

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032919\
 Data File : VW009580.D
 Acq On : 29 Mar 2019 19:35
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 04:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	183511	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	151482	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.32	98	553025	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	217362	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	86562	45.960	ug/l	96
3) Chloromethane	2.21	50	122570	47.768	ug/l	97
4) Vinyl Chloride	2.37	62	157515	45.963	ug/l	100
5) Bromomethane	2.78	94	117420	44.411	ug/l	97
6) Chloroethane	2.92	64	114050	44.938	ug/l	97
7) Trichlorofluoromethane	3.25	101	95822	40.923	ug/l	97
8) Diethyl Ether	3.67	74	77452	49.262	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	139304	44.341	ug/l	98
10) Methyl Iodide	4.27	142	197787	46.140	ug/l	96
11) Tert butyl alcohol	5.17	59	59364	293.947	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	133092	45.269	ug/l	95
13) Acrolein	3.89	56	34296	231.534	ug/l	95
14) Allyl chloride	4.65	41	205216	43.641	ug/l	98
15) Acrylonitrile	5.36	53	192469	267.813	ug/l	99
16) Acetone	4.12	43	192423	245.708	ug/l	99
17) Carbon Disulfide	4.37	76	357205	42.700	ug/l	98
18) Methyl Acetate	4.67	43	113224	59.810	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212174	51.889	ug/l	96
20) Methylene Chloride	4.92	84	155258	50.579	ug/l #	90
21) trans-1,2-Dichloroethene	5.41	96	147808	47.351	ug/l	91
22) Diisopropyl ether	6.31	45	523410	51.540	ug/l	98
23) Vinyl Acetate	6.25	43	1759957	277.799	ug/l	100
24) 1,1-Dichloroethane	6.21	63	297305	48.640	ug/l	99
25) 2-Butanone	7.17	43	309052	285.577	ug/l	95
26) 2,2-Dichloropropane	7.16	77	157194	44.981	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	171359	50.267	ug/l	97
28) Bromochloromethane	7.51	49	145355	54.879	ug/l	95
29) Tetrahydrofuran	7.53	42	199655	297.114	ug/l	99
30) Chloroform	7.67	83	315469	49.832	ug/l	98
31) Cyclohexane	7.95	56	248224	43.317	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	237154	46.273	ug/l	97
36) 1,1-Dichloropropene	8.07	75	232467	46.000	ug/l	99
37) Ethyl Acetate	7.25	43	134978	56.219	ug/l	100
38) Carbon Tetrachloride	8.06	117	233674	45.126	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263664	45.675	ug/l	98
40) Benzene	8.32	78	647842	47.328	ug/l	100
41) Methacrylonitrile	7.48	41	72500	46.653	ug/l	98
42) 1,2-Dichloroethane	8.40	62	236221	50.619	ug/l	97
43) Isopropyl Acetate	8.42	43	259140	55.074	ug/l	99
44) Trichloroethene	9.09	130	166986	47.121	ug/l	96
45) 1,2-Dichloropropane	9.37	63	170969	48.797	ug/l	96
46) Dibromomethane	9.45	93	97369	51.300	ug/l	97
47) Bromodichloromethane	9.64	83	243168	50.225	ug/l	100
48) Methyl methacrylate	9.43	41	126463	57.335	ug/l	97
49) 1,4-Dioxane	9.45	88	33468	1184.059	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	724225	287.674	ug/l	100
52) Toluene	10.38	92	418180	48.783	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	245744	51.837	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	266206	50.645	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	133497	52.034	ug/l	94
56) Ethyl methacrylate	10.65	69	179107	50.376	ug/l	96
57) 1,3-Dichloropropane	10.93	76	236574	52.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	422121	246.783	ug/l	97
59) 2-Hexanone	10.97	43	510038	292.738	ug/l	99
60) Dibromochloromethane	11.13	129	161292	52.066	ug/l	98
61) 1,2-Dibromoethane	11.23	107	128885	52.387	ug/l	100
64) Tetrachloroethene	10.86	164	144975	46.388	ug/l	94
65) Chlorobenzene	11.66	112	464659	47.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	170891	48.381	ug/l	98
67) Ethyl Benzene	11.73	91	829398	48.560	ug/l	100
68) m/p-Xylenes	11.84	106	636936	98.212	ug/l	99
69) o-Xylene	12.16	106	300664	49.783	ug/l	98
70) Styrene	12.18	104	510367	50.592	ug/l	99
71) Bromoform	12.35	173	102716	54.036	ug/l #	100
73) Isopropylbenzene	12.46	105	851449	47.914	ug/l	100
74) N-amyl acetate	12.27	43	260141	55.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	177418	52.793	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	239000	99.529	ug/l #	100
77) Bromobenzene	12.75	156	196992	48.137	ug/l	96
78) n-propylbenzene	12.80	91	1047277	47.792	ug/l	100
79) 2-Chlorotoluene	12.90	91	602306	48.365	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	729941	48.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	54170	52.459	ug/l	95
82) 4-Chlorotoluene	12.99	91	635056	48.455	ug/l	99
83) tert-Butylbenzene	13.21	119	631448	49.565	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	765065	49.728	ug/l	98
85) sec-Butylbenzene	13.38	105	924846	48.119	ug/l	99
86) p-Isopropyltoluene	13.50	119	818928	48.987	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	406739	48.137	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	407890	48.330	ug/l	99
89) n-Butylbenzene	13.83	91	797817	48.350	ug/l	99
90) Hexachloroethane	14.10	117	155347	48.527	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	374753	49.598	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33526	54.647	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

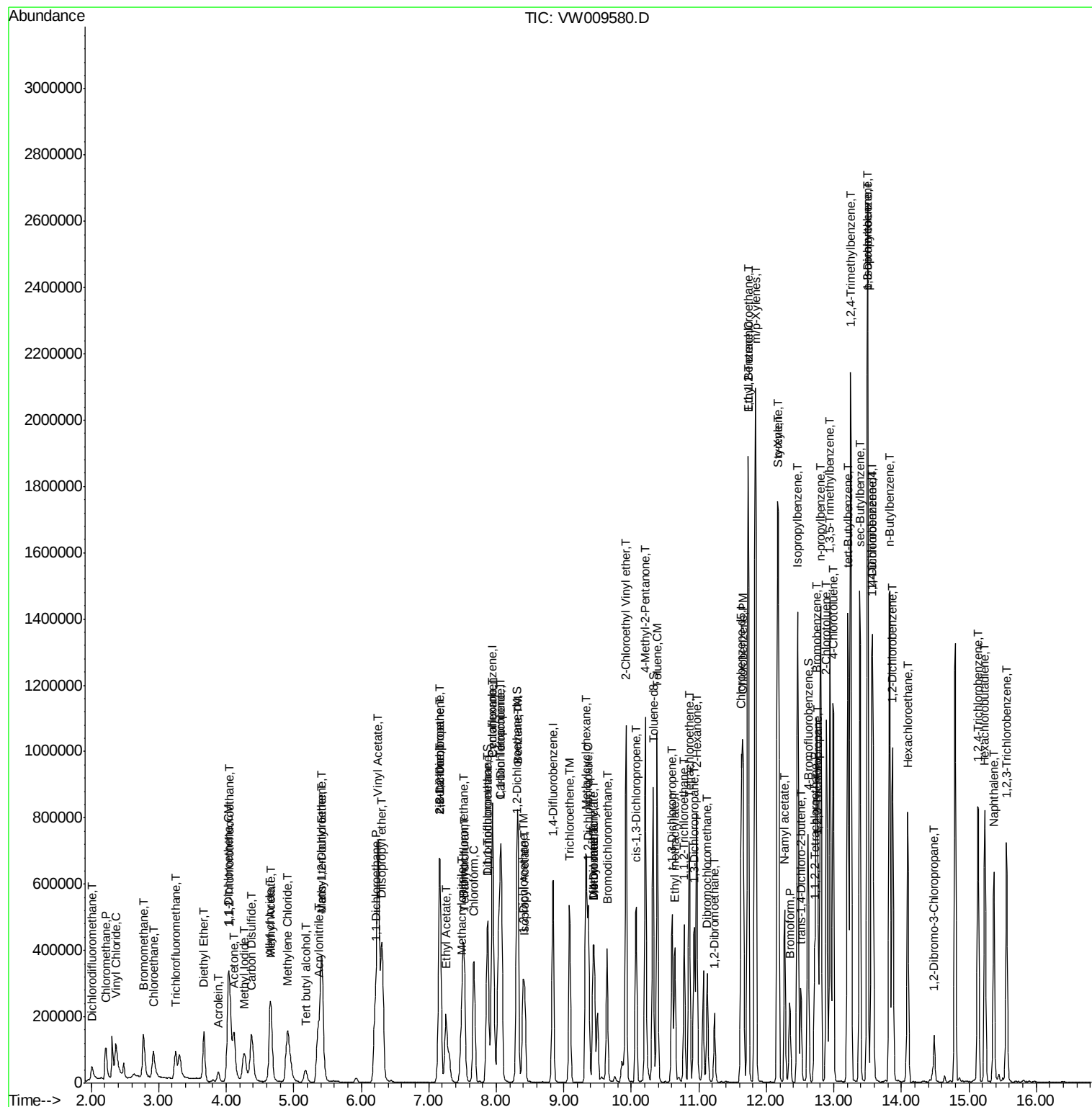
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	249946	51.367	ug/l	99
94) Hexachlorobutadiene	15.24	225	144015	46.086	ug/l	98
95) Naphthalene	15.37	128	507202	51.216	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	228444	52.547	ug/l	100

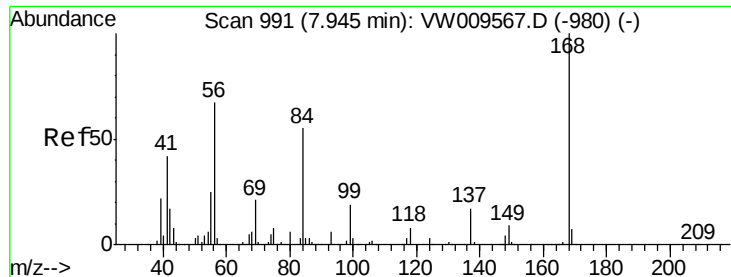
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

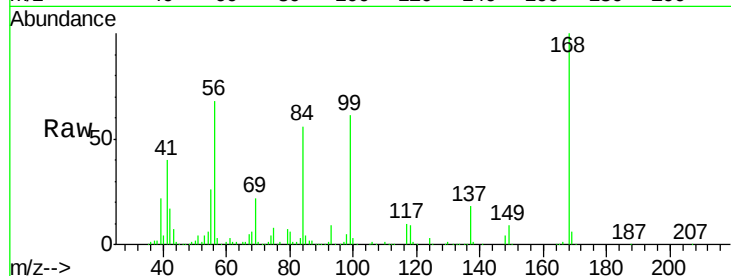
VSTDCCC050EC

Tgt Ion:168 Resp: 304596

Ion Ratio Lower Upper

168 100

99 61.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

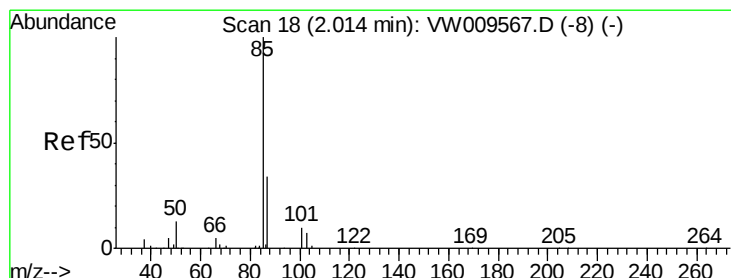
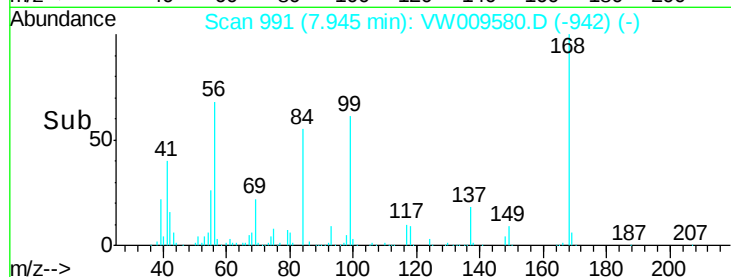
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.960 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009580.D

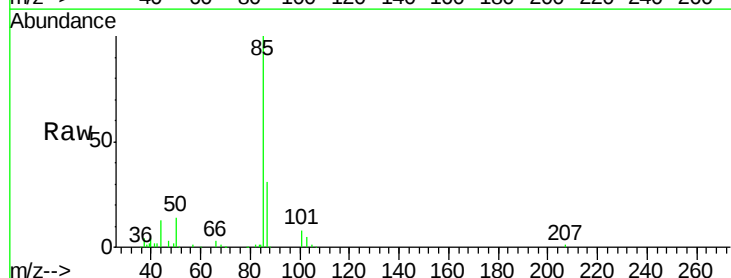
Acq: 29 Mar 2019 19:35

Tgt Ion: 85 Resp: 86562

Ion Ratio Lower Upper

85 100

87 30.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

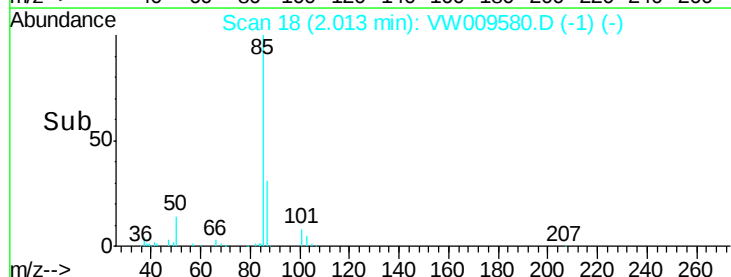
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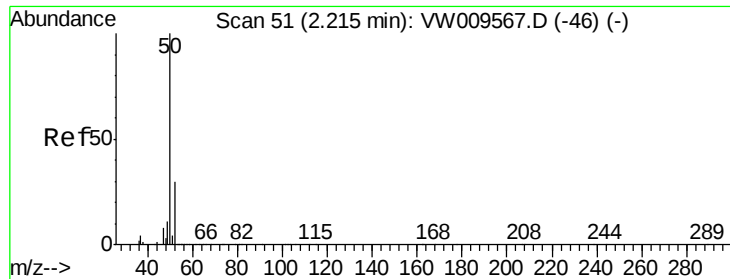
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 47.768 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

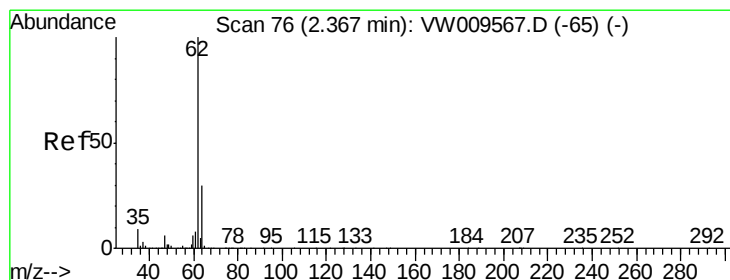
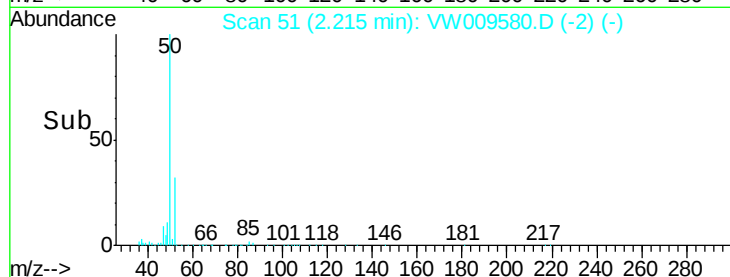
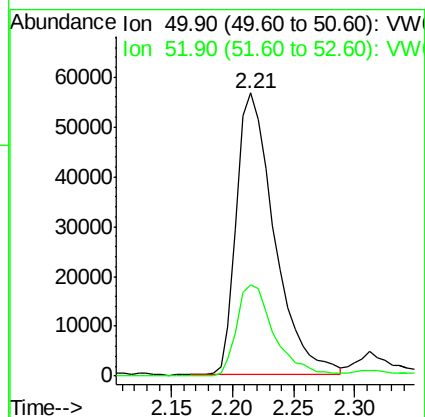
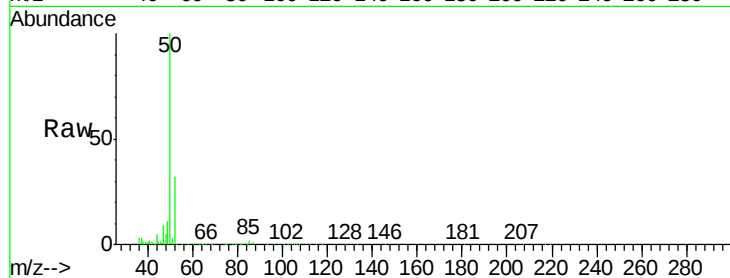
VSTDCCC050EC

Tgt Ion: 50 Resp: 122570

Ion Ratio Lower Upper

50 100

52 32.4 27.2 40.8



#4

Vinyl Chloride

Concen: 45.963 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009580.D

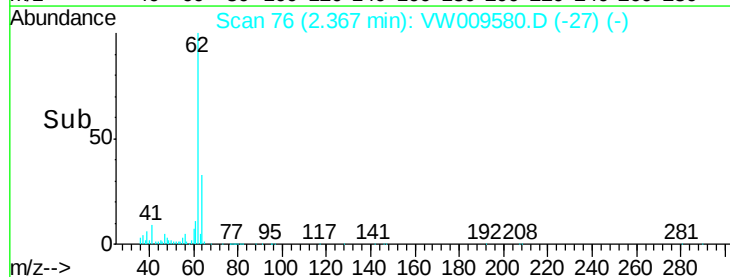
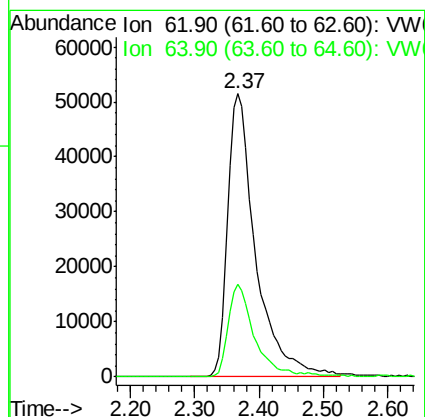
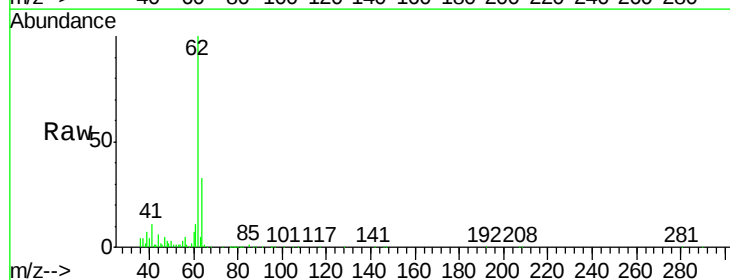
Acq: 29 Mar 2019 19:35

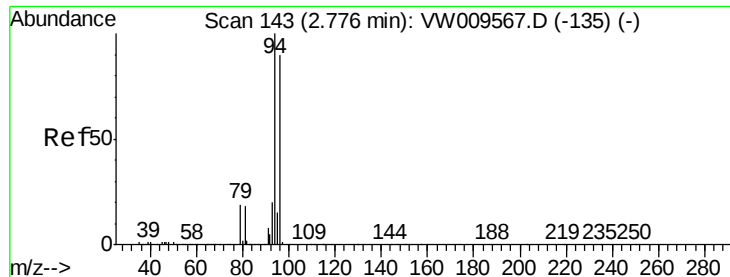
Tgt Ion: 62 Resp: 157515

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 44.411 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

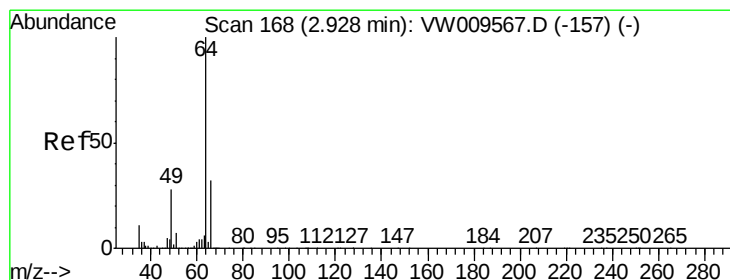
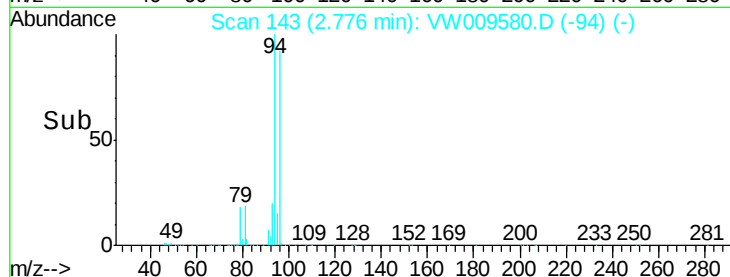
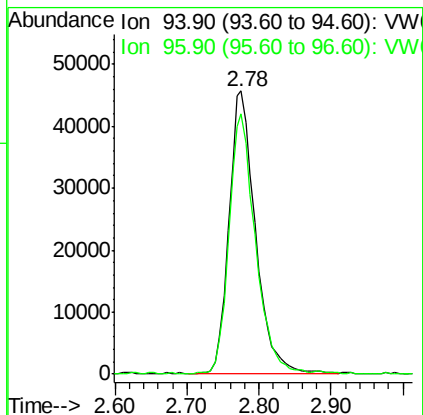
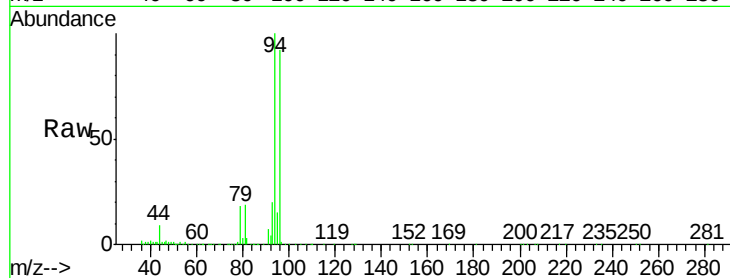
VSTDCCC050EC

Tgt Ion: 94 Resp: 117420

Ion Ratio Lower Upper

94 100

96 92.0 71.4 107.2



#6

Chloroethane

Concen: 44.938 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW009580.D

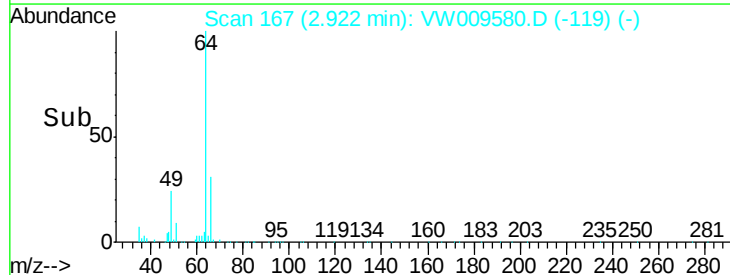
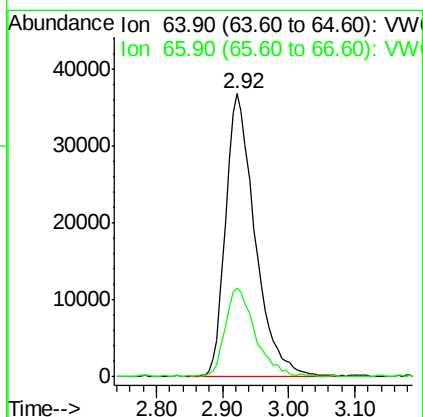
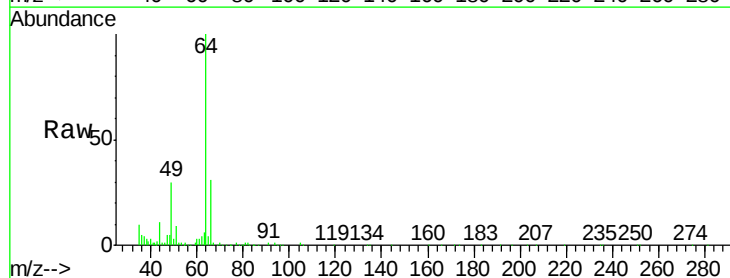
Acq: 29 Mar 2019 19:35

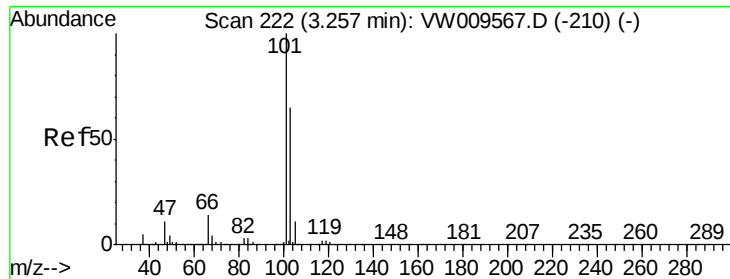
Tgt Ion: 64 Resp: 114050

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.2



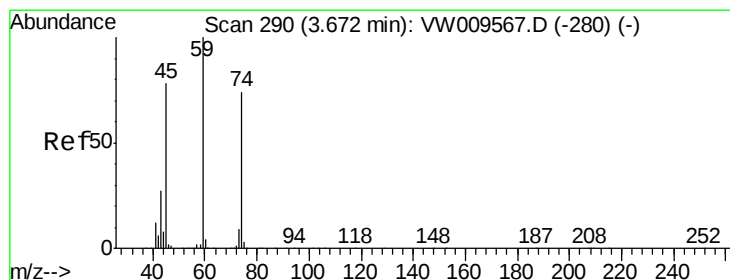
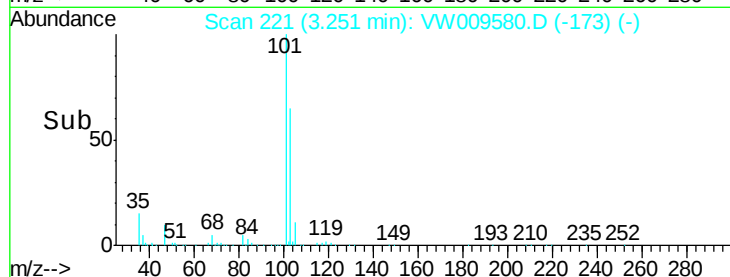
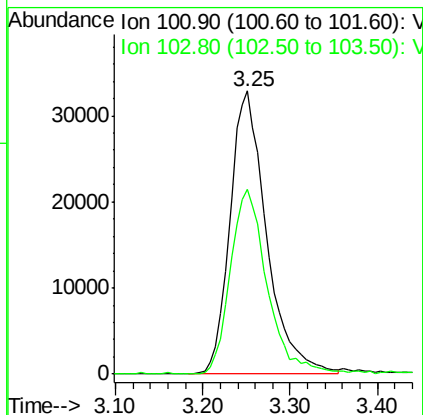
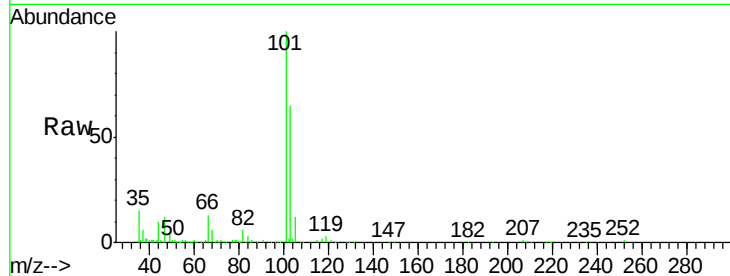


#7

Trichlorofluoromethane
 Concen: 40.923 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Instrument :
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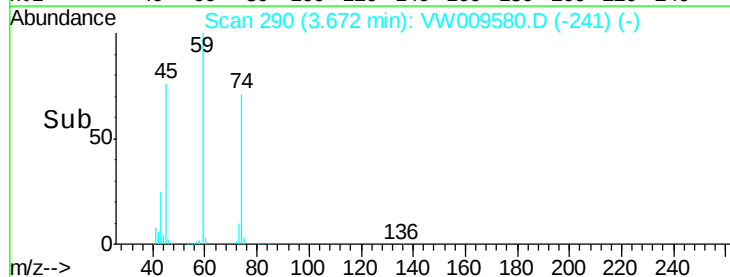
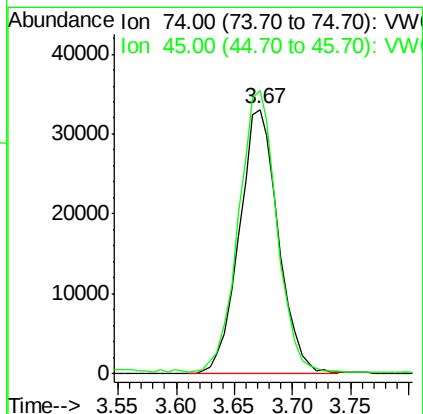
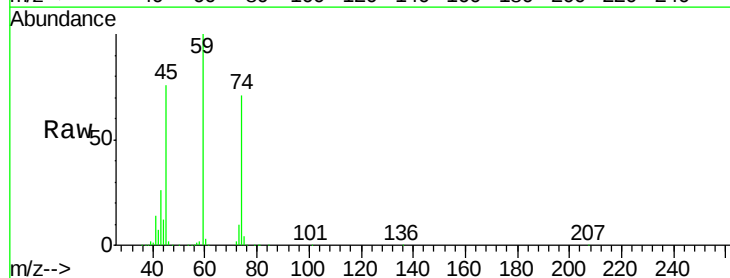
Tgt Ion:101 Resp: 95822
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.5 75.7

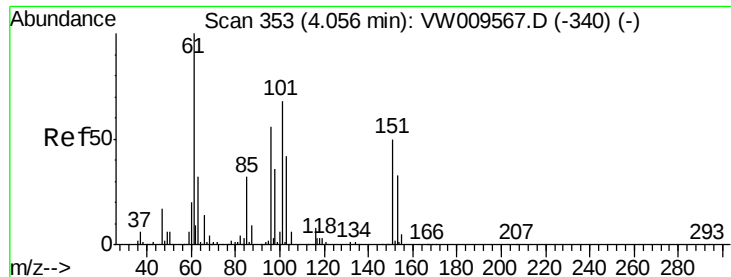


#8

Diethyl Ether
 Concen: 49.262 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 74 Resp: 77452
 Ion Ratio Lower Upper
 74 100
 45 103.8 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.341 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

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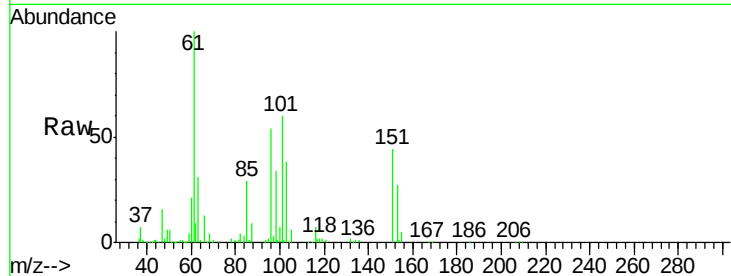
Tgt Ion:101 Resp: 139304

Ion Ratio Lower Upper

101 100

85 46.0 35.1 52.7

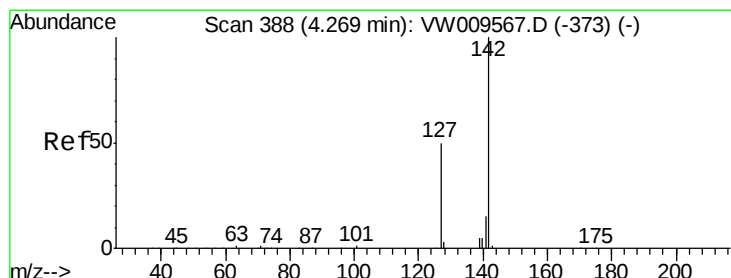
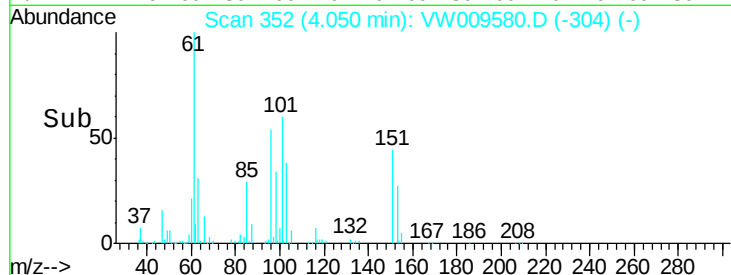
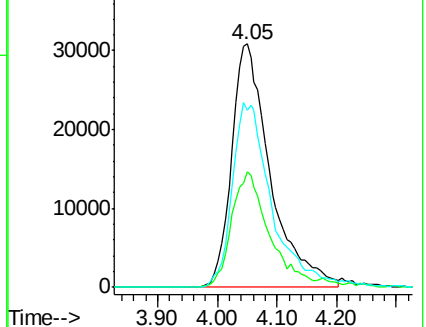
151 78.1 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.140 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

