

Data File : VW012786.D
Acq On : 08 Sep 2019 23:04
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 09 06:03:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	256986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97221	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.88	113	70892	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	10.32	98	283351	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.62	95	98935	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	45456	46.779 ug/l	99
3) Chloromethane	2.21	50	53875	45.621 ug/l	100
4) Vinyl Chloride	2.35	62	71076	49.087 ug/l	98
5) Bromomethane	2.78	94	41420	52.679 ug/l	97
6) Chloroethane	2.92	64	43305	50.118 ug/l	92
7) Trichlorofluoromethane	3.25	101	48723	48.762 ug/l	99
8) Diethyl Ether	3.68	74	42455	50.553 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80192	51.141 ug/l	97
10) Methyl Iodide	4.27	142	94537	47.892 ug/l	97
11) Tert butyl alcohol	5.20	59	41501	270.840 ug/l	97
12) 1,1-Dichloroethene	4.04	96	70866	47.875 ug/l	98
13) Acrolein	3.89	56	42095	258.877 ug/l	100
14) Allyl chloride	4.66	41	137585	44.932 ug/l	97
15) Acrylonitrile	5.37	53	131994	269.095 ug/l	98
16) Acetone	4.13	43	130718	239.416 ug/l	98
17) Carbon Disulfide	4.38	76	143680	45.729 ug/l	100
18) Methyl Acetate	4.67	43	66936	52.254 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	157131	53.526 ug/l	95
20) Methylene Chloride	4.92	84	78535	45.977 ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	74276	49.178 ug/l	91
22) Diisopropyl ether	6.31	45	294237	48.448 ug/l	94
23) Vinyl Acetate	6.25	43	983315	255.482 ug/l	100
24) 1,1-Dichloroethane	6.21	63	164044	50.166 ug/l	99
25) 2-Butanone	7.17	43	188737	235.971 ug/l	100
26) 2,2-Dichloropropane	7.16	77	98730	47.803 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	86591	49.445 ug/l	99
28) Bromochloromethane	7.51	49	72979	48.603 ug/l	92
29) Tetrahydrofuran	7.53	42	118125	267.915 ug/l	97
30) Chloroform	7.67	83	163187	50.354 ug/l	97
31) Cyclohexane	7.95	56	135352	45.977 ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138817	52.843 ug/l	99
36) 1,1-Dichloropropene	8.08	75	120977	52.981 ug/l	98
37) Ethyl Acetate	7.25	43	82610	56.753 ug/l	98
38) Carbon Tetrachloride	8.07	117	127862	56.806 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	134839	52.578	ug/l	97
40) Benzene	8.32	78	325937	51.448	ug/l	99
41) Methacrylonitrile	7.48	41	50443	50.904	ug/l	96
42) 1,2-Dichloroethane	8.40	62	123919	55.578	ug/l	99
43) Isopropyl Acetate	8.42	43	154198	55.915	ug/l	99
44) Trichloroethene	9.09	130	88227	54.026	ug/l	92
45) 1,2-Dichloropropane	9.37	63	89012	50.658	ug/l	100
46) Dibromomethane	9.46	93	45964	55.241	ug/l	97
47) Bromodichloromethane	9.64	83	122428	53.481	ug/l	99
48) Methyl methacrylate	9.43	41	72900	55.316	ug/l	98
49) 1,4-Dioxane	9.47	88	18369	1117.636	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	418058	288.902	ug/l	99
52) Toluene	10.38	92	203088	51.361	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	124468	52.877	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	136851	51.249	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	68982	55.376	ug/l	98
56) Ethyl methacrylate	10.64	69	103551	56.789	ug/l	98
57) 1,3-Dichloropropane	10.93	76	124215	53.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	277880	287.056	ug/l	97
59) 2-Hexanone	10.97	43	291417	275.651	ug/l	99
60) Dibromochloromethane	11.13	129	82180	56.094	ug/l	99
61) 1,2-Dibromoethane	11.23	107	64075	56.105	ug/l	99
64) Tetrachloroethene	10.86	164	81977	61.256	ug/l	98
65) Chlorobenzene	11.66	112	217618	52.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	85253	54.917	ug/l	99
67) Ethyl Benzene	11.73	91	419867	53.683	ug/l	98
68) m/p-Xylenes	11.84	106	306294	108.495	ug/l	99
69) o-Xylene	12.16	106	144148	54.122	ug/l	98
70) Styrene	12.18	104	252715	53.696	ug/l	99
71) Bromoform	12.35	173	51011	59.144	ug/l #	100
73) Isopropylbenzene	12.46	105	422025	53.313	ug/l	99
74) N-amyl acetate	12.27	43	137391	54.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	86931	54.682	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	116404	103.143	ug/l #	100
77) Bromobenzene	12.74	156	94664	52.784	ug/l	98
78) n-propylbenzene	12.80	91	498192	52.621	ug/l	100
79) 2-Chlorotoluene	12.89	91	280175	51.550	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	355296	53.265	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28139	52.736	ug/l	99
82) 4-Chlorotoluene	12.99	91	293384	51.032	ug/l	99
83) tert-Butylbenzene	13.21	119	315757	53.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	348403	51.836	ug/l	99
85) sec-Butylbenzene	13.38	105	437282	53.430	ug/l	99
86) p-Isopropyltoluene	13.49	119	396165	52.994	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	179543	50.933	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	177457	50.591	ug/l	99
89) n-Butylbenzene	13.82	91	367478	50.634	ug/l	99
90) Hexachloroethane	14.09	117	67481	51.708	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	164564	51.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16844	57.897	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
Quantitation Report (Not Reviewed)

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VSTDCCC050

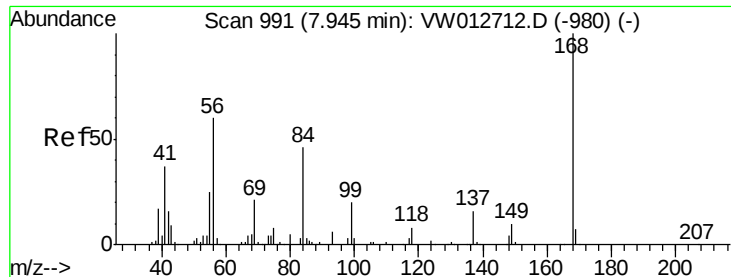
Quant Time: Sep 09 06:03:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	113477	51.371	ug/l	98
94) Hexachlorobutadiene	15.24	225	78874	51.586	ug/l	98
95) Naphthalene	15.36	128	232070	50.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	102410	52.522	ug/l	99

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

Quant Time: Sep 09 06:03:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

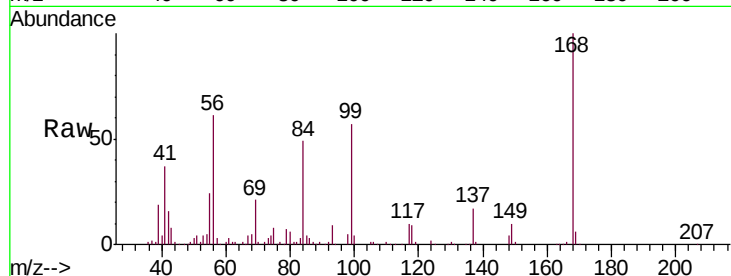
VSTDCCC050

Tgt Ion:168 Resp: 179243

Ion Ratio Lower Upper

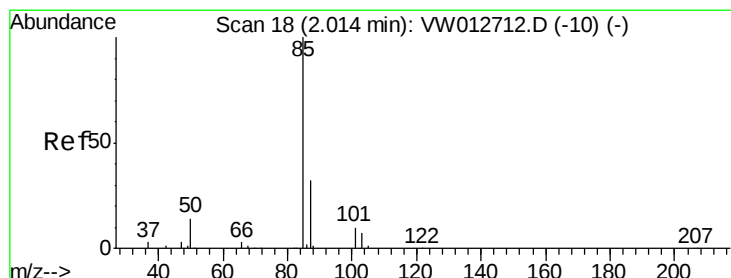
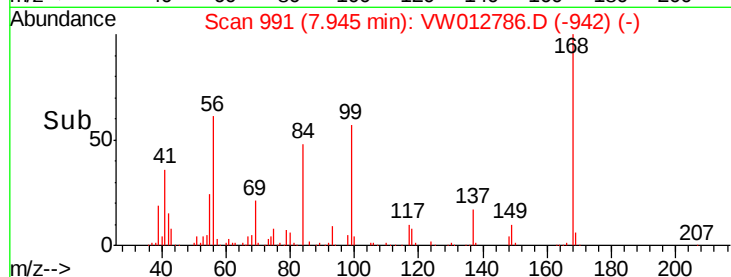
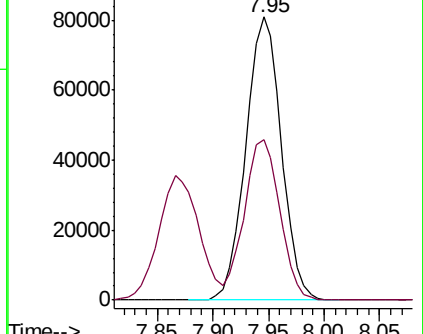
168 100

99 56.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.779 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012786.D

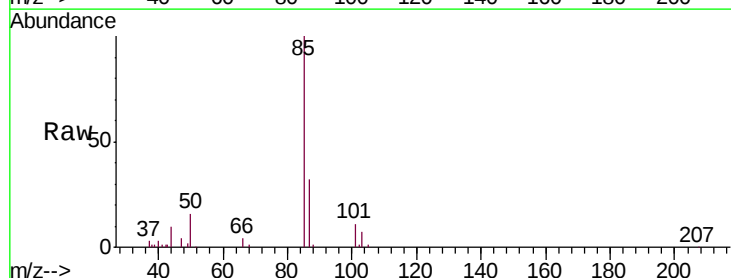
Acq: 08 Sep 2019 23:04

Tgt Ion: 85 Resp: 45456

Ion Ratio Lower Upper

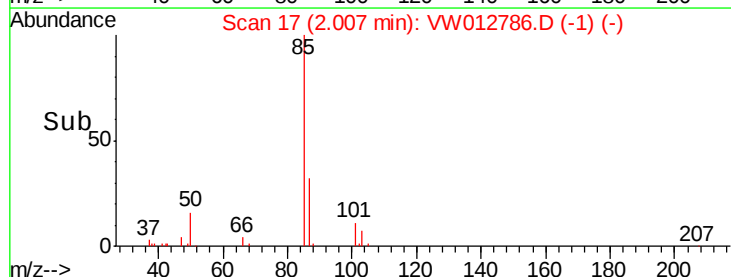
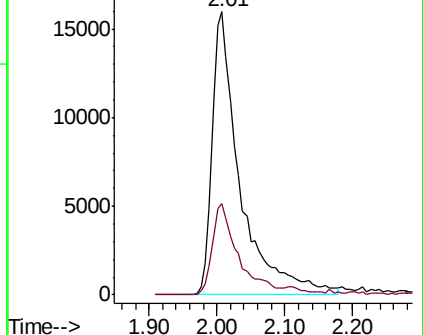
85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.621 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

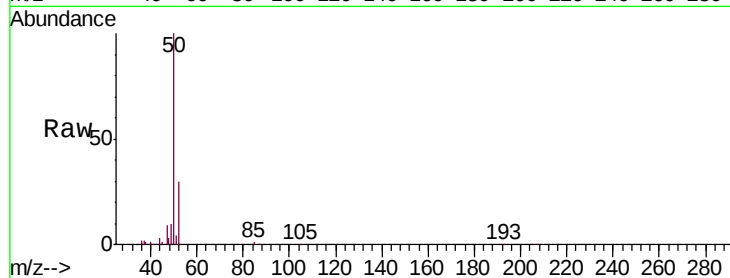
VSTDCCC050

Tgt Ion: 50 Resp: 53875

Ion Ratio Lower Upper

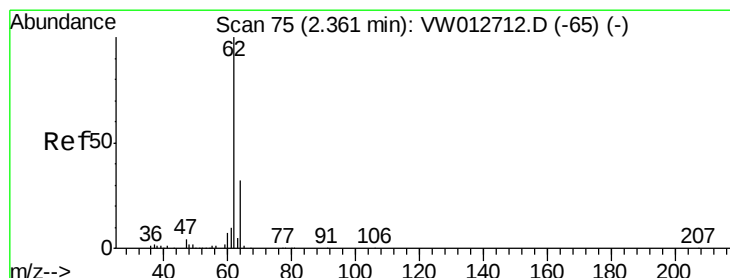
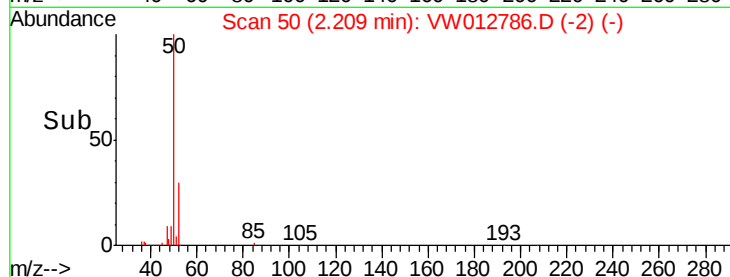
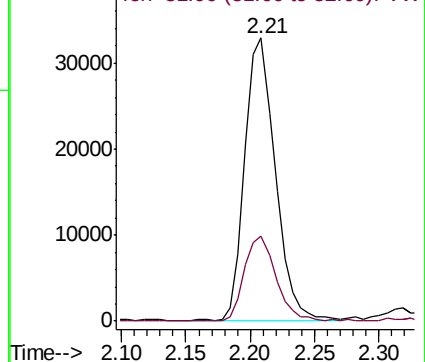
50 100

52 30.1 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.087 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012786.D

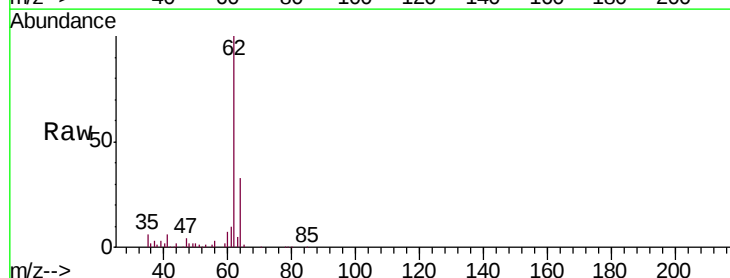
Acq: 08 Sep 2019 23:04

Tgt Ion: 62 Resp: 71076

Ion Ratio Lower Upper

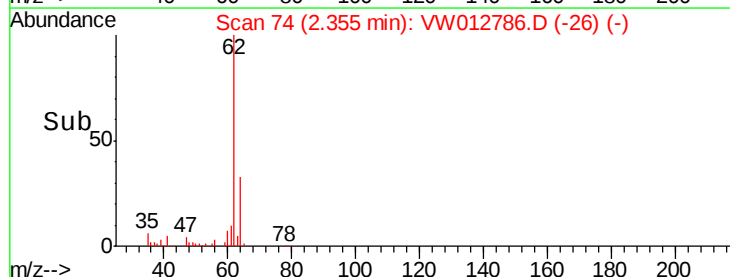
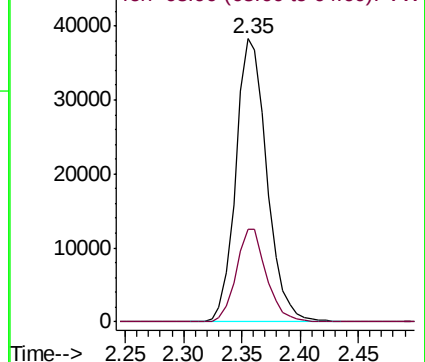
62 100

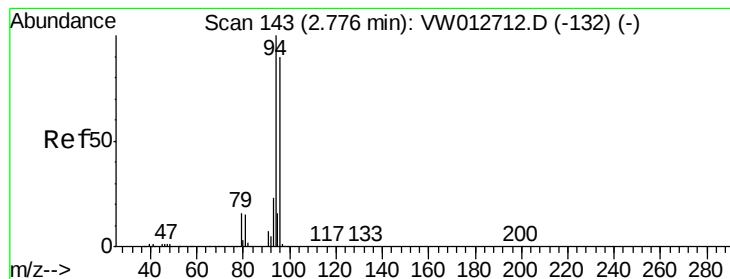
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 52.679 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

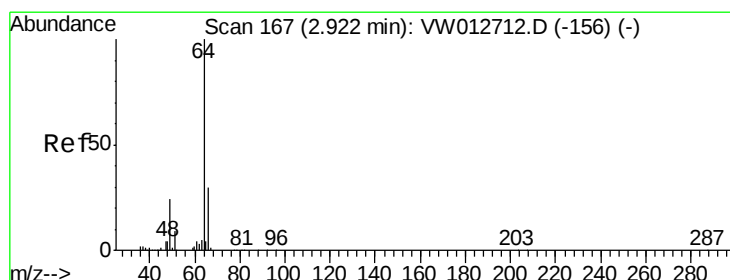
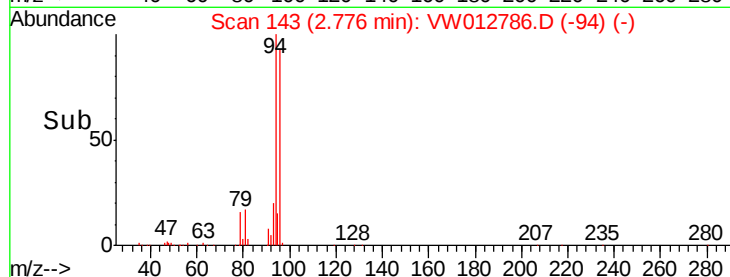
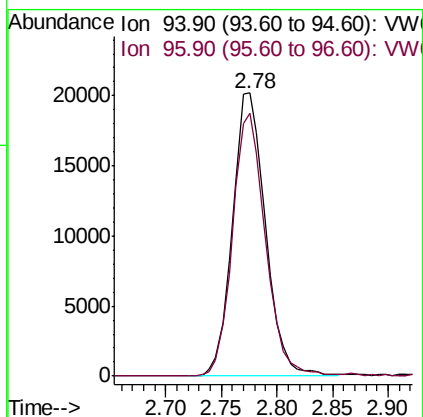
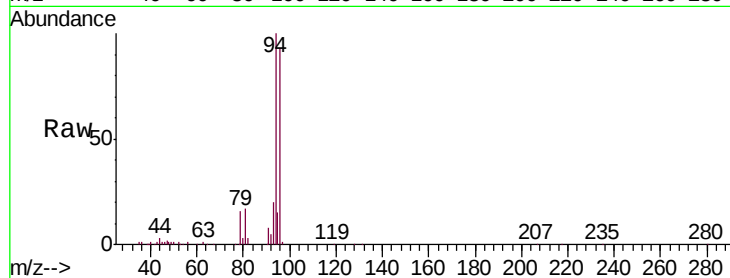
VSTDCCC050

Tgt Ion: 94 Resp: 41420

Ion Ratio Lower Upper

94 100

96 92.9 72.1 108.1



#6

Chloroethane

Concen: 50.118 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012786.D

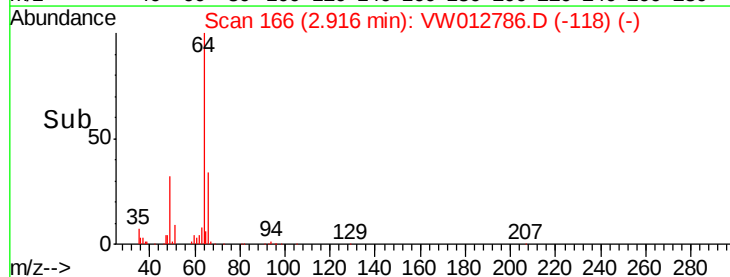
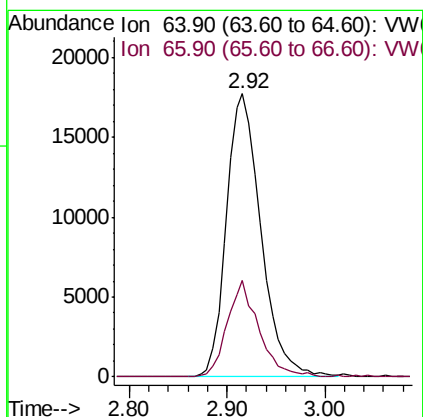
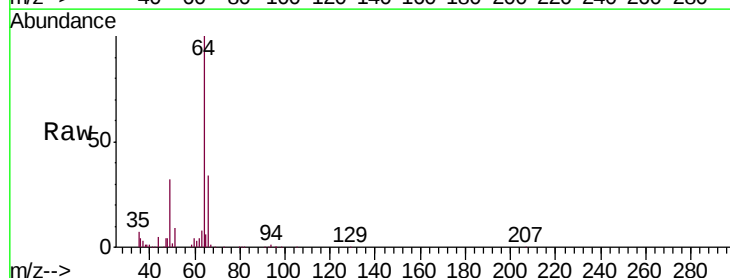
Acq: 08 Sep 2019 23:04

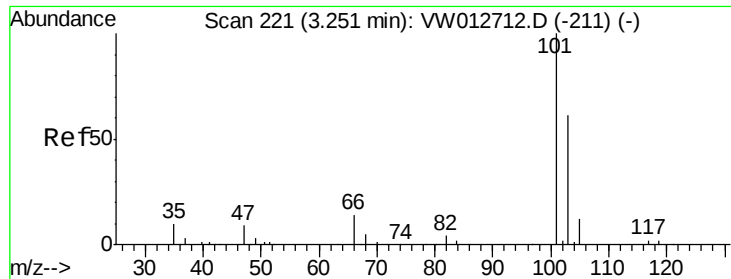
Tgt Ion: 64 Resp: 43305

Ion Ratio Lower Upper

64 100

66 34.3 23.8 35.6



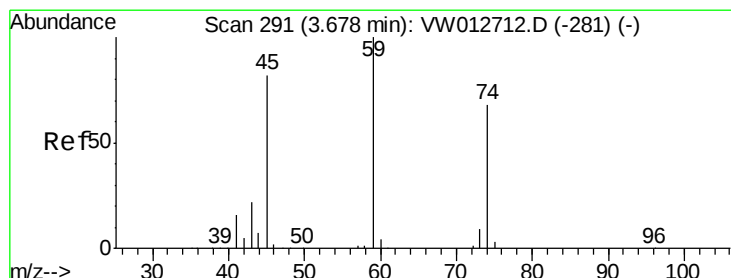
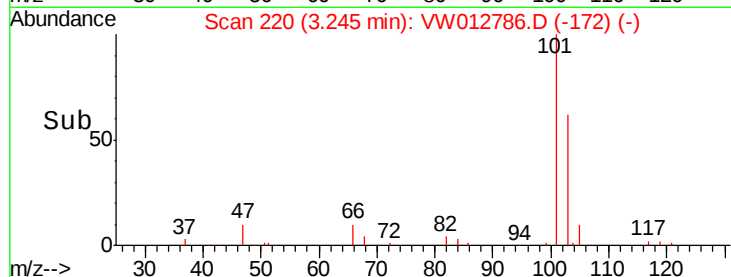
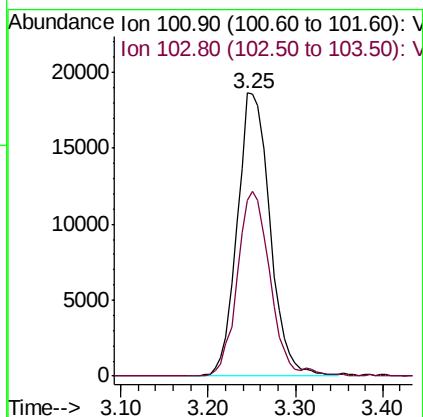
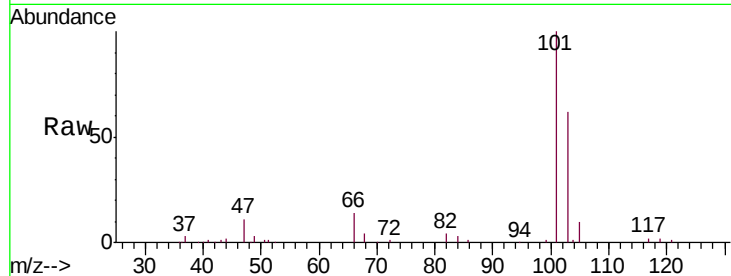


#7

Trichlorofluoromethane
 Concen: 48.762 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

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 VSTDCCC050

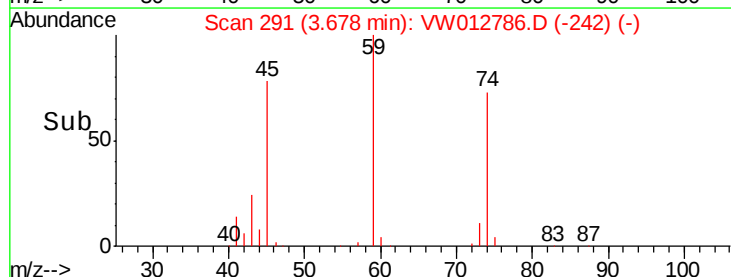
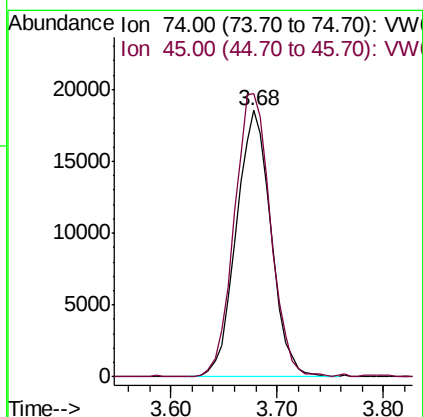
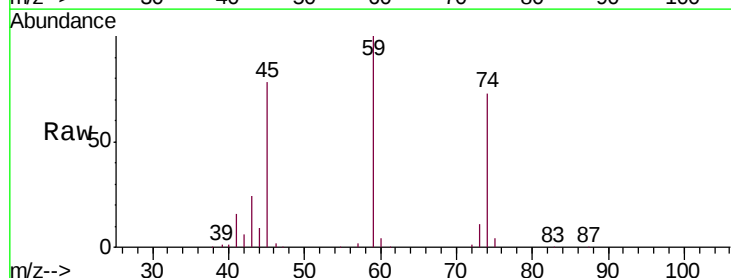
Tgt Ion:101 Resp: 48723
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.0 73.4

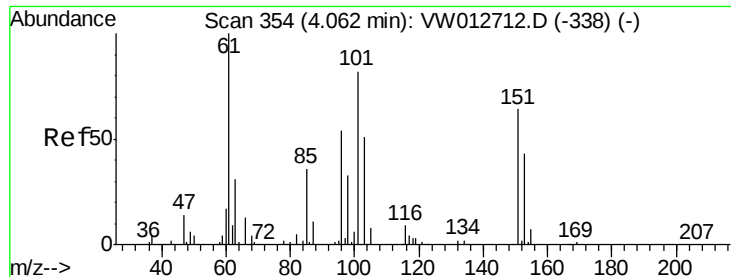


#8

Diethyl Ether
 Concen: 50.553 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 74 Resp: 42455
 Ion Ratio Lower Upper
 74 100
 45 111.1 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.141 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

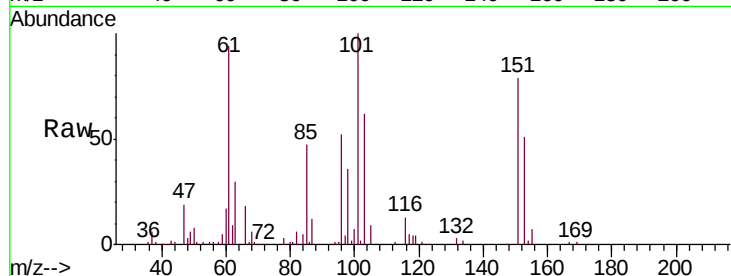
Tgt Ion:101 Resp: 80192

Ion Ratio Lower Upper

101 100

85 46.1 36.2 54.2

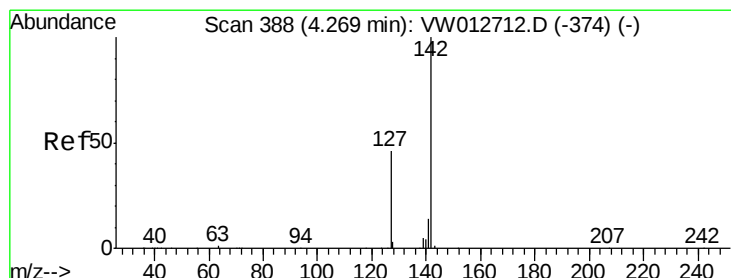
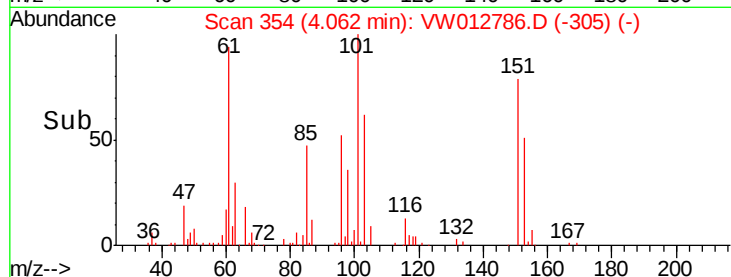
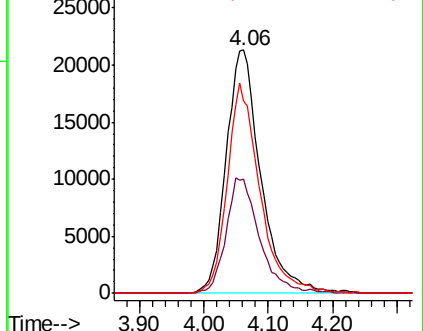
151 81.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.892 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

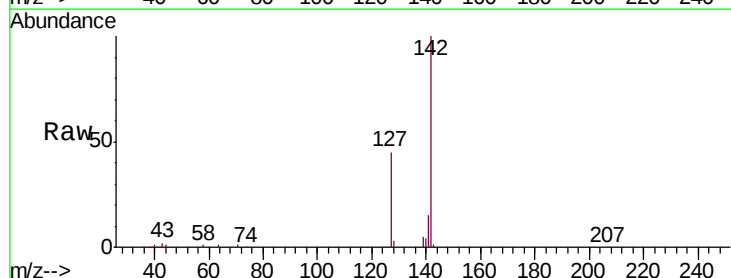
Tgt Ion:142 Resp: 94537

Ion Ratio Lower Upper

142 100

127 47.1 36.0 54.0

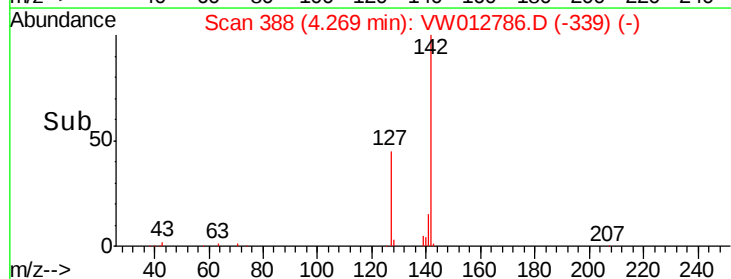
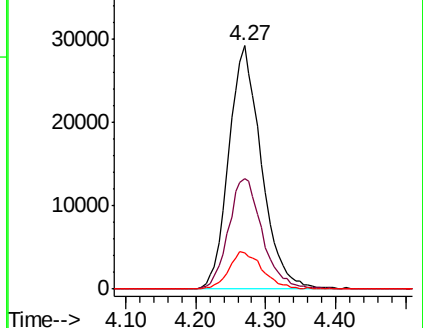
141 15.8 12.2 18.4

