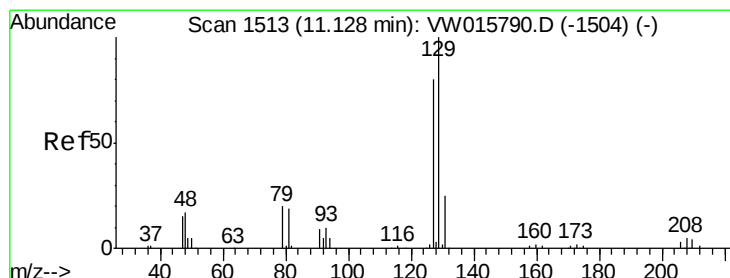
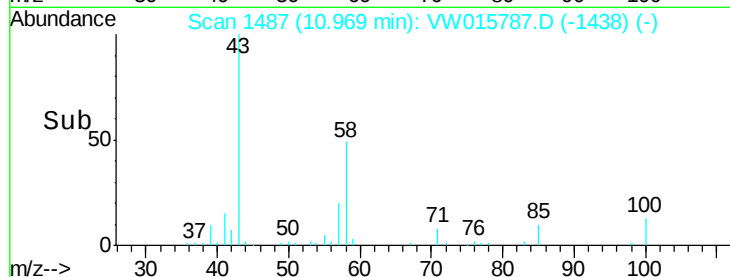
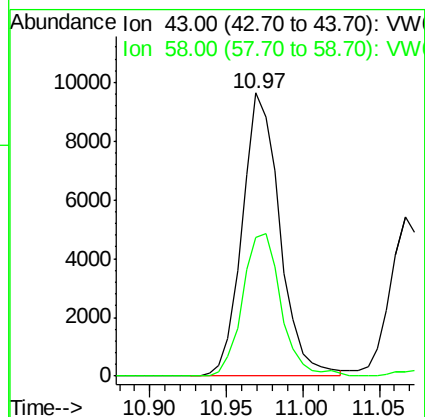
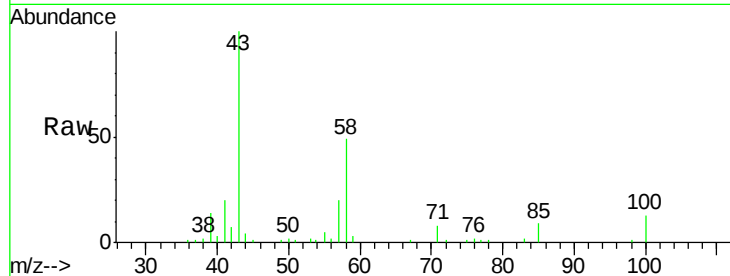
VSTDIC005

Tot Ion: 43 Resp: 16508

Ion Ratio Lower Upper

43 100

58 51.2 26.2 78.5



#60

Dibromochloromethane

Concen: 4.334 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW015787.D

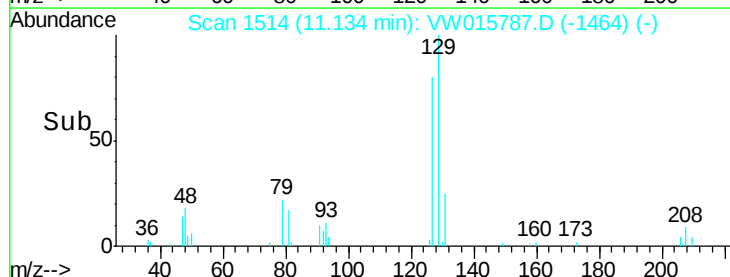
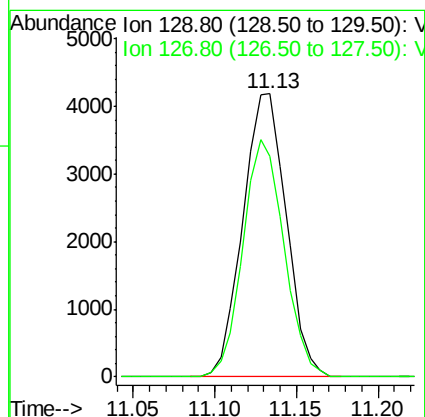
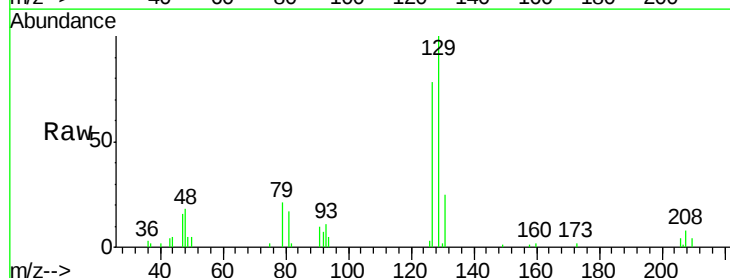
Acq: 07 Jul 2020 11:07

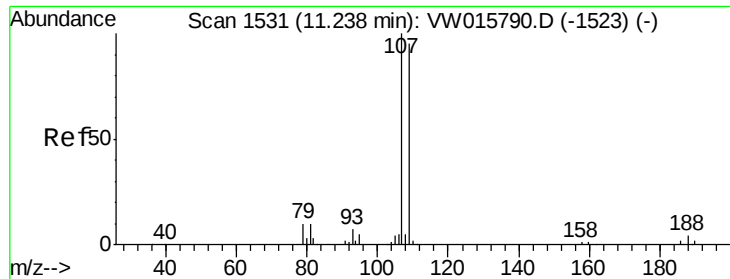
Tgt Ion: 129 Resp: 7752

Ion Ratio Lower Upper

129 100

127 79.3 39.4 118.1

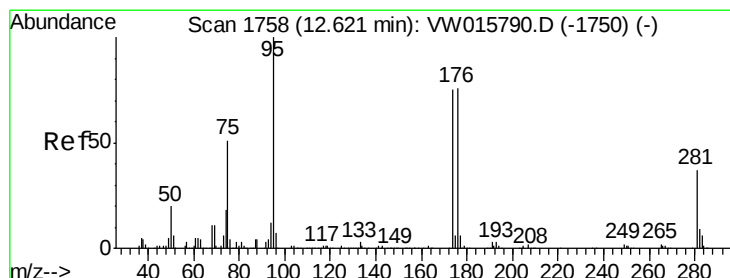
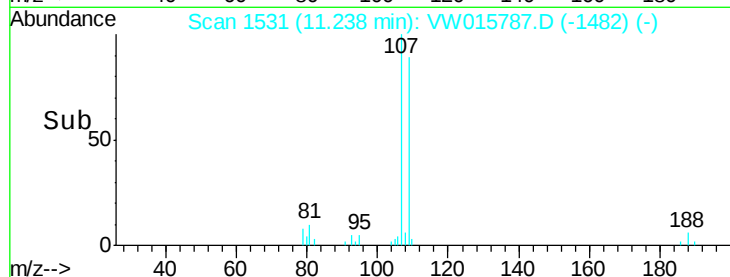
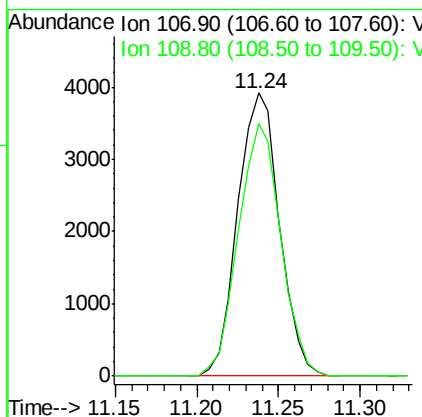
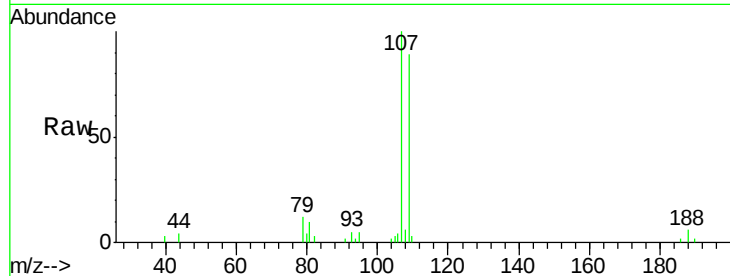




#61
 1,2-Dibromoethane
 Concen: 4.755 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

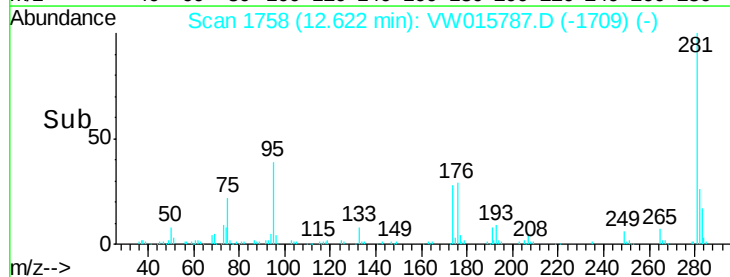
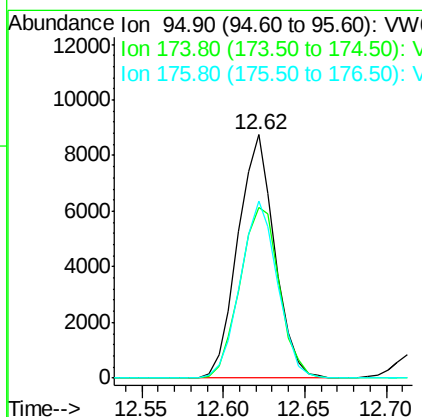
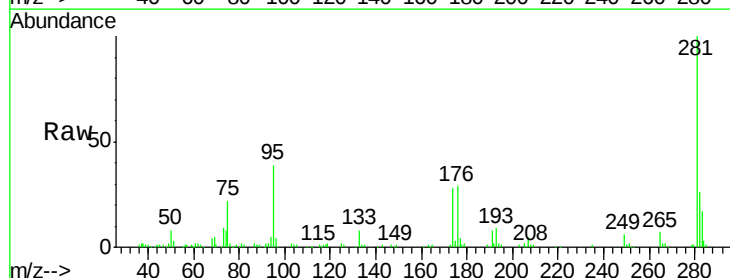
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:107 Resp: 6975
 Ion Ratio Lower Upper
 107 100
 109 90.7 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 5.101 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 95 Resp: 13754
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 150.2
 176 73.5 0.0 148.4

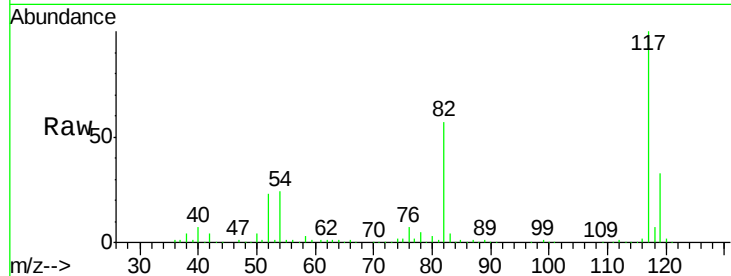




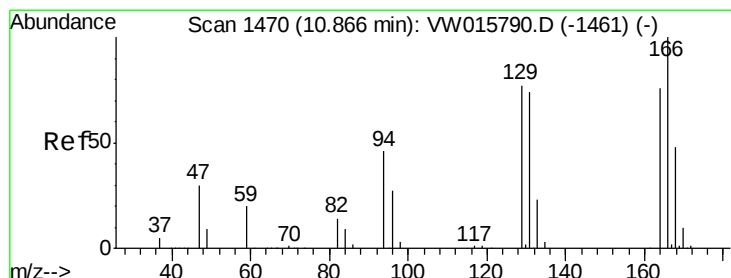
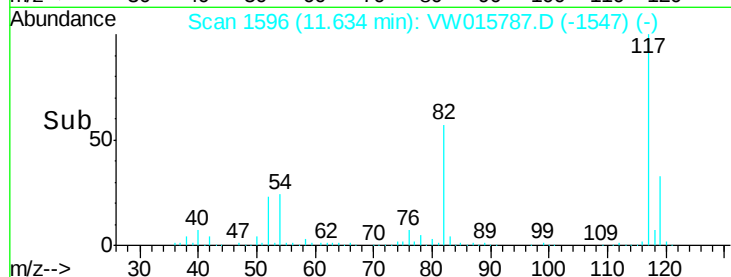
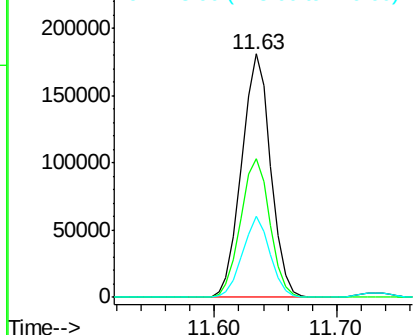
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 298131
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 33.2 25.0 37.6