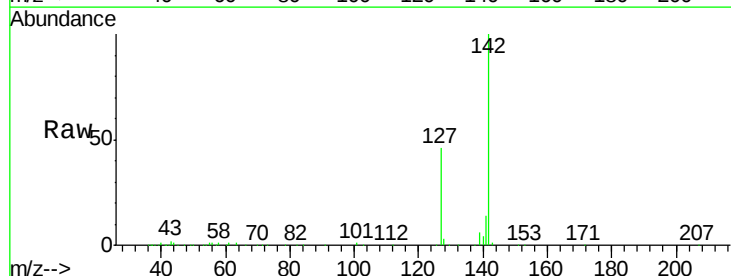
Tgt Ion:142 Resp: 197787

Ion Ratio Lower Upper

142 100

127 48.2 35.9 53.9

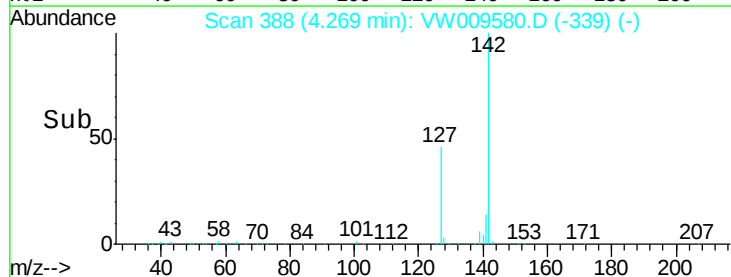
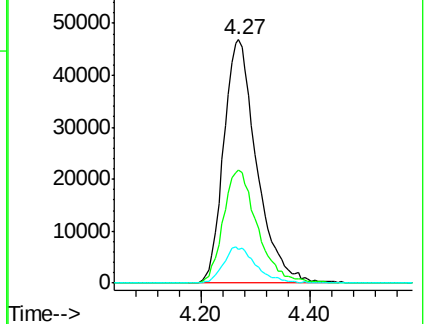
141 14.7 11.4 17.2

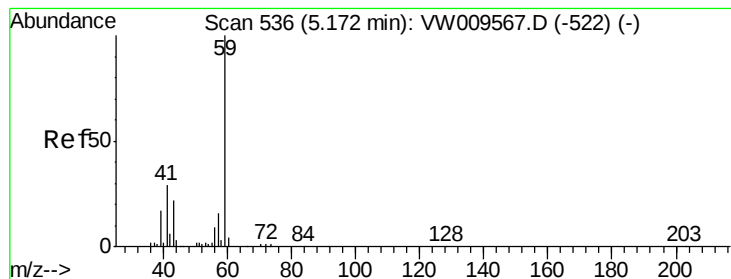


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



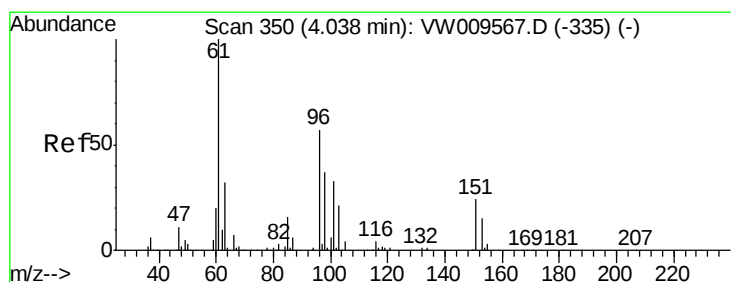
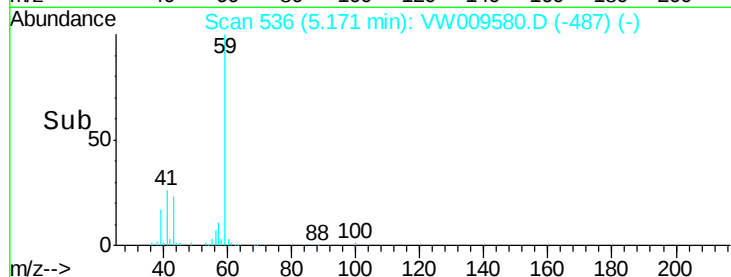
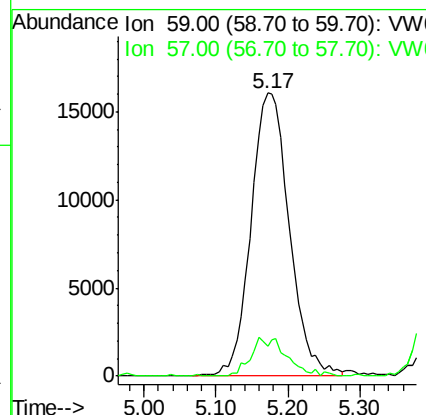
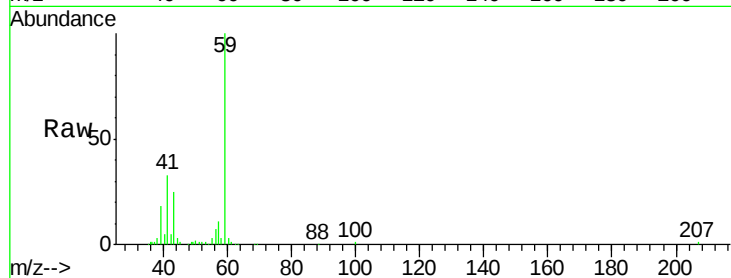


#11

Tert butyl alcohol
 Concen: 293.947 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

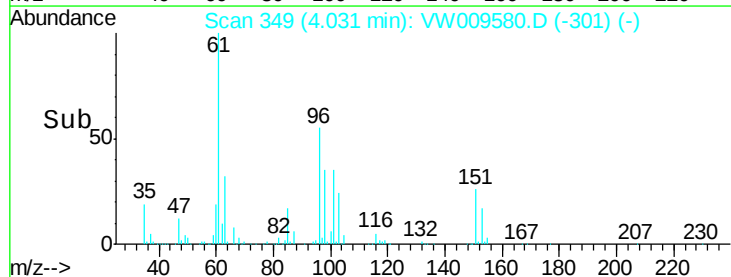
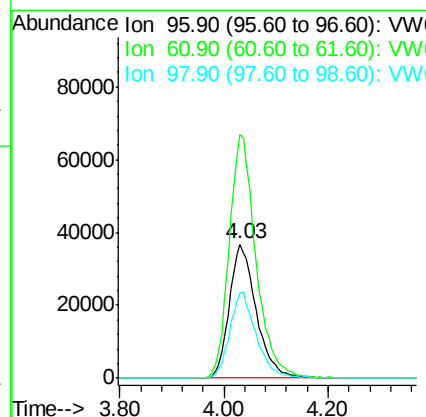
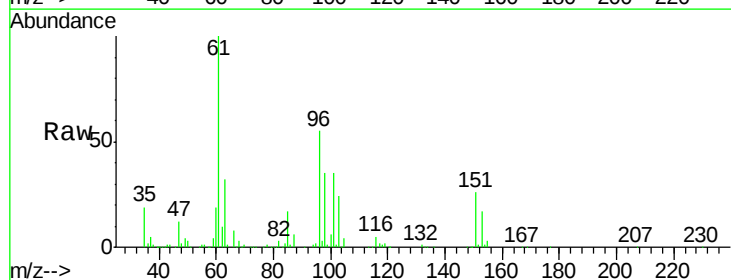
Tgt Ion: 59 Resp: 59364
 Ion Ratio Lower Upper
 59 100
 57 6.2 9.4 14.0#

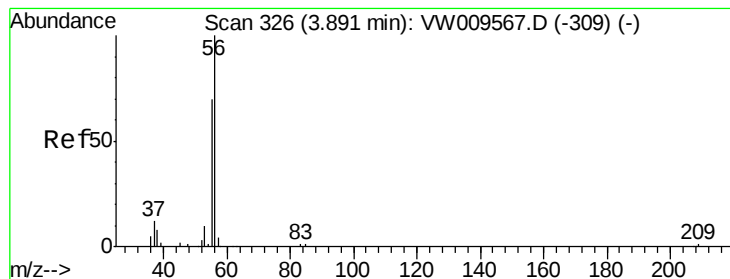


#12

1,1-Dichloroethene
 Concen: 45.269 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 96 Resp: 133092
 Ion Ratio Lower Upper
 96 100
 61 181.7 138.0 207.0
 98 63.4 49.8 74.8





#13

Acrolein

Concen: 231.534 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

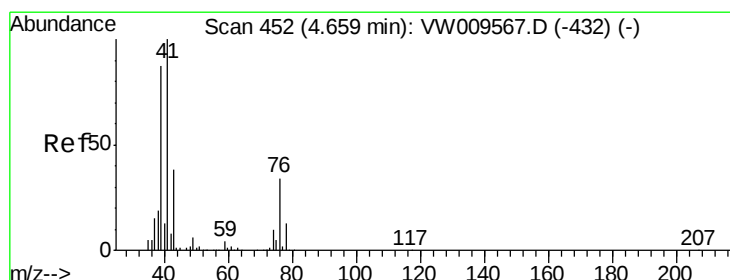
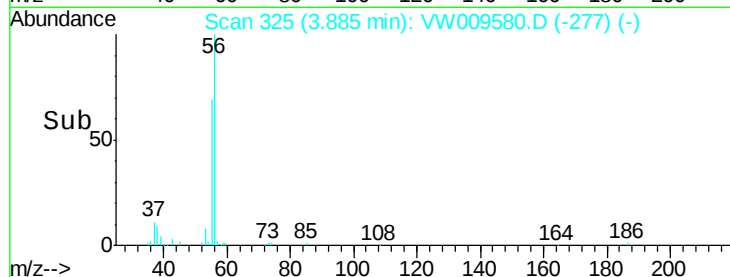
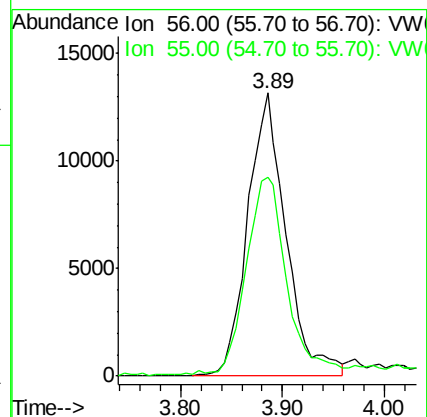
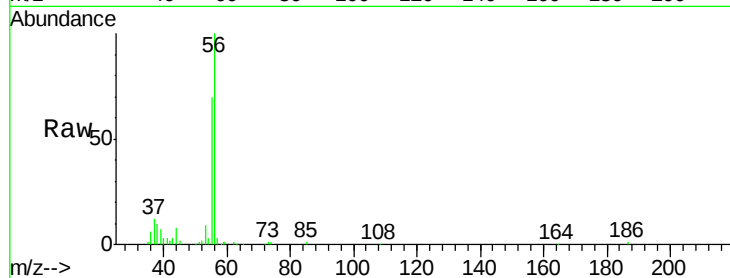
VSTDCCC050EC

Tgt Ion: 56 Resp: 34296

Ion Ratio Lower Upper

56 100

55 72.7 55.2 82.8



#14

Allyl chloride

Concen: 43.641 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

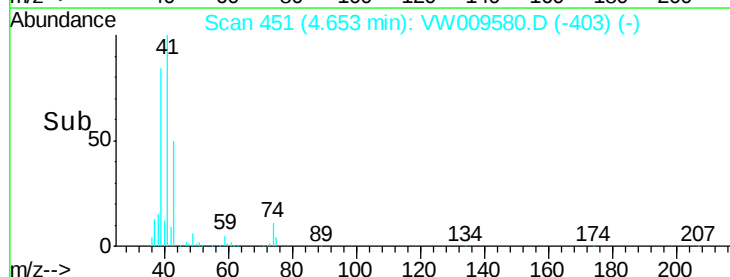
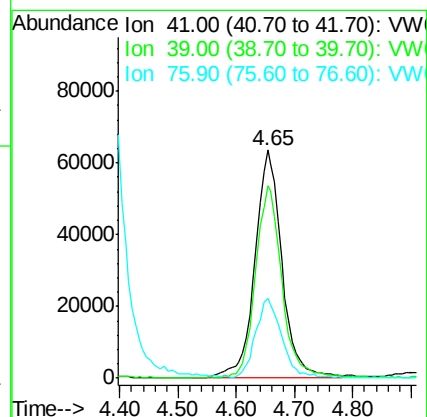
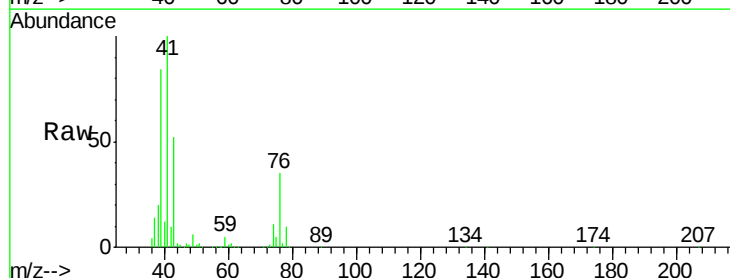
Tgt Ion: 41 Resp: 205216

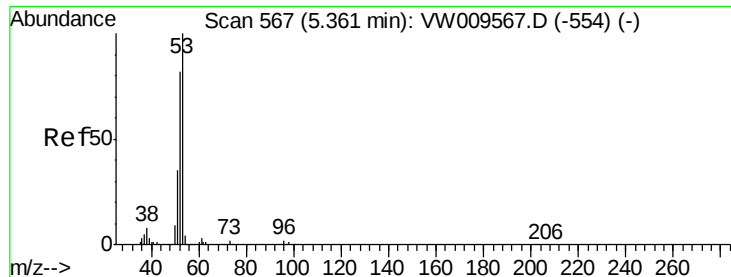
Ion Ratio Lower Upper

41 100

39 81.2 63.8 95.6

76 33.8 27.8 41.6





#15

Acrylonitrile

Concen: 267.813 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

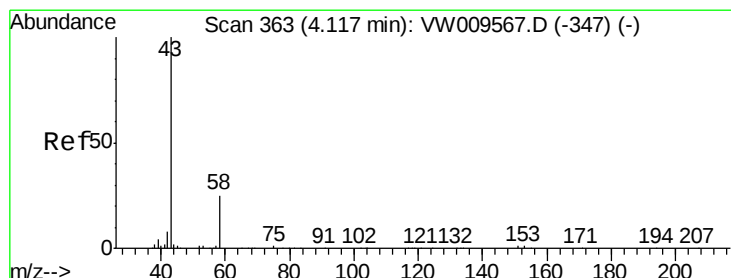
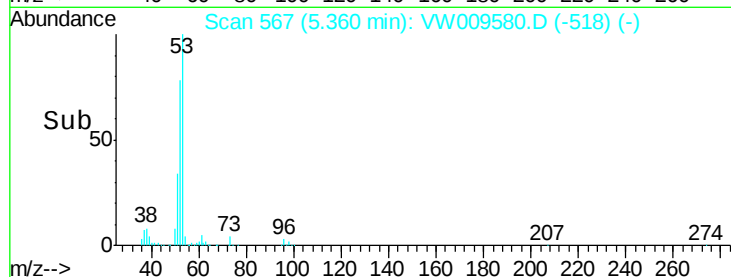
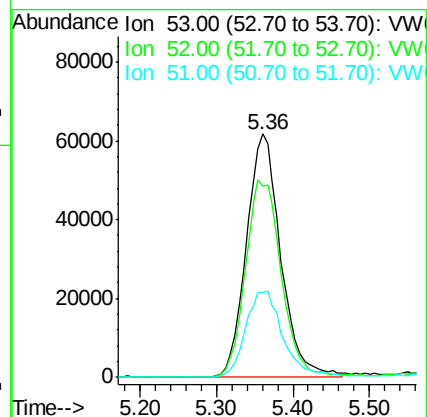
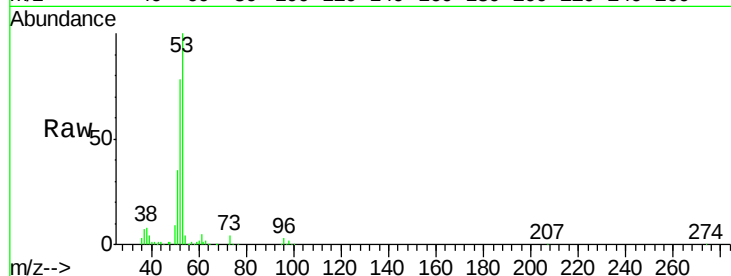
Tgt Ion: 53 Resp: 192469

Ion Ratio Lower Upper

53 100

52 84.7 67.6 101.4

51 39.0 30.6 45.8



#16

Acetone

Concen: 245.708 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009580.D

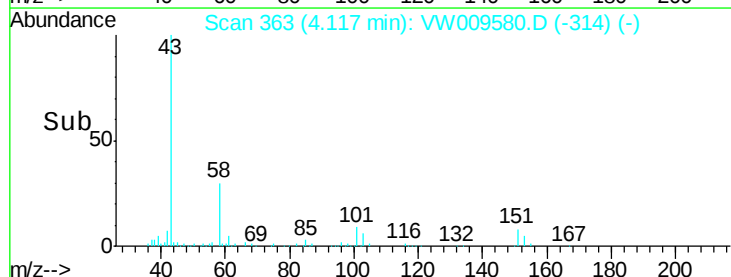
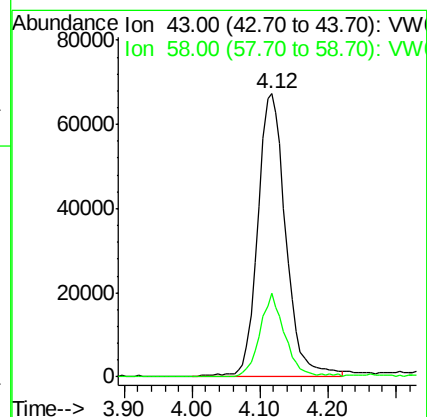
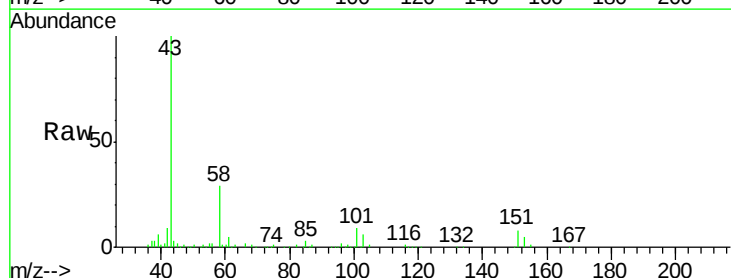
Acq: 29 Mar 2019 19:35

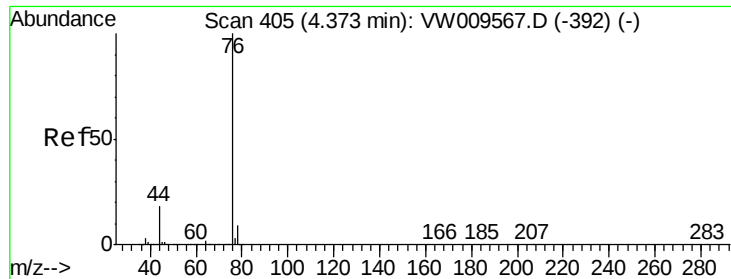
Tgt Ion: 43 Resp: 192423

Ion Ratio Lower Upper

43 100

58 29.2 23.6 35.4

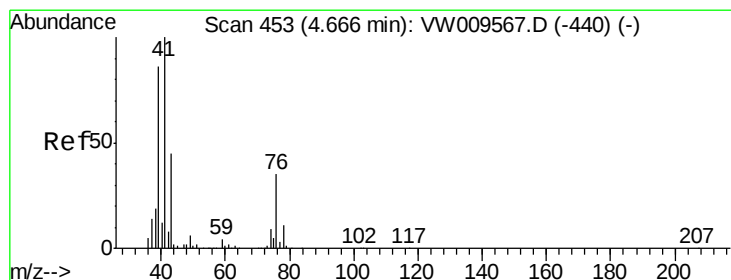
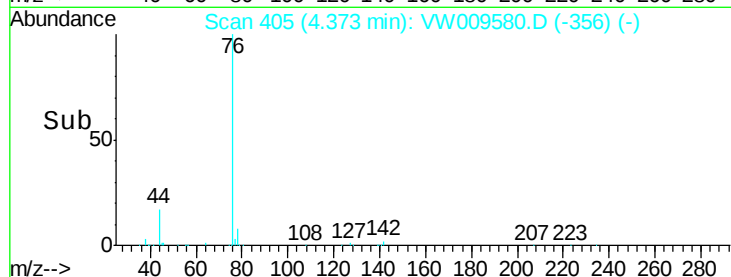
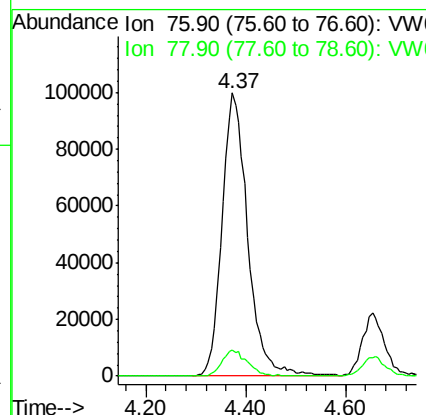
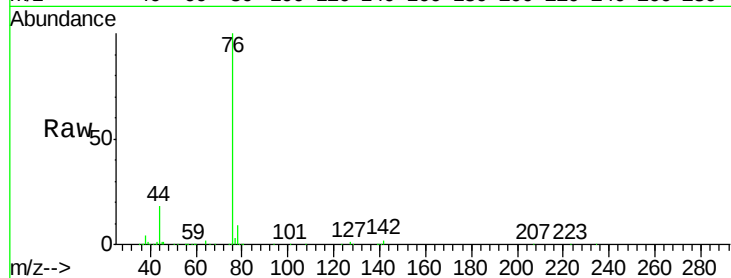




#17
Carbon Disulfide
Concen: 42.700 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

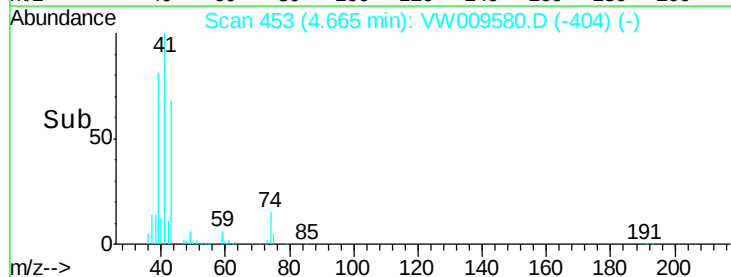
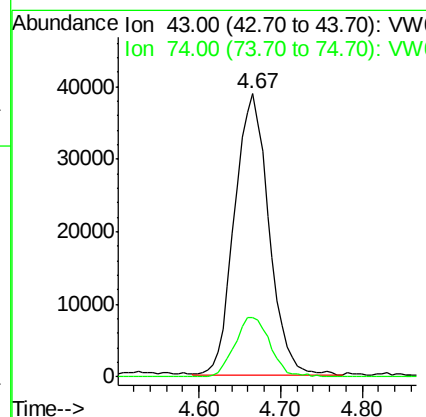
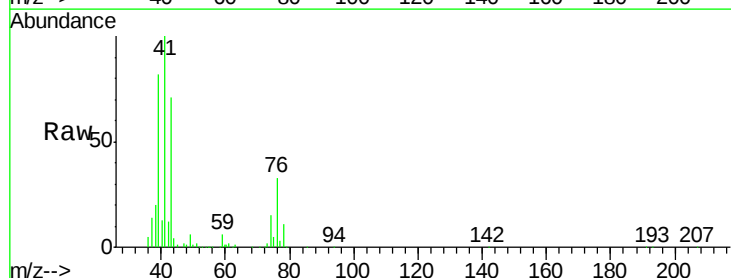
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

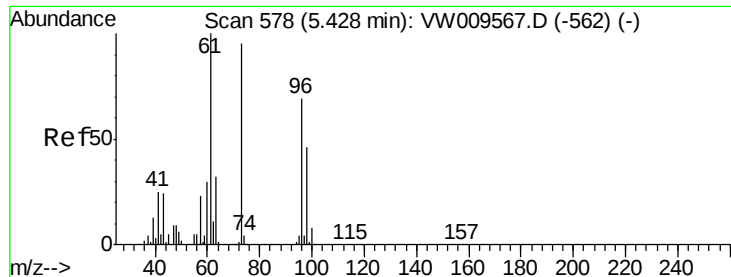
Tgt Ion: 76 Resp: 357205
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8



#18
Methyl Acetate
Concen: 59.810 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 43 Resp: 113224
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5



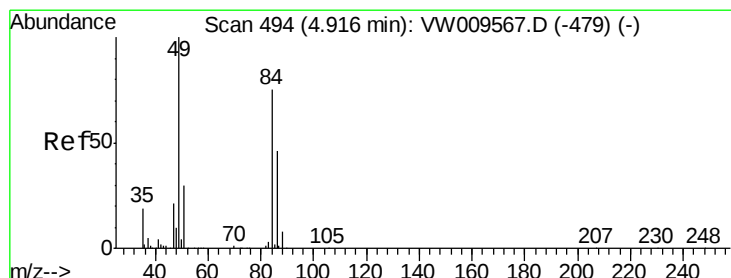
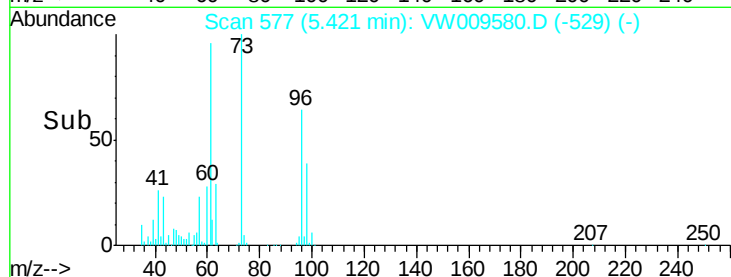
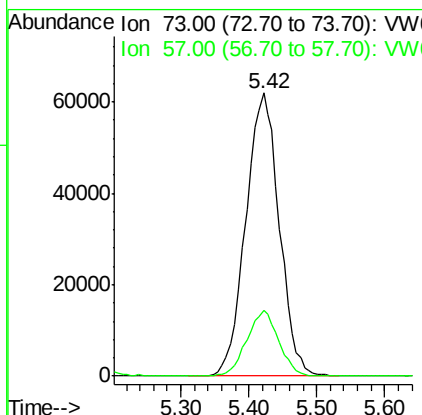
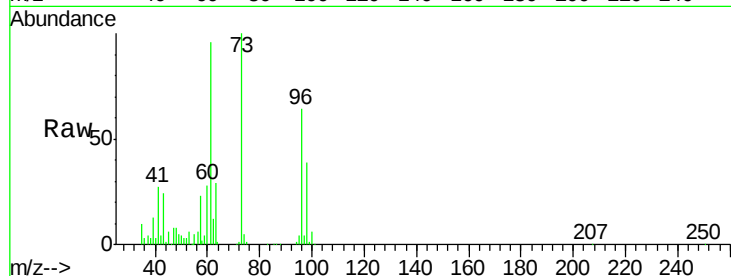


#19

Methyl tert-butyl Ether
 Concen: 51.889 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

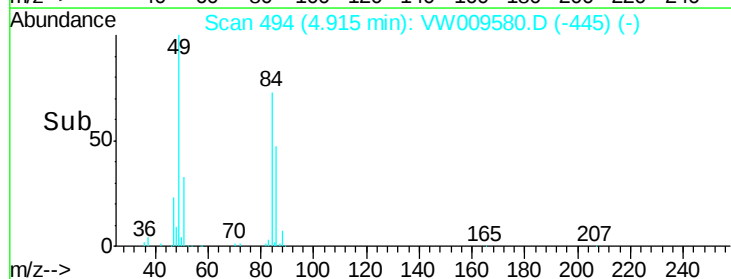
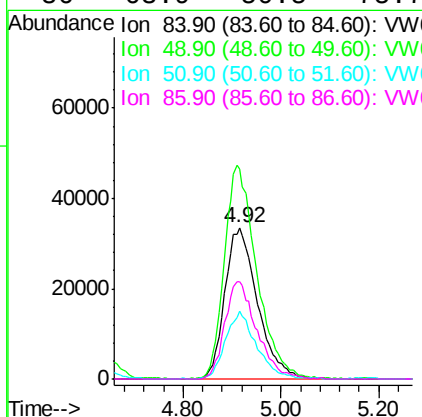
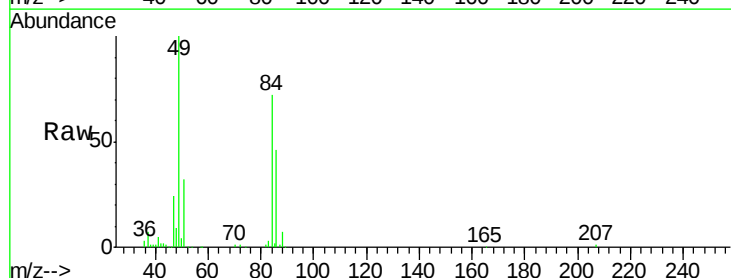
Tgt Ion: 73 Resp: 212174
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.0 25.6

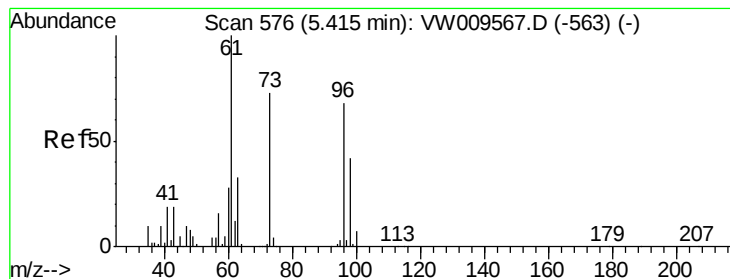


#20

Methylene Chloride
 Concen: 50.579 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 84 Resp: 155258
 Ion Ratio Lower Upper
 84 100
 49 138.1 99.1 148.7
 51 44.3 28.7 43.1#
 86 63.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.351 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

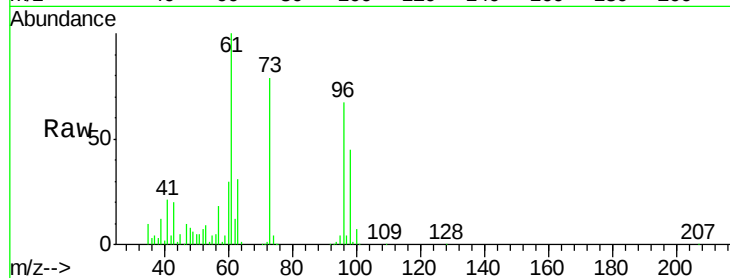
Tgt Ion: 96 Resp: 147808

Ion Ratio Lower Upper

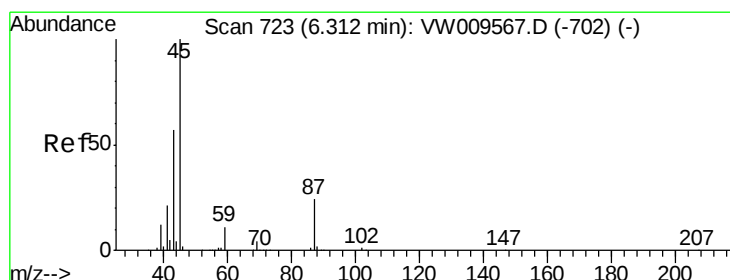
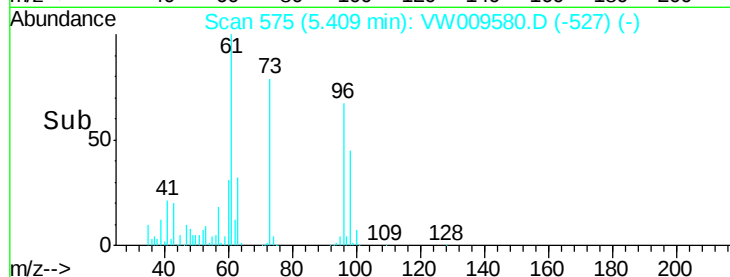
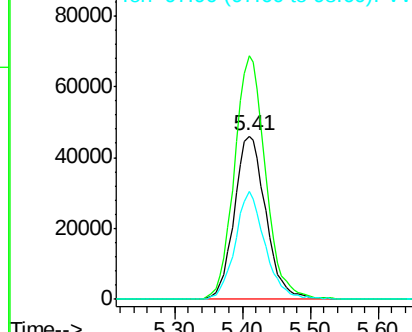
96 100

