

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011780.D
 Acq On : 08 Aug 2019 20:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 09 05:35:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	137021	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
35) Dibromofluoromethane	7.88	113	110943	58.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.94%	
50) Toluene-d8	10.32	98	450568	58.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.00%	
62) 4-Bromofluorobenzene	12.62	95	159355	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	58469	51.073	ug/l	97
3) Chloromethane	2.21	50	103152	51.962	ug/l	98
4) Vinyl Chloride	2.36	62	129427	54.155	ug/l	100
5) Bromomethane	2.75	94	63460	47.971	ug/l	94
6) Chloroethane	2.90	64	73500	53.839	ug/l	98
7) Trichlorofluoromethane	3.25	101	62645	58.650	ug/l	99
8) Diethyl Ether	3.68	74	69158	57.107	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111391	54.976	ug/l	99
10) Methyl Iodide	4.27	142	161215	56.303	ug/l	99
11) Tert butyl alcohol	5.17	59	45247	260.689	ug/l	99
12) 1,1-Dichloroethene	4.04	96	119473	55.846	ug/l	98
13) Acrolein	3.89	56	44356	262.077	ug/l	97
14) Allyl chloride	4.67	41	267024	58.685	ug/l	99
15) Acrylonitrile	5.37	53	175927	291.012	ug/l	99
16) Acetone	4.12	43	175520	233.928	ug/l	99
17) Carbon Disulfide	4.38	76	359318	53.663	ug/l	100
18) Methyl Acetate	4.67	43	98645	58.523	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	200127	58.950	ug/l	100
20) Methylene Chloride	4.92	84	139367	53.858	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	133368	57.824	ug/l	98
22) Diisopropyl ether	6.31	45	508546	59.280	ug/l	98
23) Vinyl Acetate	6.25	43	1581038	293.302	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271842	59.167	ug/l	99
25) 2-Butanone	7.17	43	255801	260.540	ug/l	99
26) 2,2-Dichloropropane	7.17	77	143789	50.889	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	147877	58.255	ug/l	99
28) Bromochloromethane	7.51	49	125544	61.562	ug/l #	100
29) Tetrahydrofuran	7.53	42	161439	287.662	ug/l	99
30) Chloroform	7.67	83	246397	58.130	ug/l	97
31) Cyclohexane	7.95	56	242412	54.965	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	191500	59.323	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201163	57.694	ug/l	100
37) Ethyl Acetate	7.25	43	114197	56.928	ug/l	98
38) Carbon Tetrachloride	8.07	117	173451	58.110	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	220251	57.368	ug/l	98
40) Benzene	8.32	78	563359	57.683	ug/l	100
41) Methacrylonitrile	7.48	41	67860	56.591	ug/l	95
42) 1,2-Dichloroethane	8.40	62	177055	57.904	ug/l	100
43) Isopropyl Acetate	8.43	43	215539	58.425	ug/l	100
44) Trichloroethene	9.09	130	135649	57.788	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153519	58.748	ug/l	98
46) Dibromomethane	9.46	93	68369	57.323	ug/l	99
47) Bromodichloromethane	9.65	83	183718	58.722	ug/l	100
48) Methyl methacrylate	9.43	41	104251	58.828	ug/l	100
49) 1,4-Dioxane	9.45	88	21455	1242.357	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	557860	290.715	ug/l	100
52) Toluene	10.39	92	340817	57.786	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190312	58.232	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	227290	58.491	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97405	57.559	ug/l	100
56) Ethyl methacrylate	10.65	69	146401	59.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	184623	57.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	400033	355.790	ug/l	100
59) 2-Hexanone	10.97	43	382602	282.387	ug/l	100
60) Dibromochloromethane	11.13	129	110279	58.707	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92898	58.009	ug/l	100
64) Tetrachloroethene	10.87	164	110983	57.937	ug/l	97
65) Chlorobenzene	11.66	112	337686	57.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121124	58.790	ug/l	100
67) Ethyl Benzene	11.73	91	660132	58.600	ug/l	100
68) m/p-Xylenes	11.84	106	475909	116.167	ug/l	99
69) o-Xylene	12.16	106	223147	58.616	ug/l	98
70) Styrene	12.18	104	391030	59.407	ug/l	100
71) Bromoform	12.35	173	61871	58.899	ug/l #	97
73) Isopropylbenzene	12.46	105	619970	59.599	ug/l	99
74) N-amyl acetate	12.27	43	196637	60.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	115310	58.932	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	155238	105.217	ug/l #	100
77) Bromobenzene	12.75	156	136002	59.151	ug/l	100
78) n-propylbenzene	12.80	91	743491	58.729	ug/l	100
79) 2-Chlorotoluene	12.89	91	427921	58.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	513187	58.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38521	60.172	ug/l	99
82) 4-Chlorotoluene	12.99	91	441555	57.703	ug/l	99
83) tert-Butylbenzene	13.21	119	433535	59.455	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	517047	58.863	ug/l	100
85) sec-Butylbenzene	13.38	105	605228	58.170	ug/l	99
86) p-Isopropyltoluene	13.50	119	546383	57.878	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	259857	57.640	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	253279	56.476	ug/l	99
89) n-Butylbenzene	13.82	91	532169	56.489	ug/l	100
90) Hexachloroethane	14.09	117	97901	58.648	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	230216	57.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19202	57.549	ug/l	99

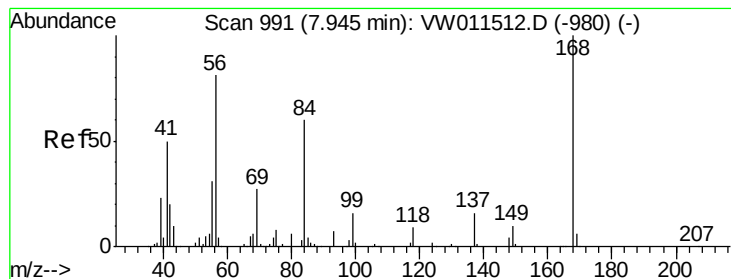
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	156979	55.861	ug/l	100
94) Hexachlorobutadiene	15.24	225	97896	55.861	ug/l	98
95) Naphthalene	15.37	128	301243	54.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	140400	56.997	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

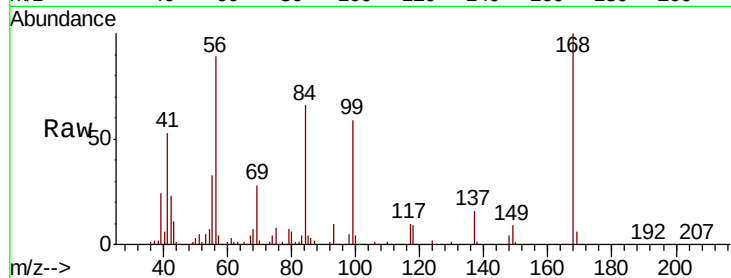
VSTDCCC050

Tgt Ion:168 Resp: 205417

Ion Ratio Lower Upper

168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

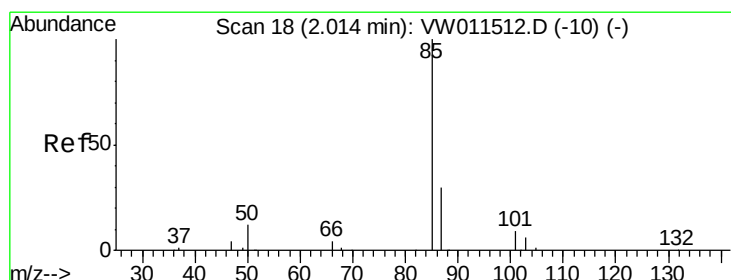
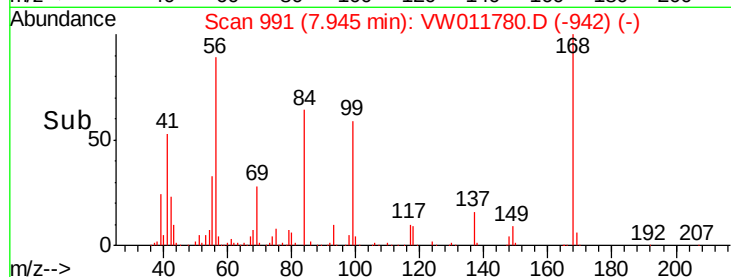
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.073 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011780.D

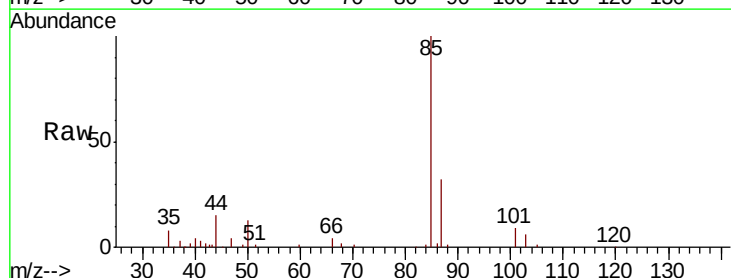
Acq: 08 Aug 2019 20:33

Tgt Ion: 85 Resp: 58469

Ion Ratio Lower Upper

85 100

87 31.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

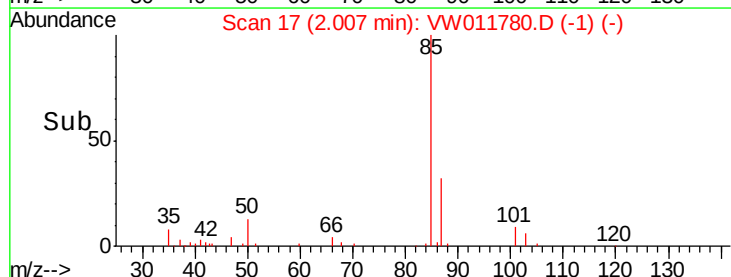
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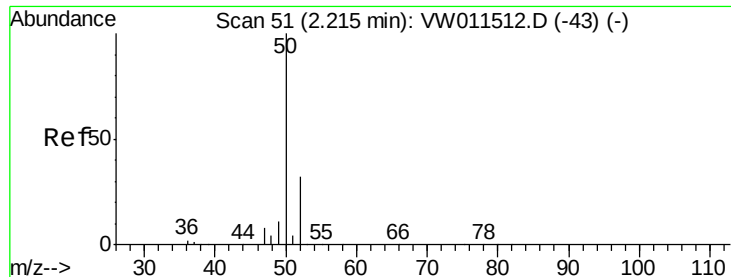
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 51.962 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

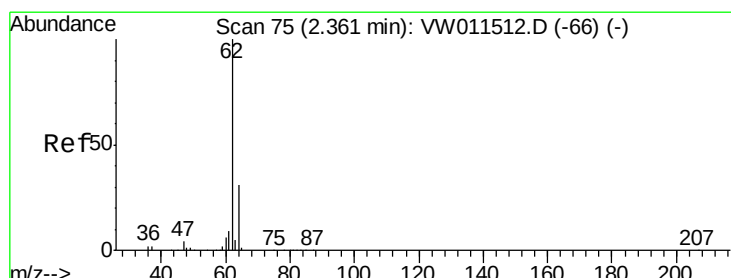
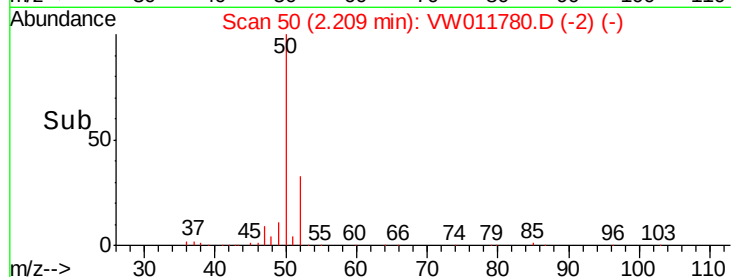
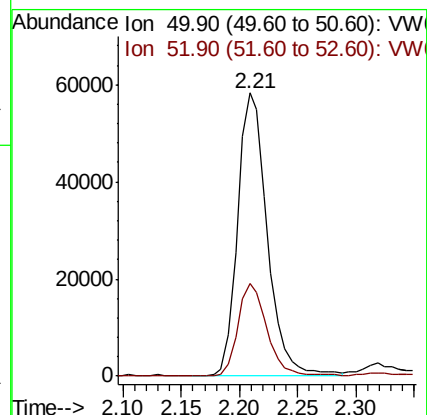
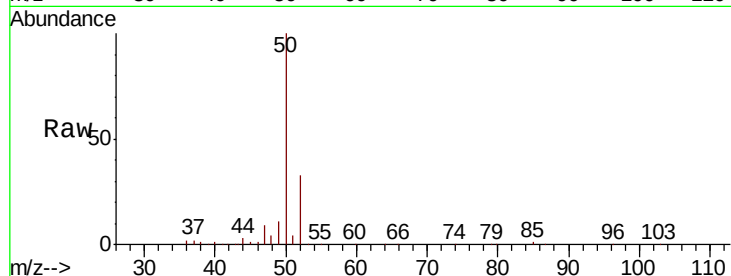
VSTDCCC050

Tgt Ion: 50 Resp: 103152

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 54.155 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011780.D

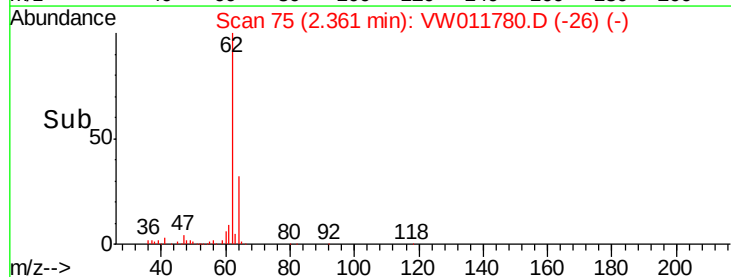
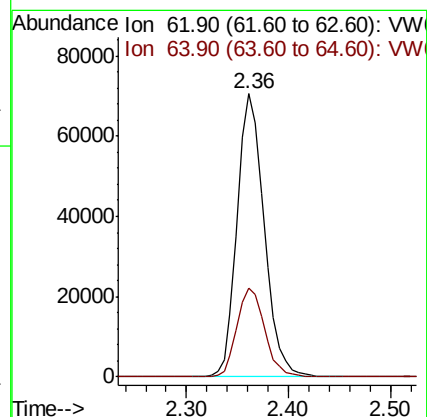
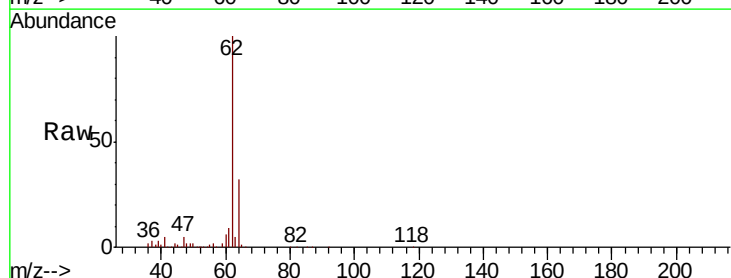
Acq: 08 Aug 2019 20:33

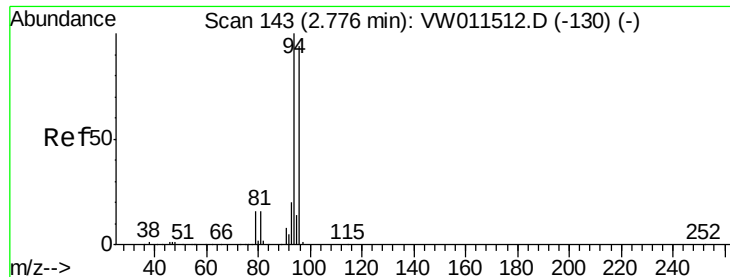
Tgt Ion: 62 Resp: 129427

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 47.971 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

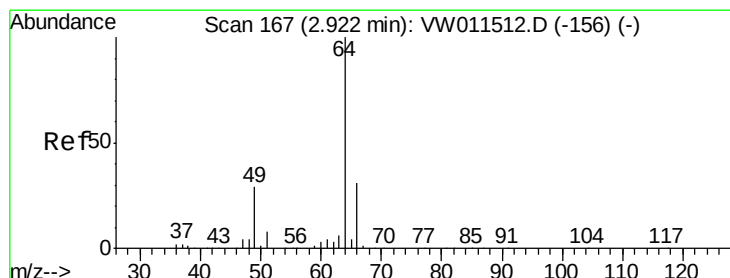
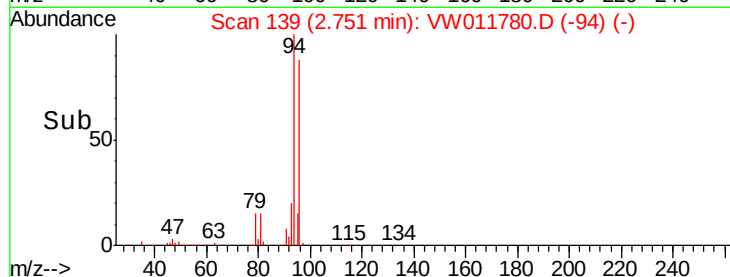
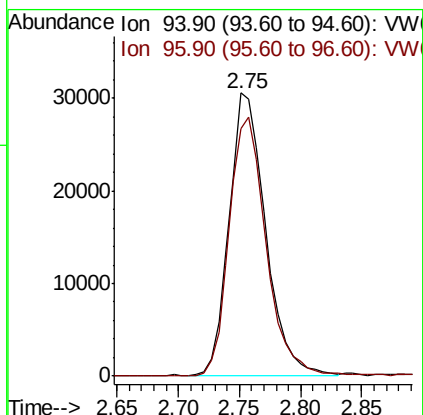
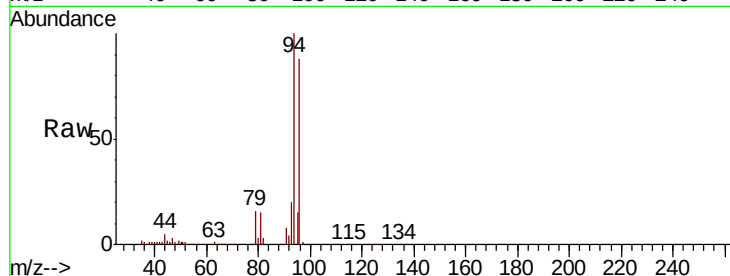
VSTDCCC050

Tgt Ion: 94 Resp: 63460

Ion Ratio Lower Upper

94 100

96 87.5 75.0 112.6



#6

Chloroethane

Concen: 53.839 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW011780.D

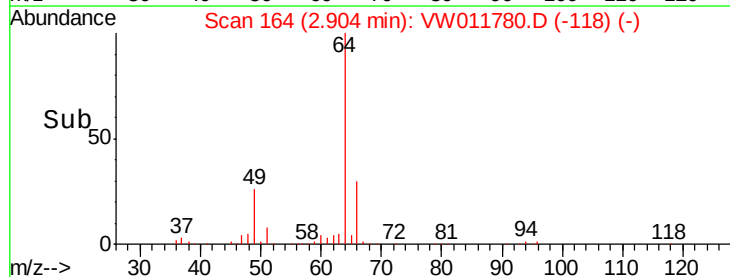
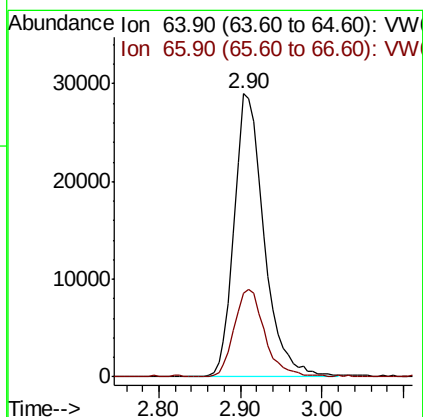
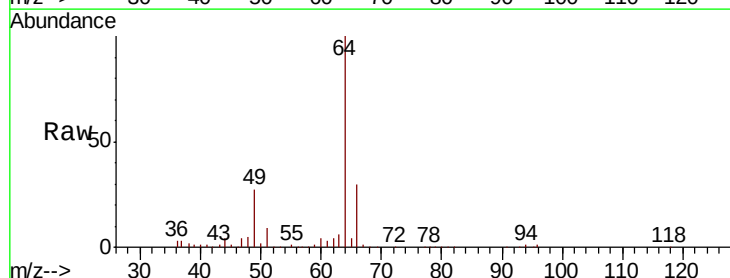
Acq: 08 Aug 2019 20:33

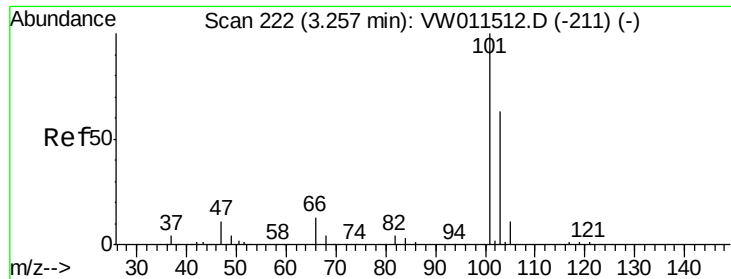
Tgt Ion: 64 Resp: 73500

Ion Ratio Lower Upper

64 100

66 29.6 24.6 36.8



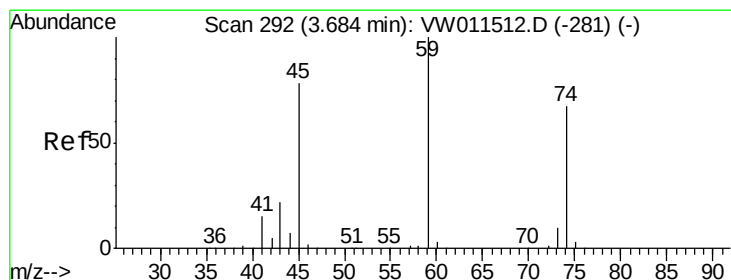
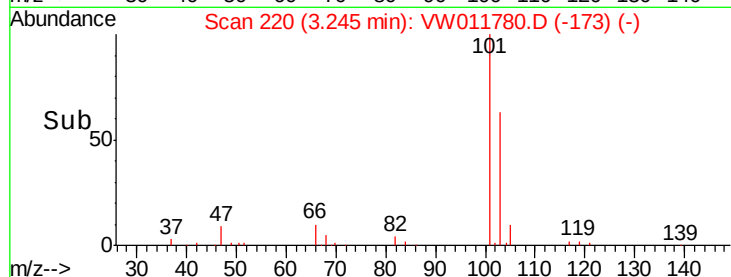
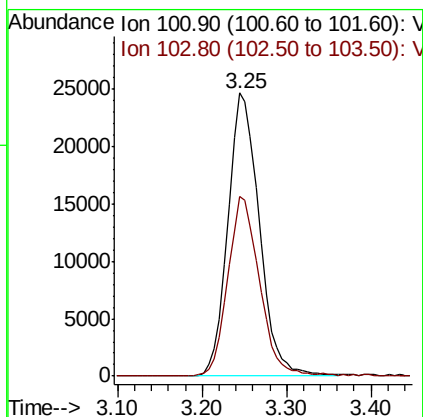
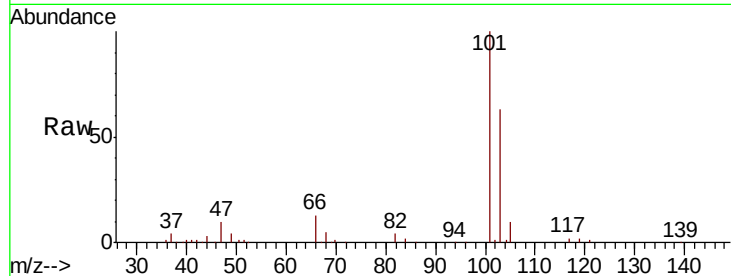


#7

Trichlorofluoromethane
 Concen: 58.650 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011780.D
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Instrument :
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 VSTDCCC050

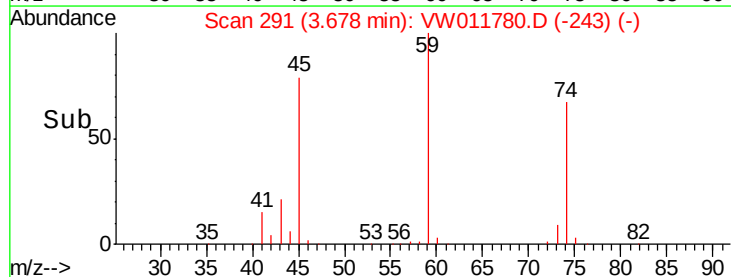
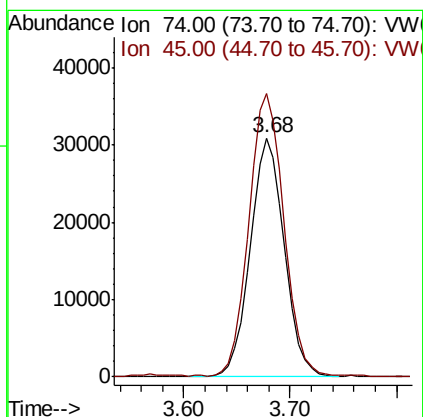
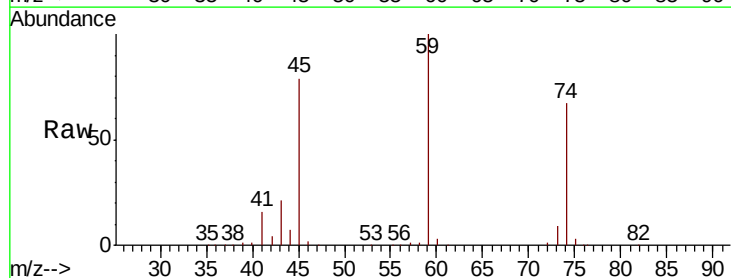
Tgt Ion:101 Resp: 62645
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.2 75.4

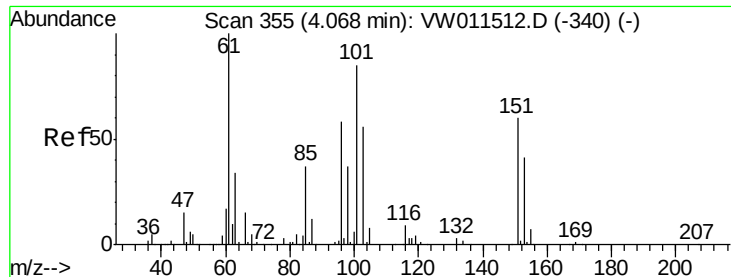


#8

Diethyl Ether
 Concen: 57.107 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 74 Resp: 69158
 Ion Ratio Lower Upper
 74 100
 45 121.3 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.976 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

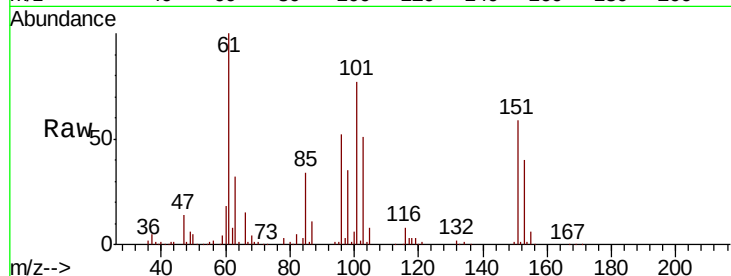
Tgt Ion:101 Resp: 111391

Ion Ratio Lower Upper

101 100

85 45.5 36.6 54.8

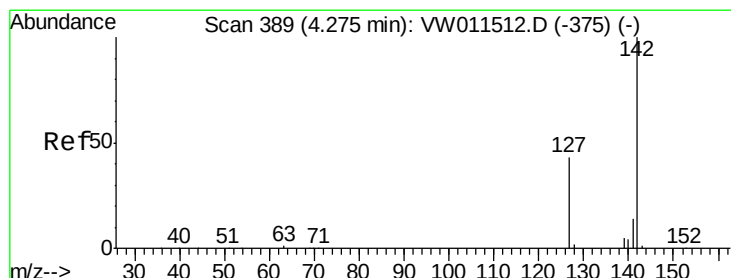
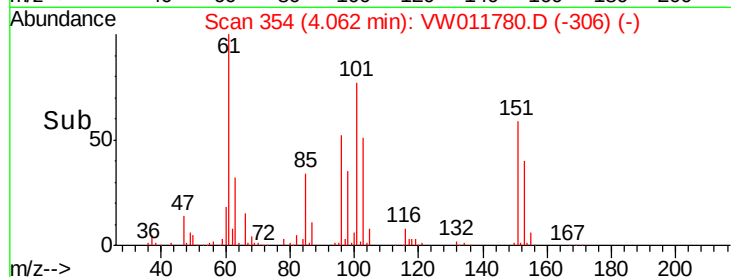
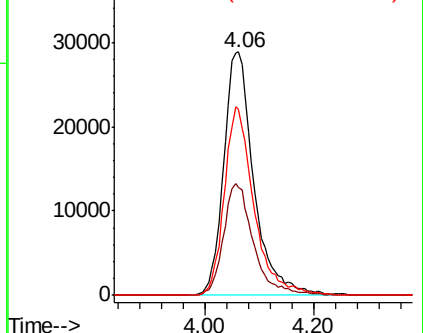
151 76.2 60.2 90.2



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: 56.303 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

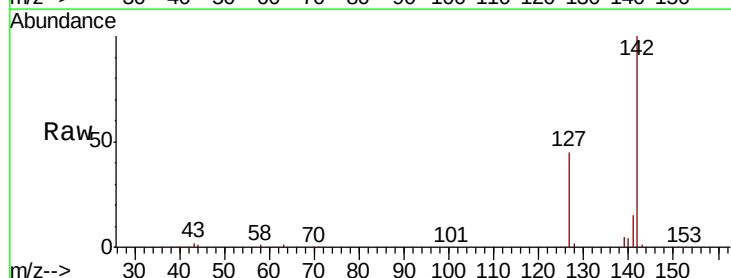
Tgt Ion:142 Resp: 161215

Ion Ratio Lower Upper

142 100

127 44.7 35.0 52.6

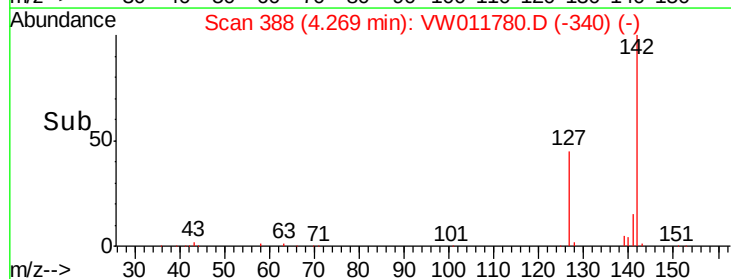
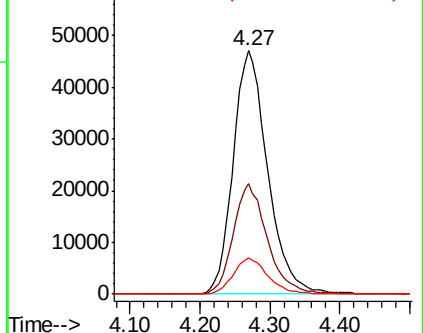
141 15.0 11.9 17.9

