

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
 Data File : VW008430.D
 Acq On : 28 Jan 2019 10:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 04:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	505303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	762242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	669387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	341638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	222785	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	7.88	113	218221	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.32	98	867757	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.62	95	318149	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	133967	46.146	ug/l	100
3) Chloromethane	2.21	50	178318	43.232	ug/l	99
4) Vinyl Chloride	2.37	62	269216	51.273	ug/l	98
5) Bromomethane	2.78	94	177402	52.383	ug/l	96
6) Chloroethane	2.93	64	167941	52.300	ug/l	96
7) Trichlorofluoromethane	3.26	101	206040	45.578	ug/l	99
8) Diethyl Ether	3.67	74	116549	46.251	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	233521	51.096	ug/l	97
10) Methyl Iodide	4.26	142	369544	51.192	ug/l	99
11) Tert butyl alcohol	5.17	59	83943	210.031	ug/l	98
12) 1,1-Dichloroethene	4.03	96	227311	49.147	ug/l	99
13) Acrolein	3.89	56	77070	219.089	ug/l	99
14) Allyl chloride	4.66	41	400259	45.574	ug/l	99
15) Acrylonitrile	5.36	53	241648	222.076	ug/l	99
16) Acetone	4.12	43	300106	269.209	ug/l	97
17) Carbon Disulfide	4.37	76	719663	48.719	ug/l	97
18) Methyl Acetate	4.67	43	127393	42.845	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	352962	46.124	ug/l	99
20) Methylene Chloride	4.90	84	226020	43.990	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	244318	46.986	ug/l	99
22) Diisopropyl ether	6.31	45	726221	43.629	ug/l	98
23) Vinyl Acetate	6.25	43	2119899	215.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	430420	45.683	ug/l	100
25) 2-Butanone	7.17	43	364281	235.264	ug/l	98
26) 2,2-Dichloropropane	7.17	77	305266	47.933	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	261270	46.104	ug/l	99
28) Bromochloromethane	7.51	49	195635	45.207	ug/l	96
29) Tetrahydrofuran	7.52	42	211972	216.030	ug/l	98
30) Chloroform	7.67	83	426039	45.972	ug/l	98
31) Cyclohexane	7.95	56	430637	44.202	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	382531	47.790	ug/l	98
36) 1,1-Dichloropropene	8.08	75	356886	49.566	ug/l	99
37) Ethyl Acetate	7.25	43	144190	45.263	ug/l	98
38) Carbon Tetrachloride	8.06	117	374330	51.664	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	471955	49.896	ug/l	100
40) Benzene	8.32	78	963599	48.229	ug/l	99
41) Methacrylonitrile	7.48	41	90672	48.070	ug/l	99
42) 1,2-Dichloroethane	8.40	62	273840	47.295	ug/l	99
43) Isopropyl Acetate	8.42	43	301098	45.496	ug/l	97
44) Trichloroethene	9.09	130	272934	50.235	ug/l	98
45) 1,2-Dichloropropane	9.37	63	233488	46.869	ug/l	100
46) Dibromomethane	9.45	93	121956	47.597	ug/l	98
47) Bromodichloromethane	9.64	83	326566	48.185	ug/l	99
48) Methyl methacrylate	9.43	41	142077	43.905	ug/l	98
49) 1,4-Dioxane	9.44	88	42045	970.784	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	733822	224.440	ug/l	99
52) Toluene	10.38	92	630048	47.771	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	342302	47.466	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	388061	47.417	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	169911	47.808	ug/l	95
56) Ethyl methacrylate	10.65	69	226996	45.582	ug/l	98
57) 1,3-Dichloropropane	10.93	76	300140	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	562466	232.461	ug/l	97
59) 2-Hexanone	10.97	43	573568	248.493	ug/l	100
60) Dibromochloromethane	11.13	129	218533	47.848	ug/l	99
61) 1,2-Dibromoethane	11.24	107	166589	47.273	ug/l	100
64) Tetrachloroethene	10.86	164	234832	51.814	ug/l	98
65) Chlorobenzene	11.66	112	678634	49.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	242888	49.681	ug/l	98
67) Ethyl Benzene	11.73	91	1239872	49.363	ug/l	100
68) m/p-Xylenes	11.84	106	961911	98.703	ug/l	97
69) o-Xylene	12.16	106	453454	48.970	ug/l	98
70) Styrene	12.18	104	729490	47.694	ug/l	99
71) Bromoform	12.35	173	134458	48.881	ug/l	99
73) Isopropylbenzene	12.47	105	1267133	49.750	ug/l	99
74) N-amyl acetate	12.27	43	299915	45.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	192825	47.819	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	273704	92.147	ug/l	21
77) Bromobenzene	12.75	156	275324	49.498	ug/l	96
78) n-propylbenzene	12.80	91	1515906	49.554	ug/l	99
79) 2-Chlorotoluene	12.90	91	836592	48.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1050718	49.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	69276	46.065	ug/l	97
82) 4-Chlorotoluene	12.99	91	886336	48.226	ug/l	98
83) tert-Butylbenzene	13.21	119	948819	50.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1064879	49.213	ug/l	99
85) sec-Butylbenzene	13.39	105	1348508	49.843	ug/l	100
86) p-Isopropyltoluene	13.50	119	1197910	50.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	559870	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	549216	49.195	ug/l	99
89) n-Butylbenzene	13.83	91	1150745	49.454	ug/l	99
90) Hexachloroethane	14.10	117	231062	49.856	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	485046	48.798	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	34399	44.960	ug/l	98

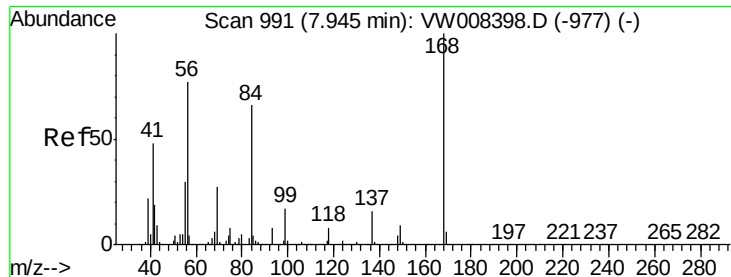
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	353074	49.777	ug/l	99
94) Hexachlorobutadiene	15.24	225	213241	49.884	ug/l	100
95) Naphthalene	15.37	128	609550	48.942	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	296575	49.290	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

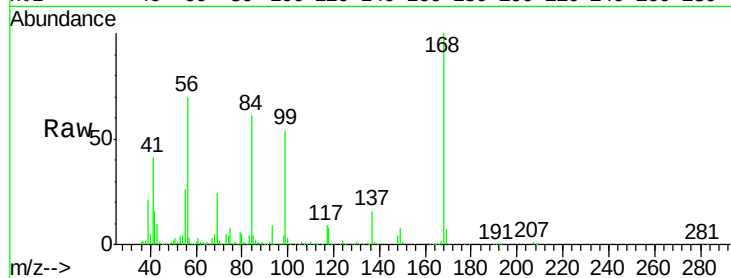
VSTDCCC050

Tgt Ion: 168 Resp: 505303

Ion Ratio Lower Upper

168 100

99 53.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

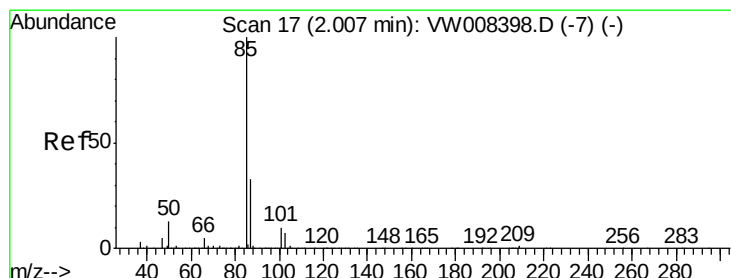
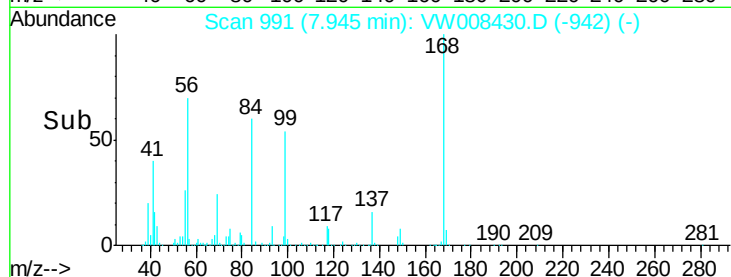
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 46.146 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008430.D

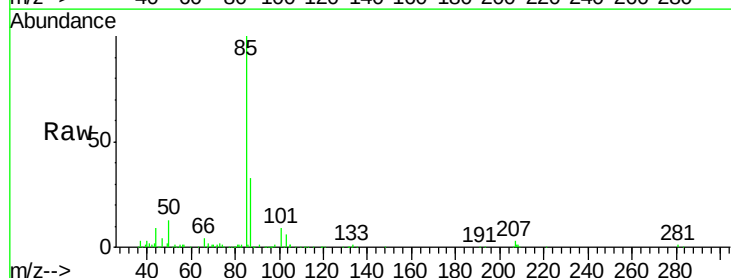
Acq: 28 Jan 2019 10:23

Tgt Ion: 85 Resp: 133967

Ion Ratio Lower Upper

85 100

87 33.2 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

40000

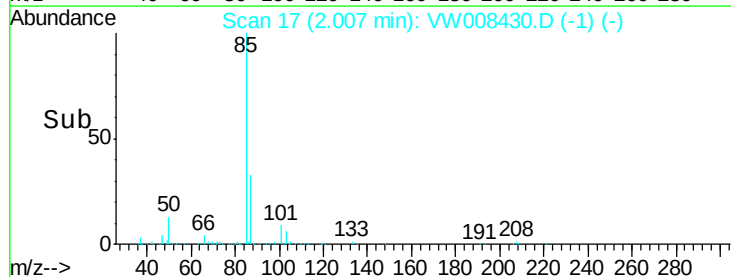
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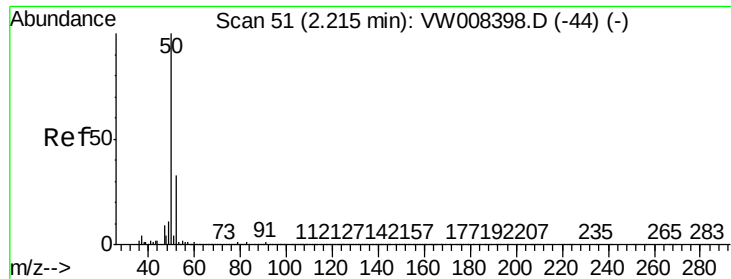
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 43.232 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

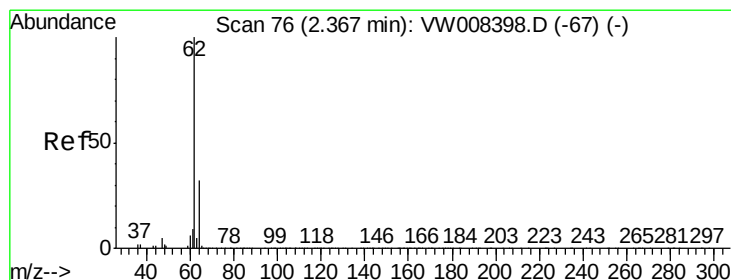
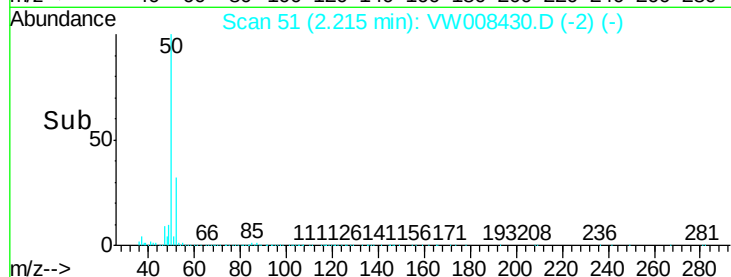
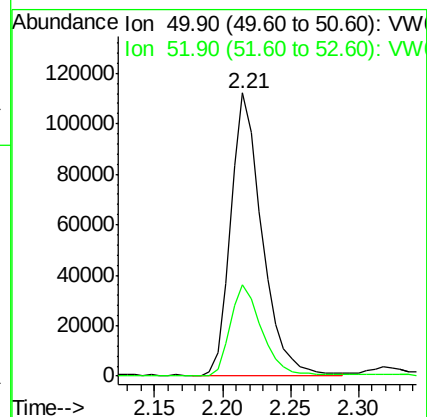
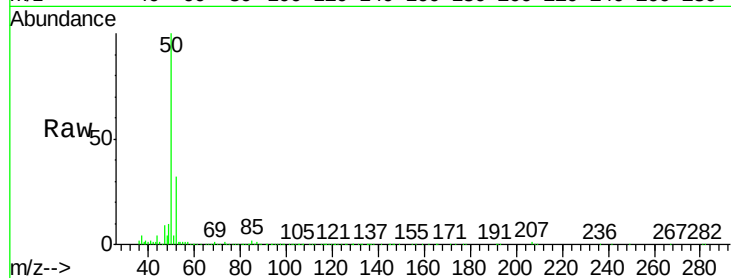
VSTDCCC050