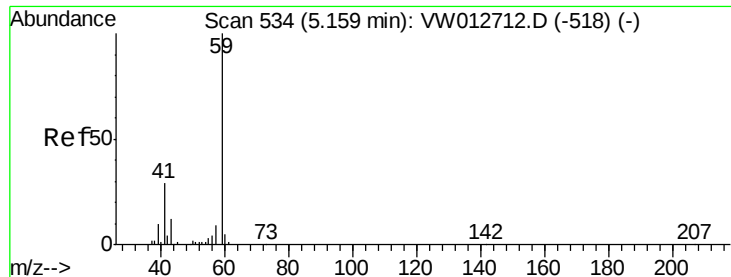


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



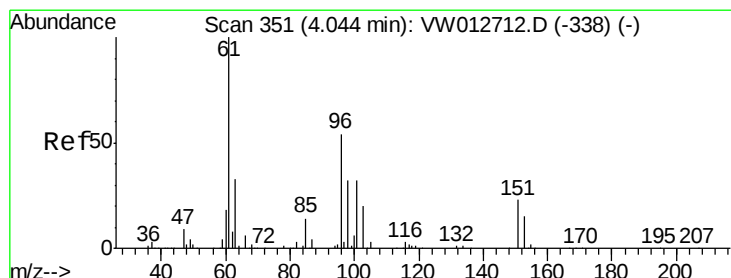
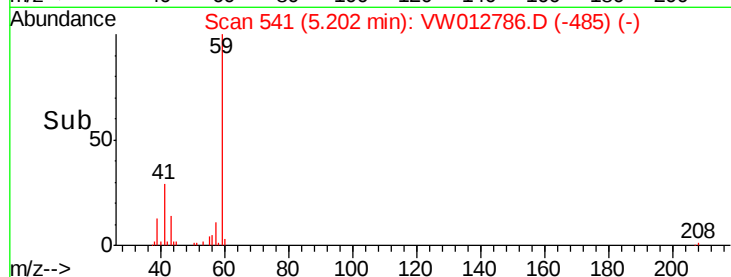
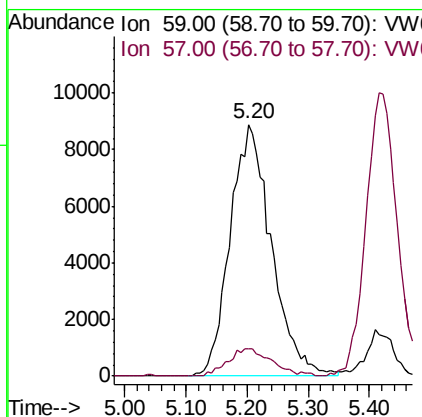
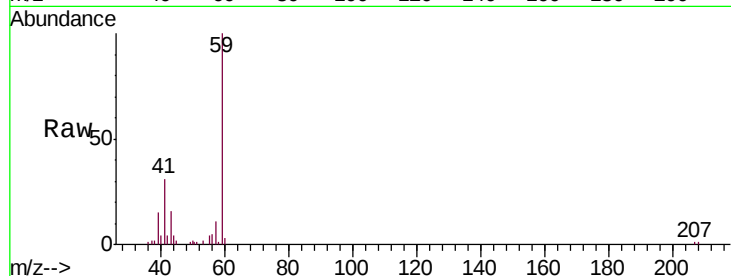


#11

Tert butyl alcohol
Concen: 270.840 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

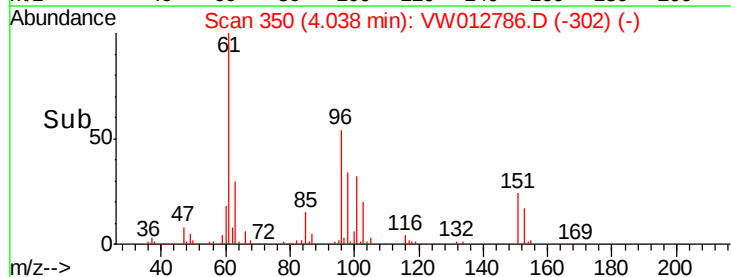
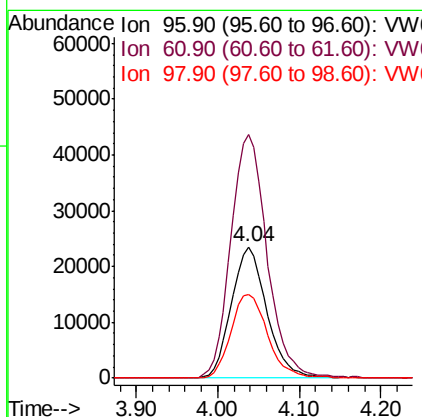
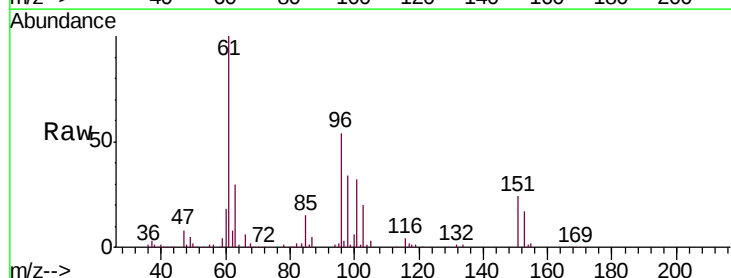
Tgt Ion: 59 Resp: 41501
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

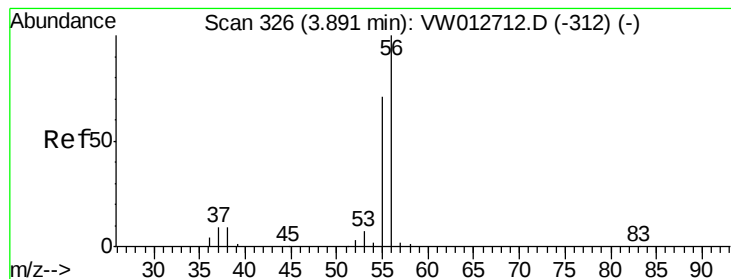


#12

1,1-Dichloroethene
Concen: 47.875 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 96 Resp: 70866
Ion Ratio Lower Upper
96 100
61 185.5 147.8 221.6
98 63.9 47.9 71.9





#13

Acrolein

Concen: 258.877 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

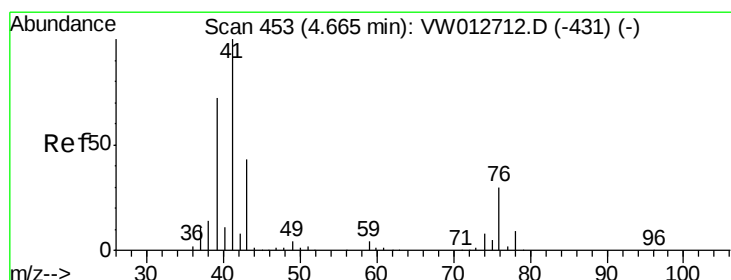
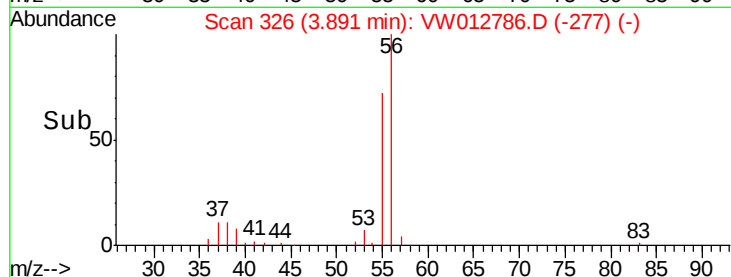
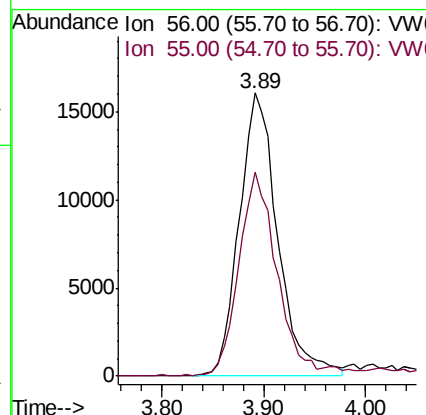
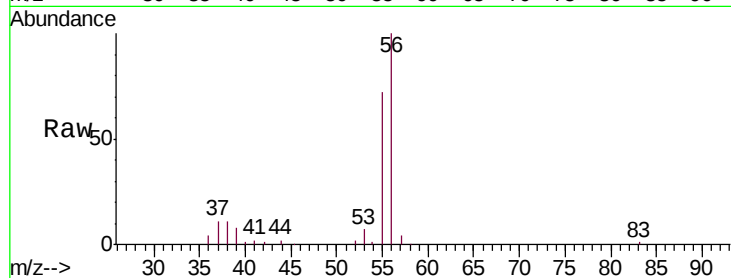
VSTDCCC050

Tgt Ion: 56 Resp: 42095

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 44.932 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

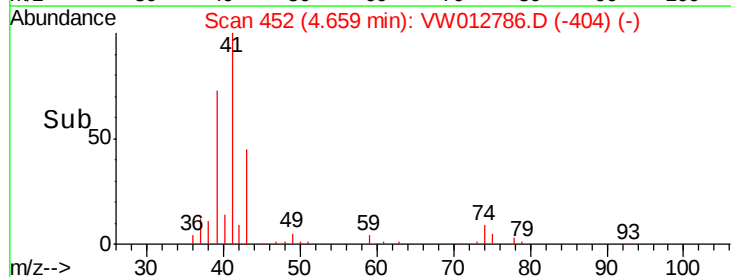
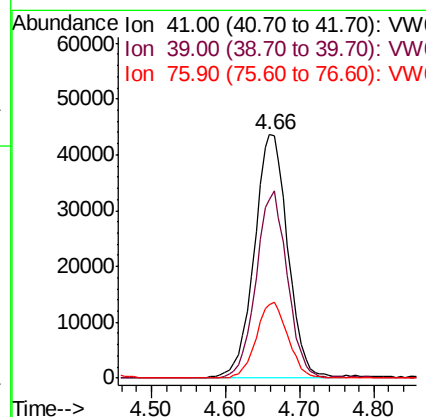
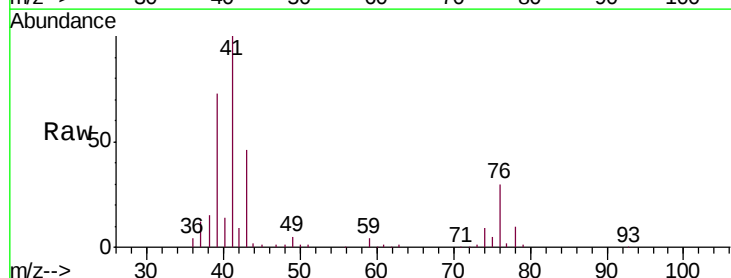
Tgt Ion: 41 Resp: 137585

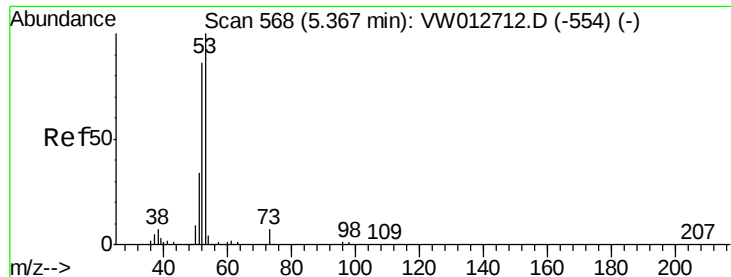
Ion Ratio Lower Upper

41 100

39 71.6 55.0 82.6

76 29.3 23.0 34.4





#15

Acrylonitrile

Concen: 269.095 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

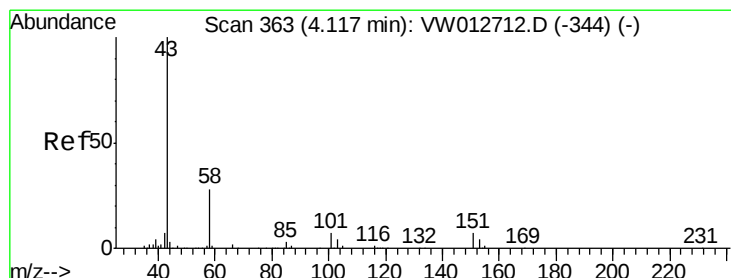
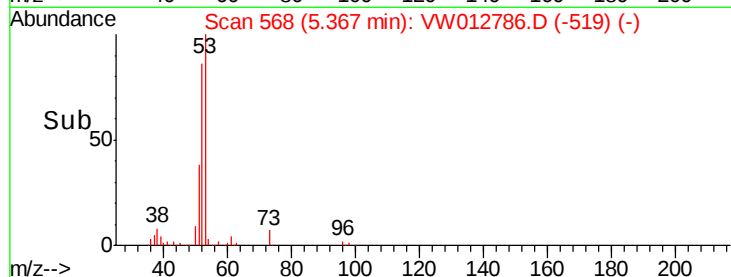
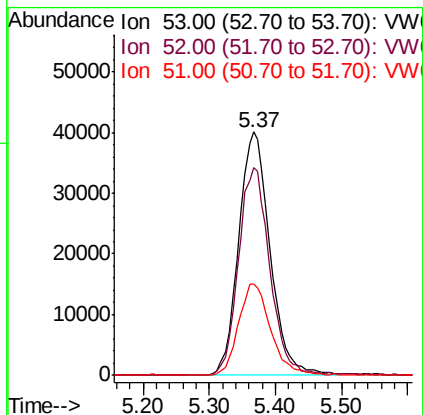
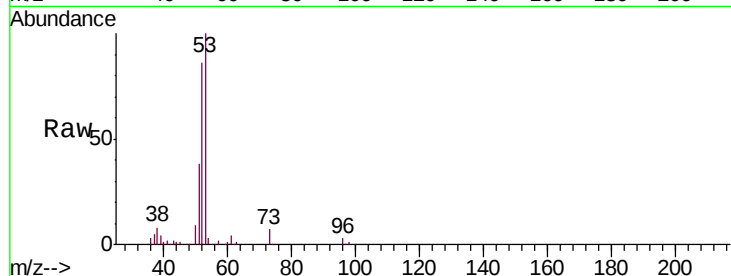
Tgt Ion: 53 Resp: 131994

Ion Ratio Lower Upper

53 100

52 84.8 67.0 100.4

51 38.7 29.8 44.8



#16

Acetone

Concen: 239.416 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012786.D

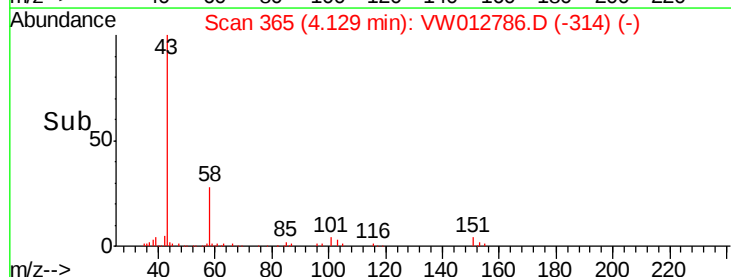
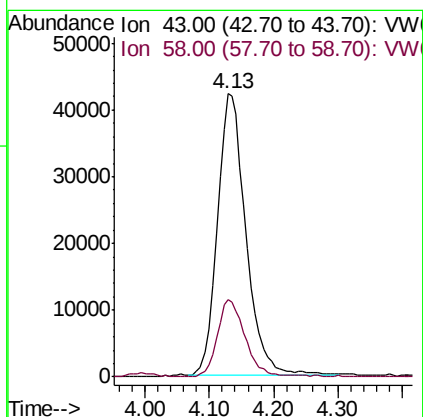
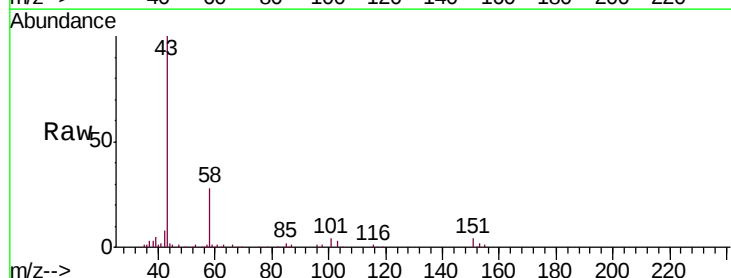
Acq: 08 Sep 2019 23:04

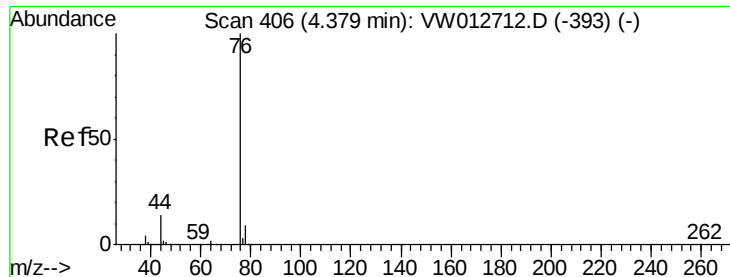
Tgt Ion: 43 Resp: 130718

Ion Ratio Lower Upper

43 100

58 27.3 22.6 33.8

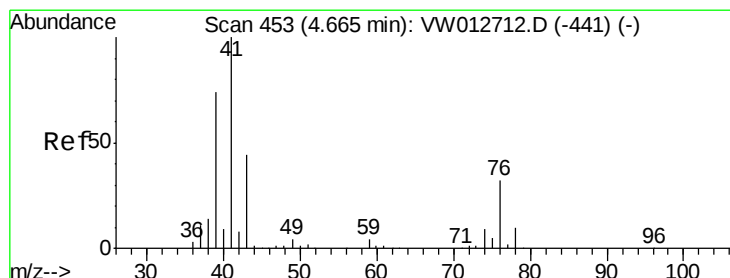
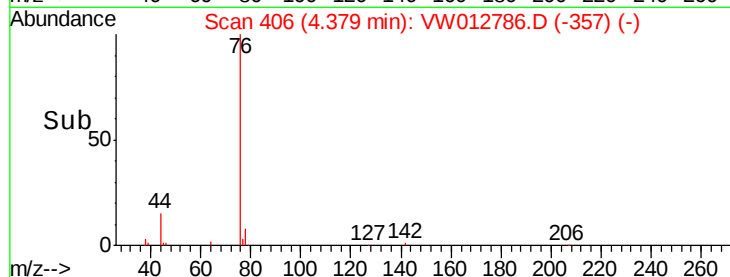
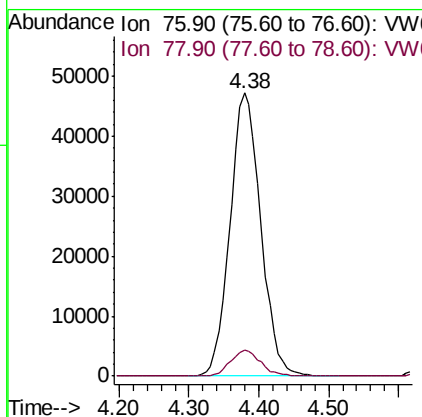
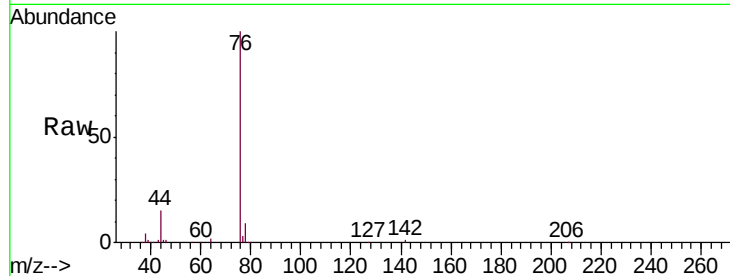




#17
Carbon Disulfide
Concen: 45.729 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

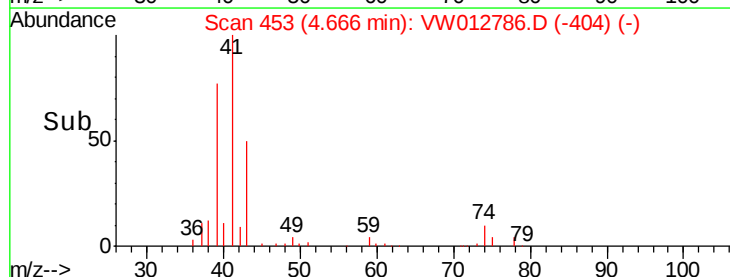
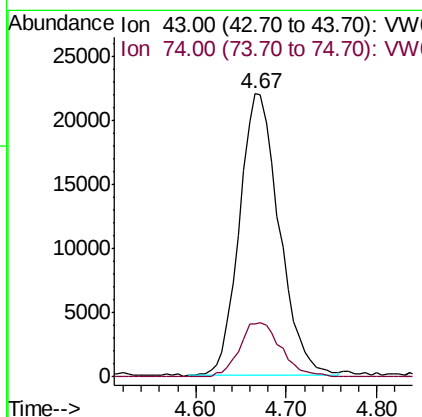
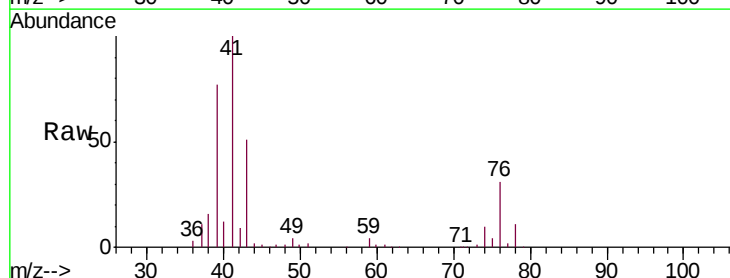
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

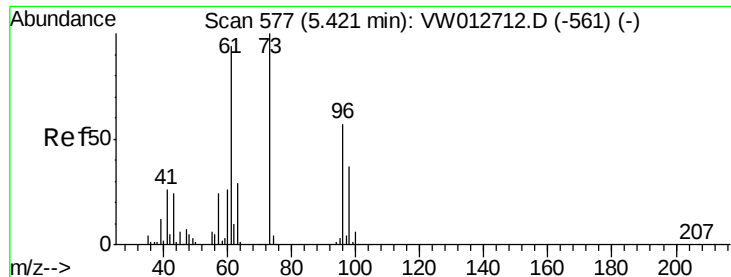
Tgt Ion: 76 Resp: 143680
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 52.254 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 43 Resp: 66936
Ion Ratio Lower Upper
43 100
74 20.1 15.8 23.6

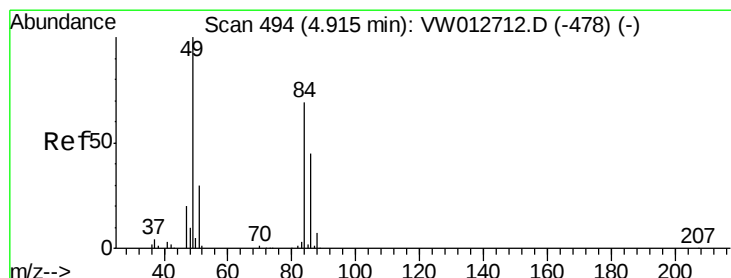
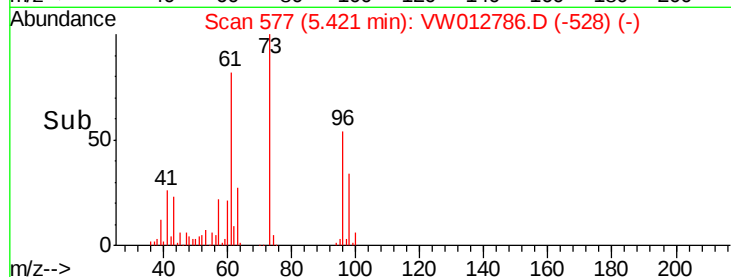
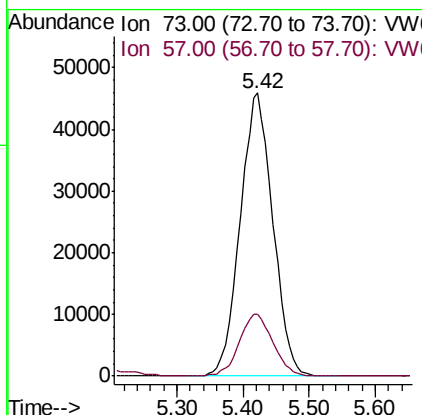
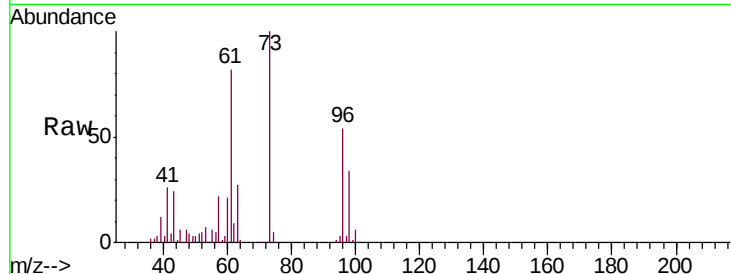




#19
Methyl tert-butyl Ether
Concen: 53.526 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

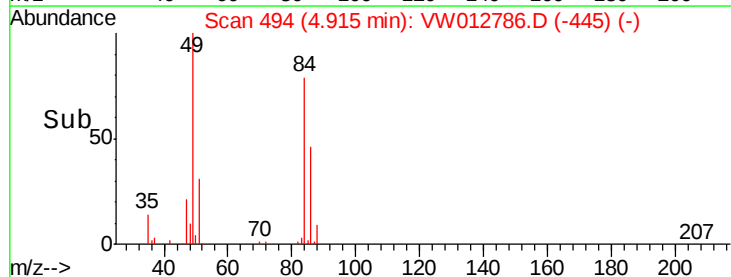
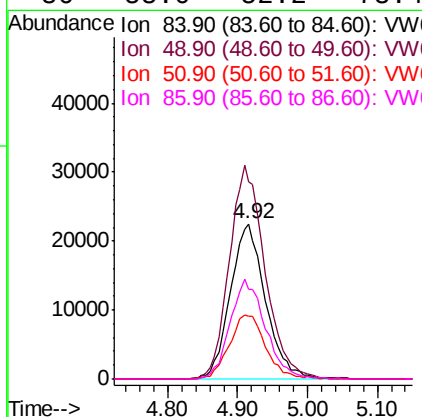
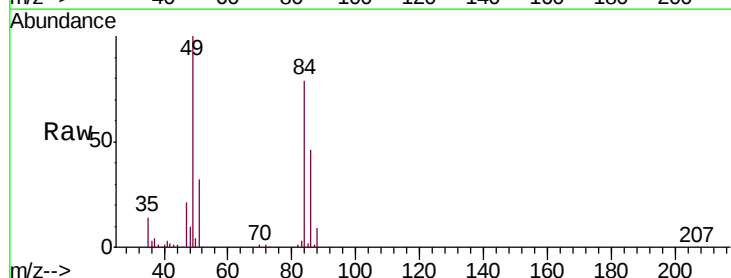
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

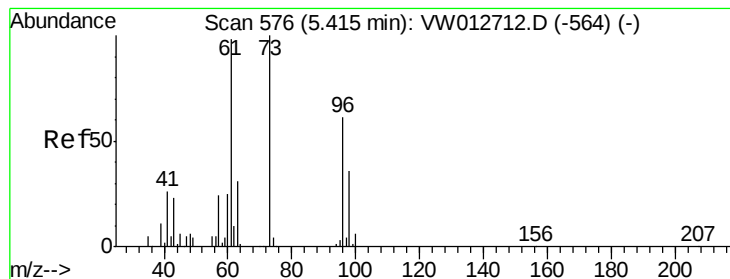
Tgt Ion: 73 Resp: 157131
Ion Ratio Lower Upper
73 100
57 21.7 19.2 28.8



#20
Methylene Chloride
Concen: 45.977 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 84 Resp: 78535
Ion Ratio Lower Upper
84 100
49 127.0 115.4 173.0
51 40.3 34.9 52.3
86 58.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.178 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

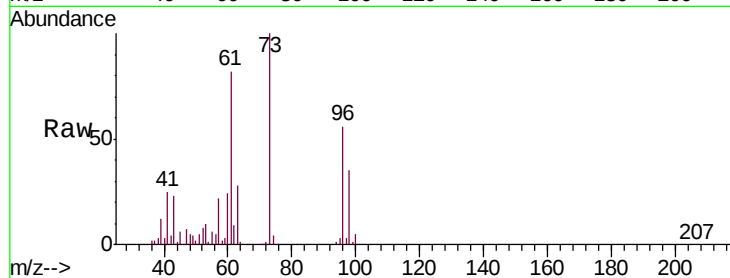
Tgt Ion: 96 Resp: 74276

Ion Ratio Lower Upper

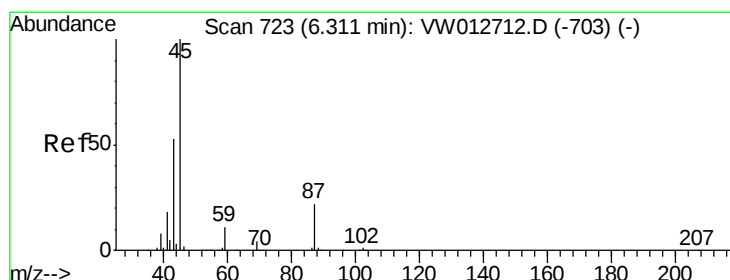
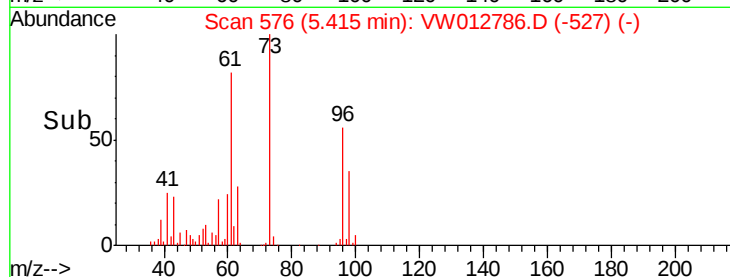
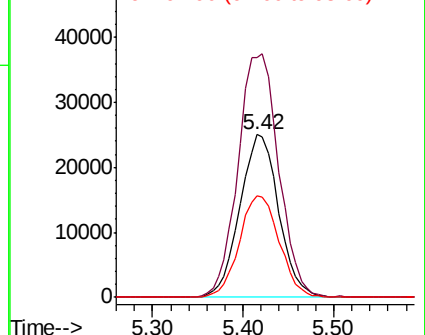
96 100

61 147.6 129.2 193.8

98 62.8 48.0 72.0



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



#22

Diisopropyl ether

Concen: 48.448 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Tgt Ion: 45 Resp: 294237

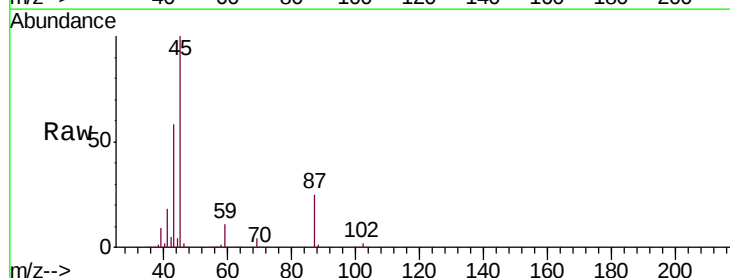
Ion Ratio Lower Upper

45 100

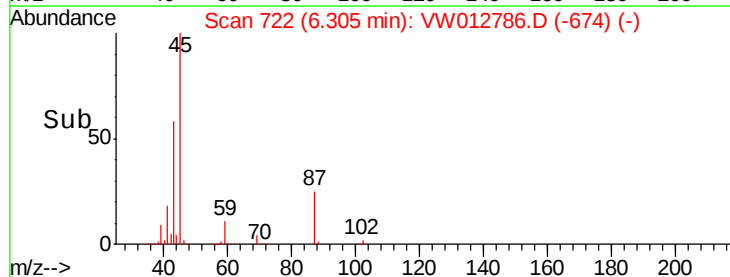
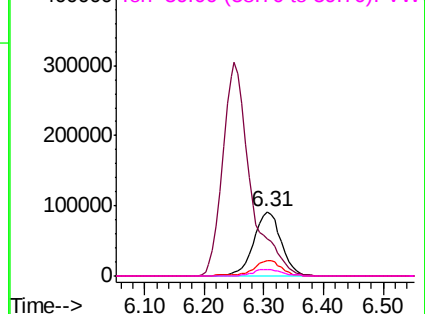
43 58.3 42.3 63.5

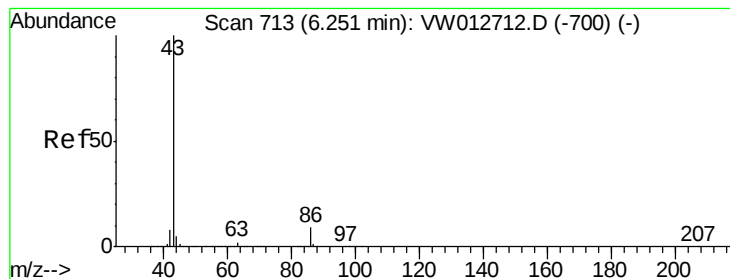
87 24.6 18.2 27.2

59 10.7 8.5 12.7



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: 255.482 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