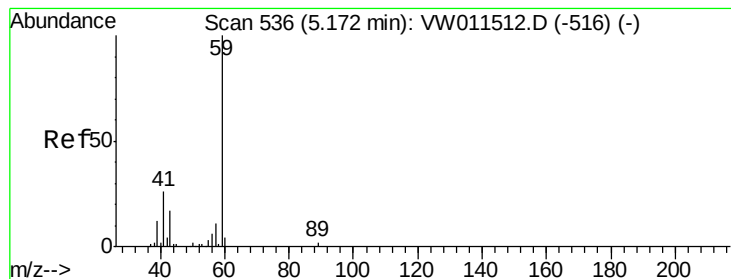


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



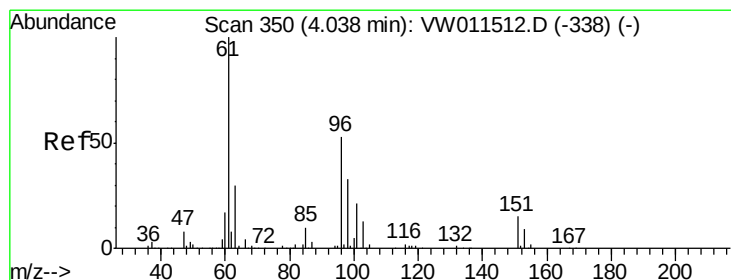
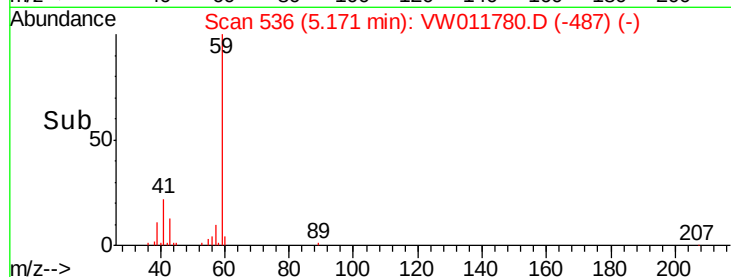
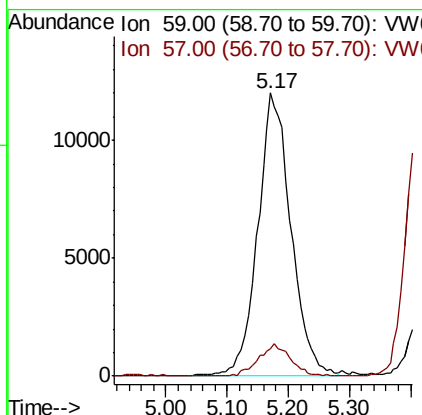
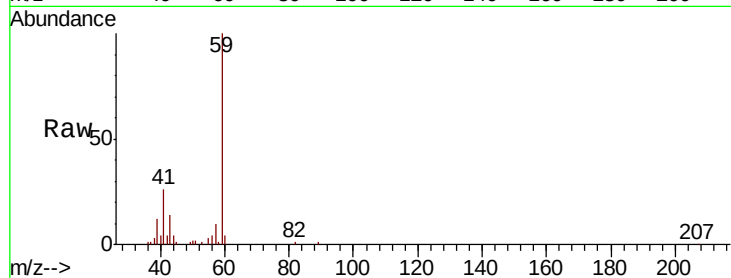


#11

Tert butyl alcohol
 Concen: 260.689 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

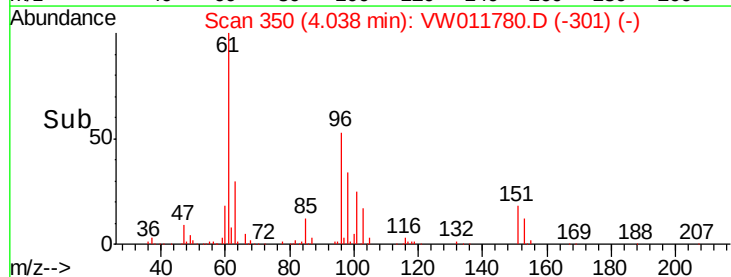
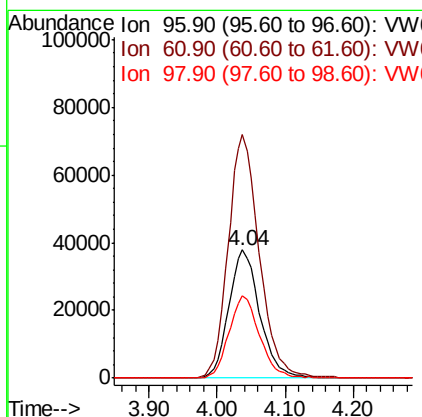
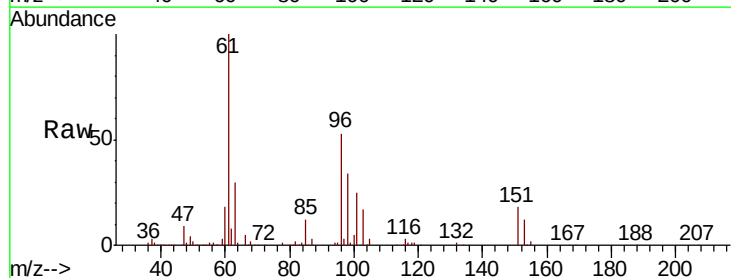
Tgt Ion: 59 Resp: 45247
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

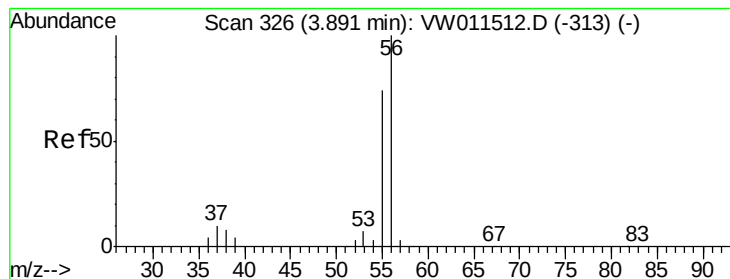


#12

1,1-Dichloroethene
 Concen: 55.846 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 96 Resp: 119473
 Ion Ratio Lower Upper
 96 100
 61 189.8 149.9 224.9
 98 64.2 49.1 73.7





#13

Acrolein

Concen: 262.077 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

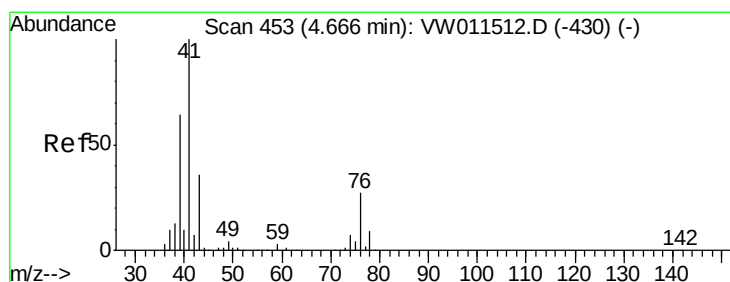
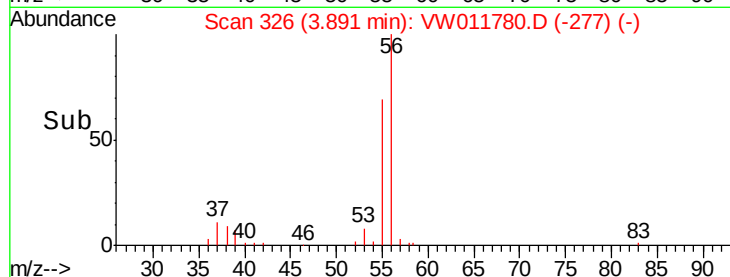
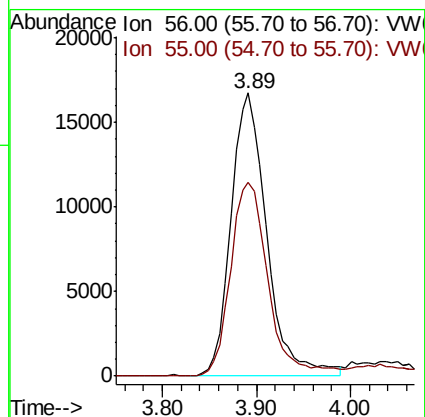
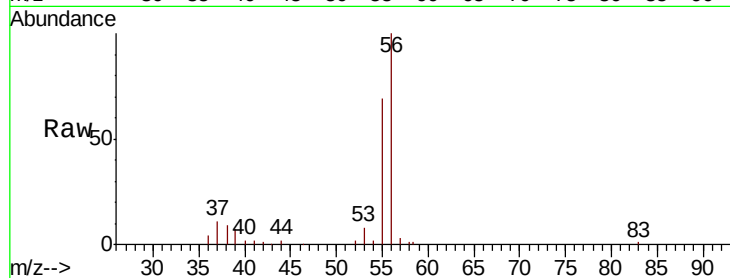
VSTDCCC050

Tgt Ion: 56 Resp: 44356

Ion Ratio Lower Upper

56 100

55 72.1 56.0 84.0



#14

Allyl chloride

Concen: 58.685 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

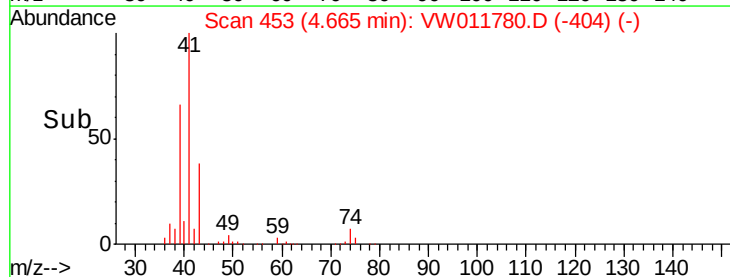
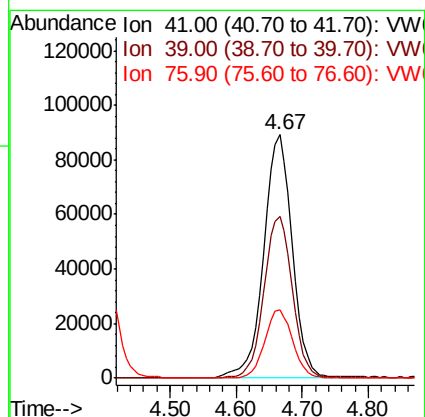
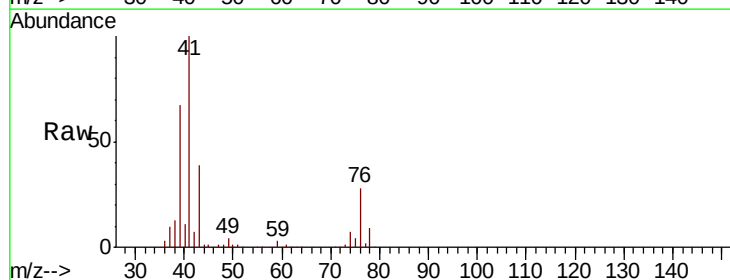
Tgt Ion: 41 Resp: 267024

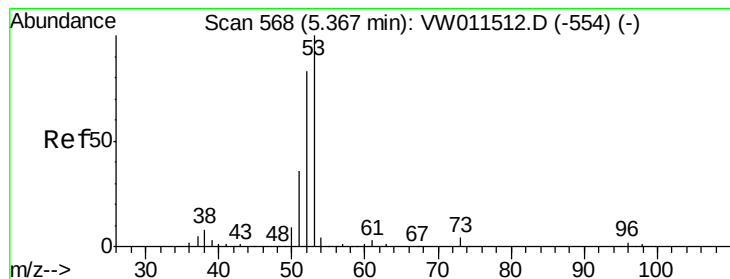
Ion Ratio Lower Upper

41 100

39 66.3 52.6 78.8

76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 291.012 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

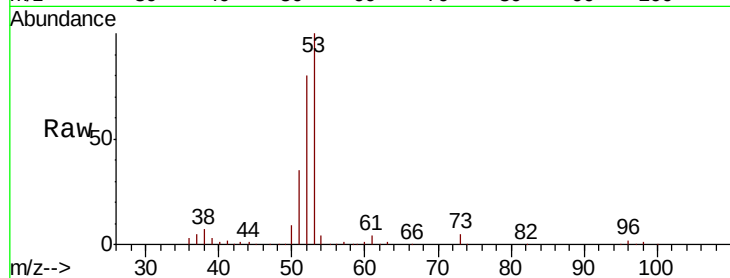
Tgt Ion: 53 Resp: 175927

Ion Ratio Lower Upper

53 100

52 83.2 67.2 100.8

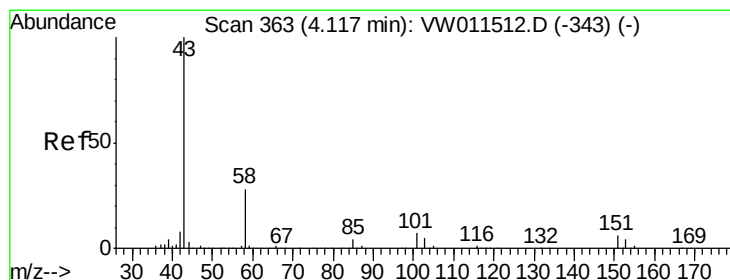
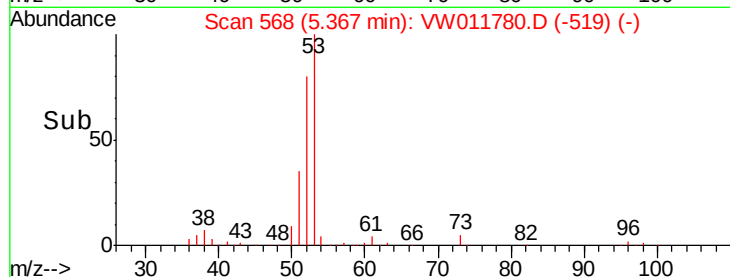
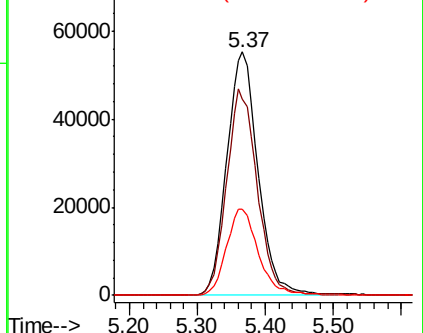
51 36.6 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 233.928 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011780.D

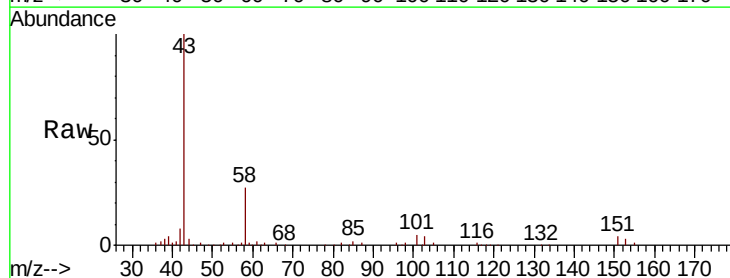
Acq: 08 Aug 2019 20:33

Tgt Ion: 43 Resp: 175520

Ion Ratio Lower Upper

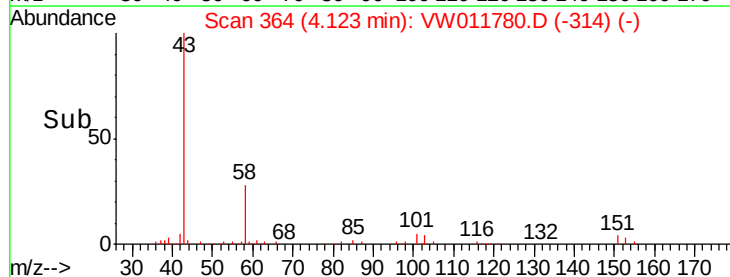
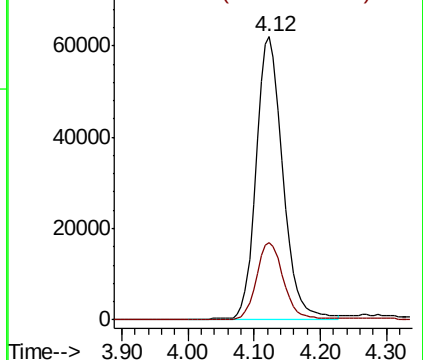
43 100

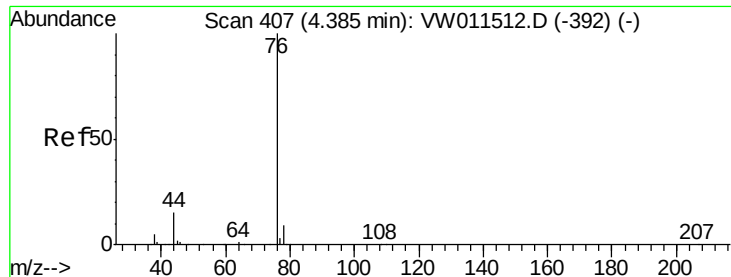
58 27.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 53.663 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampled :

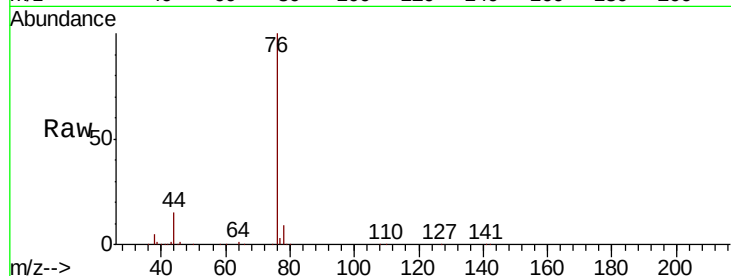
VSTDCCC050

Tgt Ion: 76 Resp: 359318

Ion Ratio Lower Upper

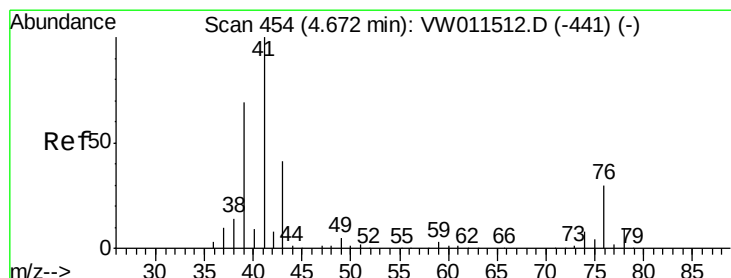
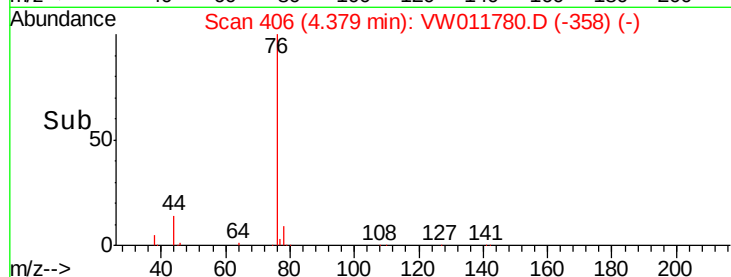
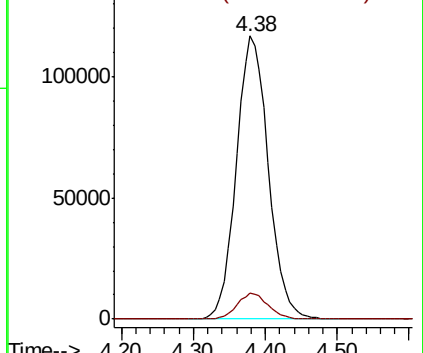
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 58.523 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011780.D

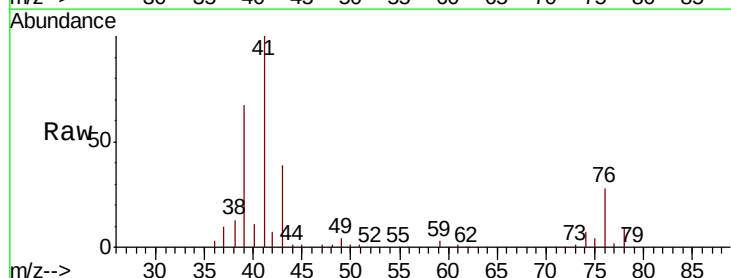
Acq: 08 Aug 2019 20:33

Tgt Ion: 43 Resp: 98645

Ion Ratio Lower Upper

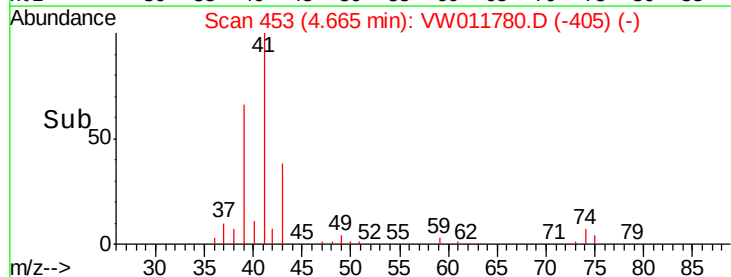
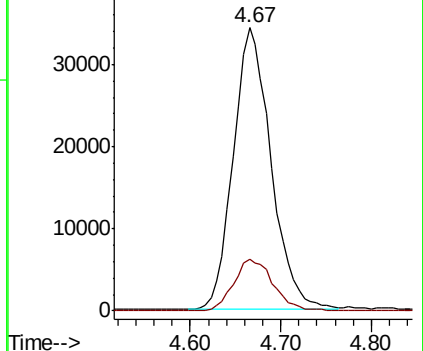
43 100

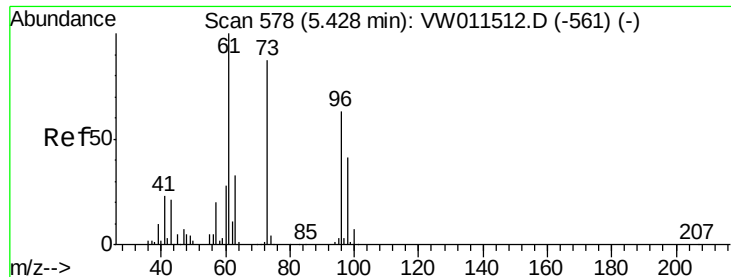
74 19.1 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

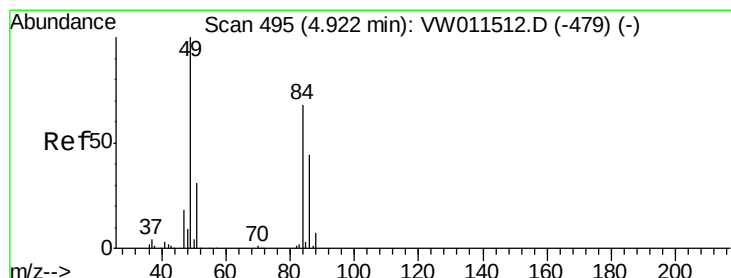
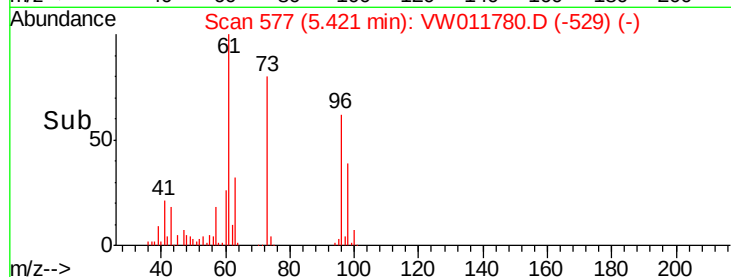
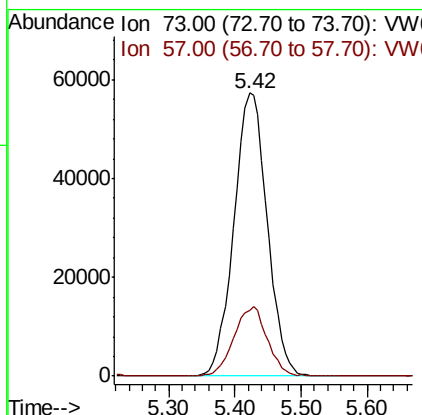
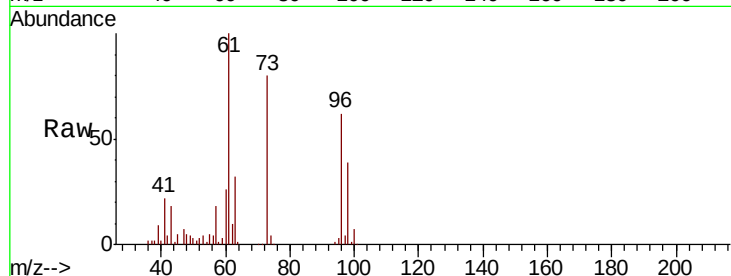




#19
Methyl tert-butyl Ether
Concen: 58.950 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

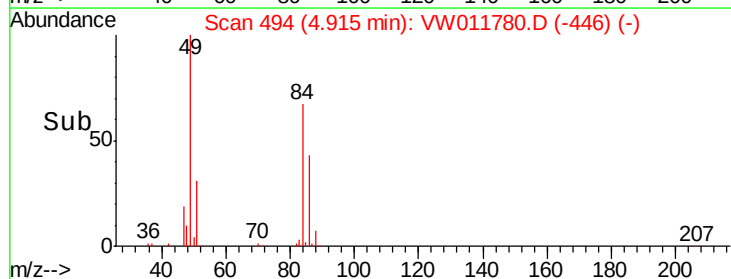
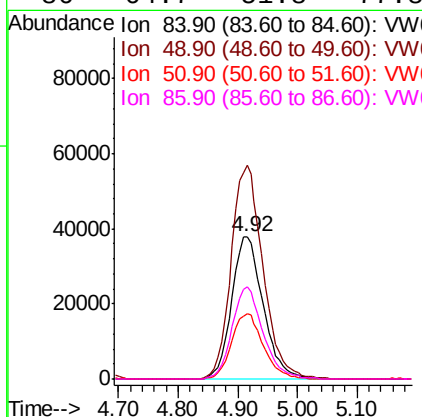
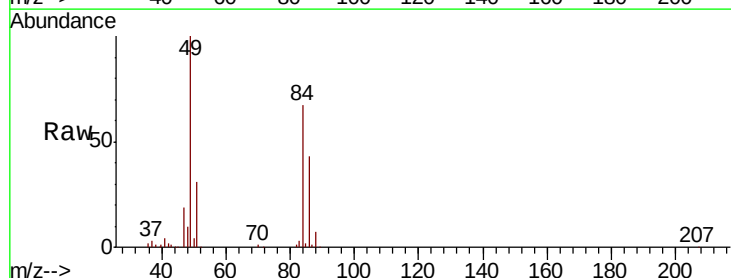
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

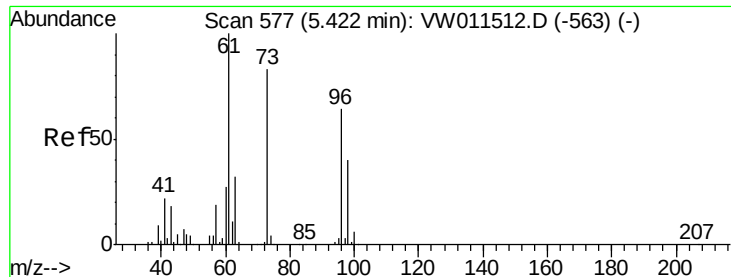
Tgt Ion: 73 Resp: 200127
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 53.858 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 84 Resp: 139367
Ion Ratio Lower Upper
84 100
49 150.2 117.8 176.6
51 46.0 37.0 55.4
86 64.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 57.824 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

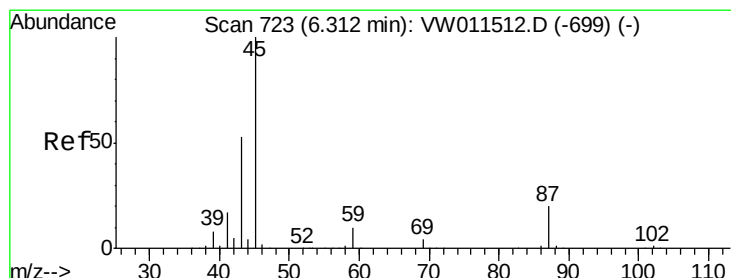
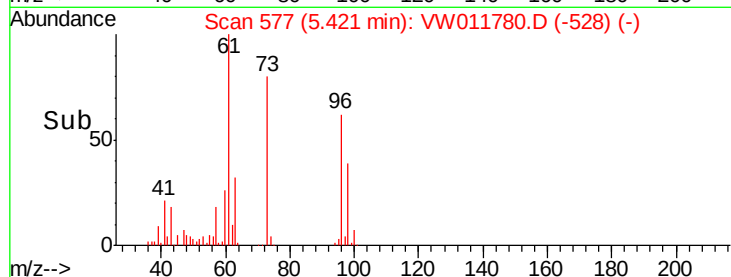
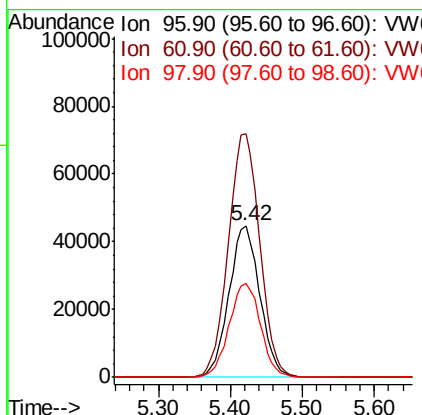
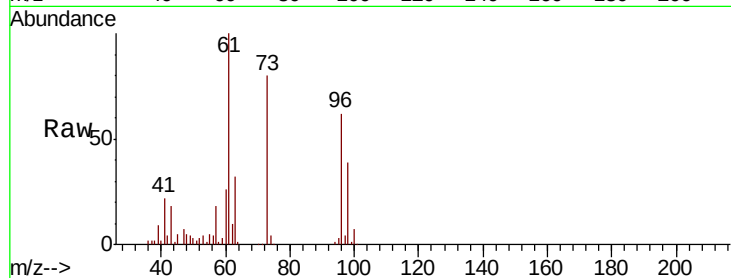
Tgt Ion: 96 Resp: 133368

Ion Ratio Lower Upper

96 100

61 160.5 125.7 188.5

98 62.0 50.3 75.5



#22

Diisopropyl ether

Concen: 59.280 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Tgt Ion: 45 Resp: 508546

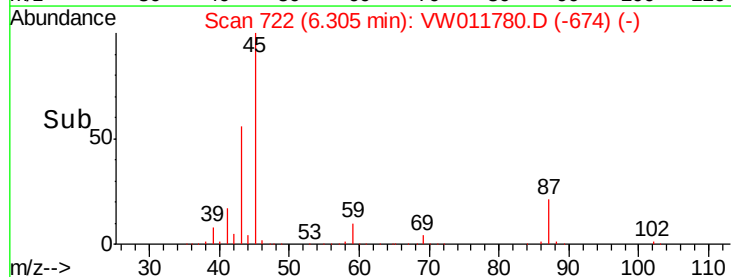
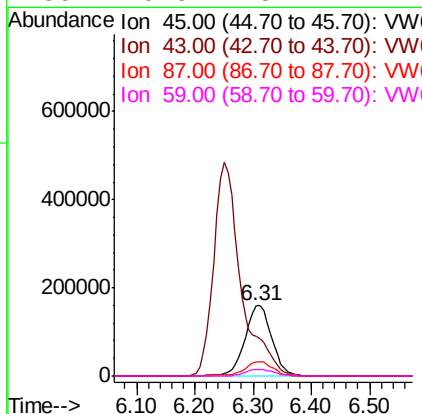
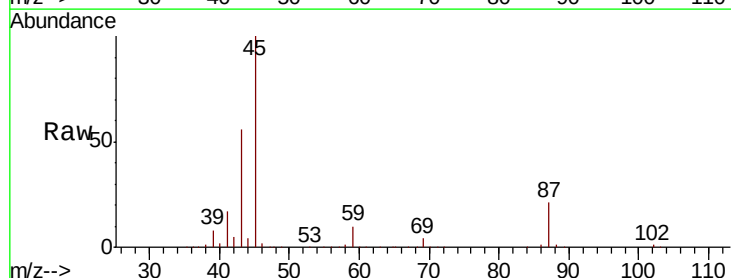
Ion Ratio Lower Upper

