

Data File : VW012717.D
Acq On : 07 Sep 2019 13:39
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 05:08:44 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	227938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133992	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.88	113	102196	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.32	98	428402	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.62	95	147701	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	65659	53.135	ug/l	98
3) Chloromethane	2.21	50	72212	48.085	ug/l	98
4) Vinyl Chloride	2.36	62	95306	51.759	ug/l	97
5) Bromomethane	2.78	94	53172	53.178	ug/l	100
6) Chloroethane	2.92	64	54914	49.976	ug/l	100
7) Trichlorofluoromethane	3.25	101	62354	49.072	ug/l	96
8) Diethyl Ether	3.68	74	57877	54.194	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105848	53.082	ug/l	99
10) Methyl Iodide	4.27	142	127309	50.716	ug/l	100
11) Tert butyl alcohol	5.20	59	50648	259.921	ug/l	97
12) 1,1-Dichloroethene	4.04	96	97552	51.824	ug/l	96
13) Acrolein	3.89	56	49281	238.324	ug/l	100
14) Allyl chloride	4.67	41	207334	53.245	ug/l	100
15) Acrylonitrile	5.37	53	165850	265.884	ug/l	99
16) Acetone	4.13	43	186814	269.063	ug/l	96
17) Carbon Disulfide	4.38	76	205393	51.405	ug/l	99
18) Methyl Acetate	4.67	43	83361	51.174	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	198525	53.179	ug/l	97
20) Methylene Chloride	4.91	84	105038	48.356	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	100763	52.462	ug/l	95
22) Diisopropyl ether	6.31	45	408238	52.859	ug/l	95
23) Vinyl Acetate	6.25	43	1354396	276.719	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221410	53.244	ug/l	99
25) 2-Butanone	7.17	43	248535	243.652	ug/l	99
26) 2,2-Dichloropropane	7.16	77	139671	53.179	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	117968	52.971	ug/l	99
28) Bromochloromethane	7.51	49	104471	54.713	ug/l	99
29) Tetrahydrofuran	7.53	42	149085	265.897	ug/l	100
30) Chloroform	7.67	83	213694	51.852	ug/l	100
31) Cyclohexane	7.95	56	182921	48.861	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	173876	52.048	ug/l	100
36) 1,1-Dichloropropene	8.08	75	159265	52.013	ug/l	99
37) Ethyl Acetate	7.25	43	100382	51.426	ug/l	98
38) Carbon Tetrachloride	8.07	117	160924	53.314	ug/l	99

Data File : VW012717.D
Acq On : 07 Sep 2019 13:39
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 05:08:44 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)
39) Methylcyclohexane	9.34	83	177439	51.595	ug/l	99
40) Benzene	8.32	78	443939	52.255	ug/l	100
41) Methacrylonitrile	7.48	41	61947	46.940	ug/l	97
42) 1,2-Dichloroethane	8.40	62	152863	51.126	ug/l	100
43) Isopropyl Acetate	8.42	43	191807	51.866	ug/l	100
44) Trichloroethene	9.09	130	114045	52.077	ug/l	92
45) 1,2-Dichloropropane	9.37	63	124697	52.921	ug/l	98
46) Dibromomethane	9.46	93	58415	52.353	ug/l	98
47) Bromodichloromethane	9.64	83	162233	52.848	ug/l	99
48) Methyl methacrylate	9.43	41	92717	52.463	ug/l	98
49) 1,4-Dioxane	9.47	88	23484	1065.512	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	510351	263.000	ug/l	99
52) Toluene	10.38	92	279536	52.718	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	167935	53.202	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	191451	53.465	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87300	52.261	ug/l	97
56) Ethyl methacrylate	10.65	69	126718	51.822	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161098	52.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	335659	258.571	ug/l	100
59) 2-Hexanone	10.96	43	371546	262.077	ug/l	100
60) Dibromochloromethane	11.13	129	102464	52.155	ug/l	100
61) 1,2-Dibromoethane	11.24	107	81174	53.003	ug/l	100
64) Tetrachloroethene	10.86	164	93864	52.550	ug/l	98
65) Chlorobenzene	11.66	112	291051	52.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107152	51.716	ug/l	99
67) Ethyl Benzene	11.73	91	534607	51.213	ug/l	98
68) m/p-Xylenes	11.84	106	390183	103.553	ug/l	98
69) o-Xylene	12.16	106	191964	54.002	ug/l	98
70) Styrene	12.18	104	341524	54.369	ug/l	100
71) Bromoform	12.35	173	61131	53.105	ug/l #	100
73) Isopropylbenzene	12.46	105	561062	53.454	ug/l	99
74) N-amyl acetate	12.27	43	177825	53.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105762	50.173	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	145457	97.203	ug/l #	100
77) Bromobenzene	12.74	156	124496	52.353	ug/l	99
78) n-propylbenzene	12.80	91	670231	53.390	ug/l	100
79) 2-Chlorotoluene	12.89	91	377989	52.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	468489	52.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37752	53.359	ug/l	98
82) 4-Chlorotoluene	12.99	91	401715	52.699	ug/l	100
83) tert-Butylbenzene	13.21	119	416677	53.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	463843	52.047	ug/l	99
85) sec-Butylbenzene	13.38	105	570560	52.577	ug/l	99
86) p-Isopropyltoluene	13.50	119	519939	52.454	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	239906	51.327	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	237391	51.041	ug/l	99
89) n-Butylbenzene	13.82	91	509140	52.908	ug/l	100
90) Hexachloroethane	14.09	117	92480	53.444	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	217734	51.755	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19751	51.200	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

Data File : VW012717.D
Acq On : 07 Sep 2019 13:39
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 05:08:44 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

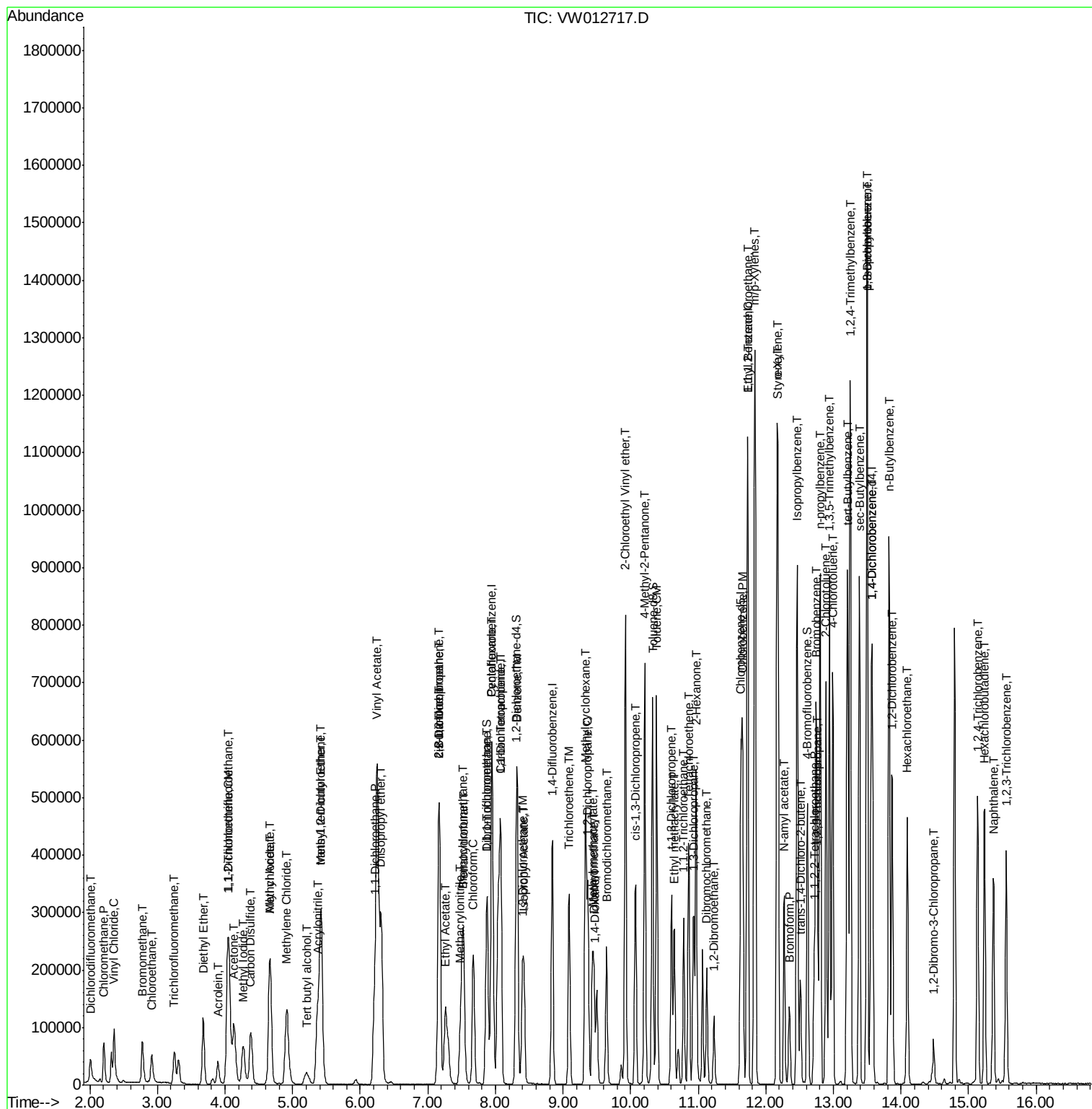
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158208	54.014	ug/l	99
94) Hexachlorobutadiene	15.24	225	100546	49.595	ug/l	98
95) Naphthalene	15.36	128	302723	49.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	142269	55.027	ug/l	100

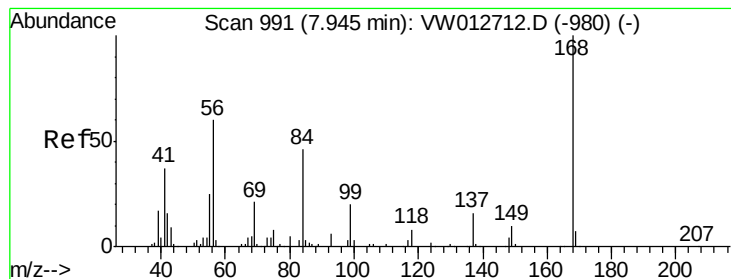
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012717.D
Acq On : 07 Sep 2019 13:39
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTDCCC050

Quant Time: Sep 08 05:08:44 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

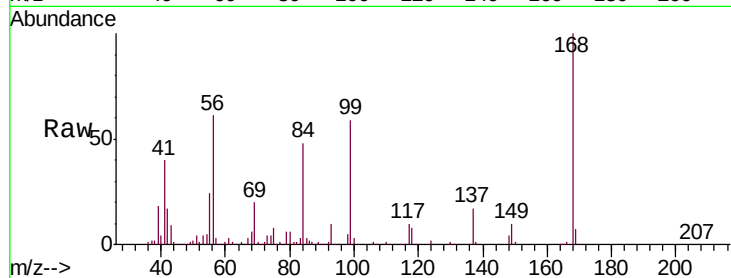
VSTDCCC050

Tgt Ion:168 Resp: 227938

Ion Ratio Lower Upper

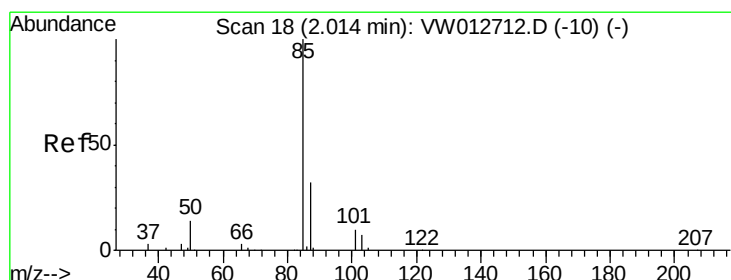
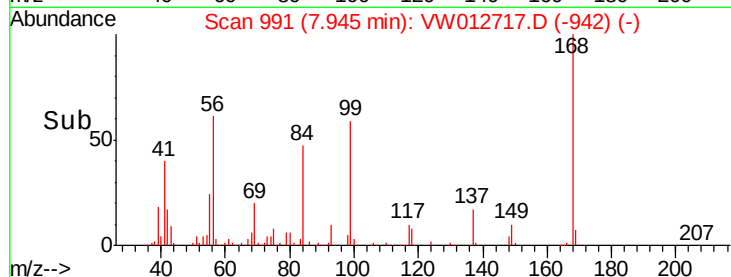
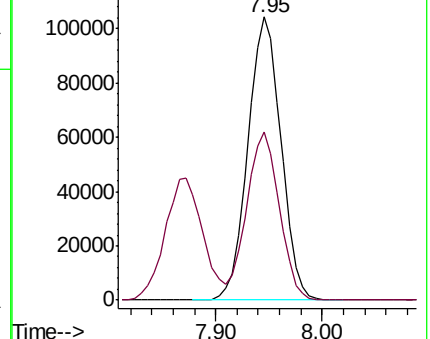
168 100

99 59.1 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: 53.135 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012717.D

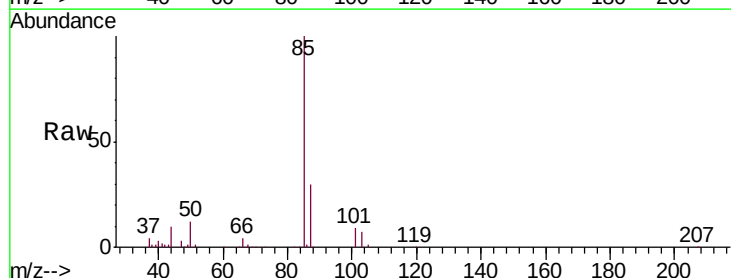
Acq: 07 Sep 2019 13:39

Tgt Ion: 85 Resp: 65659

Ion Ratio Lower Upper

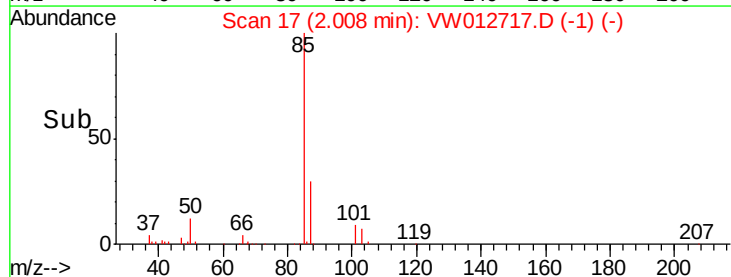
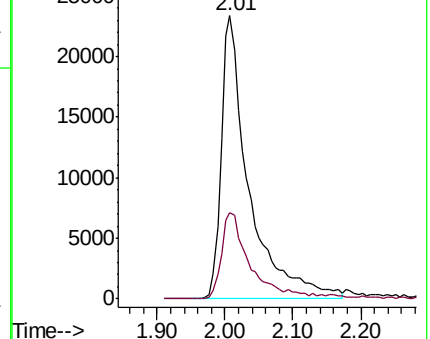
85 100

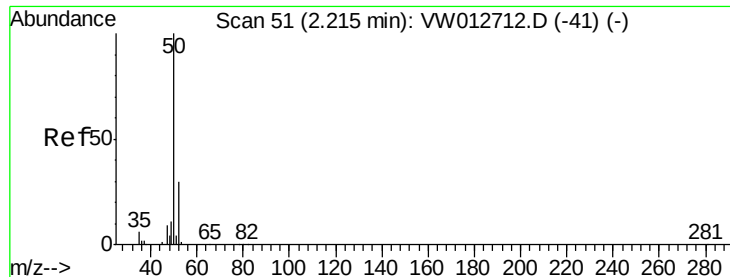
87 30.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

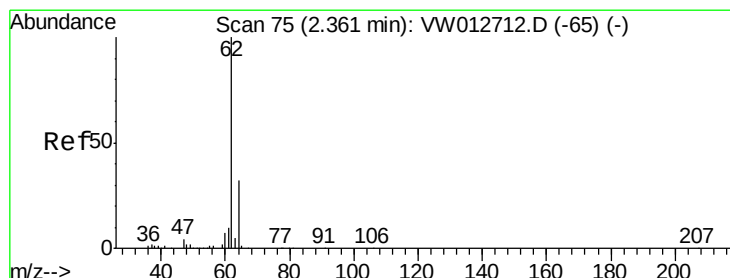
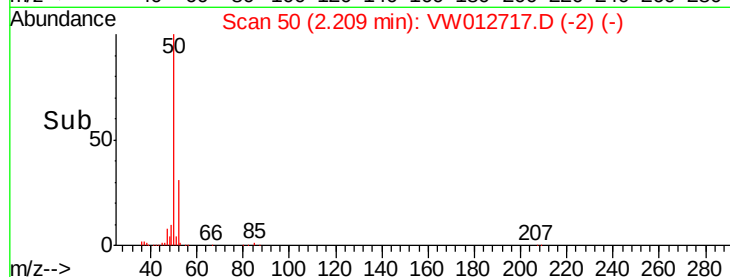
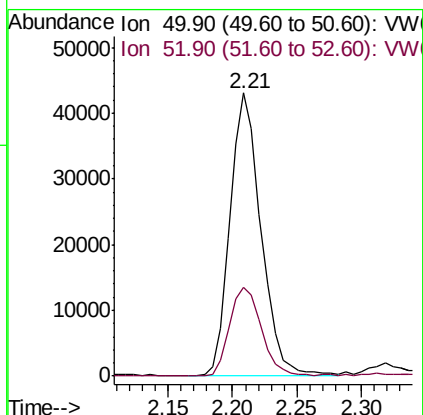
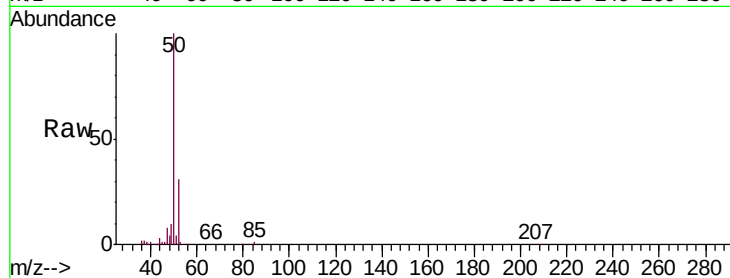




#3
Chloromethane
Concen: 48.085 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

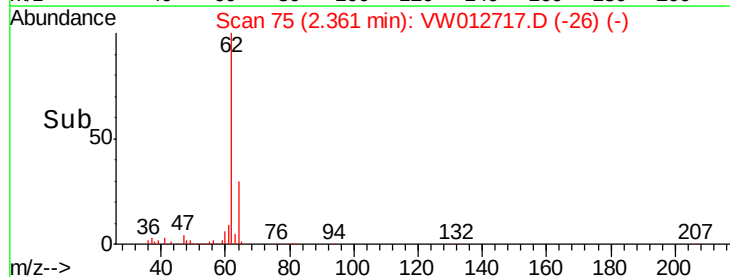
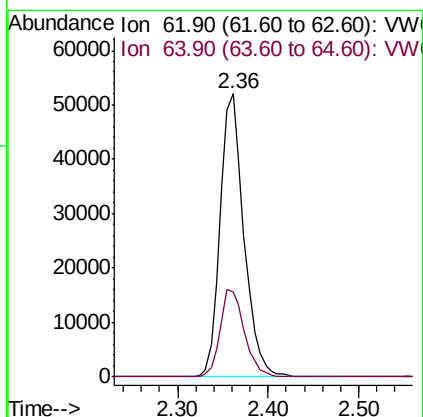
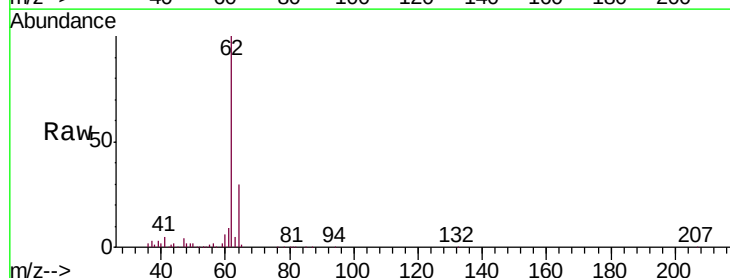
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

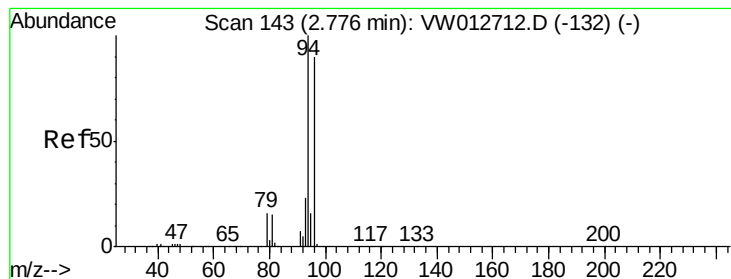
Tgt Ion: 50 Resp: 72212
Ion Ratio Lower Upper
50 100
52 31.4 24.2 36.2



#4
Vinyl Chloride
Concen: 51.759 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 62 Resp: 95306
Ion Ratio Lower Upper
62 100
64 30.2 25.3 37.9





#5

Bromomethane

Concen: 53.178 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

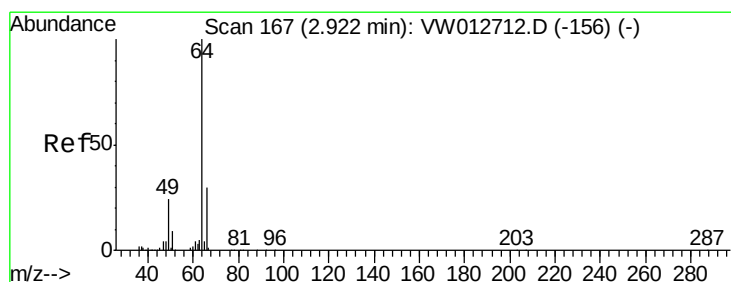
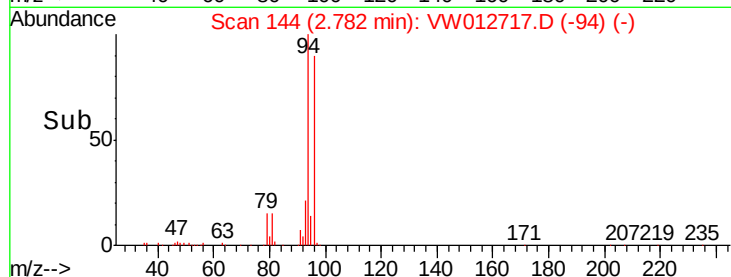
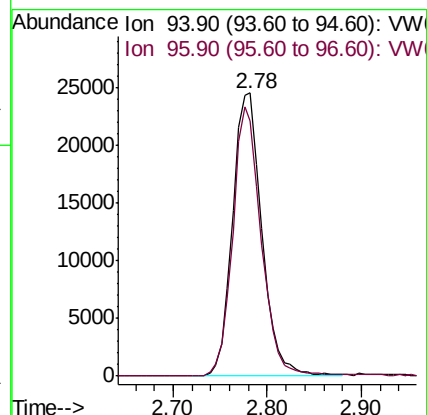
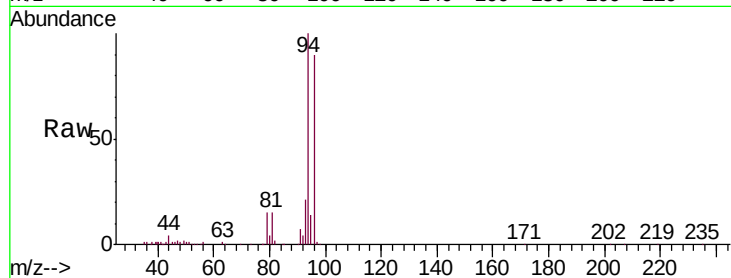
VSTDCCC050

Tgt Ion: 94 Resp: 53172

Ion Ratio Lower Upper

94 100

96 90.0 72.1 108.1



#6

Chloroethane

Concen: 49.976 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012717.D

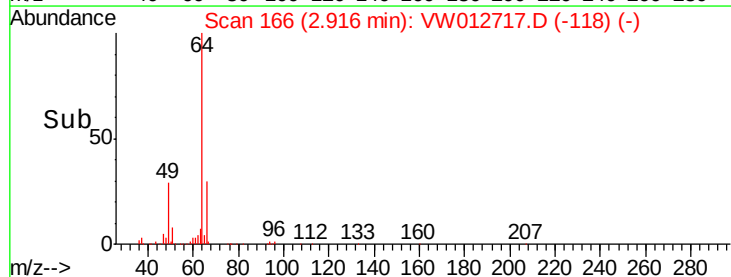
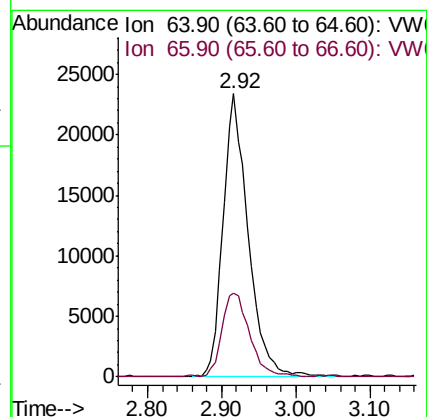
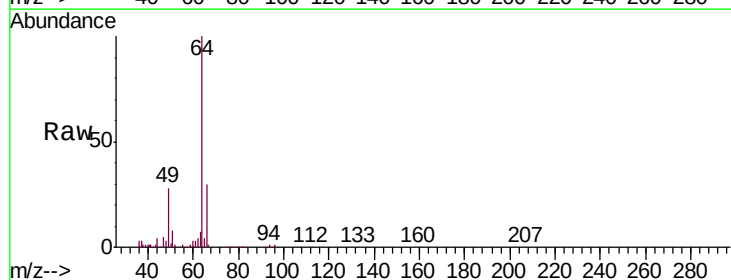
Acq: 07 Sep 2019 13:39

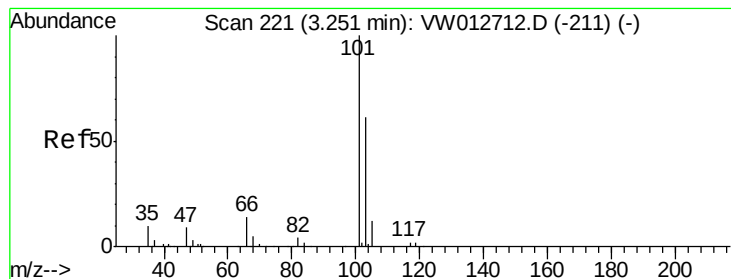
Tgt Ion: 64 Resp: 54914

Ion Ratio Lower Upper

64 100

66 29.5 23.8 35.6



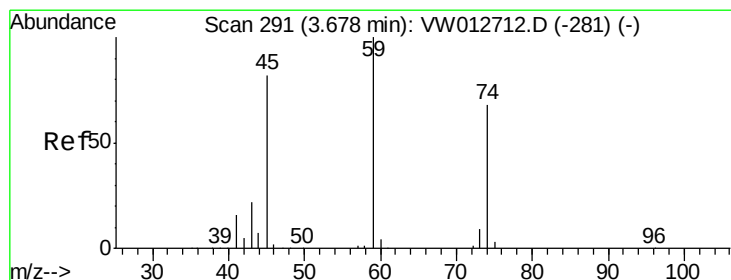
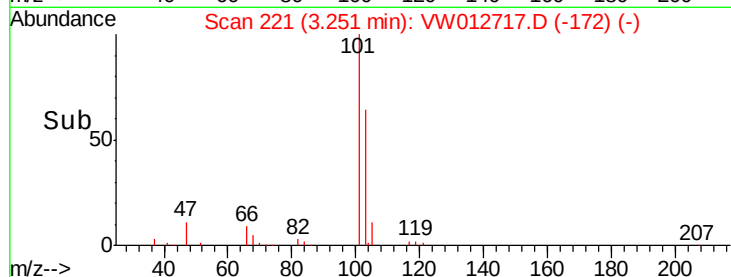
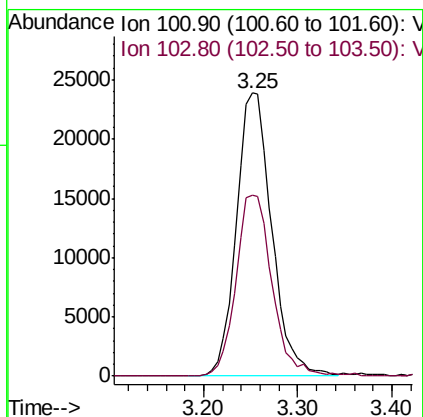
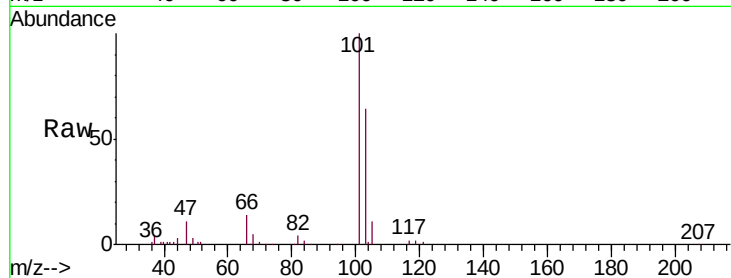


#7

Trichlorofluoromethane
 Concen: 49.072 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

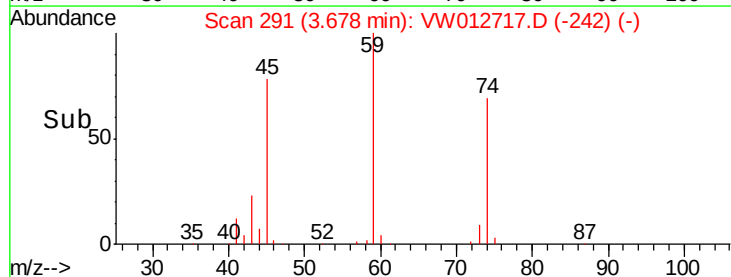
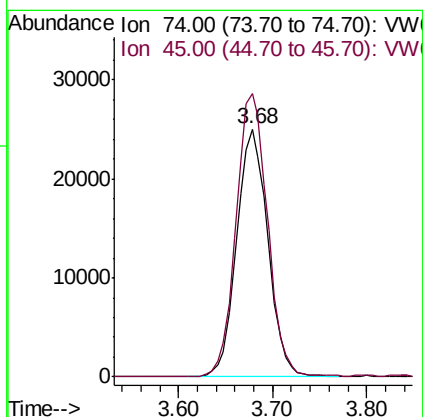
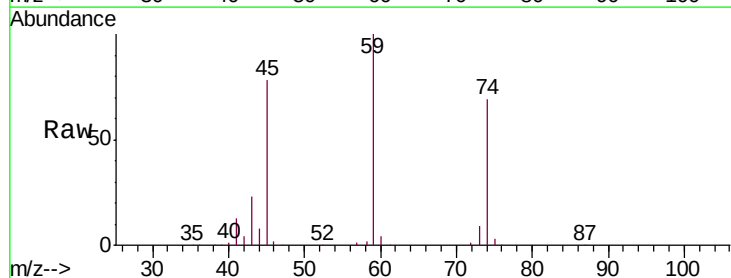
Tgt Ion: 101 Resp: 62354
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.0 73.4

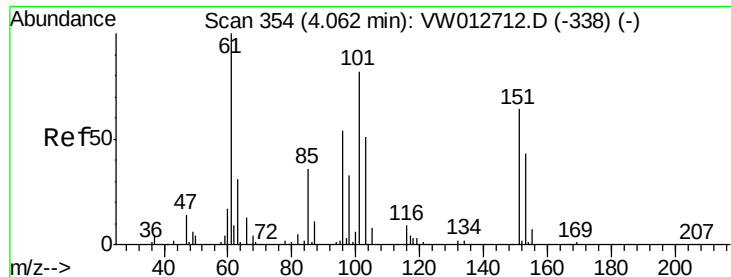


#8

Diethyl Ether
 Concen: 54.194 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 74 Resp: 57877
 Ion Ratio Lower Upper
 74 100
 45 116.1 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.082 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