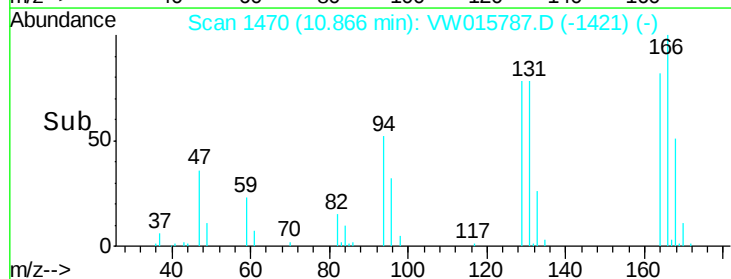
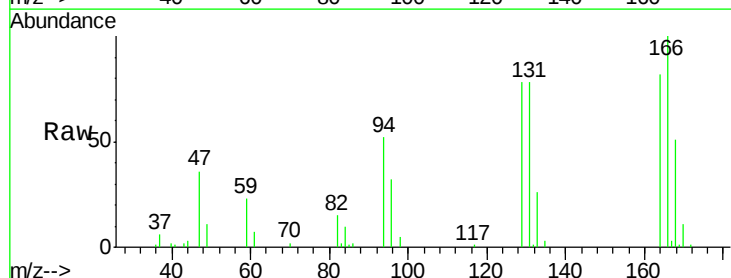
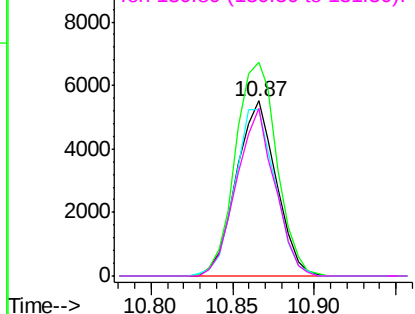
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

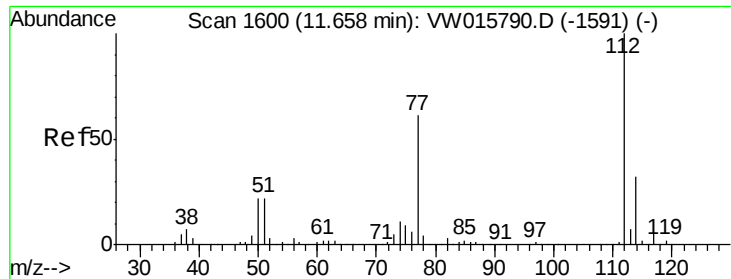


#64
Tetrachloroethene
Concen: 4.986 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion:164 Resp: 9415
Ion Ratio Lower Upper
164 100
166 121.8 105.1 157.7
129 95.1 80.6 121.0
131 95.6 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

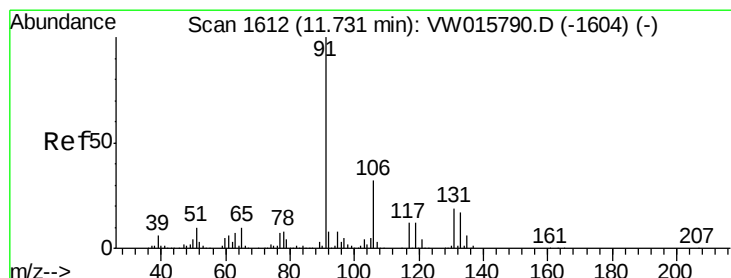
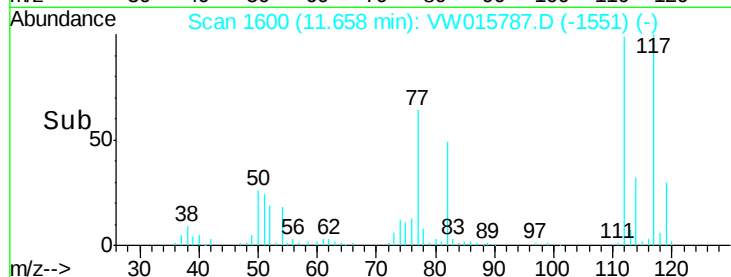
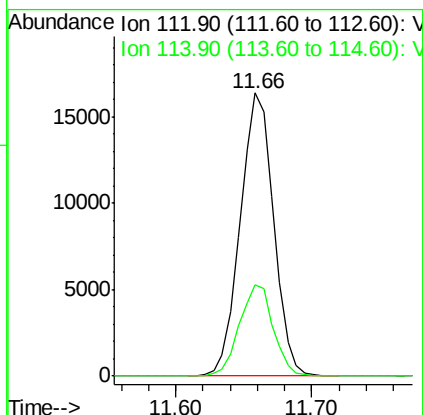
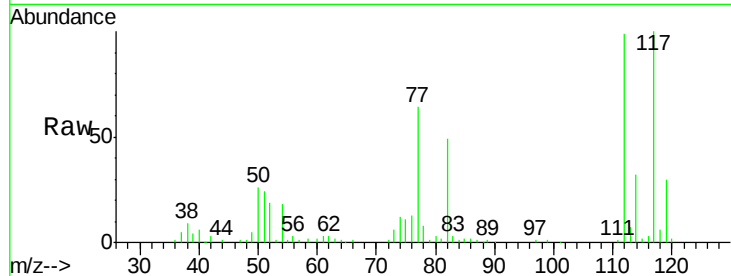




#65
Chlorobenzene
Concen: 4.814 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

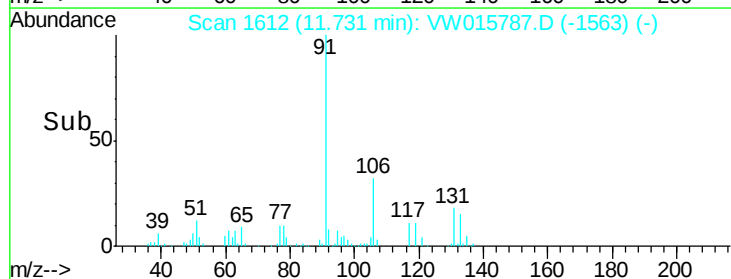
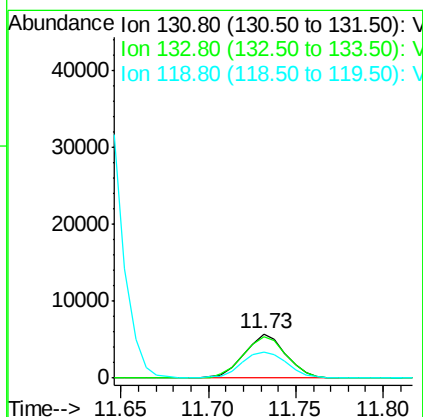
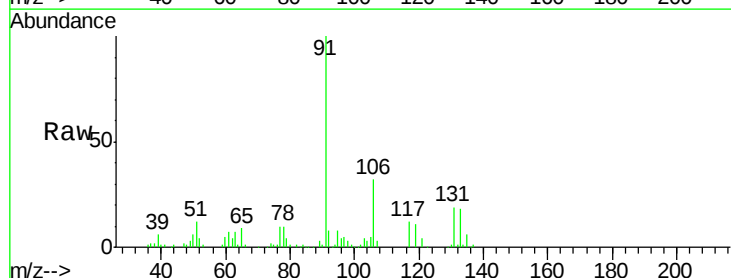
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

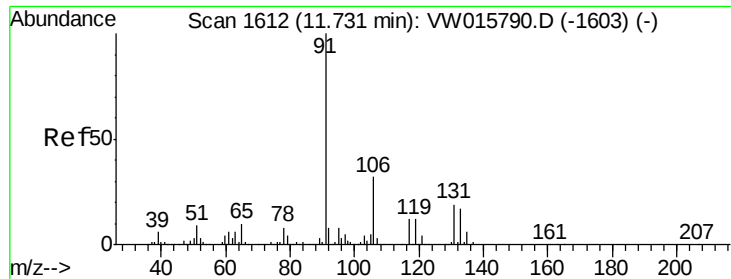
Tot Ion:112 Resp: 28168
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.563 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion:131 Resp: 9435
Ion Ratio Lower Upper
131 100
133 97.7 47.0 141.2
119 64.6 32.3 96.8

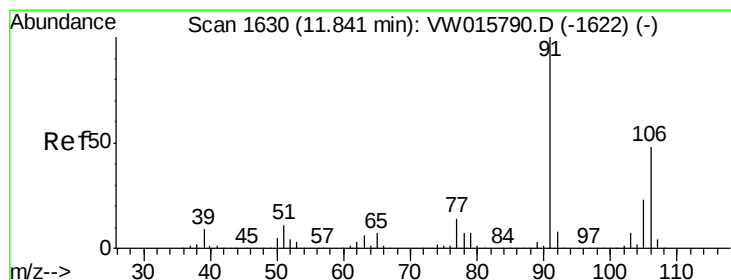
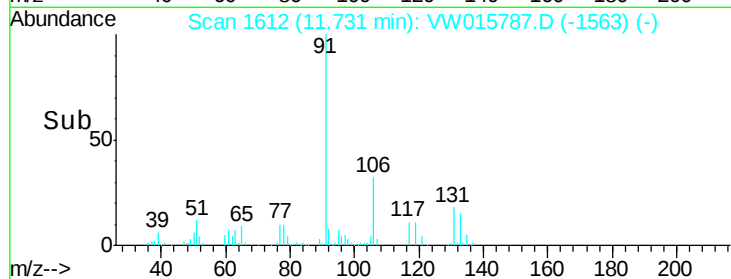
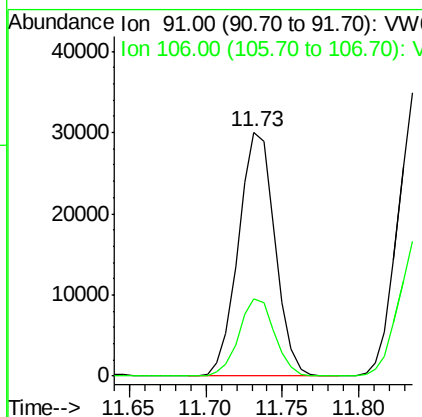
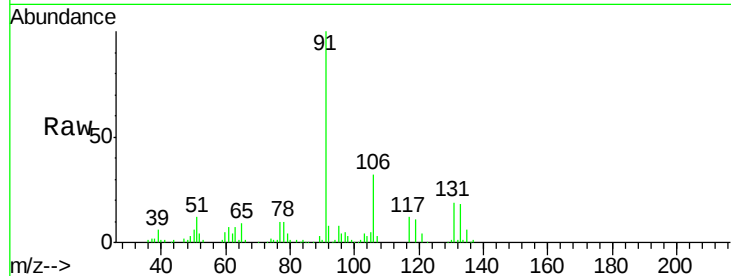




#67
Ethyl Benzene
Concen: 4.603 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