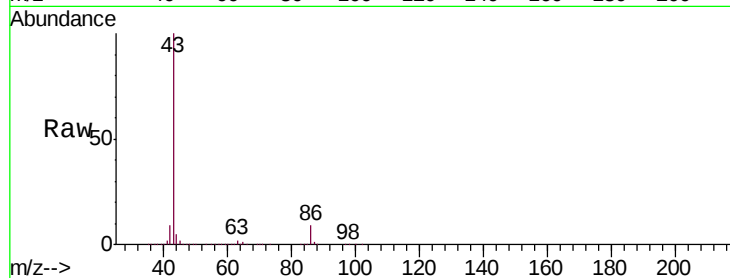
VSTDCCC050

Tgt Ion: 43 Resp: 983315

Ion Ratio Lower Upper

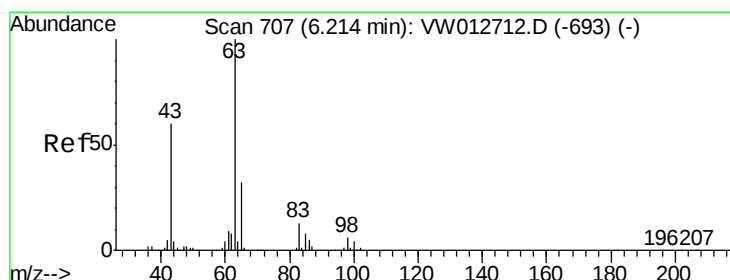
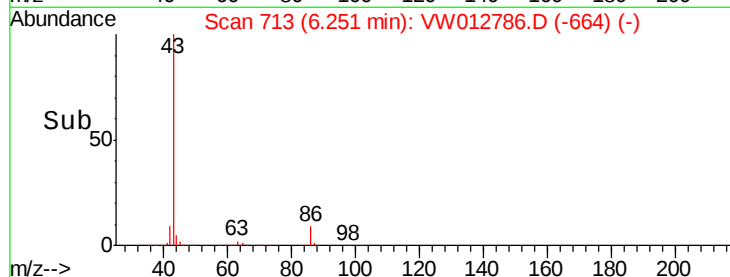
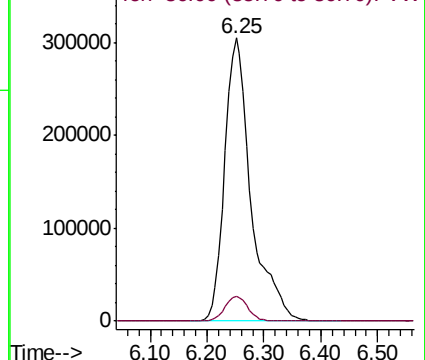
43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.166 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

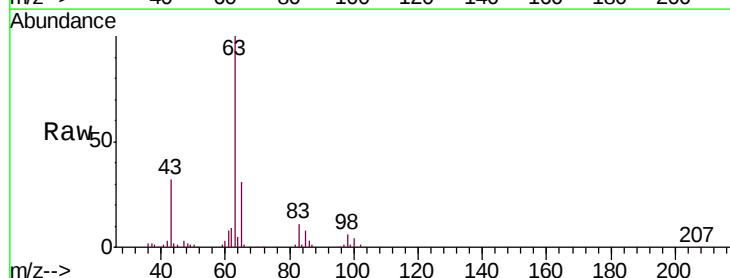
Tgt Ion: 63 Resp: 164044

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

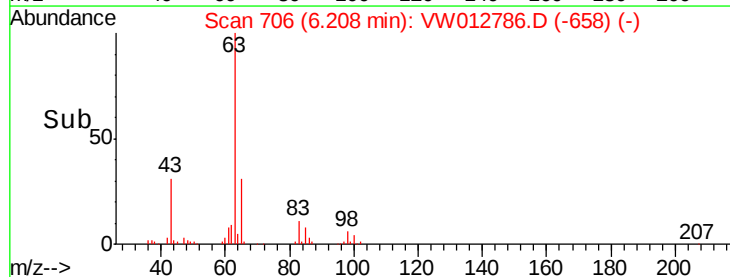
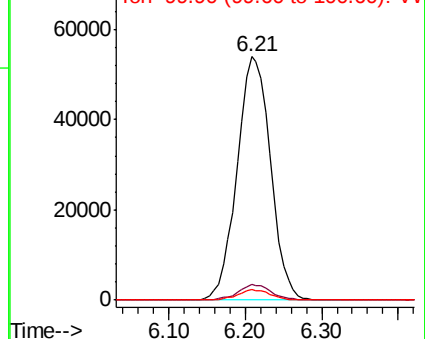
100 4.1 1.8 5.5

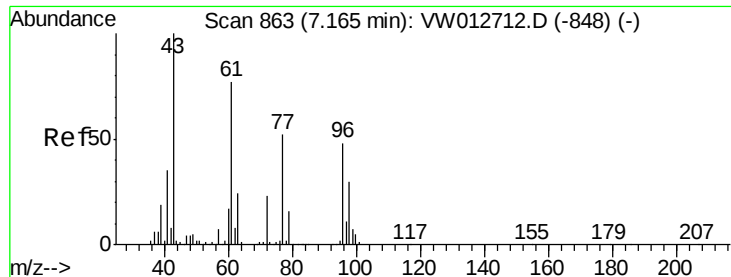


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 235.971 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

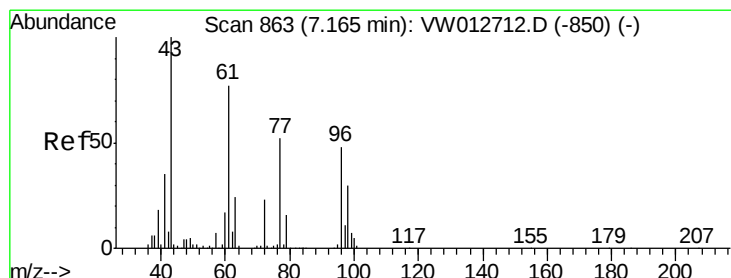
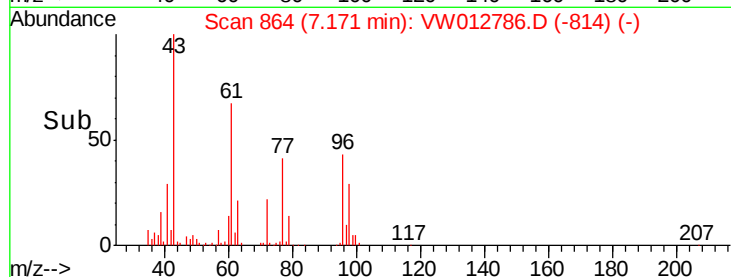
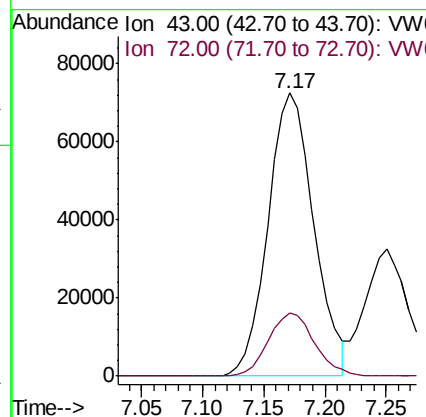
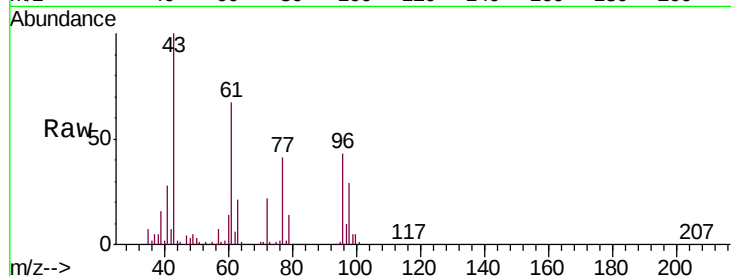
VSTDCCC050

Tgt Ion: 43 Resp: 188737

Ion Ratio Lower Upper

43 100

72 22.4 18.0 27.0



#26

2,2-Dichloropropane

Concen: 47.803 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012786.D

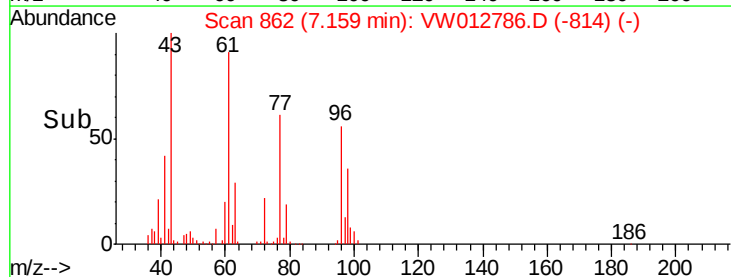
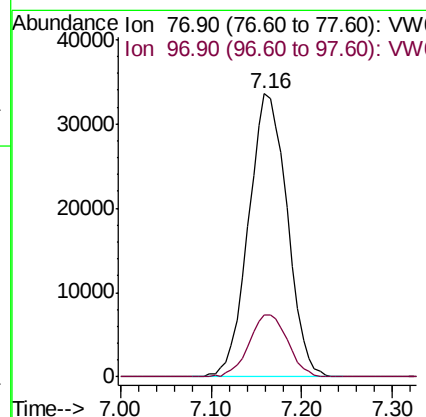
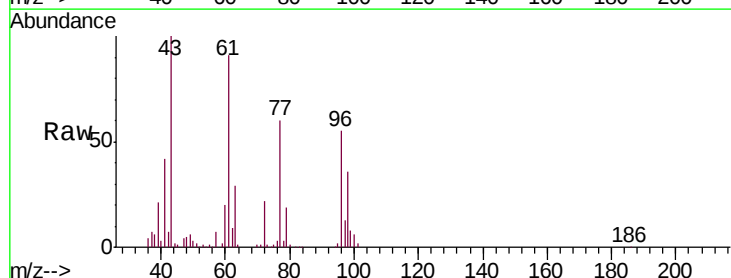
Acq: 08 Sep 2019 23:04

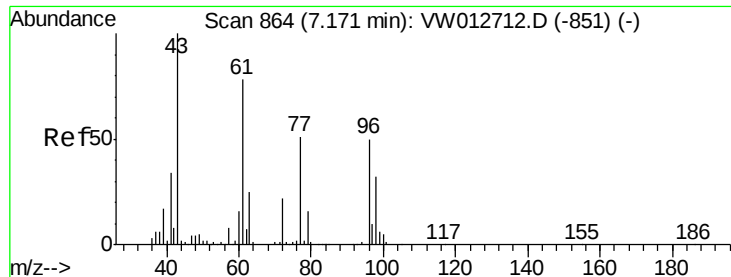
Tgt Ion: 77 Resp: 98730

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



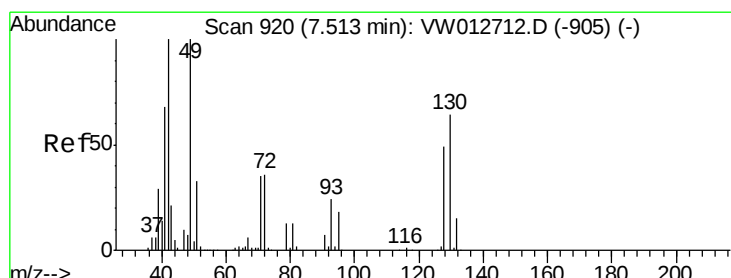
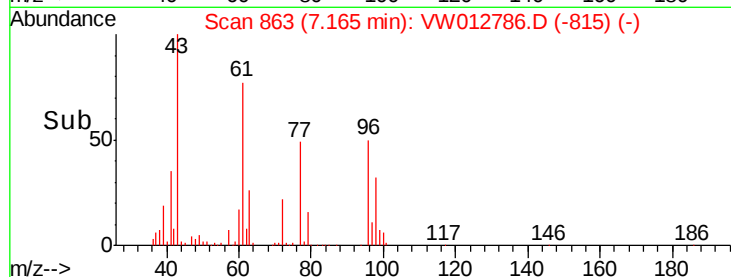
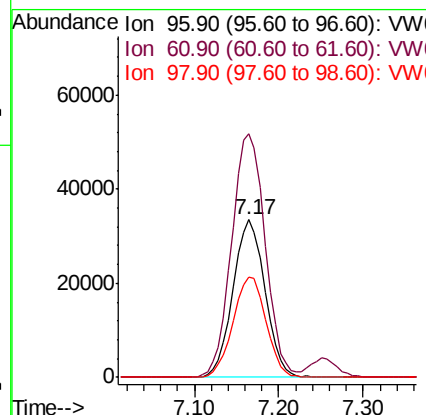
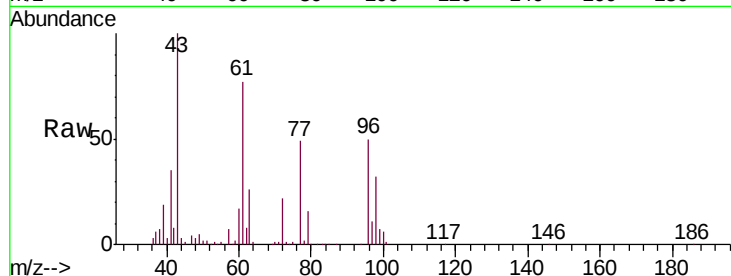


#27

cis-1,2-Dichloroethene
Concen: 49.445 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

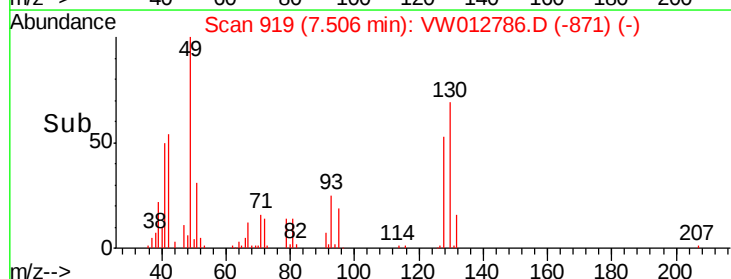
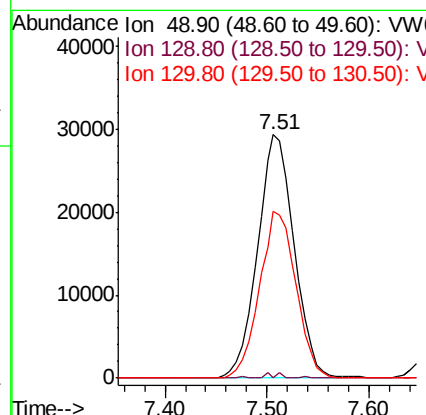
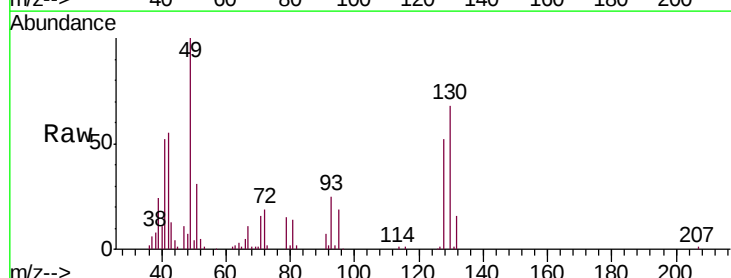
Tgt Ion: 96 Resp: 86591
Ion Ratio Lower Upper
96 100
61 161.7 0.0 325.8
98 65.5 0.0 127.0

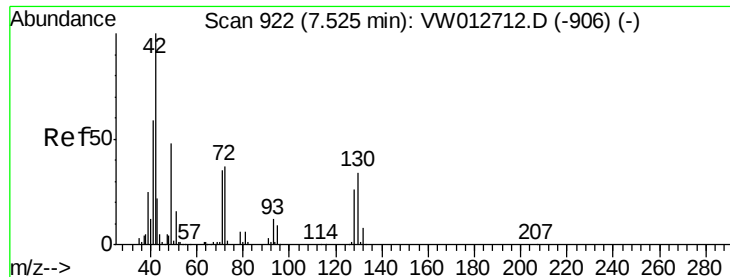


#28

Bromochloromethane
Concen: 48.603 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 49 Resp: 72979
Ion Ratio Lower Upper
49 100
129 0.6 0.0 0.8
130 68.3 49.8 74.8





#29

Tetrahydrofuran

Concen: 267.915 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

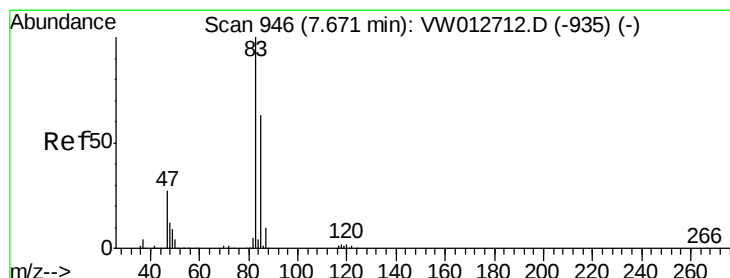
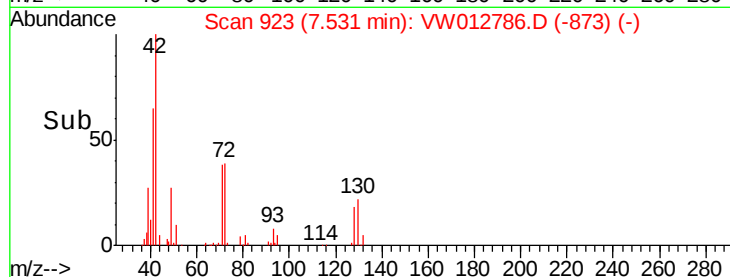
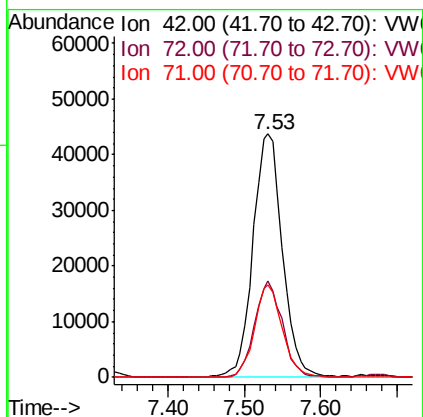
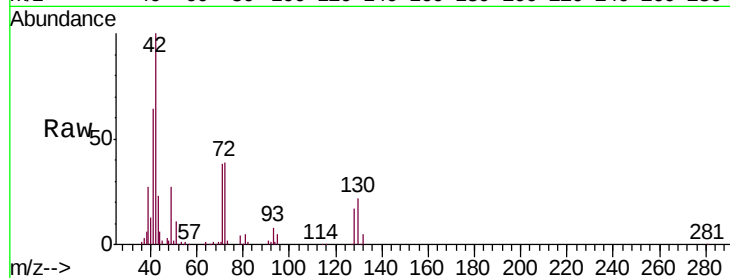
Tgt Ion: 42 Resp: 118125

Ion Ratio Lower Upper

42 100

72 37.1 28.4 42.6

71 35.7 27.1 40.7



#30

Chloroform

Concen: 50.354 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW012786.D

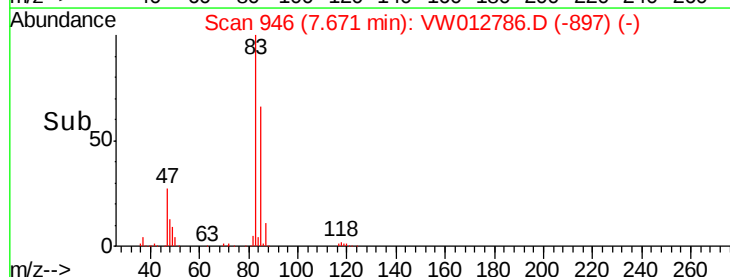
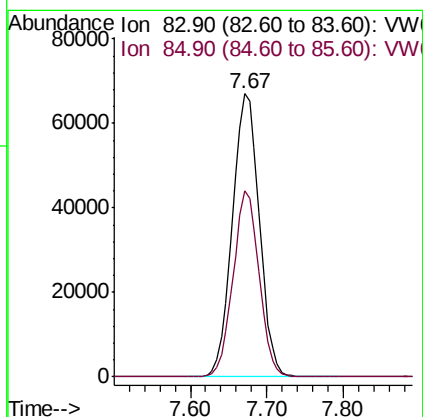
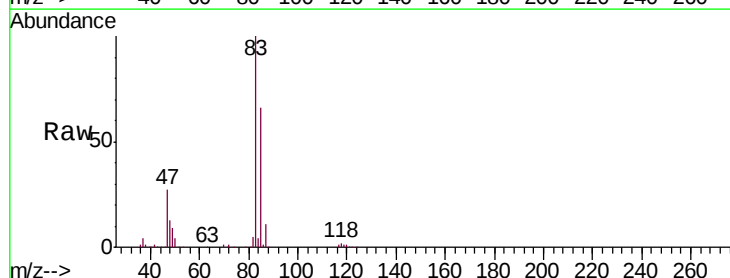
Acq: 08 Sep 2019 23:04

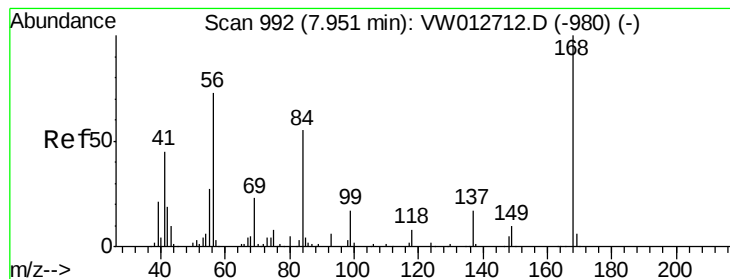
Tgt Ion: 83 Resp: 163187

Ion Ratio Lower Upper

83 100

85 65.5 50.6 76.0





#31

Cyclohexane

Concen: 45.977 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

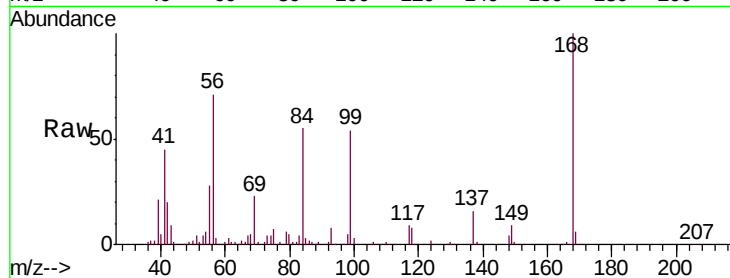
Tgt Ion: 56 Resp: 135352

Ion Ratio Lower Upper

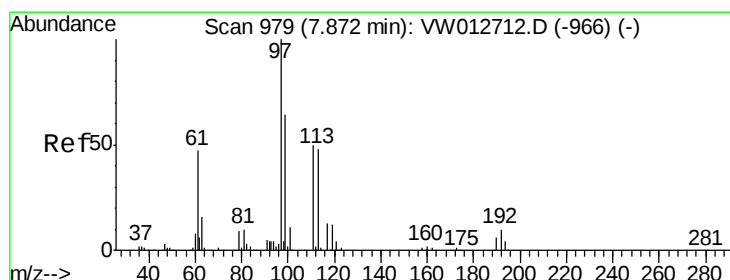
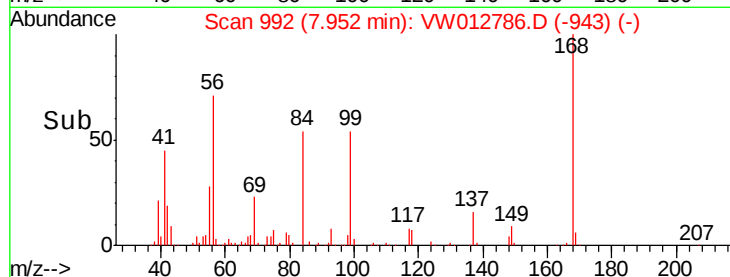
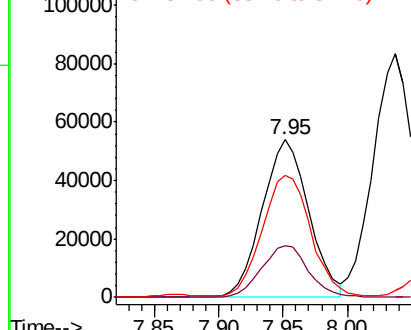
56 100

69 32.9 25.7 38.5

84 76.5 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 52.843 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

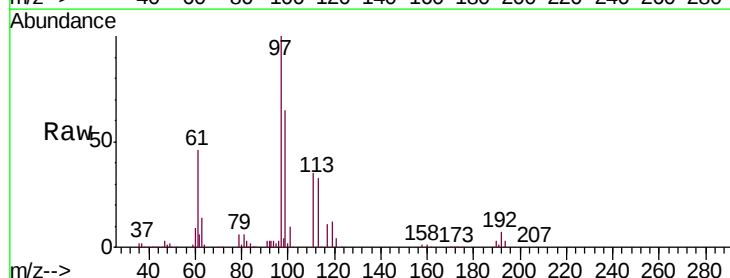
Tgt Ion: 97 Resp: 138817

Ion Ratio Lower Upper

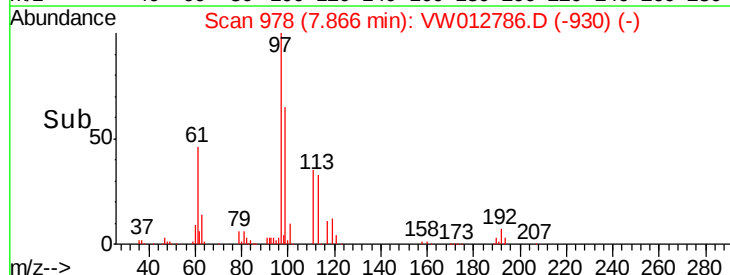
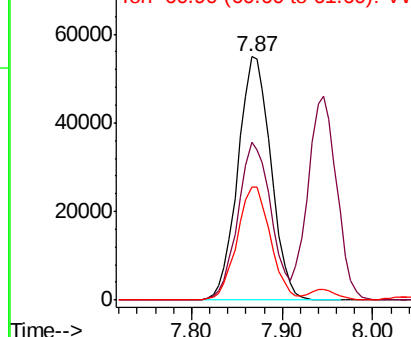
97 100

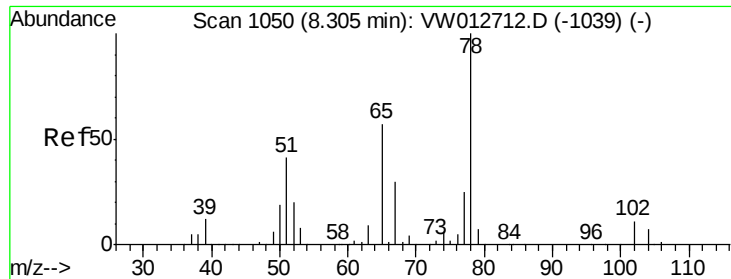
99 65.2 51.5 77.3

61 47.1 37.9 56.9



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

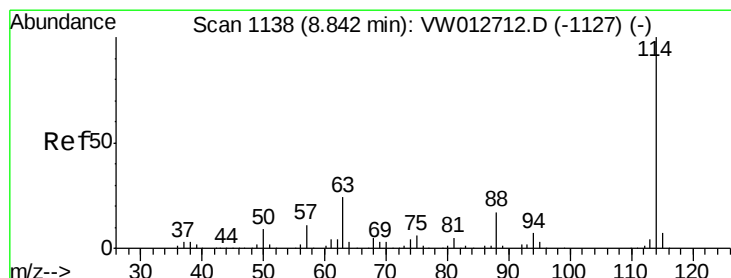
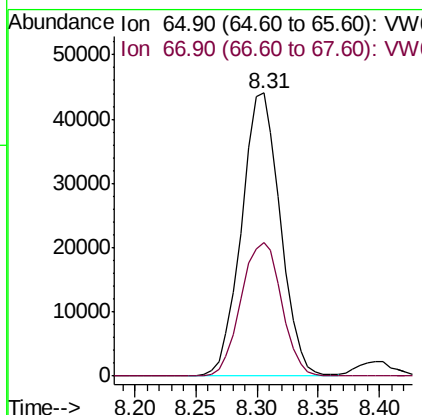
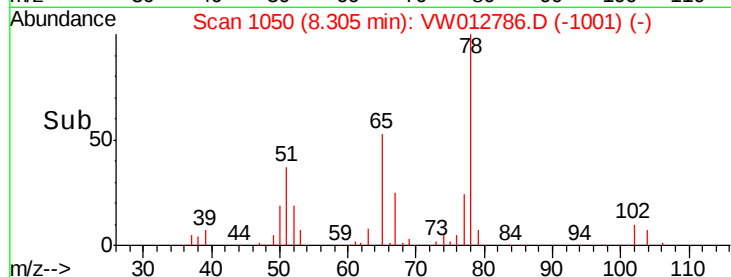
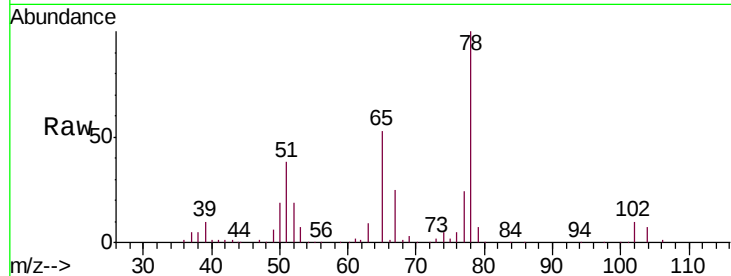




#33
 1,2-Dichloroethane-d4
 Concen: 48.544 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

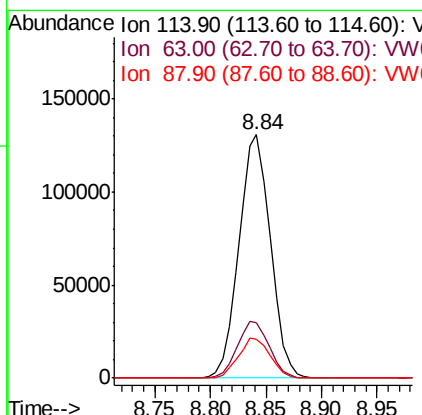
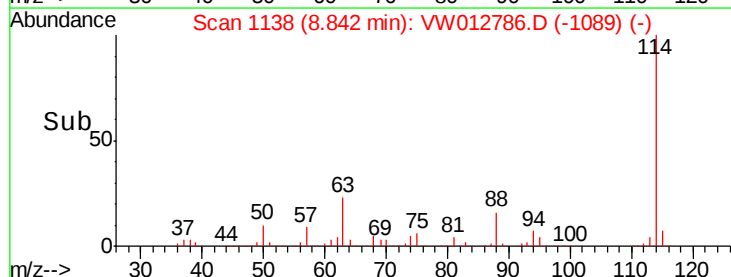
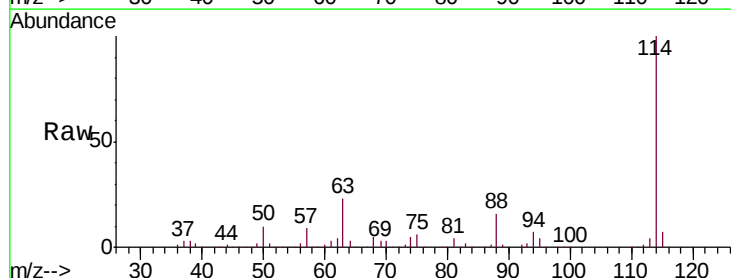
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

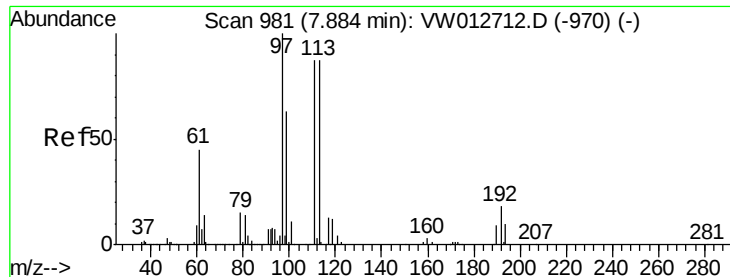
Tgt Ion: 65 Resp: 97221
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 114 Resp: 256986
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.400 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