Tgt Ion: 50 Resp: 178318

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



#4

Vinyl Chloride

Concen: 51.273 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008430.D

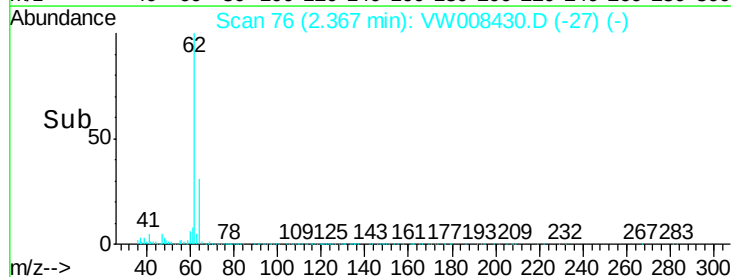
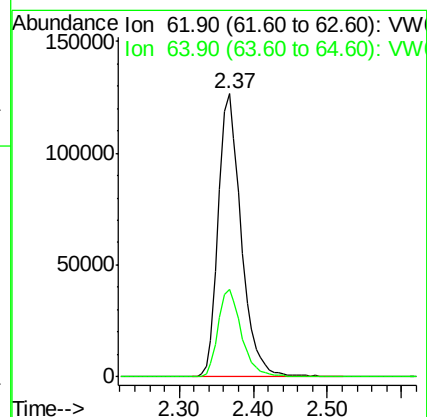
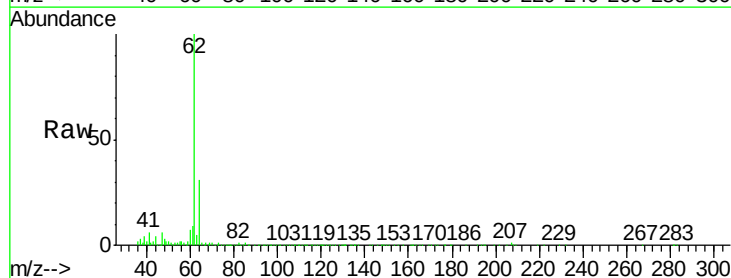
Acq: 28 Jan 2019 10:23

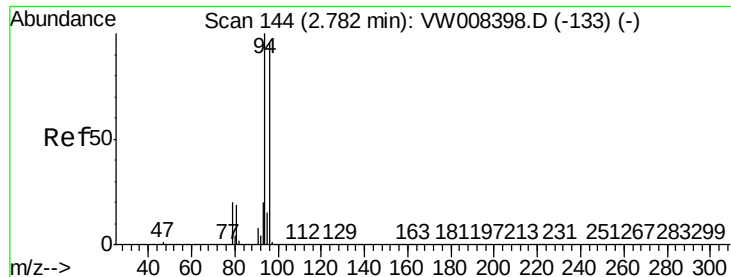
Tgt Ion: 62 Resp: 269216

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 52.383 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

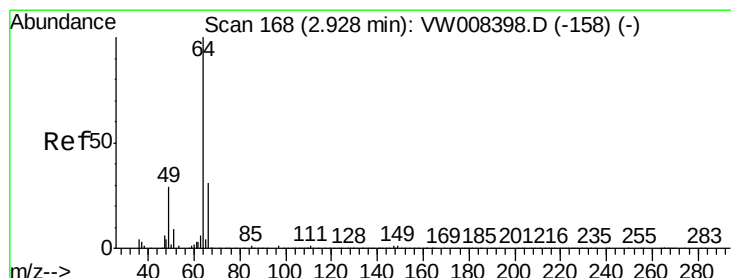
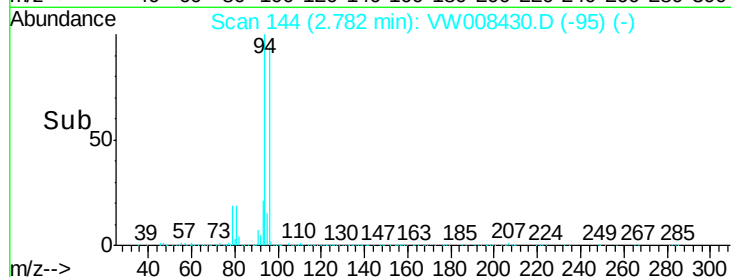
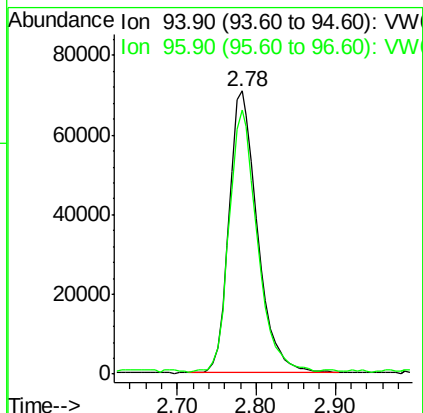
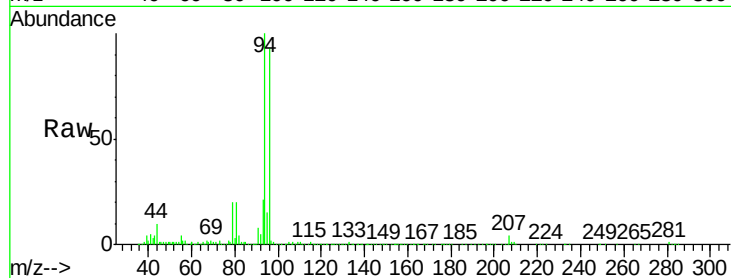
VSTDCCC050

Tgt Ion: 94 Resp: 177402

Ion Ratio Lower Upper

94 100

96 92.8 77.2 115.8



#6

Chloroethane

Concen: 52.300 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008430.D

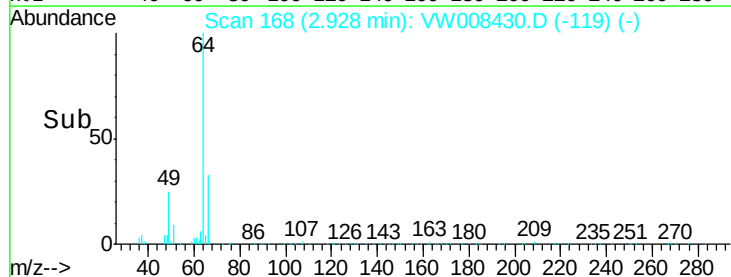
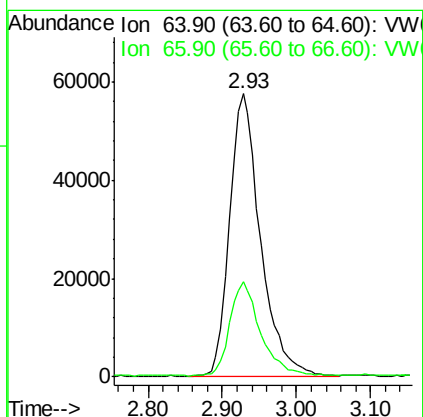
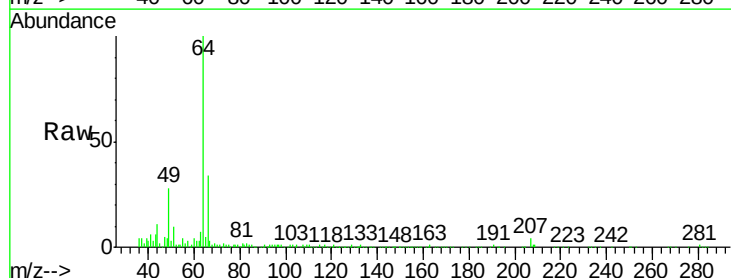
Acq: 28 Jan 2019 10:23

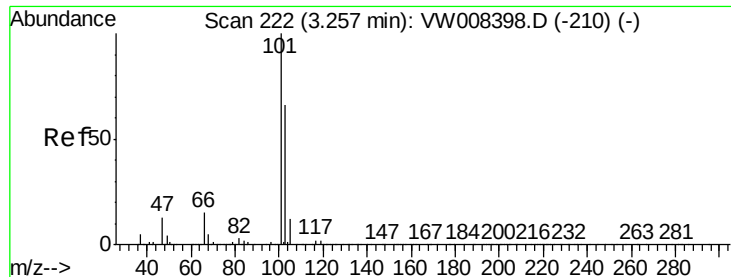
Tgt Ion: 64 Resp: 167941

Ion Ratio Lower Upper

64 100

66 33.5 24.9 37.3



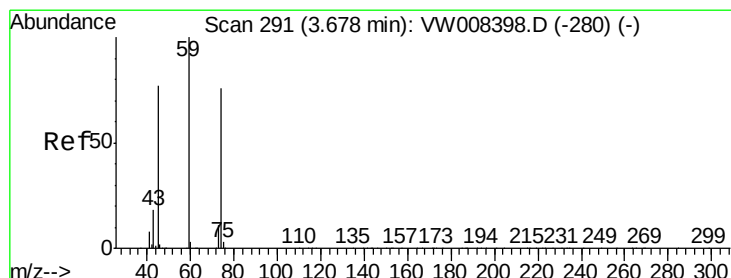
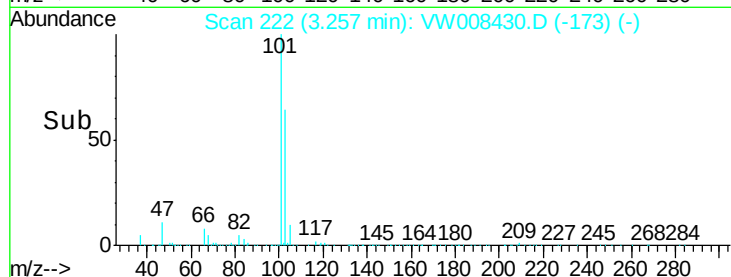
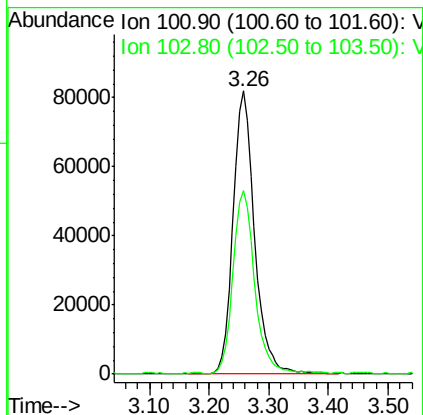
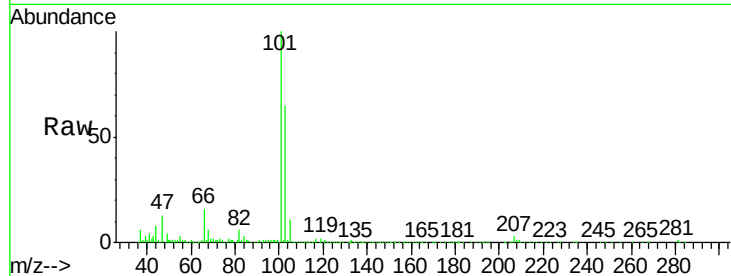


#7

Trichlorofluoromethane
Concen: 45.578 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008430.D
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VSTDCCC050

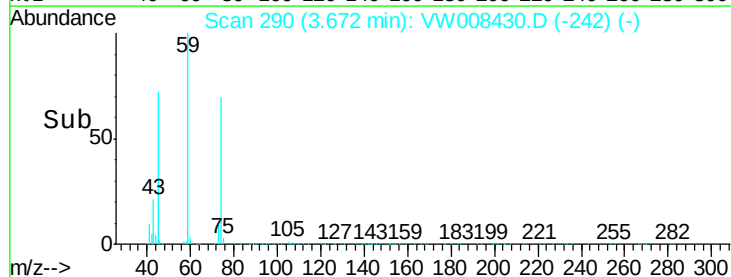
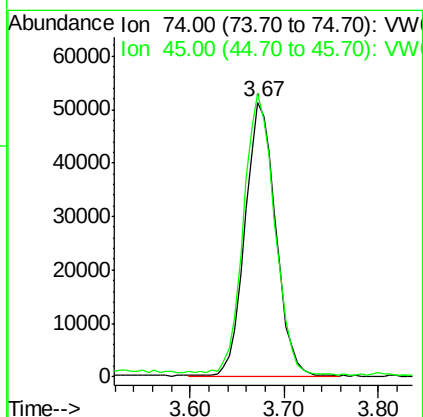
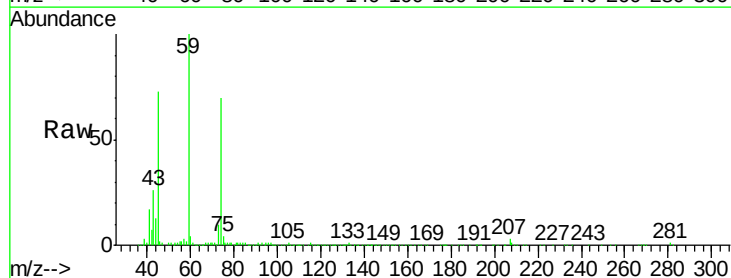
Tgt Ion:101 Resp: 206040
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7

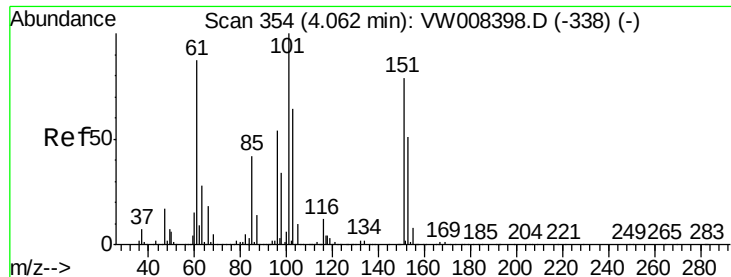


#8

Diethyl Ether
Concen: 46.251 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 74 Resp: 116549
Ion Ratio Lower Upper
74 100
45 104.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.096 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

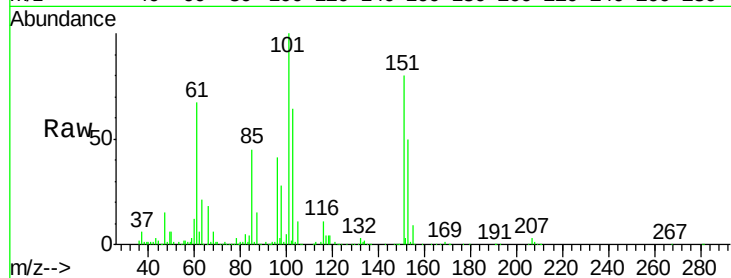
Tgt Ion:101 Resp: 233521

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

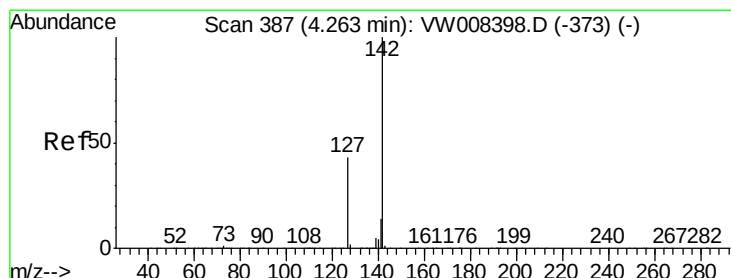
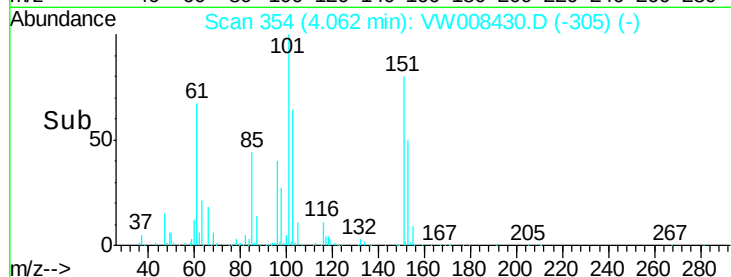
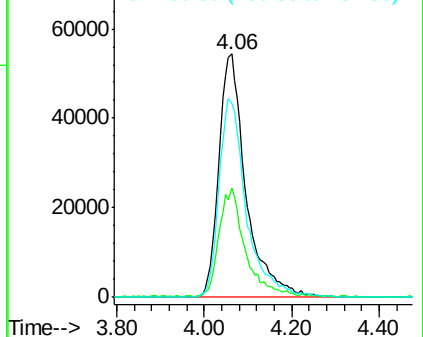
151 81.9 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.192 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

