

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015788.D
 Acq On : 07 Jul 2020 11:30
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 08 08:11:41 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	206887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	21056	9.87	ug/l	0.00
Spiked Amount			Recovery	=	19.74%	
35) Dibromofluoromethane	7.89	113	19591	10.42	ug/l	0.00
Spiked Amount			Recovery	=	20.84%	
50) Toluene-d8	10.33	98	71609	9.83	ug/l	0.00
Spiked Amount			Recovery	=	19.66%	
62) 4-Bromofluorobenzene	12.62	95	25581	9.57	ug/l	0.00
Spiked Amount			Recovery	=	19.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	10716	9.640	ug/l	91
3) Chloromethane	2.21	50	15797	10.641	ug/l	99
4) Vinyl Chloride	2.37	62	24299	10.577	ug/l	97
5) Bromomethane	2.79	94	18988	10.629	ug/l	95
6) Chloroethane	2.93	64	16040	10.315	ug/l	99
7) Trichlorofluoromethane	3.26	101	16397	9.988	ug/l	96
8) Diethyl Ether	3.68	74	10074	9.763	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20611	10.564	ug/l	97
10) Methyl Iodide	4.28	142	26612	9.935	ug/l	98
11) Tert butyl alcohol	5.22	59	5606	54.630	ug/l #	80
12) 1,1-Dichloroethene	4.04	96	19223	10.113	ug/l	98
13) Acrolein	3.90	56	7366	49.953	ug/l	98
14) Allyl chloride	4.67	41	30107	9.760	ug/l	99
15) Acrylonitrile	5.38	53	19072	47.935	ug/l	99
16) Acetone	4.15	43	17689	44.769	ug/l	98
17) Carbon Disulfide	4.38	76	56290	9.956	ug/l	100
18) Methyl Acetate	4.68	43	8888	9.914	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	27588	9.803	ug/l	98
20) Methylene Chloride	4.92	84	25987	10.923	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	21761	9.944	ug/l	97
22) Diisopropyl ether	6.32	45	60057	9.688	ug/l	94
23) Vinyl Acetate	6.26	43	168848	46.058	ug/l	99
24) 1,1-Dichloroethane	6.21	63	39481	10.050	ug/l	99
25) 2-Butanone	7.18	43	24998	46.490	ug/l	100
26) 2,2-Dichloropropane	7.17	77	25176	10.259	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	23156	9.808	ug/l	96
28) Bromochloromethane	7.52	49	17176	10.998	ug/l	96
29) Tetrahydrofuran	7.54	42	14813	45.592	ug/l	99
30) Chloroform	7.68	83	40372	10.066	ug/l	99
31) Cyclohexane	7.96	56	38103	10.267	ug/l #	94
32) 1,1,1-Trichloroethane	7.88	97	33550	9.992	ug/l	98
36) 1,1-Dichloropropene	8.09	75	32088	10.057	ug/l	99
37) Ethyl Acetate	7.27	43	11491	9.563	ug/l	98
38) Carbon Tetrachloride	8.07	117	30553	9.962	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35612	9.435	ug/l	98
40) Benzene	8.33	78	87868	10.076	ug/l	98
41) Methacrylonitrile	7.49	41	6462	9.313	ug/l	97
42) 1,2-Dichloroethane	8.40	62	27154	10.053	ug/l	99
43) Isopropyl Acetate	8.43	43	22659	9.478	ug/l	98
44) Trichloroethene	9.10	130	22742	9.860	ug/l	94
45) 1,2-Dichloropropane	9.37	63	21530	10.073	ug/l	99
46) Dibromomethane	9.46	93	10754	9.754	ug/l	98
47) Bromodichloromethane	9.65	83	27109	9.480	ug/l	100
48) Methyl methacrylate	9.44	41	9760	8.650	ug/l	95
49) 1,4-Dioxane	9.48	88	2797	200.127	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	53931	46.126	ug/l	99
52) Toluene	10.39	92	54981	9.867	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	24893	9.095	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	30175	9.218	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14912	9.726	ug/l	98
56) Ethyl methacrylate	10.65	69	16387	8.733	ug/l	96
57) 1,3-Dichloropropane	10.93	76	26402	9.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	42361	47.035	ug/l	97
59) 2-Hexanone	10.97	43	34699	44.316	ug/l	97
60) Dibromochloromethane	11.13	129	16757	9.447	ug/l	95
61) 1,2-Dibromoethane	11.24	107	14083	9.681	ug/l	97
64) Tetrachloroethene	10.87	164	18450	9.891	ug/l	98
65) Chlorobenzene	11.66	112	57295	9.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	20137	9.858	ug/l	98
67) Ethyl Benzene	11.73	91	104630	9.788	ug/l	96
68) m/p-Xylenes	11.84	106	79379	19.790	ug/l	99
69) o-Xylene	12.17	106	34492	9.439	ug/l	97
70) Styrene	12.18	104	59392	9.441	ug/l	98
71) Bromoform	12.35	173	7893	8.488	ug/l #	91
73) Isopropylbenzene	12.47	105	97838	9.662	ug/l	99
74) N-amyl acetate	12.27	43	19771	9.210	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16330	9.752	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	14175m	10.591	ug/l	
77) Bromobenzene	12.75	156	22478	9.957	ug/l	99
78) n-propylbenzene	12.80	91	121139	9.831	ug/l	100
79) 2-Chlorotoluene	12.90	91	69330	9.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	84772	9.829	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	4009	8.174	ug/l	89
82) 4-Chlorotoluene	12.99	91	73353	10.010	ug/l	100
83) tert-Butylbenzene	13.21	119	68714	9.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	86049	10.007	ug/l	97
85) sec-Butylbenzene	13.38	105	99366	9.610	ug/l	99
86) p-Isopropyltoluene	13.50	119	92913	9.860	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	46313	10.137	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	45704	10.281	ug/l	98
89) n-Butylbenzene	13.82	91	87590	9.677	ug/l	98
90) Hexachloroethane	14.10	117	16272	9.456	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	39825	10.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	2502	9.364	ug/l	99

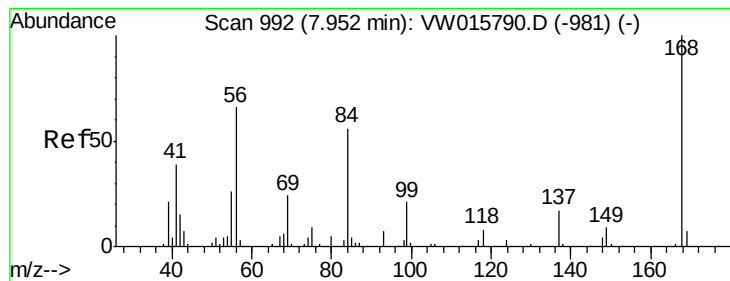
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22798	9.201	ug/l	96
94) Hexachlorobutadiene	15.24	225	16076	10.219	ug/l	97
95) Naphthalene	15.37	128	35845	8.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20168	9.636	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

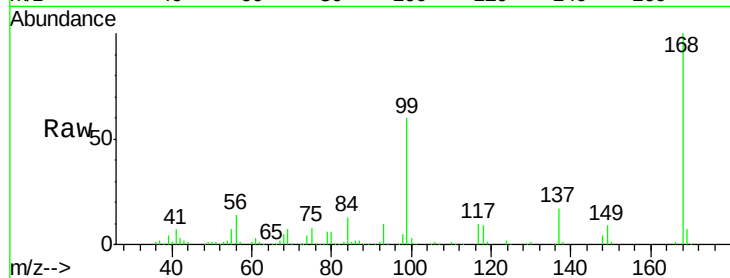
VSTDIC010

Tot Ion:168 Resp: 206887

Ion Ratio Lower Upper

168 100

99 60.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

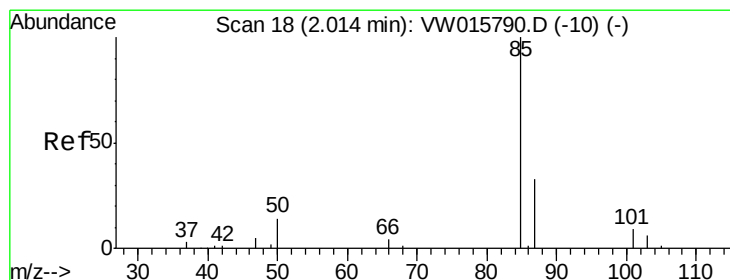
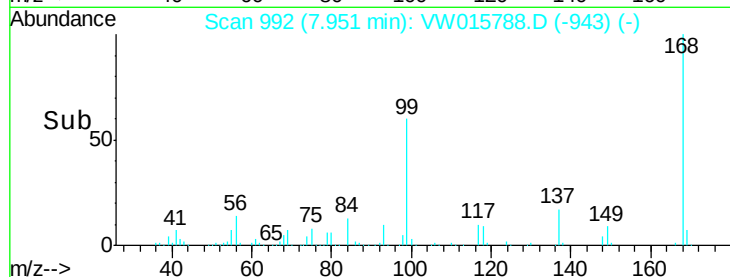
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 9.640 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015788.D

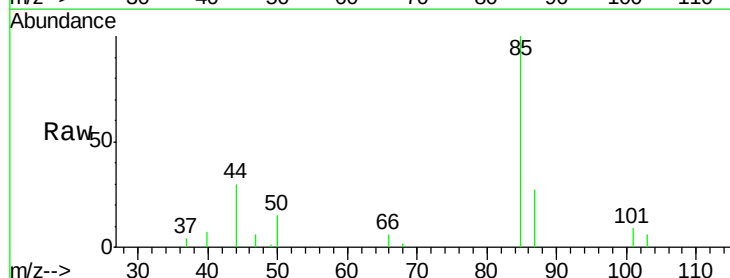
Acq: 07 Jul 2020 11:30

Tgt Ion: 85 Resp: 10716

Ion Ratio Lower Upper

85 100

87 27.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

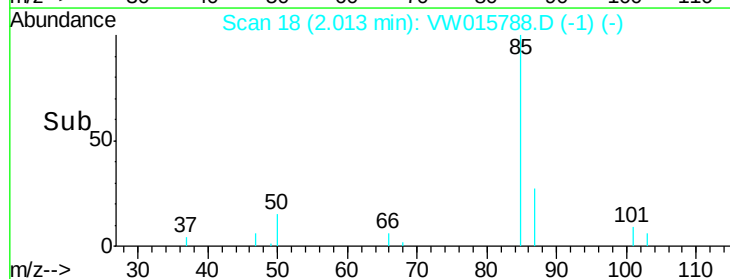
3000

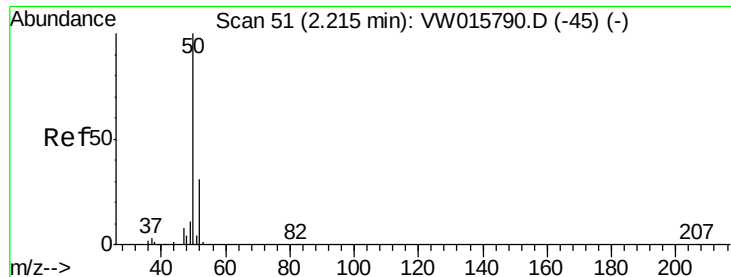
2000

1000

0

Time-->





#3

Chloromethane

Concen: 10.641 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

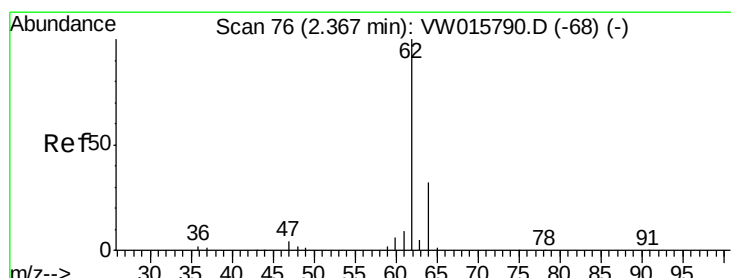
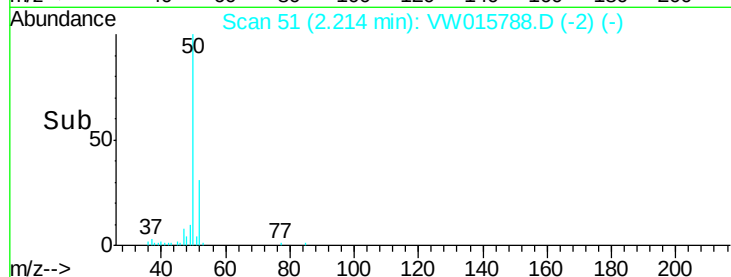
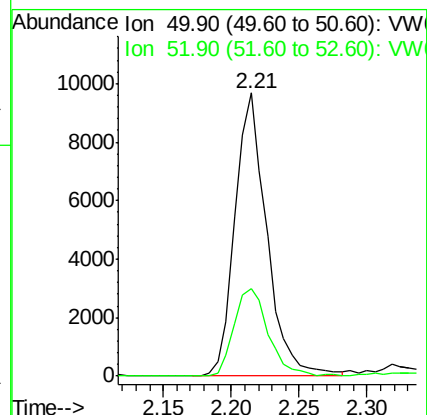
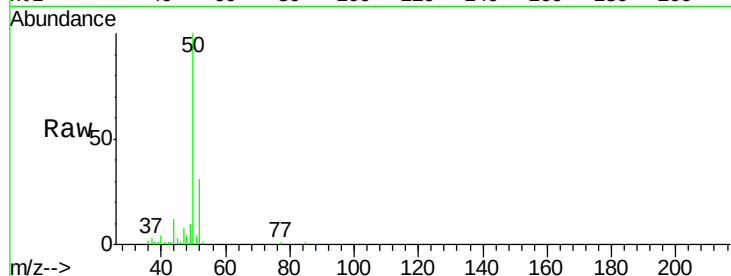
VSTDIC010

Tot Ion: 50 Resp: 15797

Ion Ratio Lower Upper

50 100

52 31.0 25.2 37.8



#4

Vinyl Chloride

Concen: 10.577 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015788.D

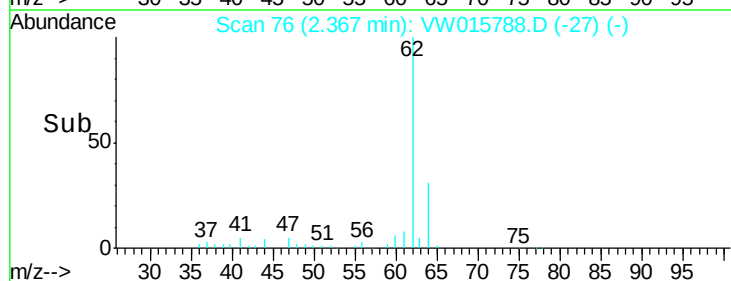
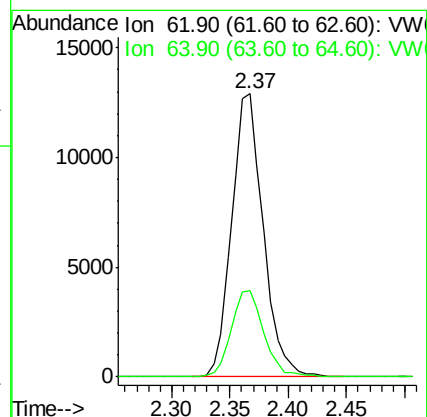
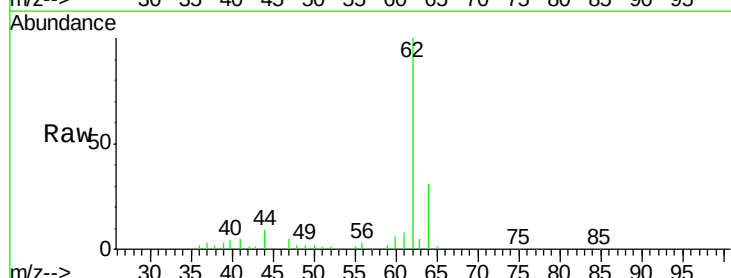
Acq: 07 Jul 2020 11:30

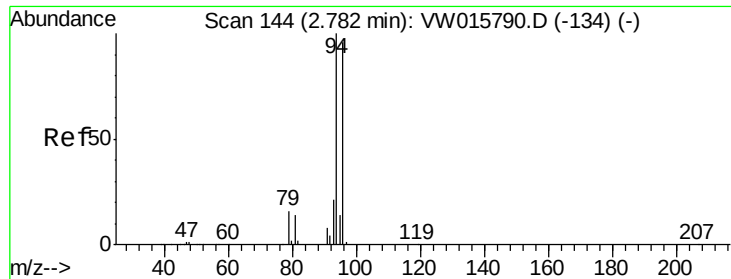
Tgt Ion: 62 Resp: 24299

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.8





#5

Bromomethane

Concen: 10.629 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

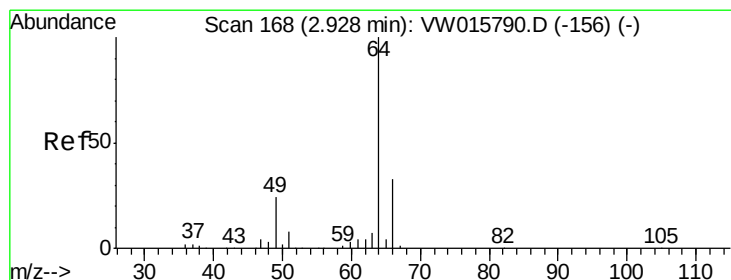
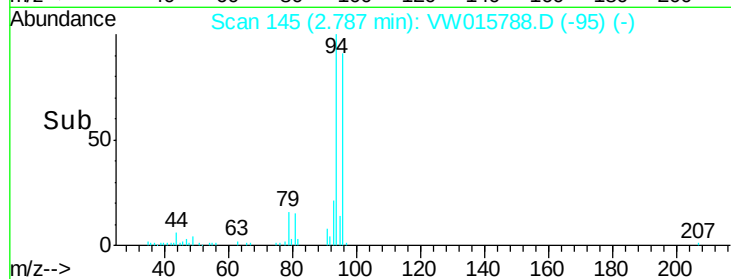
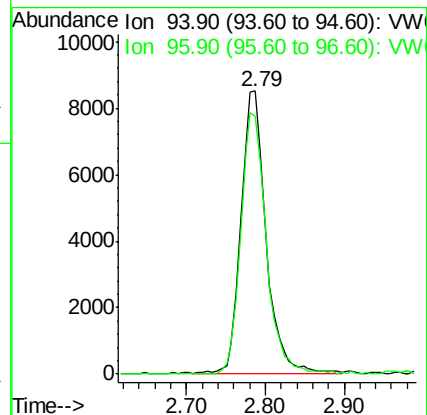
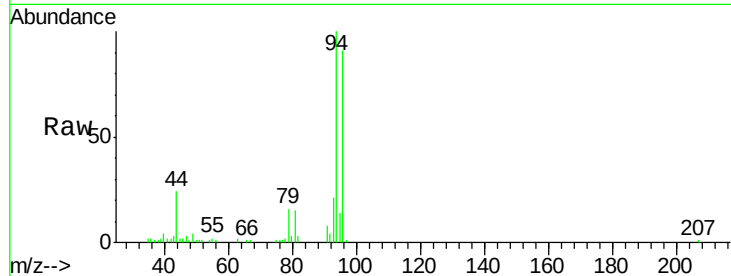
VSTDIC010

Tot Ion: 94 Resp: 18988

Ion Ratio Lower Upper

94 100

96 91.2 76.7 115.1



#6

Chloroethane

Concen: 10.315 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015788.D

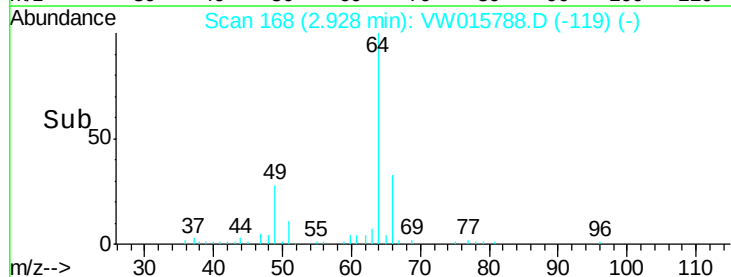
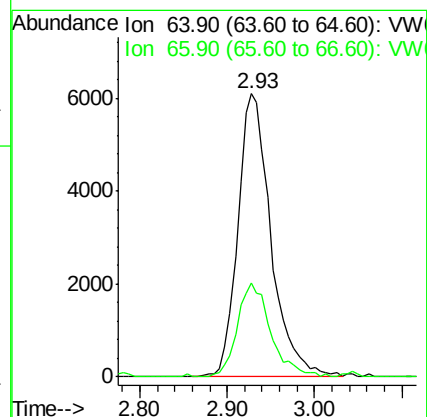
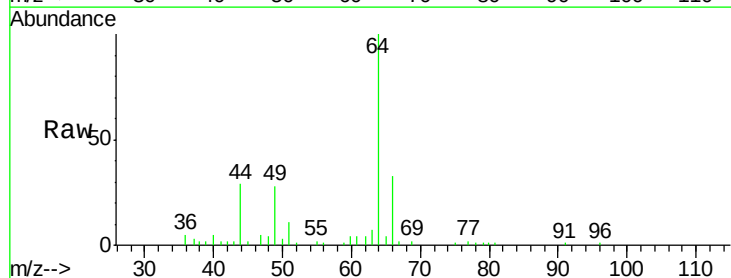
Acq: 07 Jul 2020 11:30

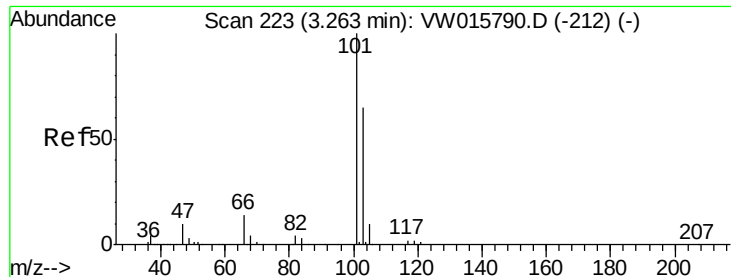
Tgt Ion: 64 Resp: 16040

Ion Ratio Lower Upper

64 100

66 33.3 26.0 39.0



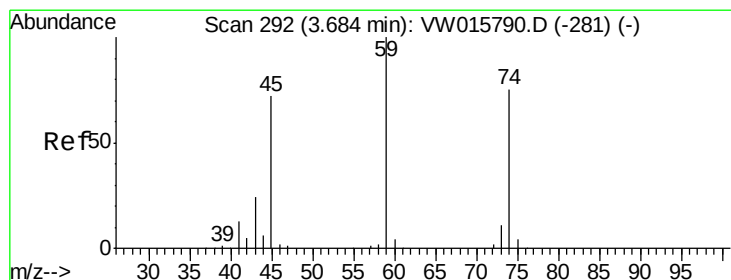
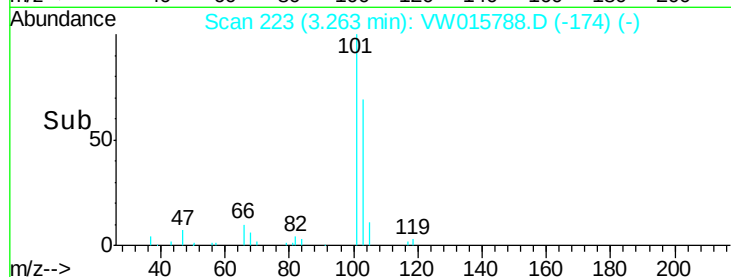
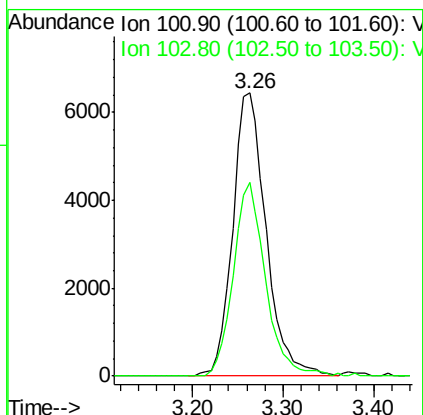
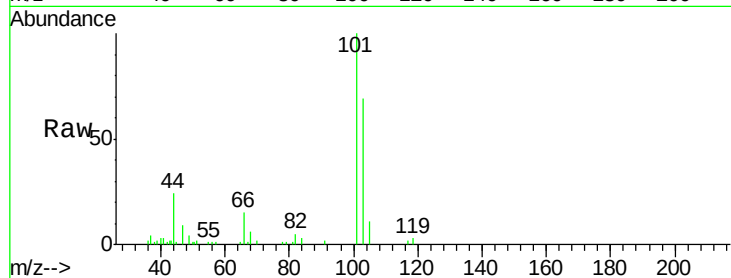


#7

Trichlorofluoromethane
 Concen: 9.988 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

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 MSVOA_W
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 VSTDIC010

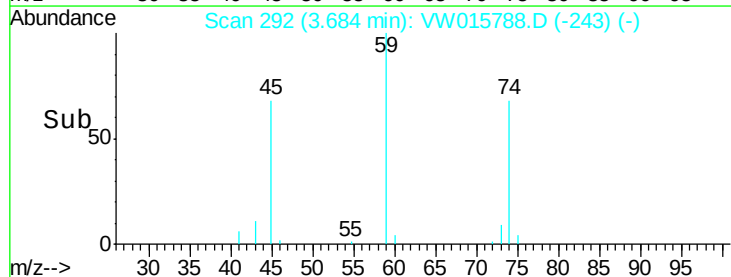
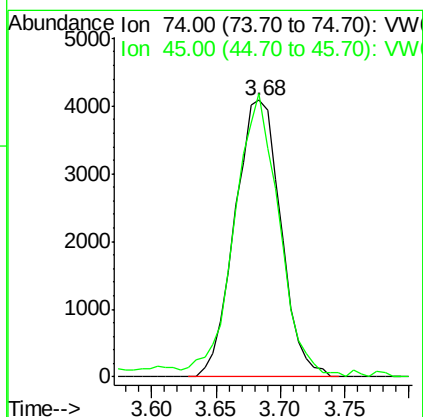
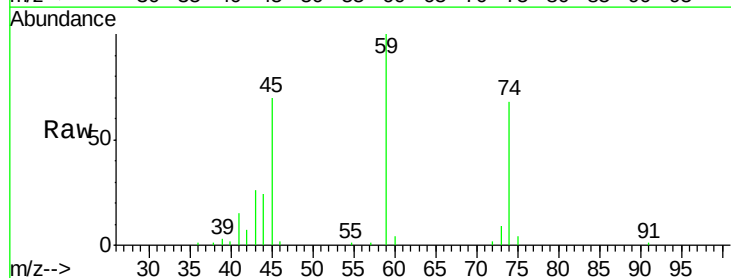
Tot Ion:101 Resp: 16397
 Ion Ratio Lower Upper
 101 100
 103 68.6 52.2 78.4

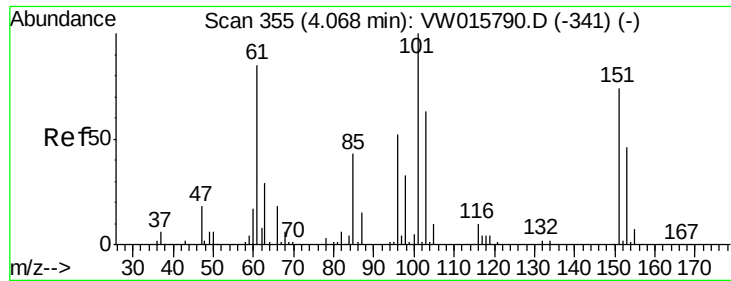


#8

Diethyl Ether
 Concen: 9.763 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 74 Resp: 10074
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.564 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

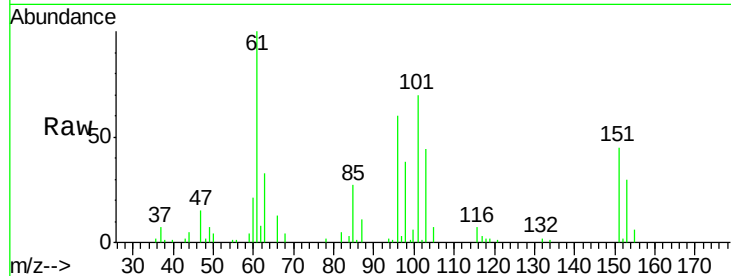
Tot Ion:101 Resp: 20611

Ion Ratio Lower Upper

101 100

85 44.0 36.1 54.1

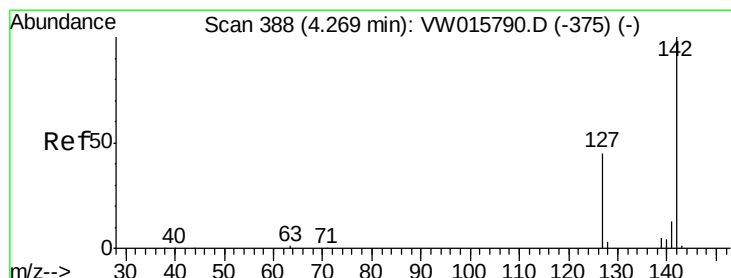
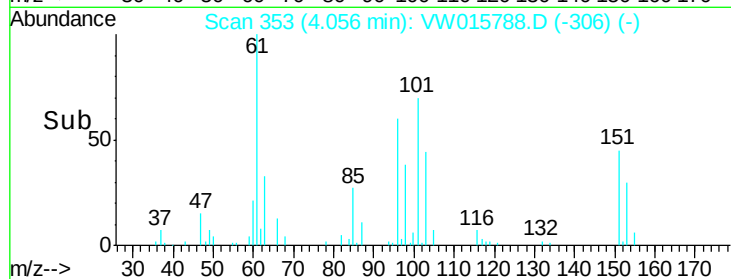
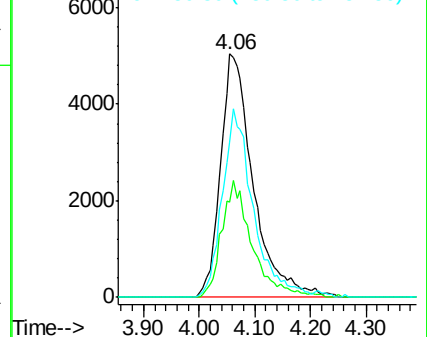
151 72.6 60.3 90.5



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: 9.935 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

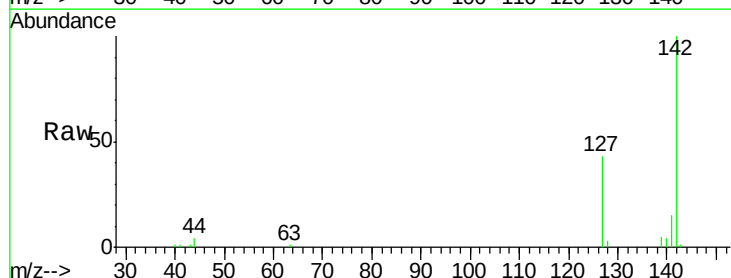
Tgt Ion:142 Resp: 26612

Ion Ratio Lower Upper

142 100

127 46.4 36.1 54.1

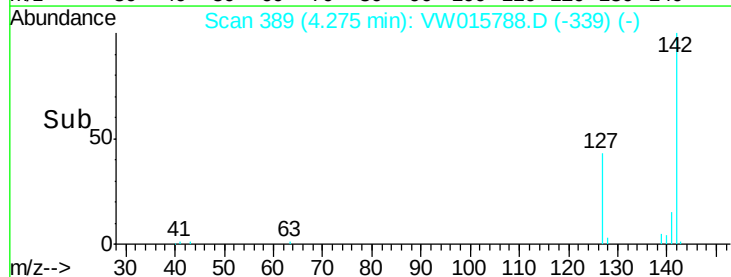
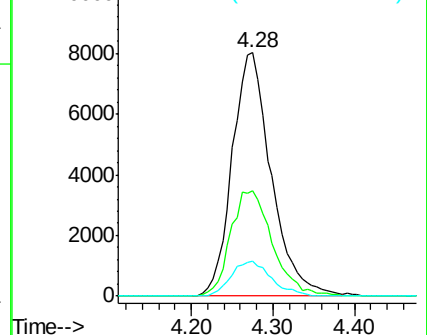
141 14.7 11.7 17.5

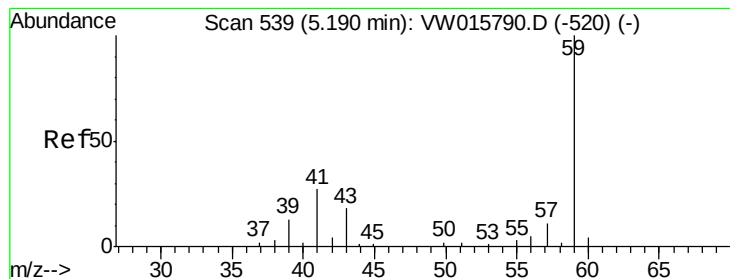


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 54.630 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.03 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