61 149.2 108.2 162.4

98 66.4 50.9 76.3



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: 51.540 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Tgt Ion: 45 Resp: 523410

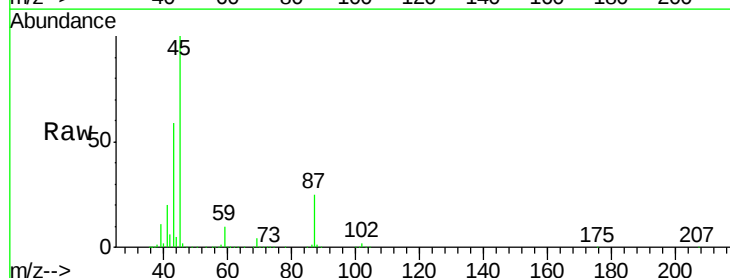
Ion Ratio Lower Upper

45 100

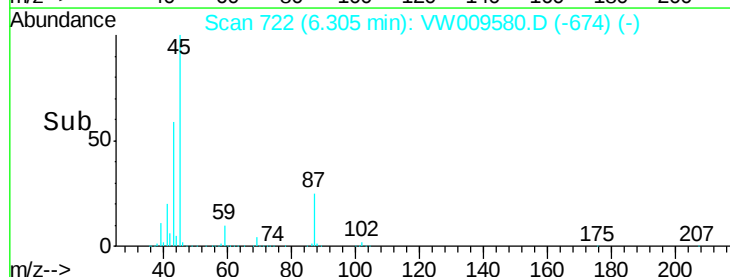
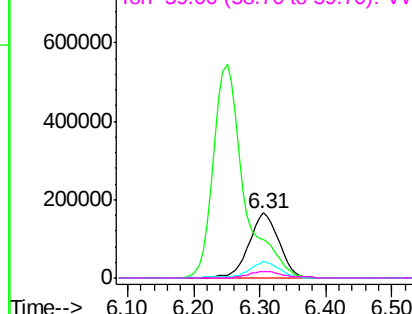
43 58.8 47.9 71.9

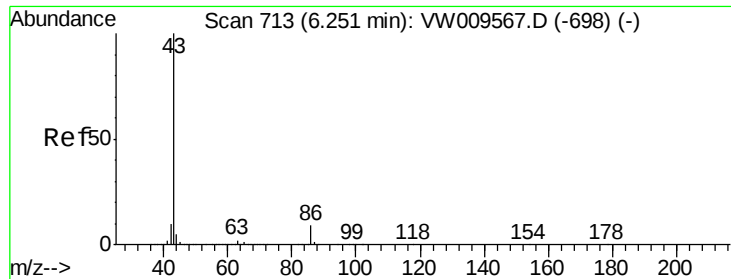
87 24.8 20.6 30.8

59 10.1 9.0 13.4



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: 277.799 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

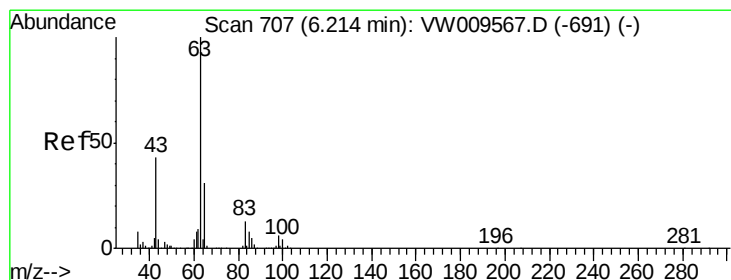
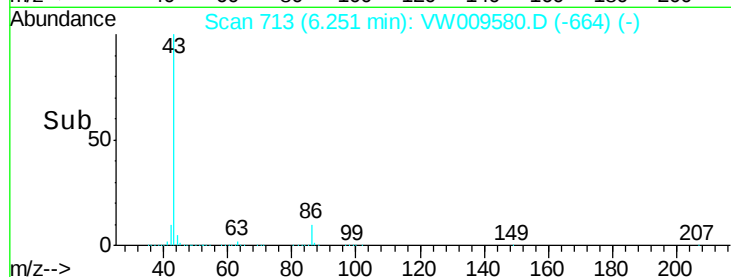
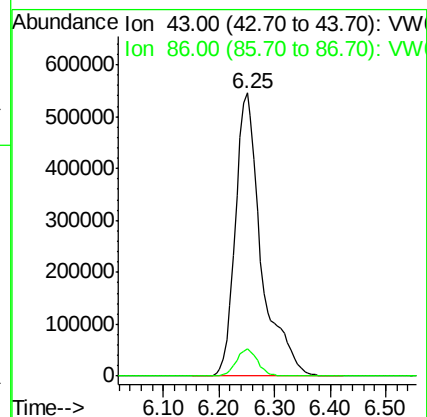
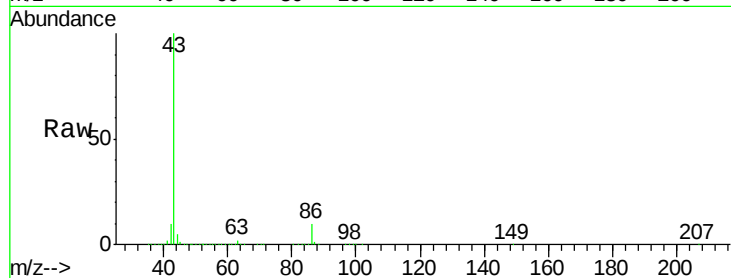
VSTDCCC050EC

Tgt Ion: 43 Resp: 1759957

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 48.640 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

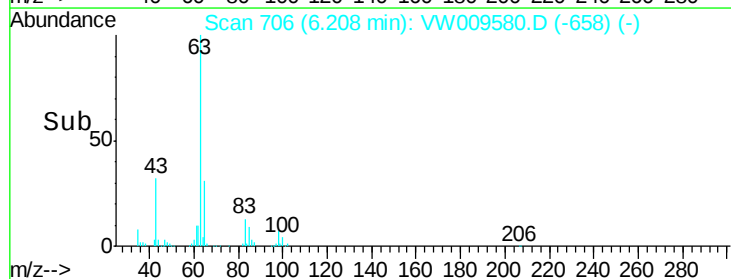
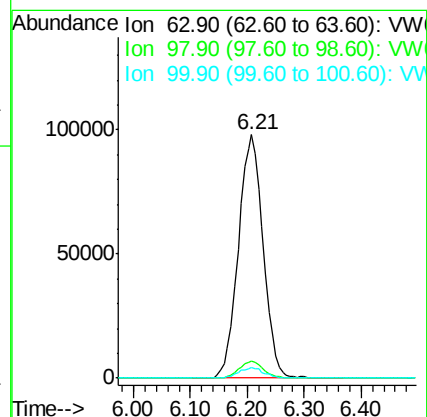
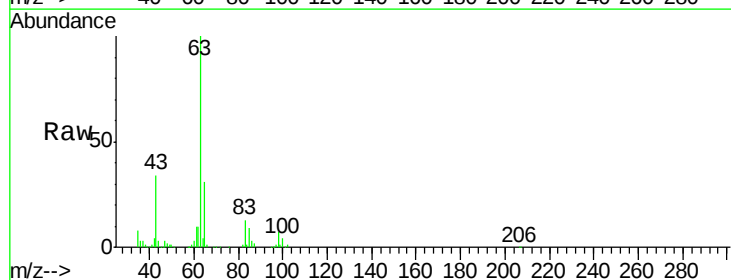
Tgt Ion: 63 Resp: 297305

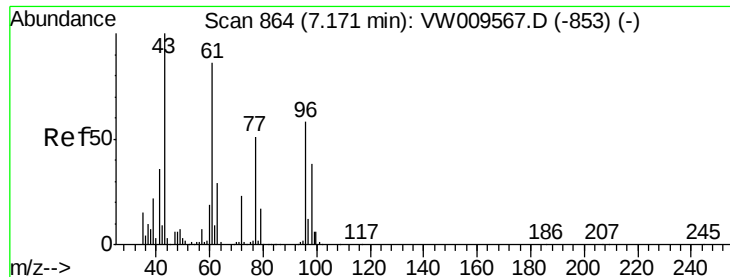
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 285.577 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

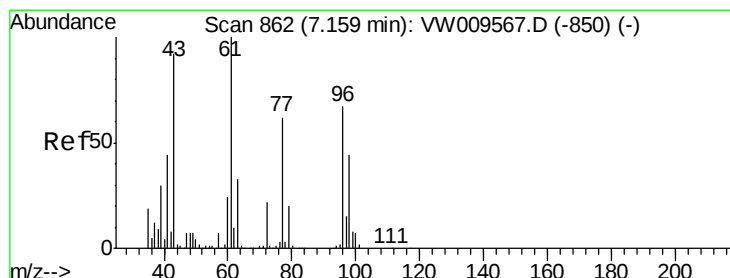
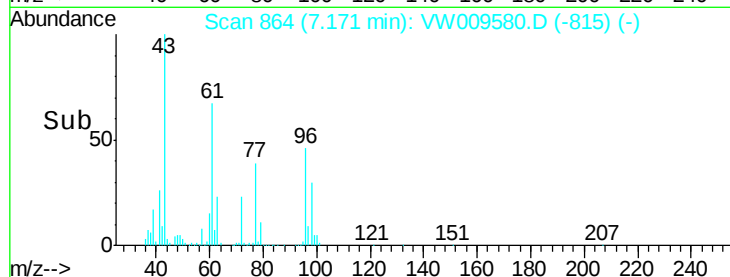
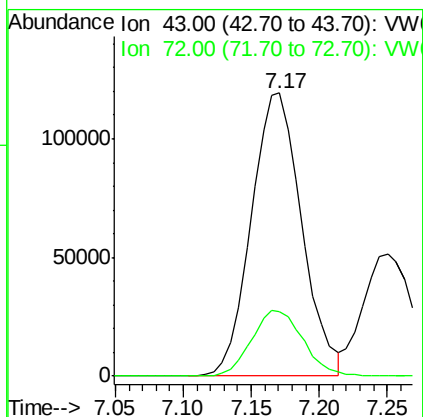
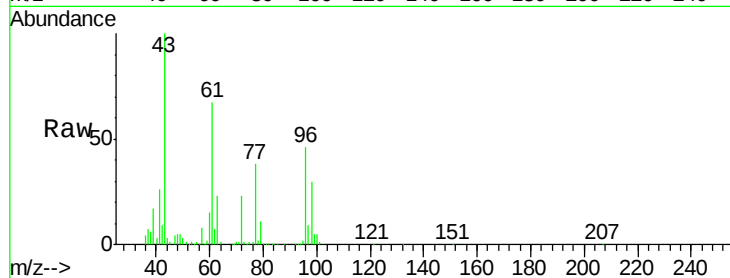
VSTDCCC050EC

Tgt Ion: 43 Resp: 309052

Ion Ratio Lower Upper

43 100

72 22.6 20.0 30.0



#26

2,2-Dichloropropane

Concen: 44.981 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW009580.D

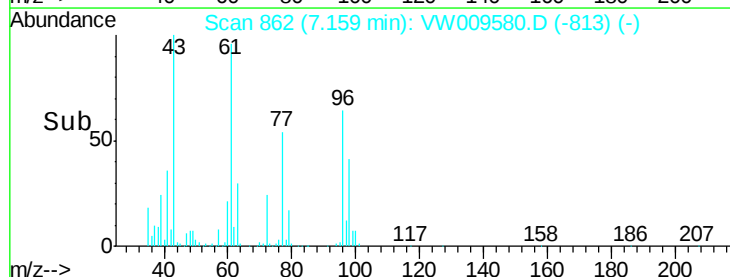
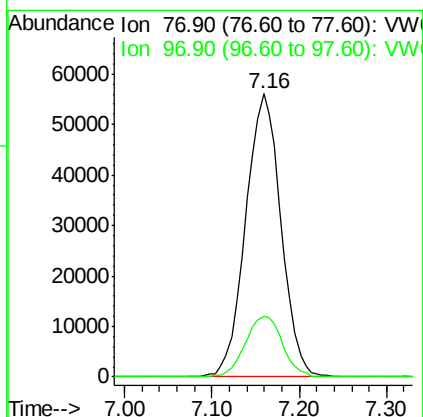
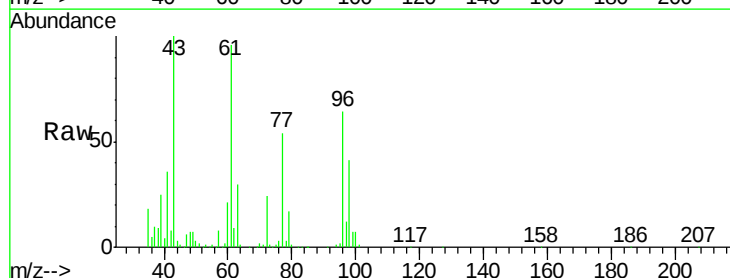
Acq: 29 Mar 2019 19:35

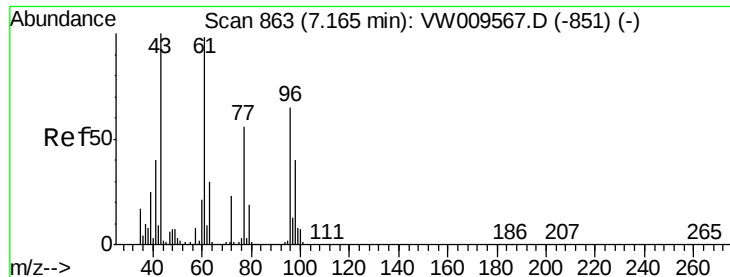
Tgt Ion: 77 Resp: 157194

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



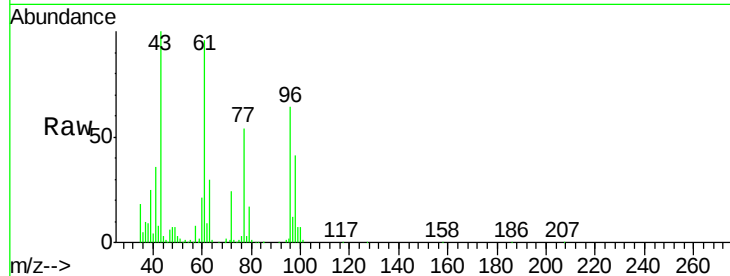


#27

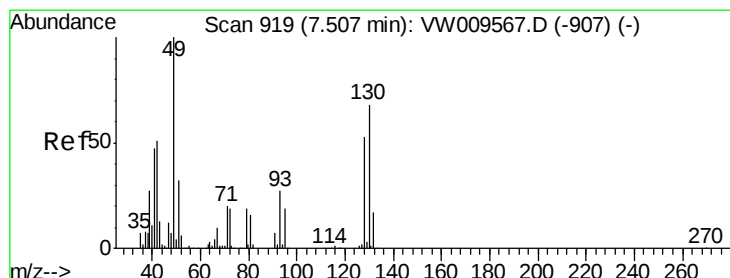
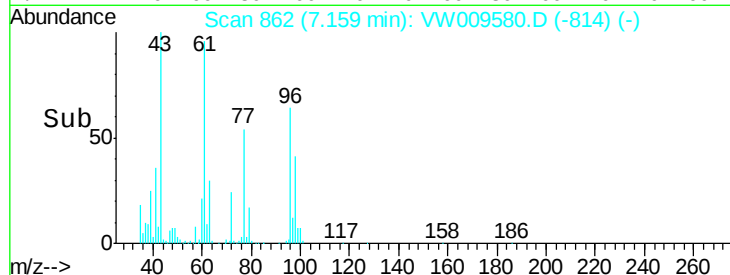
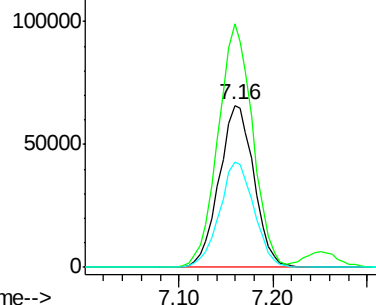
cis-1,2-Dichloroethene
Concen: 50.267 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 171359
Ion Ratio Lower Upper
96 100
61 149.4 0.0 289.8
98 64.4 0.0 130.8



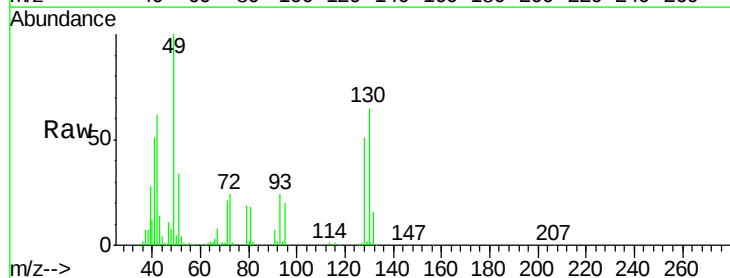
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



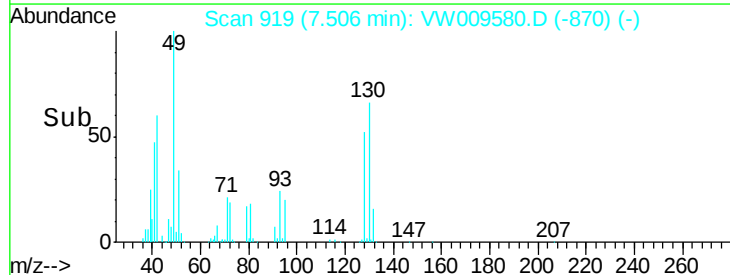
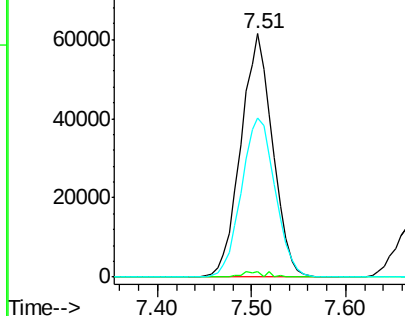
#28

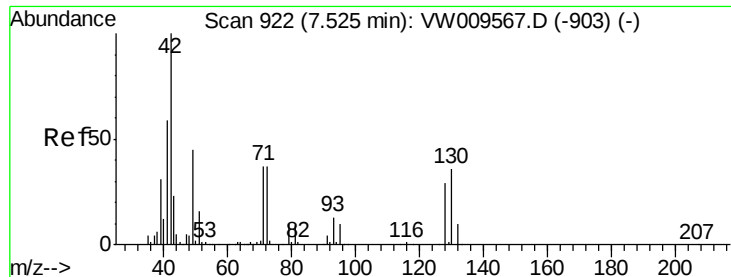
Bromochloromethane
Concen: 54.879 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 49 Resp: 145355
Ion Ratio Lower Upper
49 100
129 1.3 0.0 1.4
130 69.3 58.6 88.0



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

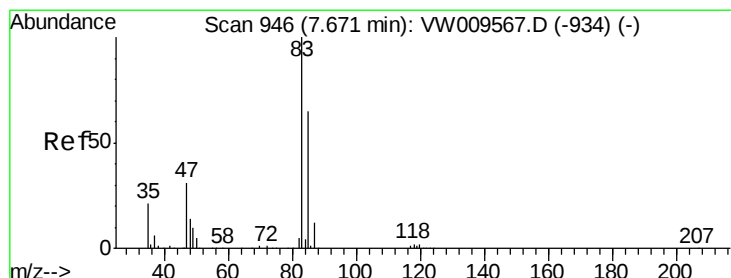
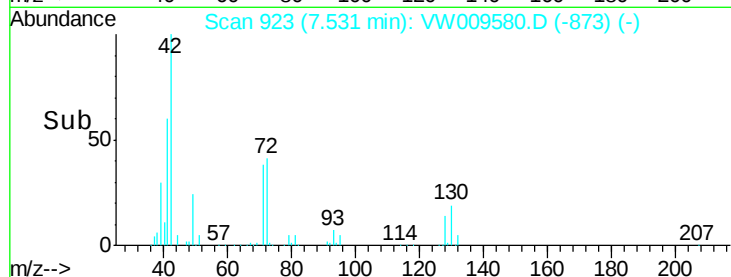
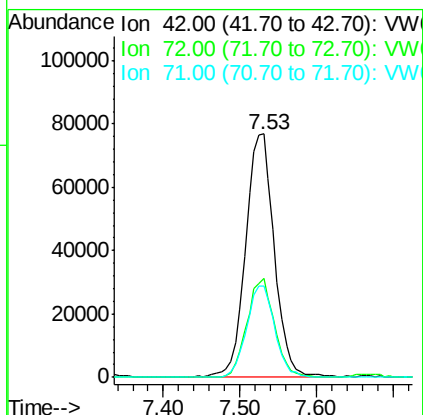
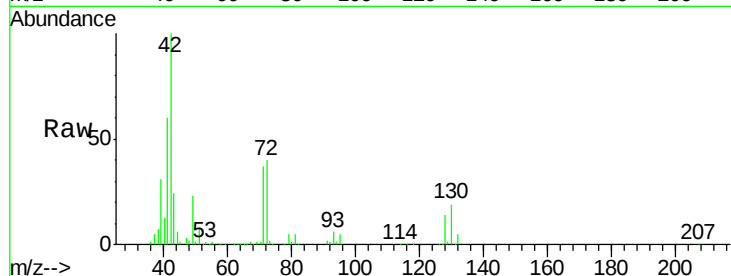




#29
Tetrahydrofuran
Concen: 297.114 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

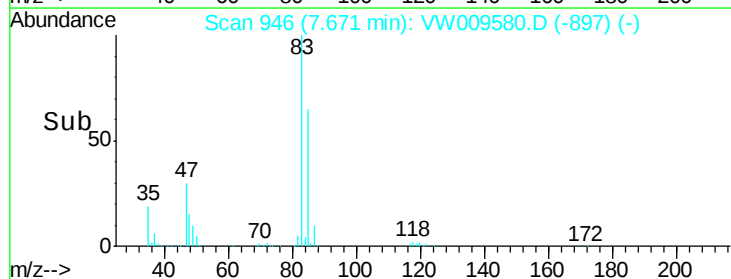
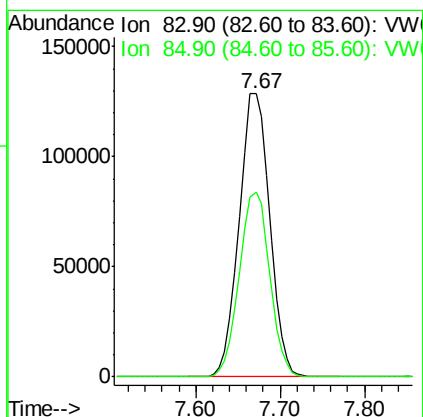
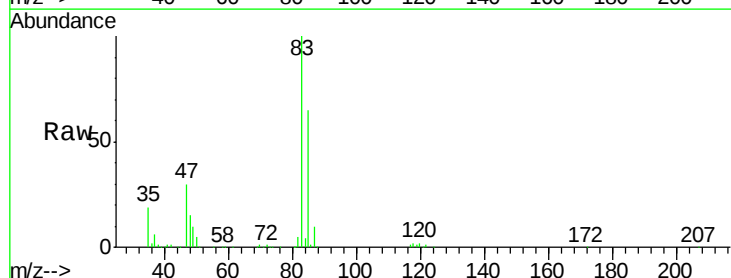
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

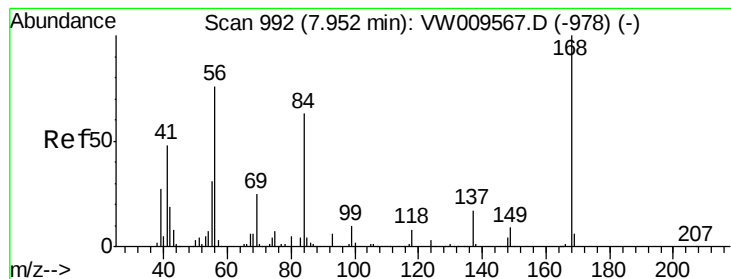
Tgt Ion: 42 Resp: 199655
Ion Ratio Lower Upper
42 100
72 39.3 32.4 48.6
71 37.3 30.1 45.1



#30
Chloroform
Concen: 49.832 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 83 Resp: 315469
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6





#31

Cyclohexane

Concen: 43.317 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

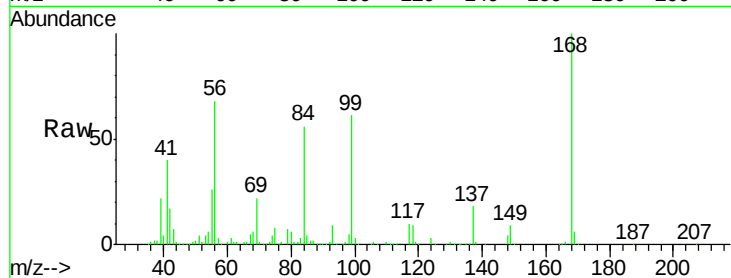
Tgt Ion: 56 Resp: 248224

Ion Ratio Lower Upper

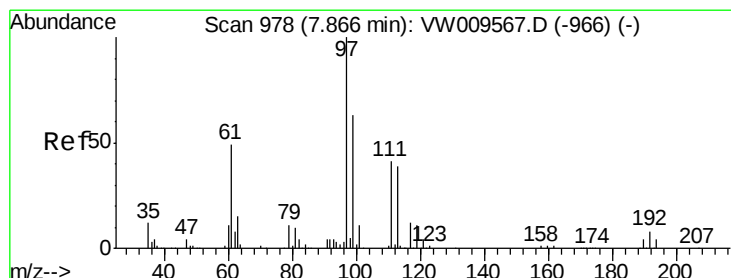
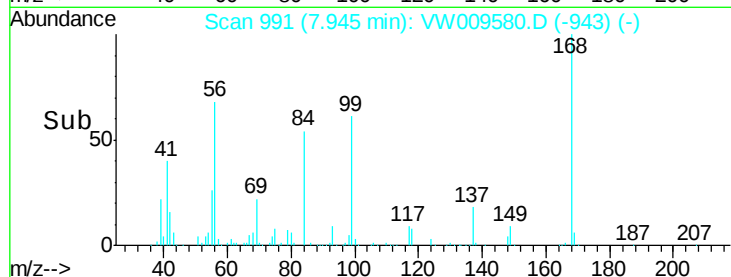
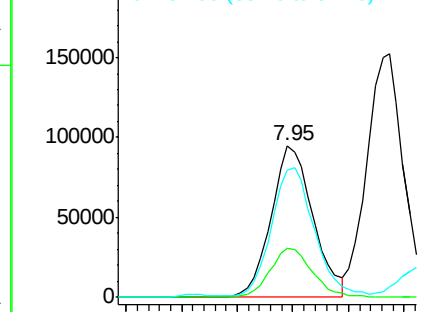
56 100

69 32.2 26.1 39.1

84 81.0 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: 46.273 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

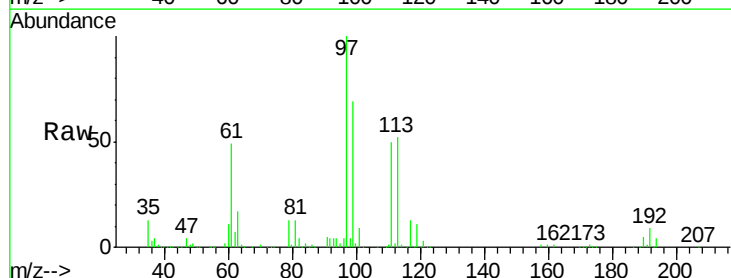
Tgt Ion: 97 Resp: 237154

Ion Ratio Lower Upper

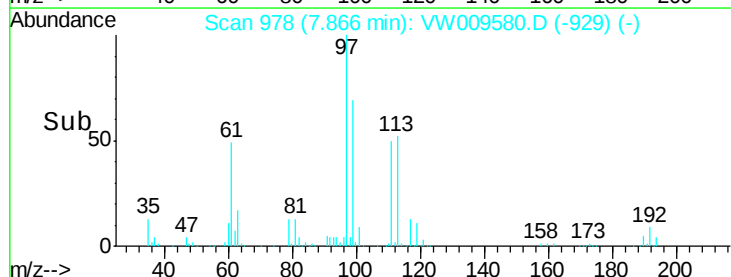
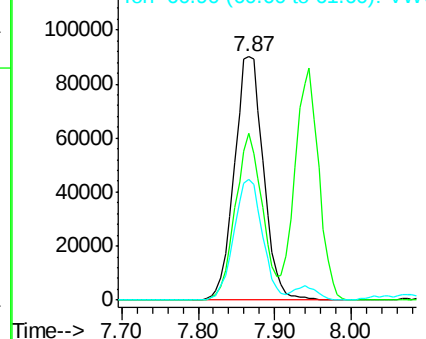
97 100

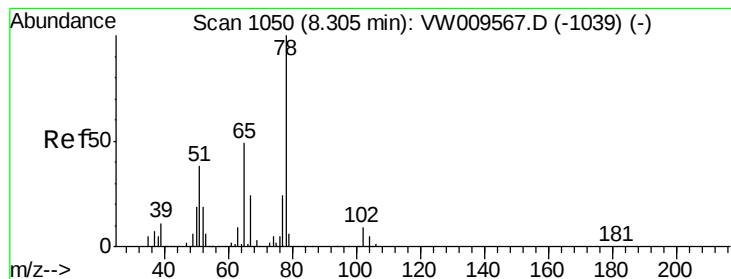
99 63.1 51.9 77.9

61 48.9 36.8 55.2



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





#33

1,2-Dichloroethane-d4

Concen: 52.685 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

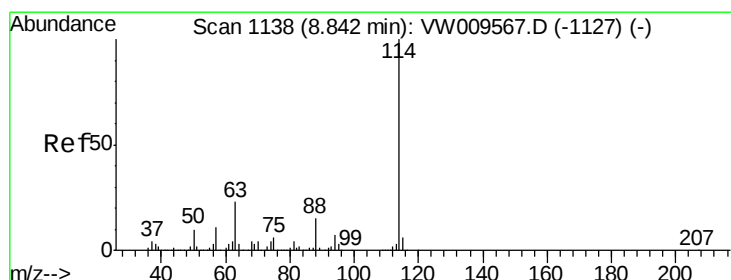
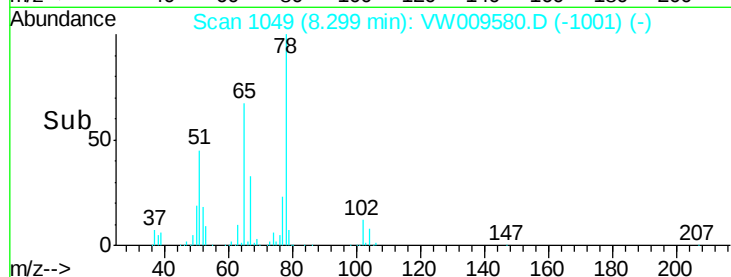
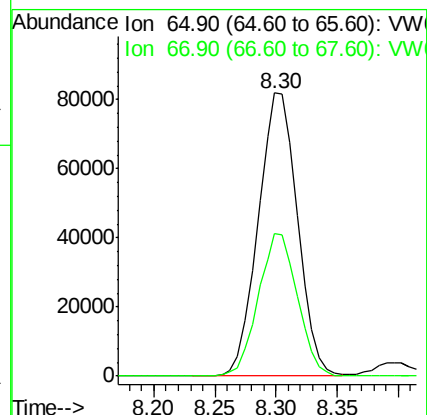
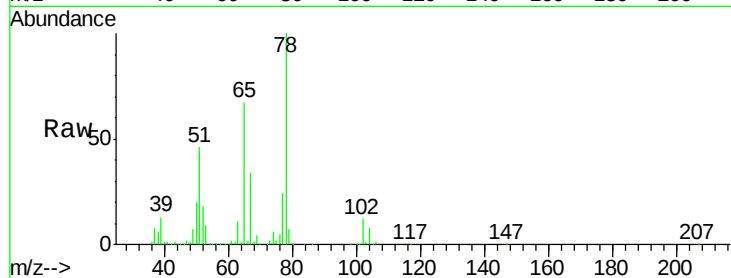
VSTDCCC050EC