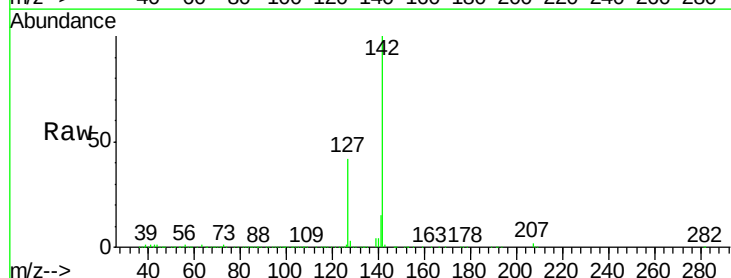
Tgt Ion:142 Resp: 369544

Ion Ratio Lower Upper

142 100

127 42.6 34.6 52.0

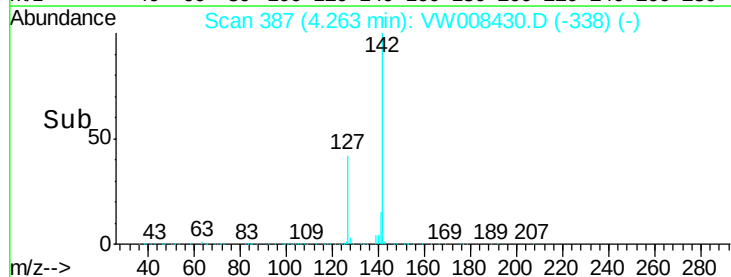
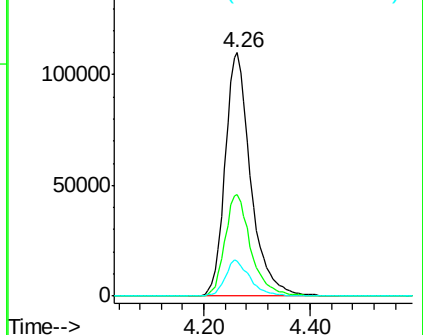
141 14.7 11.4 17.2

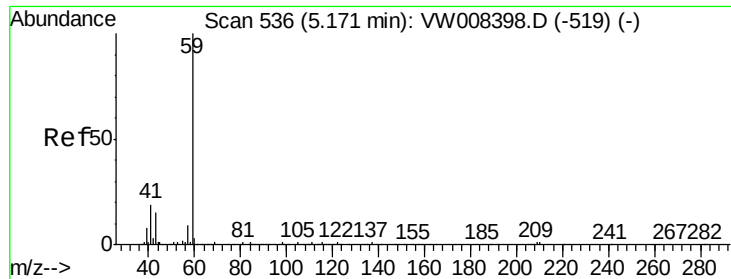


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

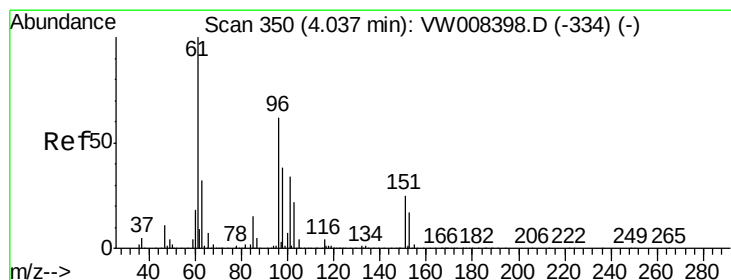
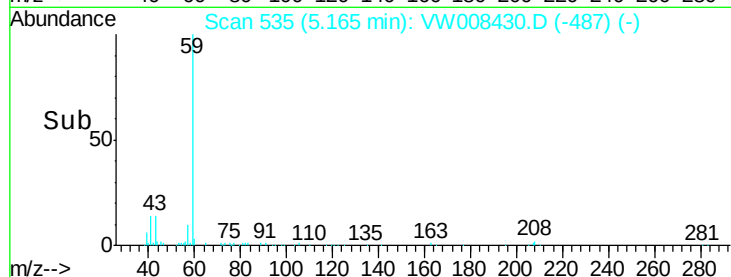
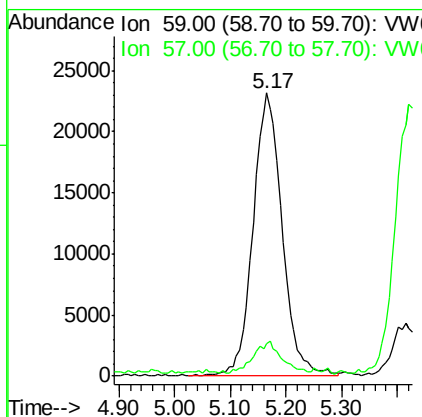
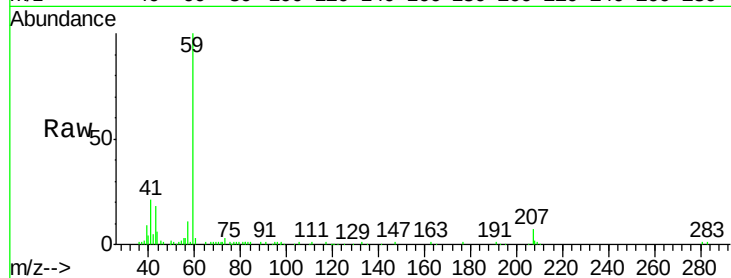




#11
Tert butyl alcohol
Concen: 210.031 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

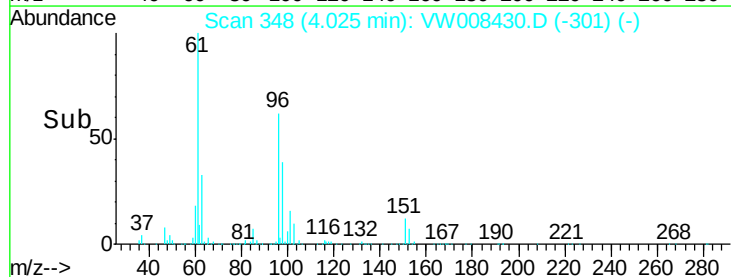
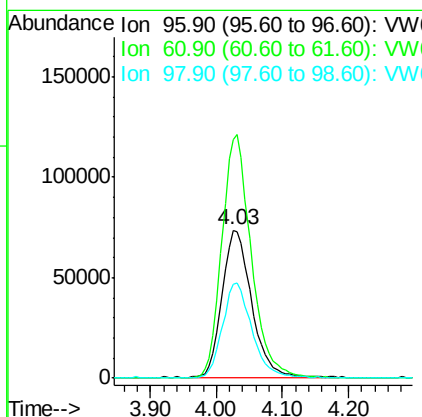
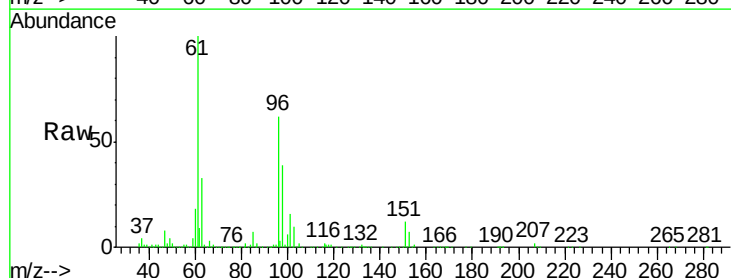
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

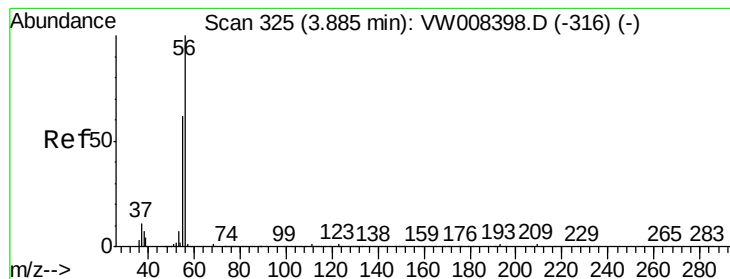
Tgt Ion: 59 Resp: 83943
Ion Ratio Lower Upper
59 100
57 10.9 9.3 13.9



#12
1,1-Dichloroethene
Concen: 49.147 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 96 Resp: 227311
Ion Ratio Lower Upper
96 100
61 161.3 129.5 194.3
98 63.0 48.6 73.0





#13

Acrolein

Concen: 219.089 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

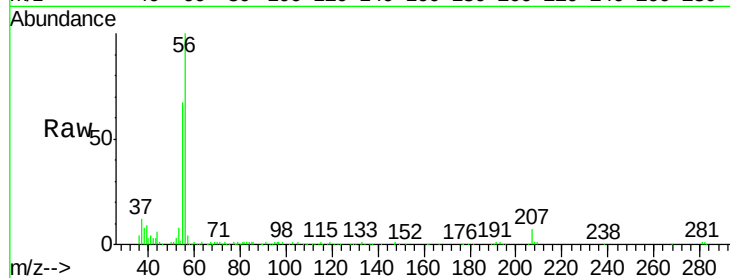
VSTDCCC050

Tgt Ion: 56 Resp: 77070

Ion Ratio Lower Upper

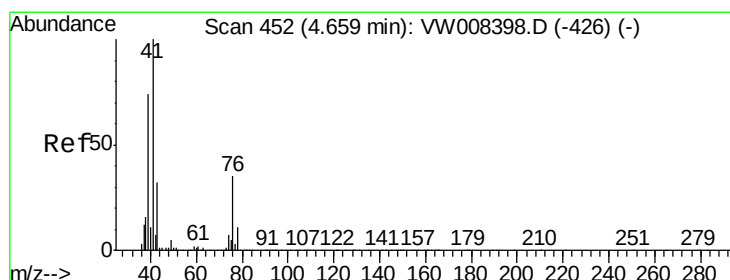
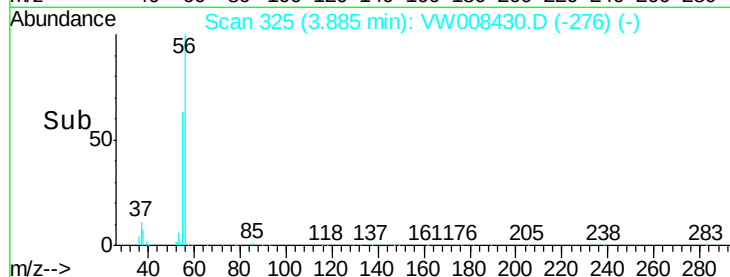
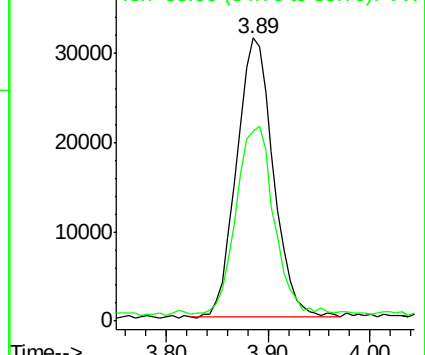
56 100

55 69.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 45.574 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

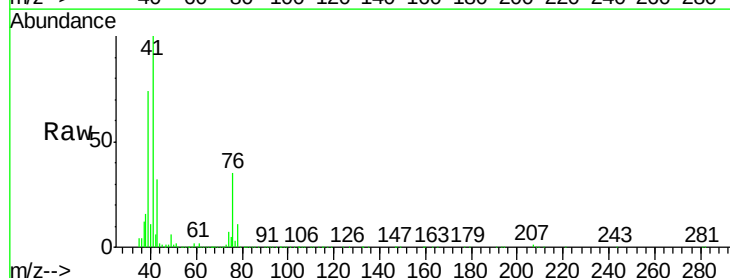
Tgt Ion: 41 Resp: 400259

Ion Ratio Lower Upper

41 100

39 72.1 57.7 86.5

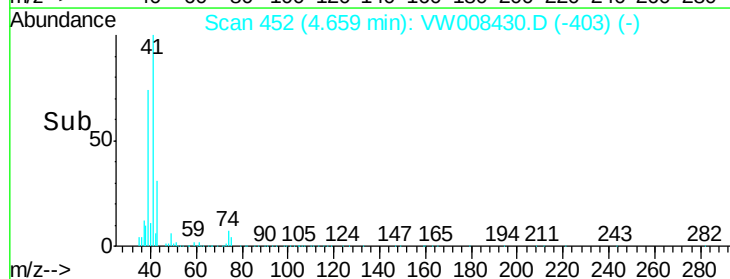
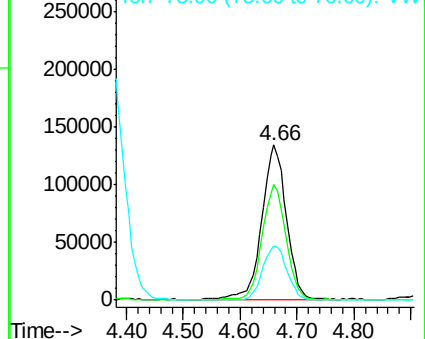
76 35.3 26.9 40.3