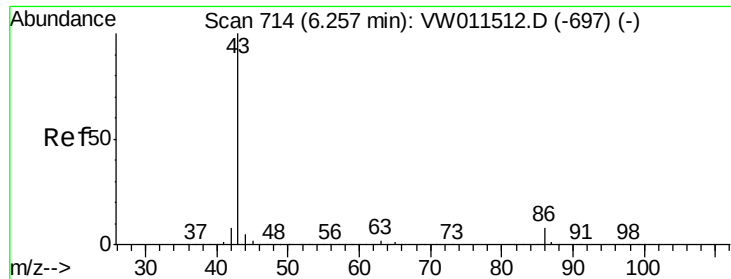
45 100

43 55.5 42.6 63.8

87 21.0 16.4 24.6

59 9.9 8.2 12.2

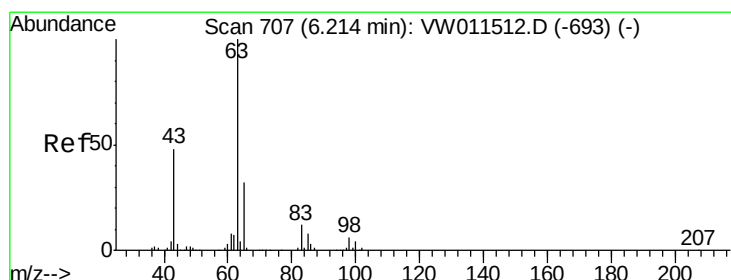
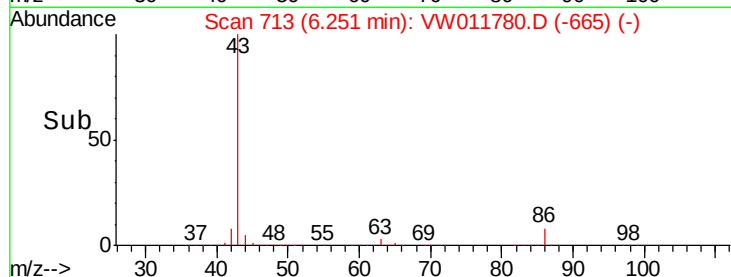
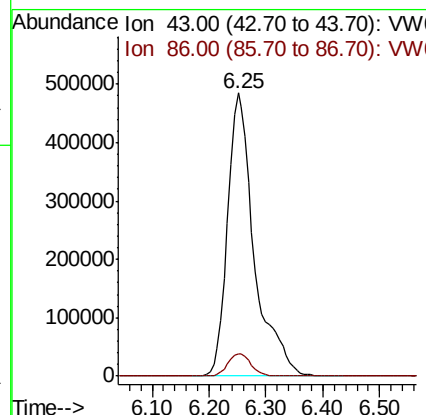
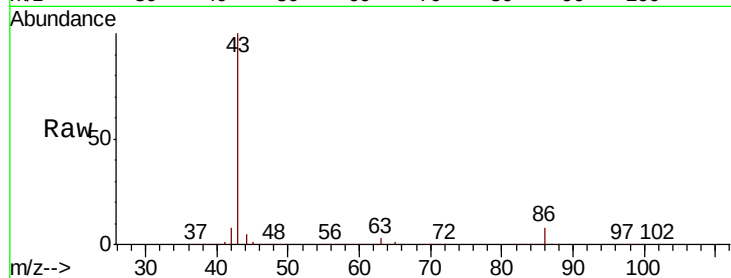




#23
 Vinyl Acetate
 Concen: 293.302 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

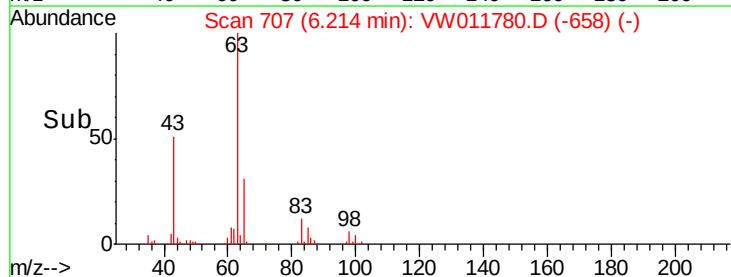
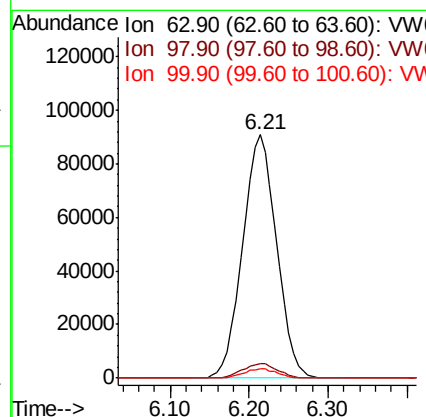
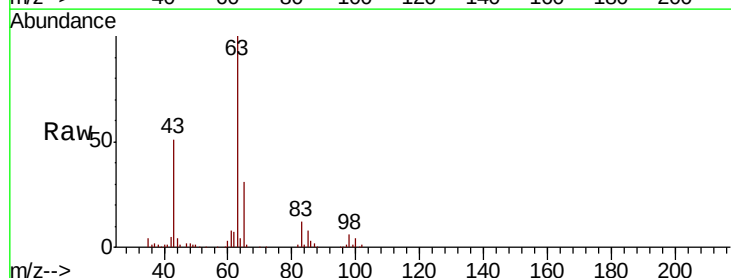
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

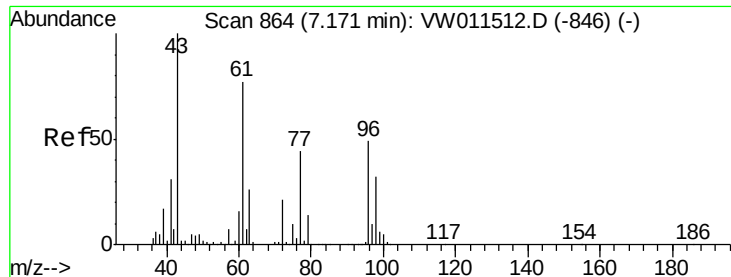
Tgt Ion: 43 Resp: 1581038
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 59.167 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 63 Resp: 271842
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 260.540 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampled :

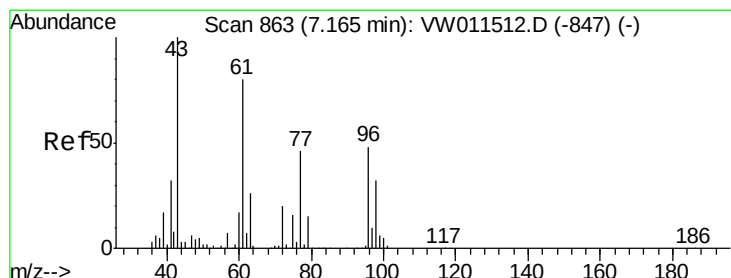
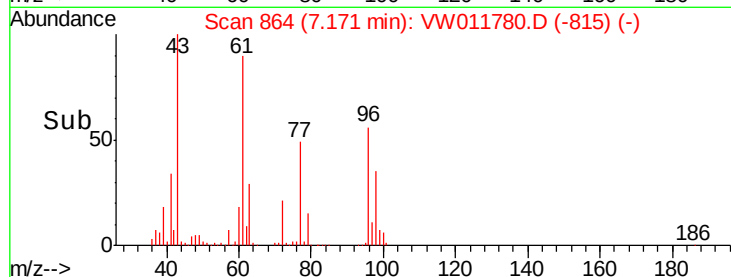
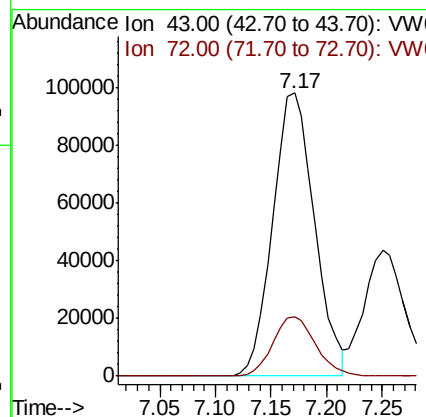
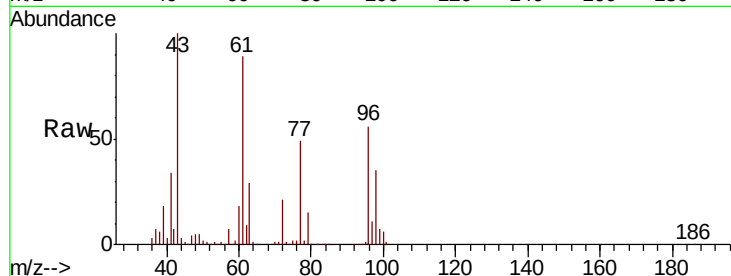
VSTDCCC050

Tgt Ion: 43 Resp: 255801

Ion Ratio Lower Upper

43 100

72 21.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 50.889 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011780.D

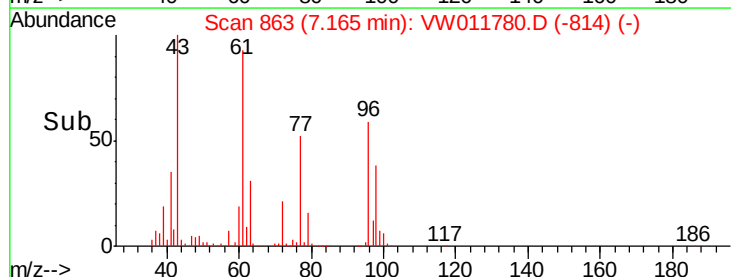
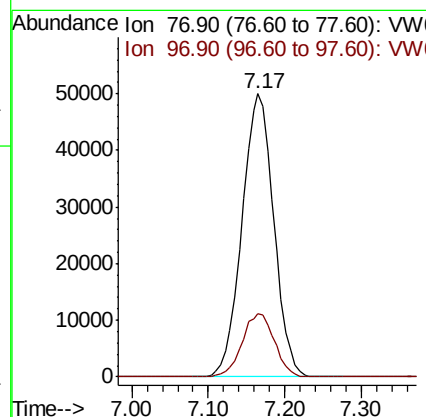
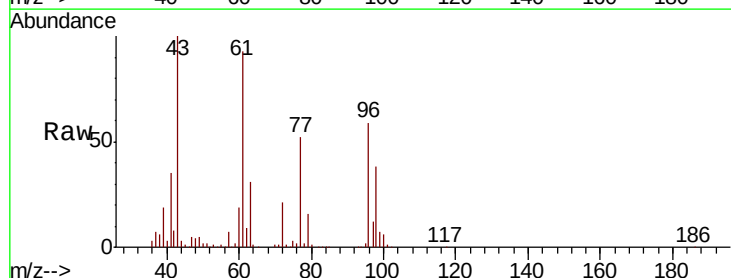
Acq: 08 Aug 2019 20:33

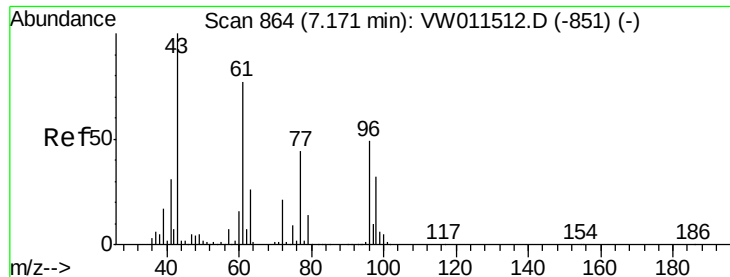
Tgt Ion: 77 Resp: 143789

Ion Ratio Lower Upper

77 100

97 22.6 10.8 32.4



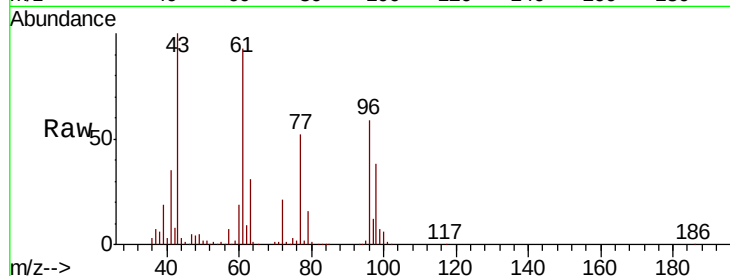


#27

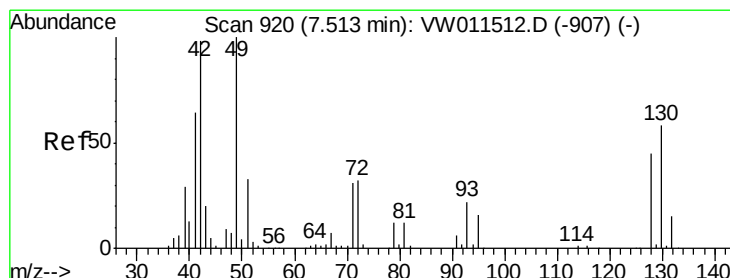
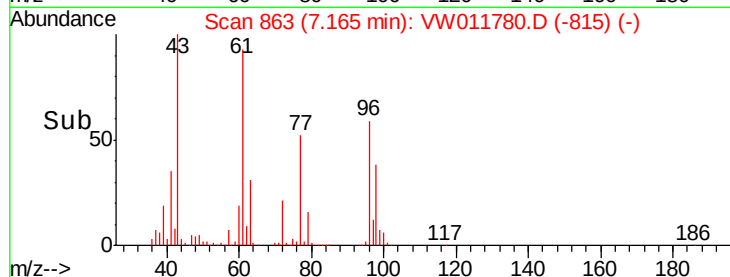
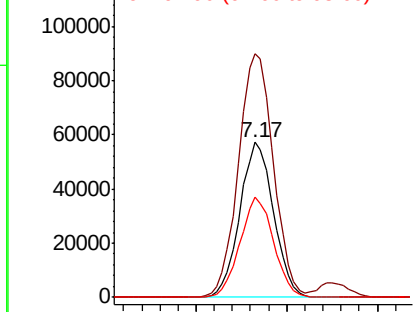
cis-1,2-Dichloroethene
 Concen: 58.255 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	147877		
Ion Ratio			
96	100		
61	162.3	0.0	328.4
98	64.1	0.0	128.8



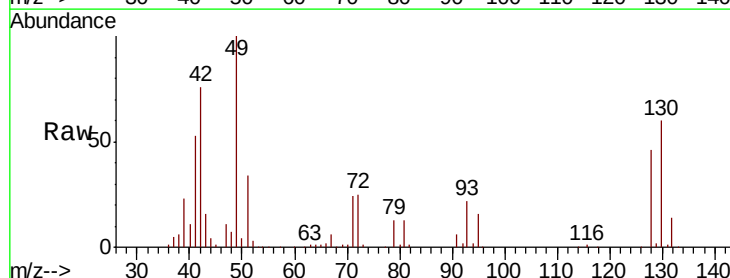
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



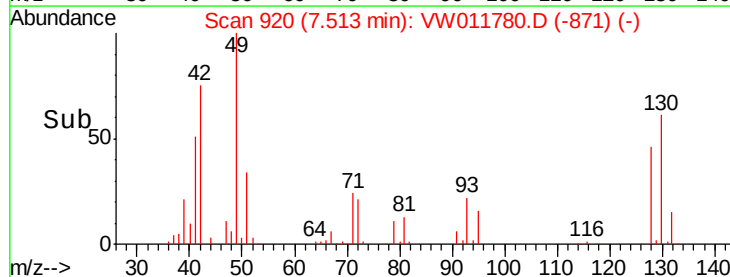
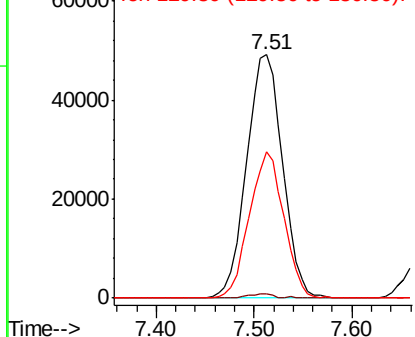
#28

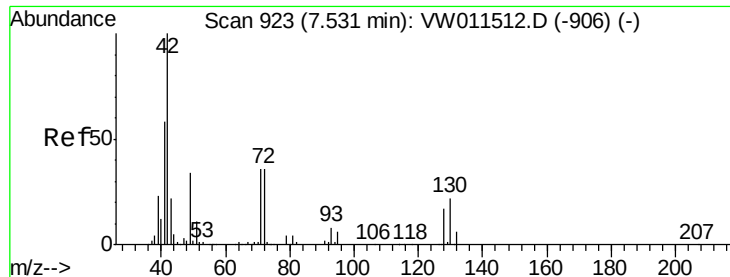
Bromochloromethane
 Concen: 61.562 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion	Resp	Lower	Upper
49	125544		
Ion Ratio			
49	100		
129	1.2	0.0	1.0#
130	57.6	46.3	69.5



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

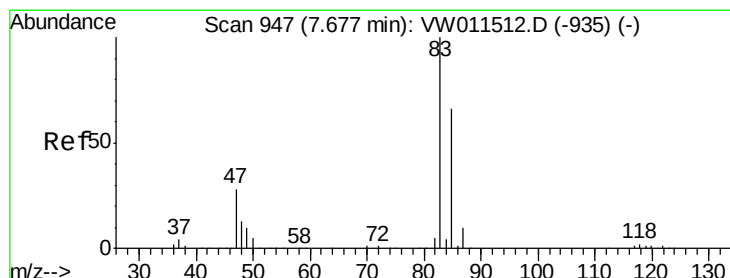
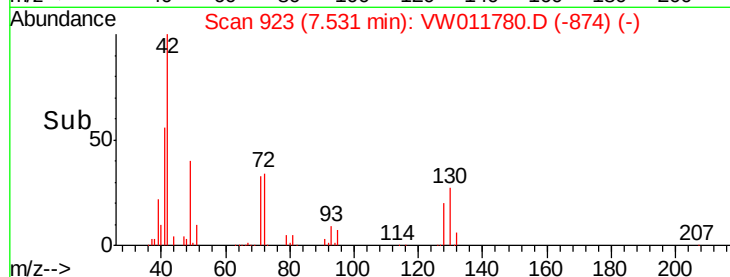
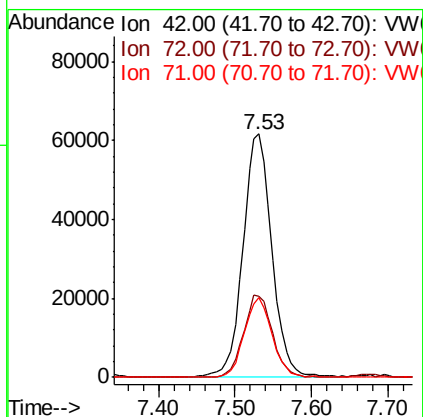
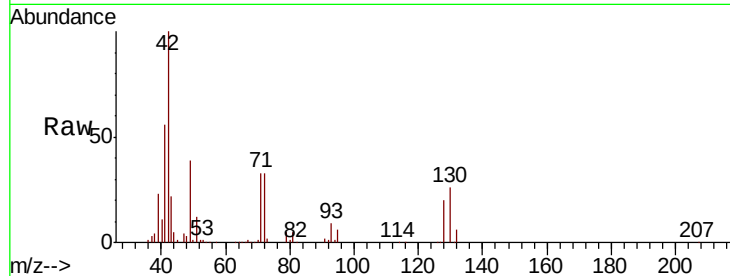




#29
Tetrahydrofuran
Concen: 287.662 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

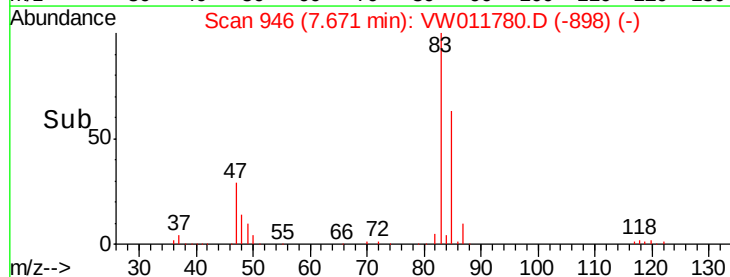
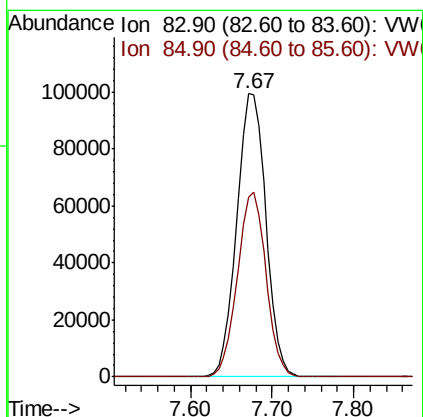
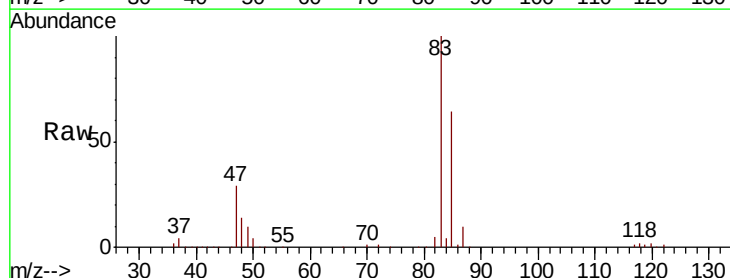
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

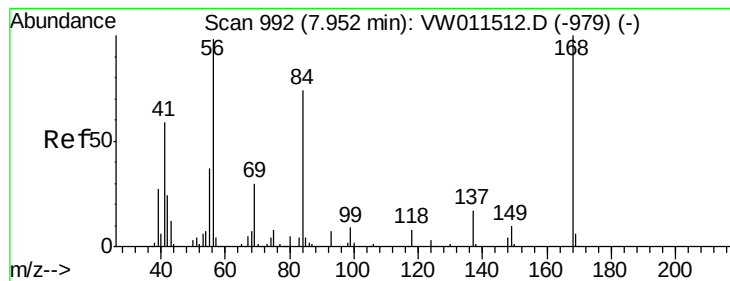
Tgt Ion: 42 Resp: 161439
Ion Ratio Lower Upper
42 100
72 34.1 27.1 40.7
71 31.5 26.2 39.4



#30
Chloroform
Concen: 58.130 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 83 Resp: 246397
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7





#31

Cyclohexane

Concen: 54.965 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

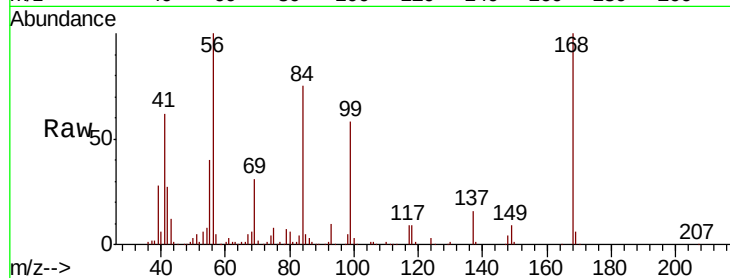
Tgt Ion: 56 Resp: 242412

Ion Ratio Lower Upper

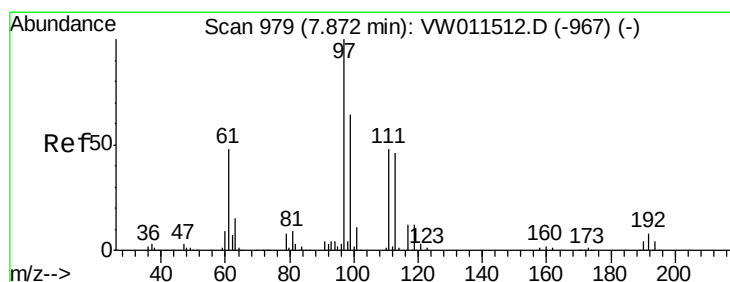
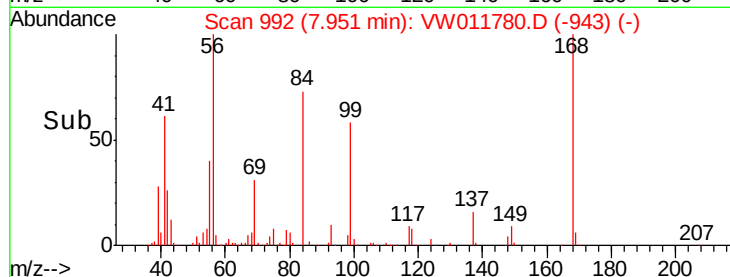
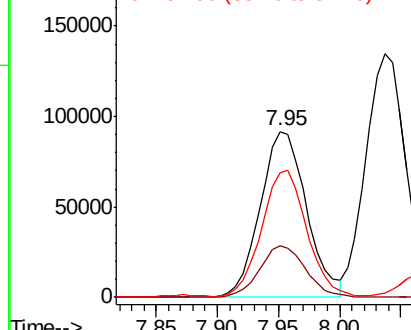
56 100

69 31.0 24.3 36.5

84 73.7 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: 59.323 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

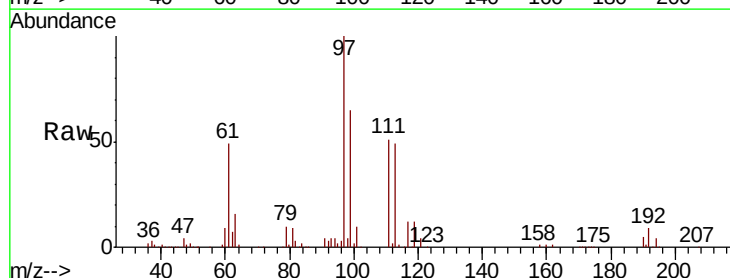
Tgt Ion: 97 Resp: 191500

Ion Ratio Lower Upper

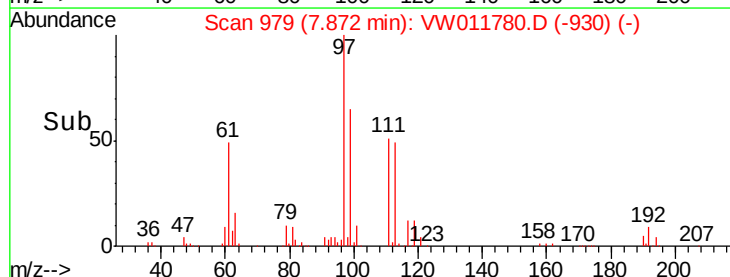
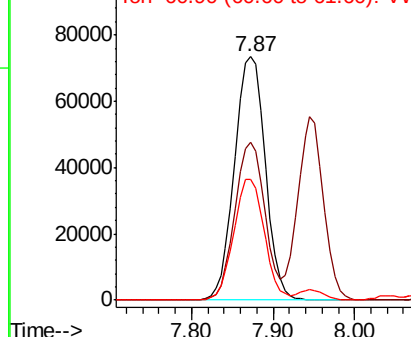
97 100

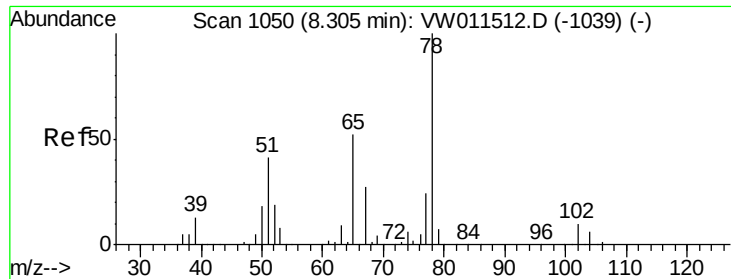
99 63.2 51.0 76.6

61 49.3 39.8 59.6



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

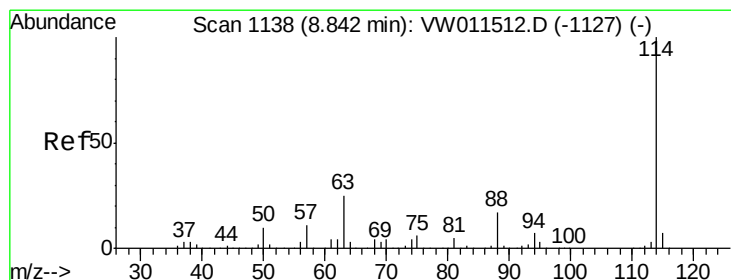
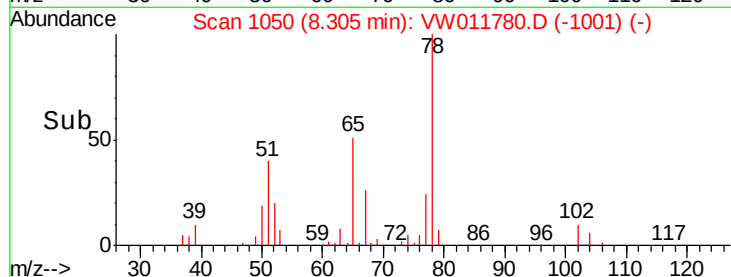
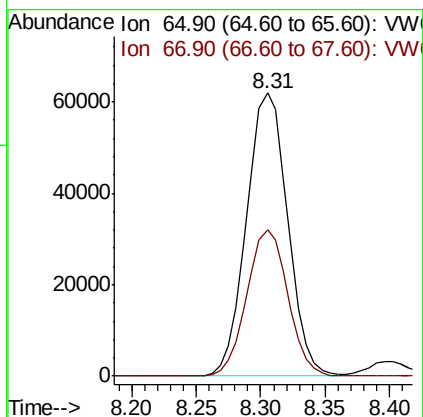
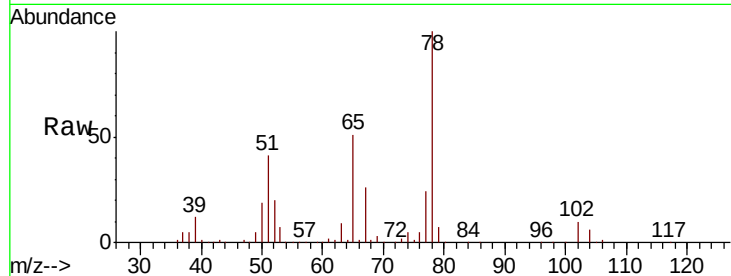




#33
 1,2-Dichloroethane-d4
 Concen: 58.090 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

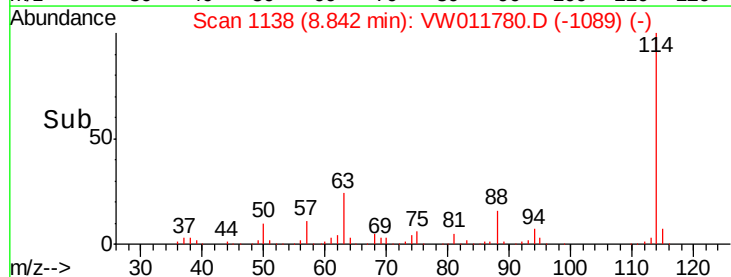
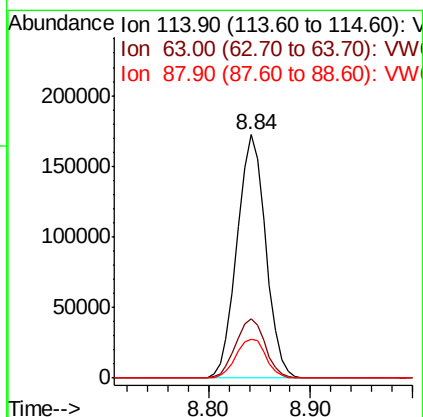
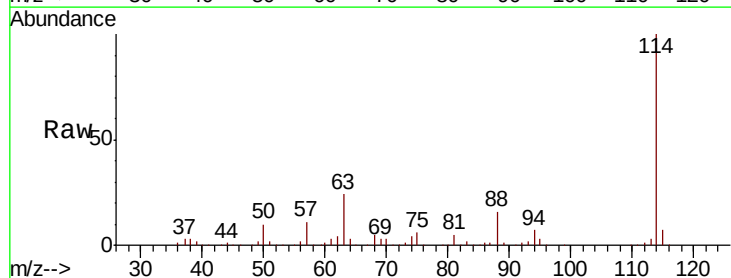
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

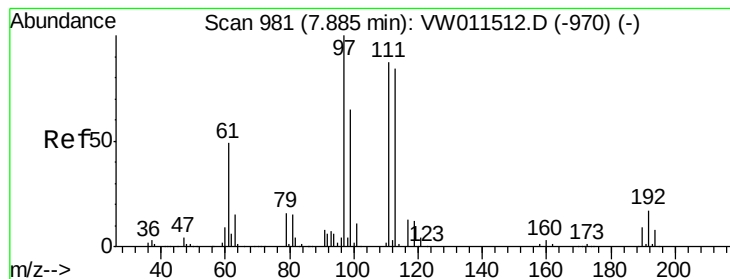
Tgt Ion: 65 Resp: 137021
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 114 Resp: 335319
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 58.975 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

