

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
 Data File : VW009134.D
 Acq On : 13 Mar 2019 03:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 06:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134520	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
35) Dibromofluoromethane	7.88	113	111428	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	471311	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.62	95	183529	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	96704	40.894	ug/l	96
3) Chloromethane	2.21	50	149038	49.612	ug/l	99
4) Vinyl Chloride	2.35	62	139081	45.621	ug/l	100
5) Bromomethane	2.77	94	152807	59.379	ug/l	100
6) Chloroethane	2.92	64	112027	51.617	ug/l	98
7) Trichlorofluoromethane	3.26	101	177470	45.212	ug/l	96
8) Diethyl Ether	3.68	74	64641	53.858	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109000	44.586	ug/l	100
10) Methyl Iodide	4.27	142	120101	45.590	ug/l	99
11) Tert butyl alcohol	5.21	59	47315	261.549	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	96642	45.828	ug/l	97
13) Acrolein	3.90	56	47739	239.814	ug/l	97
14) Allyl chloride	4.67	41	183245	49.262	ug/l	98
15) Acrylonitrile	5.37	53	152256	290.656	ug/l	99
16) Acetone	4.14	43	130851	245.629	ug/l	97
17) Carbon Disulfide	4.38	76	323376	45.576	ug/l	98
18) Methyl Acetate	4.67	43	72560	59.233	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	312423	56.005	ug/l	99
20) Methylene Chloride	4.92	84	135540	54.584	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	119973	49.271	ug/l	96
22) Diisopropyl ether	6.31	45	411211	55.627	ug/l	99
23) Vinyl Acetate	6.26	43	1261348	274.197	ug/l	99
24) 1,1-Dichloroethane	6.21	63	222862	51.977	ug/l	97
25) 2-Butanone	7.17	43	200327	272.099	ug/l	94
26) 2,2-Dichloropropane	7.17	77	169594	43.515	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	132632	50.717	ug/l	99
28) Bromochloromethane	7.51	49	101944	57.161	ug/l	96
29) Tetrahydrofuran	7.53	42	134124	289.090	ug/l	99
30) Chloroform	7.67	83	230130	52.132	ug/l	100
31) Cyclohexane	7.95	56	186809	42.432	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	200105	49.120	ug/l	100
36) 1,1-Dichloropropene	8.08	75	168505	44.893	ug/l	99
37) Ethyl Acetate	7.25	43	91310	51.791	ug/l	100
38) Carbon Tetrachloride	8.07	117	174825	45.100	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
 Data File : VW009134.D
 Acq On : 13 Mar 2019 03:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 06:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199199	44.557	ug/l	97
40) Benzene	8.32	78	494470	49.349	ug/l	98
41) Methacrylonitrile	7.48	41	57625	58.858	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	167682	51.837	ug/l	99
43) Isopropyl Acetate	8.42	43	182074	55.449	ug/l	97
44) Trichloroethene	9.09	130	130397	46.433	ug/l	99
45) 1,2-Dichloropropane	9.37	63	128731	51.297	ug/l	100
46) Dibromomethane	9.46	93	71334	52.048	ug/l	100
47) Bromodichloromethane	9.64	83	177749	51.234	ug/l	99
48) Methyl methacrylate	9.43	41	85206	55.727	ug/l	91
49) 1,4-Dioxane	9.46	88	22772	1160.305	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	485448	291.210	ug/l	100
52) Toluene	10.38	92	346847	51.042	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	177831	51.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	197005	49.962	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98178	52.852	ug/l	97
56) Ethyl methacrylate	10.65	69	134293	58.250	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176038	53.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	331802	277.620	ug/l	100
59) 2-Hexanone	10.97	43	342461	292.191	ug/l	99
60) Dibromochloromethane	11.13	129	122498	53.286	ug/l	99
61) 1,2-Dibromoethane	11.23	107	95372	52.371	ug/l	100
64) Tetrachloroethene	10.86	164	132467	52.034	ug/l	96
65) Chlorobenzene	11.66	112	385309	50.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	132166	51.515	ug/l	99
67) Ethyl Benzene	11.73	91	697004	50.212	ug/l	99
68) m/p-Xylenes	11.84	106	544798	99.432	ug/l	100
69) o-Xylene	12.16	106	257343	50.479	ug/l	100
70) Styrene	12.18	104	430563	52.200	ug/l	100
71) Bromoform	12.35	173	76061	55.214	ug/l #	97
73) Isopropylbenzene	12.47	105	703800	49.724	ug/l	100
74) N-amyl acetate	12.27	43	192798	57.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121923	54.609	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	167876	107.502	ug/l #	1
77) Bromobenzene	12.75	156	166435	51.464	ug/l	97
78) n-propylbenzene	12.80	91	859452	49.297	ug/l	100
79) 2-Chlorotoluene	12.90	91	499907	51.035	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	612176	50.176	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36378	52.105	ug/l	99
82) 4-Chlorotoluene	12.99	91	524440	50.227	ug/l	100
83) tert-Butylbenzene	13.21	119	546964	53.156	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	628292	50.907	ug/l	100
85) sec-Butylbenzene	13.38	105	752373	49.350	ug/l	100
86) p-Isopropyltoluene	13.50	119	667211	48.922	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	339935	50.016	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	336162	50.049	ug/l	100
89) n-Butylbenzene	13.83	91	627399	48.390	ug/l	99
90) Hexachloroethane	14.10	117	121658	51.721	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	311293	51.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23894	60.088	ug/l	99

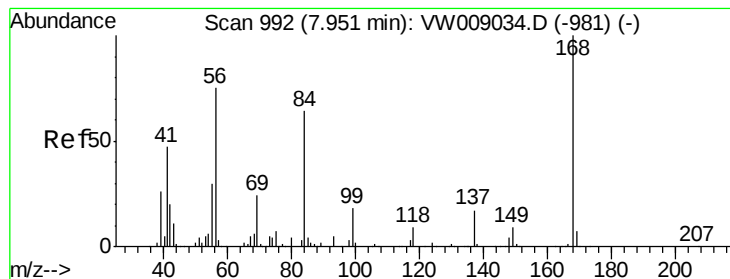
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
Data File : VW009134.D
Acq On : 13 Mar 2019 03:36
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Mar 13 06:59:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	201497	49.756	ug/l	99
94) Hexachlorobutadiene	15.24	225	121595	47.936	ug/l	99
95) Naphthalene	15.37	128	381510	57.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	185262	52.025	ug/l	98

(#) = 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. -0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

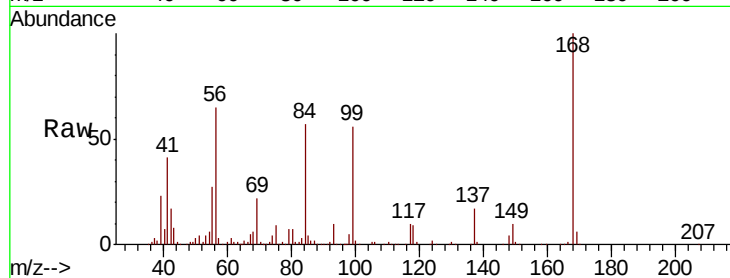
VSTDCCC050

Tgt Ion:168 Resp: 234642

Ion Ratio Lower Upper

168 100

99 56.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

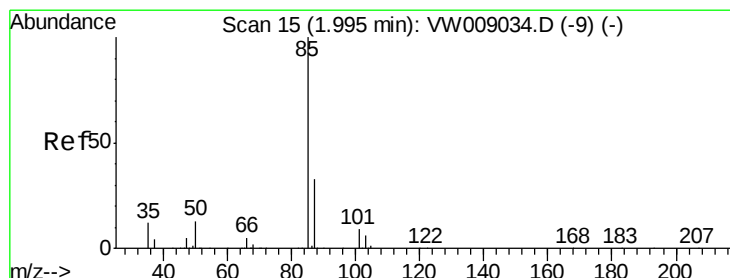
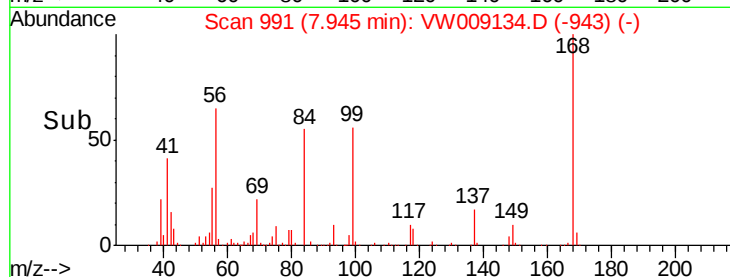
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.894 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009134.D

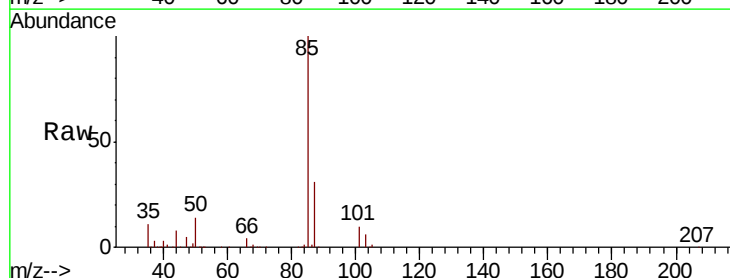
Acq: 13 Mar 2019 03:36

Tgt Ion: 85 Resp: 96704

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

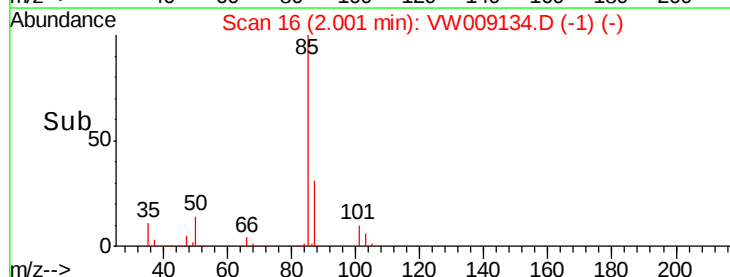
60000

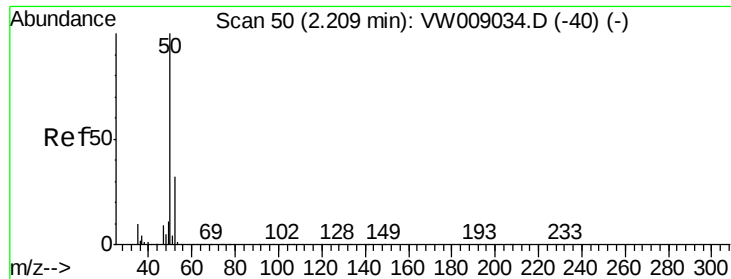
40000

20000

0

Time-->

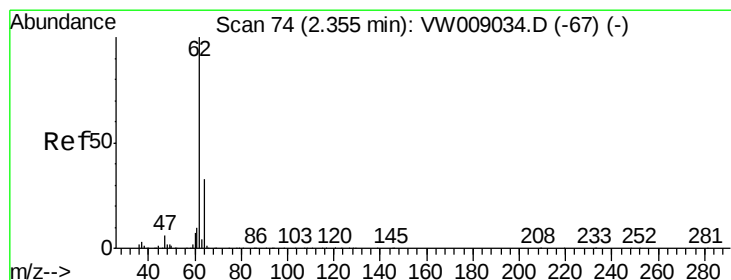
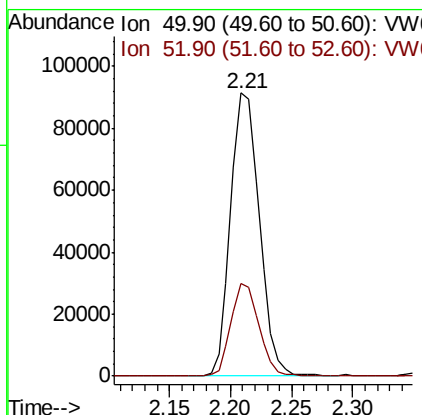
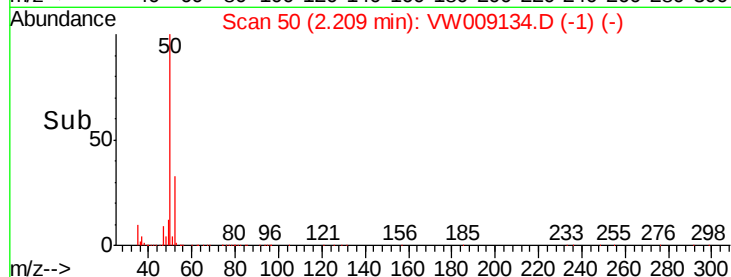
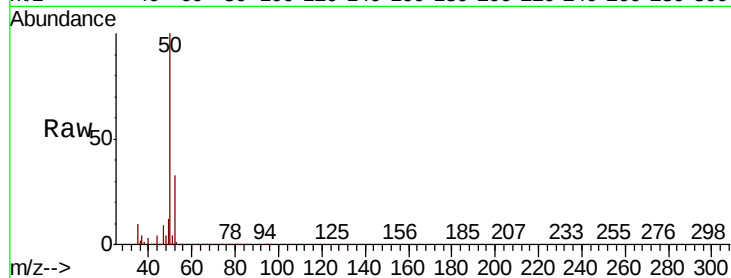




#3
Chloromethane
Concen: 49.612 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

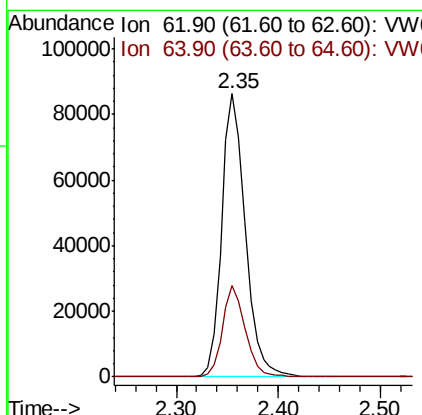
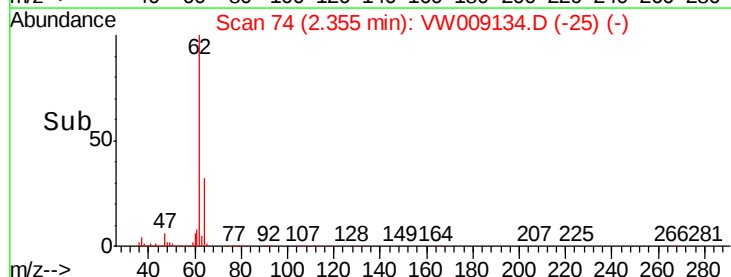
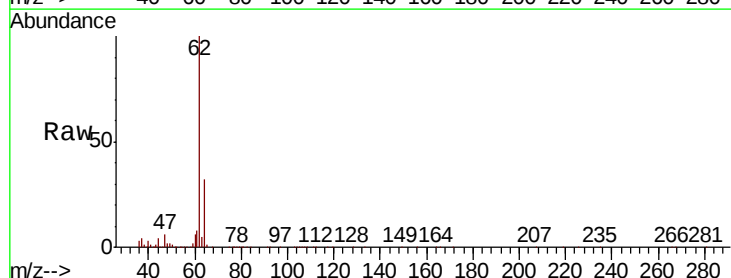
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

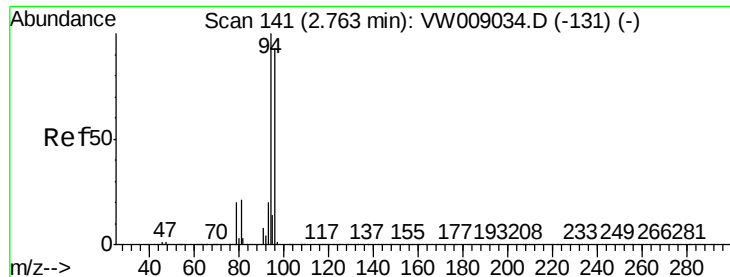
Tgt Ion: 50 Resp: 149038
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 45.621 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 62 Resp: 139081
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5

Bromomethane

Concen: 59.379 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

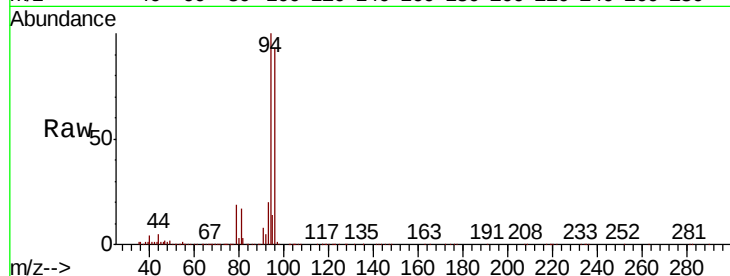
VSTDCCC050

Tgt Ion: 94 Resp: 152807

Ion Ratio Lower Upper

94 100

96 92.9 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

100000

80000

60000

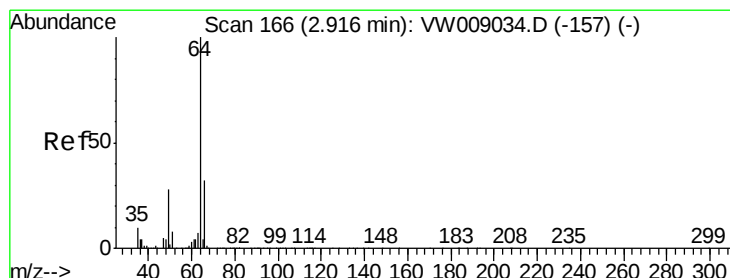
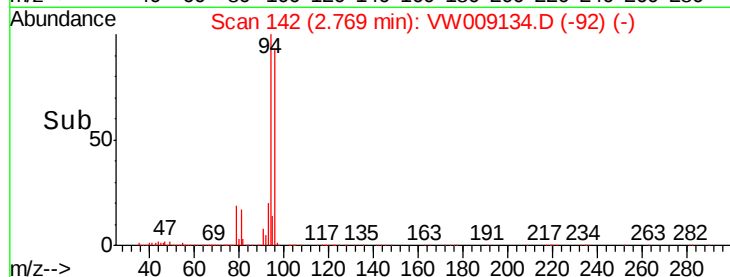
40000

20000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 51.617 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW009134.D

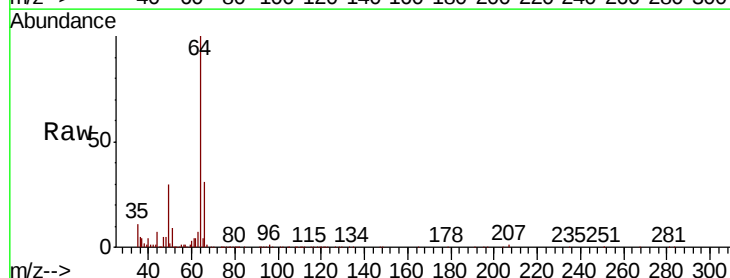
Acq: 13 Mar 2019 03:36

Tgt Ion: 64 Resp: 112027

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

60000

50000

40000

30000

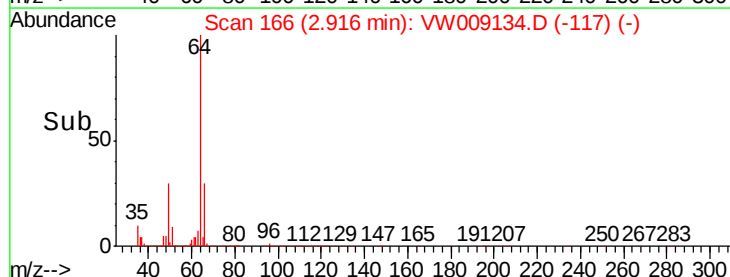
20000

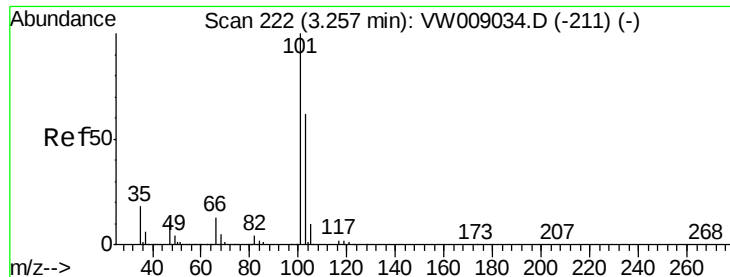
10000

0

Time-->

2.80 2.90 3.00 3.10



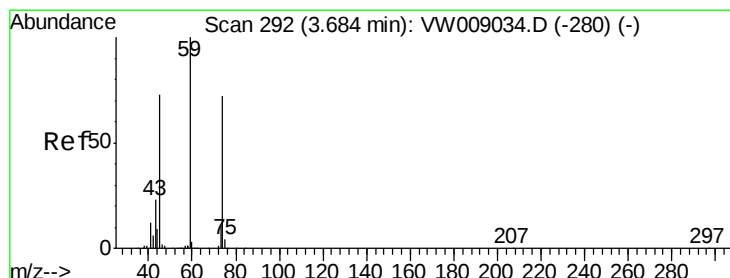
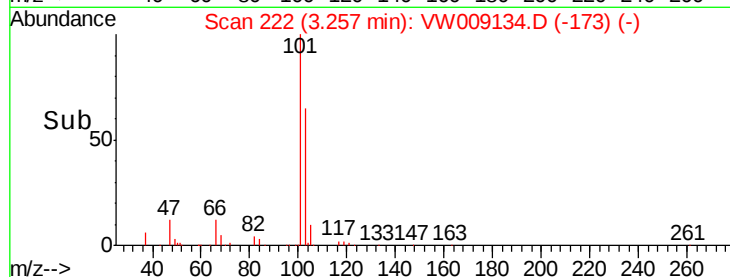
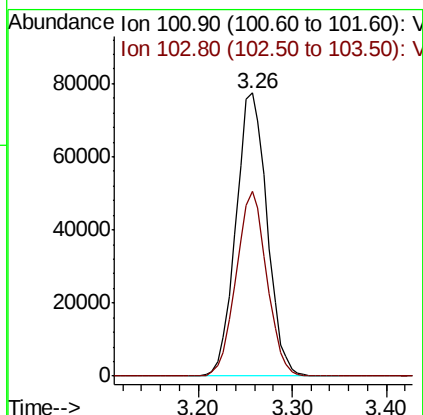
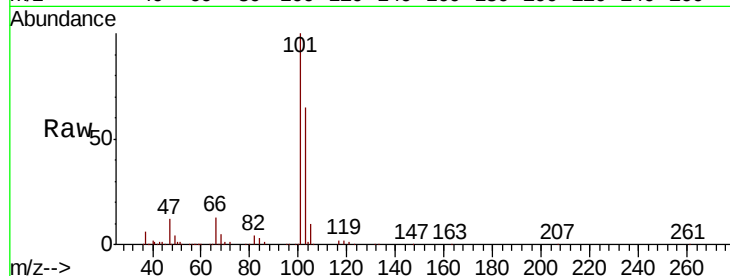


#7

Trichlorofluoromethane
 Concen: 45.212 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

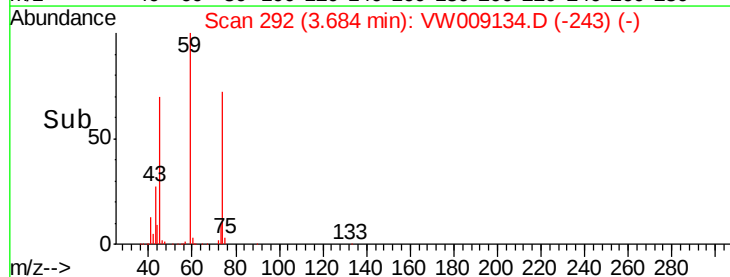
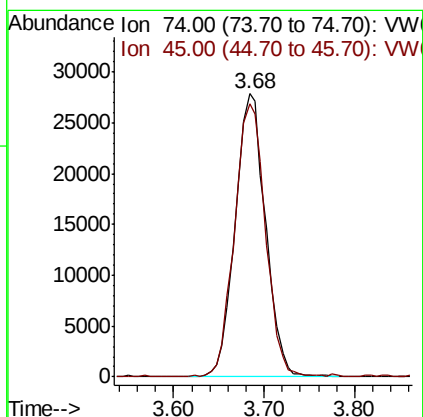
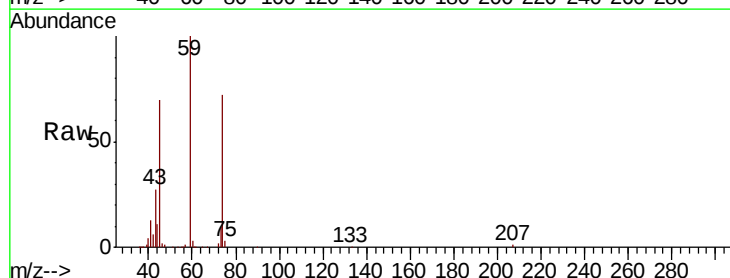
Tgt Ion:101 Resp: 177470
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.9 74.9

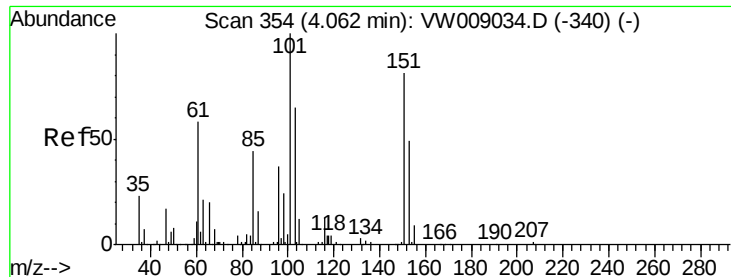


#8

Diethyl Ether
 Concen: 53.858 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 74 Resp: 64641
 Ion Ratio Lower Upper
 74 100
 45 98.7 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.586 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

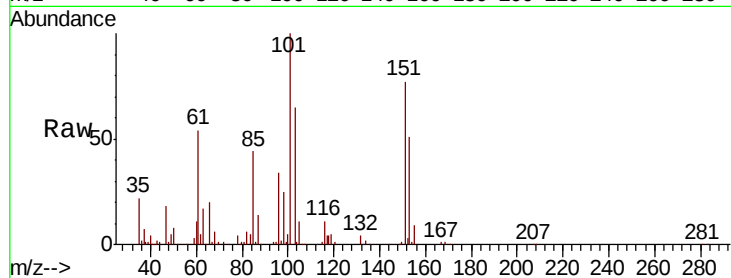
Tgt Ion:101 Resp: 109000

Ion Ratio Lower Upper

101 100

85 46.2 36.2 54.4

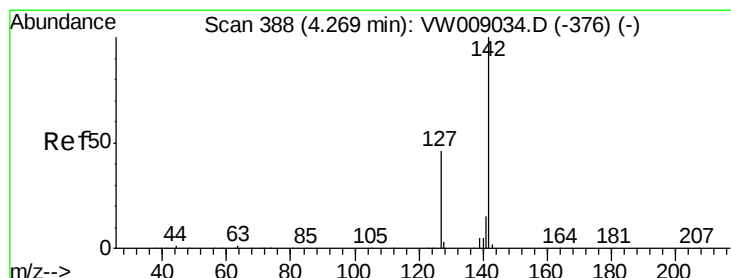
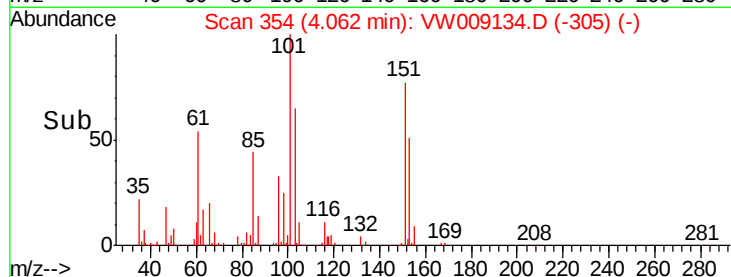
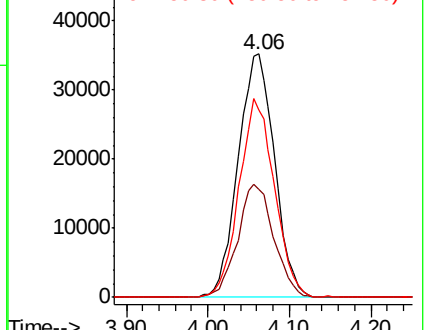
151 79.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.590 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

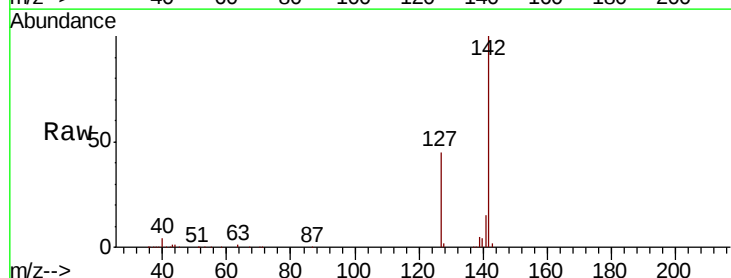
Tgt Ion:142 Resp: 120101

Ion Ratio Lower Upper

142 100

127 45.2 35.8 53.6

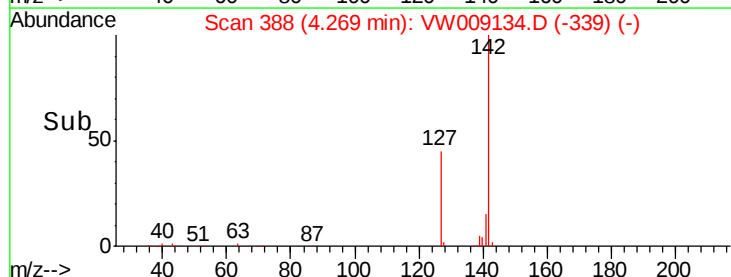
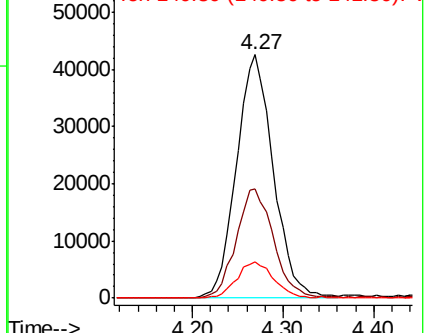
141 15.1 11.8 17.8

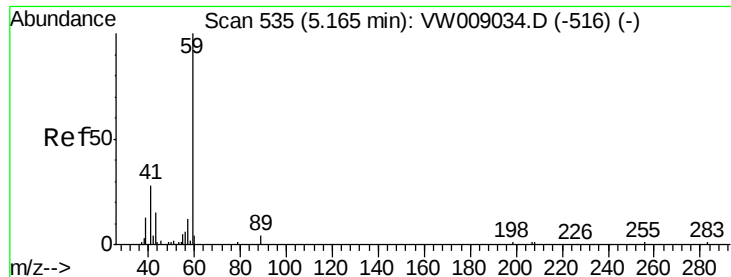


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

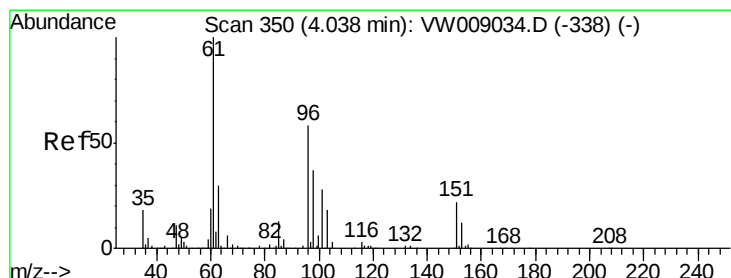
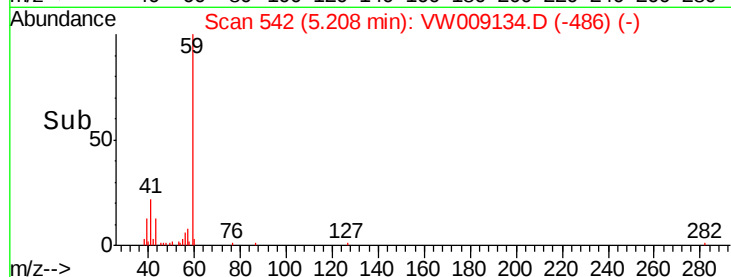
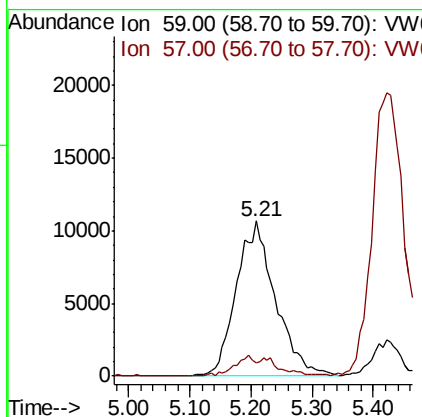
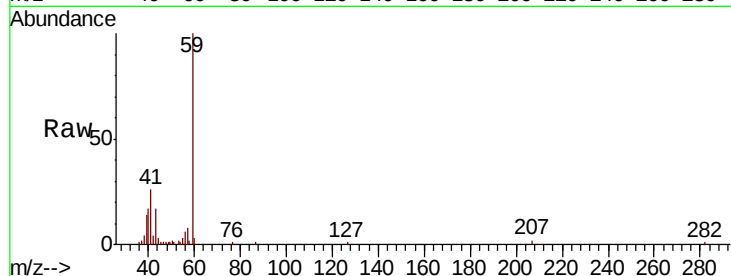