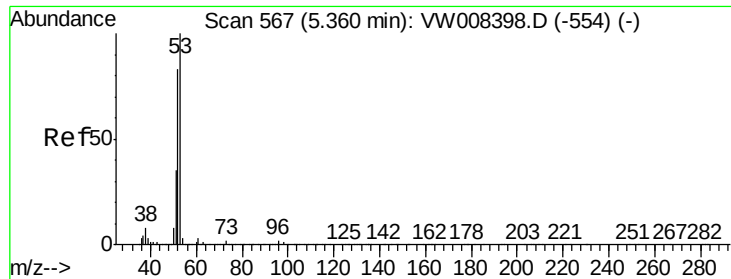


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 222.076 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

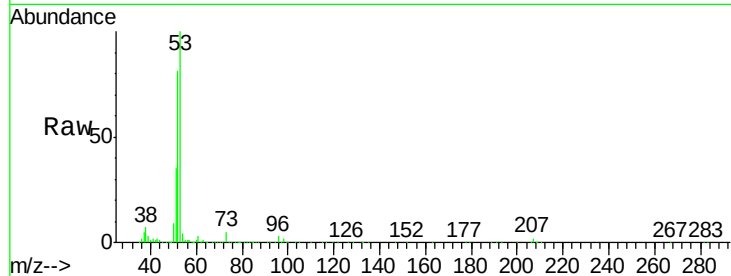
Tgt Ion: 53 Resp: 241648

Ion Ratio Lower Upper

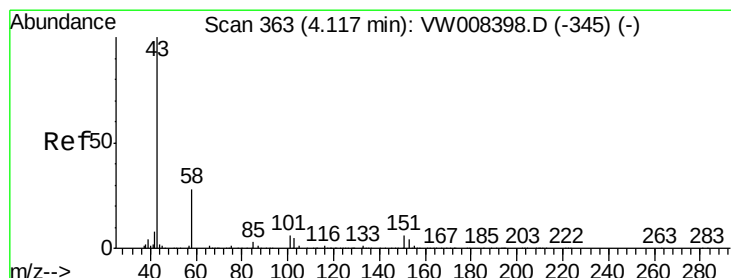
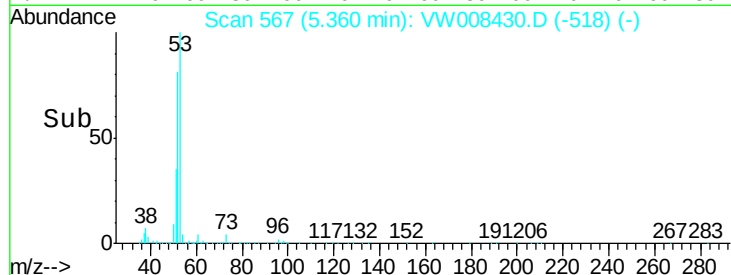
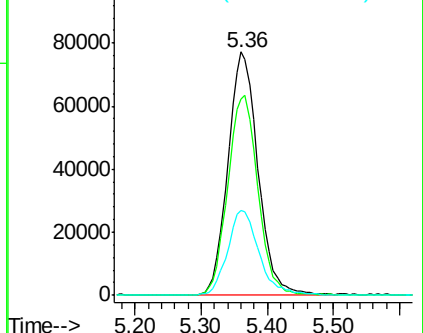
53 100

52 82.4 67.0 100.4

51 36.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 269.209 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008430.D

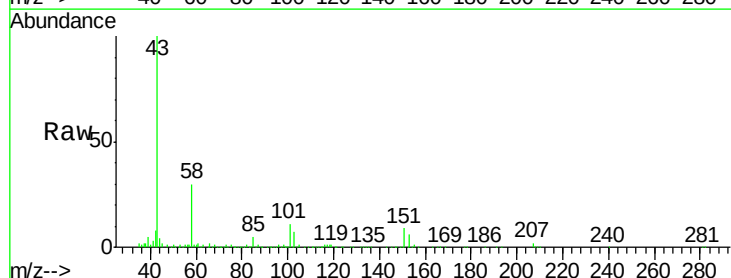
Acq: 28 Jan 2019 10:23

Tgt Ion: 43 Resp: 300106

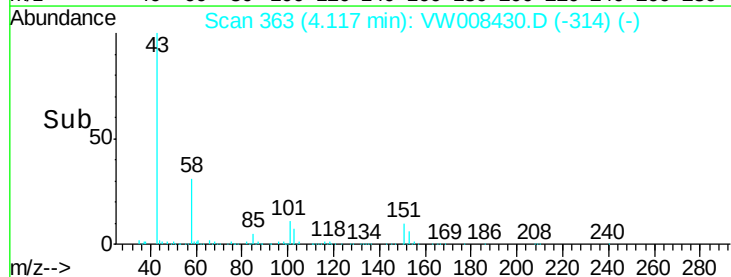
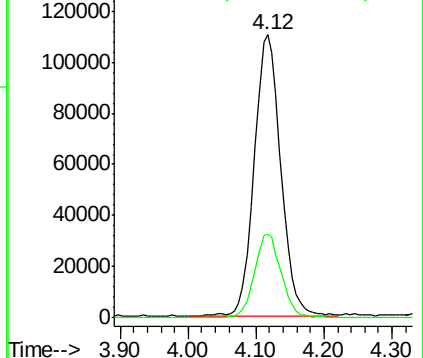
Ion Ratio Lower Upper

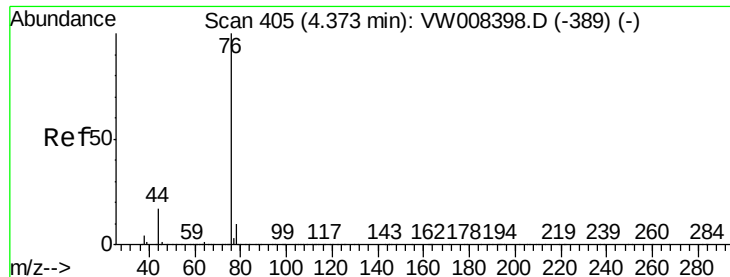
43 100

58 29.7 22.6 34.0



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

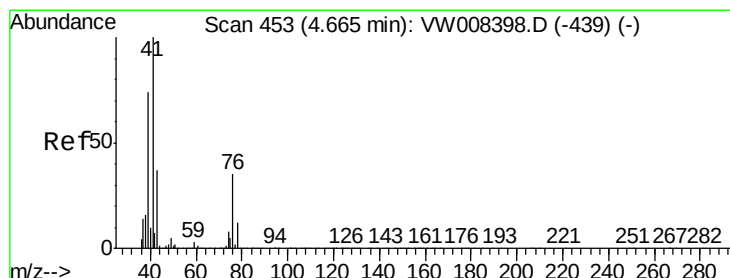
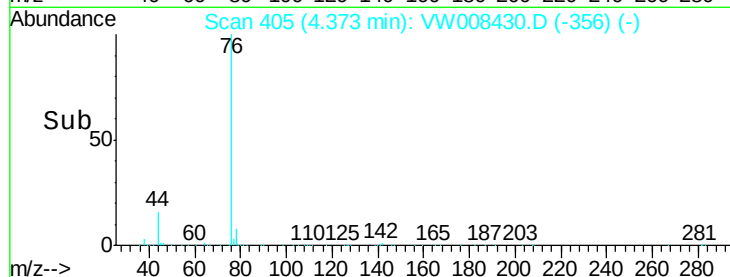
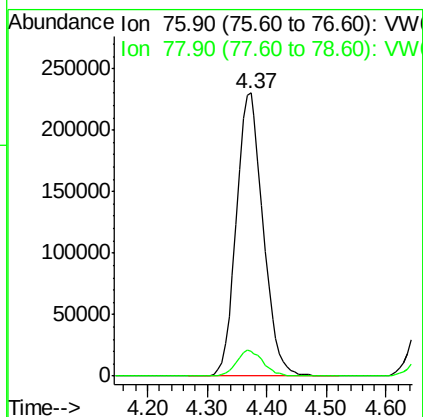
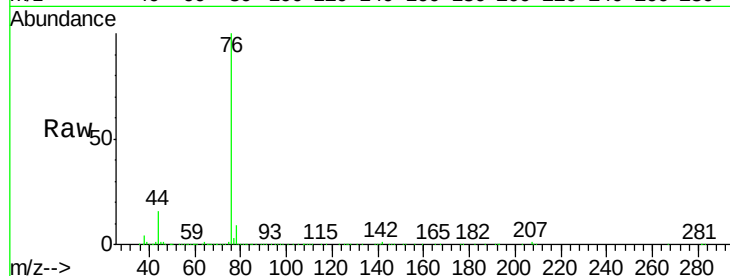




#17
Carbon Disulfide
Concen: 48.719 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

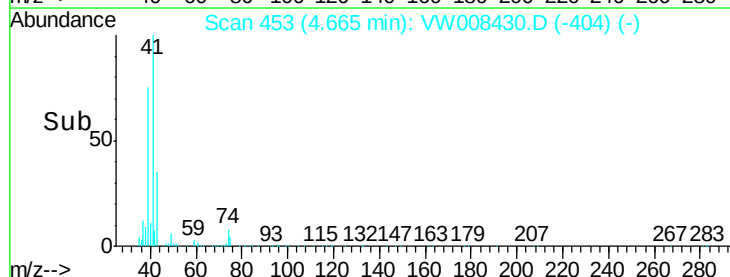
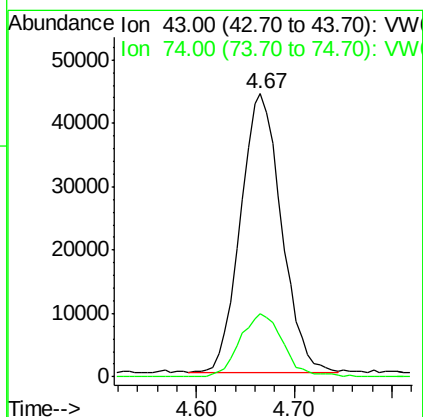
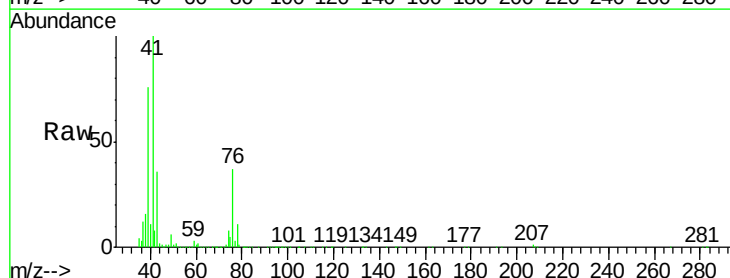
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

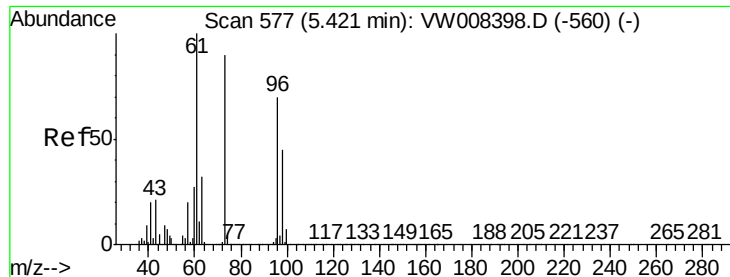
Tgt Ion: 76 Resp: 719663
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 42.845 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 43 Resp: 127393
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3



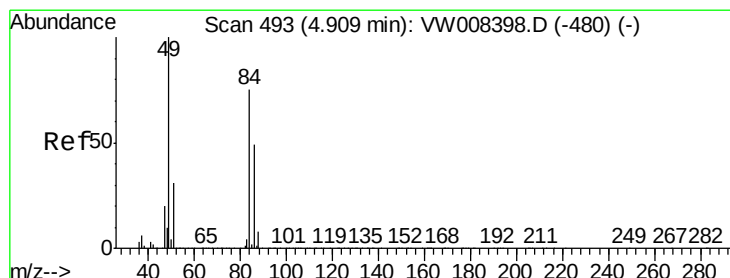
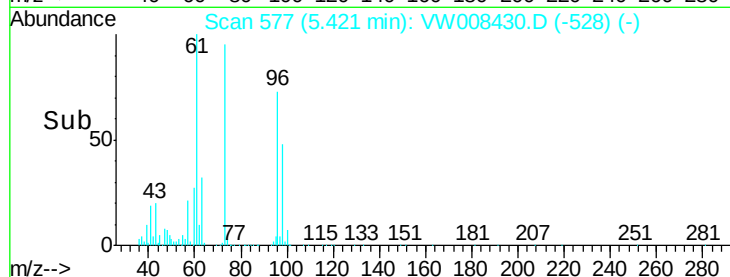
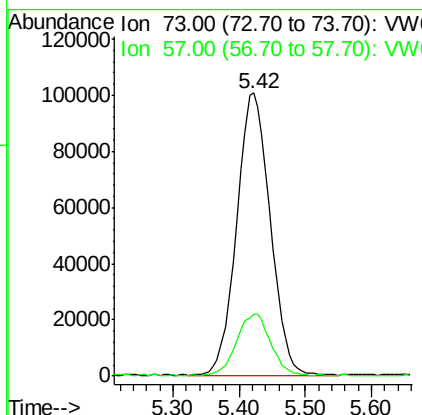
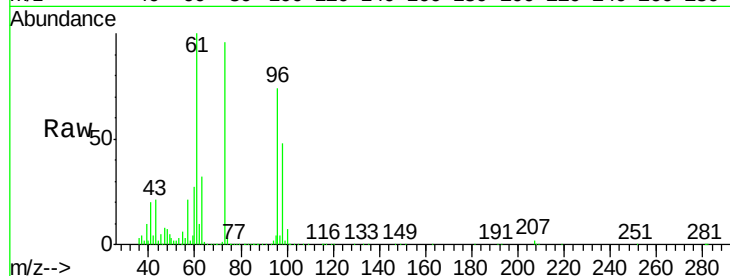


#19

Methyl tert-butyl Ether
 Concen: 46.124 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