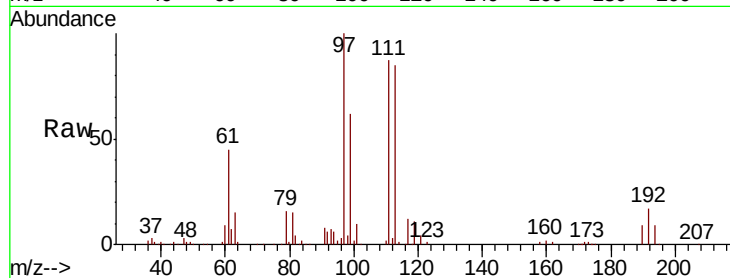
Tgt Ion:113 Resp: 110943

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

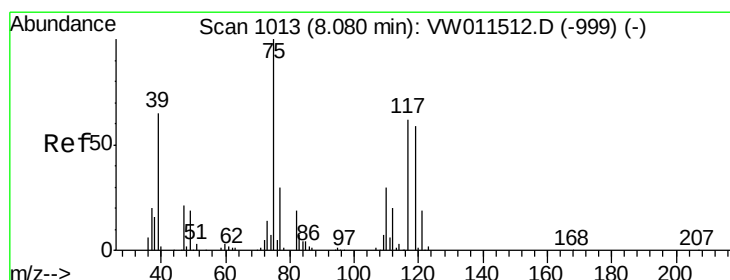
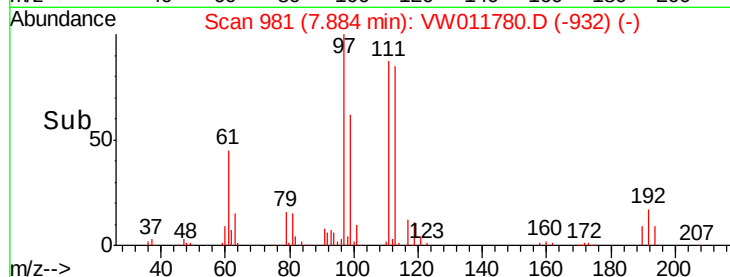
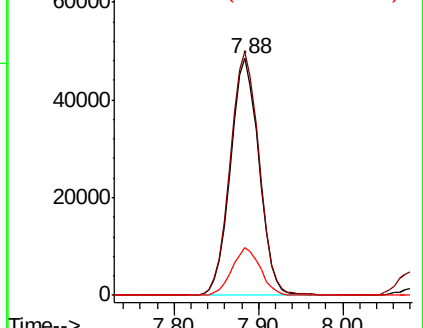
192 20.1 16.1 24.1



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: 57.694 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

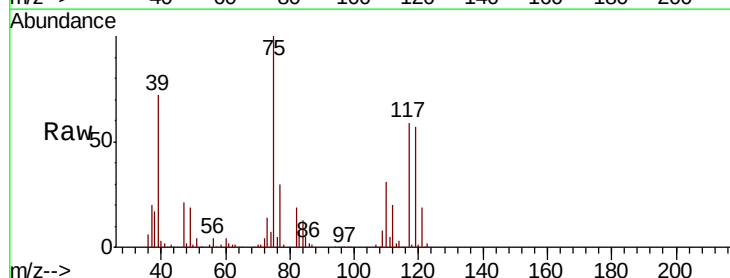
Tgt Ion: 75 Resp: 201163

Ion Ratio Lower Upper

75 100

110 31.4 15.6 46.8

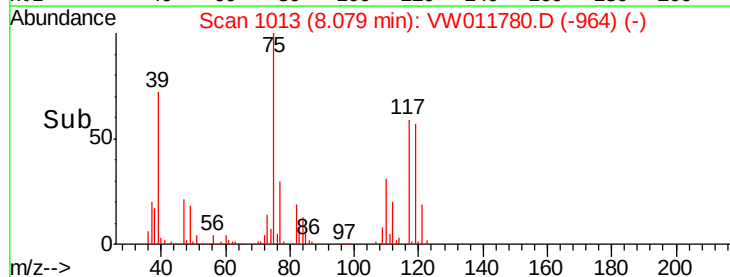
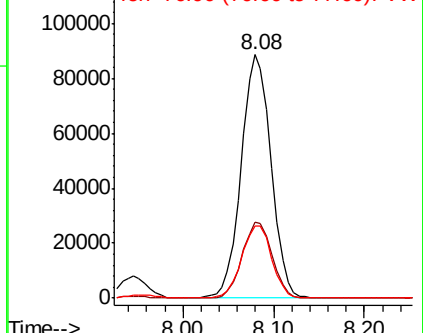
77 30.4 24.3 36.5

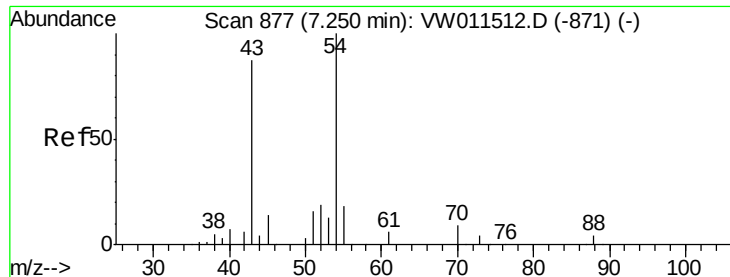


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

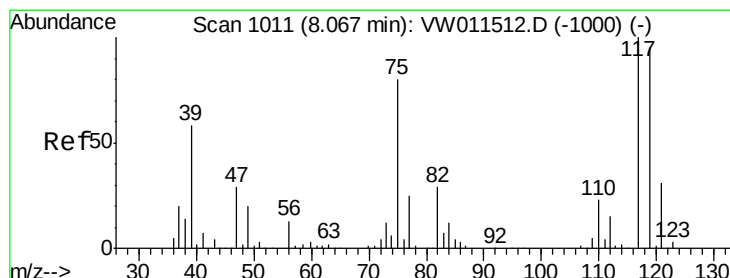
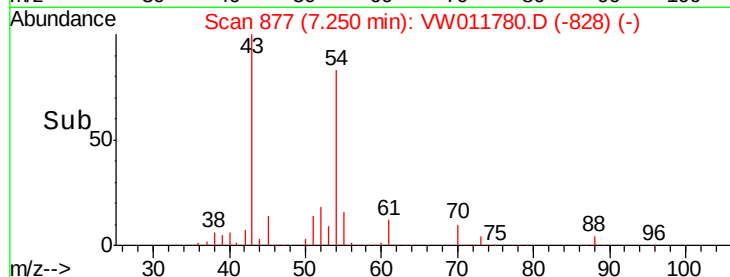
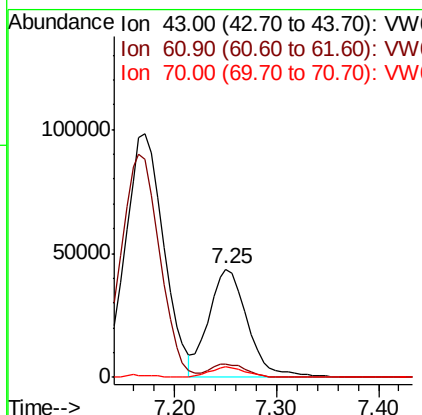
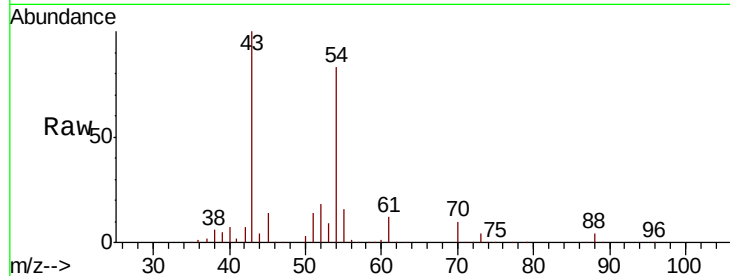




#37
Ethyl Acetate
Concen: 56.928 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

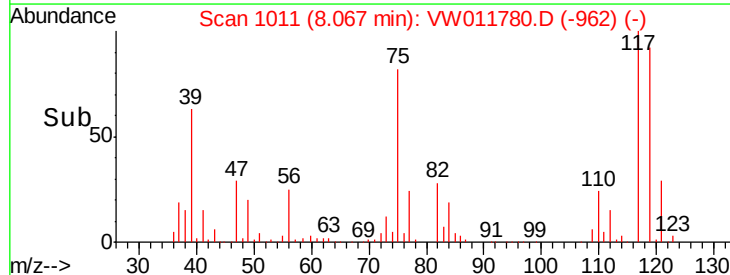
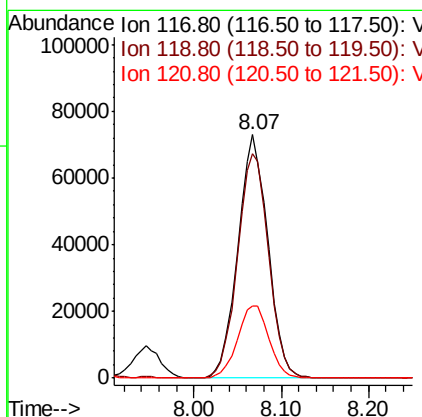
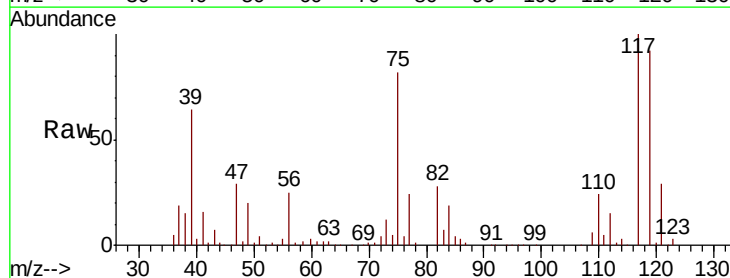
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

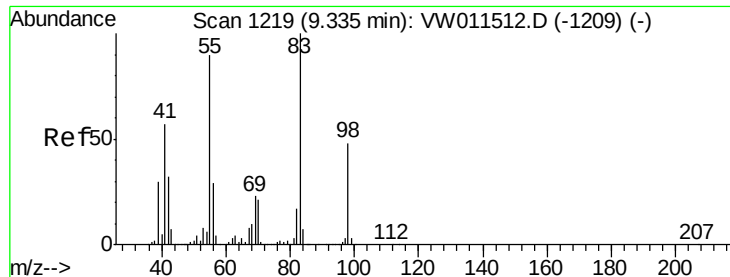
Tgt Ion: 43 Resp: 114197
Ion Ratio Lower Upper
43 100
61 12.0 8.8 13.2
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 58.110 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 117 Resp: 173451
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.6
121 29.4 24.7 37.1

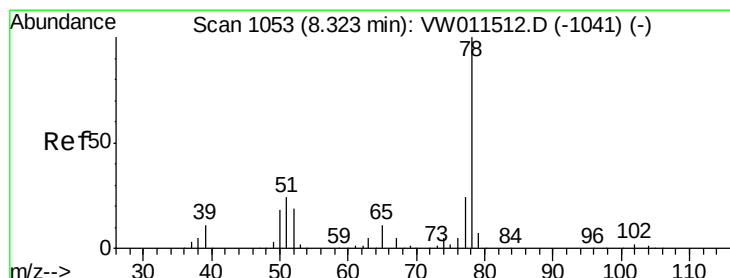
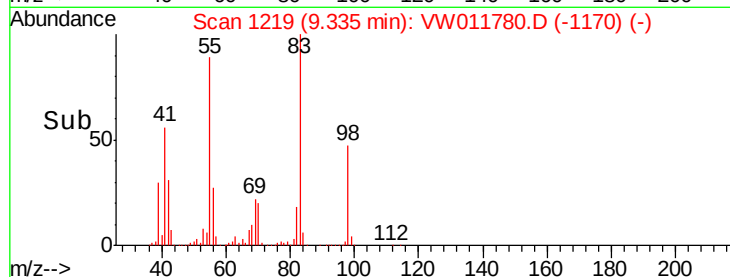
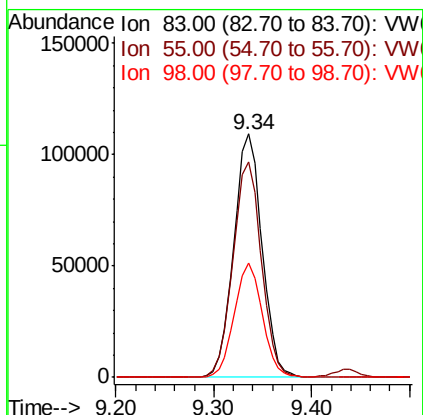
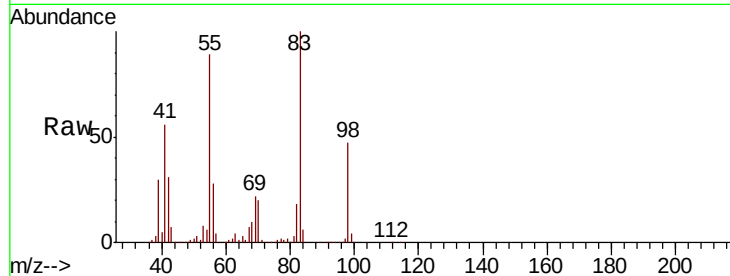




#39
Methylcyclohexane
Concen: 57.368 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

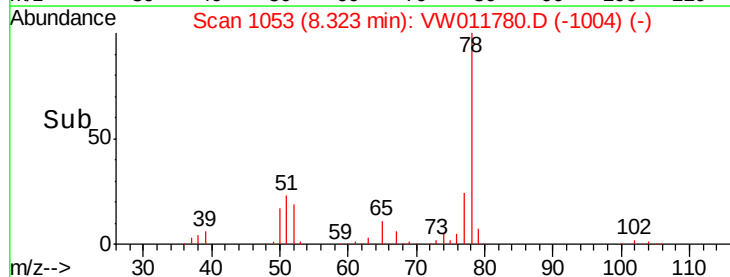
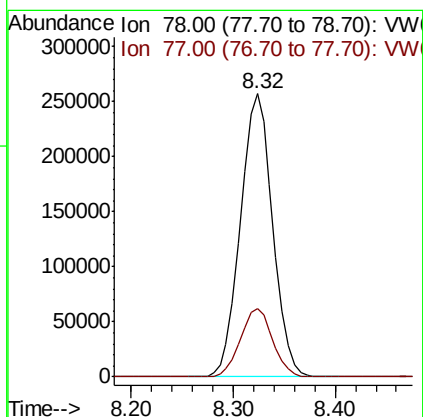
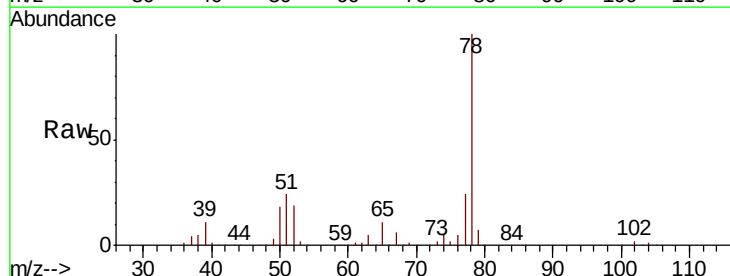
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

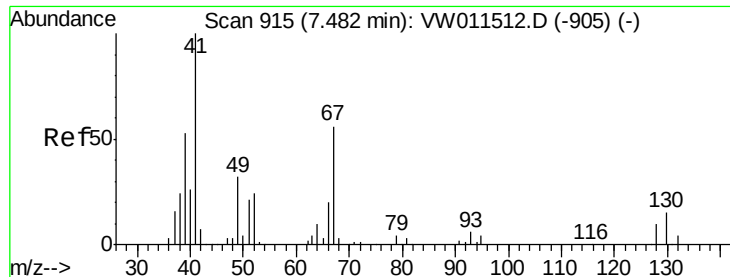
Tgt Ion: 83 Resp: 220251
Ion Ratio Lower Upper
83 100
55 88.8 72.1 108.1
98 46.8 38.6 57.8



#40
Benzene
Concen: 57.683 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 78 Resp: 563359
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

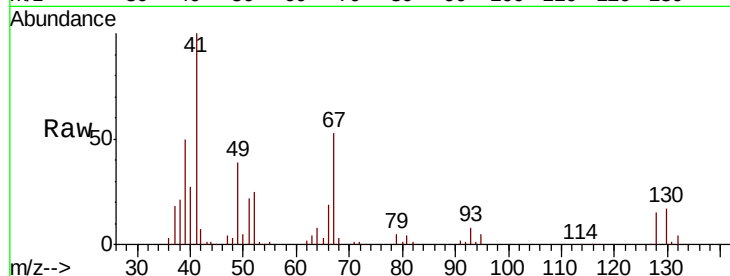




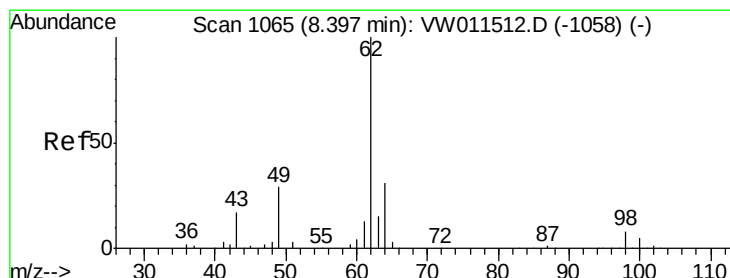
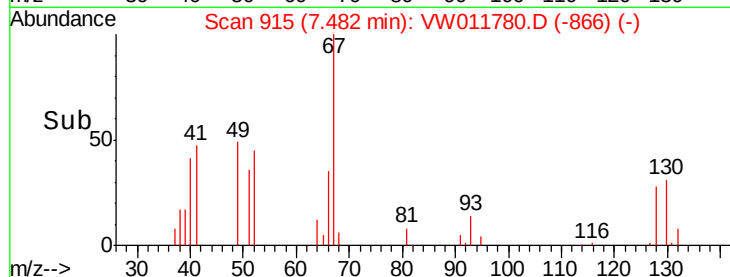
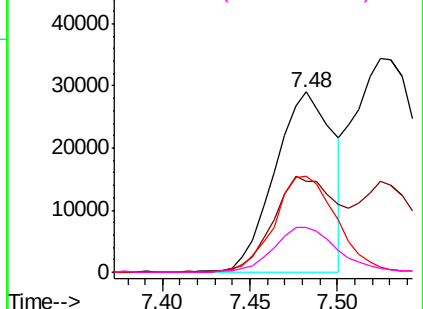
#41
Methacrylonitrile
Concen: 56.591 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	67860
Ion	Ratio	Lower	Upper
41	100		
39	59.3	43.0	64.4
67	57.2	47.5	71.3
52	27.5	21.0	31.6

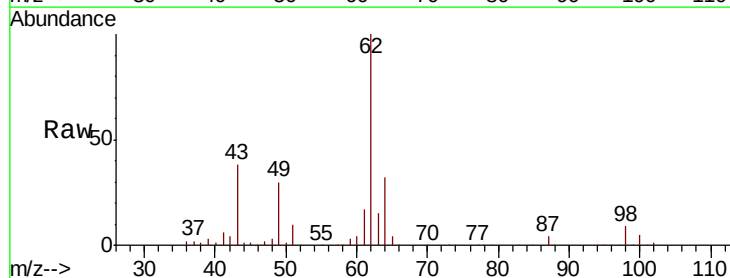


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

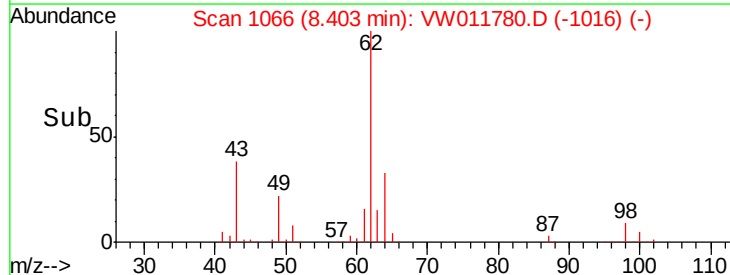
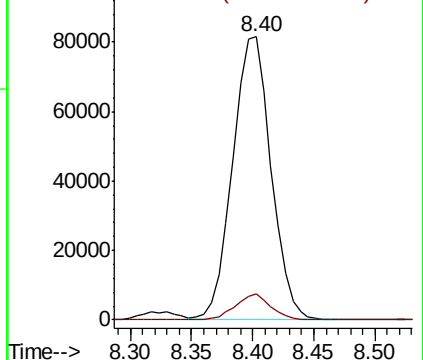


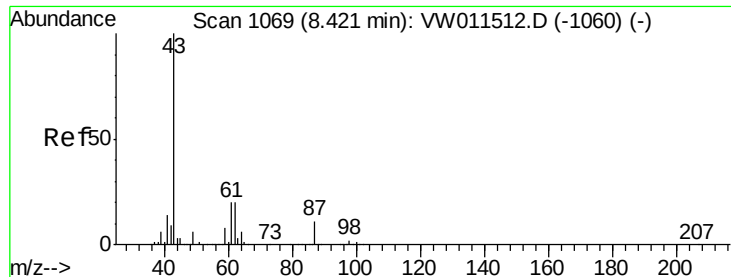
#42
1,2-Dichloroethane
Concen: 57.904 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion:	62	Resp:	177055
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 58.425 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

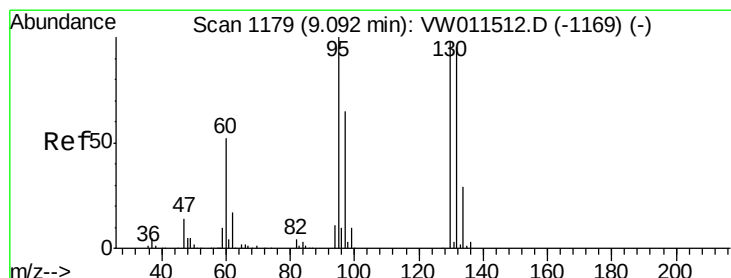
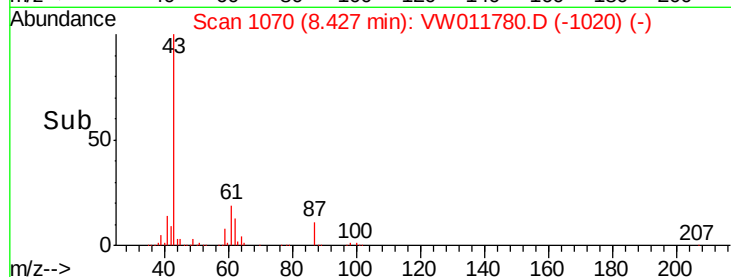
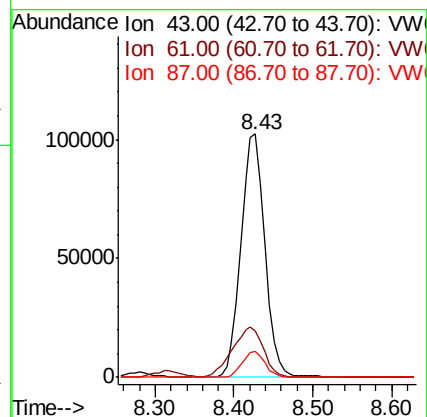
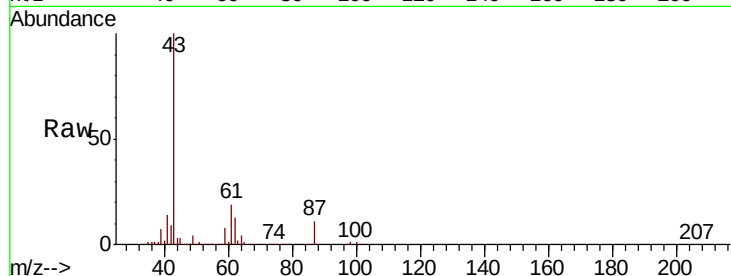
Tgt Ion: 43 Resp: 215539

Ion Ratio Lower Upper

43 100

61 26.6 21.5 32.3

87 10.3 8.4 12.6



#44

Trichloroethene

Concen: 57.788 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011780.D

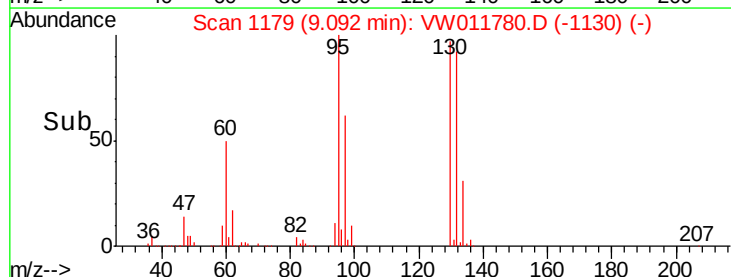
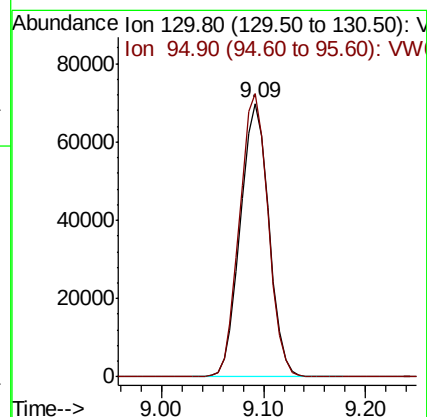
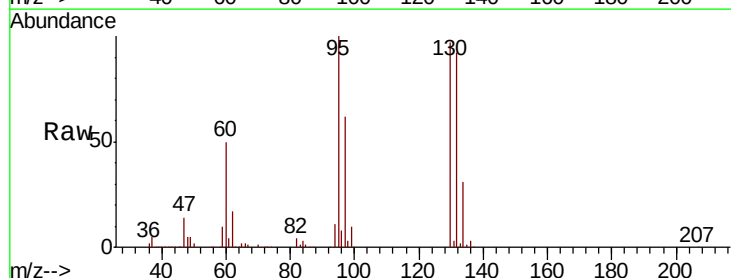
Acq: 08 Aug 2019 20:33

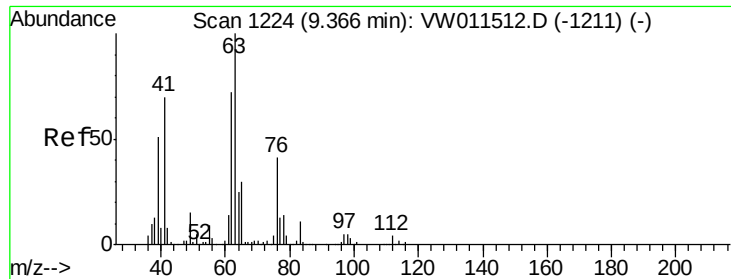
Tgt Ion: 130 Resp: 135649

Ion Ratio Lower Upper

130 100

95 103.6 0.0 204.8

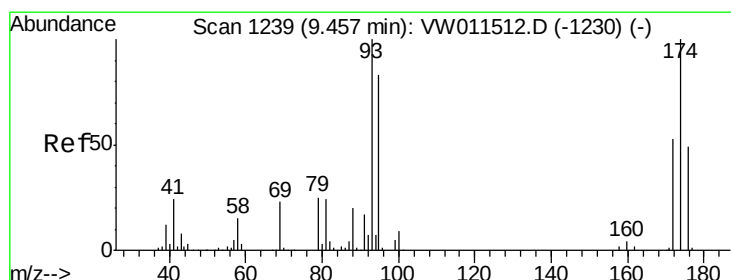
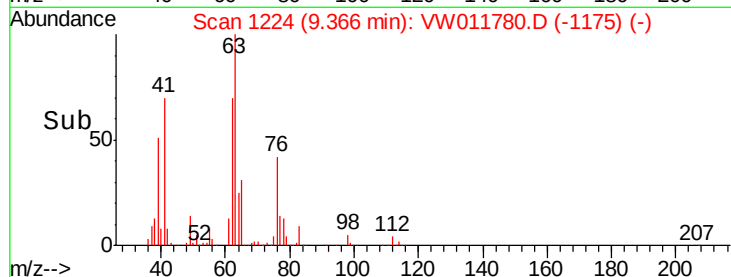
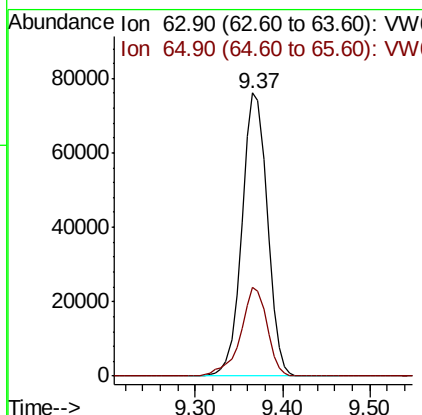
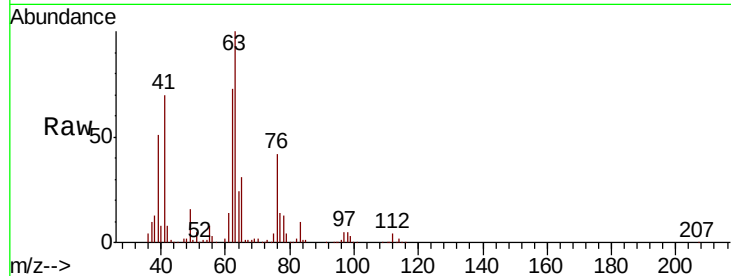




#45
 1,2-Dichloropropane
 Concen: 58.748 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

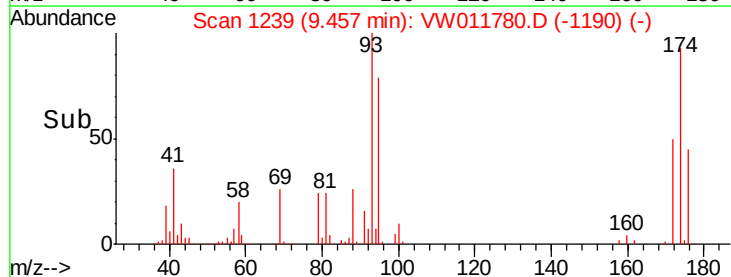
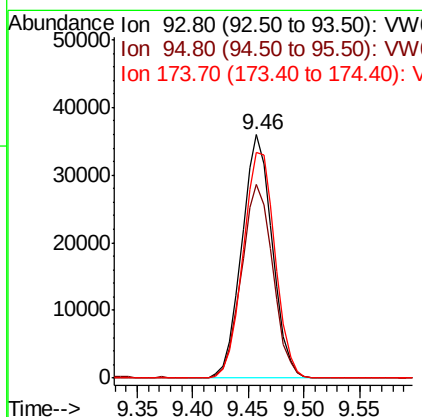
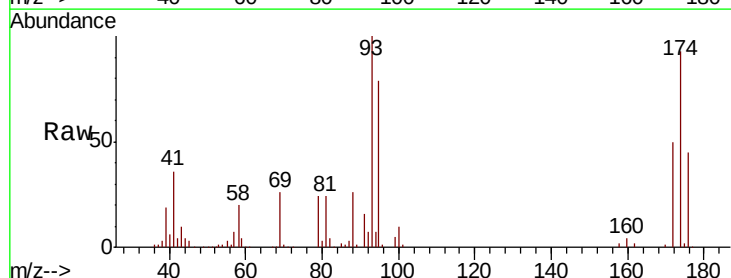
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

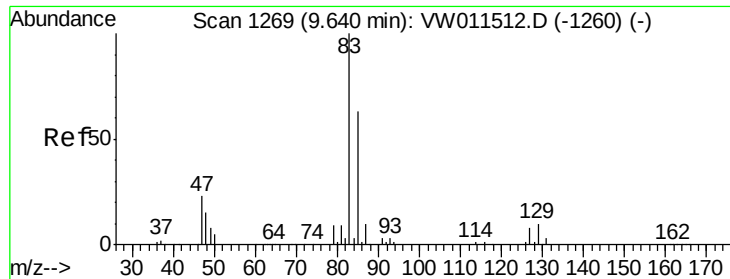
Tgt Ion: 63 Resp: 153519
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 57.323 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 93 Resp: 68369
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.2 99.2
 174 97.5 78.2 117.4