#11
Tert butyl alcohol
Concen: 261.549 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.04 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

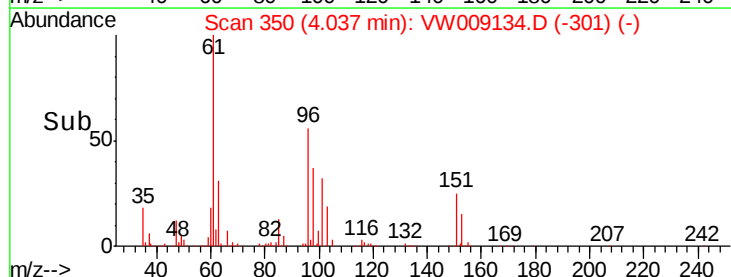
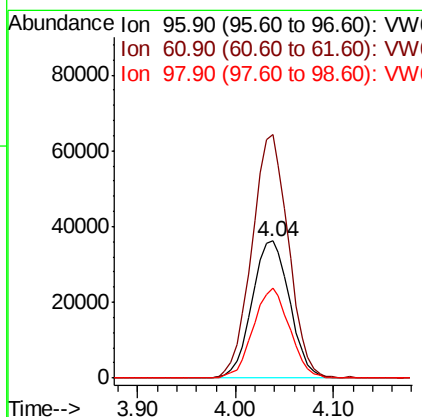
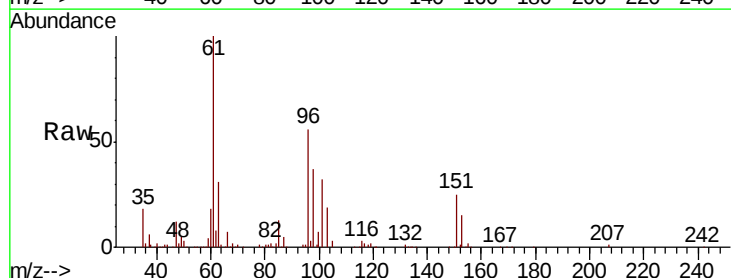
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

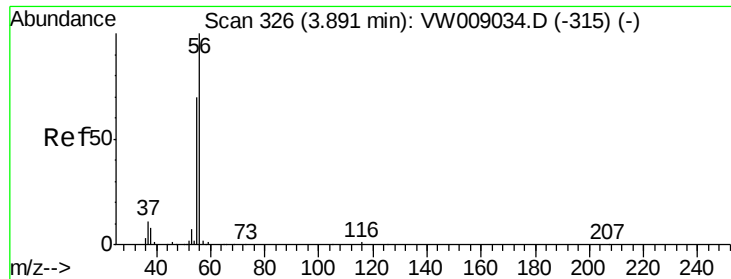
Tgt Ion: 59 Resp: 47315
Ion Ratio Lower Upper
59 100
57 6.8 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 45.828 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 96 Resp: 96642
Ion Ratio Lower Upper
96 100
61 177.5 138.2 207.2
98 65.6 51.3 76.9

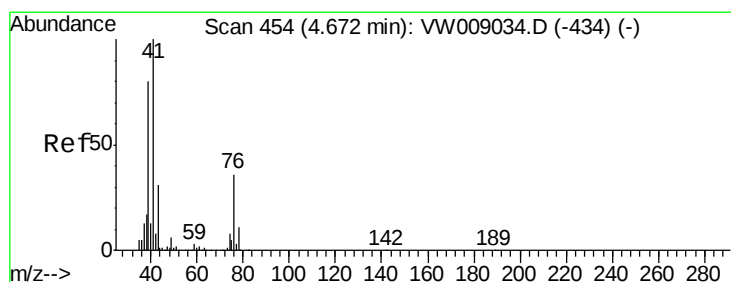
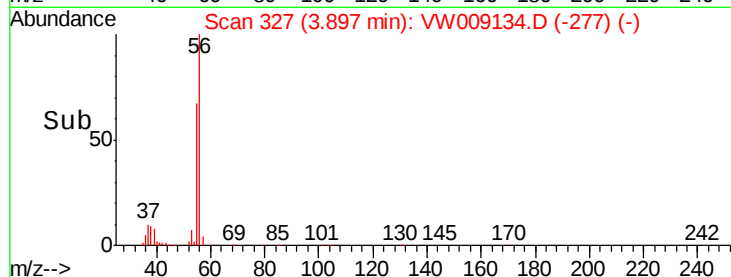
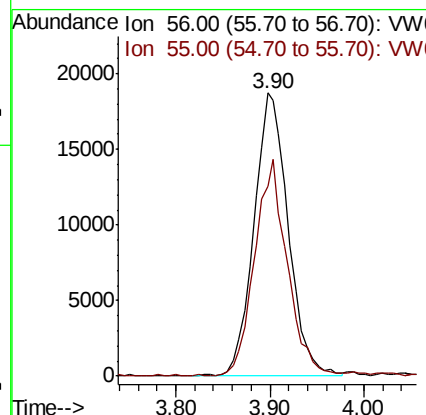
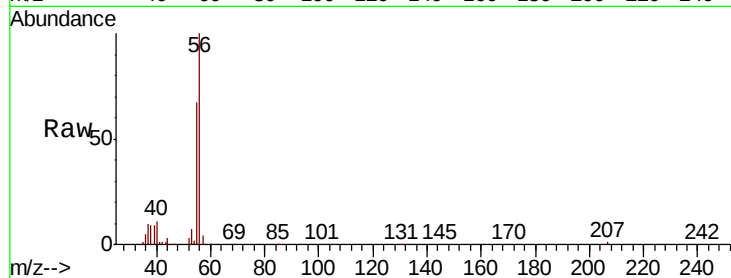




#13
 Acrolein
 Concen: 239.814 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

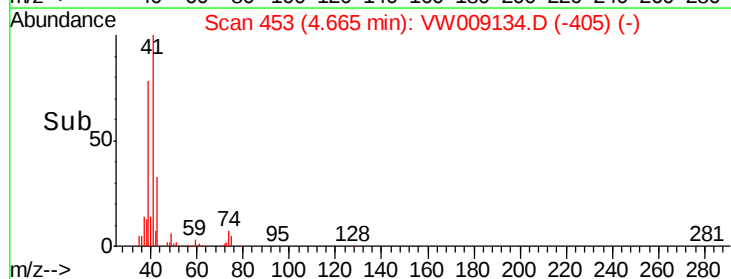
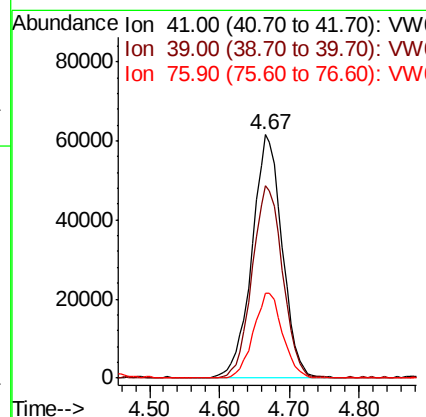
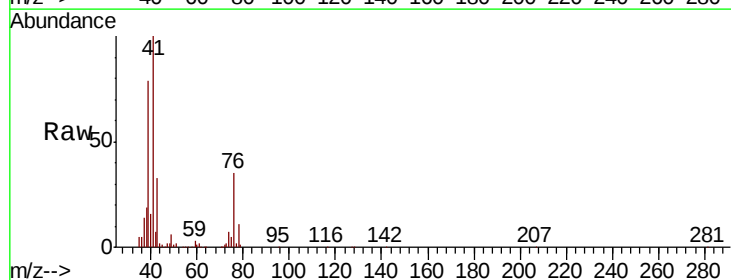
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

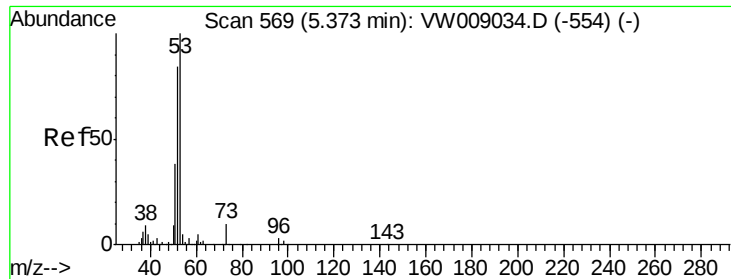
Tgt Ion: 56 Resp: 47739
 Ion Ratio Lower Upper
 56 100
 55 73.0 56.6 84.8



#14
 Allyl chloride
 Concen: 49.262 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 41 Resp: 183245
 Ion Ratio Lower Upper
 41 100
 39 80.0 63.0 94.4
 76 33.8 28.2 42.2

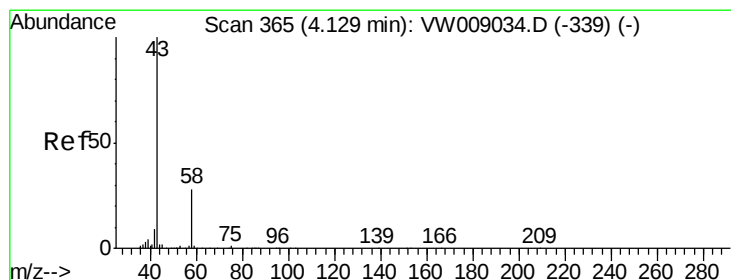
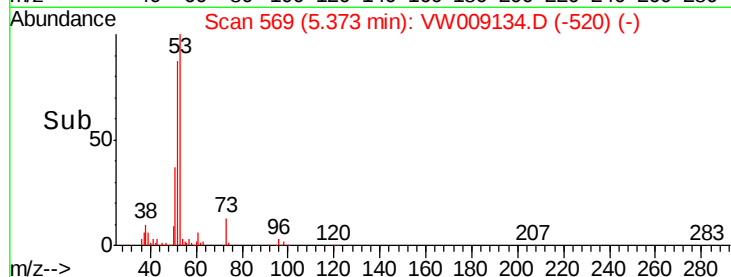
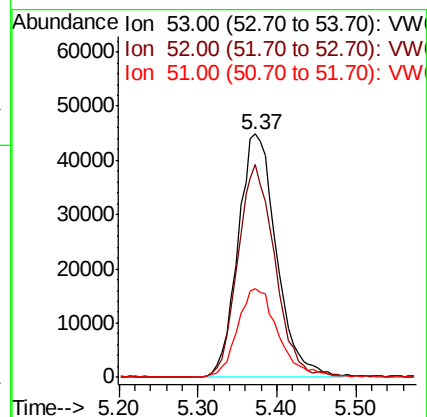
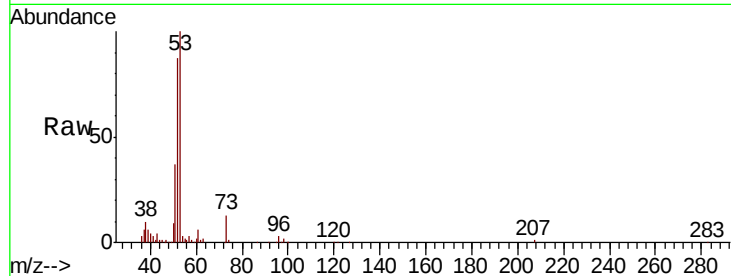




#15
 Acrylonitrile
 Concen: 290.656 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

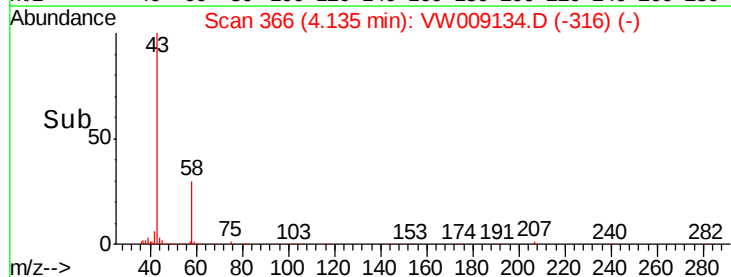
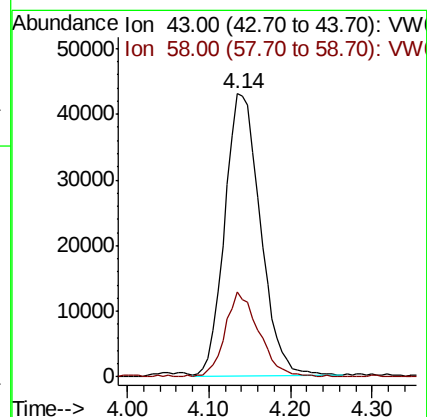
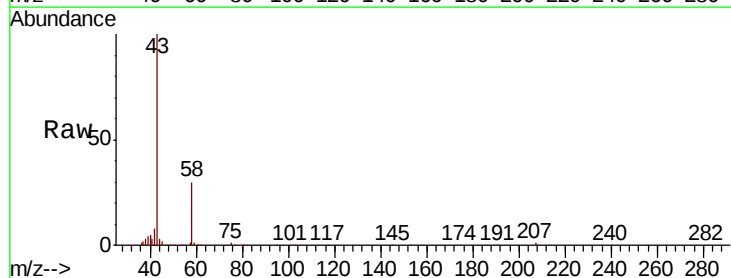
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

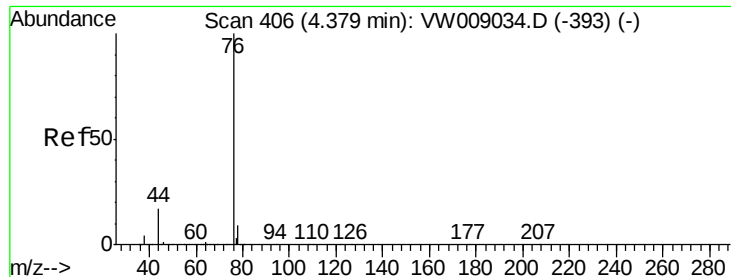
Tgt Ion: 53 Resp: 152256
 Ion Ratio Lower Upper
 53 100
 52 84.2 67.2 100.8
 51 38.6 31.8 47.6



#16
 Acetone
 Concen: 245.629 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 43 Resp: 130851
 Ion Ratio Lower Upper
 43 100
 58 29.9 22.5 33.7





#17

Carbon Disulfide

Concen: 45.576 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

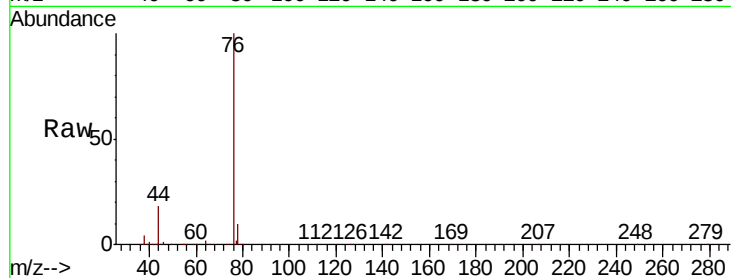
VSTDCCC050

Tgt Ion: 76 Resp: 323376

Ion Ratio Lower Upper

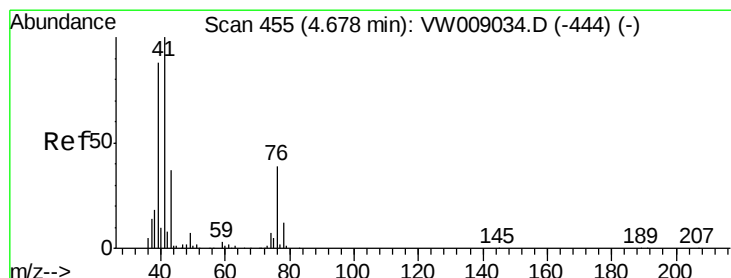
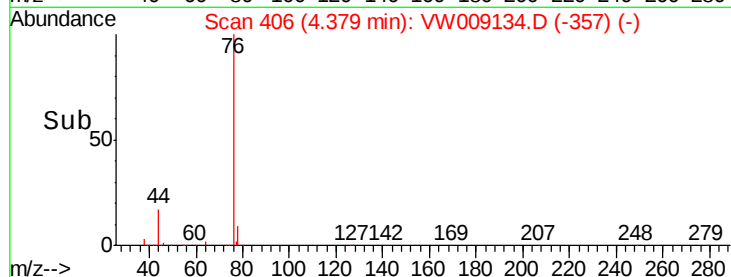
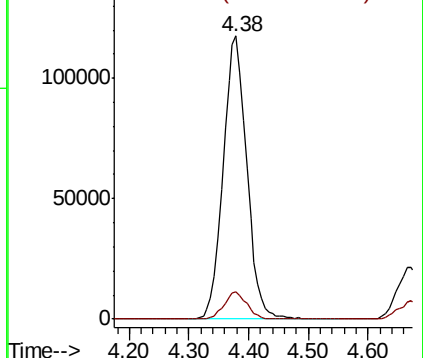
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 59.233 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW009134.D

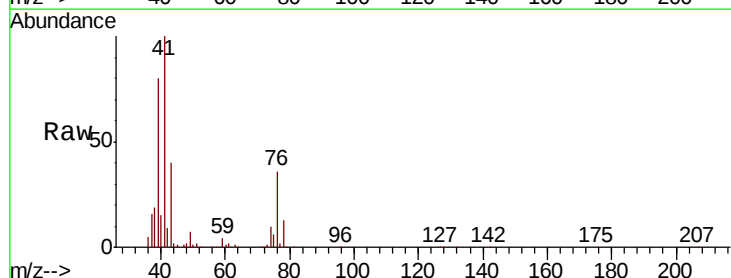
Acq: 13 Mar 2019 03:36

Tgt Ion: 43 Resp: 72560

Ion Ratio Lower Upper

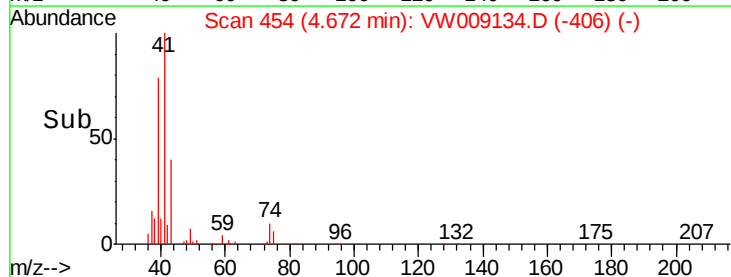
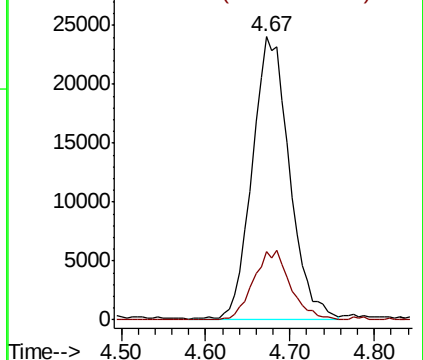
43 100

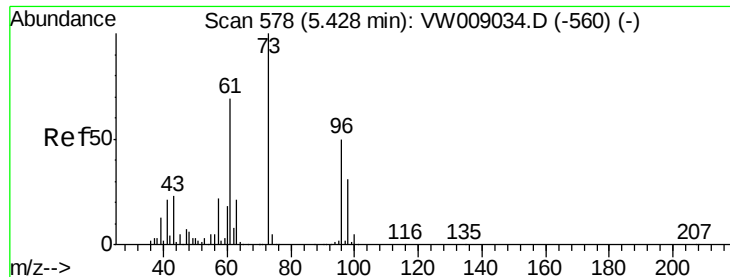
74 24.4 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

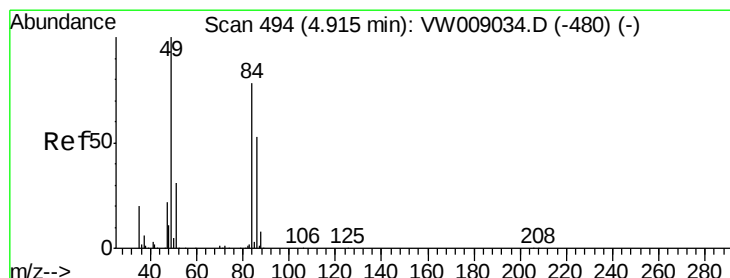
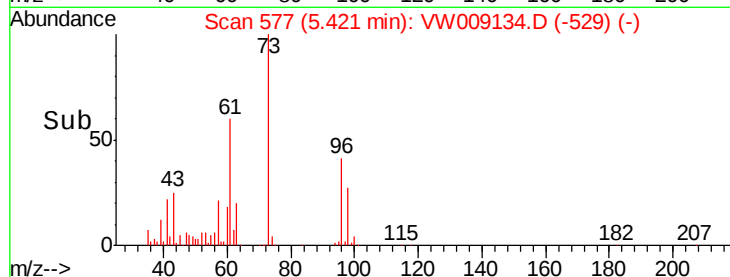
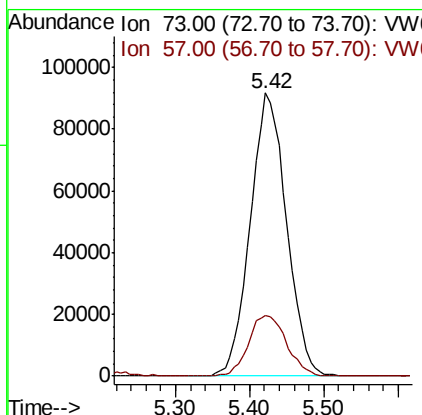
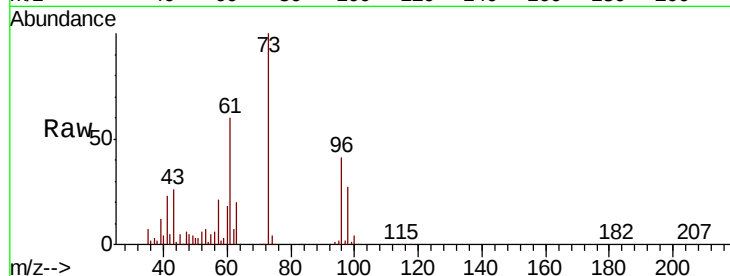




#19
Methyl tert-butyl Ether
Concen: 56.005 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

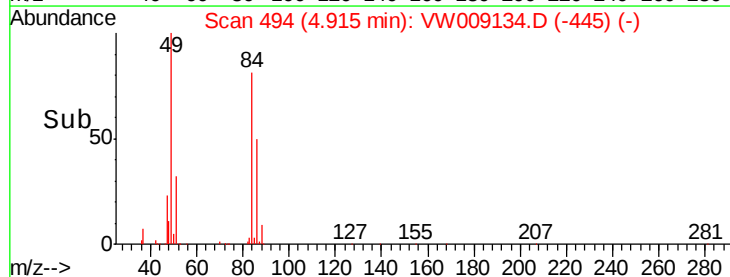
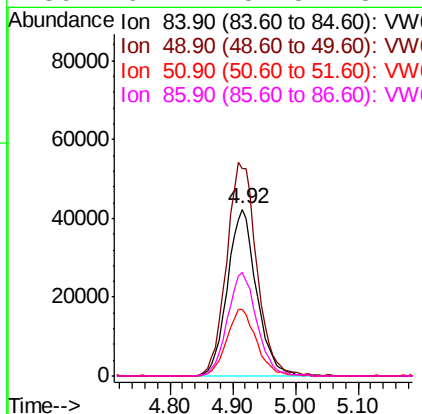
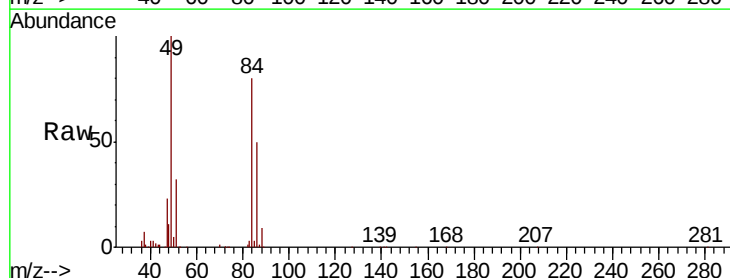
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

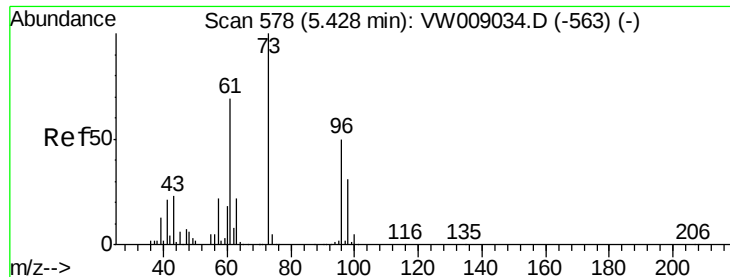
Tgt Ion: 73 Resp: 312423
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 54.584 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 84 Resp: 135540
Ion Ratio Lower Upper
84 100
49 124.3 102.4 153.6
51 40.1 31.6 47.4
86 62.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.271 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

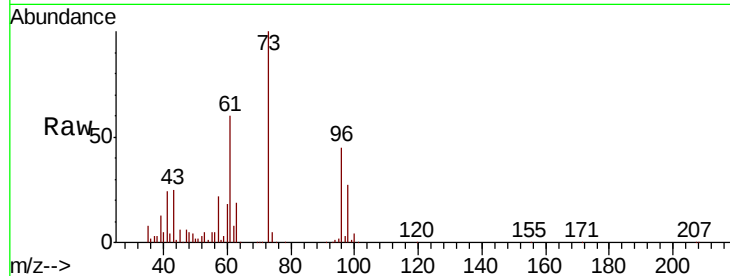
Tgt Ion: 96 Resp: 119973

Ion Ratio Lower Upper

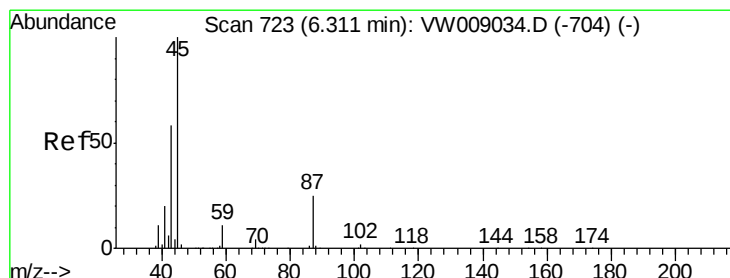
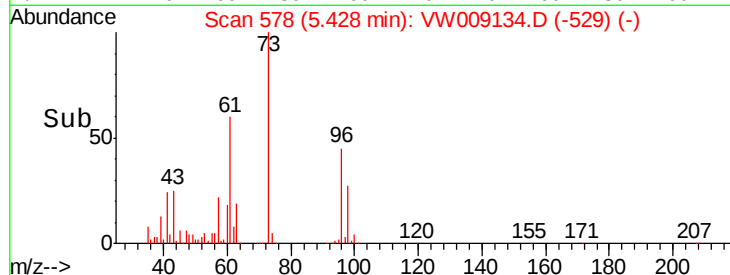
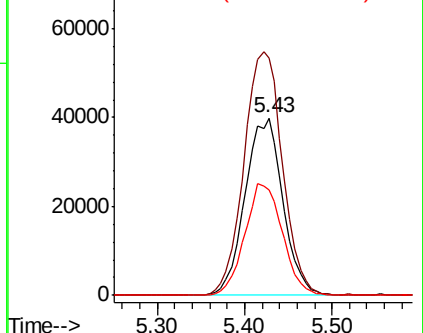
96 100

61 133.9 111.0 166.6

98 59.4 49.4 74.0



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



#22

Diisopropyl ether

Concen: 55.627 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Tgt Ion: 45 Resp: 411211

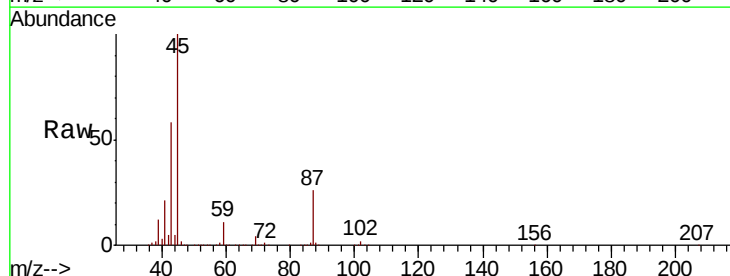
Ion Ratio Lower Upper

45 100

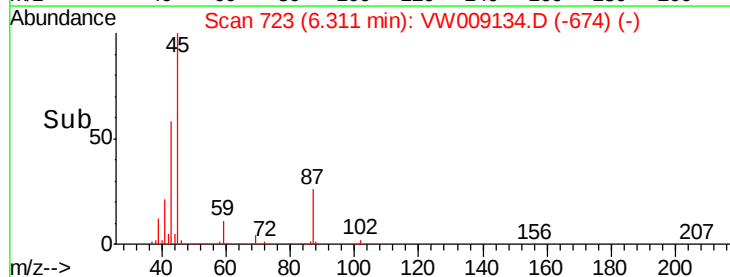
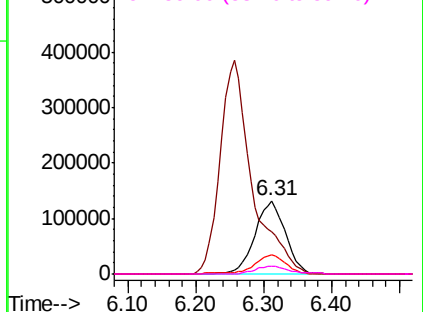
43 57.9 46.2 69.4

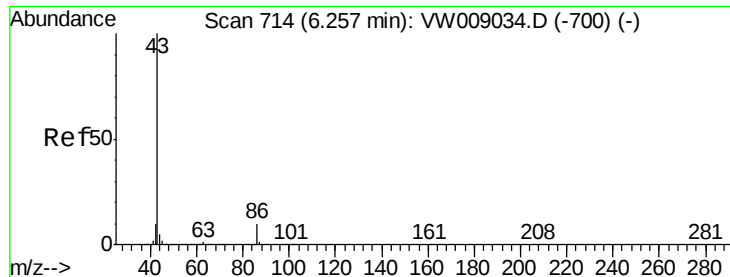
87 26.3 20.1 30.1

59 11.0 8.4 12.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 274.197 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