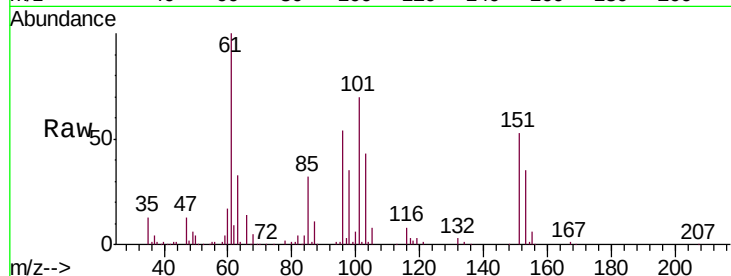
Tgt Ion:101 Resp: 105848

Ion Ratio Lower Upper

101 100

85 45.5 36.2 54.2

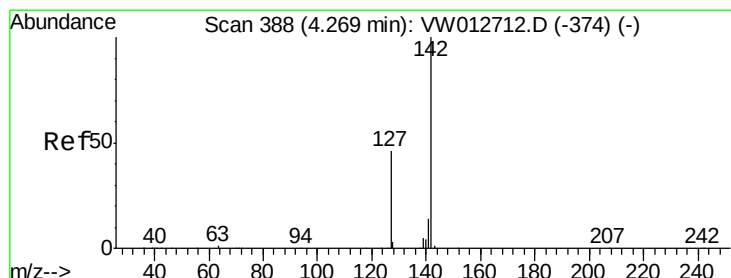
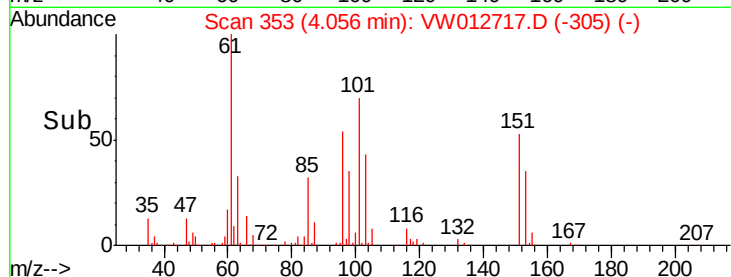
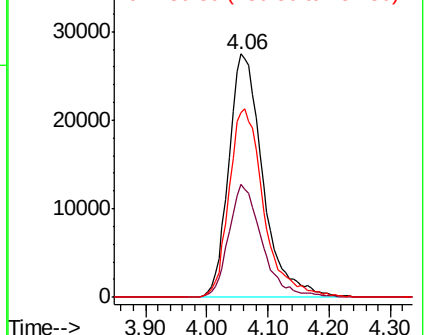
151 78.7 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.716 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

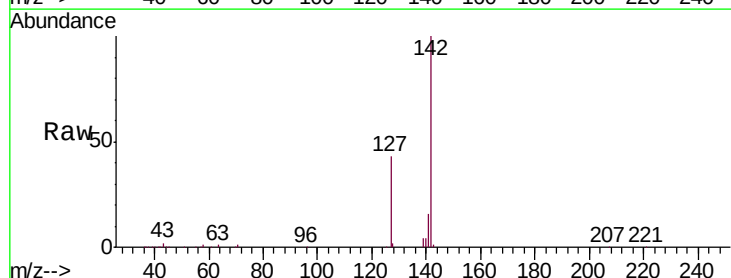
Tgt Ion:142 Resp: 127309

Ion Ratio Lower Upper

142 100

127 44.9 36.0 54.0

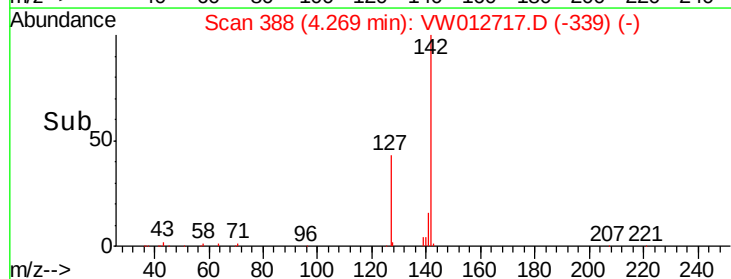
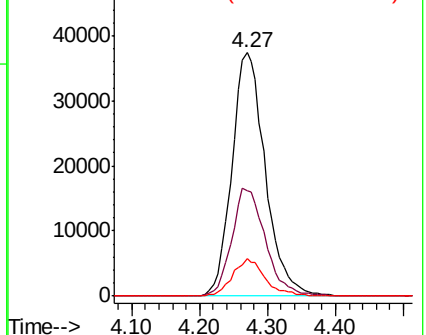
141 15.0 12.2 18.4

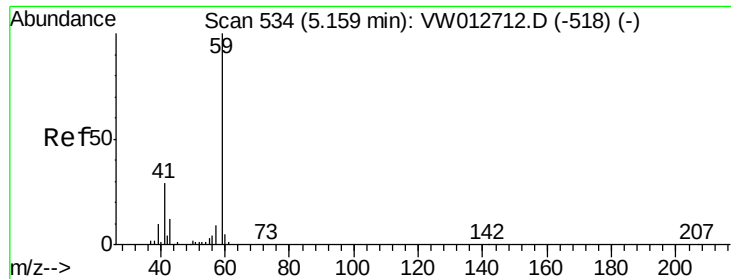


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



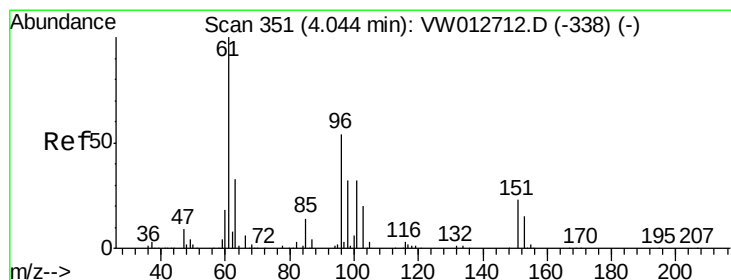
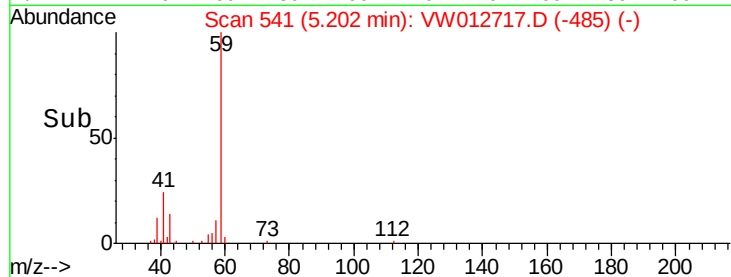
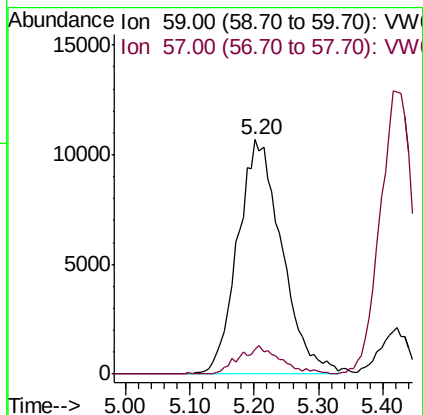
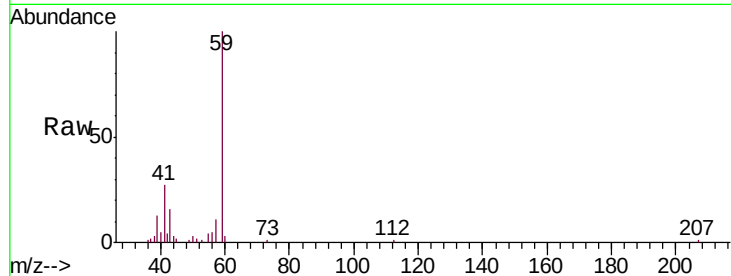


#11

Tert butyl alcohol
Concen: 259.921 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.04 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

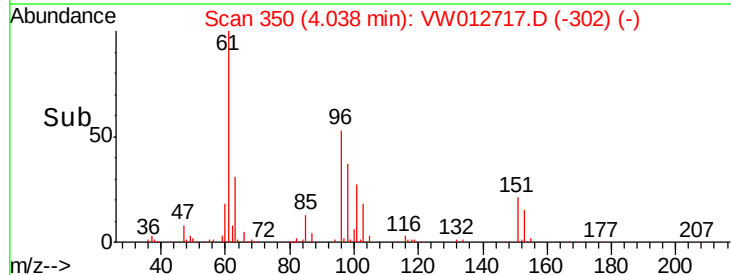
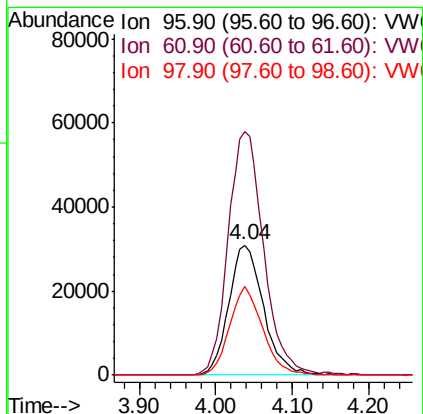
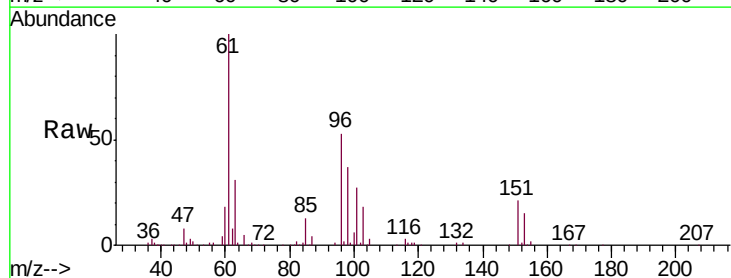
Tgt Ion: 59 Resp: 50648
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

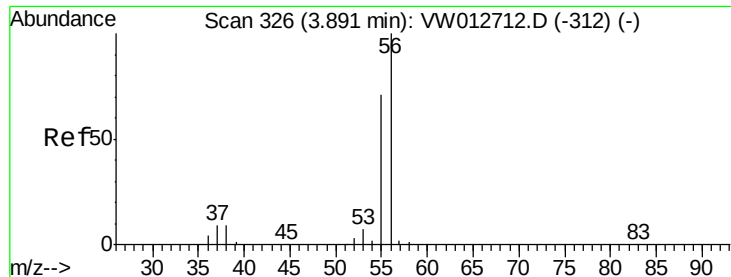


#12

1,1-Dichloroethene
Concen: 51.824 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 96 Resp: 97552
Ion Ratio Lower Upper
96 100
61 187.2 147.8 221.6
98 68.5 47.9 71.9

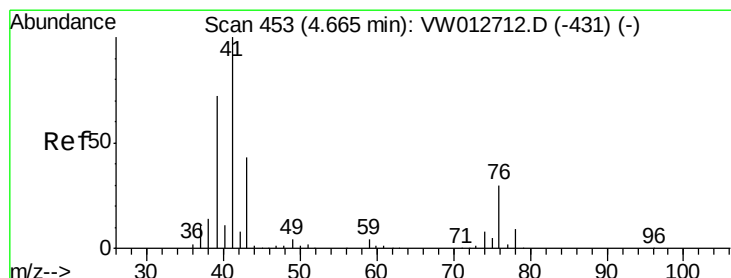
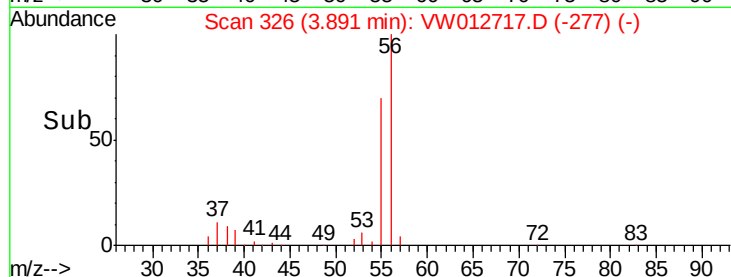
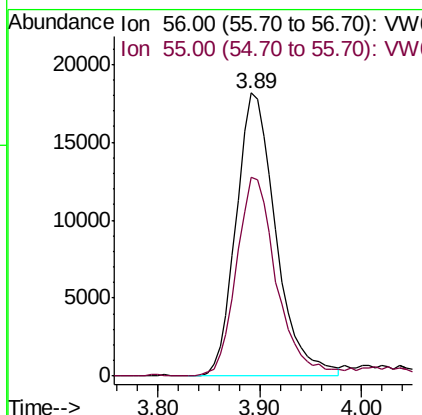
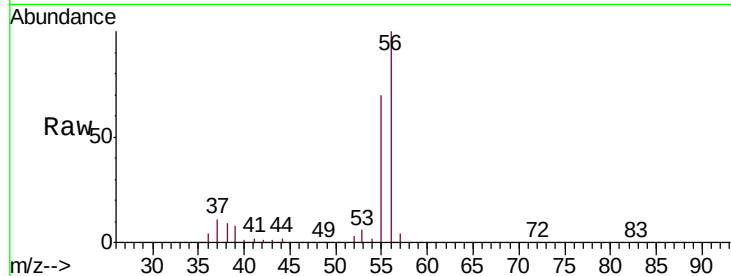




#13
 Acrolein
 Concen: 238.324 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

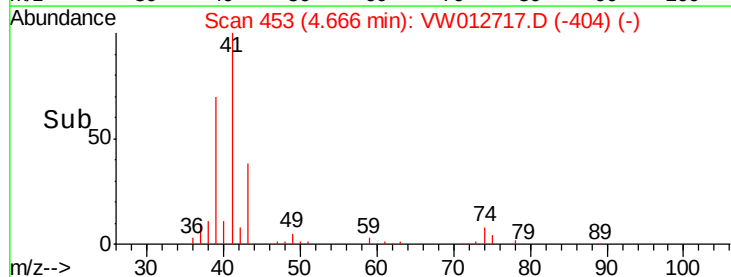
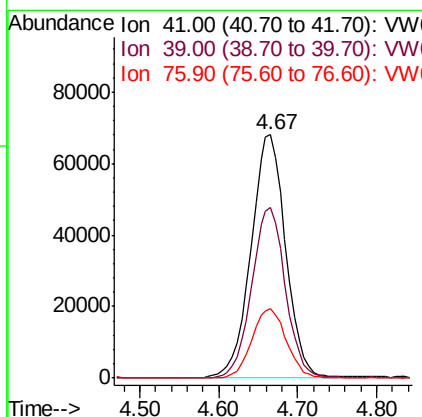
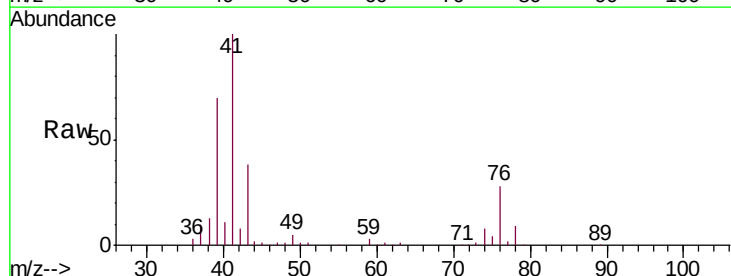
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

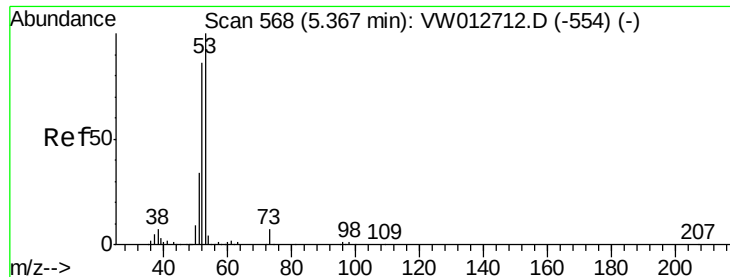
Tgt Ion: 56 Resp: 49281
 Ion Ratio Lower Upper
 56 100
 55 70.8 56.9 85.3



#14
 Allyl chloride
 Concen: 53.245 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 41 Resp: 207334
 Ion Ratio Lower Upper
 41 100
 39 68.7 55.0 82.6
 76 28.5 23.0 34.4





#15

Acrylonitrile

Concen: 265.884 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

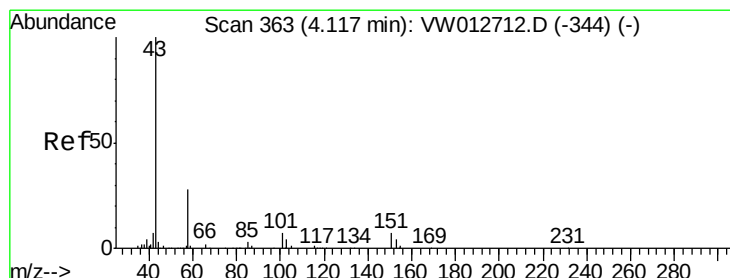
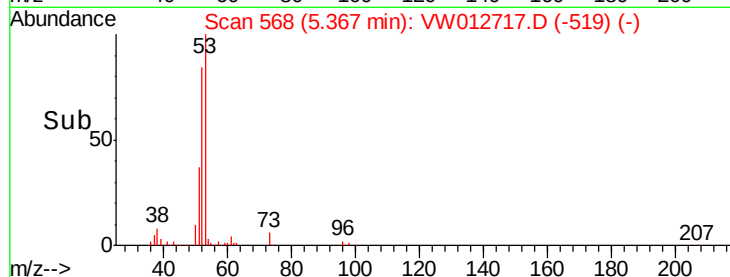
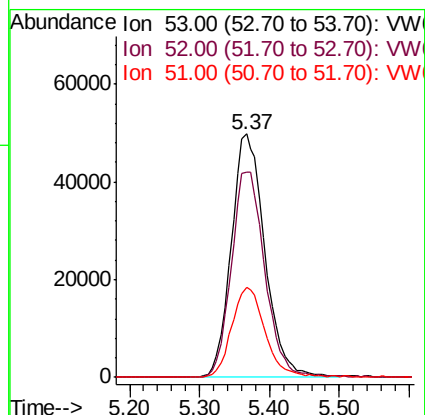
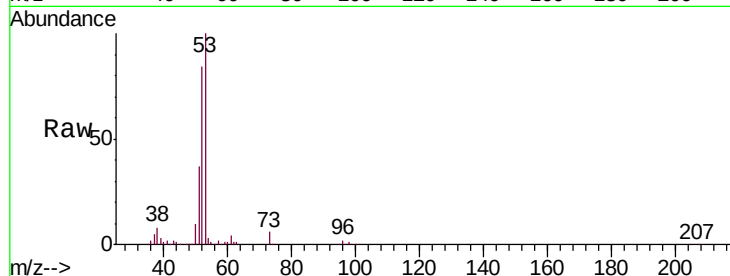
Tgt Ion: 53 Resp: 165850

Ion Ratio Lower Upper

53 100

52 84.6 67.0 100.4

51 37.0 29.8 44.8



#16

Acetone

Concen: 269.063 ug/l

RT: 4.13 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW012717.D

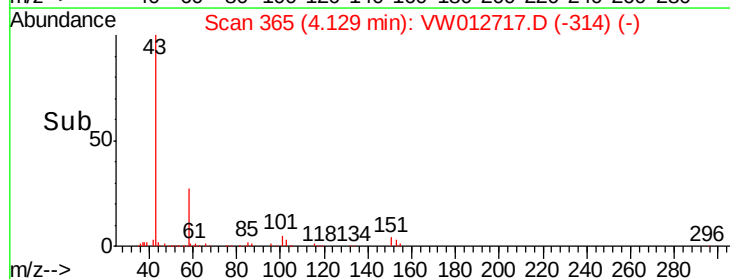
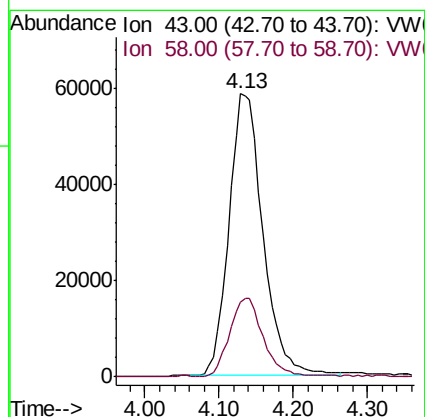
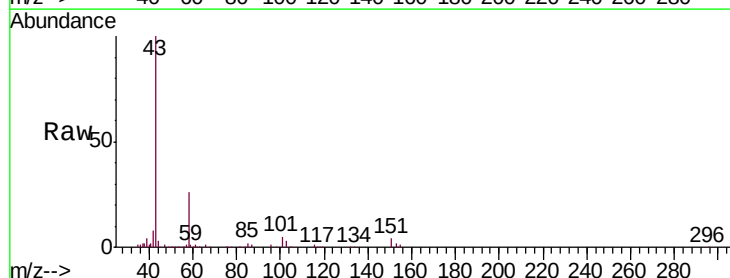
Acq: 07 Sep 2019 13:39

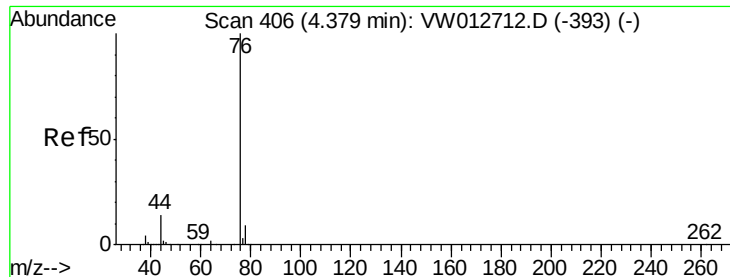
Tgt Ion: 43 Resp: 186814

Ion Ratio Lower Upper

43 100

58 26.1 22.6 33.8

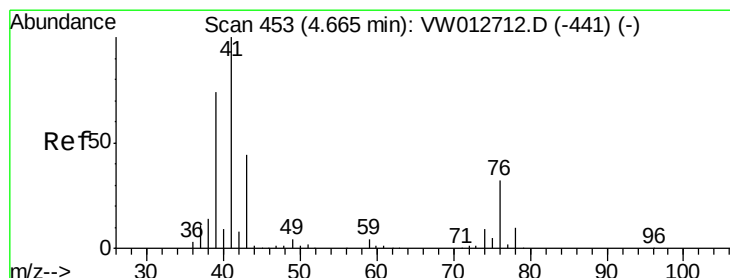
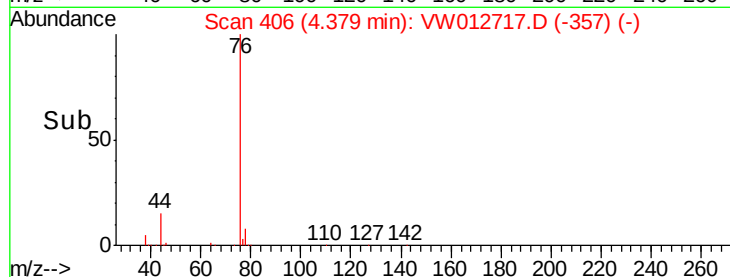
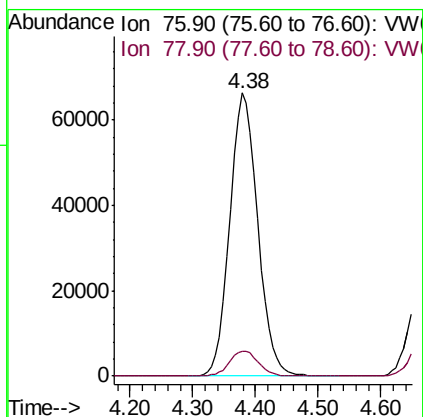
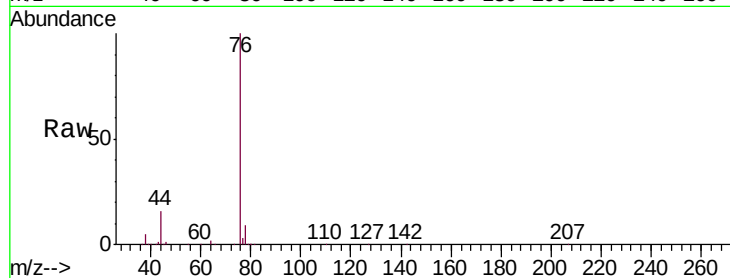




#17
Carbon Disulfide
Concen: 51.405 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

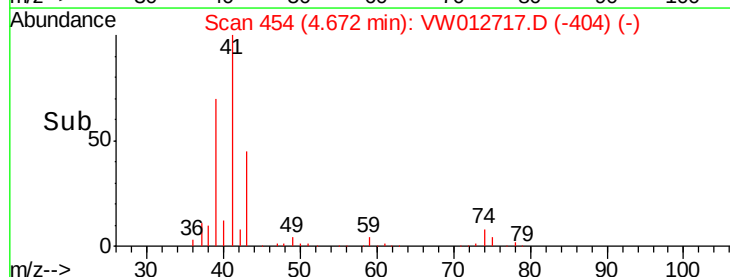
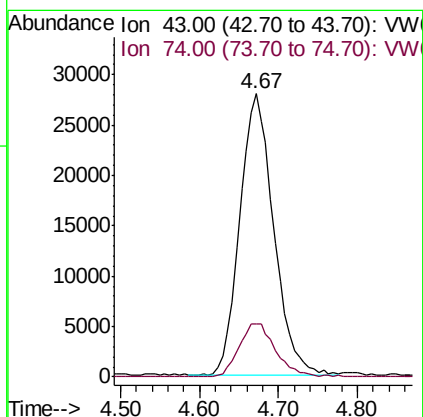
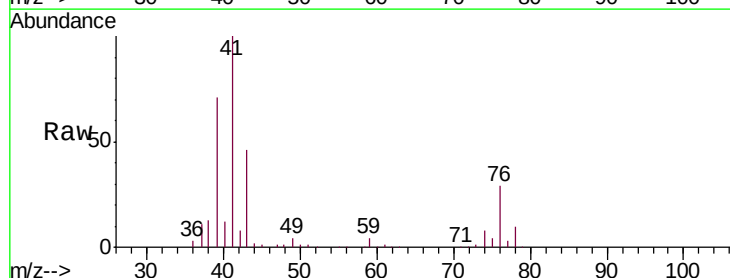
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

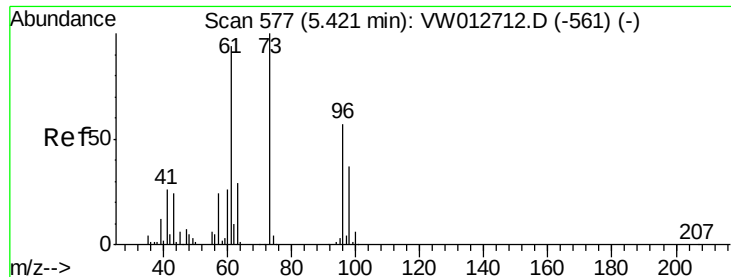
Tgt Ion: 76 Resp: 205393
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 51.174 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 43 Resp: 83361
Ion Ratio Lower Upper
43 100
74 20.5 15.8 23.6

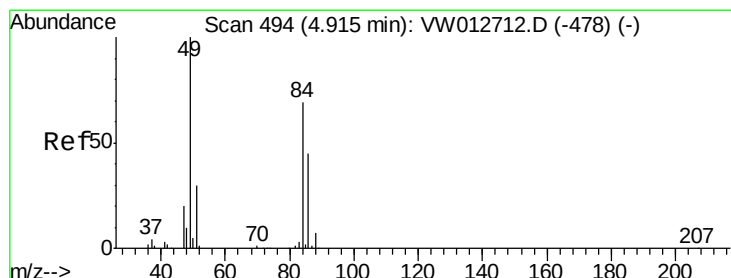
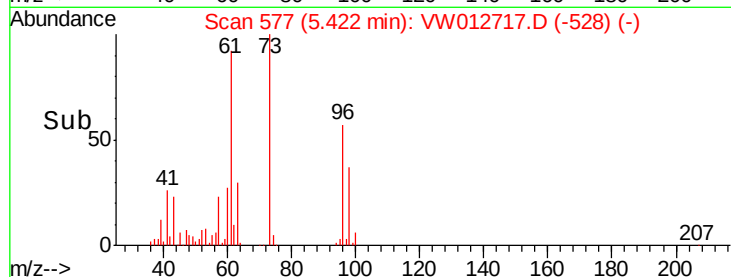
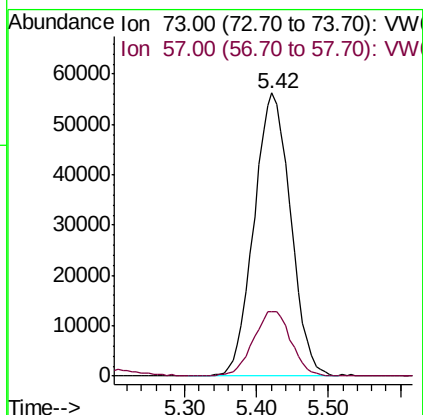
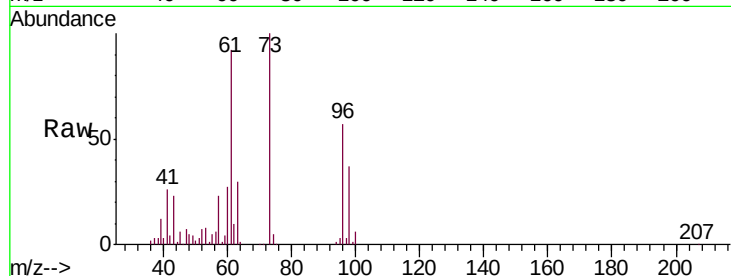




#19
Methyl tert-butyl Ether
Concen: 53.179 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

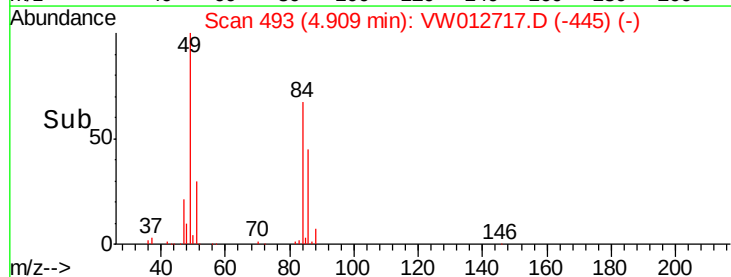
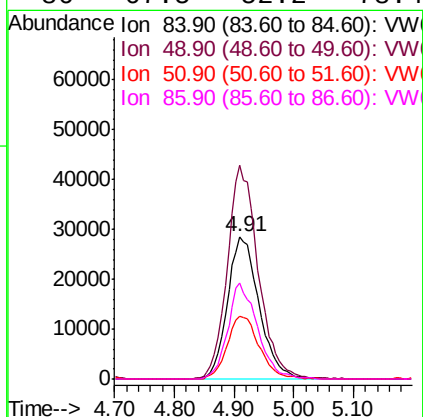
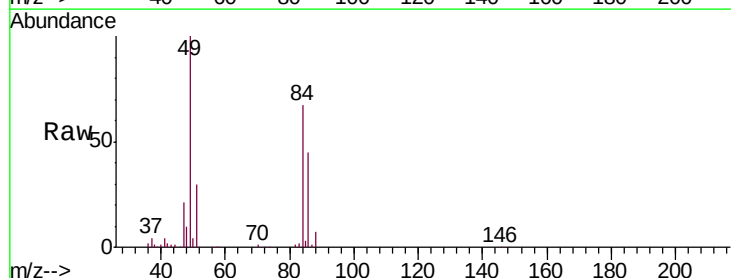
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

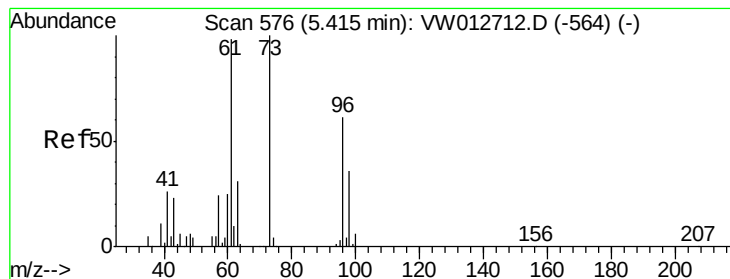
Tgt Ion: 73 Resp: 198525
Ion Ratio Lower Upper
73 100
57 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 48.356 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 84 Resp: 105038
Ion Ratio Lower Upper
84 100
49 149.9 115.4 173.0
51 44.5 34.9 52.3
86 67.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.462 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

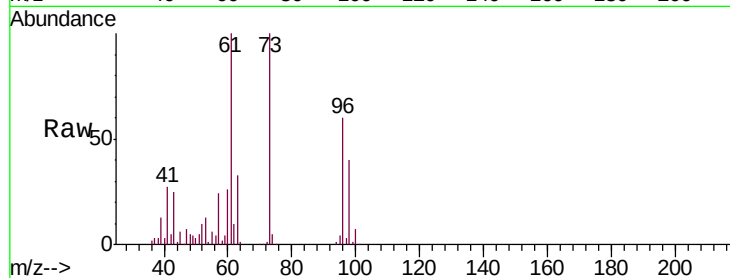
Tgt Ion: 96 Resp: 100763

Ion Ratio Lower Upper

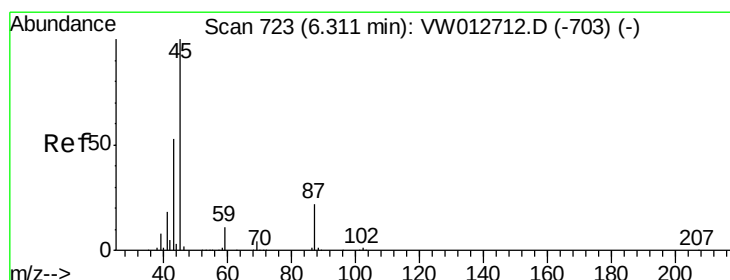
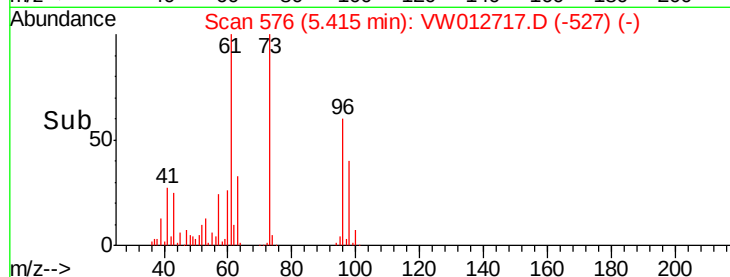
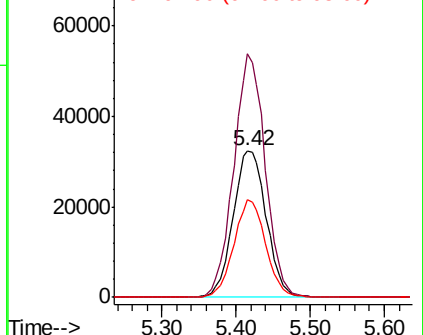
96 100