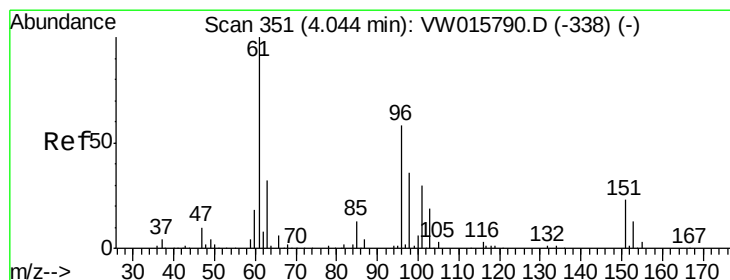
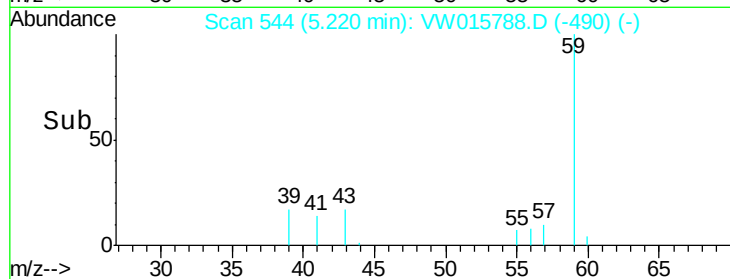
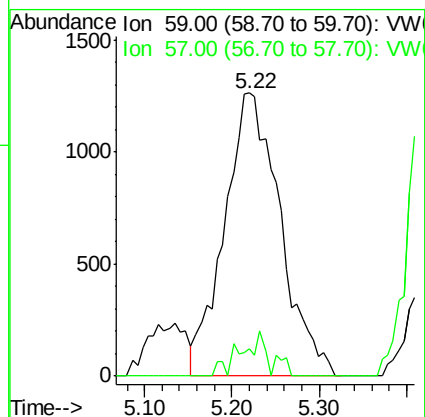
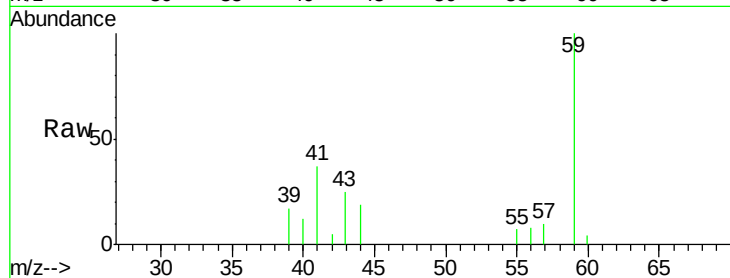
VSTDIC010

Tot Ion: 59 Resp: 5606

Ion Ratio Lower Upper

59 100

57 3.4 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 10.113 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

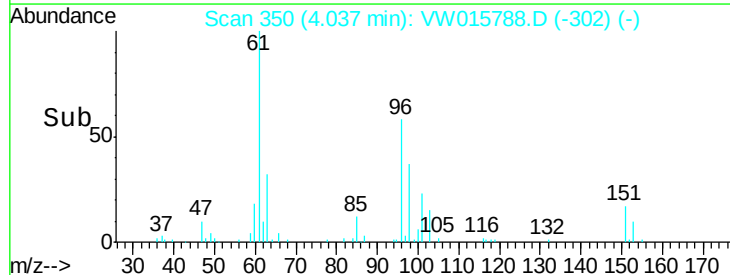
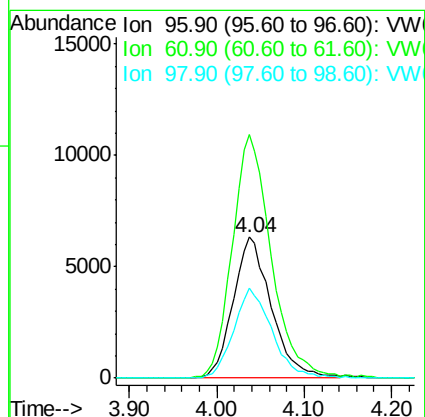
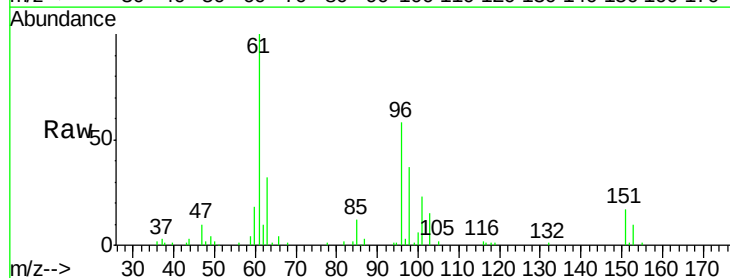
Tgt Ion: 96 Resp: 19223

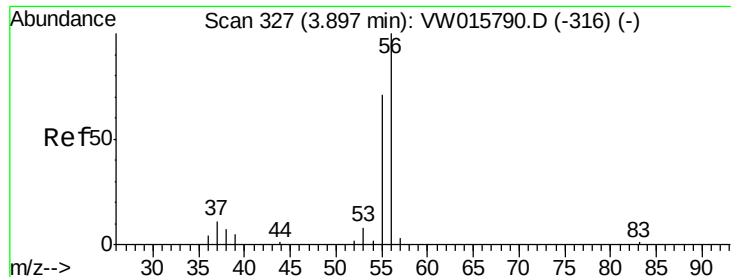
Ion Ratio Lower Upper

96 100

61 172.9 137.0 205.4

98 63.6 49.3 73.9

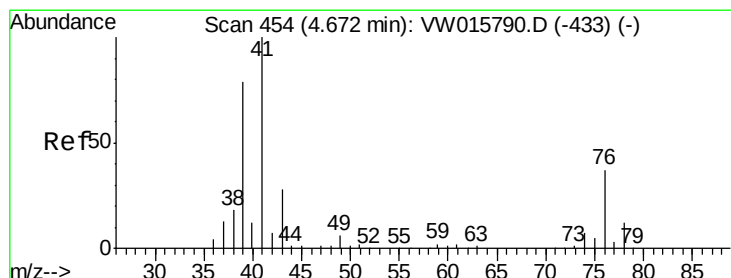
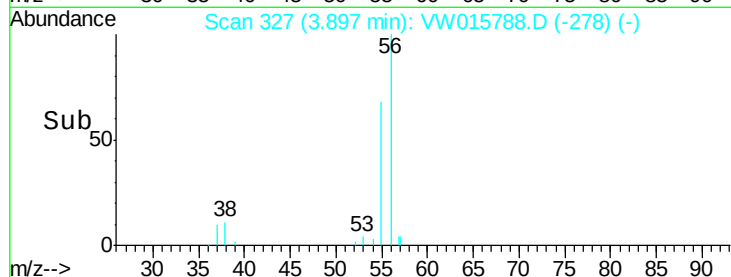
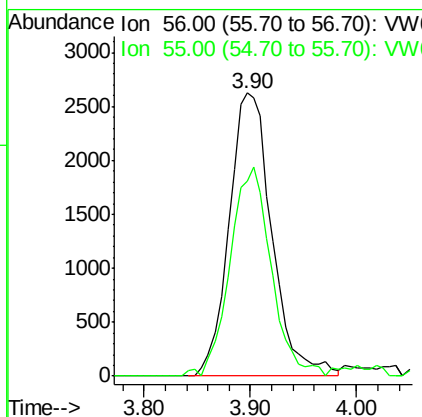
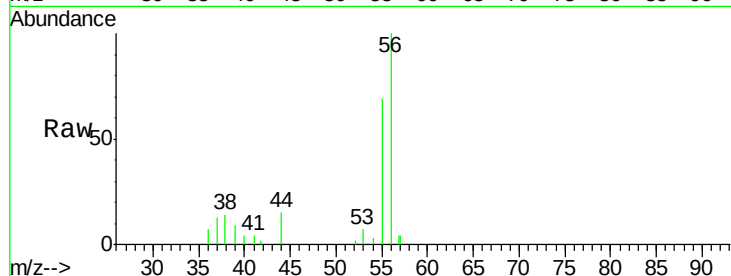




#13
 Acrolein
 Concen: 49.953 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

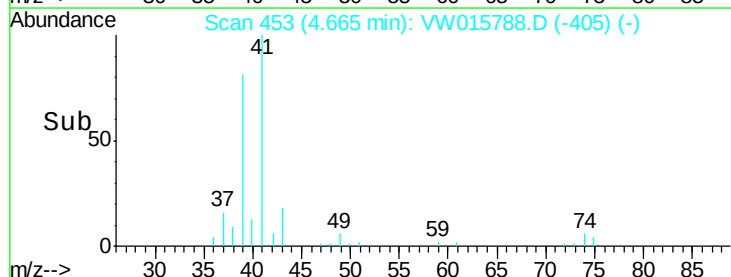
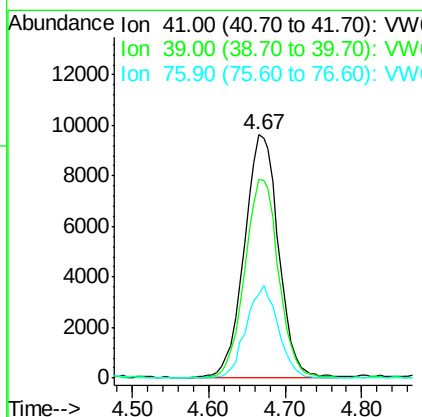
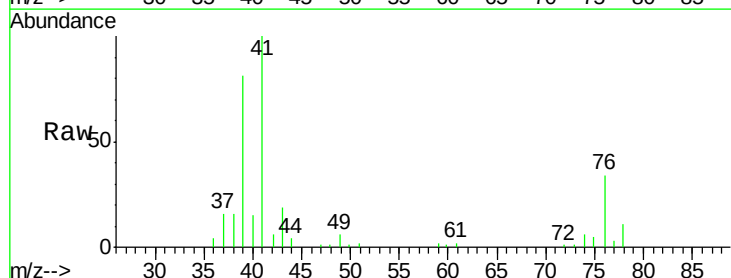
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

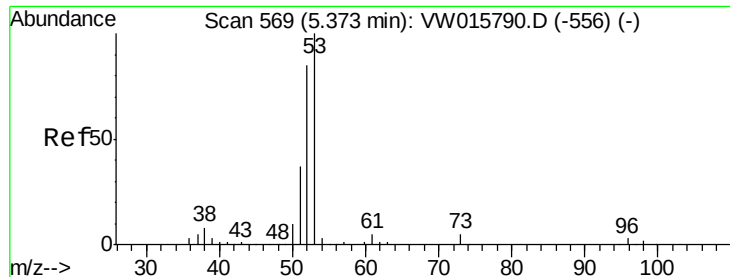
Tot Ion: 56 Resp: 7366
 Ion Ratio Lower Upper
 56 100
 55 71.2 55.8 83.6



#14
 Allyl chloride
 Concen: 9.760 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 41 Resp: 30107
 Ion Ratio Lower Upper
 41 100
 39 80.7 64.0 96.0
 76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 47.935 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

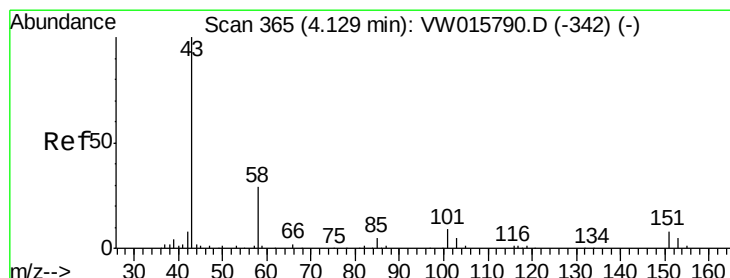
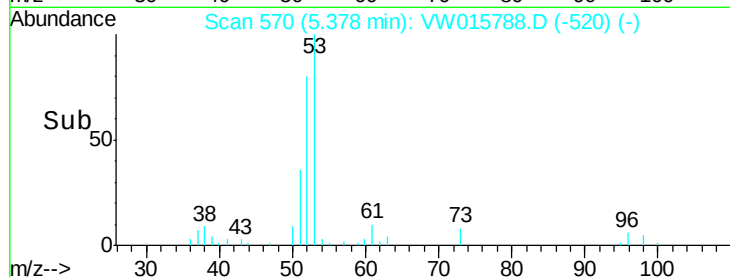
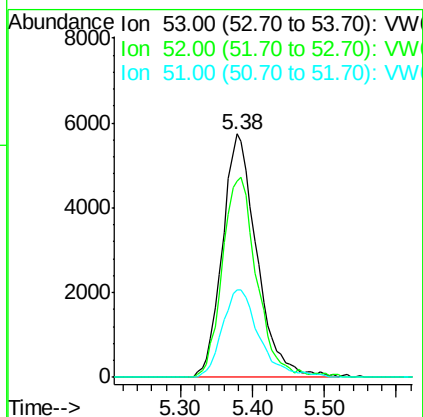
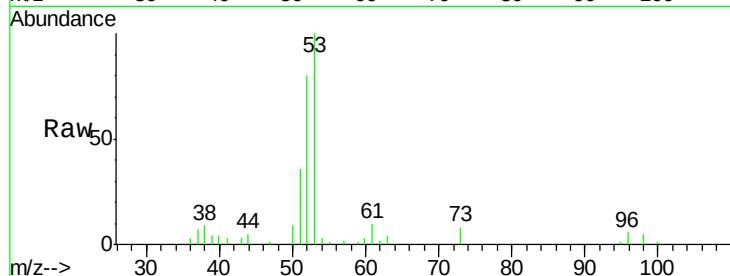
Tot Ion: 53 Resp: 19072

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.8

51 38.5 30.2 45.2



#16

Acetone

Concen: 44.769 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW015788.D

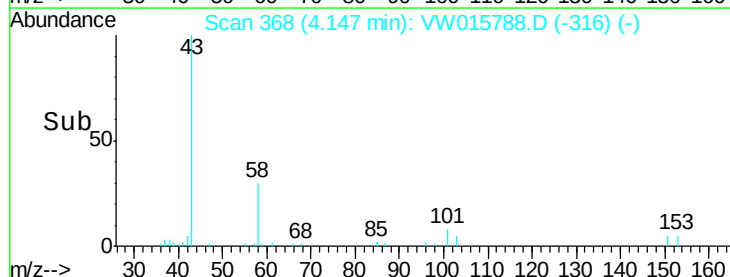
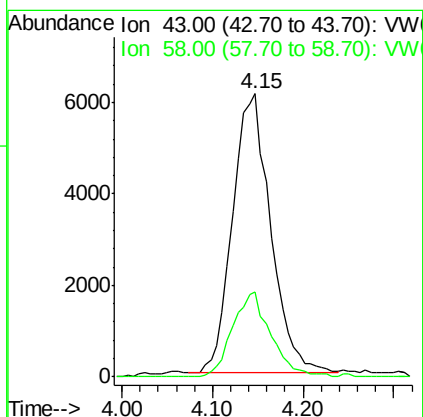
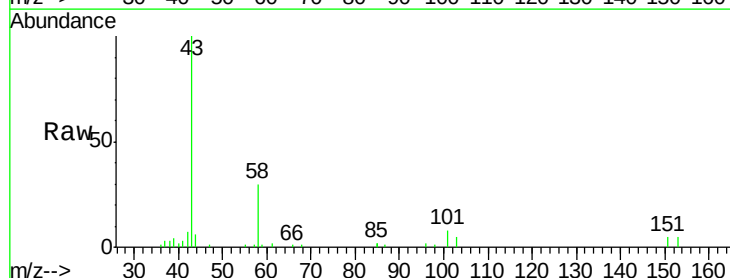
Acq: 07 Jul 2020 11:30

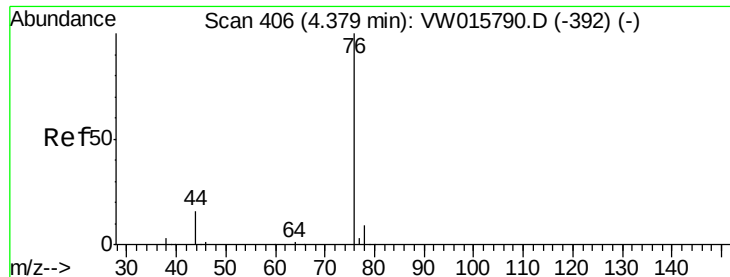
Tgt Ion: 43 Resp: 17689

Ion Ratio Lower Upper

43 100

58 30.3 23.5 35.3

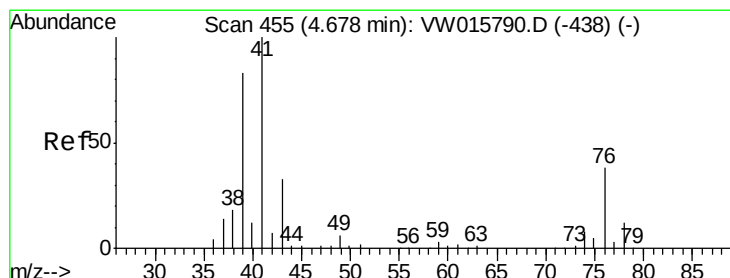
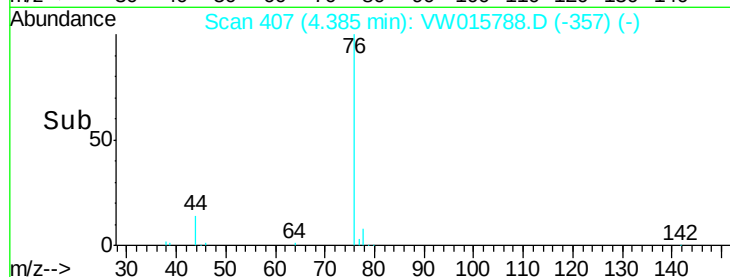
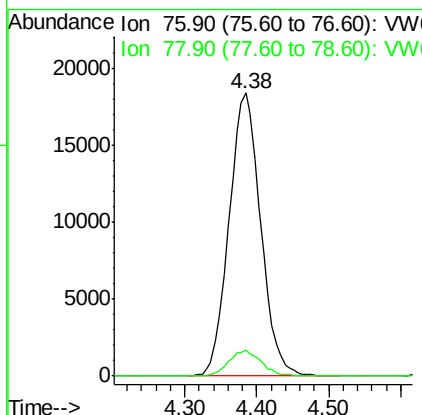
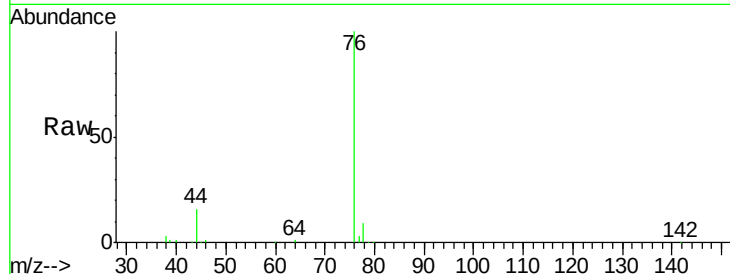




#17
Carbon Disulfide
Concen: 9.956 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

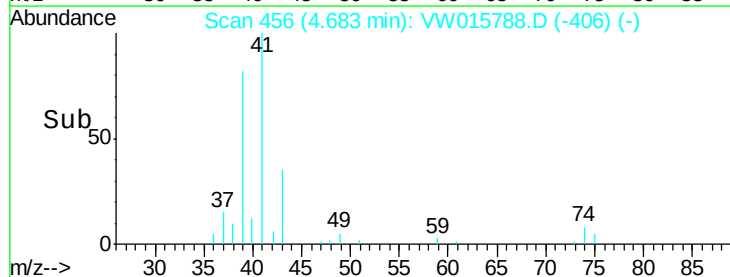
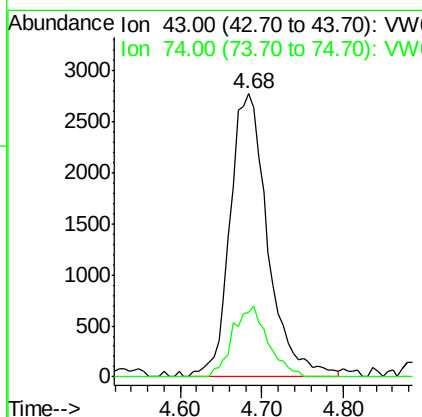
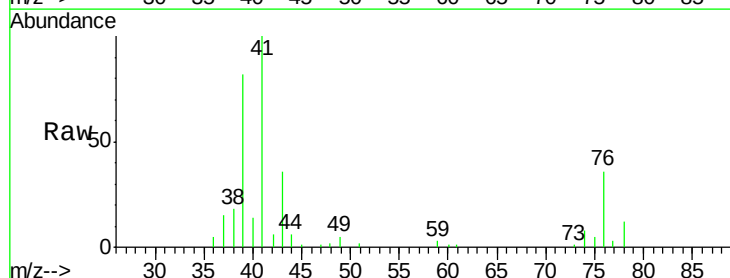
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

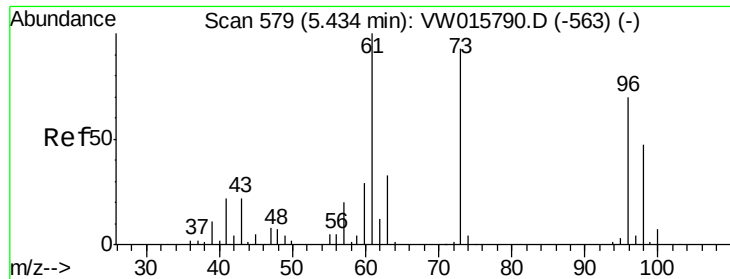
Tot Ion: 76 Resp: 56290
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 9.914 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 43 Resp: 8888
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

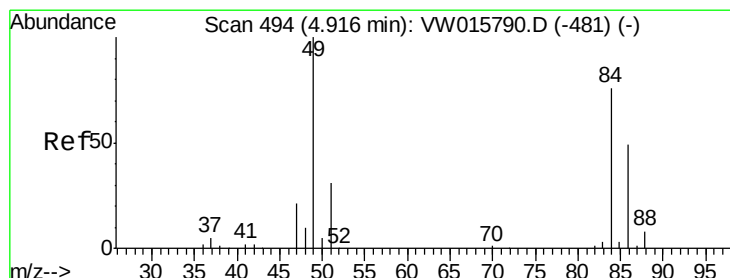
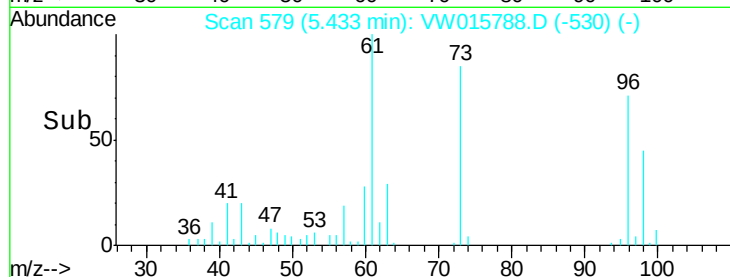
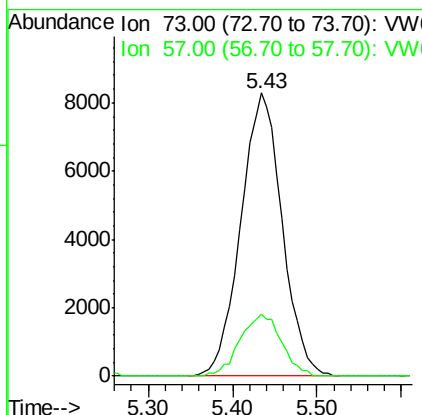
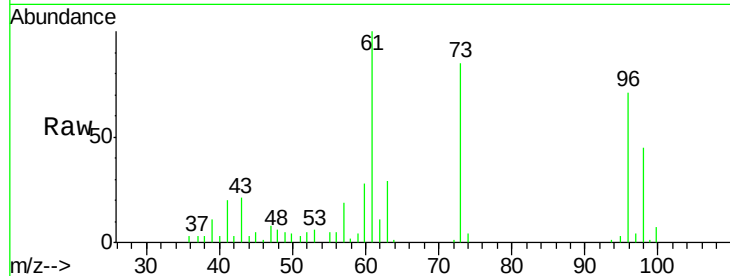




#19
Methyl tert-butyl Ether
Concen: 9.803 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

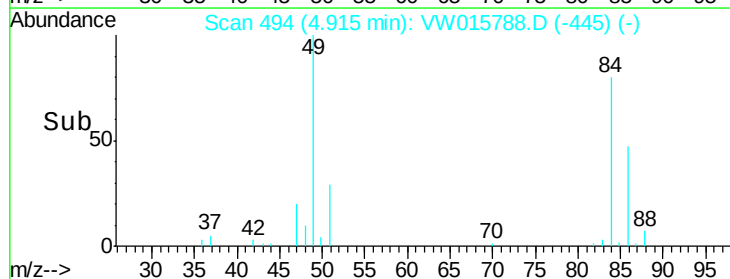
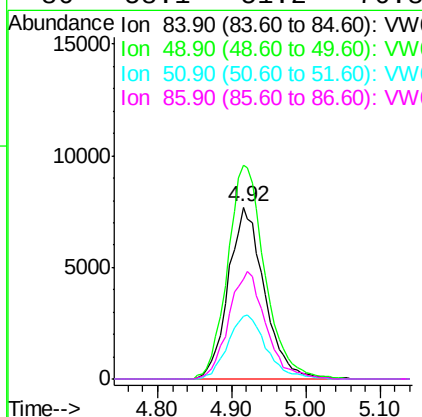
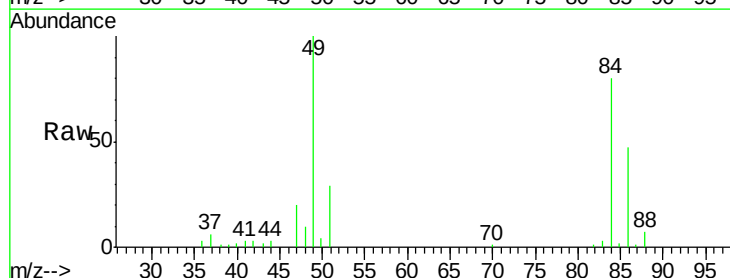
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

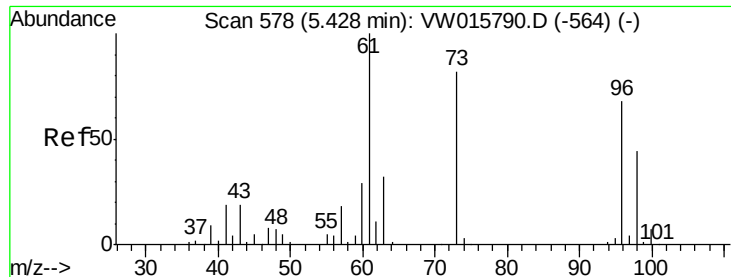
Tot Ion: 73 Resp: 27588
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 10.923 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 84 Resp: 25987
Ion Ratio Lower Upper
84 100
49 124.5 105.0 157.6
51 36.4 32.3 48.5
86 58.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 9.944 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

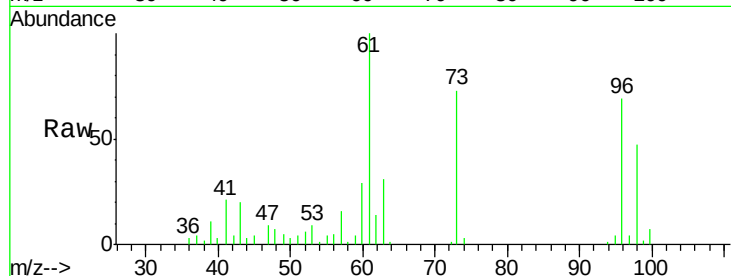
Tot Ion: 96 Resp: 21761

Ion Ratio Lower Upper

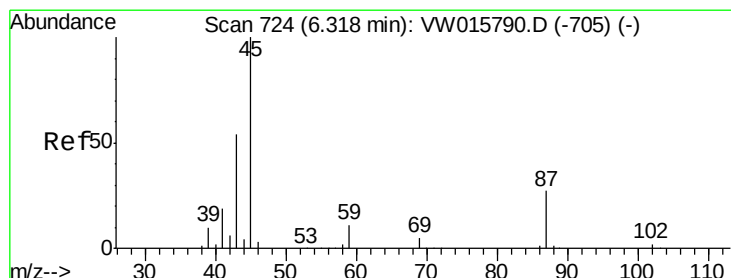
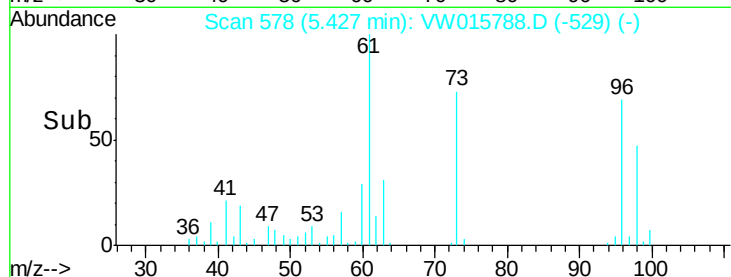
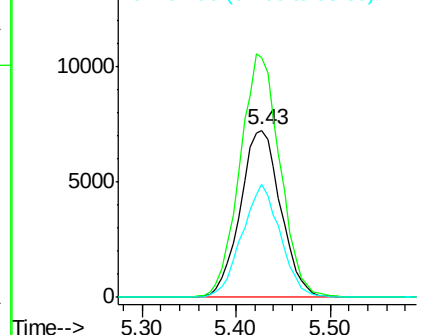
96 100

61 144.0 118.1 177.1

98 67.9 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: 9.688 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Tgt Ion: 45 Resp: 60057

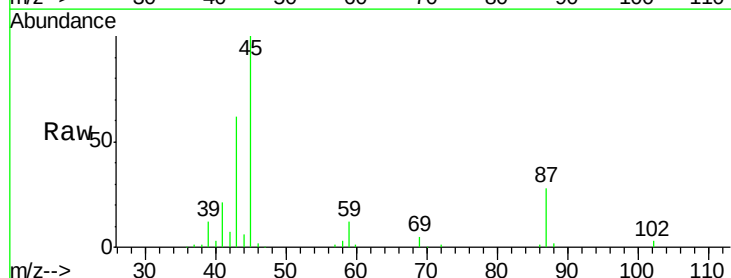
Ion Ratio Lower Upper

45 100

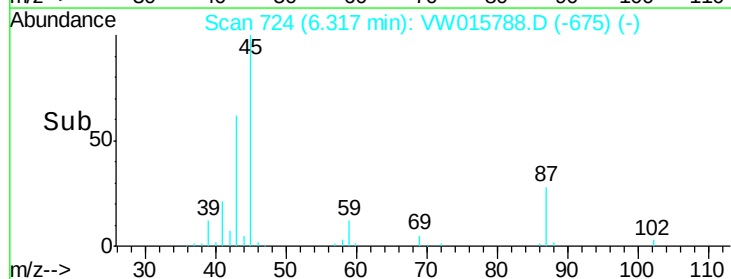
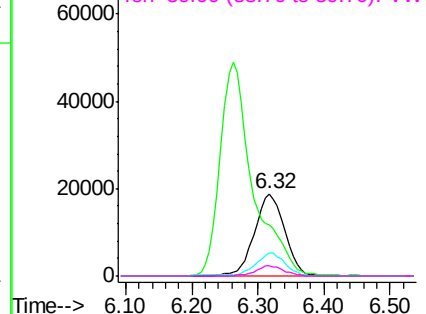
43 61.4 43.8 65.6