#47

Bromodichloromethane

Concen: 58.722 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

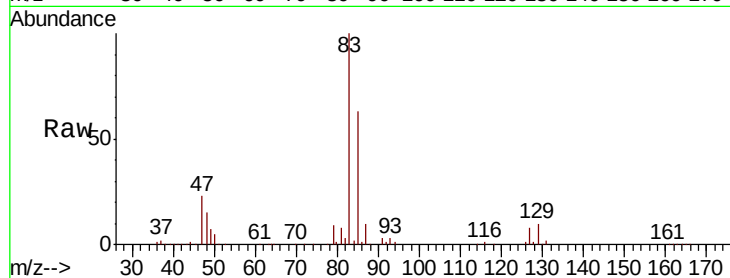
Tgt Ion: 83 Resp: 183718

Ion Ratio Lower Upper

83 100

85 62.8 50.5 75.7

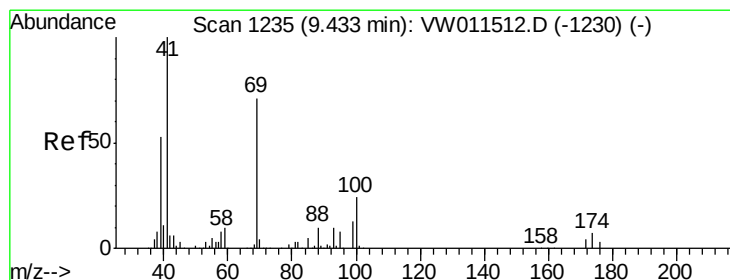
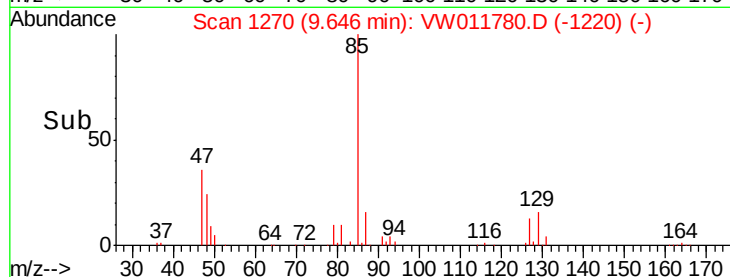
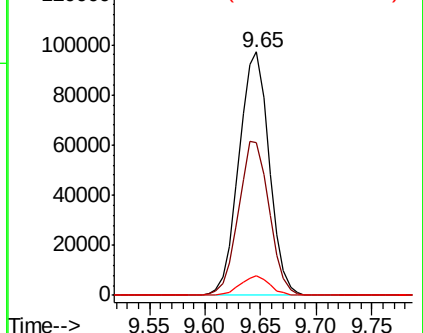
127 8.1 6.4 9.6



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: 58.828 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

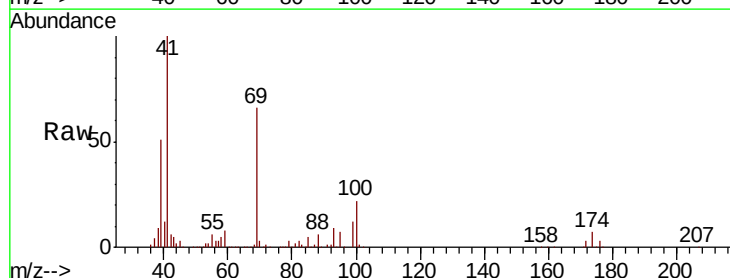
Tgt Ion: 41 Resp: 104251

Ion Ratio Lower Upper

41 100

69 70.9 57.1 85.7

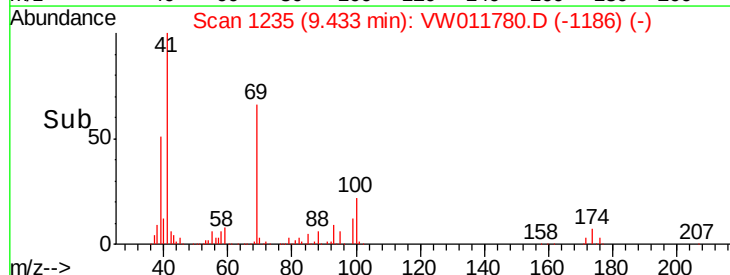
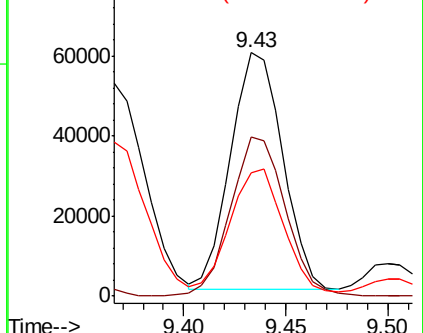
39 56.8 45.4 68.2

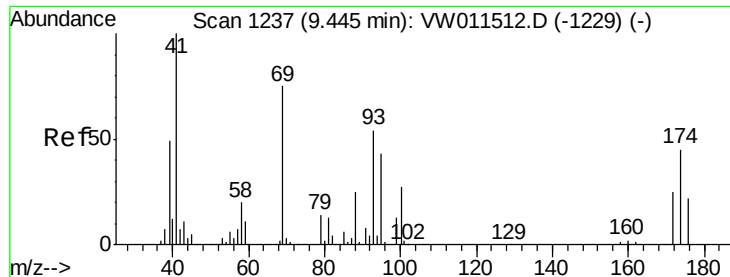


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

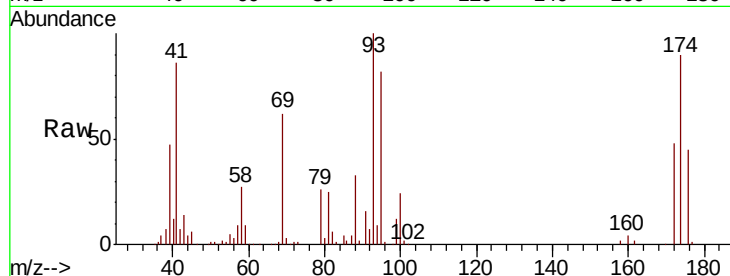




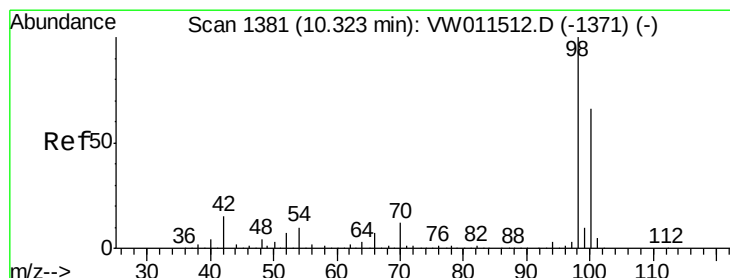
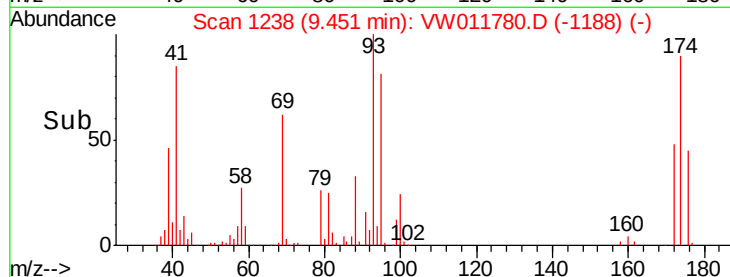
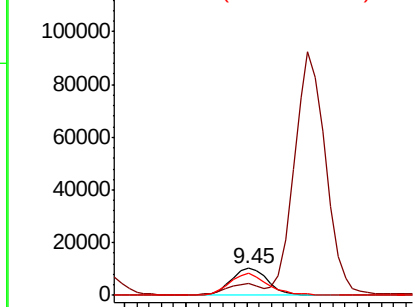
#49
1,4-Dioxane
Concen: 1242.357 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21455
Ion Ratio Lower Upper
88 100
43 38.2 34.0 51.0
58 86.0 69.7 104.5

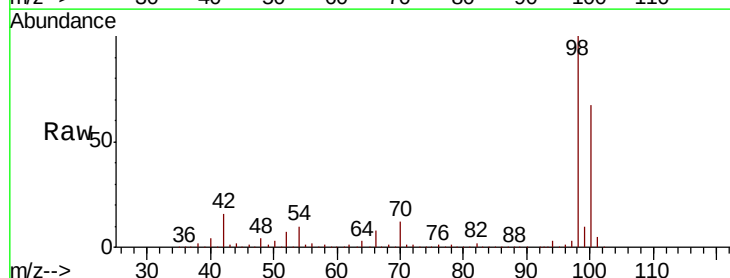


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

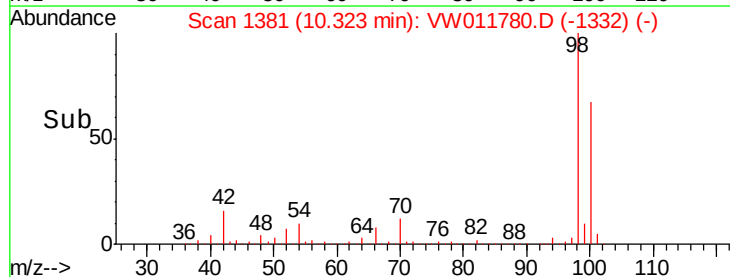
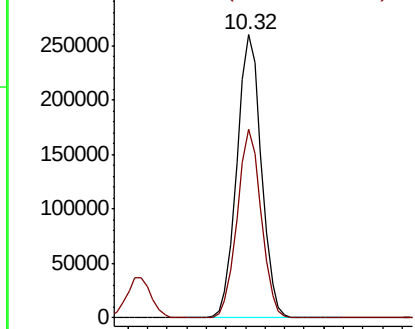


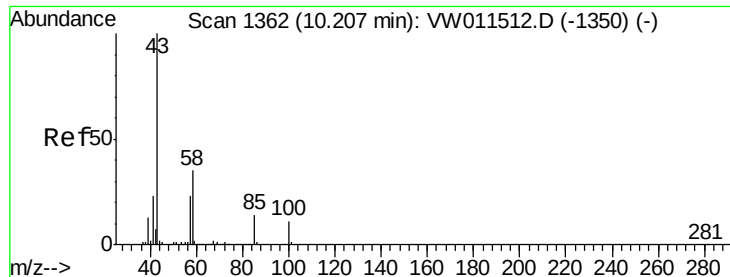
#50
Toluene-d8
Concen: 58.499 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 98 Resp: 450568
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



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

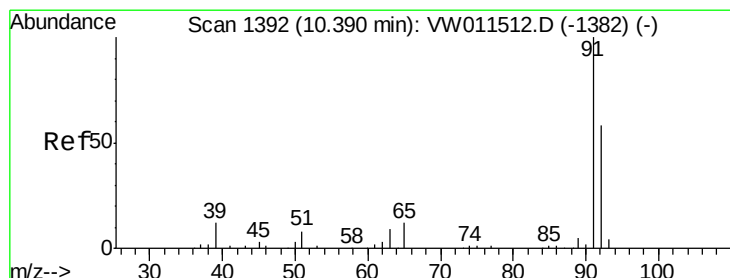
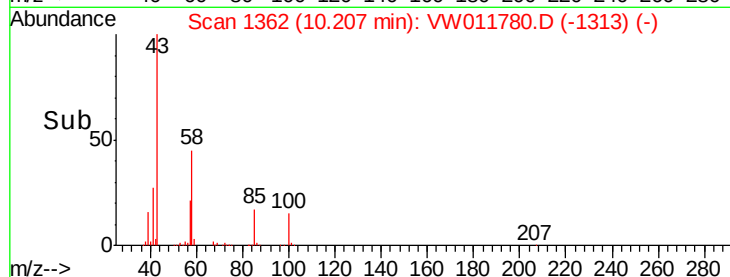
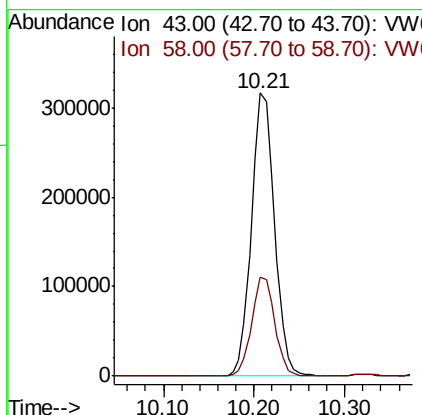
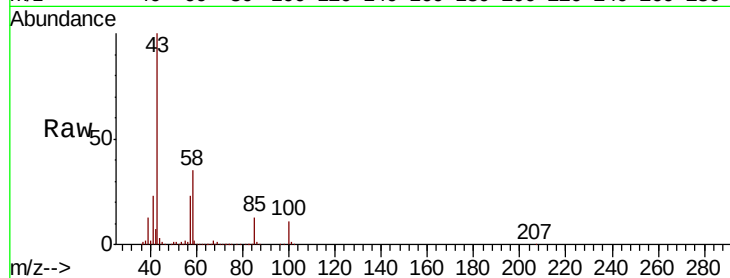




#51
 4-Methyl-2-Pentanone
 Concen: 290.715 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

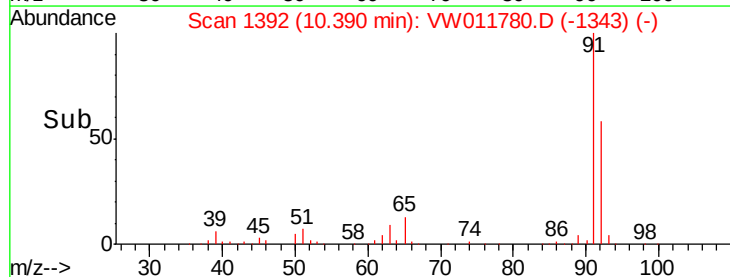
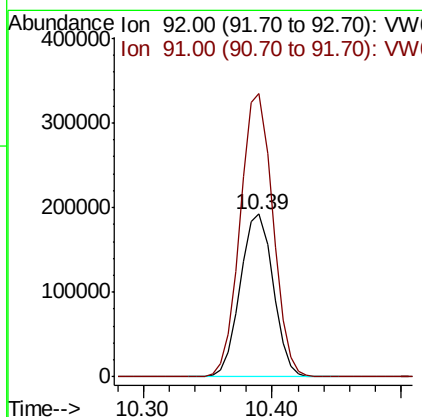
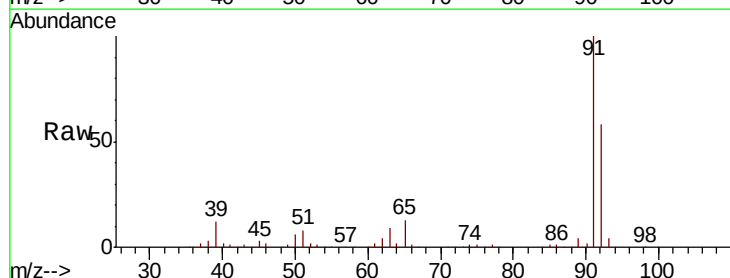
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

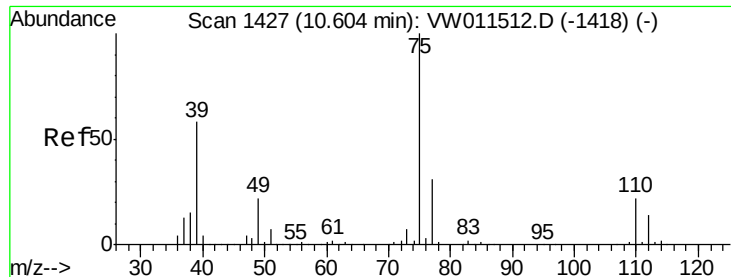
Tgt Ion: 43 Resp: 557860
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 57.786 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 92 Resp: 340817
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.7 205.1

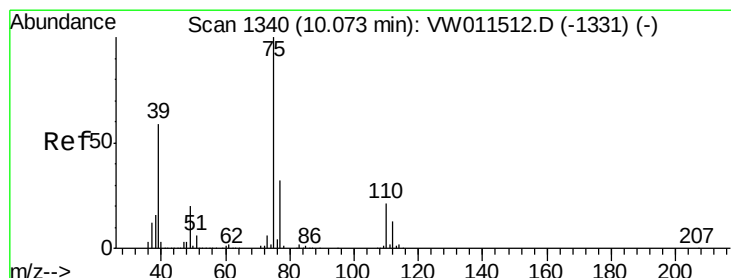
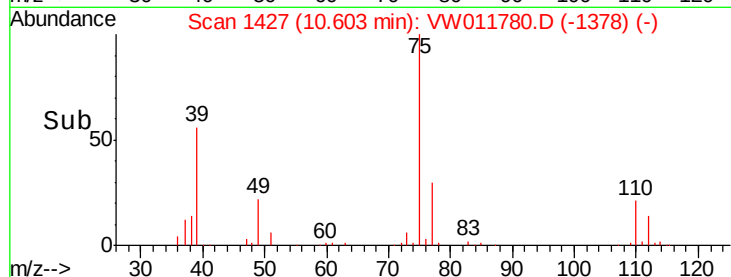
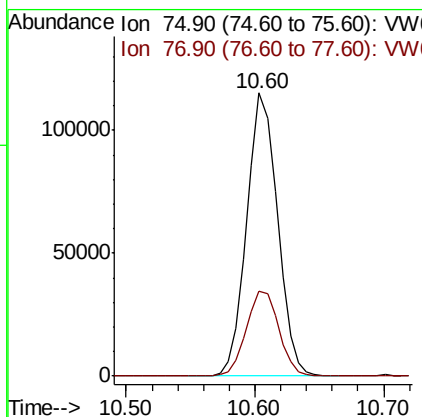
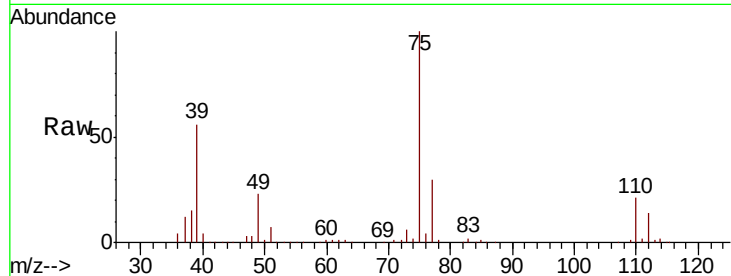




#53
t-1,3-Dichloropropene
Concen: 58.232 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

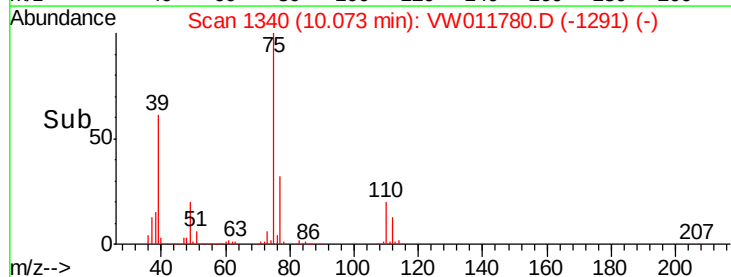
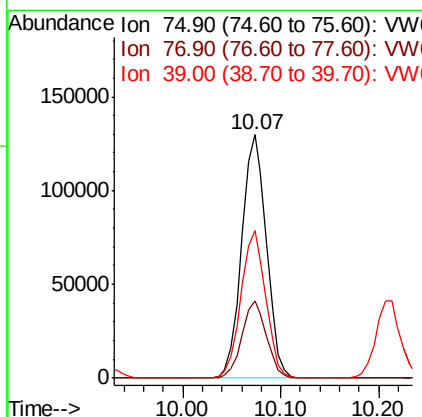
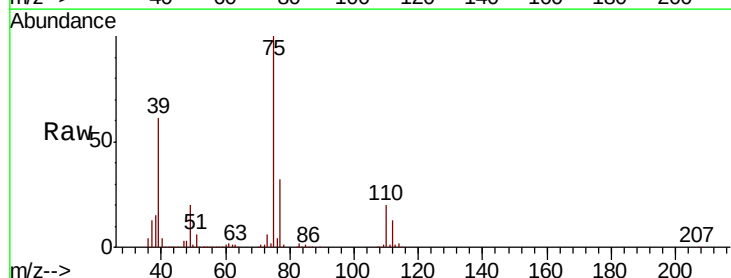
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

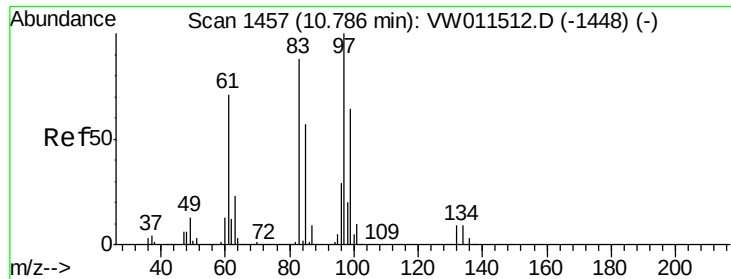
Tgt Ion: 75 Resp: 190312
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 58.491 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 75 Resp: 227290
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 60.7 47.0 70.4

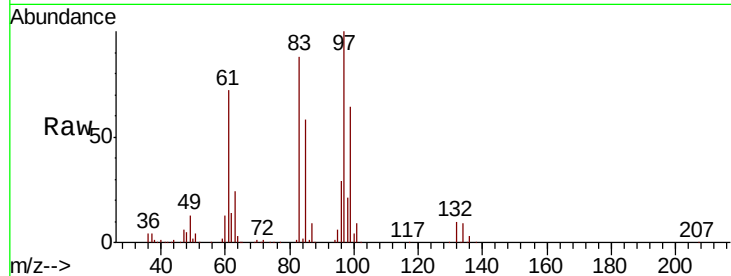




#55
 1,1,2-Trichloroethane
 Concen: 57.559 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	97405
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	57.7	45.8	68.6
99	64.2	51.0	76.4



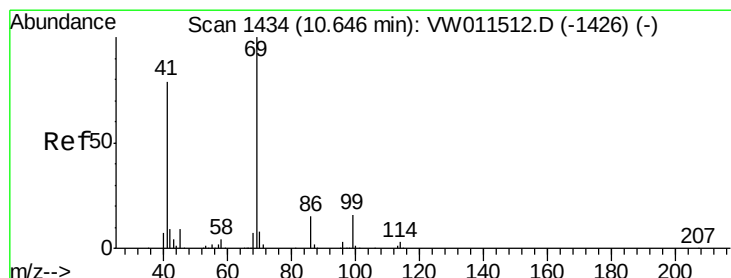
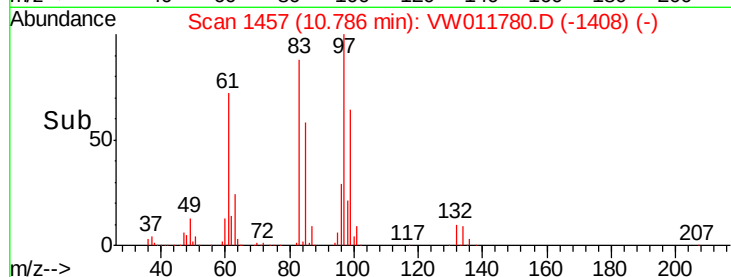
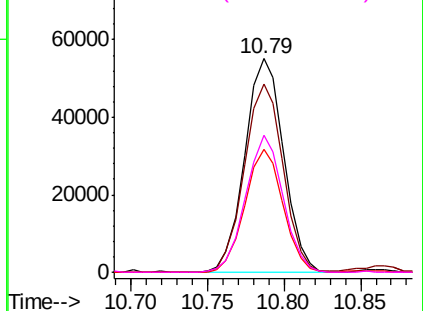
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

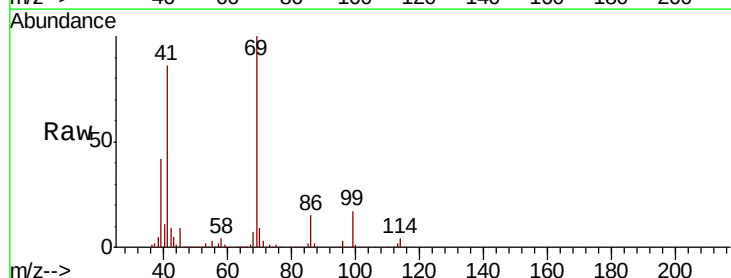
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 59.120 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion:	69	Resp:	146401
Ion	Ratio	Lower	Upper
69	100		
41	85.3	66.6	99.8
39	39.2	30.3	45.5

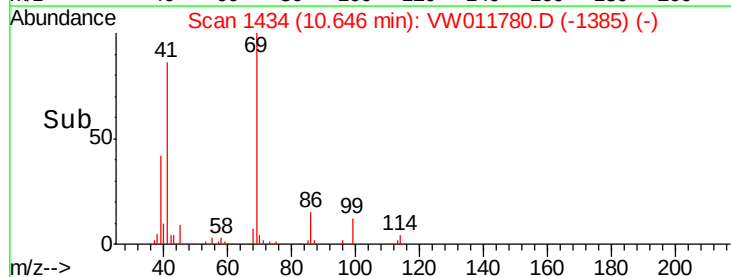
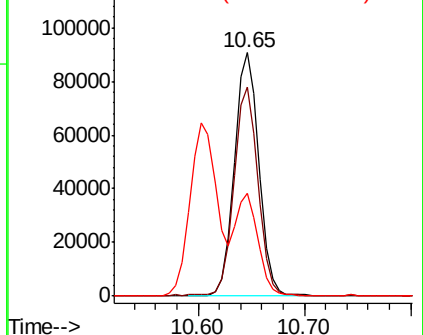


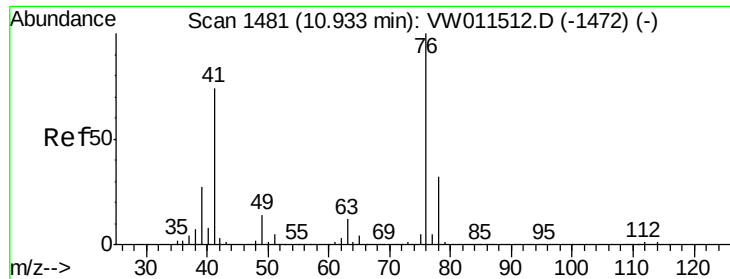
Abundance

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

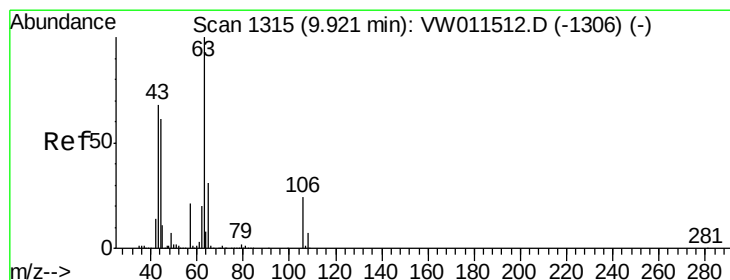
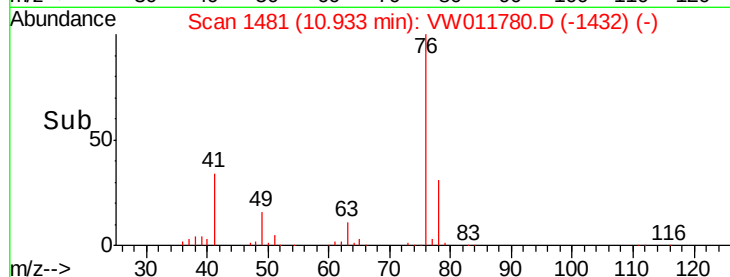
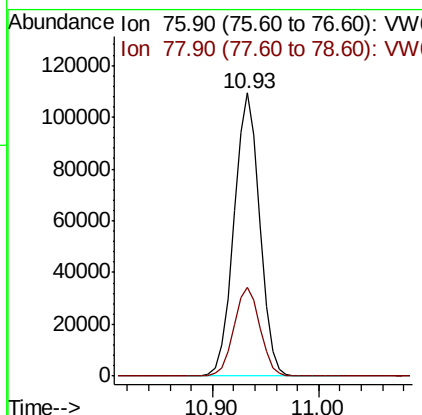
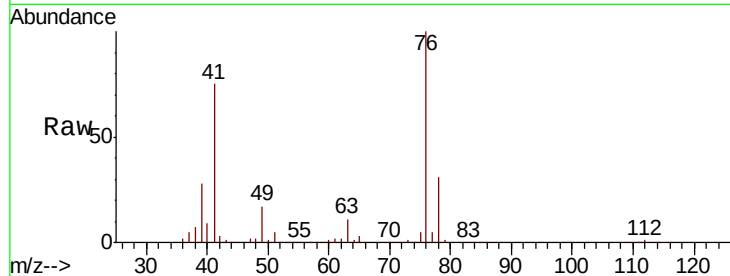




#57
 1,3-Dichloropropane
 Concen: 57.666 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

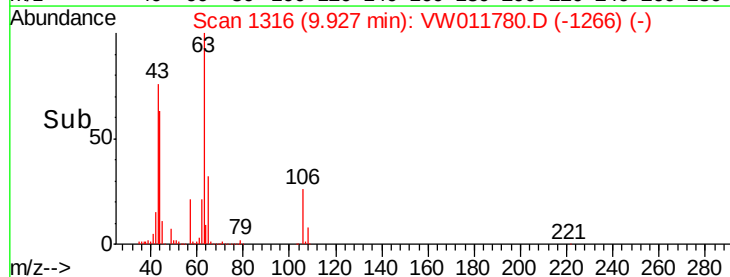
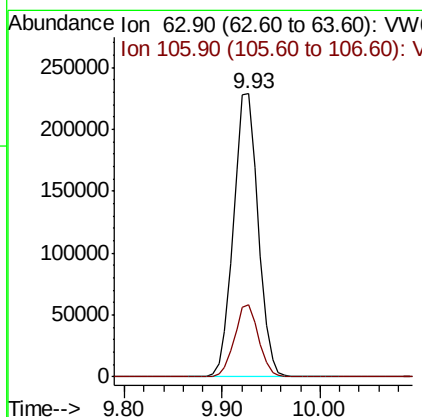
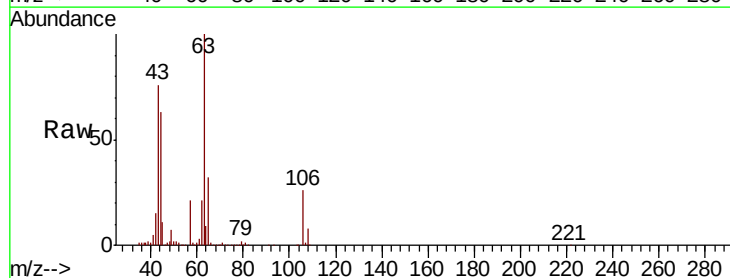
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

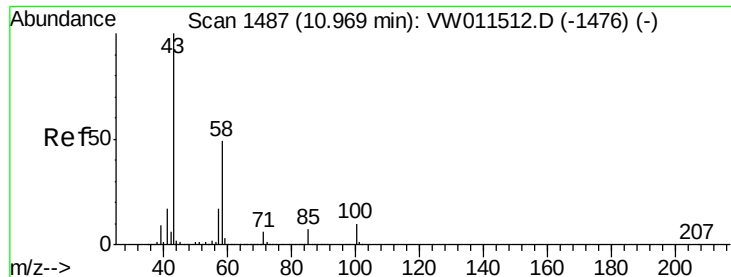
Tgt Ion: 76 Resp: 184623
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 355.790 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 63 Resp: 400033
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5

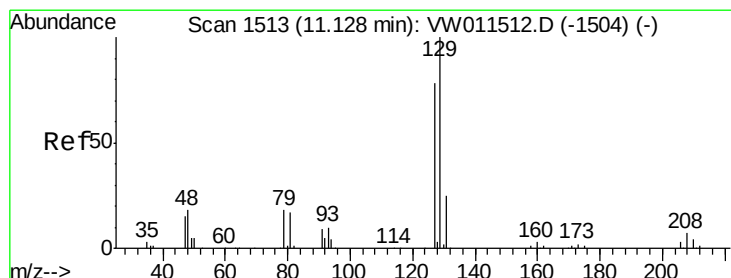
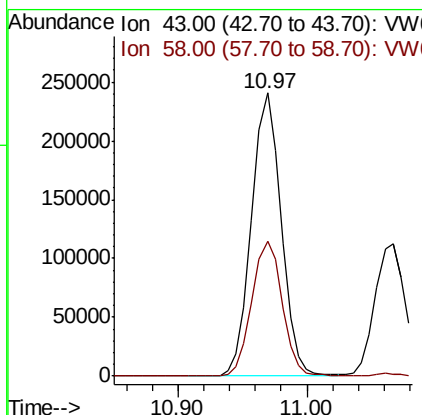
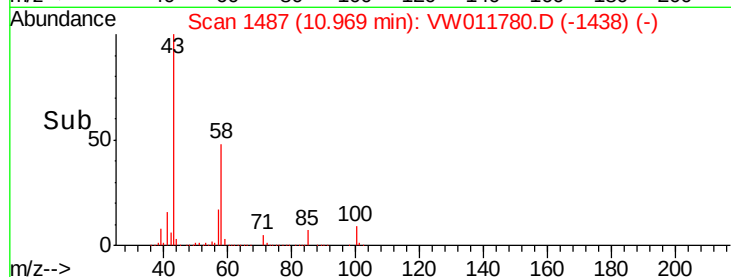
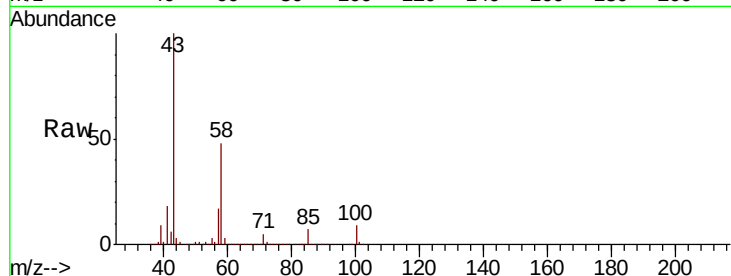