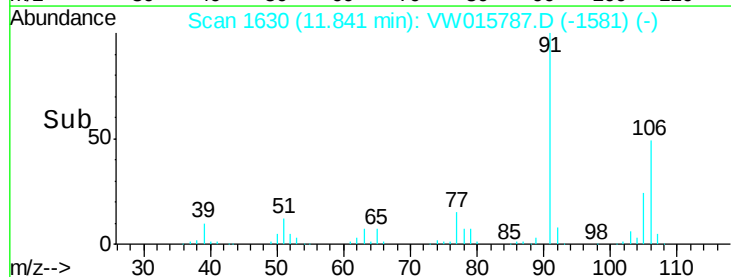
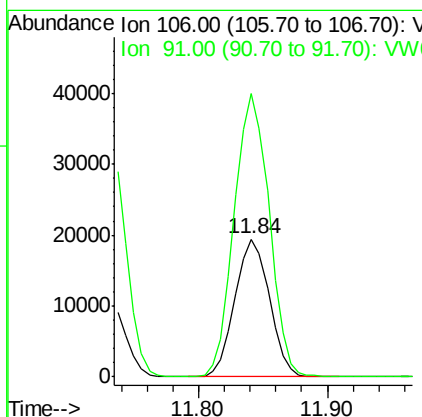
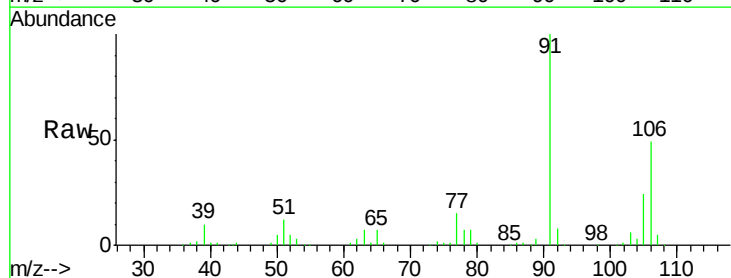
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

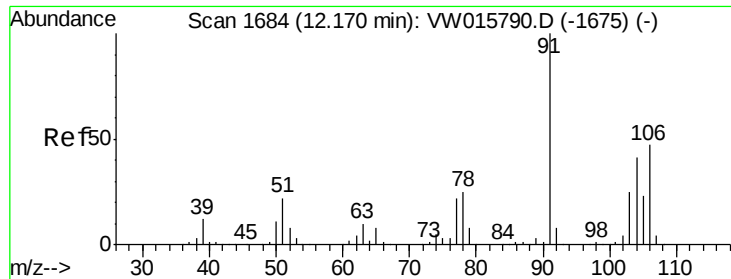
Tot Ion: 91 Resp: 49804
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 8.930 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion: 106 Resp: 36259
Ion Ratio Lower Upper
106 100
91 208.7 164.1 246.1

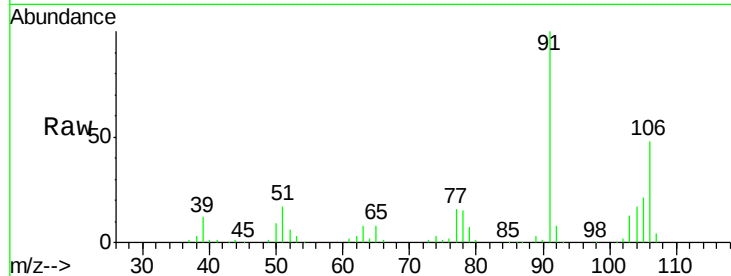




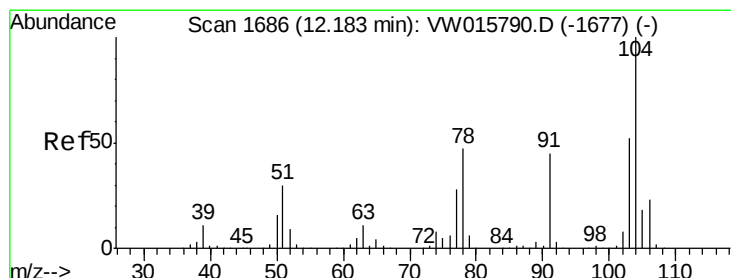
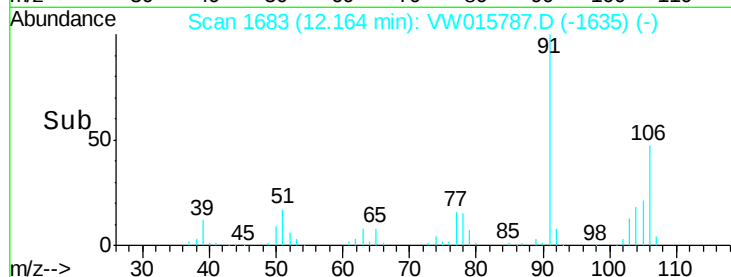
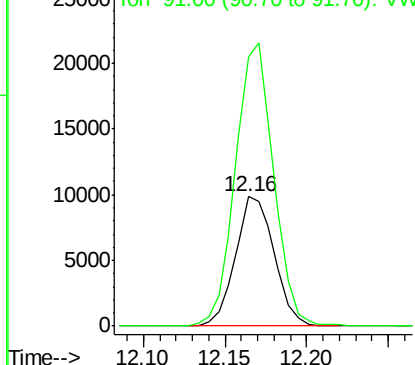
#69
o-Xylene
Concen: 4.407 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 16303
Ion Ratio Lower Upper
106 100
91 215.8 108.5 325.3

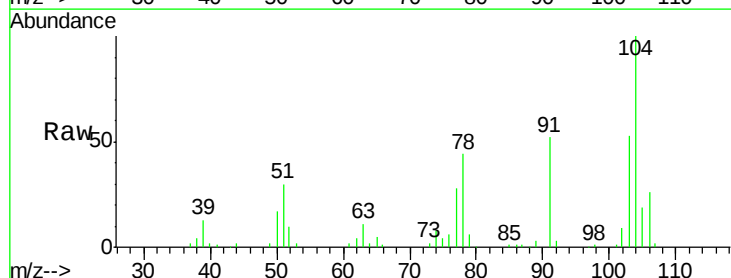


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

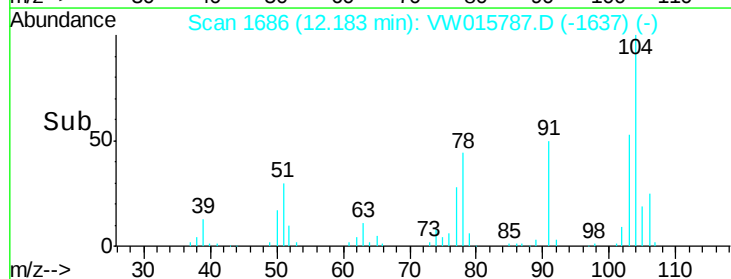
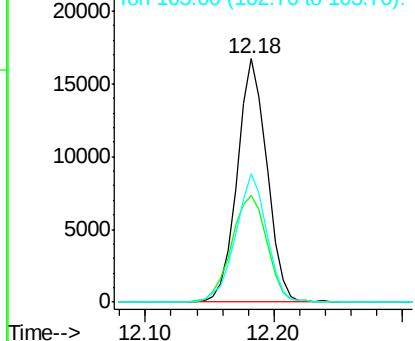


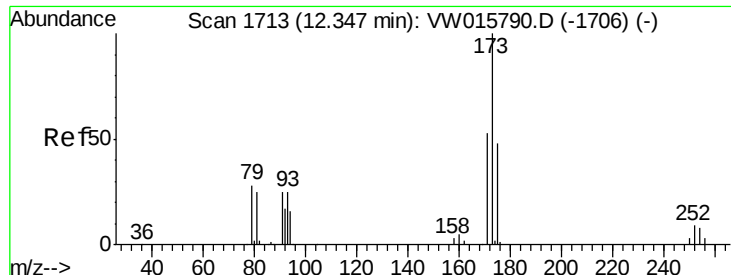
#70
Styrene
Concen: 4.195 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion:104 Resp: 26714
Ion Ratio Lower Upper
104 100
78 52.4 41.0 61.4
103 55.3 43.8 65.8



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





#71

Bromoform

Concen: 4.204 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

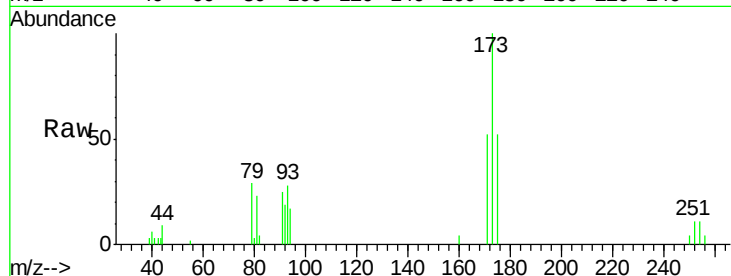
Tot Ion:173 Resp: 3957

Ion Ratio Lower Upper

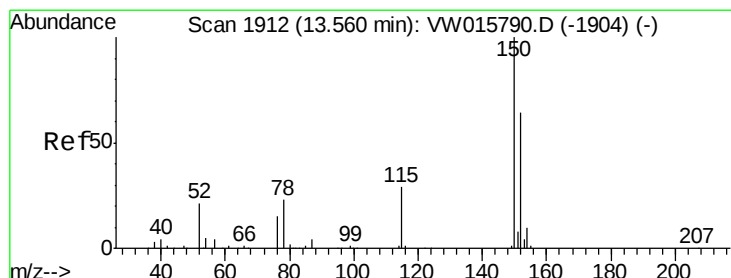
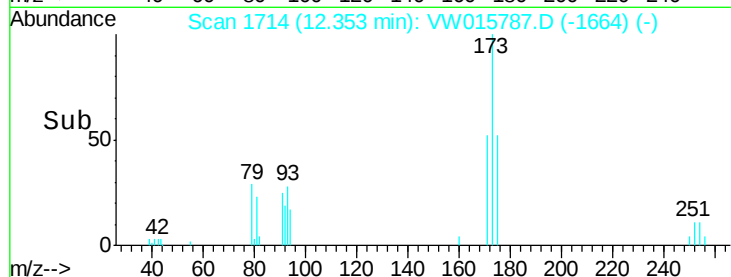
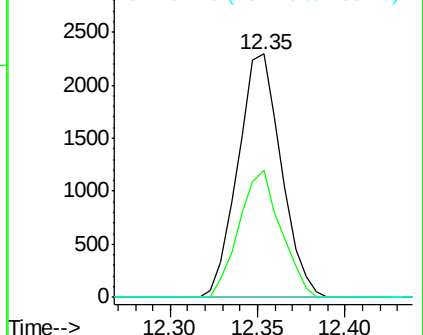
173 100

175 50.2 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

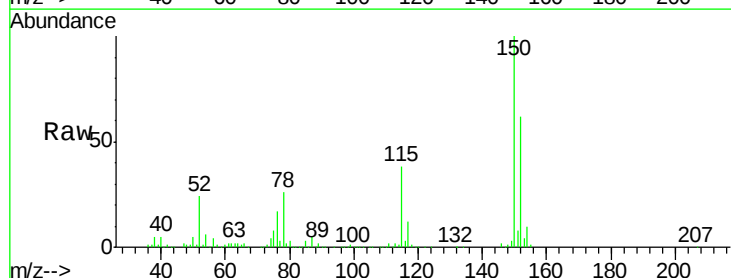
Tgt Ion:152 Resp: 142618

Ion Ratio Lower Upper

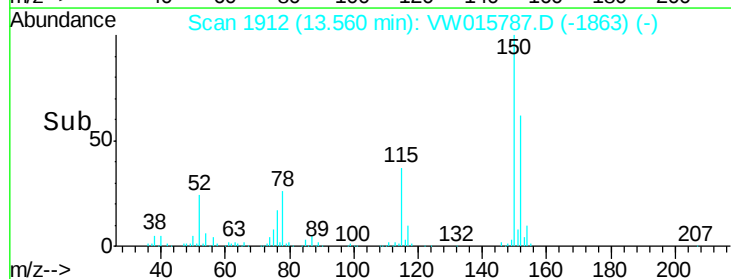
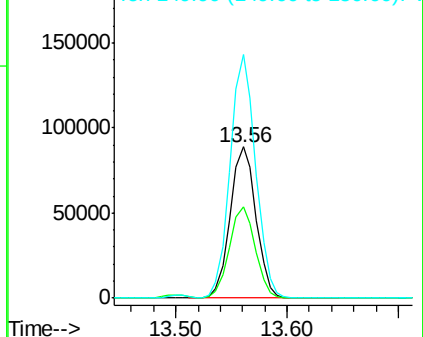
152 100