Tgt Ion: 65 Resp: 183511

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

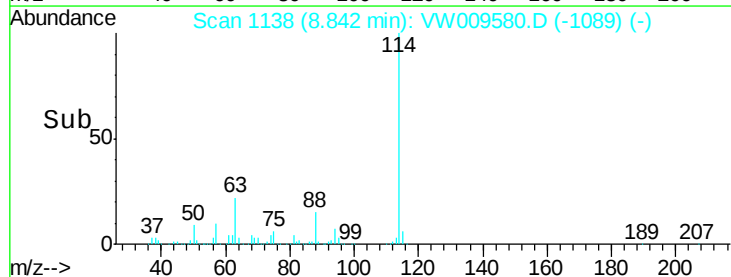
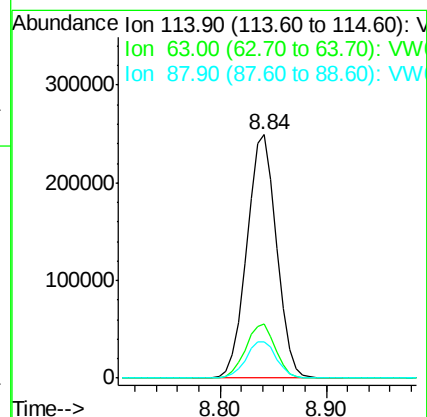
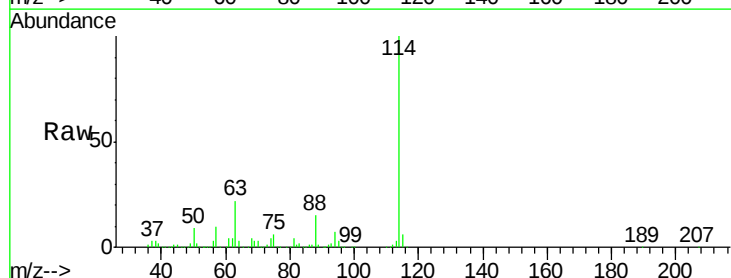
Tgt Ion: 114 Resp: 488587

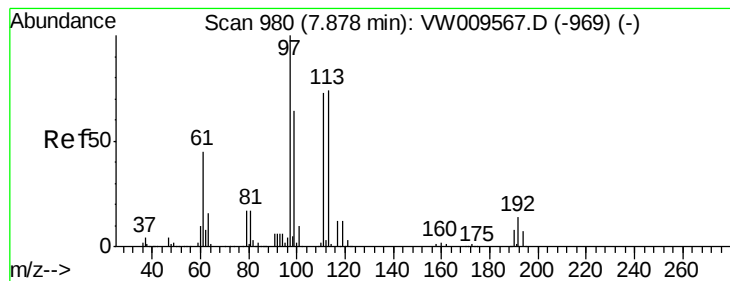
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.363 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

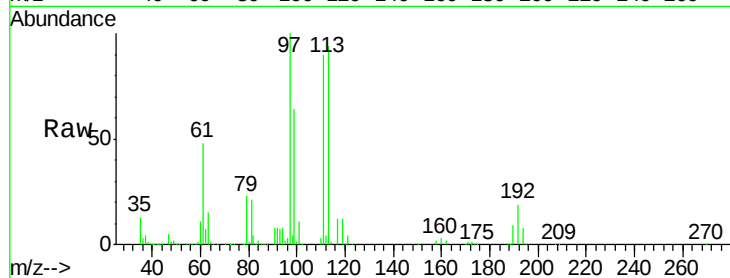
Tgt Ion:113 Resp: 151482

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

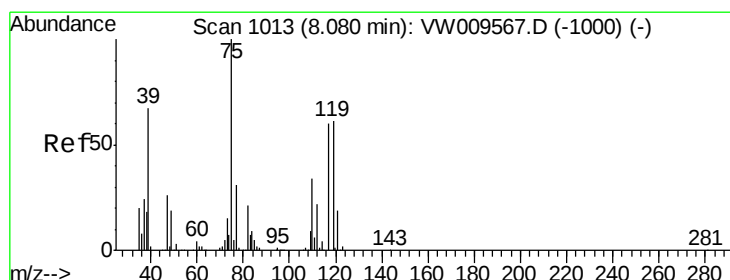
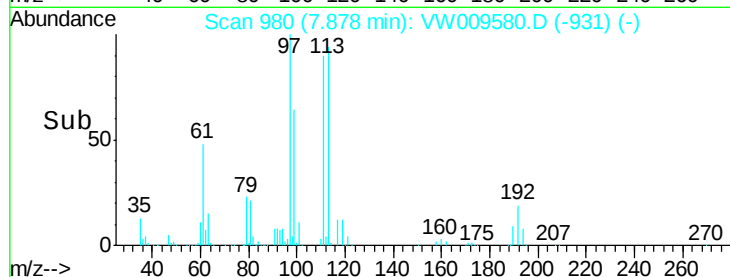
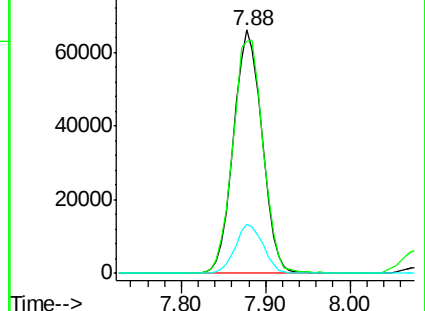
192 19.7 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.000 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

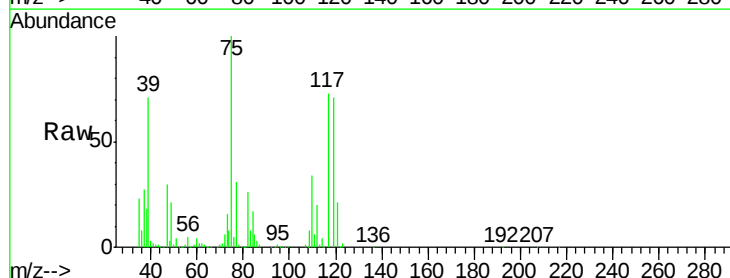
Tgt Ion: 75 Resp: 232467

Ion Ratio Lower Upper

75 100

110 33.3 16.8 50.4

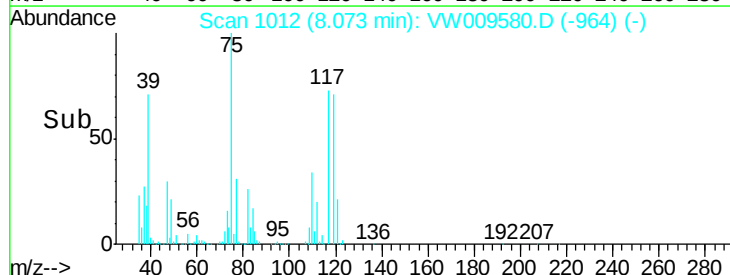
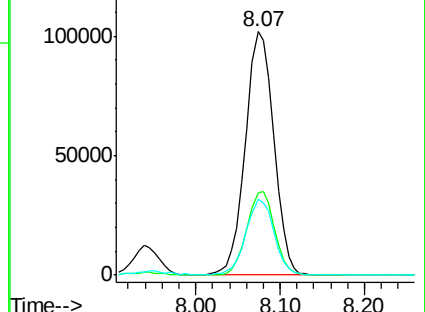
77 31.1 24.6 36.8

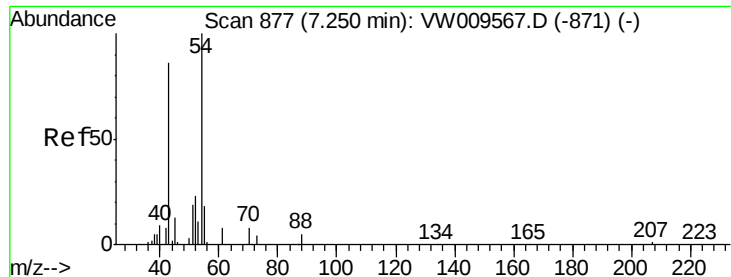


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

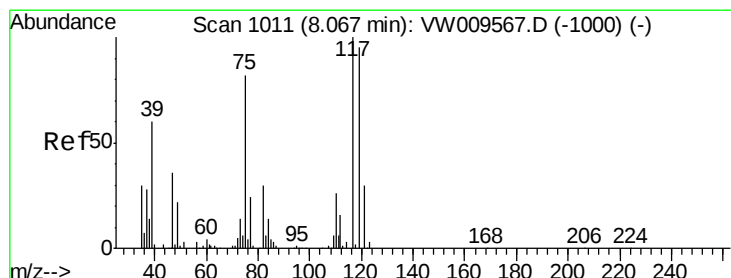
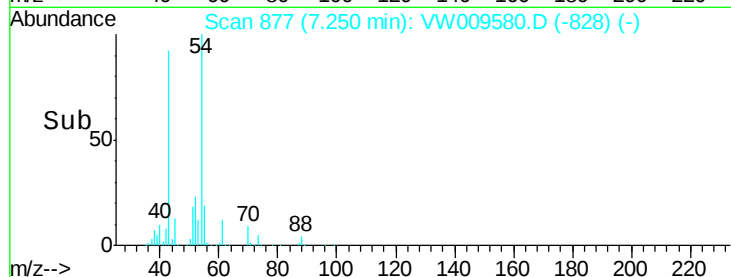
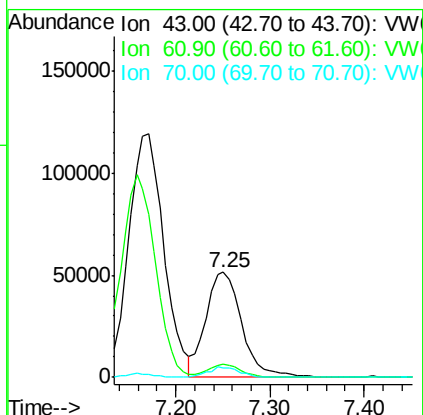
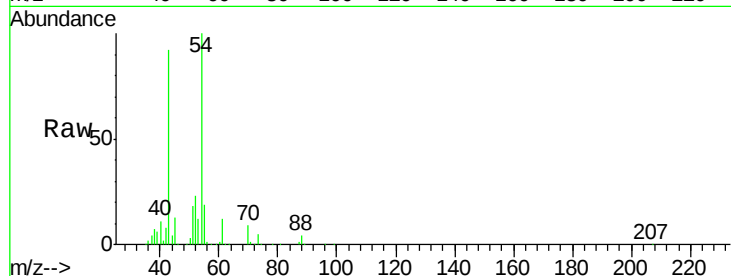




#37
Ethyl Acetate
Concen: 56.219 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

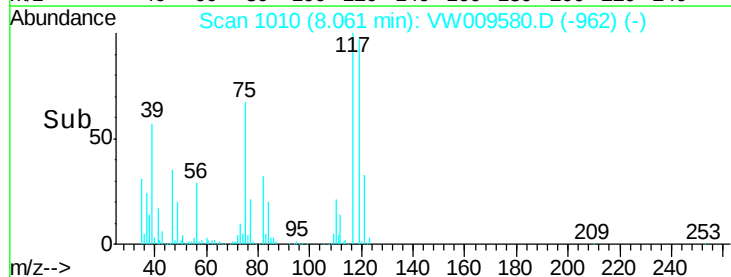
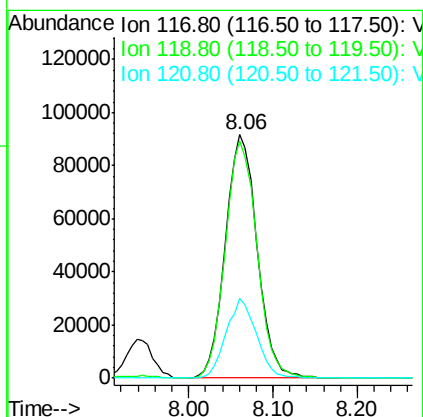
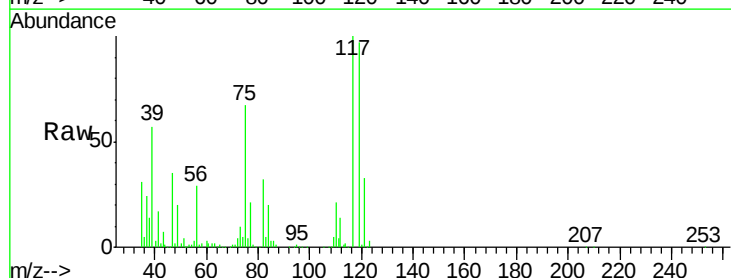
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

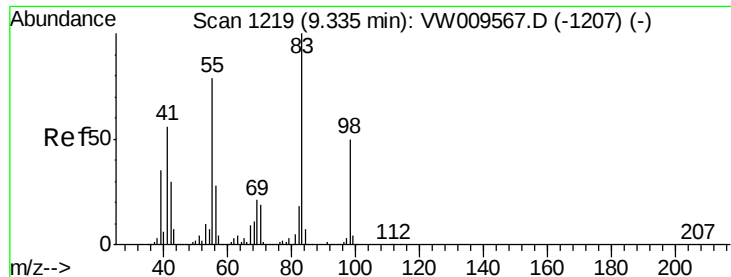
Tgt Ion: 43 Resp: 134978
Ion Ratio Lower Upper
43 100
61 12.3 10.0 15.0
70 8.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.126 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 117 Resp: 233674
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
121 32.6 24.9 37.3

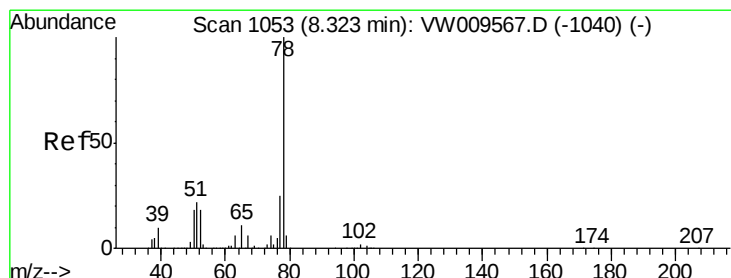
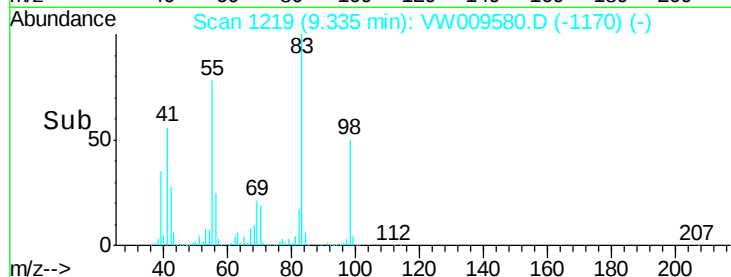
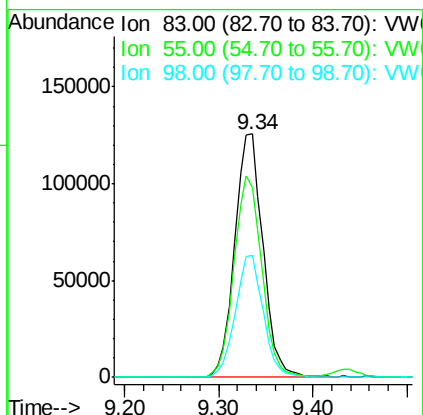
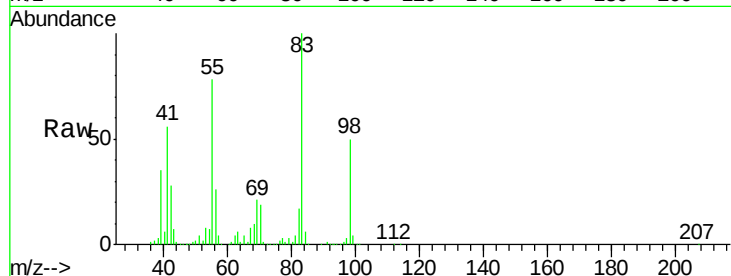




#39
Methylcyclohexane
Concen: 45.675 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

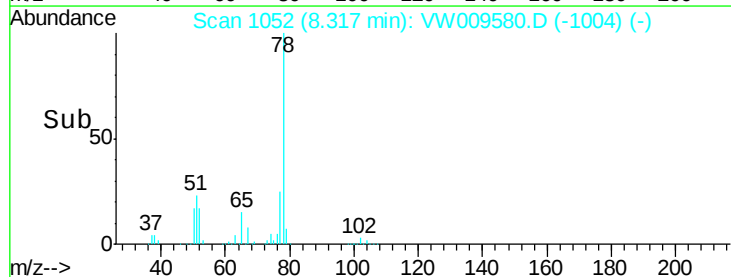
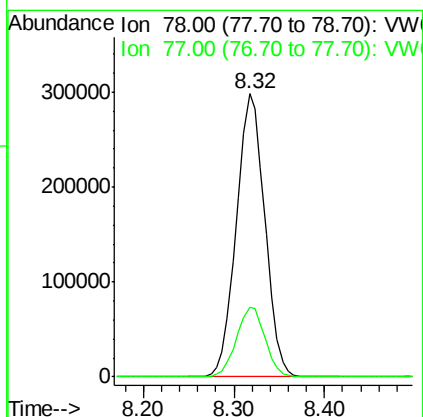
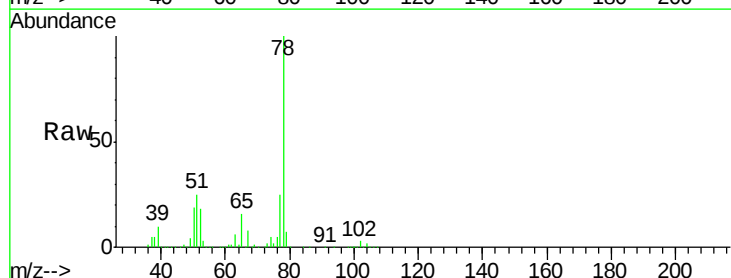
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

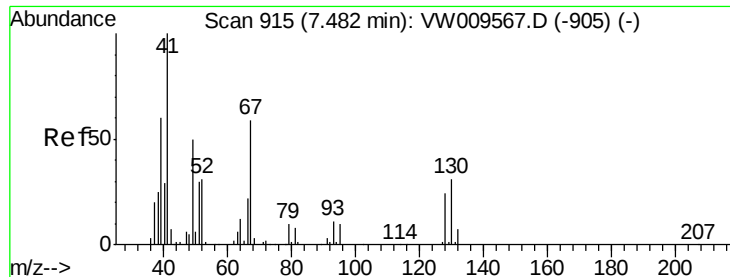
Tgt Ion: 83 Resp: 263664
Ion Ratio Lower Upper
83 100
55 78.2 61.1 91.7
98 50.1 39.0 58.4



#40
Benzene
Concen: 47.328 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 78 Resp: 647842
Ion Ratio Lower Upper
78 100
77 24.8 19.8 29.6





#41

Methacrylonitrile

Concen: 46.653 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 72500

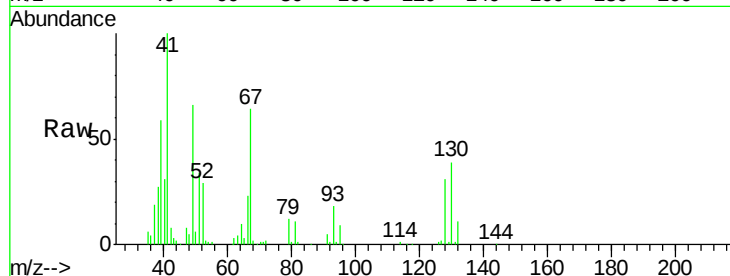
Ion Ratio Lower Upper

41 100

39 67.2 52.5 78.7

67 69.1 56.6 84.8

52 33.6 27.2 40.8

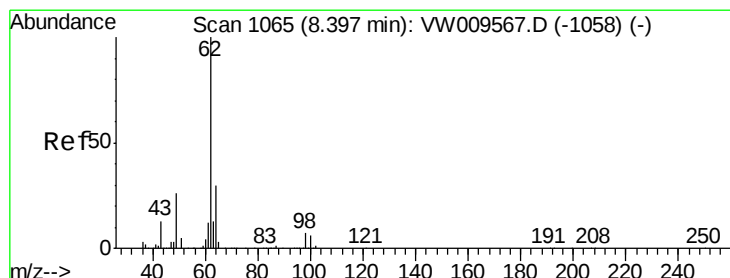
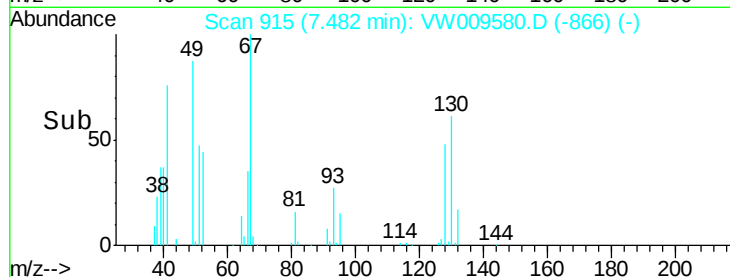
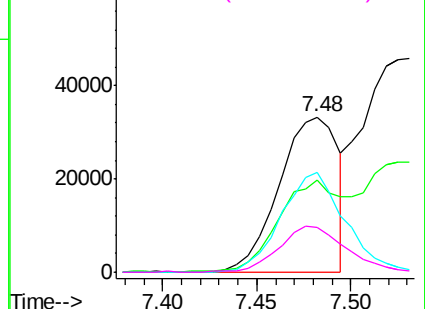


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.619 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW009580.D

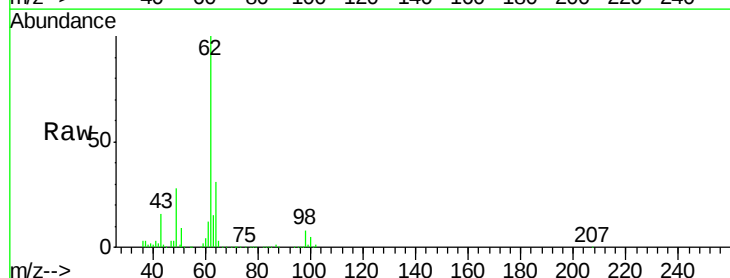
Acq: 29 Mar 2019 19:35

Tgt Ion: 62 Resp: 236221

Ion Ratio Lower Upper

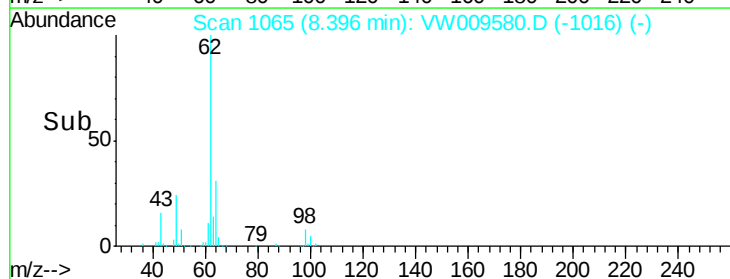
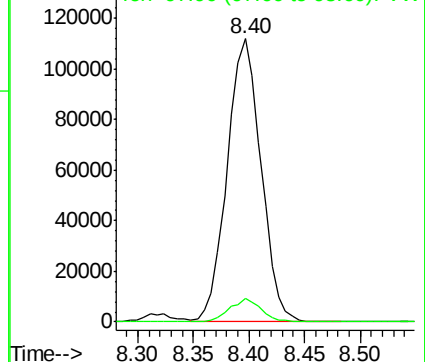
62 100

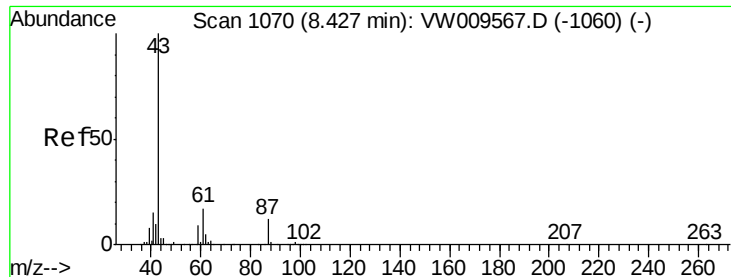
98 7.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.074 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

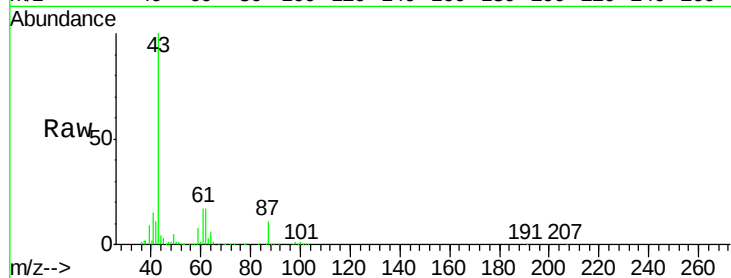
Tgt Ion: 43 Resp: 259140

Ion Ratio Lower Upper

43 100

61 27.0 22.2 33.2

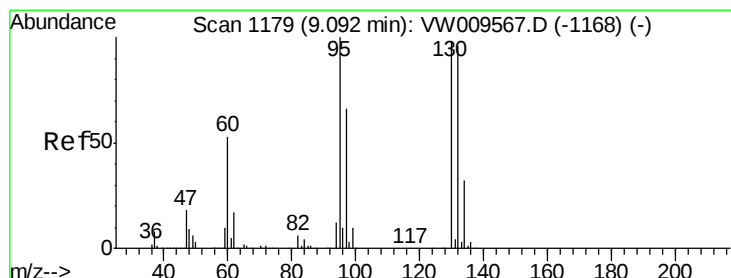
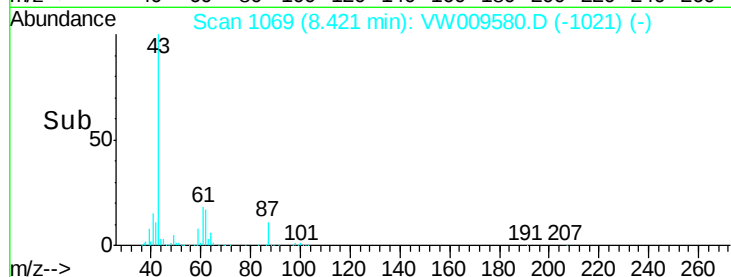
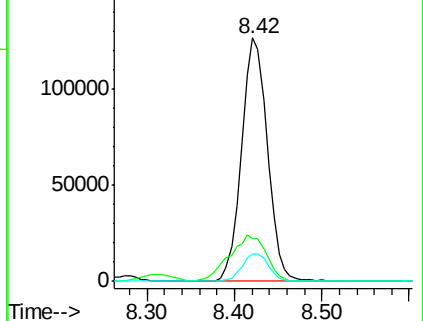
87 11.7 9.6 14.4



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: 47.121 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW009580.D

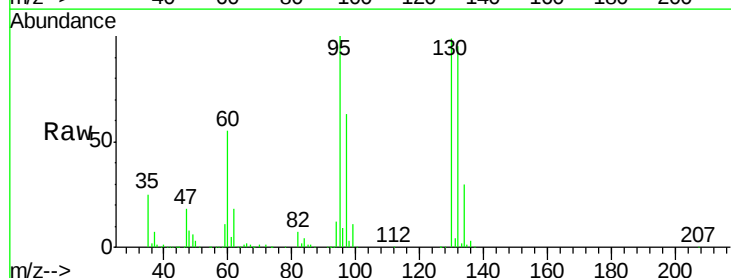
Acq: 29 Mar 2019 19:35

Tgt Ion: 130 Resp: 166986

Ion Ratio Lower Upper

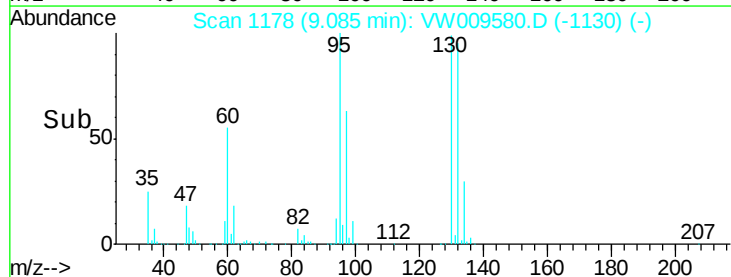
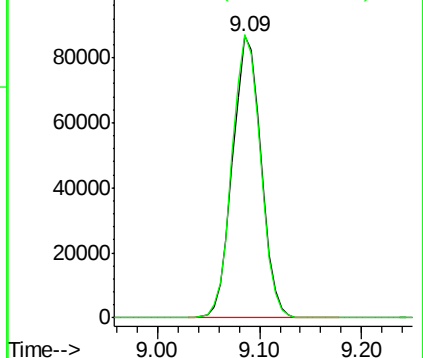
130 100

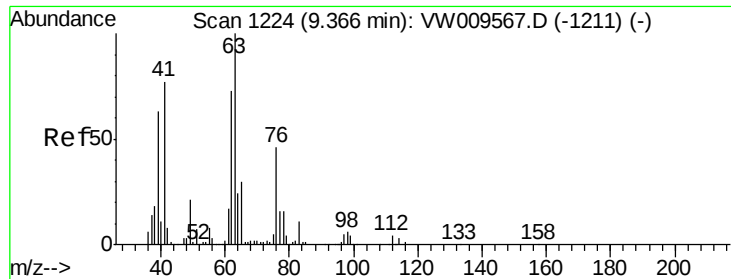
95 100.5 0.0 192.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

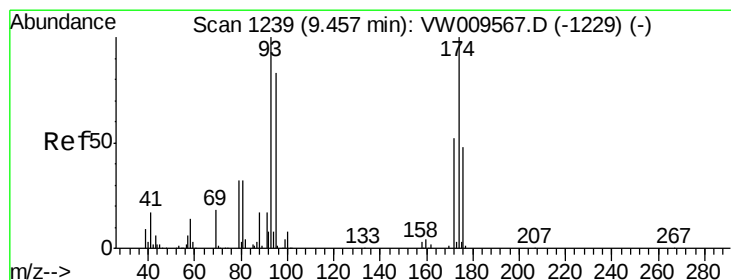
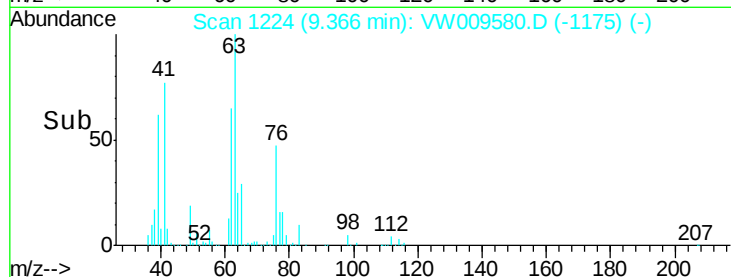
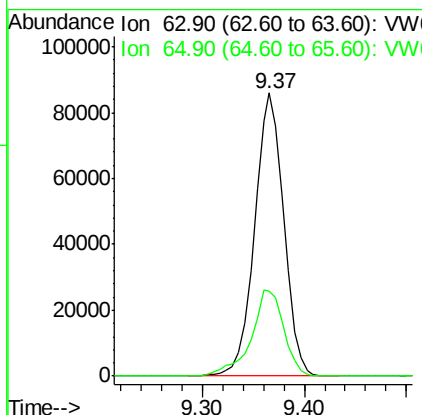
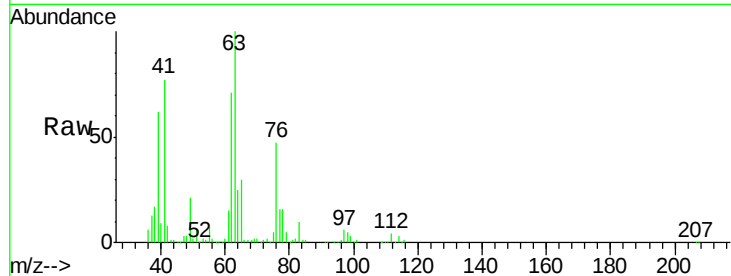




#45
 1,2-Dichloropropane
 Concen: 48.797 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

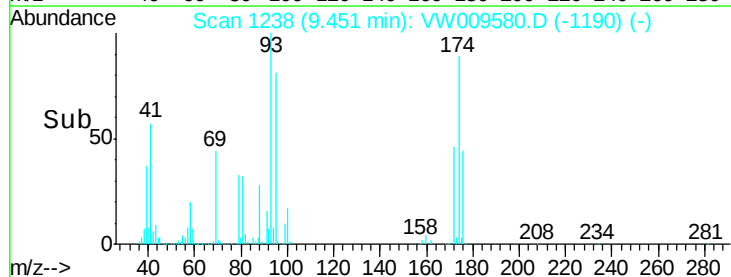
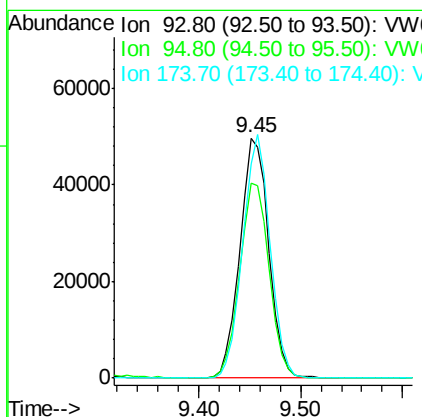
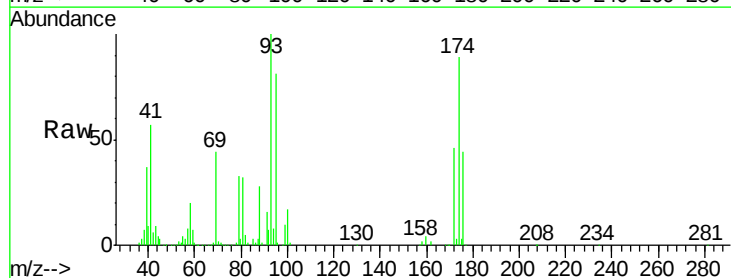
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