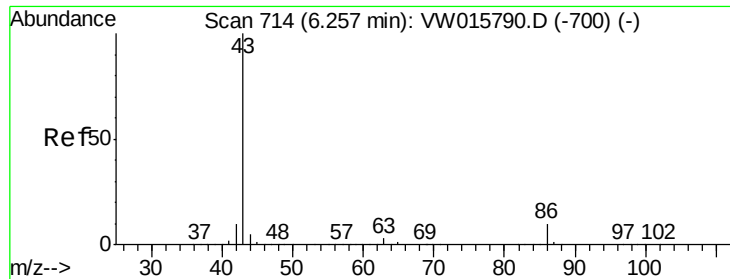
87 28.2 22.1 33.1

59 12.0 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

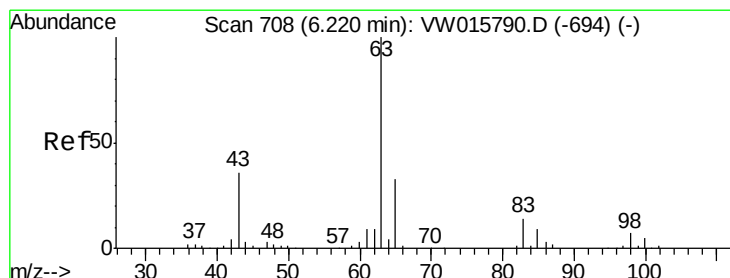
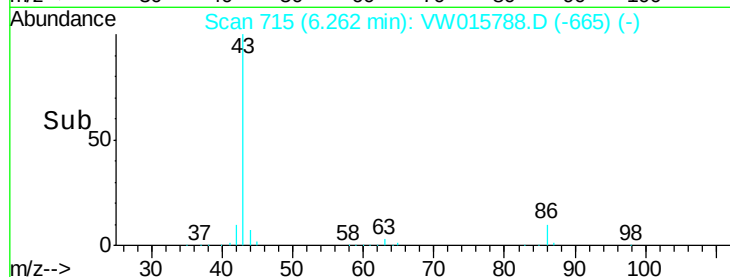
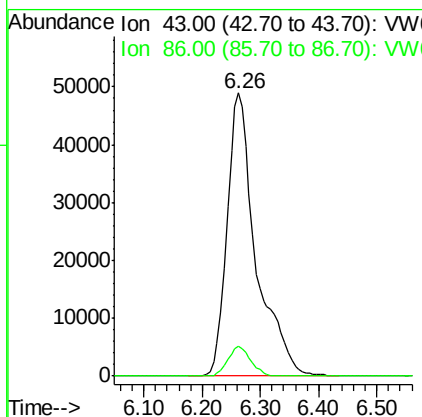
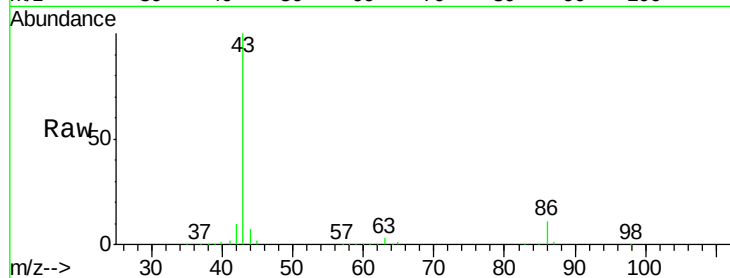




#23
 Vinyl Acetate
 Concen: 46.058 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

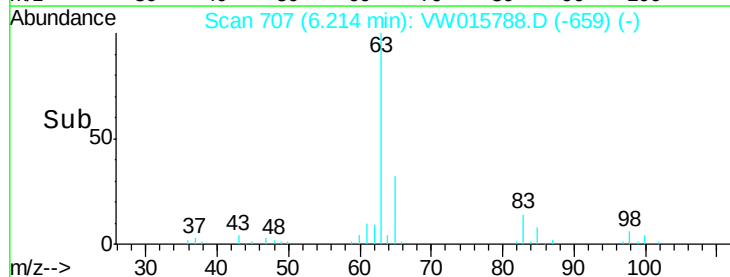
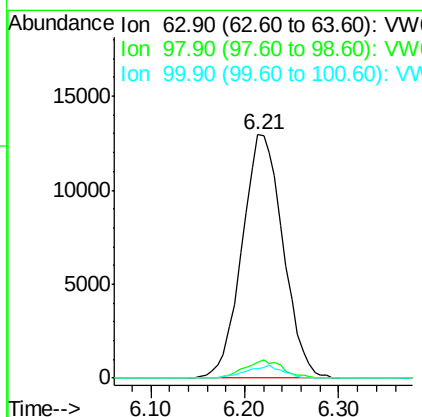
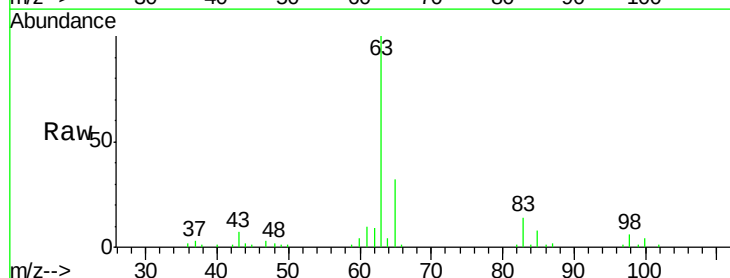
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

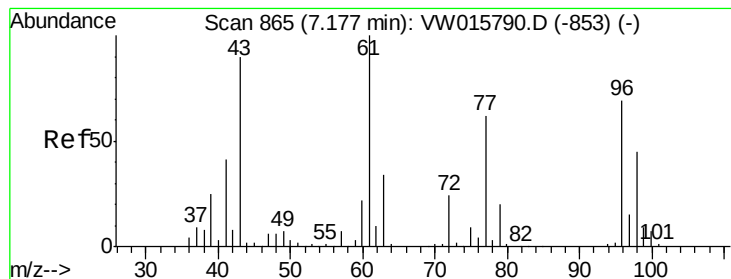
Tot Ion: 43 Resp: 168848
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 10.050 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 63 Resp: 39481
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.1 2.4 7.1





#25

2-Butanone

Concen: 46.490 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

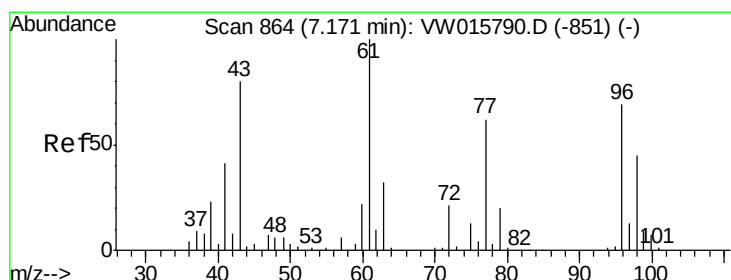
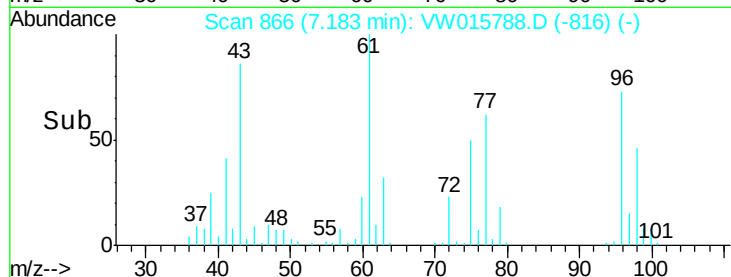
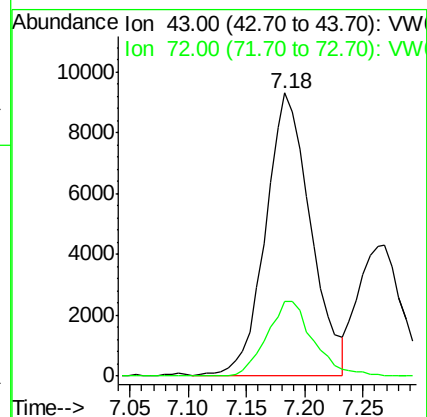
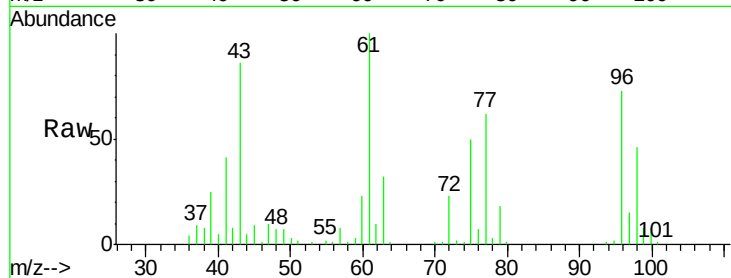
VSTDIC010

Tot Ion: 43 Resp: 24998

Ion Ratio Lower Upper

43 100

72 26.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 10.259 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015788.D

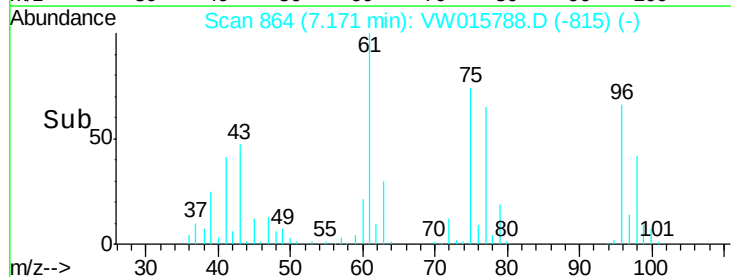
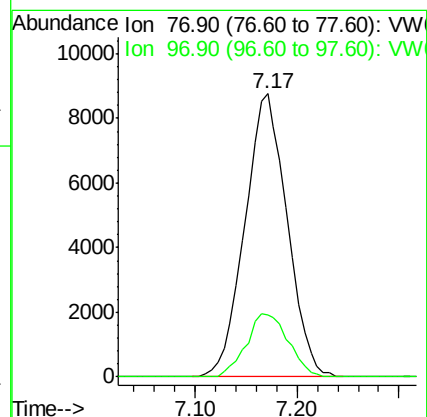
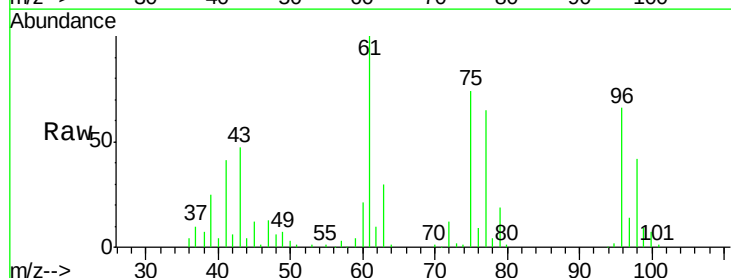
Acq: 07 Jul 2020 11:30

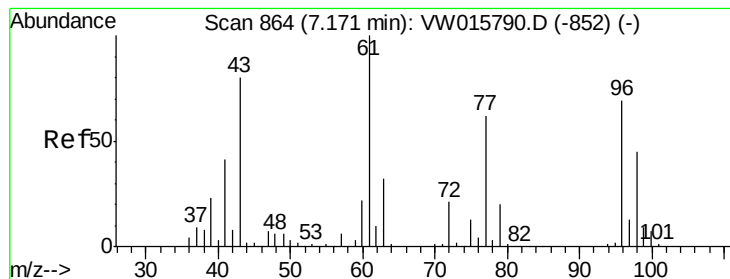
Tgt Ion: 77 Resp: 25176

Ion Ratio Lower Upper

77 100

97 22.1 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 9.808 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

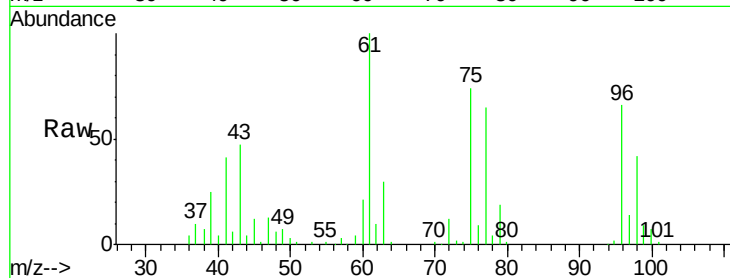
Tot Ion: 96 Resp: 23156

Ion Ratio Lower Upper

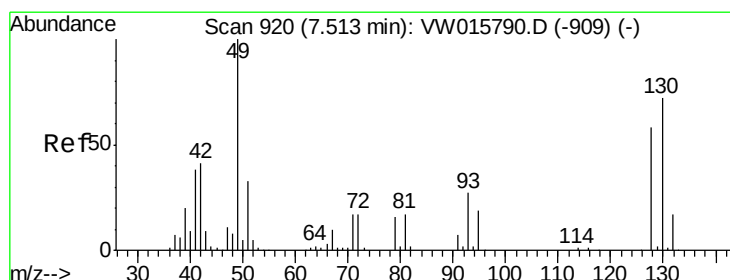
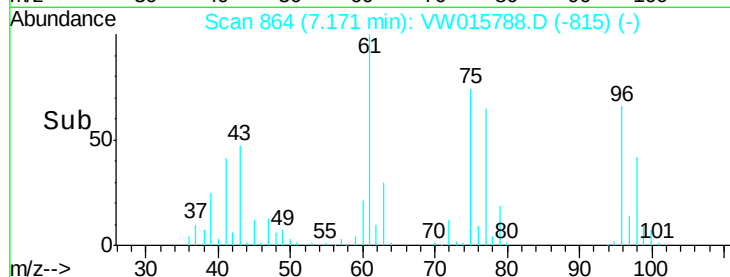
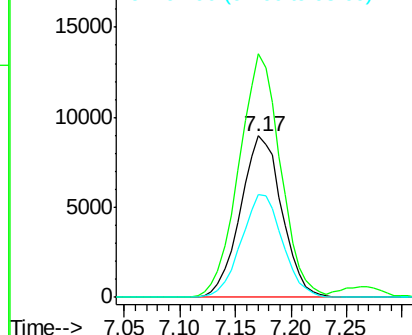
96 100

61 151.8 0.0 292.2

98 63.4 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: 10.998 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

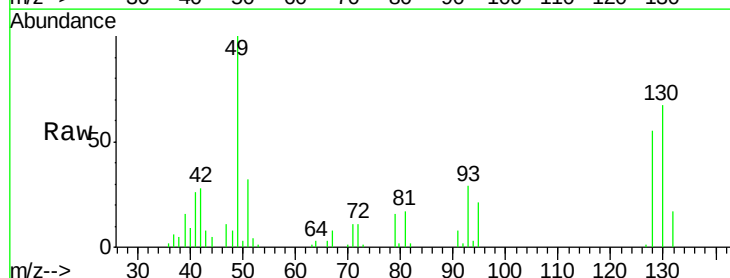
Tgt Ion: 49 Resp: 17176

Ion Ratio Lower Upper

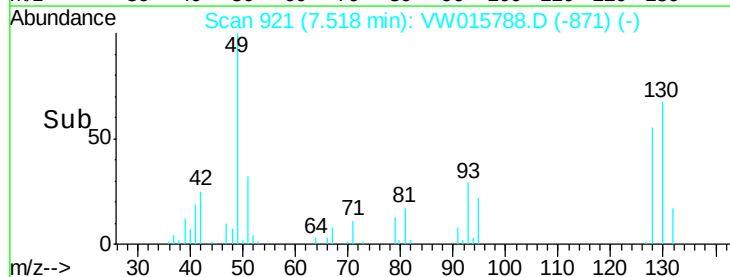
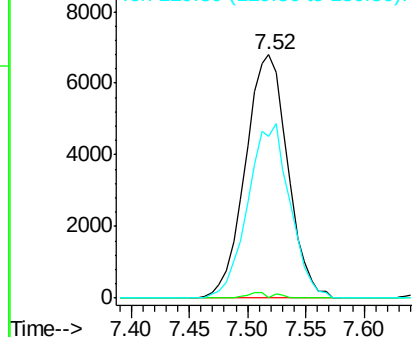
49 100

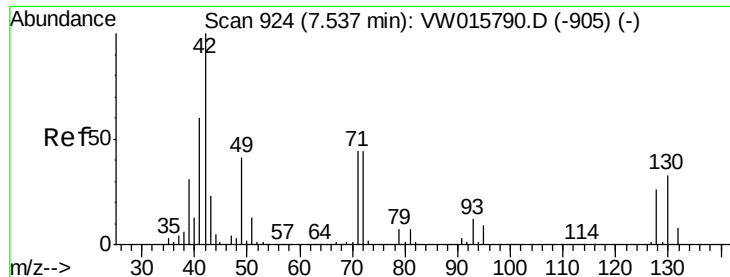
129 1.0 0.0 2.6

130 71.3 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

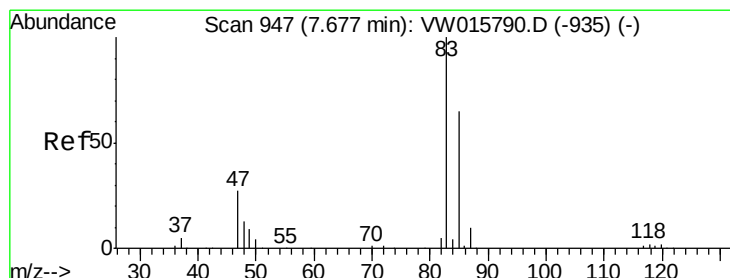
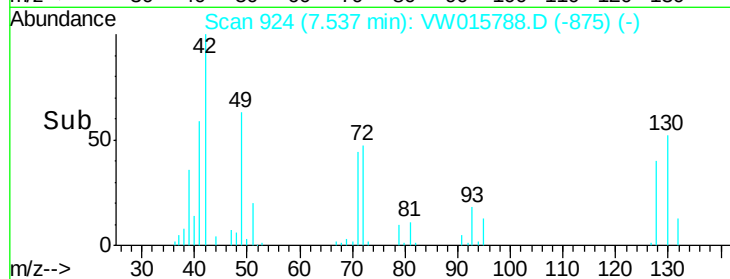
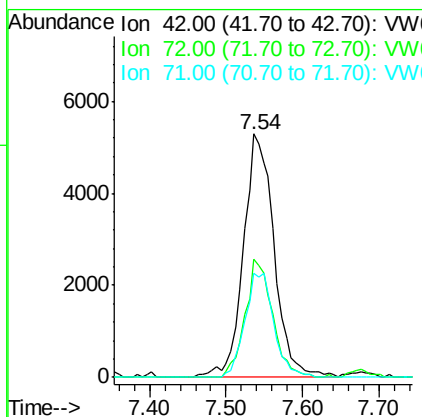
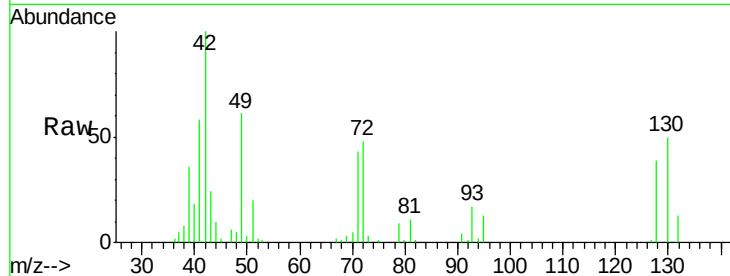




#29
Tetrahydrofuran
Concen: 45.592 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

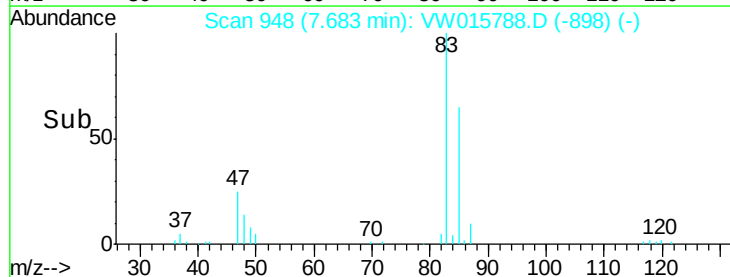
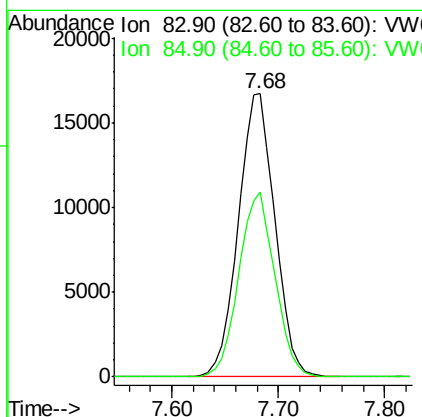
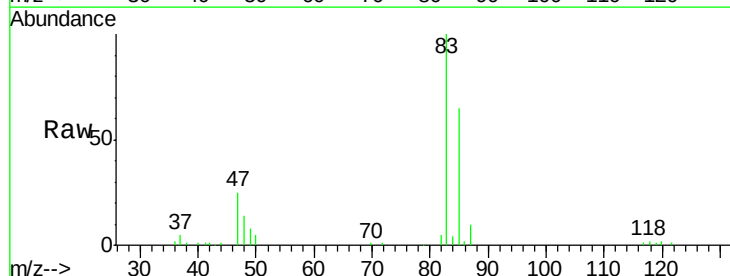
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

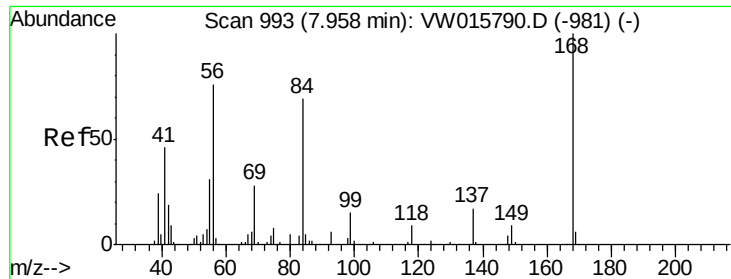
Tot Ion: 42 Resp: 14813
Ion Ratio Lower Upper
42 100
72 43.1 34.6 51.8
71 40.2 32.8 49.2



#30
Chloroform
Concen: 10.066 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 83 Resp: 40372
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4





#31

Cyclohexane

Concen: 10.267 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

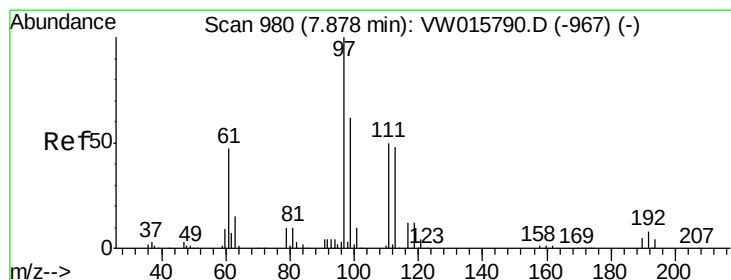
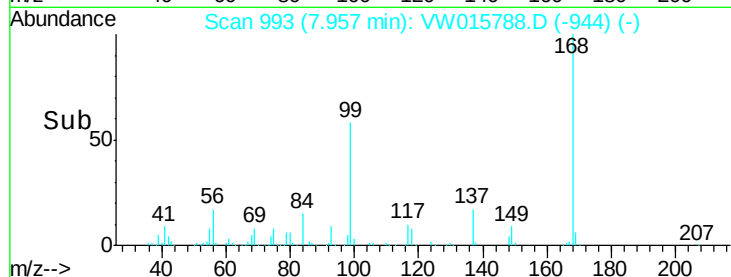
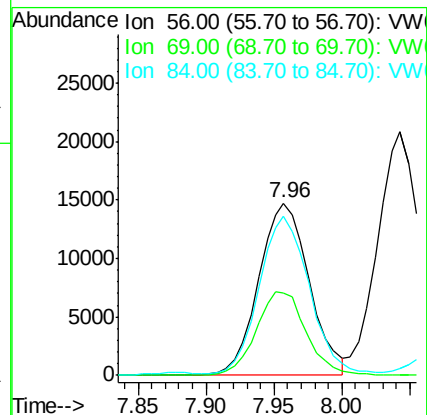
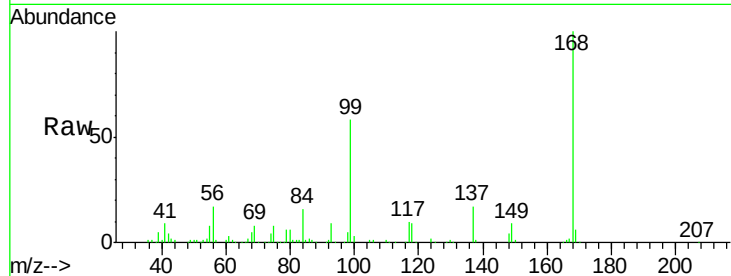
Tot Ion: 56 Resp: 38103

Ion Ratio Lower Upper

56 100

69 48.1 28.9 43.3#

84 90.8 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 9.992 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

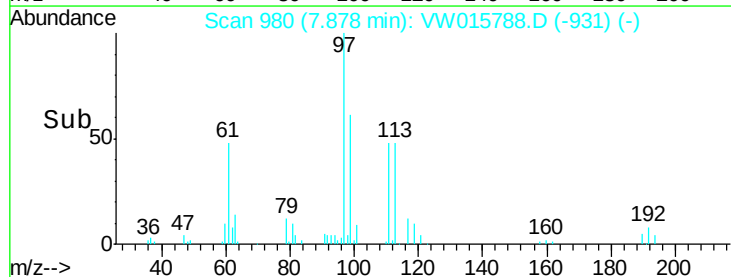
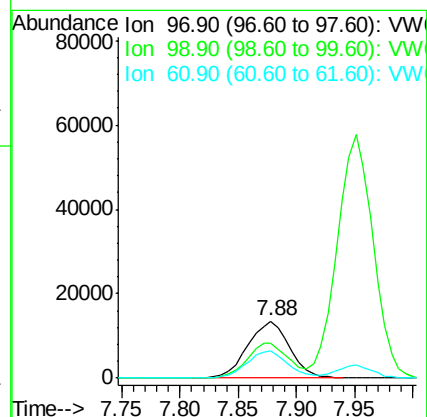
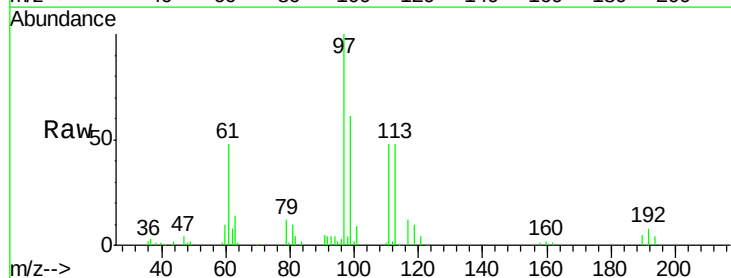
Tgt Ion: 97 Resp: 33550

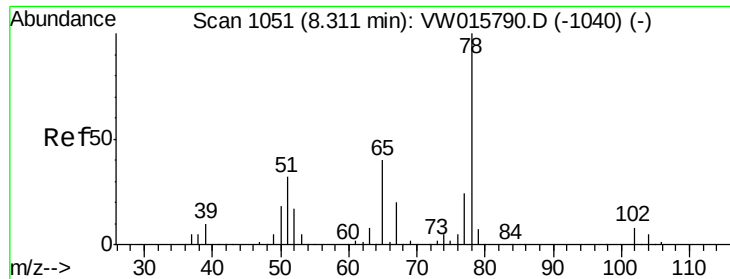
Ion Ratio Lower Upper

97 100

99 62.2 51.0 76.4

61 47.1 38.6 57.8

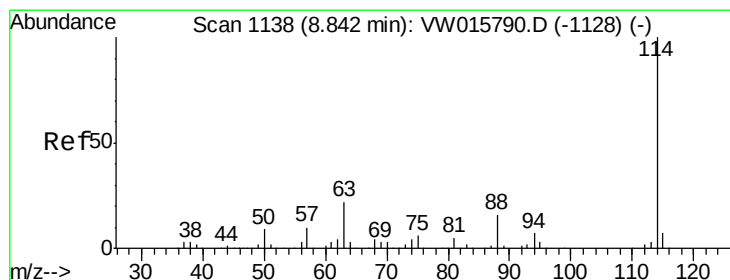
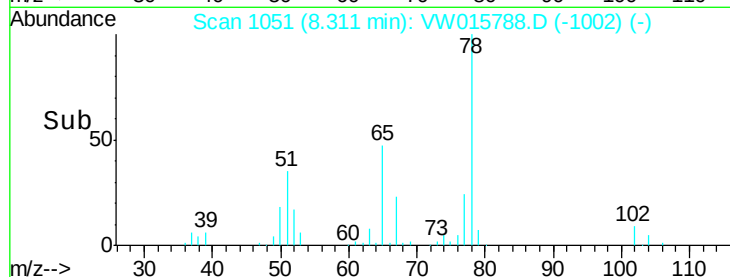
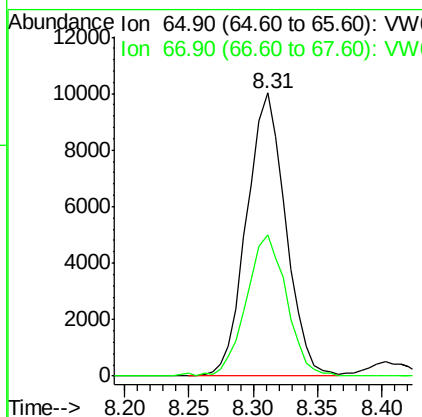
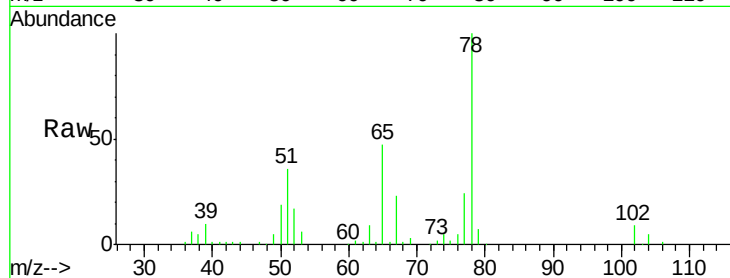




#33
 1,2-Dichloroethane-d4
 Concen: 9.867 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

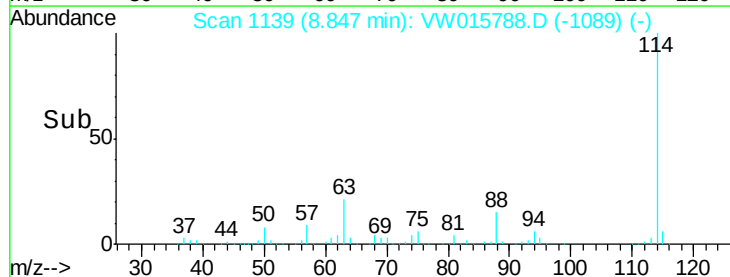
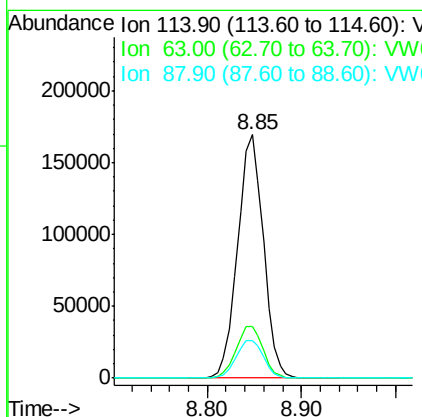
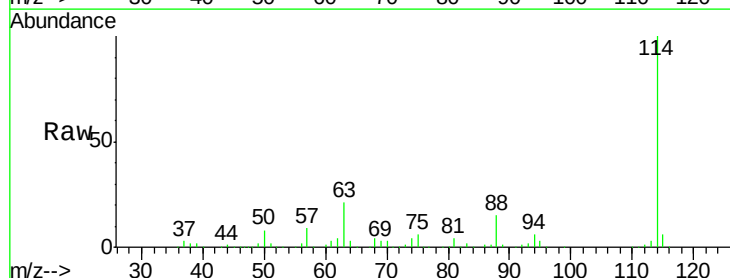
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

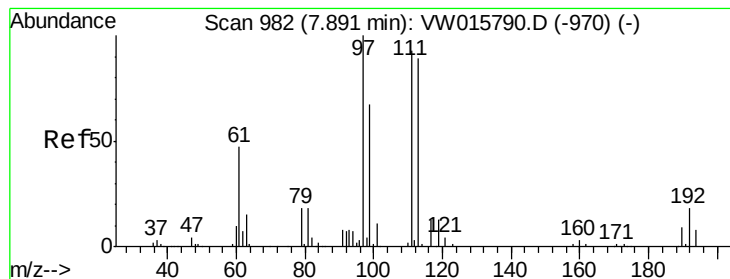
Tot Ion: 65 Resp: 21056
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 114 Resp: 323538
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.4
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 10.421 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