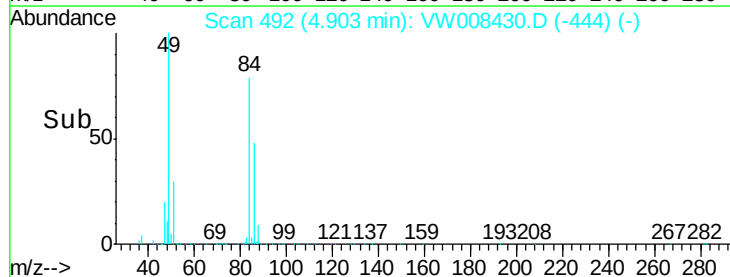
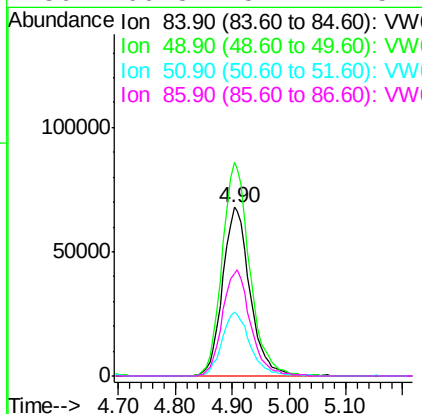
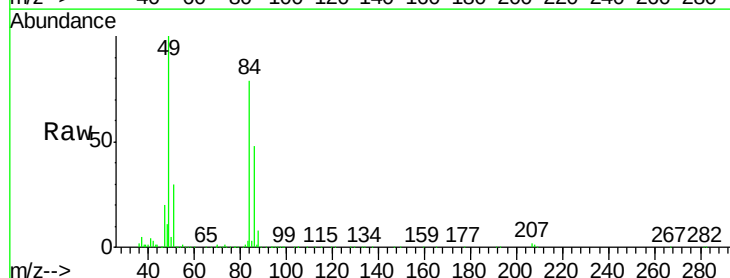
Tgt Ion: 73 Resp: 352962
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.0 27.0

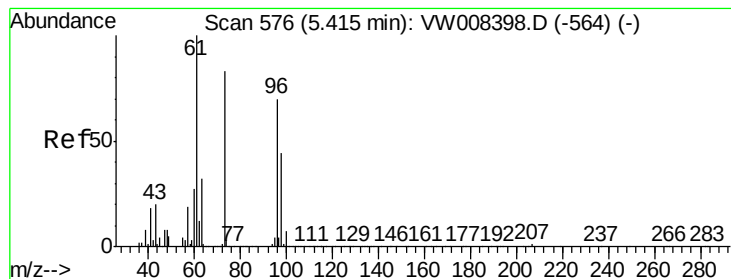


#20

Methylene Chloride
 Concen: 43.990 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 84 Resp: 226020
 Ion Ratio Lower Upper
 84 100
 49 126.9 106.8 160.2
 51 38.1 32.9 49.3
 86 60.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 46.986 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

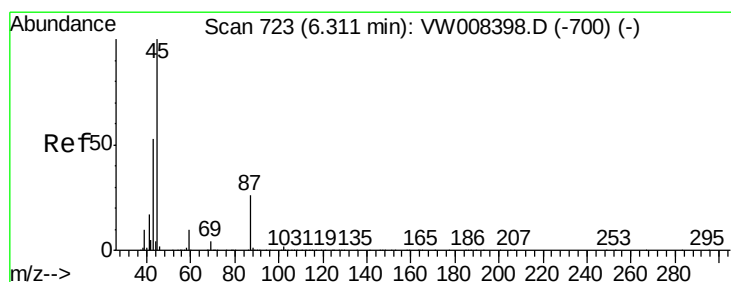
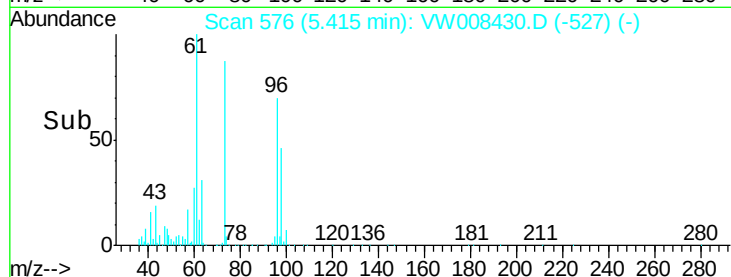
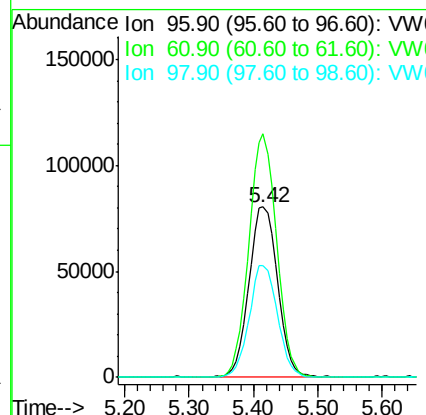
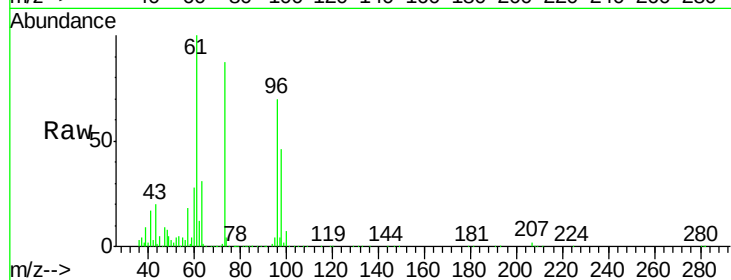
Tgt Ion: 96 Resp: 244318

Ion Ratio Lower Upper

96 100

61 143.3 114.4 171.6

98 65.7 50.6 75.8



#22

Diisopropyl ether

Concen: 43.629 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Tgt Ion: 45 Resp: 726221

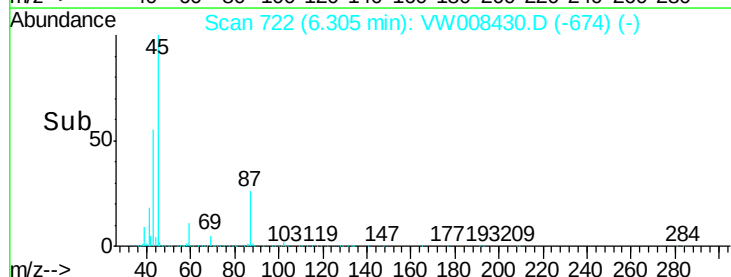
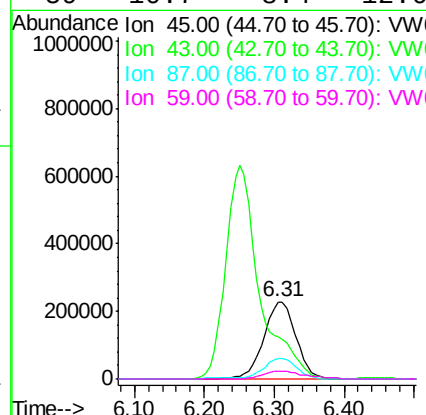
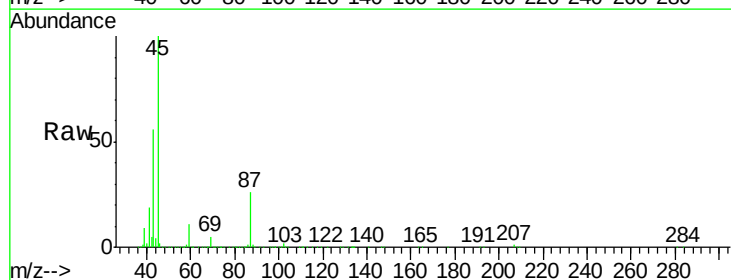
Ion Ratio Lower Upper

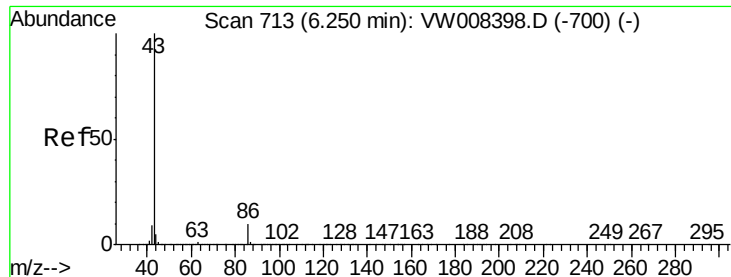
45 100

43 55.1 42.6 63.8

87 26.1 20.3 30.5

59 10.7 8.4 12.6

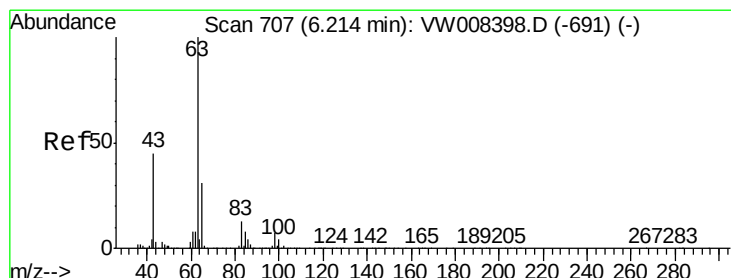
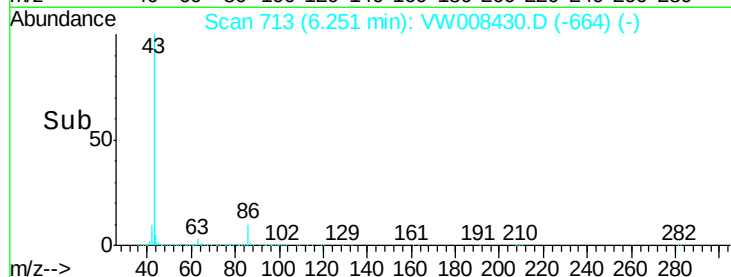
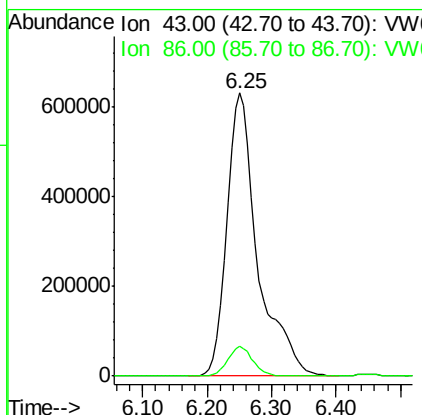
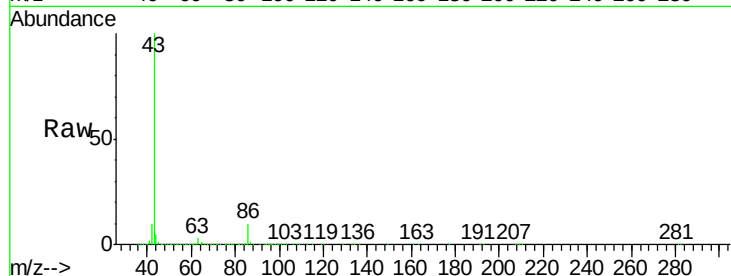




#23
 Vinyl Acetate
 Concen: 215.685 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

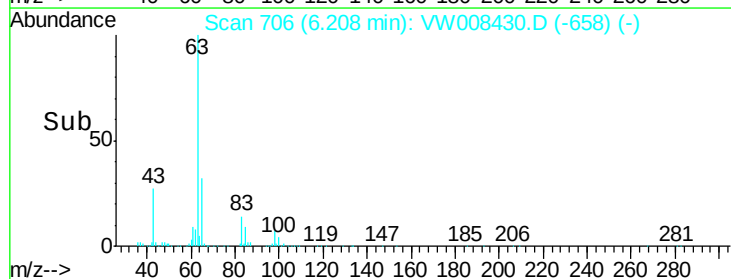
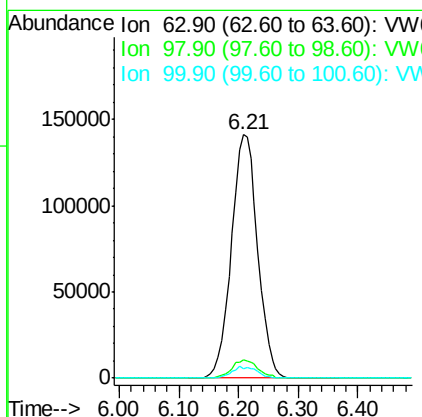
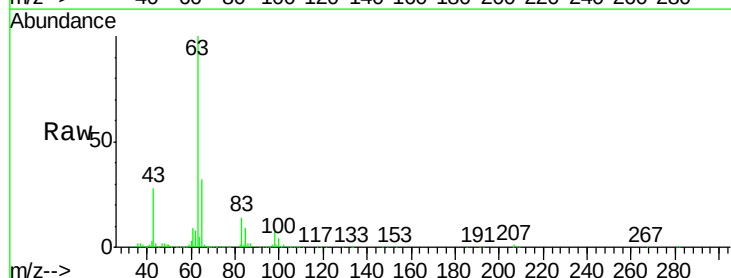
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

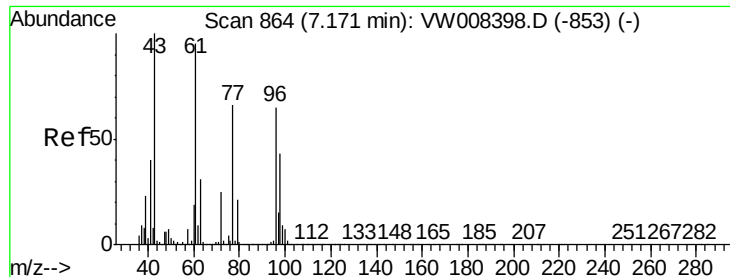
Tgt Ion: 43 Resp: 2119899
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 45.683 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 63 Resp: 430420
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 235.264 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