#59
2-Hexanone
Concen: 282.387 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

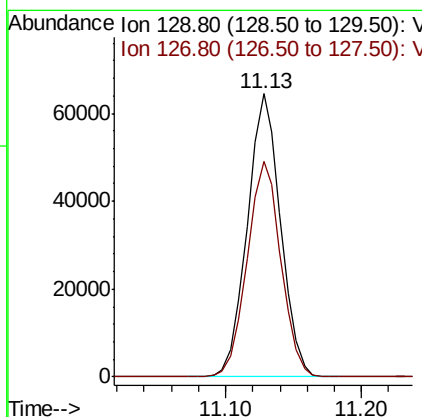
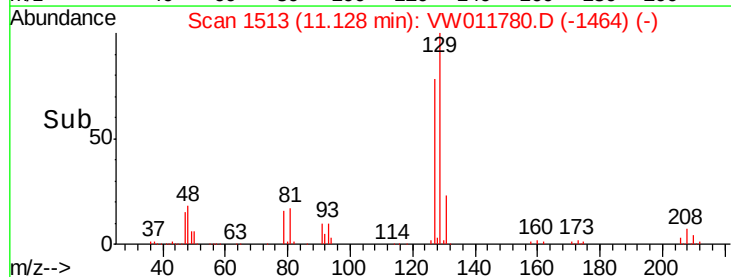
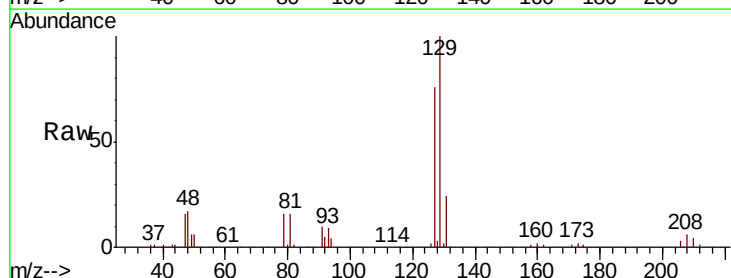
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

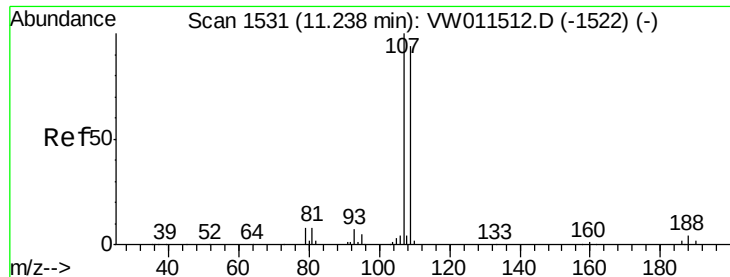
Tgt Ion: 43 Resp: 382602
Ion Ratio Lower Upper
43 100
58 48.9 24.3 72.9



#60
Dibromochloromethane
Concen: 58.707 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 129 Resp: 110279
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

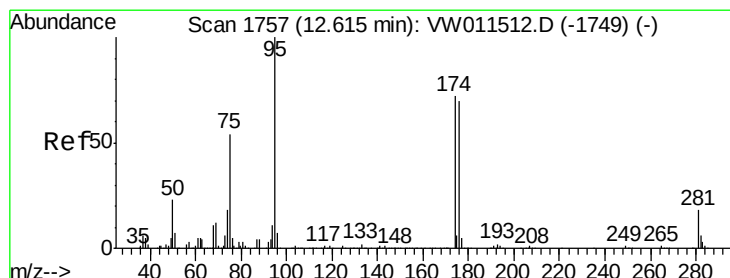
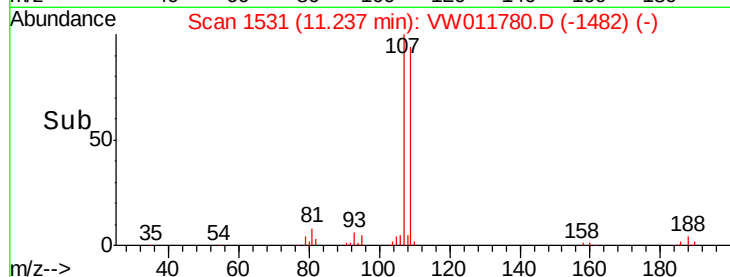
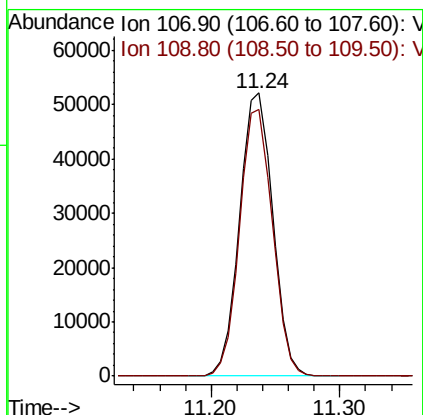
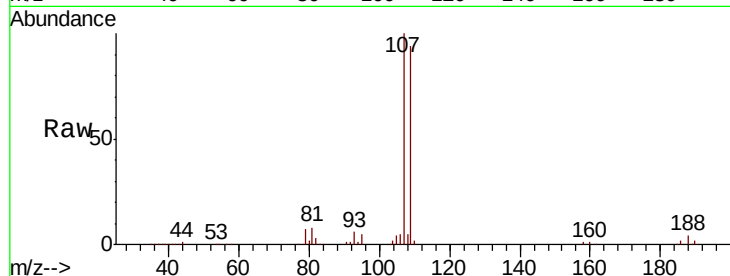




#61
 1,2-Dibromoethane
 Concen: 58.009 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

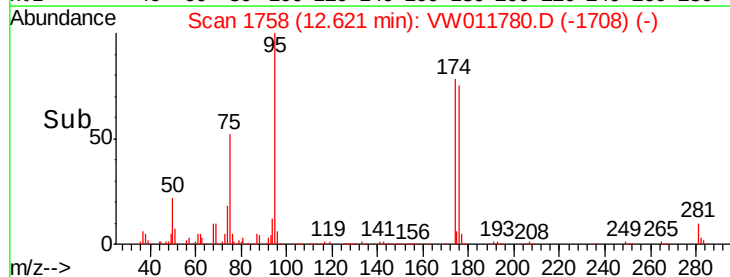
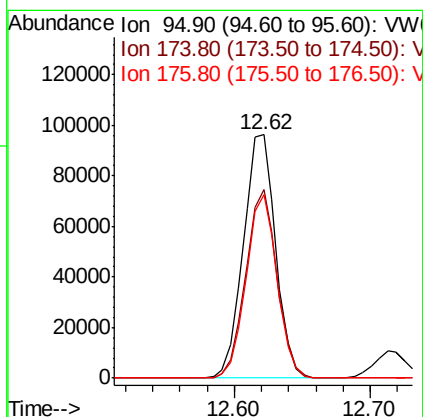
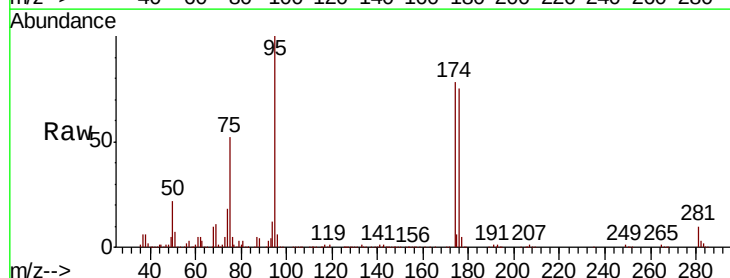
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

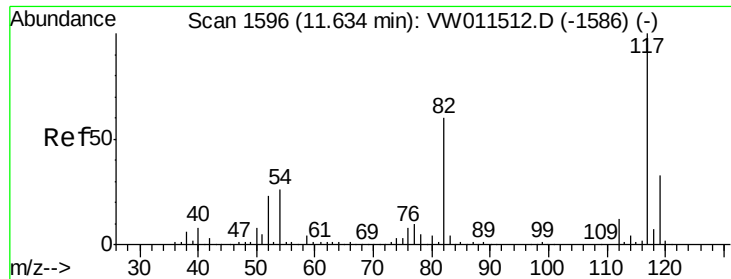
Tgt Ion: 107 Resp: 92898
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 58.032 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 95 Resp: 159355
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 150.2
 176 72.4 0.0 144.4

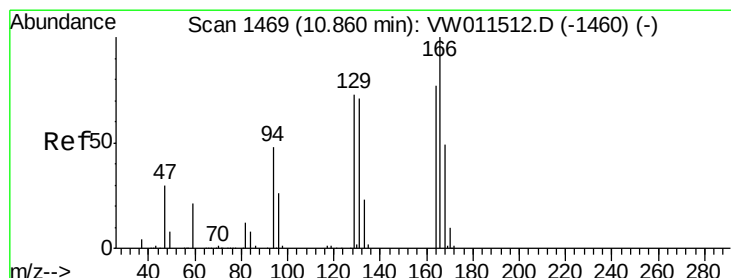
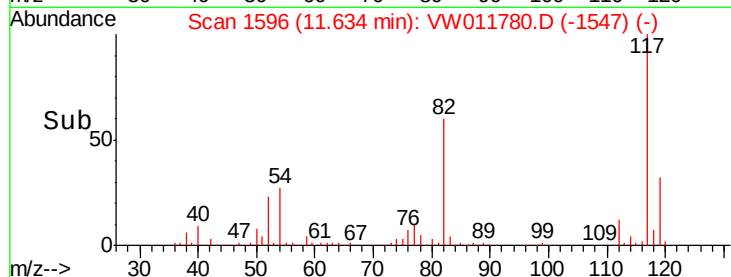
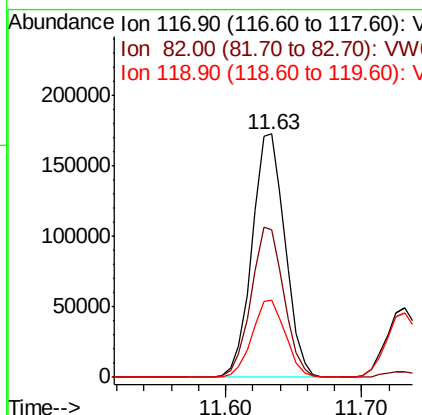
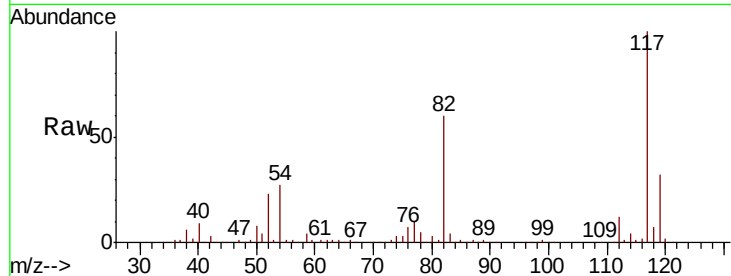




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

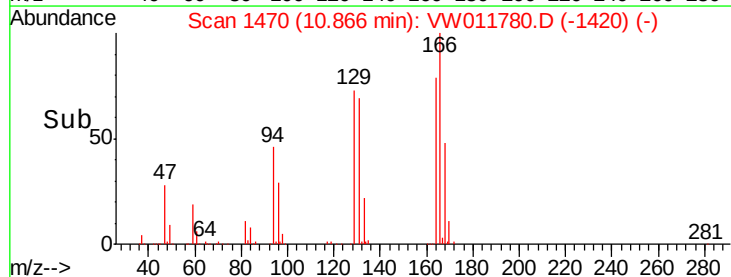
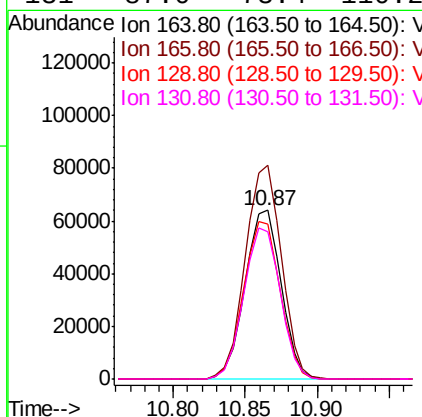
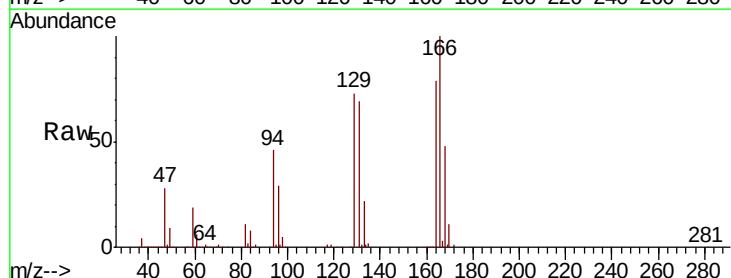
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

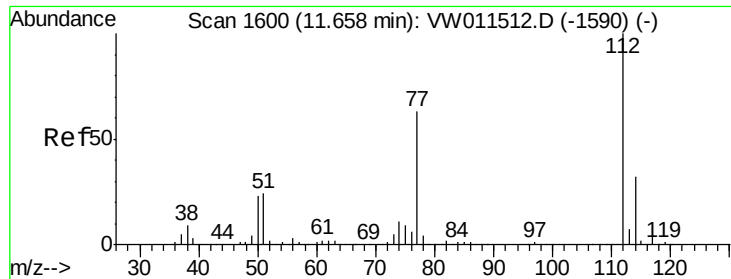
Tgt Ion:117 Resp: 294201
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 57.937 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion:164 Resp: 110983
Ion Ratio Lower Upper
164 100
166 126.6 103.5 155.3
129 92.2 75.2 112.8
131 87.0 73.4 110.2

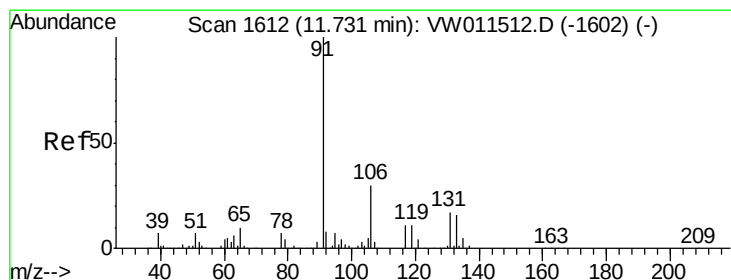
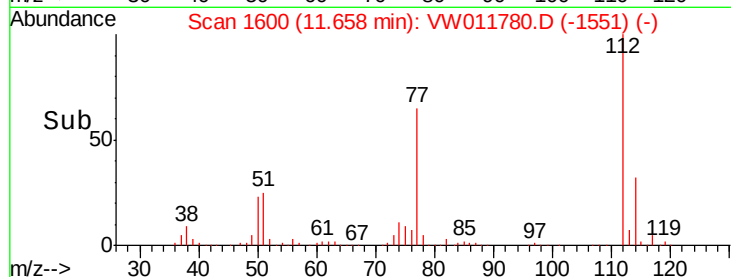
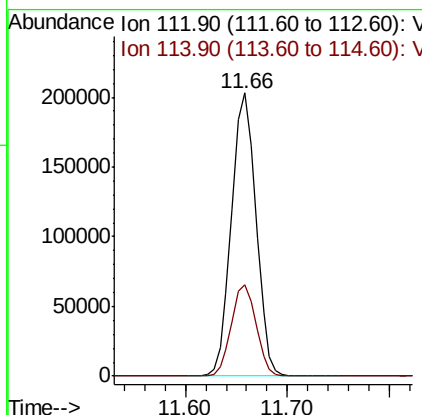
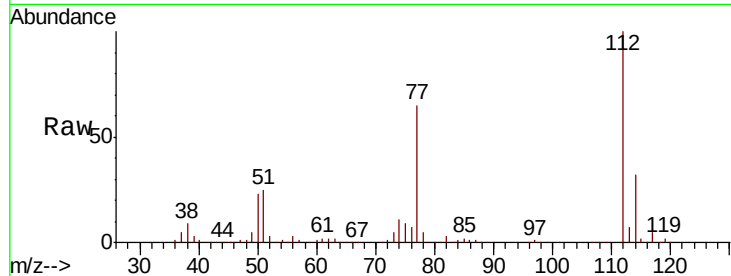




#65
Chlorobenzene
Concen: 57.092 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

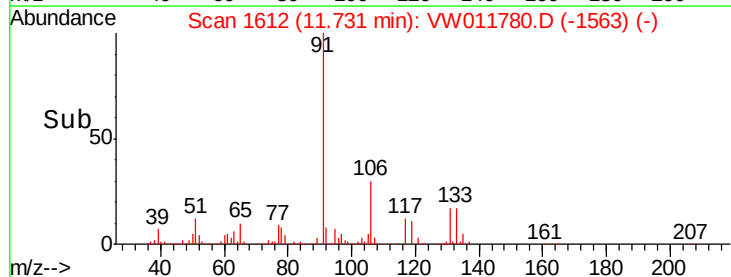
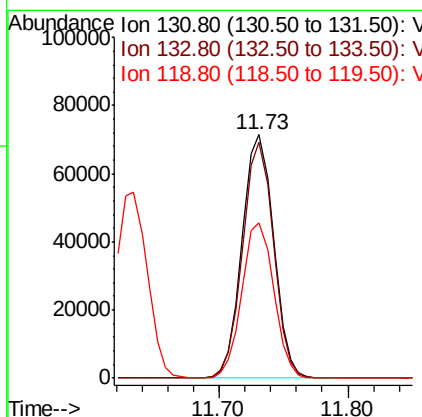
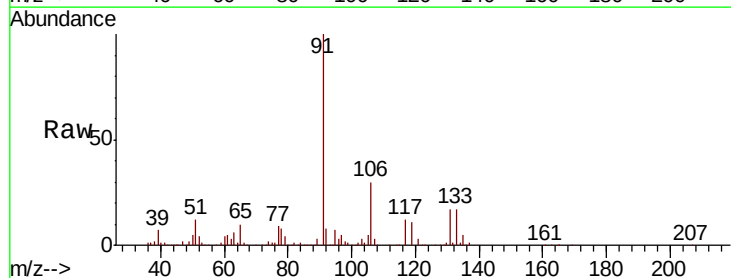
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

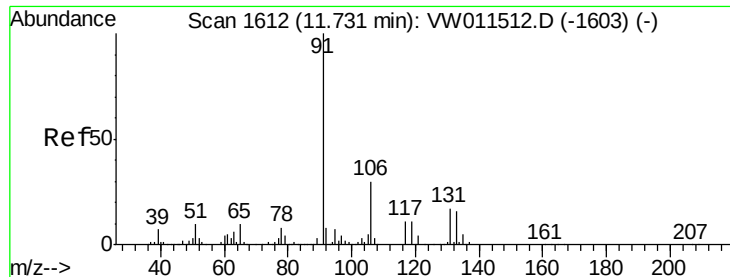
Tgt Ion:112 Resp: 337686
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 58.790 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion:131 Resp: 121124
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 64.6 32.3 96.9

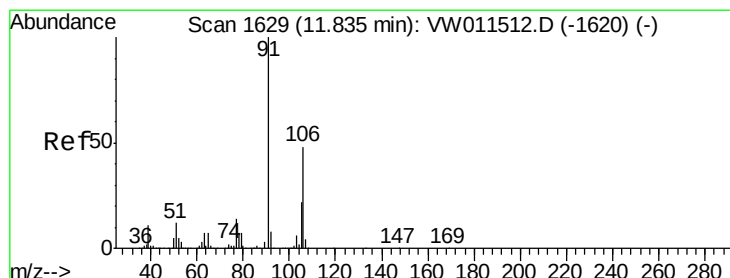
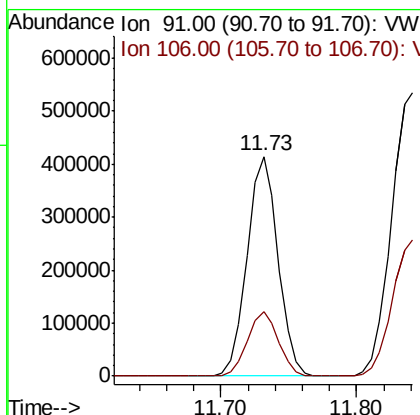
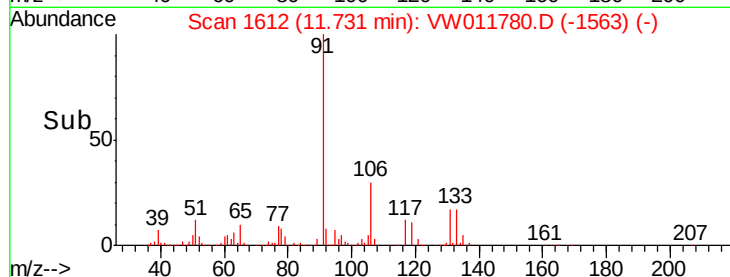
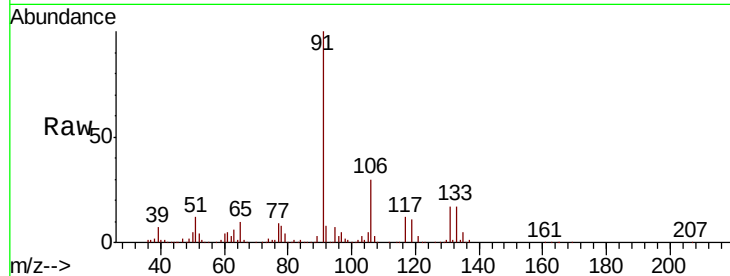




#67
Ethyl Benzene
Concen: 58.600 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

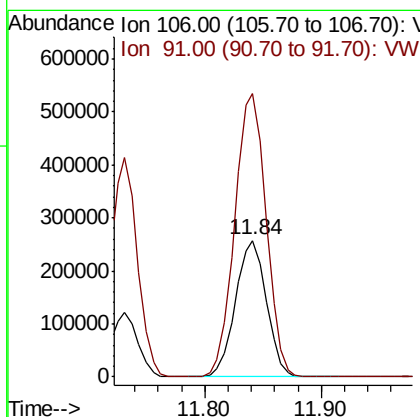
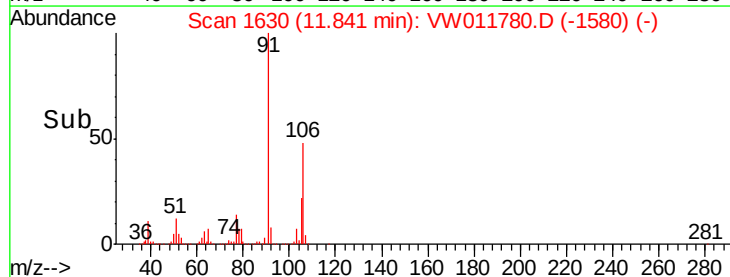
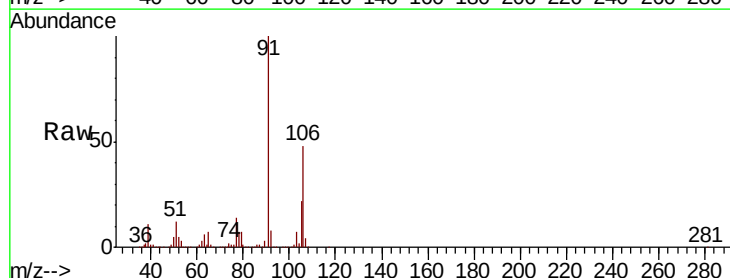
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

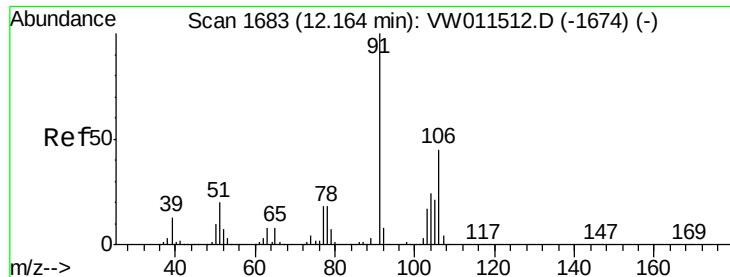
Tgt Ion: 91 Resp: 660132
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 116.167 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 106 Resp: 475909
Ion Ratio Lower Upper
106 100
91 211.4 168.2 252.2

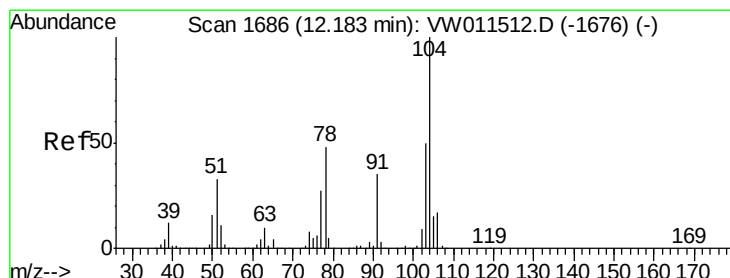
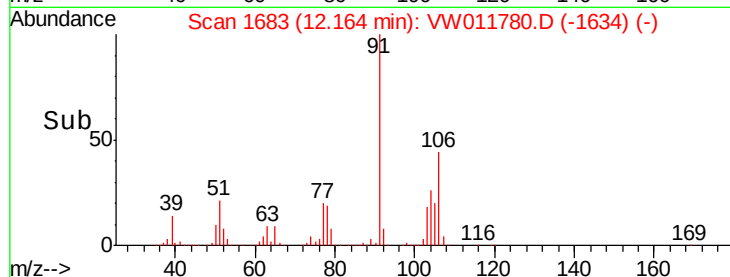
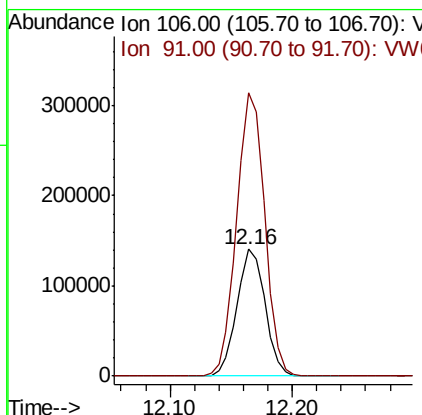
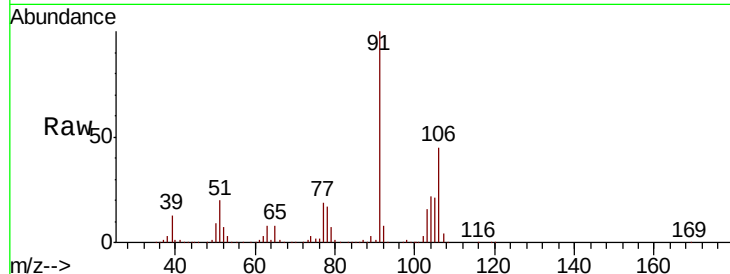




#69
o-Xylene
Concen: 58.616 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

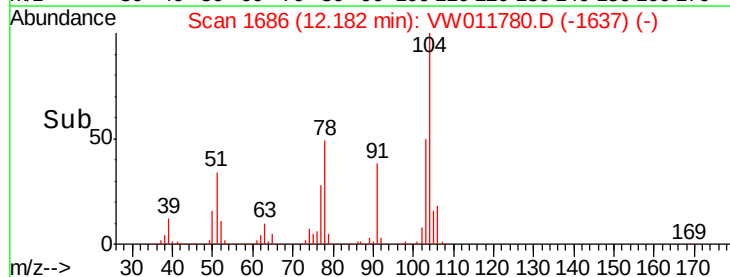
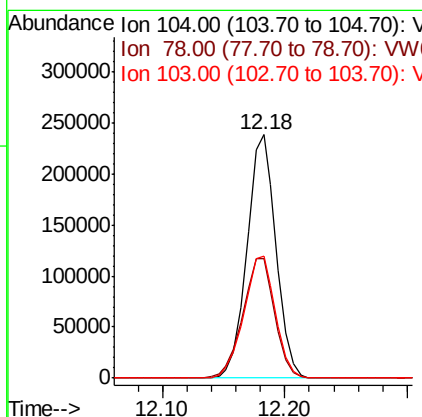
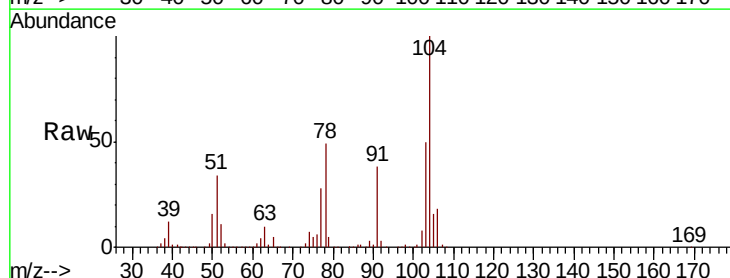
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

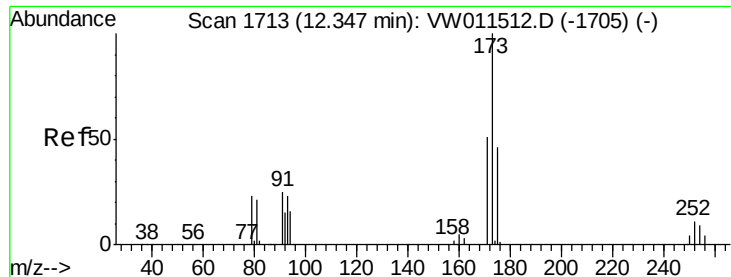
Tgt Ion:106 Resp: 223147
Ion Ratio Lower Upper
106 100
91 223.6 110.5 331.5



#70
Styrene
Concen: 59.407 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion:104 Resp: 391030
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.0
103 54.5 43.9 65.9





#71

Bromoform

Concen: 58.899 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

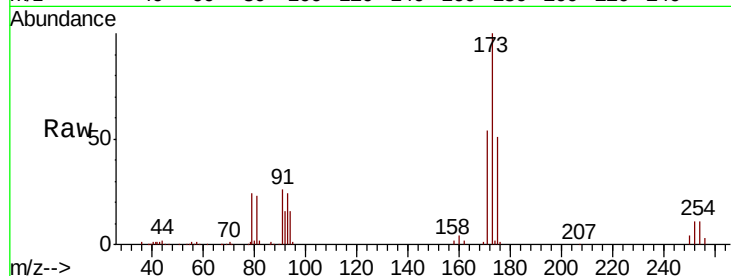
Tgt Ion:173 Resp: 61871

Ion Ratio Lower Upper

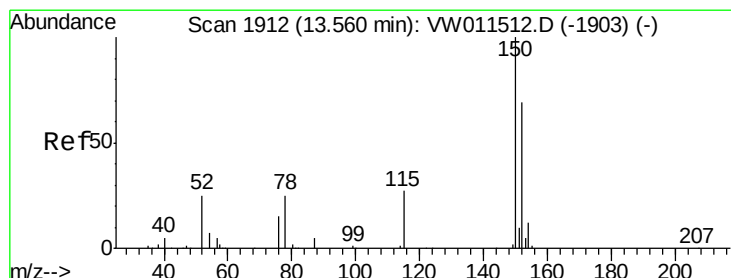
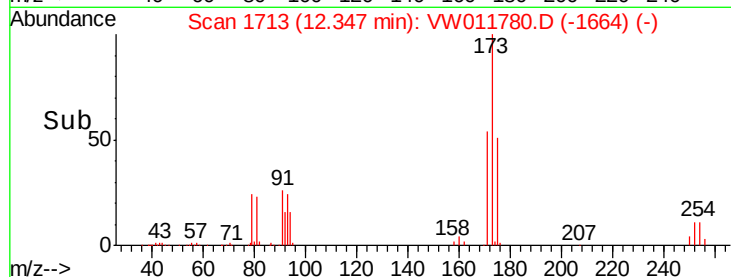
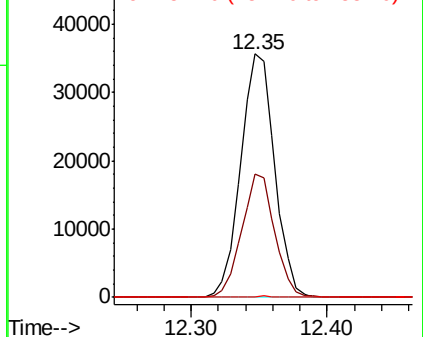
173 100