115 60.4 29.9 89.7

150 159.4 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: 4.485 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

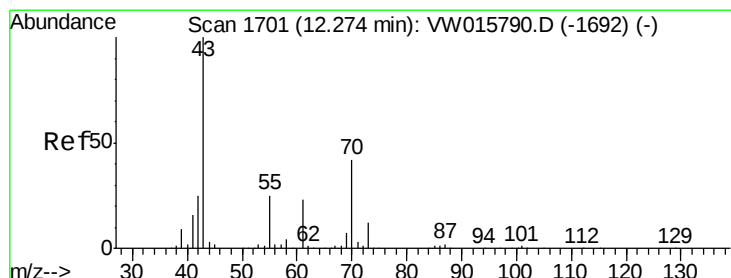
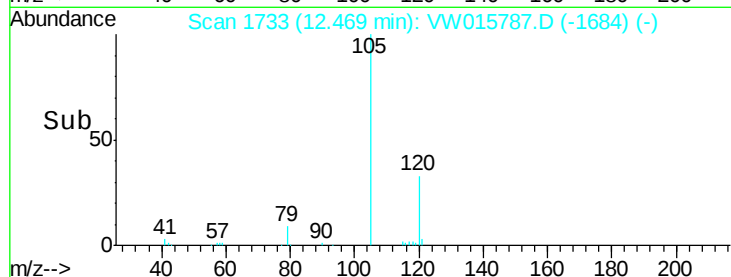
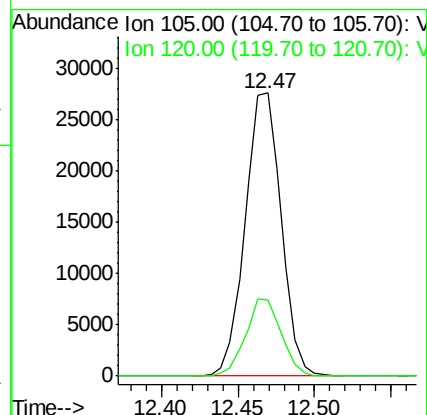
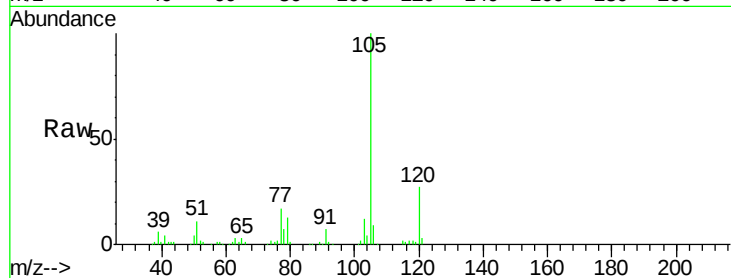
VSTDIC005

Tot Ion:105 Resp: 45107

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



#74

N-ethyl acetate

Concen: 4.348 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Tgt Ion: 43 Resp: 9272

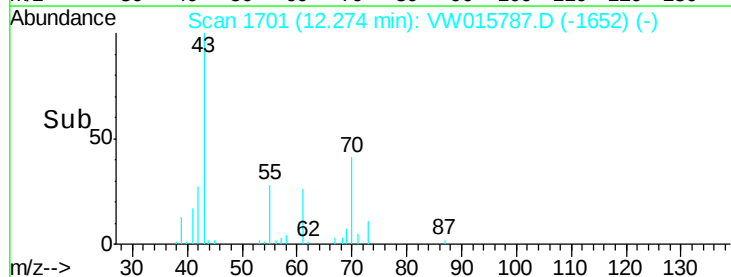
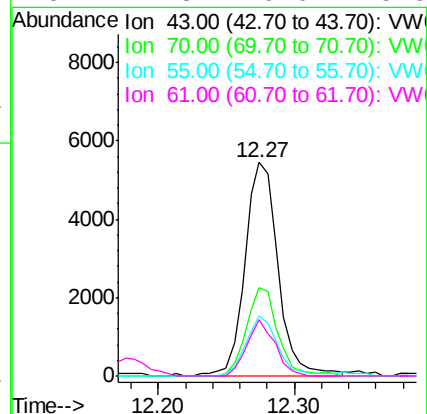
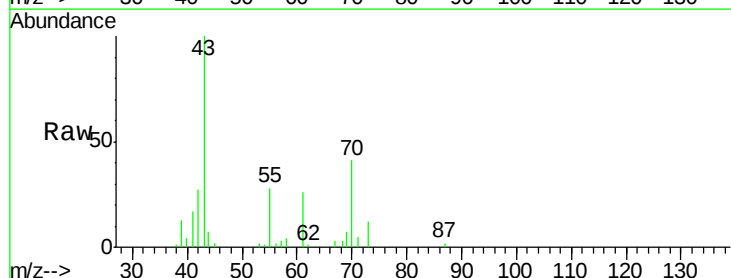
Ion Ratio Lower Upper

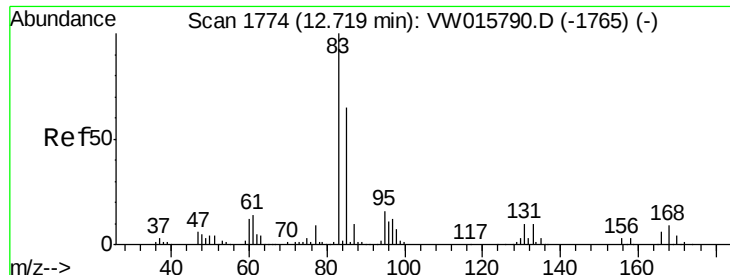
43 100

70 39.3 34.1 51.1

55 27.0 20.0 30.0

61 22.3 19.0 28.6

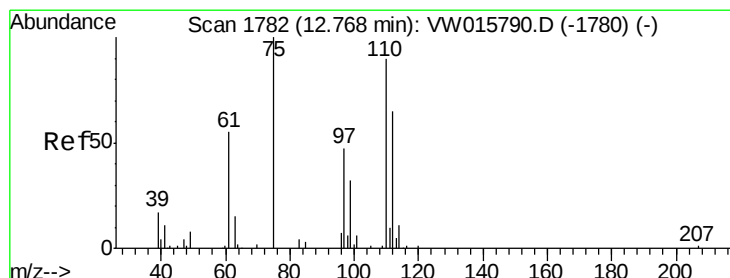
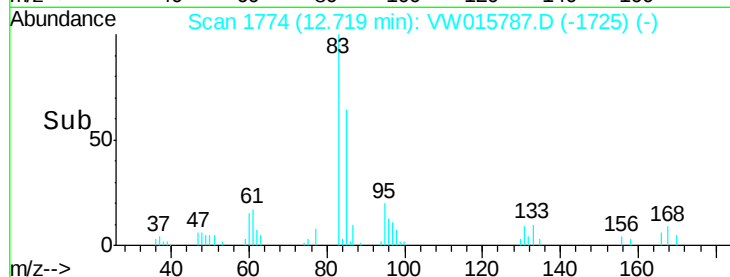
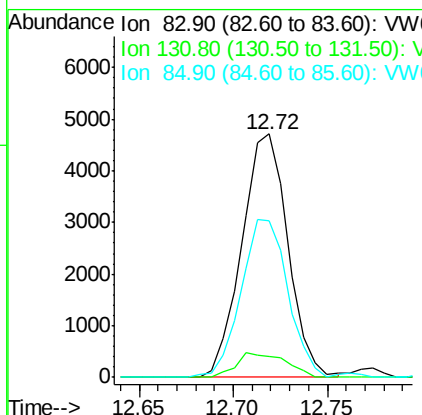
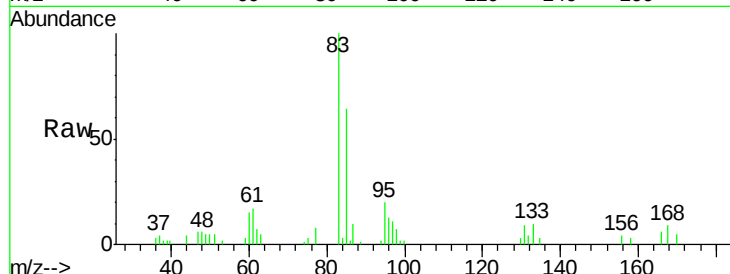




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.803 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

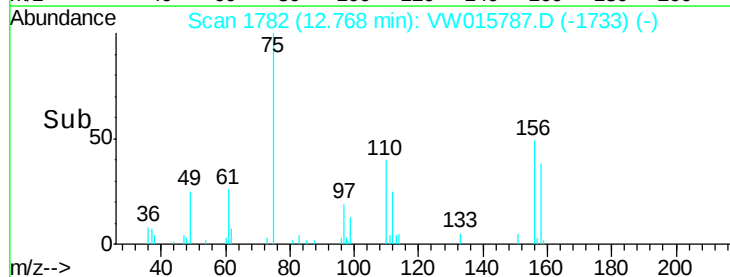
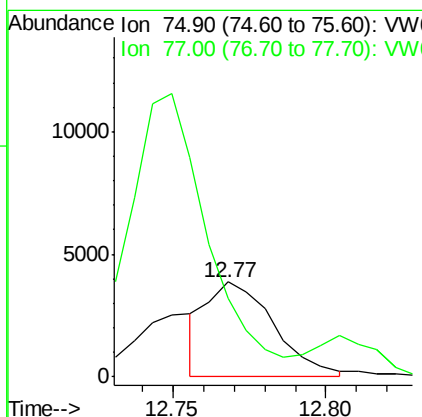
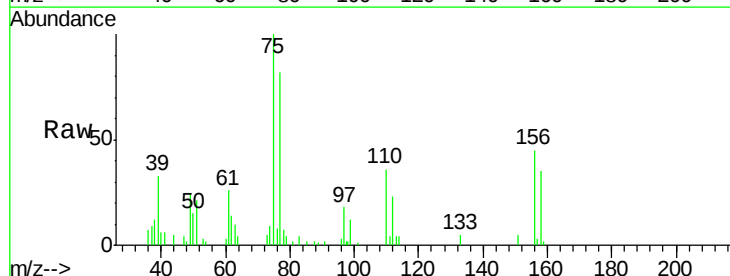
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

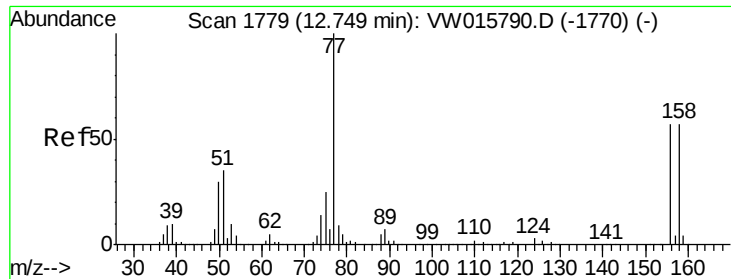
Tot Ion	83	Resp	7989
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	65.9	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 4.443 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion	75	Resp	5906
Ion Ratio	Lower	Upper	
75	100		
77	354.9	177.3	532.0