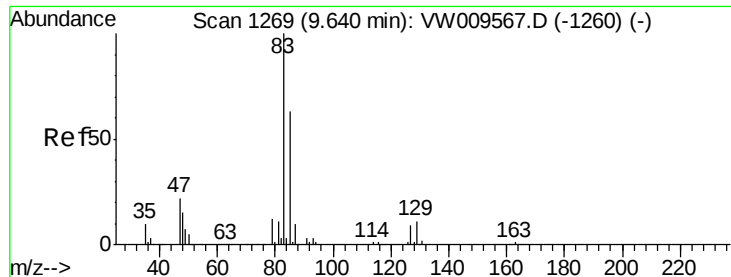
Tgt Ion: 63 Resp: 170969
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.8 38.8



#46
 Dibromomethane
 Concen: 51.300 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 93 Resp: 97369
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.9 100.3
 174 96.6 80.8 121.2





#47

Bromodichloromethane

Concen: 50.225 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

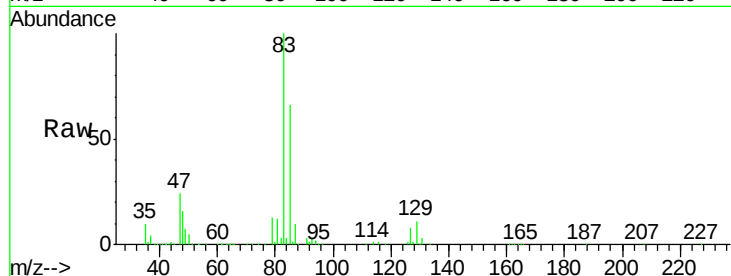
Tgt Ion: 83 Resp: 243168

Ion Ratio Lower Upper

83 100

85 65.6 52.6 79.0

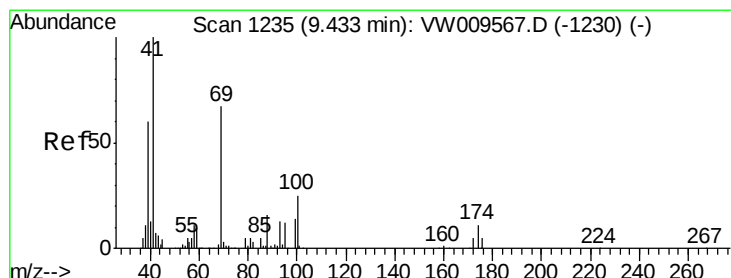
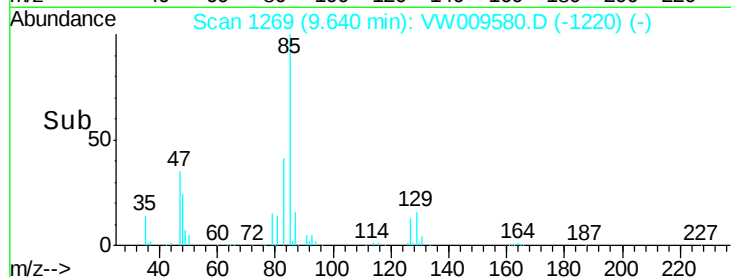
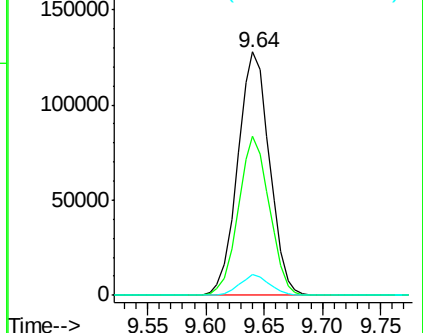
127 8.3 6.5 9.7



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: 57.335 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

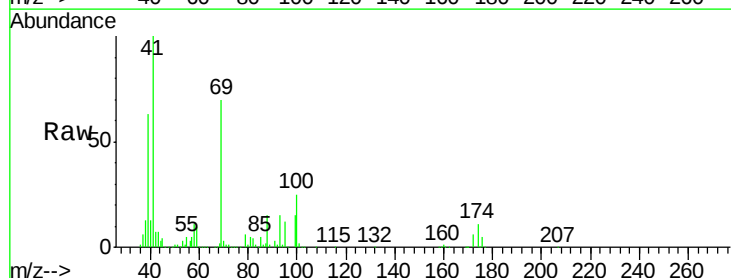
Tgt Ion: 41 Resp: 126463

Ion Ratio Lower Upper

41 100

69 75.5 63.0 94.6

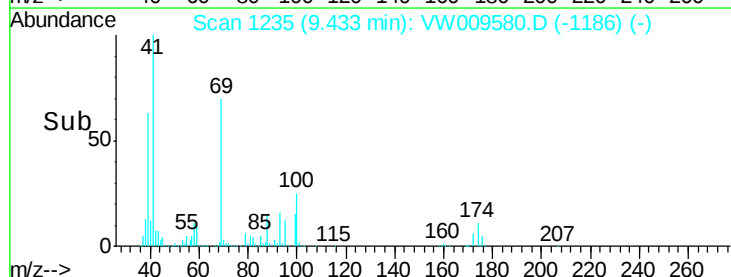
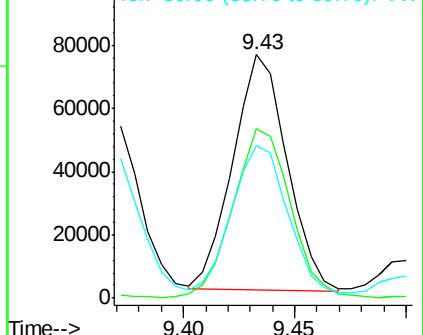
39 68.9 57.2 85.8

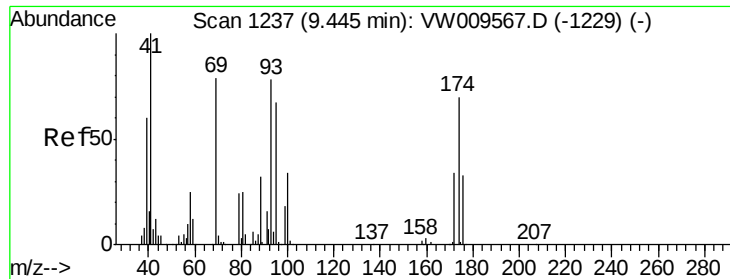


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

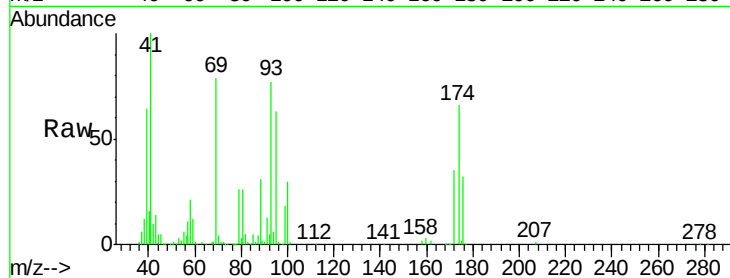




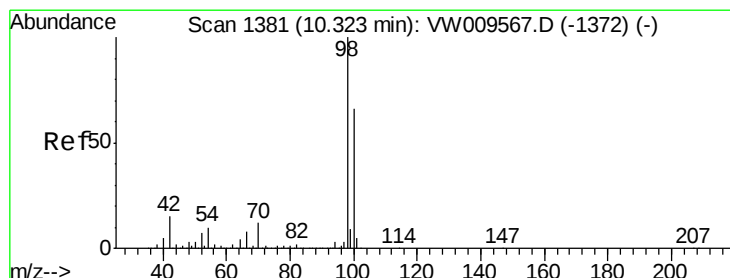
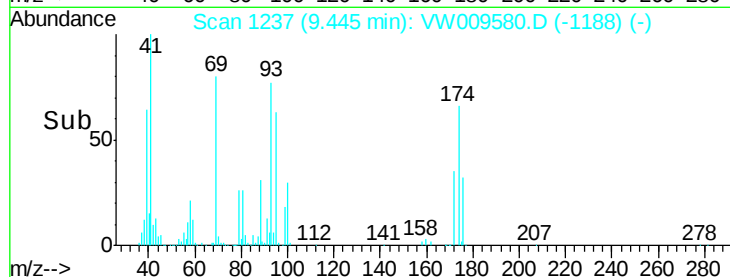
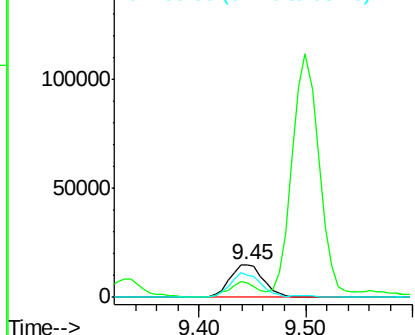
#49
1,4-Dioxane
Concen: 1184.059 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 33468
Ion Ratio Lower Upper
88 100
43 37.9 29.7 44.5
58 68.8 58.1 87.1

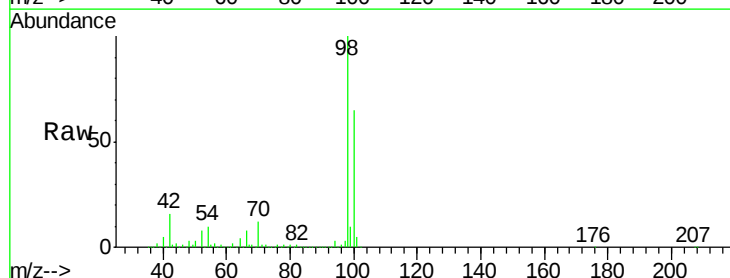


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

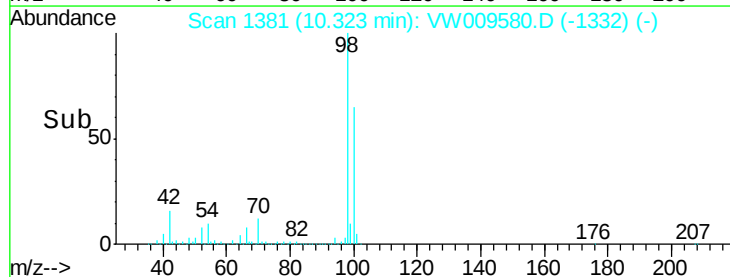
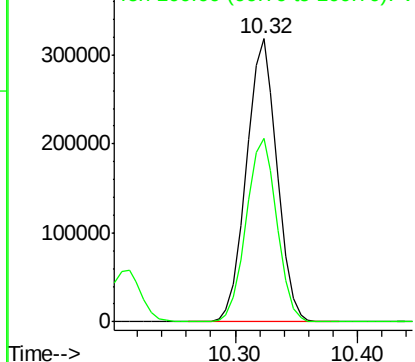


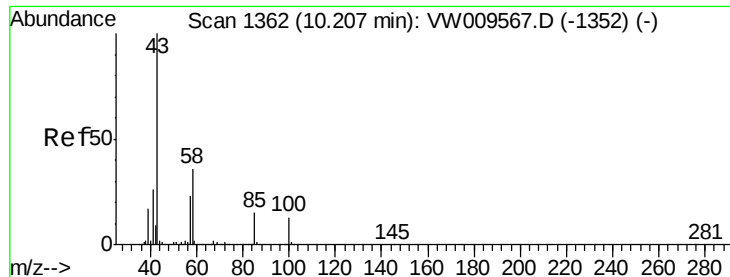
#50
Toluene-d8
Concen: 48.758 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 98 Resp: 553025
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



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

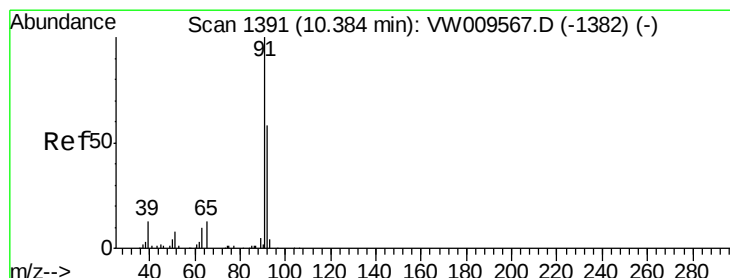
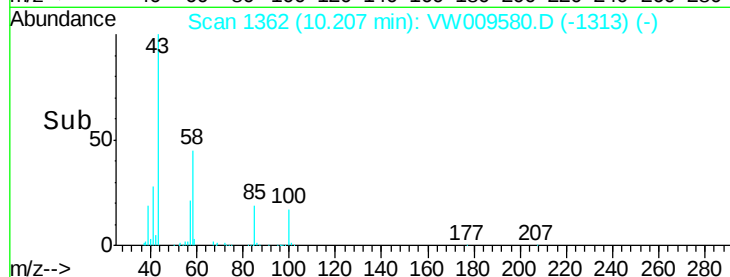
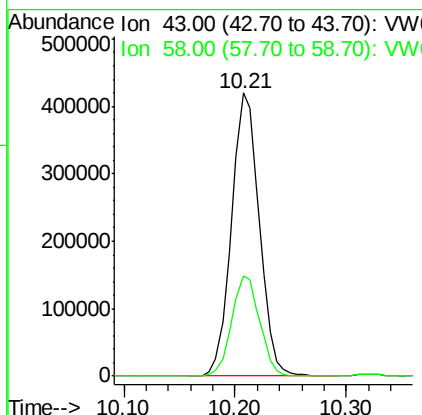
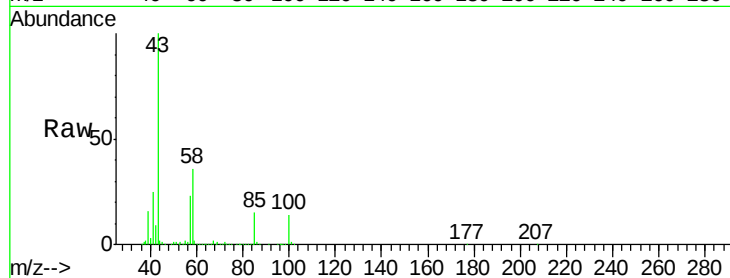




#51
 4-Methyl-2-Pentanone
 Concen: 287.674 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

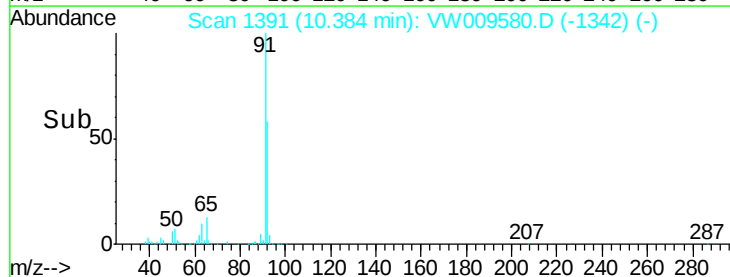
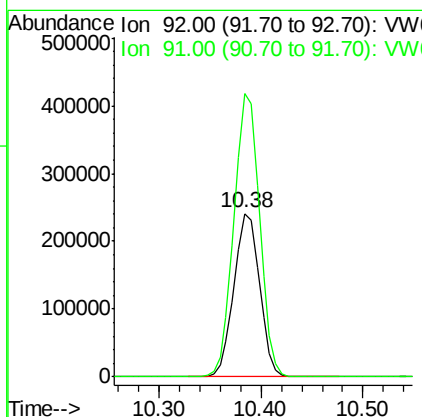
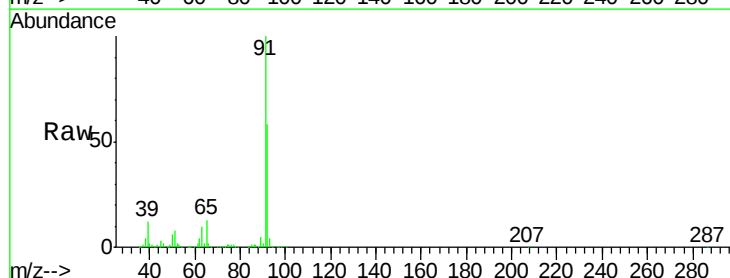
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

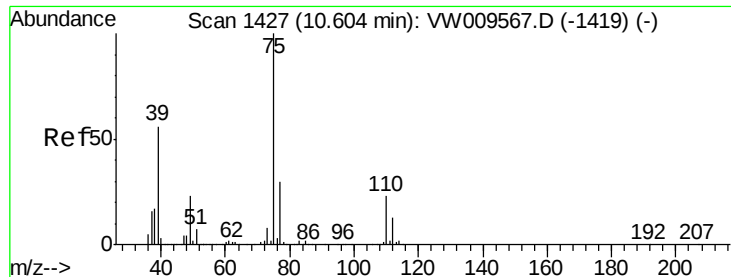
Tgt Ion: 43 Resp: 724225
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.6 42.8



#52
 Toluene
 Concen: 48.783 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 92 Resp: 418180
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 51.837 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

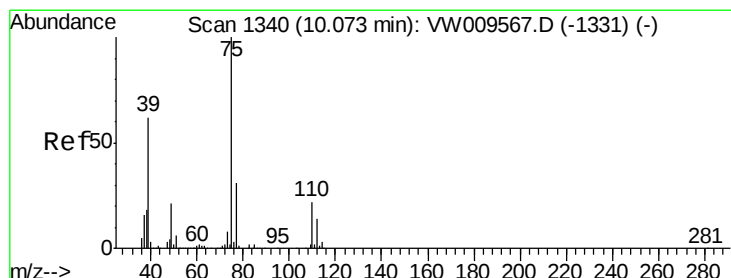
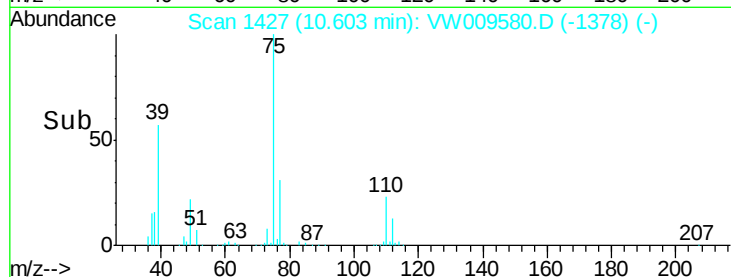
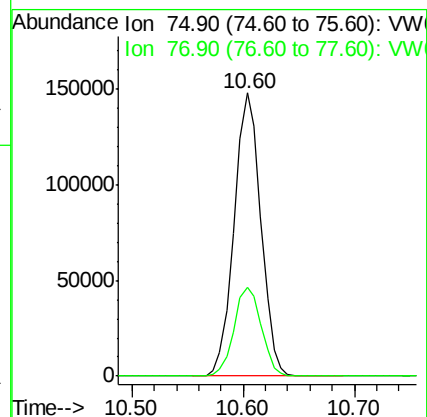
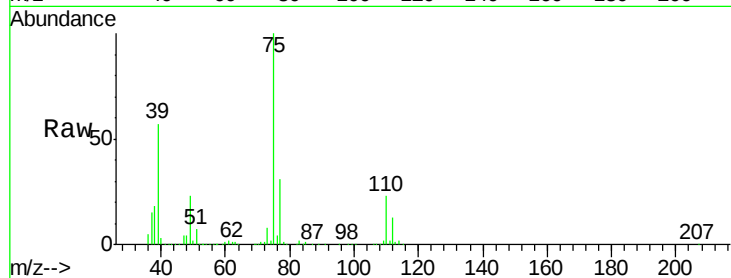
VSTDCCC050EC

Tgt Ion: 75 Resp: 245744

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 50.645 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

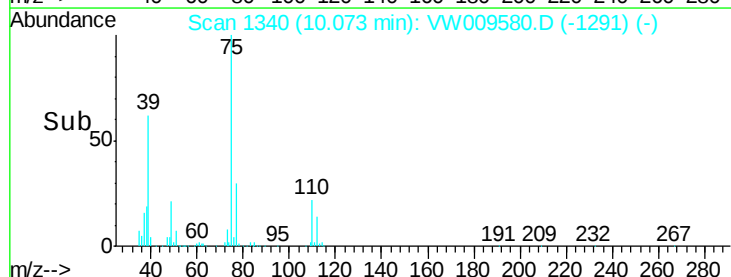
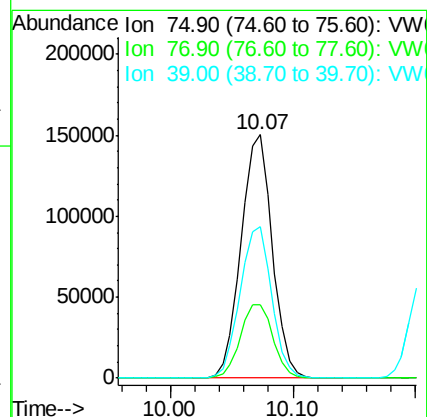
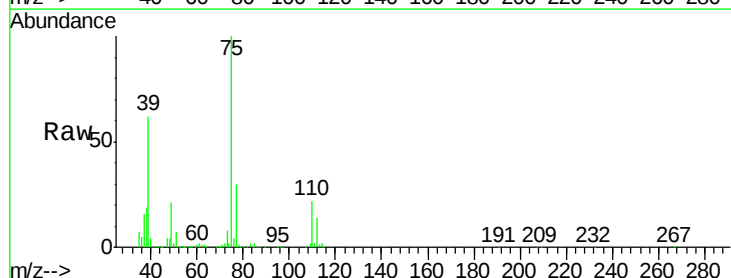
Tgt Ion: 75 Resp: 266206

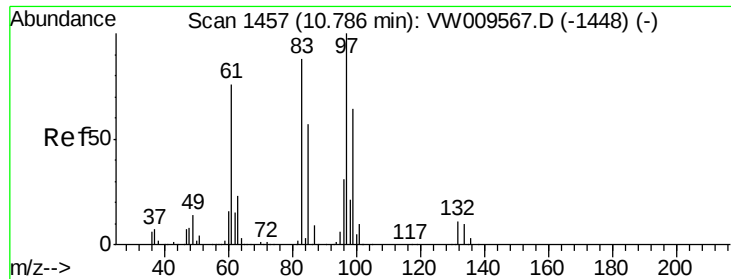
Ion Ratio Lower Upper

75 100

77 30.3 25.9 38.9

39 61.9 46.8 70.2

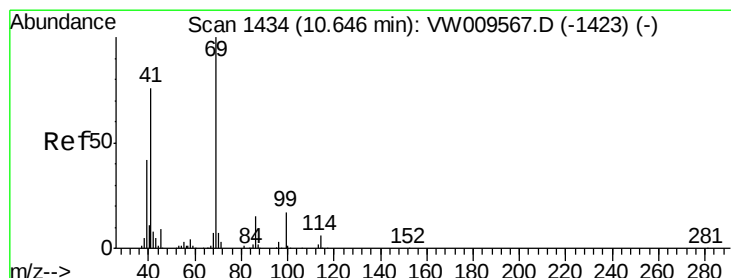
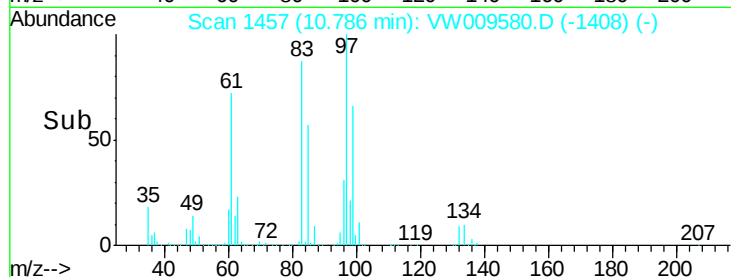
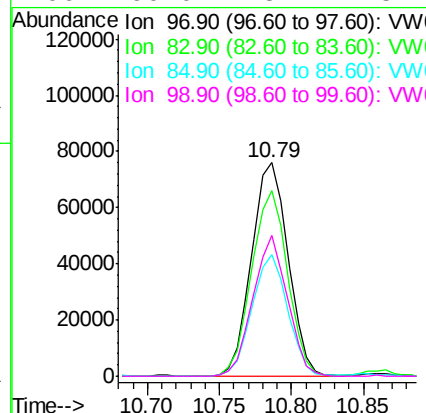
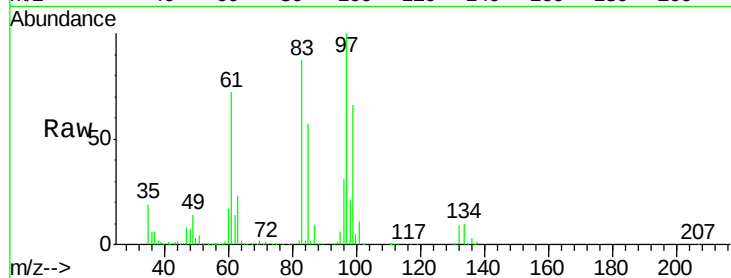




#55
 1,1,2-Trichloroethane
 Concen: 52.034 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

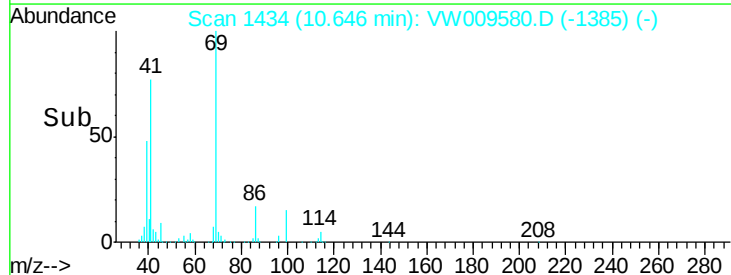
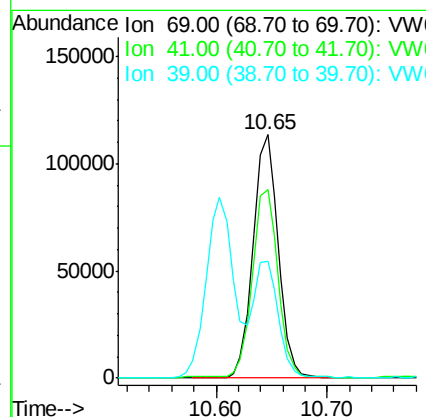
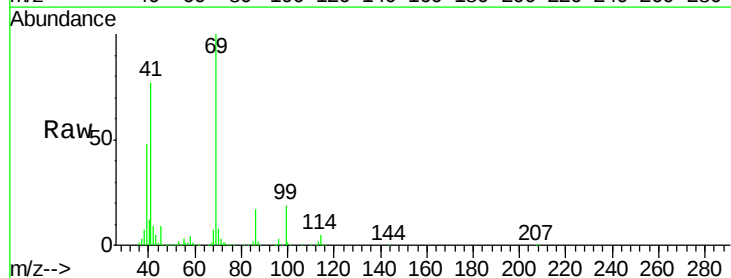
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

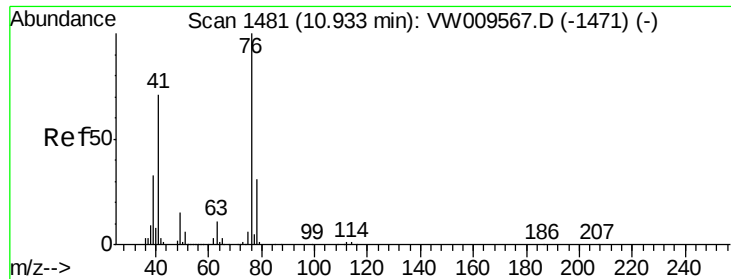
Tgt Ion:	97	Resp:	133497
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.3	99.5
85	56.8	41.4	62.2
99	66.0	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 50.376 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion:	69	Resp:	179107
Ion	Ratio	Lower	Upper
69	100		
41	78.5	59.3	88.9
39	44.8	36.2	54.2

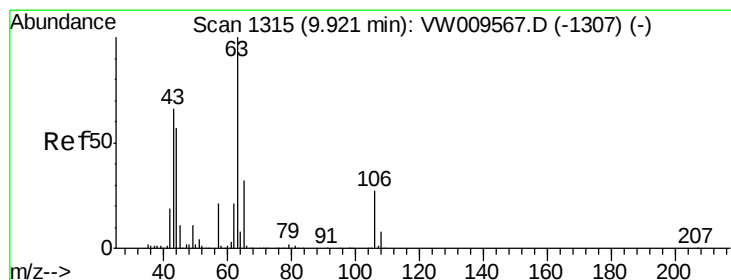
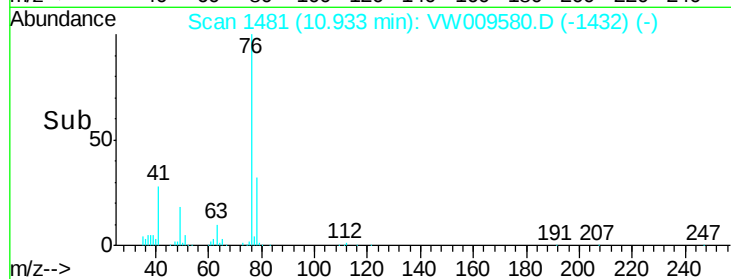
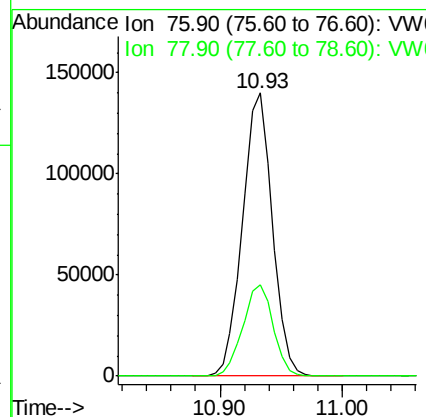
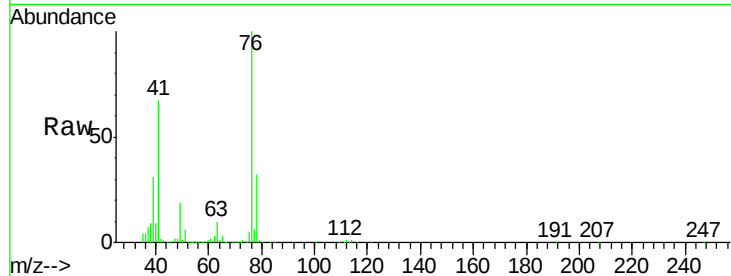




#57
 1,3-Dichloropropane
 Concen: 52.021 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

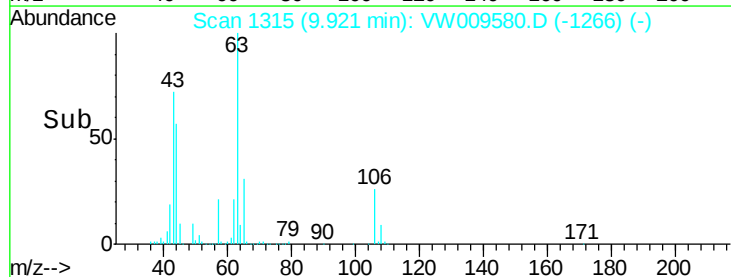
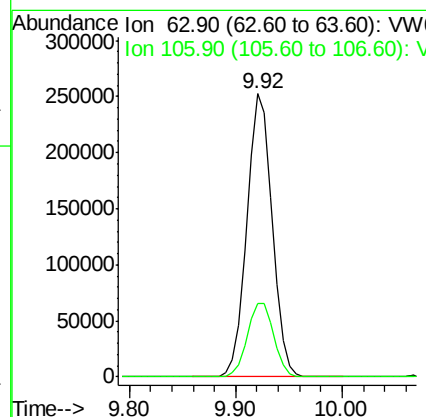
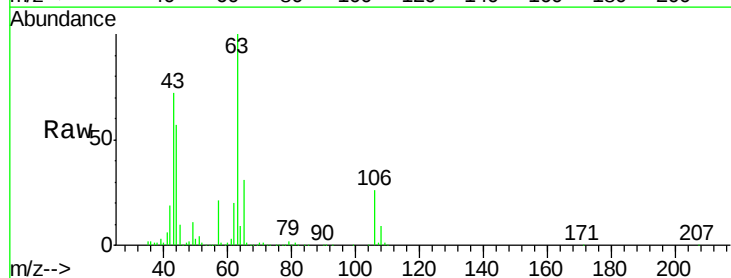
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

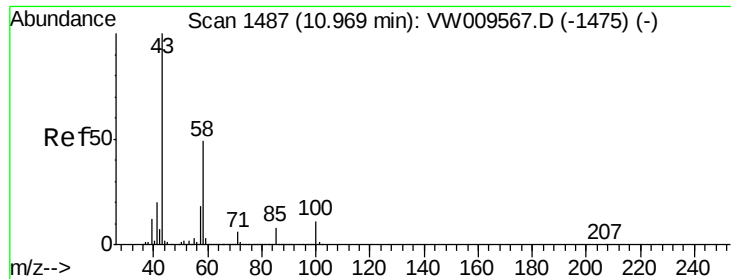
Tgt Ion: 76 Resp: 236574
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.783 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 63 Resp: 422121
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.9 34.3