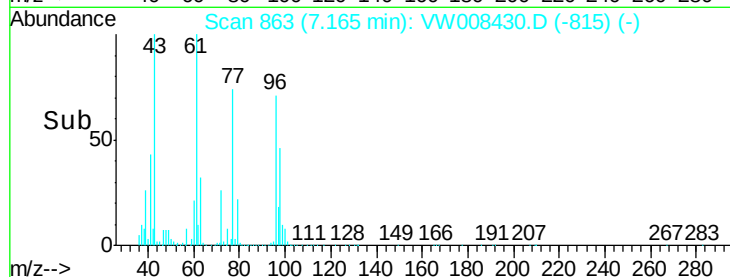
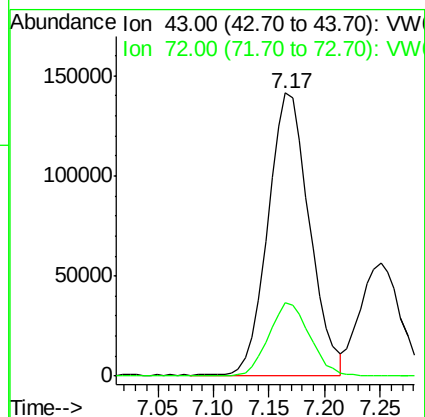
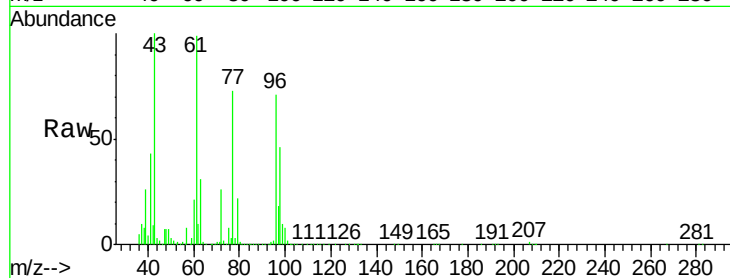
VSTDCCC050

Tgt Ion: 43 Resp: 364281

Ion Ratio Lower Upper

43 100

72 26.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 47.933 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008430.D

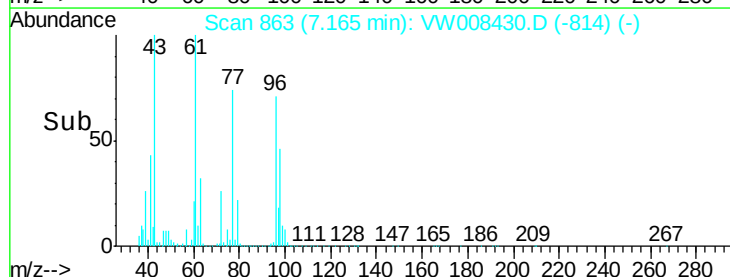
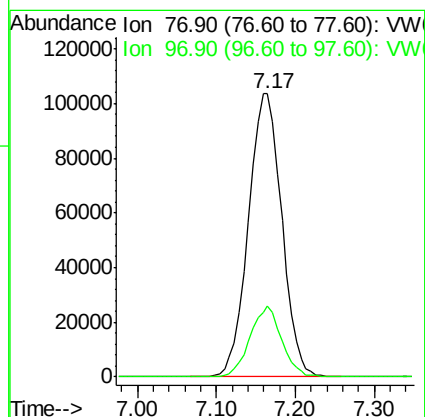
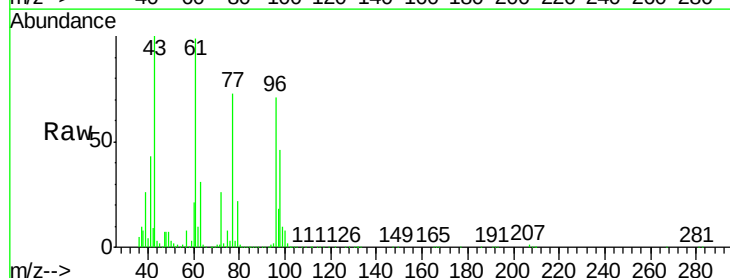
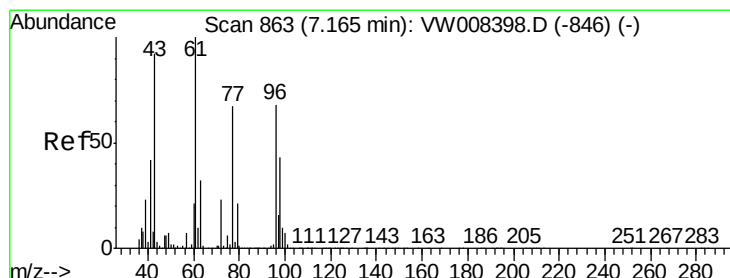
Acq: 28 Jan 2019 10:23

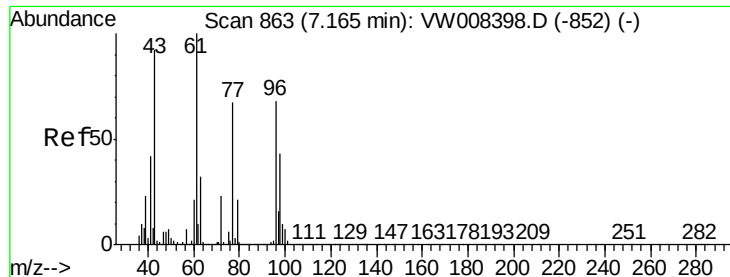
Tgt Ion: 77 Resp: 305266

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5



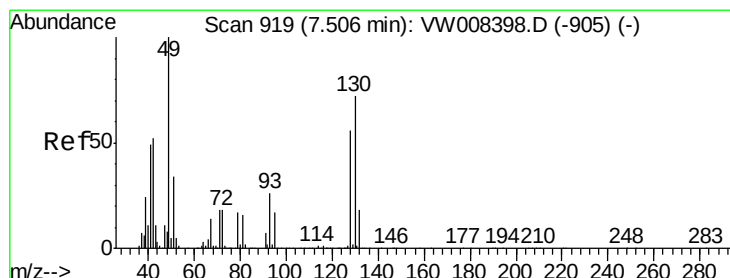
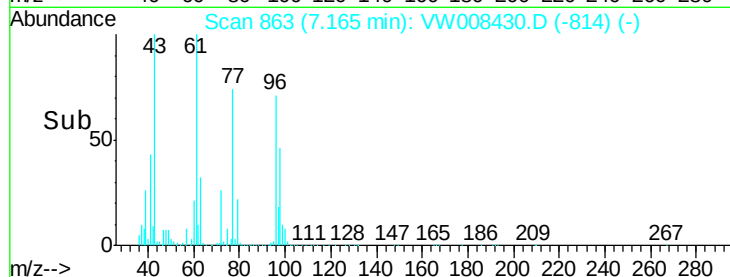
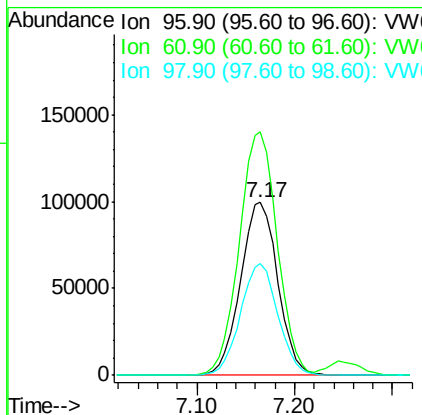
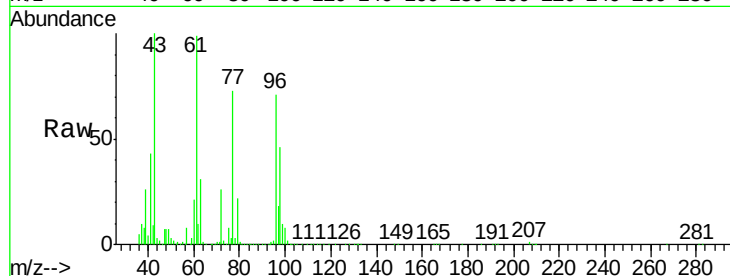


#27

cis-1,2-Dichloroethene
Concen: 46.104 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

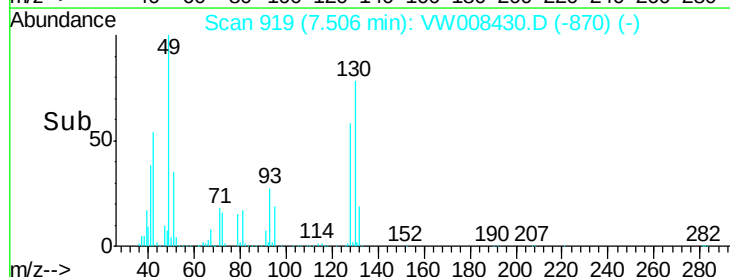
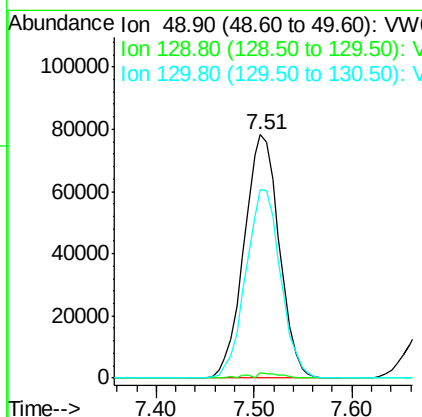
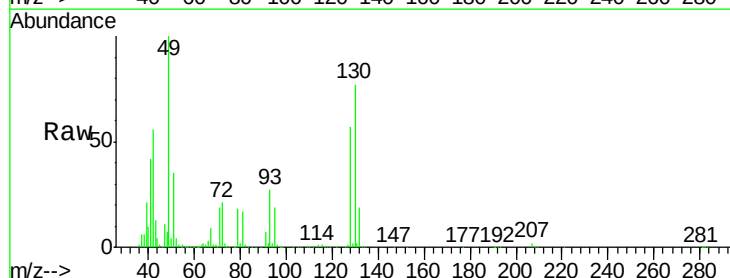
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	292.8
98	65.2	0.0	129.2

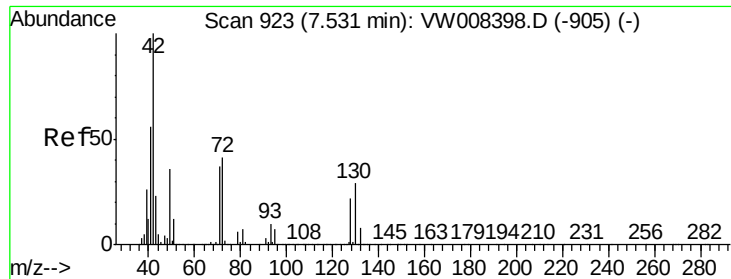


#28

Bromochloromethane
Concen: 45.207 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	77.0	58.6	87.8

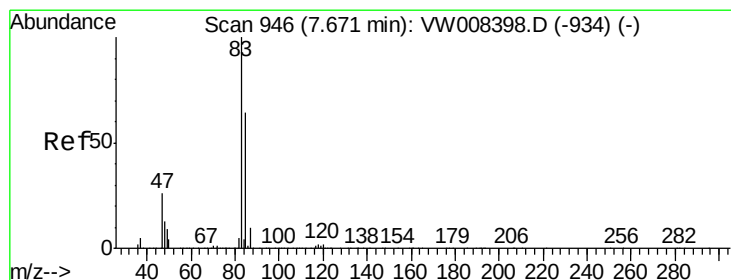
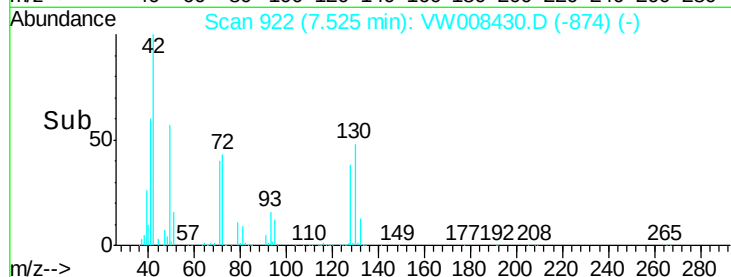
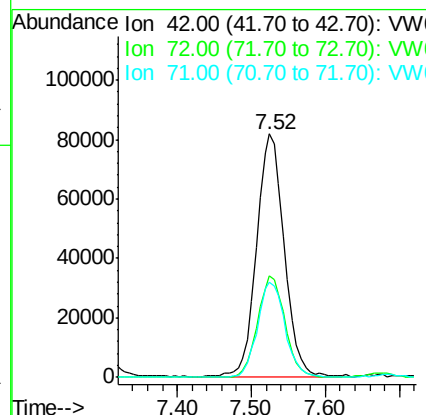
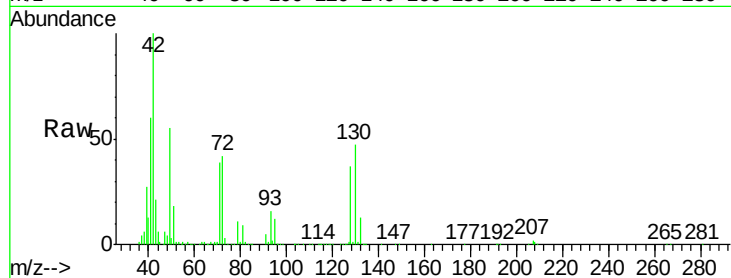




#29
Tetrahydrofuran
Concen: 216.030 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

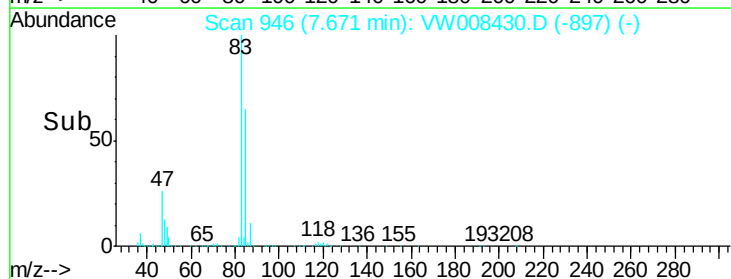
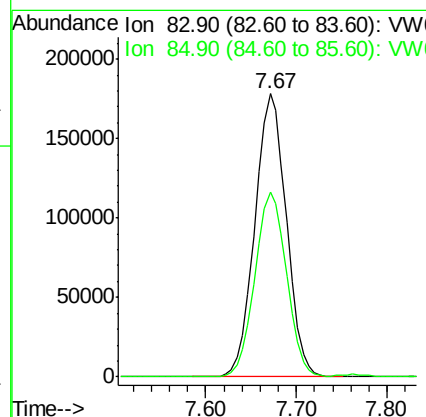
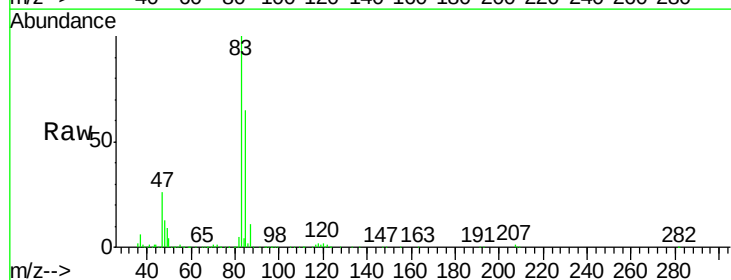
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