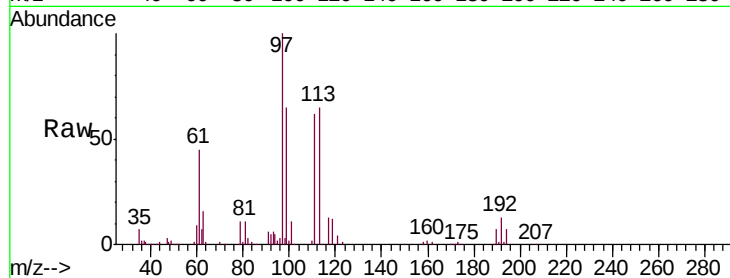
Tgt Ion: 113 Resp: 70892

Ion Ratio Lower Upper

113 100

111 103.7 80.2 120.4

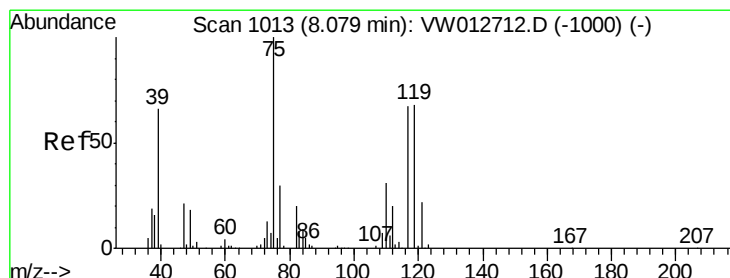
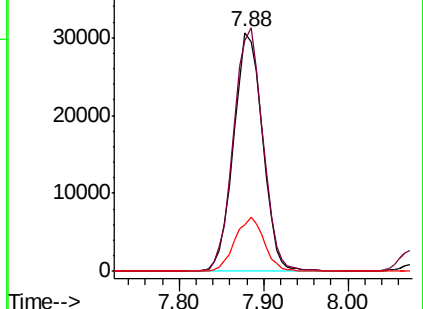
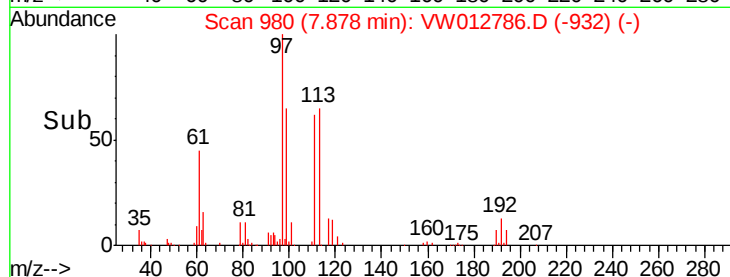
192 22.6 17.3 25.9



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: 52.981 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

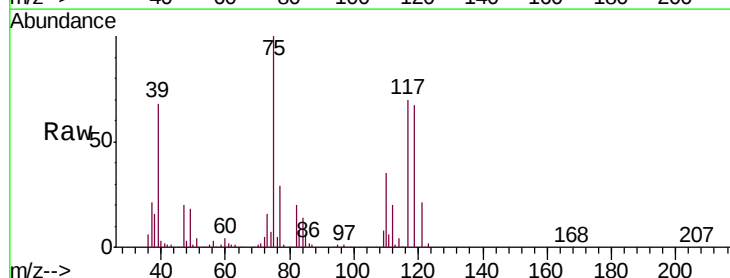
Tgt Ion: 75 Resp: 120977

Ion Ratio Lower Upper

75 100

110 32.7 15.9 47.7

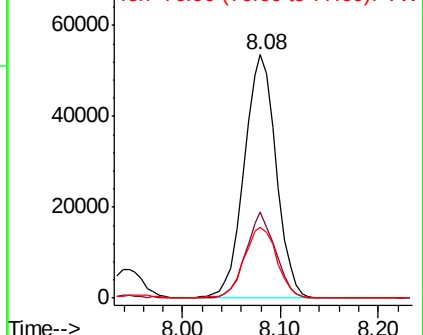
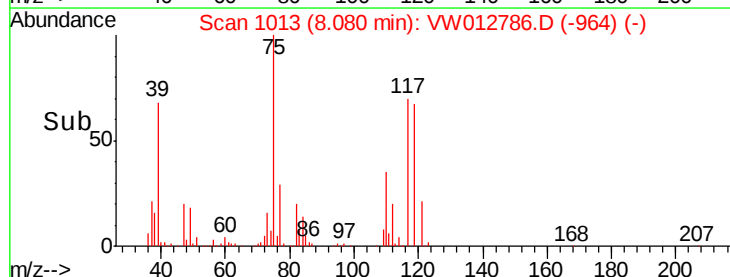
77 30.1 25.0 37.4

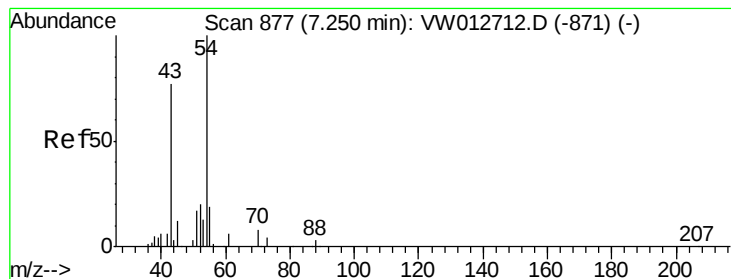


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 56.753 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

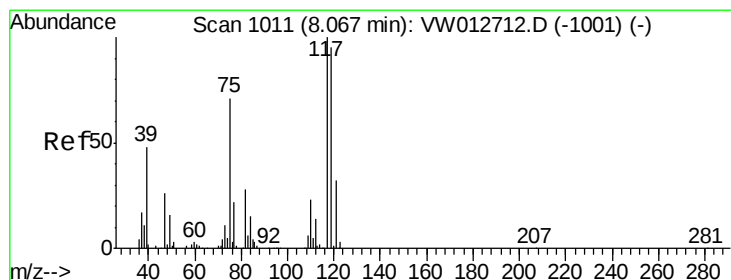
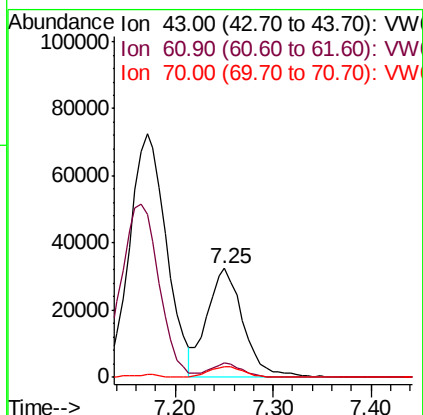
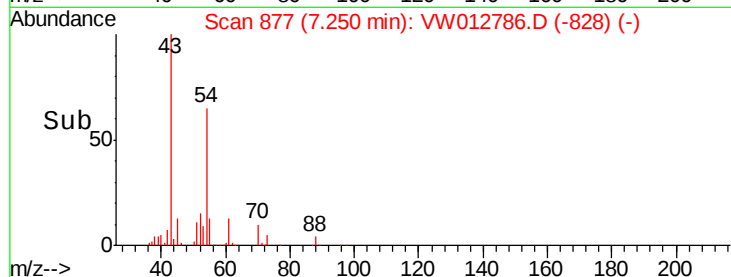
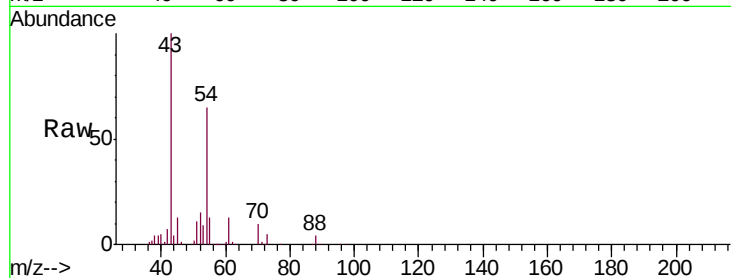
Tgt Ion: 43 Resp: 82610

Ion Ratio Lower Upper

43 100

61 10.9 9.5 14.3

70 9.3 7.0 10.6



#38

Carbon Tetrachloride

Concen: 56.806 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

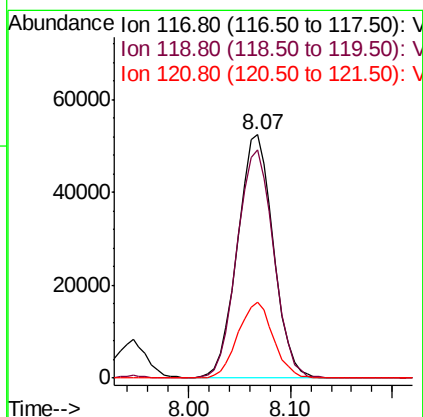
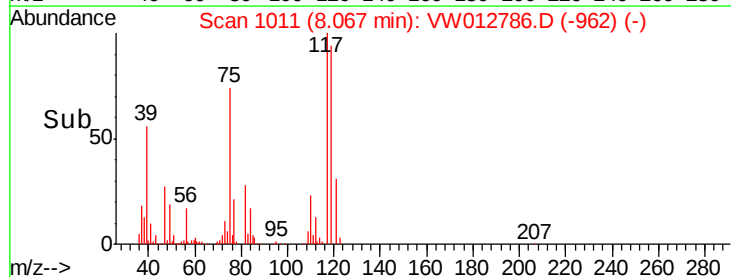
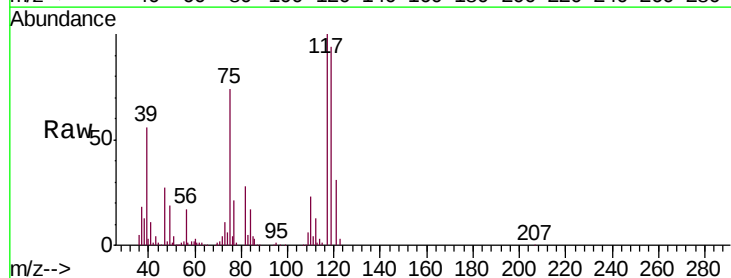
Tgt Ion: 117 Resp: 127862

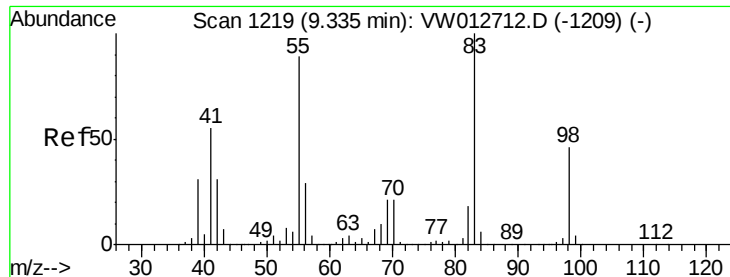
Ion Ratio Lower Upper

117 100

119 93.8 76.2 114.2

121 31.3 25.4 38.2

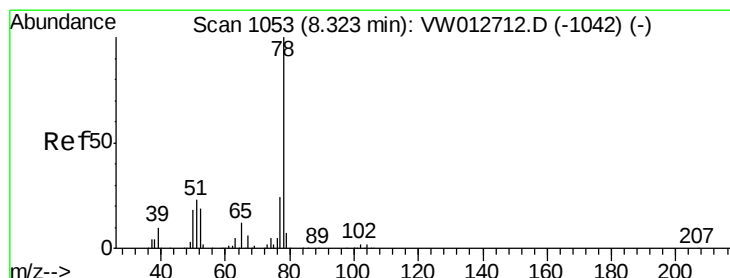
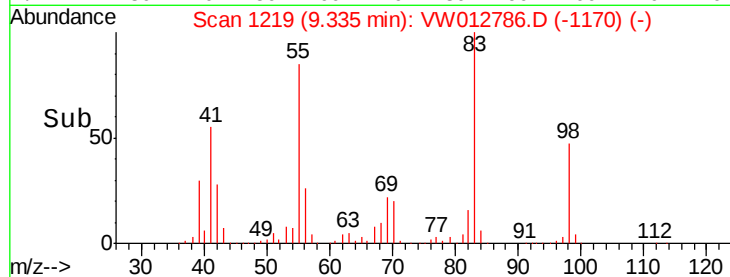
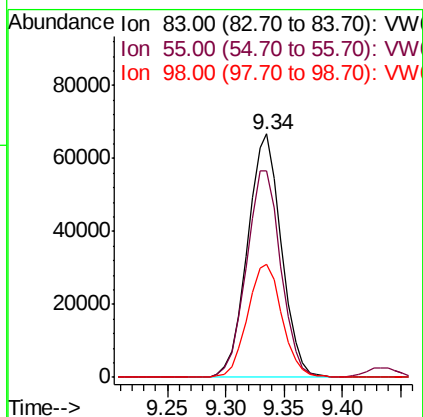
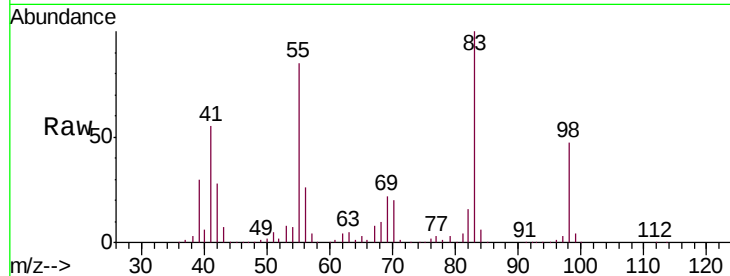




#39
Methylcyclohexane
Concen: 52.578 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

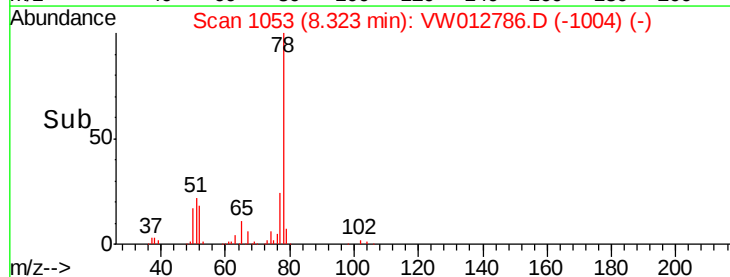
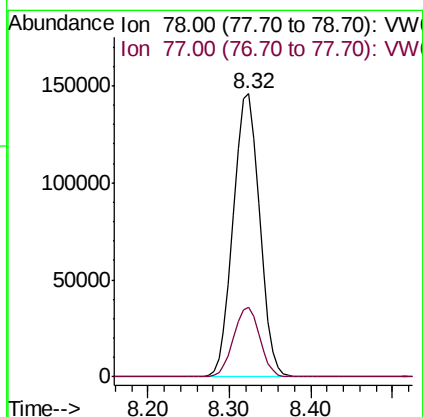
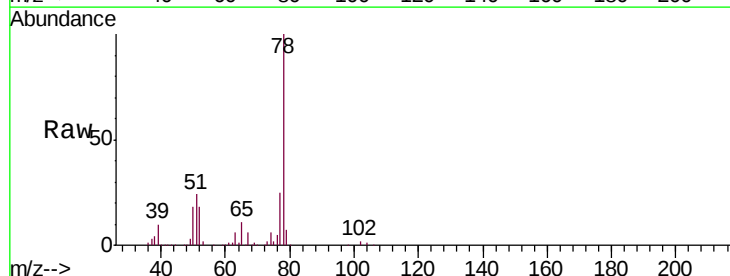
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

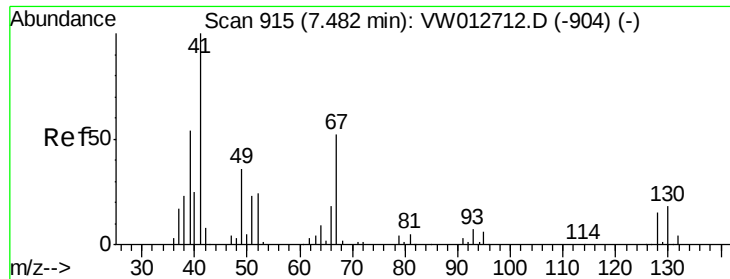
Tgt Ion: 83 Resp: 134839
Ion Ratio Lower Upper
83 100
55 84.8 71.0 106.4
98 46.5 36.9 55.3



#40
Benzene
Concen: 51.448 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 78 Resp: 325937
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

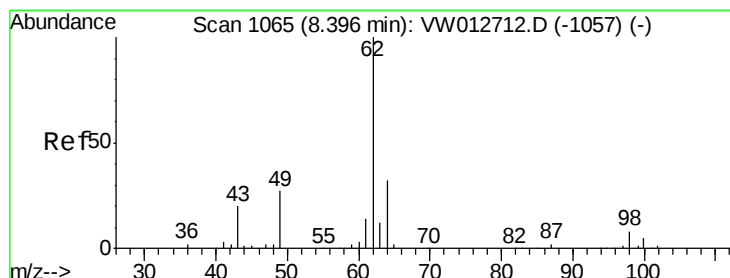
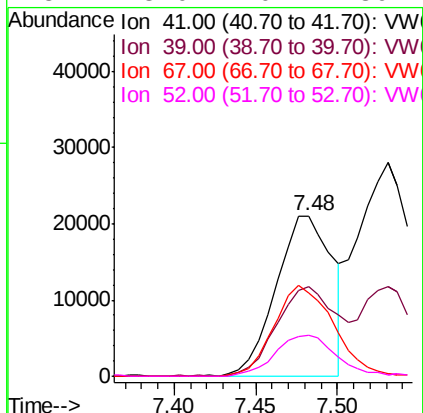
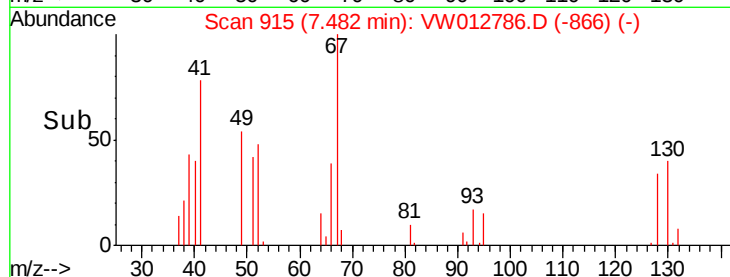
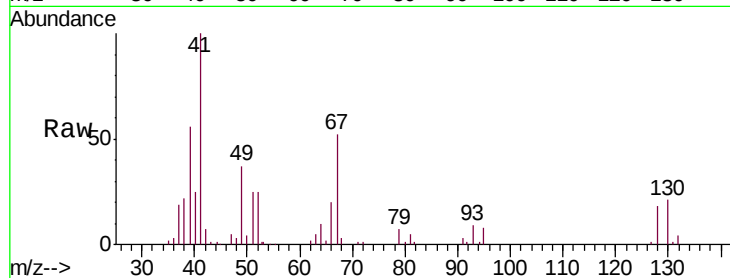




#41
Methacrylonitrile
Concen: 50.904 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

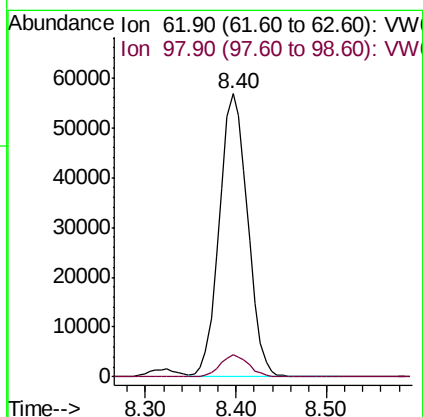
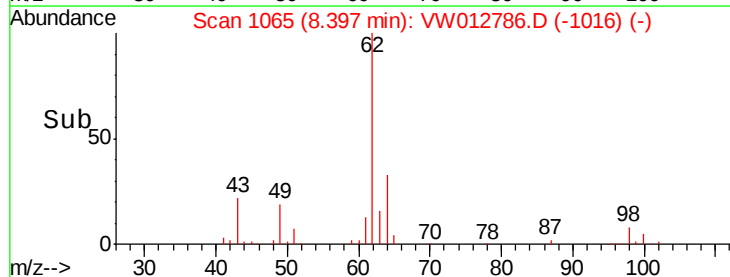
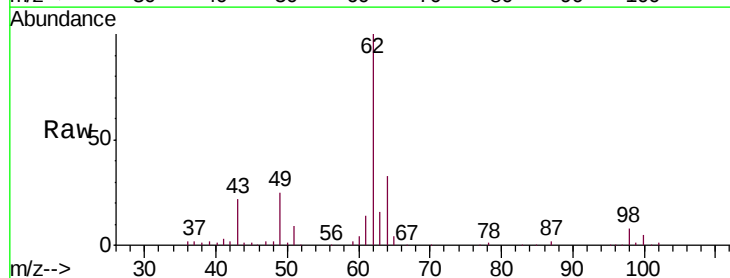
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

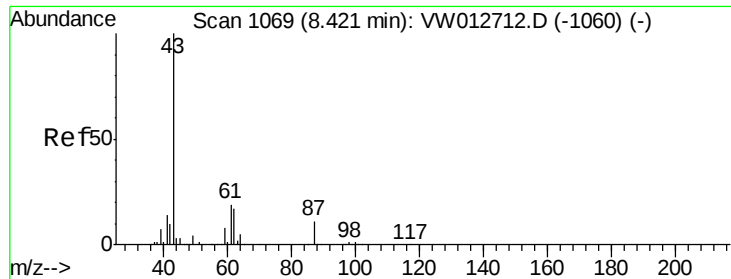
Tgt Ion:	41	Resp:	50443
Ion	Ratio	Lower	Upper
41	100		
39	60.6	47.5	71.3
67	59.9	45.1	67.7
52	28.0	20.2	30.2



#42
1,2-Dichloroethane
Concen: 55.578 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion:	62	Resp:	123919
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 55.915 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

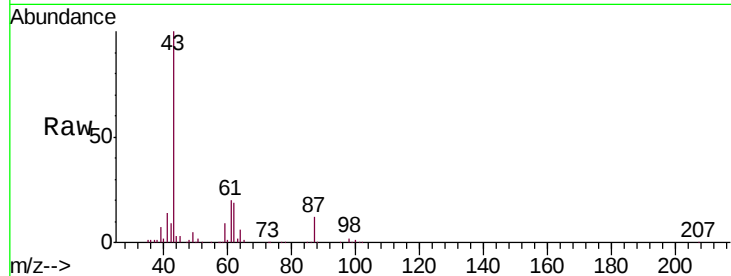
Tgt Ion: 43 Resp: 154198

Ion Ratio Lower Upper

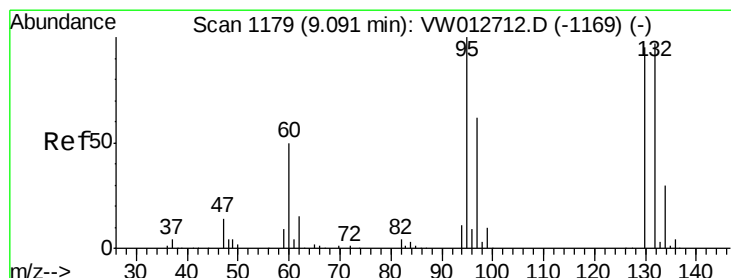
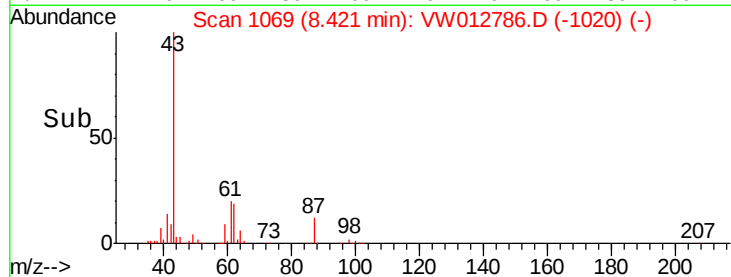
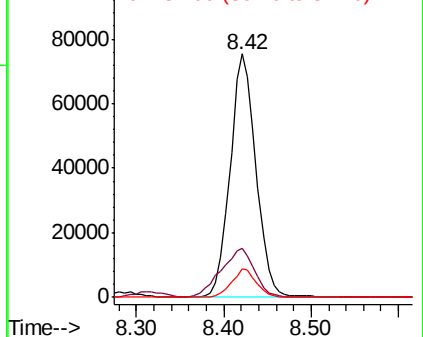
43 100

61 25.8 20.6 30.8

87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.026 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012786.D

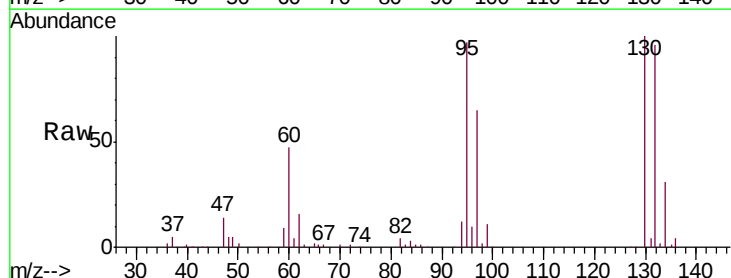
Acq: 08 Sep 2019 23:04

Tgt Ion: 130 Resp: 88227

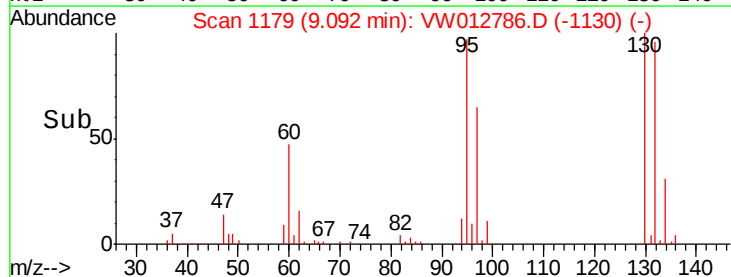
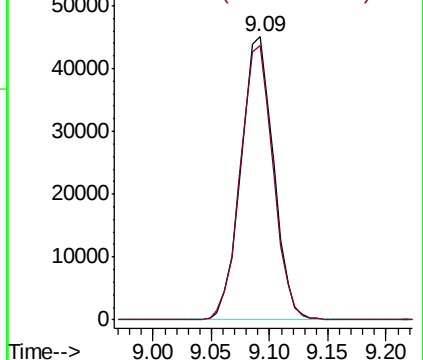
Ion Ratio Lower Upper

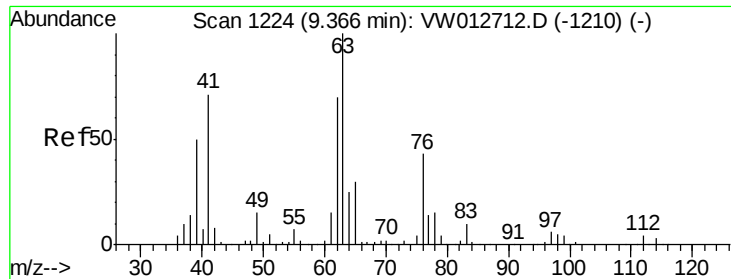
130 100

95 96.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.658 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

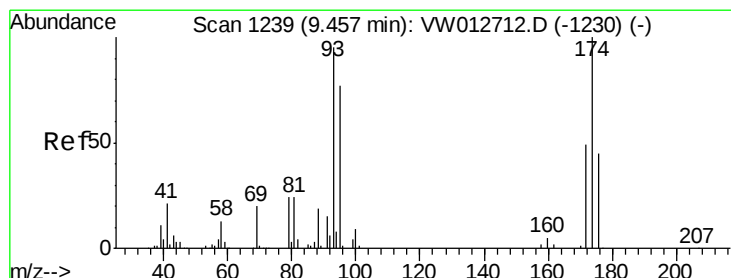
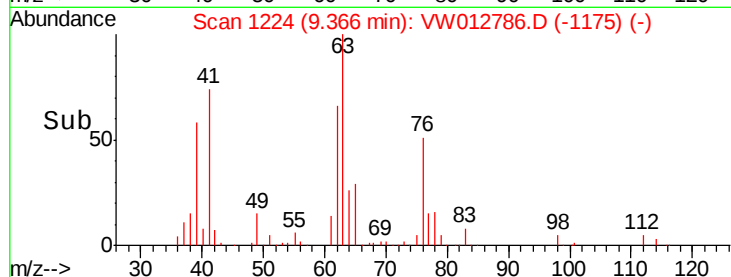
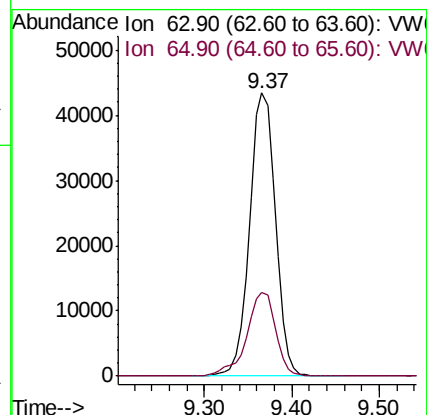
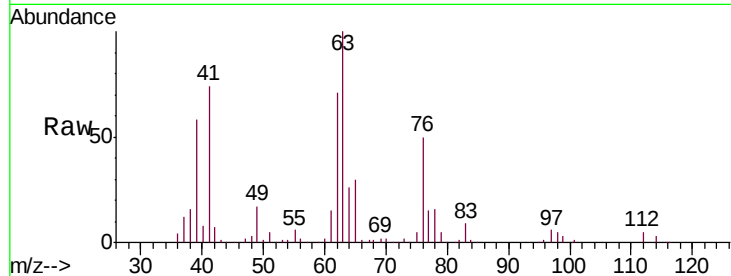
VSTDCCC050

Tgt Ion: 63 Resp: 89012

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.8



#46

Dibromomethane

Concen: 55.241 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

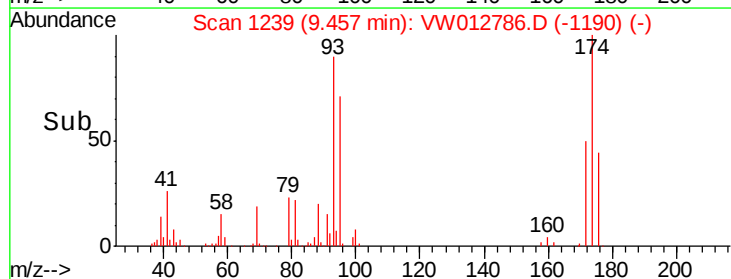
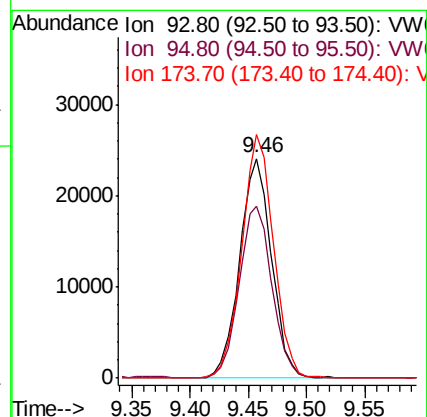
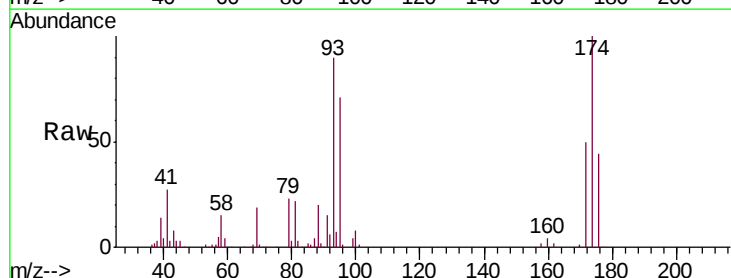
Tgt Ion: 93 Resp: 45964