#77

Bromobenzene

Concen: 4.885 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

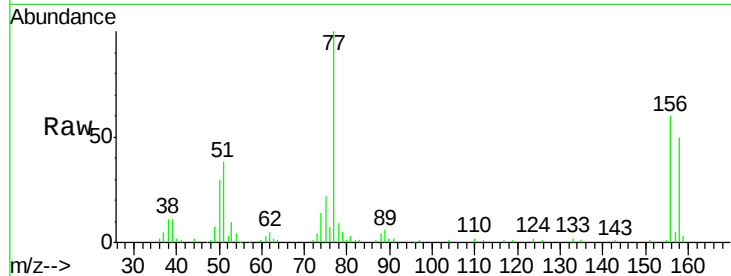
Tot Ion:156 Resp: 10953

Ion Ratio Lower Upper

156 100

77 191.4 98.8 296.4

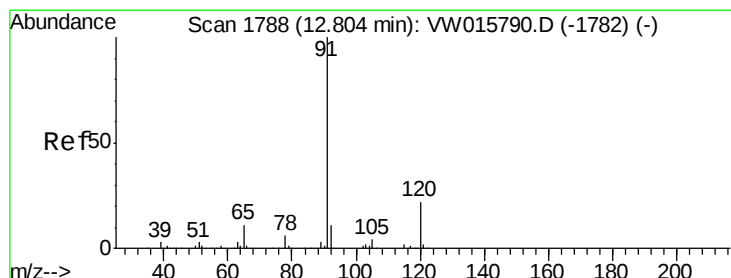
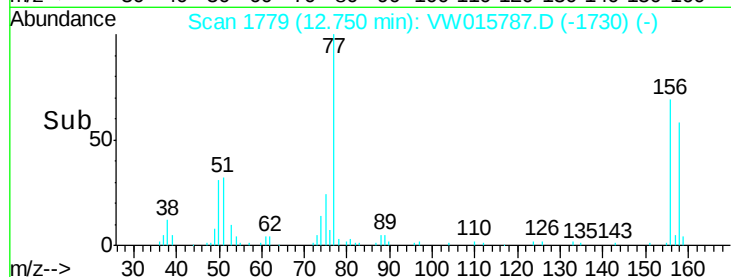
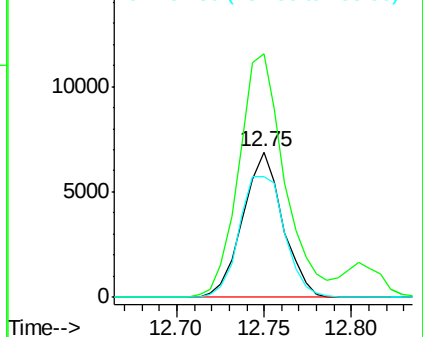
158 94.6 50.0 149.8



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: 4.534 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015787.D

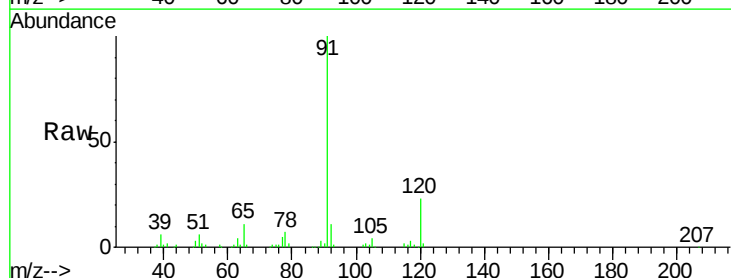
Acq: 07 Jul 2020 11:07

Tgt Ion: 91 Resp: 55498

Ion Ratio Lower Upper

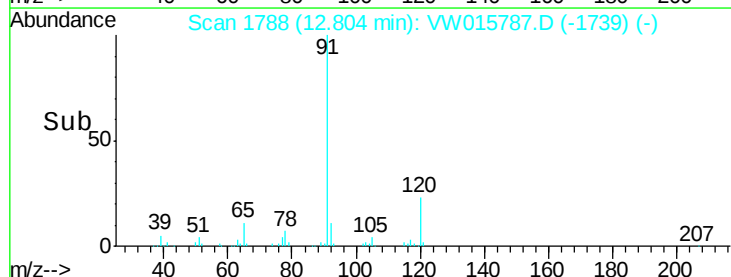
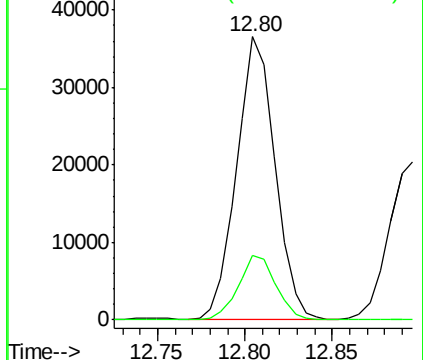
91 100

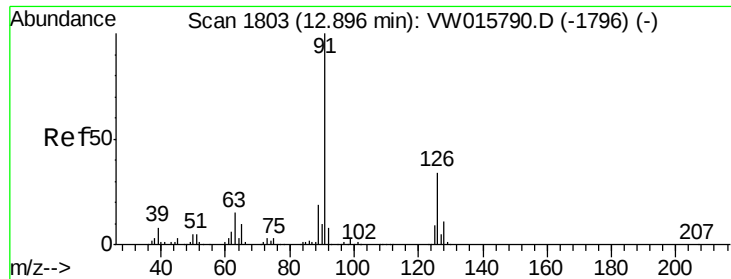
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

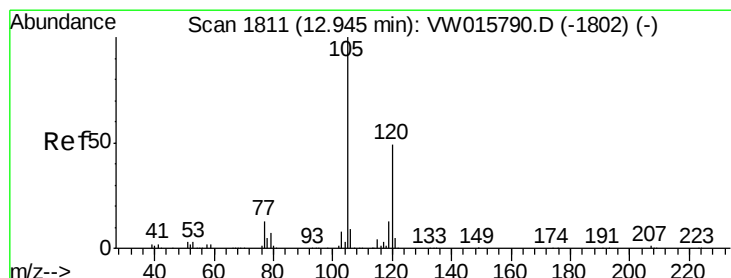
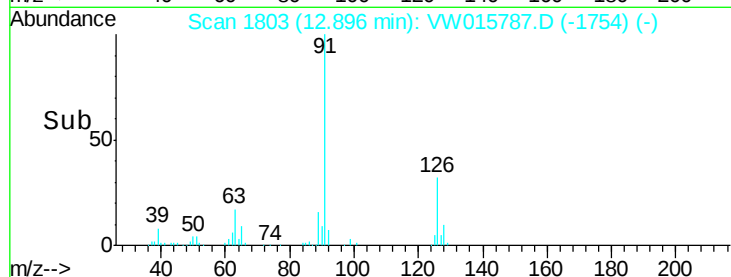
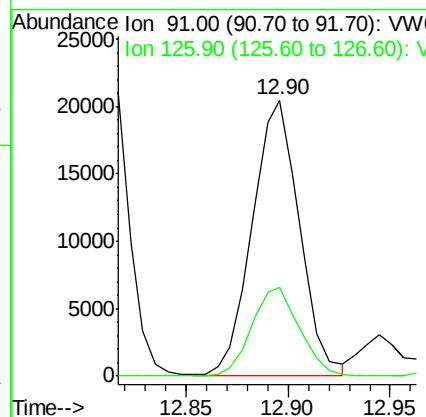
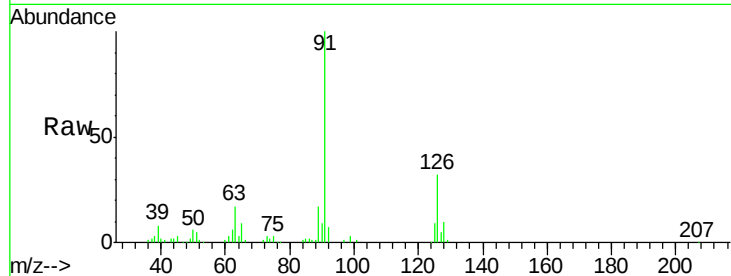




#79
 2-Chlorotoluene
 Concen: 4.706 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

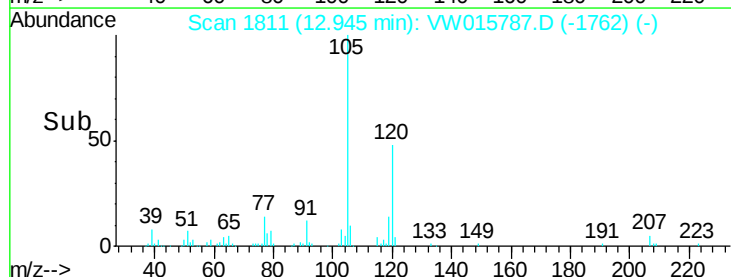
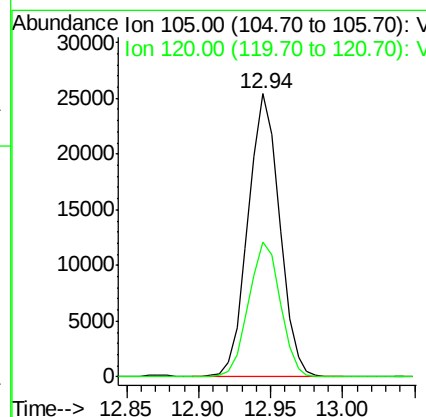
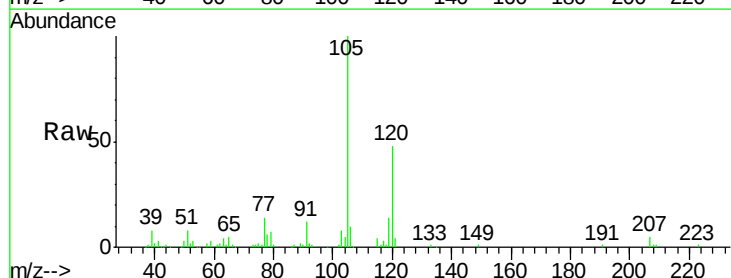
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

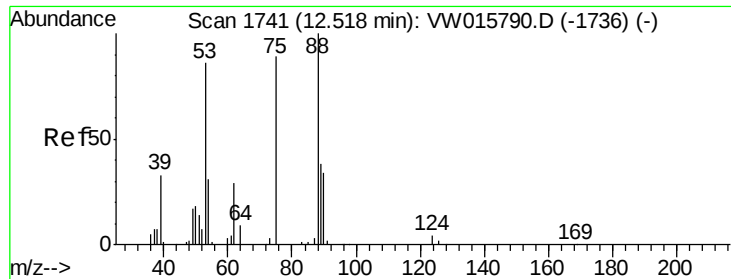
Tot Ion: 91 Resp: 32765
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 4.501 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion: 105 Resp: 38563
 Ion Ratio Lower Upper
 105 100
 120 47.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.064 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

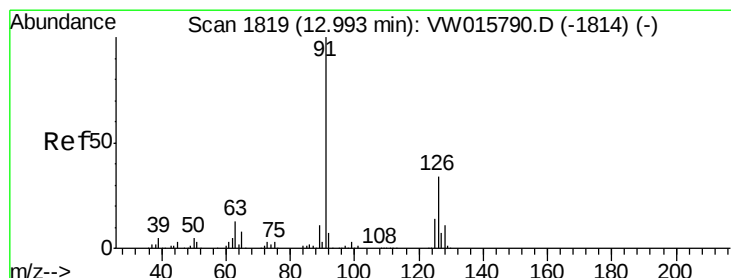
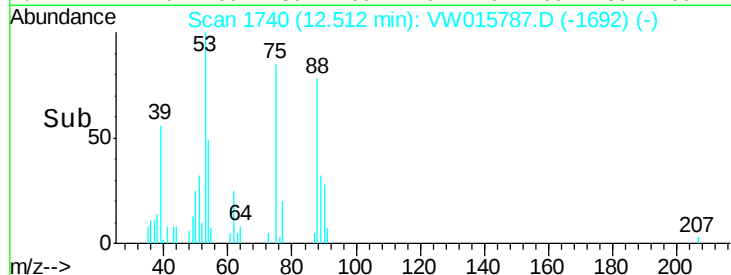
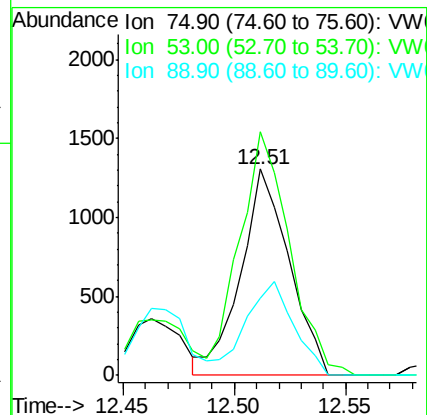
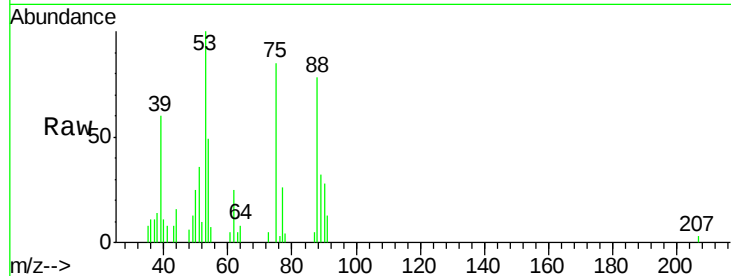
Tot Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