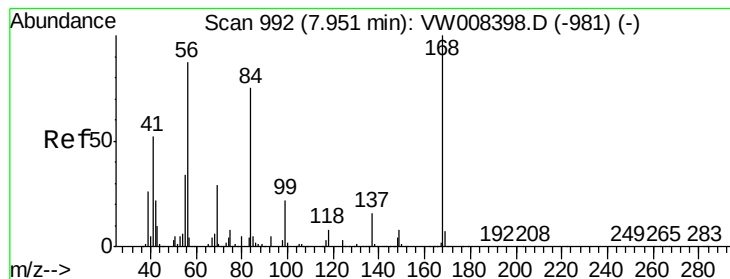
Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	31.9	47.9
71	38.8	29.9	44.9



#30
Chloroform
Concen: 45.972 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3





#31

Cyclohexane

Concen: 44.202 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

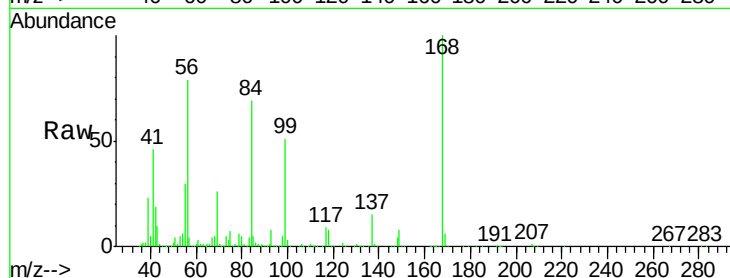
Tgt Ion: 56 Resp: 430637

Ion Ratio Lower Upper

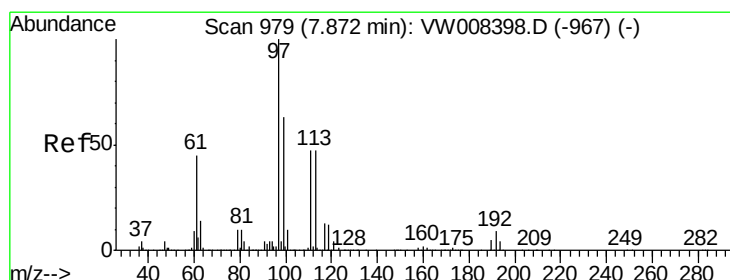
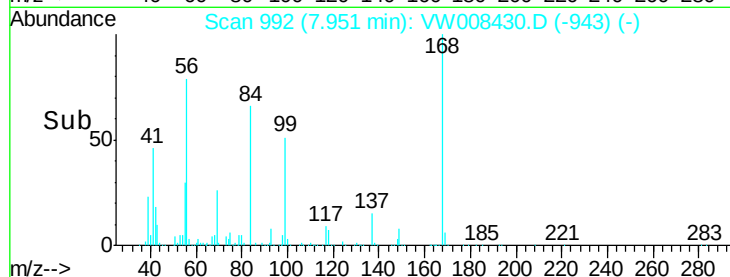
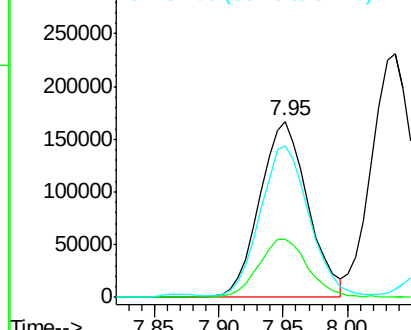
56 100

69 33.1 26.4 39.6

84 85.1 69.1 103.7



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: 47.790 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

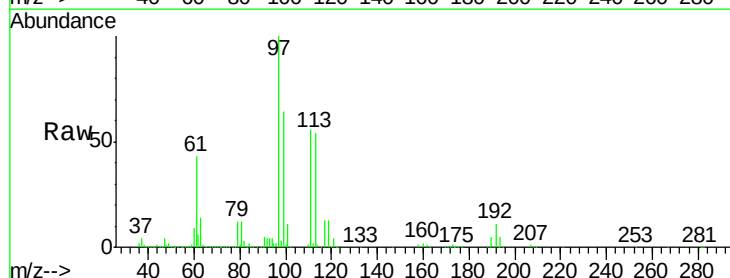
Tgt Ion: 97 Resp: 382531

Ion Ratio Lower Upper

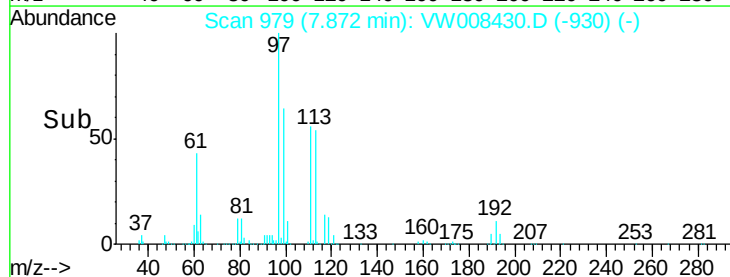
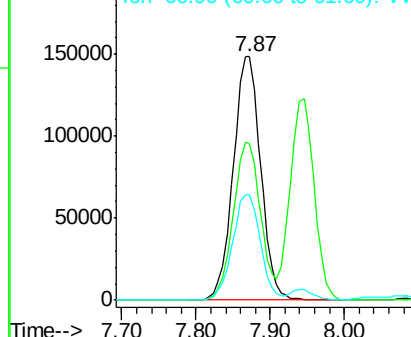
97 100

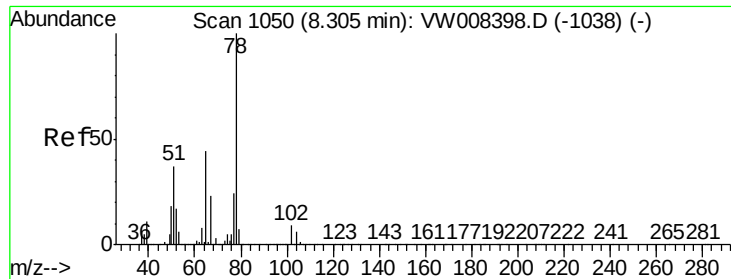
99 65.0 51.3 76.9

61 43.9 36.2 54.4



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

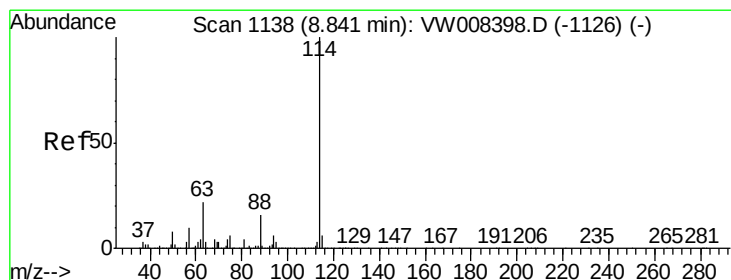
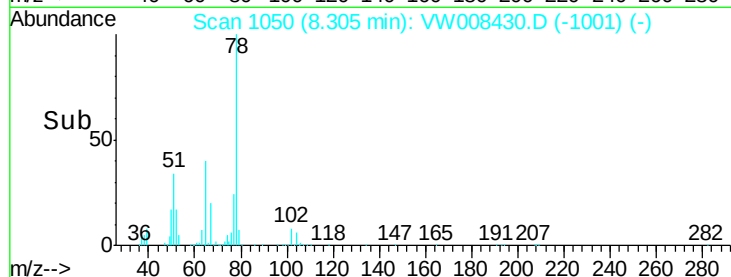
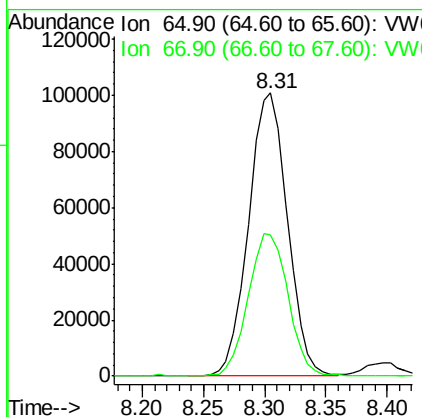
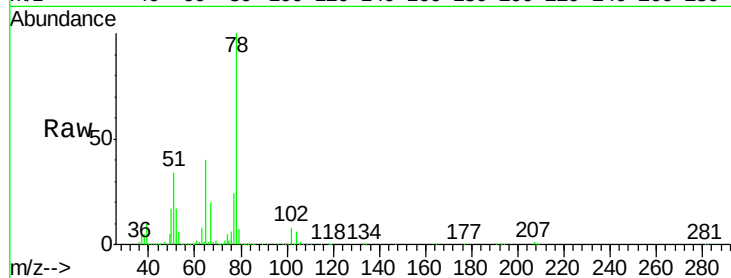




#33
 1,2-Dichloroethane-d4
 Concen: 44.879 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

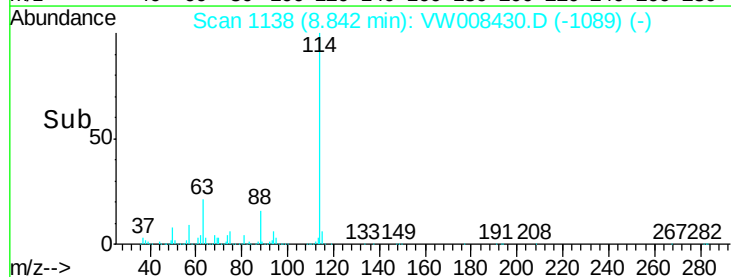
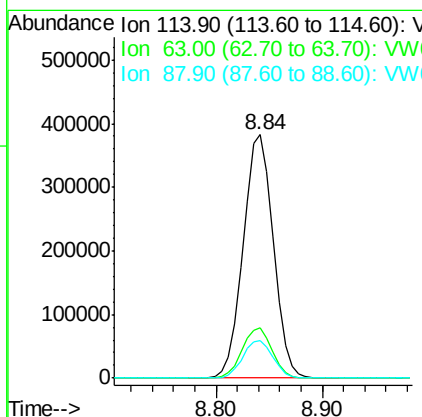
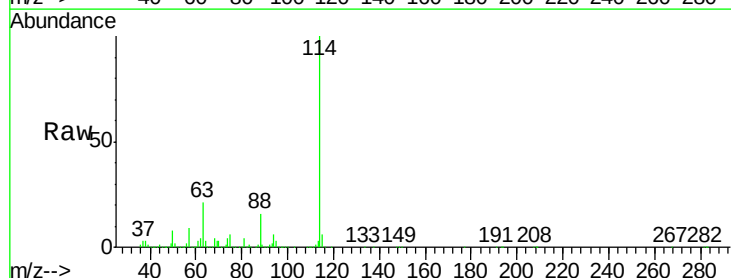
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

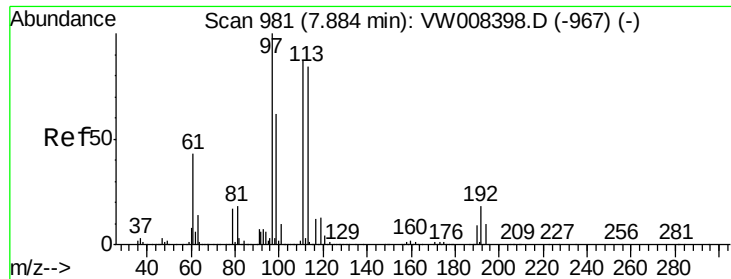
Tgt Ion: 65 Resp: 222785
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 114 Resp: 762242
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.960 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

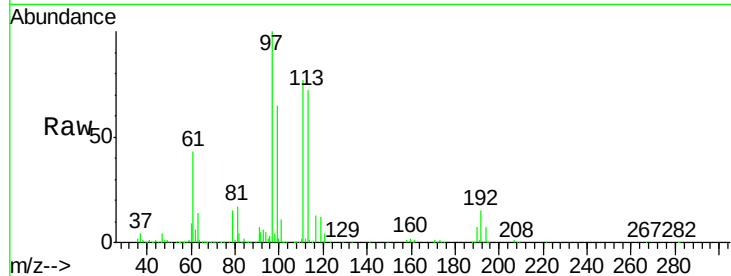
Tgt Ion:113 Resp: 218221

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

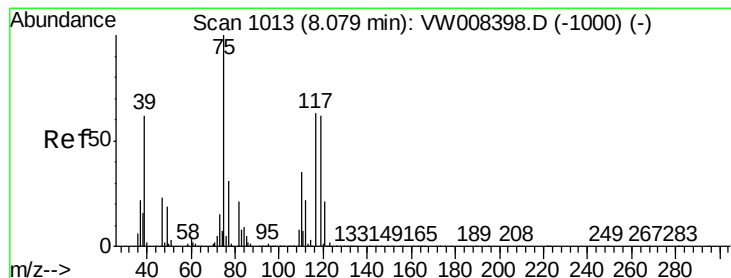
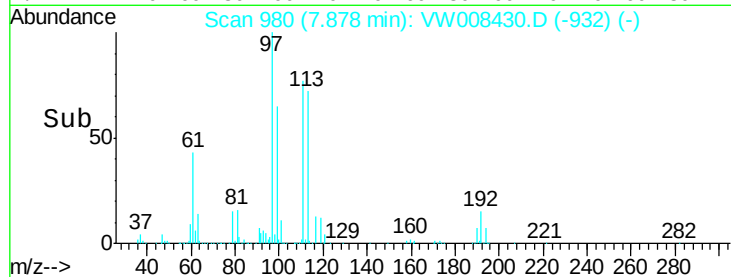
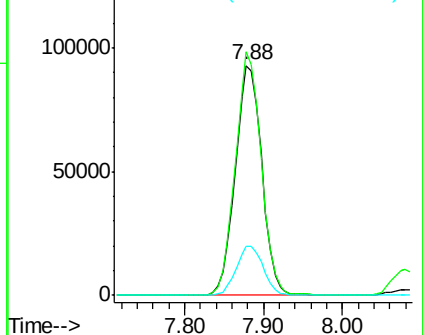
192 21.7 16.8 25.2