175 49.2 23.6 71.0

254 0.1 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: VW011780.D

Acq: 08 Aug 2019 20:33

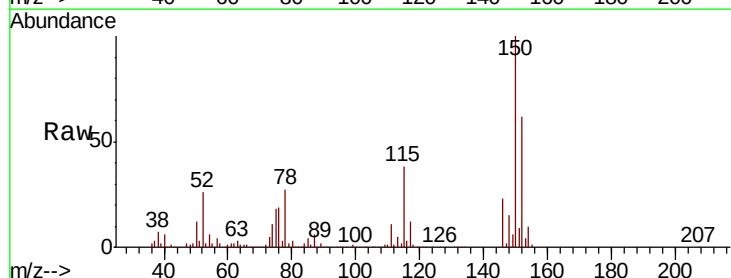
Tgt Ion:152 Resp: 139437

Ion Ratio Lower Upper

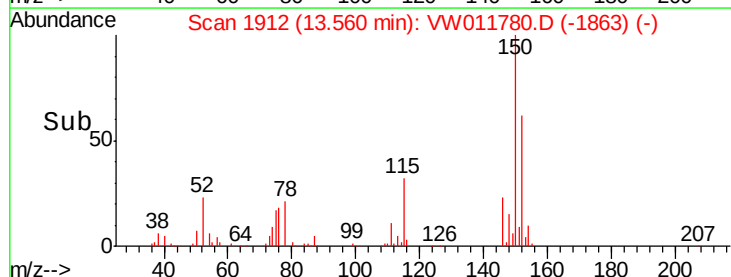
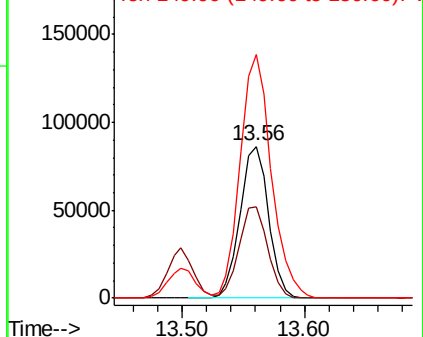
152 100

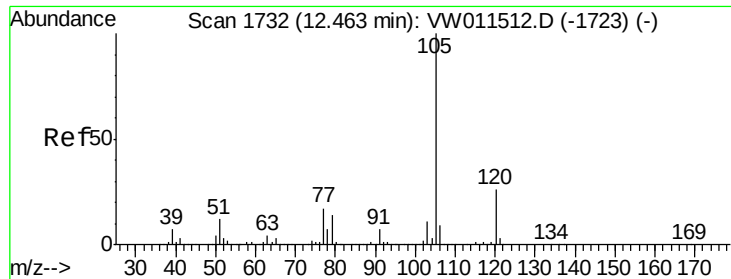
115 60.7 30.5 91.5

150 175.5 0.0 352.6



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: 59.599 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

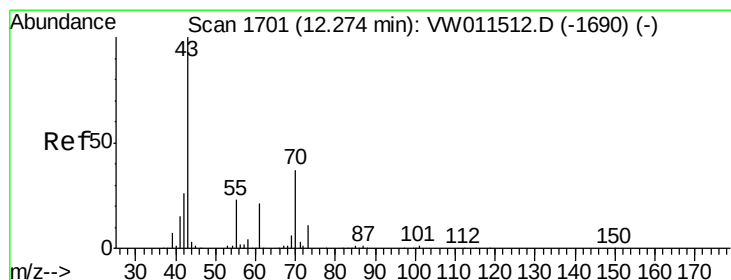
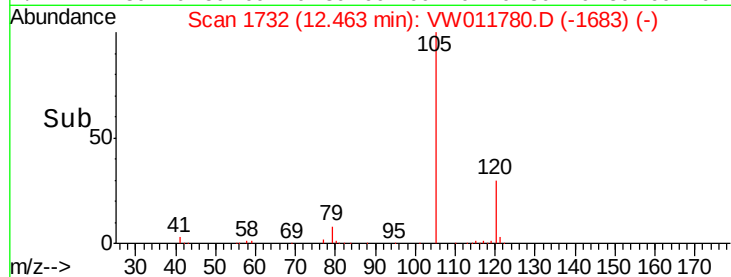
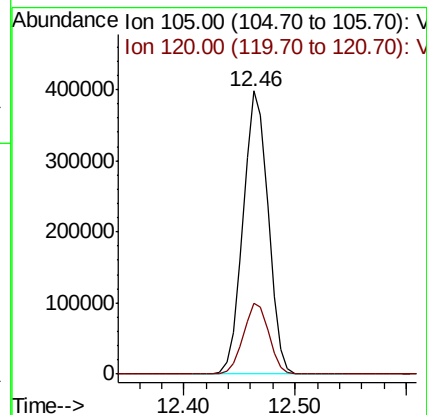
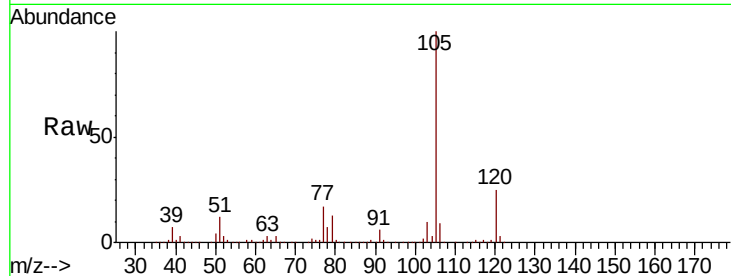
VSTDCCC050

Tgt Ion: 105 Resp: 619970

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



#74

N-ethyl acetate

Concen: 60.379 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Tgt Ion: 43 Resp: 196637

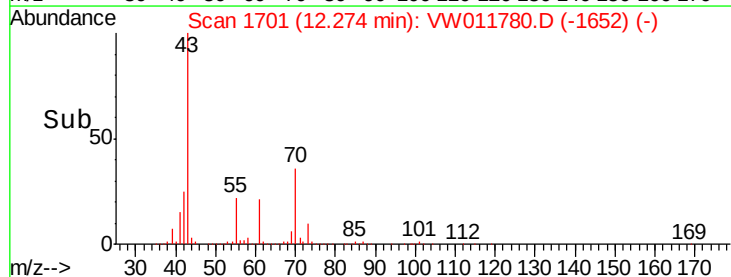
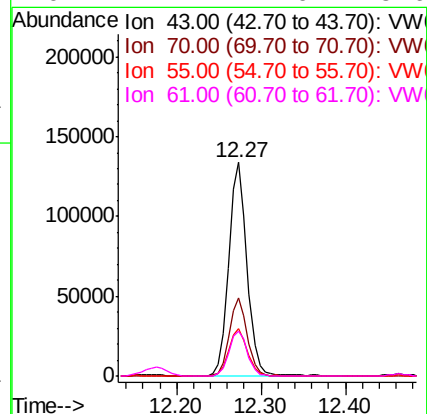
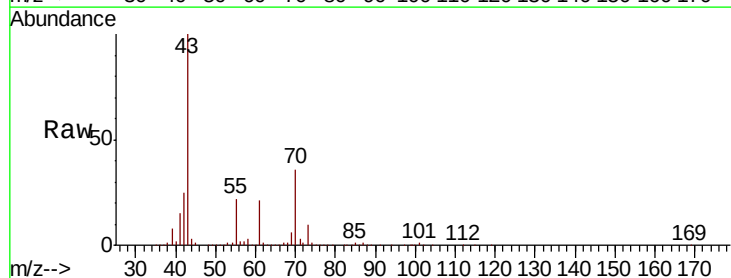
Ion Ratio Lower Upper

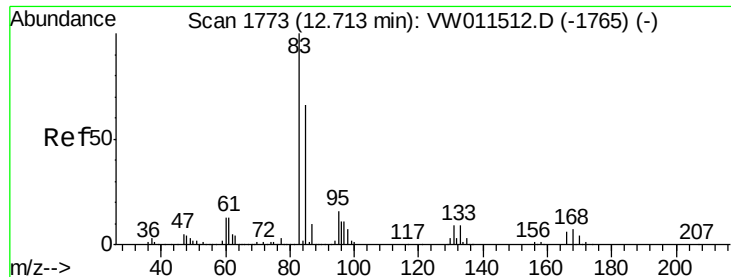
43 100

70 35.8 28.6 43.0

55 22.8 17.8 26.8

61 21.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 58.932 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

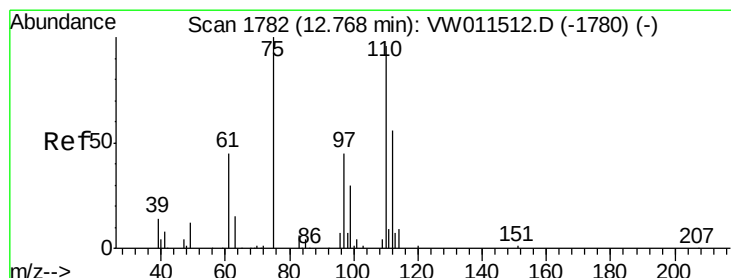
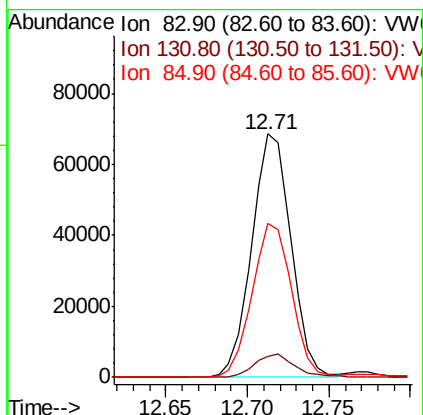
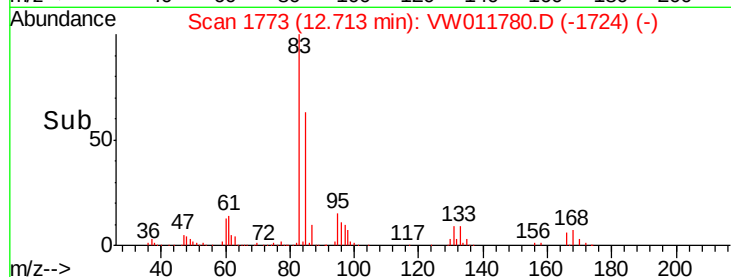
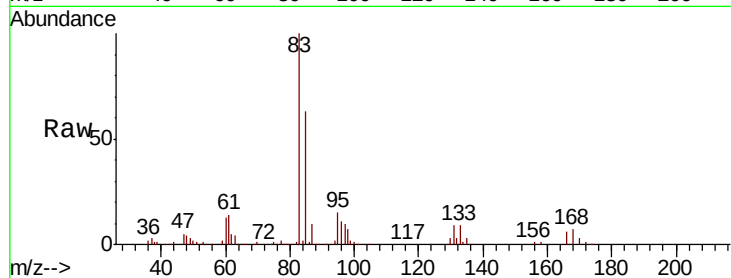
Tgt Ion: 83 Resp: 115310

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 105.217 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011780.D

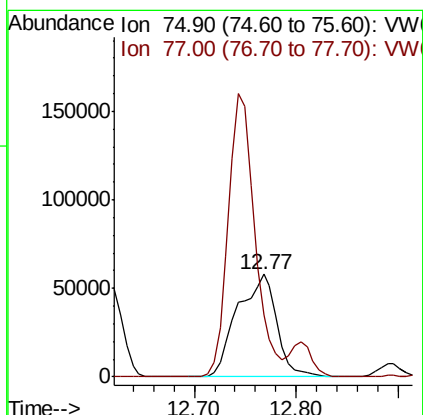
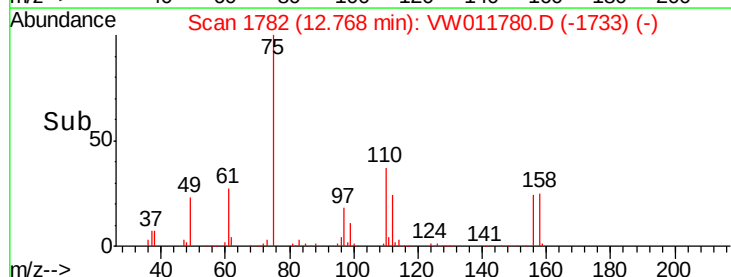
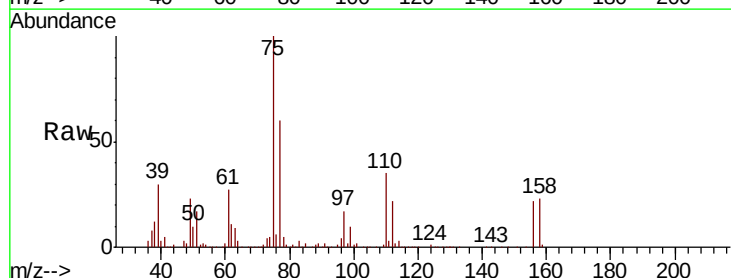
Acq: 08 Aug 2019 20:33

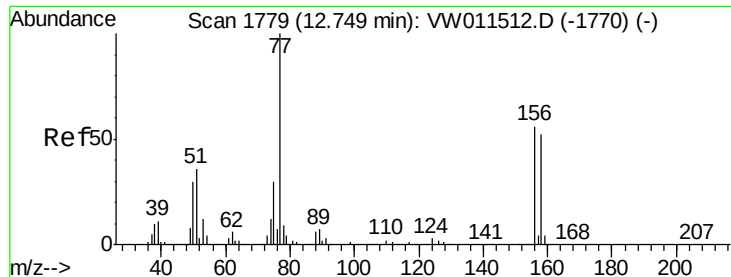
Tgt Ion: 75 Resp: 155238

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.151 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

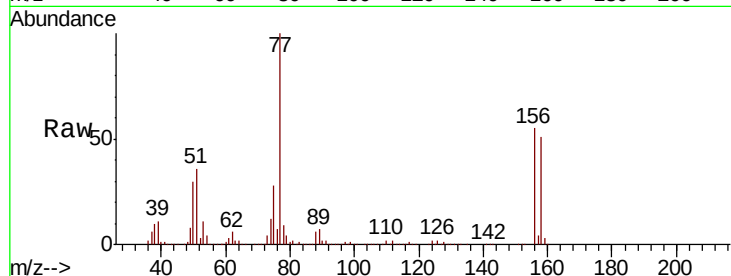
Tgt Ion:156 Resp: 136002

Ion Ratio Lower Upper

156 100

77 212.9 106.5 319.4

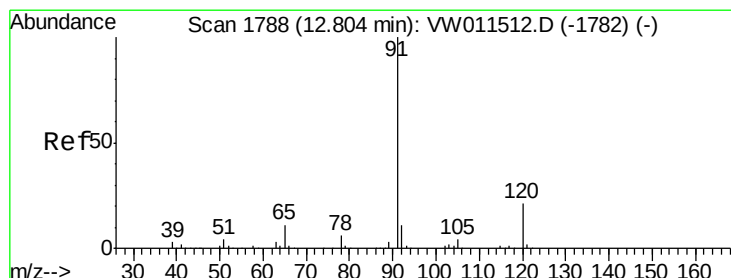
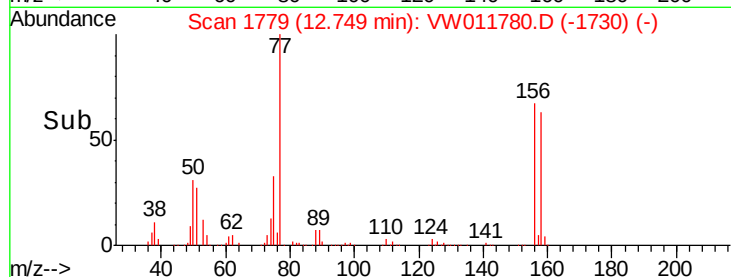
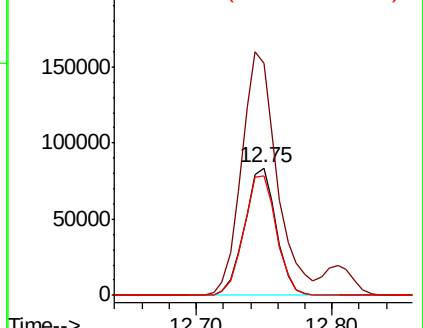
158 96.9 48.0 144.2



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: 58.729 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011780.D

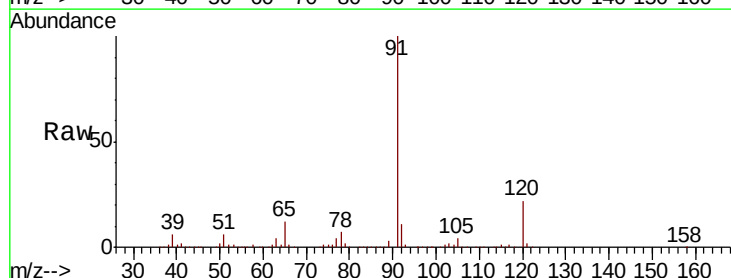
Acq: 08 Aug 2019 20:33

Tgt Ion: 91 Resp: 743491

Ion Ratio Lower Upper

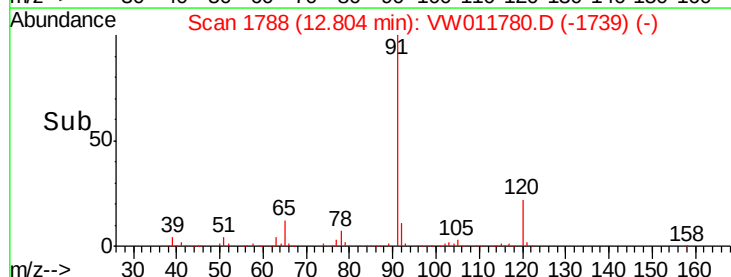
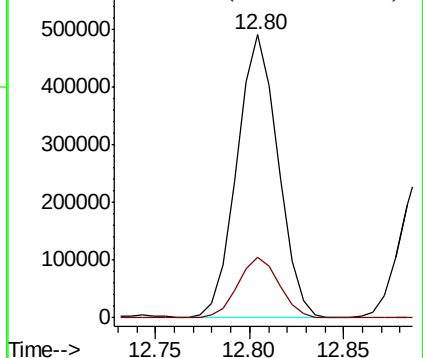
91 100

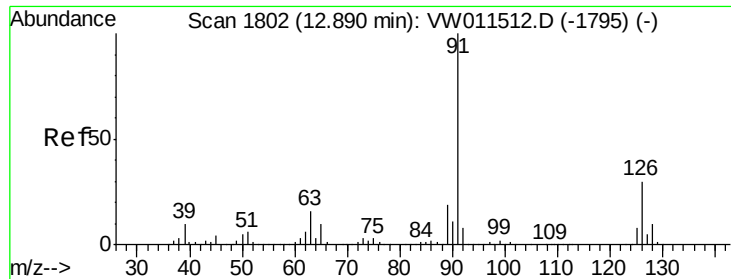
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

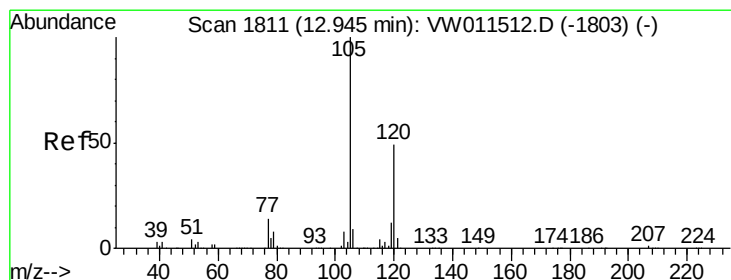
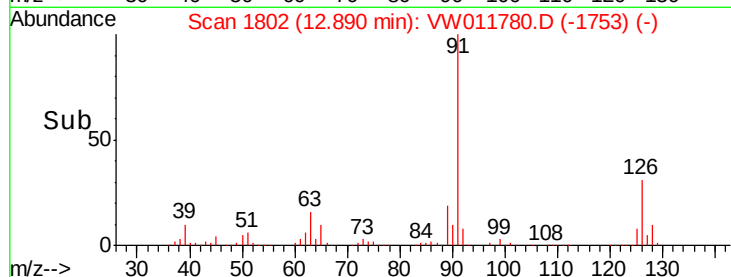
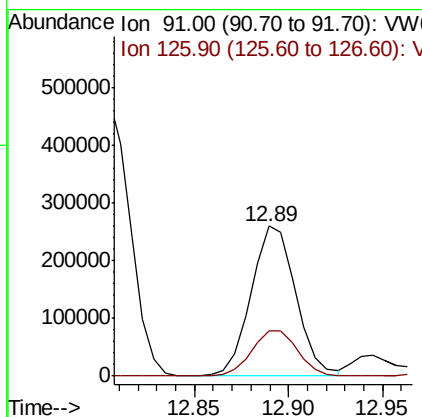
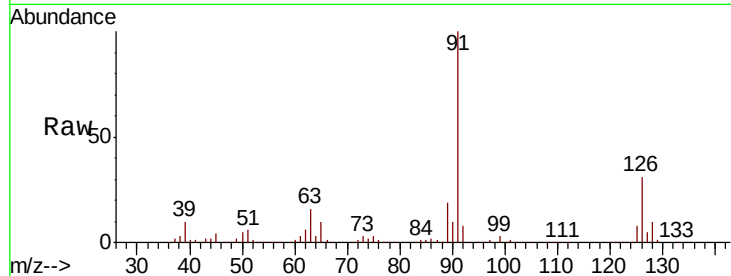




#79
 2-Chlorotoluene
 Concen: 58.673 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

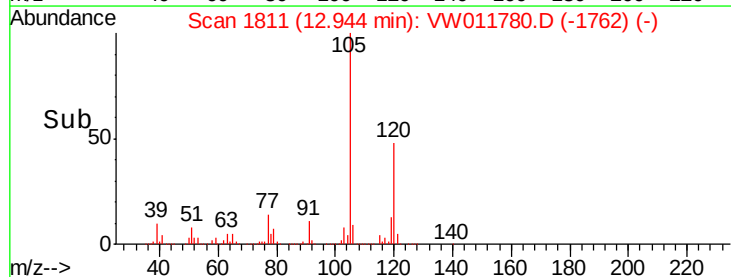
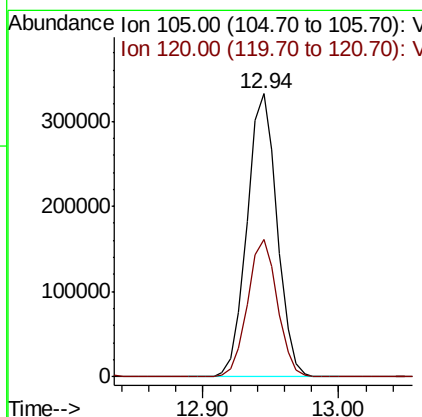
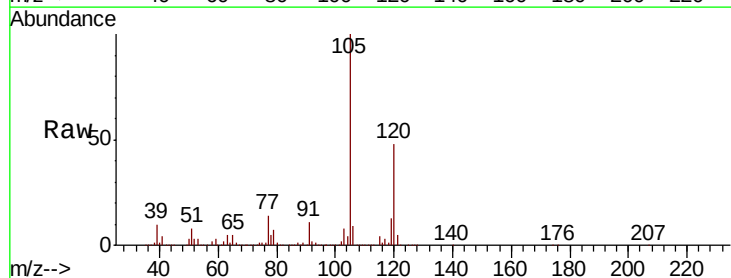
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

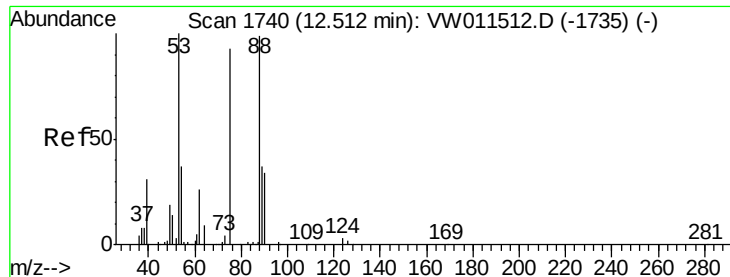
Tgt Ion: 91 Resp: 427921
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 58.853 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion: 105 Resp: 513187
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 60.172 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011780.D

Acq: 08 Aug 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

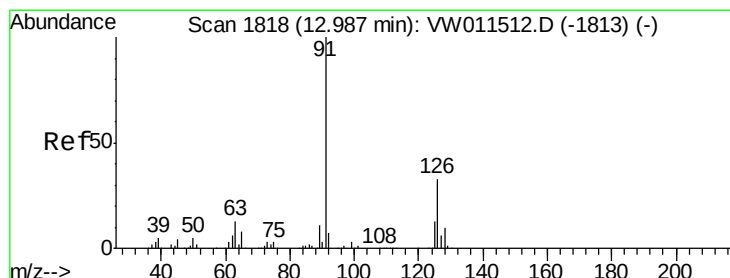
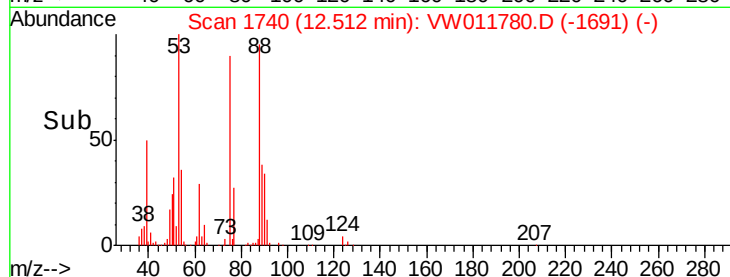
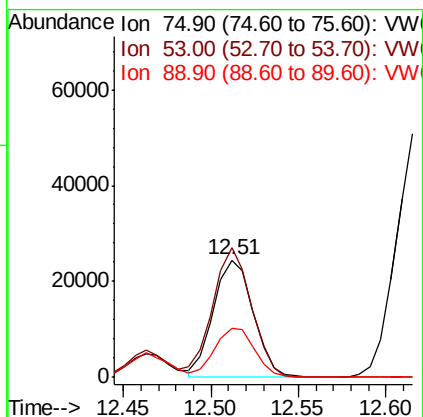
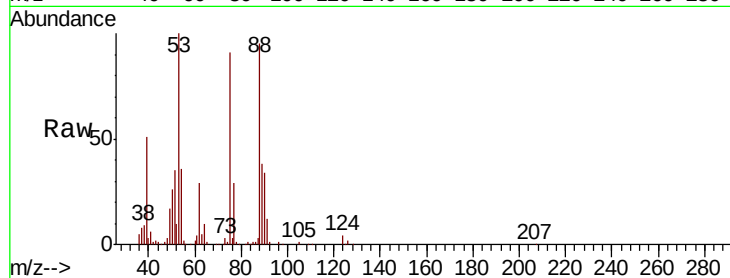
Tgt Ion: 75 Resp: 38521

Ion Ratio Lower Upper

75 100

53 109.6 88.0 132.0

89 42.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 57.703 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011780.D

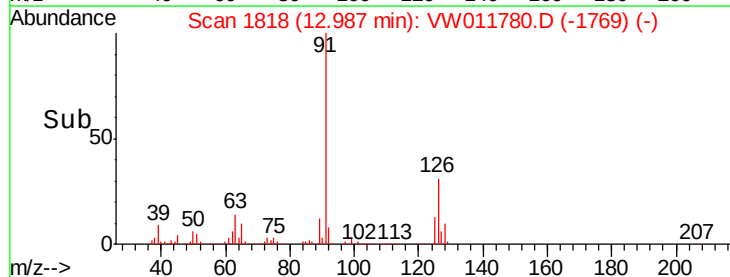
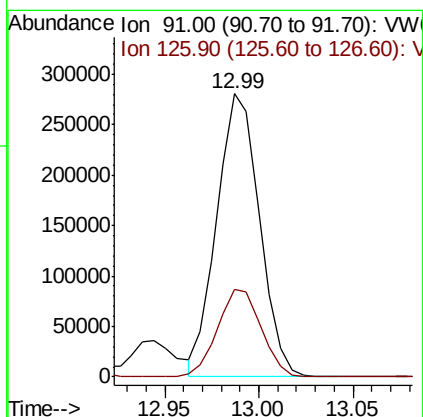
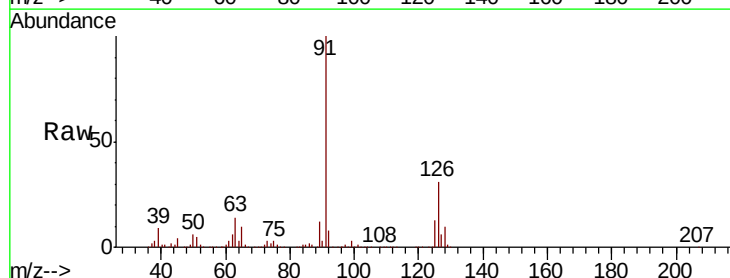
Acq: 08 Aug 2019 20:33

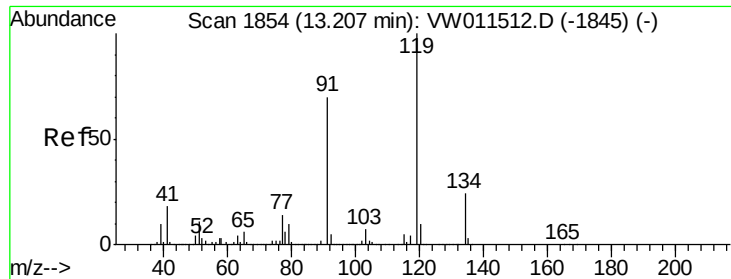
Tgt Ion: 91 Resp: 441555

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8

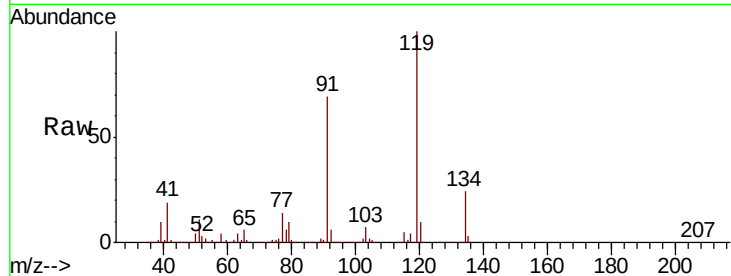




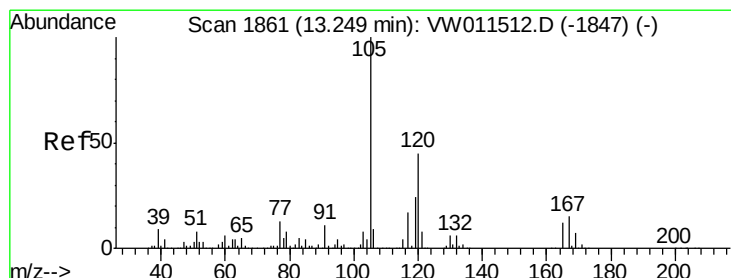
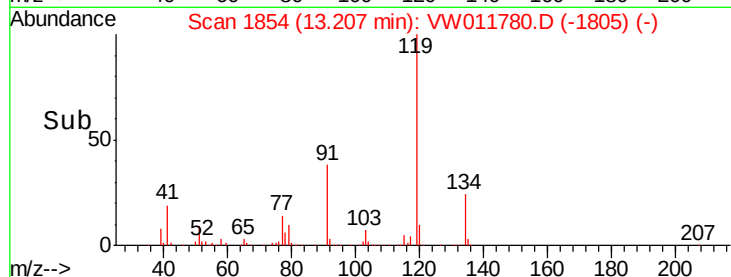
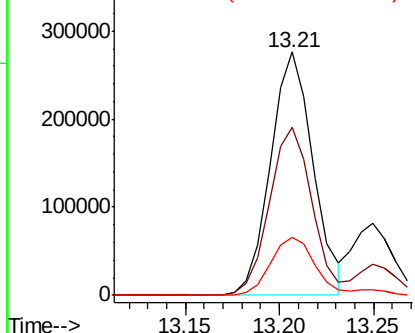
#83
 tert-Butylbenzene
 Concen: 59.455 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 433535
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.5 103.6
 134 24.6 12.4 37.4