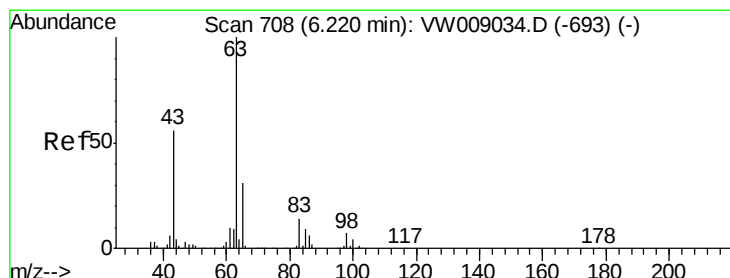
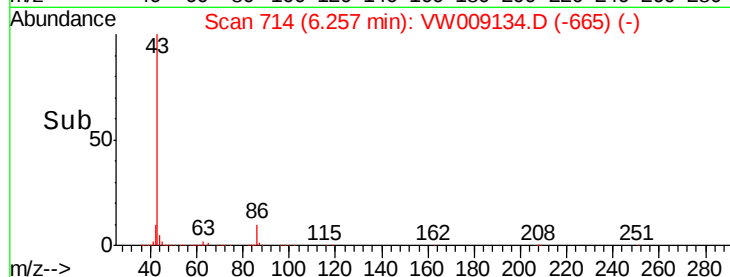
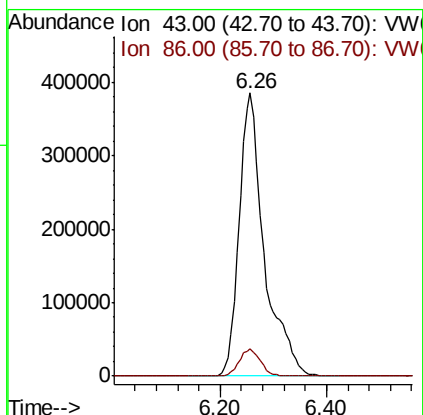
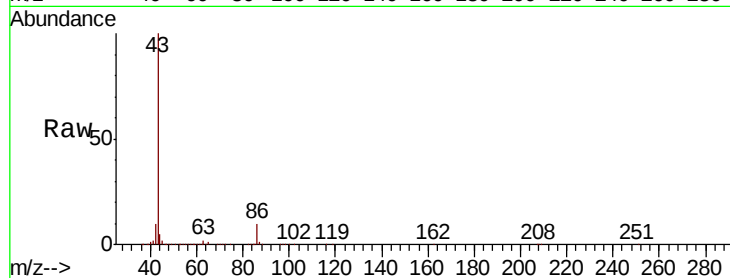
VSTDCCC050

Tgt Ion: 43 Resp: 1261348

Ion Ratio Lower Upper

43 100

86 9.9 7.6 11.4



#24

1,1-Dichloroethane

Concen: 51.977 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

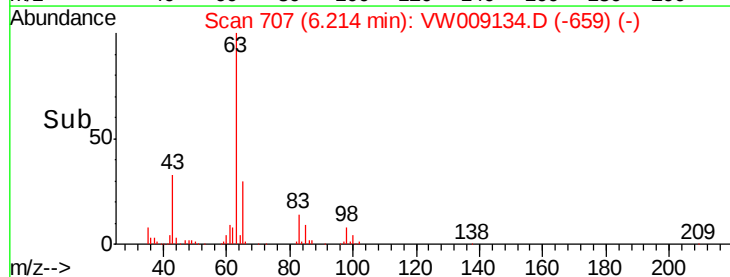
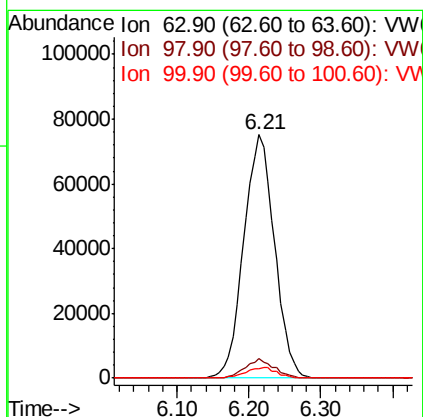
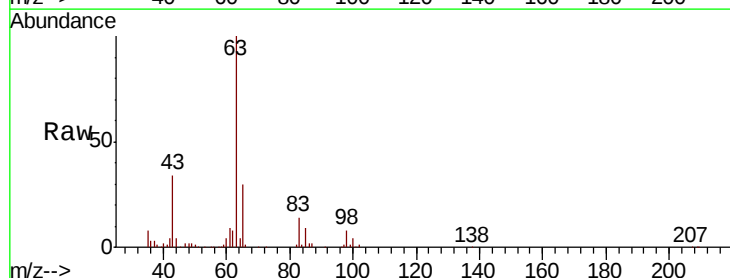
Tgt Ion: 63 Resp: 222862

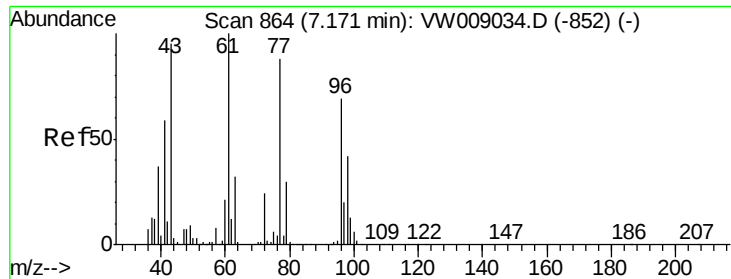
Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.2

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 272.099 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

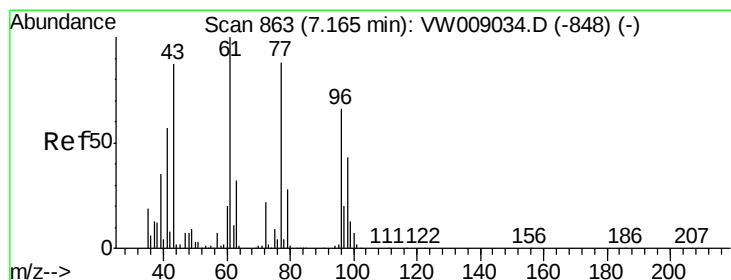
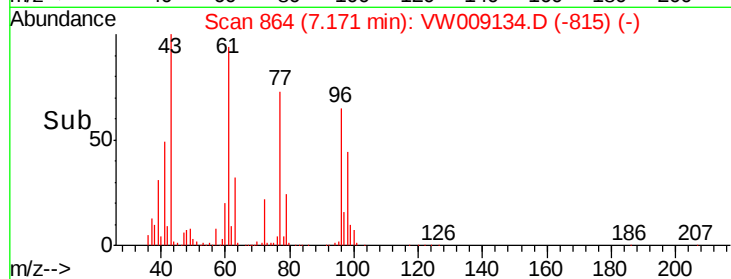
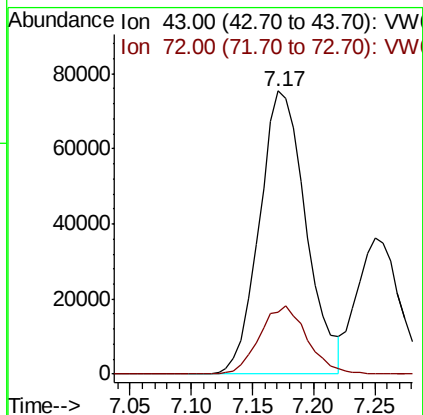
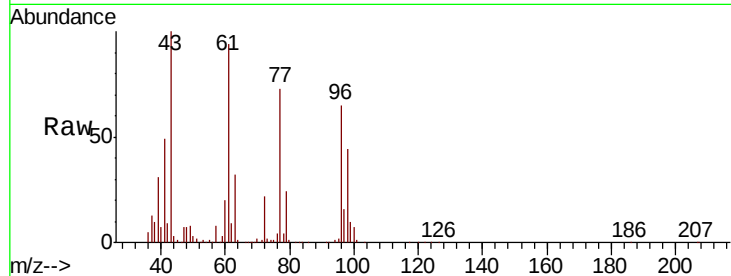
VSTDCCC050

Tgt Ion: 43 Resp: 200327

Ion Ratio Lower Upper

43 100

72 21.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 43.515 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009134.D

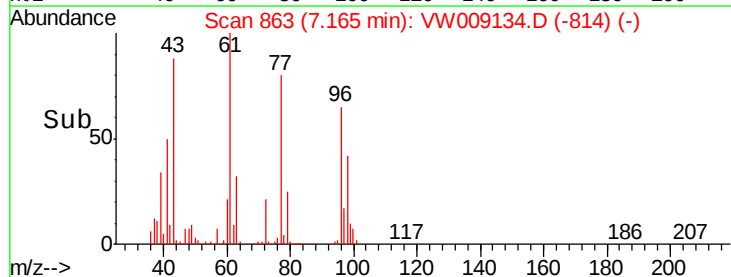
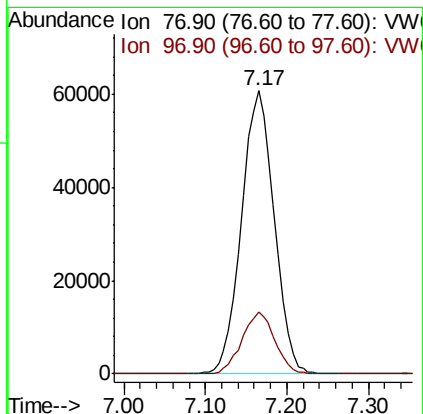
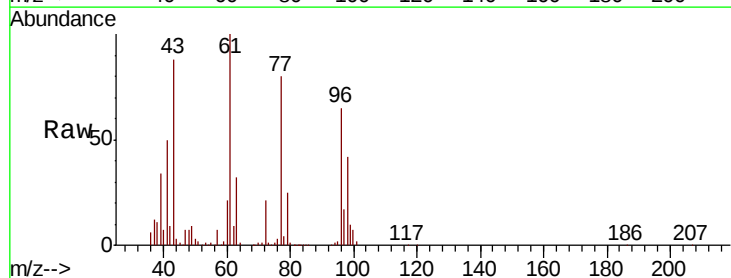
Acq: 13 Mar 2019 03:36

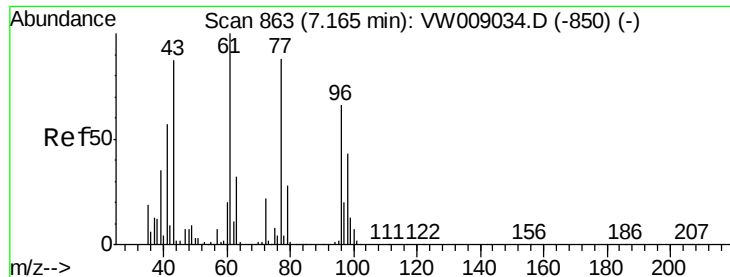
Tgt Ion: 77 Resp: 169594

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



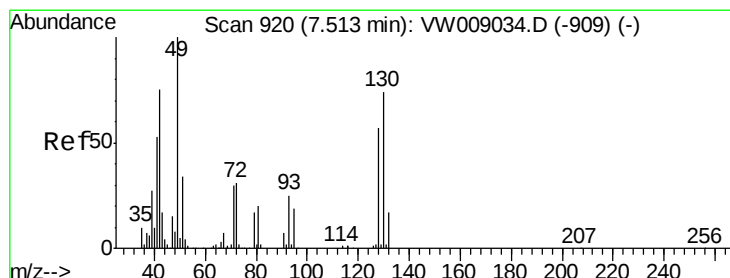
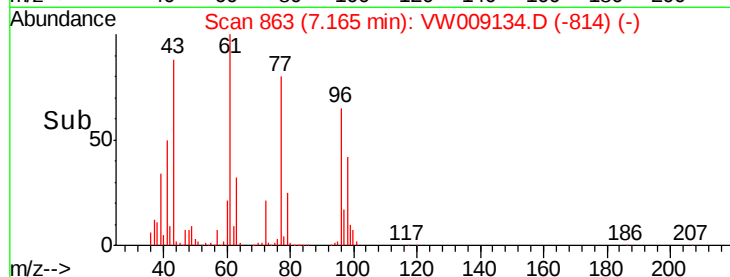
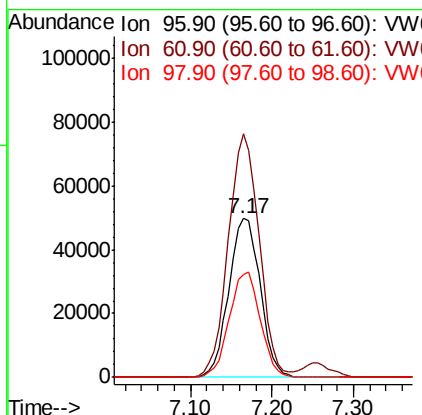
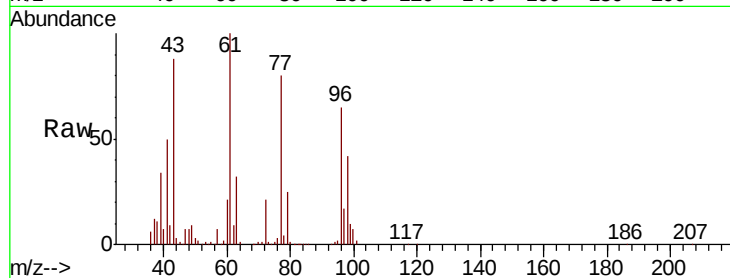


#27

cis-1,2-Dichloroethene
Concen: 50.717 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

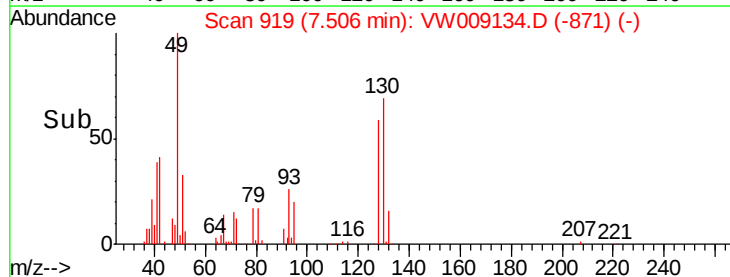
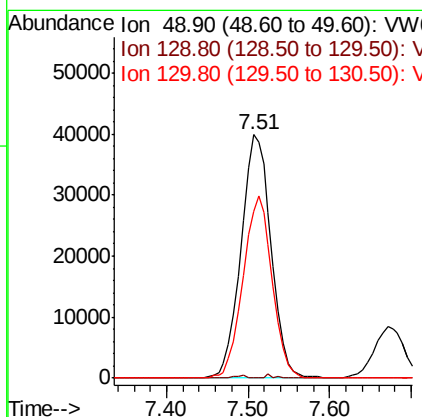
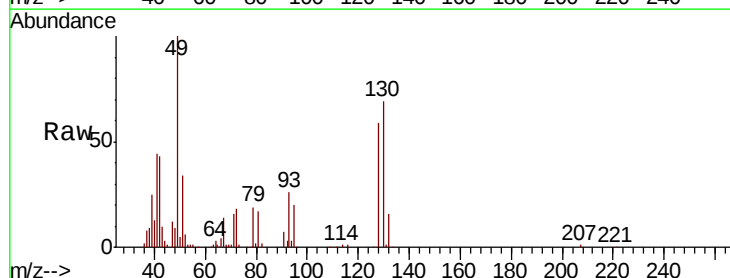
Tgt Ion	Resp	Ratio	Lower	Upper
96	132632	100		
61	150.6	0.0	299.8	
98	65.2	0.0	127.2	

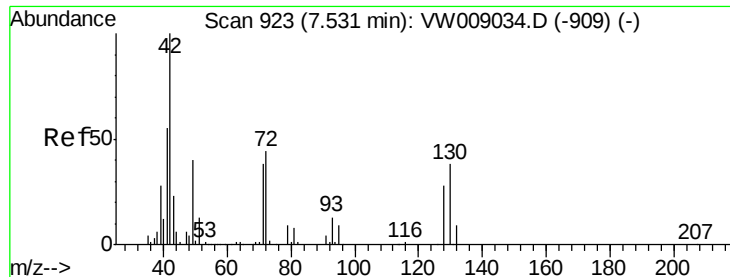


#28

Bromochloromethane
Concen: 57.161 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion	Resp	Ratio	Lower	Upper
49	101944	100		
129	0.4	0.0	4.6	
130	72.4	60.4	90.6	

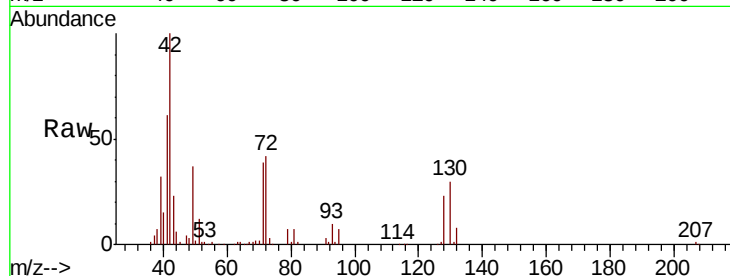




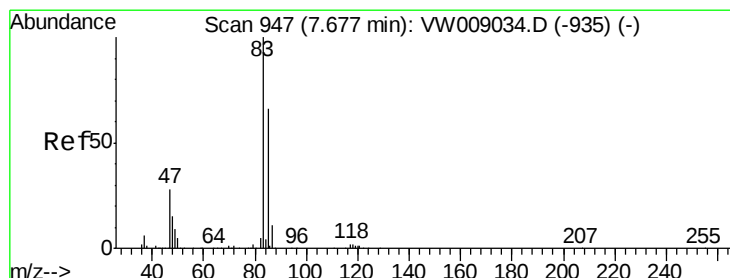
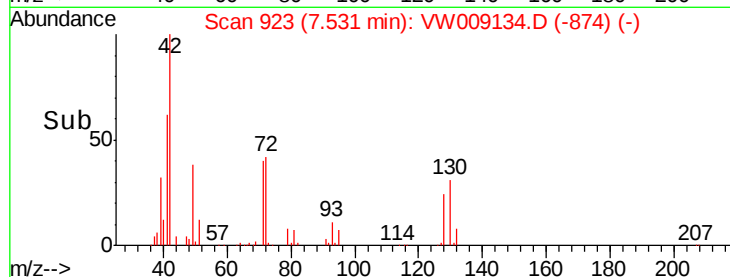
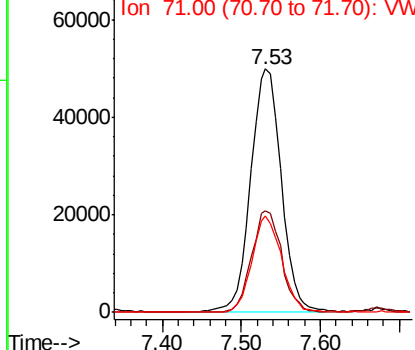
#29
Tetrahydrofuran
Concen: 289.090 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 134124
Ion Ratio Lower Upper
42 100
72 41.0 32.2 48.4
71 38.8 30.7 46.1

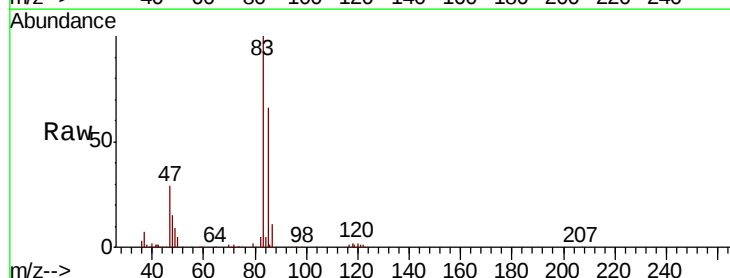


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

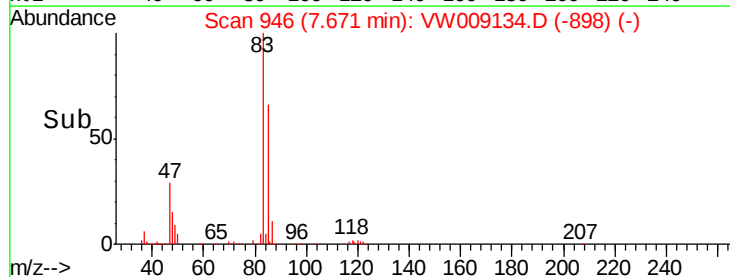
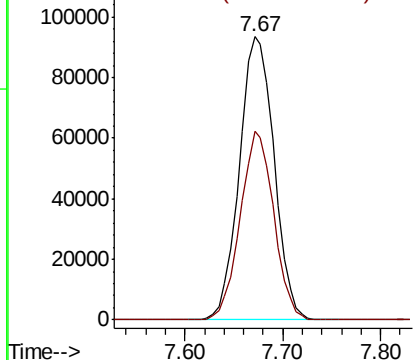


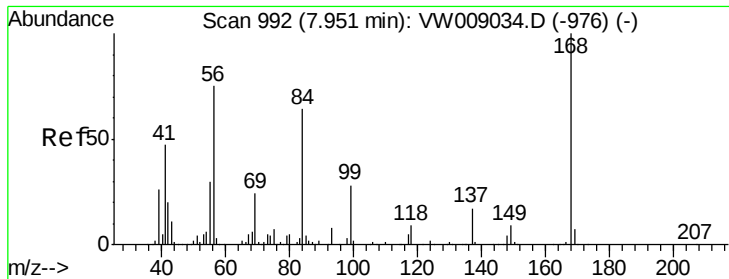
#30
Chloroform
Concen: 52.132 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 83 Resp: 230130
Ion Ratio Lower Upper
83 100
85 66.5 53.0 79.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

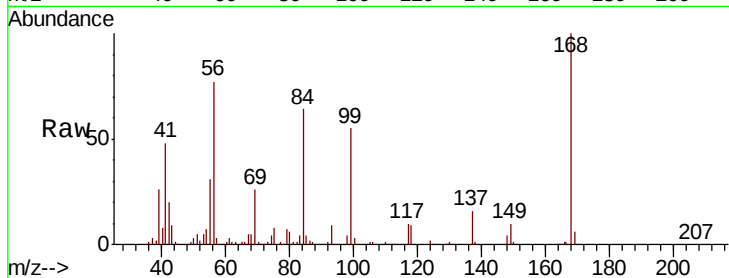




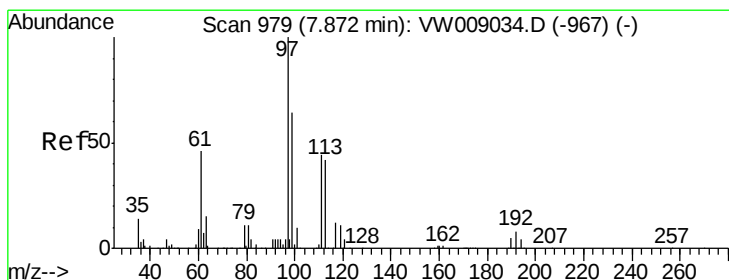
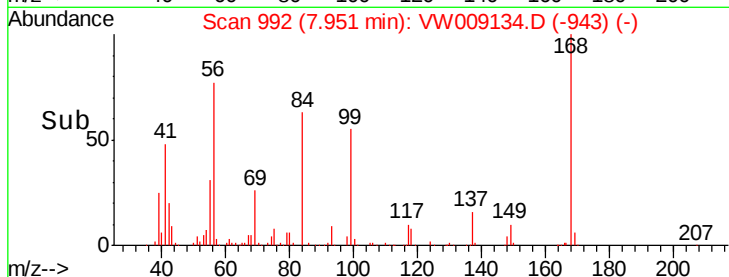
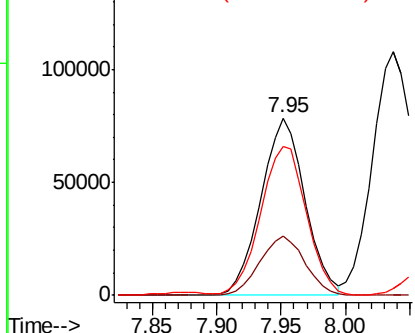
#31
Cyclohexane
Concen: 42.432 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 186809
Ion Ratio Lower Upper
56 100
69 33.3 25.5 38.3
84 82.0 68.6 103.0

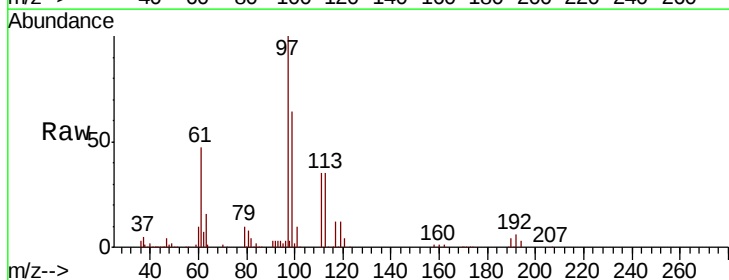


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

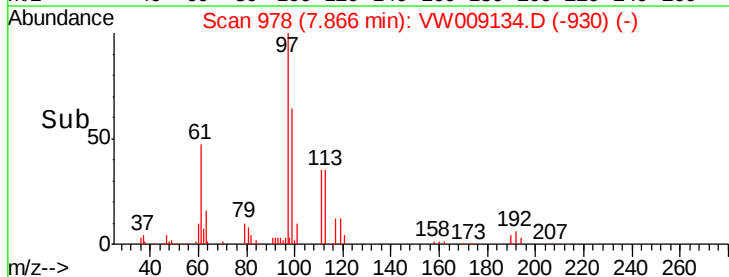
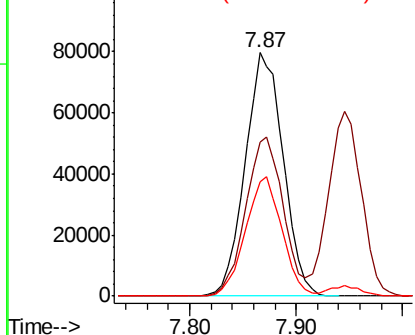


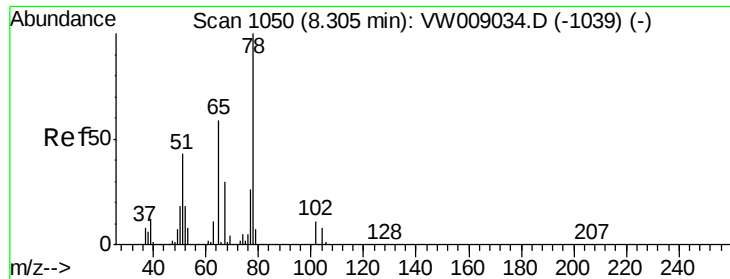
#32
1,1,1-Trichloroethane
Concen: 49.120 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 97 Resp: 200105
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 47.0 37.3 55.9



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

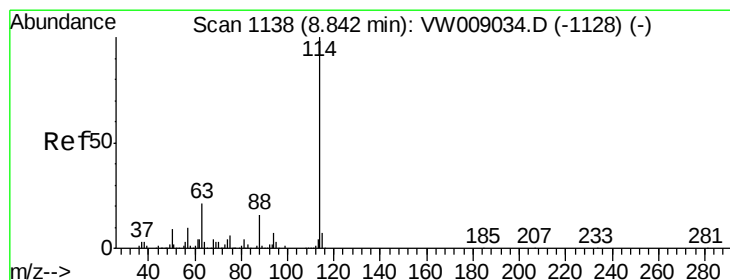
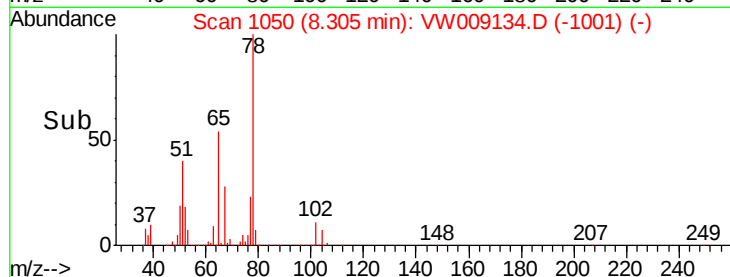
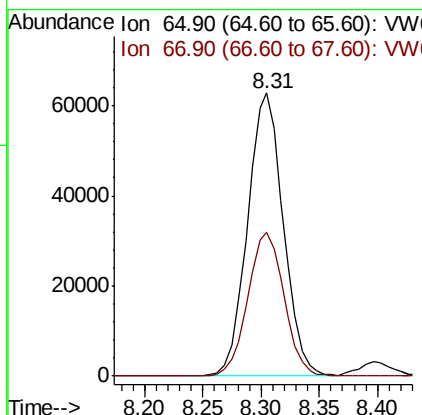
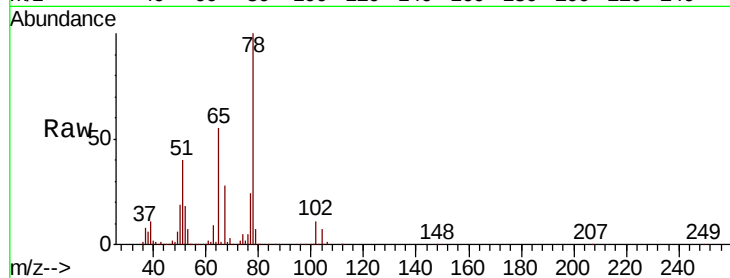




#33
 1,2-Dichloroethane-d4
 Concen: 56.982 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

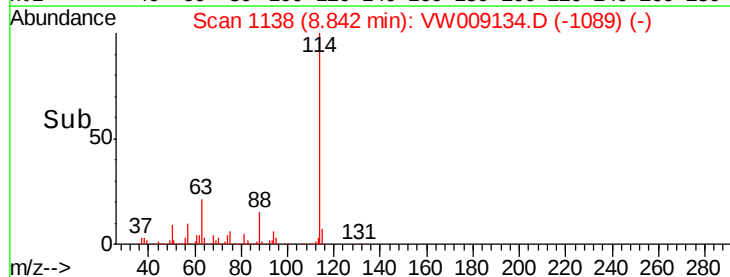
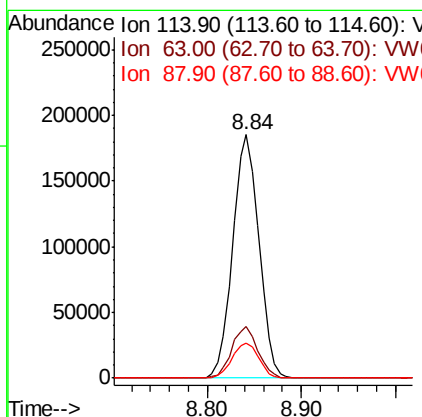
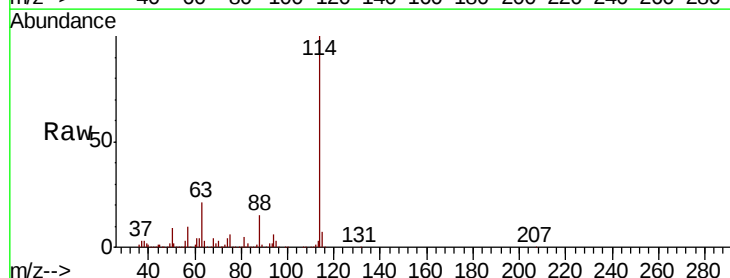
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

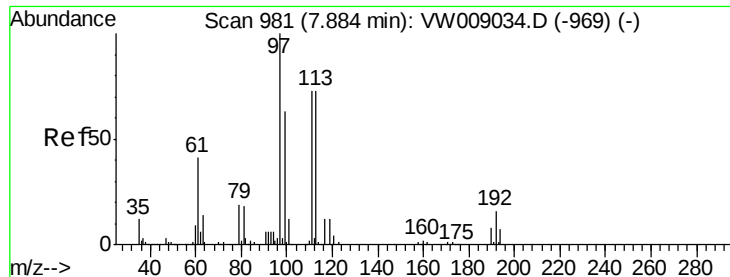
Tgt Ion: 65 Resp: 134520
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 114 Resp: 358974
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 14.5 0.0 31.2

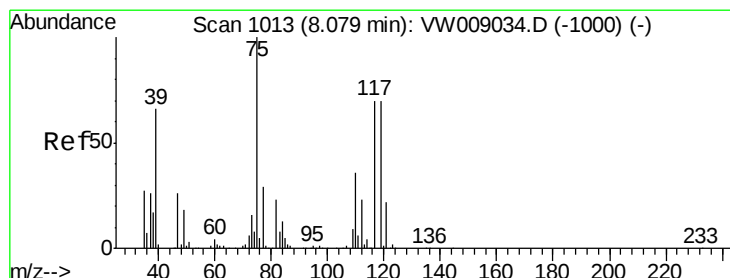
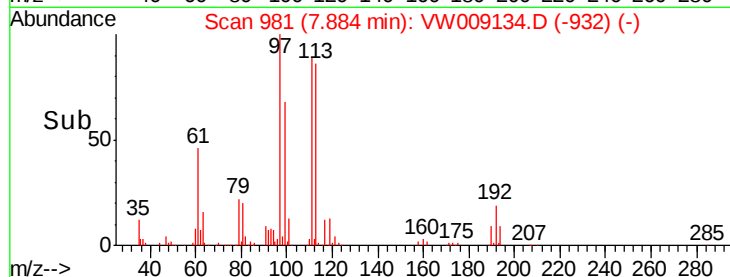
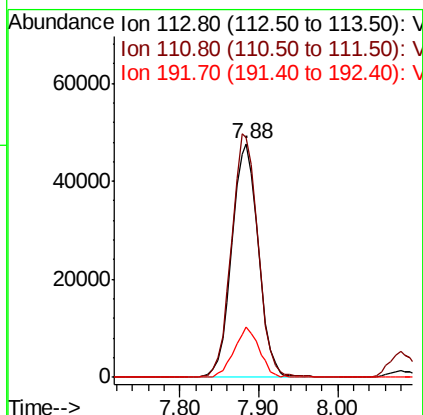
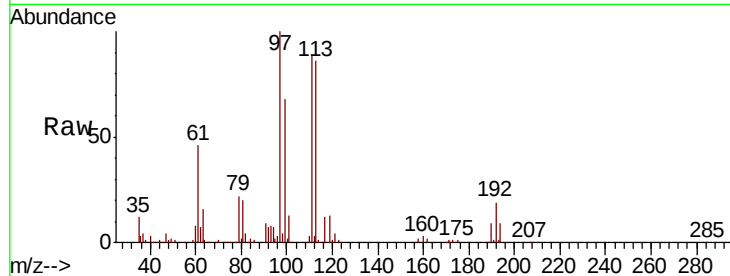