61 165.8 129.2 193.8

98 67.0 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: 52.859 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Tgt Ion: 45 Resp: 408238

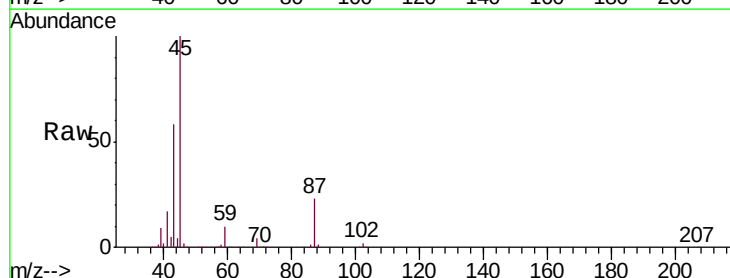
Ion Ratio Lower Upper

45 100

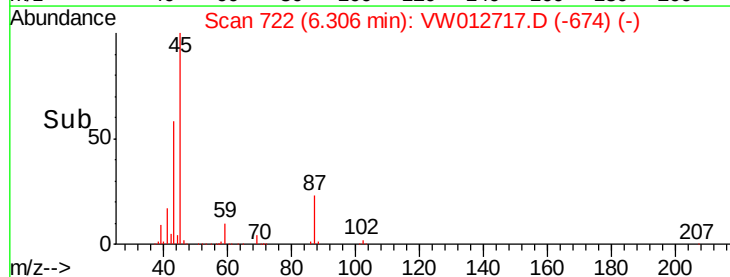
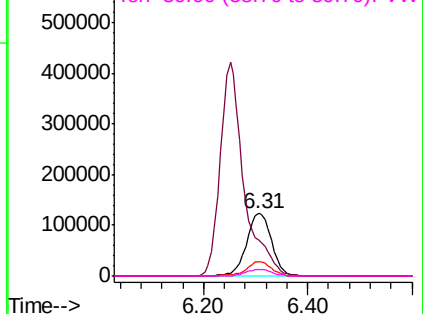
43 57.8 42.3 63.5

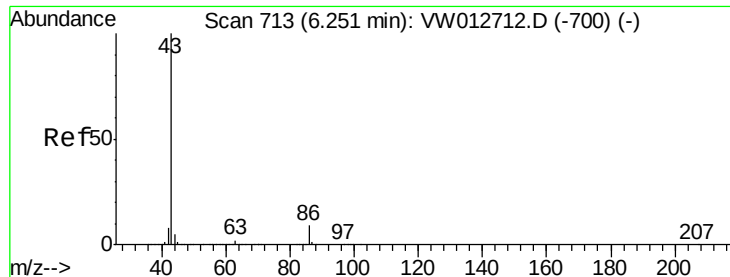
87 22.6 18.2 27.2

59 9.6 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: 276.719 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

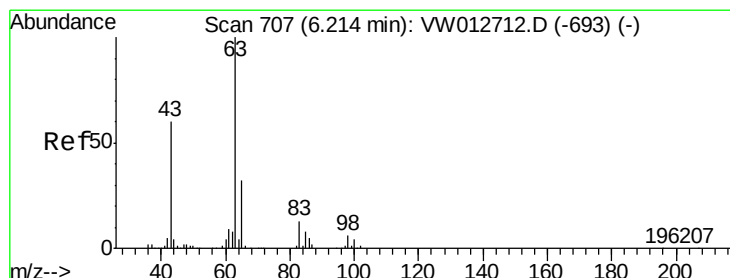
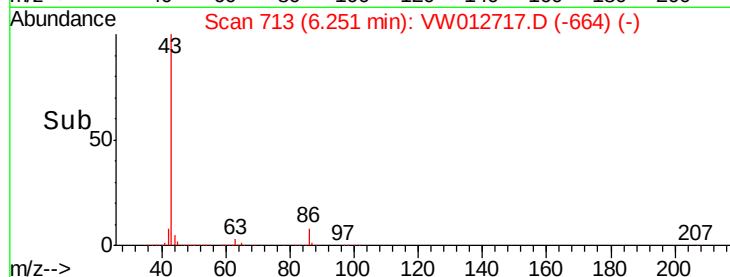
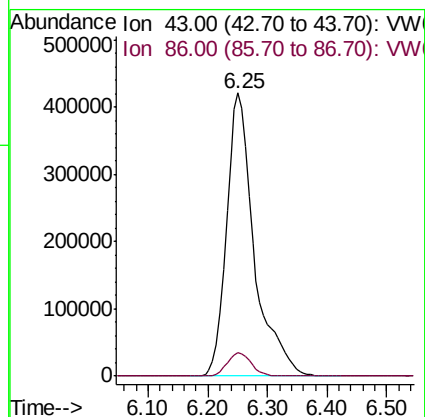
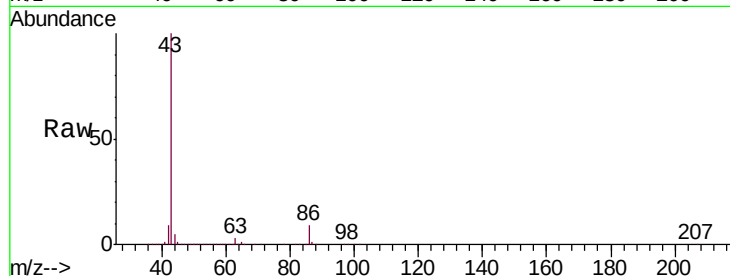
VSTDCCC050

Tgt Ion: 43 Resp: 1354396

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 53.244 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

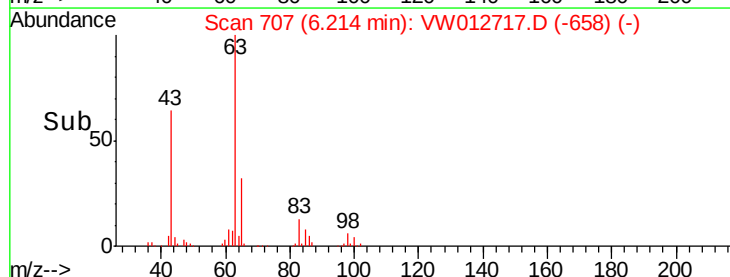
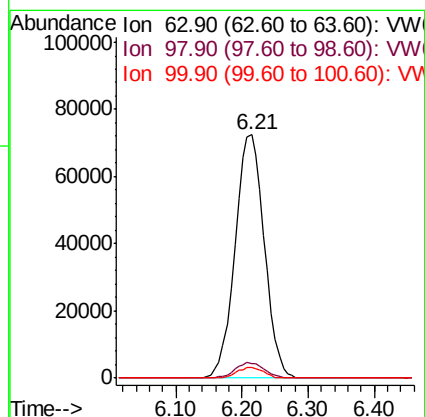
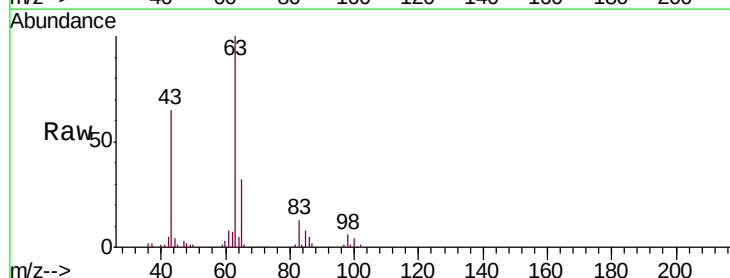
Tgt Ion: 63 Resp: 221410

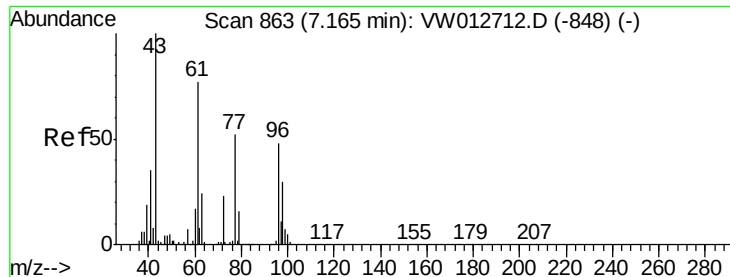
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 243.652 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

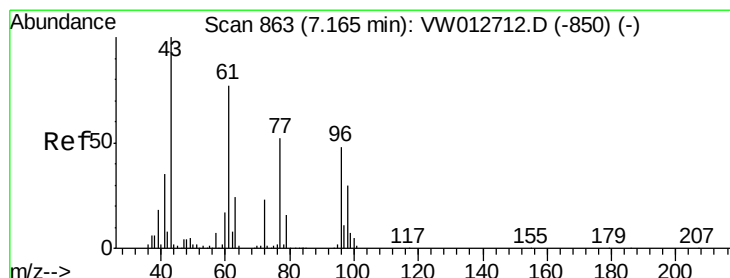
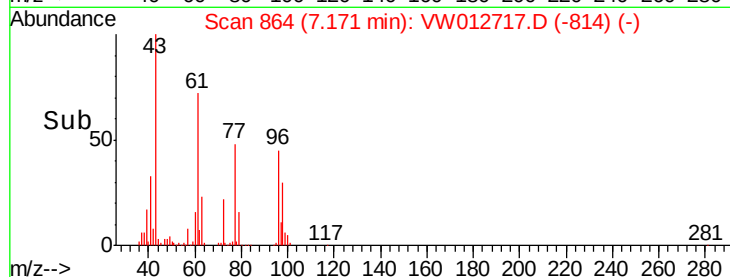
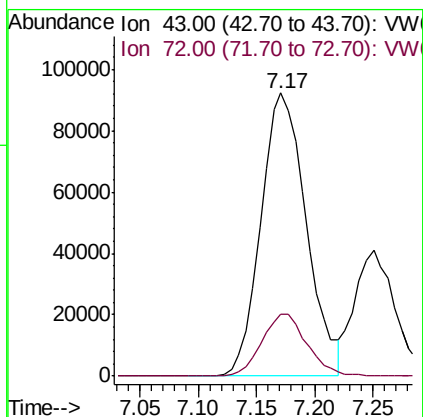
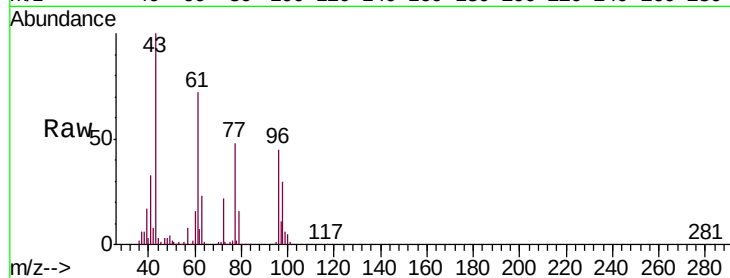
VSTDCCC050

Tgt Ion: 43 Resp: 248535

Ion Ratio Lower Upper

43 100

72 22.0 18.0 27.0



#26

2,2-Dichloropropane

Concen: 53.179 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012717.D

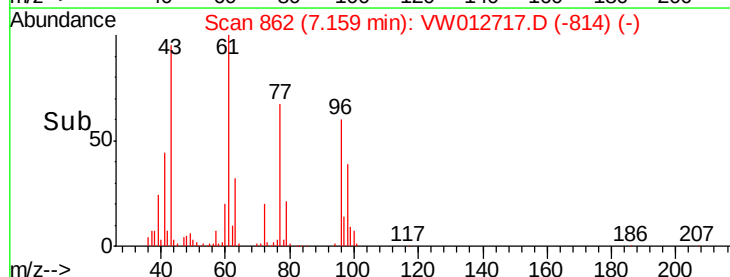
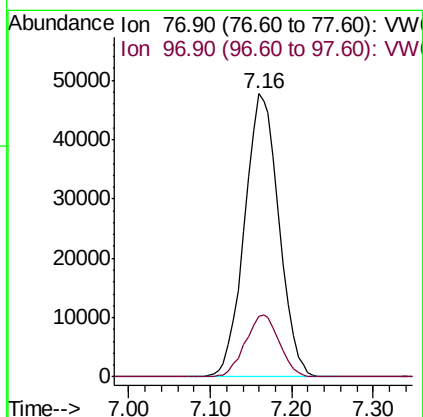
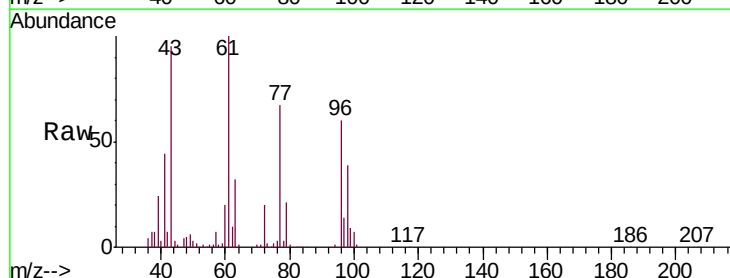
Acq: 07 Sep 2019 13:39

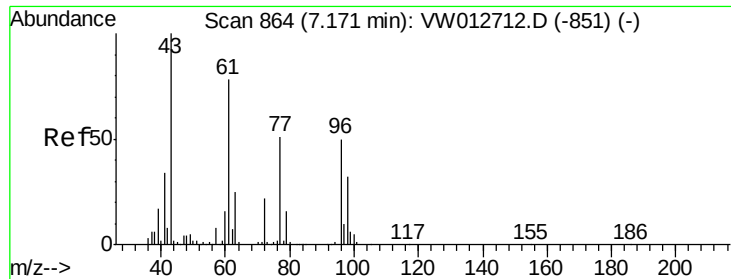
Tgt Ion: 77 Resp: 139671

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1



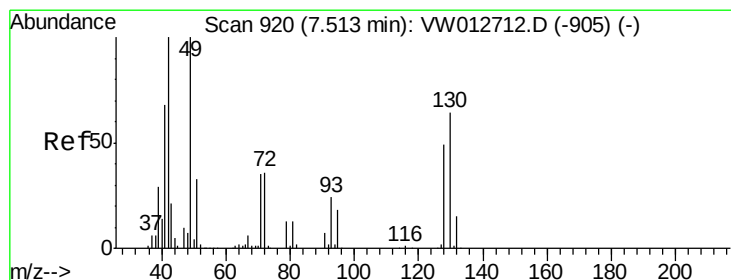
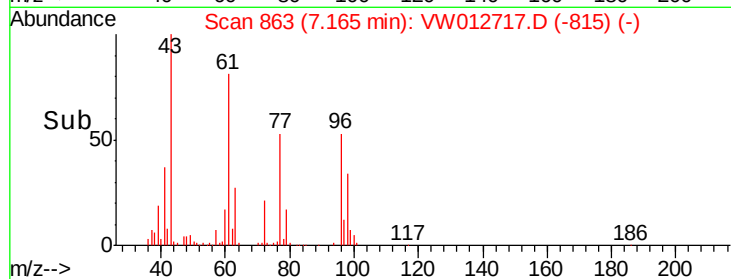
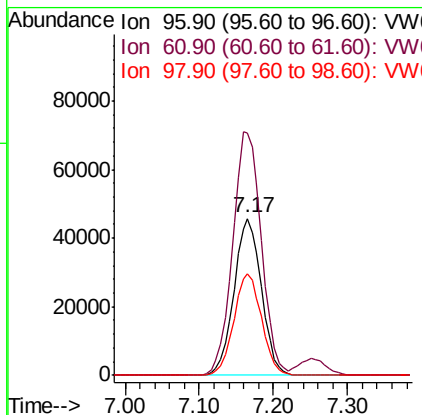
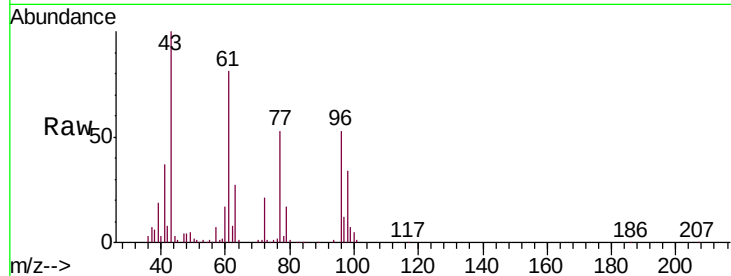


#27

cis-1,2-Dichloroethene
 Concen: 52.971 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

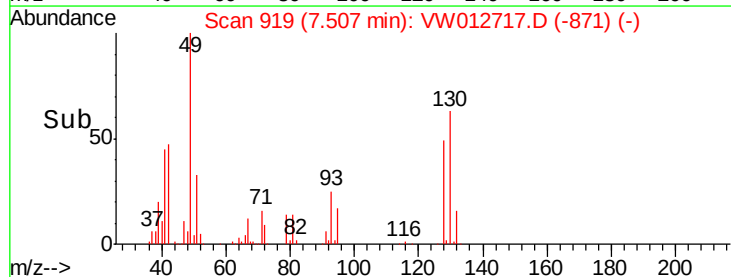
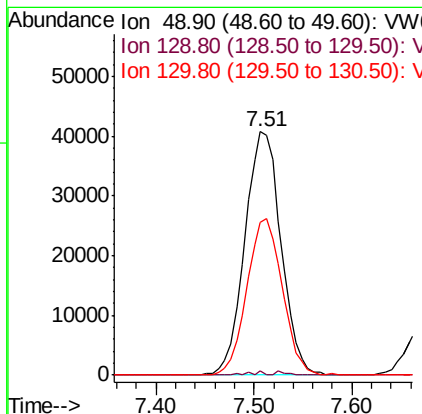
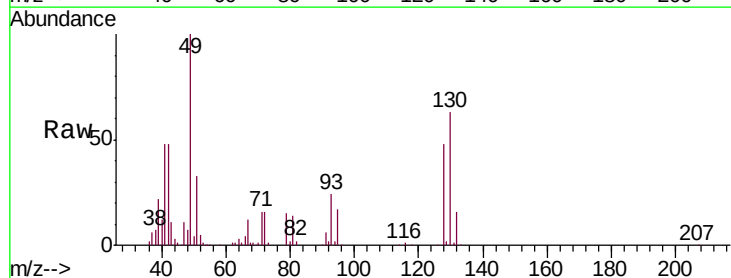
Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	0.0	325.8
98	65.7	0.0	127.0

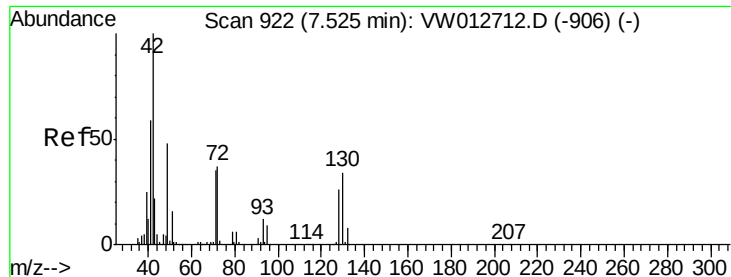


#28

Bromochloromethane
 Concen: 54.713 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	0.8
130	63.1	49.8	74.8

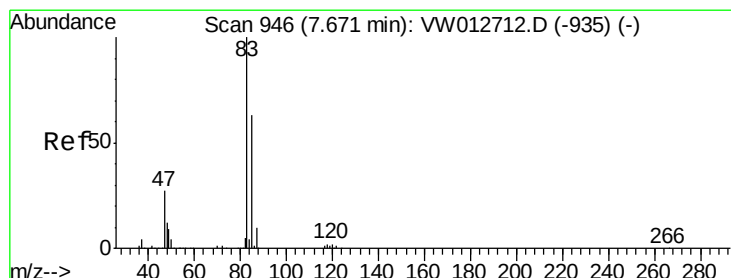
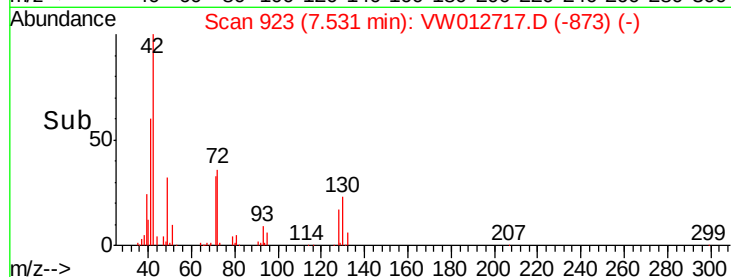
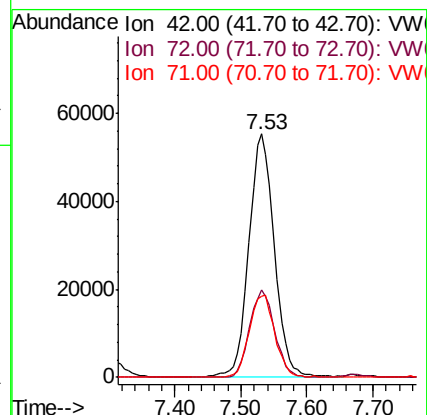
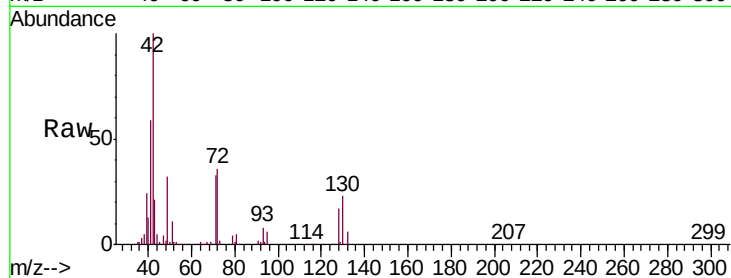




#29
Tetrahydrofuran
Concen: 265.897 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

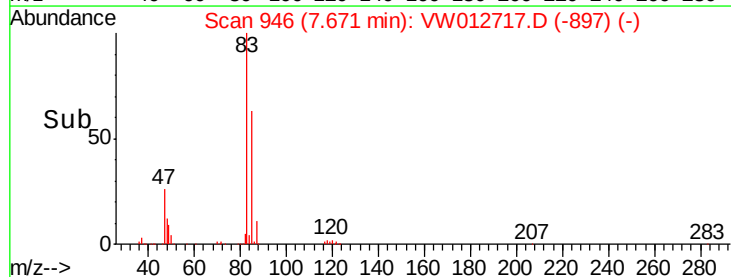
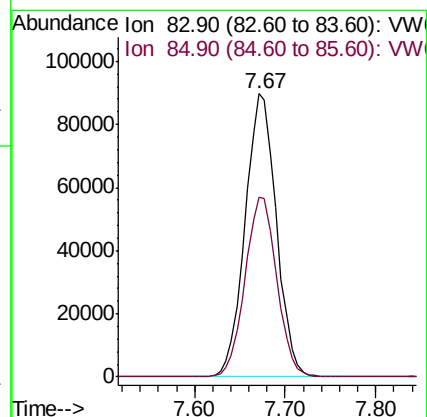
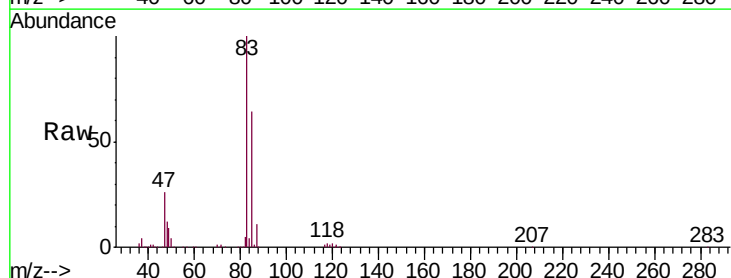
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

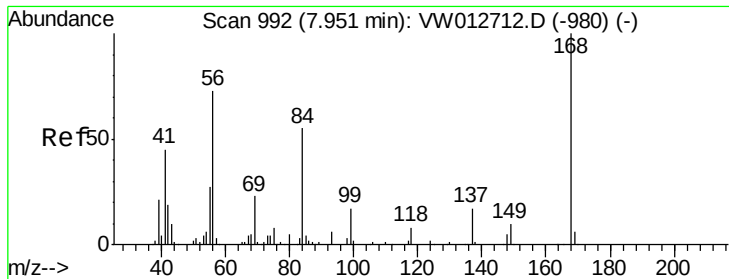
Tgt Ion: 42 Resp: 149085
Ion Ratio Lower Upper
42 100
72 35.2 28.4 42.6
71 33.9 27.1 40.7



#30
Chloroform
Concen: 51.852 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 83 Resp: 213694
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0

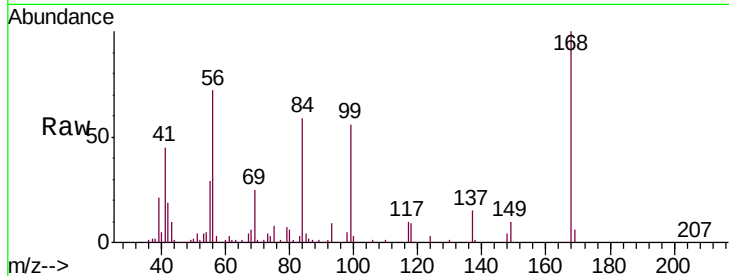




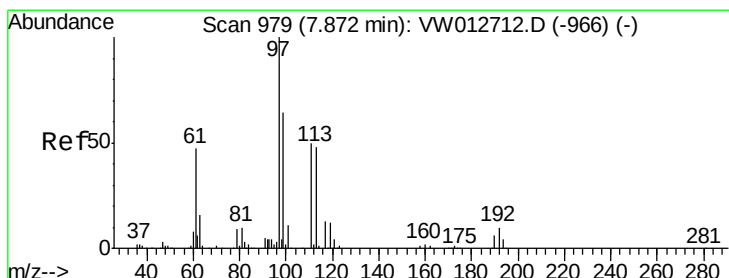
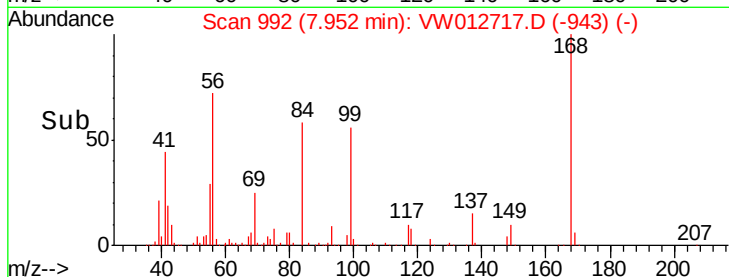
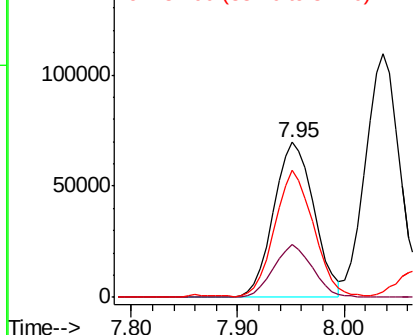
#31
Cyclohexane
Concen: 48.861 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 182921
Ion Ratio Lower Upper
56 100
69 34.2 25.7 38.5
84 81.2 60.4 90.6

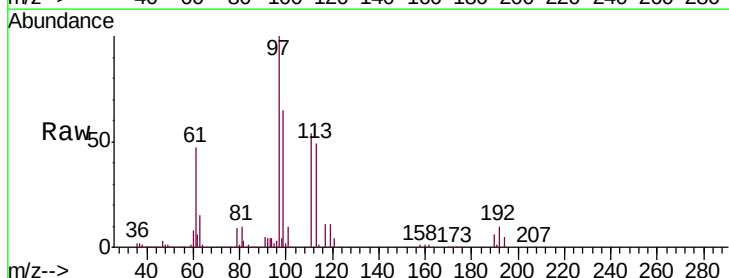


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

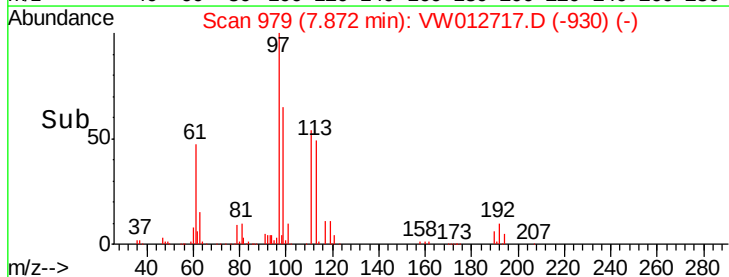
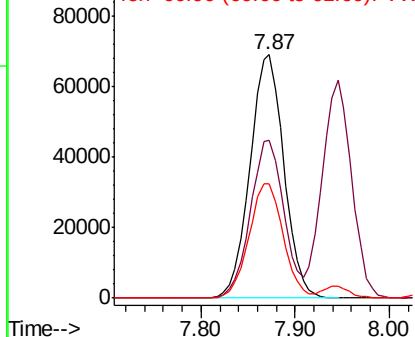


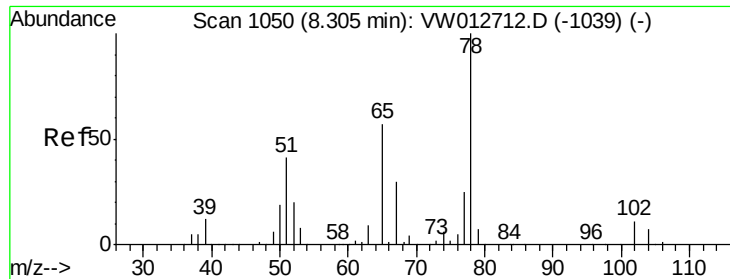
#32
1,1,1-Trichloroethane
Concen: 52.048 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 97 Resp: 173876
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 47.3 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

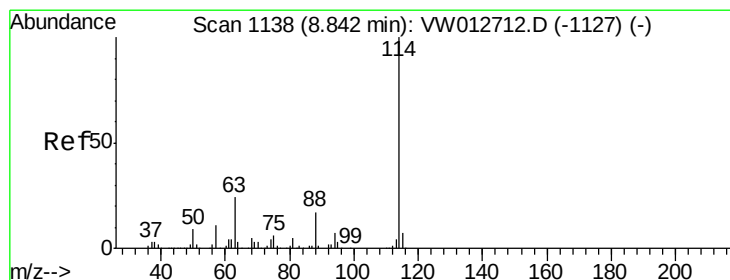
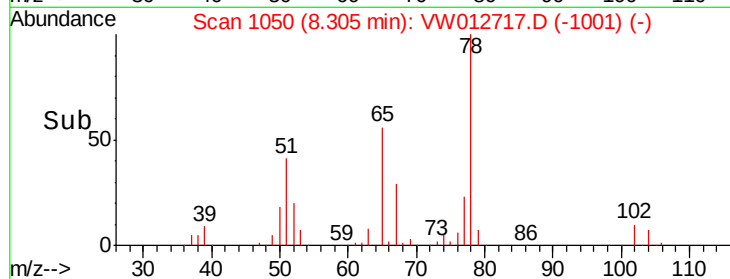
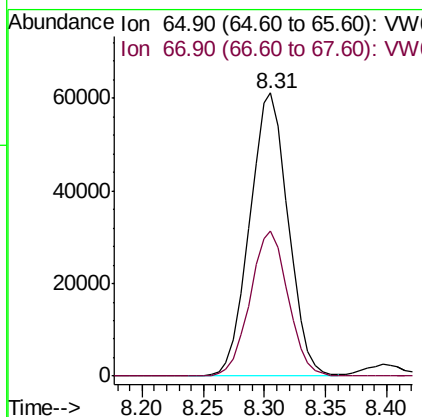
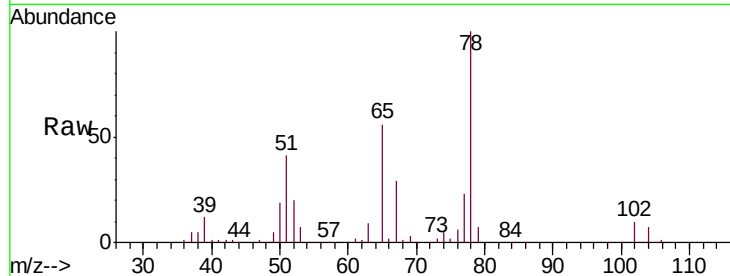