53 121.8 85.9 128.9

89 45.8 36.2 54.4



#82

4-Chlorotoluene

Concen: 4.720 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW015787.D

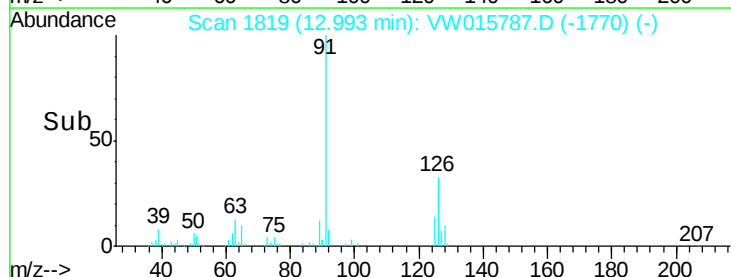
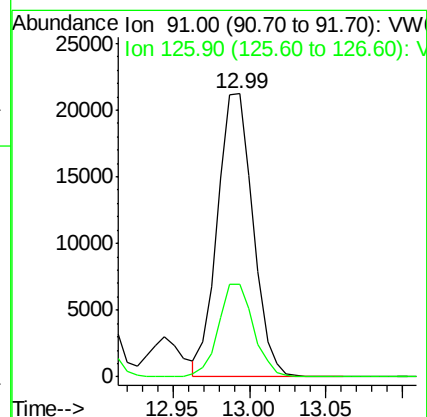
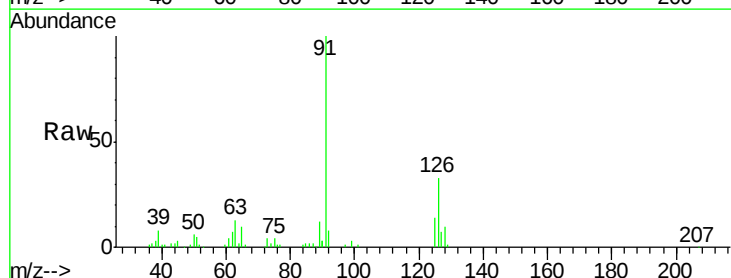
Acq: 07 Jul 2020 11:07

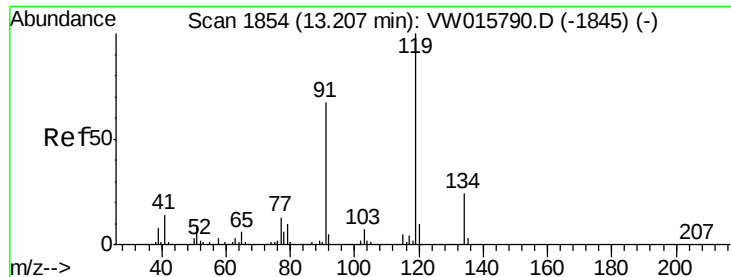
Tgt Ion: 91 Resp: 34353

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9

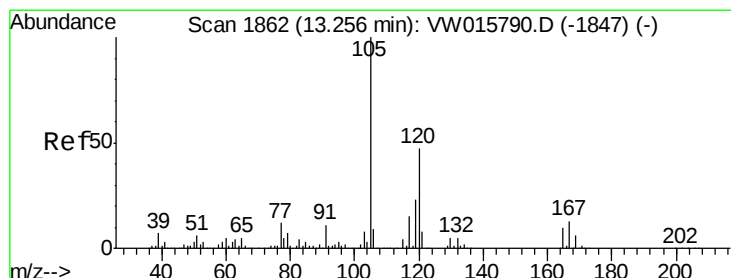
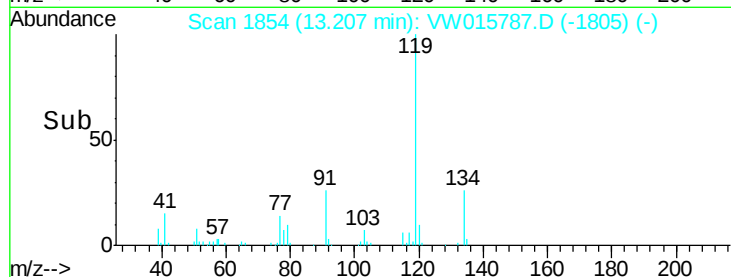
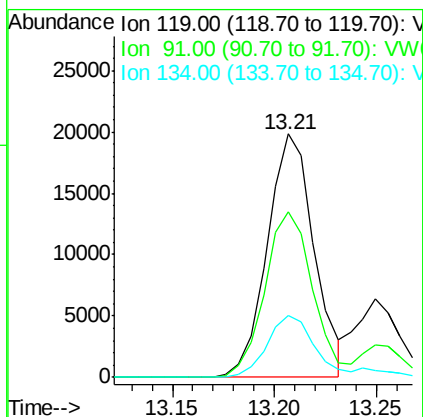
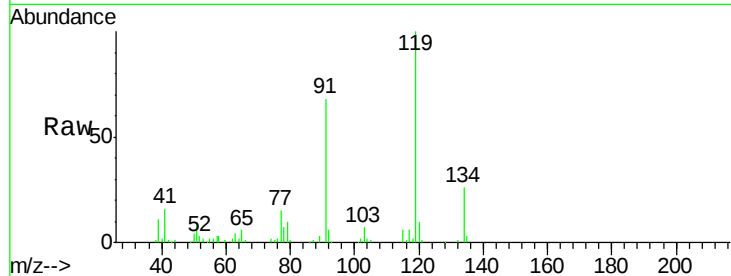




#83
tert-Butylbenzene
Concen: 4.441 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

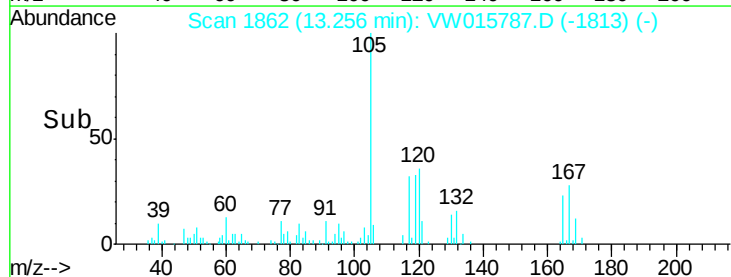
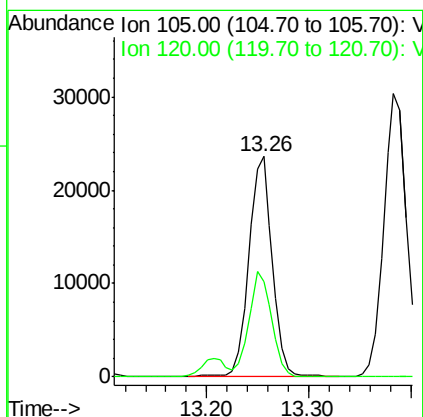
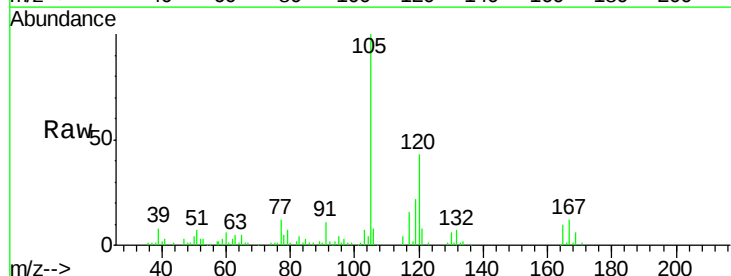
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

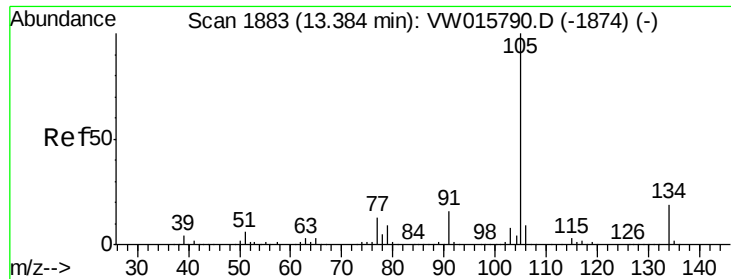
Tot Ion:119 Resp: 31672
Ion Ratio Lower Upper
119 100
91 70.1 34.4 103.3
134 25.5 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 4.434 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW015787.D
Acq: 07 Jul 2020 11:07

Tgt Ion:105 Resp: 37872
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4

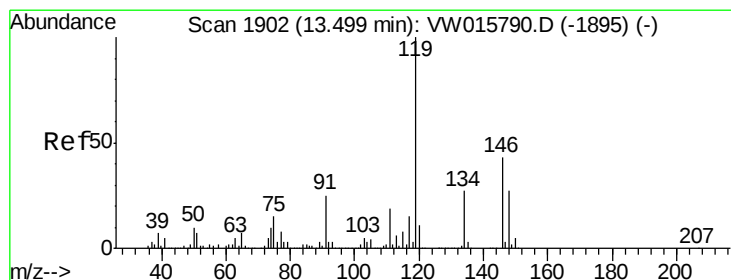
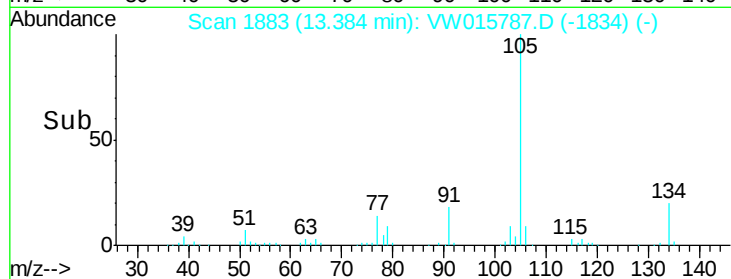
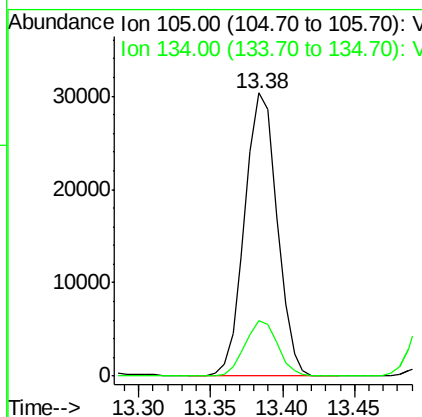
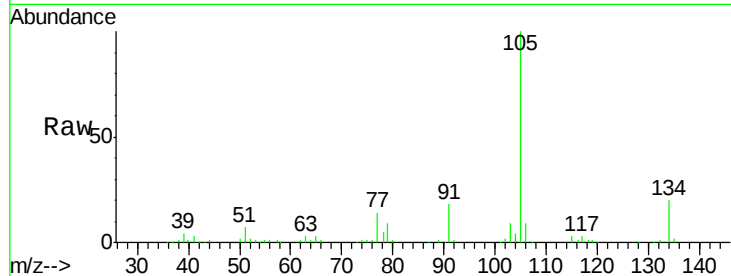




#85
 sec-Butylbenzene
 Concen: 4.629 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