#35
 Dibromofluoromethane
 Concen: 51.555 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

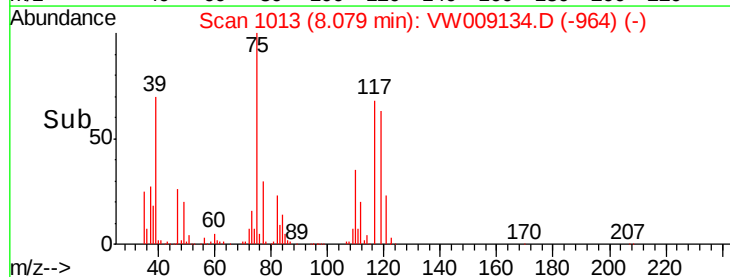
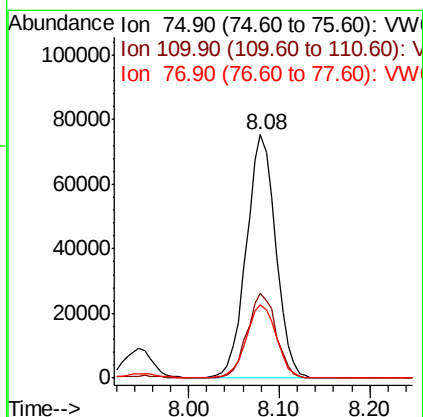
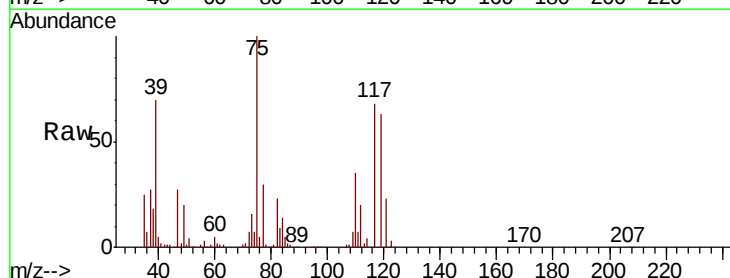
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

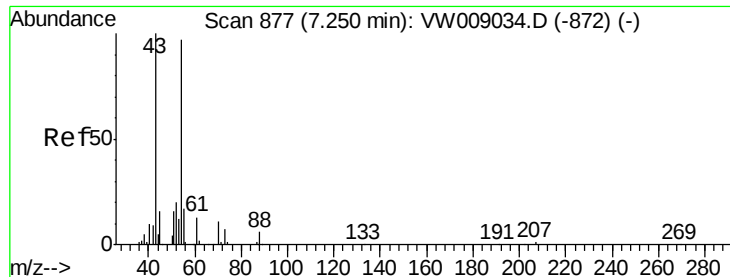
Tgt Ion:113 Resp: 111428
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.0 121.4
 192 20.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 44.893 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 75 Resp: 168505
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.6 52.9
 77 31.0 25.1 37.7

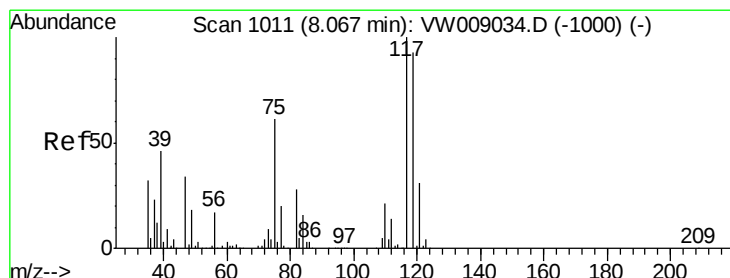
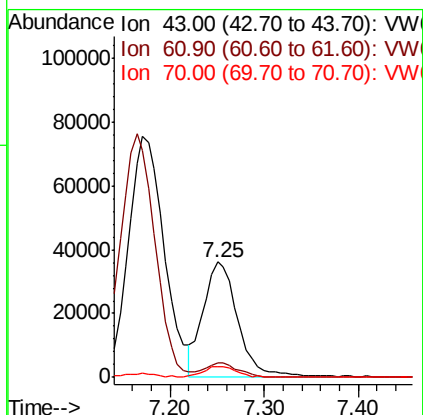
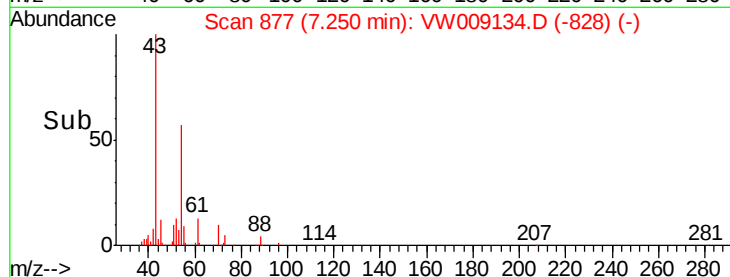
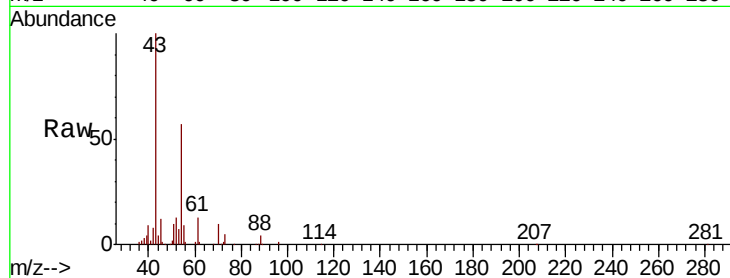




#37
Ethyl Acetate
Concen: 51.791 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

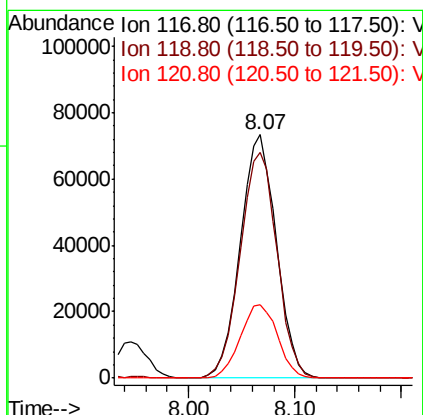
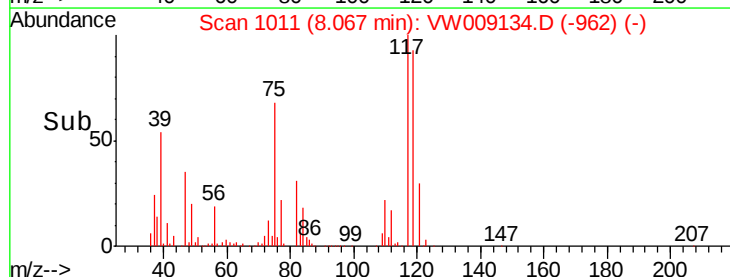
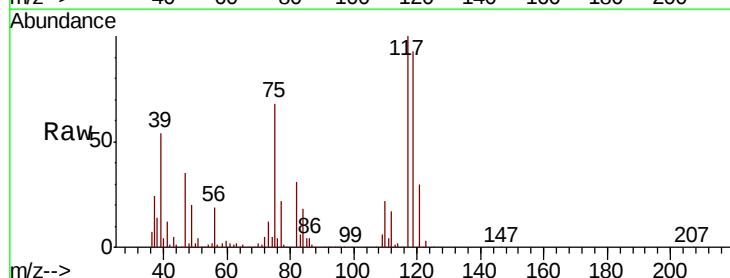
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

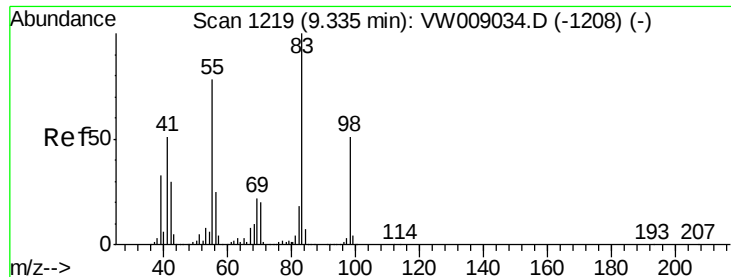
Tgt Ion: 43 Resp: 91310
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.6
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 45.100 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 117 Resp: 174825
Ion Ratio Lower Upper
117 100
119 92.8 74.6 112.0
121 30.3 24.7 37.1

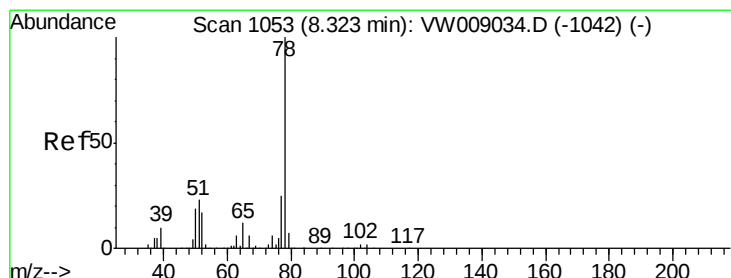
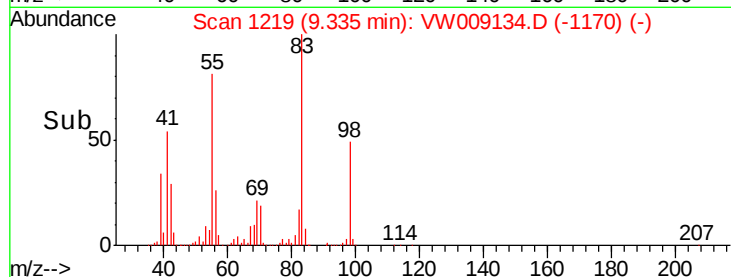
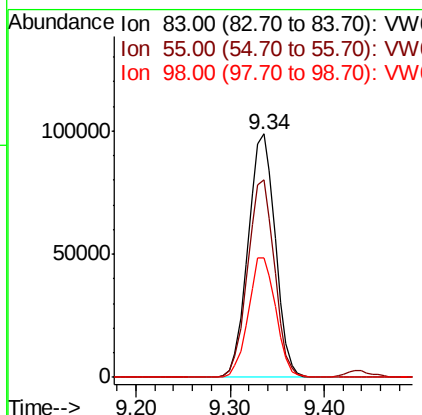
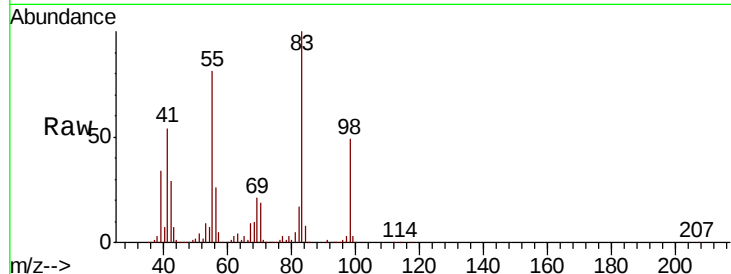




#39
Methylcyclohexane
Concen: 44.557 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

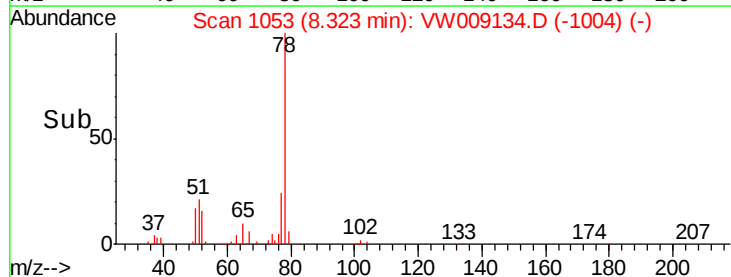
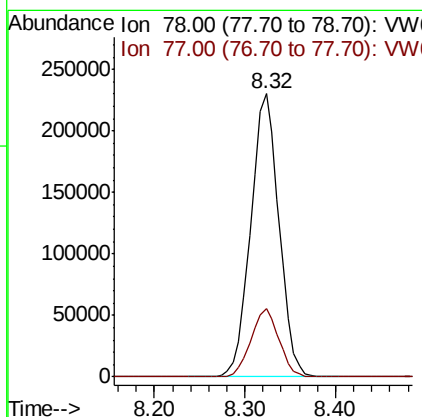
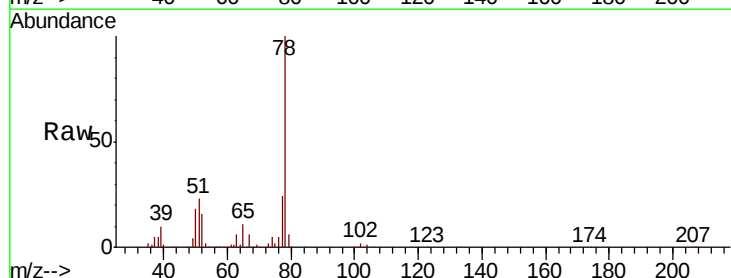
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

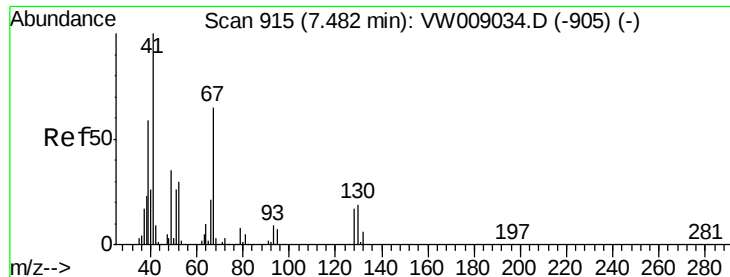
Tgt Ion: 83 Resp: 199199
Ion Ratio Lower Upper
83 100
55 80.9 62.7 94.1
98 49.1 40.8 61.2



#40
Benzene
Concen: 49.349 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 78 Resp: 494470
Ion Ratio Lower Upper
78 100
77 24.3 20.2 30.4

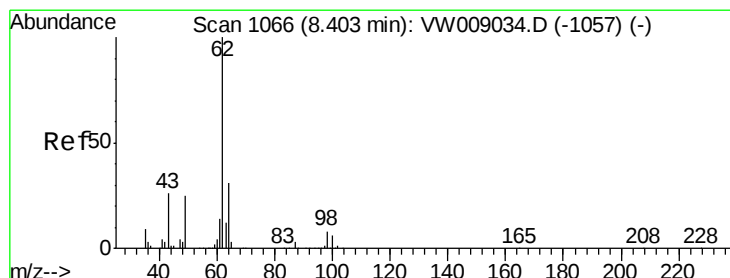
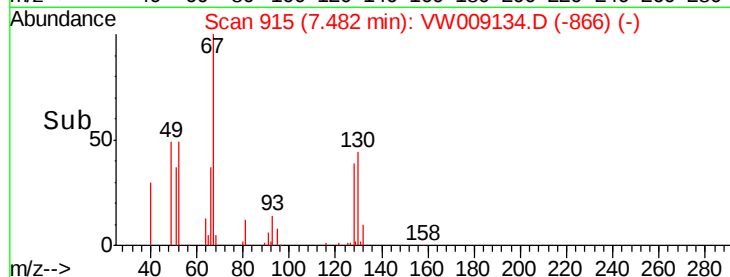
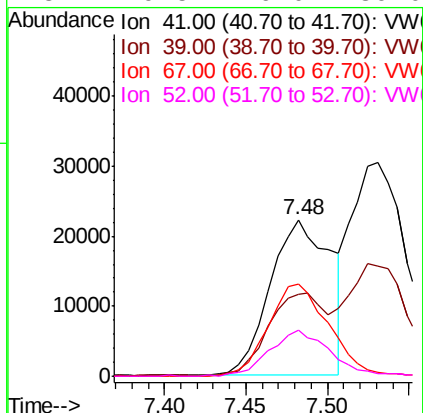
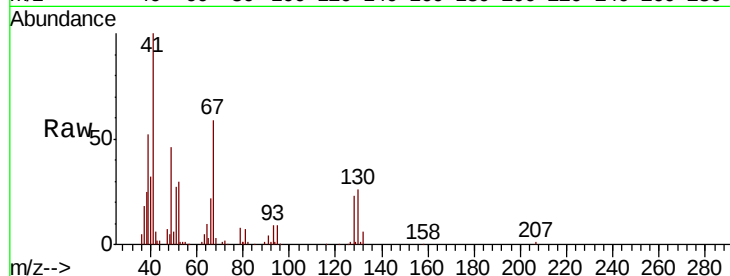




#41
Methacrylonitrile
Concen: 58.858 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

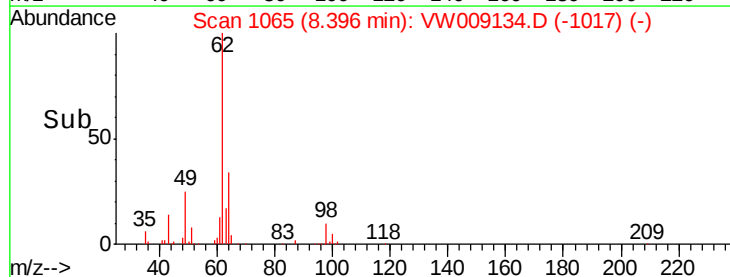
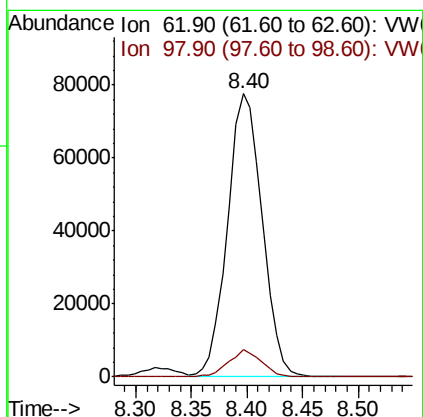
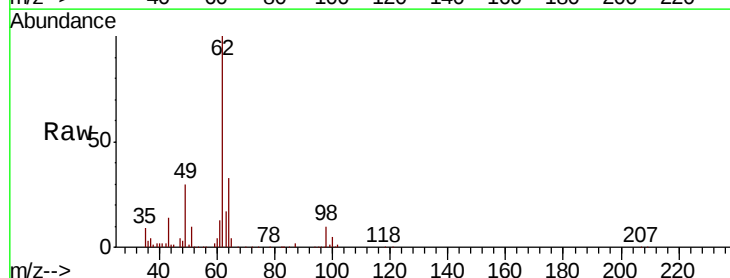
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

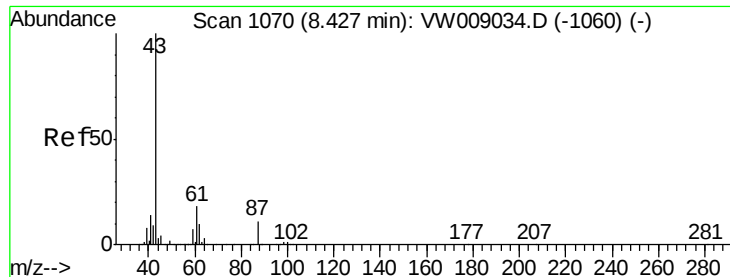
Tgt Ion:	41	Resp:	57625
Ion	Ratio	Lower	Upper
41	100		
39	49.1	53.6	80.4#
67	59.2	57.6	86.4
52	29.5	26.0	39.0



#42
1,2-Dichloroethane
Concen: 51.837 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion:	62	Resp:	167682
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 55.449 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

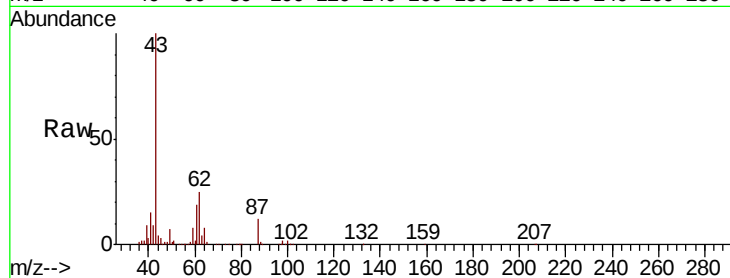
Tgt Ion: 43 Resp: 182074

Ion Ratio Lower Upper

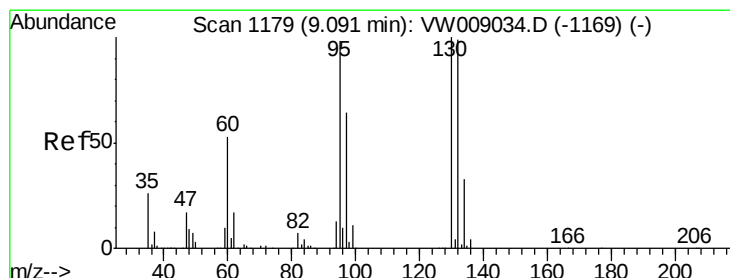
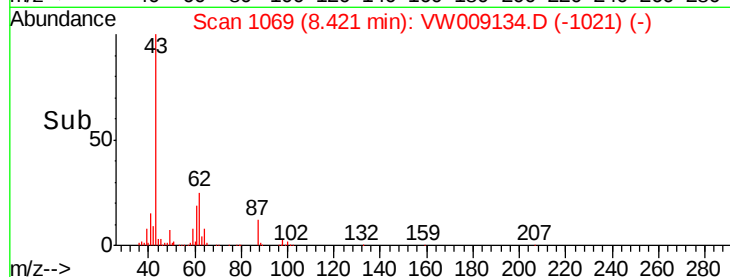
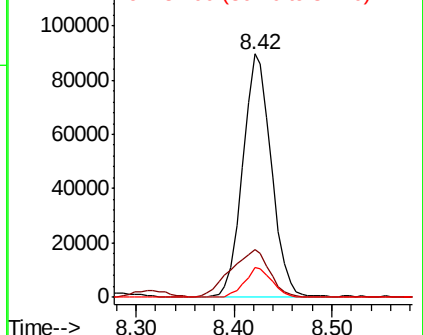
43 100

61 26.5 22.8 34.2

87 11.8 9.4 14.2



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



#44

Trichloroethene

Concen: 46.433 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009134.D

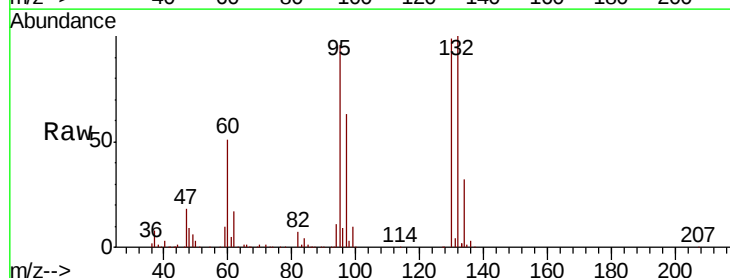
Acq: 13 Mar 2019 03:36

Tgt Ion: 130 Resp: 130397

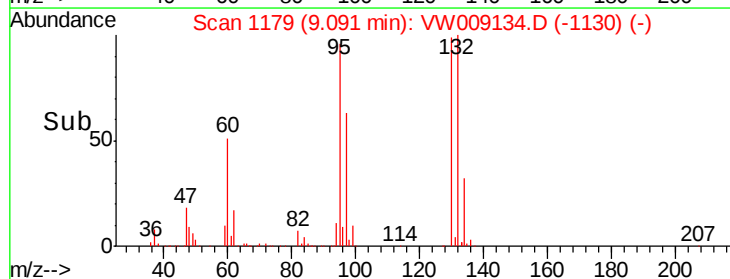
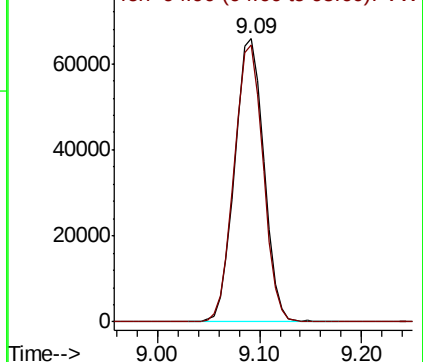
Ion Ratio Lower Upper

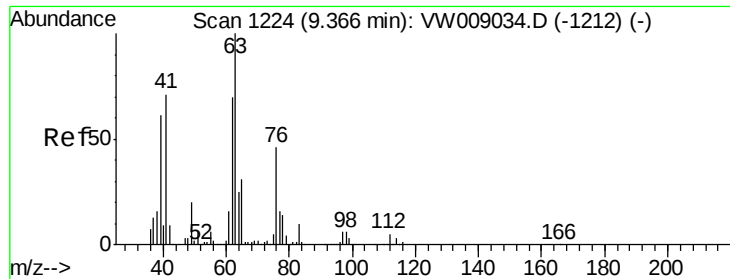
130 100

95 97.8 0.0 197.0



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

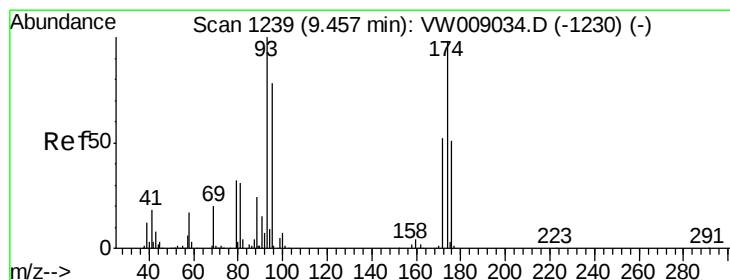
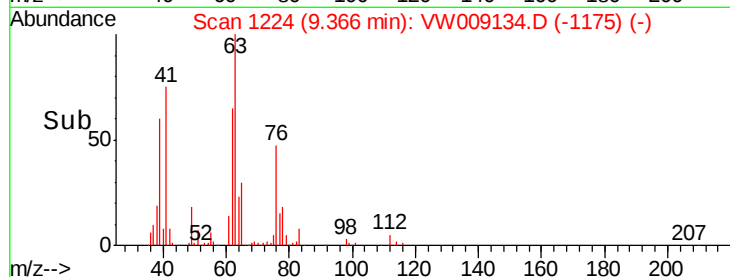
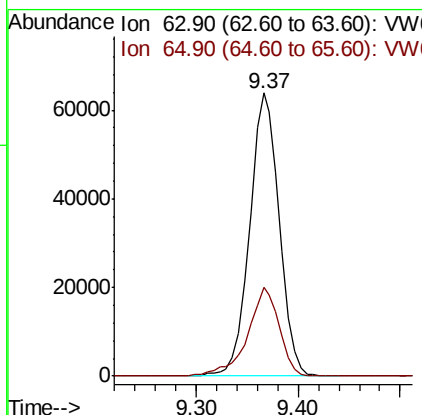
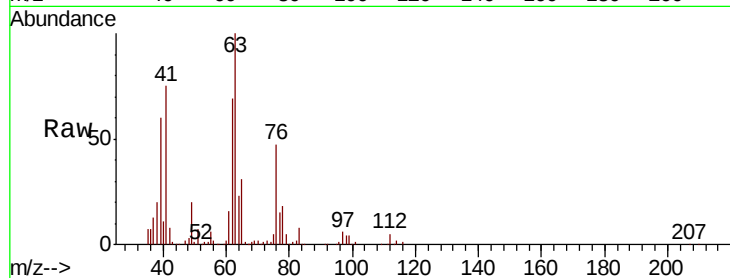




#45
 1,2-Dichloropropane
 Concen: 51.297 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

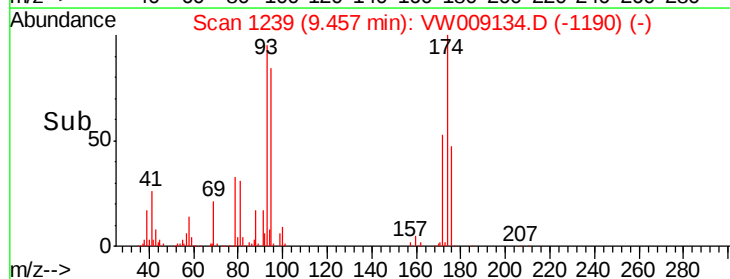
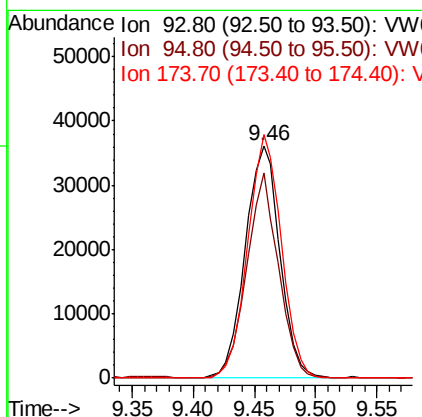
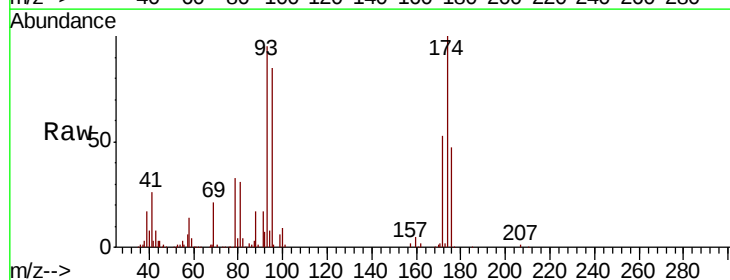
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

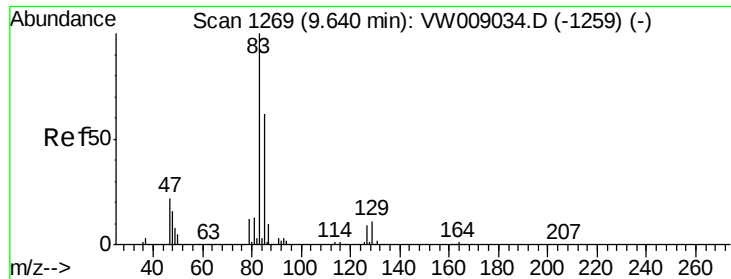
Tgt Ion: 63 Resp: 128731
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 52.048 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 93 Resp: 71334
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.0 97.6
 174 101.5 81.8 122.6

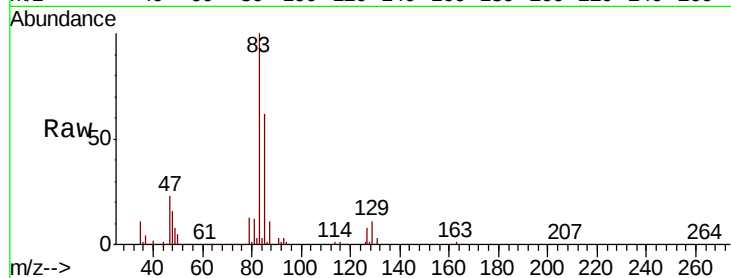




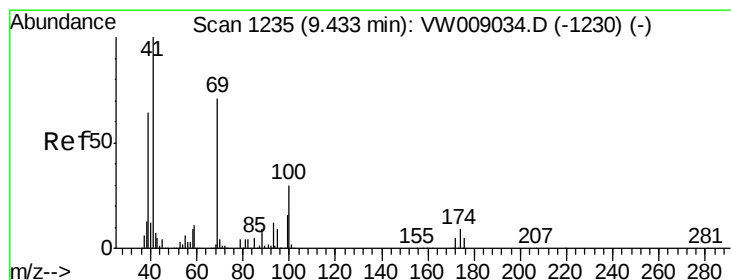
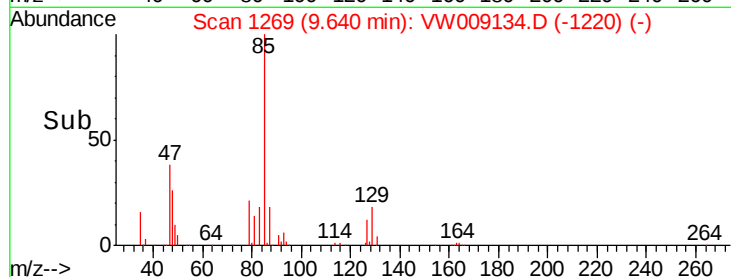
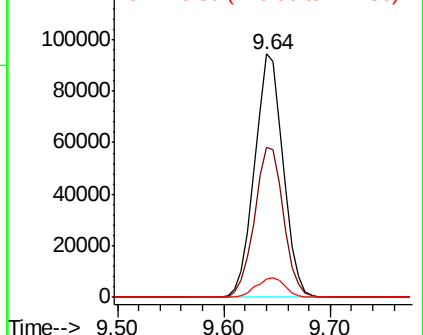
#47
Bromodichloromethane
Concen: 51.234 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 177749
Ion Ratio Lower Upper
83 100
85 61.8 49.9 74.9
127 7.6 7.1 10.7