#33
 1,2-Dichloroethane-d4
 Concen: 52.611 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

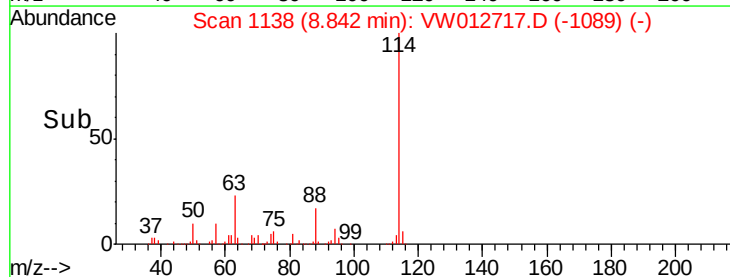
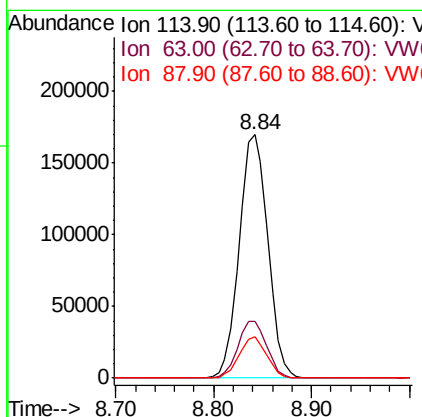
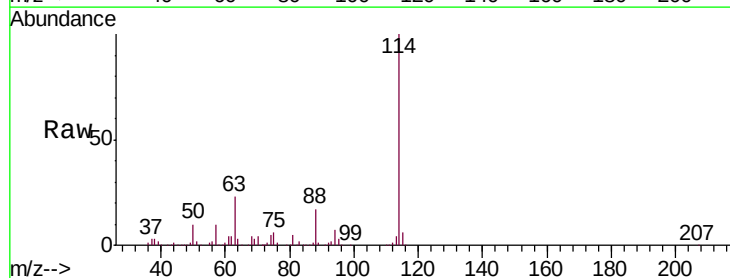
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

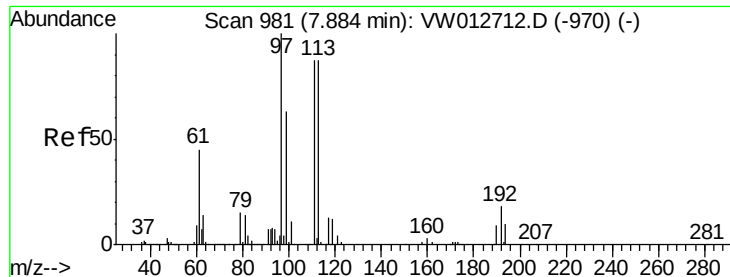
Tgt Ion: 65 Resp: 133992
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 114 Resp: 344618
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.880 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

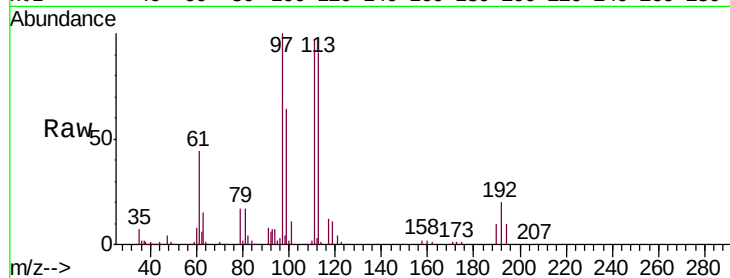
Tgt Ion: 113 Resp: 102196

Ion Ratio Lower Upper

113 100

111 105.0 80.2 120.4

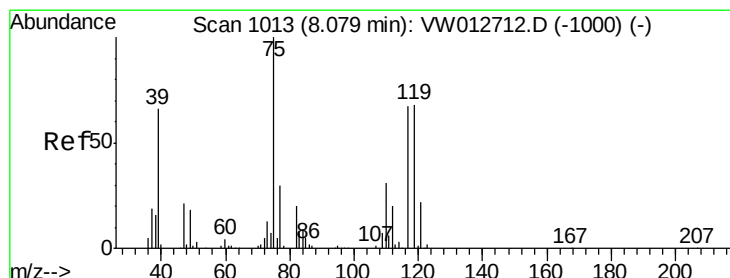
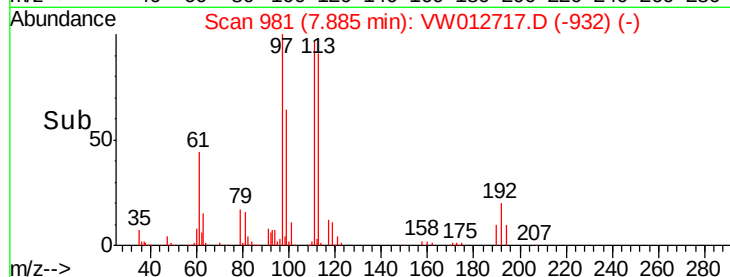
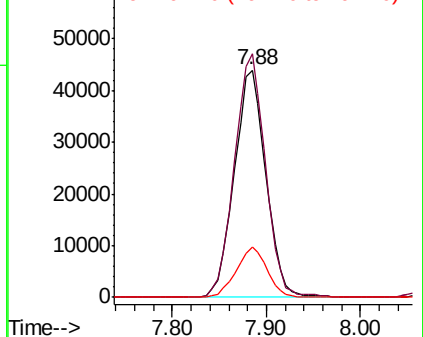
192 21.6 17.3 25.9



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: 52.013 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

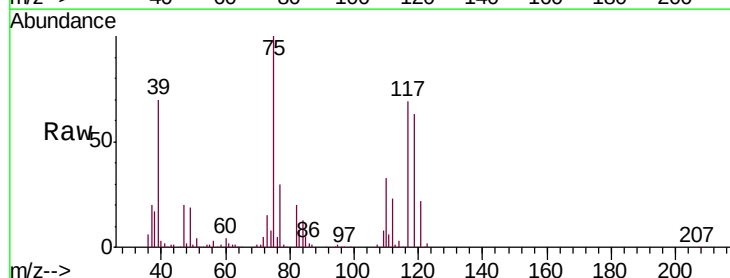
Tgt Ion: 75 Resp: 159265

Ion Ratio Lower Upper

75 100

110 32.2 15.9 47.7

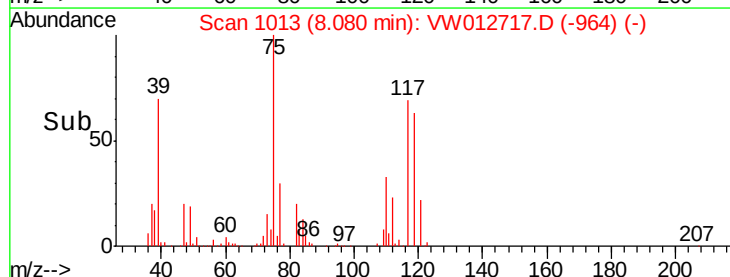
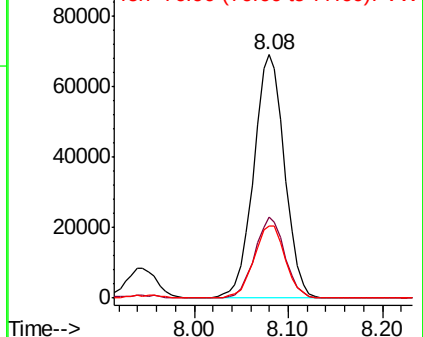
77 30.5 25.0 37.4

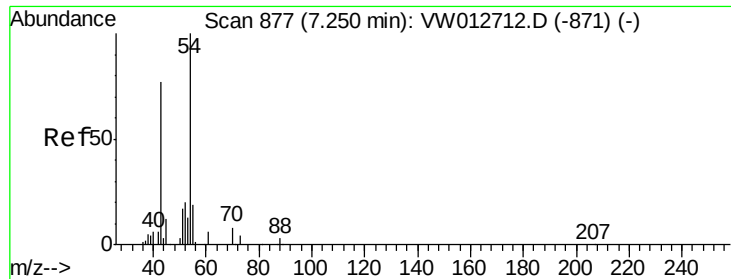


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

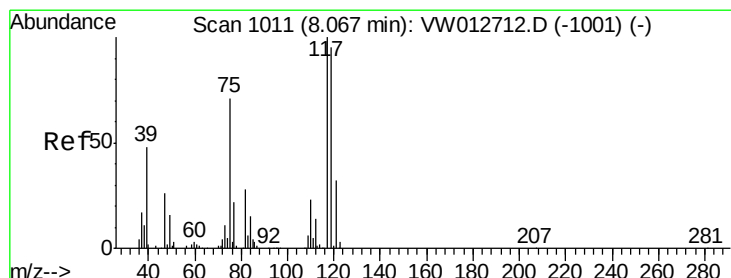
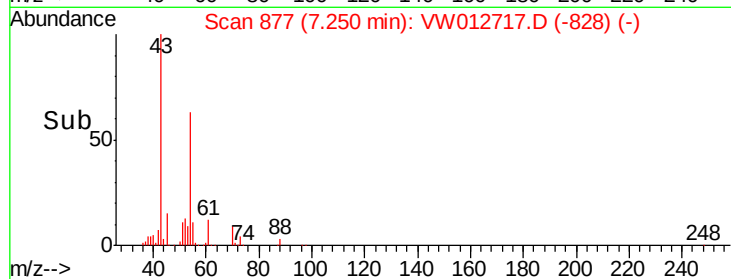
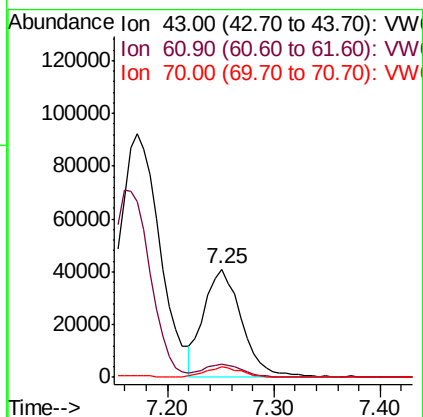
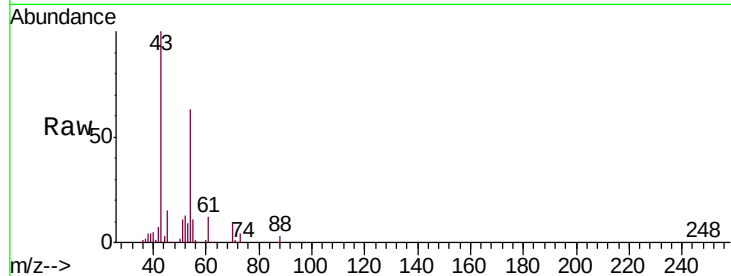




#37
 Ethyl Acetate
 Concen: 51.426 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

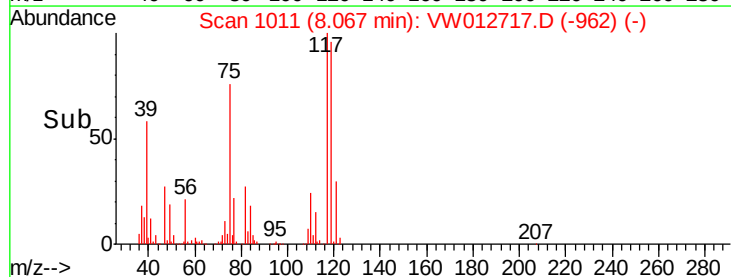
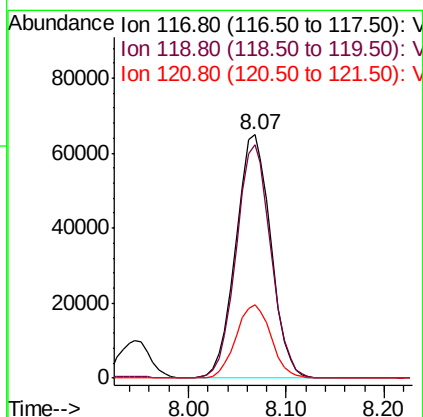
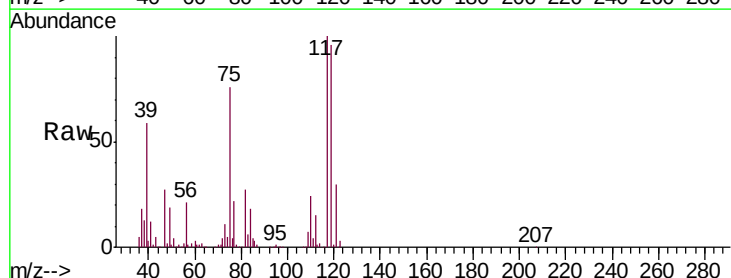
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

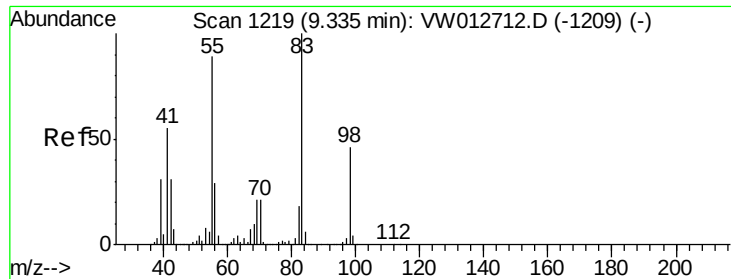
Tgt Ion: 43 Resp: 100382
 Ion Ratio Lower Upper
 43 100
 61 12.6 9.5 14.3
 70 9.3 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 53.314 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 117 Resp: 160924
 Ion Ratio Lower Upper
 117 100
 119 95.7 76.2 114.2
 121 30.2 25.4 38.2

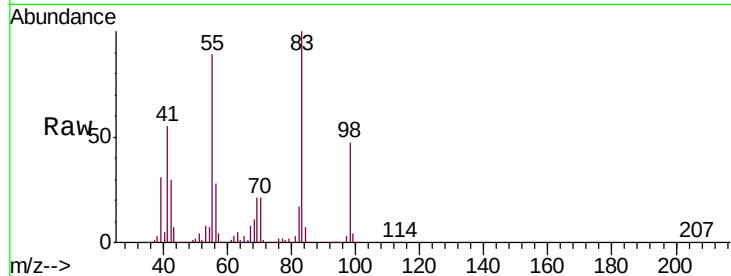




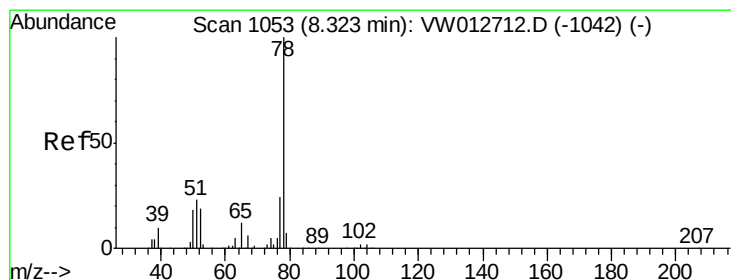
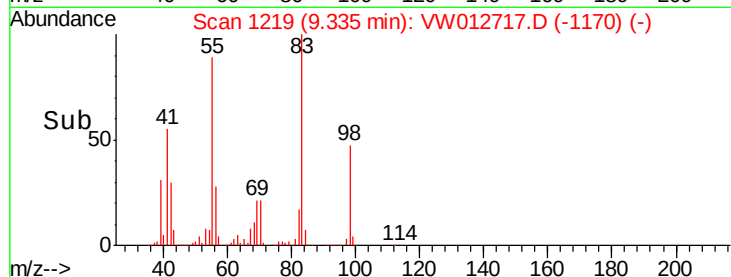
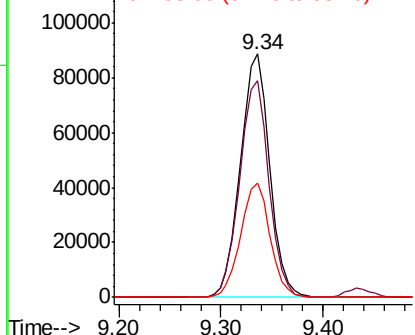
#39
Methylcyclohexane
Concen: 51.595 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 177439
Ion Ratio Lower Upper
83 100
55 89.3 71.0 106.4
98 47.2 36.9 55.3

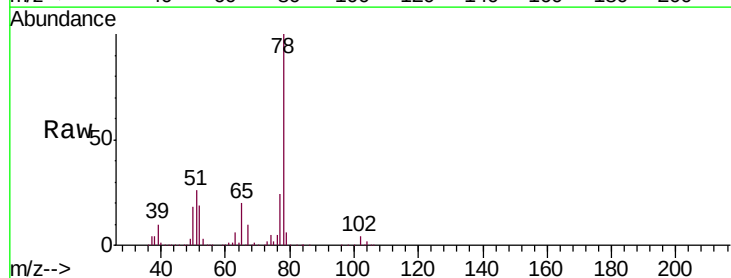


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

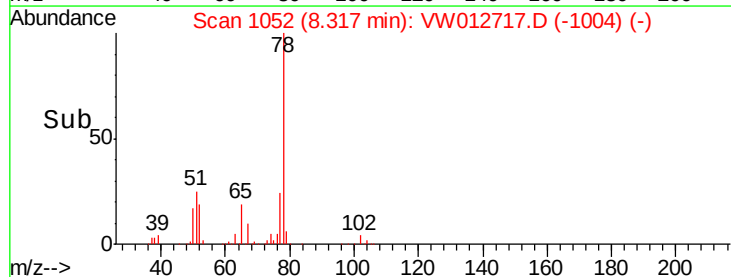
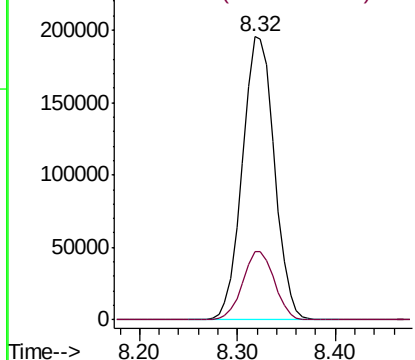


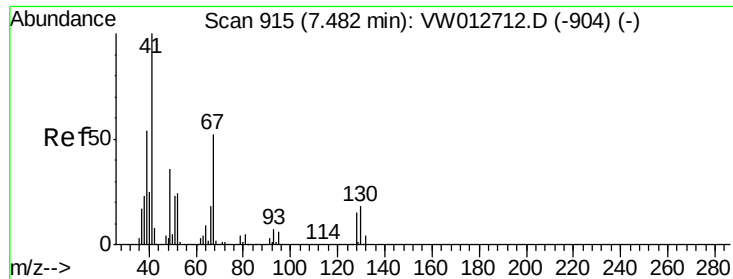
#40
Benzene
Concen: 52.255 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 78 Resp: 443939
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



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

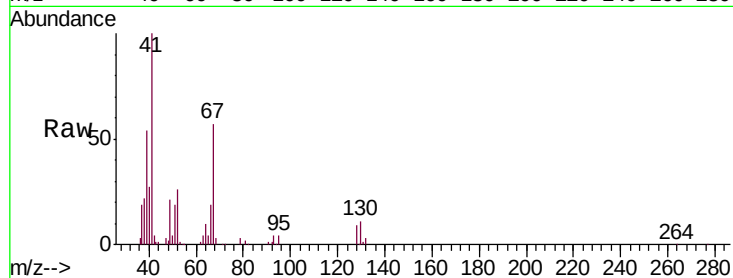




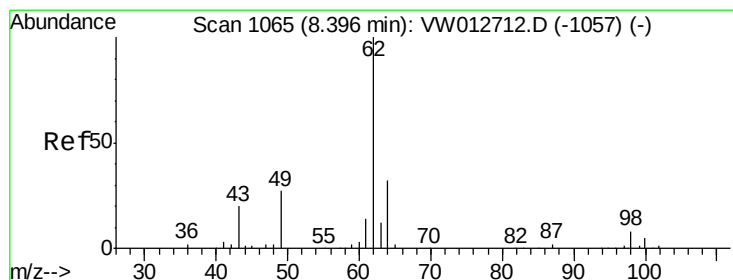
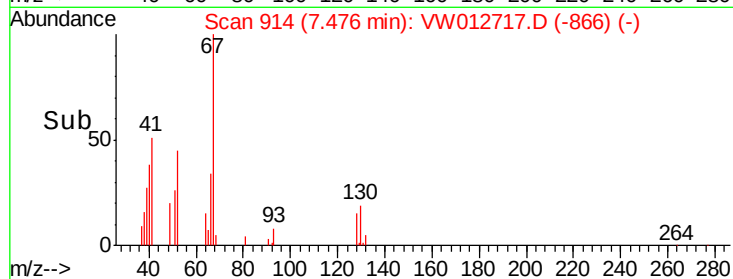
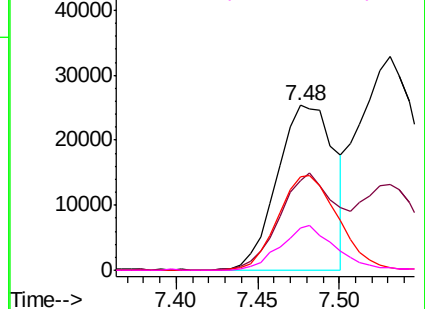
#41
Methacrylonitrile
Concen: 46.940 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	61947
Ion	Ratio	Lower	Upper
41	100		
39	60.2	47.5	71.3
67	60.6	45.1	67.7
52	27.0	20.2	30.2

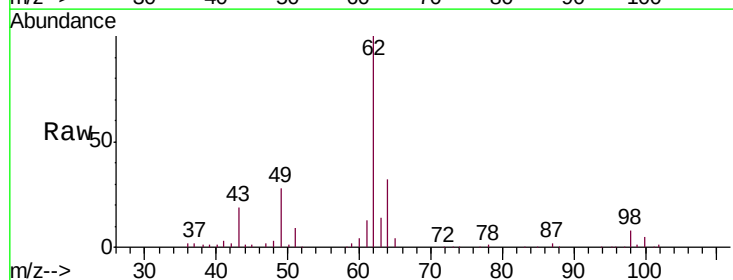


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

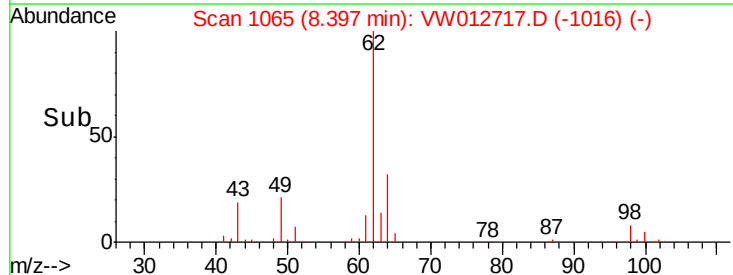
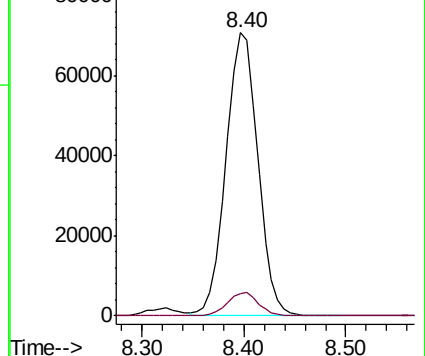


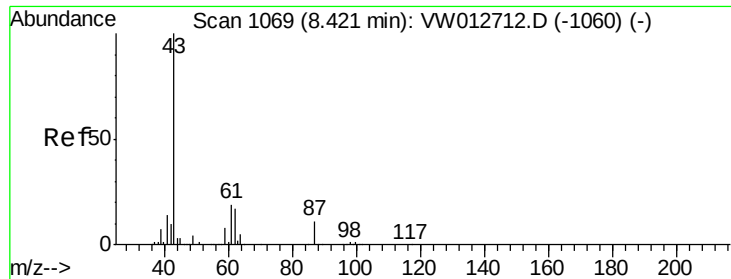
#42
1,2-Dichloroethane
Concen: 51.126 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion:	62	Resp:	152863
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

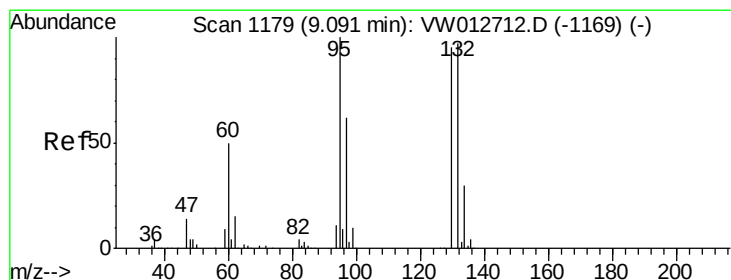
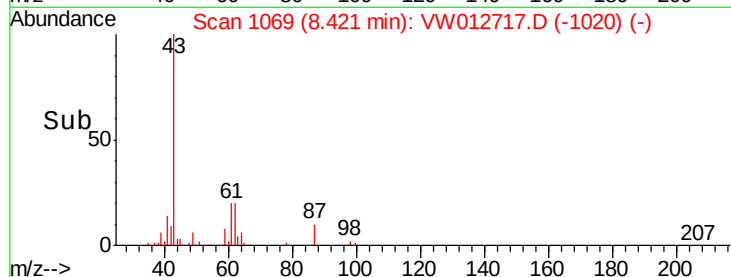
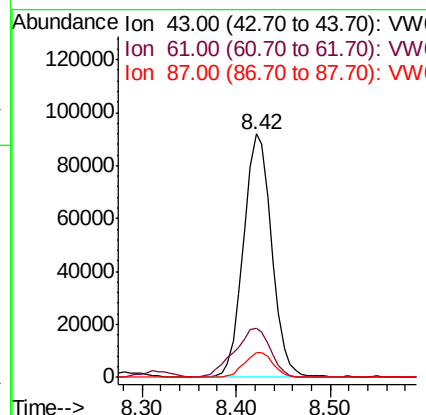
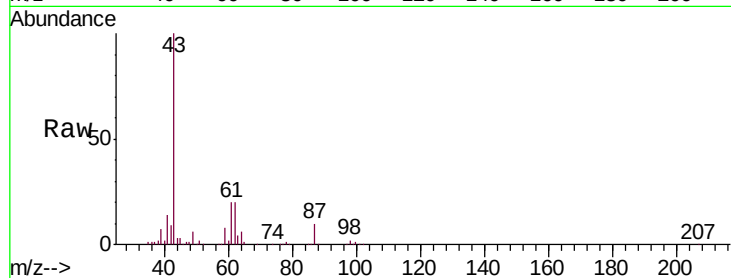




#43
Isopropyl Acetate
Concen: 51.866 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

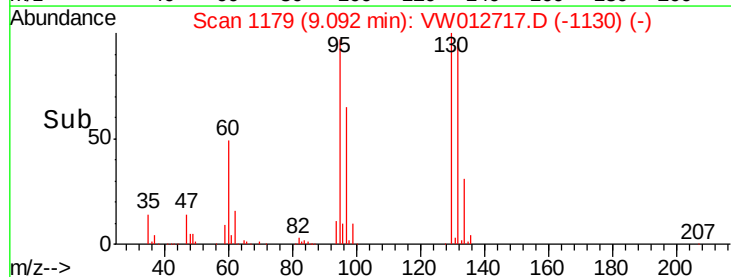
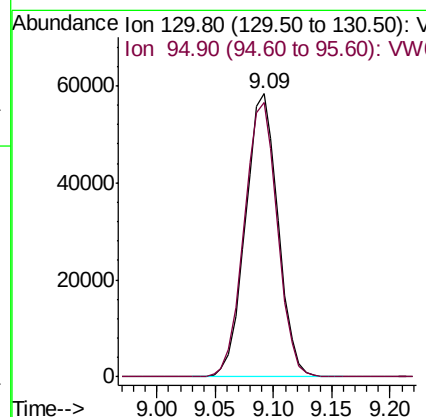
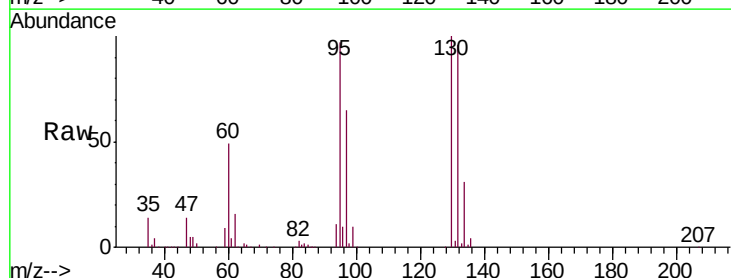
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

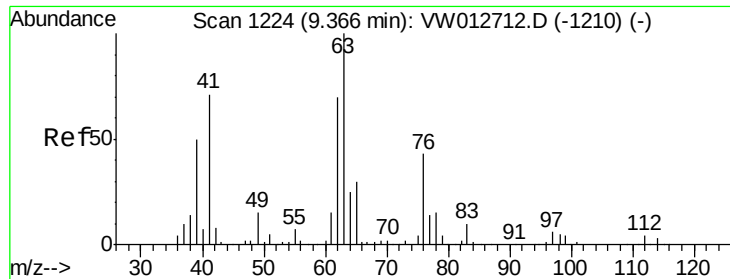
Tgt Ion: 43 Resp: 191807
Ion Ratio Lower Upper
43 100
61 25.6 20.6 30.8
87 10.6 8.6 13.0



#44
Trichloroethene
Concen: 52.077 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 130 Resp: 114045
Ion Ratio Lower Upper
130 100
95 96.8 0.0 210.6

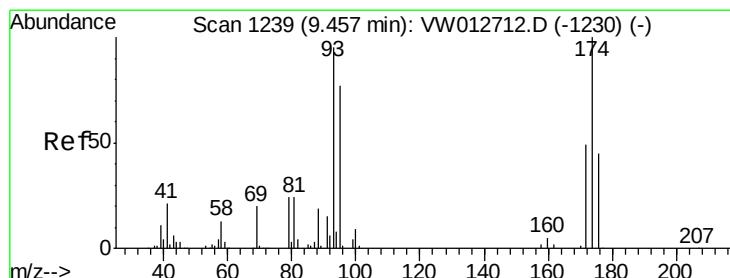
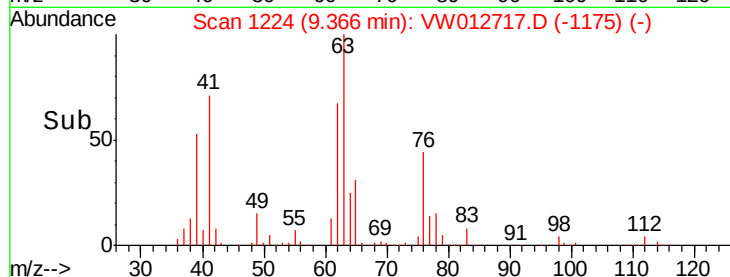
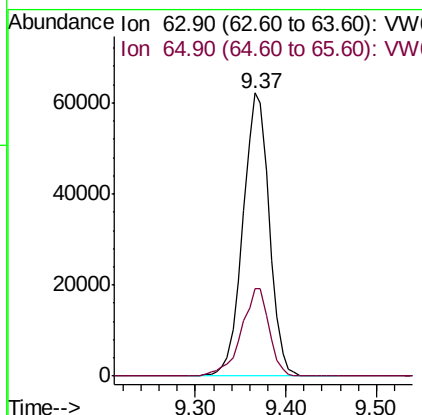
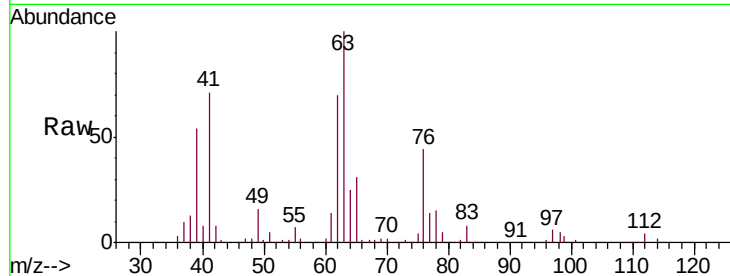




#45
 1,2-Dichloropropane
 Concen: 52.921 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