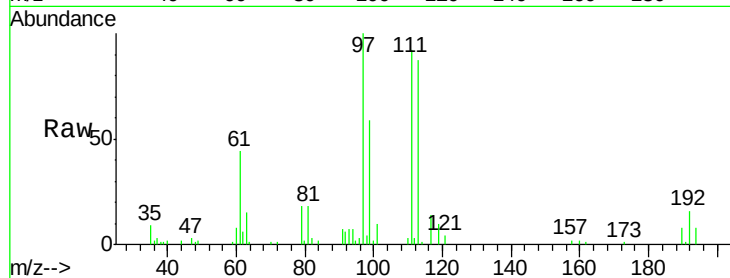
Tot Ion:113 Resp: 19591

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

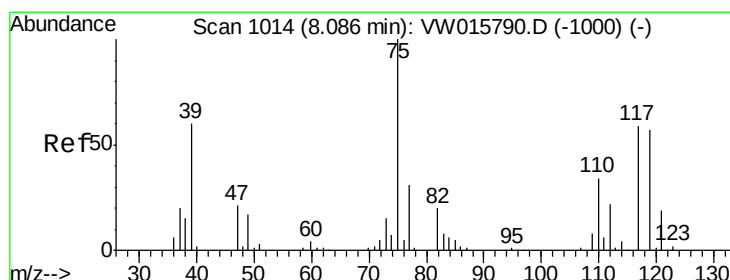
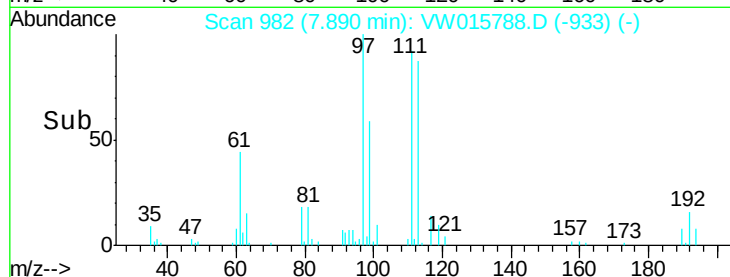
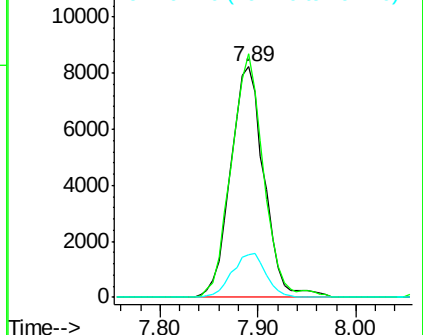
192 19.0 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 10.057 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

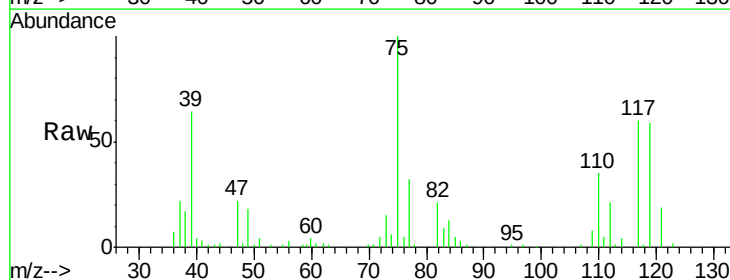
Tgt Ion: 75 Resp: 32088

Ion Ratio Lower Upper

75 100

110 34.0 16.8 50.3

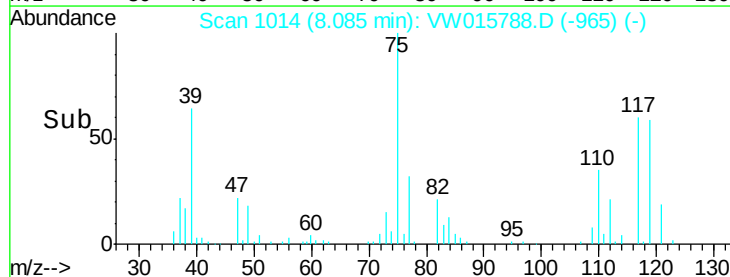
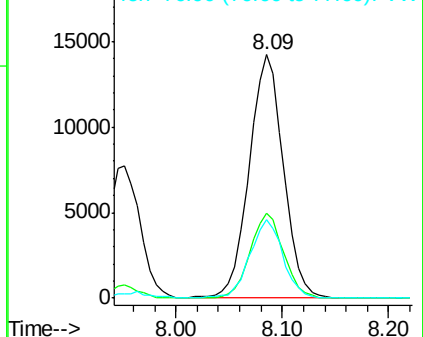
77 31.1 24.7 37.1

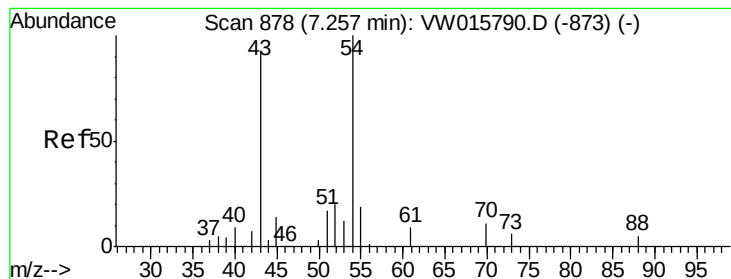


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 9.563 ug/l

RT: 7.27 min Scan# 880

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

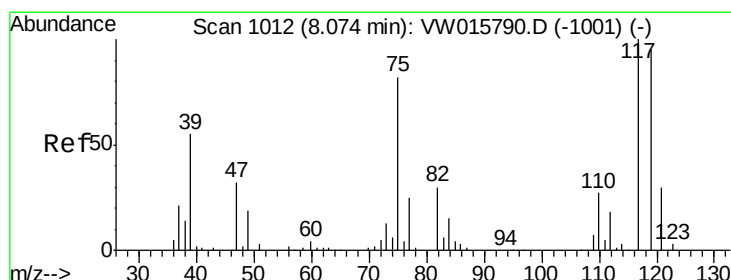
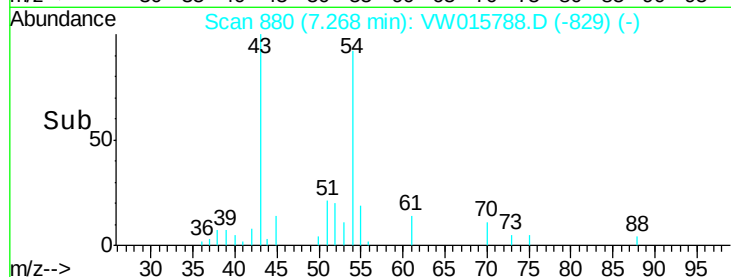
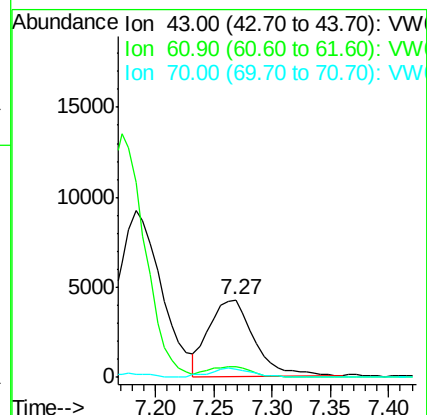
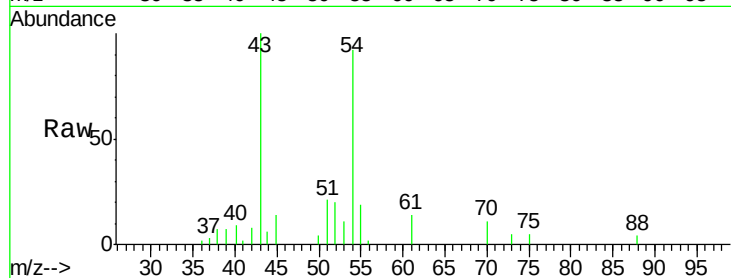
Tot Ion: 43 Resp: 11491

Ion Ratio Lower Upper

43 100

61 14.0 10.4 15.6

70 10.7 8.4 12.6



#38

Carbon Tetrachloride

Concen: 9.962 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

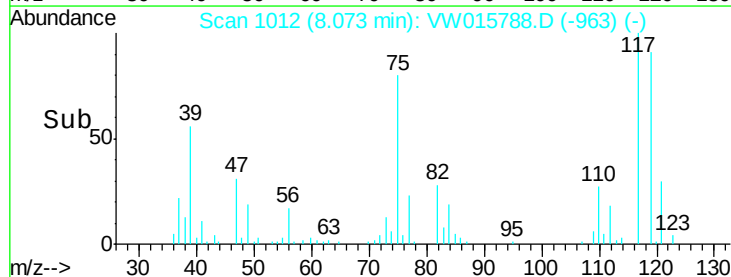
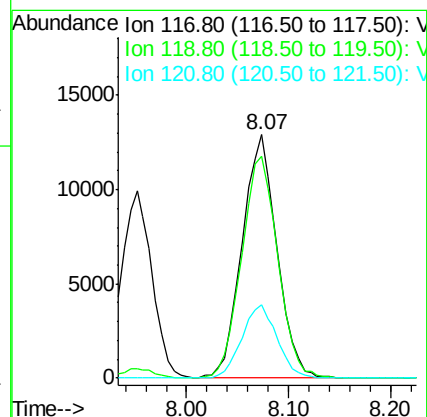
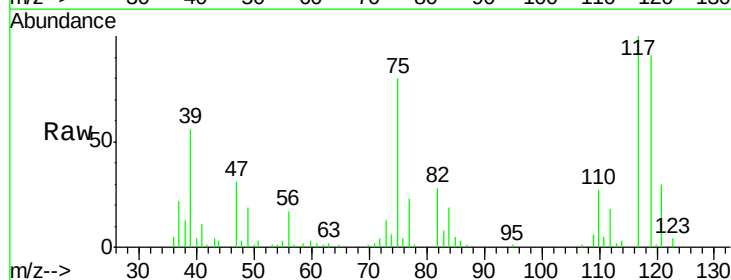
Tgt Ion: 117 Resp: 30553

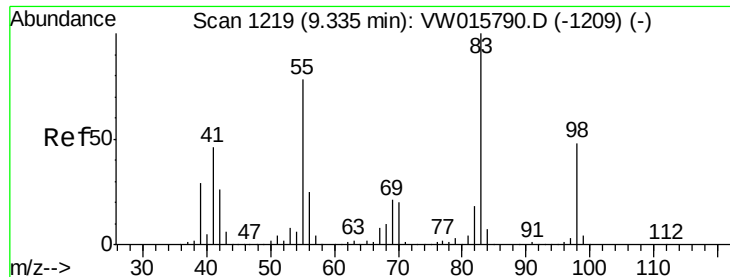
Ion Ratio Lower Upper

117 100

119 91.4 76.3 114.5

121 30.1 24.0 36.0

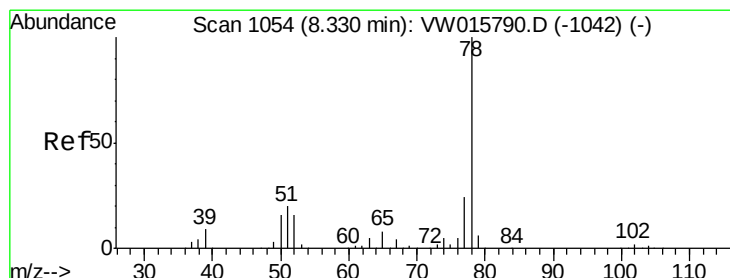
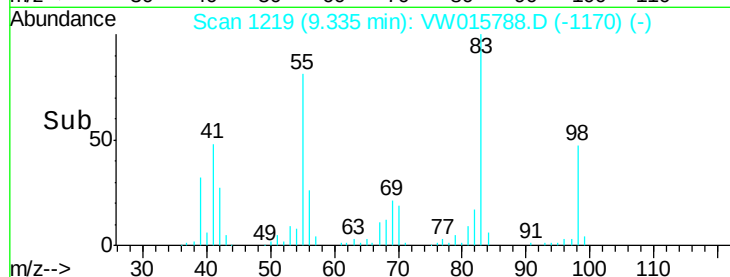
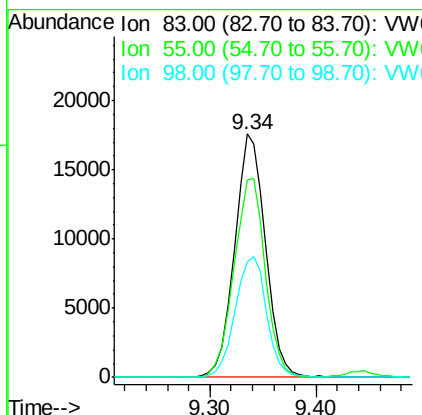
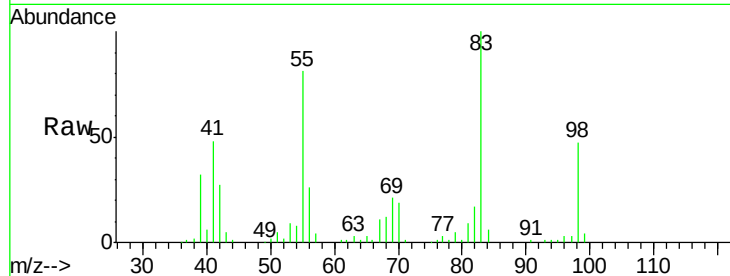




#39
Methylvlcyclohexane
Concen: 9.435 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

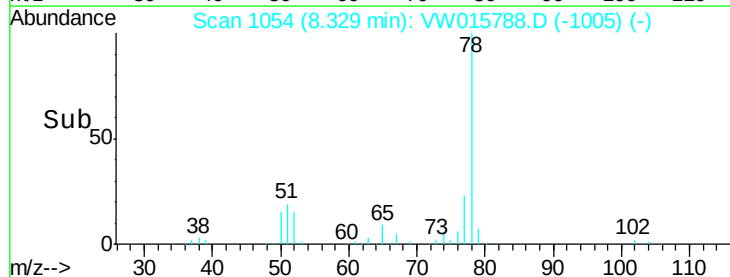
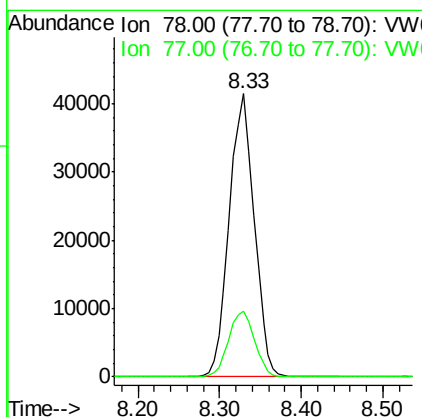
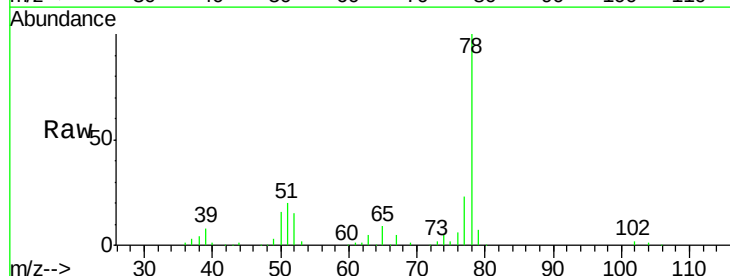
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

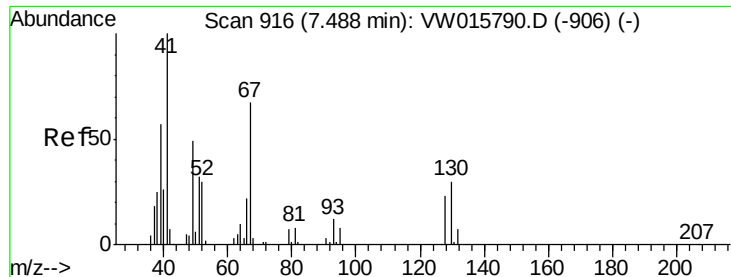
Tot Ion: 83 Resp: 35612
Ion Ratio Lower Upper
83 100
55 81.0 62.6 94.0
98 47.5 38.6 58.0



#40
Benzene
Concen: 10.076 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 78 Resp: 87868
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

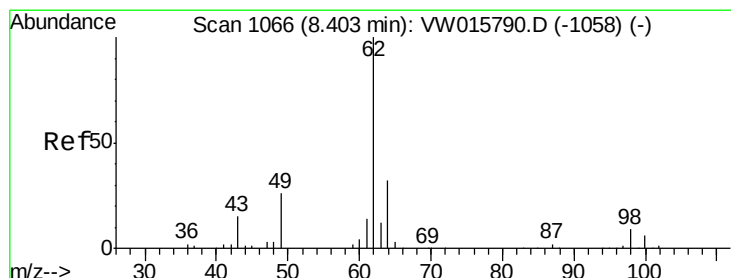
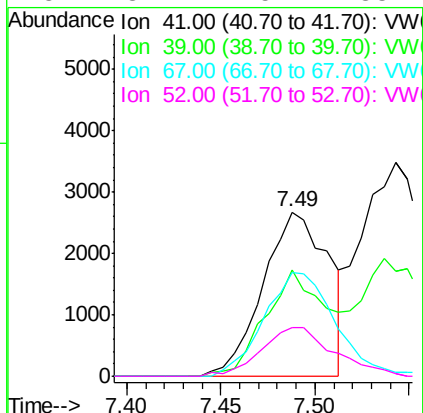
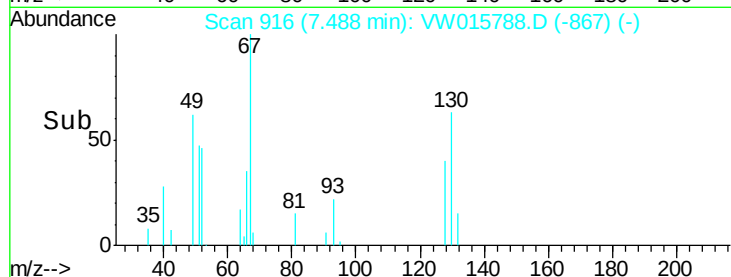
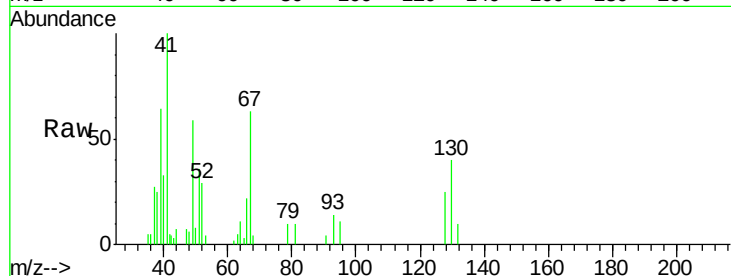




#41
Methacrylonitrile
Concen: 9.313 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

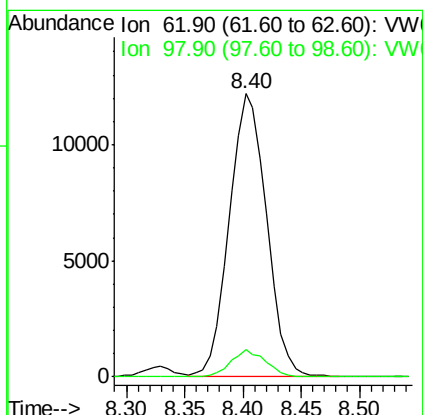
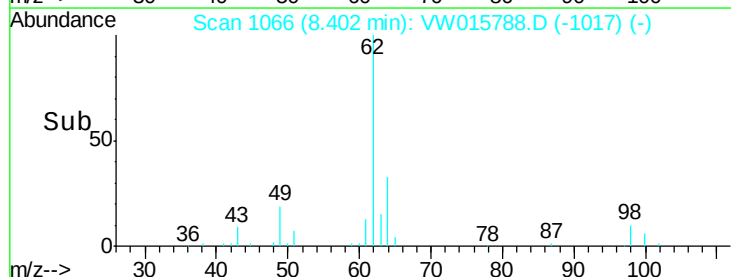
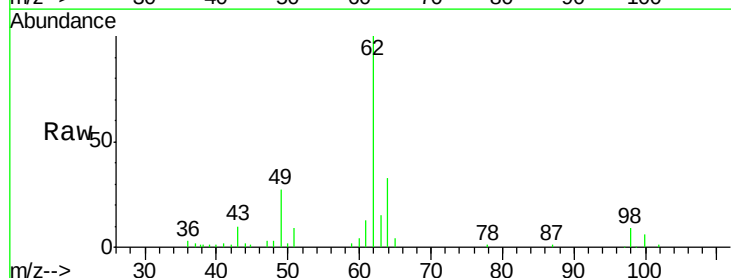
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

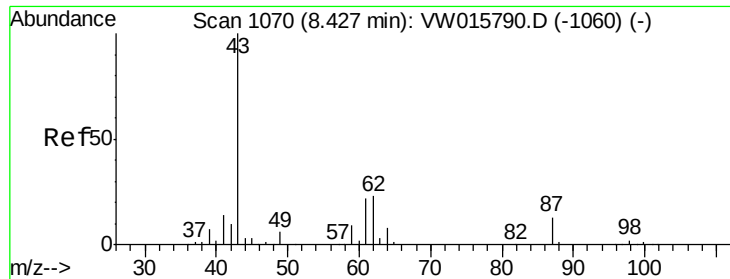
Tot Ion:	41	Resp:	6462
Ion	Ratio	Lower	Upper
41	100		
39	59.7	44.6	66.8
67	68.9	56.4	84.6
52	32.7	25.4	38.2



#42
1,2-Dichloroethane
Concen: 10.053 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:	62	Resp:	27154
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 9.478 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

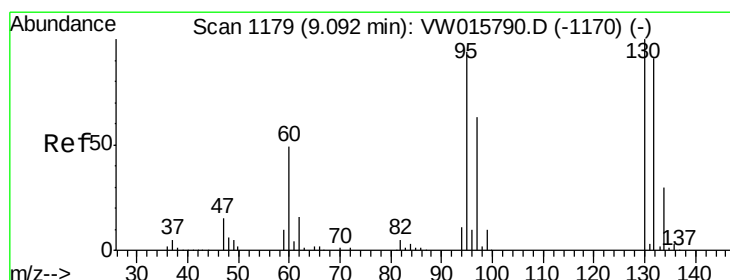
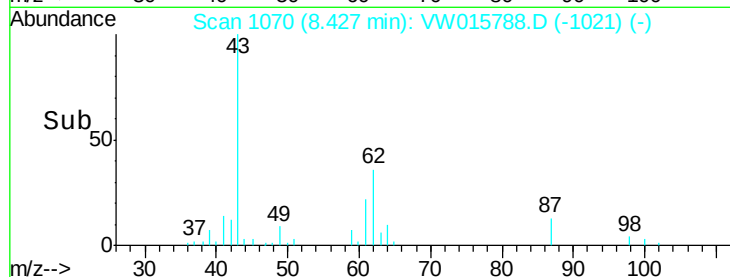
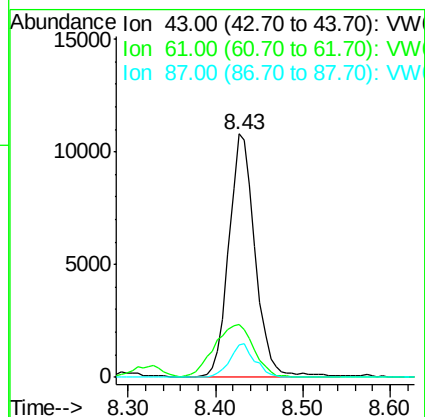
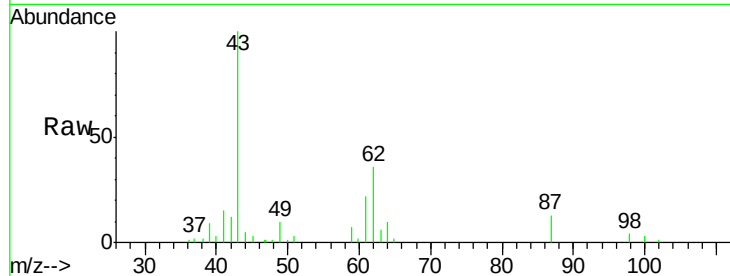
Tot Ion: 43 Resp: 22659

Ion Ratio Lower Upper

43 100

61 32.4 24.8 37.2

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 9.860 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015788.D

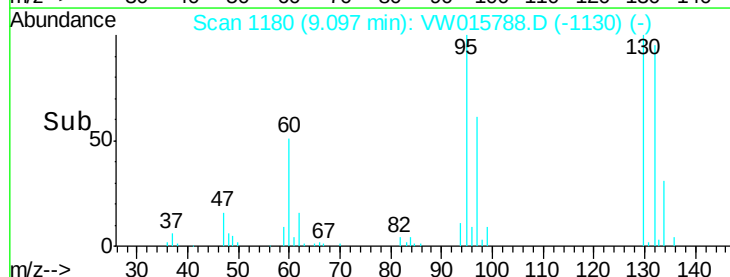
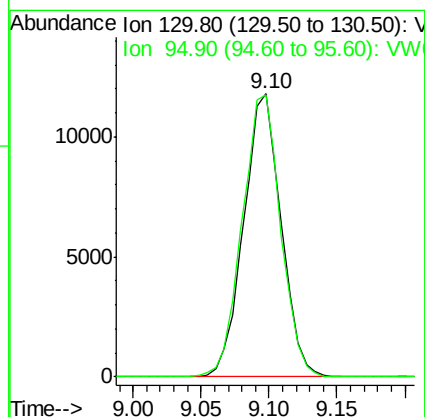
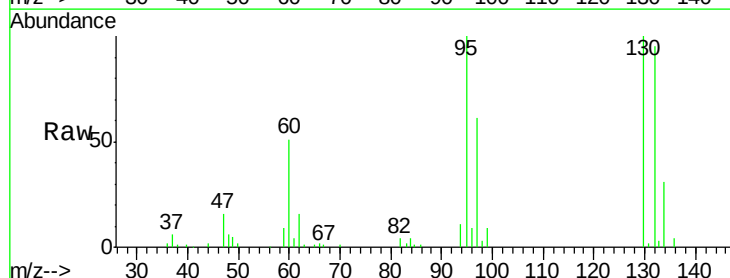
Acq: 07 Jul 2020 11:30

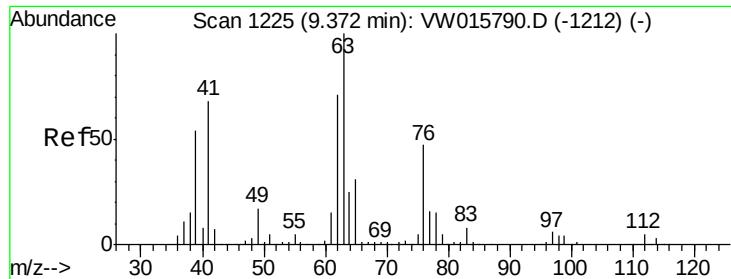
Tgt Ion: 130 Resp: 22742

Ion Ratio Lower Upper

130 100

95 99.8 0.0 188.6

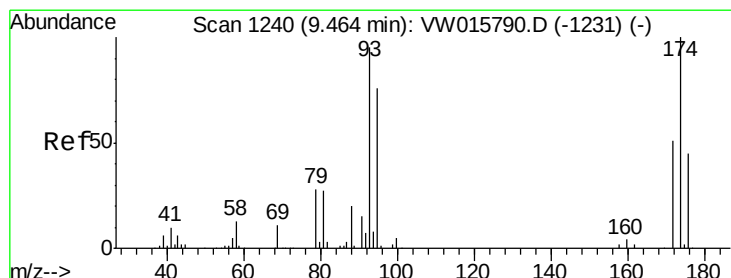
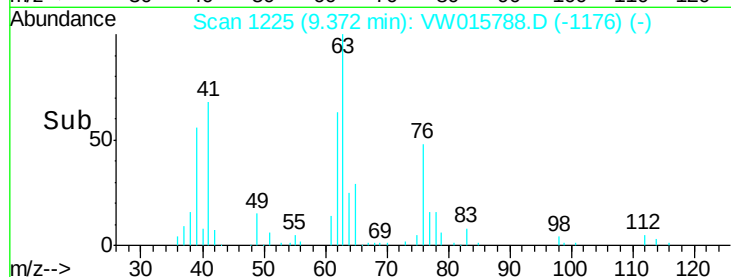
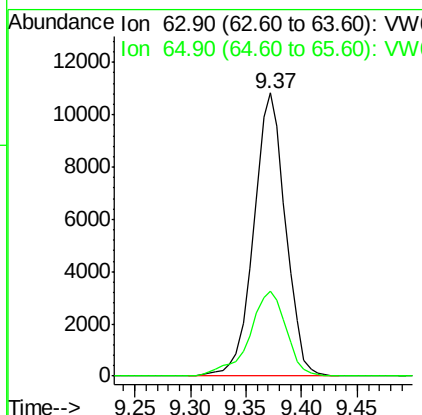
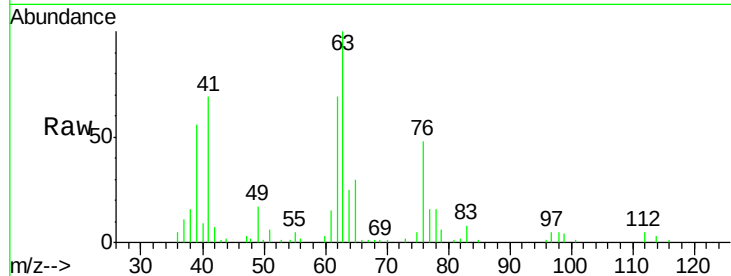




#45
 1,2-Dichloropropane
 Concen: 10.073 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

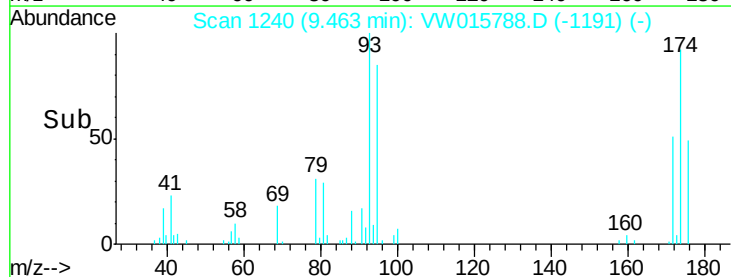
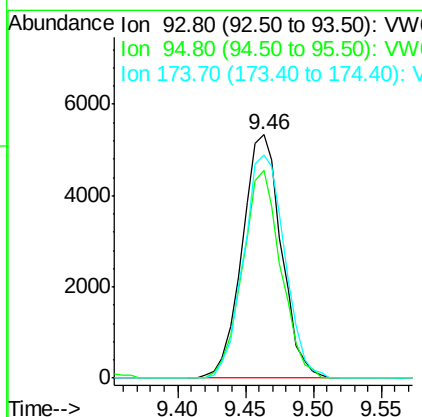
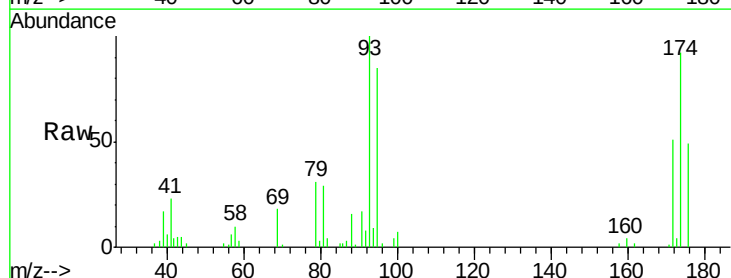
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

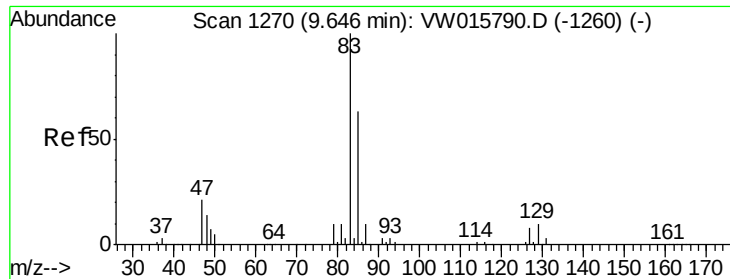
Tot Ion: 63 Resp: 21530
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.5 36.7



#46
 Dibromomethane
 Concen: 9.754 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 93 Resp: 10754
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 96.0 78.7 118.1