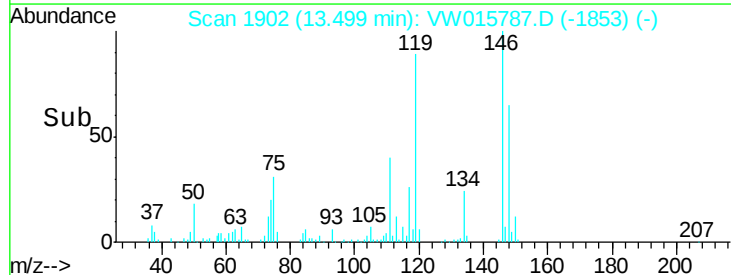
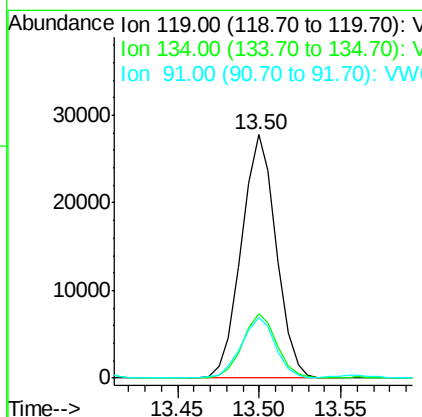
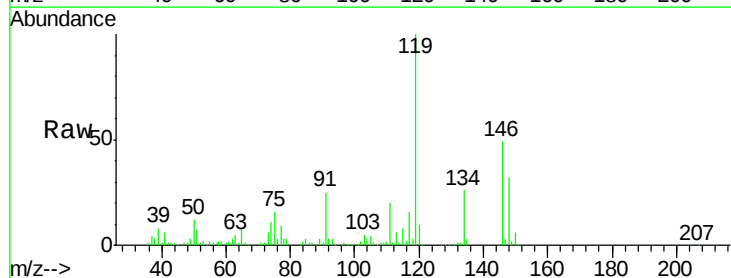
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

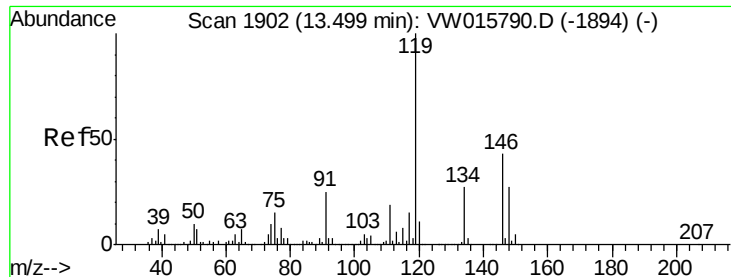
Tot Ion:105 Resp: 47537
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.411 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion:119 Resp: 41286
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 4.771 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

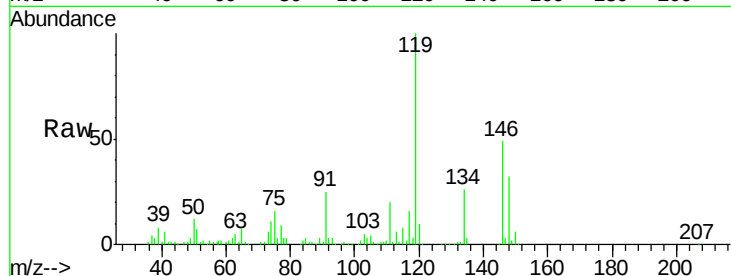
Tot Ion:146 Resp: 21649

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.4

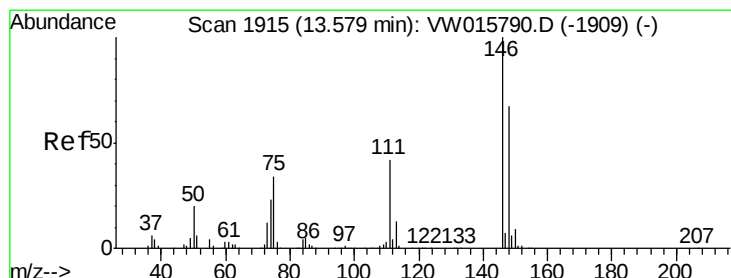
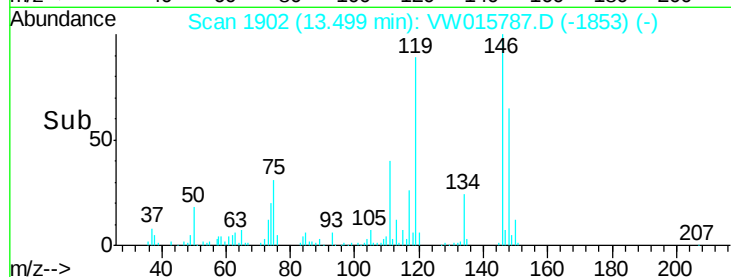
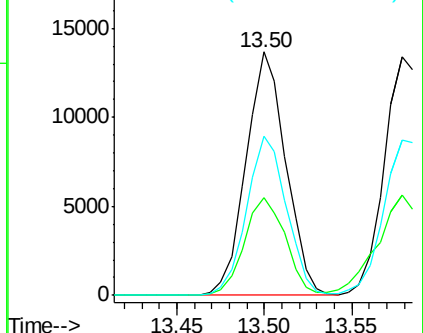
148 65.5 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.987 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

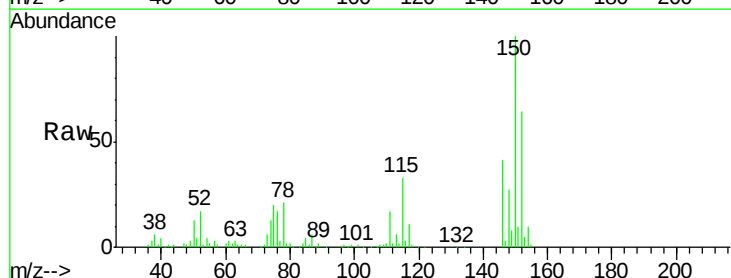
Tgt Ion:146 Resp: 22020

Ion Ratio Lower Upper

146 100

111 46.4 20.2 60.6

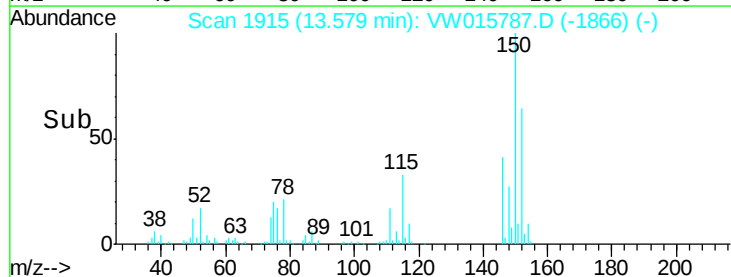
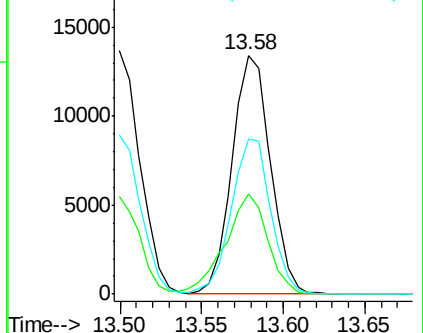
148 67.0 31.8 95.4

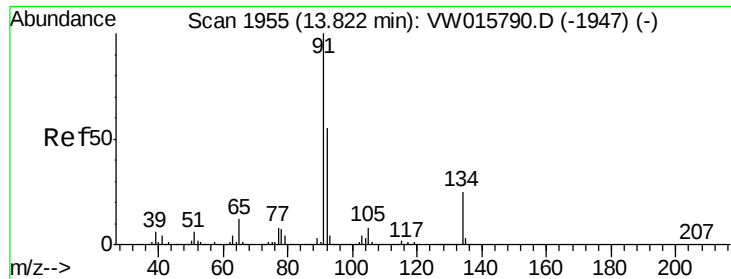


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.371 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

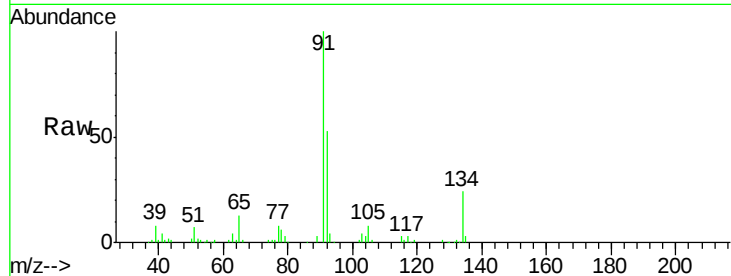
Tot Ion: 91 Resp: 39299

Ion Ratio Lower Upper

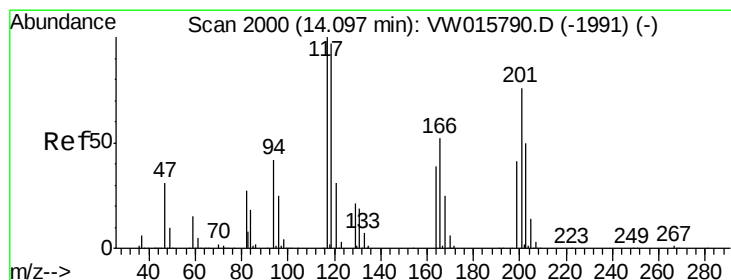
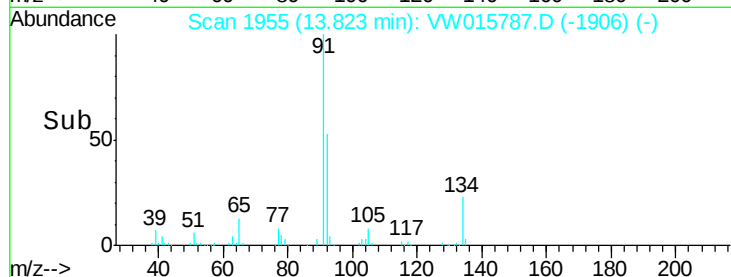
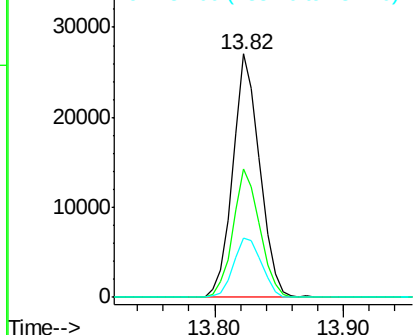
91 100

92 52.4 27.2 81.6

134 25.5 12.7 38.1



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



#90

Hexachloroethane

Concen: 4.505 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW015787.D

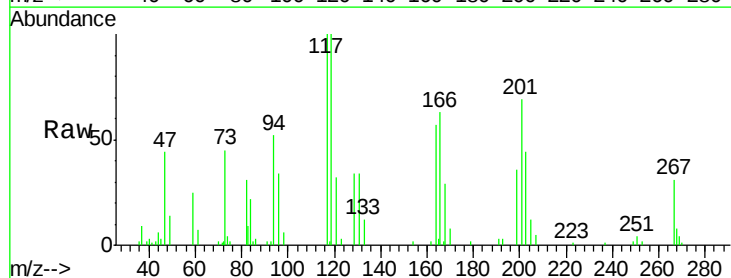
Acq: 07 Jul 2020 11:07

Tgt Ion: 117 Resp: 7700

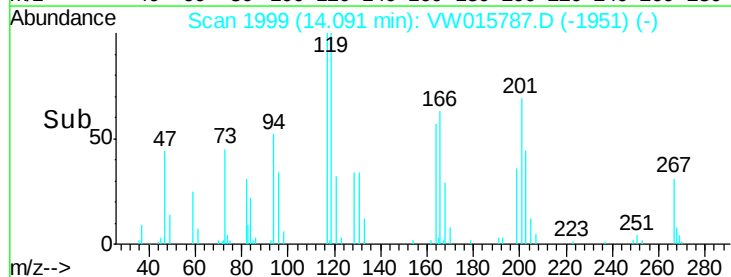
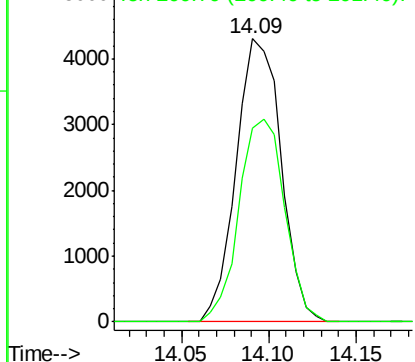
Ion Ratio Lower Upper