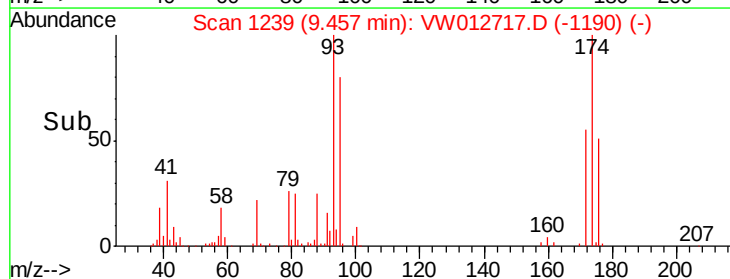
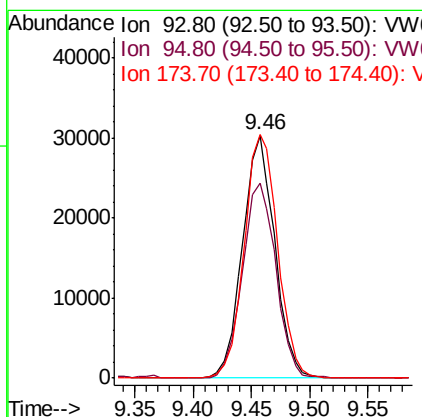
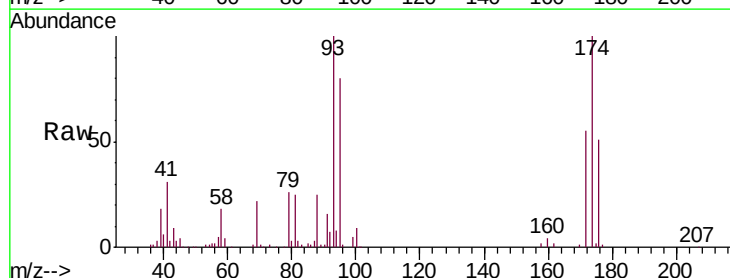
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

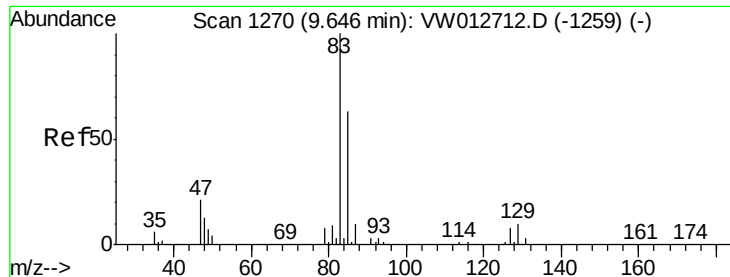
Tgt Ion: 63 Resp: 124697
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.8



#46
 Dibromomethane
 Concen: 52.353 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 93 Resp: 58415
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.2 97.8
 174 103.8 84.2 126.4





#47

Bromodichloromethane

Concen: 52.848 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

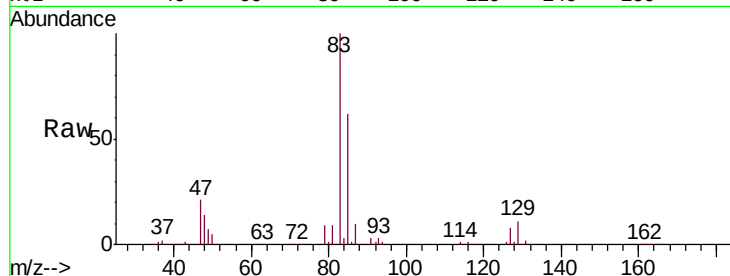
Tgt Ion: 83 Resp: 162233

Ion Ratio Lower Upper

83 100

85 61.7 50.2 75.2

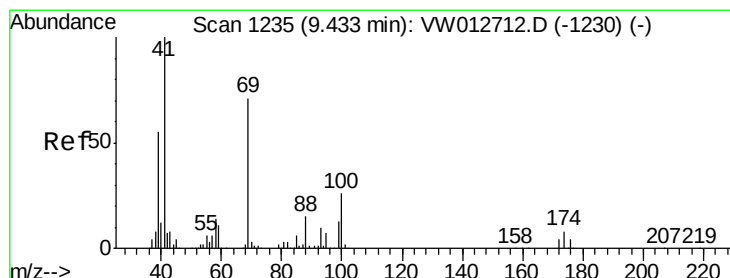
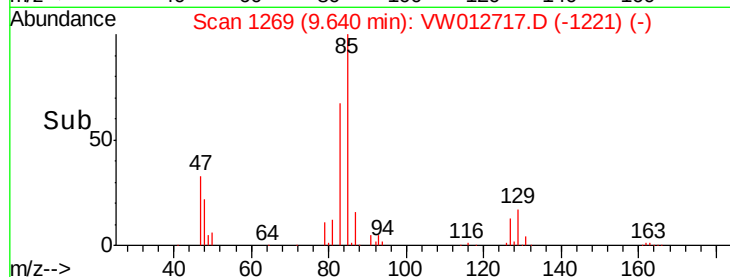
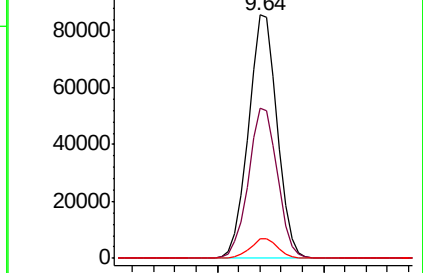
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.463 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

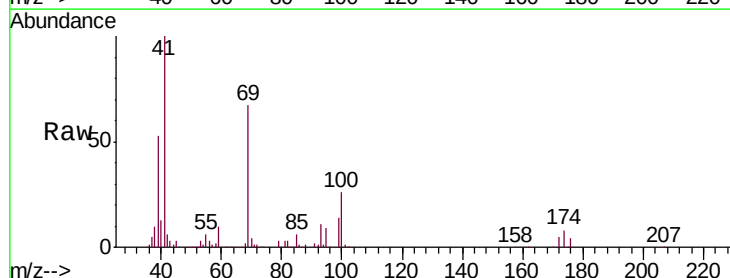
Tgt Ion: 41 Resp: 92717

Ion Ratio Lower Upper

41 100

69 72.6 59.8 89.8

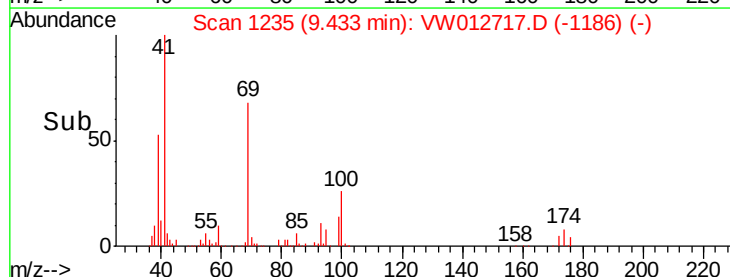
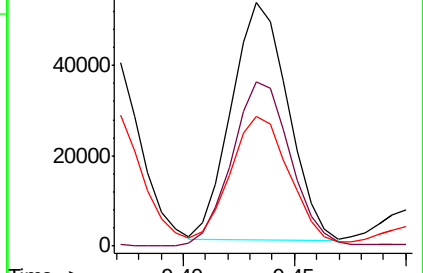
39 58.4 47.0 70.6

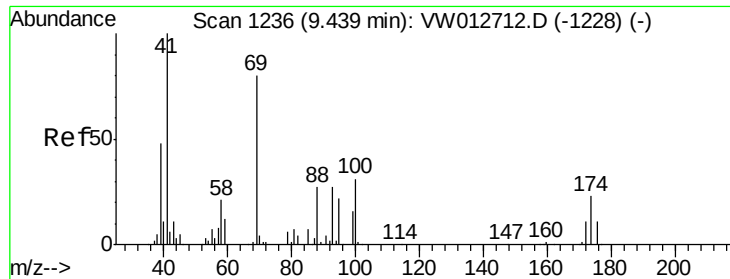


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

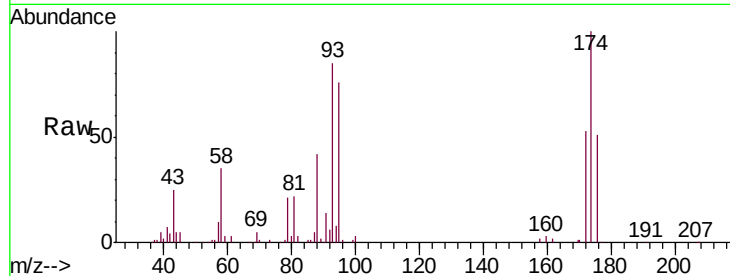




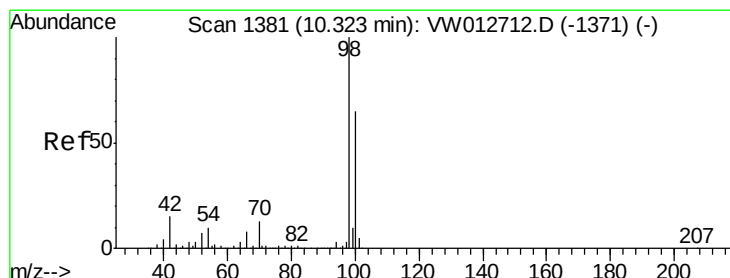
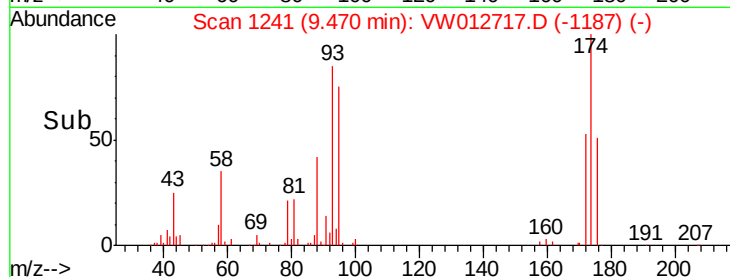
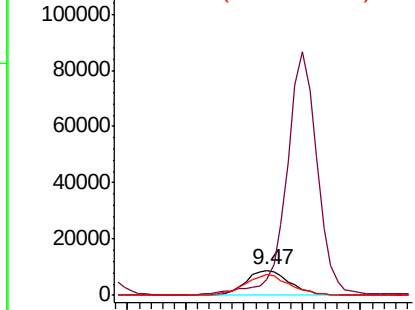
#49
1,4-Dioxane
Concen: 1065.512 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 23484
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 85.0 64.1 96.1

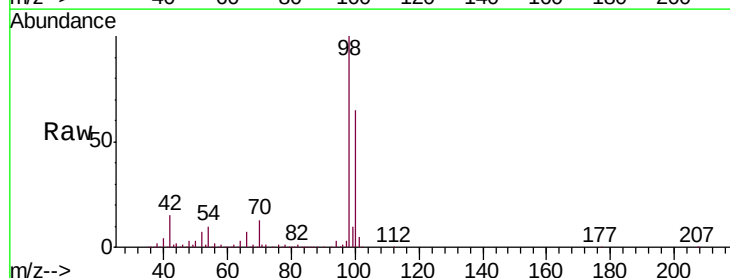


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

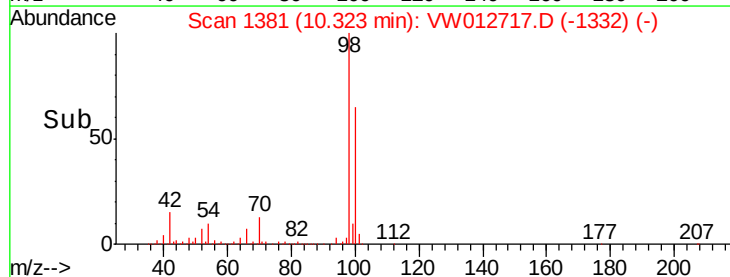
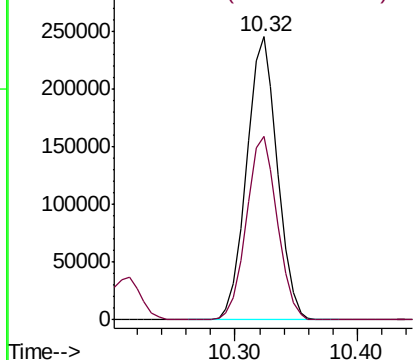


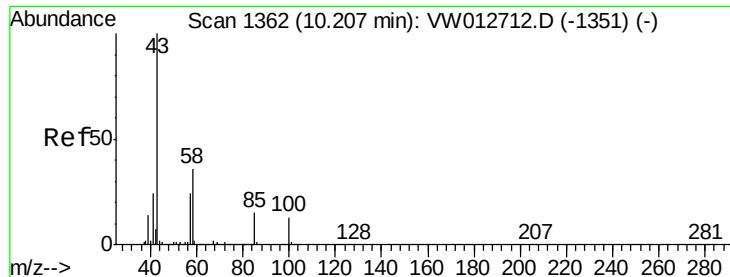
#50
Toluene-d8
Concen: 53.371 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 98 Resp: 428402
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



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

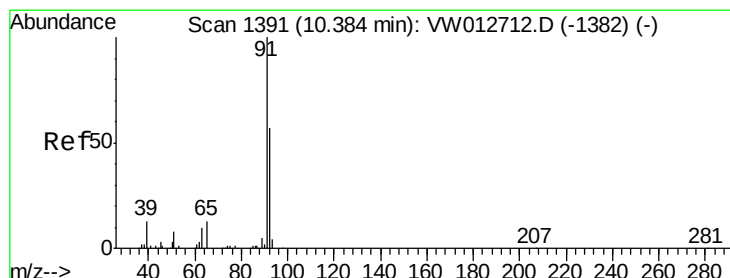
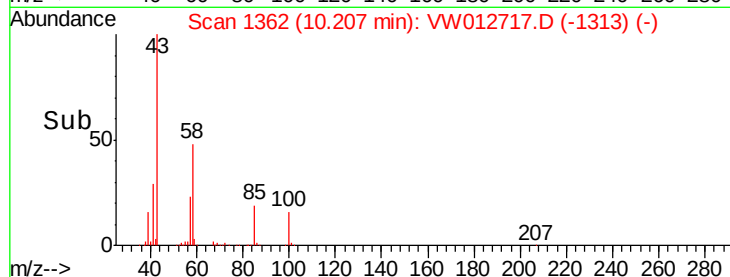
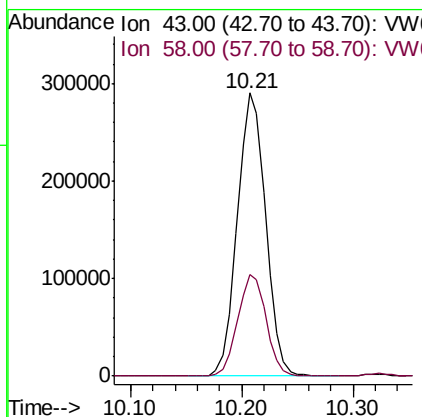
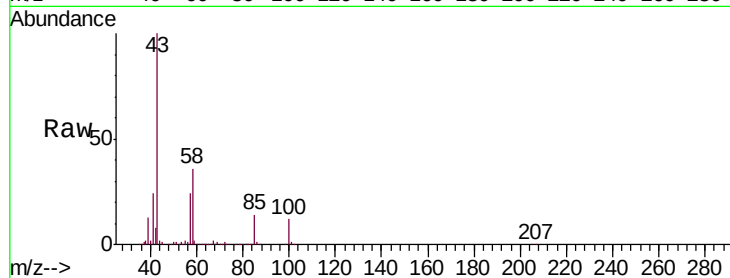




#51
 4-Methyl-2-Pentanone
 Concen: 263.000 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

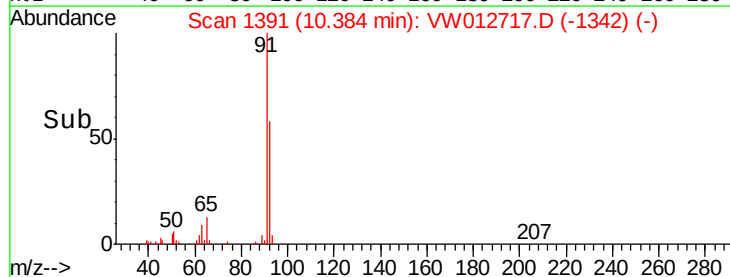
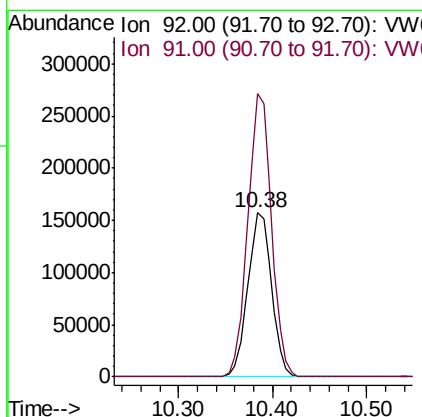
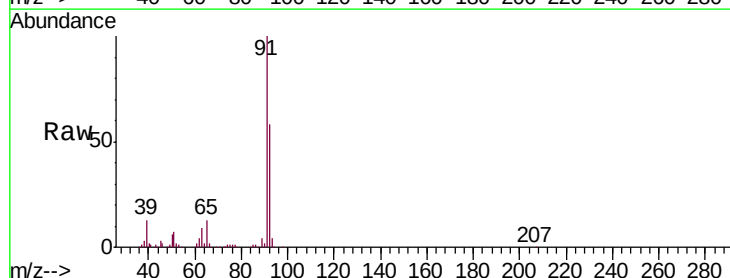
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

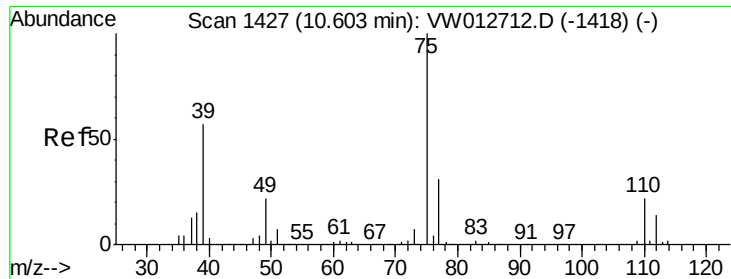
Tgt Ion: 43 Resp: 510351
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.4 42.6



#52
 Toluene
 Concen: 52.718 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 92 Resp: 279536
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 53.202 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

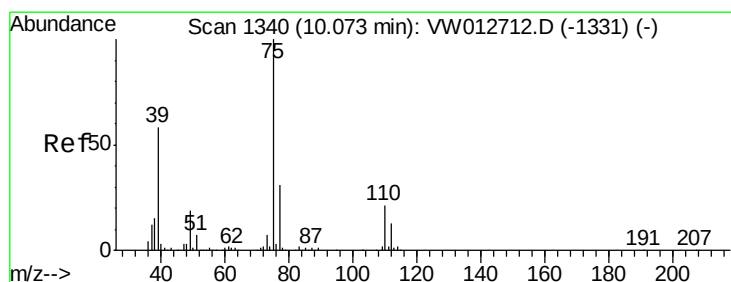
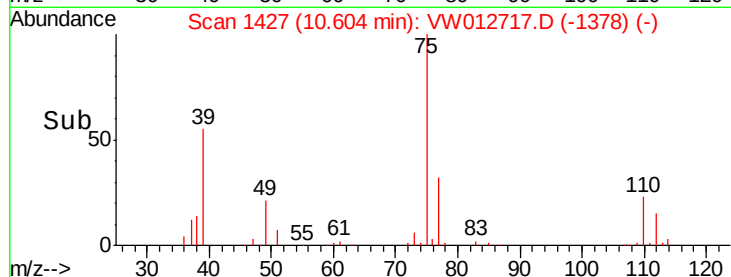
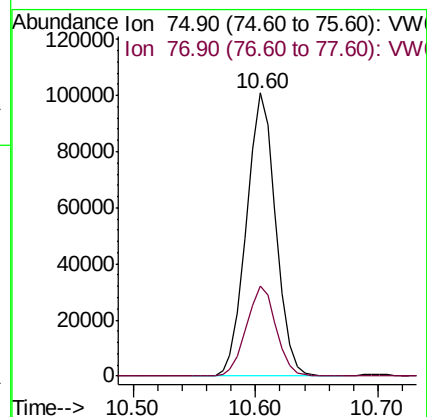
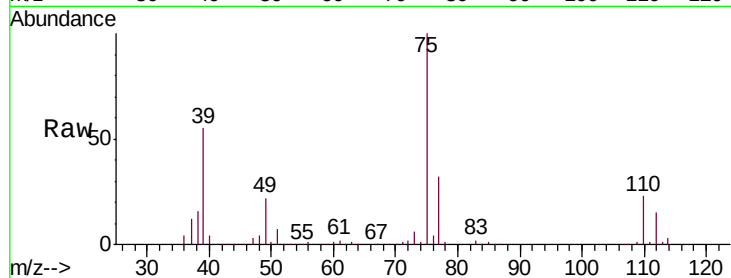
VSTDCCC050

Tgt Ion: 75 Resp: 167935

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 53.465 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

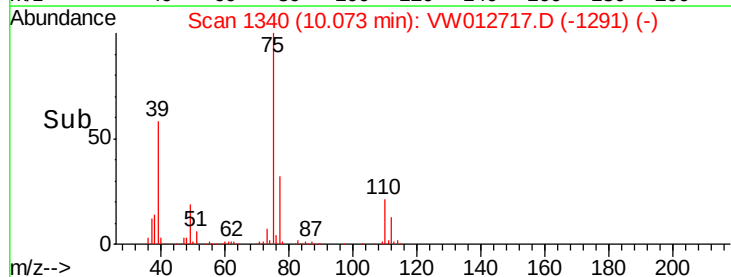
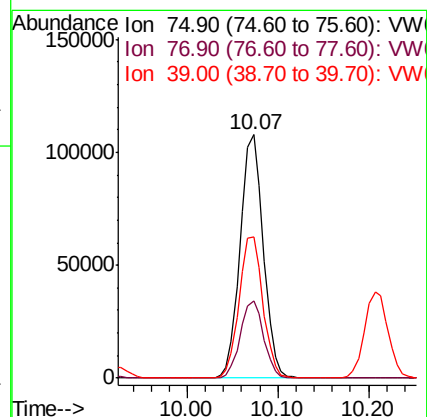
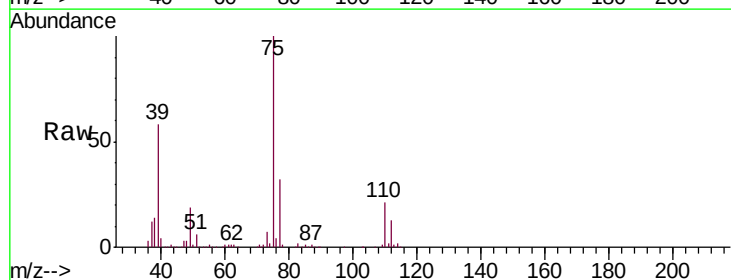
Tgt Ion: 75 Resp: 191451

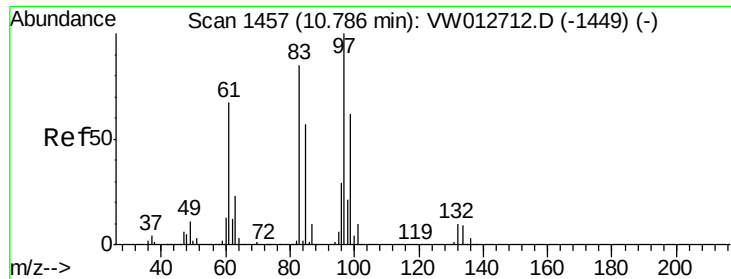
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 58.0 46.3 69.5

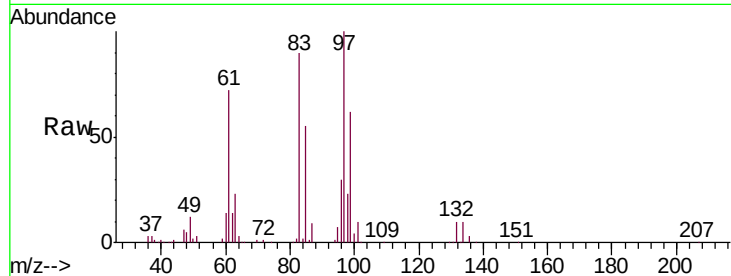




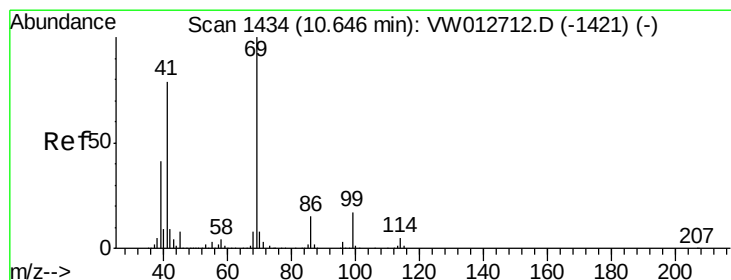
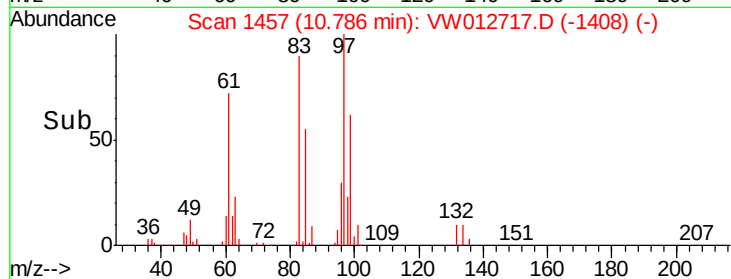
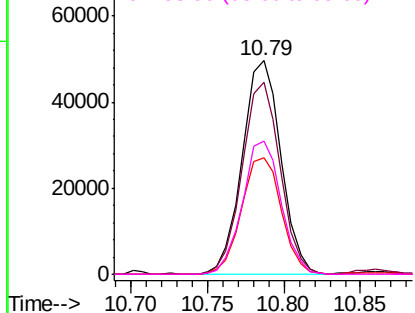
#55
 1,1,2-Trichloroethane
 Concen: 52.261 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	87300
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.1	102.1
85	54.6	45.3	67.9
99	62.1	50.0	75.0

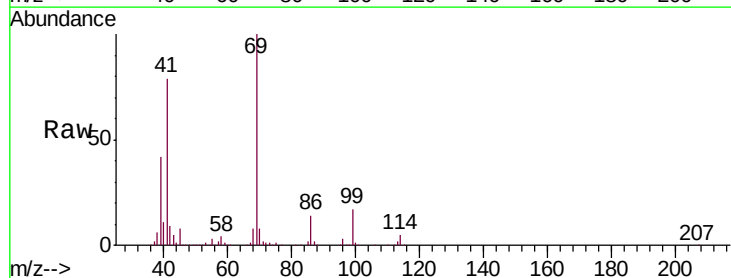


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

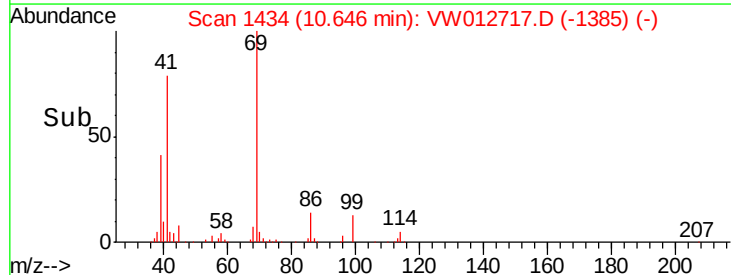
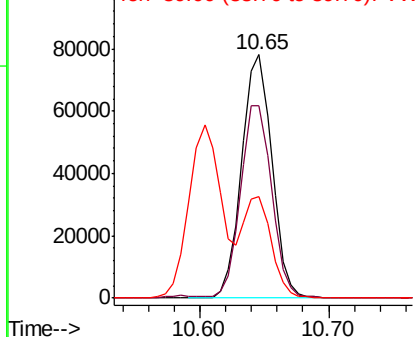


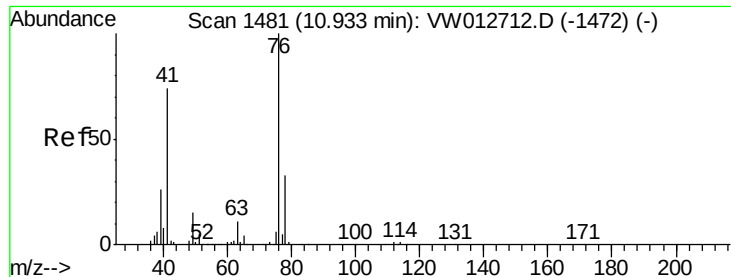
#56
 Ethyl methacrylate
 Concen: 51.822 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion:	69	Resp:	126718
Ion	Ratio	Lower	Upper
69	100		
41	81.3	64.4	96.6
39	38.1	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

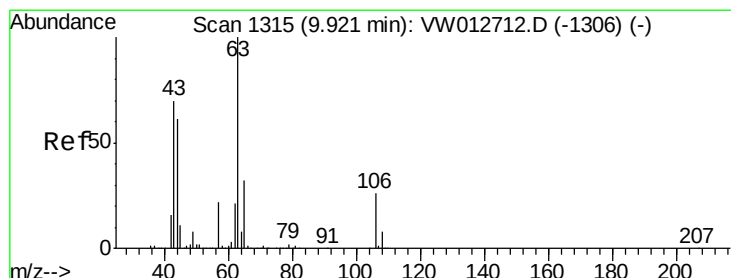
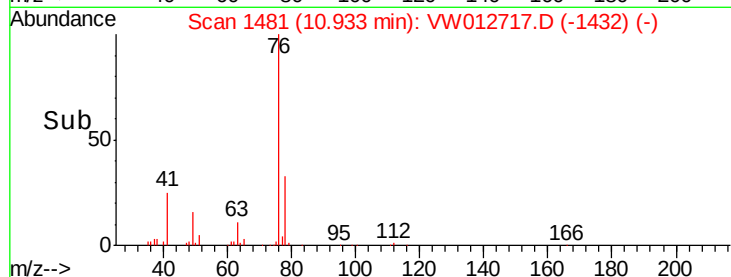
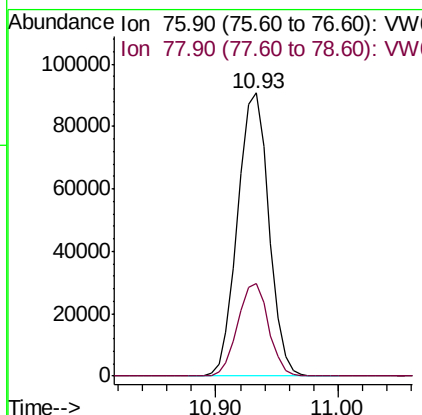
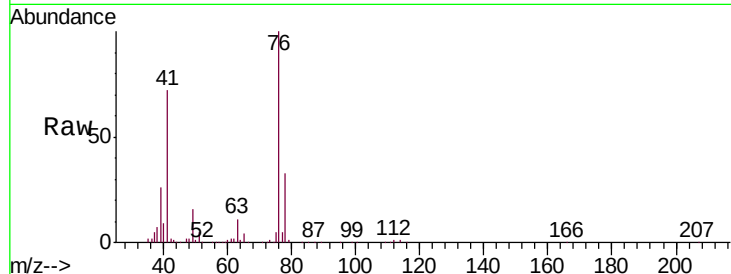




#57
 1,3-Dichloropropane
 Concen: 52.129 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

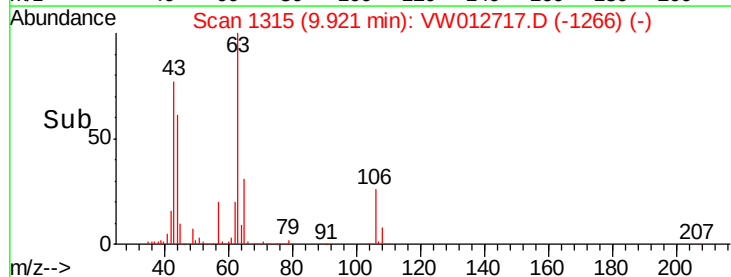
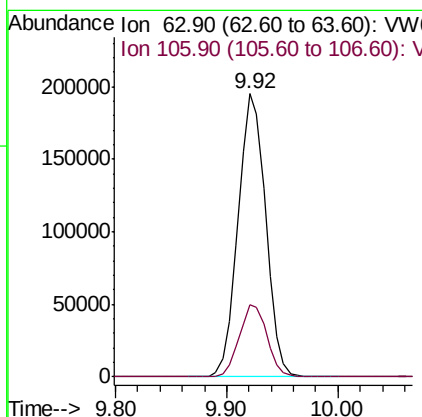
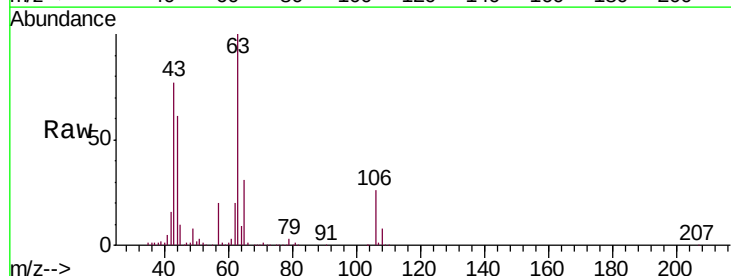
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

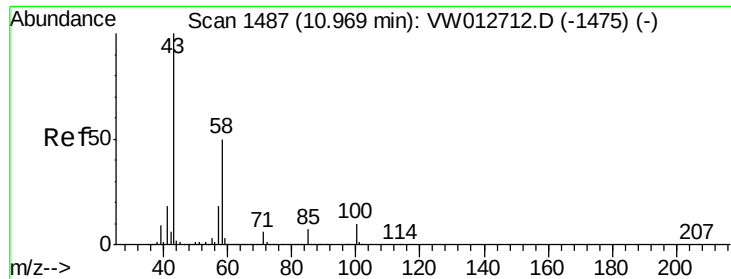
Tgt Ion: 76 Resp: 161098
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.571 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 63 Resp: 335659
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.5 30.7