#47

Bromodichloromethane

Concen: 9.480 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

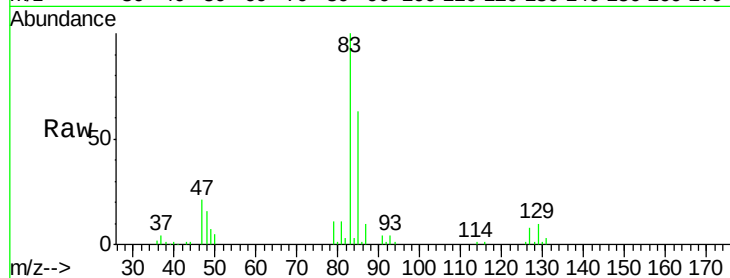
Tot Ion: 83 Resp: 27109

Ion Ratio Lower Upper

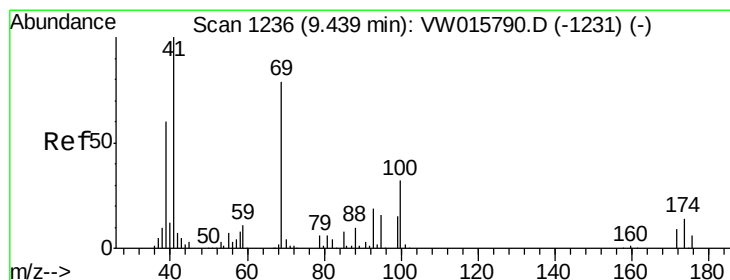
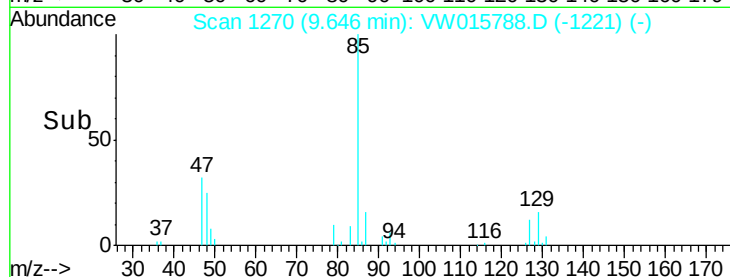
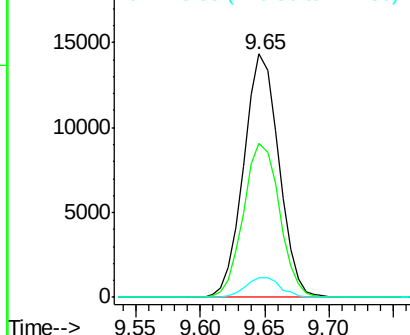
83 100

85 63.4 50.6 76.0

127 7.8 6.2 9.2



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



#48

Methyl methacrylate

Concen: 8.650 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

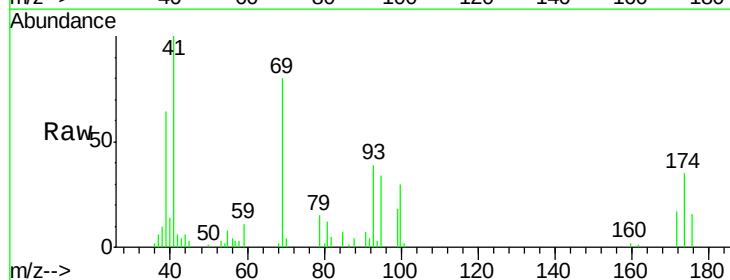
Tgt Ion: 41 Resp: 9760

Ion Ratio Lower Upper

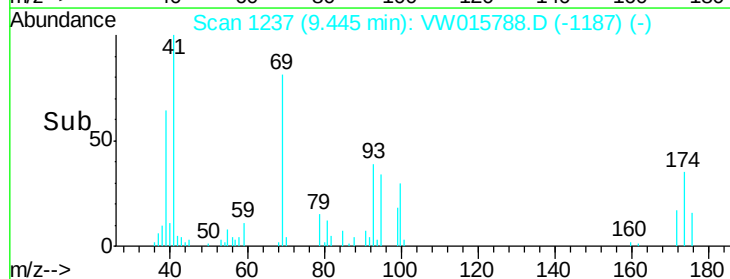
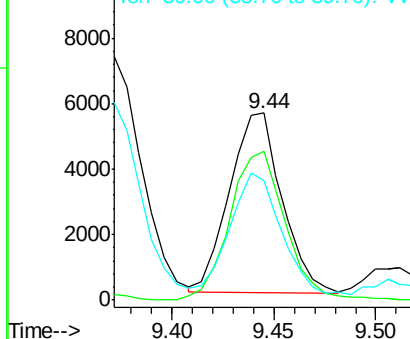
41 100

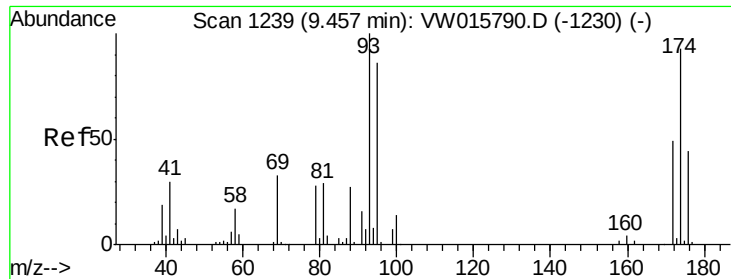
69 88.4 67.1 100.7

39 65.6 49.9 74.9



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

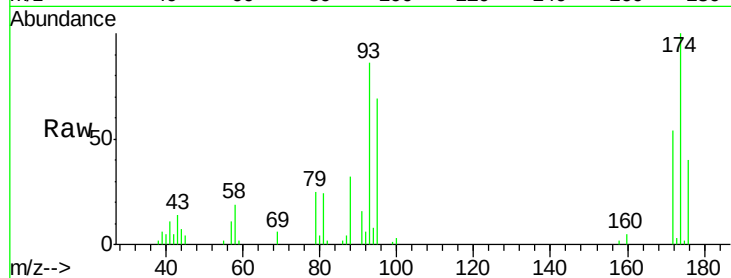




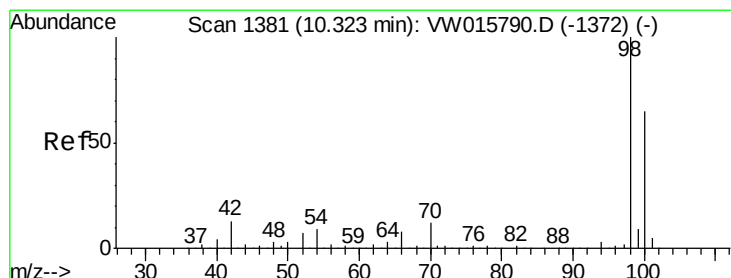
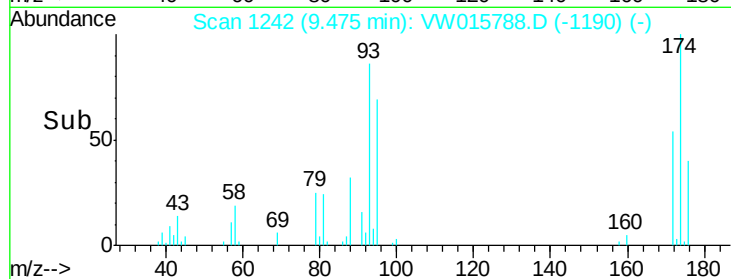
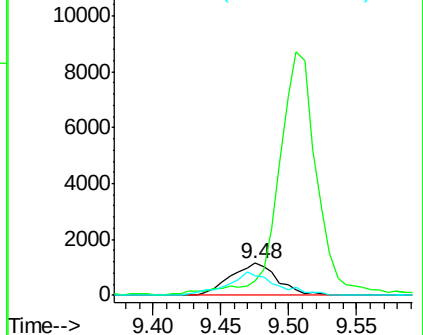
#49
1,4-Dioxane
Concen: 200.127 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.02 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 2797
Ion Ratio Lower Upper
88 100
43 0.0 28.1 42.1#
58 72.5 59.3 88.9

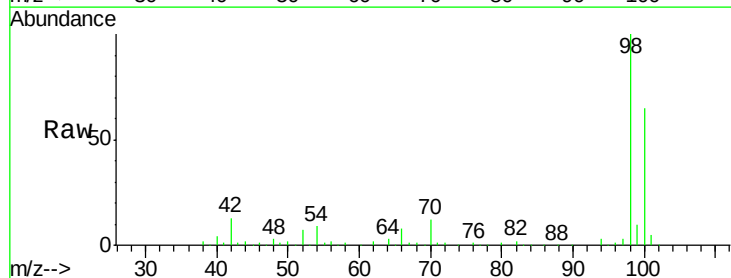


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

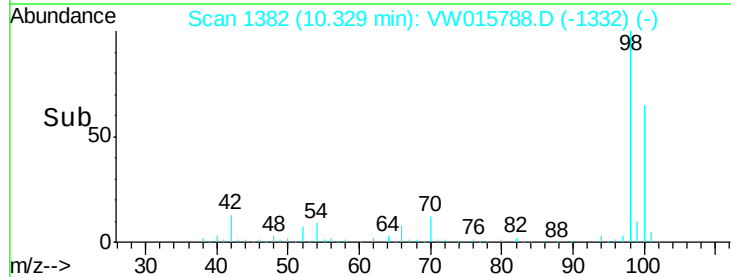
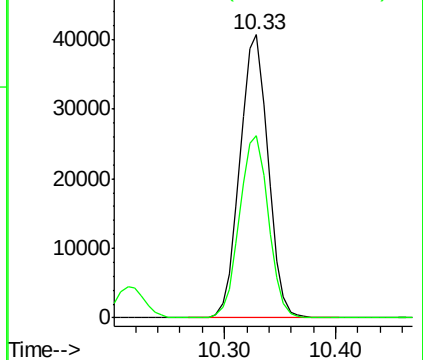


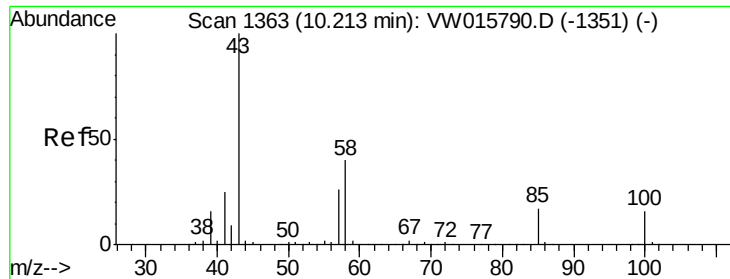
#50
Toluene-d8
Concen: 9.828 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 98 Resp: 71609
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 46.126 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

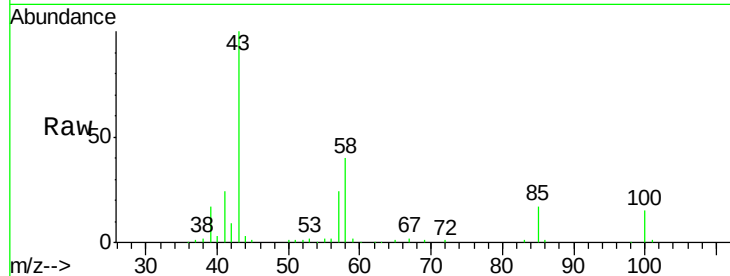
VSTDIC010

Tot Ion: 43 Resp: 53931

Ion Ratio Lower Upper

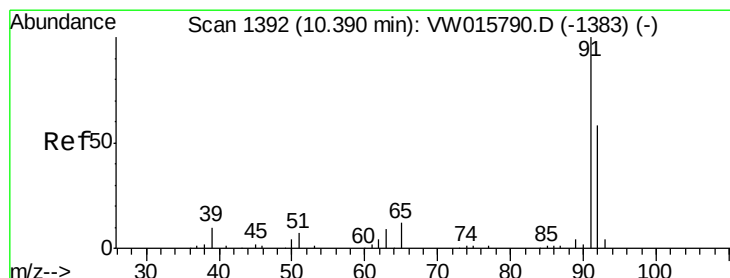
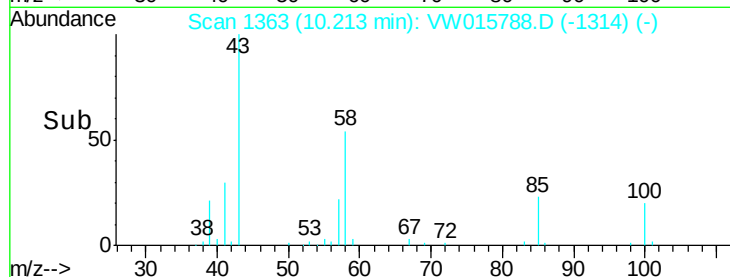
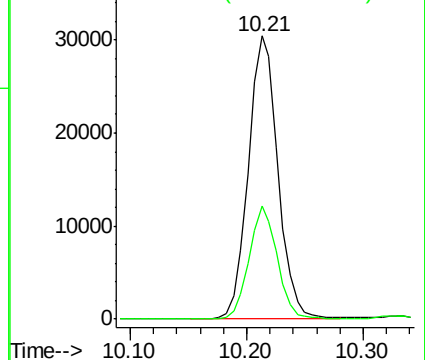
43 100

58 37.8 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 9.867 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015788.D

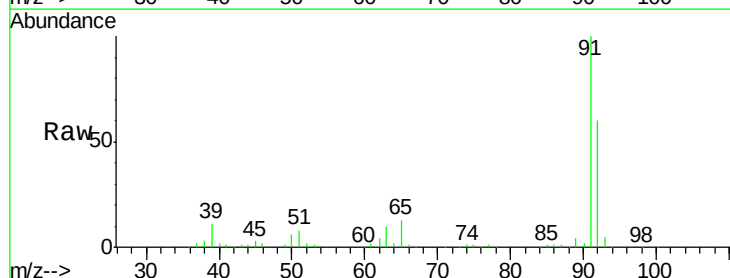
Acq: 07 Jul 2020 11:30

Tgt Ion: 92 Resp: 54981

Ion Ratio Lower Upper

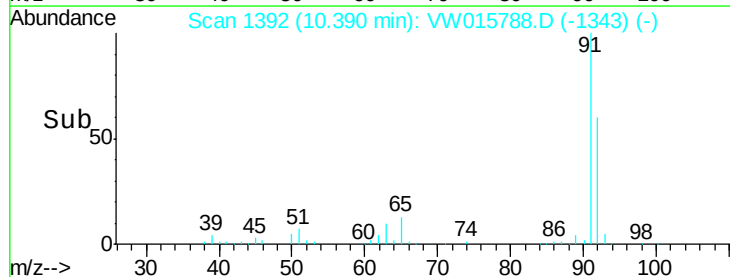
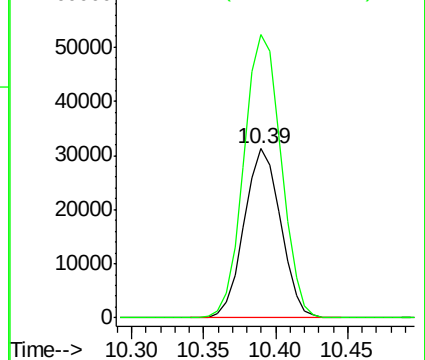
92 100

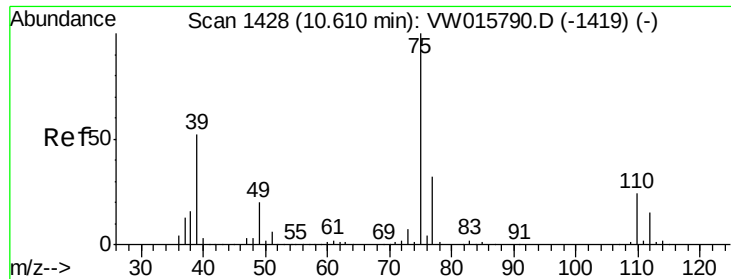
91 170.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

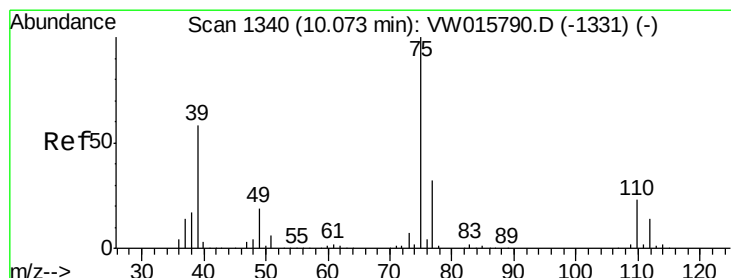
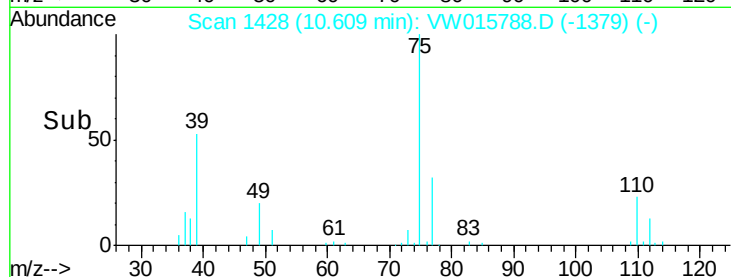
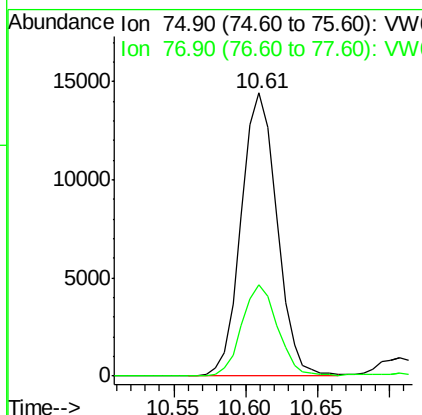
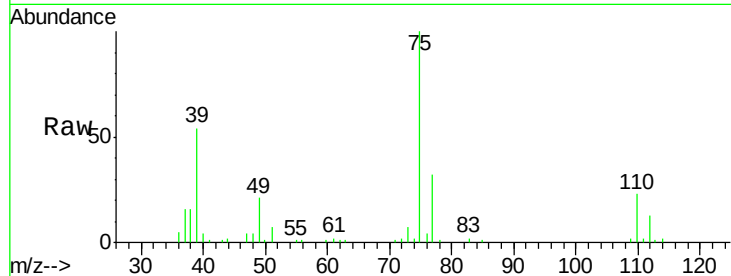




#53
 t-1,3-Dichloropropene
 Concen: 9.095 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

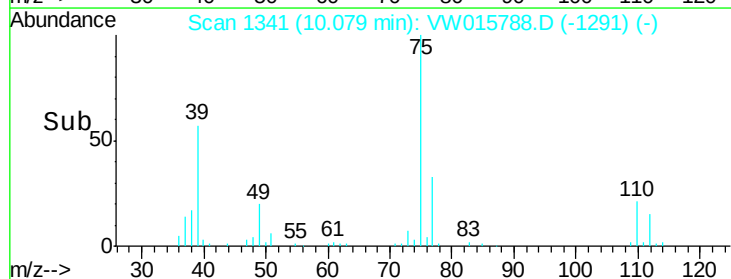
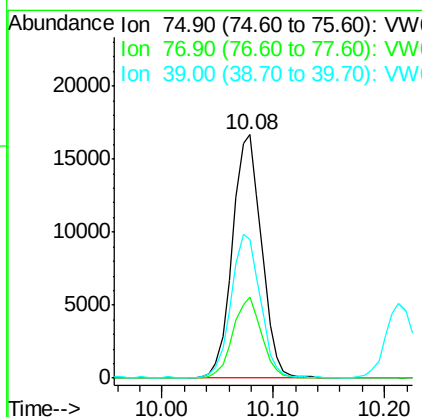
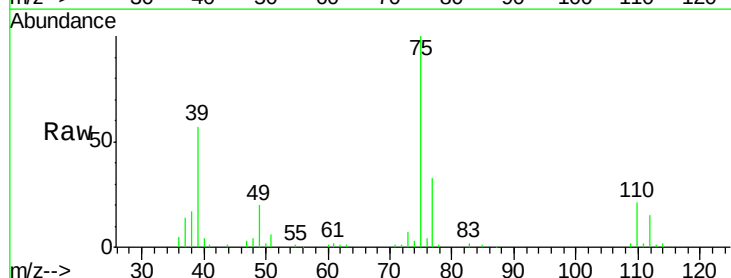
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

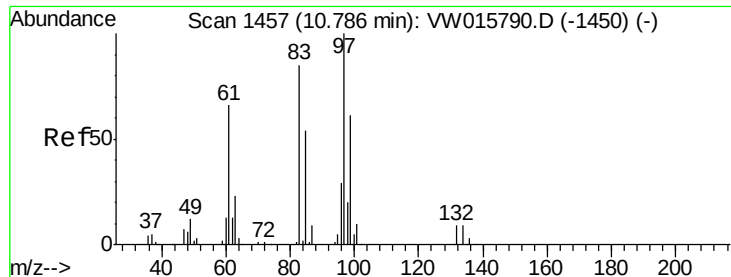
Tot Ion: 75 Resp: 24893
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.218 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 75 Resp: 30175
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.2 37.8
 39 56.8 46.0 69.0





#55

1,1,2-Trichloroethane

Concen: 9.726 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 97 Resp: 14912

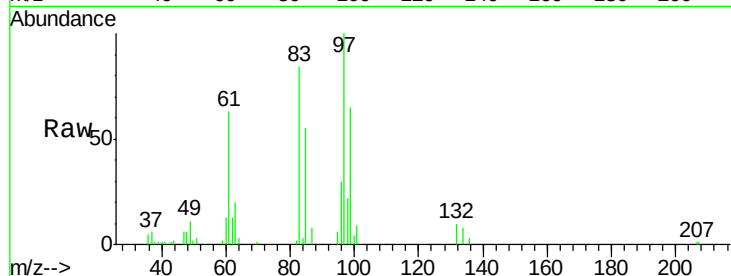
Ion Ratio Lower Upper

97 100

83 84.2 68.2 102.4

85 54.6 43.4 65.0

99 64.8 48.6 72.8

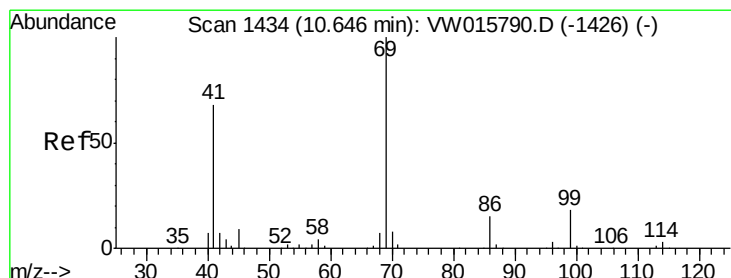
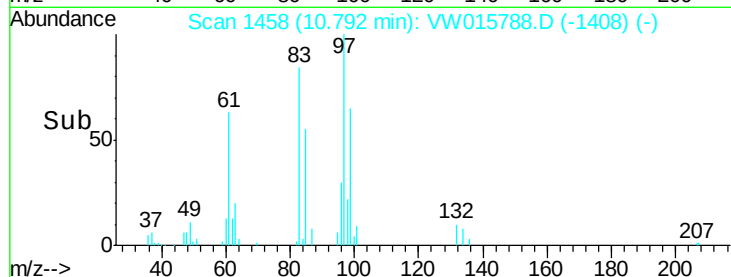
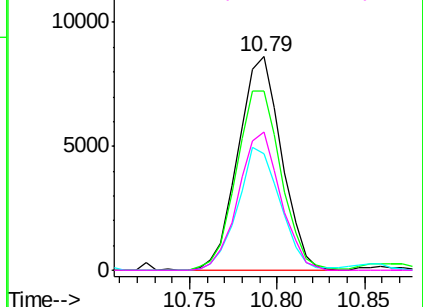


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 8.733 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

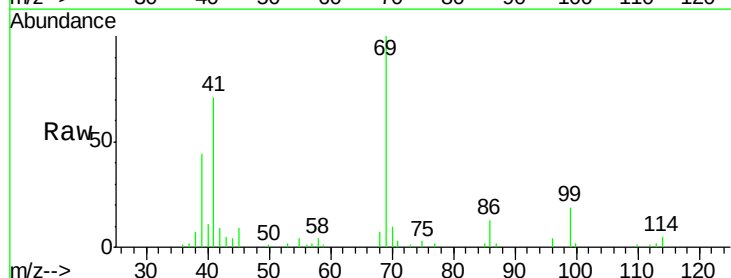
Tgt Ion: 69 Resp: 16387

Ion Ratio Lower Upper

69 100

41 71.4 55.0 82.6

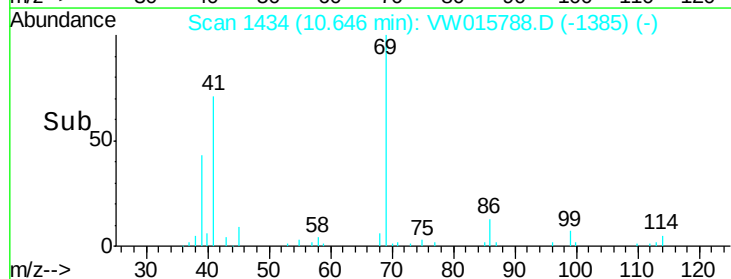
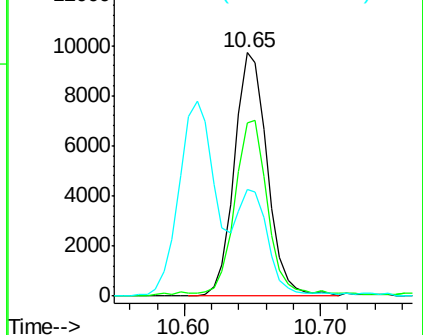
39 39.0 33.8 50.8

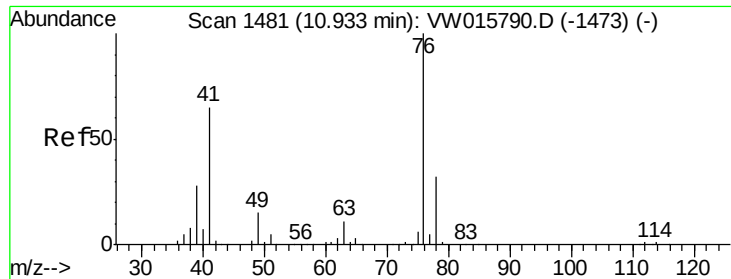


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

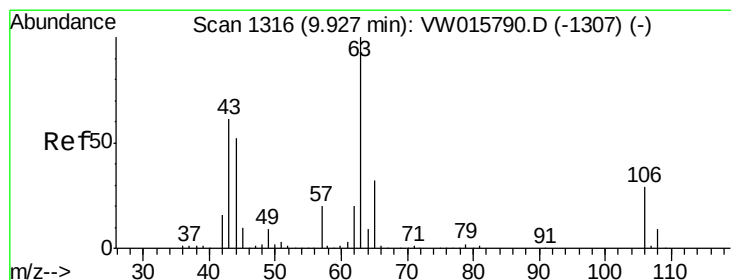
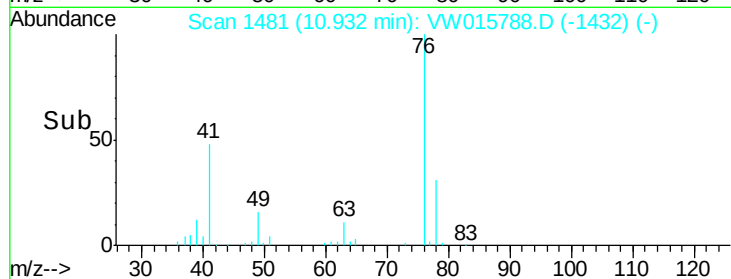
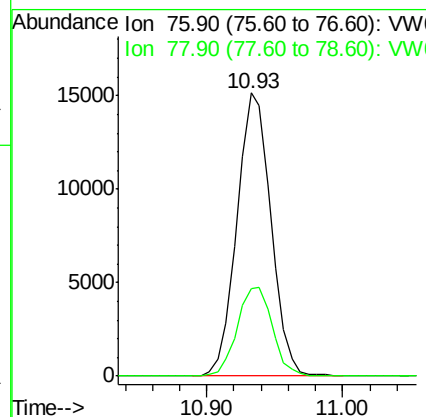
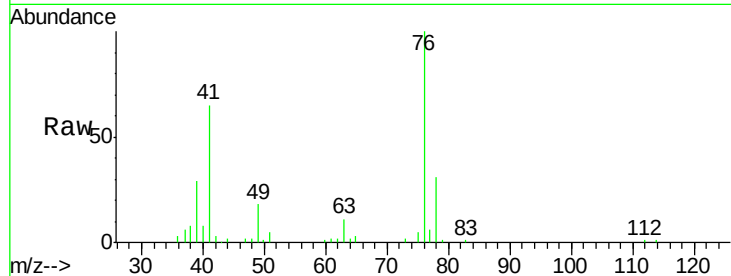




#57
 1,3-Dichloropropane
 Concen: 9.775 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

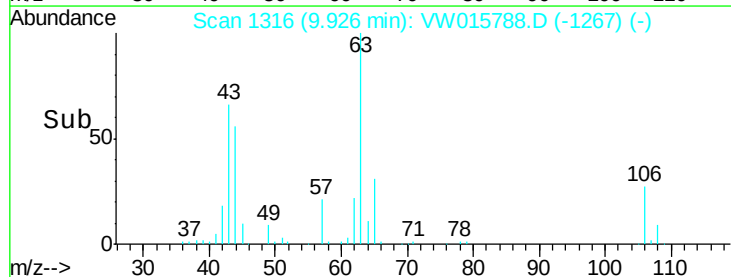
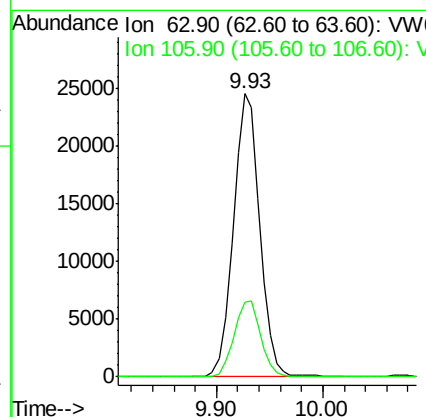
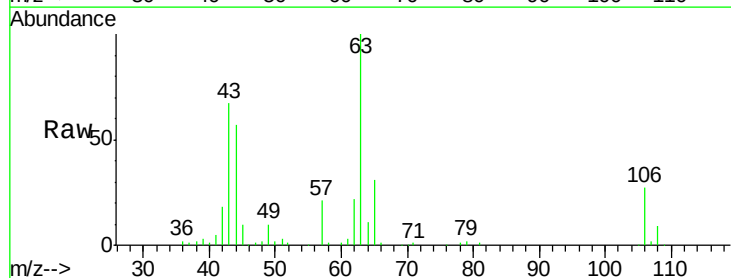
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

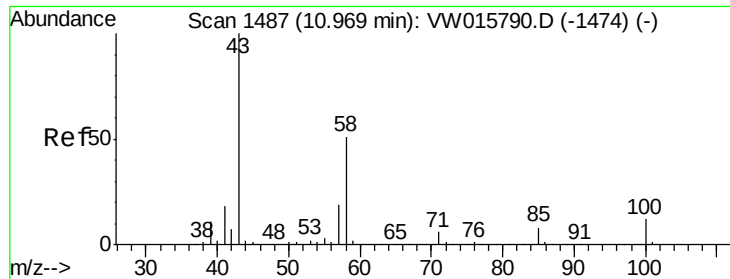
Tot Ion: 76 Resp: 26402
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.035 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 63 Resp: 42361
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.1 34.7





#59

2-Hexanone

Concen: 44.316 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

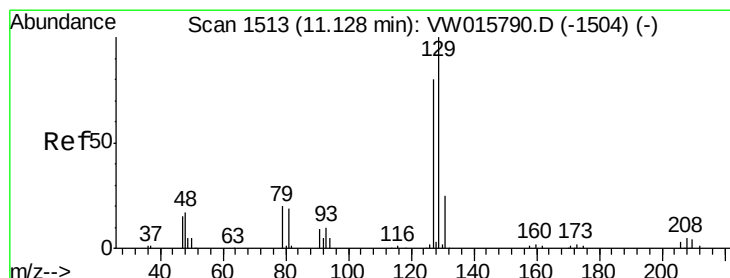
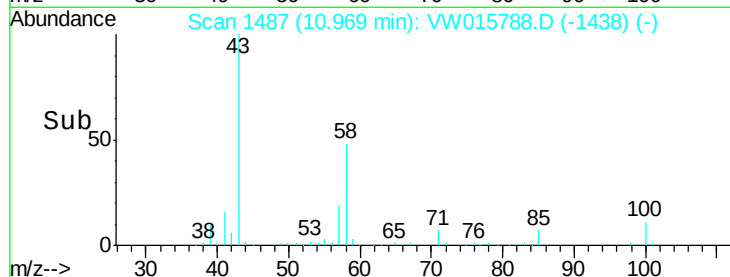
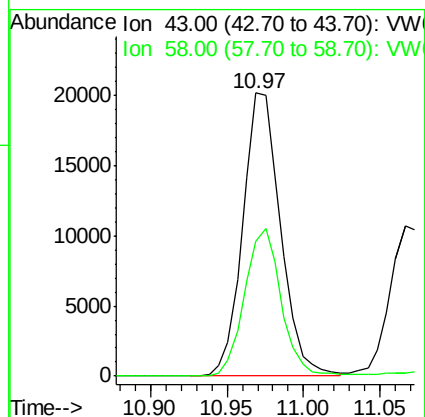
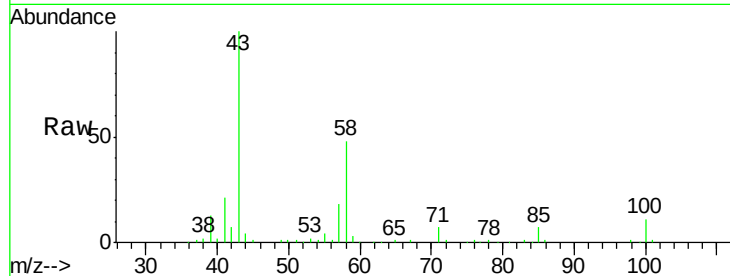
VSTDIC010