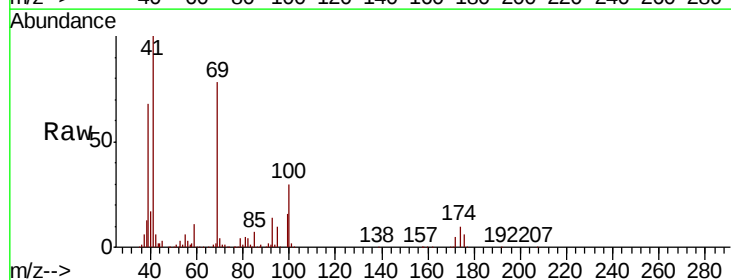


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

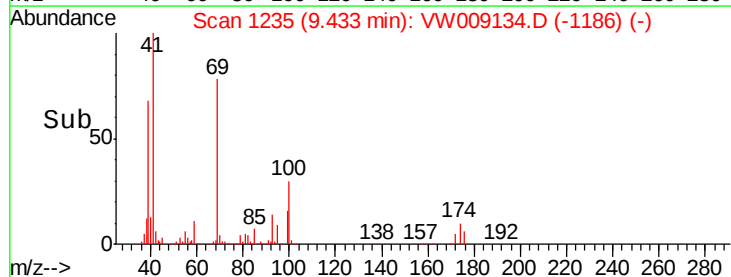
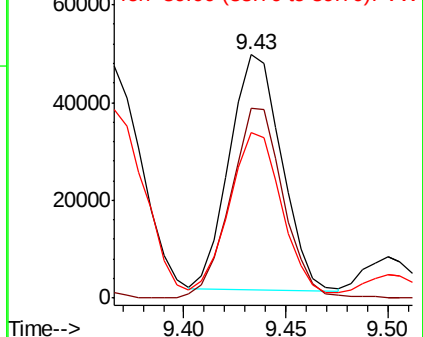


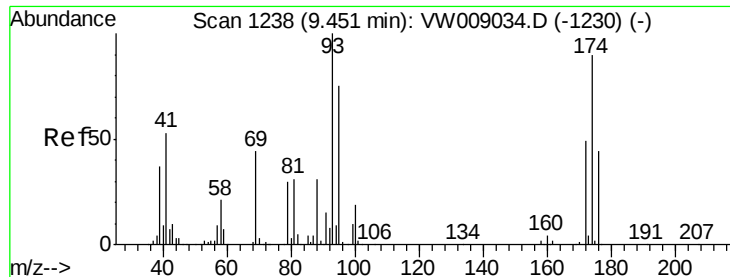
#48
Methyl methacrylate
Concen: 55.727 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 41 Resp: 85206
Ion Ratio Lower Upper
41 100
69 82.0 59.1 88.7
39 68.1 48.9 73.3



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: 1160.305 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

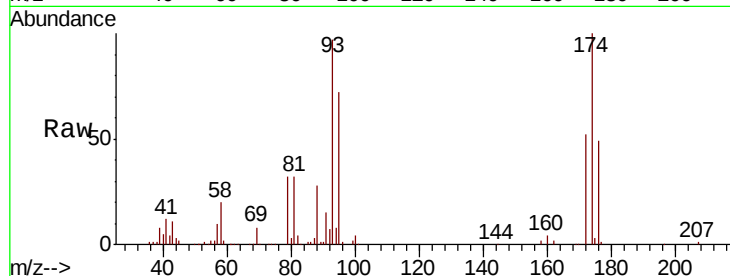
Tgt Ion: 88 Resp: 22772

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

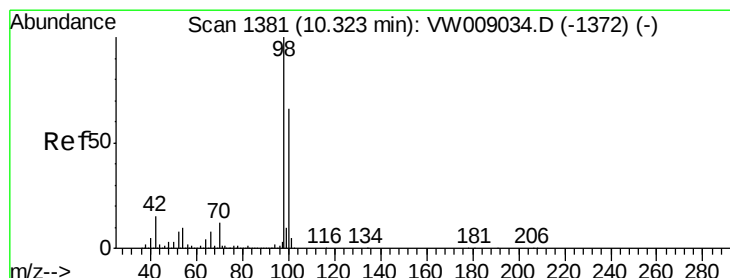
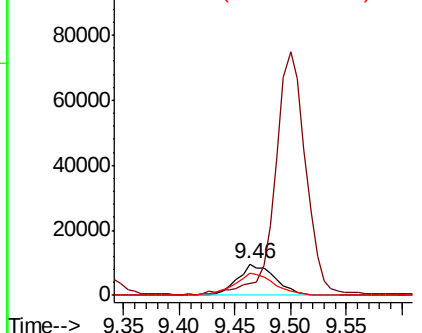
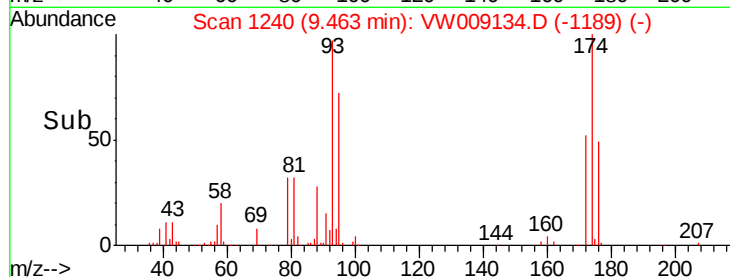
58 74.9 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.094 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009134.D

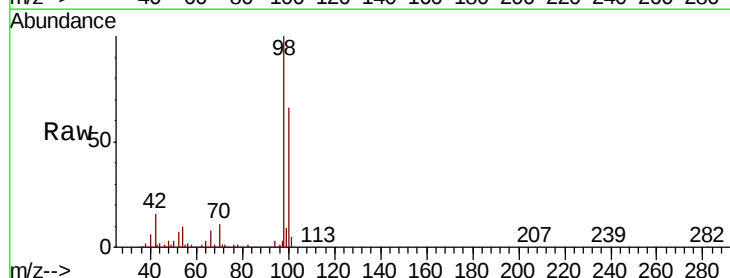
Acq: 13 Mar 2019 03:36

Tgt Ion: 98 Resp: 471311

Ion Ratio Lower Upper

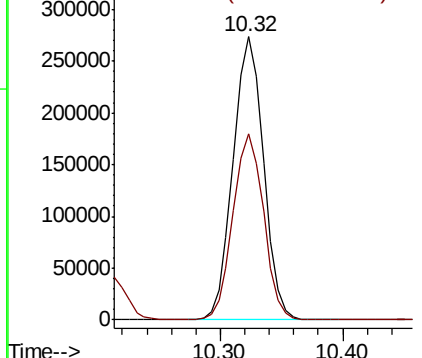
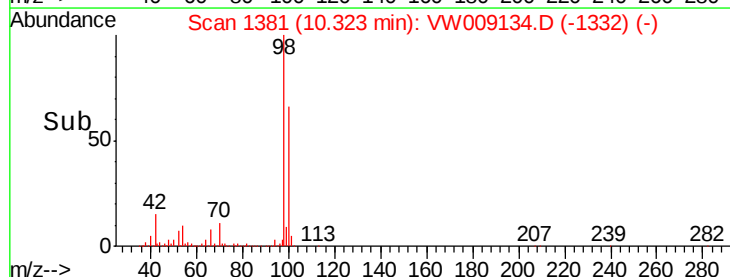
98 100

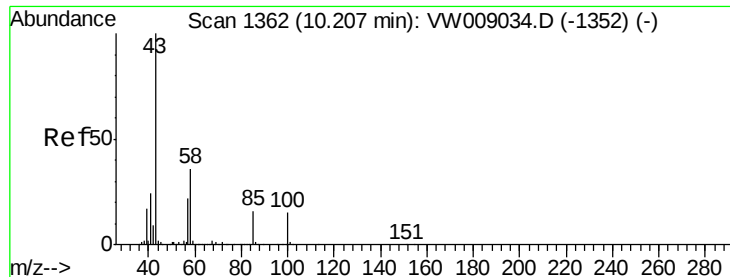
100 66.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

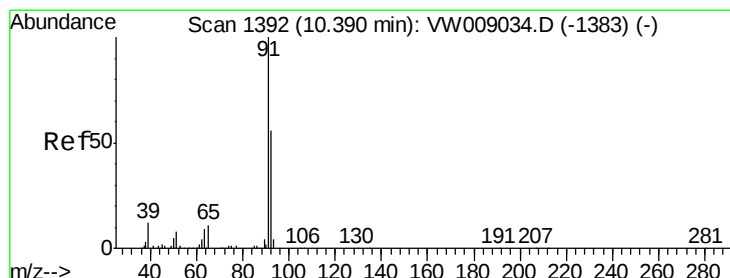
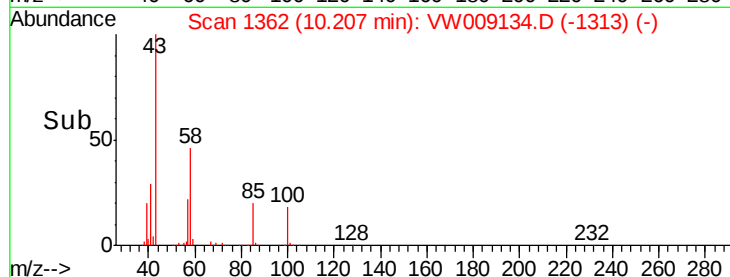
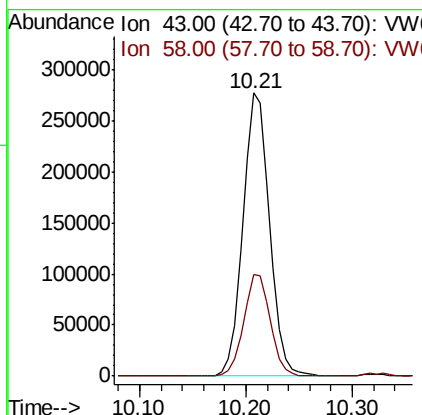
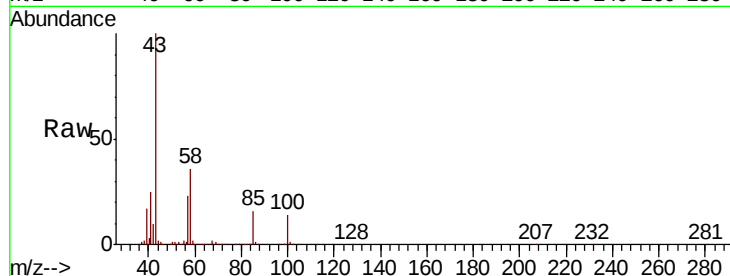




#51
4-Methyl-2-Pentanone
Concen: 291.210 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

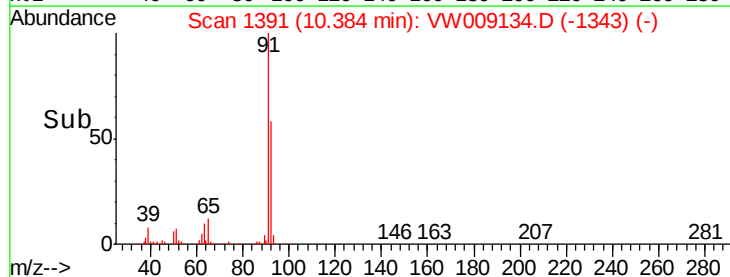
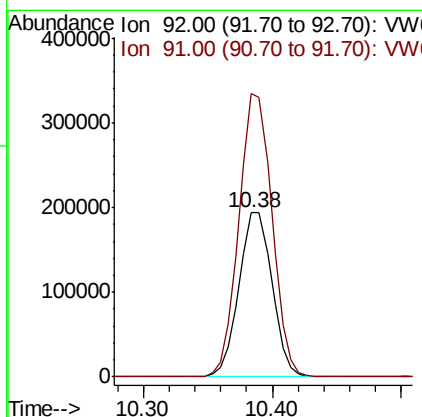
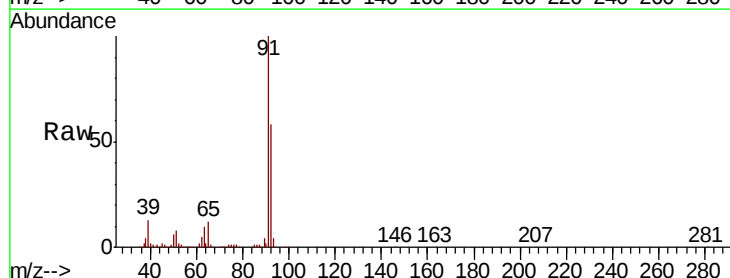
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

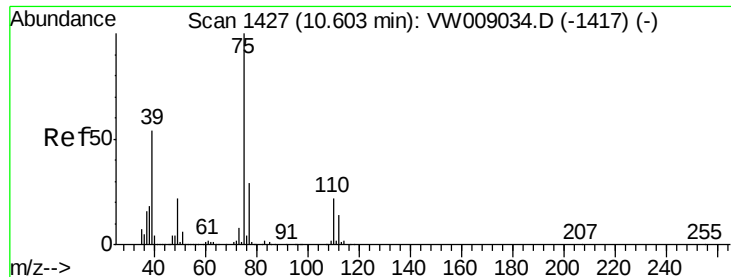
Tgt Ion: 43 Resp: 485448
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2



#52
Toluene
Concen: 51.042 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 92 Resp: 346847
Ion Ratio Lower Upper
92 100
91 172.2 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 51.826 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

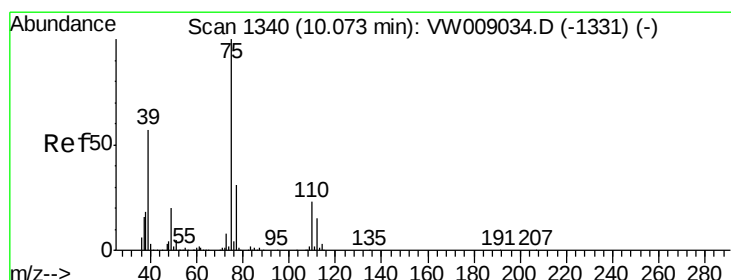
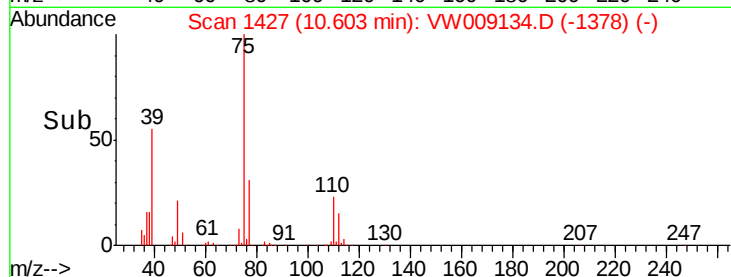
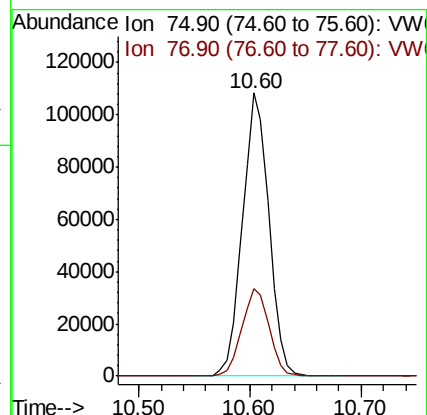
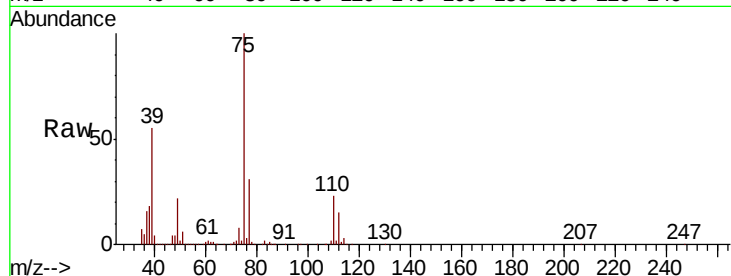
VSTDCCC050

Tgt Ion: 75 Resp: 177831

Ion Ratio Lower Upper

75 100

77 30.7 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 49.962 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

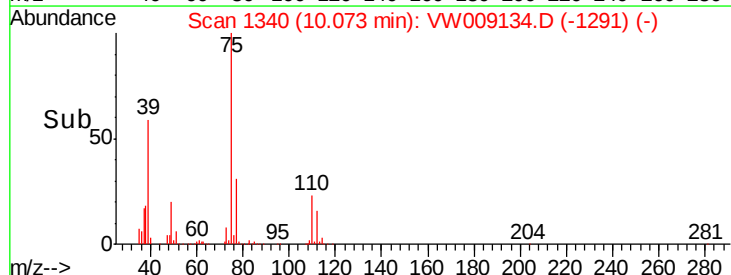
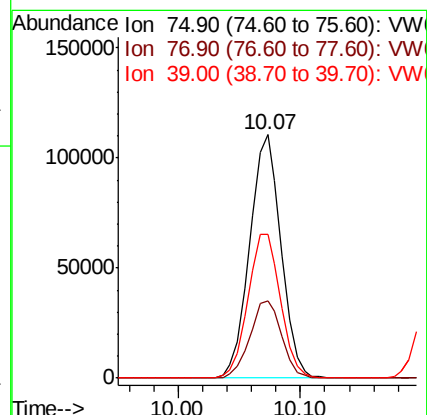
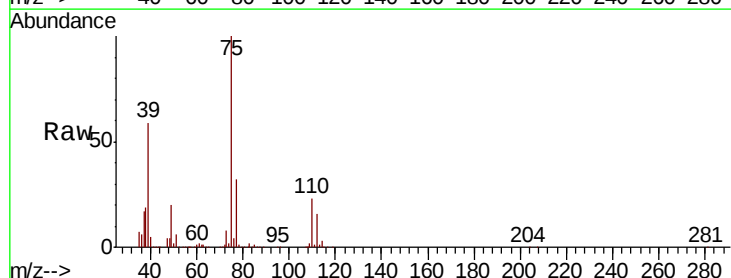
Tgt Ion: 75 Resp: 197005

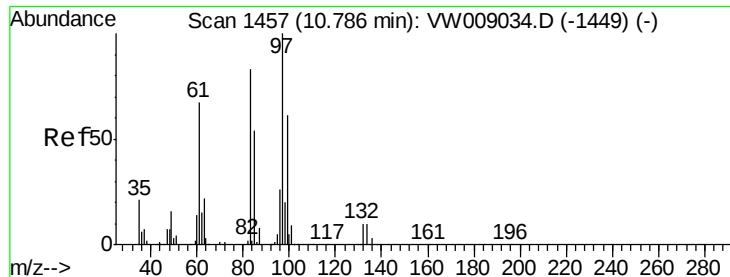
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 58.8 45.9 68.9

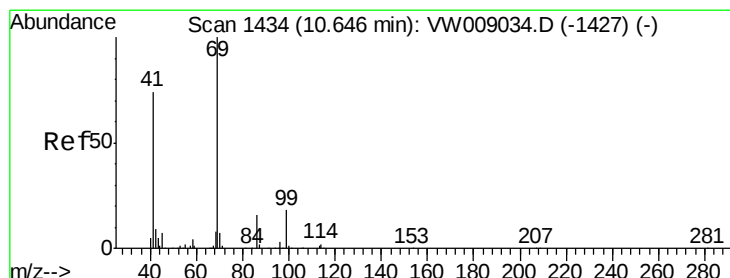
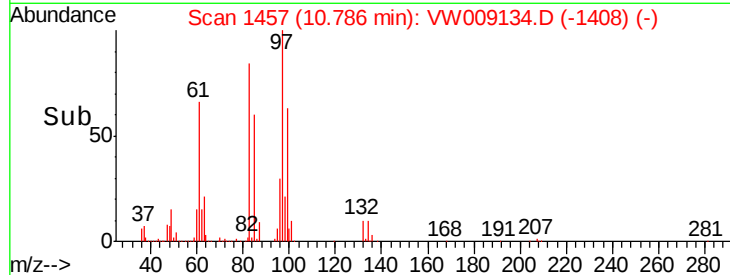
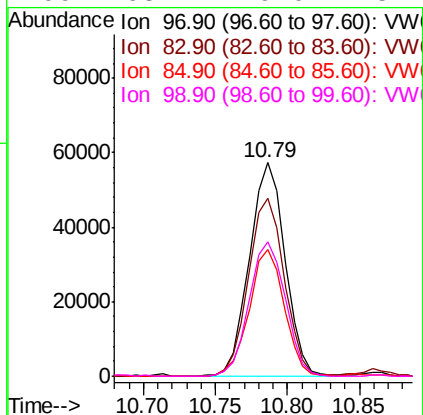
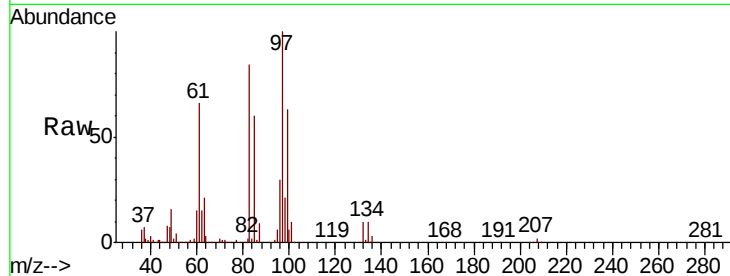




#55
 1,1,2-Trichloroethane
 Concen: 52.852 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

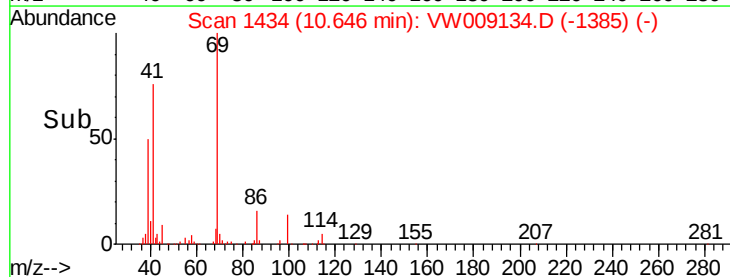
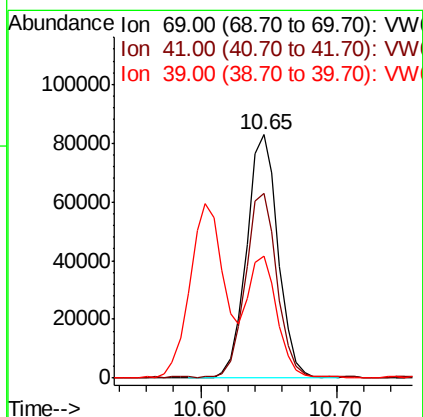
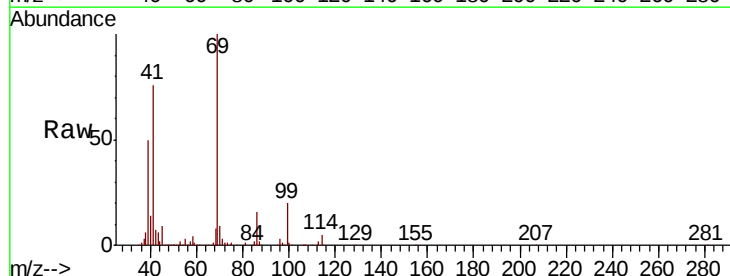
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

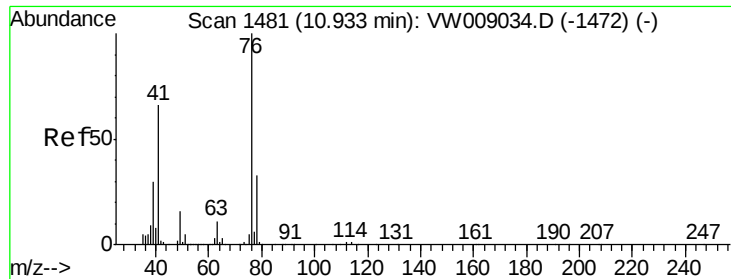
Tgt Ion:	97	Resp:	98178
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.2	99.2
85	59.5	43.6	65.4
99	63.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 58.250 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion:	69	Resp:	134293
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.4	89.2
39	46.3	38.5	57.7

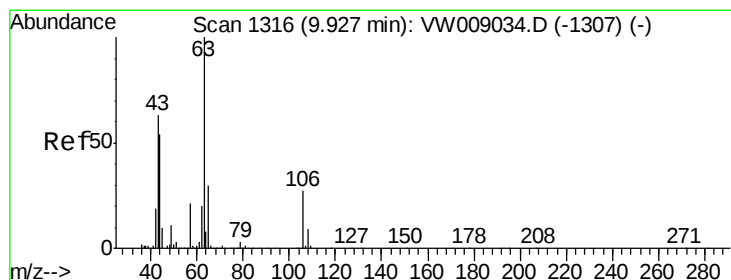
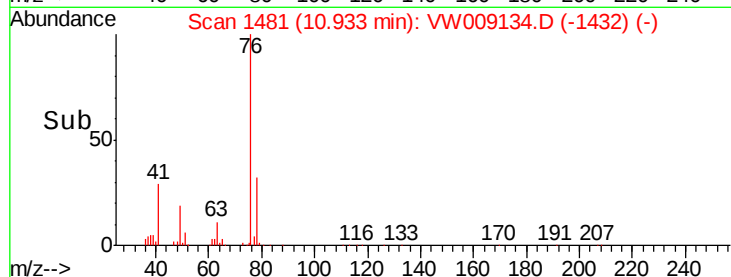
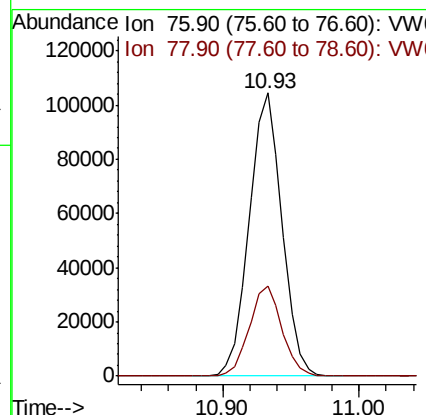
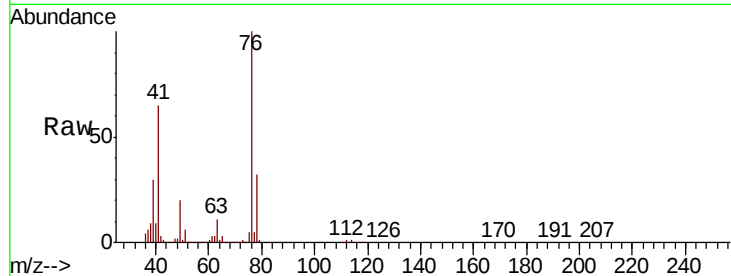




#57
 1,3-Dichloropropane
 Concen: 53.495 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

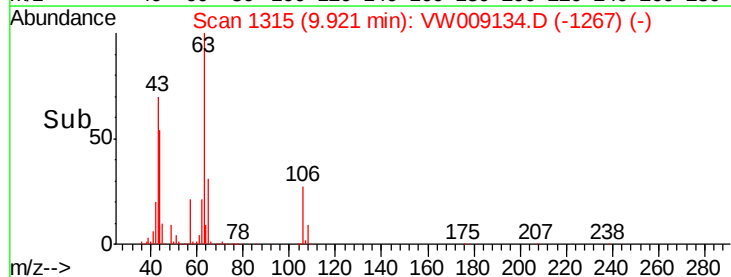
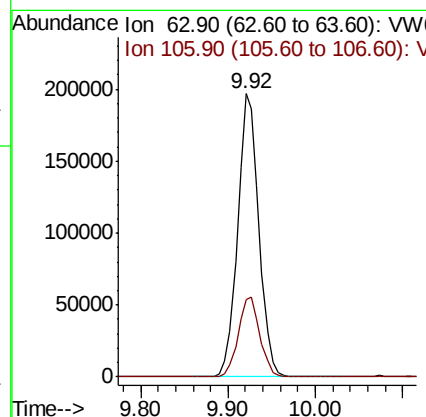
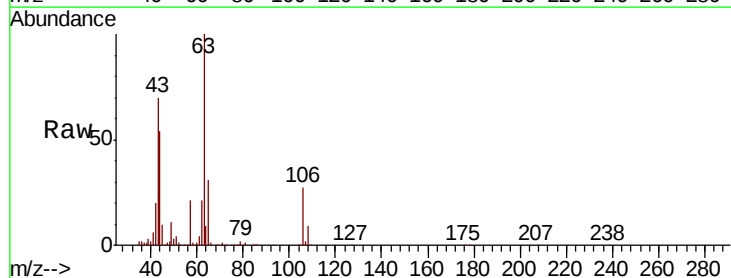
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

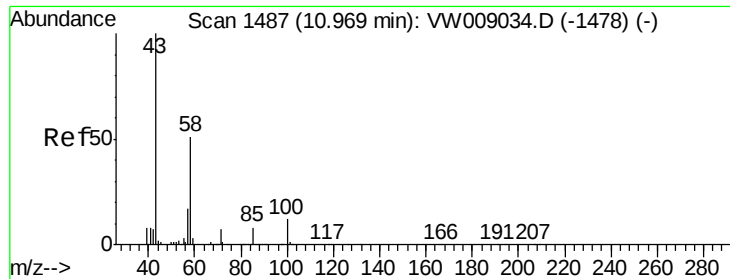
Tgt Ion: 76 Resp: 176038
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.620 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 63 Resp: 331802
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.0 34.6

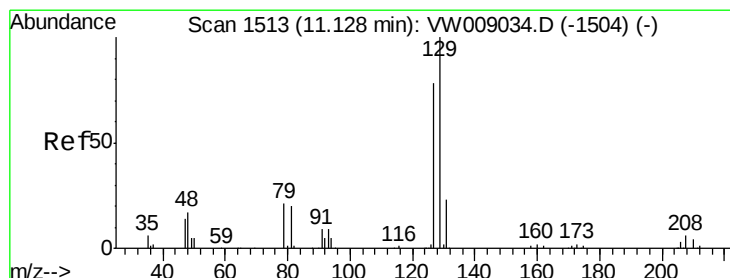
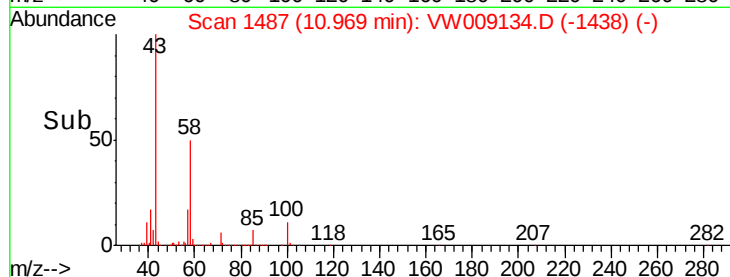
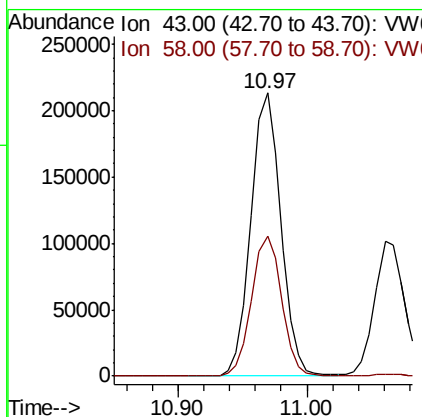
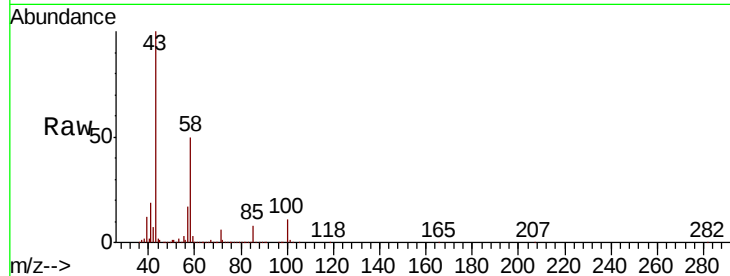