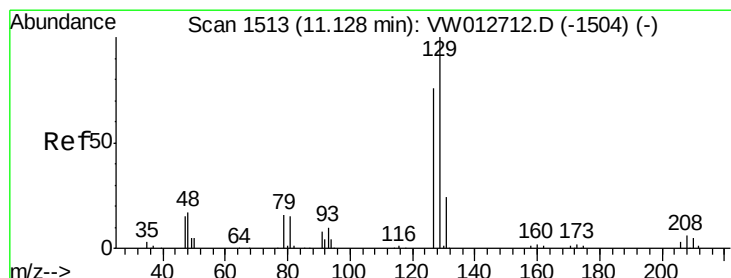
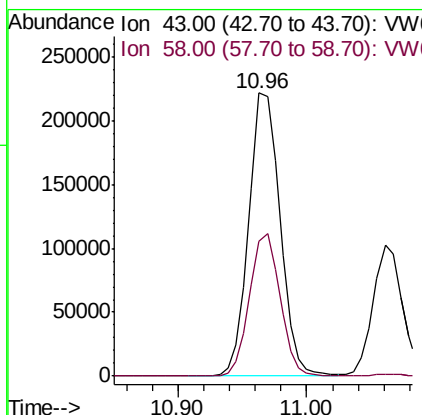
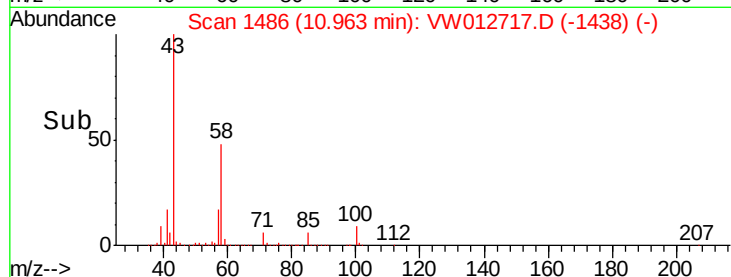
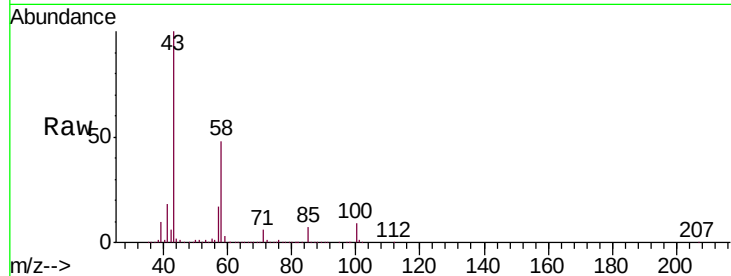




#59
2-Hexanone
Concen: 262.077 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

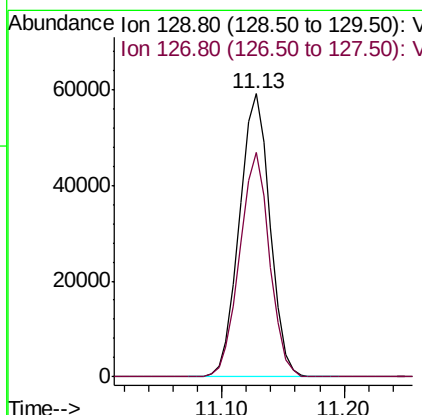
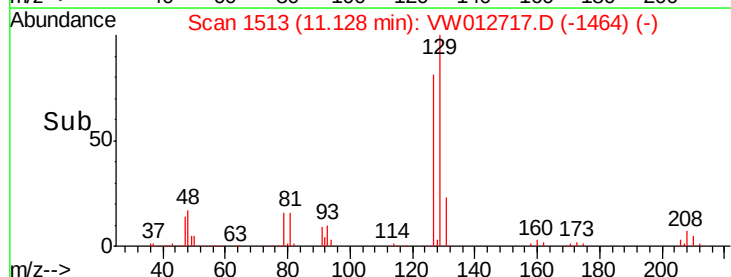
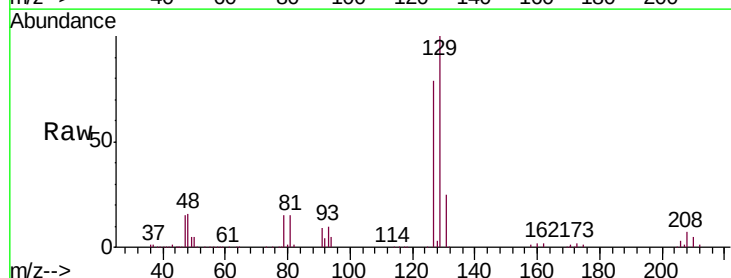
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

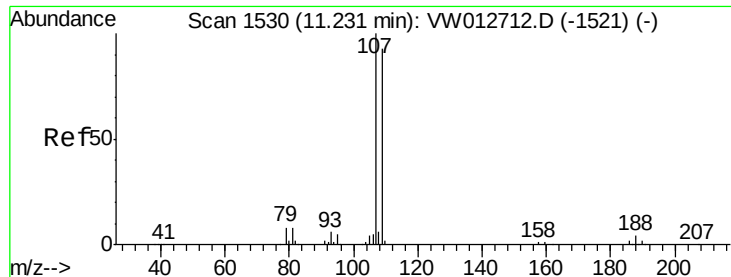
Tgt Ion: 43 Resp: 371546
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 52.155 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 129 Resp: 102464
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

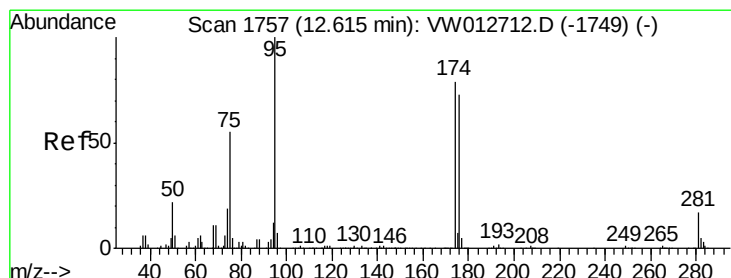
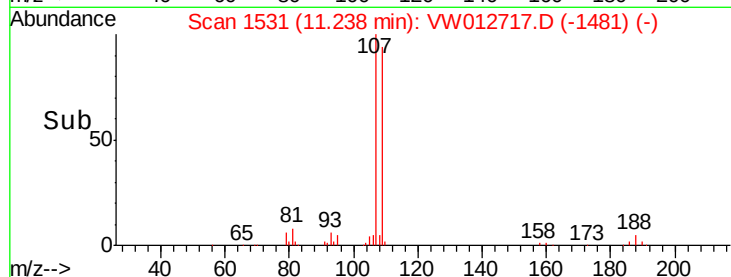
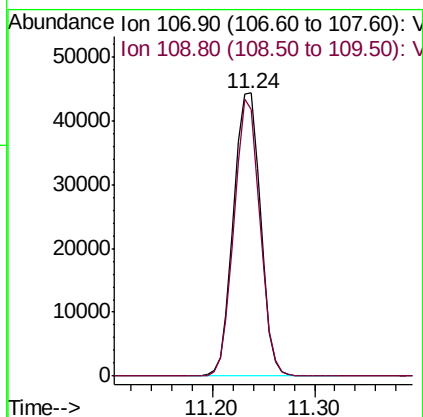
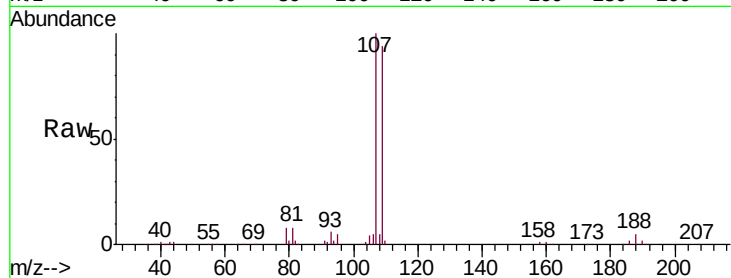




#61
 1,2-Dibromoethane
 Concen: 53.003 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

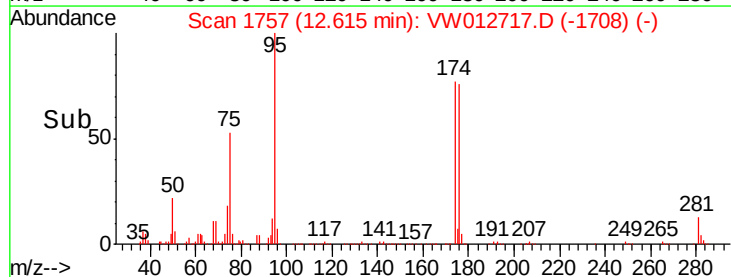
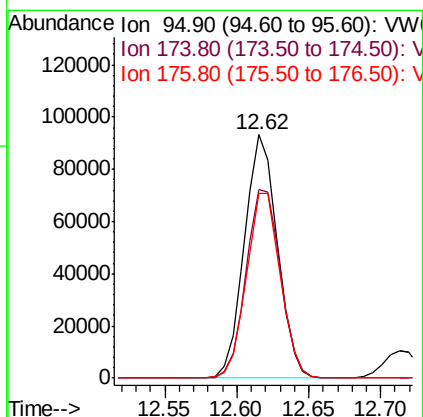
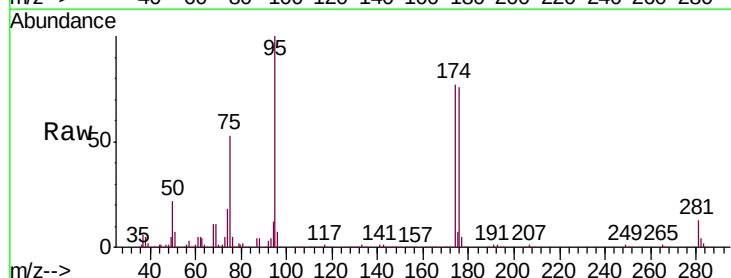
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

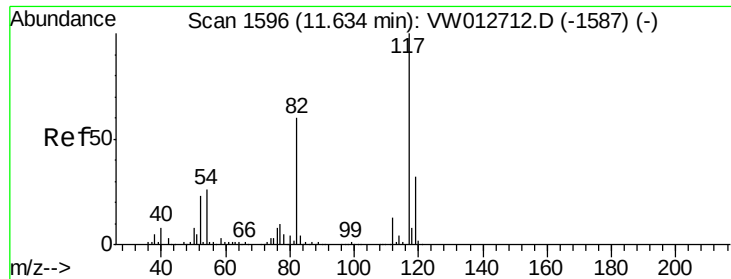
Tgt Ion: 107 Resp: 81174
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.686 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 95 Resp: 147701
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 161.0
 176 77.7 0.0 156.4

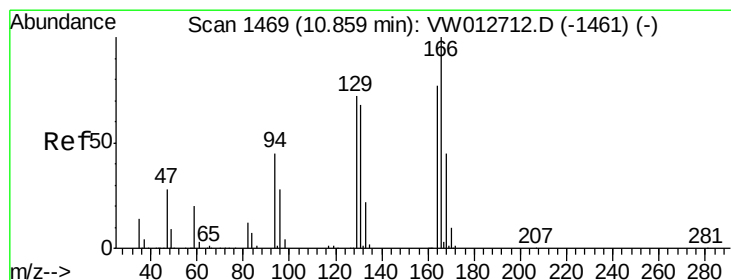
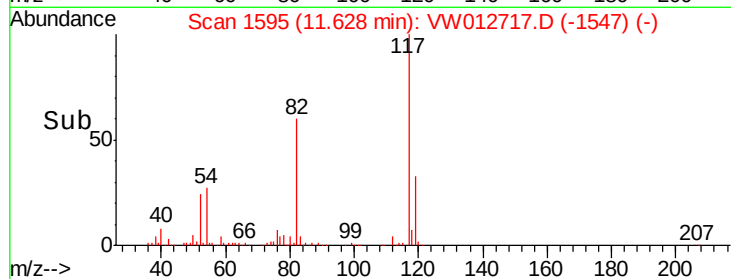
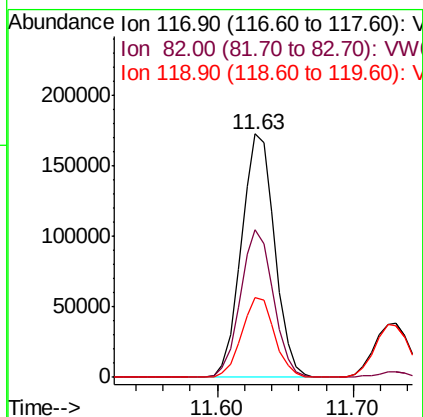
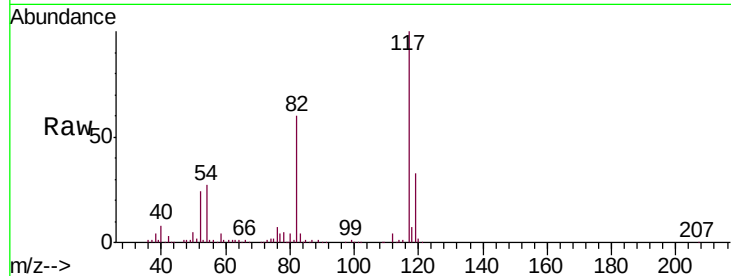




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

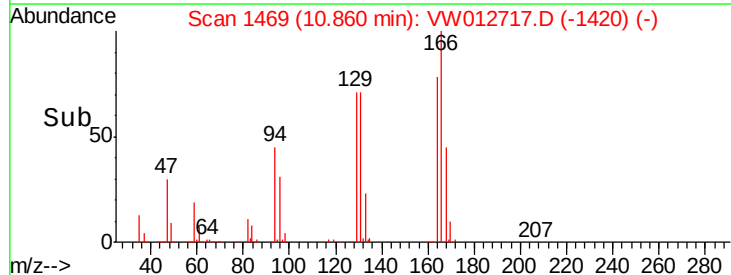
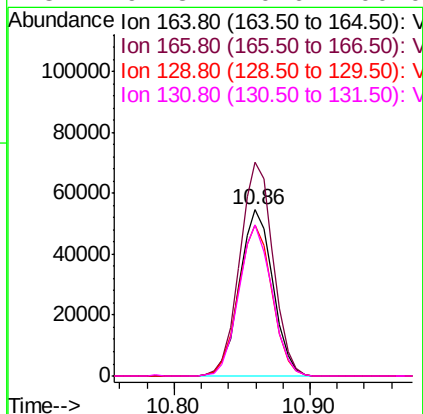
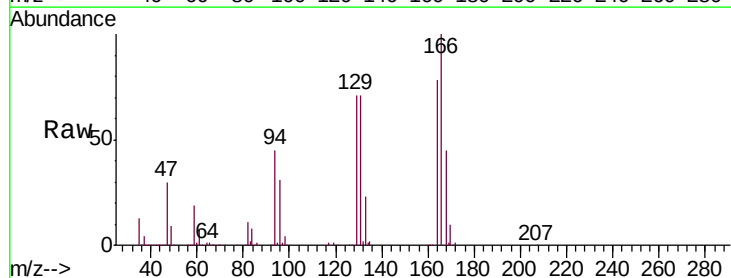
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

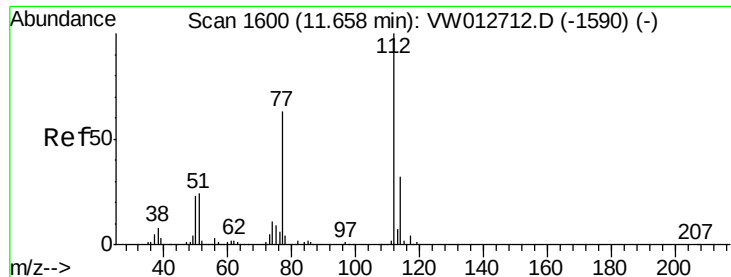
Tgt Ion:117 Resp: 294371
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 52.550 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion:164 Resp: 93864
Ion Ratio Lower Upper
164 100
166 128.8 103.6 155.4
129 90.9 74.6 112.0
131 91.3 70.6 106.0





#65

Chlorobenzene

Concen: 52.312 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

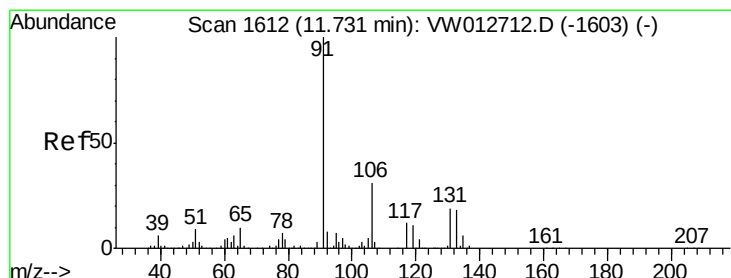
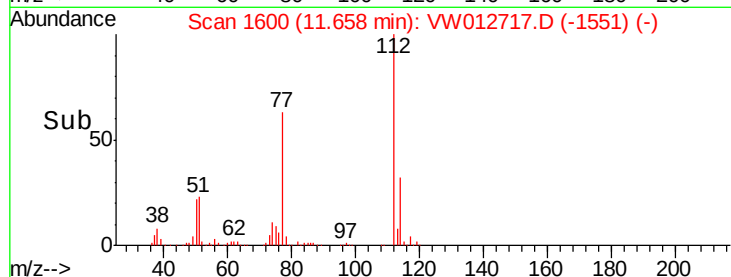
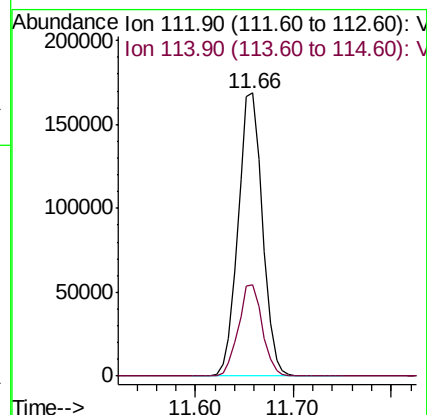
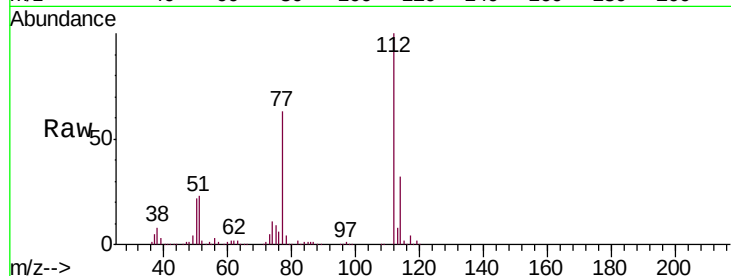
VSTDCCC050

Tgt Ion:112 Resp: 291051

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.716 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

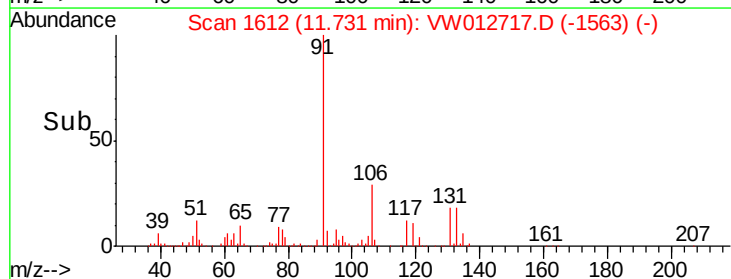
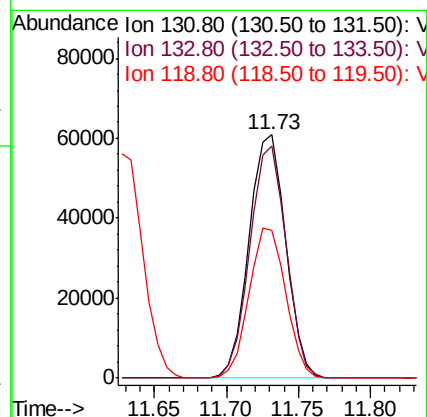
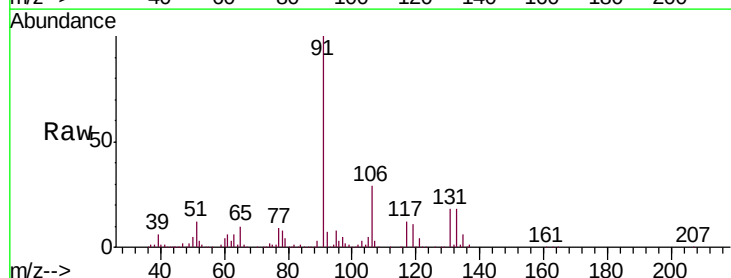
Tgt Ion:131 Resp: 107152

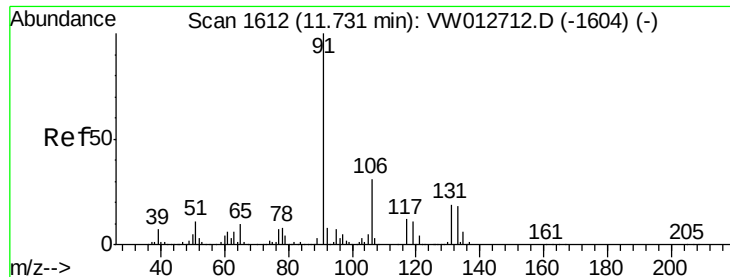
Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.8

119 61.7 30.6 92.0

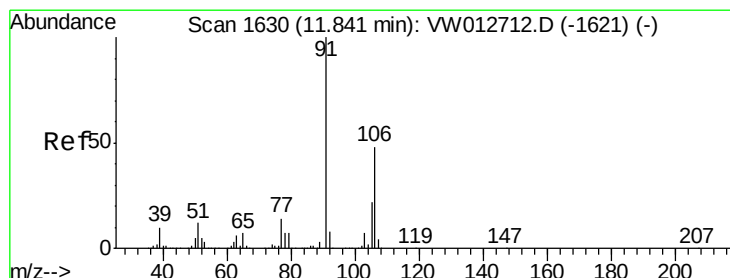
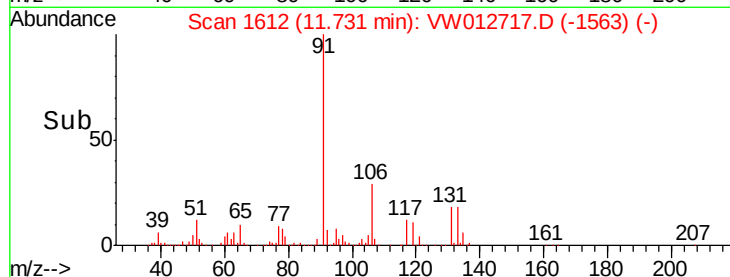
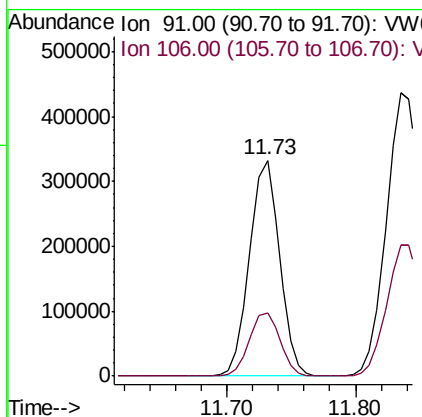
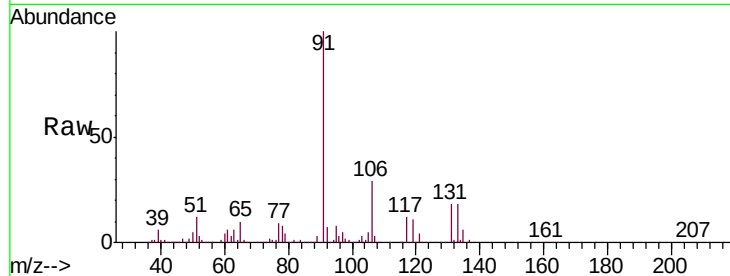




#67
Ethyl Benzene
Concen: 51.213 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

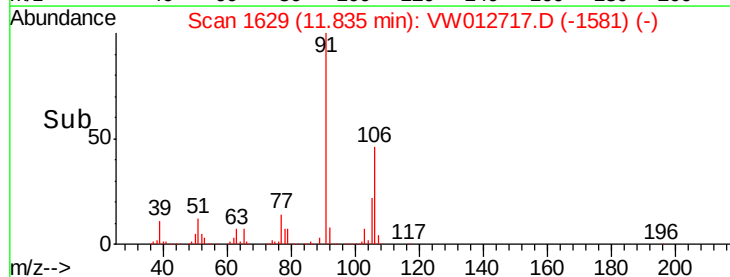
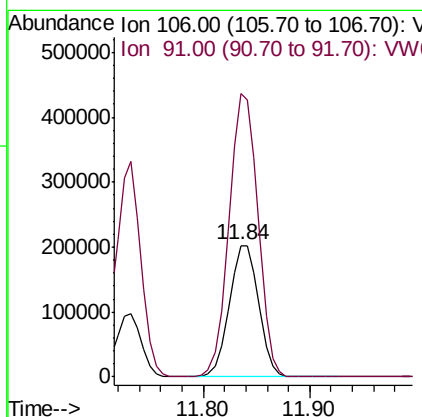
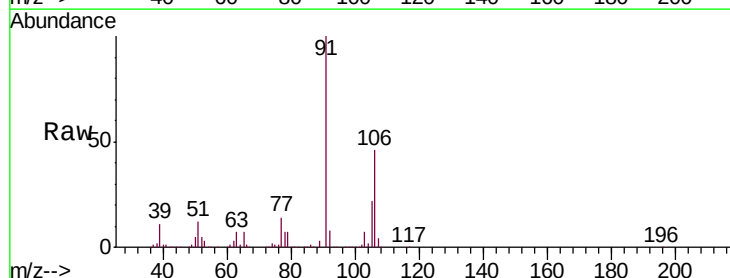
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

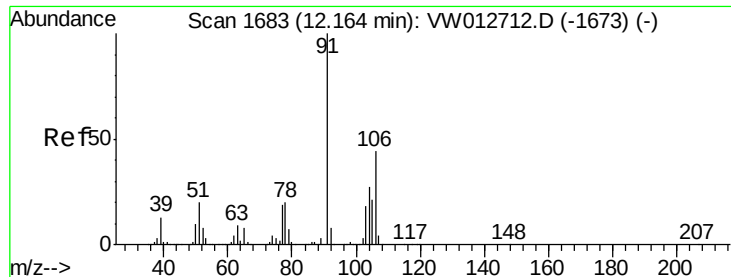
Tgt Ion: 91 Resp: 534607
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6



#68
m/p-Xylenes
Concen: 103.553 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion: 106 Resp: 390183
Ion Ratio Lower Upper
106 100
91 213.2 168.2 252.4

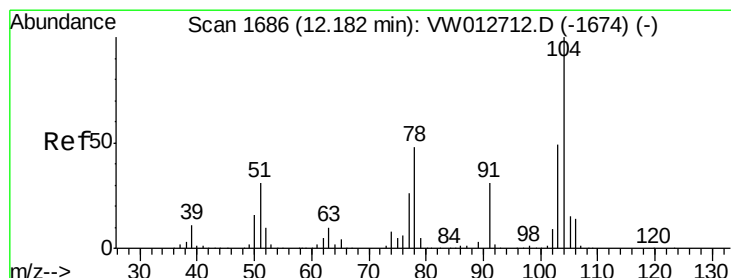
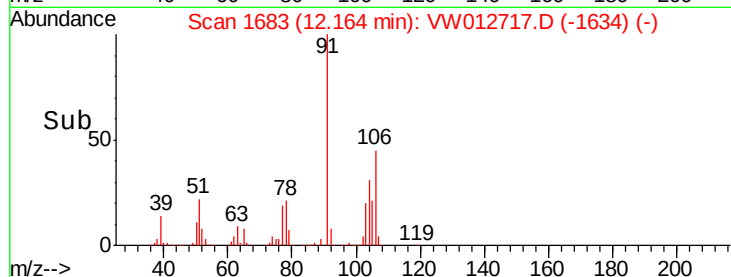
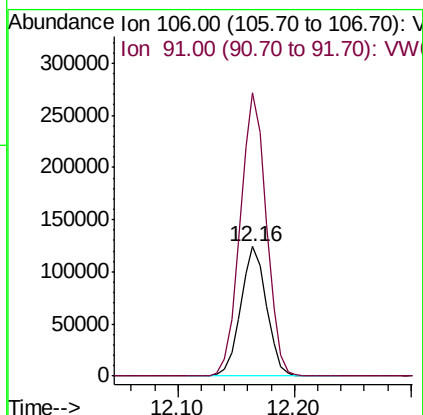
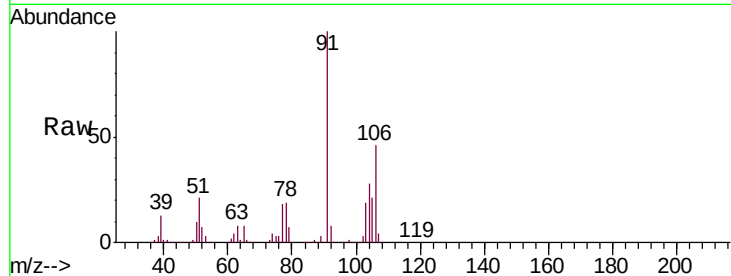




#69
o-Xylene
Concen: 54.002 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

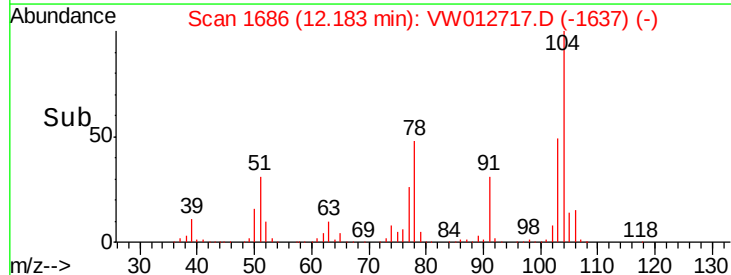
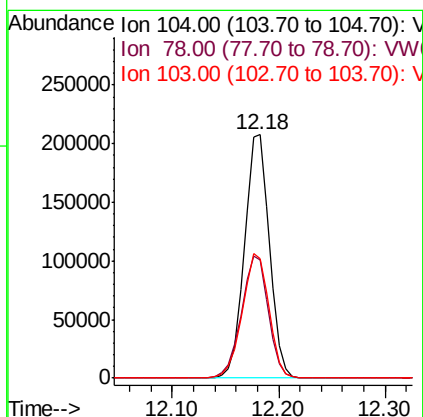
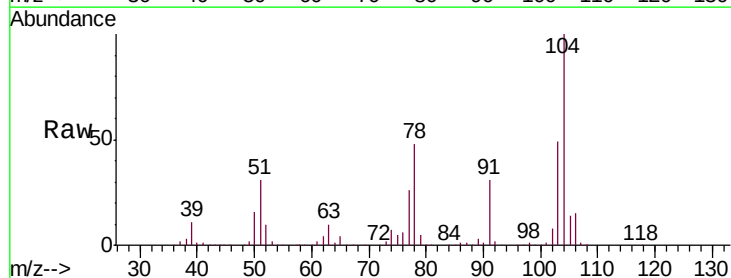
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

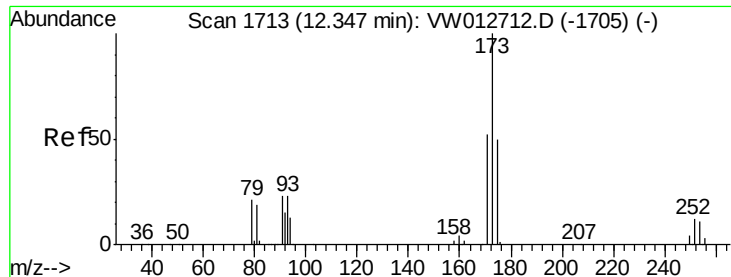
Tgt Ion:106 Resp: 191964
Ion Ratio Lower Upper
106 100
91 222.0 112.3 336.8



#70
Styrene
Concen: 54.369 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion:104 Resp: 341524
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.8 44.0 66.0