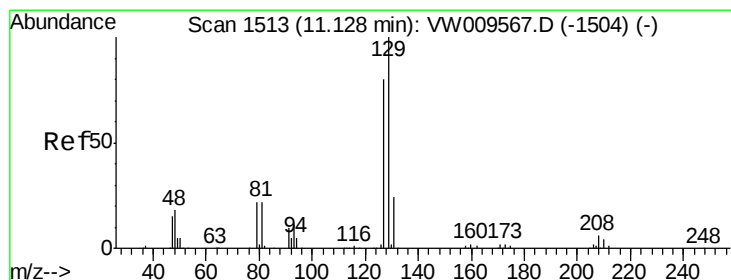
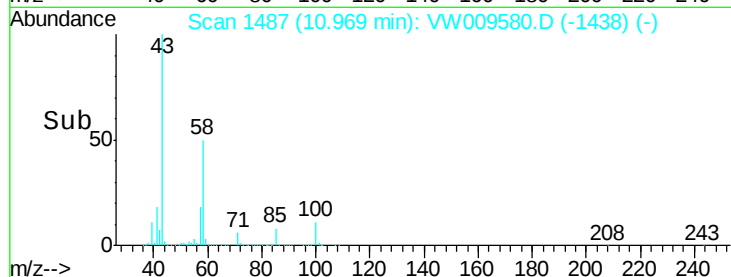
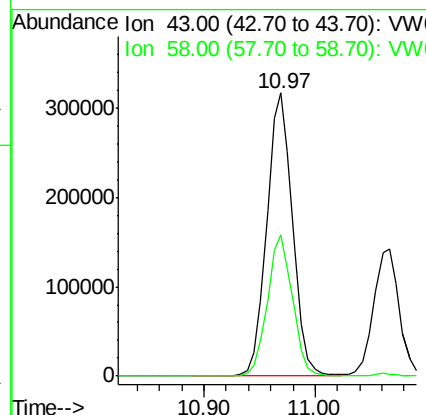
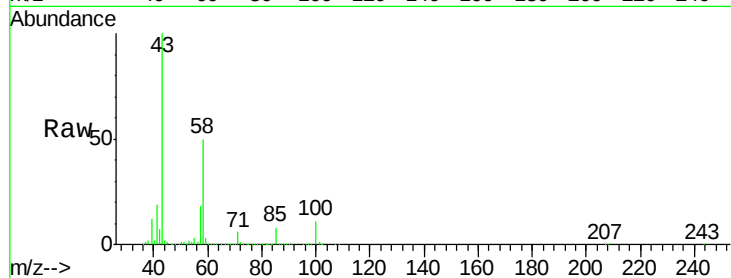




#59
2-Hexanone
Concen: 292.738 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

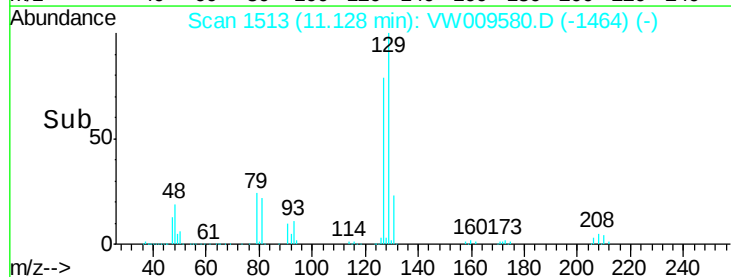
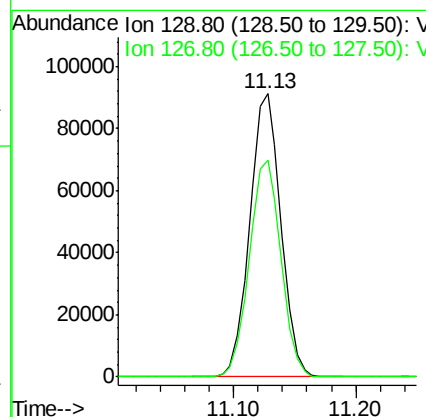
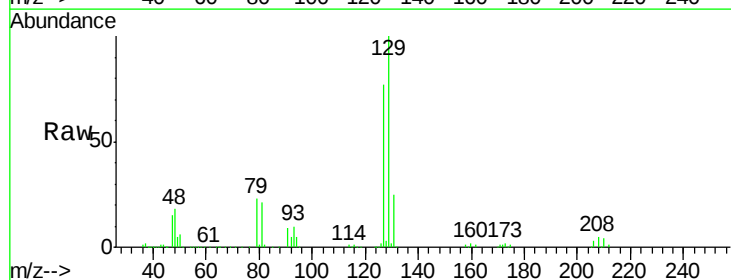
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

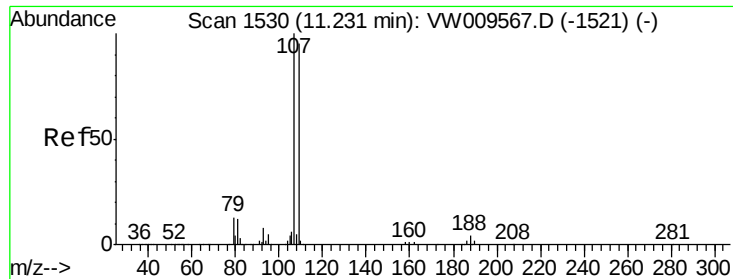
Tgt Ion: 43 Resp: 510038
Ion Ratio Lower Upper
43 100
58 48.9 24.2 72.6



#60
Dibromochloromethane
Concen: 52.066 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 129 Resp: 161292
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.387 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

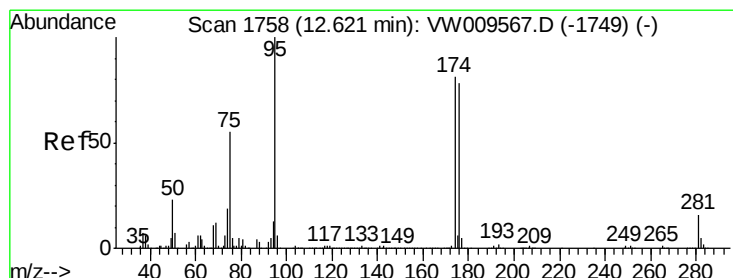
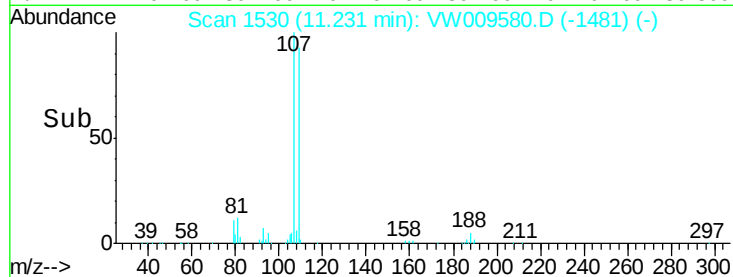
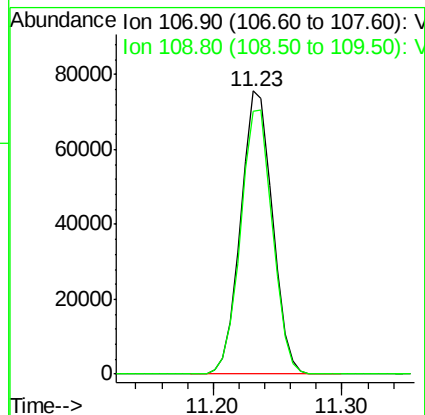
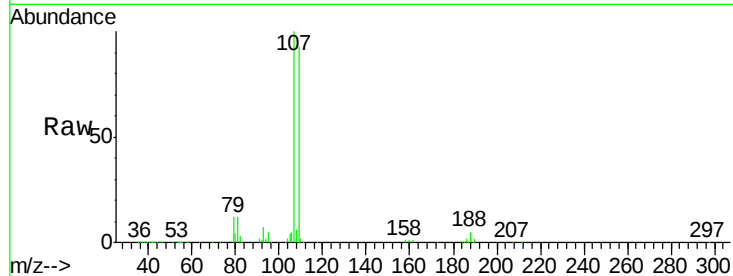
VSTDCCC050EC

Tgt Ion: 107 Resp: 128885

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 51.370 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

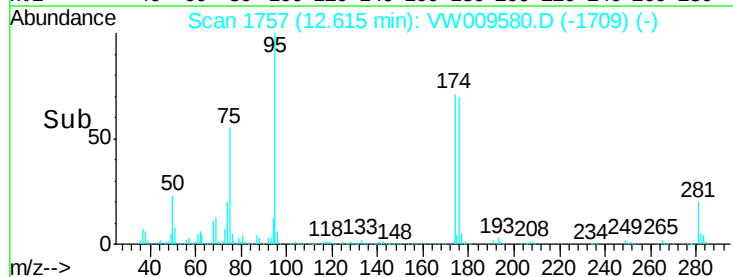
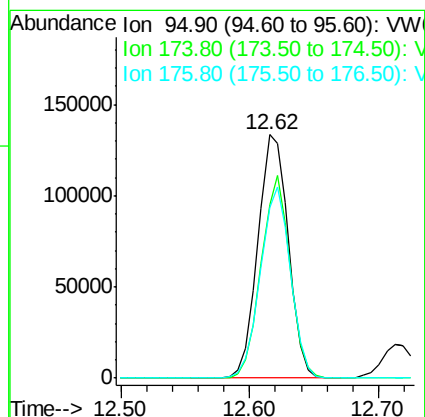
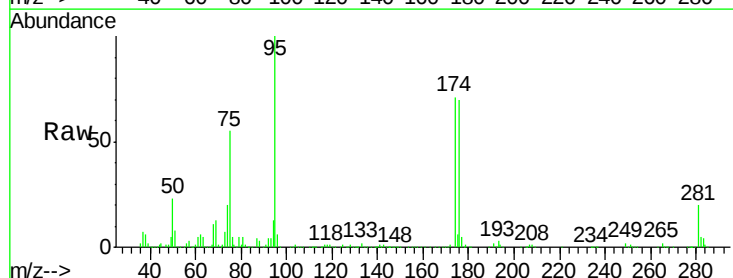
Tgt Ion: 95 Resp: 217362

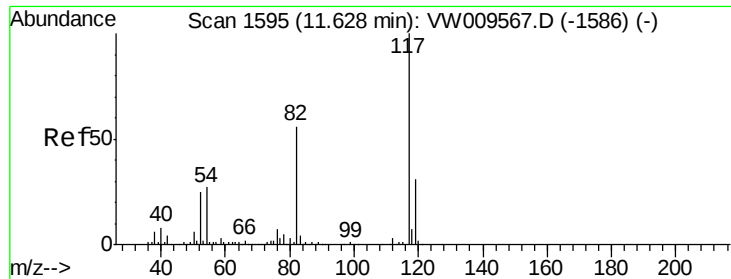
Ion Ratio Lower Upper

95 100

174 79.2 0.0 168.4

176 77.4 0.0 161.6

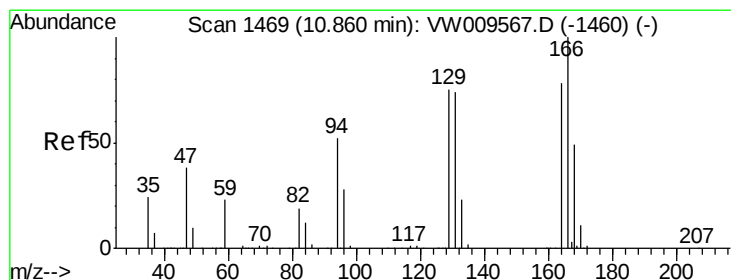
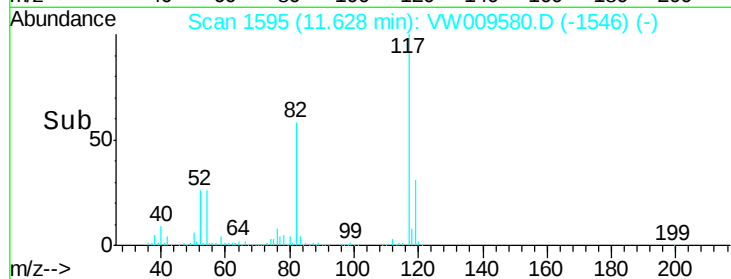
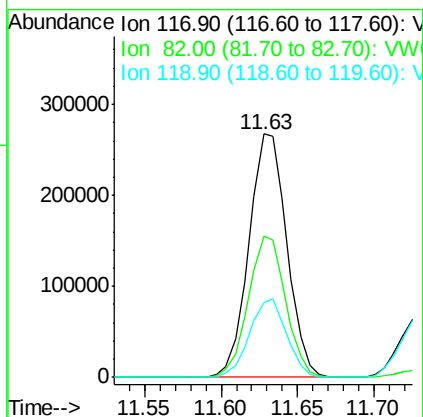
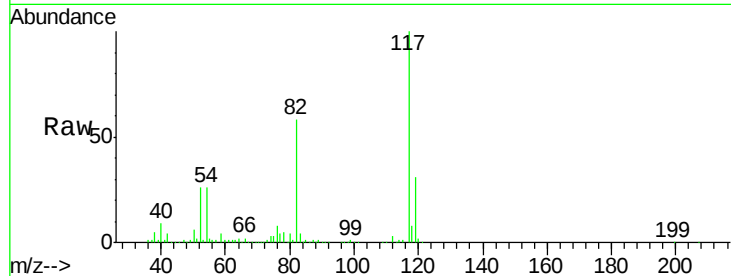




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

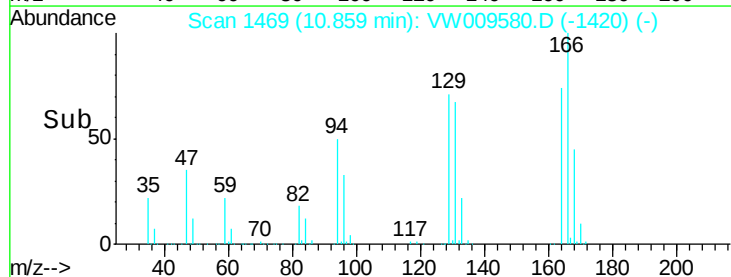
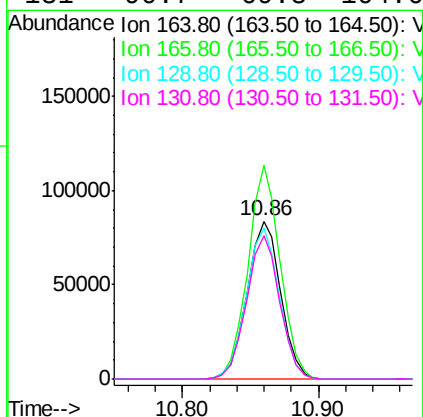
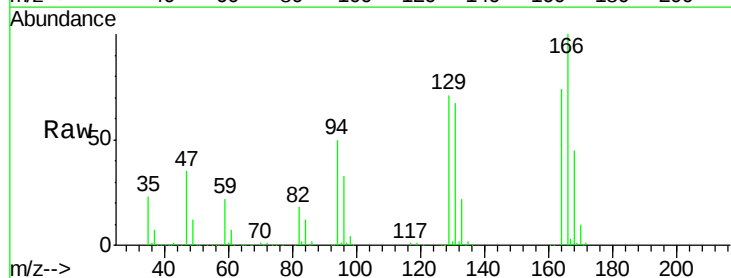
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

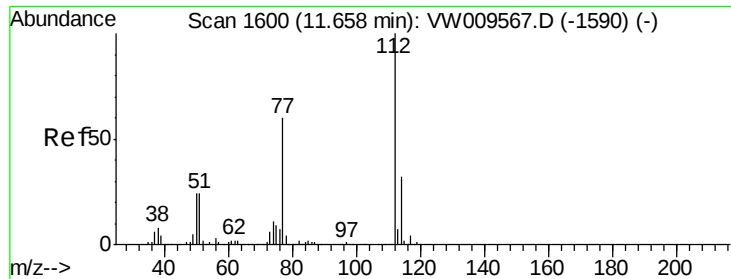
Tgt Ion:117 Resp: 460295
Ion Ratio Lower Upper
117 100
82 57.9 43.6 65.4
119 30.8 26.0 39.0



#64
Tetrachloroethene
Concen: 46.388 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion:164 Resp: 144975
Ion Ratio Lower Upper
164 100
166 135.3 100.9 151.3
129 95.7 72.0 108.0
131 90.7 69.8 104.6





#65

Chlorobenzene

Concen: 47.931 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

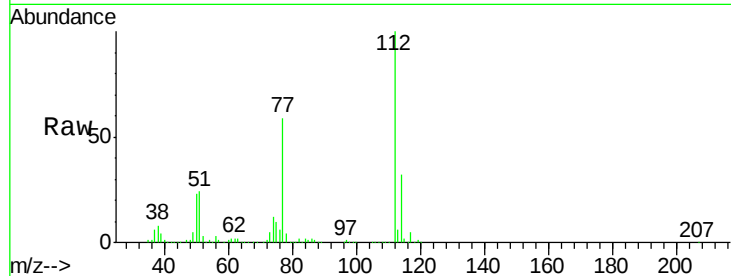
VSTDCCC050EC

Tgt Ion:112 Resp: 464659

Ion Ratio Lower Upper

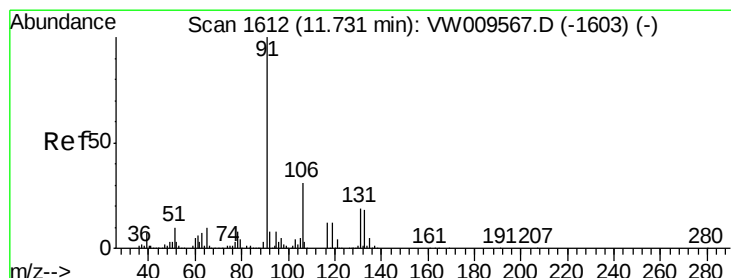
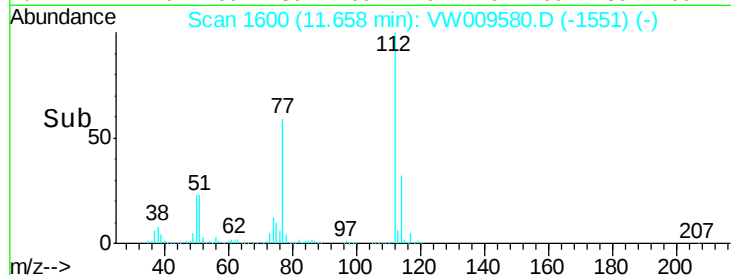
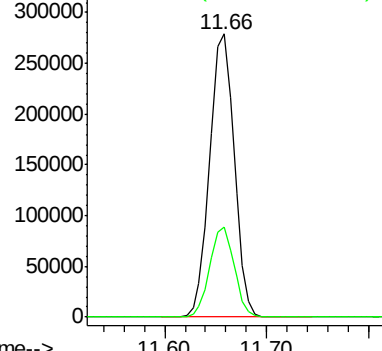
112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.381 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

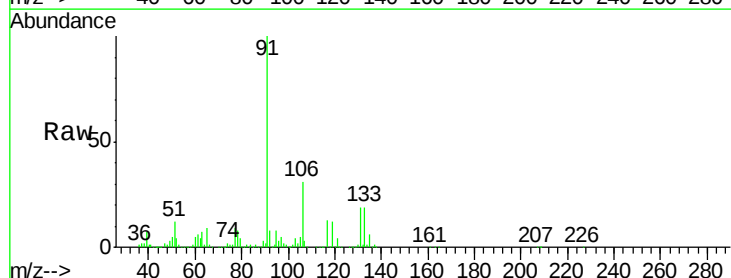
Tgt Ion:131 Resp: 170891

Ion Ratio Lower Upper

131 100

133 96.9 47.3 141.8

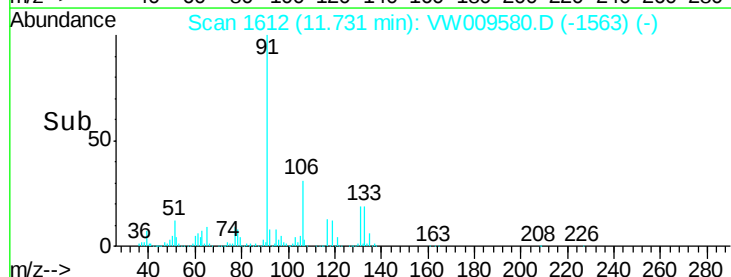
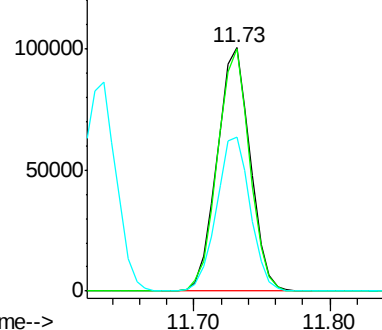
119 64.5 31.6 95.0

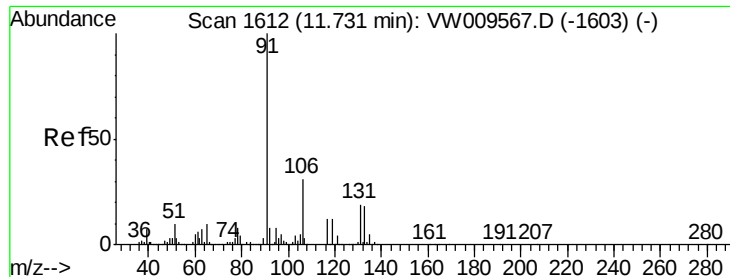


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

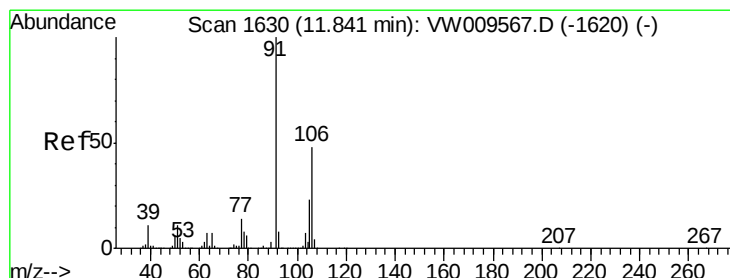
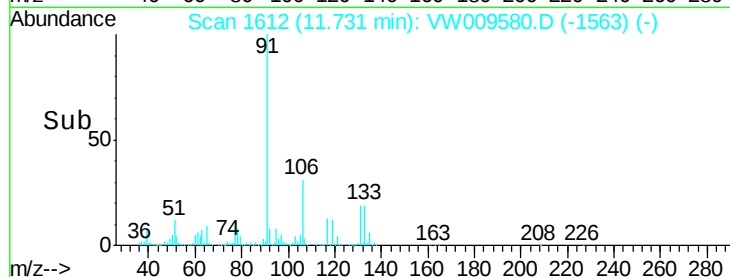
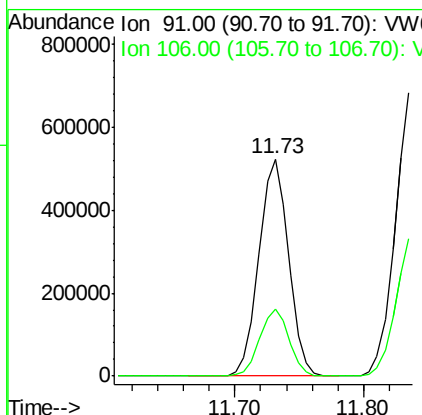
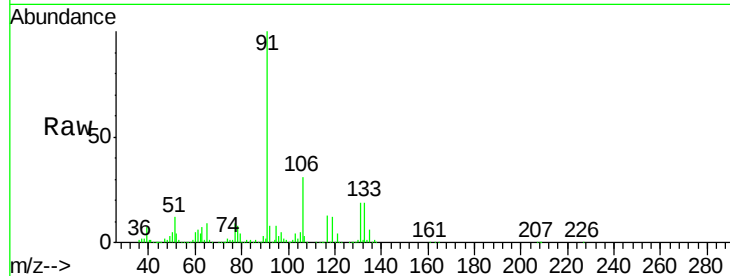




#67
Ethyl Benzene
Concen: 48.560 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

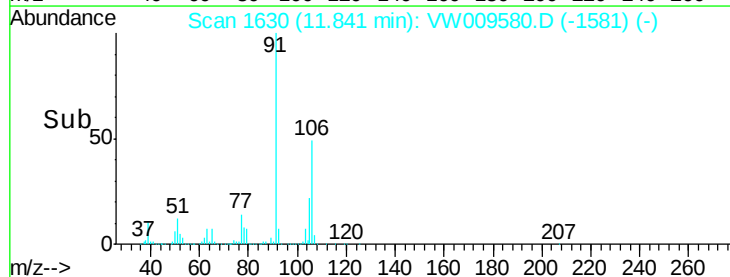
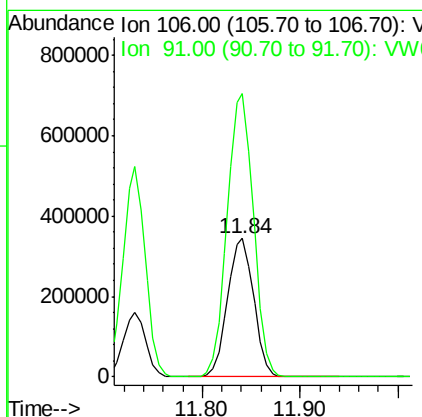
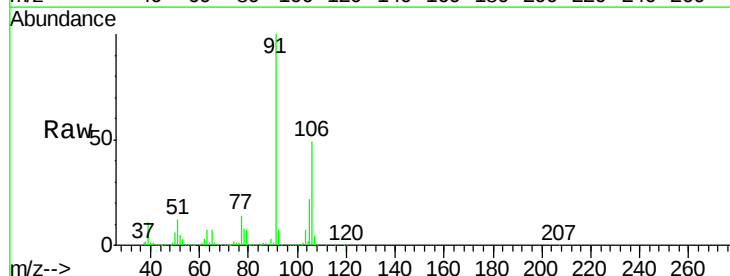
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

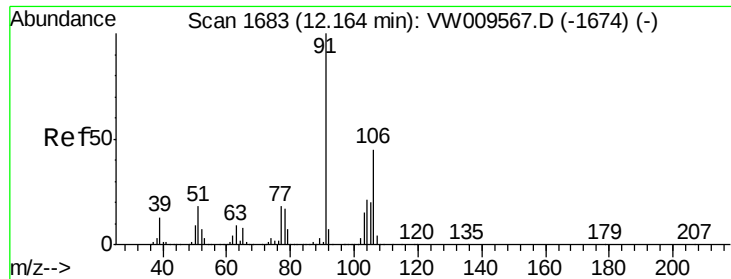
Tgt Ion: 91 Resp: 829398
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 98.212 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 106 Resp: 636936
Ion Ratio Lower Upper
106 100
91 205.8 163.1 244.7

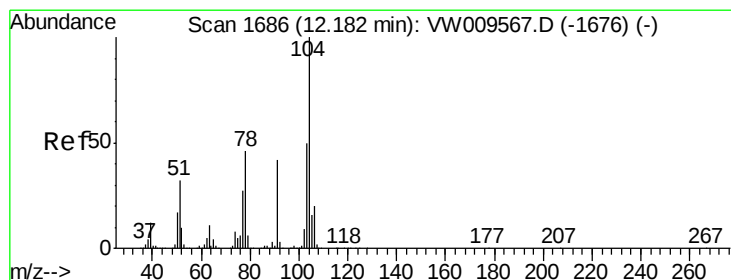
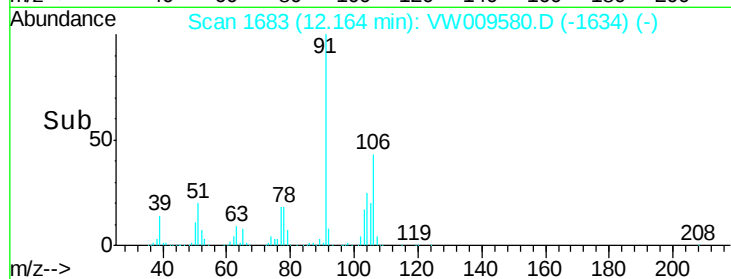
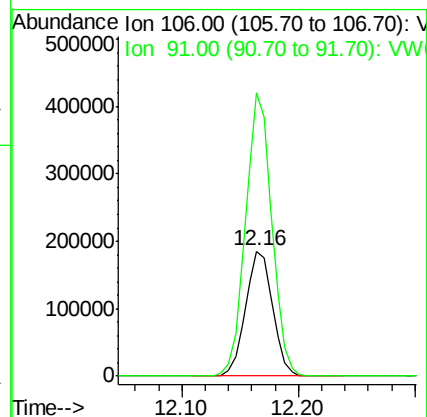
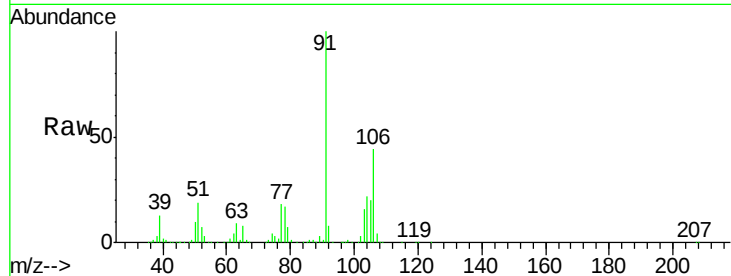




#69
o-Xylene
Concen: 49.783 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

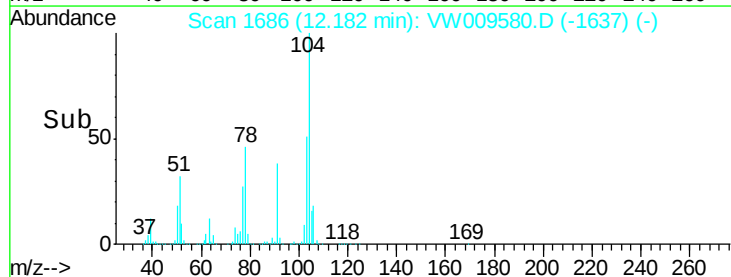
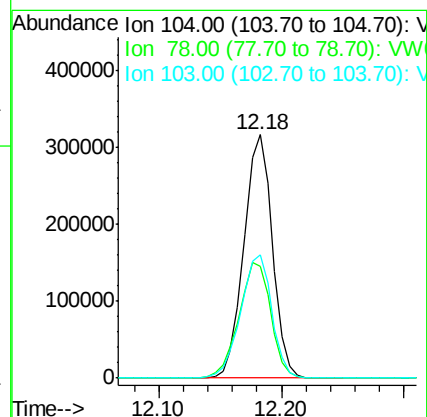
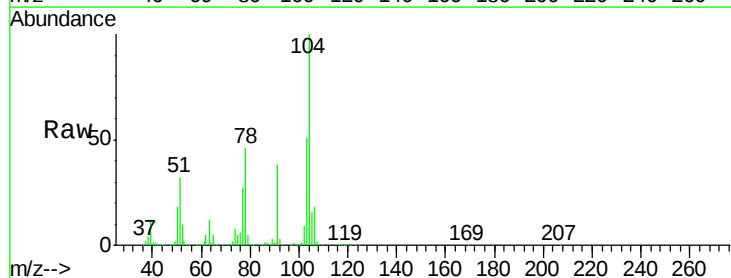
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

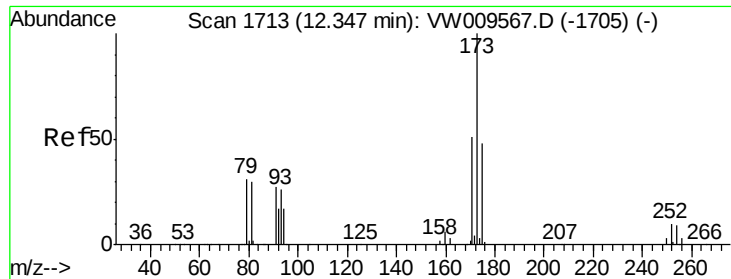
Tgt Ion:106 Resp: 300664
Ion Ratio Lower Upper
106 100
91 219.7 108.6 325.8



#70
Styrene
Concen: 50.592 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion:104 Resp: 510367
Ion Ratio Lower Upper
104 100
78 53.1 42.2 63.4
103 55.1 44.6 66.8