Tot Ion: 43 Resp: 34699

Ion Ratio Lower Upper

43 100

58 50.4 26.2 78.5



#60

Dibromochloromethane

Concen: 9.447 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015788.D

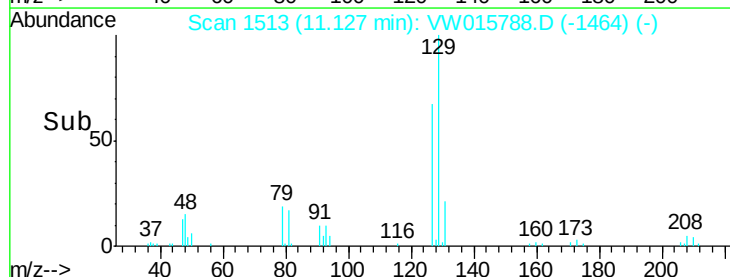
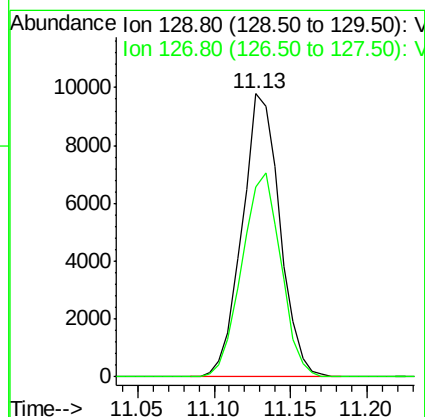
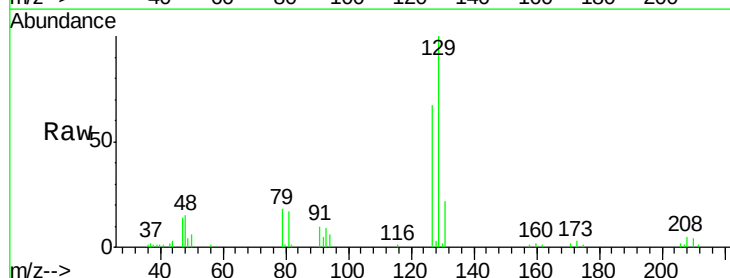
Acq: 07 Jul 2020 11:30

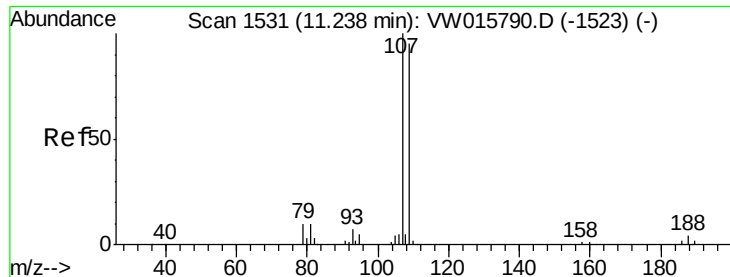
Tgt Ion: 129 Resp: 16757

Ion Ratio Lower Upper

129 100

127 74.4 39.4 118.1





#61

1,2-Dibromoethane

Concen: 9.681 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

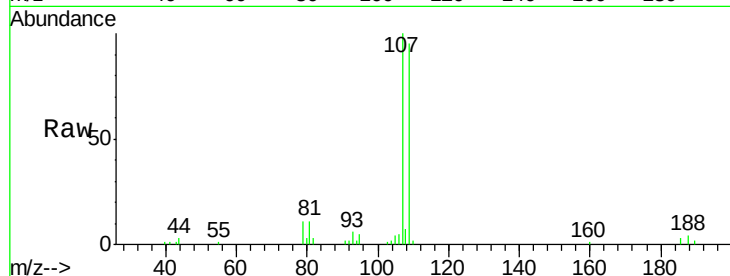
VSTDIC010

Tot Ion: 107 Resp: 14083

Ion Ratio Lower Upper

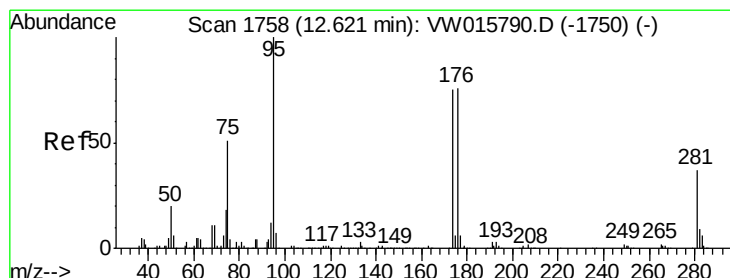
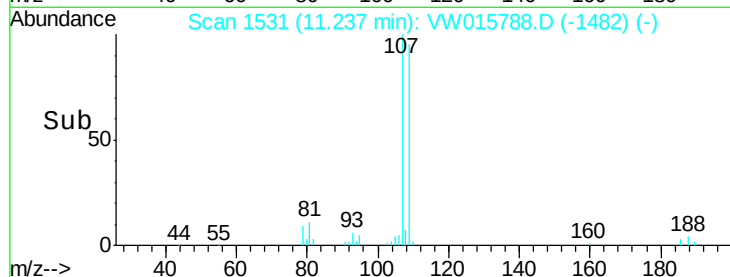
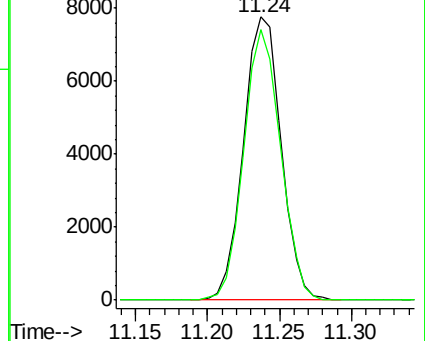
107 100

109 93.4 77.0 115.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.566 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

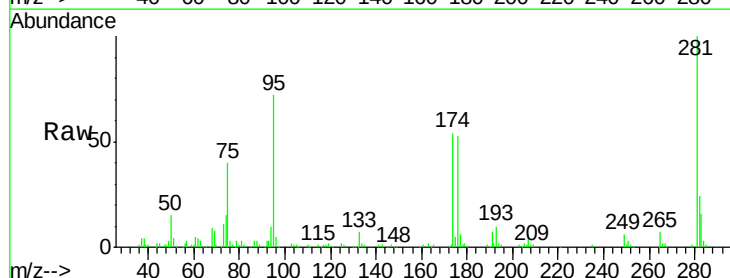
Tgt Ion: 95 Resp: 25581

Ion Ratio Lower Upper

95 100

174 78.6 0.0 150.2

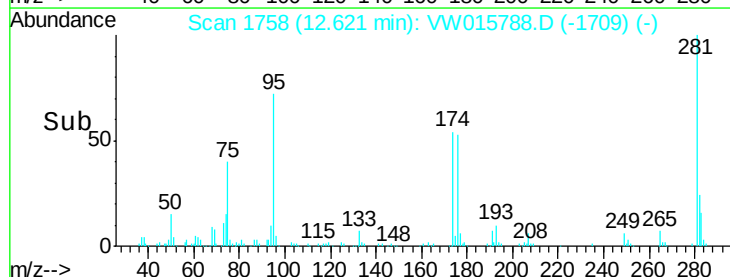
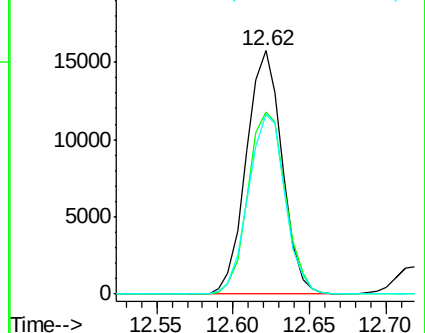
176 76.0 0.0 148.4

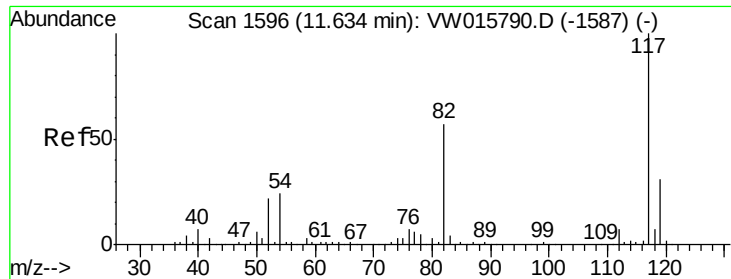


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

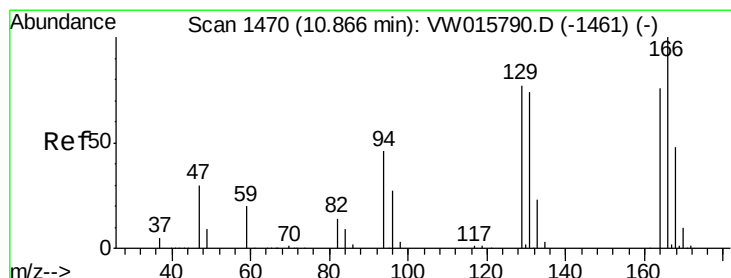
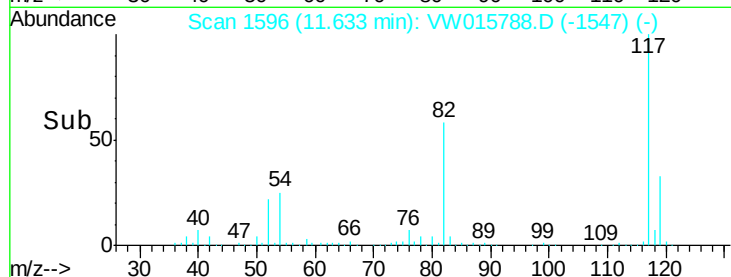
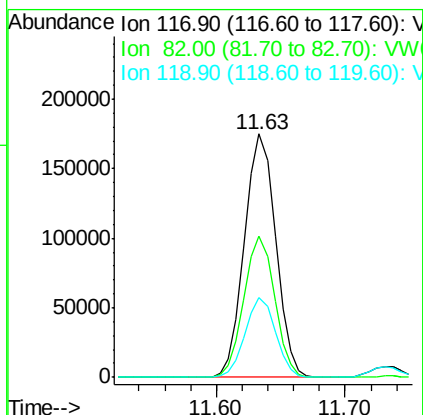
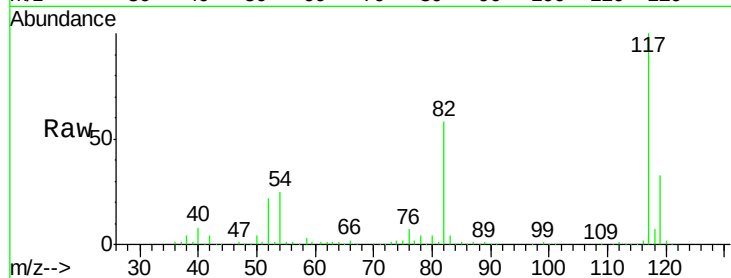




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

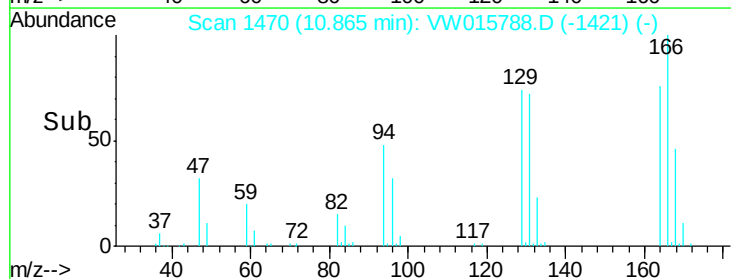
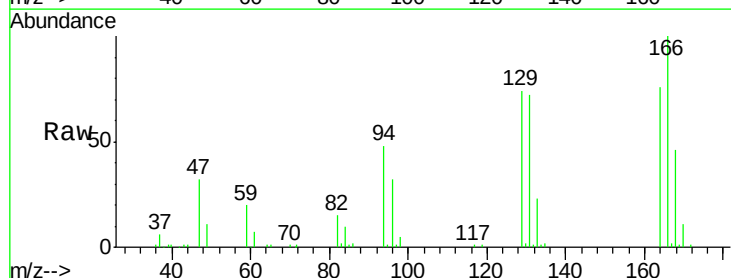
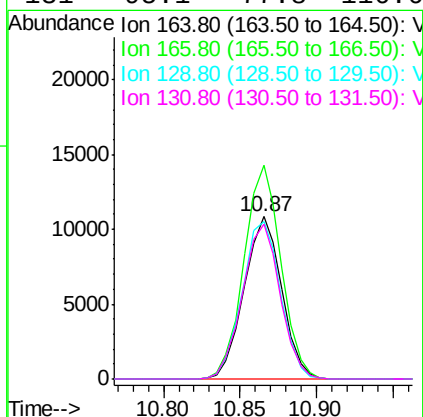
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

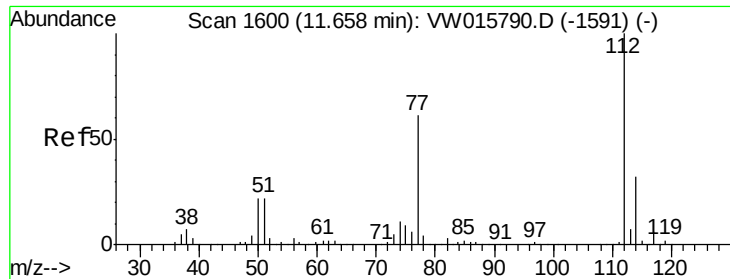
Tot Ion:117 Resp: 294523
Ion Ratio Lower Upper
117 100
82 58.1 45.5 68.3
119 32.9 25.0 37.6



#64
Tetrachloroethene
Concen: 9.891 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:164 Resp: 18450
Ion Ratio Lower Upper
164 100
166 131.5 105.1 157.7
129 97.1 80.6 121.0
131 95.1 77.8 116.6

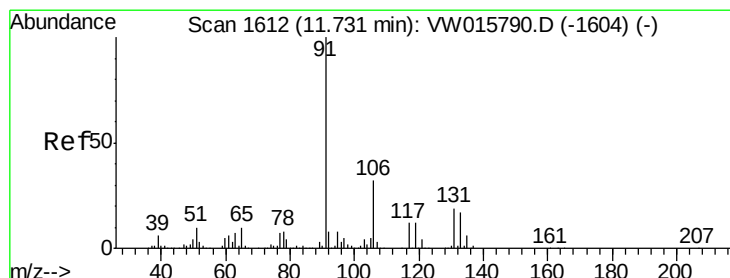
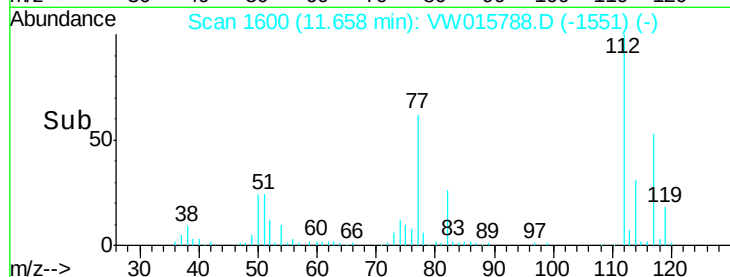
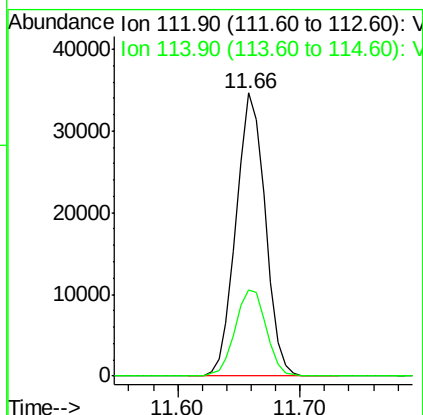
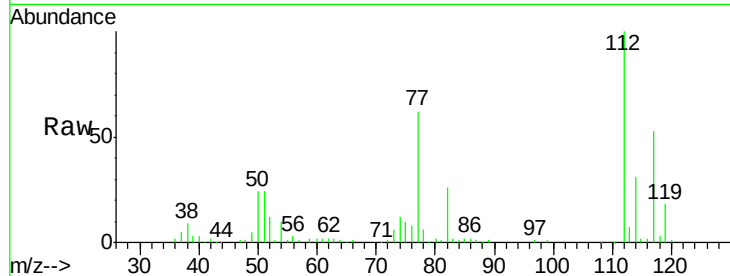




#65
Chlorobenzene
Concen: 9.912 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

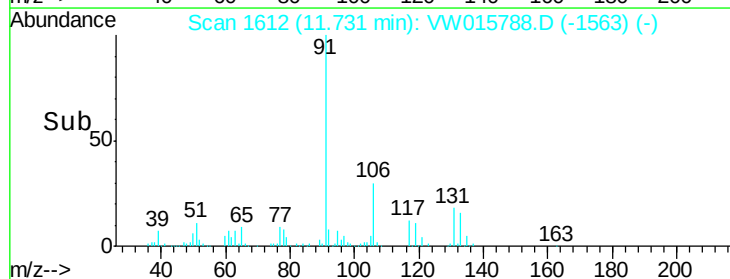
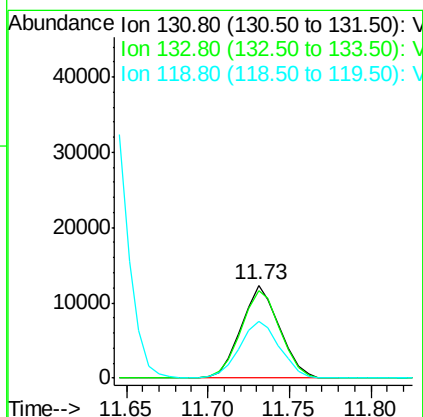
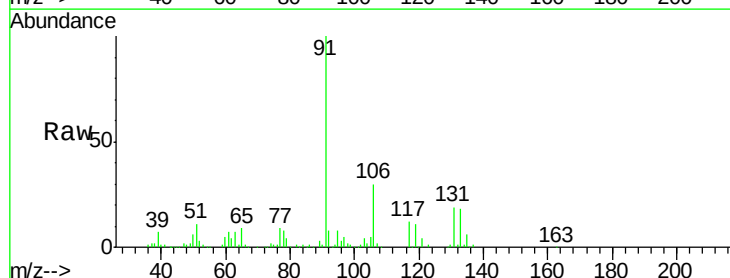
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

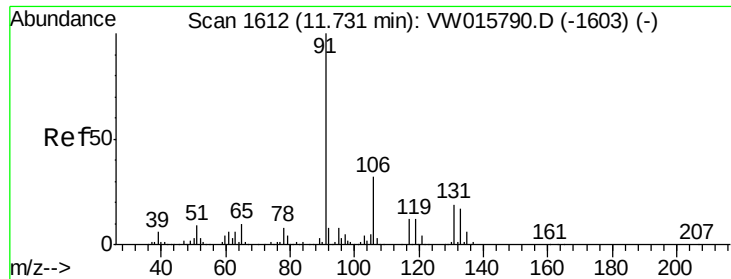
Tot Ion:112 Resp: 57295
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 9.858 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:131 Resp: 20137
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.2
119 63.9 32.3 96.8

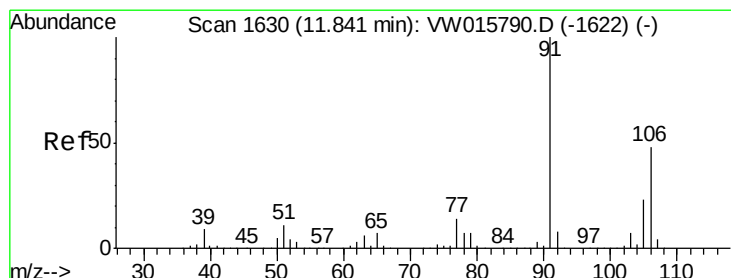
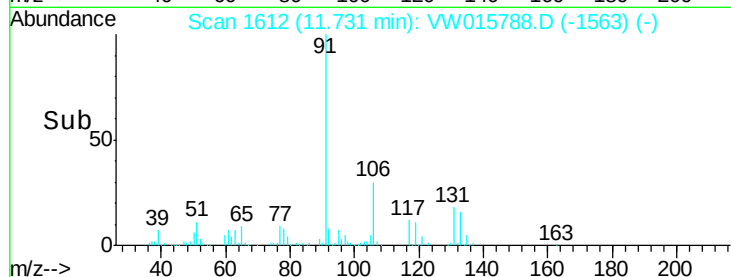
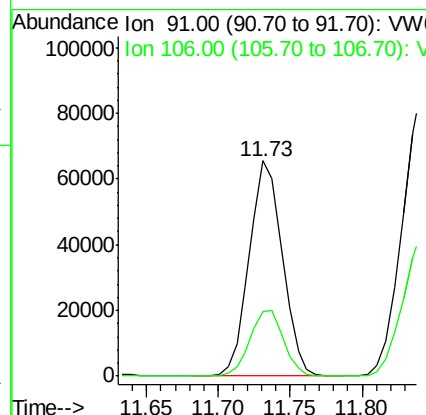
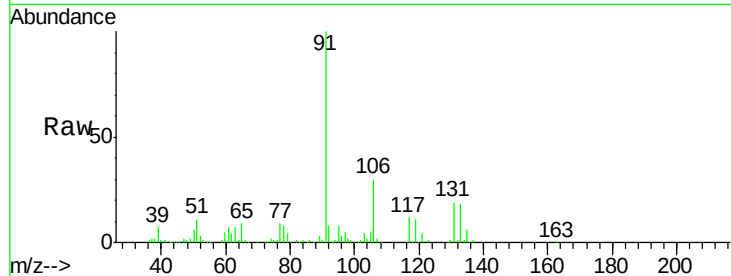




#67
Ethyl Benzene
Concen: 9.788 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

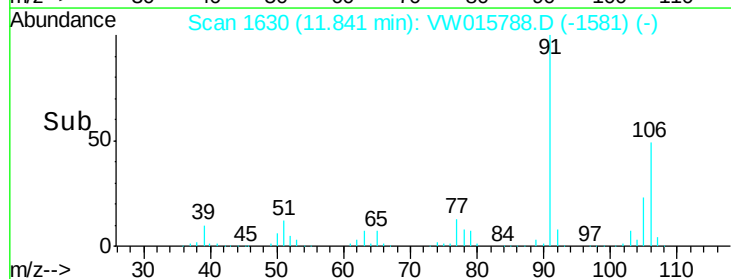
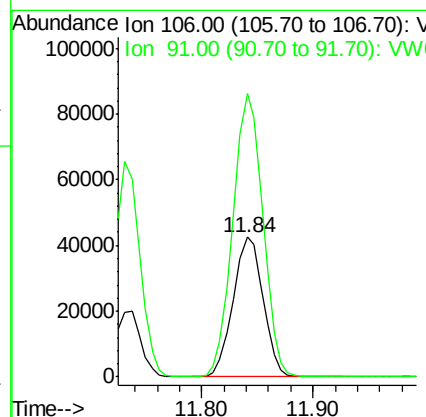
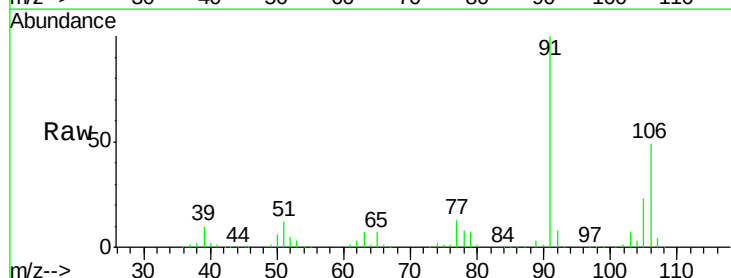
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

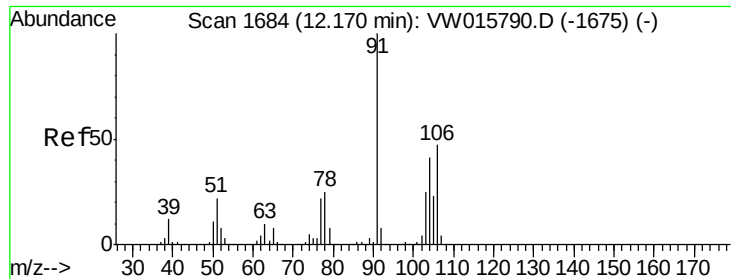
Tot Ion: 91 Resp: 104630
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#68
m/p-Xylenes
Concen: 19.790 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 106 Resp: 79379
Ion Ratio Lower Upper
106 100
91 203.4 164.1 246.1

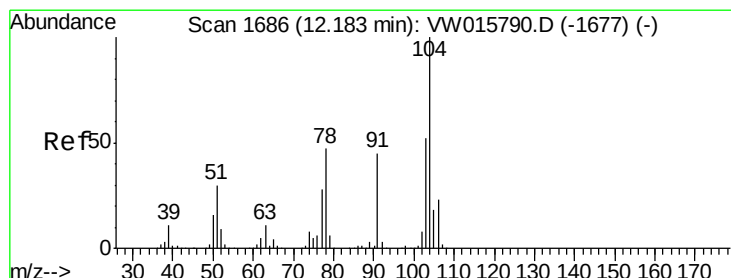
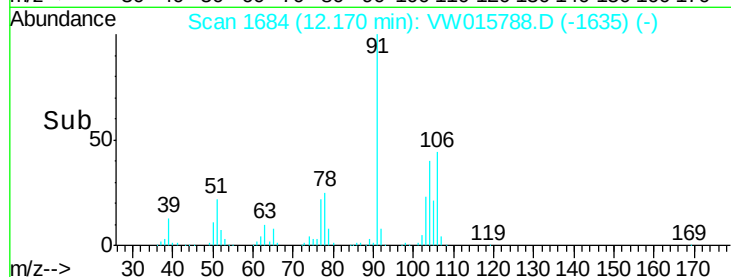
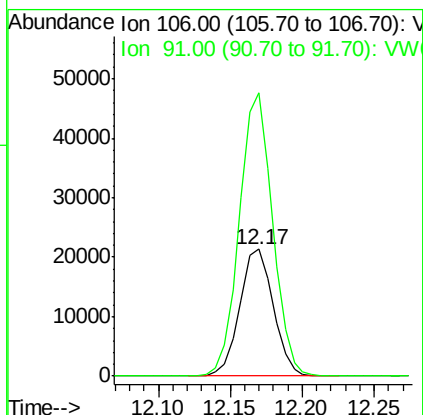
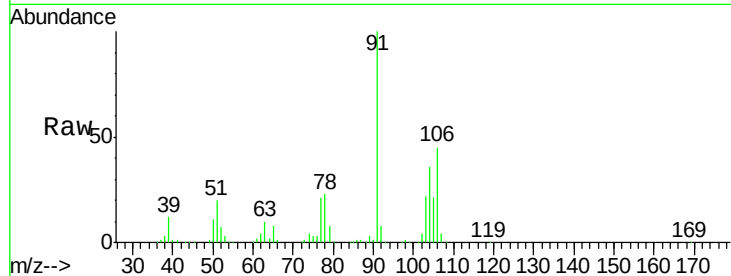




#69
o-Xylene
Concen: 9.439 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

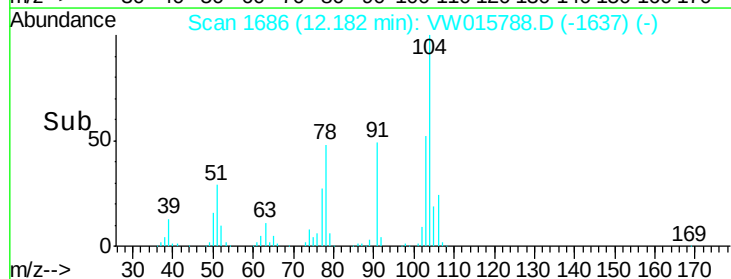
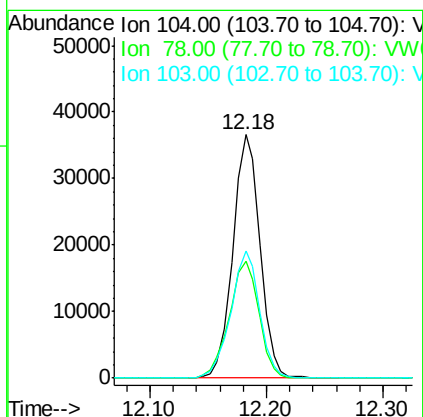
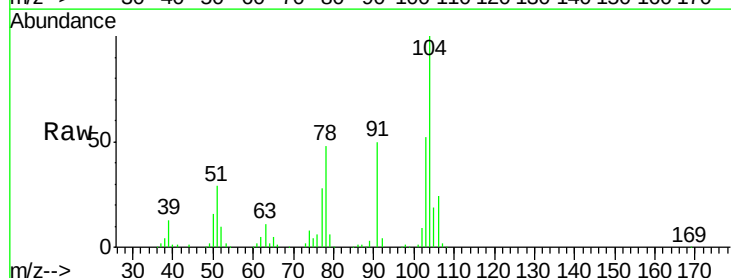
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

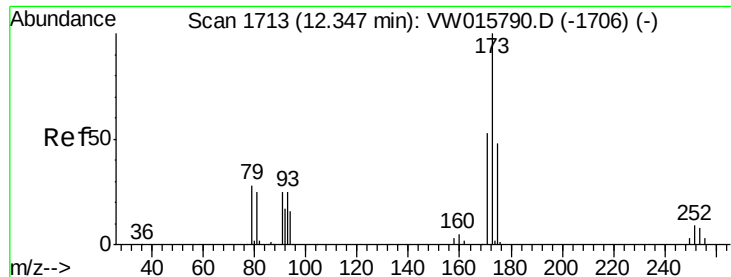
Tot Ion:106 Resp: 34492
Ion Ratio Lower Upper
106 100
91 221.0 108.5 325.3



#70
Styrene
Concen: 9.441 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:104 Resp: 59392
Ion Ratio Lower Upper
104 100
78 52.7 41.0 61.4
103 55.4 43.8 65.8





#71

Bromoform

Concen: 8.488 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

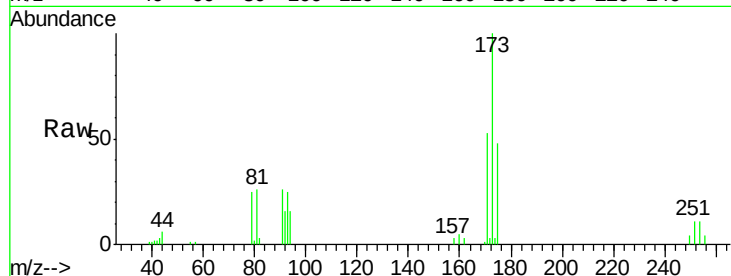
Tot Ion:173 Resp: 7893

Ion Ratio Lower Upper

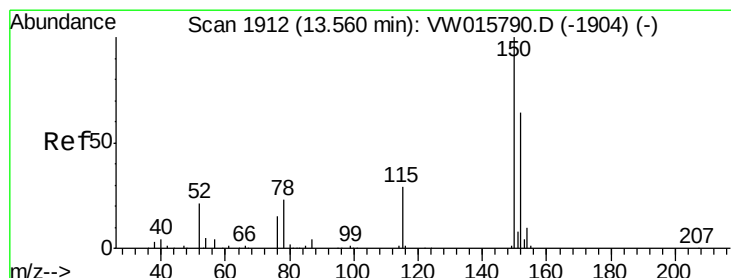
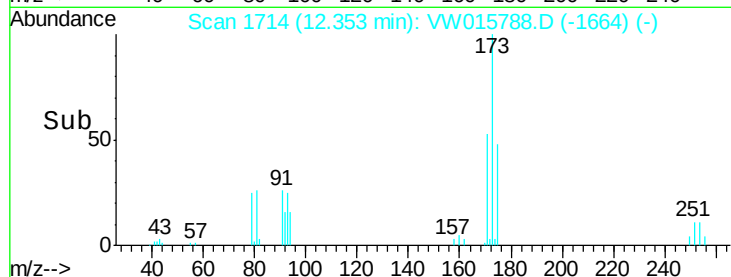
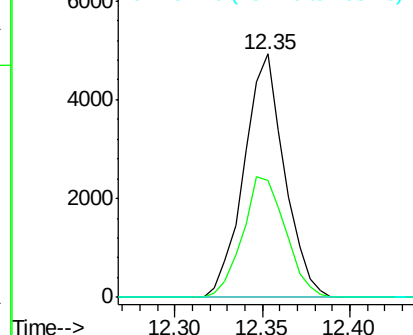
173 100