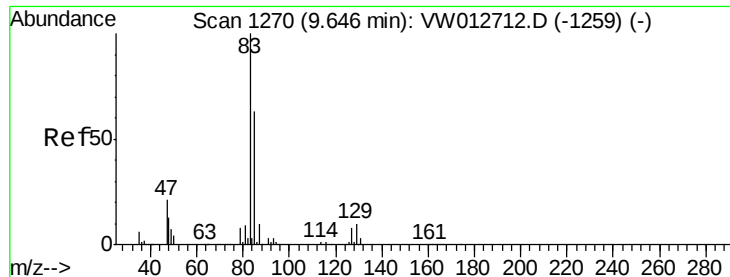
Ion Ratio Lower Upper

93 100

95 80.7 65.2 97.8

174 110.6 84.2 126.4





#47

Bromodichloromethane

Concen: 53.481 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

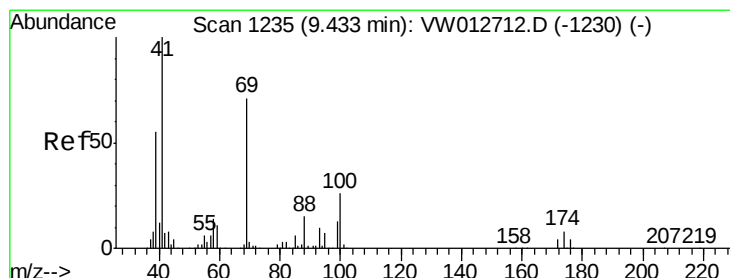
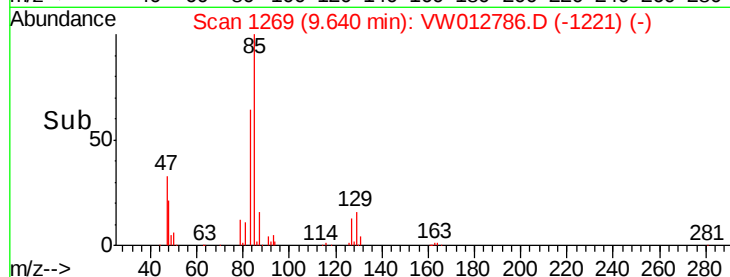
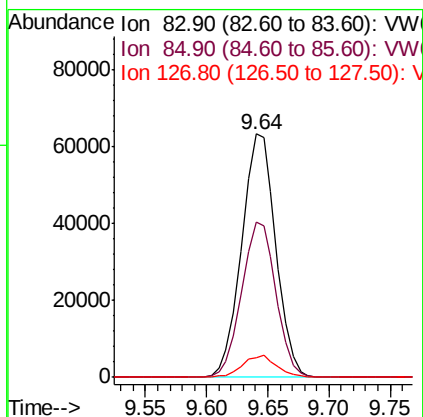
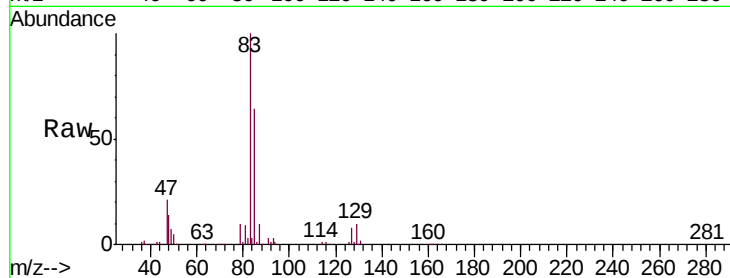
Tgt Ion: 83 Resp: 122428

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.2

127 8.0 6.6 9.8



#48

Methyl methacrylate

Concen: 55.316 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

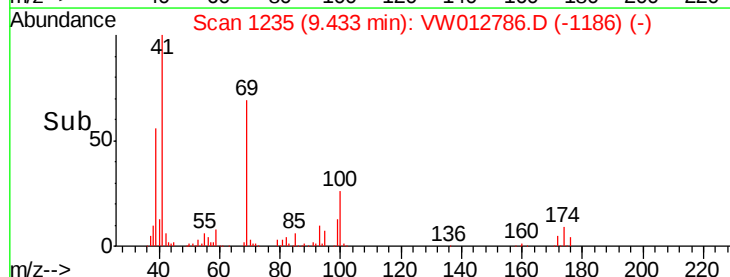
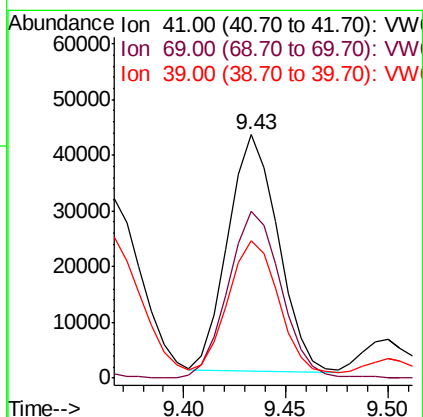
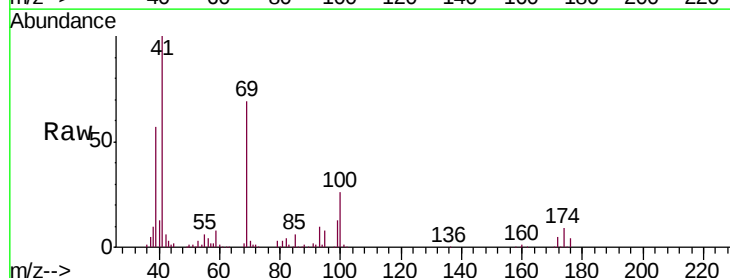
Tgt Ion: 41 Resp: 72900

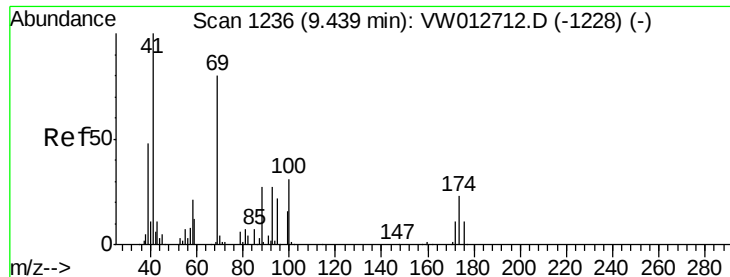
Ion Ratio Lower Upper

41 100

69 73.7 59.8 89.8

39 60.6 47.0 70.6





#49

1,4-Dioxane

Concen: 1117.636 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

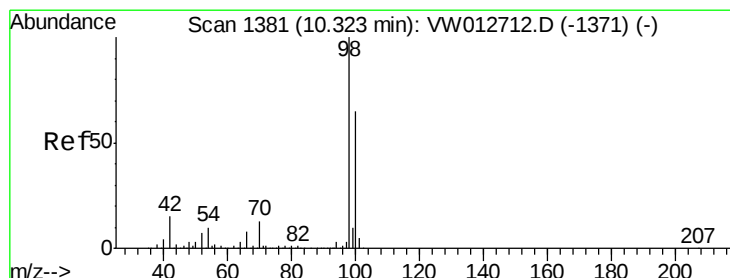
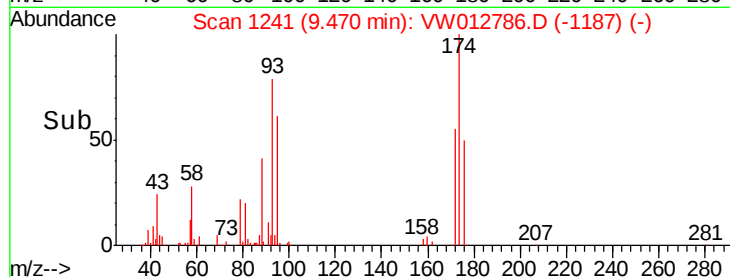
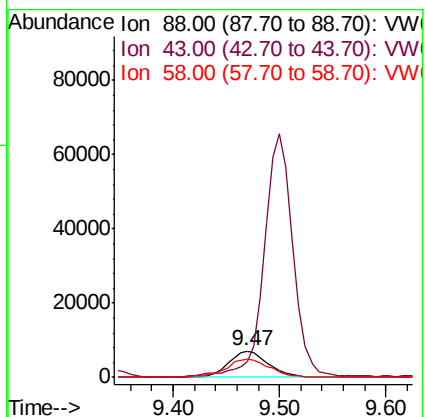
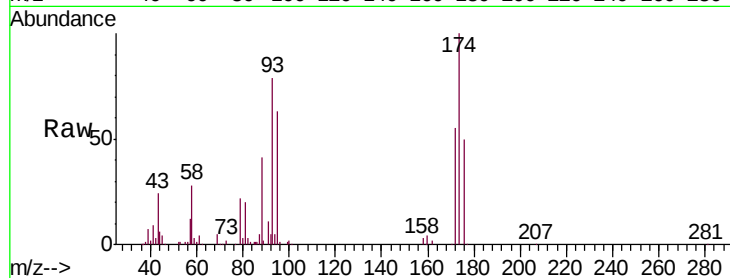
Tgt Ion: 88 Resp: 18369

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

58 76.2 64.1 96.1



#50

Toluene-d8

Concen: 47.337 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012786.D

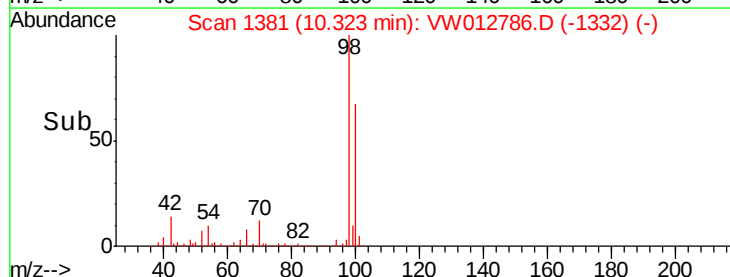
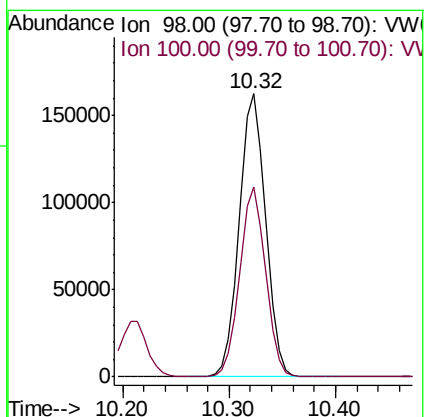
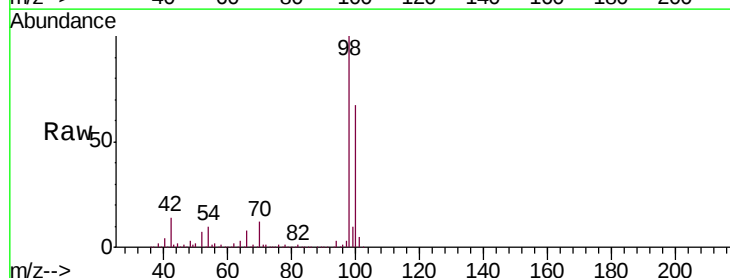
Acq: 08 Sep 2019 23:04

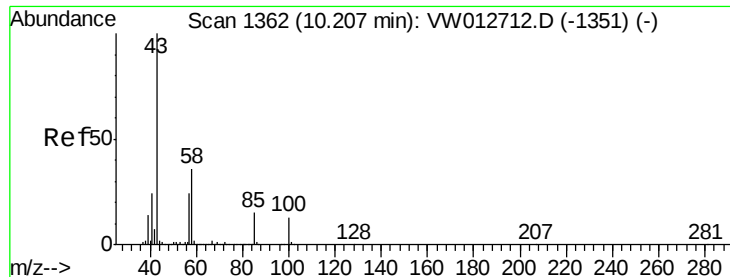
Tgt Ion: 98 Resp: 283351

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4

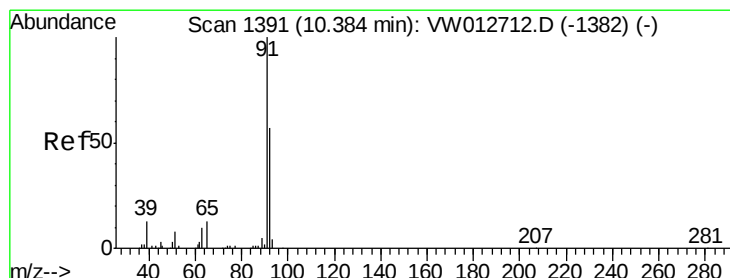
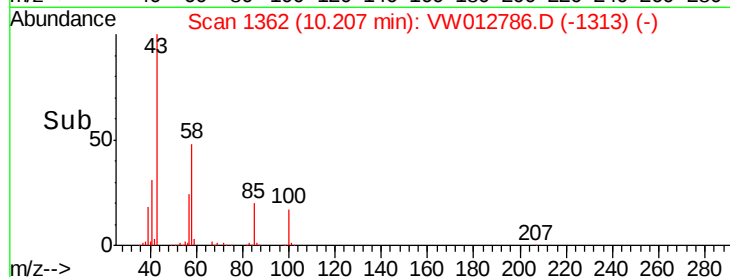
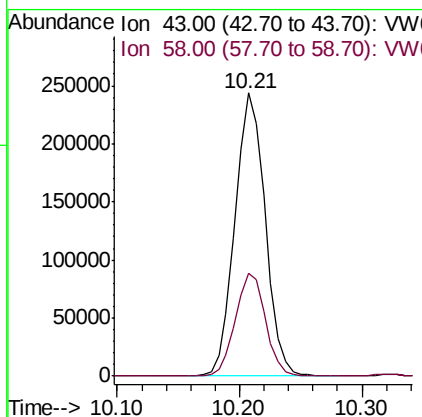
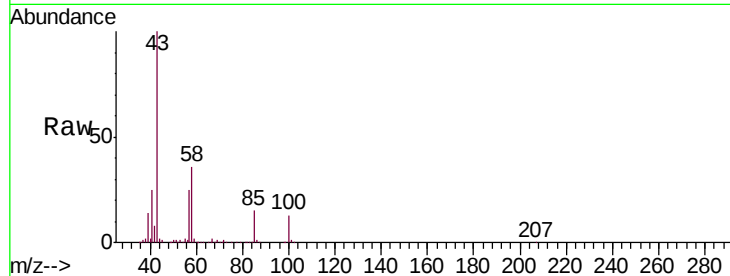




#51
 4-Methyl-2-Pentanone
 Concen: 288.902 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

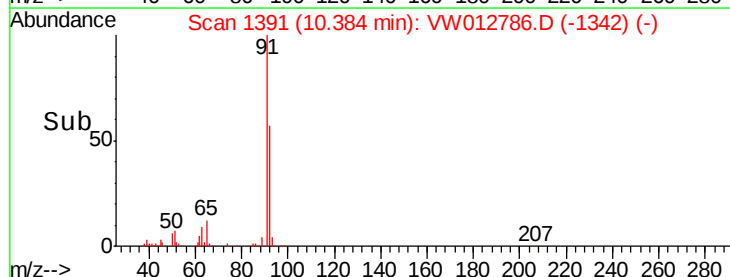
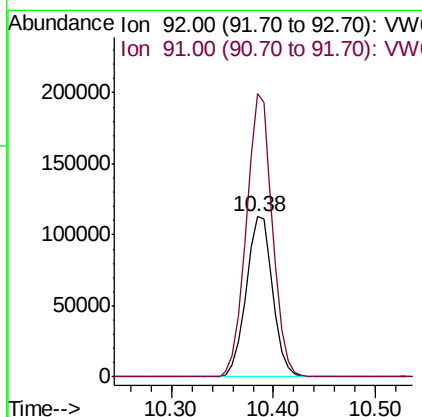
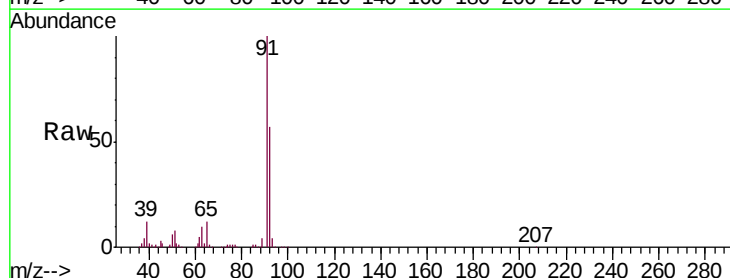
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

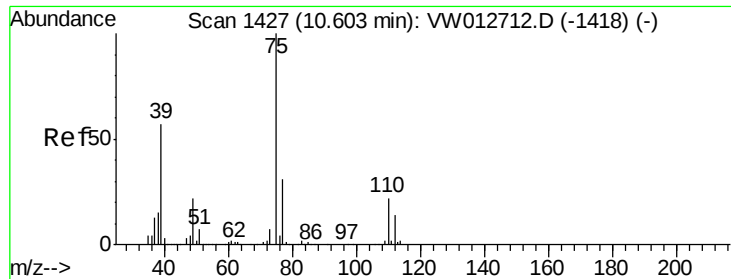
Tgt Ion: 43 Resp: 418058
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.4 42.6



#52
 Toluene
 Concen: 51.361 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 92 Resp: 203088
 Ion Ratio Lower Upper
 92 100
 91 174.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.877 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

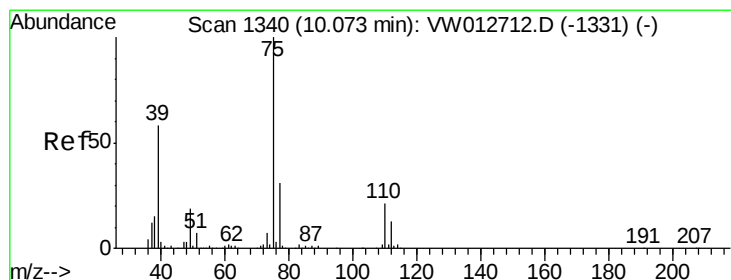
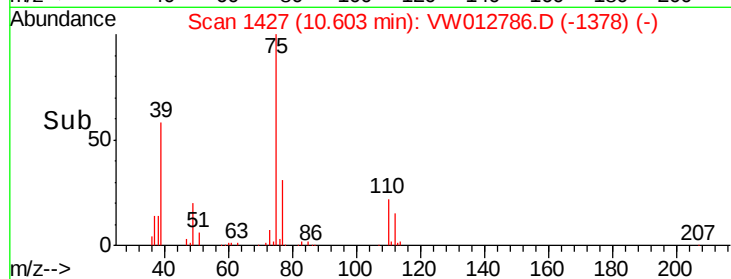
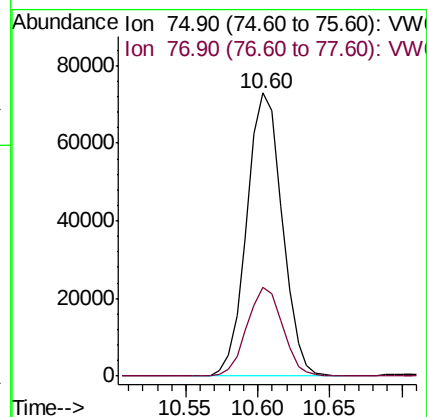
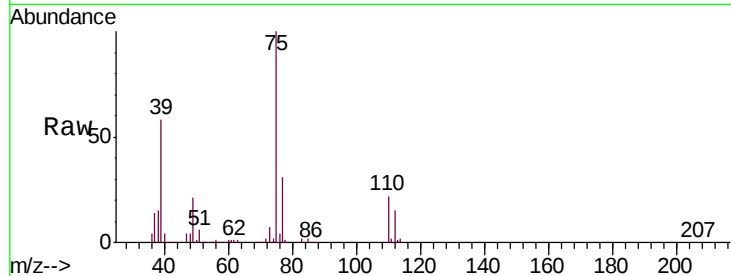
VSTDCCC050

Tgt Ion: 75 Resp: 124468

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 51.249 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

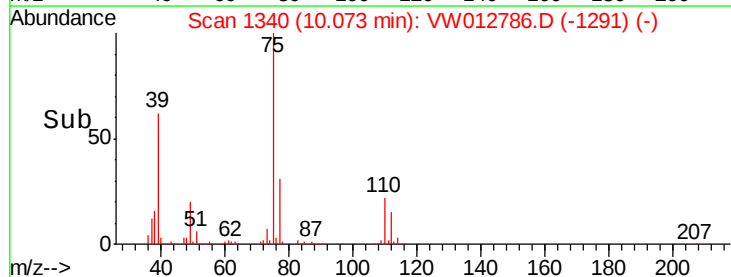
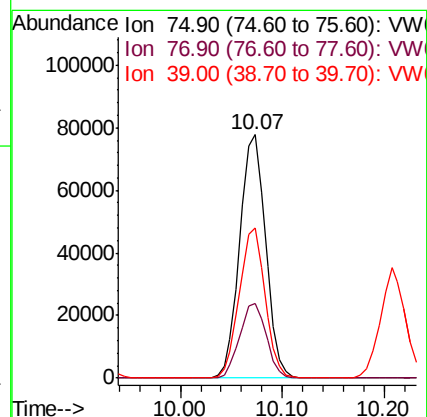
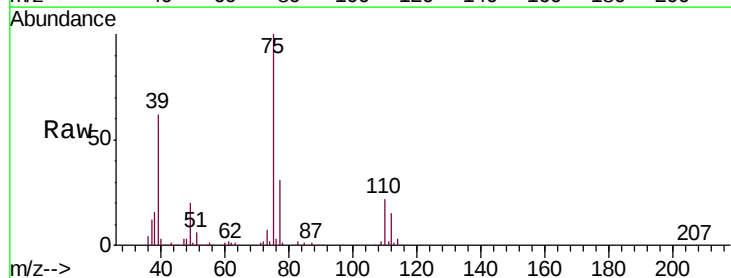
Tgt Ion: 75 Resp: 136851

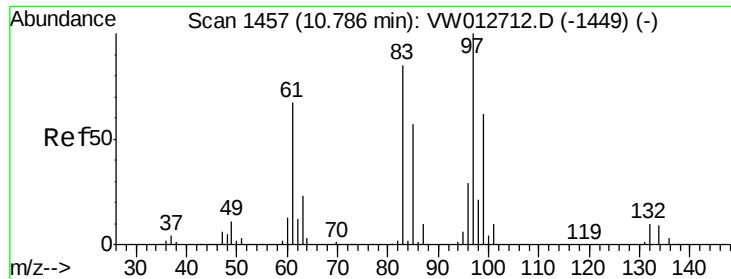
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 61.7 46.3 69.5

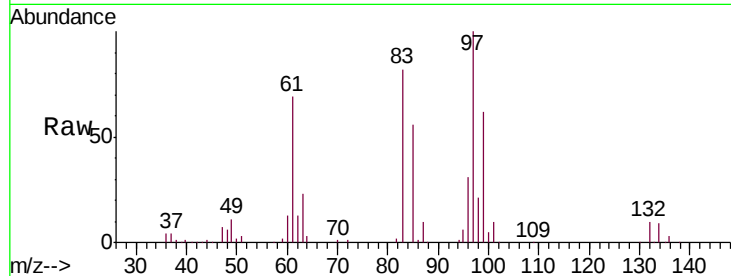




#55
 1,1,2-Trichloroethane
 Concen: 55.376 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	68982
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	55.9	45.3	67.9
99	61.6	50.0	75.0



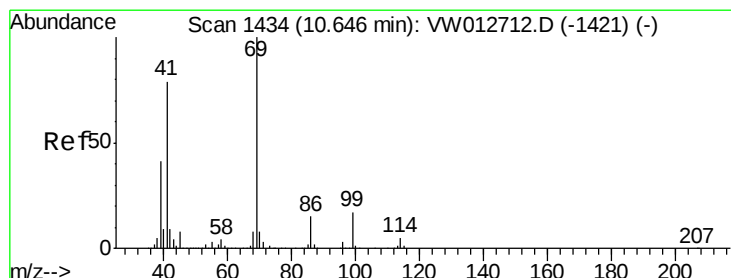
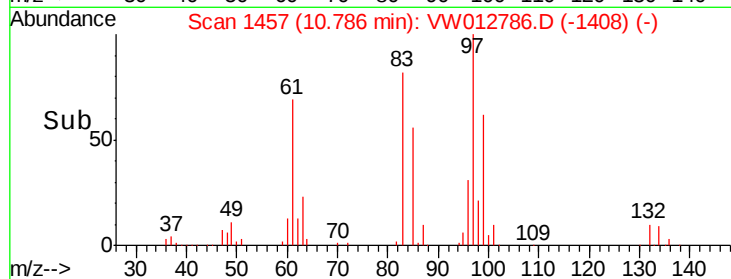
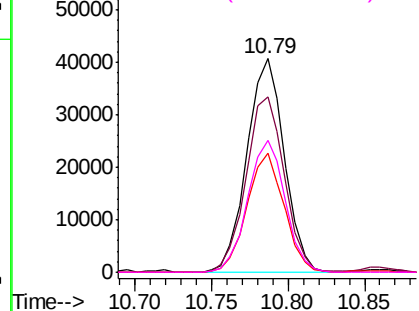
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

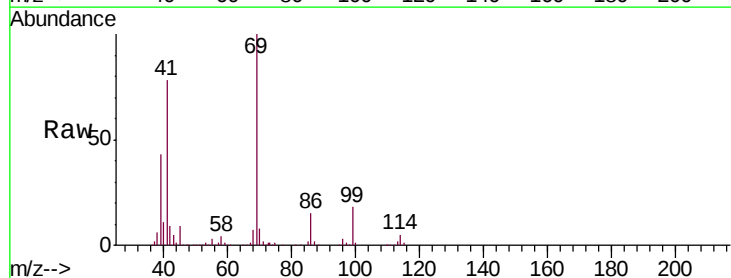
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 56.789 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion:	69	Resp:	103551
Ion	Ratio	Lower	Upper
69	100		
41	78.4	64.4	96.6
39	38.6	31.1	46.7

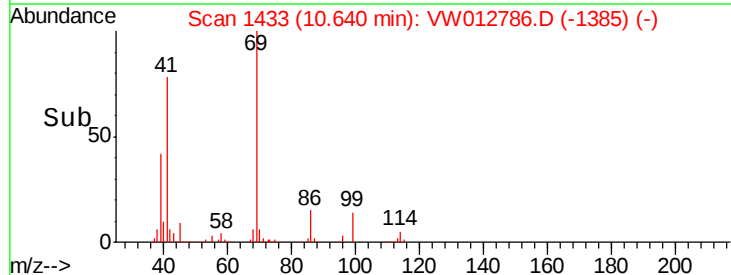
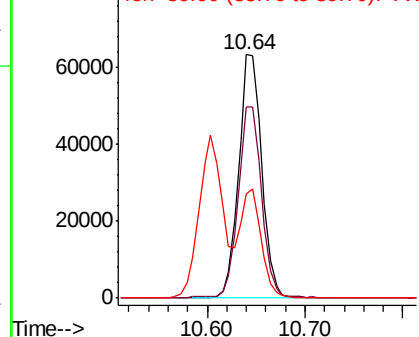


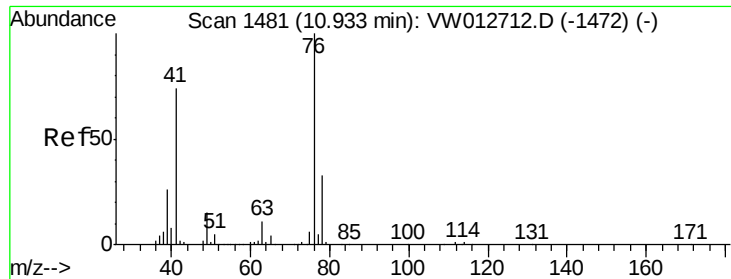
Abundance

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

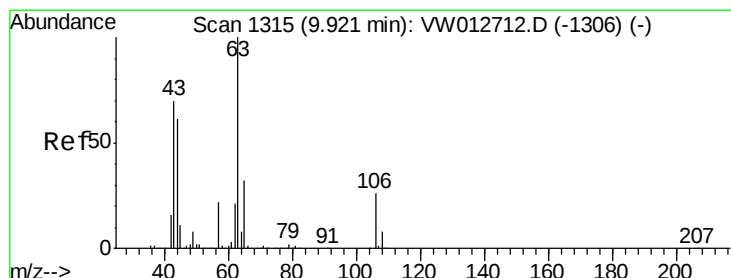
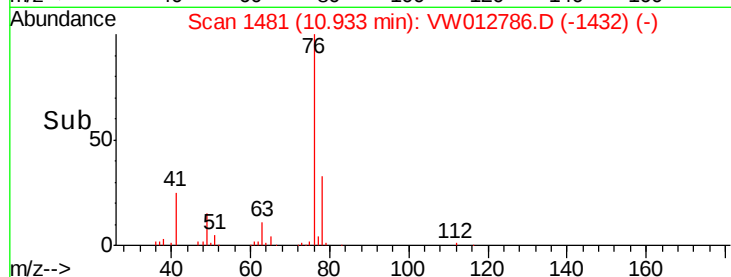
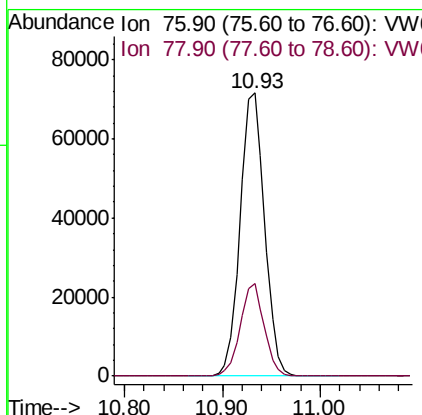
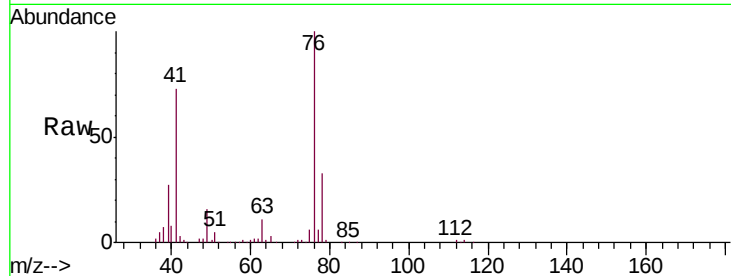




#57
 1,3-Dichloropropane
 Concen: 53.901 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

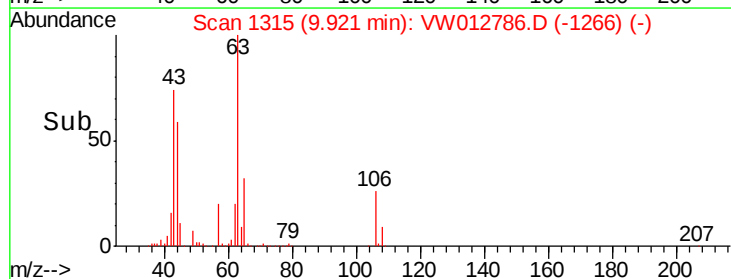
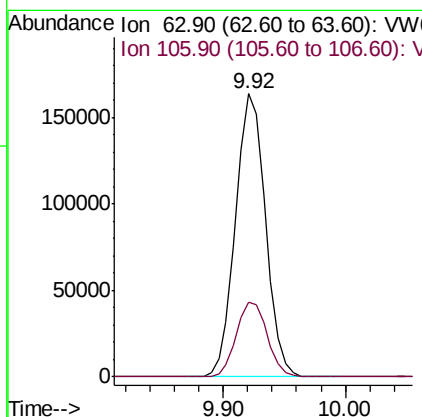
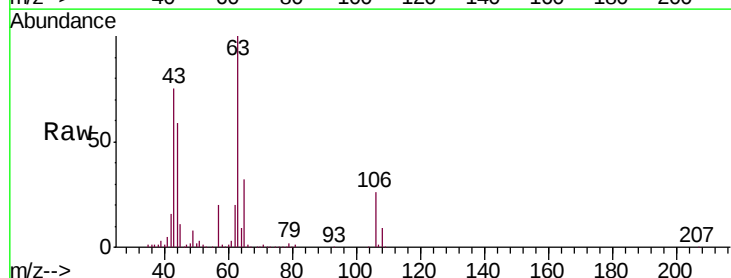
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

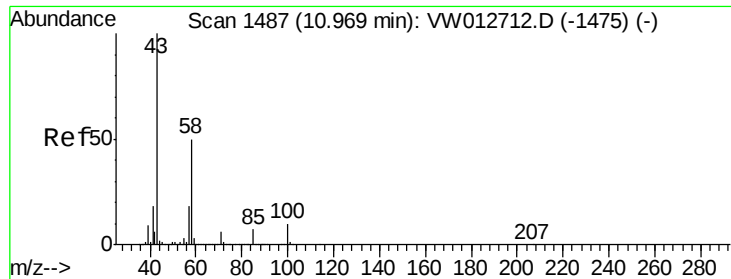
Tgt Ion: 76 Resp: 124215
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.056 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 63 Resp: 277880
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.5 30.7

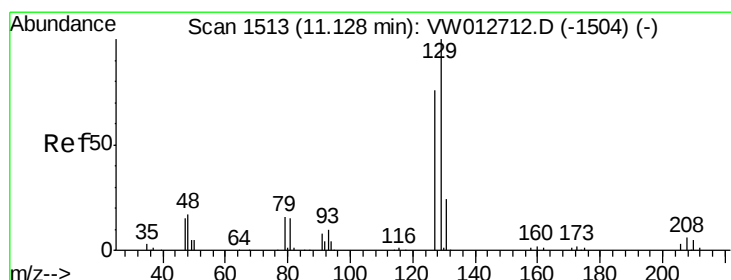
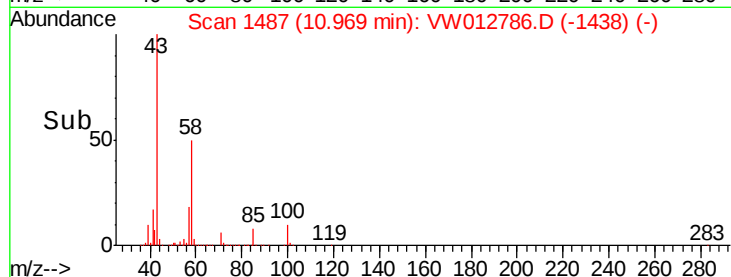
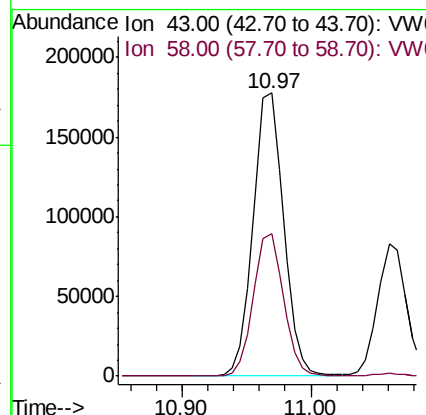
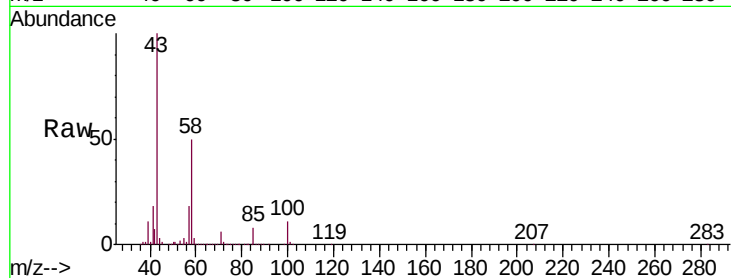