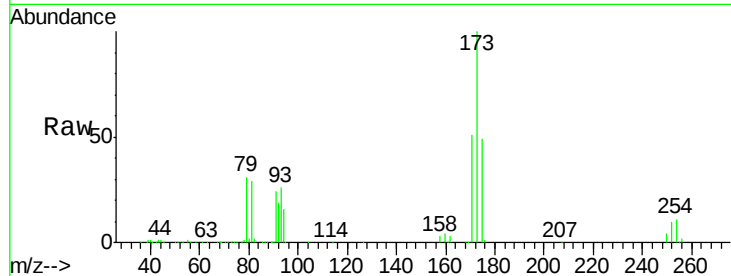




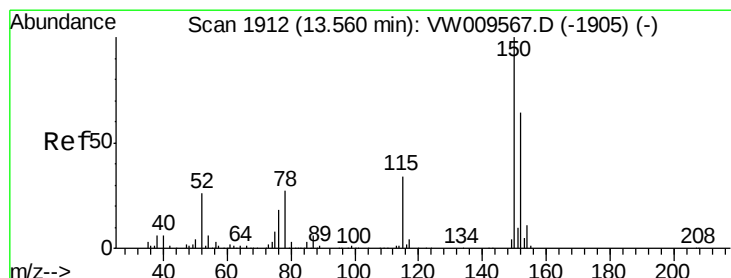
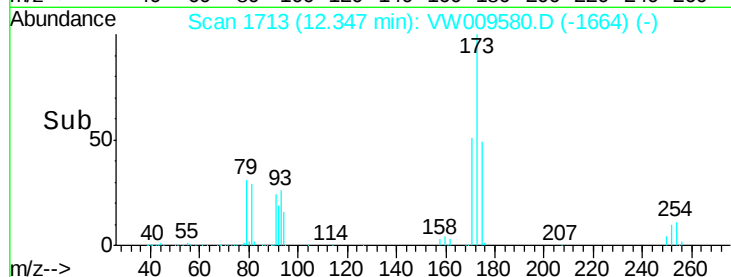
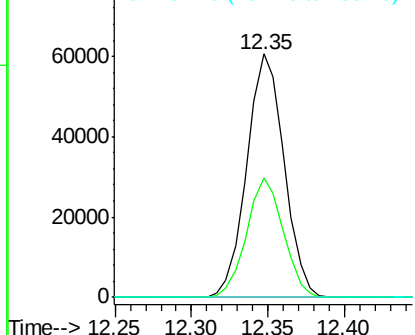
#71
Bromoform
Concen: 54.036 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 102716
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.2 0.4#

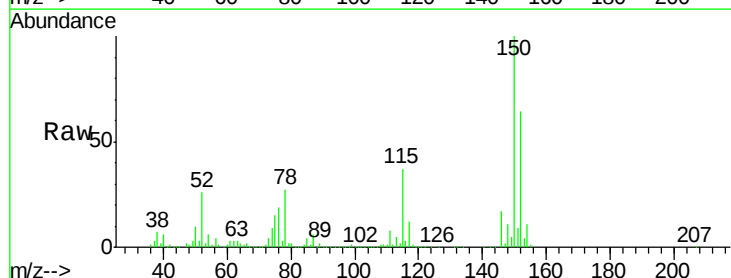


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

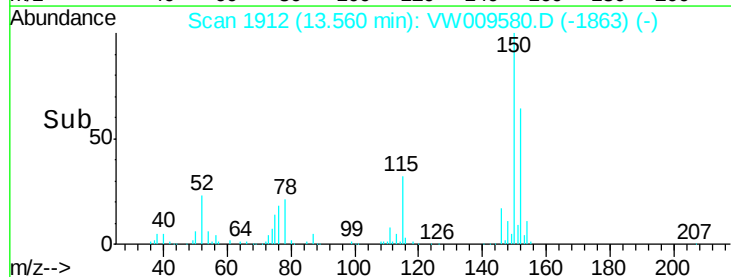
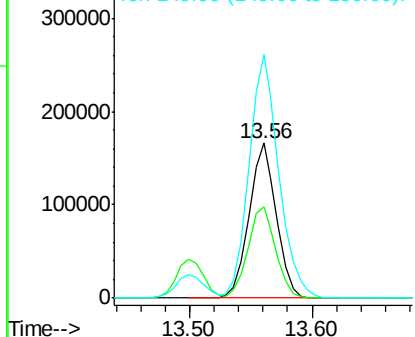


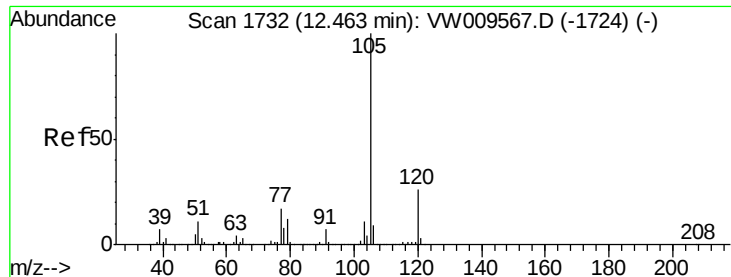
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion:152 Resp: 255353
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.8
150 172.4 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: 47.914 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

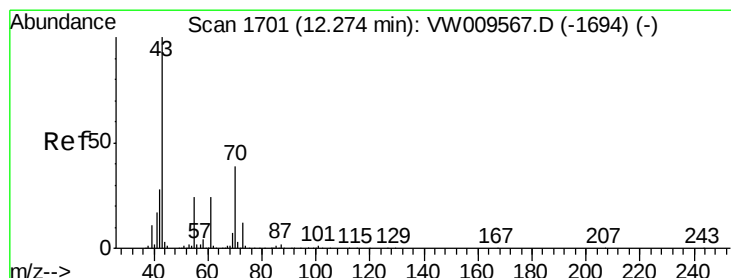
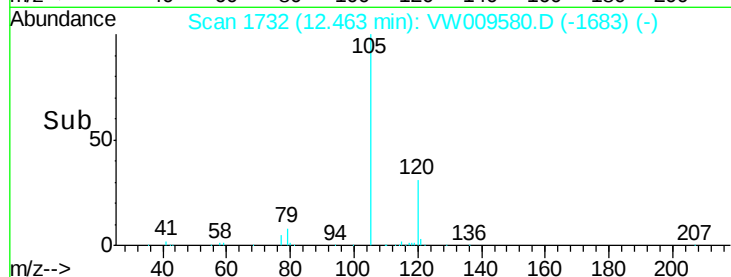
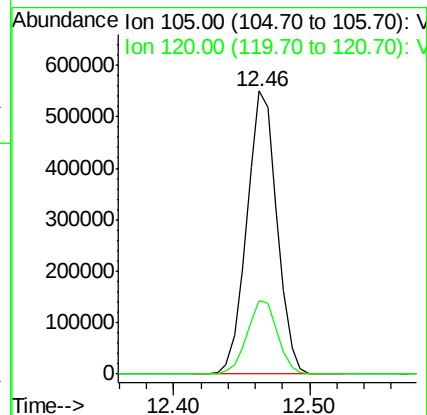
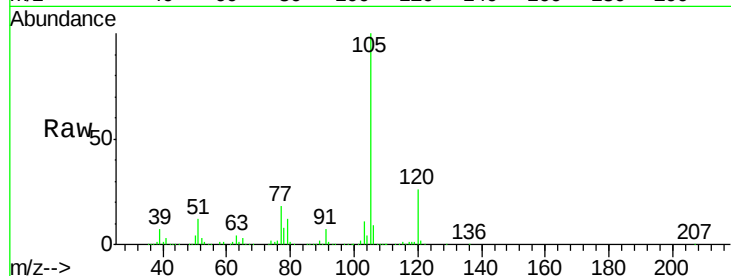
VSTDCCC050EC

Tgt Ion:105 Resp: 851449

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 55.529 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Tgt Ion: 43 Resp: 260141

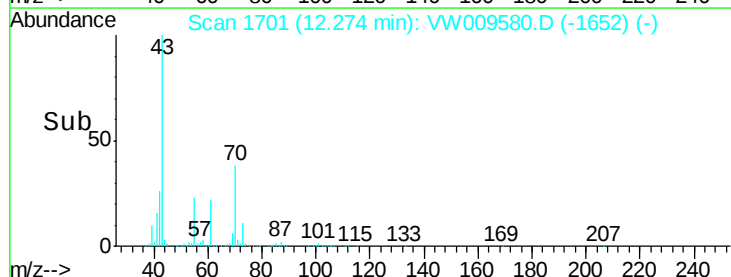
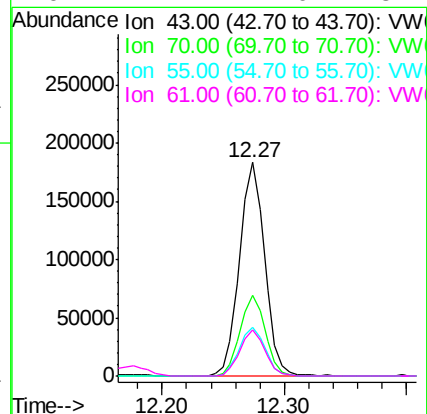
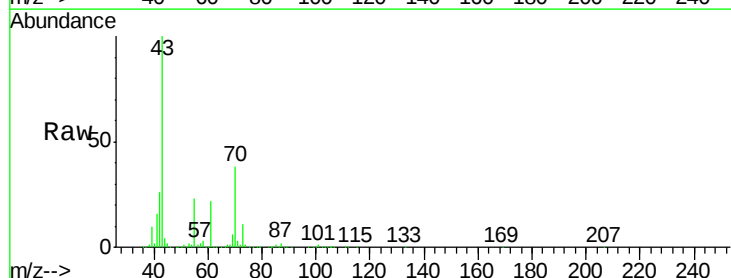
Ion Ratio Lower Upper

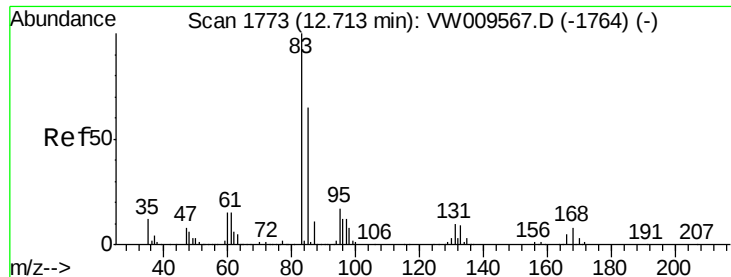
43 100

70 38.0 30.6 46.0

55 24.0 19.3 28.9

61 21.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.793 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

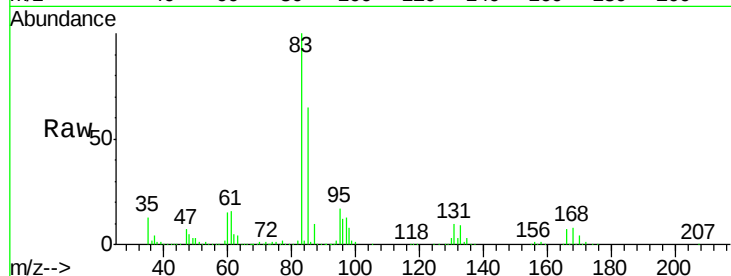
Tgt Ion: 83 Resp: 177418

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

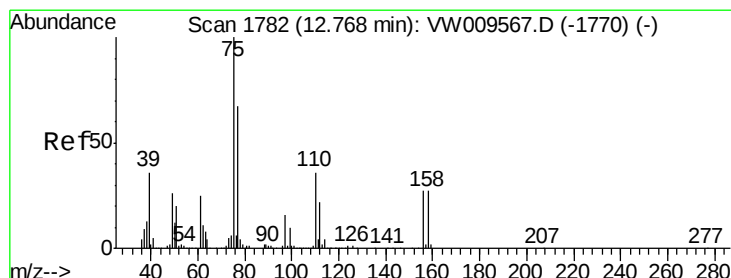
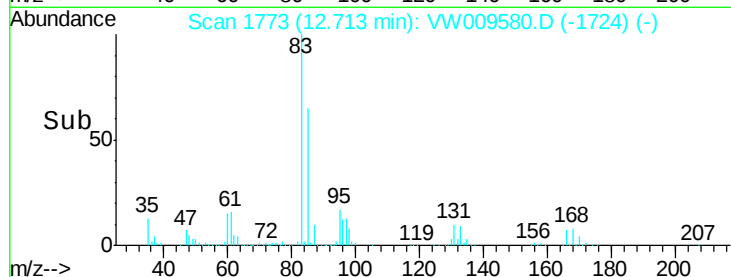
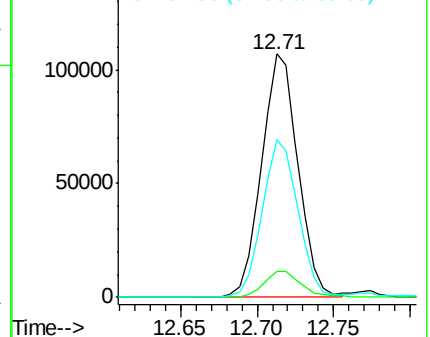
85 64.1 32.6 97.8



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: 99.529 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW009580.D

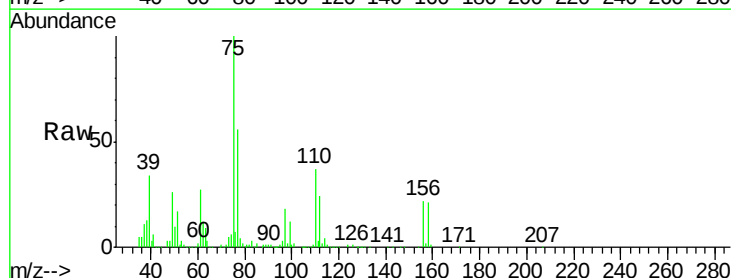
Acq: 29 Mar 2019 19:35

Tgt Ion: 75 Resp: 239000

Ion Ratio Lower Upper

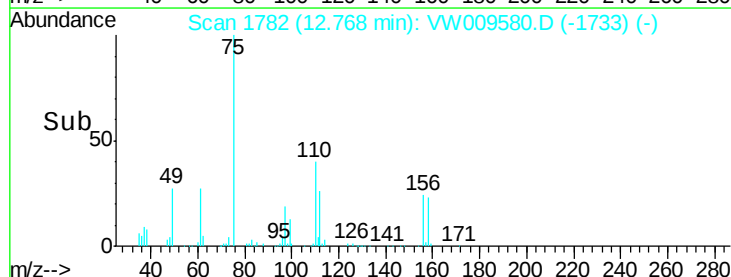
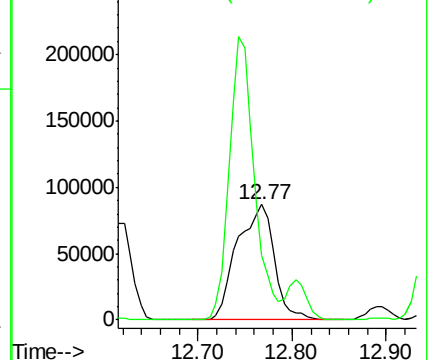
75 100

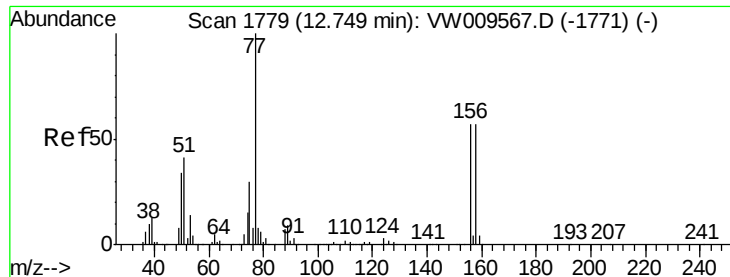
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

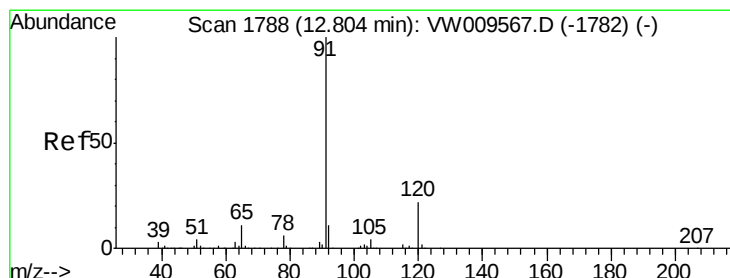
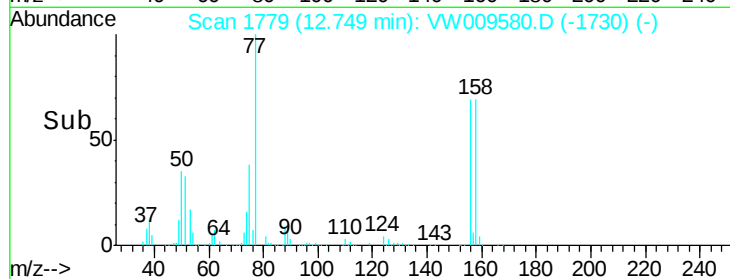
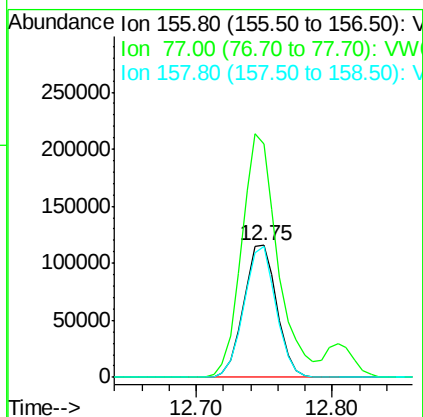
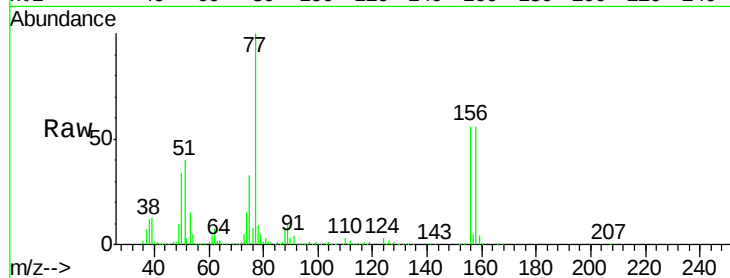




#77
Bromobenzene
Concen: 48.137 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

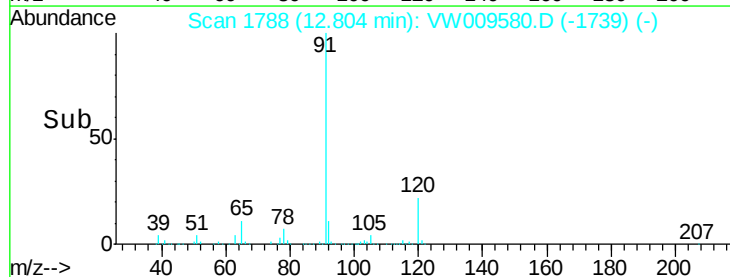
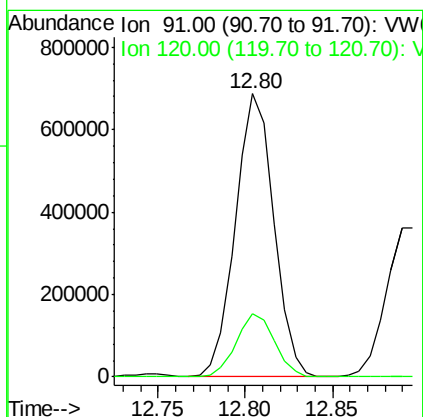
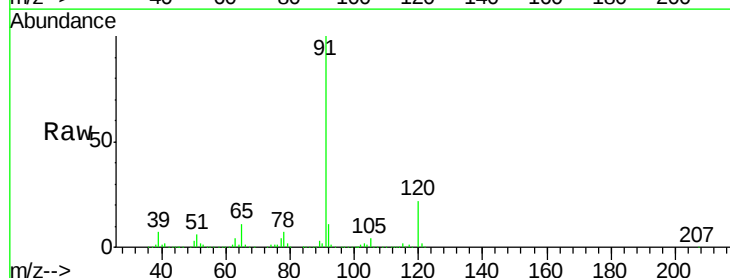
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

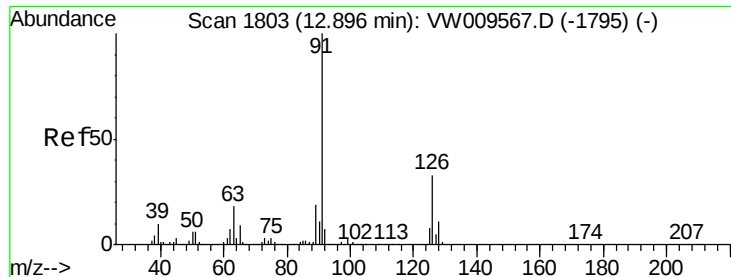
Tgt Ion: 156 Resp: 196992
Ion Ratio Lower Upper
156 100
77 199.7 96.0 288.0
158 96.0 49.1 147.3



#78
n-propylbenzene
Concen: 47.792 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 91 Resp: 1047277
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3

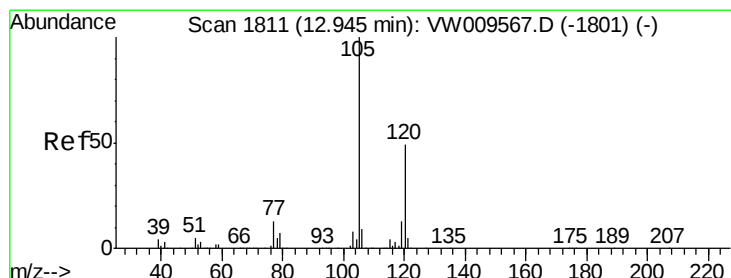
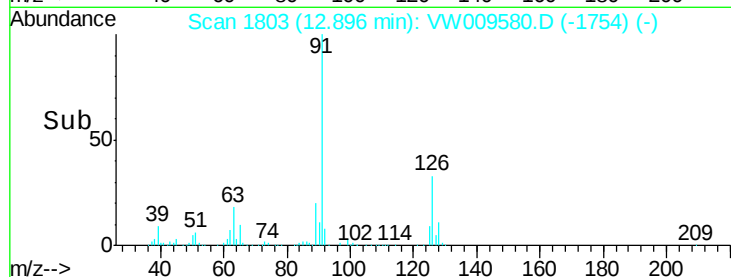
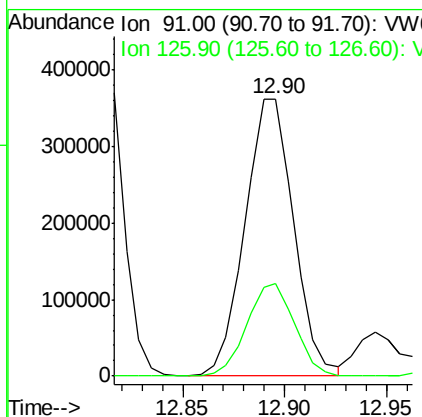
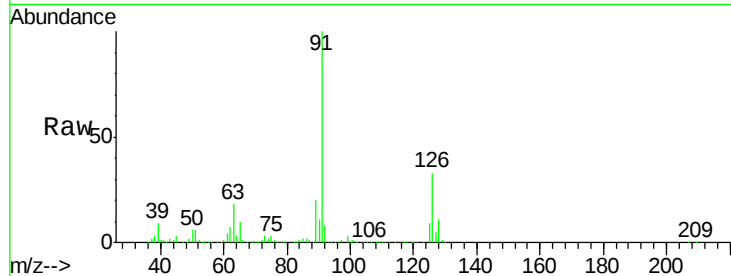




#79
 2-Chlorotoluene
 Concen: 48.365 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

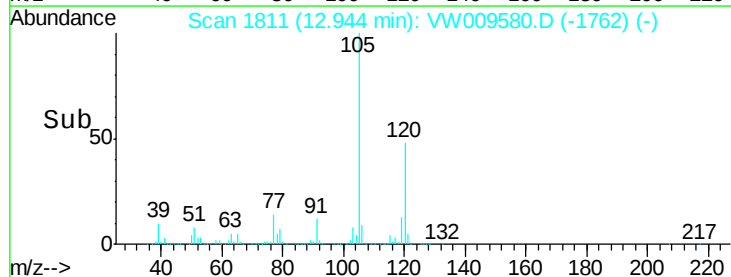
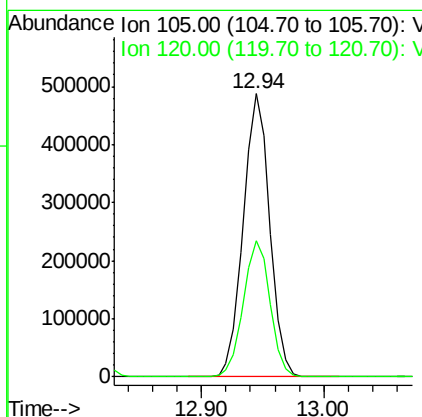
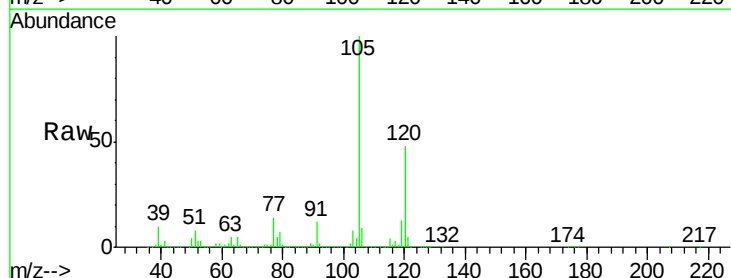
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

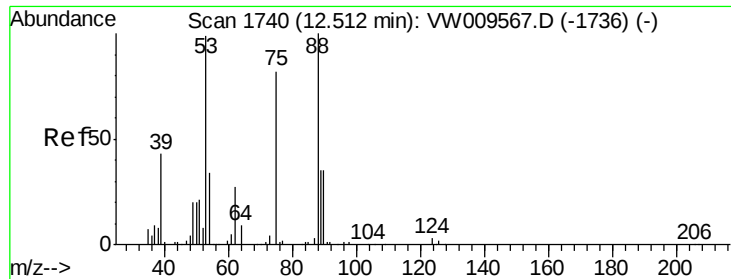
Tgt Ion: 91 Resp: 602306
 Ion Ratio Lower Upper
 91 100
 126 32.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 48.775 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 105 Resp: 729941
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0

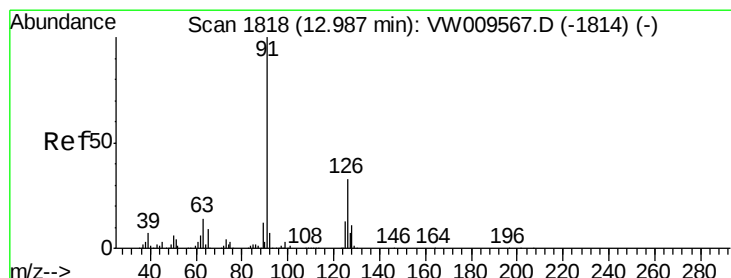
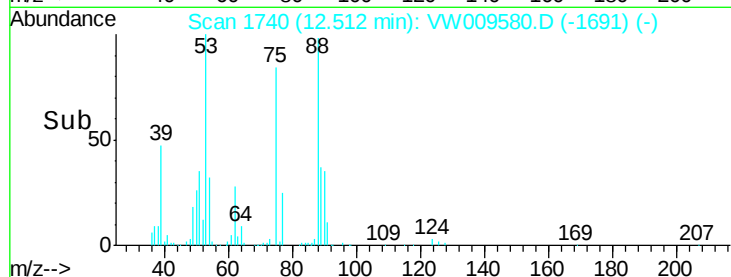
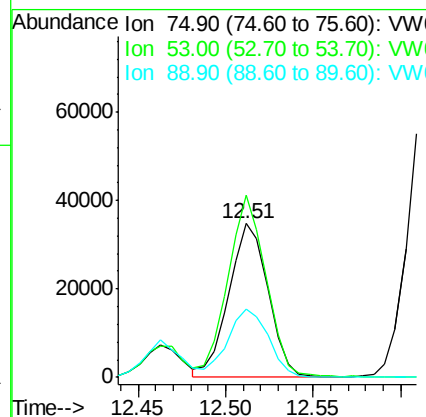
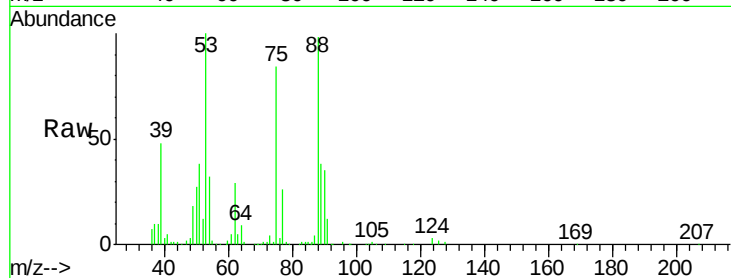




#81
trans-1,4-Dichloro-2-butene
Concen: 52.459 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

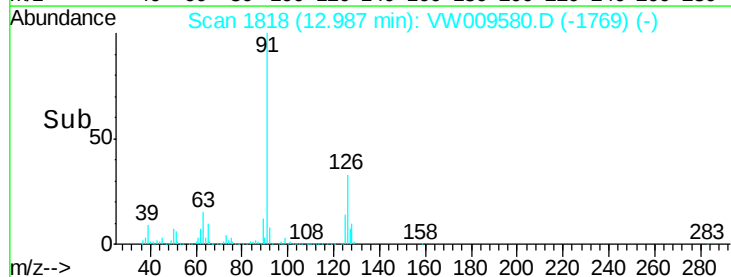
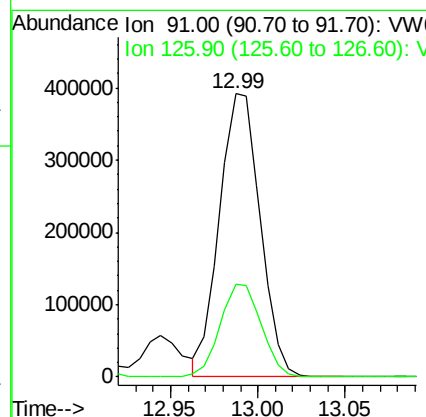
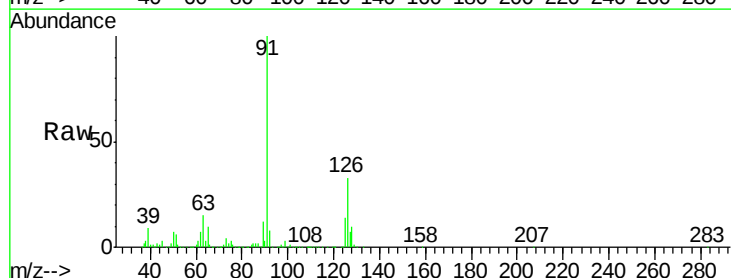
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

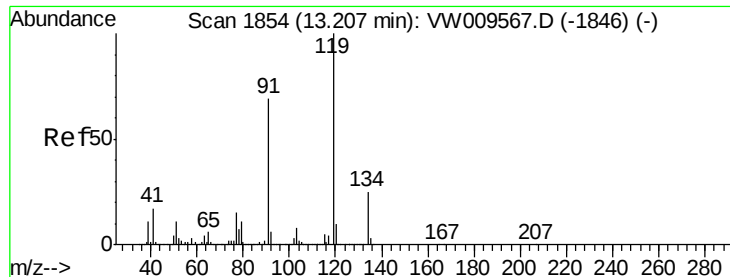
Tgt Ion: 75 Resp: 54170
Ion Ratio Lower Upper
75 100
53 115.1 86.7 130.1
89 45.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 48.455 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion: 91 Resp: 635056
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6

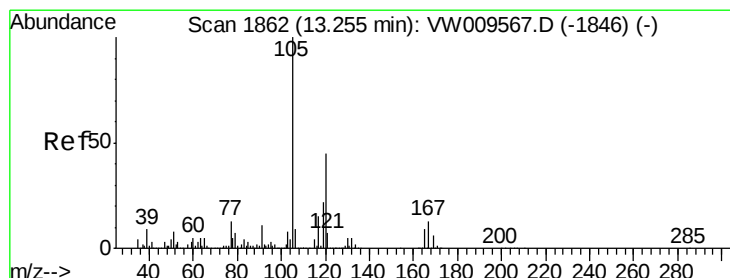
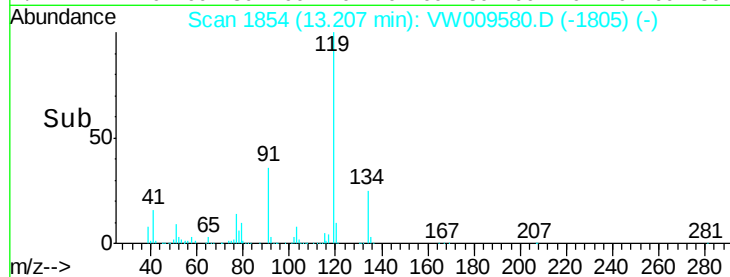
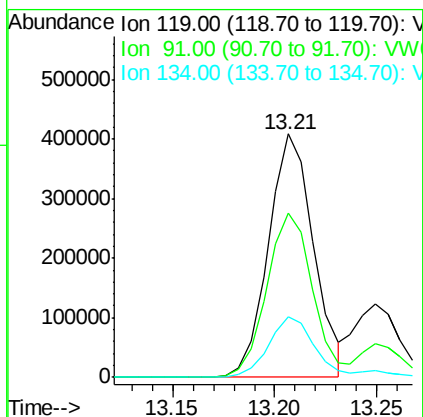
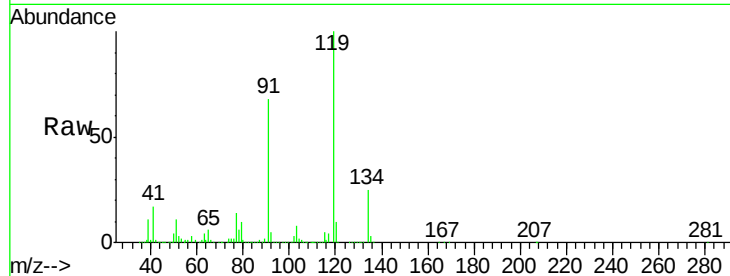