#59
2-Hexanone
Concen: 292.191 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

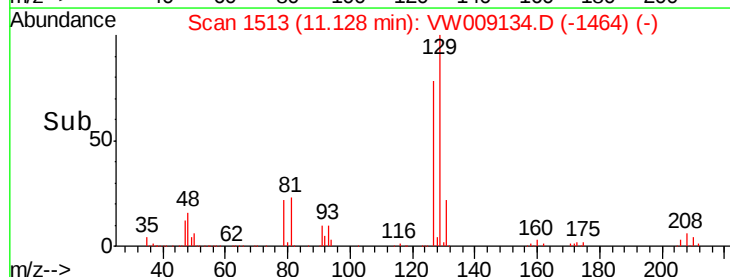
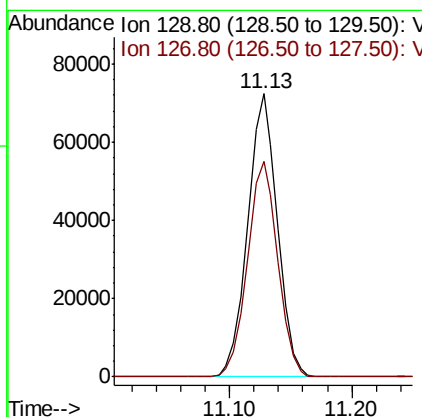
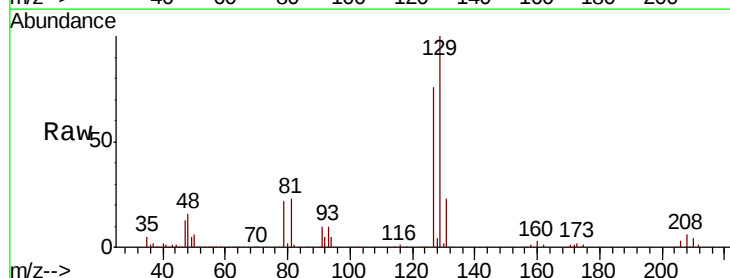
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

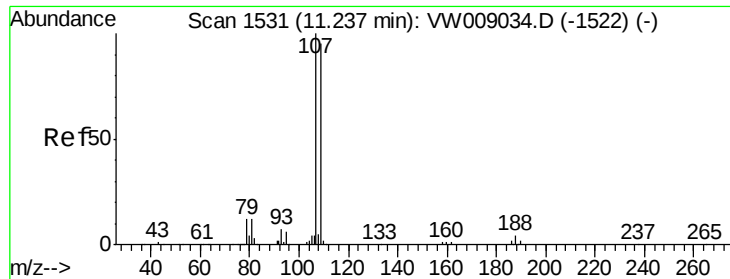
Tgt Ion: 43 Resp: 342461
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.9



#60
Dibromochloromethane
Concen: 53.286 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 129 Resp: 122498
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.371 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

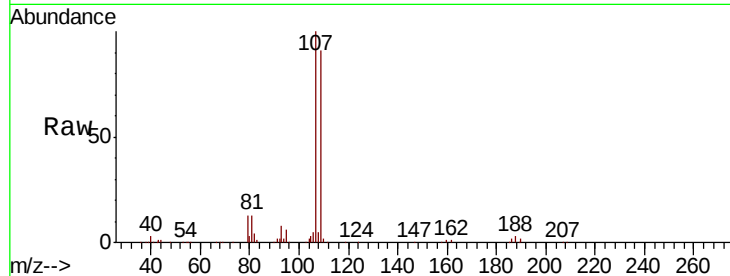
VSTDCCC050

Tgt Ion: 107 Resp: 95372

Ion Ratio Lower Upper

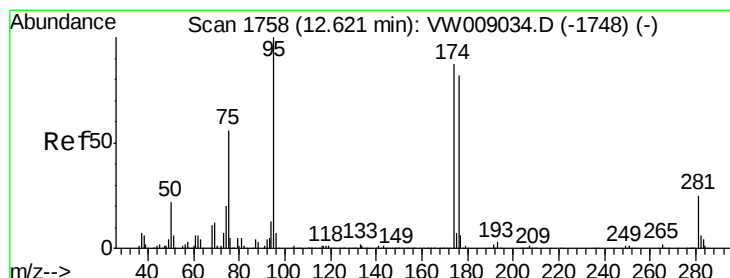
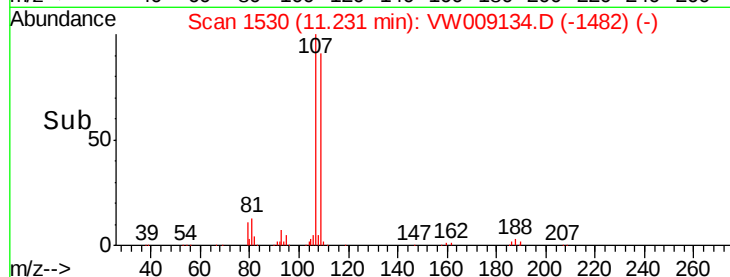
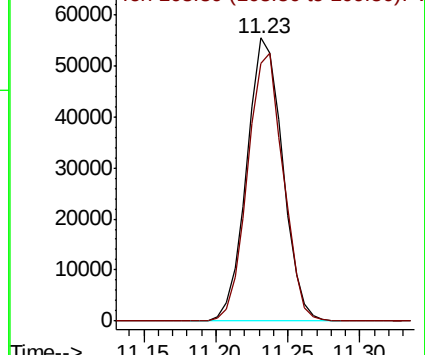
107 100

109 93.8 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.519 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

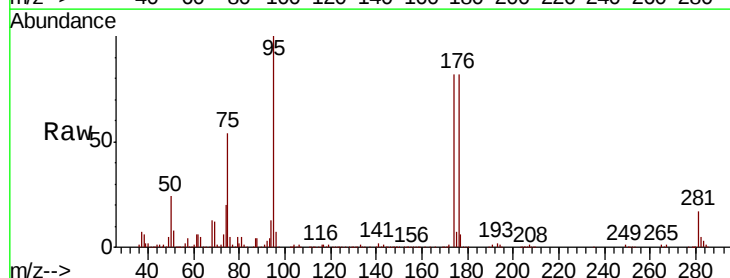
Tgt Ion: 95 Resp: 183529

Ion Ratio Lower Upper

95 100

174 82.7 0.0 167.0

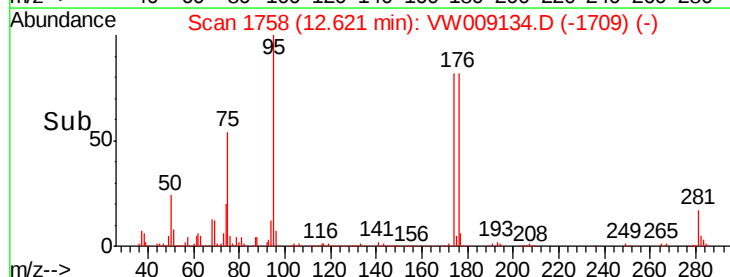
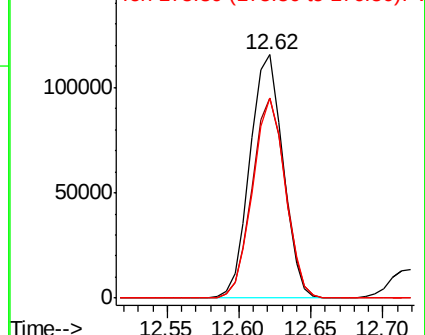
176 81.1 0.0 159.4

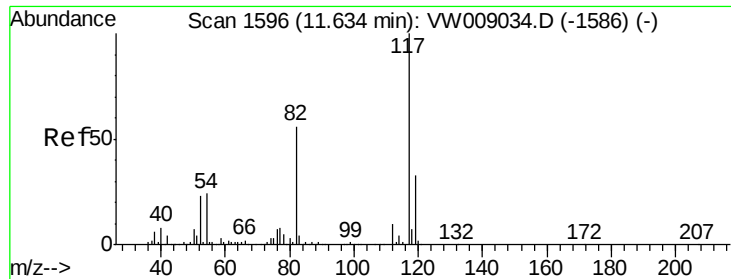


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

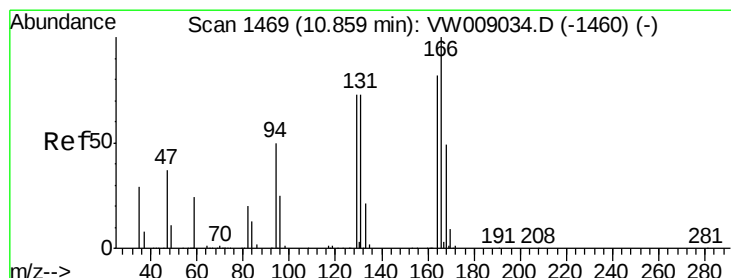
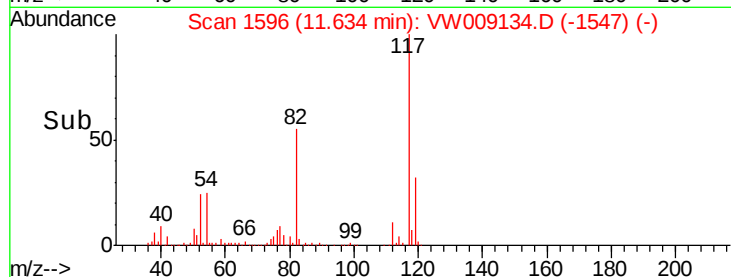
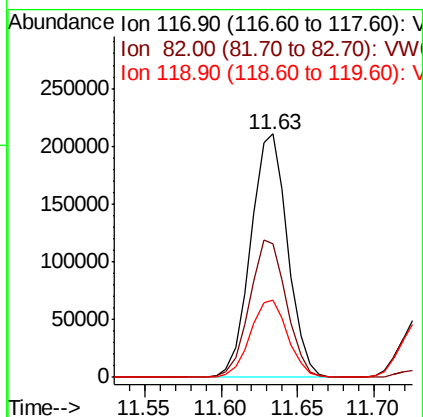
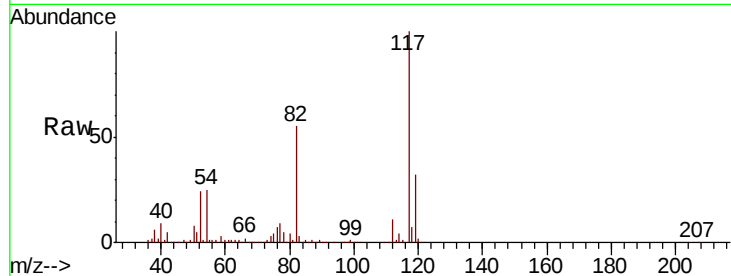




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

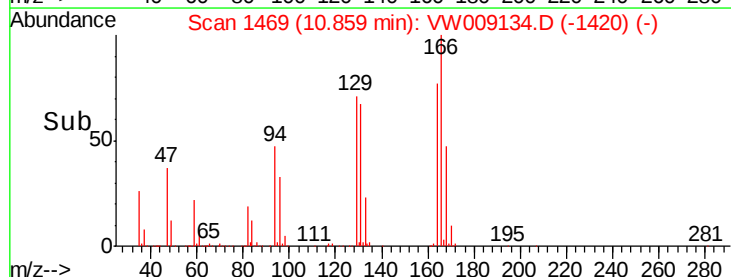
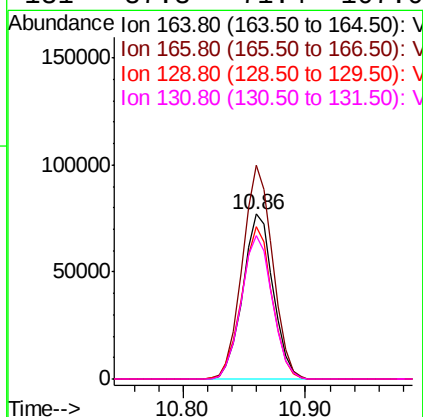
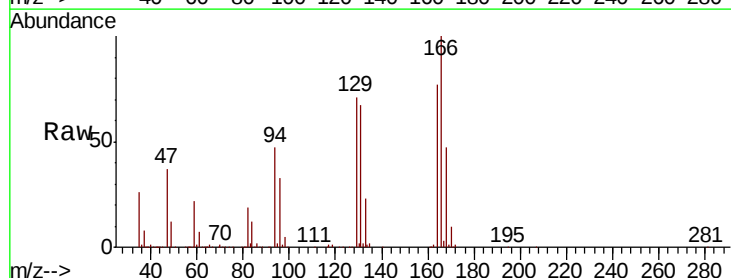
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

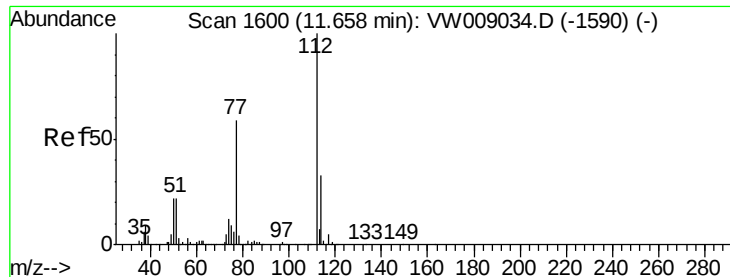
Tgt Ion:117 Resp: 353015
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 52.034 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion:164 Resp: 132467
Ion Ratio Lower Upper
164 100
166 129.6 97.8 146.6
129 92.4 71.6 107.4
131 87.3 71.4 107.0

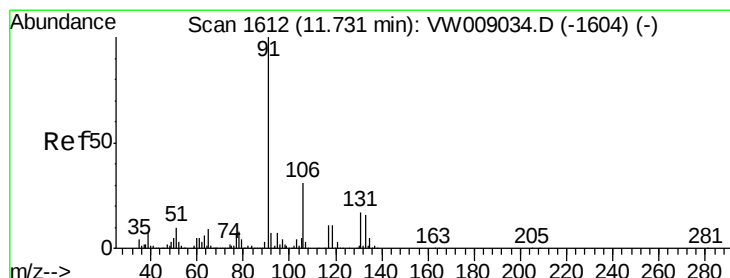
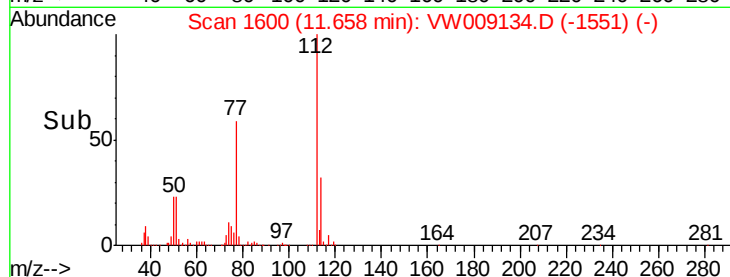
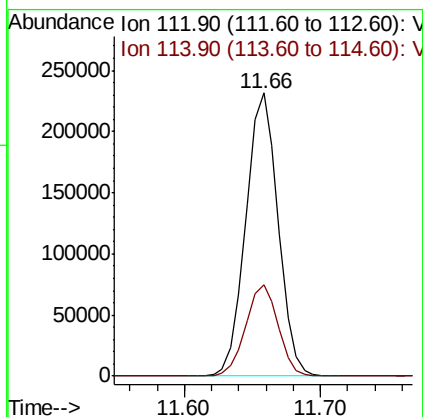
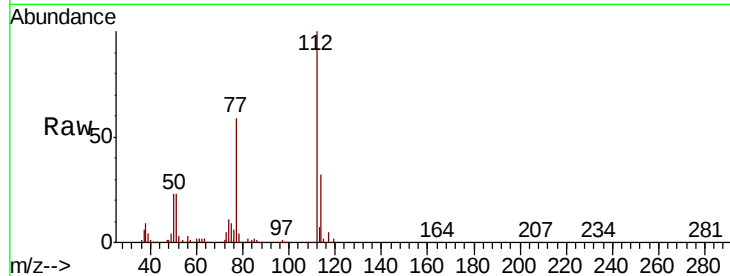




#65
Chlorobenzene
Concen: 50.146 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

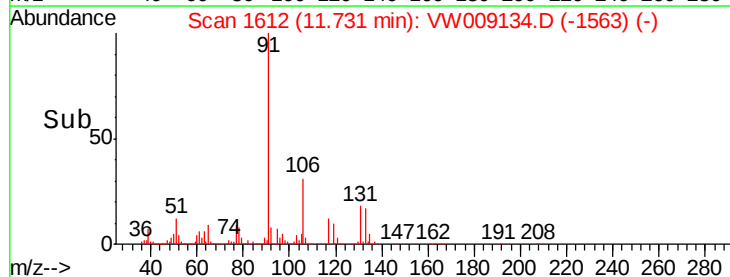
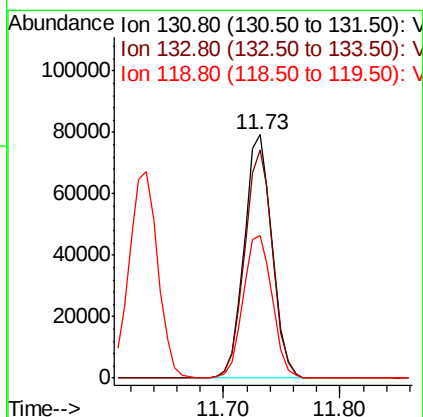
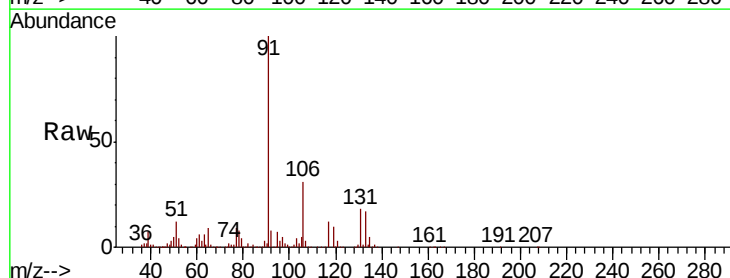
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

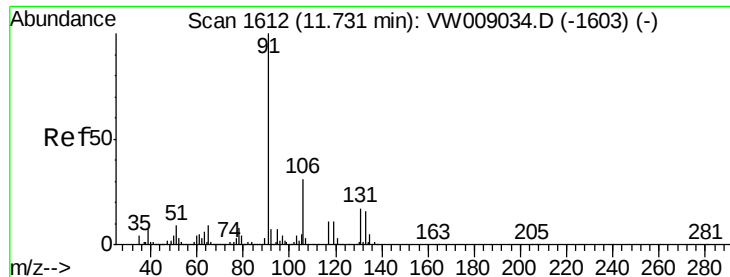
Tgt Ion:112 Resp: 385309
Ion Ratio Lower Upper
112 100
114 32.3 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion:131 Resp: 132166
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.8
119 61.1 31.3 93.8

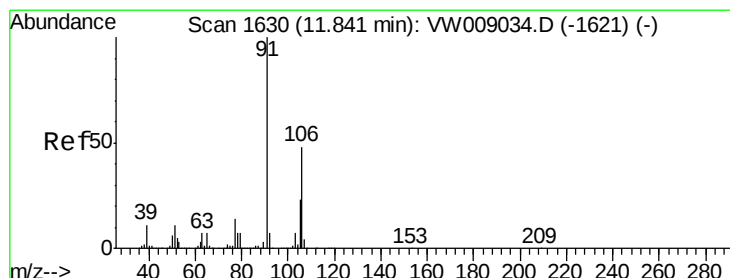
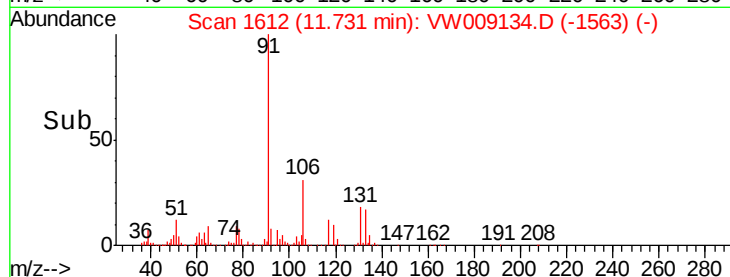
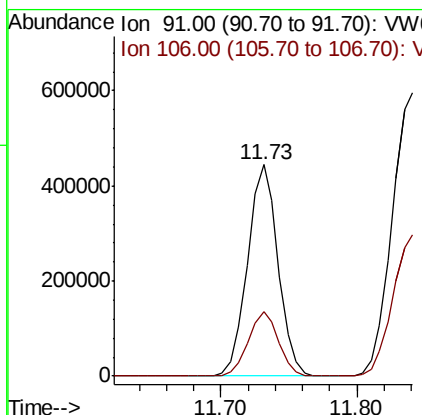
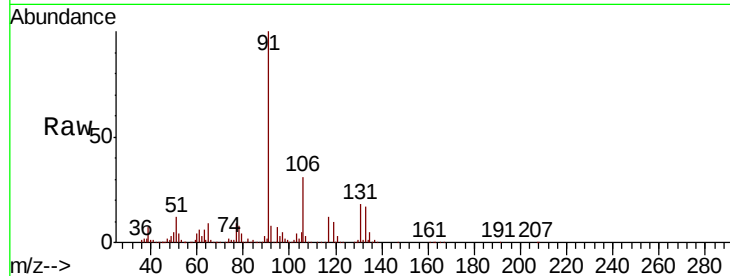




#67
Ethyl Benzene
Concen: 50.212 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

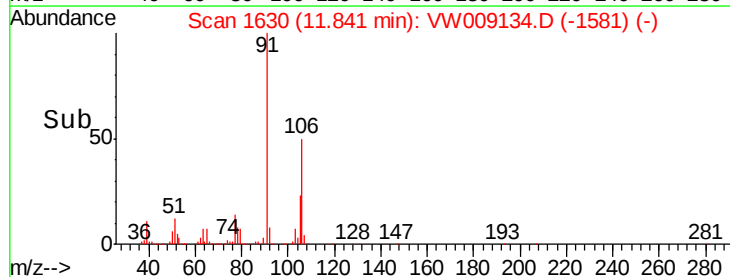
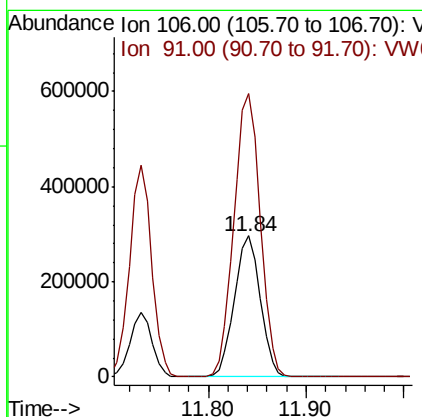
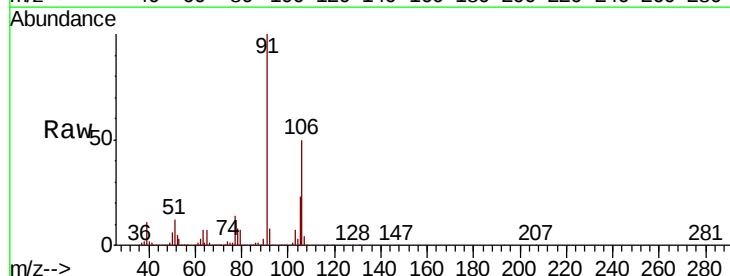
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

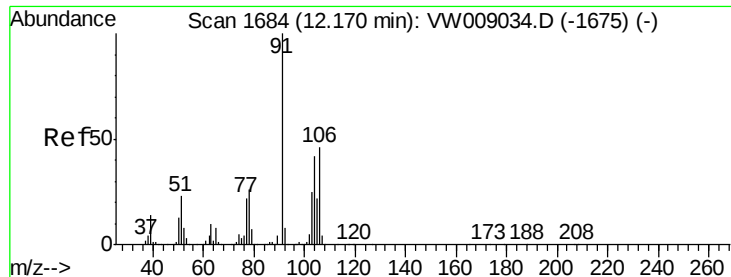
Tgt Ion: 91 Resp: 697004
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4



#68
m/p-Xylenes
Concen: 99.432 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion: 106 Resp: 544798
Ion Ratio Lower Upper
106 100
91 204.3 163.2 244.8

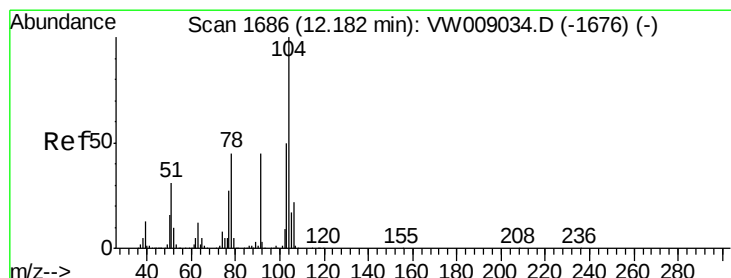
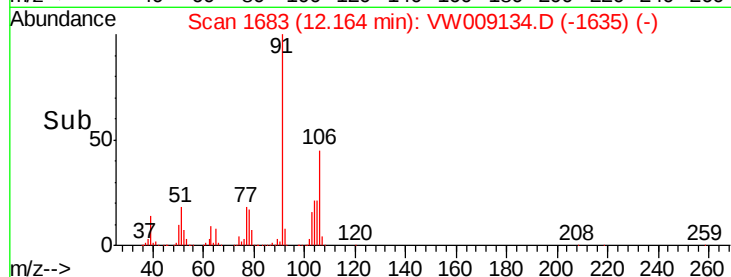
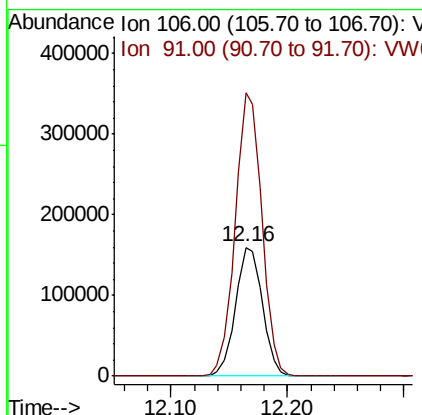
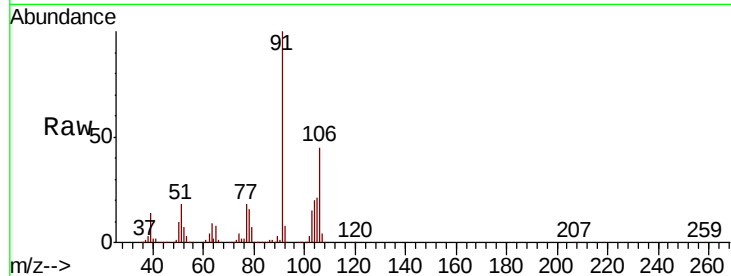




#69
o-Xylene
Concen: 50.479 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

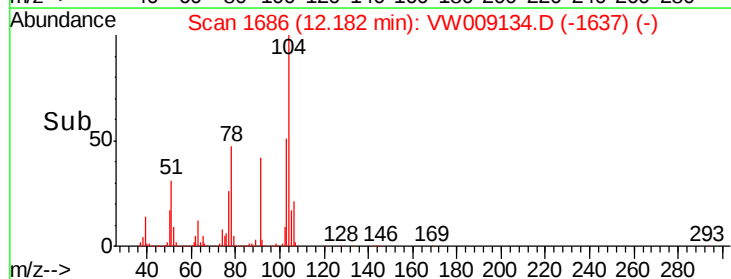
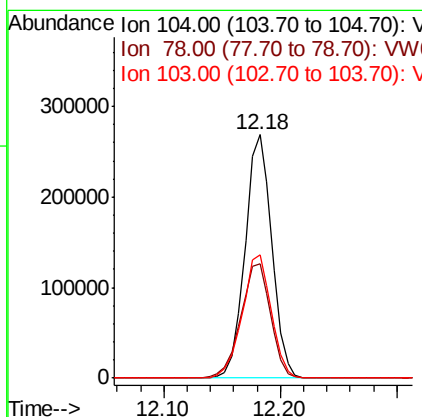
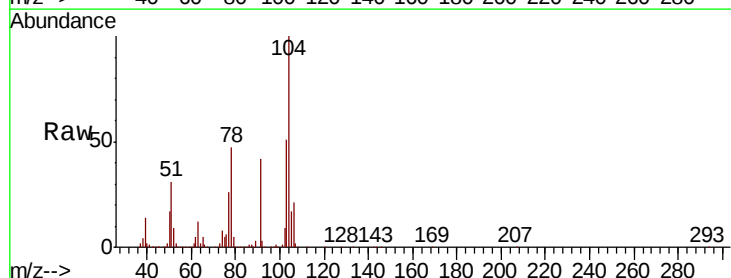
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

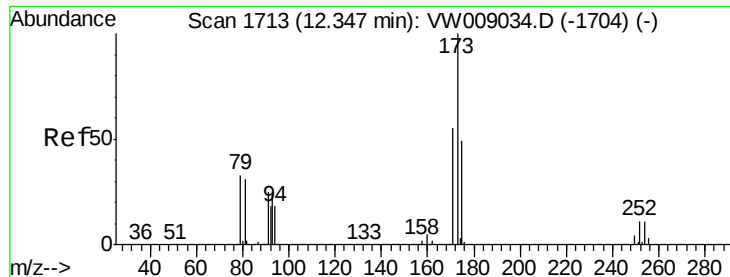
Tgt Ion:106 Resp: 257343
Ion Ratio Lower Upper
106 100
91 217.8 108.6 325.6



#70
Styrene
Concen: 52.200 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion:104 Resp: 430563
Ion Ratio Lower Upper
104 100
78 52.7 42.1 63.1
103 54.9 43.9 65.9





#71

Bromoform

Concen: 55.214 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

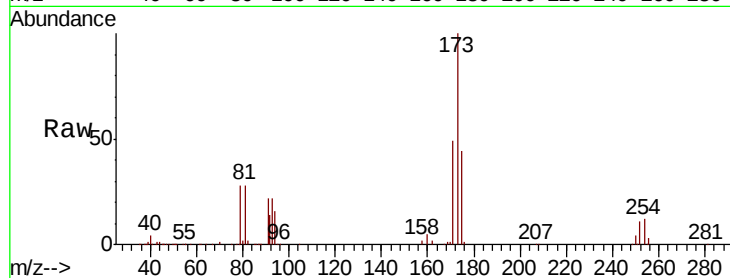
Tgt Ion:173 Resp: 76061

Ion Ratio Lower Upper

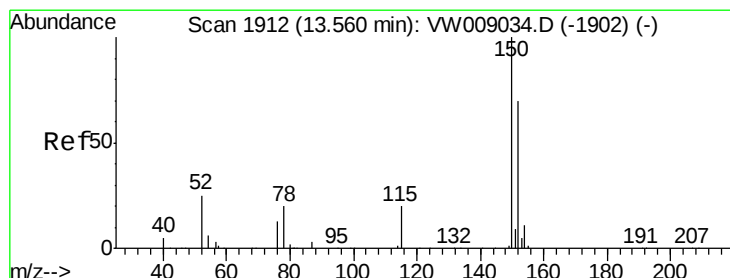
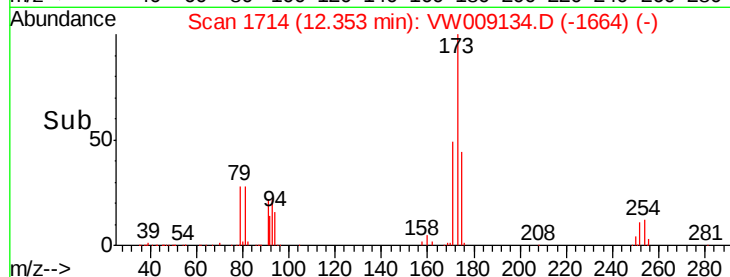
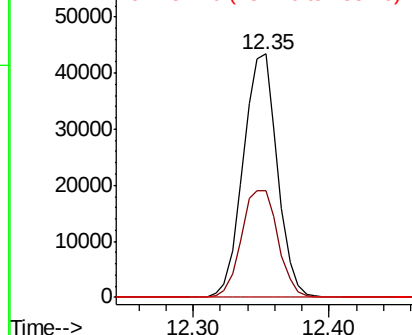
173 100