#59
2-Hexanone
Concen: 275.651 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

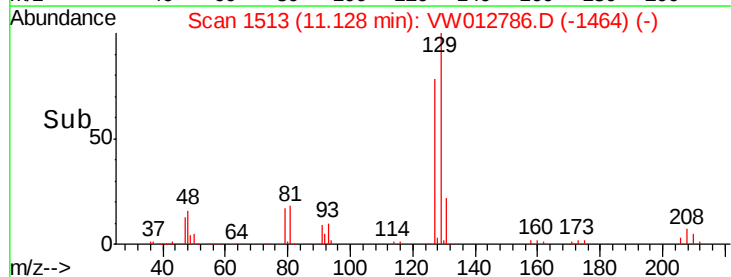
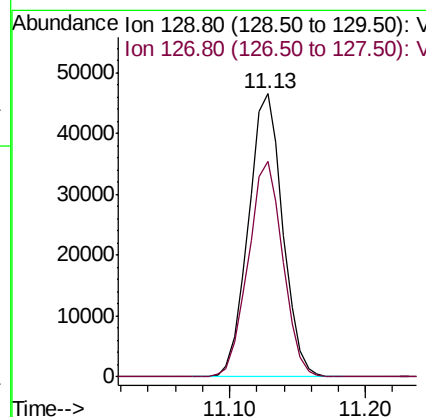
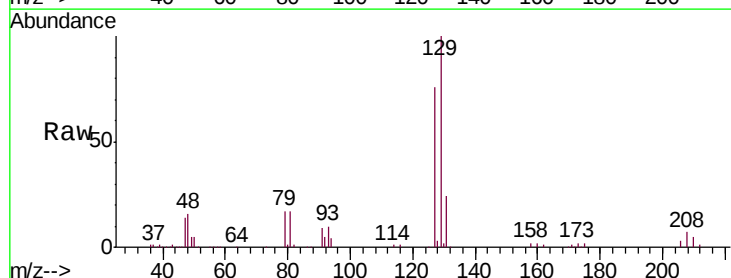
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

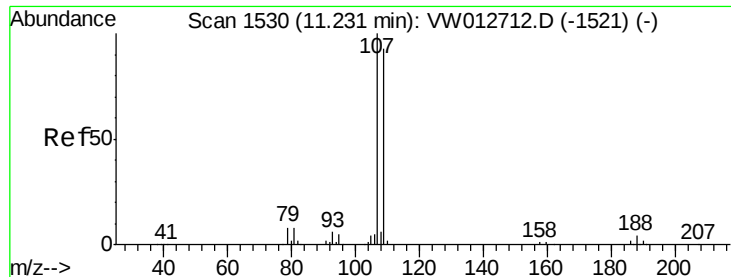
Tgt Ion: 43 Resp: 291417
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1



#60
Dibromochloromethane
Concen: 56.094 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 129 Resp: 82180
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

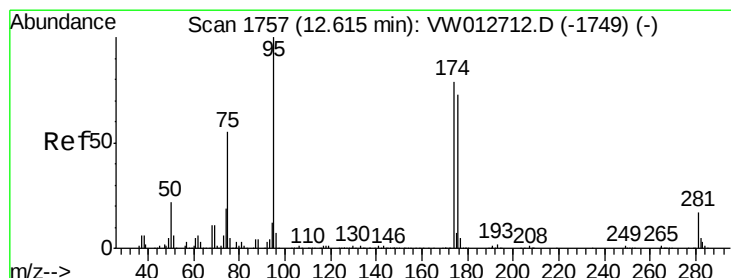
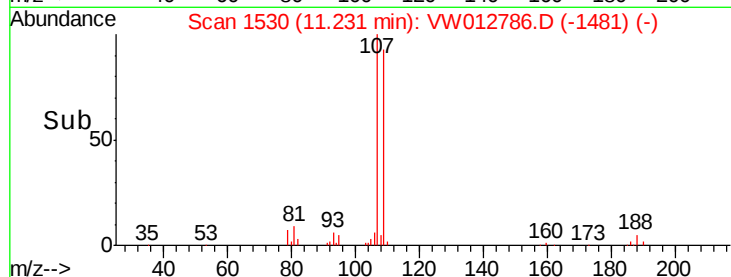
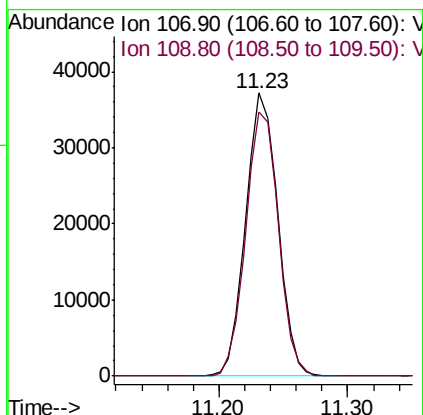
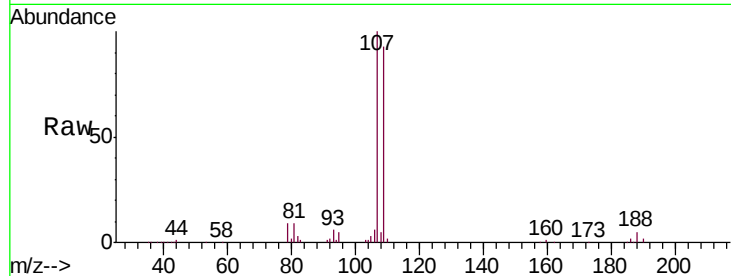




#61
 1,2-Dibromoethane
 Concen: 56.105 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

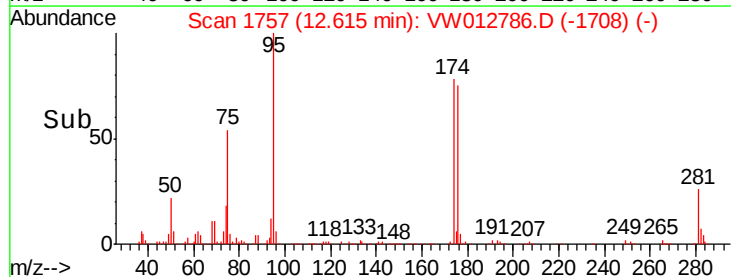
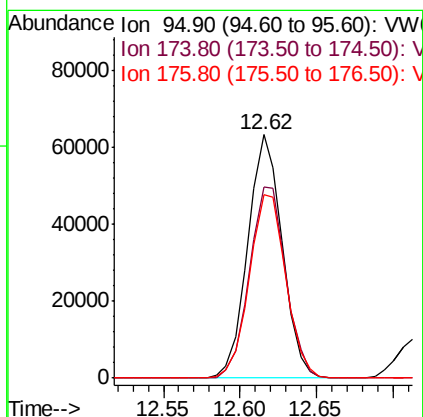
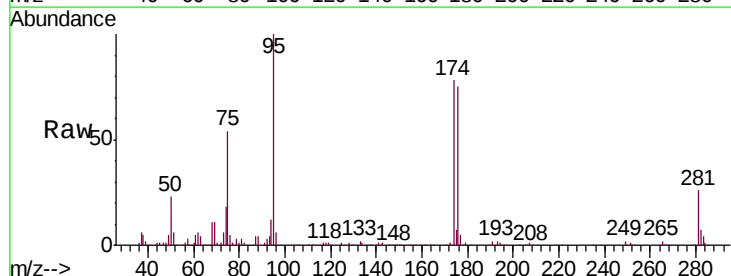
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

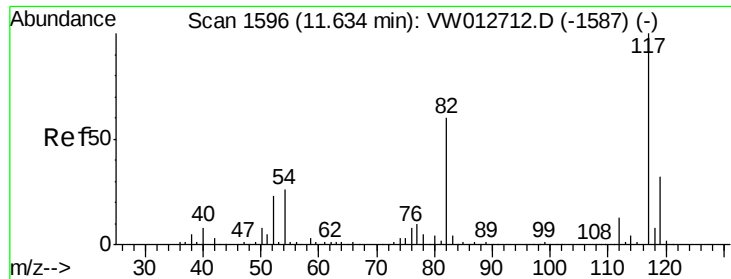
Tgt Ion: 107 Resp: 64075
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.529 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 95 Resp: 98935
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 161.0
 176 80.4 0.0 156.4

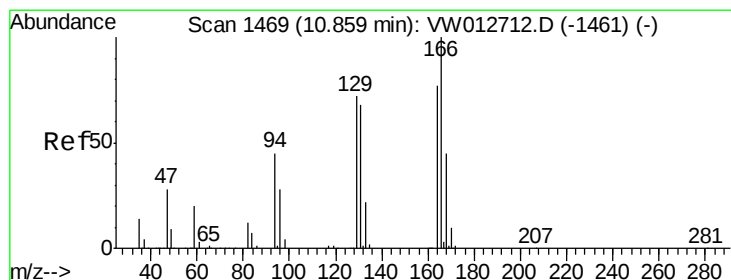
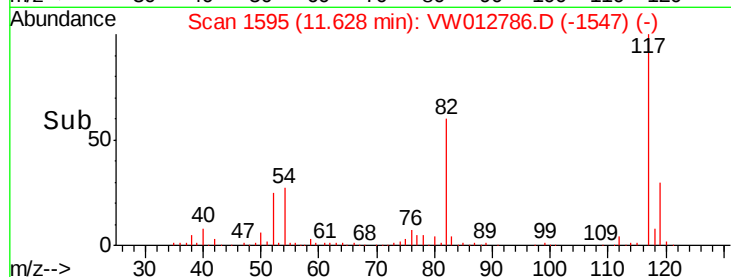
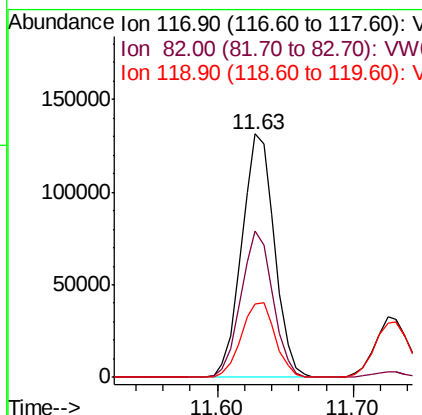
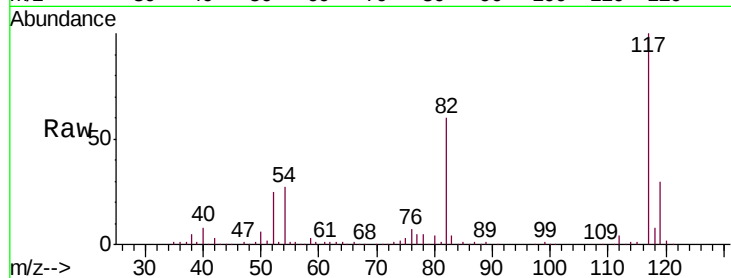




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

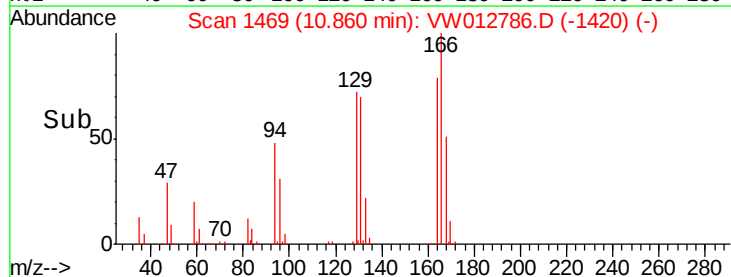
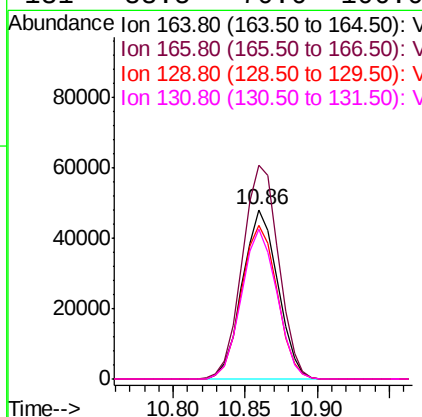
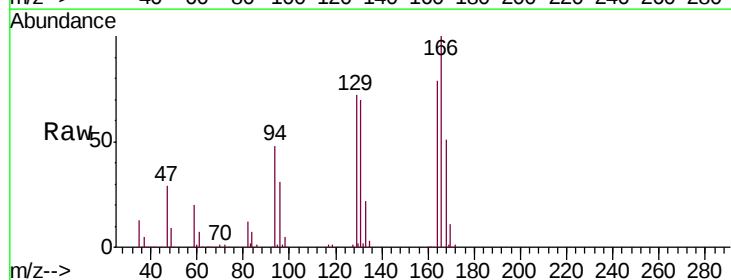
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

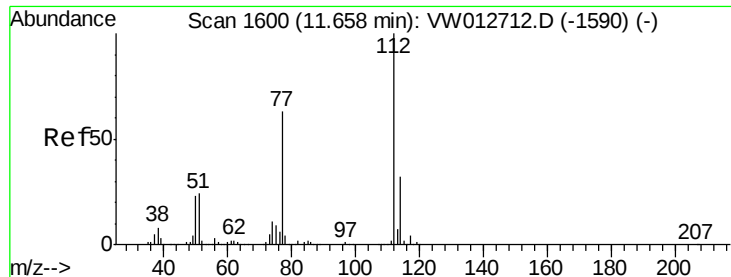
Tgt Ion:117 Resp: 220555
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 30.3 25.8 38.6



#64
Tetrachloroethene
Concen: 61.256 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion:164 Resp: 81977
Ion Ratio Lower Upper
164 100
166 126.1 103.6 155.4
129 90.4 74.6 112.0
131 88.5 70.6 106.0





#65

Chlorobenzene

Concen: 52.204 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

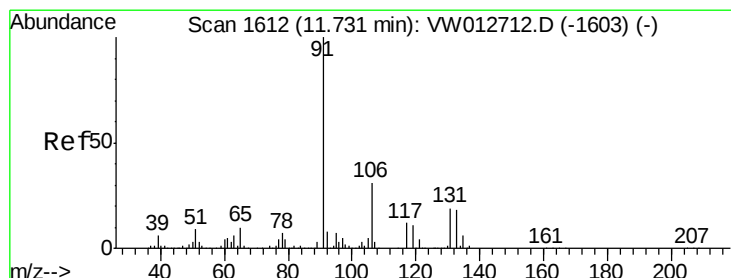
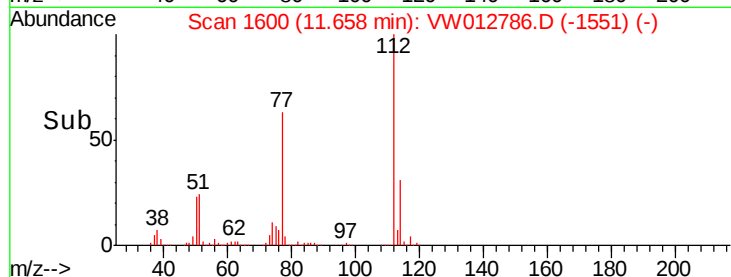
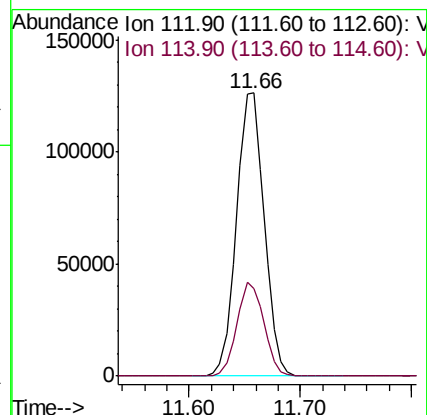
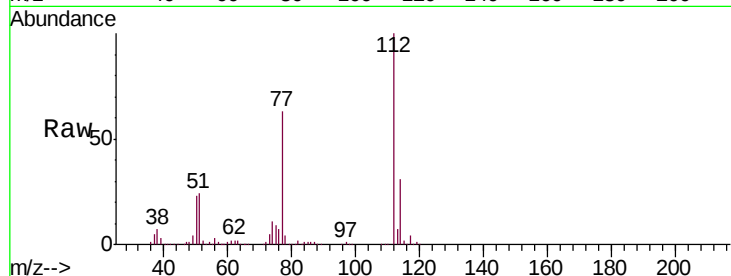
VSTDCCC050

Tgt Ion:112 Resp: 217618

Ion Ratio Lower Upper

112 100

114 30.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 54.917 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

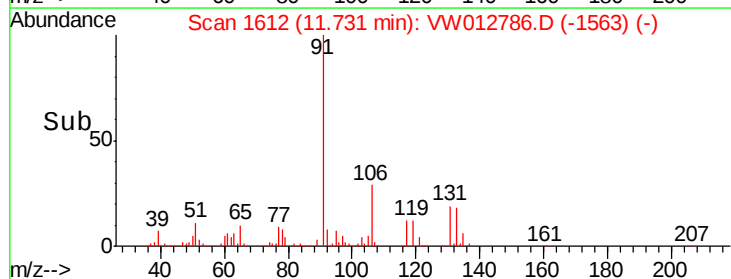
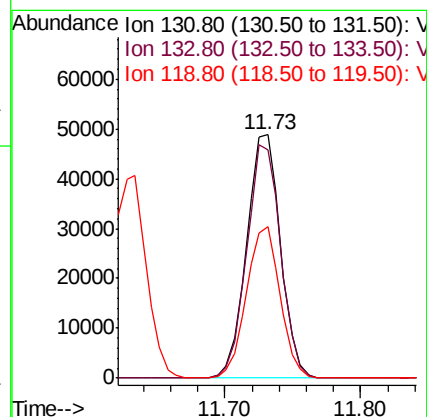
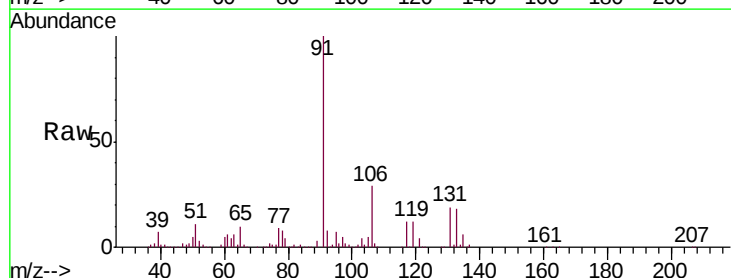
Tgt Ion:131 Resp: 85253

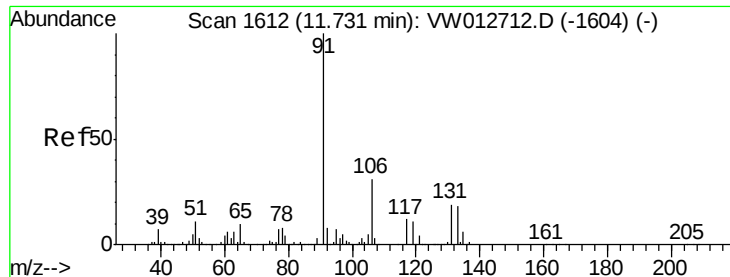
Ion Ratio Lower Upper

131 100

133 95.9 47.6 142.8

119 61.6 30.6 92.0

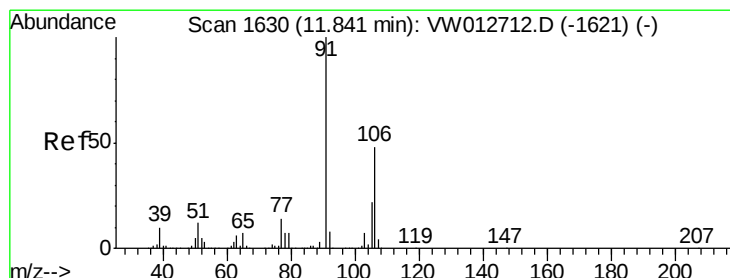
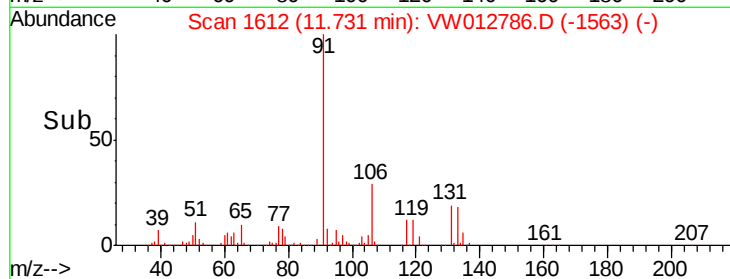
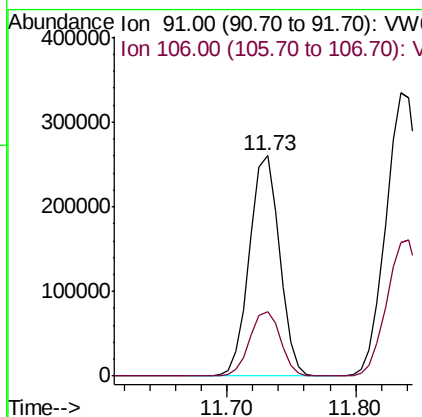
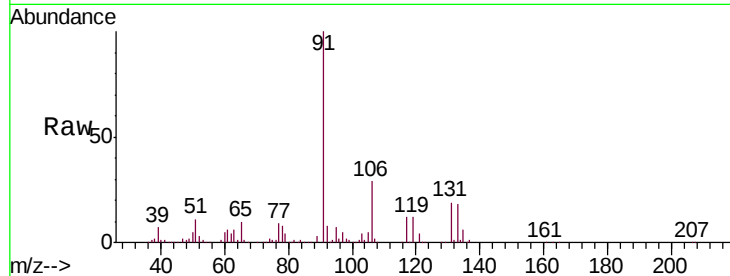




#67
Ethyl Benzene
Concen: 53.683 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

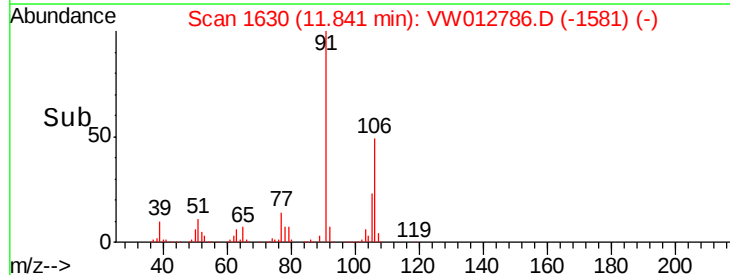
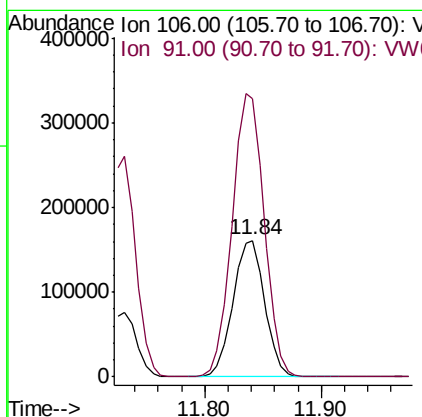
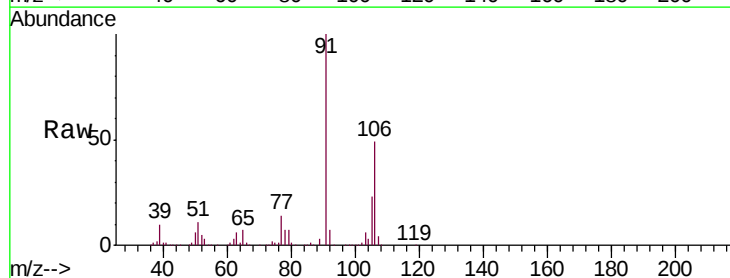
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

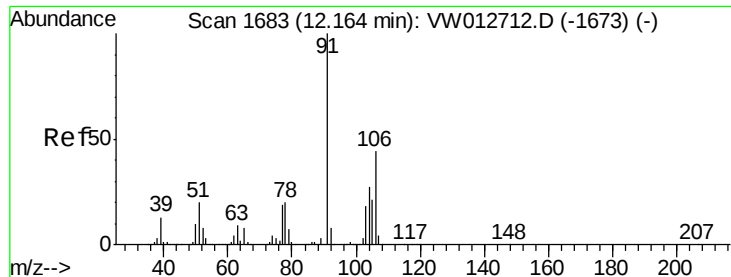
Tgt Ion: 91 Resp: 419867
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 108.495 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 106 Resp: 306294
Ion Ratio Lower Upper
106 100
91 208.8 168.2 252.4

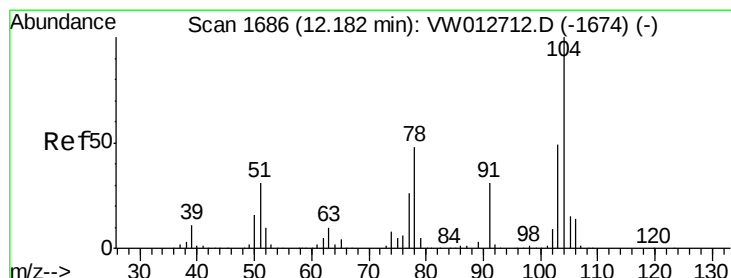
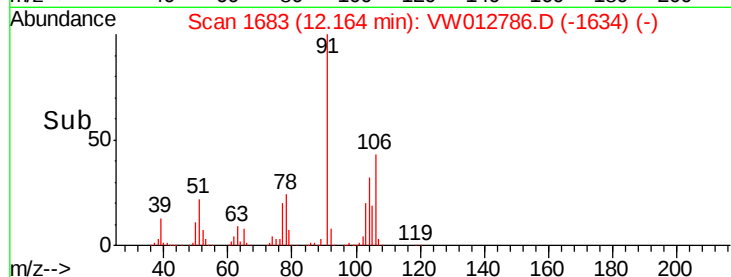
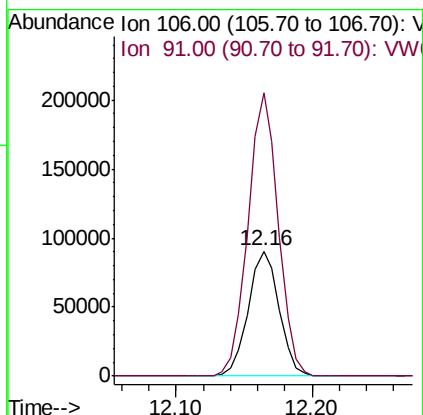
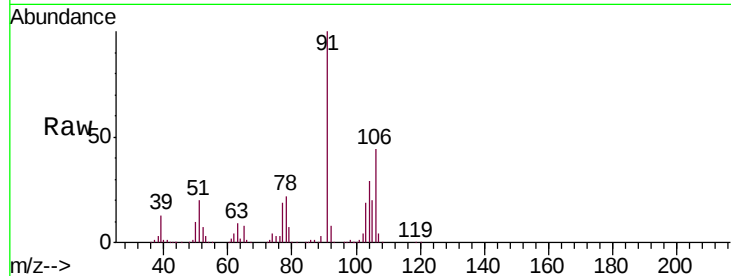




#69
o-Xylene
Concen: 54.122 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

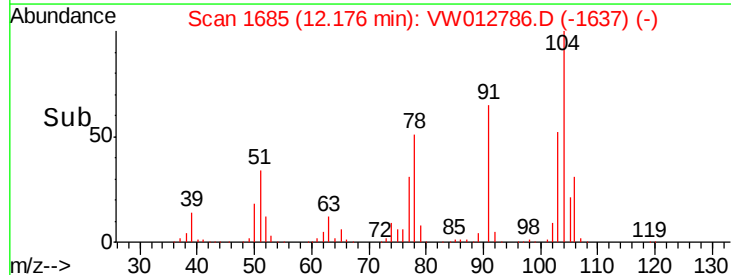
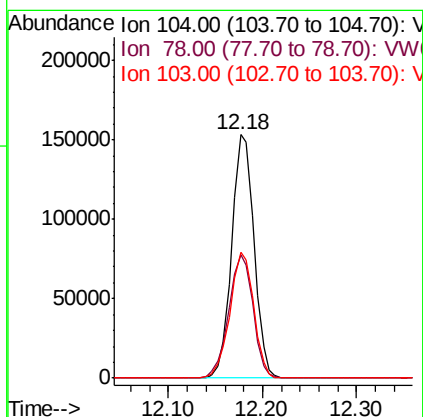
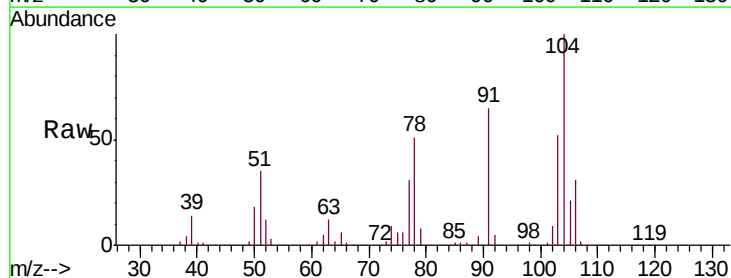
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

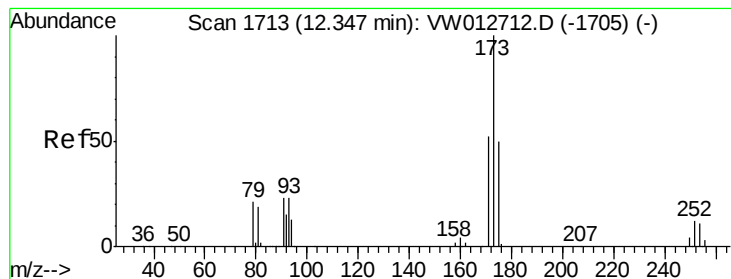
Tgt Ion:106 Resp: 144148
Ion Ratio Lower Upper
106 100
91 221.4 112.3 336.8



#70
Styrene
Concen: 53.696 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion:104 Resp: 252715
Ion Ratio Lower Upper
104 100
78 54.9 43.3 64.9
103 55.0 44.0 66.0





#71

Bromoform

Concen: 59.144 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

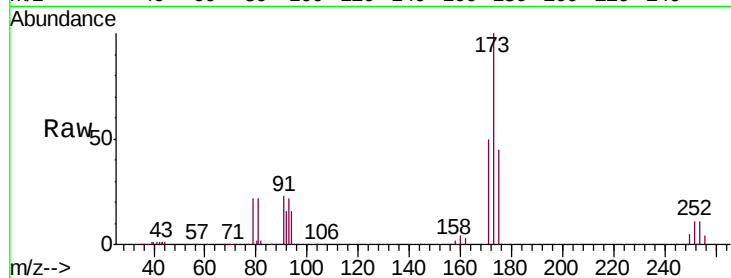
Tgt Ion:173 Resp: 51011

Ion Ratio Lower Upper

173 100

175 49.8 24.8 74.3

254 0.0 0.1 0.1#

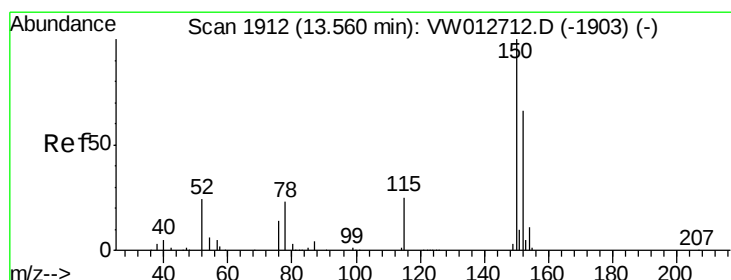
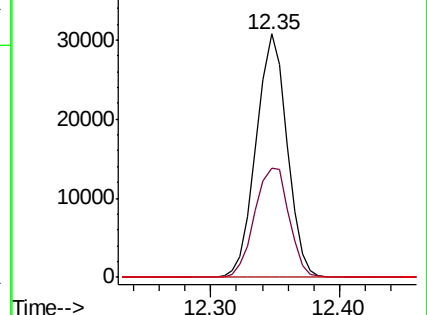
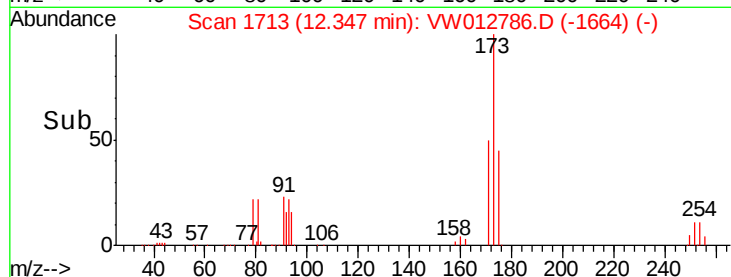