175 52.7 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: VW015788.D

Acq: 07 Jul 2020 11:30

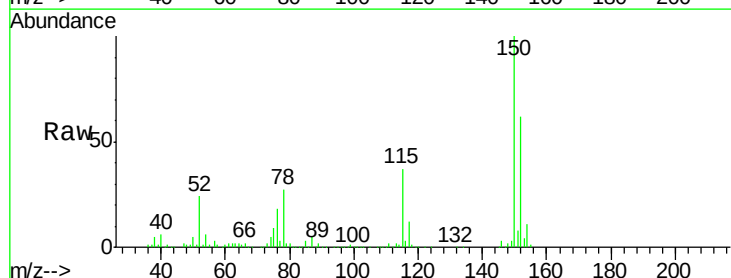
Tgt Ion:152 Resp: 143588

Ion Ratio Lower Upper

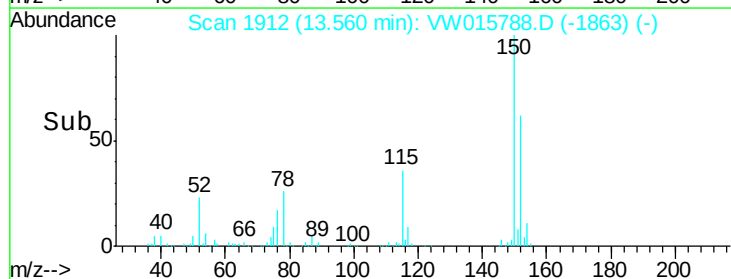
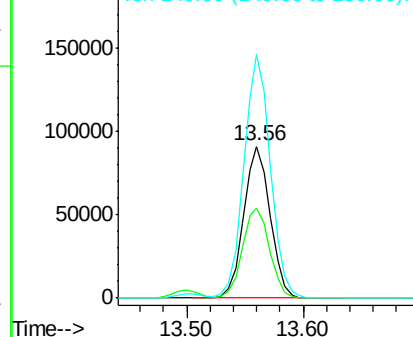
152 100

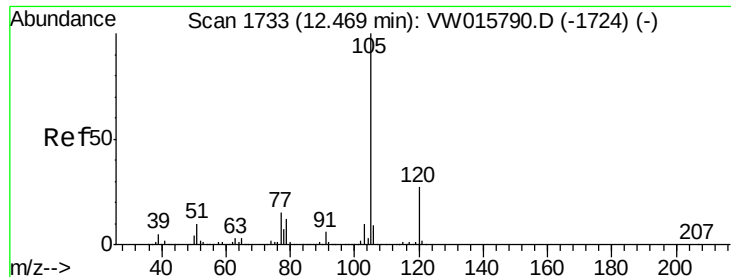
115 60.9 29.9 89.7

150 161.4 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

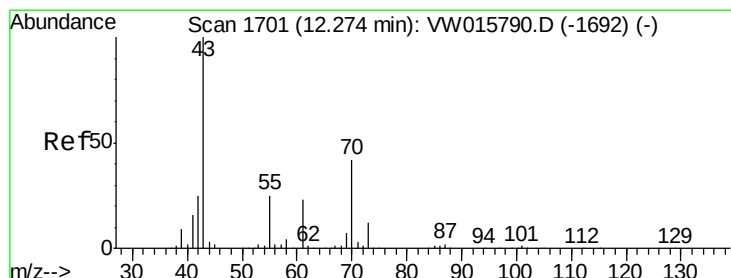
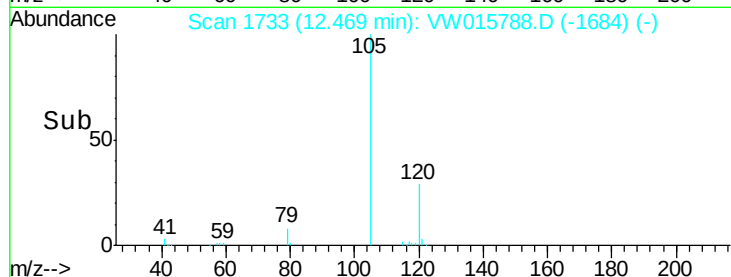
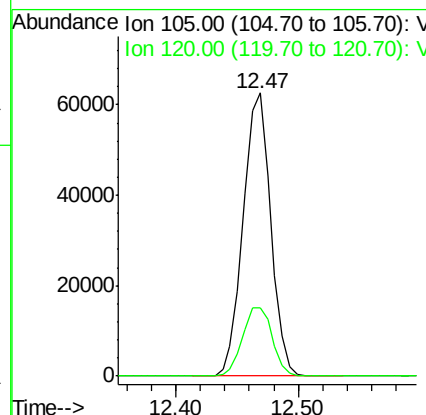
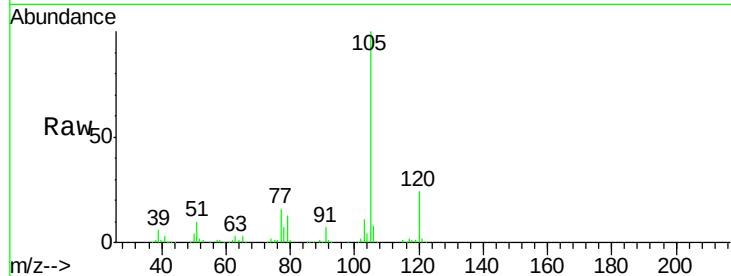




#73
Isopropylbenzene
Concen: 9.662 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

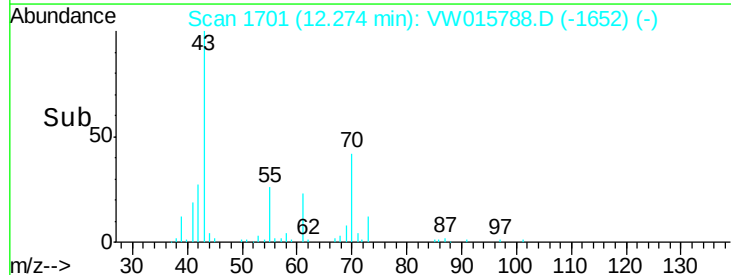
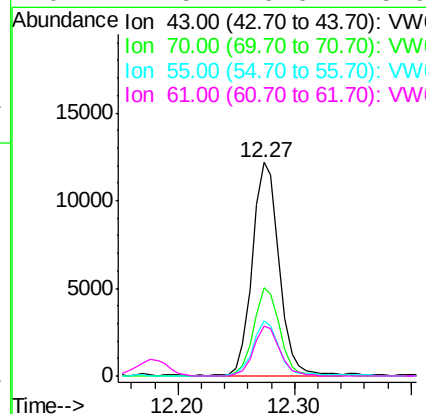
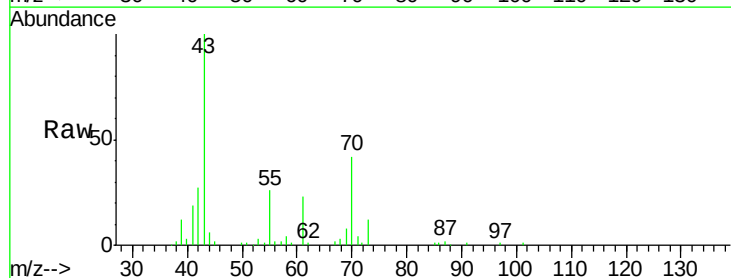
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

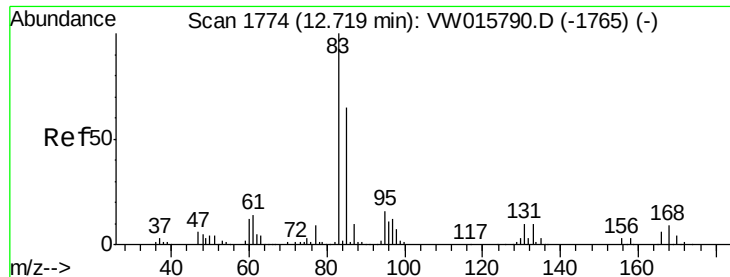
Tot Ion:105 Resp: 97838
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 9.210 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 43 Resp: 19771
Ion Ratio Lower Upper
43 100
70 40.1 34.1 51.1
55 25.4 20.0 30.0
61 22.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 9.752 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

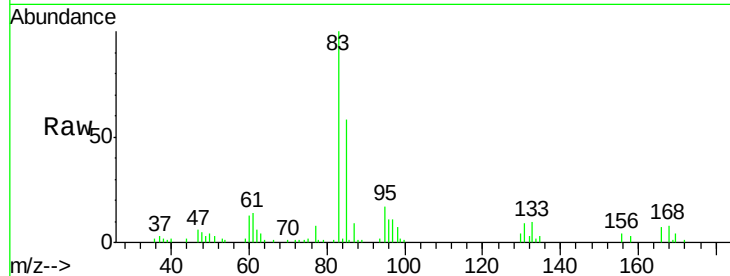
Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

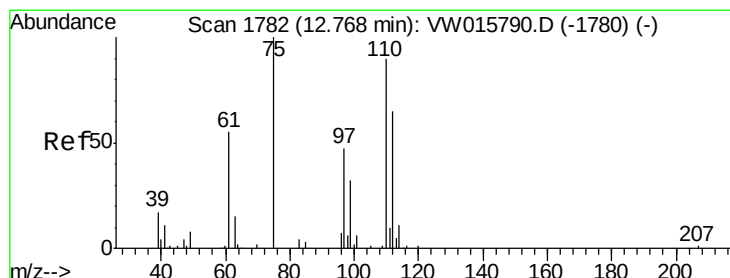
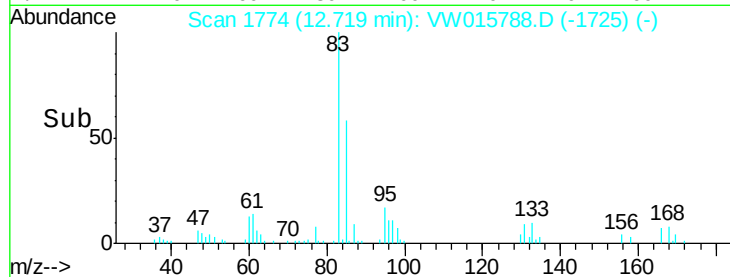
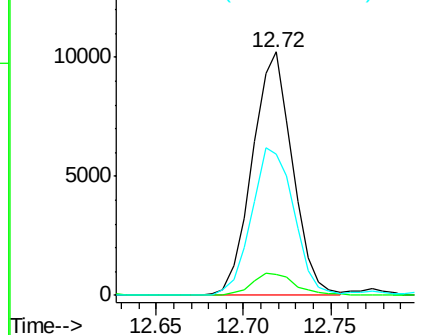
Tot Ion:	83	Resp:	16330
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	63.8	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.591 ug/l m

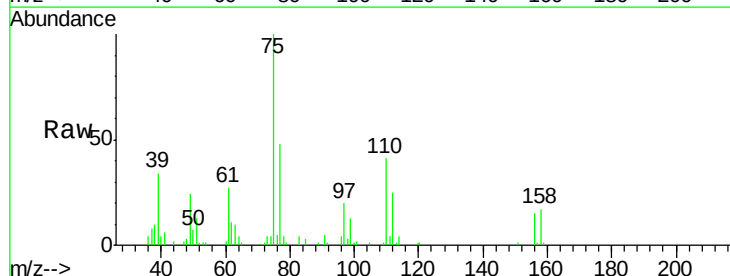
RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW015788.D

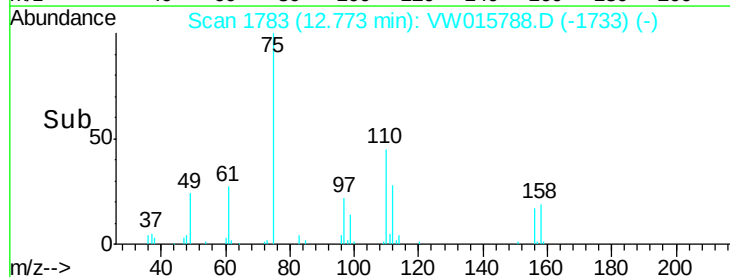
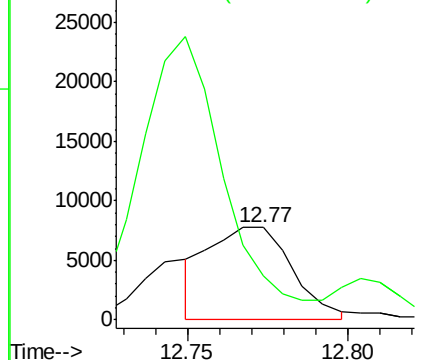
Acq: 07 Jul 2020 11:30

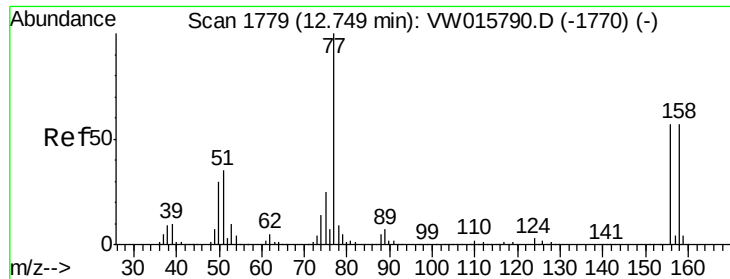
Tgt Ion:	75	Resp:	14175
Ion	Ratio	Lower	Upper
75	100		
77	0.0	177.3	532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.957 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

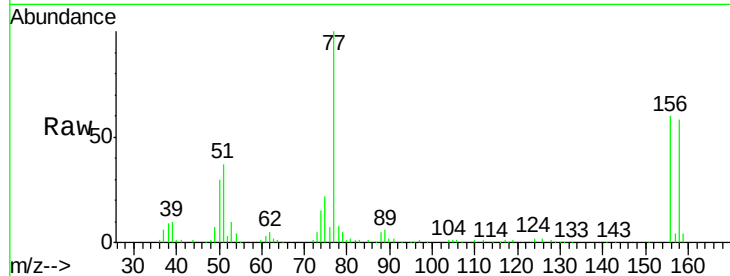
Tot Ion:156 Resp: 22478

Ion Ratio Lower Upper

156 100

77 196.3 98.8 296.4

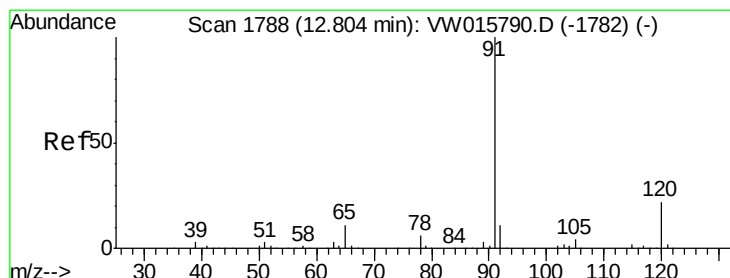
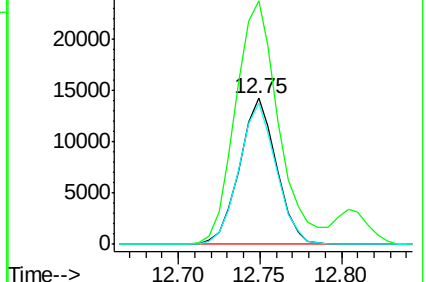
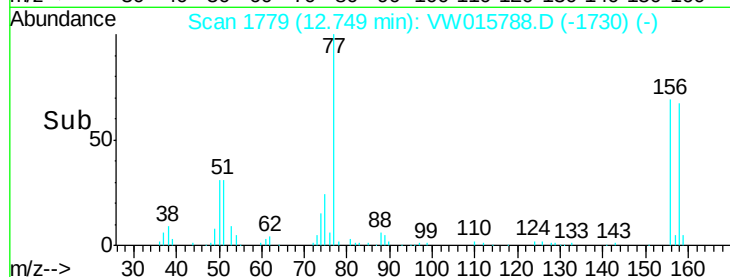
158 97.4 50.0 149.8



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: 9.831 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015788.D

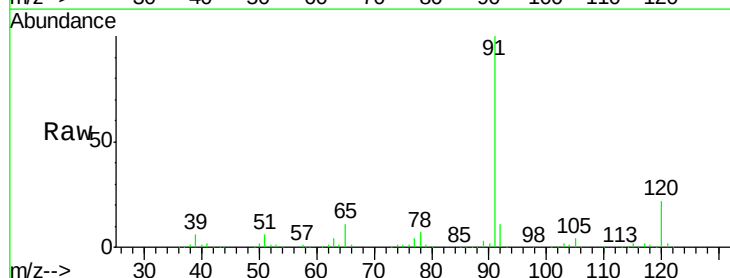
Acq: 07 Jul 2020 11:30

Tgt Ion: 91 Resp: 121139

Ion Ratio Lower Upper

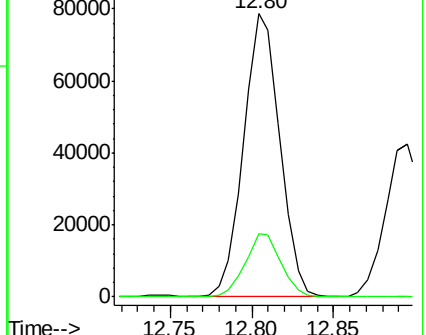
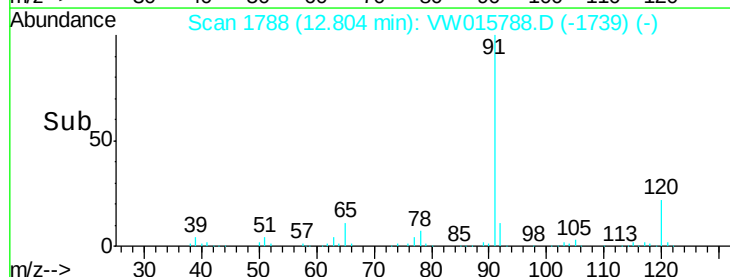
91 100

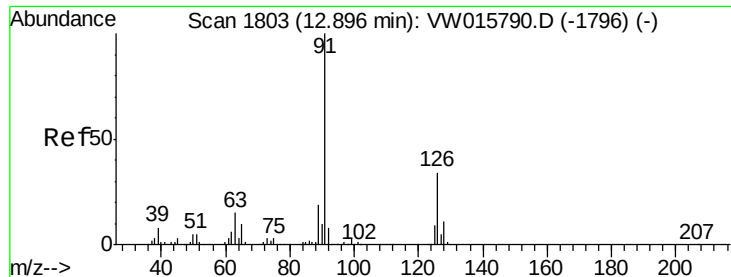
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.890 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

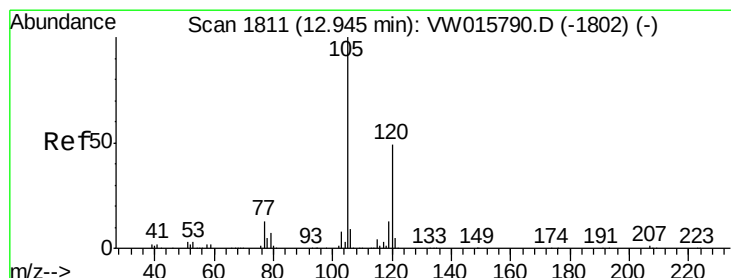
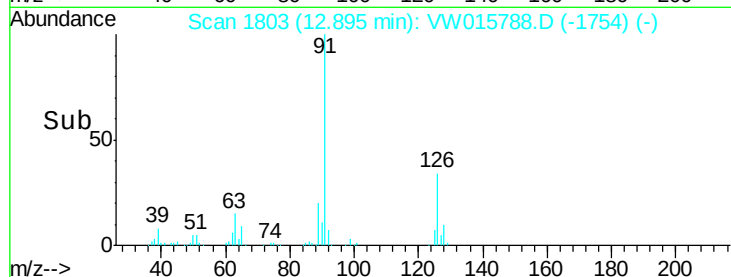
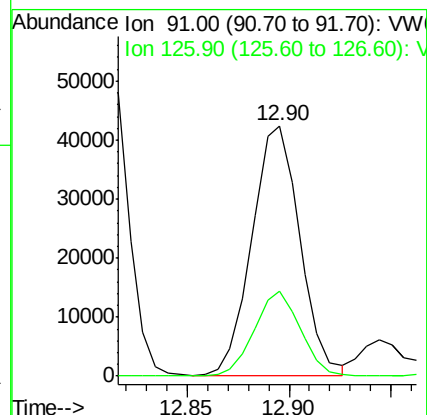
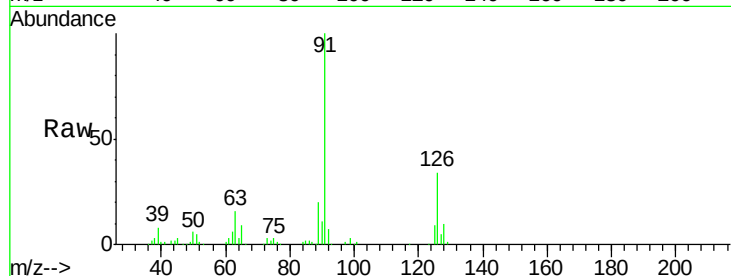
VSTDIC010

Tot Ion: 91 Resp: 69330

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 9.829 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015788.D

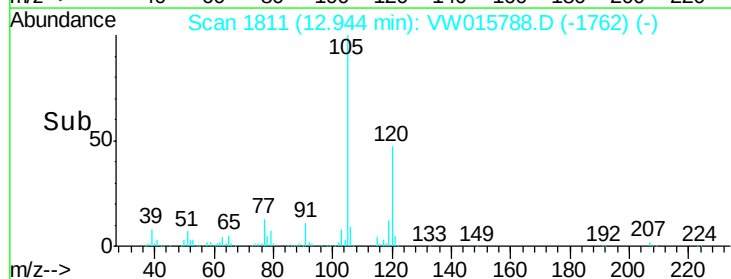
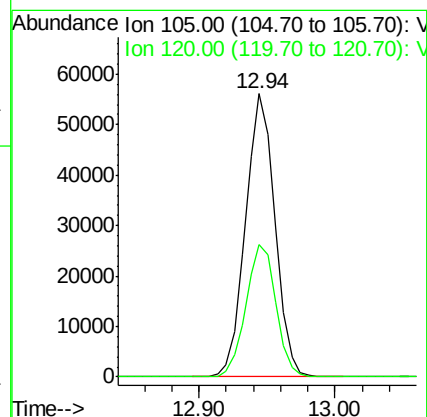
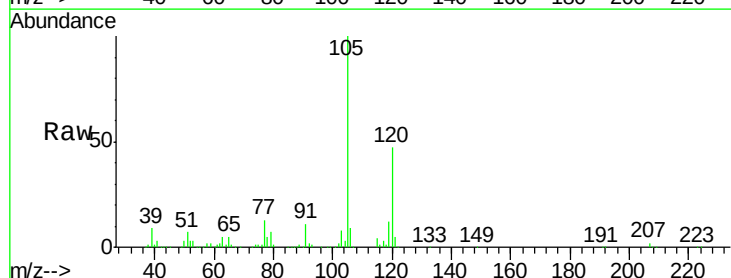
Acq: 07 Jul 2020 11:30

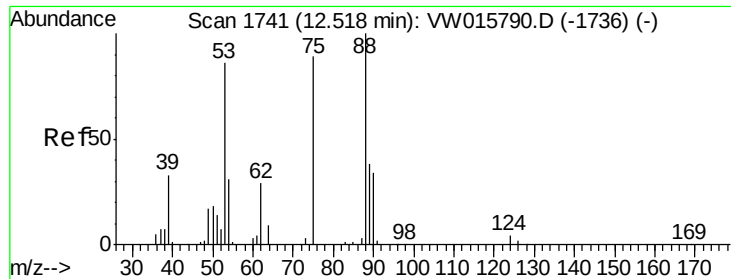
Tgt Ion:105 Resp: 84772

Ion Ratio Lower Upper

105 100

120 47.7 25.1 75.3

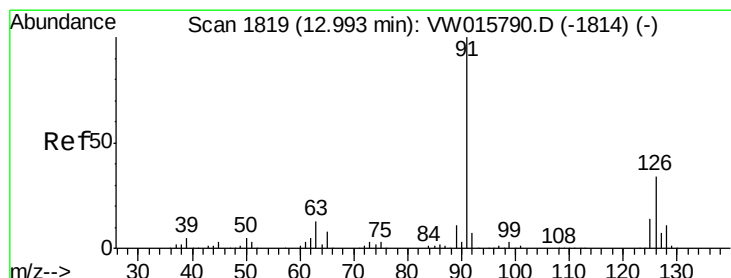
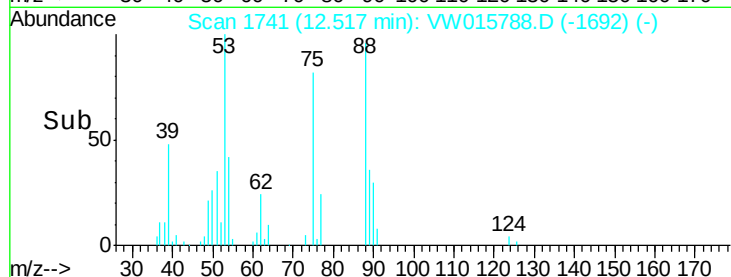
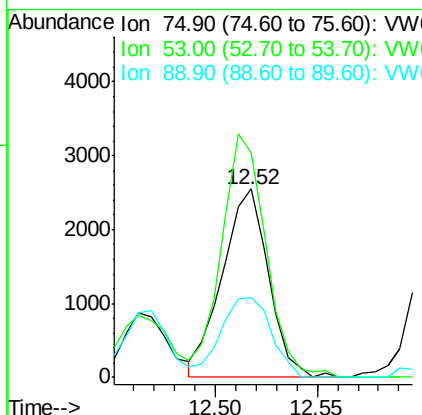
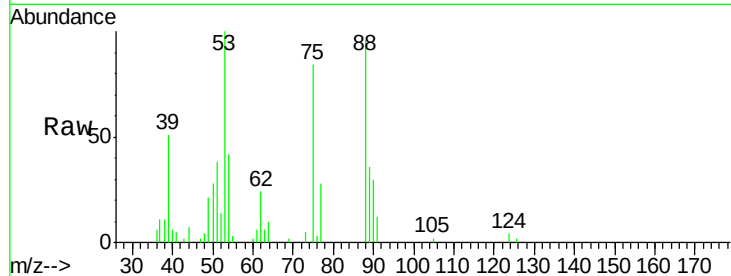




#81
trans-1,4-Dichloro-2-butene
Concen: 8.174 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

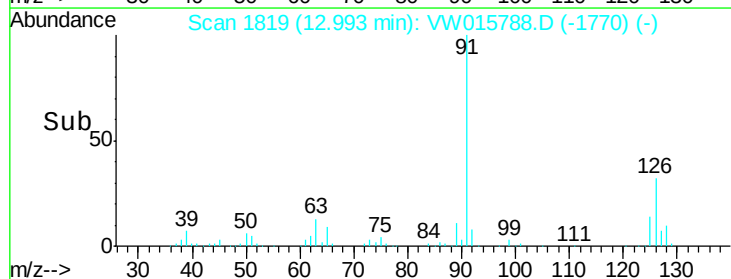
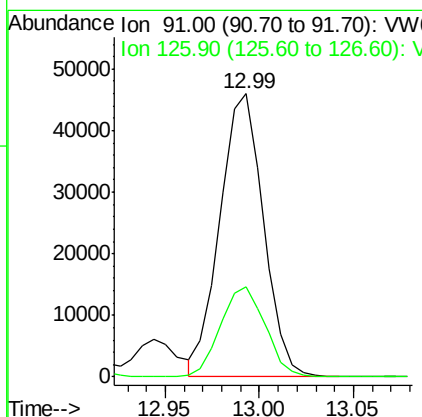
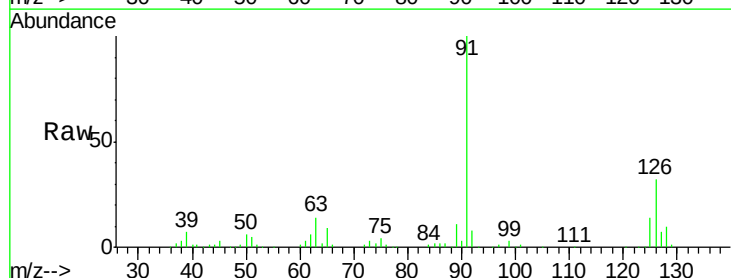
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

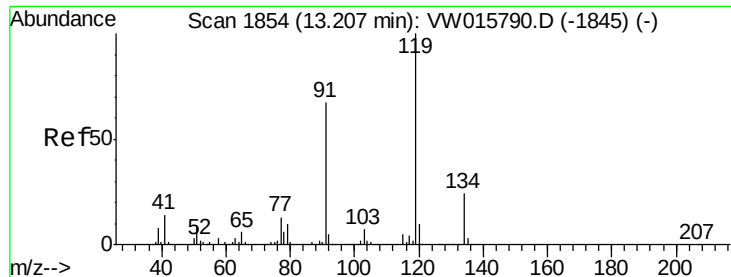
Tot Ion: 75 Resp: 4009
Ion Ratio Lower Upper
75 100
53 123.9 85.9 128.9
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 10.010 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion: 91 Resp: 73353
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

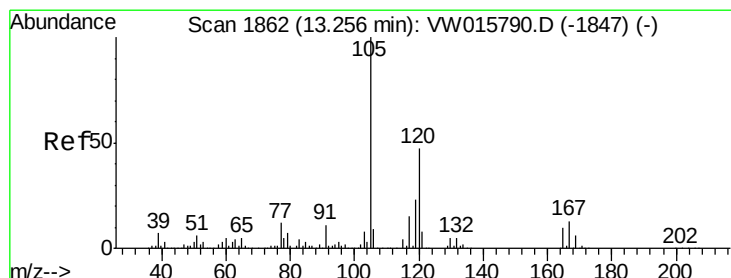
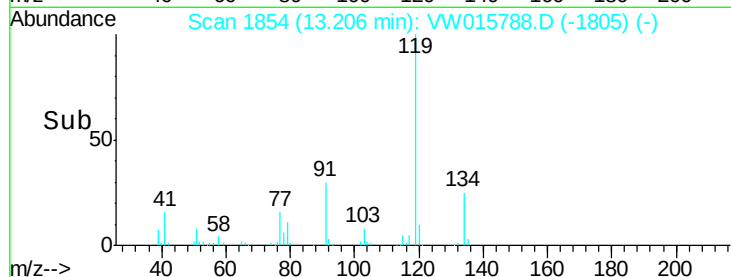
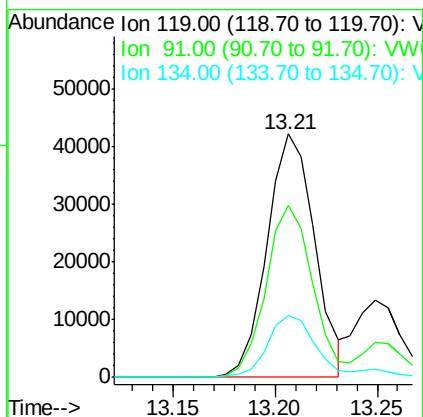
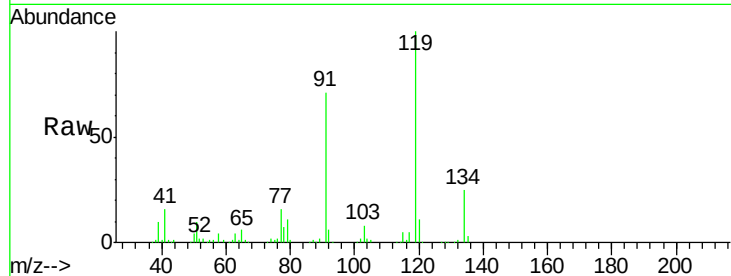




#83
tert-Butylbenzene
Concen: 9.569 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