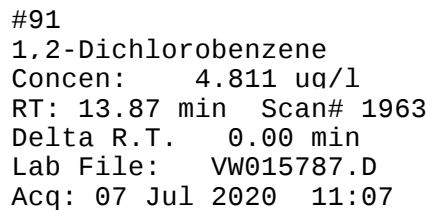
117 100

201 72.7 37.1 111.3



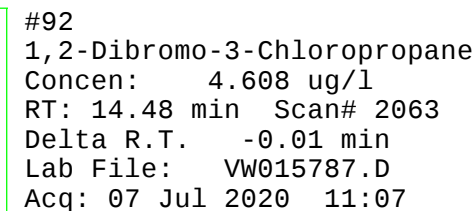
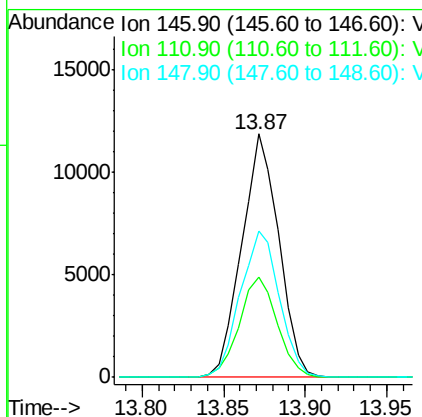
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



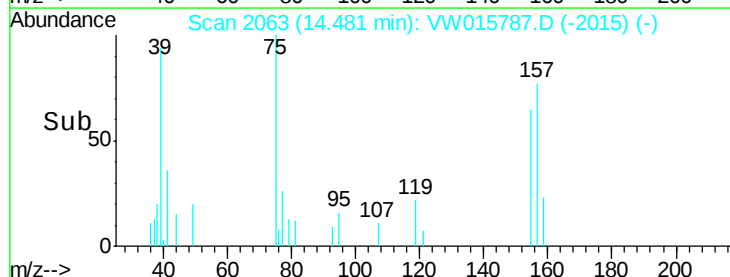
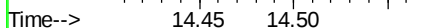
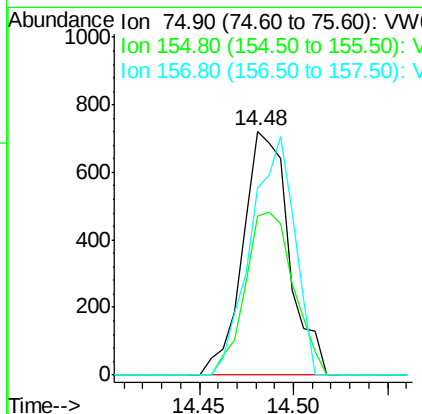


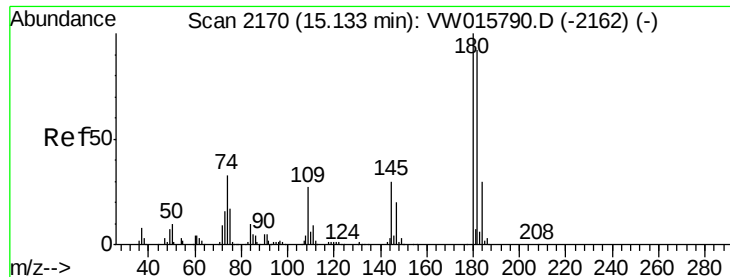
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tqt	Ion:146	Resp:	18792
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	63.1	31.8	95.4



Tgt	Ion: 75	Resp:	1223
Ion	Ratio	Lower	Upper
75	100		
155	70.2	39.1	117.5
157	92.5	49.1	147.4

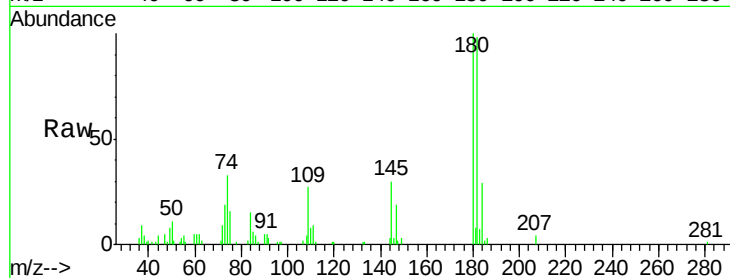




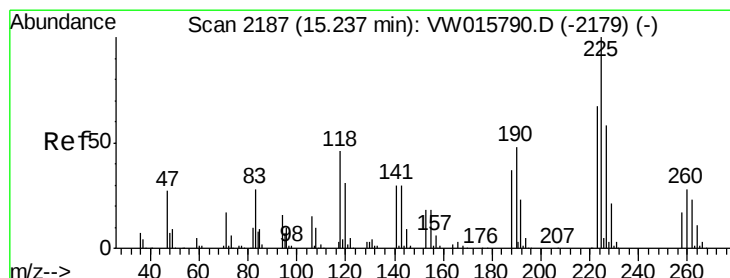
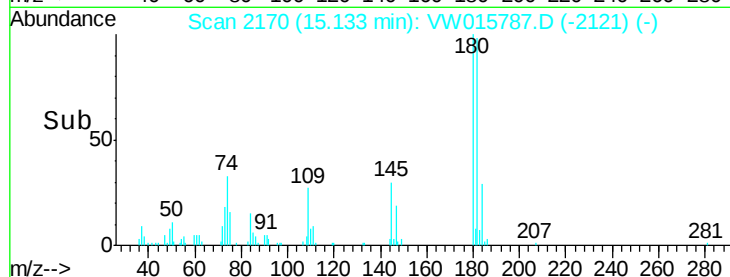
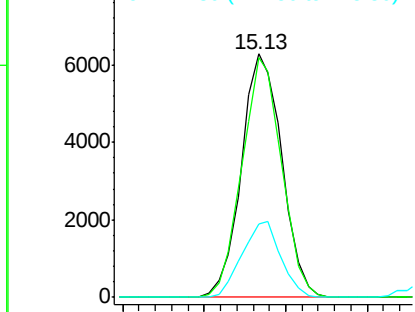
#93
 1,2,4-Trichlorobenzene
 Concen: 4.383 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 10787
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.8 140.3
 145 29.9 15.4 46.4

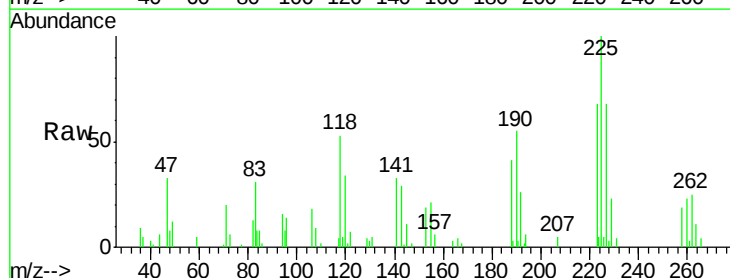


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

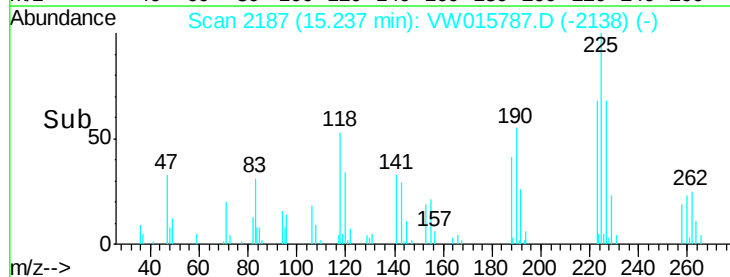
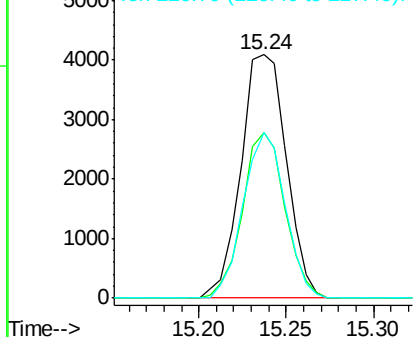


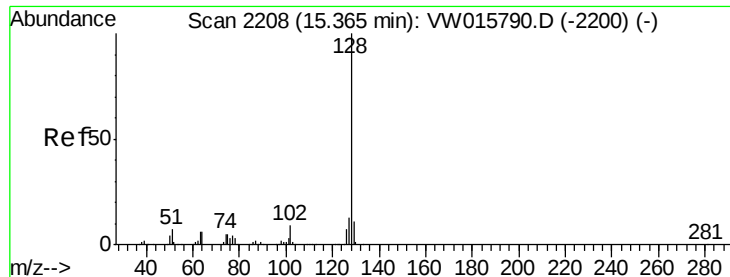
#94
 Hexachlorobutadiene
 Concen: 4.734 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015787.D
 Acq: 07 Jul 2020 11:07

Tgt Ion:225 Resp: 7397
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.4 97.2
 227 62.7 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: 3.747 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

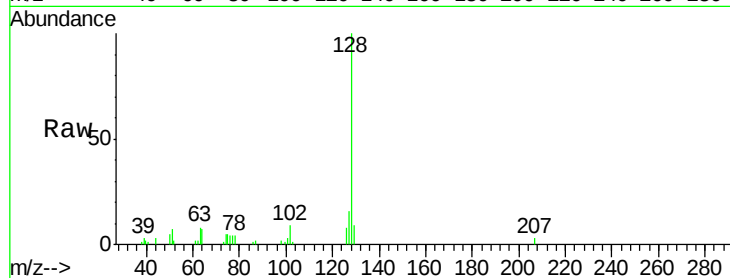
Tot Ion:128 Resp: 15376

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

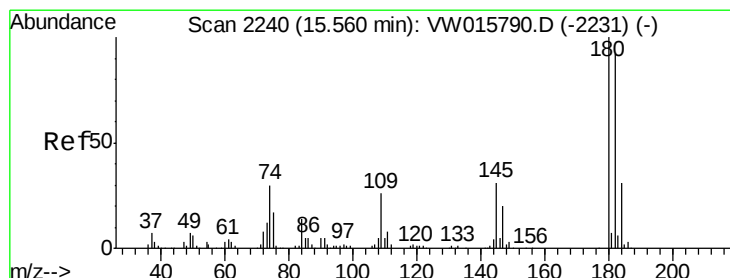
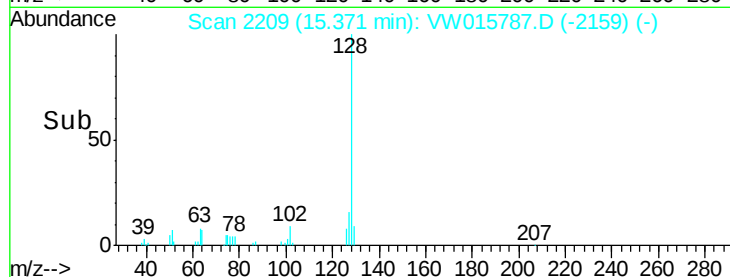
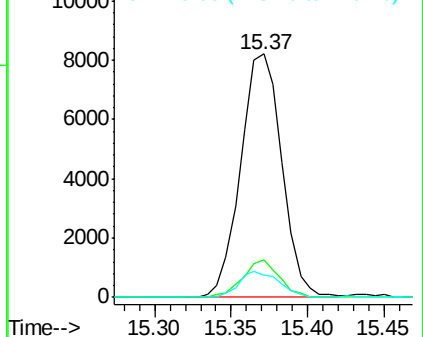
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.572 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW015787.D

Acq: 07 Jul 2020 11:07

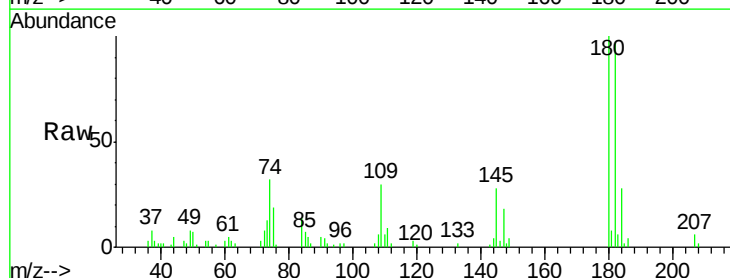
Tgt Ion:180 Resp: 9505

Ion Ratio Lower Upper

180 100

182 91.3 47.7 143.1

145 29.0 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