175 47.1 24.6 74.0

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

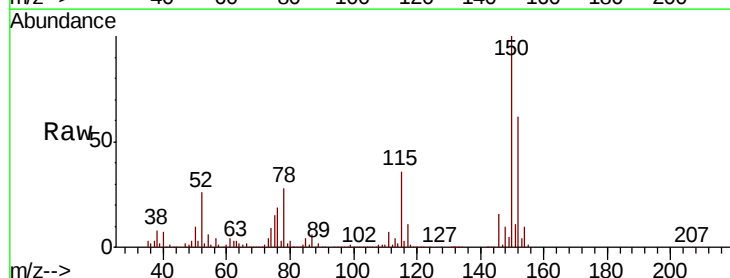
Tgt Ion:152 Resp: 197651

Ion Ratio Lower Upper

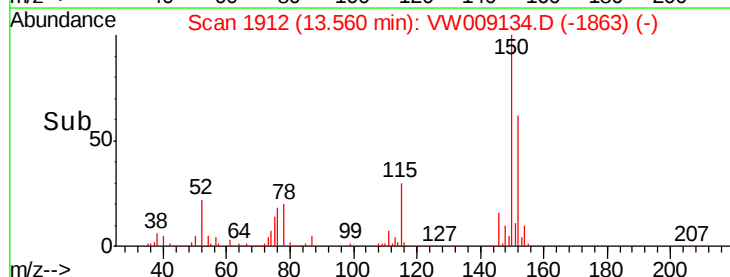
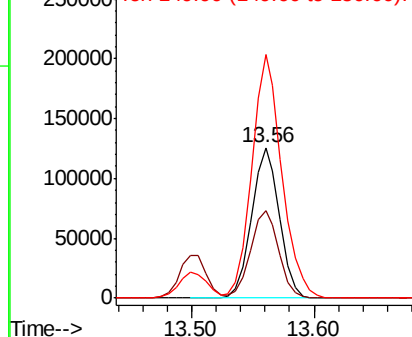
152 100

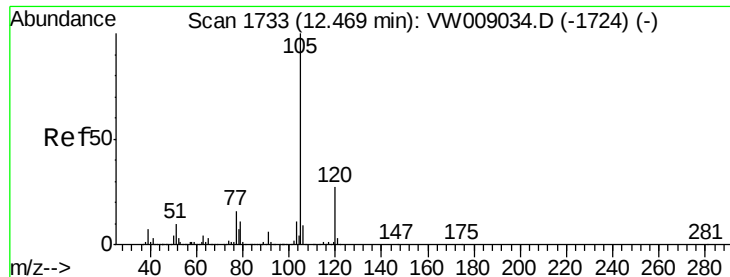
115 59.2 28.9 86.7

150 175.5 0.0 349.2



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: 49.724 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

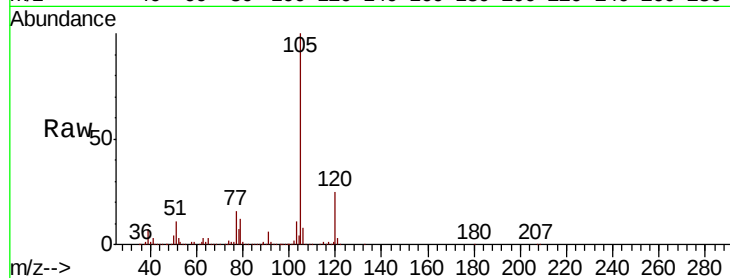
VSTDCCC050

Tgt Ion: 105 Resp: 703800

Ion Ratio Lower Upper

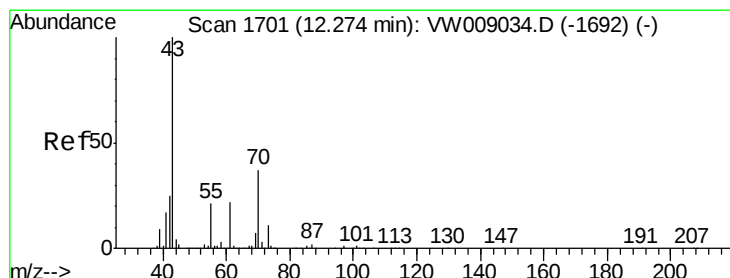
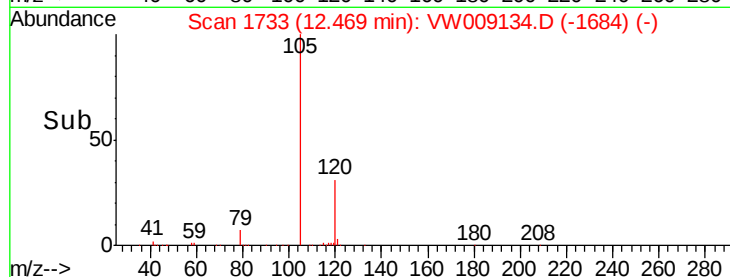
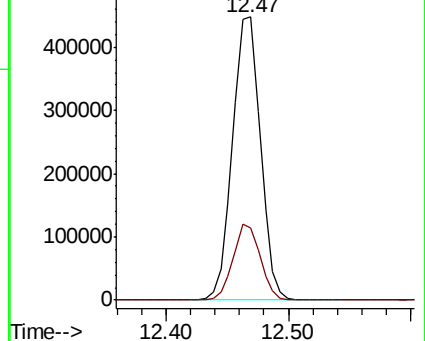
105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.540 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Tgt Ion: 43 Resp: 192798

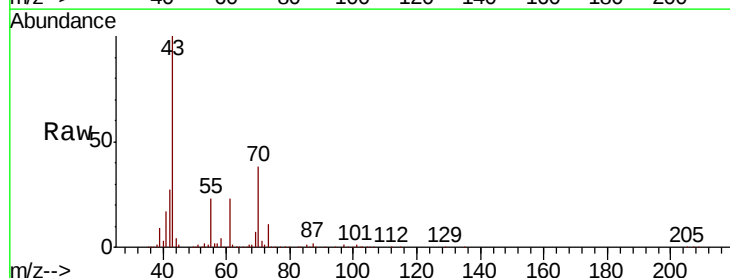
Ion Ratio Lower Upper

43 100

70 38.2 30.8 46.2

55 23.1 17.8 26.8

61 22.0 17.4 26.2

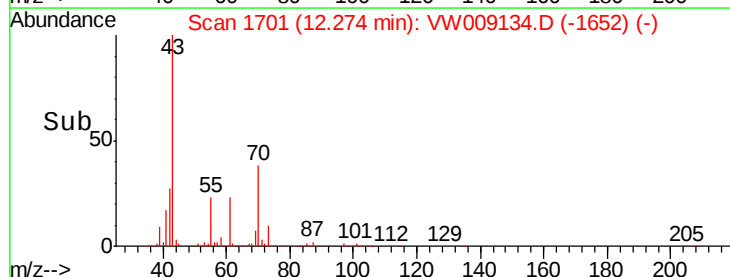
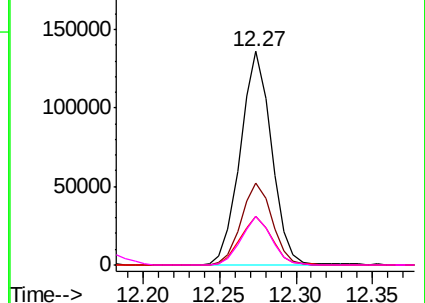


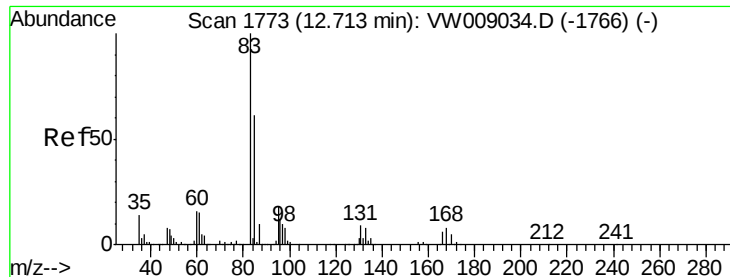
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 54.609 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

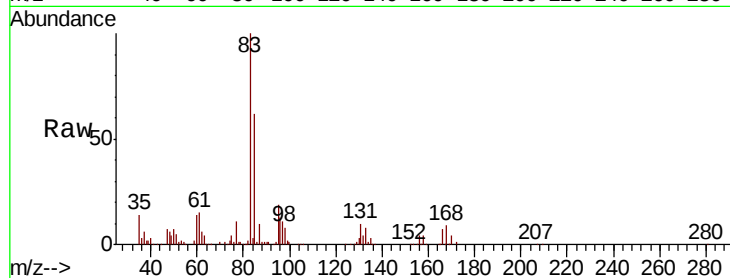
Tgt Ion: 83 Resp: 121923

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

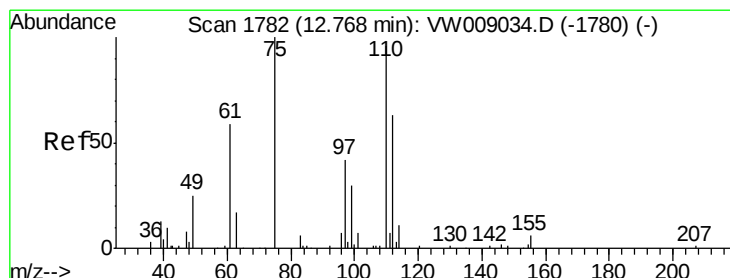
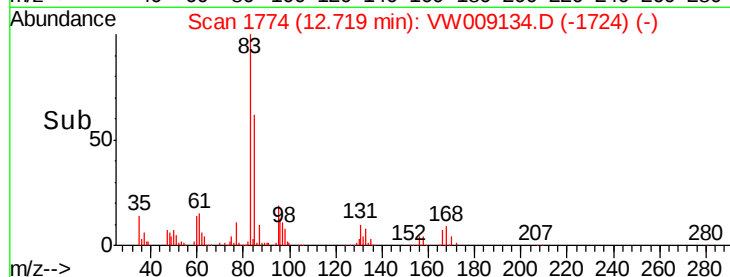
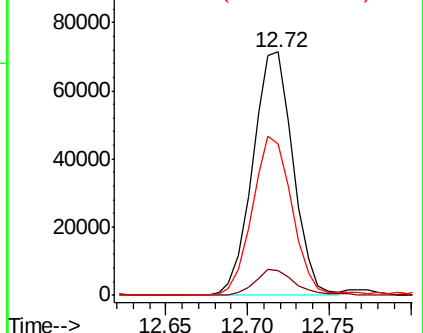
85 64.7 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 107.502 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009134.D

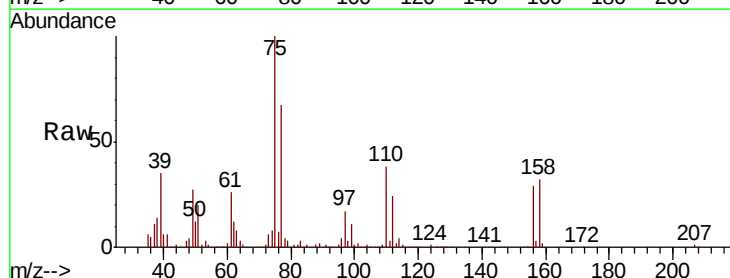
Acq: 13 Mar 2019 03:36

Tgt Ion: 75 Resp: 167876

Ion Ratio Lower Upper

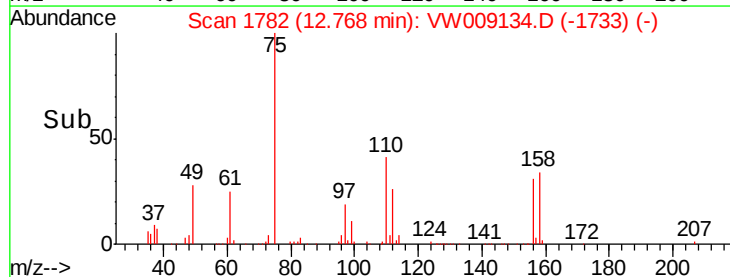
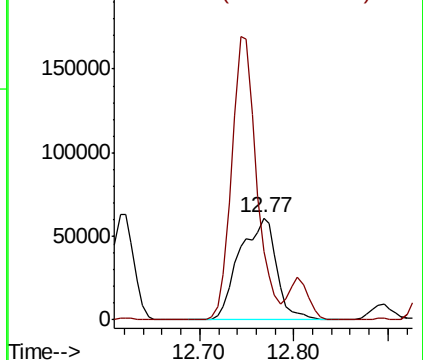
75 100

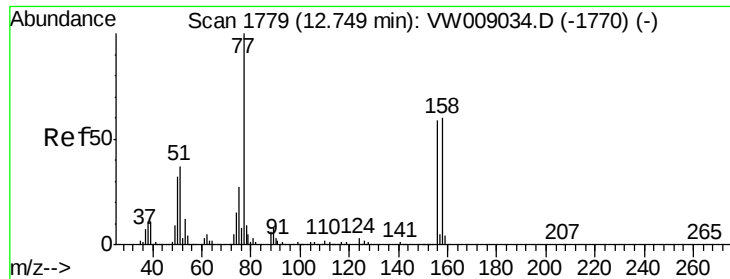
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.464 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

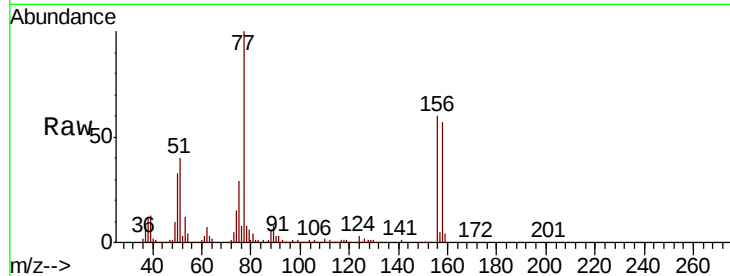
Tgt Ion:156 Resp: 166435

Ion Ratio Lower Upper

156 100

77 188.1 93.0 279.2

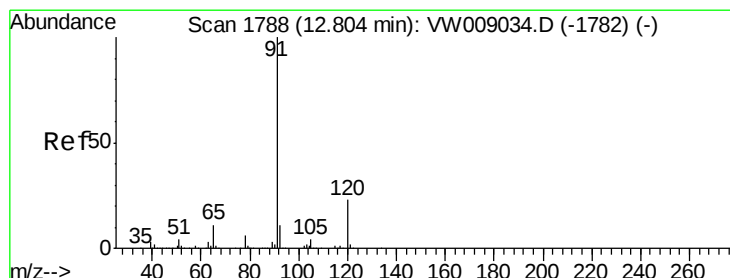
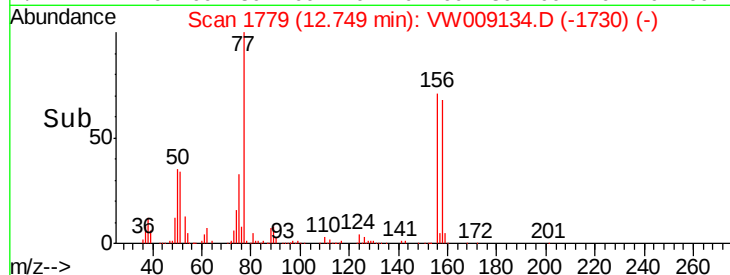
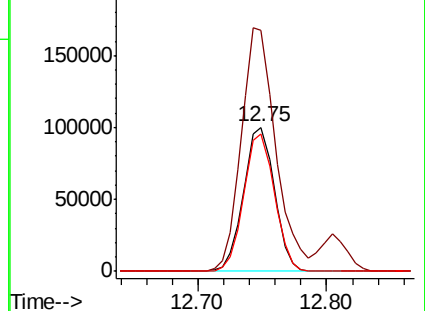
158 94.8 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.297 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009134.D

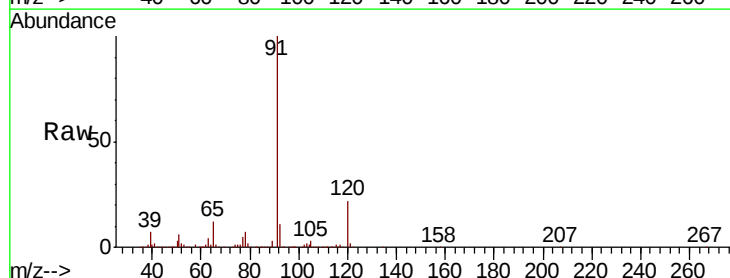
Acq: 13 Mar 2019 03:36

Tgt Ion: 91 Resp: 859452

Ion Ratio Lower Upper

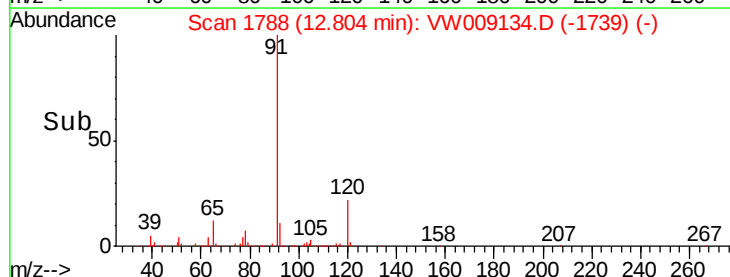
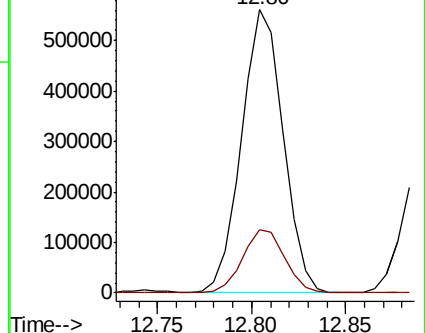
91 100

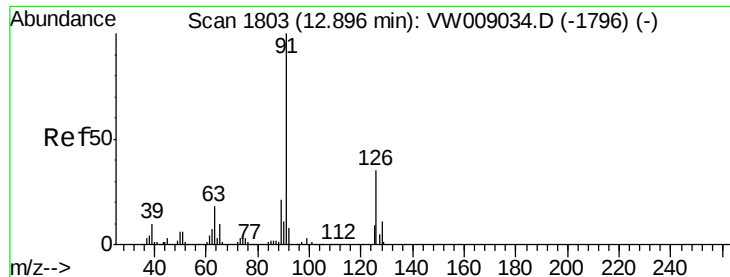
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.035 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

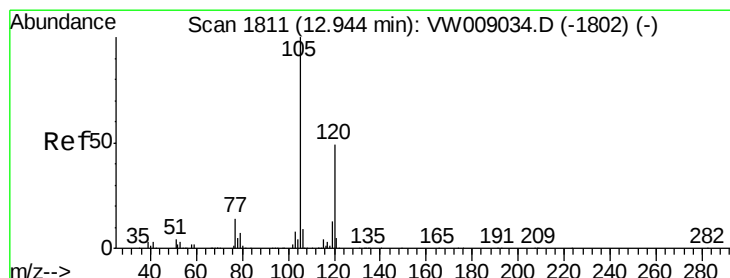
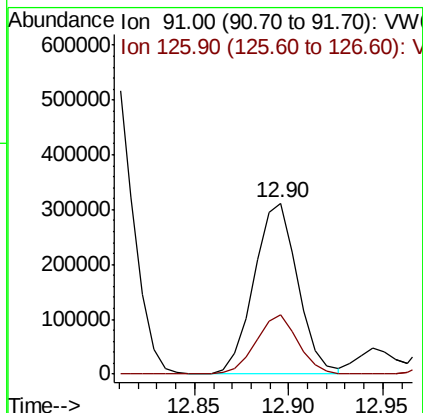
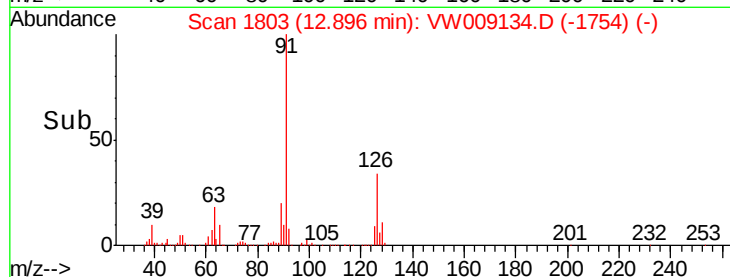
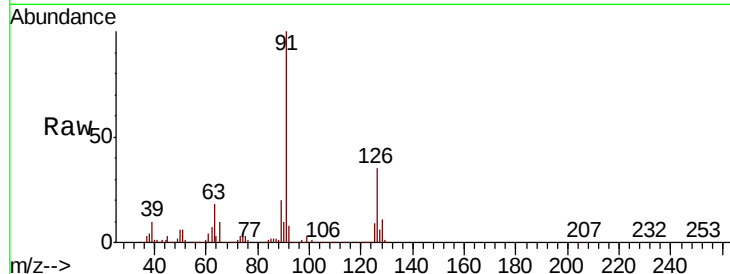
VSTDCCC050

Tgt Ion: 91 Resp: 499907

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 50.176 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009134.D

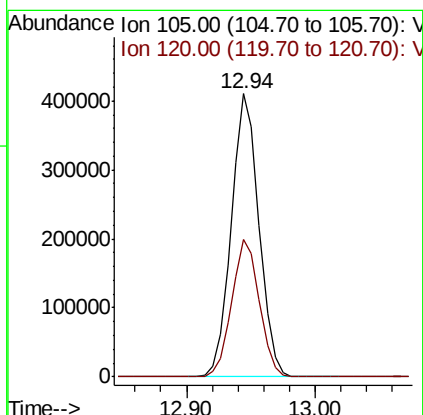
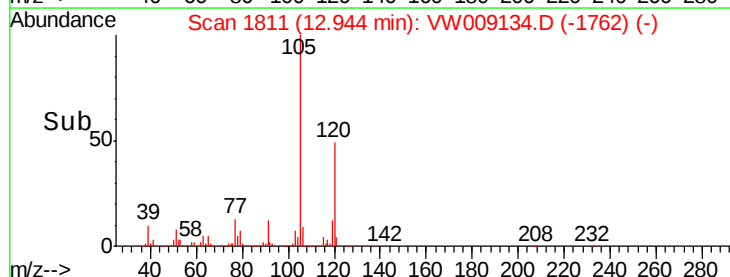
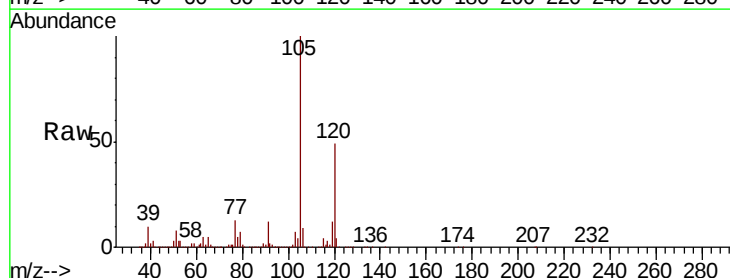
Acq: 13 Mar 2019 03:36

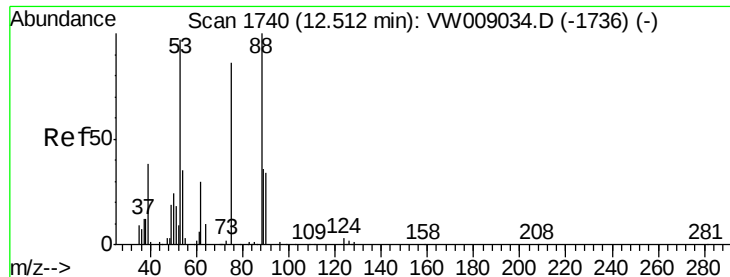
Tgt Ion: 105 Resp: 612176

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.105 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

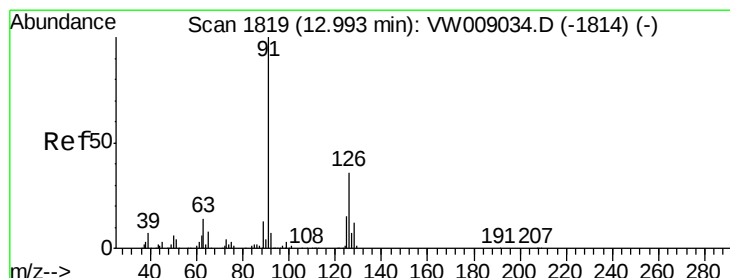
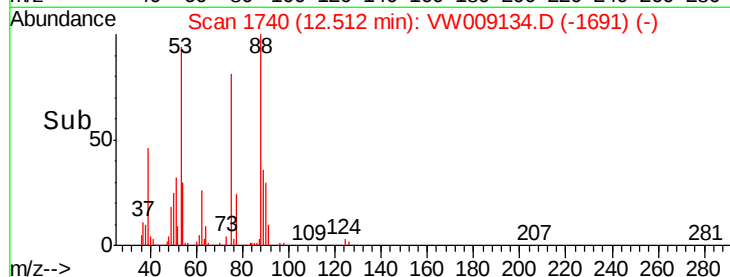
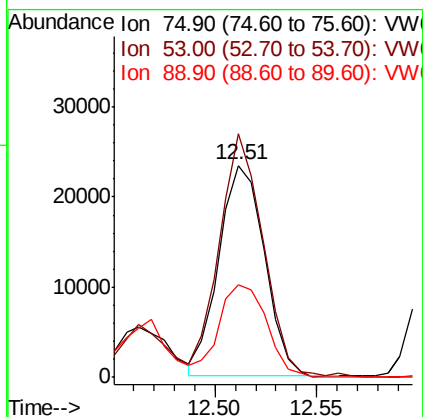
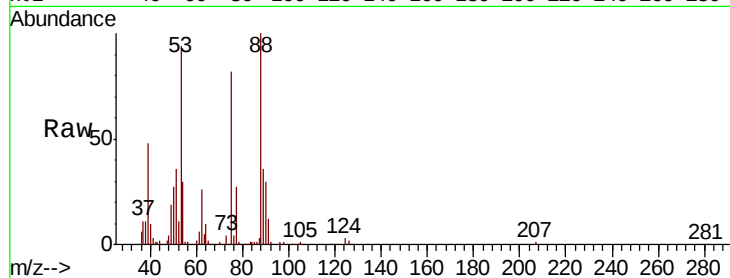
Tgt Ion: 75 Resp: 36378

Ion Ratio Lower Upper

75 100

53 111.3 90.5 135.7

89 46.5 37.5 56.3



#82

4-Chlorotoluene

Concen: 50.227 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW009134.D

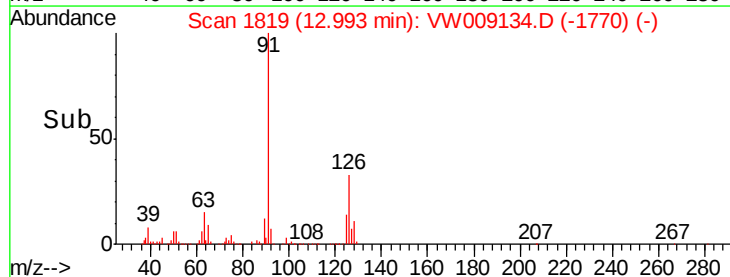
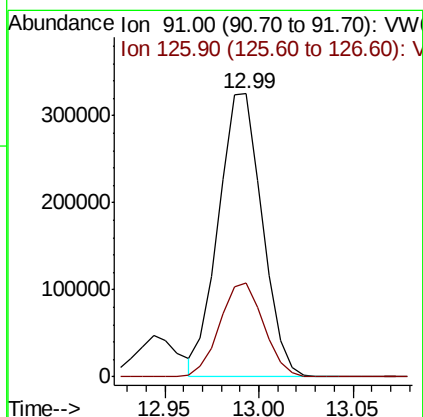
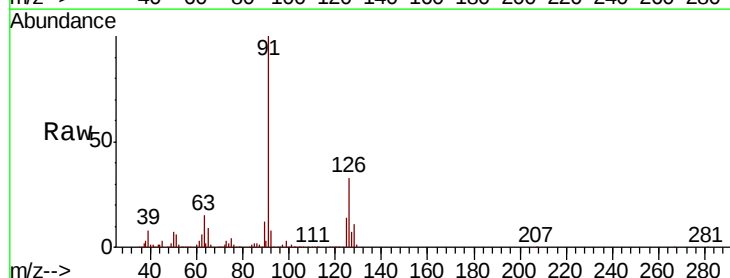
Acq: 13 Mar 2019 03:36

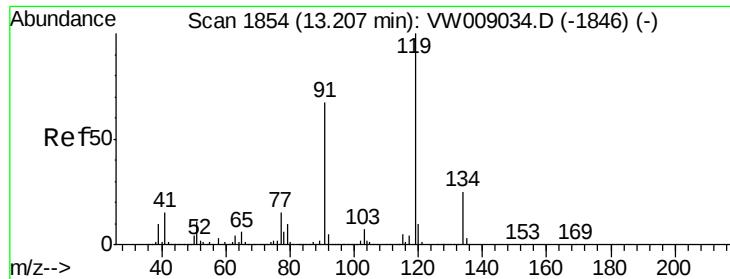
Tgt Ion: 91 Resp: 524440

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8

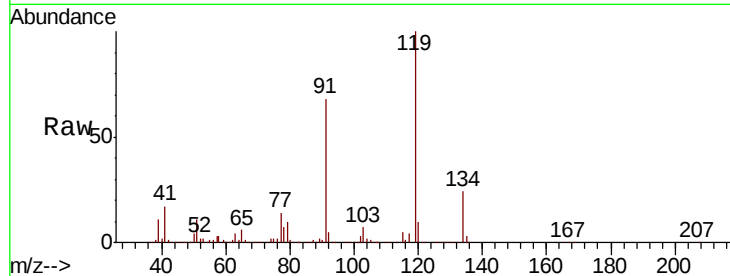




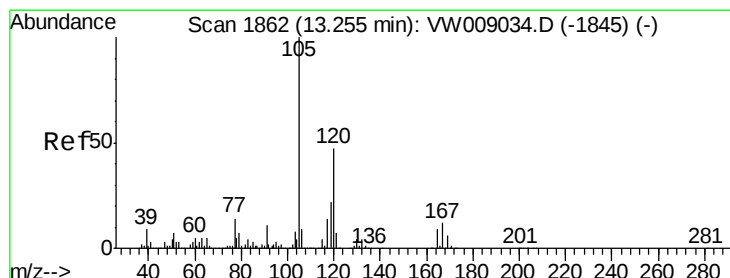
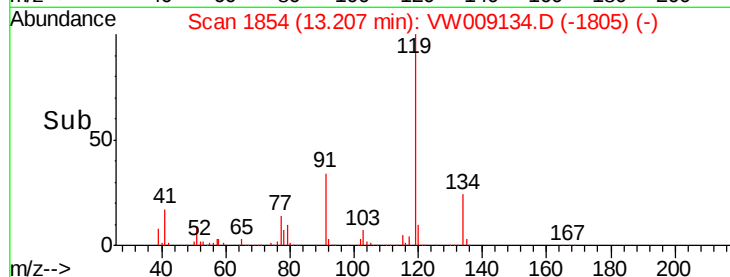
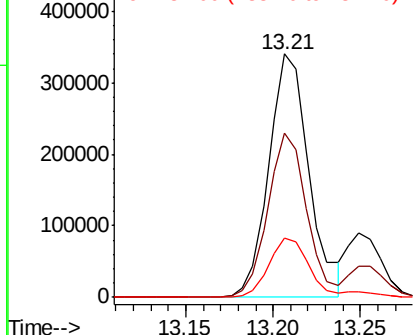
#83
 tert-Butylbenzene
 Concen: 53.156 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 546964
 Ion Ratio Lower Upper
 119 100
 91 65.2 34.2 102.5
 134 25.7 13.9 41.6