Abundance

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: VW012786.D

Acq: 08 Sep 2019 23:04

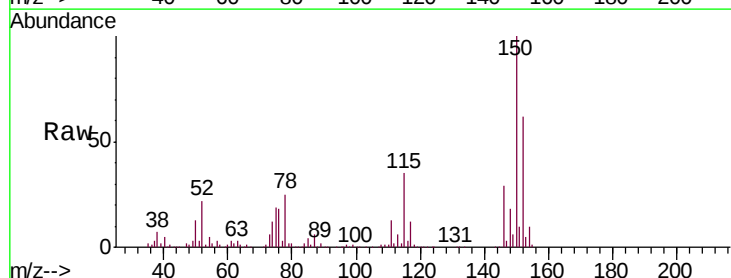
Tgt Ion:152 Resp: 110369

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.1

150 173.3 0.0 349.0

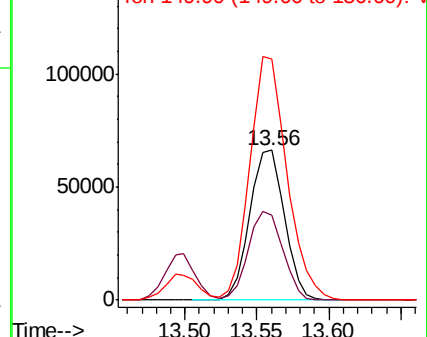
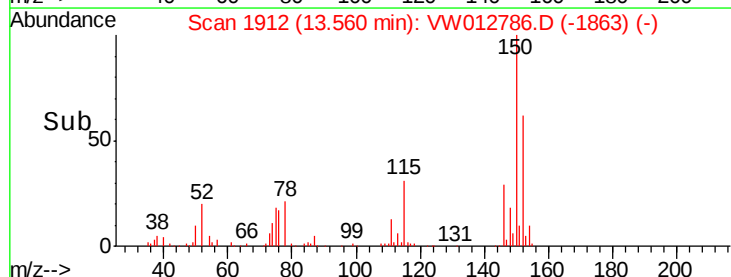


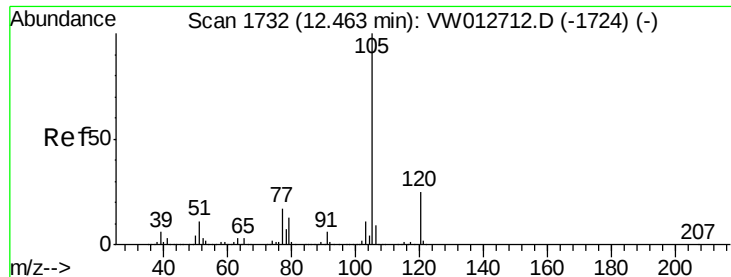
Abundance

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: 53.313 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

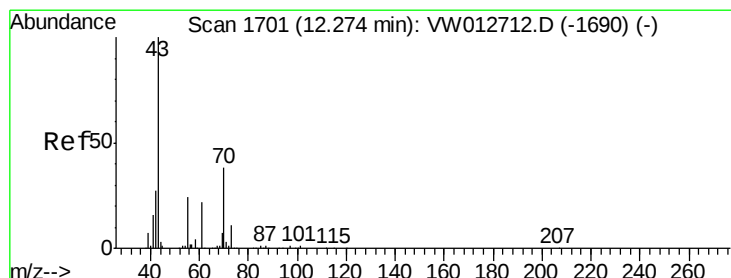
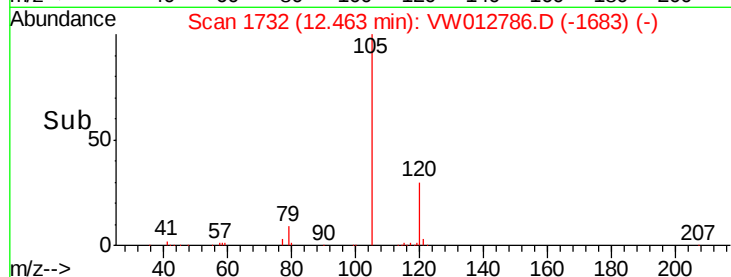
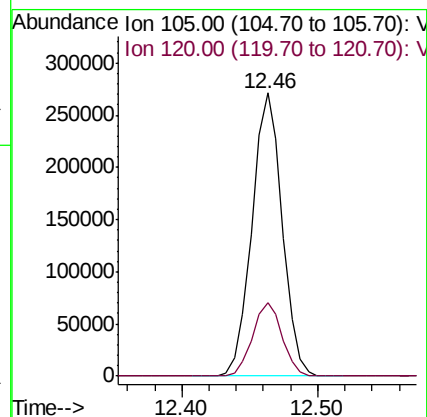
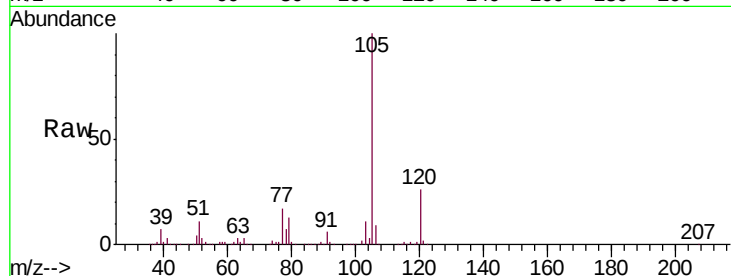
VSTDCCC050

Tgt Ion: 105 Resp: 422025

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#74

N-ethyl acetate

Concen: 54.680 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Tgt Ion: 43 Resp: 137391

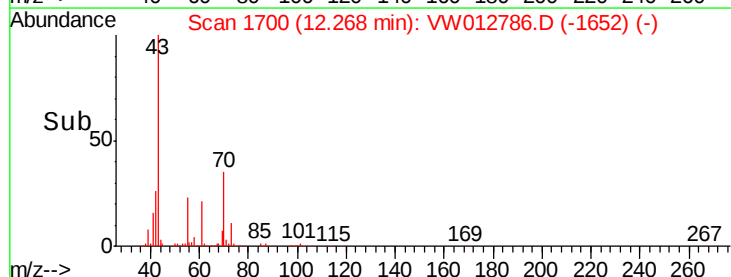
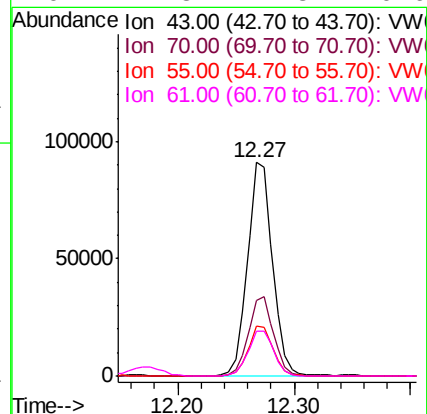
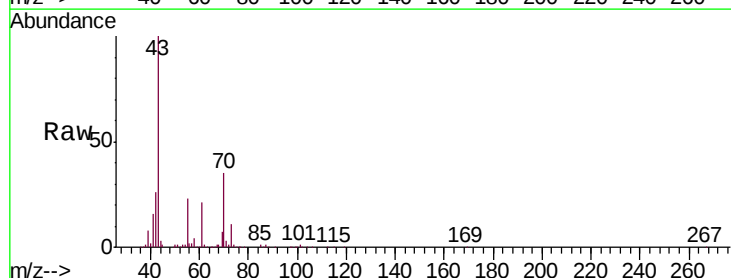
Ion Ratio Lower Upper

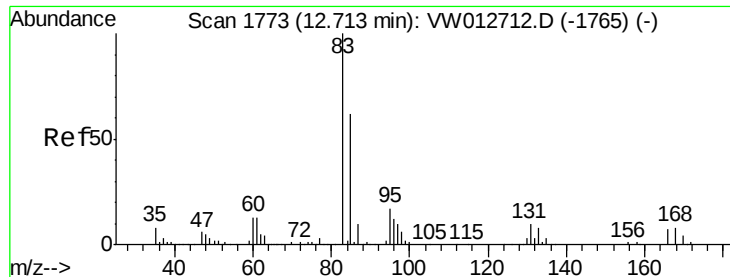
43 100

70 37.2 29.4 44.0

55 23.6 18.6 27.8

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.682 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

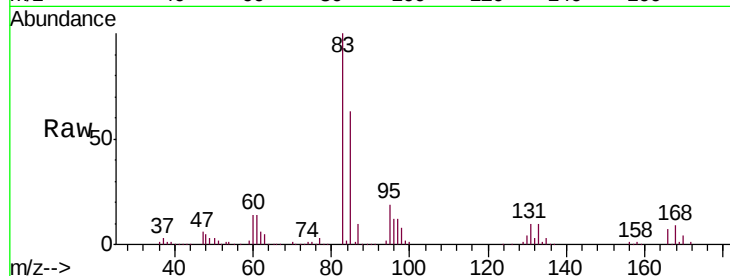
Tgt Ion: 83 Resp: 86931

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

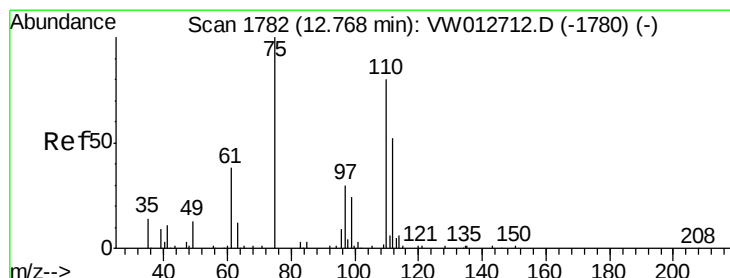
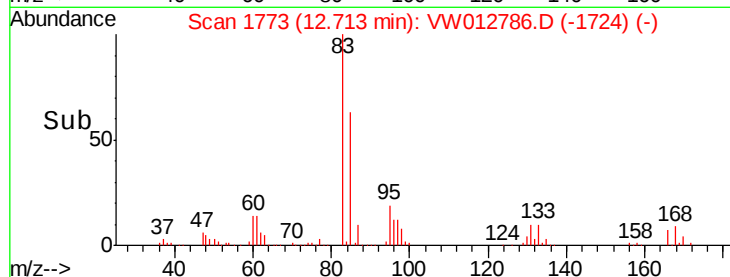
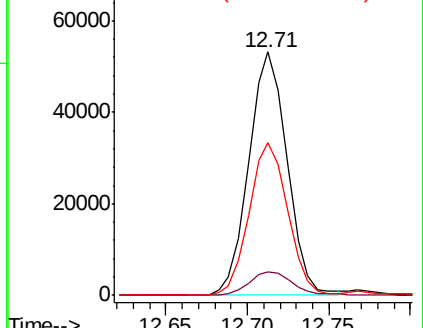
85 63.3 31.4 94.2



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: 103.143 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012786.D

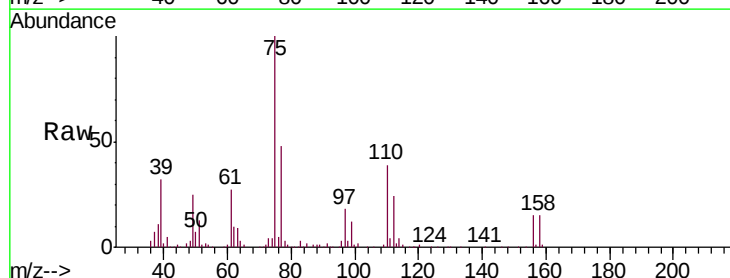
Acq: 08 Sep 2019 23:04

Tgt Ion: 75 Resp: 116404

Ion Ratio Lower Upper

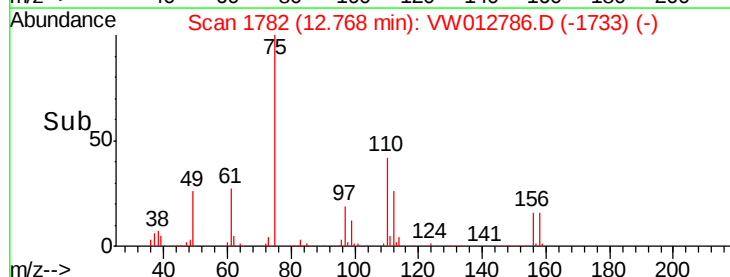
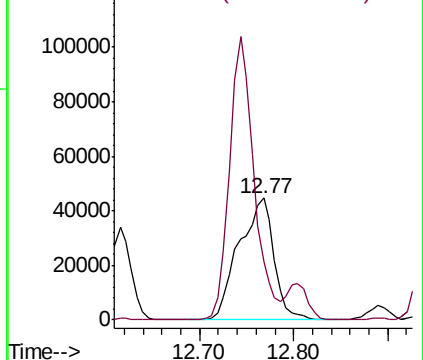
75 100

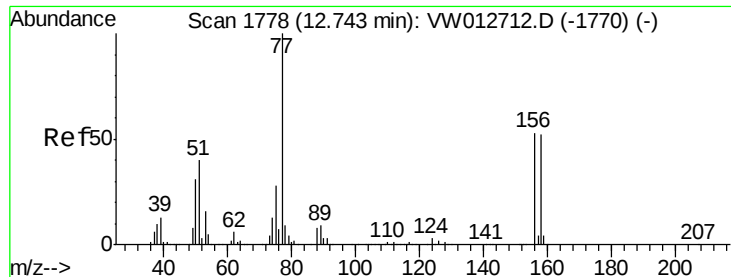
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.784 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

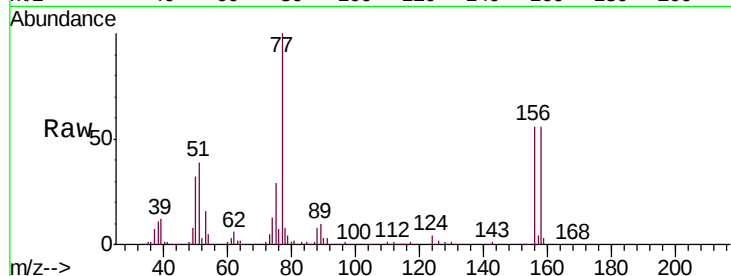
Tgt Ion:156 Resp: 94664

Ion Ratio Lower Upper

156 100

77 199.6 102.3 306.9

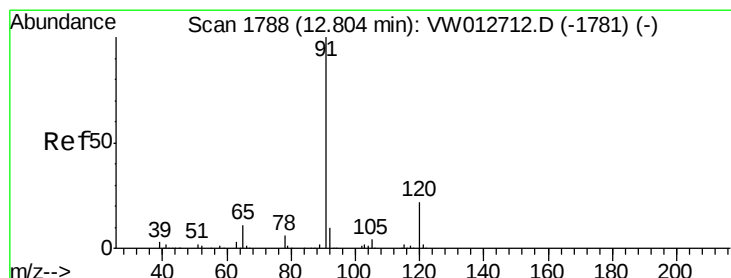
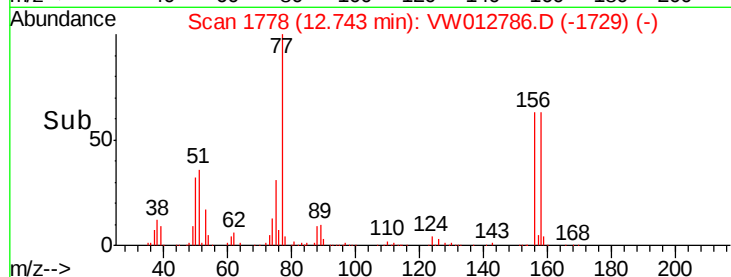
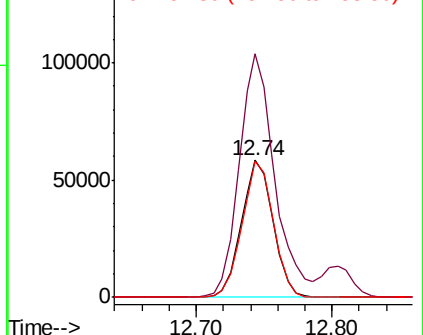
158 98.3 48.9 146.8



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: 52.621 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012786.D

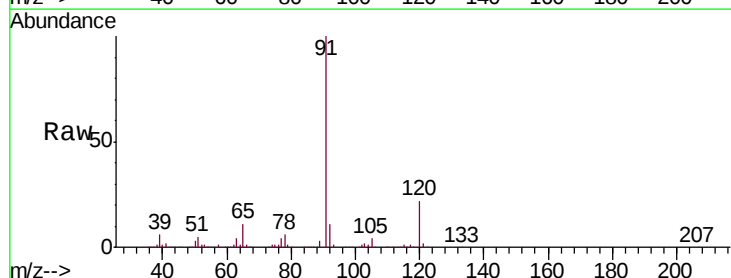
Acq: 08 Sep 2019 23:04

Tgt Ion: 91 Resp: 498192

Ion Ratio Lower Upper

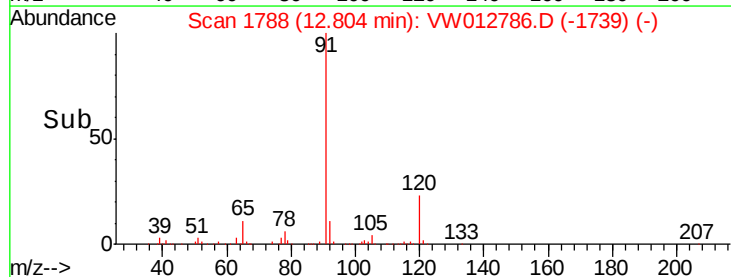
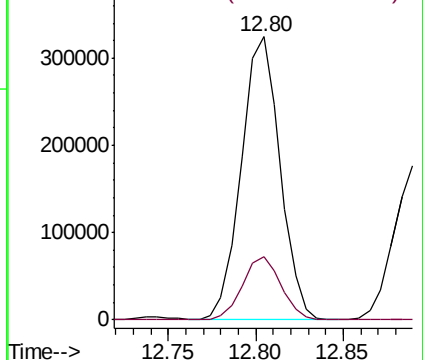
91 100

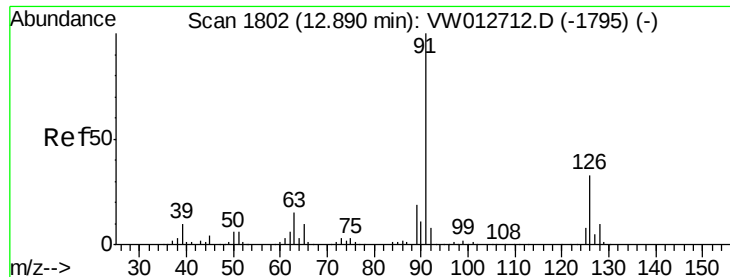
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

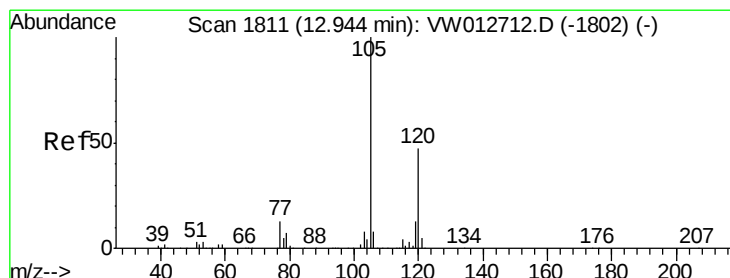
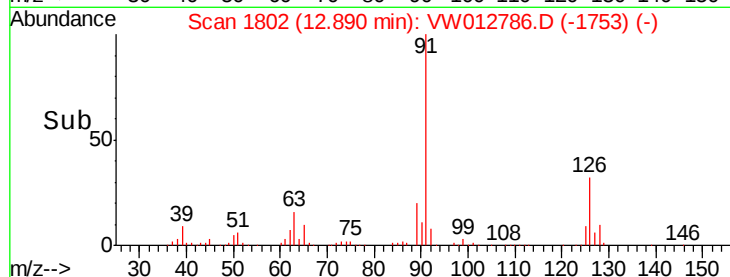
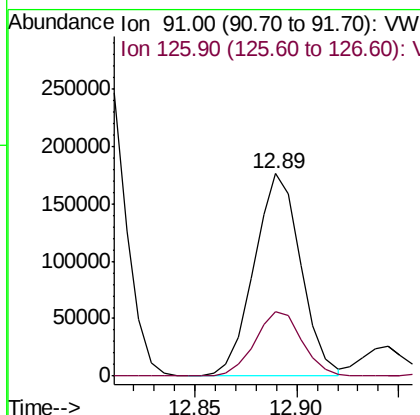
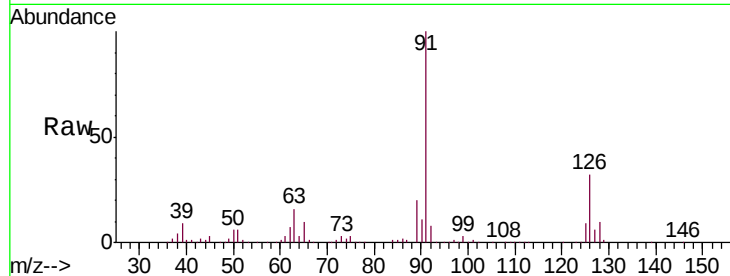




#79
 2-Chlorotoluene
 Concen: 51.550 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

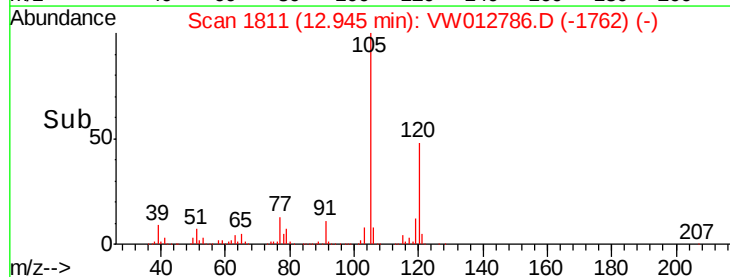
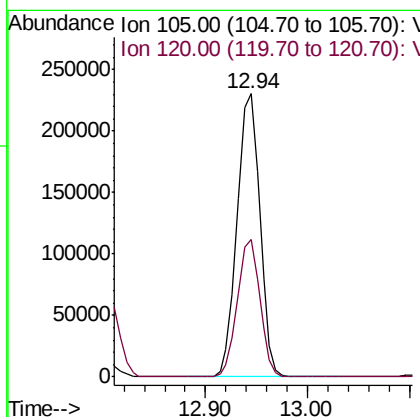
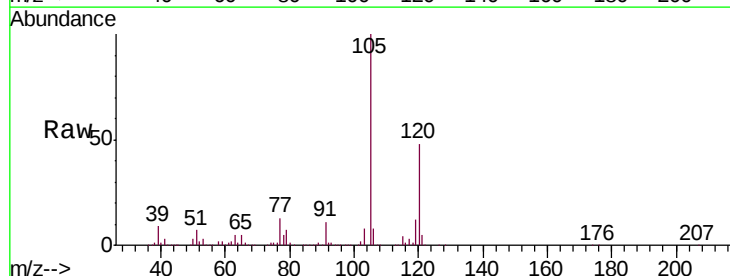
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

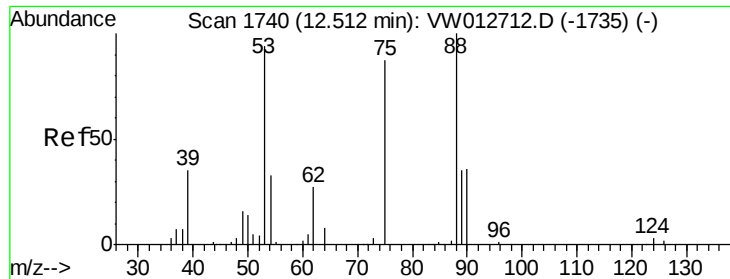
Tgt Ion: 91 Resp: 280175
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.265 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion: 105 Resp: 355296
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.9 71.8

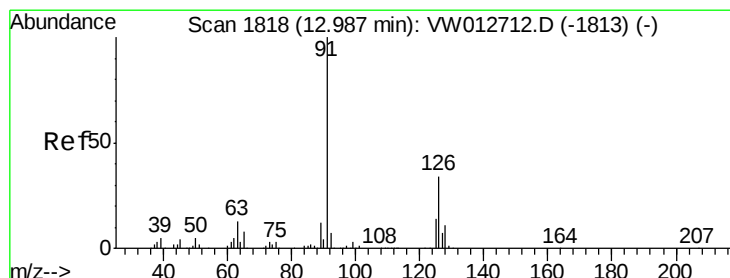
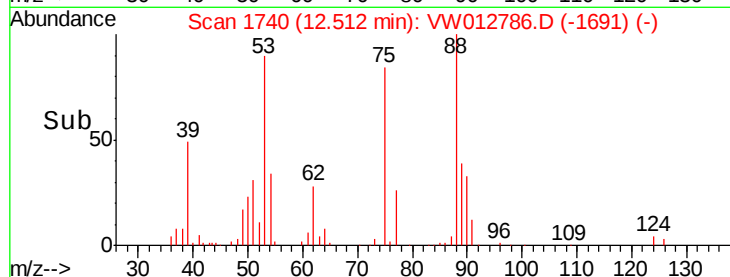
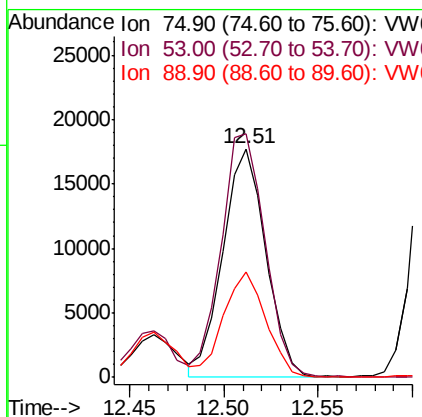
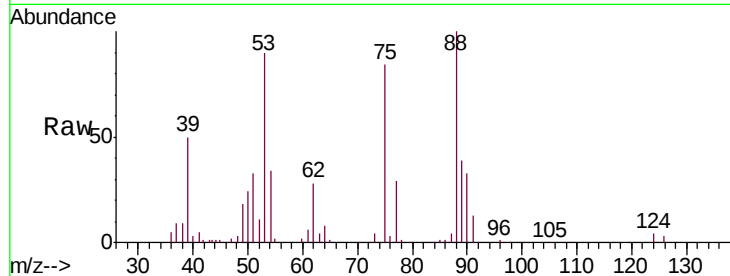




#81
trans-1,4-Dichloro-2-butene
Concen: 52.736 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

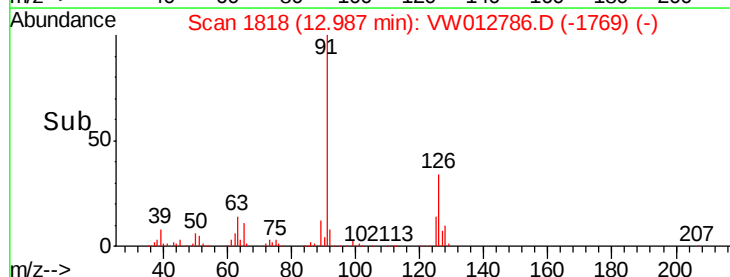
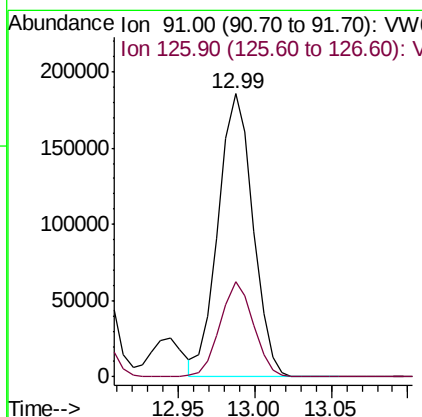
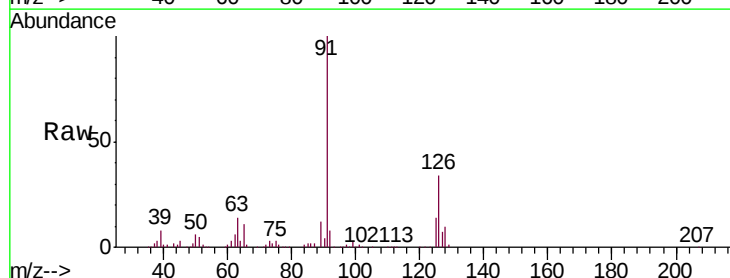
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

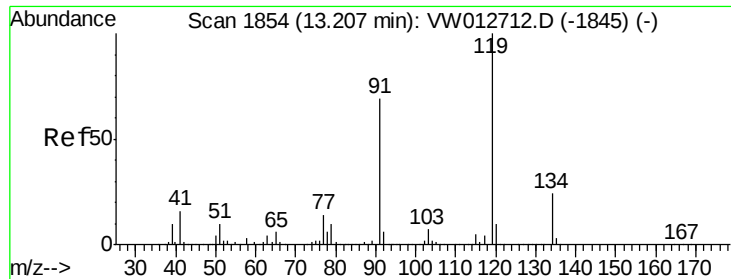
Tgt Ion: 75 Resp: 28139
Ion Ratio Lower Upper
75 100
53 108.8 87.6 131.4
89 45.6 35.5 53.3



#82
4-Chlorotoluene
Concen: 51.032 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion: 91 Resp: 293384
Ion Ratio Lower Upper
91 100
126 32.4 15.9 47.6

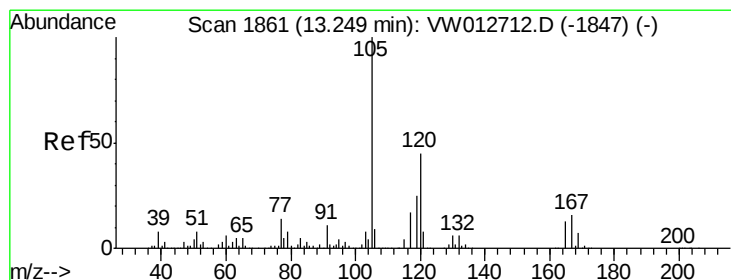
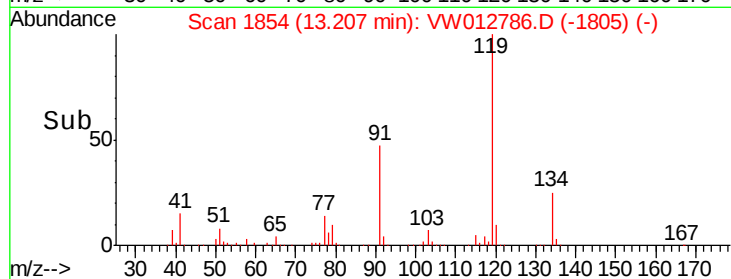
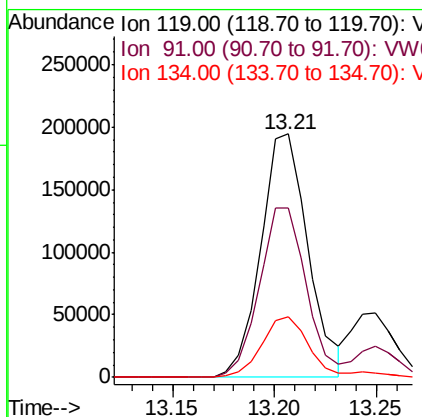
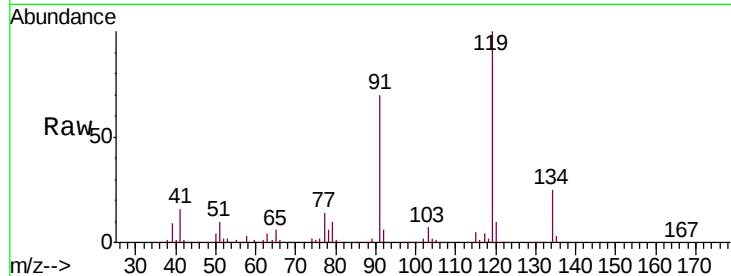