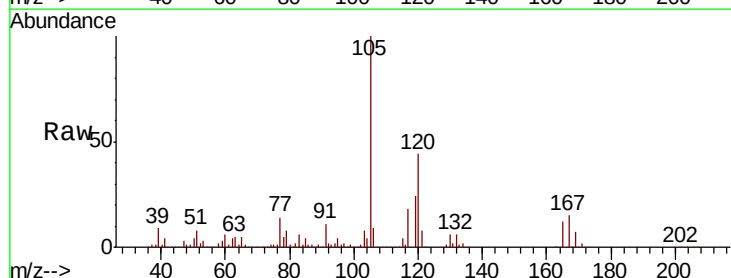


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

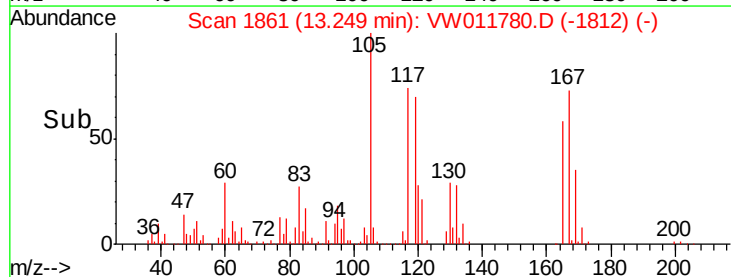
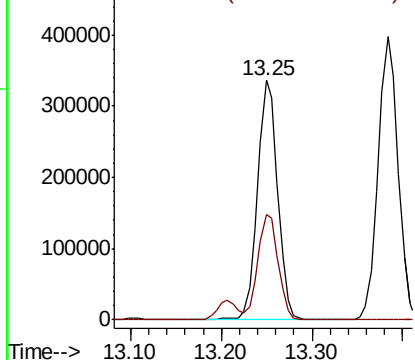


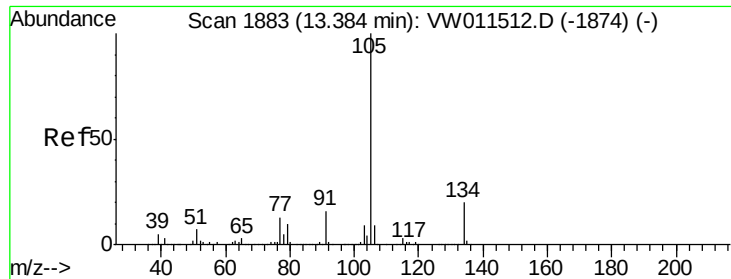
#84
 1,2,4-Trimethylbenzene
 Concen: 58.863 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion:105 Resp: 517047
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

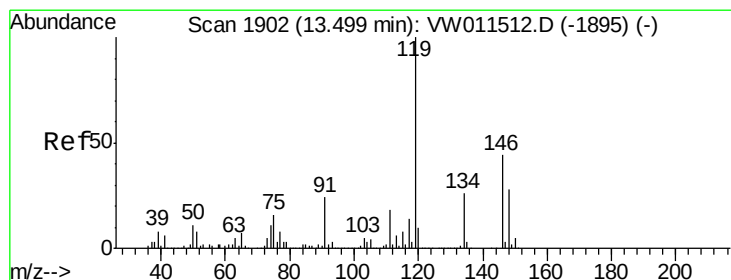
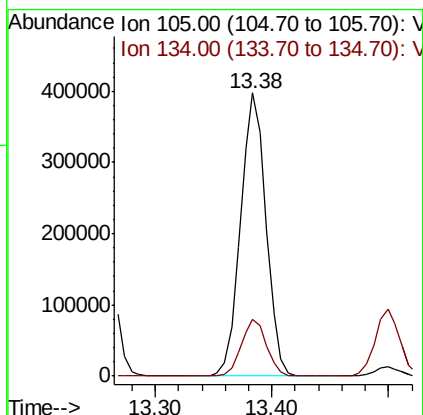
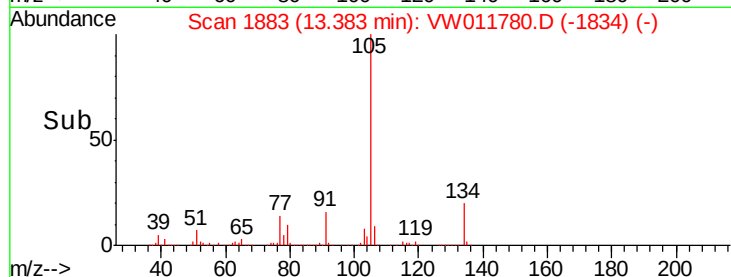
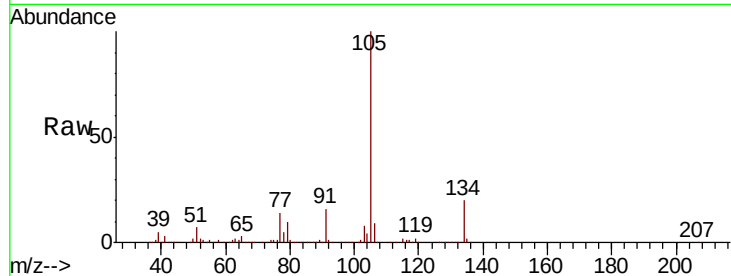




#85
 sec-Butylbenzene
 Concen: 58.170 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

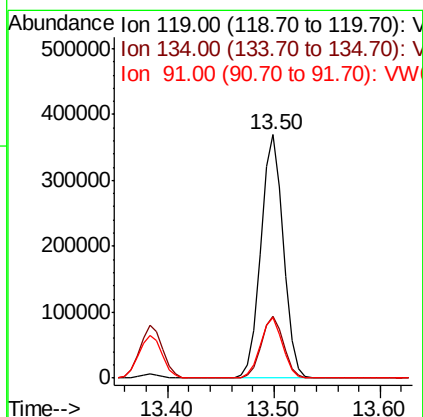
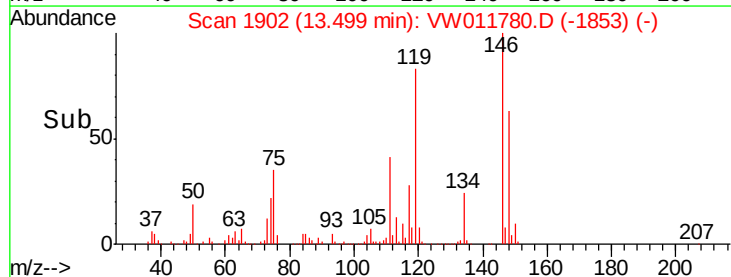
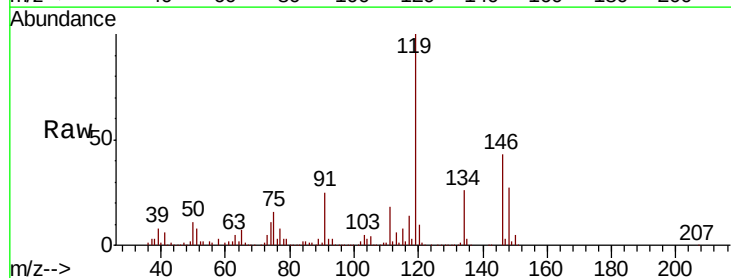
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

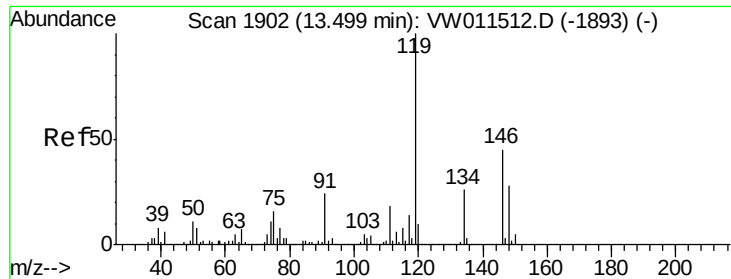
Tgt Ion:105 Resp: 605228
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 57.878 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion:119 Resp: 546383
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 24.4 12.1 36.3

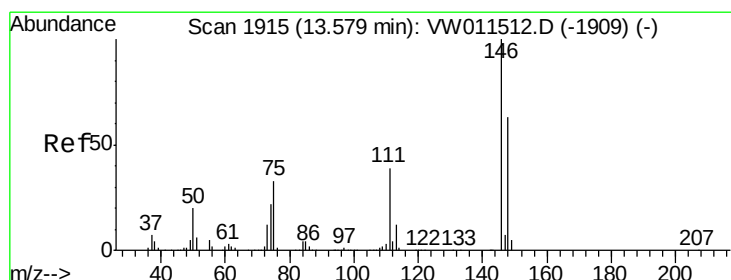
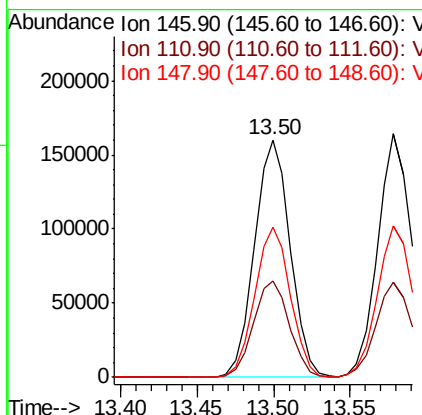
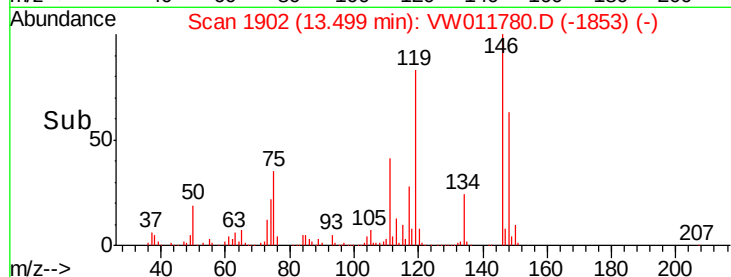
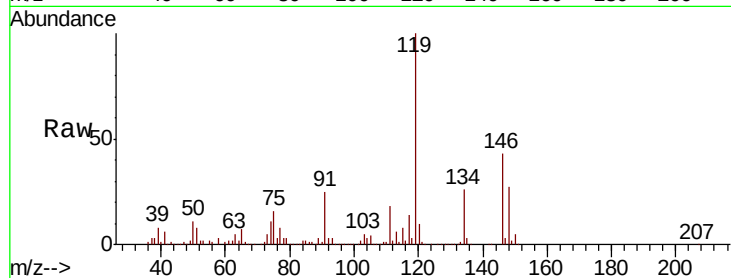




#87
 1,3-Dichlorobenzene
 Concen: 57.640 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

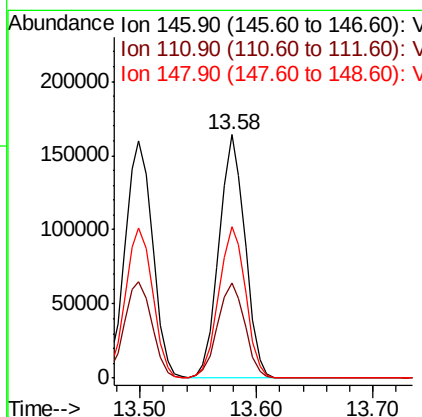
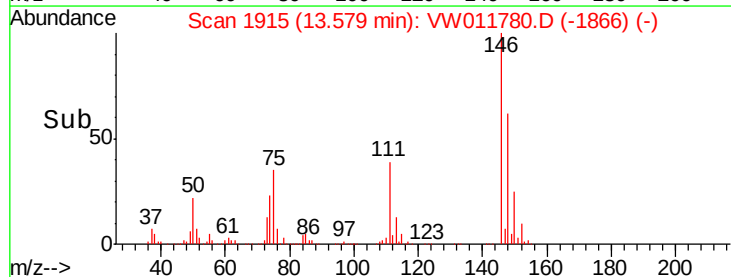
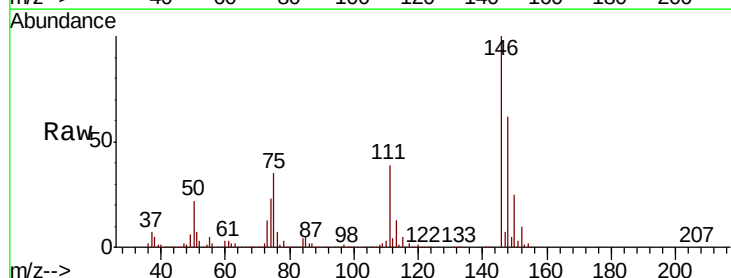
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

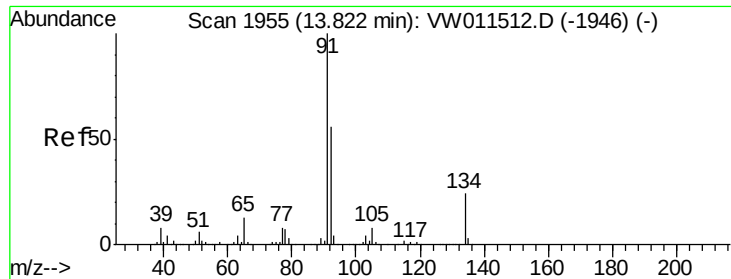
Tgt Ion:146 Resp: 259857
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.6
 148 62.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 56.476 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion:146 Resp: 253279
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.1 60.2
 148 64.1 31.9 95.9

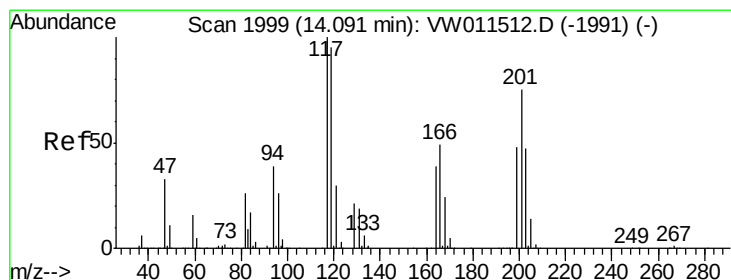
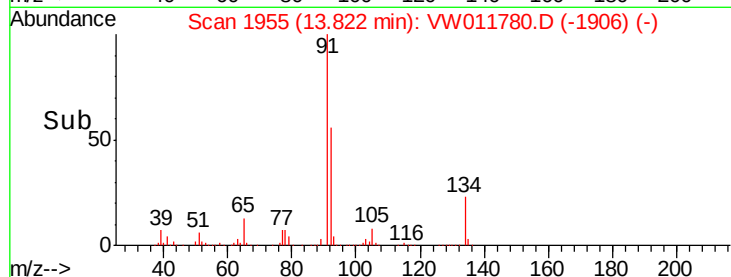
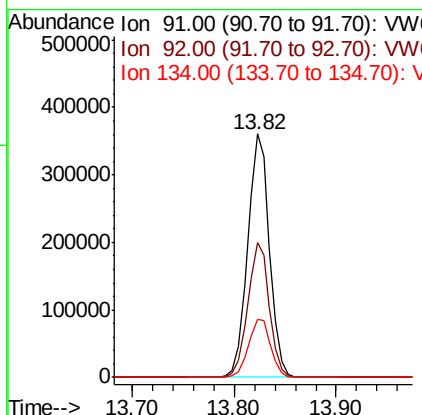
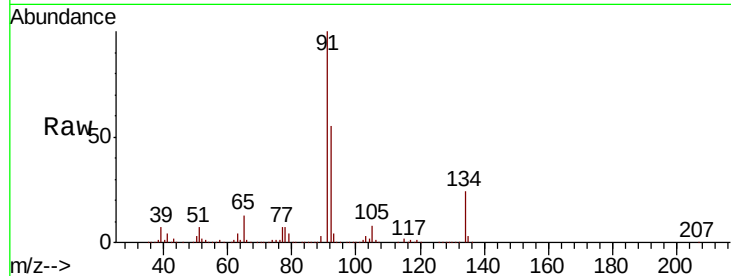




#89
n-Butylbenzene
Concen: 56.489 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

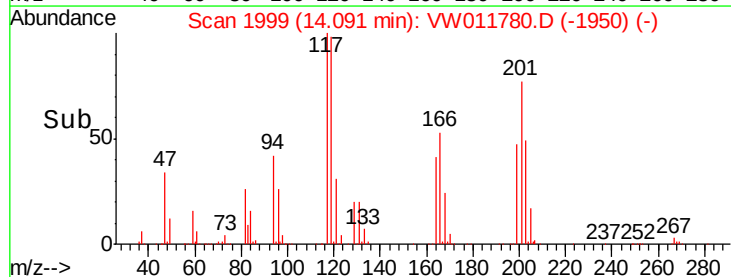
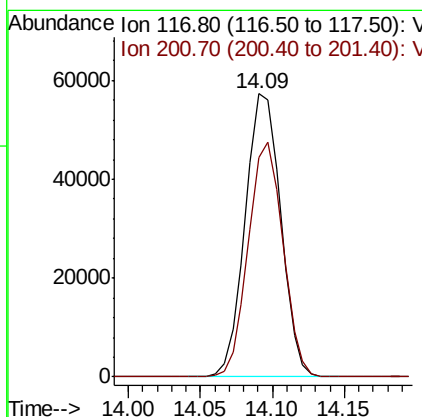
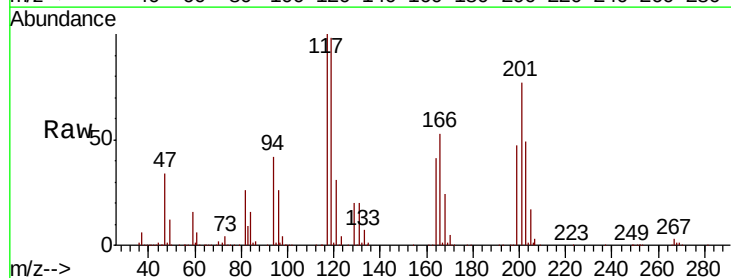
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

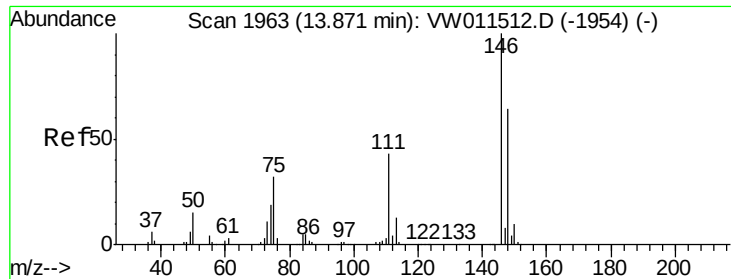
Tgt Ion: 91 Resp: 532169
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 24.5 12.2 36.6



#90
Hexachloroethane
Concen: 58.648 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion: 117 Resp: 97901
Ion Ratio Lower Upper
117 100
201 80.8 39.4 118.2

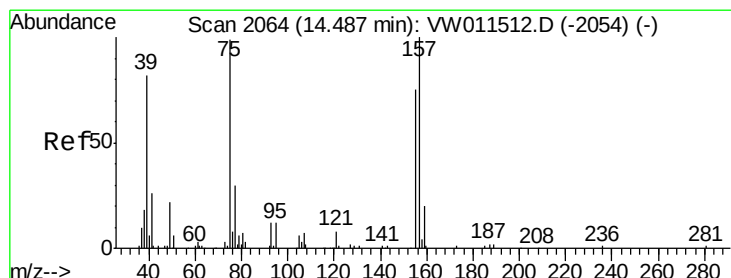
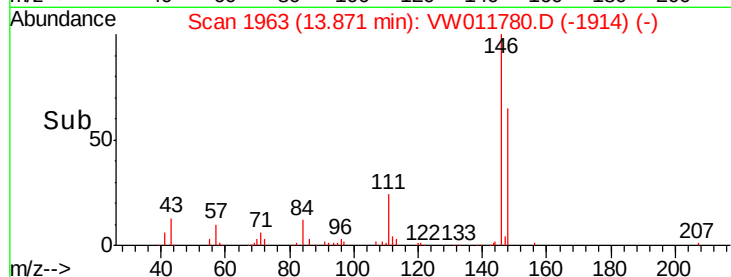
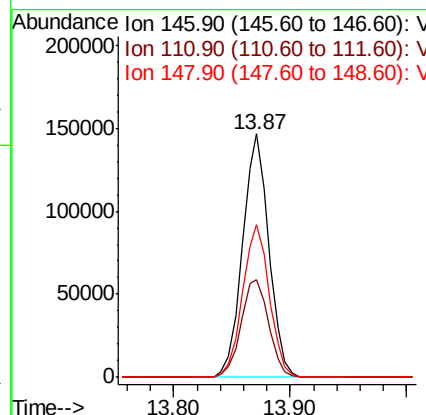
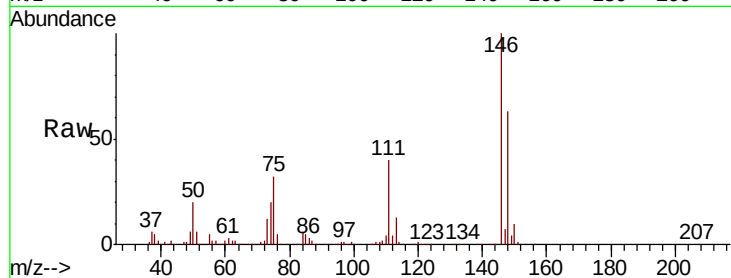




#91
 1,2-Dichlorobenzene
 Concen: 57.736 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

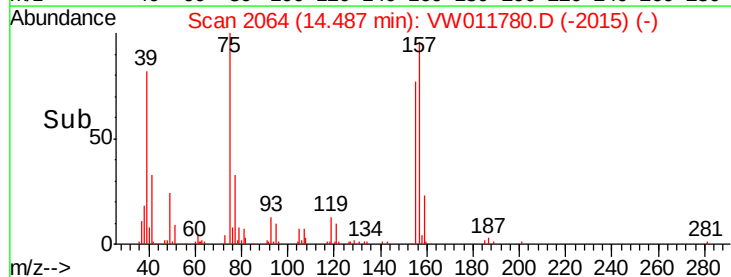
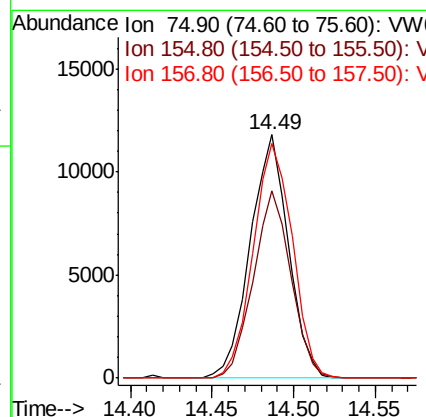
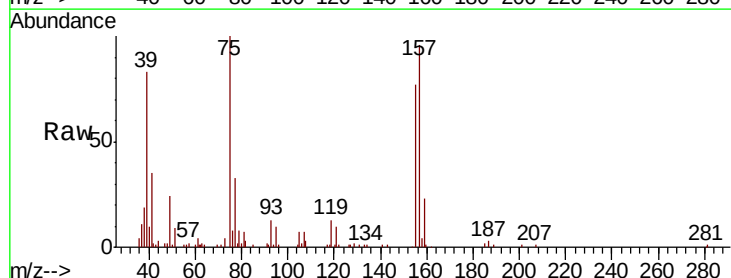
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

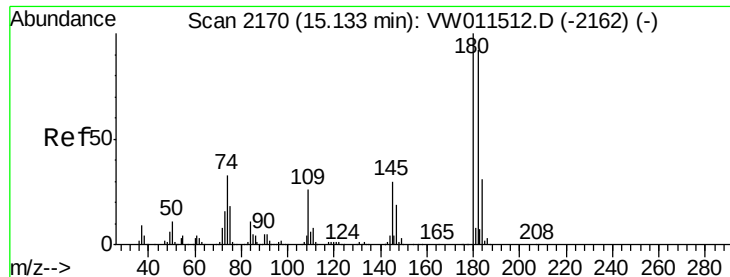
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.6	65.0
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.549 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	38.2	114.6
157	98.9	48.9	146.7

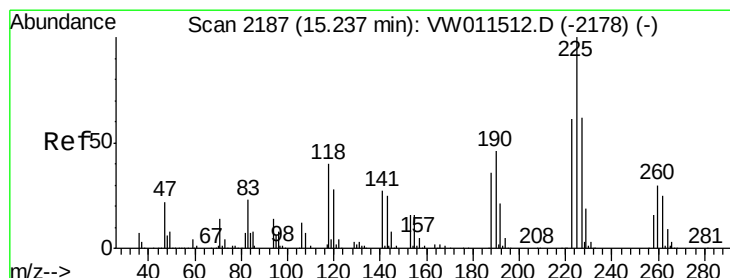
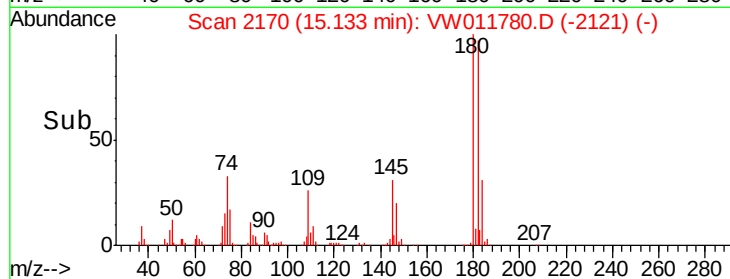
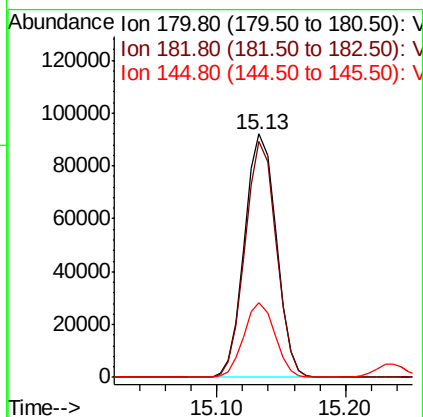
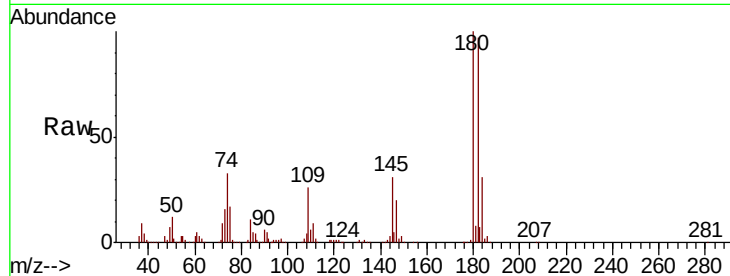




#93
 1,2,4-Trichlorobenzene
 Concen: 55.861 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

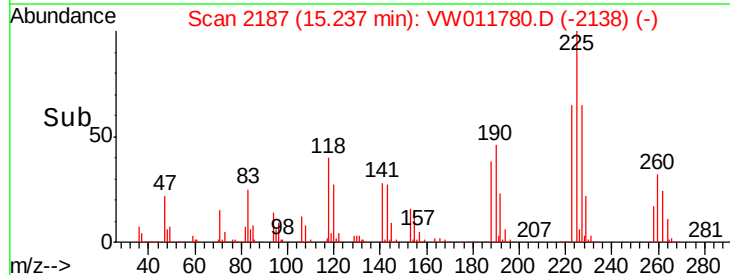
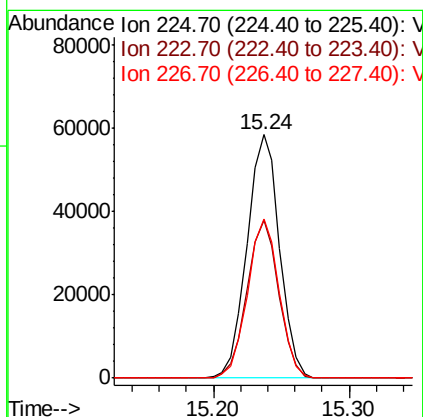
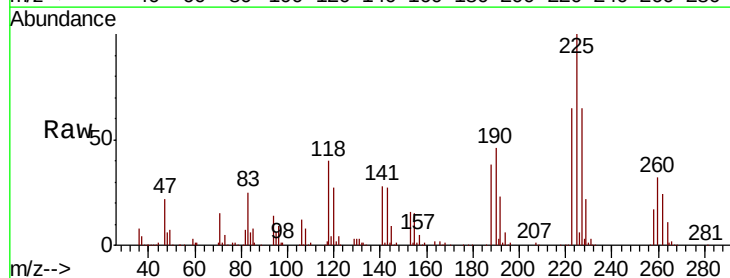
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

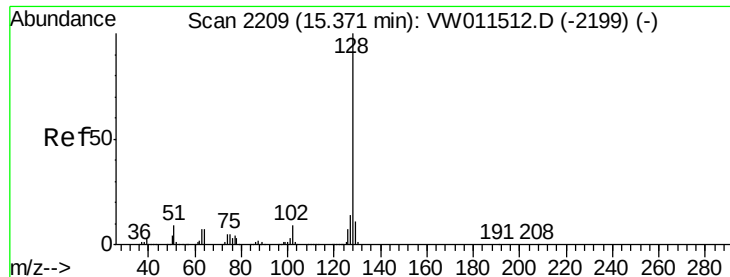
Tgt Ion:180 Resp: 156979
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 30.3 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 55.861 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011780.D
 Acq: 08 Aug 2019 20:33

Tgt Ion:225 Resp: 97896
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.8 92.3
 227 63.6 31.6 94.7

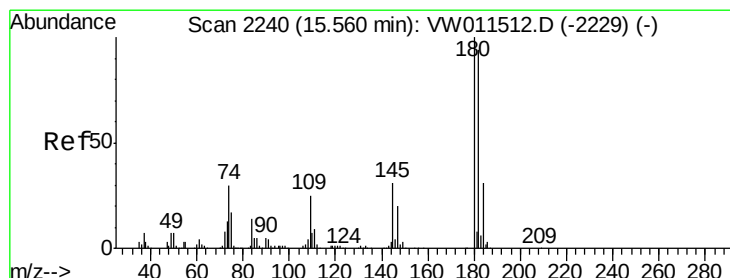
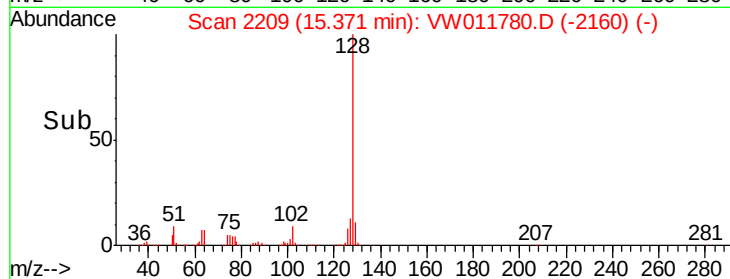
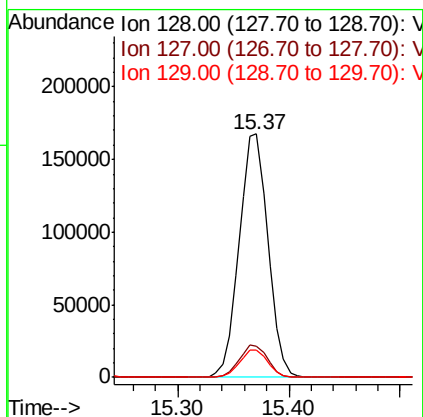
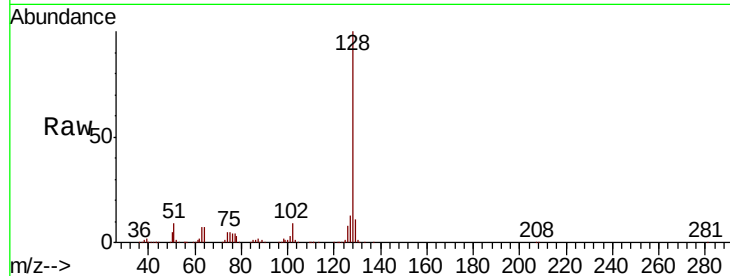




#95
Naphthalene
Concen: 54.529 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 301243
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.997 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011780.D
Acq: 08 Aug 2019 20:33

Tgt Ion:180 Resp: 140400
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 31.6 15.9 47.7