#71

Bromoform

Concen: 53.105 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

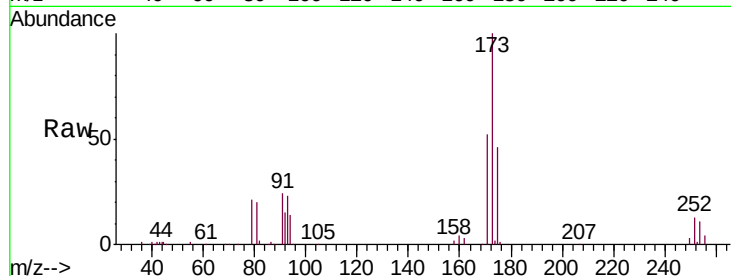
Tgt Ion:173 Resp: 61131

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

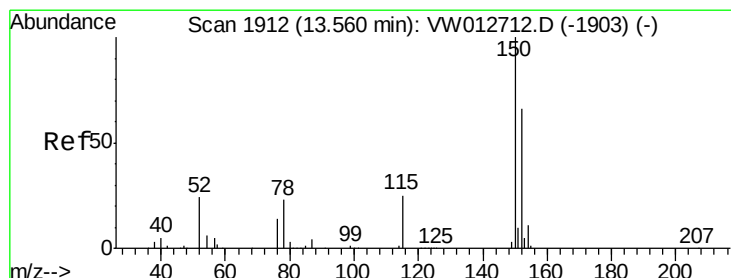
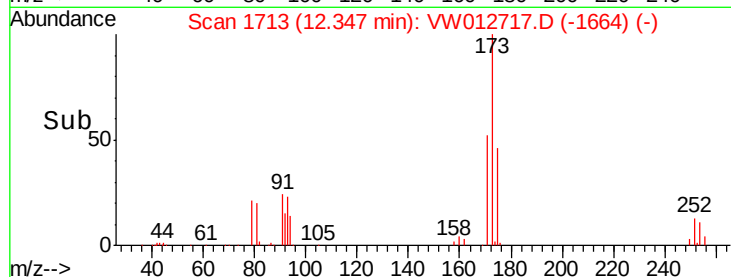
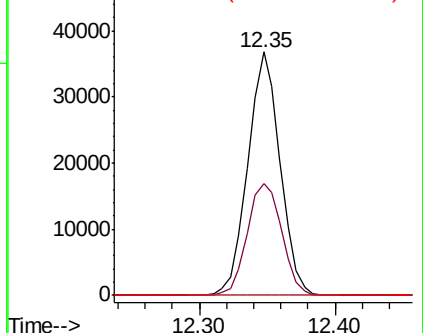
254 0.0 0.1 0.1#



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: VW012717.D

Acq: 07 Sep 2019 13:39

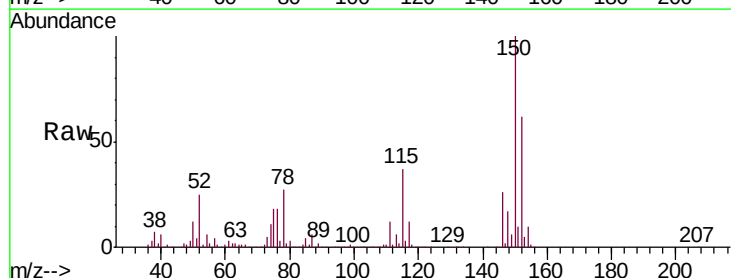
Tgt Ion:152 Resp: 146344

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.1

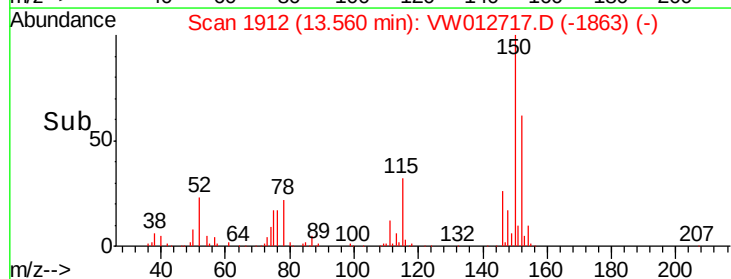
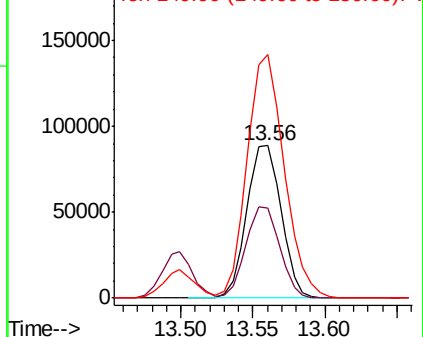
150 172.8 0.0 349.0

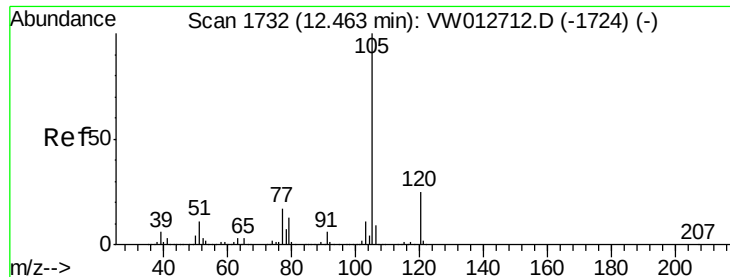


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.454 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

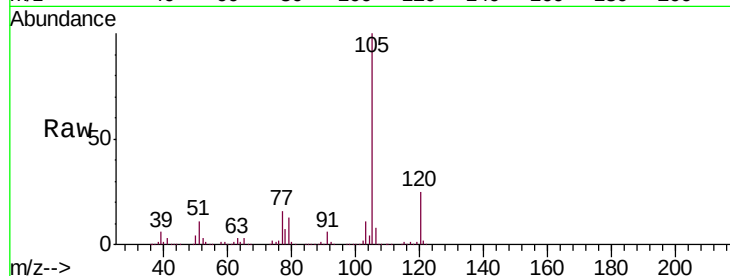
VSTDCCC050

Tgt Ion: 105 Resp: 561062

Ion Ratio Lower Upper

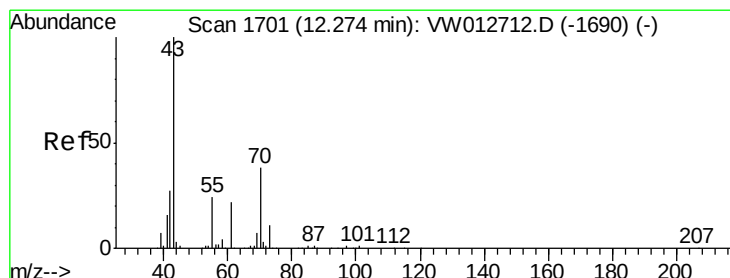
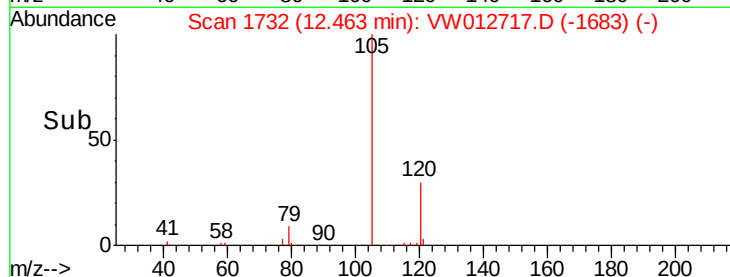
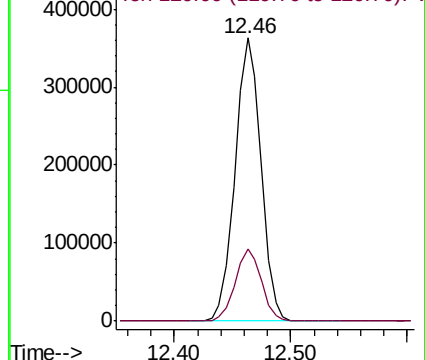
105 100

120 25.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.374 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Tgt Ion: 43 Resp: 177825

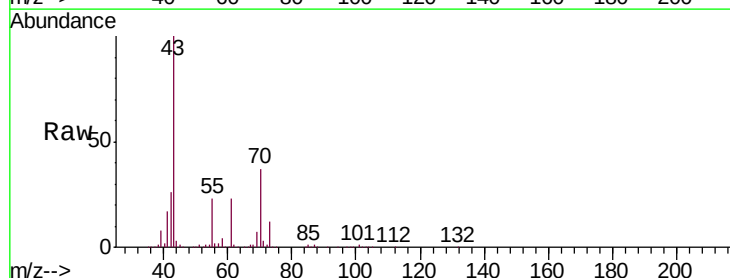
Ion Ratio Lower Upper

43 100

70 37.1 29.4 44.0

55 22.8 18.6 27.8

61 21.8 17.8 26.6

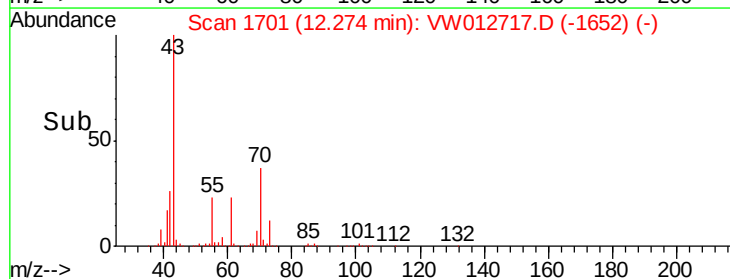
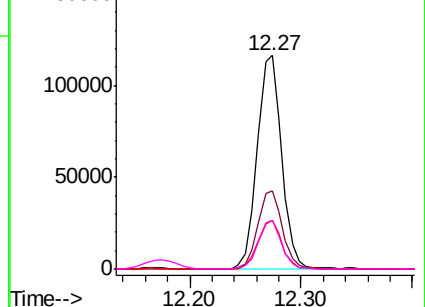


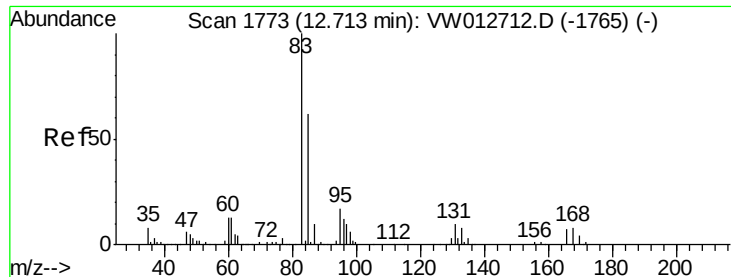
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.173 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

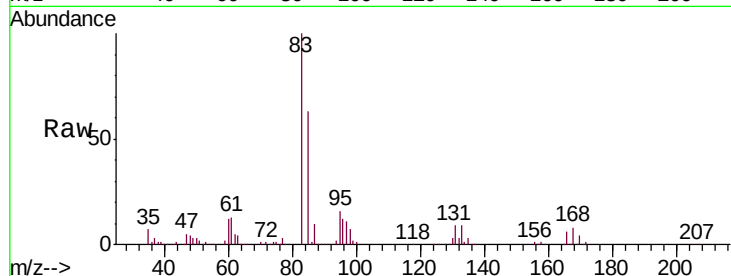
Tgt Ion: 83 Resp: 105762

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

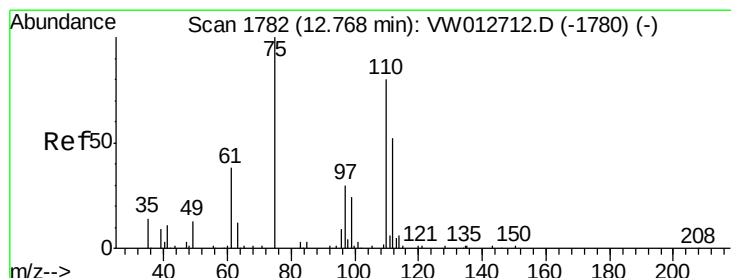
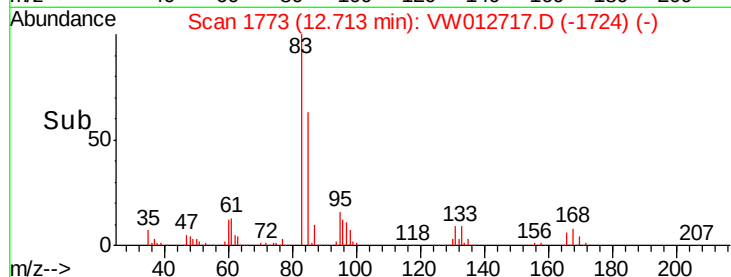
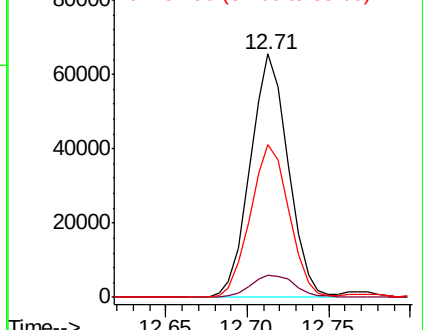
85 64.3 31.4 94.2



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: 97.203 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012717.D

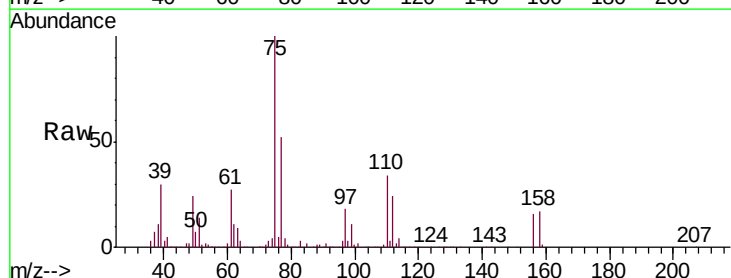
Acq: 07 Sep 2019 13:39

Tgt Ion: 75 Resp: 145457

Ion Ratio Lower Upper

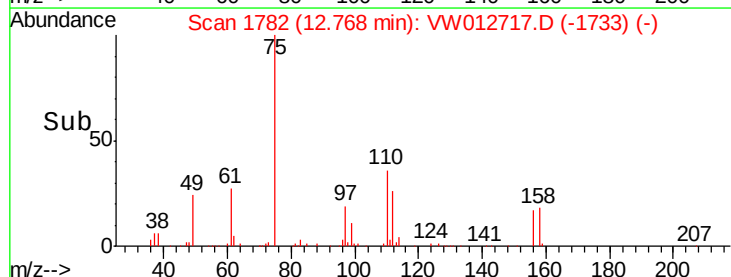
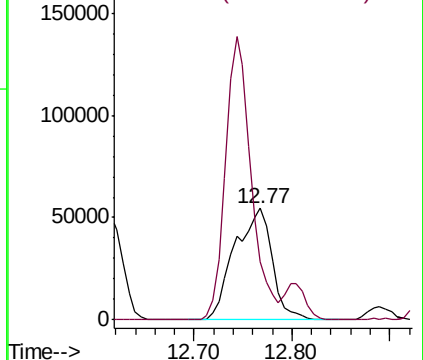
75 100

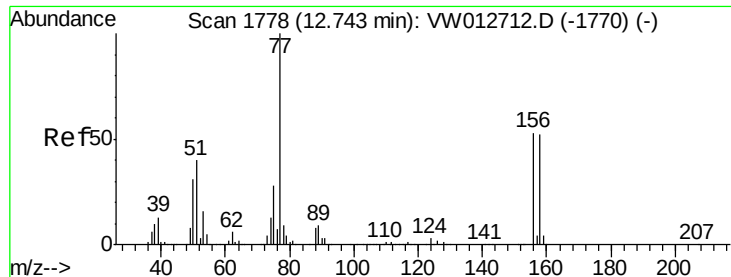
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.353 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

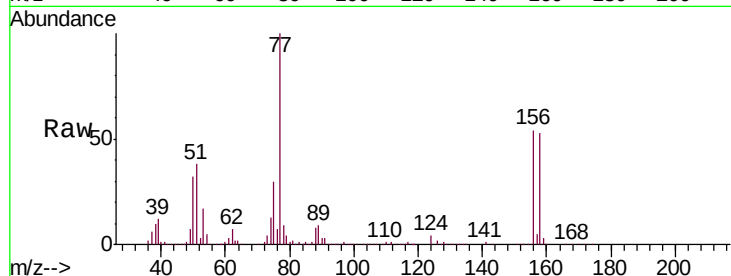
Tgt Ion:156 Resp: 124496

Ion Ratio Lower Upper

156 100

77 203.4 102.3 306.9

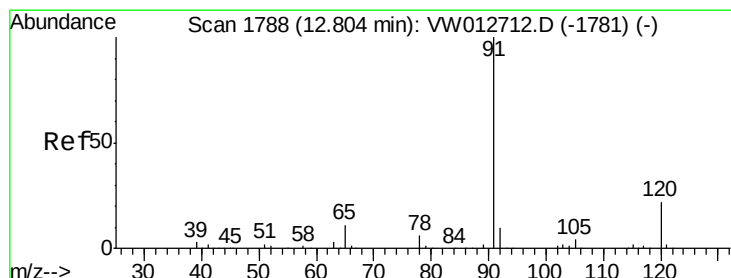
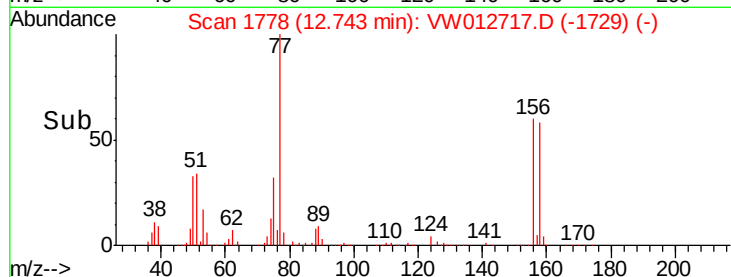
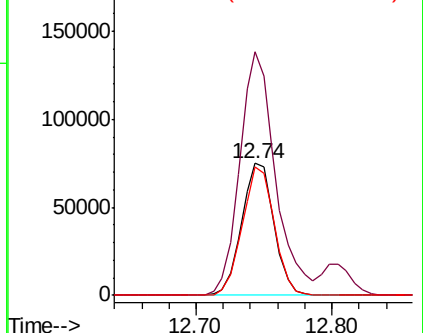
158 96.4 48.9 146.8



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: 53.390 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012717.D

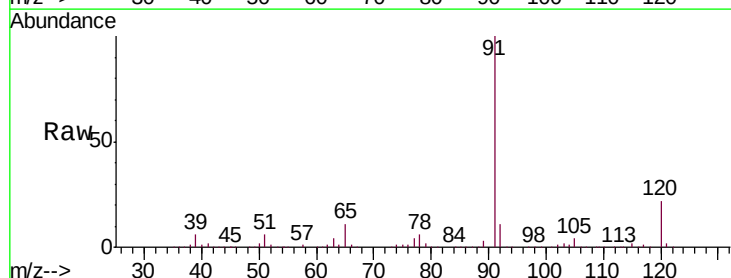
Acq: 07 Sep 2019 13:39

Tgt Ion: 91 Resp: 670231

Ion Ratio Lower Upper

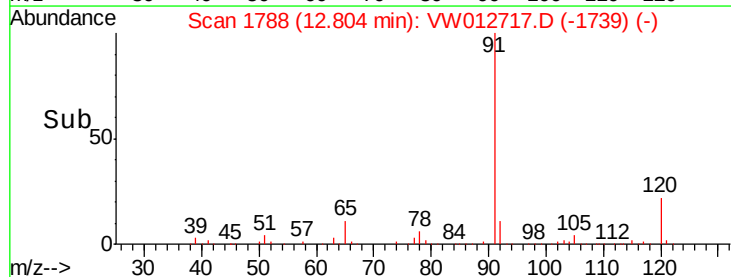
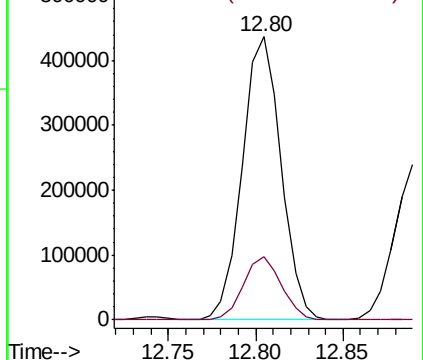
91 100

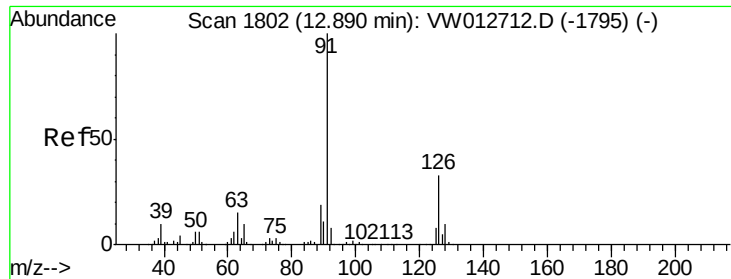
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.451 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

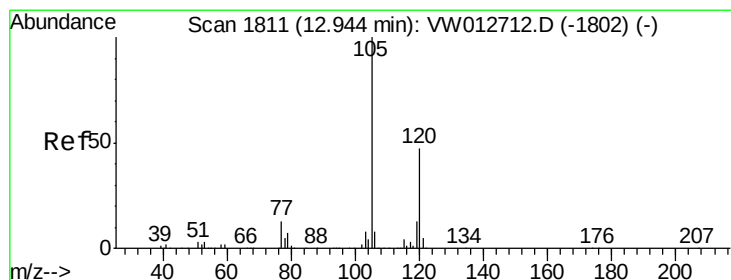
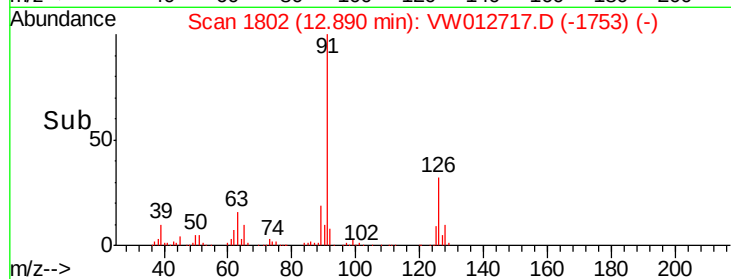
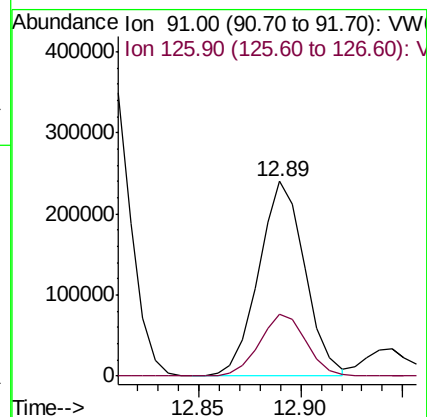
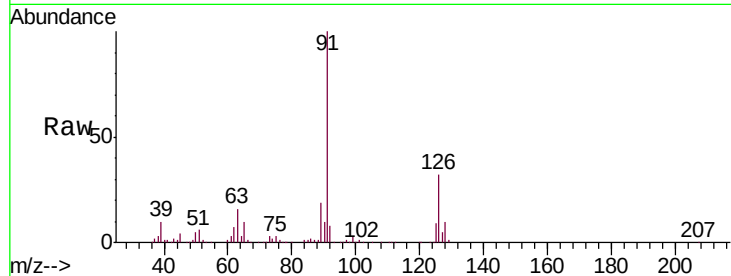
VSTDCCC050

Tgt Ion: 91 Resp: 377989

Ion Ratio Lower Upper

91 100

126 32.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 52.969 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012717.D

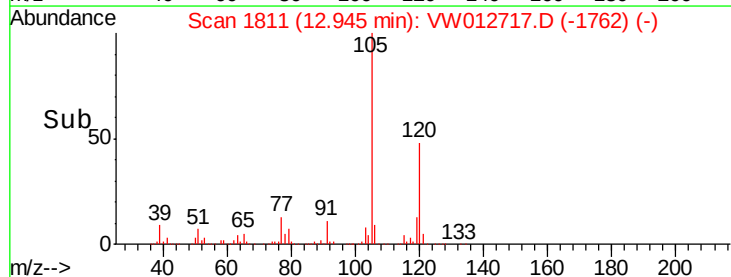
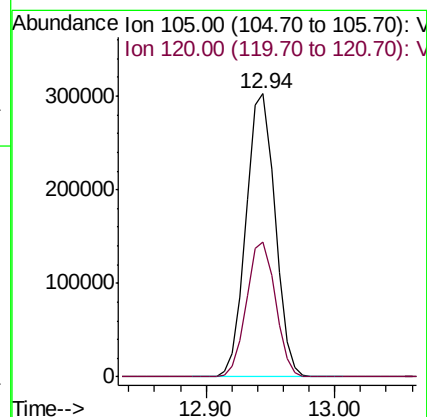
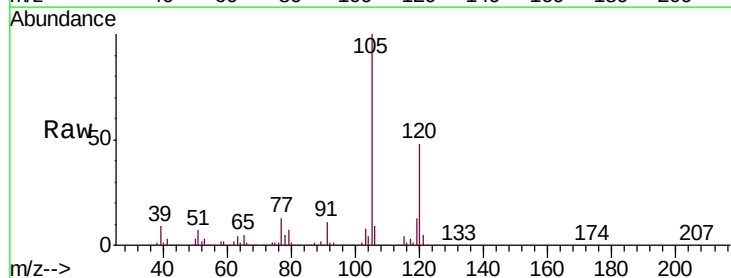
Acq: 07 Sep 2019 13:39

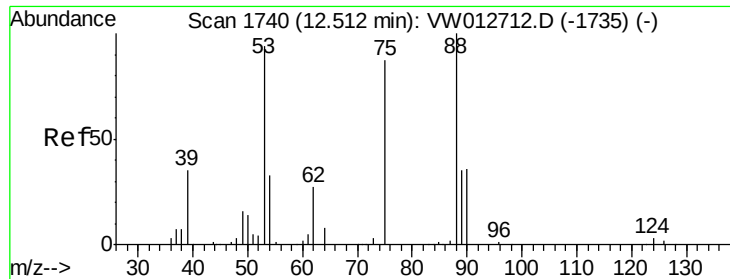
Tgt Ion: 105 Resp: 468489

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.359 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

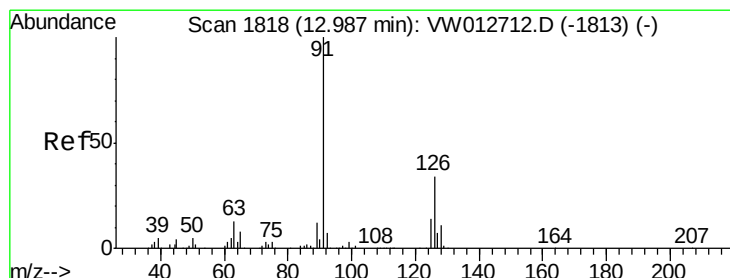
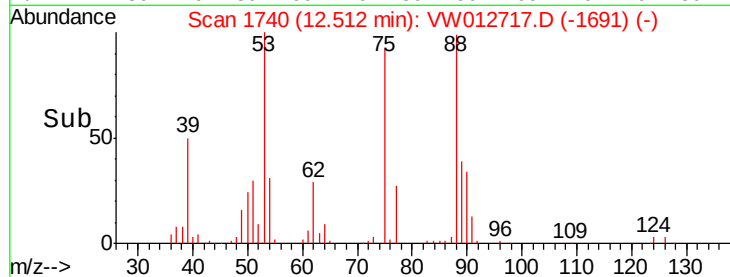
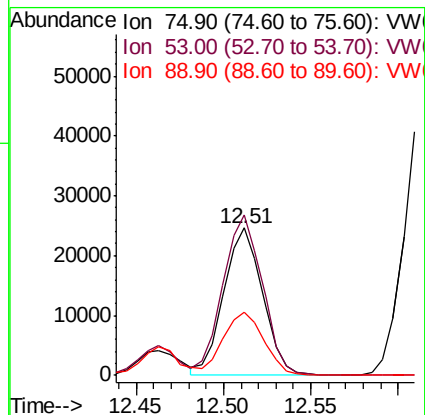
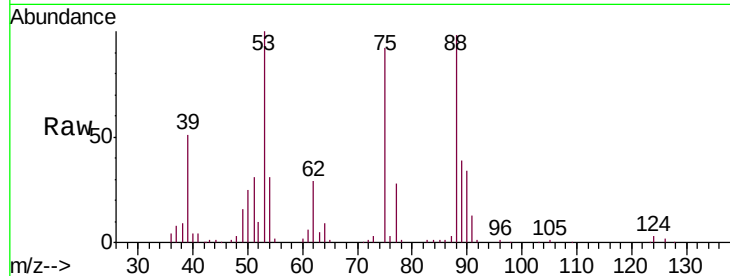
Tgt Ion: 75 Resp: 37752

Ion Ratio Lower Upper

75 100

53 112.3 87.6 131.4

89 44.8 35.5 53.3



#82

4-Chlorotoluene

Concen: 52.699 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012717.D

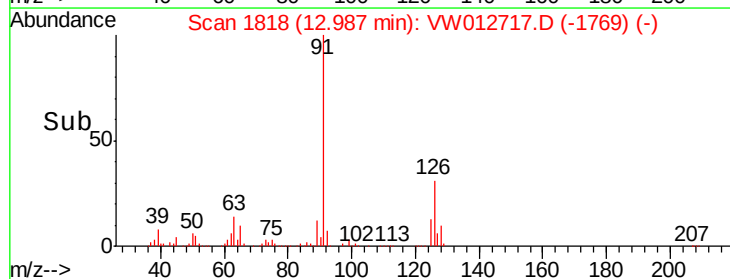
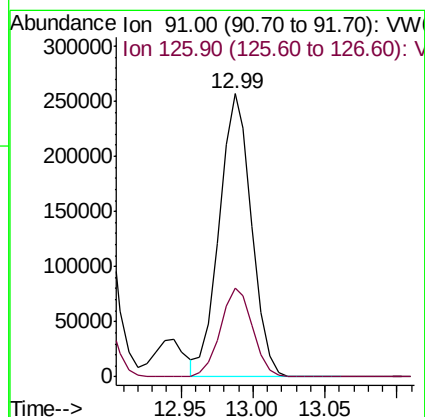
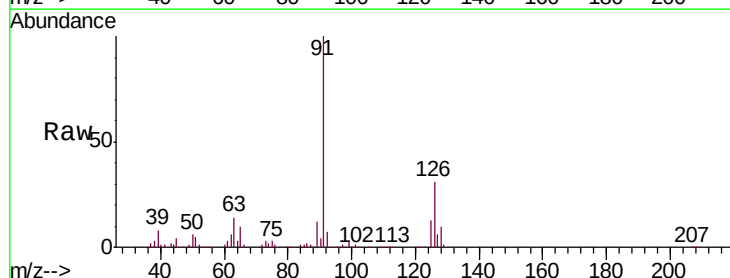
Acq: 07 Sep 2019 13:39

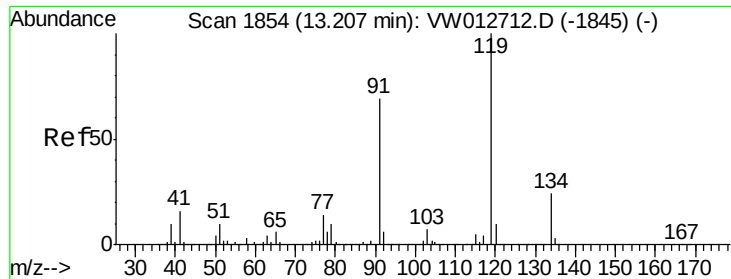
Tgt Ion: 91 Resp: 401715

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6

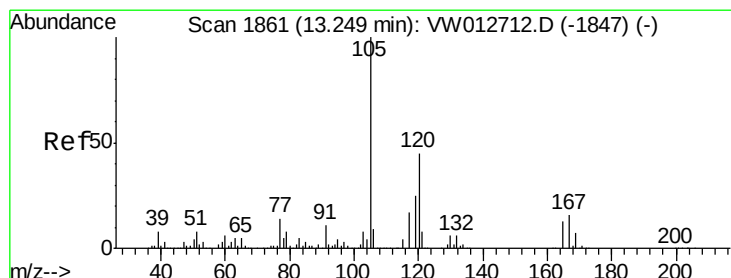
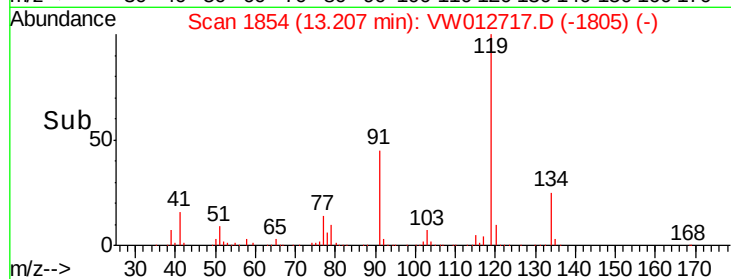
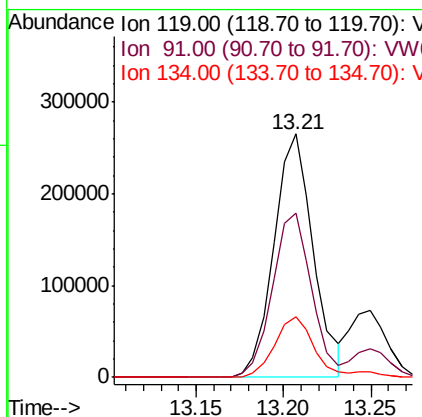
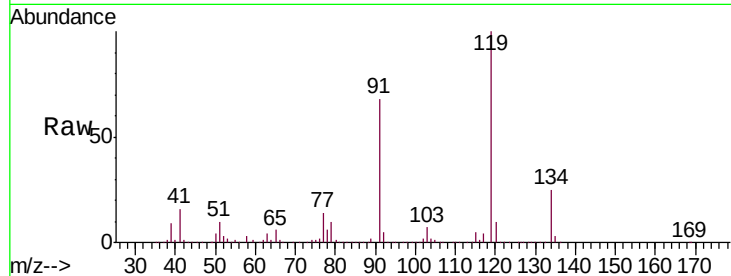