#83
 tert-Butylbenzene
 Concen: 49.565 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

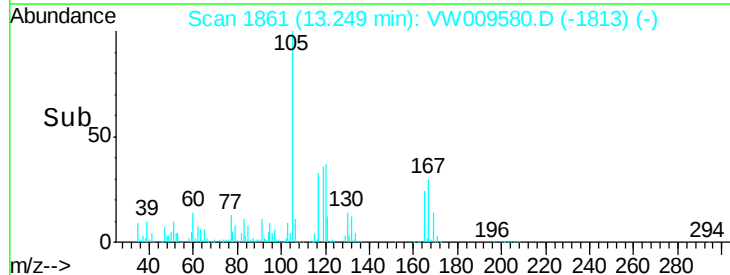
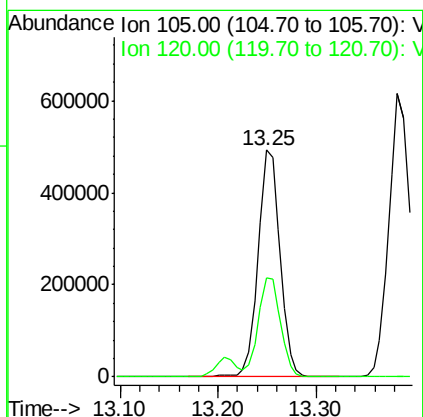
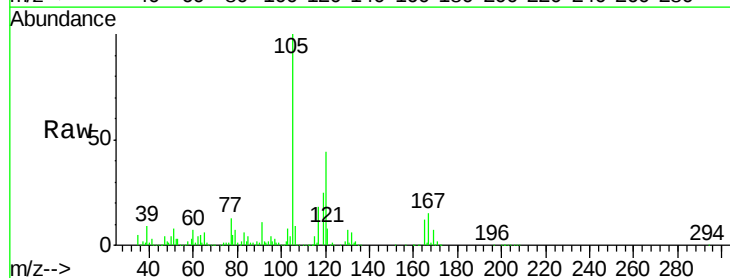
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

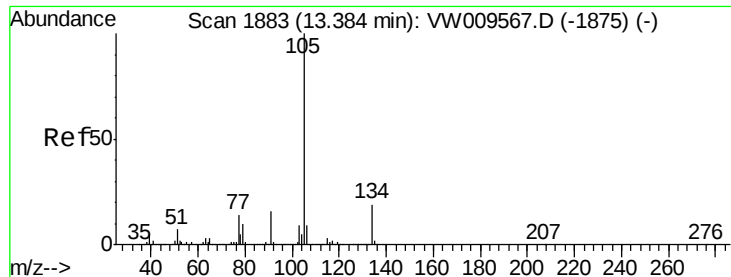
Tgt Ion:119 Resp: 631448
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.4 103.2
 134 25.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.728 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion:105 Resp: 765065
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 48.119 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

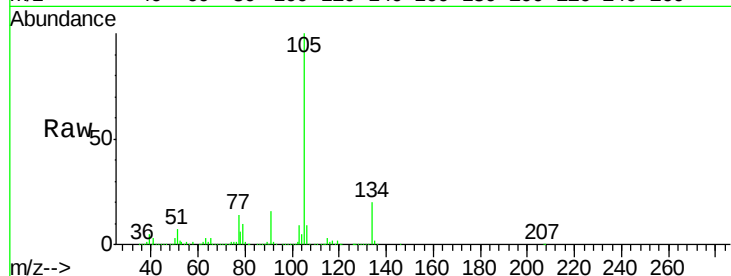
VSTDCCC050EC

Tgt Ion:105 Resp: 924846

Ion Ratio Lower Upper

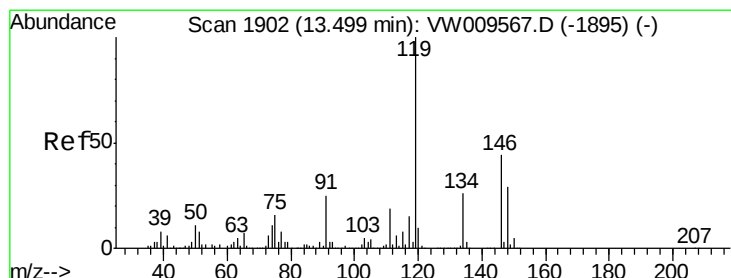
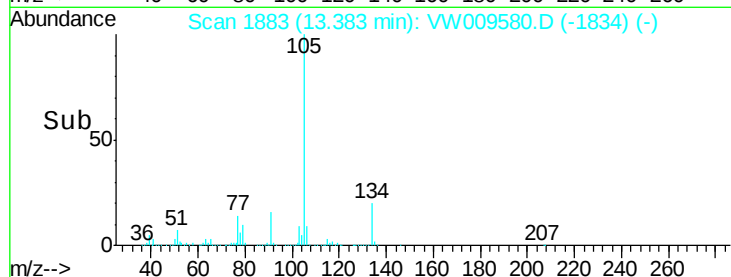
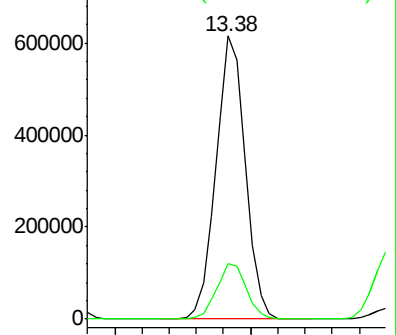
105 100

134 19.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.987 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

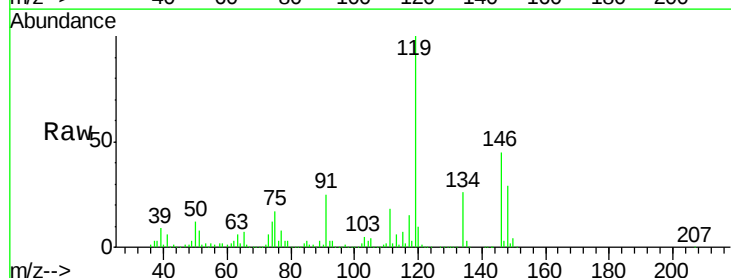
Tgt Ion:119 Resp: 818928

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

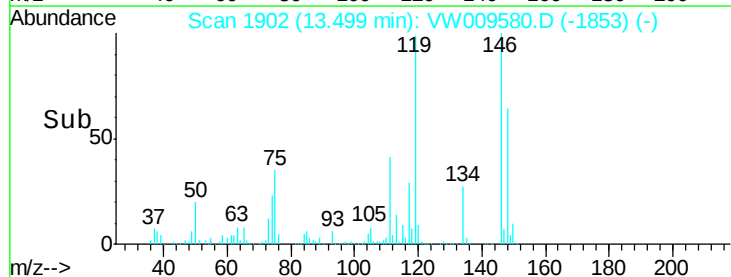
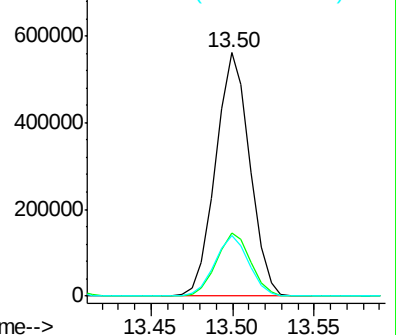
91 24.7 12.3 36.8

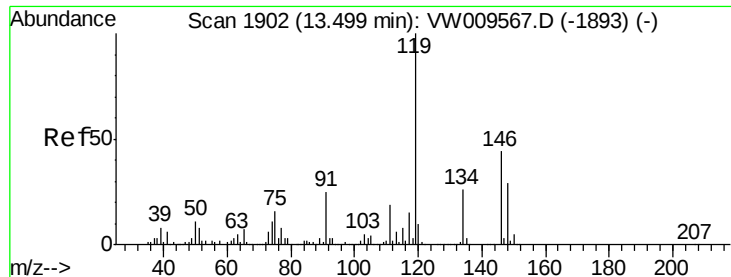


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

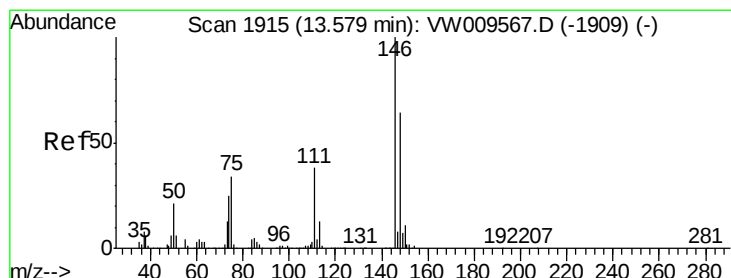
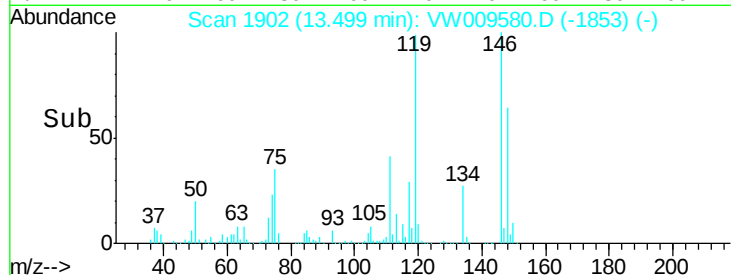
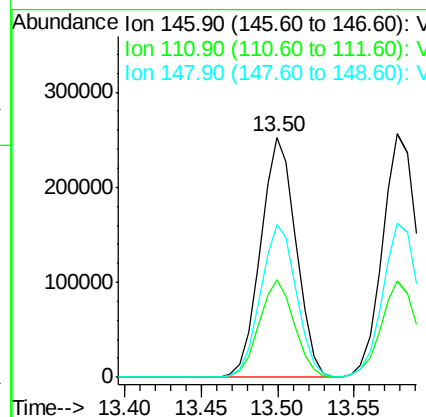
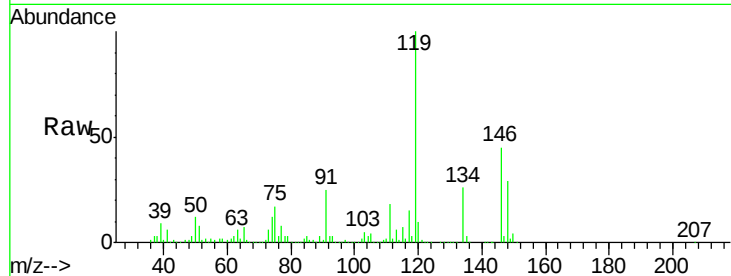




#87
 1,3-Dichlorobenzene
 Concen: 48.137 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

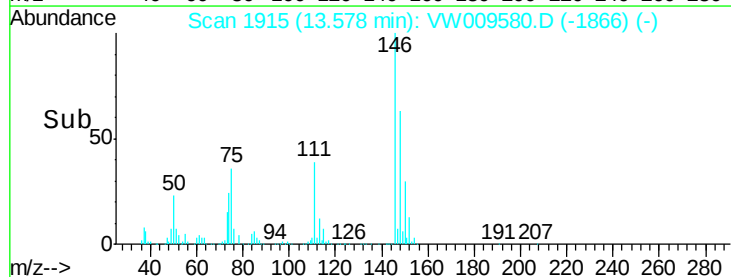
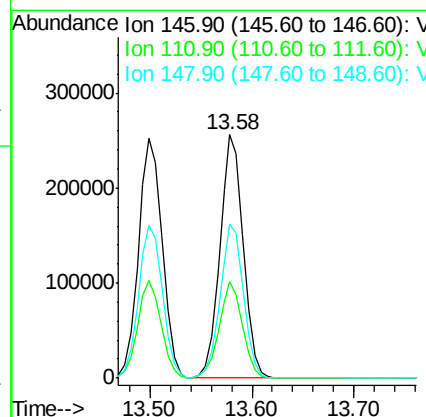
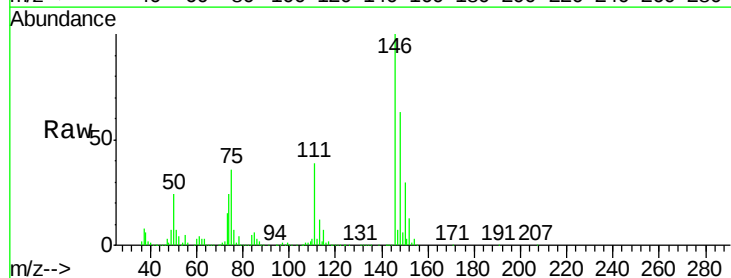
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

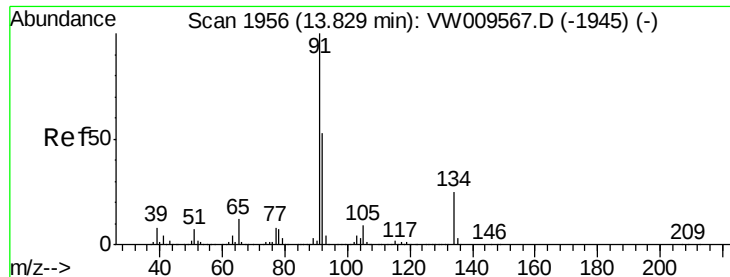
Tgt Ion:146 Resp: 406739
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 64.2 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 48.330 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion:146 Resp: 407890
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.4 32.2 96.6





#89

n-Butylbenzene

Concen: 48.350 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW009580.D

Acq: 29 Mar 2019 19:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

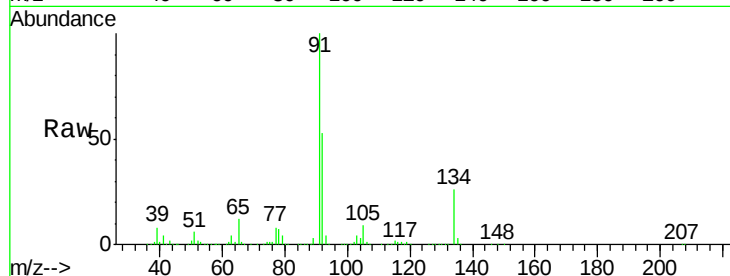
Tgt Ion: 91 Resp: 797817

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

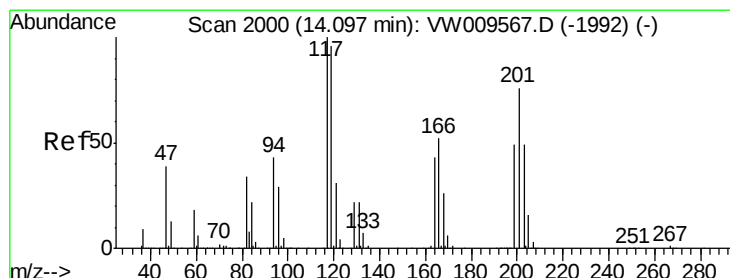
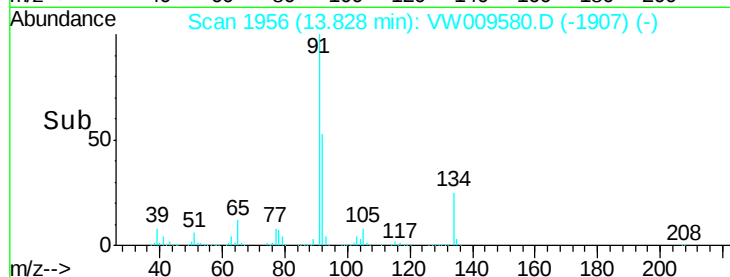
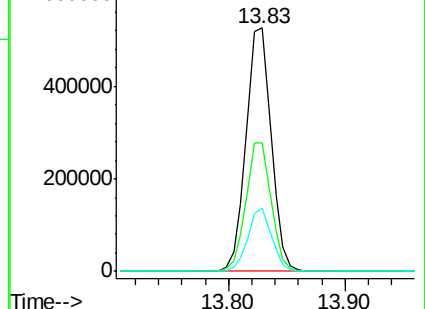
134 24.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.527 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW009580.D

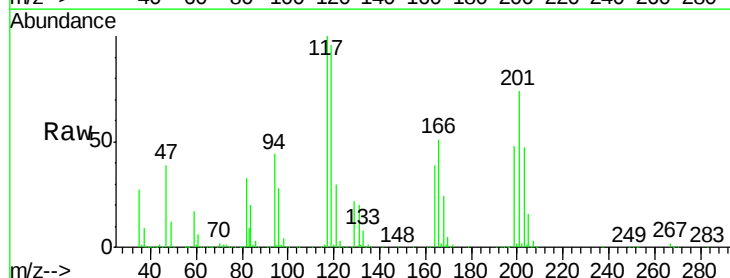
Acq: 29 Mar 2019 19:35

Tgt Ion: 117 Resp: 155347

Ion Ratio Lower Upper

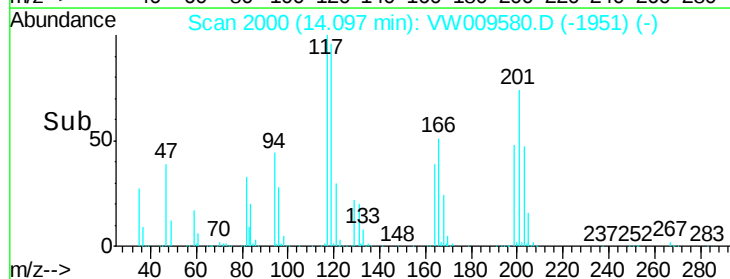
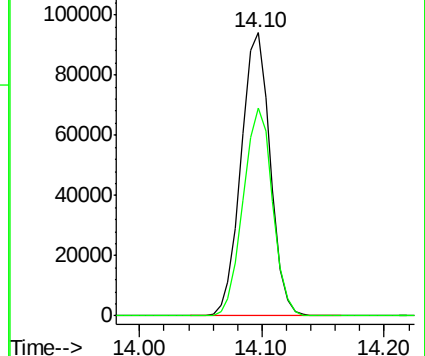
117 100

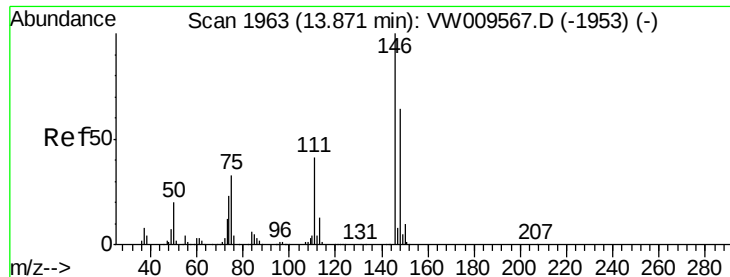
201 74.1 38.2 114.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

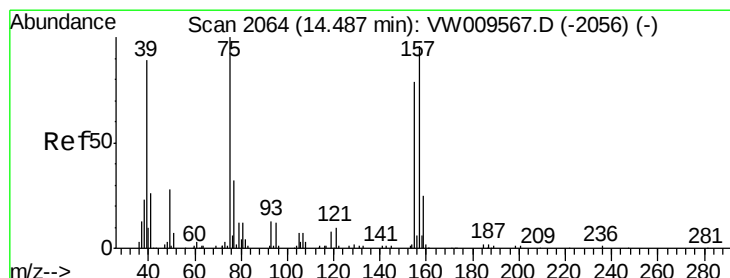
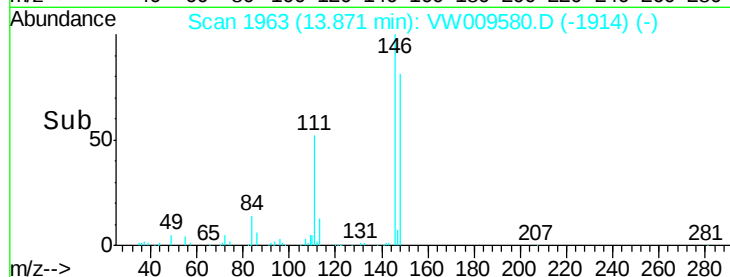
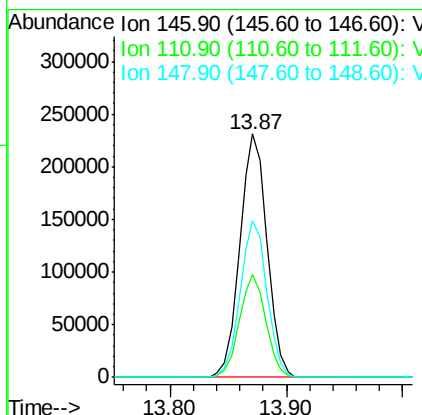
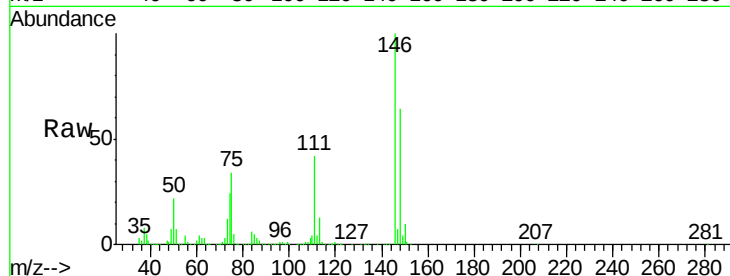




#91
 1,2-Dichlorobenzene
 Concen: 49.598 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

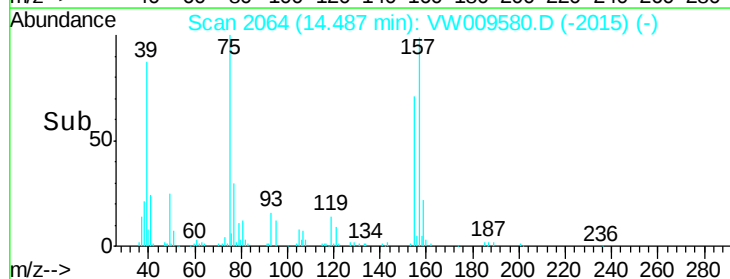
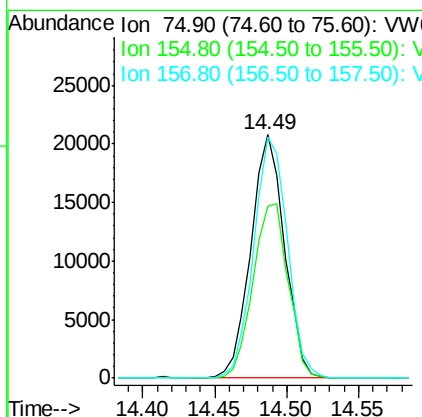
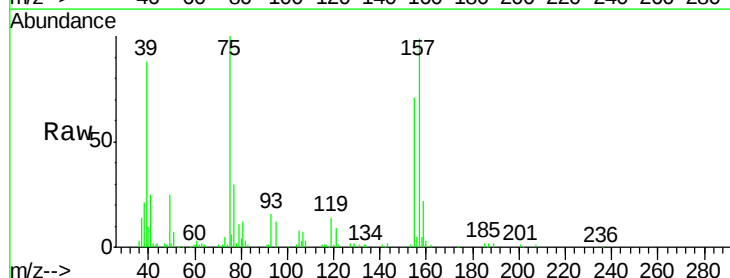
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

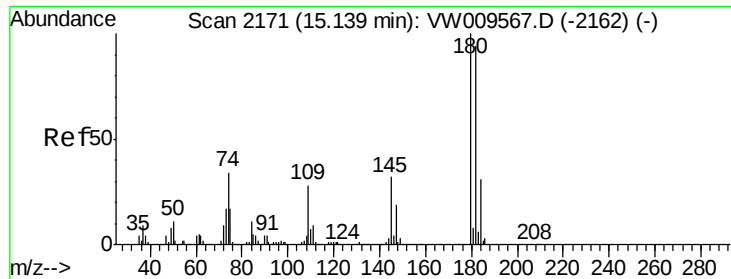
Tgt Ion:146 Resp: 374753
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.647 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion: 75 Resp: 33526
 Ion Ratio Lower Upper
 75 100
 155 74.4 39.3 117.8
 157 98.9 49.5 148.5

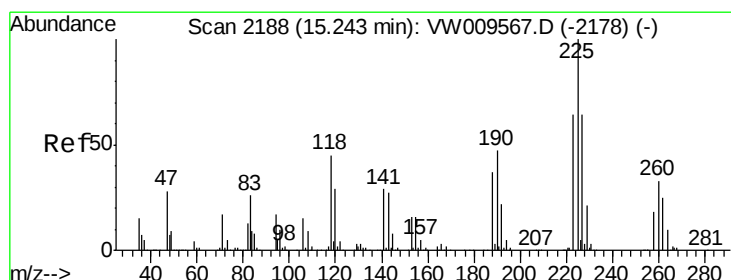
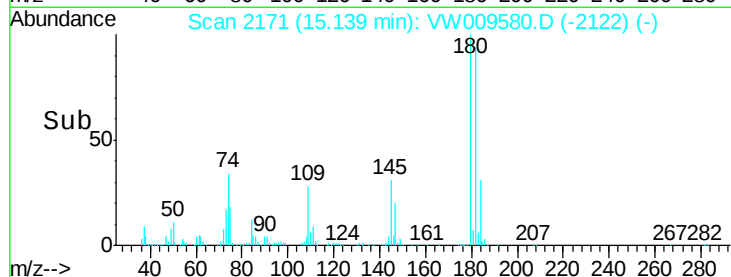
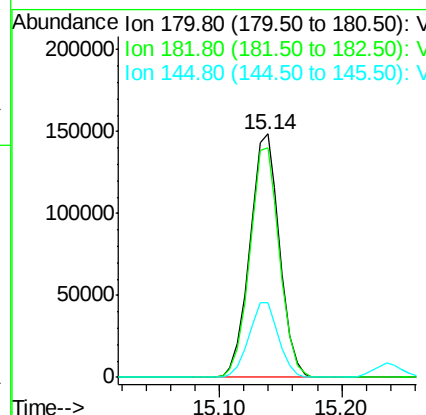
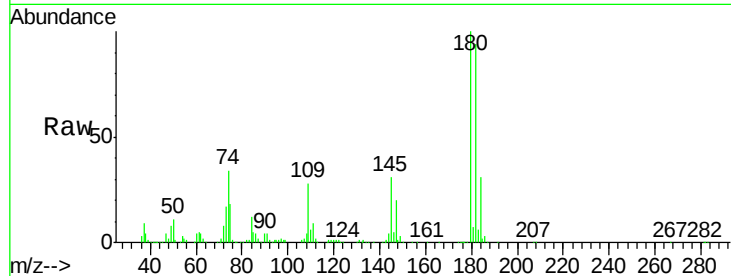




#93
 1,2,4-Trichlorobenzene
 Concen: 51.367 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

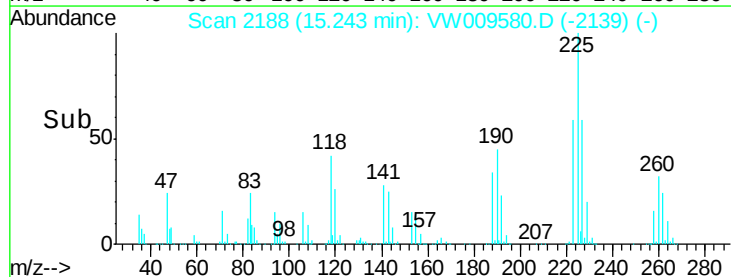
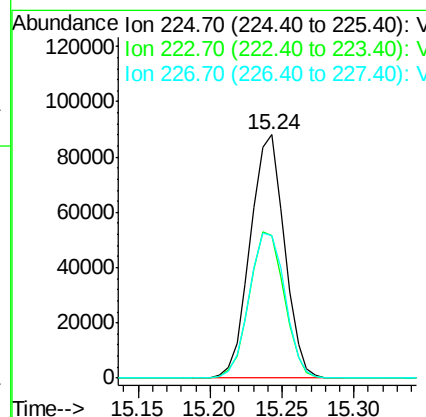
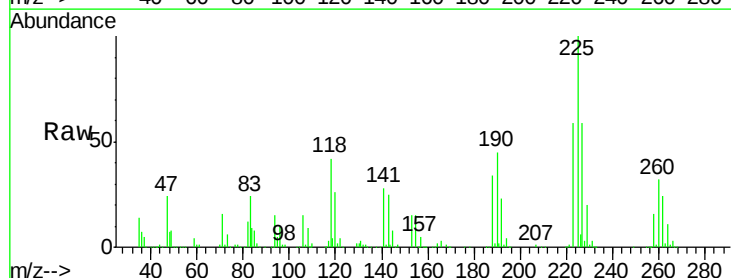
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

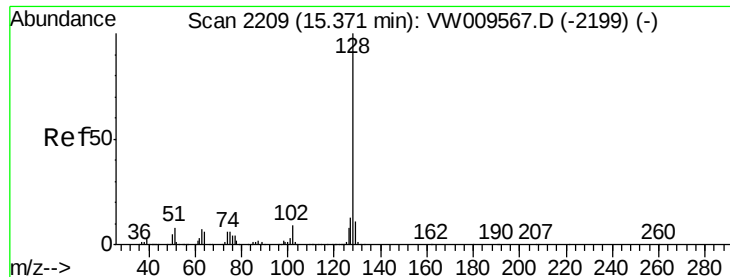
Tgt Ion:180 Resp: 249946
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.7
 145 30.8 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 46.086 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW009580.D
 Acq: 29 Mar 2019 19:35

Tgt Ion:225 Resp: 144015
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.3
 227 62.9 32.1 96.5

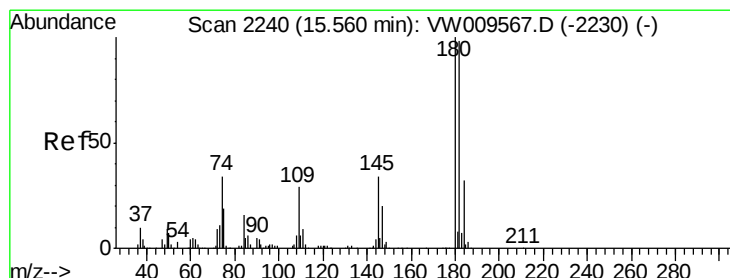
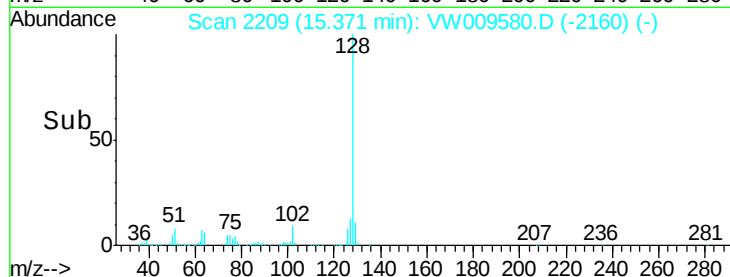
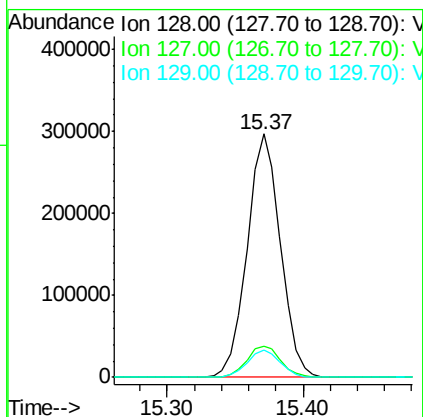
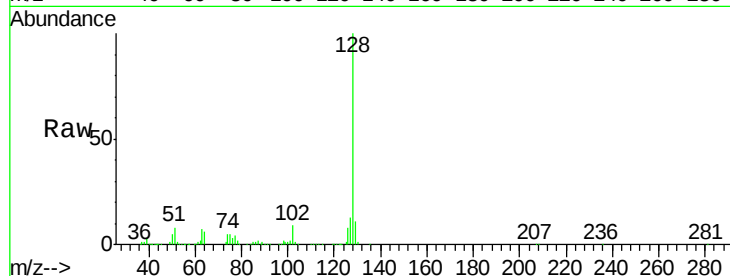




#95
Naphthalene
Concen: 51.216 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 507202
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.547 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009580.D
Acq: 29 Mar 2019 19:35

Tgt Ion:180 Resp: 228444
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 32.4 16.0 48.0