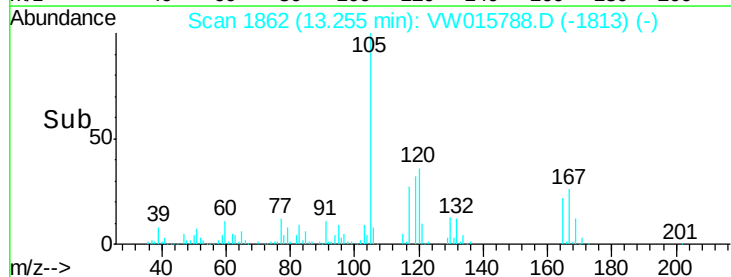
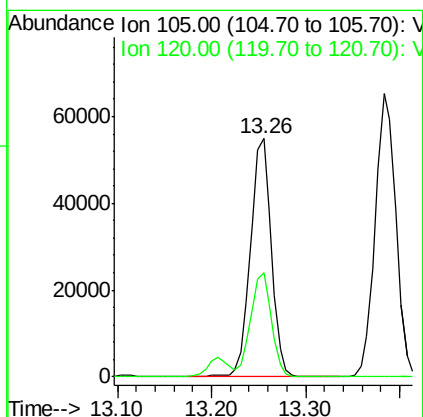
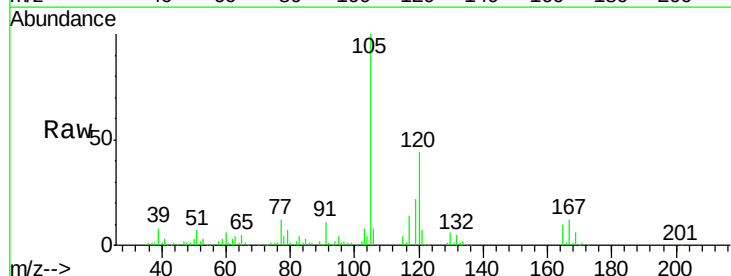
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

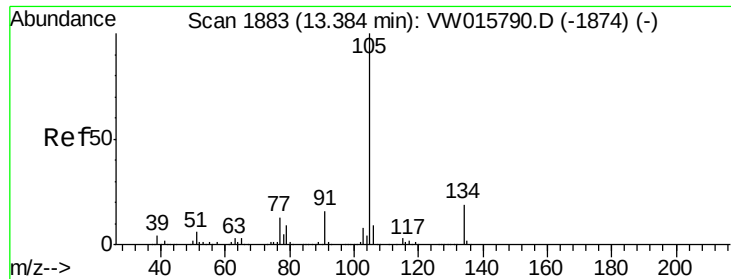
Tot Ion:119 Resp: 68714
Ion Ratio Lower Upper
119 100
91 69.9 34.4 103.3
134 25.2 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 10.007 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:105 Resp: 86049
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4

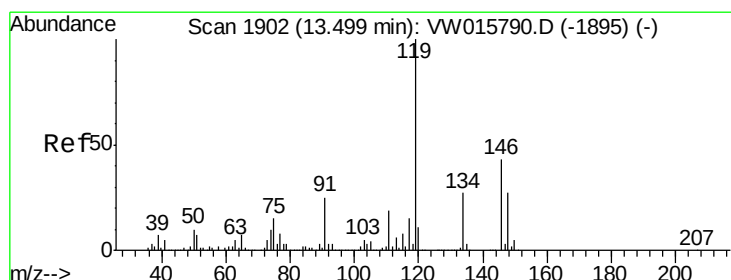
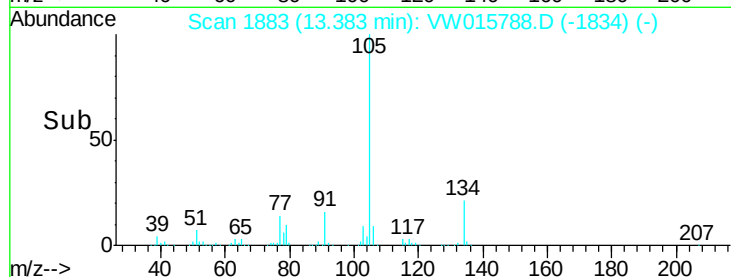
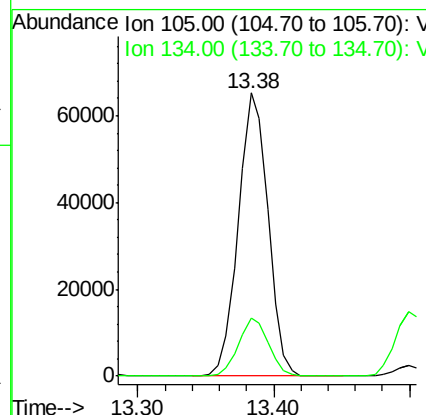
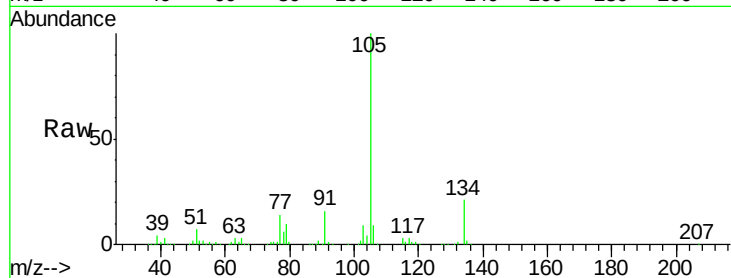




#85
 sec-Butylbenzene
 Concen: 9.610 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

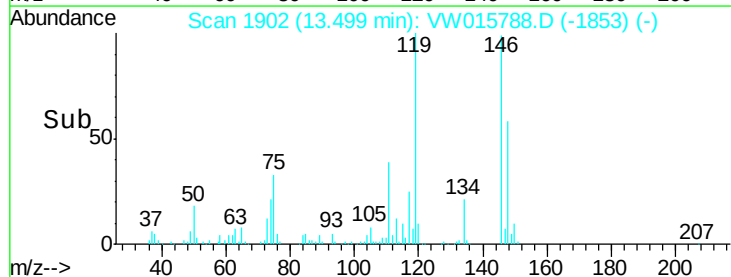
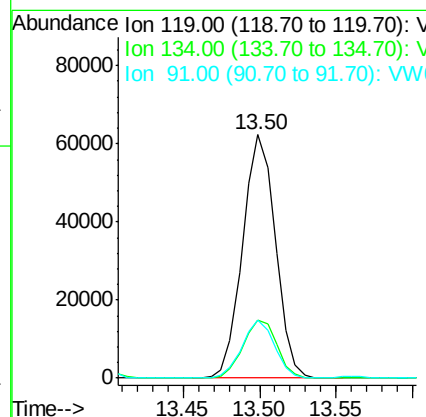
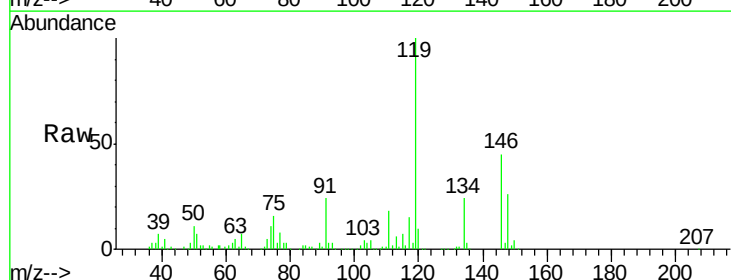
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

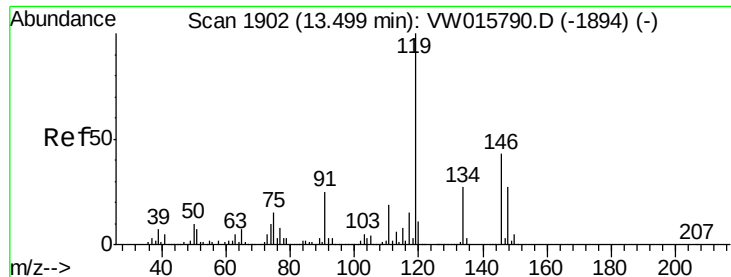
Tot Ion:105 Resp: 99366
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 9.860 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion:119 Resp: 92913
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.2 39.6
 91 23.8 12.2 36.6

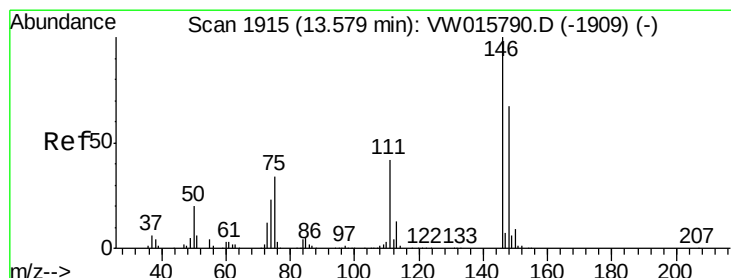
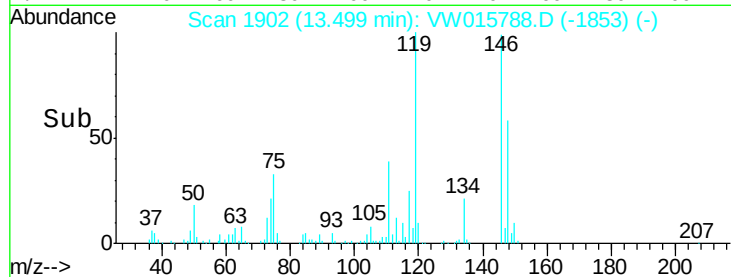
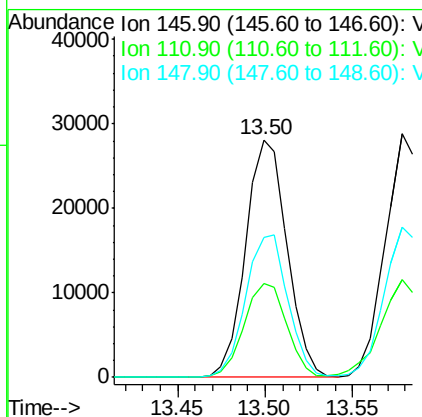
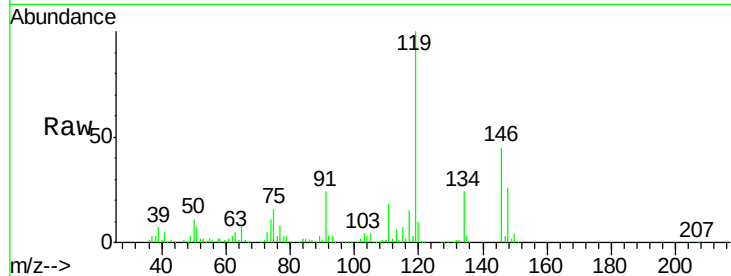




#87
 1,3-Dichlorobenzene
 Concen: 10.137 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

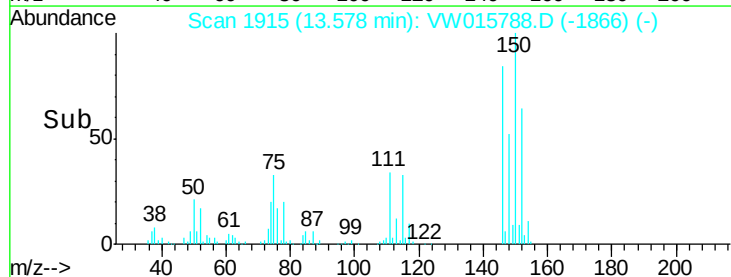
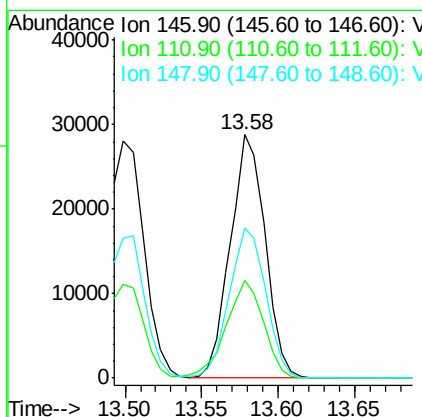
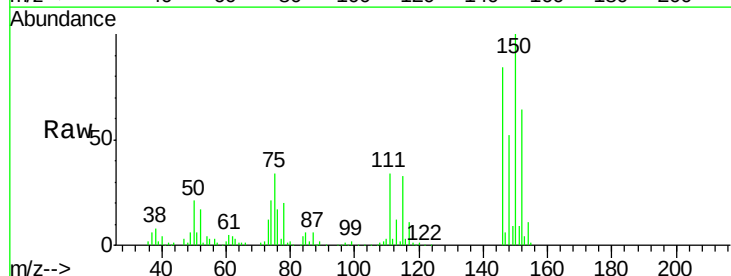
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

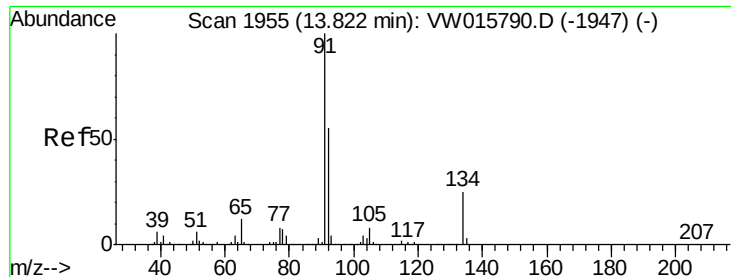
Tot Ion:146 Resp: 46313
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.4
 148 60.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 10.281 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion:146 Resp: 45704
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.2 60.6
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 9.677 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015788.D

Acq: 07 Jul 2020 11:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

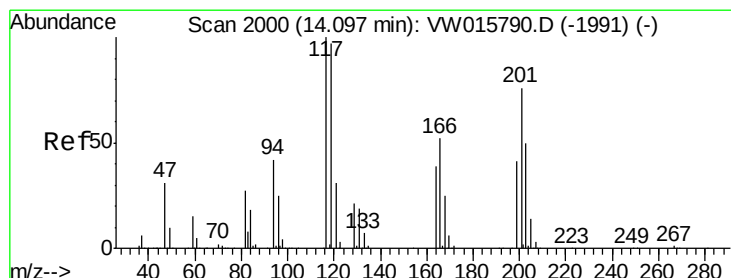
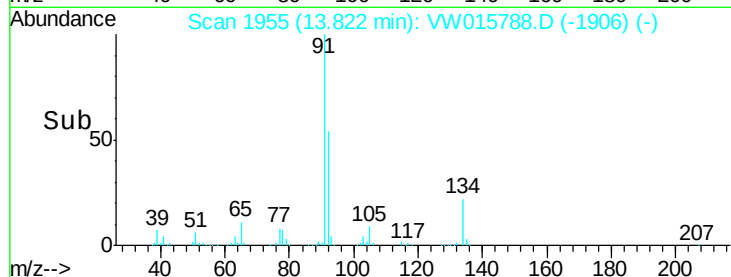
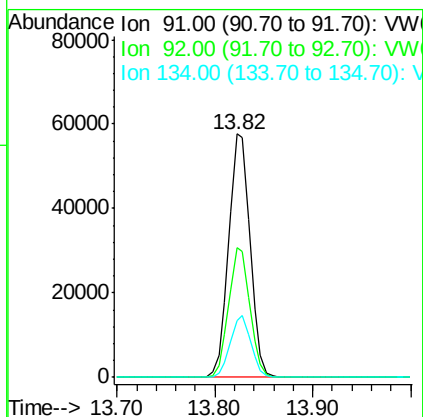
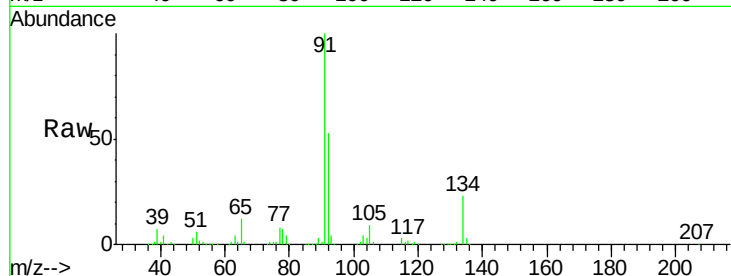
Tot Ion: 91 Resp: 87590

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.6

134 24.4 12.7 38.1



#90

Hexachloroethane

Concen: 9.456 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015788.D

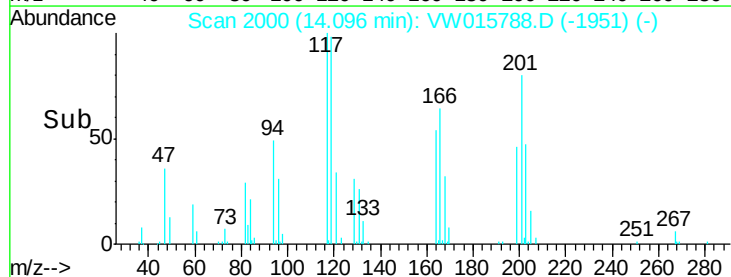
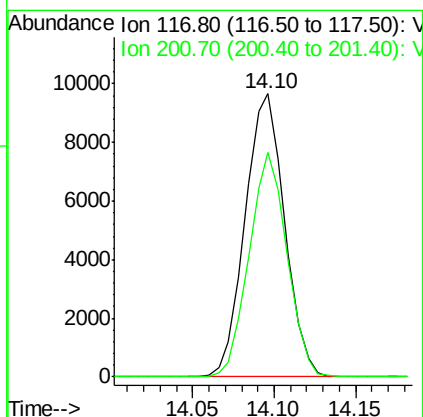
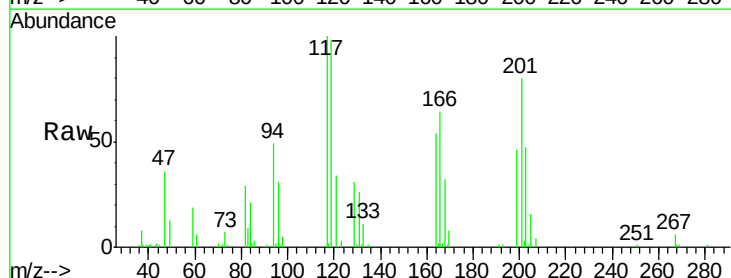
Acq: 07 Jul 2020 11:30

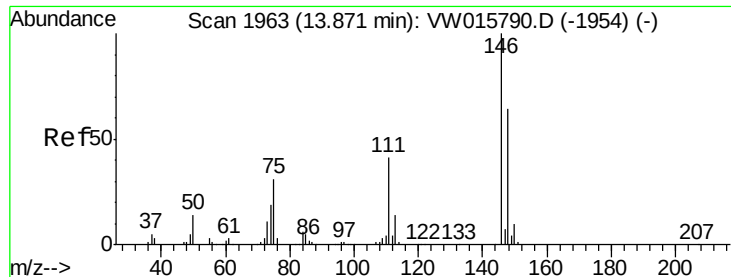
Tgt Ion: 117 Resp: 16272

Ion Ratio Lower Upper

117 100

201 75.8 37.1 111.3

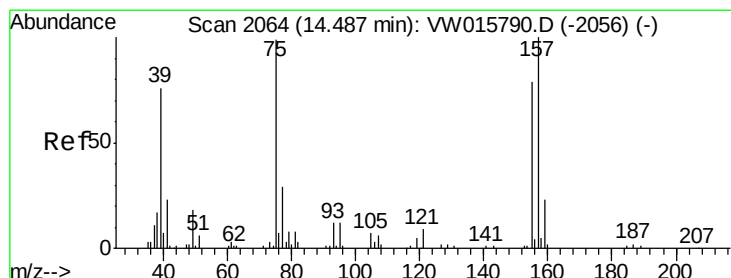
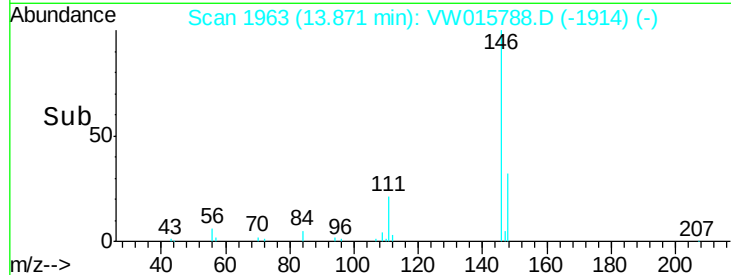
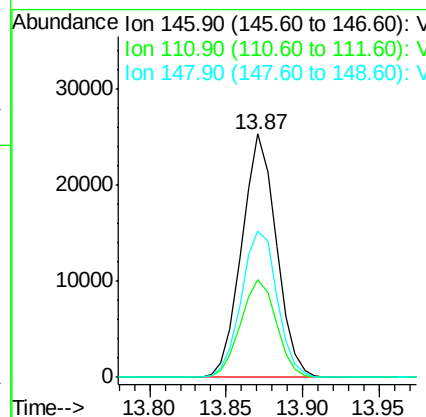
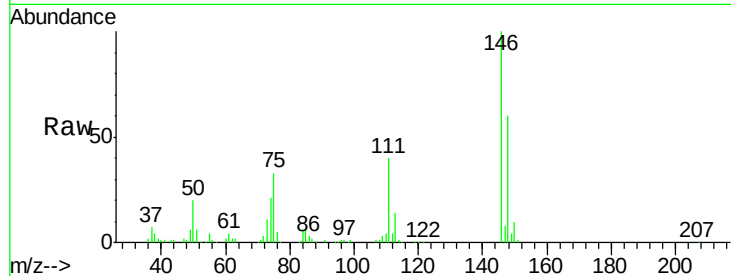




#91
 1,2-Dichlorobenzene
 Concen: 10.127 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

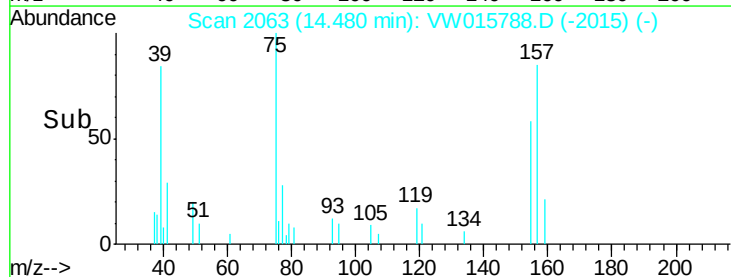
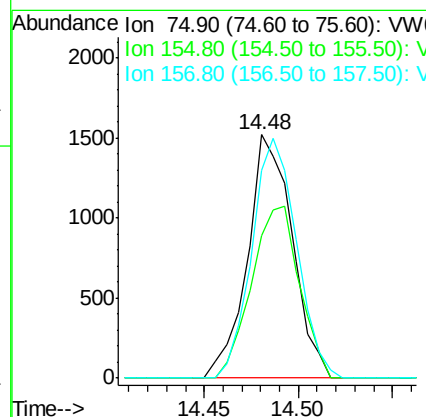
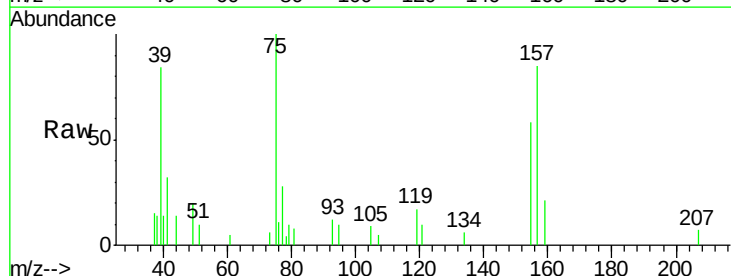
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

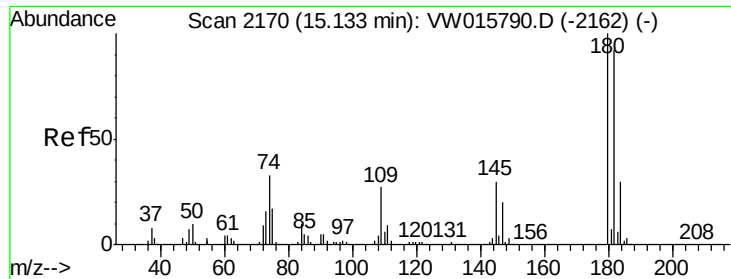
Tot Ion:146 Resp: 39825
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.9
 148 62.3 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.364 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion: 75 Resp: 2502
 Ion Ratio Lower Upper
 75 100
 155 75.6 39.1 117.5
 157 98.3 49.1 147.4

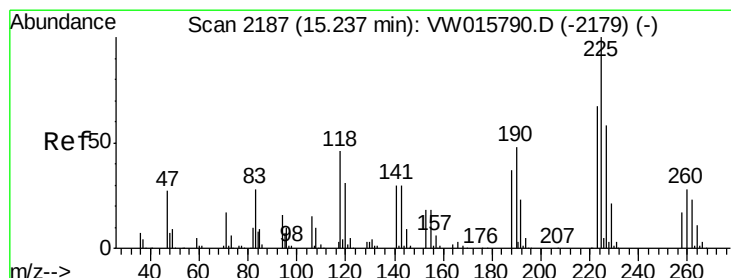
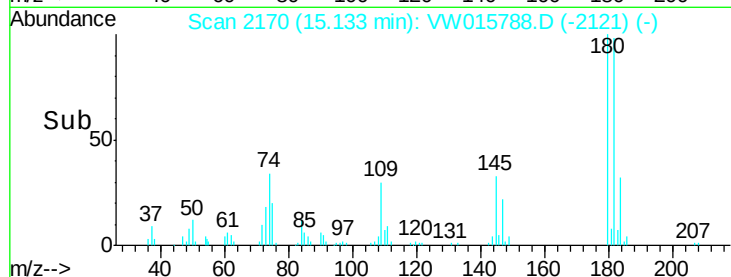
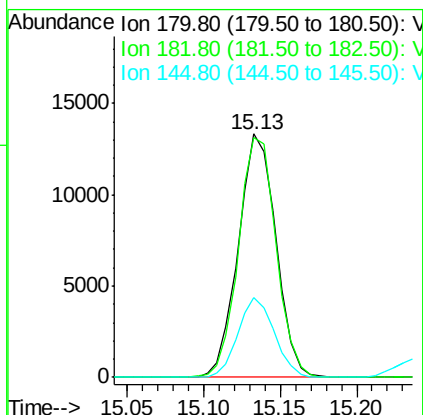
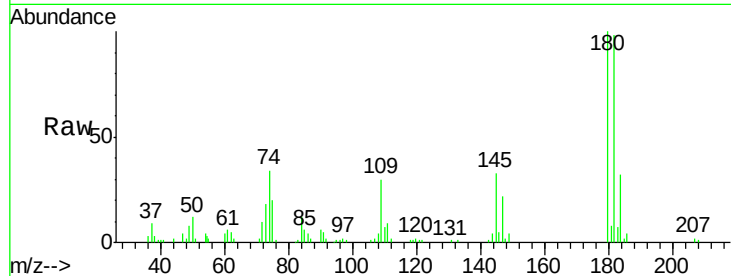




#93
 1,2,4-Trichlorobenzene
 Concen: 9.201 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

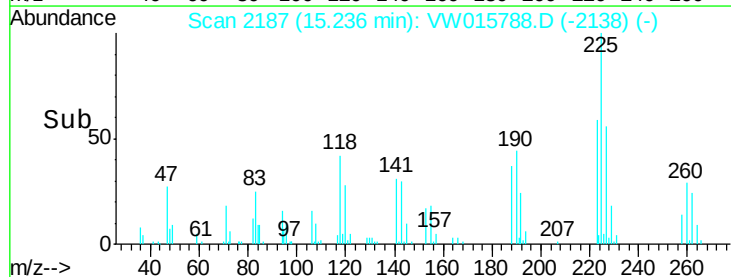
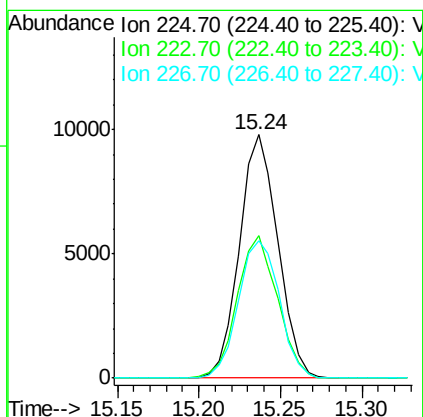
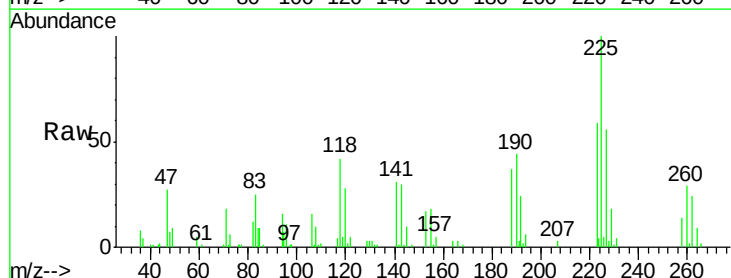
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

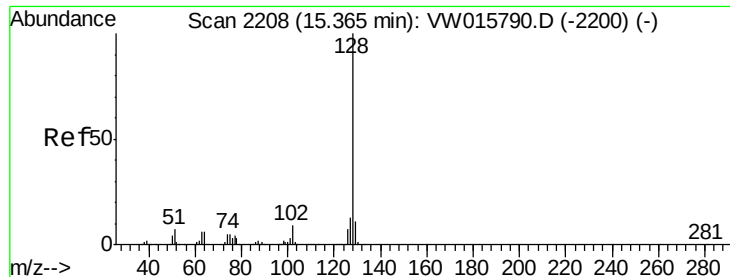
Tot Ion:180 Resp: 22798
 Ion Ratio Lower Upper
 180 100
 182 98.2 46.8 140.3
 145 31.4 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 10.219 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015788.D
 Acq: 07 Jul 2020 11:30

Tgt Ion:225 Resp: 16076
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.4 97.2
 227 60.1 30.7 92.1

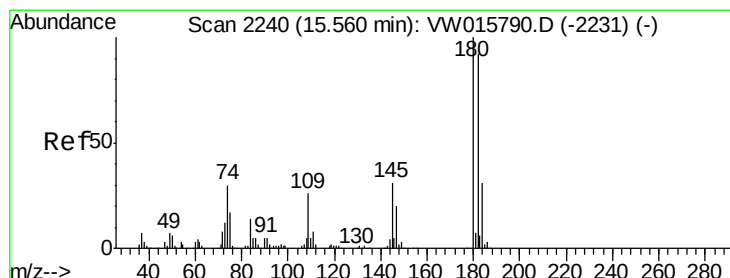
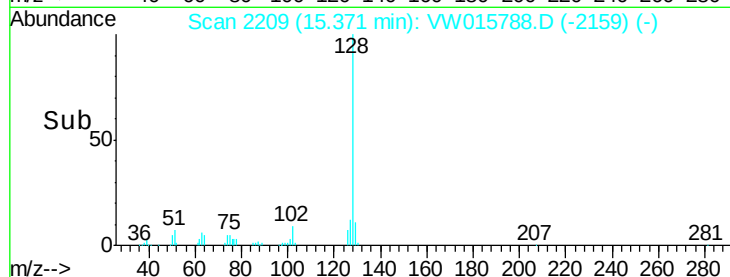
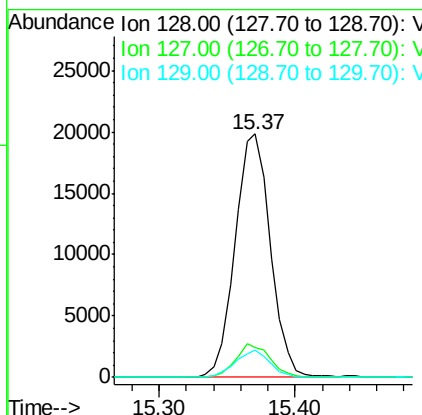
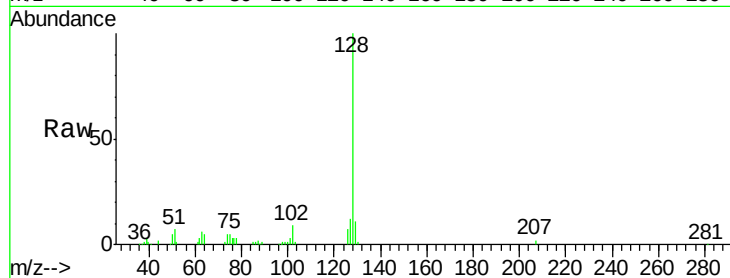




#95
Naphthalene
Concen: 8.676 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 35845
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.636 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015788.D
Acq: 07 Jul 2020 11:30

Tgt Ion:180 Resp: 20168
Ion Ratio Lower Upper
180 100
182 91.5 47.7 143.1
145 33.3 16.7 50.0