#83
 tert-Butylbenzene
 Concen: 53.281 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

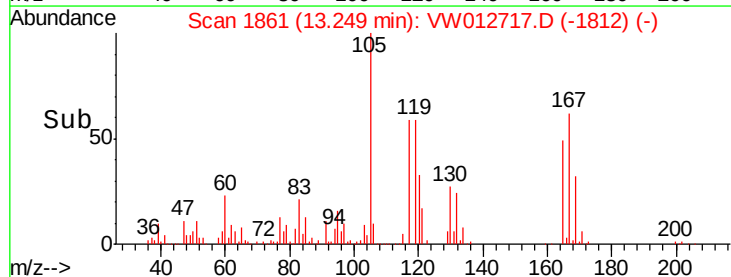
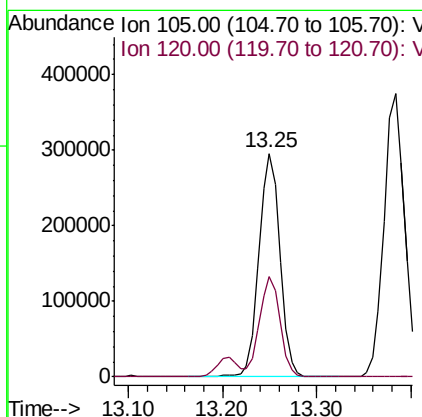
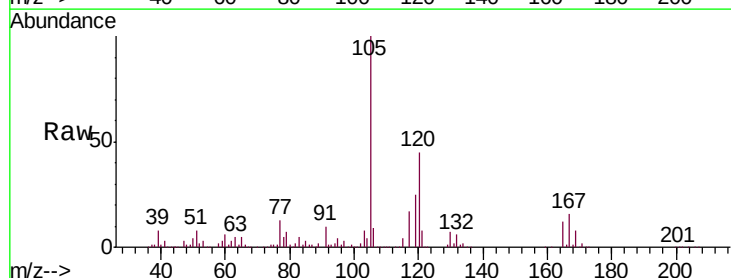
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

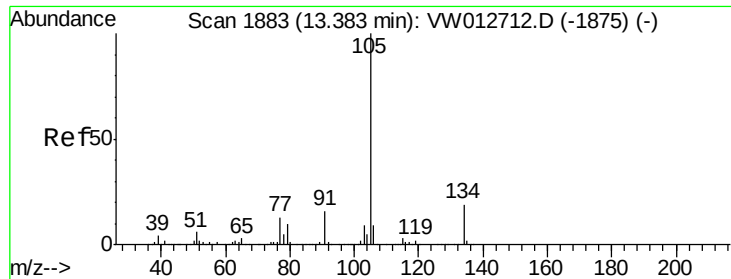
Tgt Ion:119 Resp: 416677
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.2 102.5
 134 24.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.047 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion:105 Resp: 463843
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.3

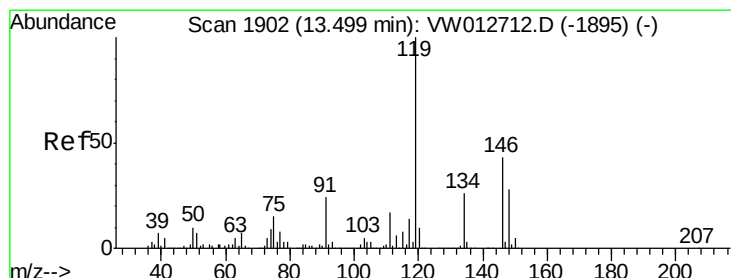
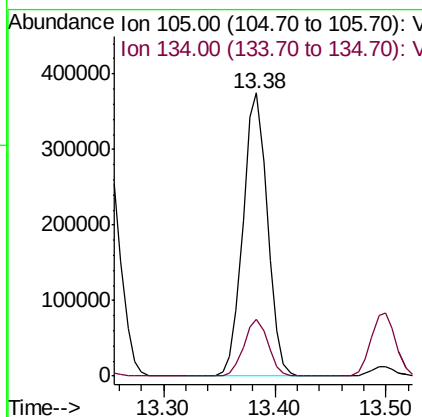
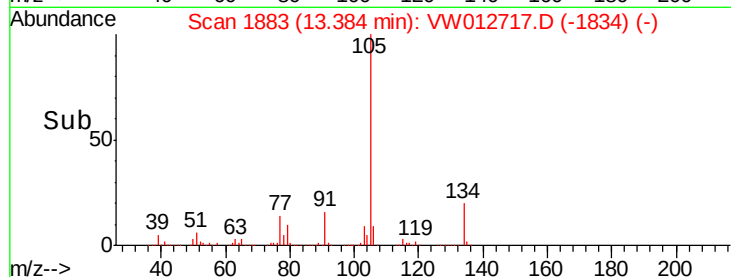
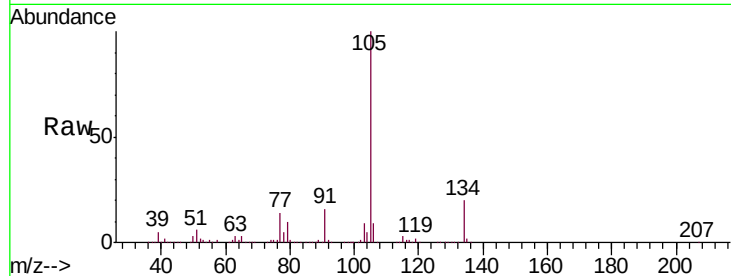




#85
 sec-Butylbenzene
 Concen: 52.577 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

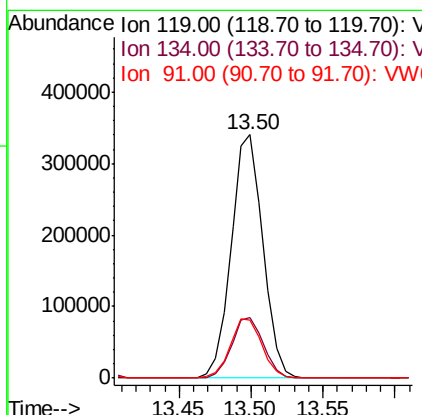
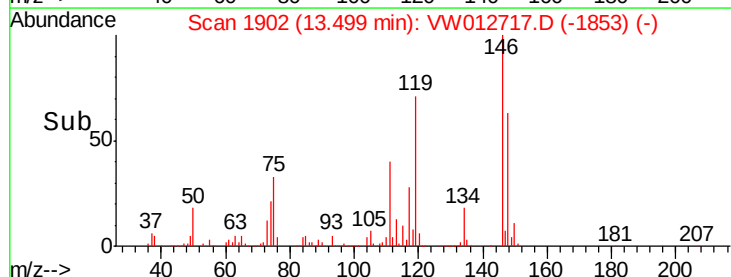
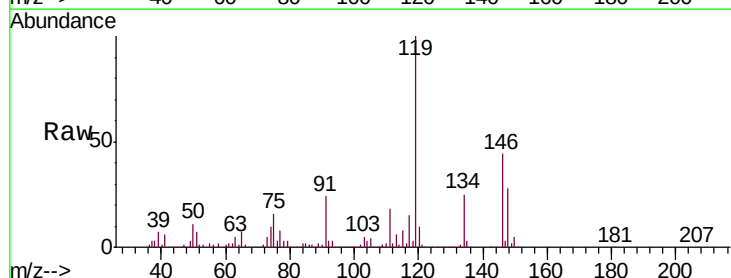
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

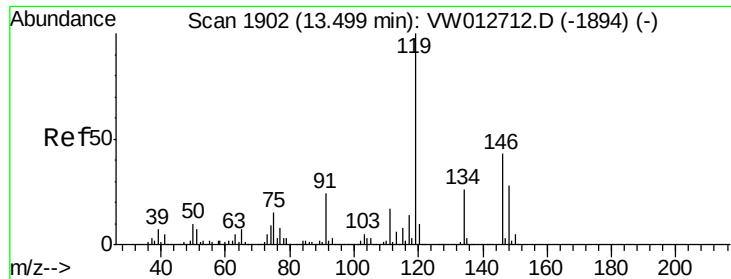
Tgt Ion:105 Resp: 570560
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.454 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion:119 Resp: 519939
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.5 12.2 36.6

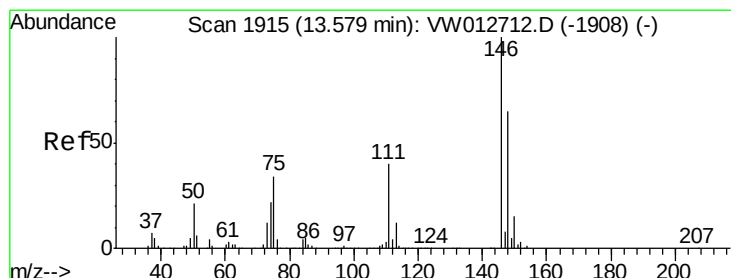
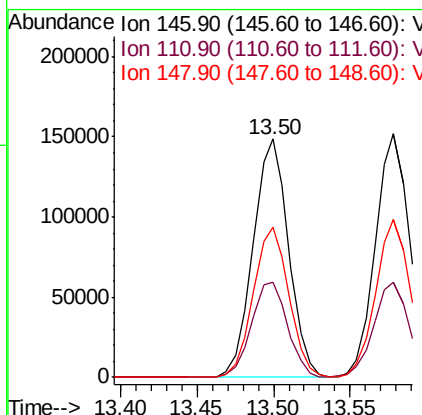
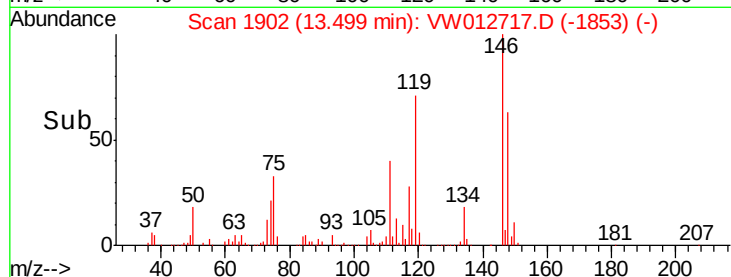
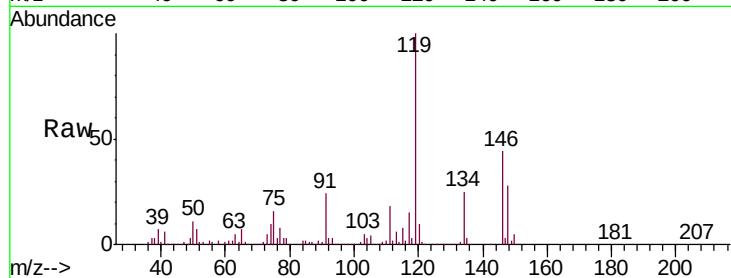




#87
 1,3-Dichlorobenzene
 Concen: 51.327 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

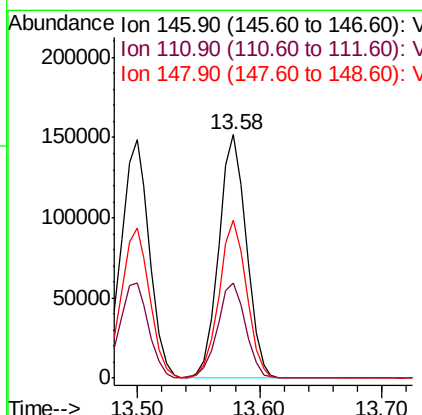
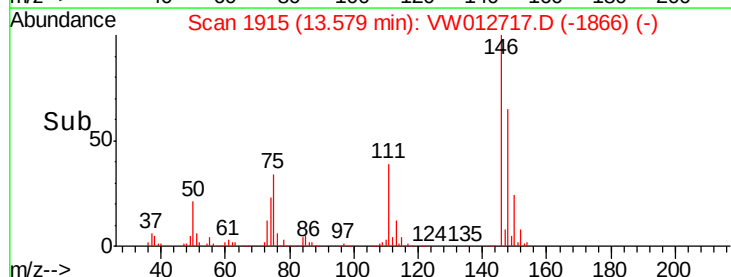
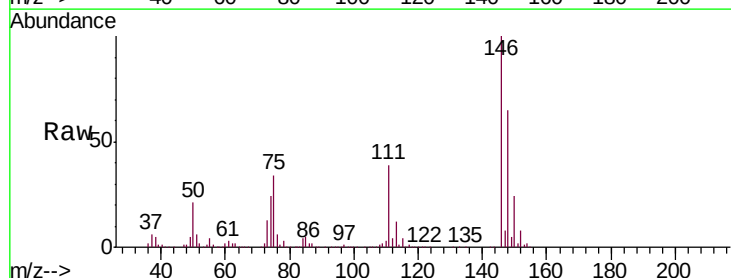
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

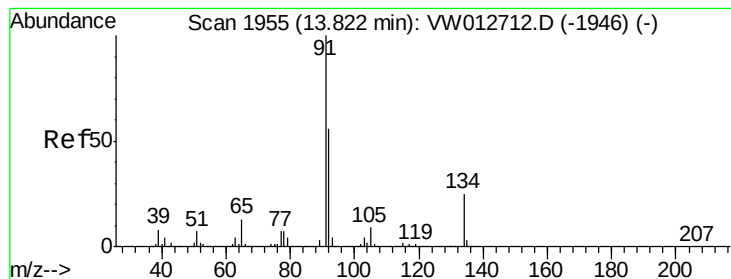
Tgt Ion:146 Resp: 239906
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.041 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion:146 Resp: 237391
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 60.0
 148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 52.908 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012717.D

Acq: 07 Sep 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

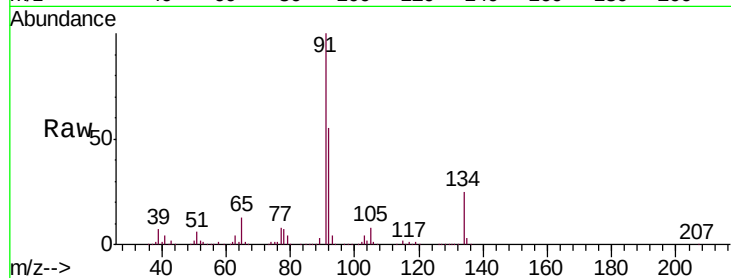
Tgt Ion: 91 Resp: 509140

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

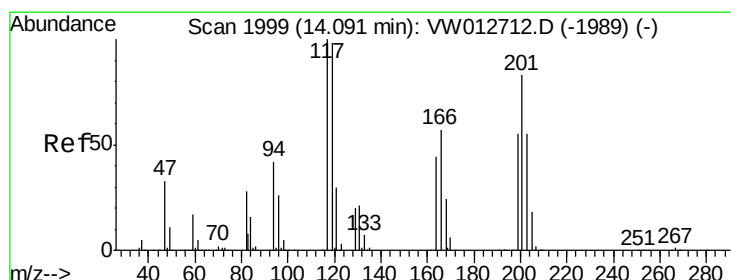
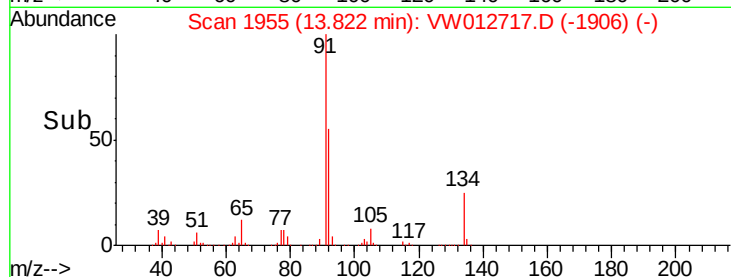
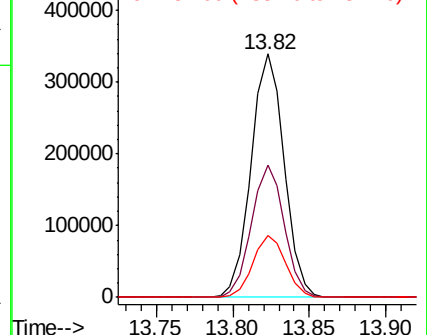
134 25.1 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.444 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012717.D

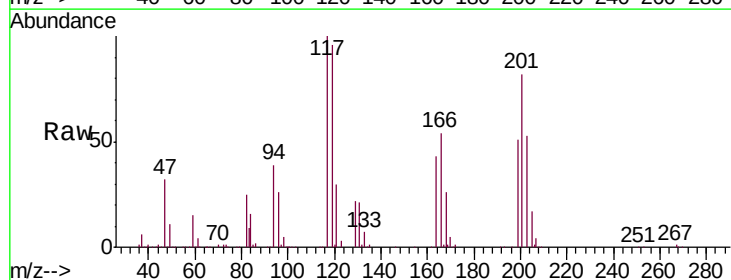
Acq: 07 Sep 2019 13:39

Tgt Ion: 117 Resp: 92480

Ion Ratio Lower Upper

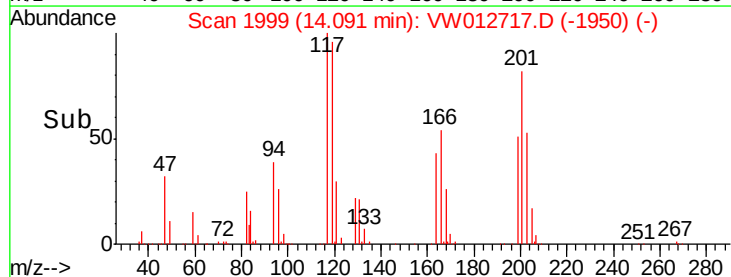
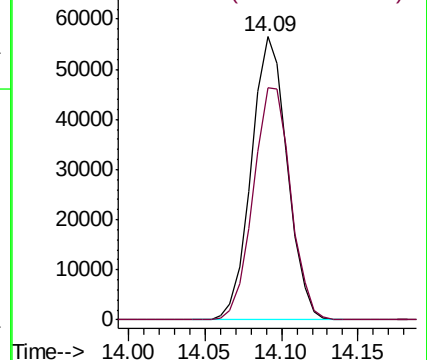
117 100

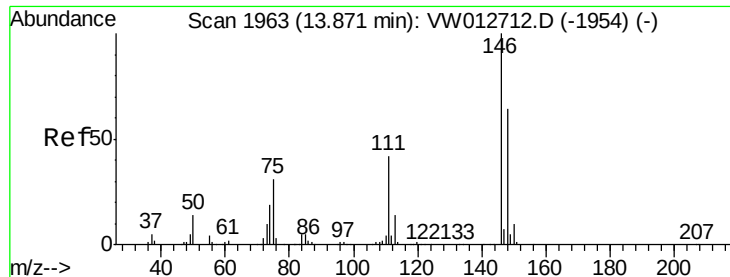
201 85.4 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

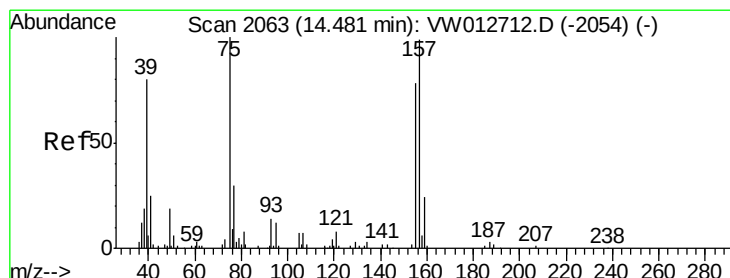
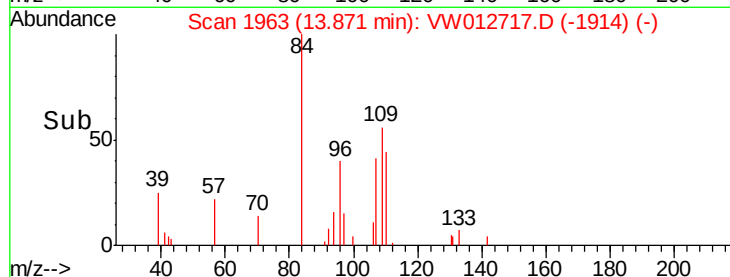
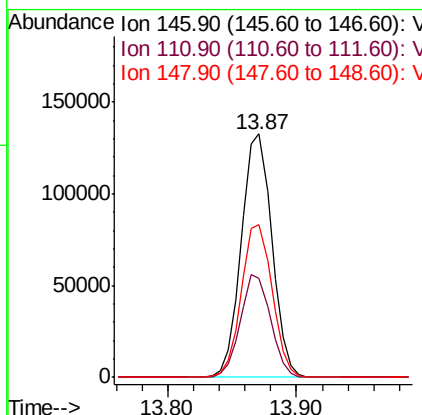
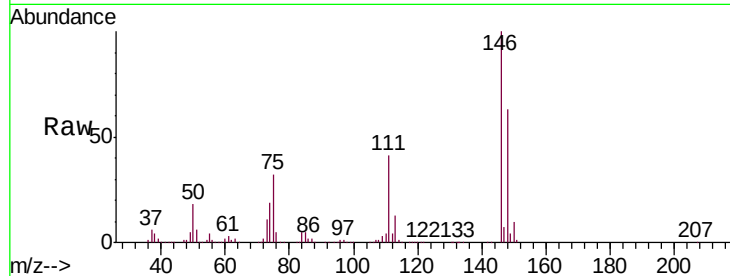




#91
 1,2-Dichlorobenzene
 Concen: 51.755 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

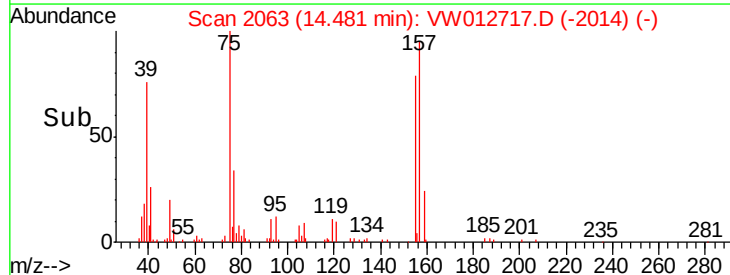
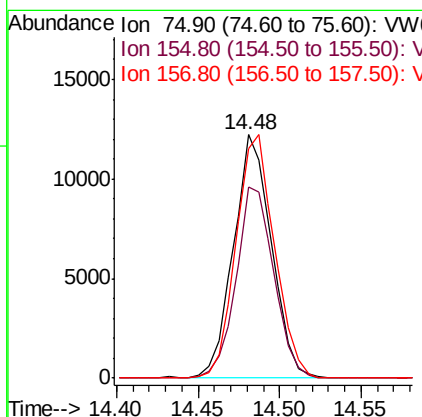
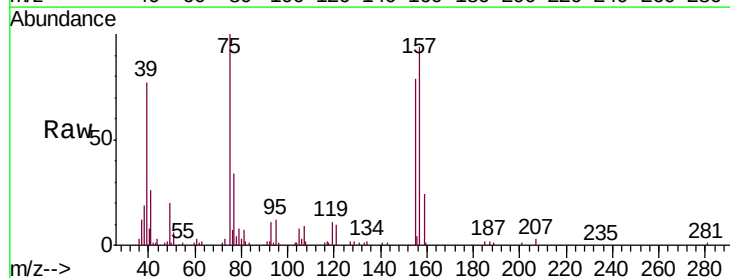
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

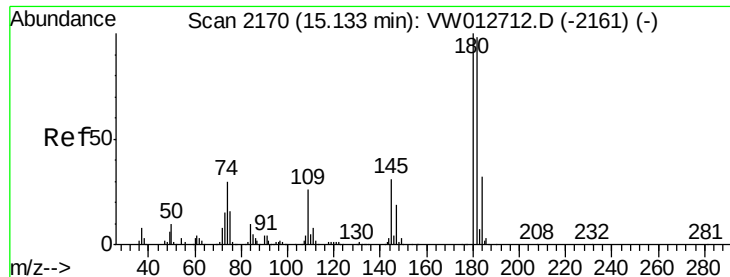
Tgt Ion: 146 Resp: 217734
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 63.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.200 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion: 75 Resp: 19751
 Ion Ratio Lower Upper
 75 100
 155 78.0 40.6 122.0
 157 101.6 52.5 157.5

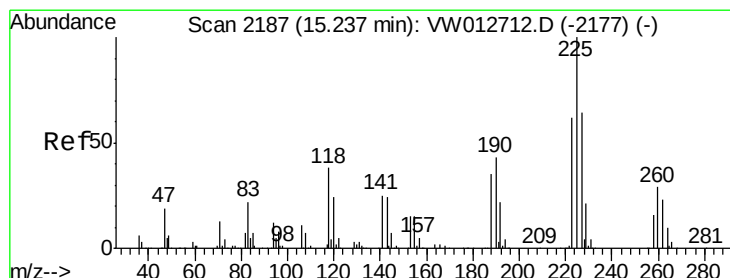
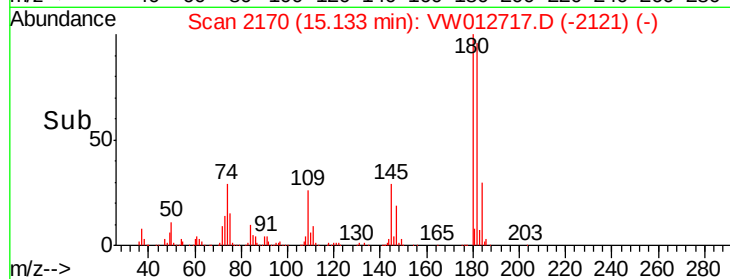
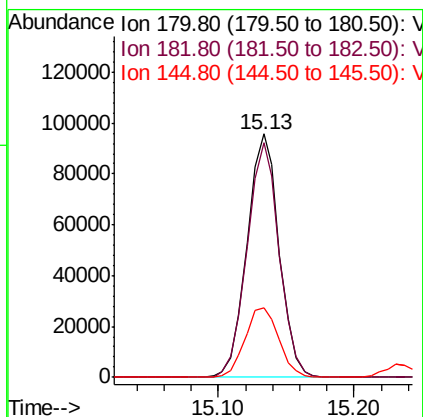
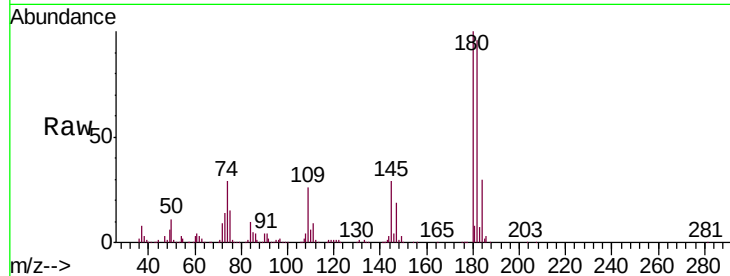




#93
 1,2,4-Trichlorobenzene
 Concen: 54.014 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

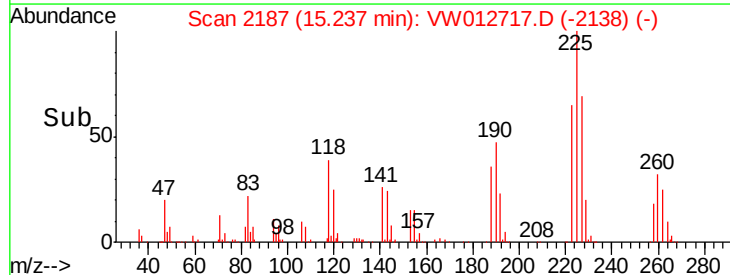
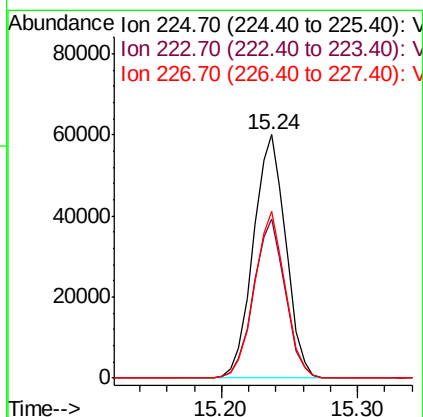
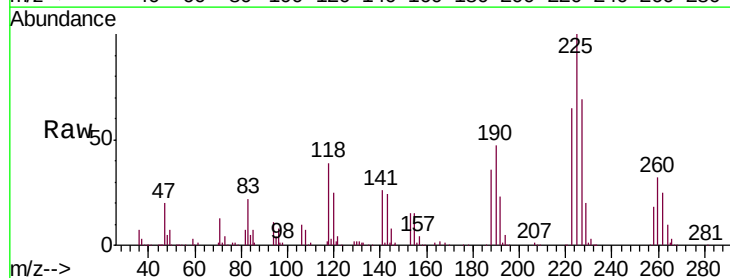
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

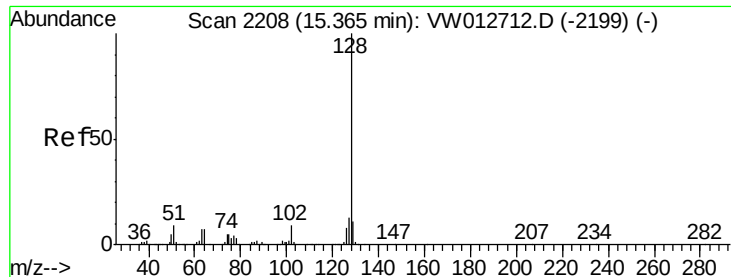
Tgt Ion:180 Resp: 158208
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.7 146.1
 145 30.2 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.595 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012717.D
 Acq: 07 Sep 2019 13:39

Tgt Ion:225 Resp: 100546
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.3
 227 65.0 31.4 94.2

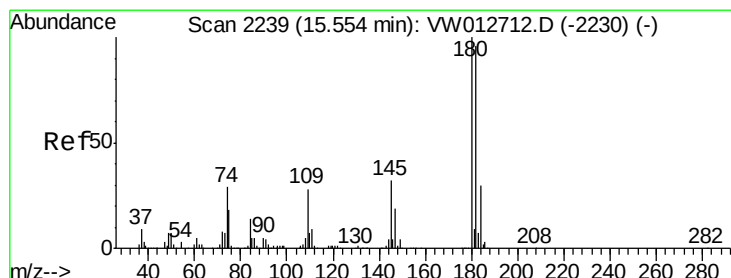
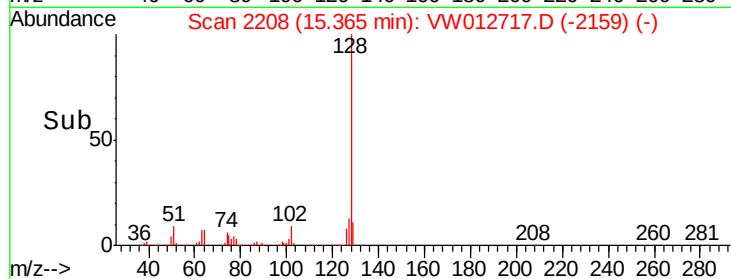
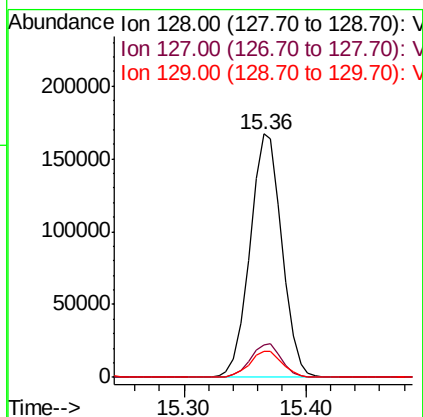
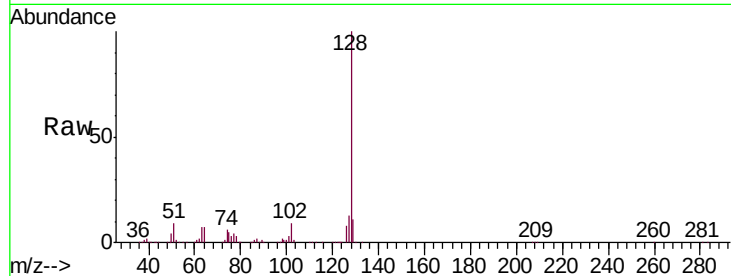




#95
Naphthalene
Concen: 49.367 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 302723
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.027 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012717.D
Acq: 07 Sep 2019 13:39

Tgt Ion:180 Resp: 142269
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 31.4 15.4 46.2