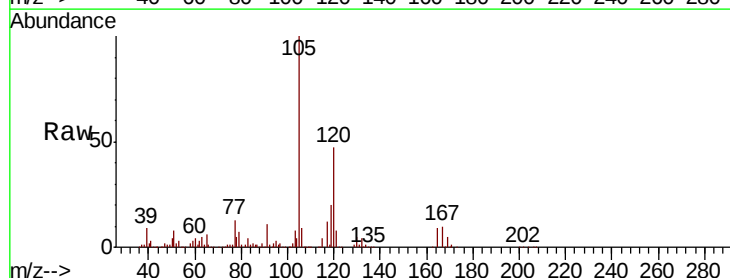


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

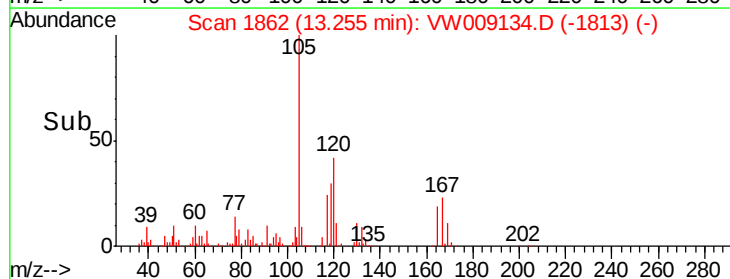
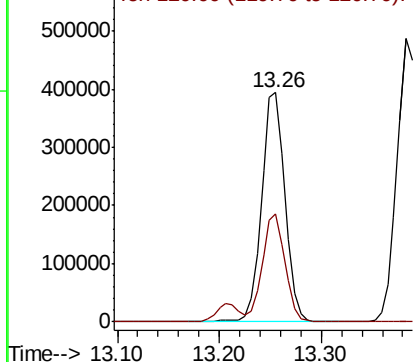


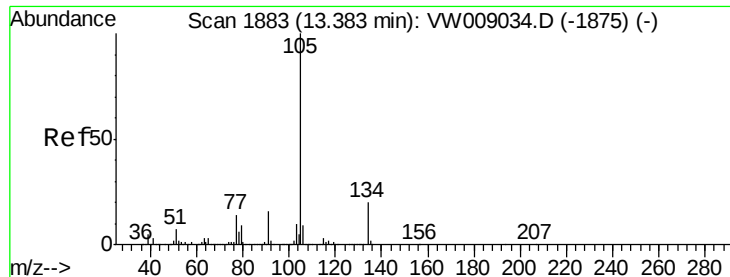
#84
 1,2,4-Trimethylbenzene
 Concen: 50.907 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion:105 Resp: 628292
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4



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

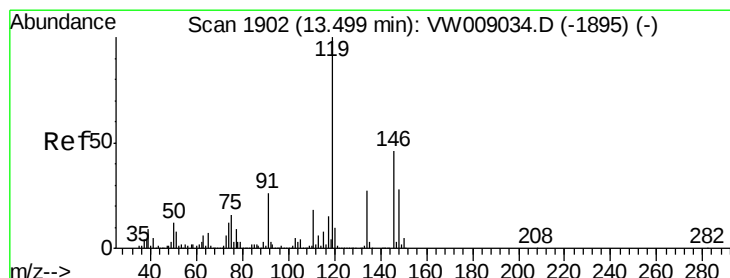
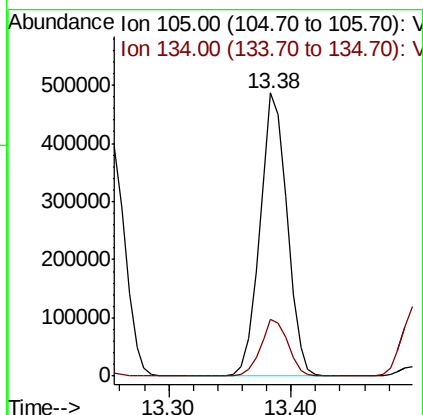
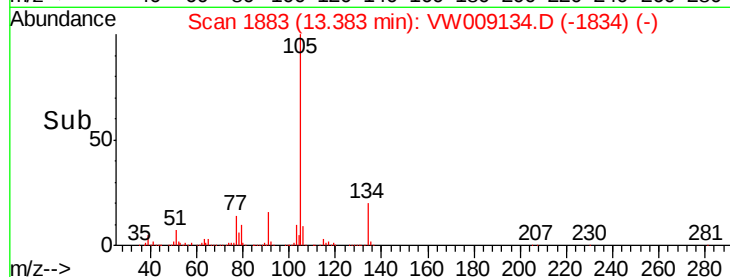
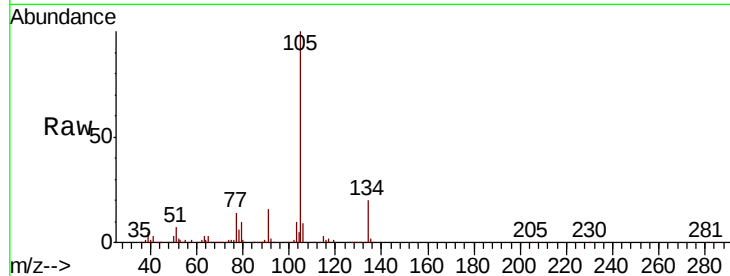




#85
 sec-Butylbenzene
 Concen: 49.350 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

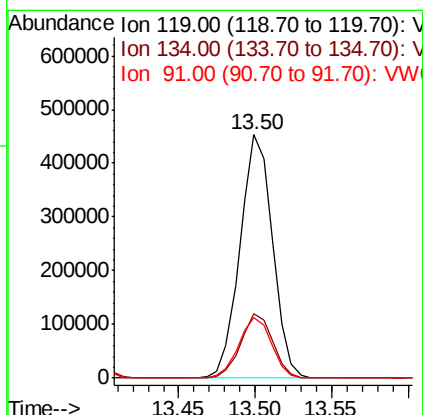
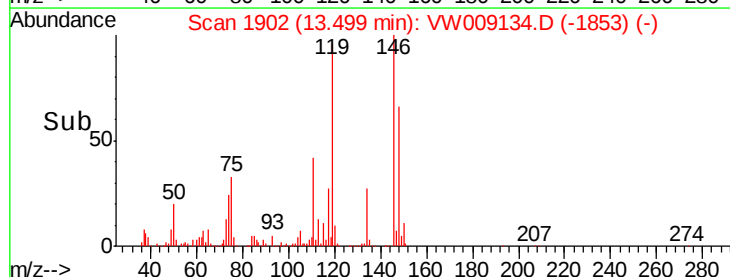
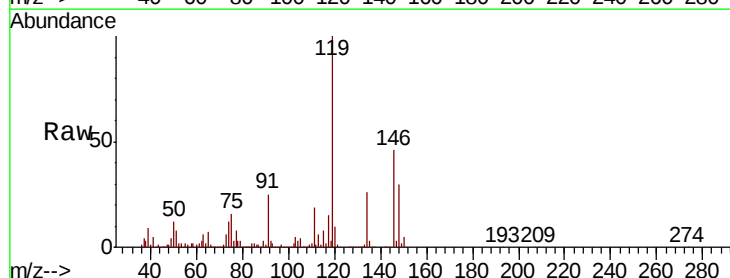
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

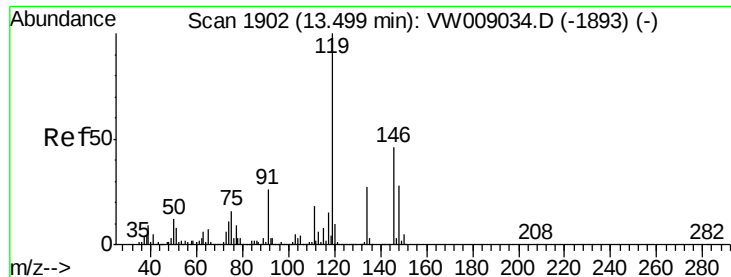
Tgt Ion:105 Resp: 752373
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 48.922 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion:119 Resp: 667211
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 25.1 12.3 36.9

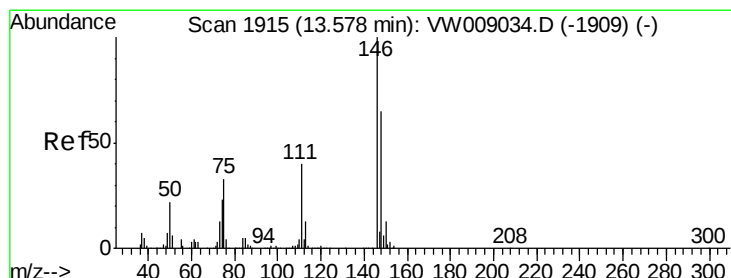
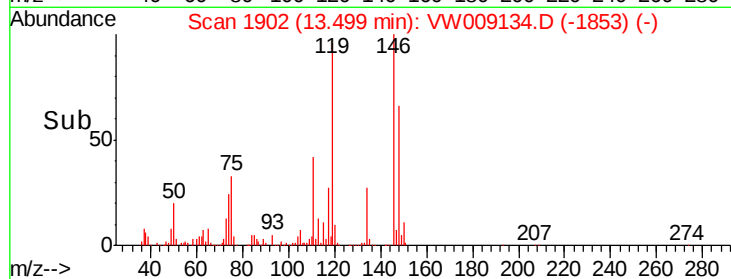
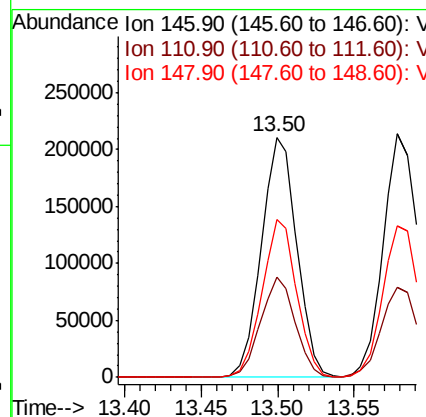
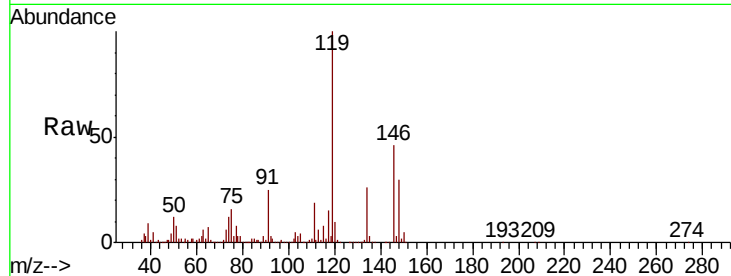




#87
 1,3-Dichlorobenzene
 Concen: 50.016 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

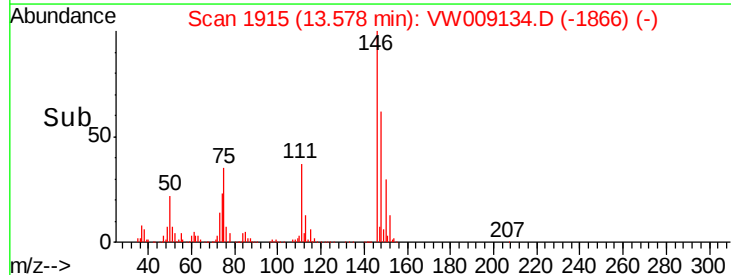
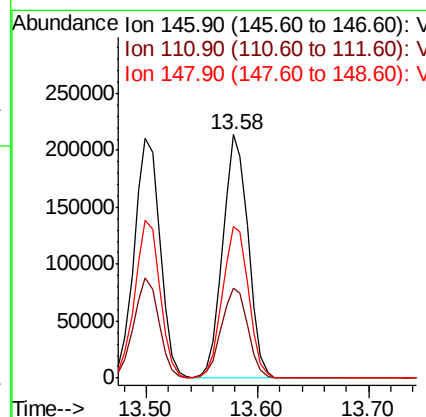
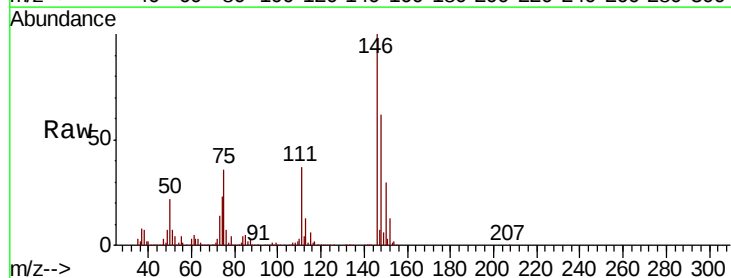
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

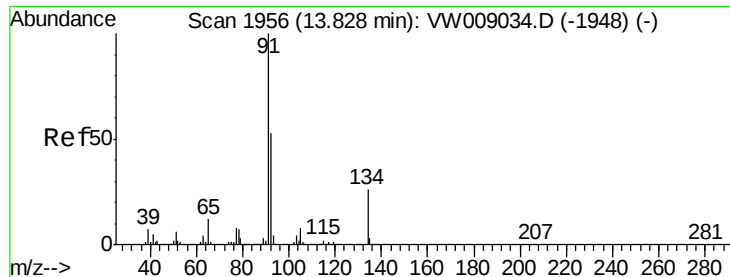
Tgt Ion:146 Resp: 339935
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.8 59.4
 148 64.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 50.049 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion:146 Resp: 336162
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.7 59.0
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 48.390 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009134.D

Acq: 13 Mar 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

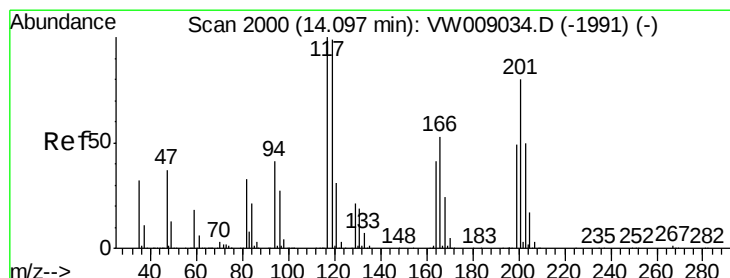
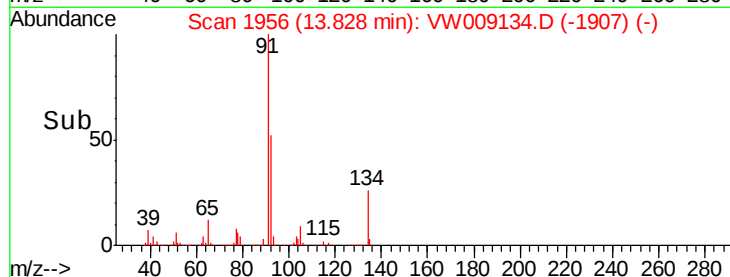
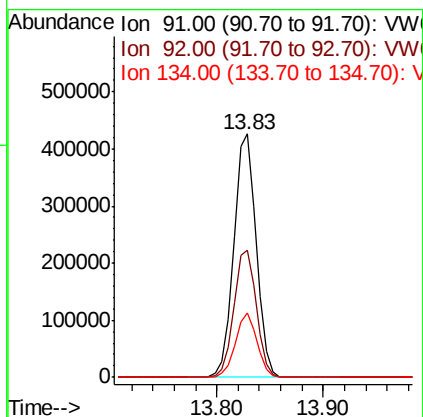
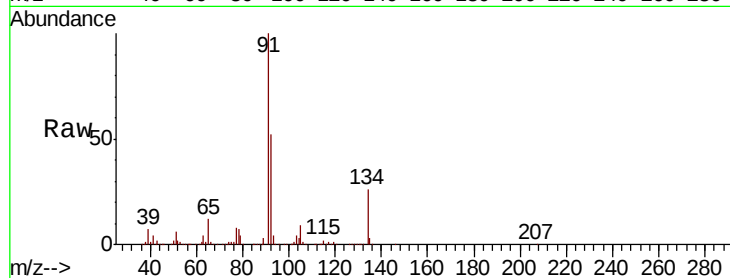
Tgt Ion: 91 Resp: 627399

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.3

134 25.5 12.9 38.7



#90

Hexachloroethane

Concen: 51.721 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009134.D

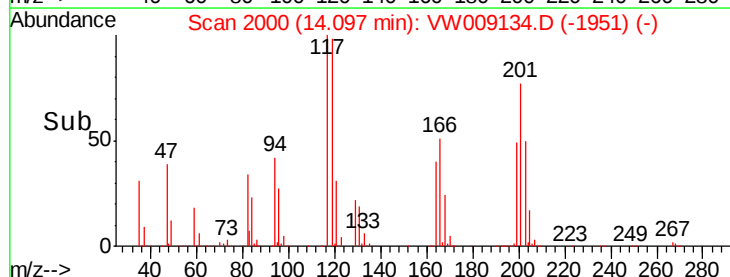
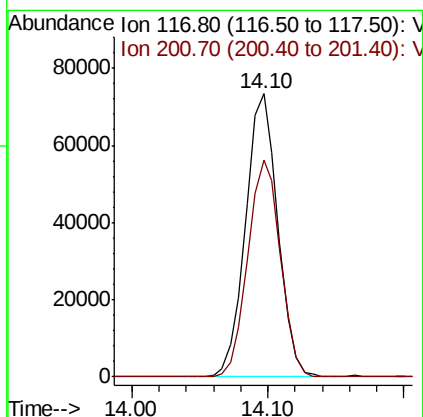
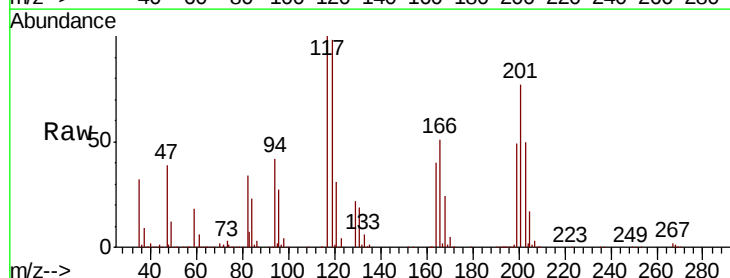
Acq: 13 Mar 2019 03:36

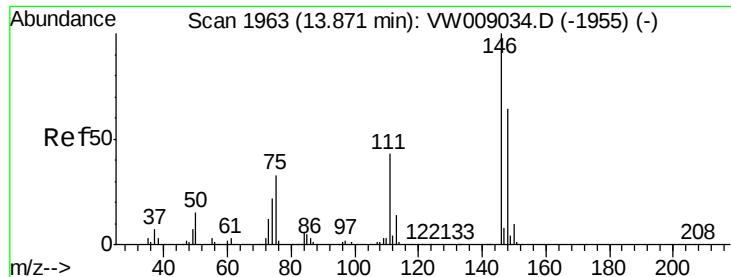
Tgt Ion: 117 Resp: 121658

Ion Ratio Lower Upper

117 100

201 77.5 39.1 117.5

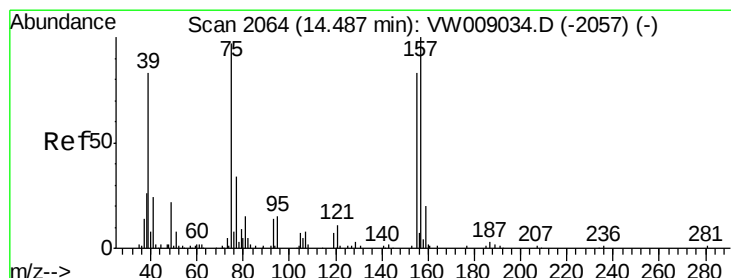
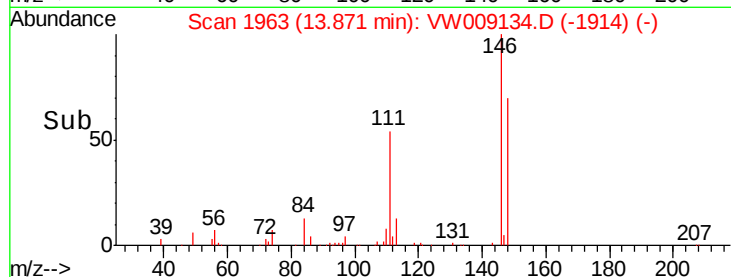
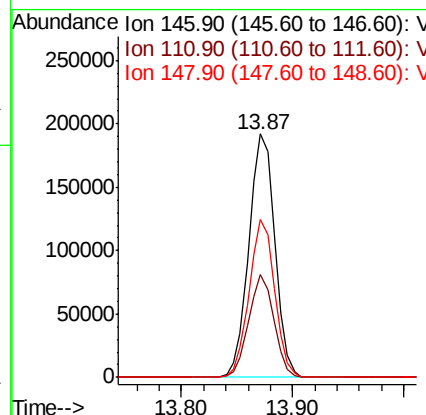
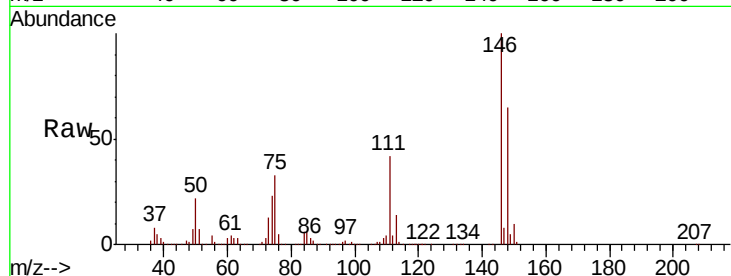




#91
 1,2-Dichlorobenzene
 Concen: 51.912 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

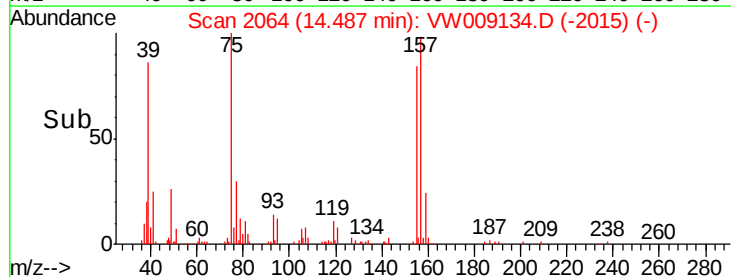
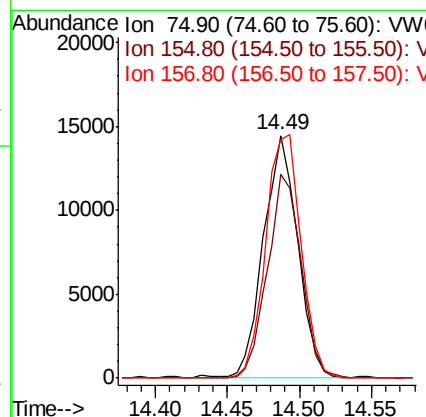
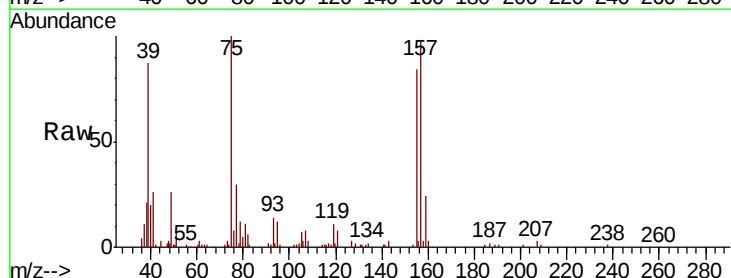
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

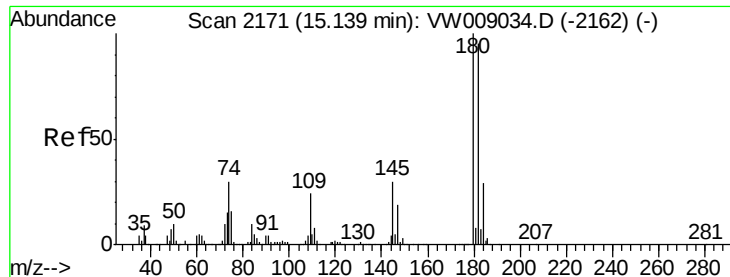
Tgt Ion:146 Resp: 311293
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.1
 148 63.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.088 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion: 75 Resp: 23894
 Ion Ratio Lower Upper
 75 100
 155 82.2 40.8 122.4
 157 103.5 52.4 157.3

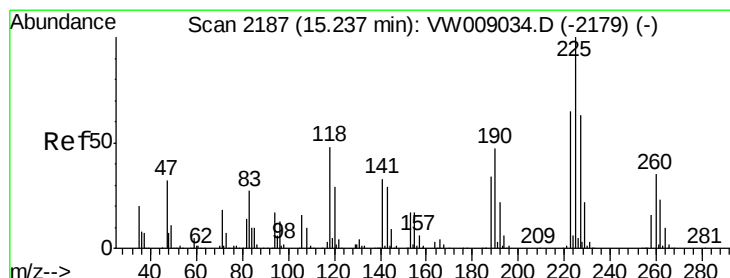
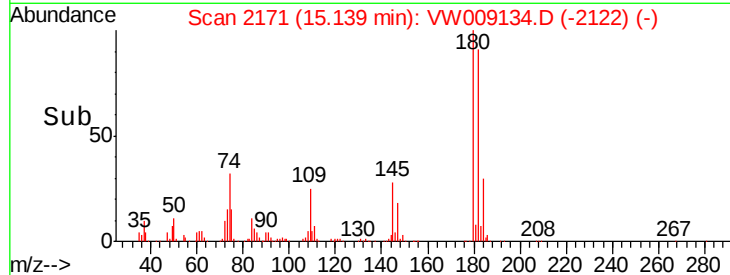
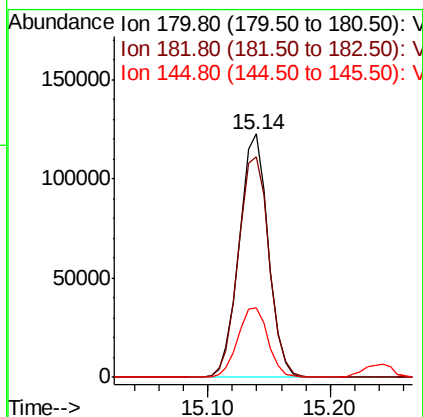
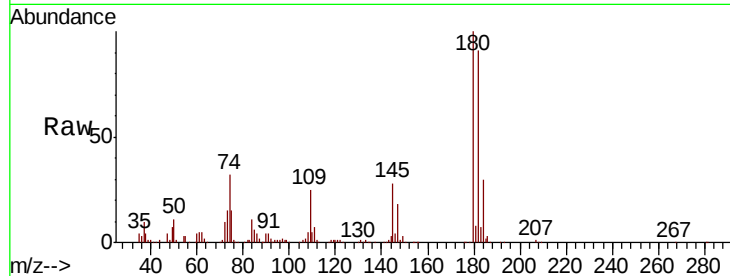




#93
 1,2,4-Trichlorobenzene
 Concen: 49.756 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

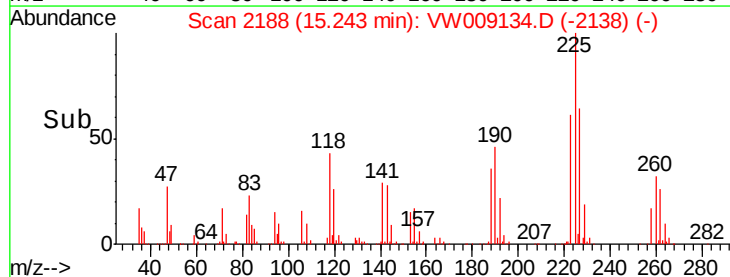
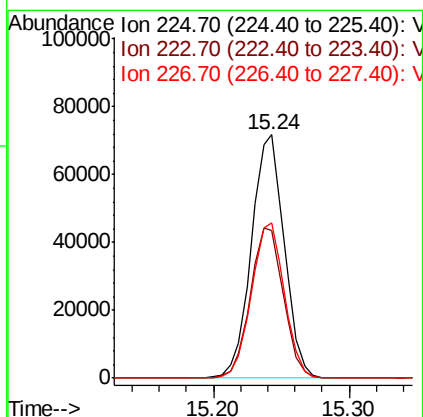
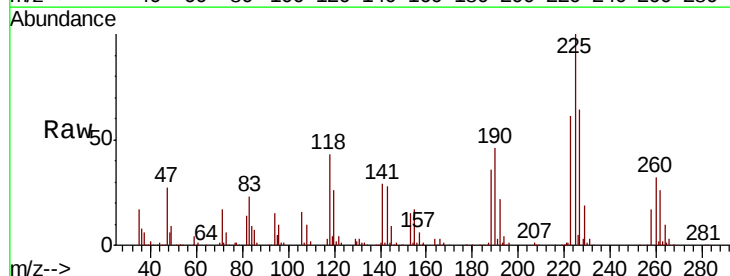
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

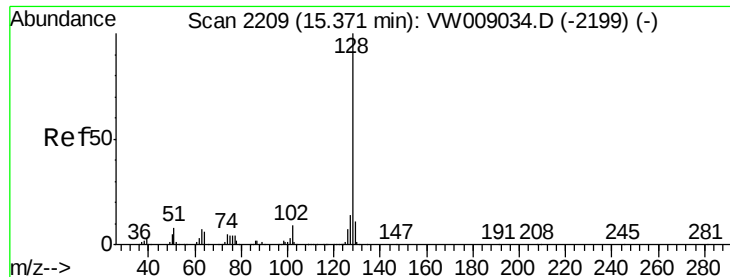
Tgt Ion:180 Resp: 201497
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.1 144.3
 145 29.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 47.936 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009134.D
 Acq: 13 Mar 2019 03:36

Tgt Ion:225 Resp: 121595
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 94.8
 227 63.9 32.0 96.2

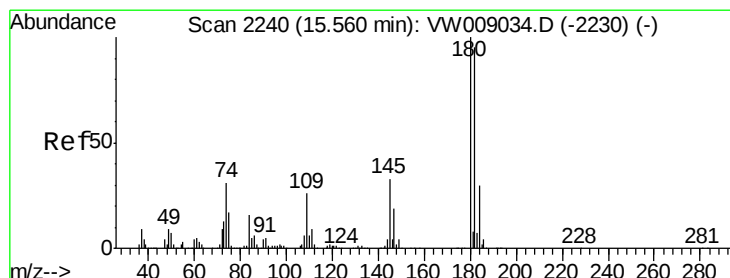
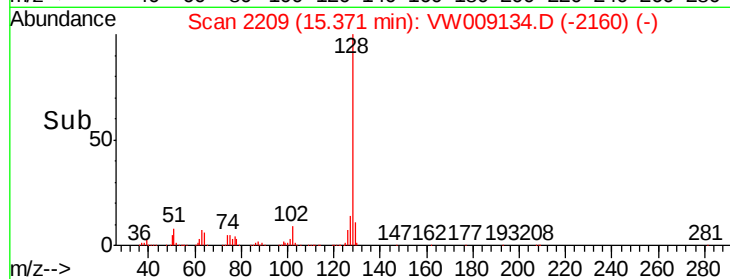
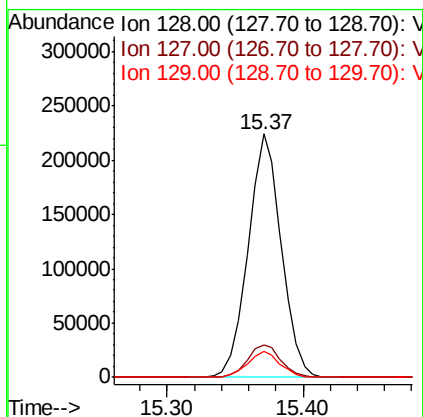
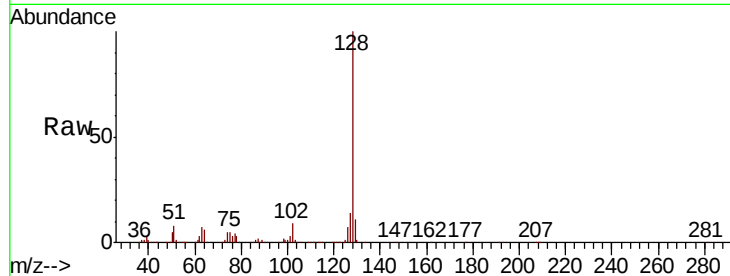




#95
Naphthalene
Concen: 57.551 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 381510
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.6
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.025 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009134.D
Acq: 13 Mar 2019 03:36

Tgt Ion:180 Resp: 185262
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.3
145 31.9 15.8 47.3