#83
 tert-Butylbenzene
 Concen: 53.537 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

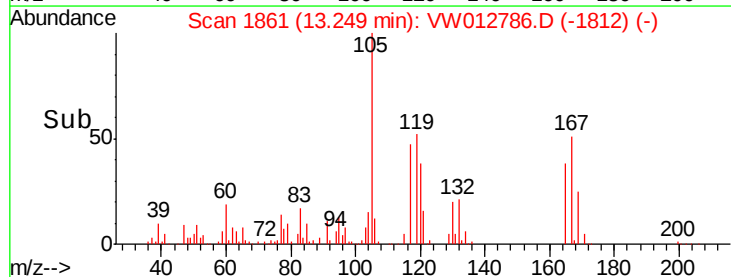
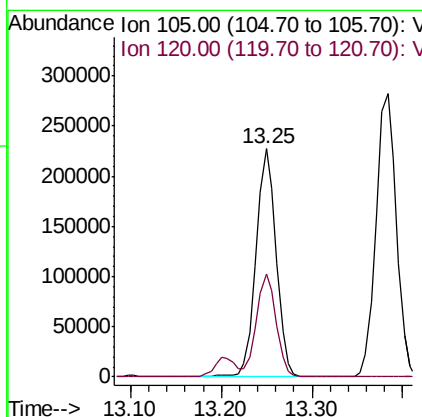
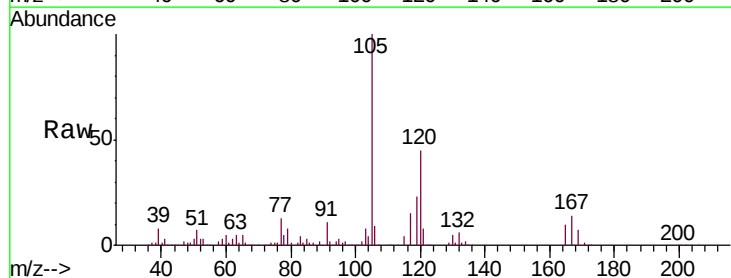
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

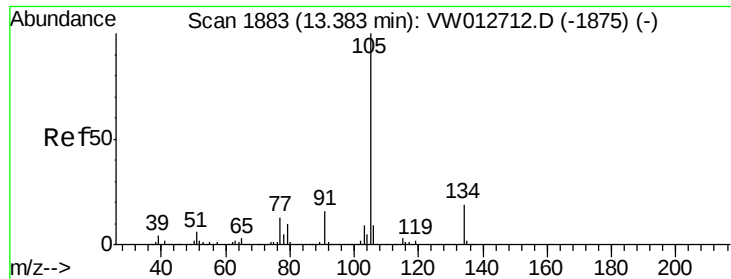
Tgt Ion:119 Resp: 315757
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.2 102.5
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.836 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion:105 Resp: 348403
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.430 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

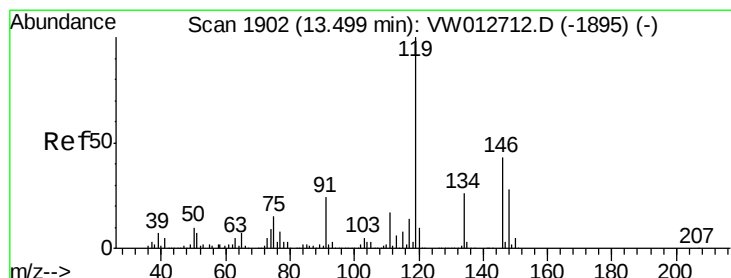
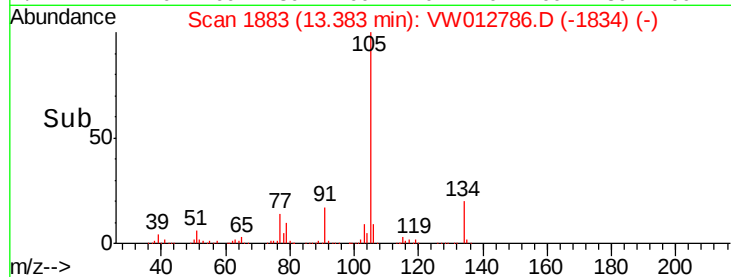
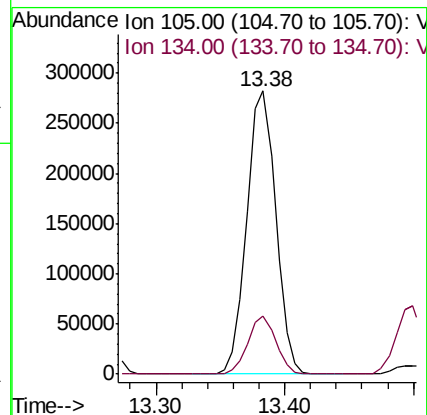
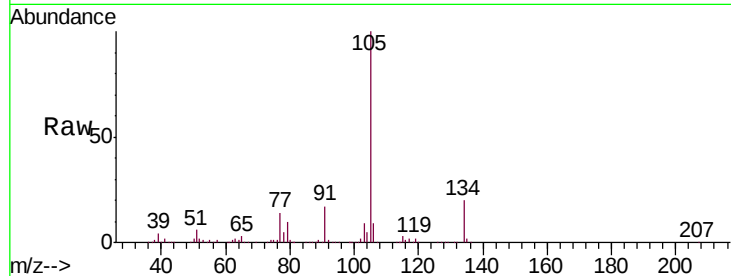
VSTDCCC050

Tgt Ion:105 Resp: 437282

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.994 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

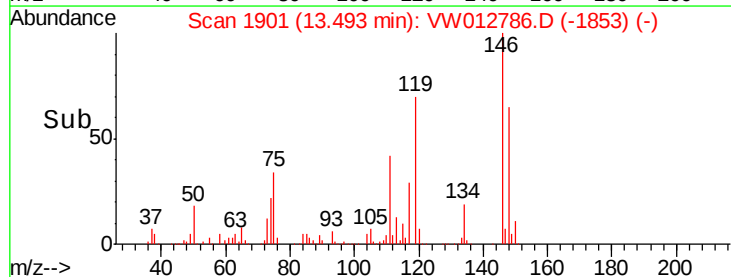
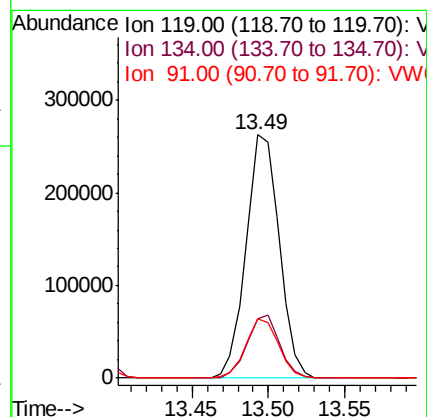
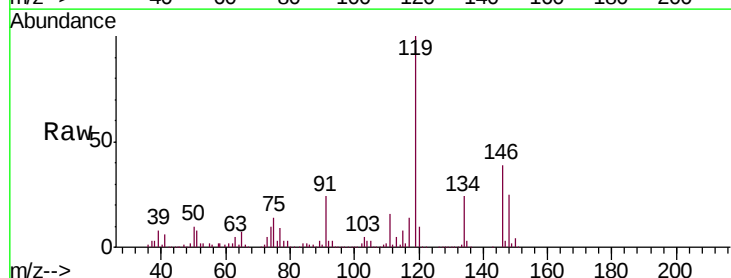
Tgt Ion:119 Resp: 396165

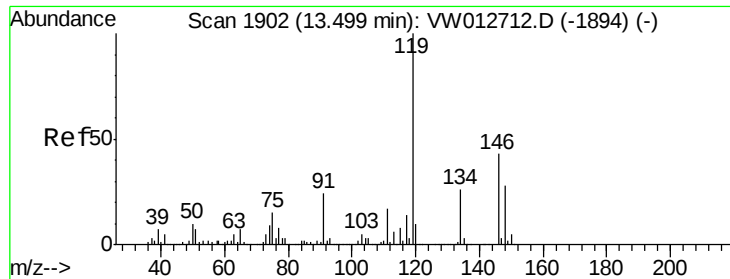
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 24.1 12.2 36.6

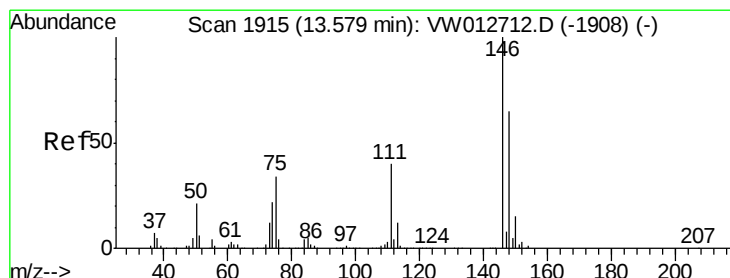
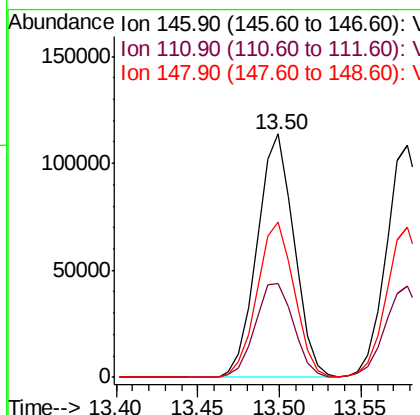
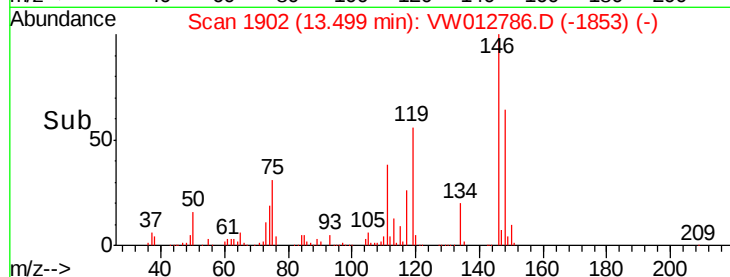
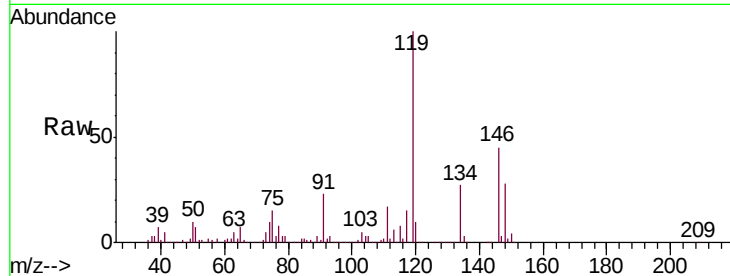




#87
 1,3-Dichlorobenzene
 Concen: 50.933 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

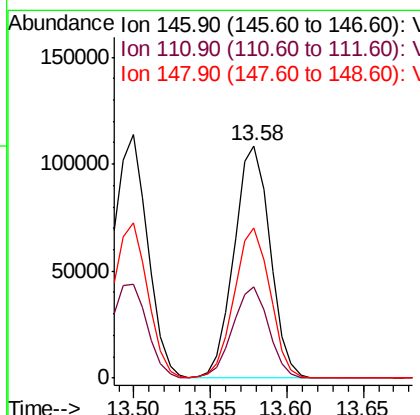
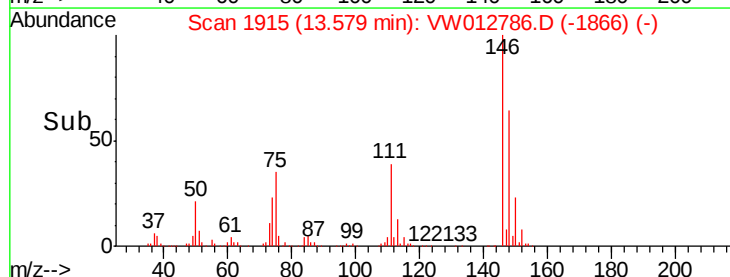
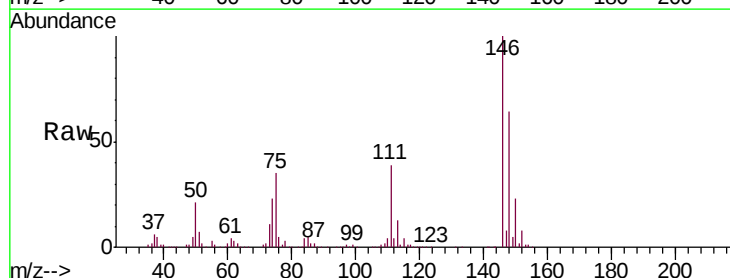
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

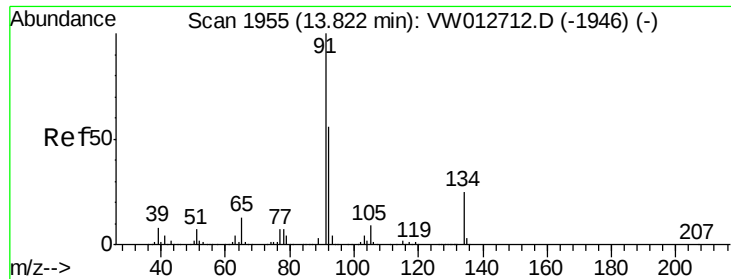
Tgt Ion:146 Resp: 179543
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.2
 148 64.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.591 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion:146 Resp: 177457
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 60.0
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 50.634 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

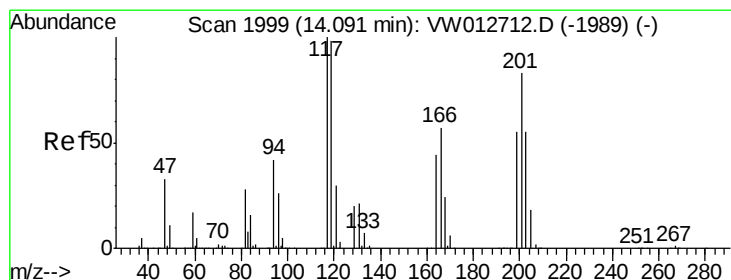
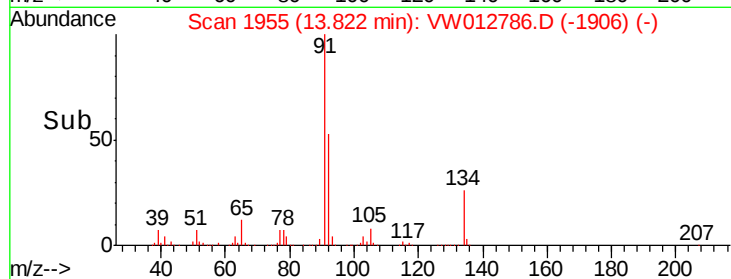
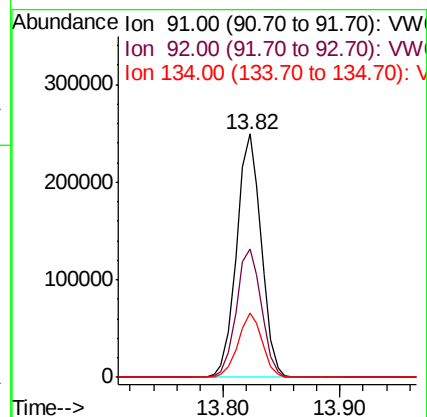
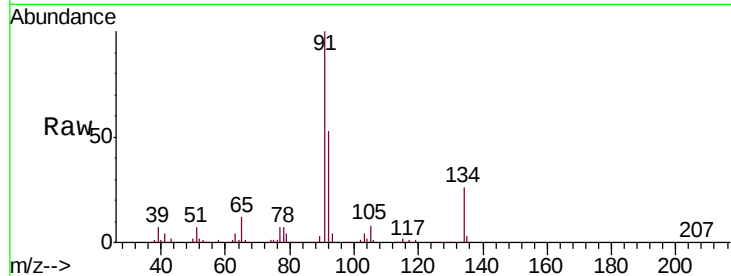
Tgt Ion: 91 Resp: 367478

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.5

134 25.7 12.7 38.1



#90

Hexachloroethane

Concen: 51.708 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012786.D

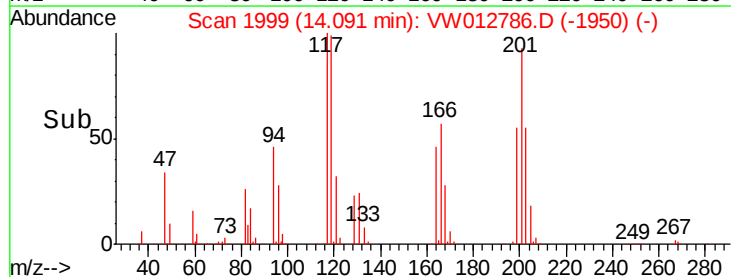
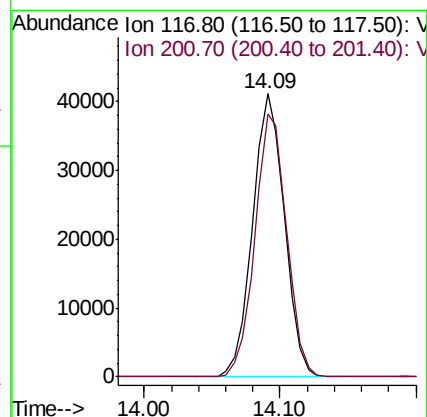
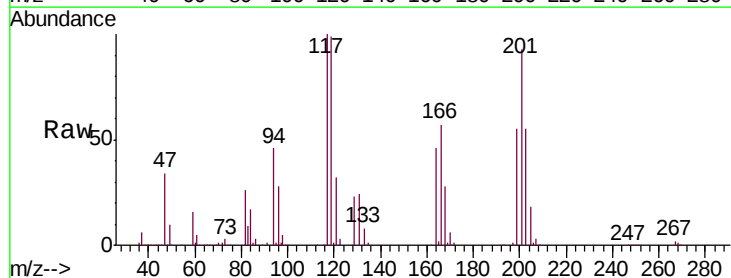
Acq: 08 Sep 2019 23:04

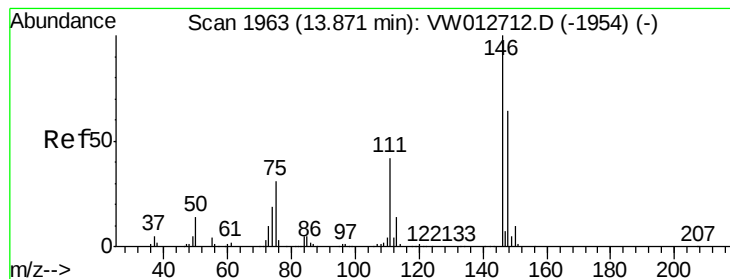
Tgt Ion: 117 Resp: 67481

Ion Ratio Lower Upper

117 100

201 92.8 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 51.867 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

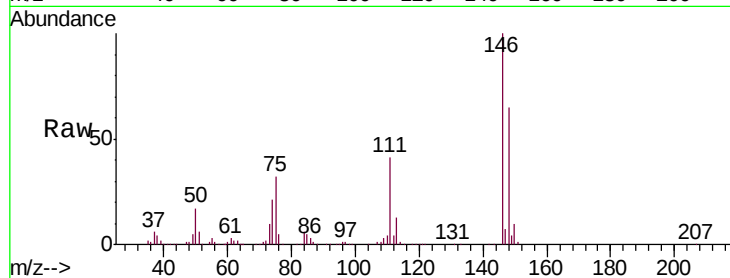
Tgt Ion: 146 Resp: 164564

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.9

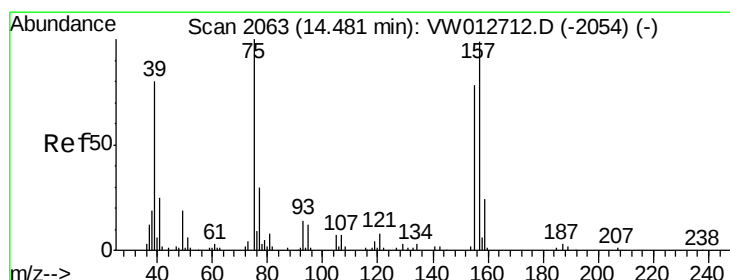
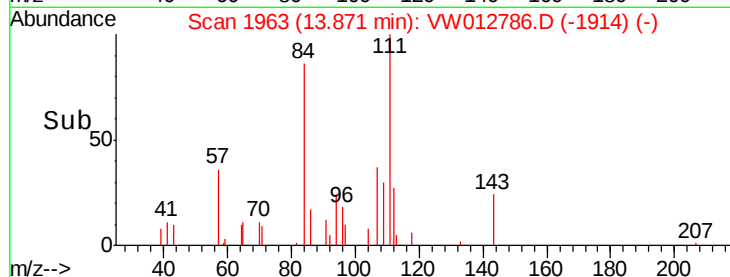
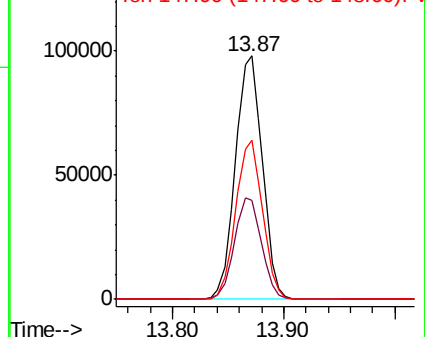
148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.897 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW012786.D

Acq: 08 Sep 2019 23:04

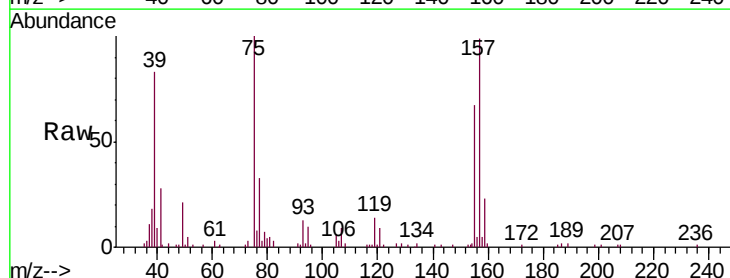
Tgt Ion: 75 Resp: 16844

Ion Ratio Lower Upper

75 100

155 78.6 40.6 122.0

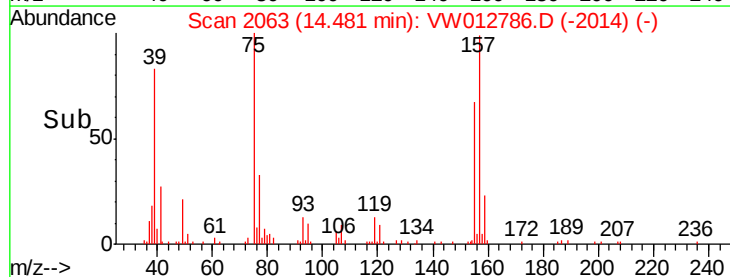
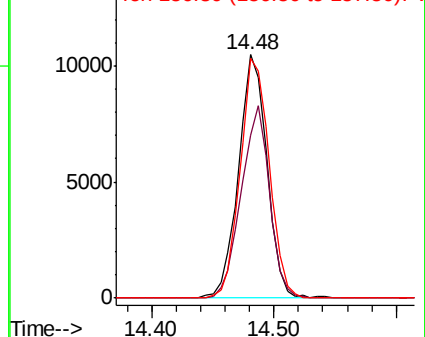
157 100.4 52.5 157.5

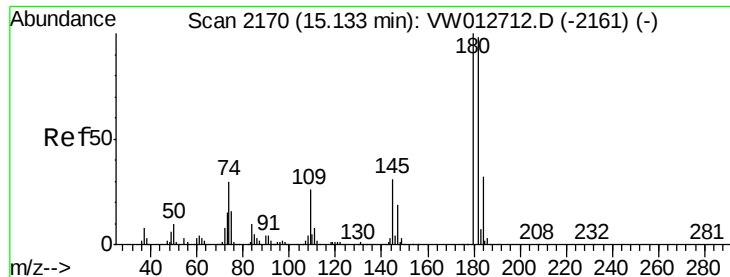


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

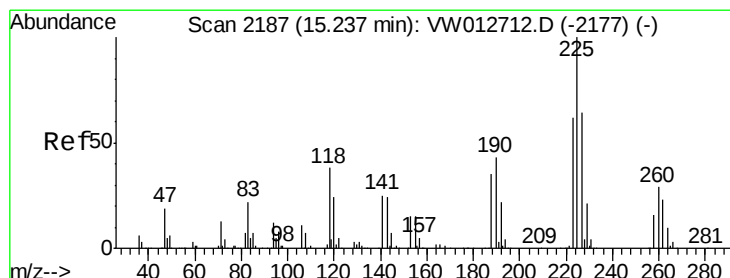
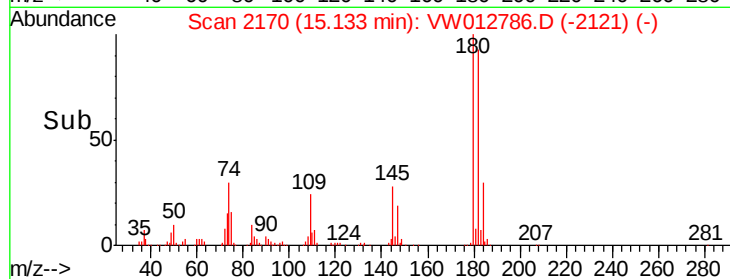
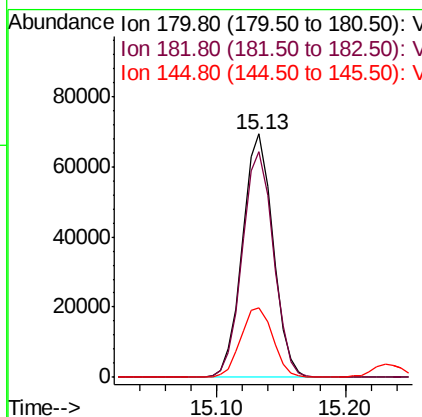
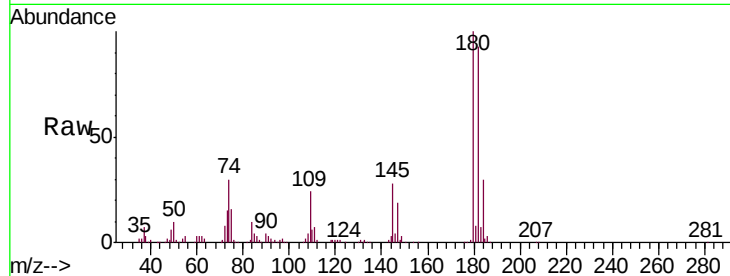




#93
 1,2,4-Trichlorobenzene
 Concen: 51.371 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

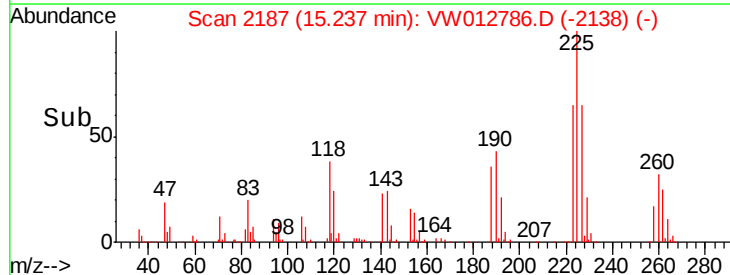
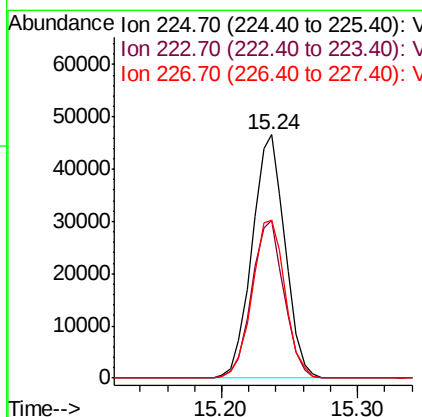
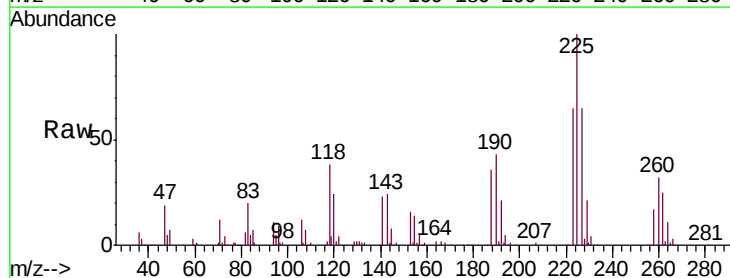
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

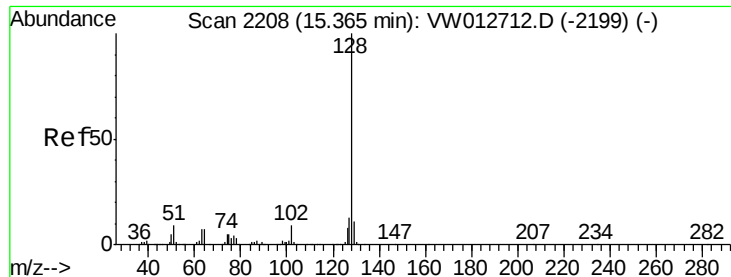
Tgt Ion:180 Resp: 113477
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.7 146.1
 145 29.9 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 51.586 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012786.D
 Acq: 08 Sep 2019 23:04

Tgt Ion:225 Resp: 78874
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.3
 227 65.1 31.4 94.2

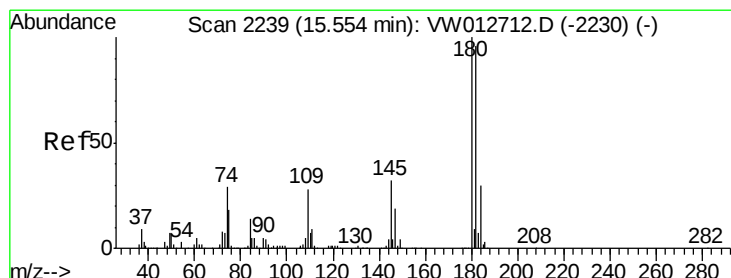
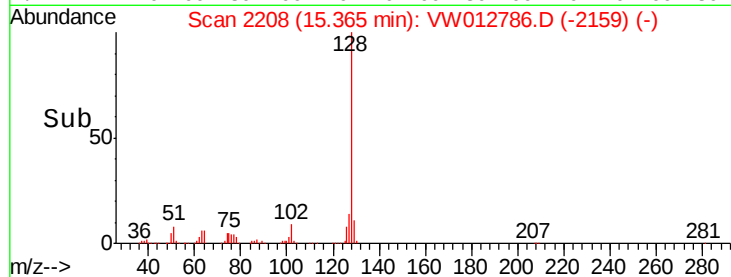
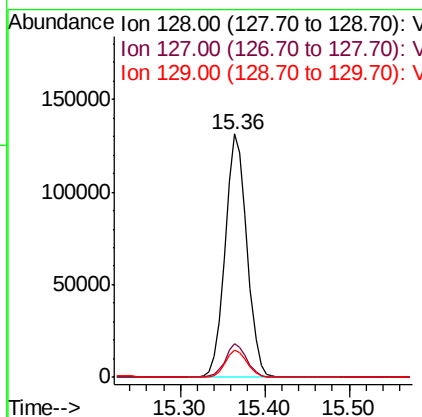
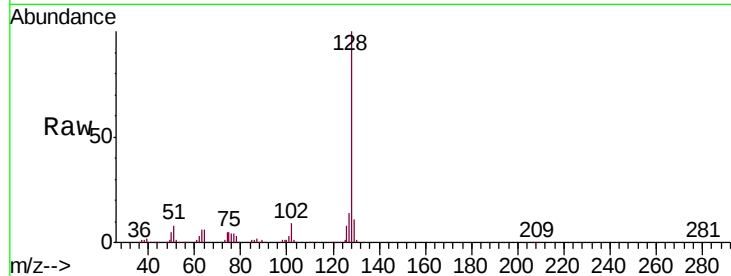




#95
Naphthalene
Concen: 50.107 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 232070
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.522 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012786.D
Acq: 08 Sep 2019 23:04

Tgt Ion:180 Resp: 102410
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 31.4 15.4 46.2