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: 49.566 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

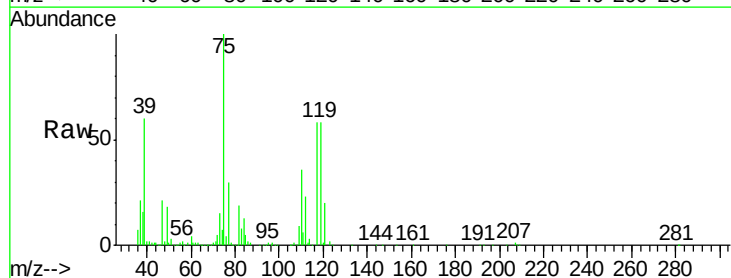
Tgt Ion: 75 Resp: 356886

Ion Ratio Lower Upper

75 100

110 36.1 17.3 52.0

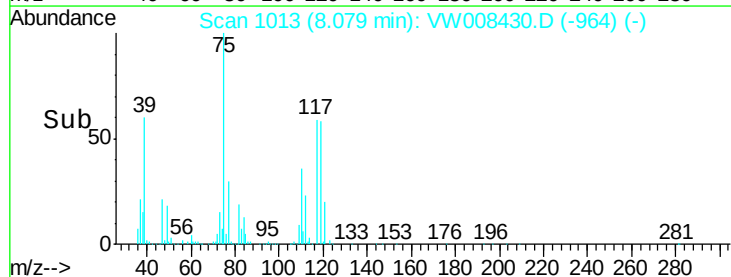
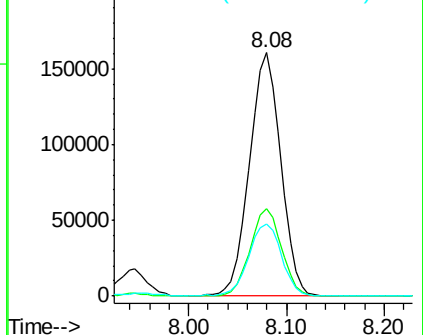
77 31.0 24.7 37.1

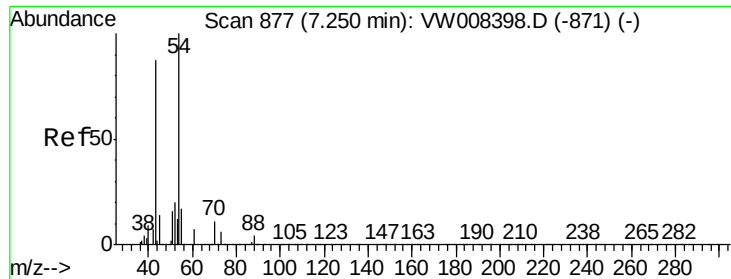


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 45.263 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

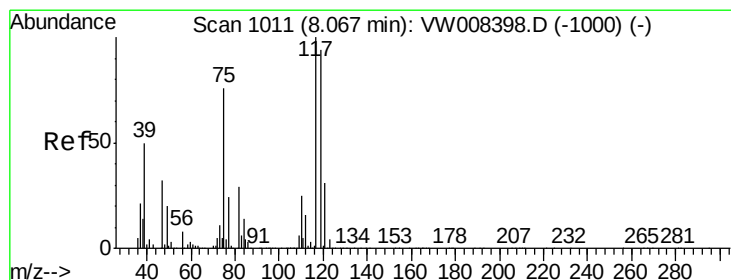
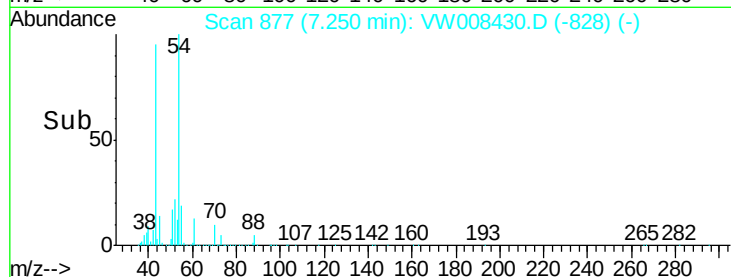
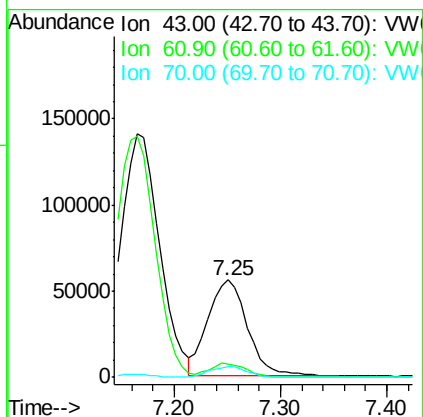
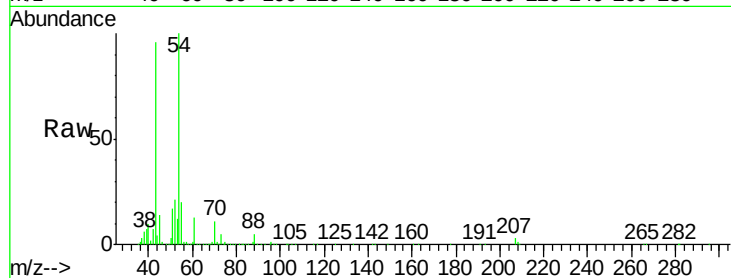
Tgt Ion: 43 Resp: 144190

Ion Ratio Lower Upper

43 100

61 13.5 10.1 15.1

70 10.7 7.8 11.6



#38

Carbon Tetrachloride

Concen: 51.664 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

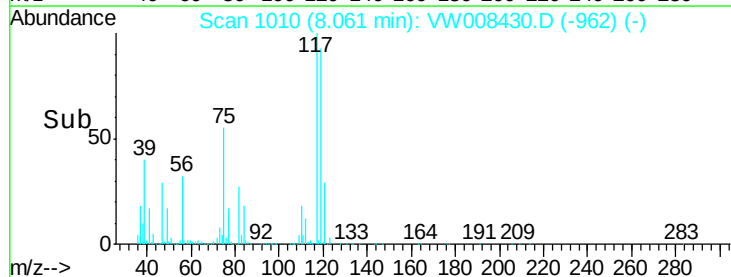
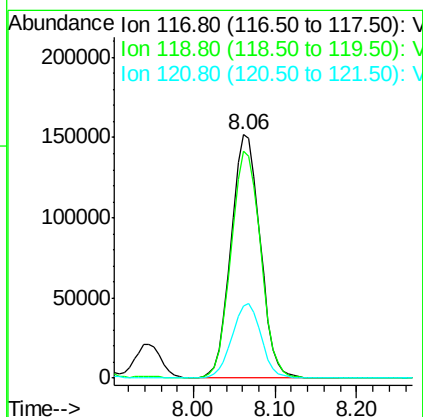
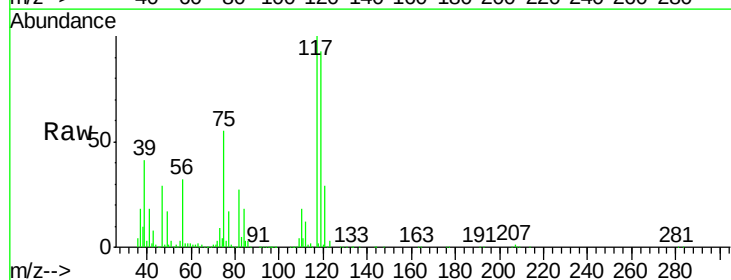
Tgt Ion: 117 Resp: 374330

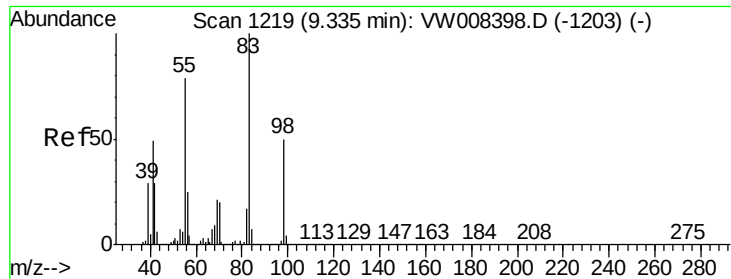
Ion Ratio Lower Upper

117 100

119 93.3 75.0 112.4

121 29.4 24.9 37.3

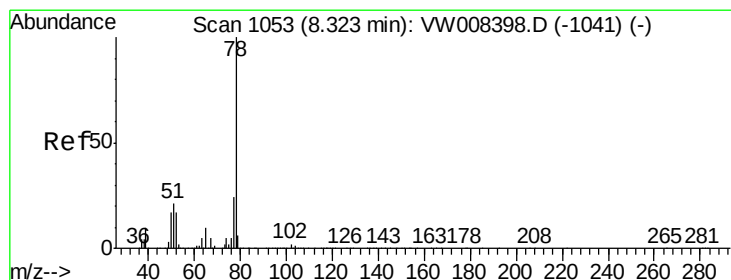
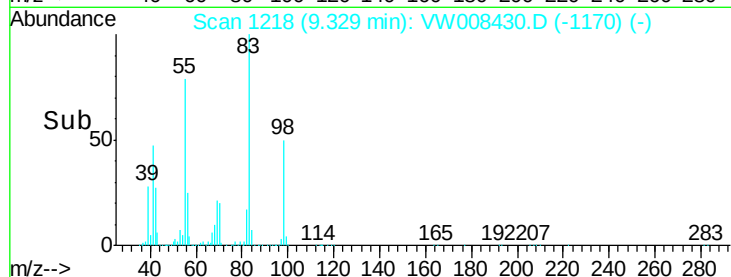
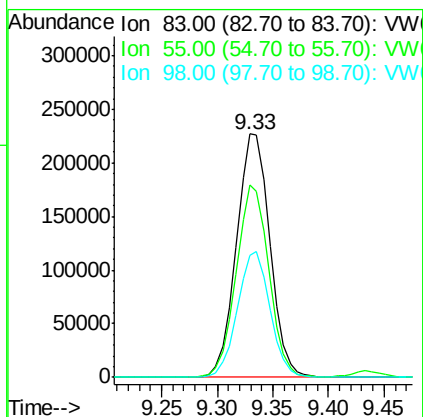
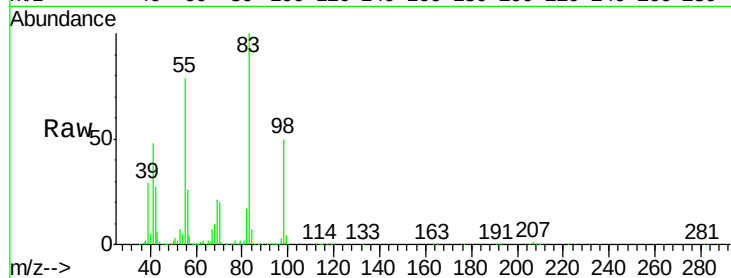




#39
Methylcyclohexane
Concen: 49.896 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

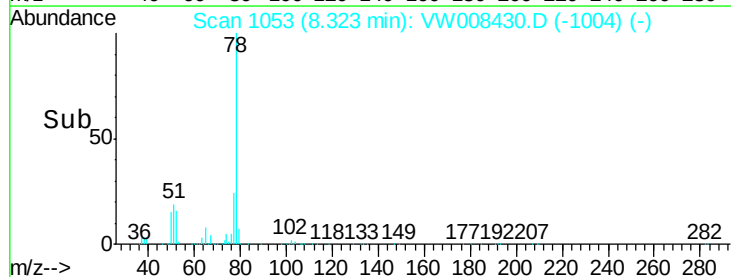
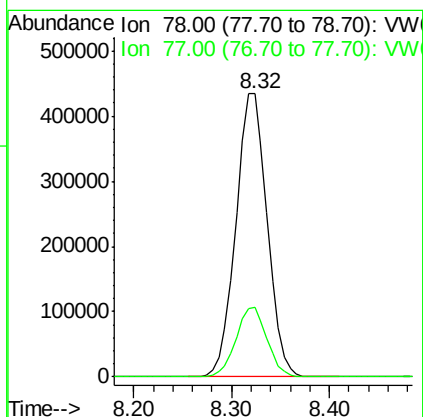
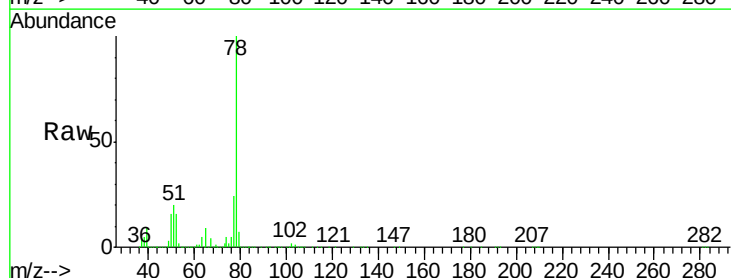
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

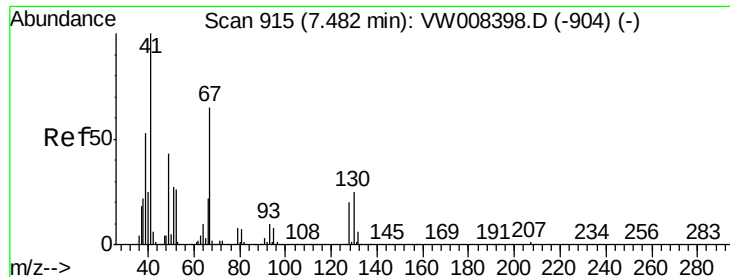
Tgt Ion: 83 Resp: 471955
Ion Ratio Lower Upper
83 100
55 79.0 63.3 94.9
98 50.1 39.7 59.5



#40
Benzene
Concen: 48.229 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 78 Resp: 963599
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

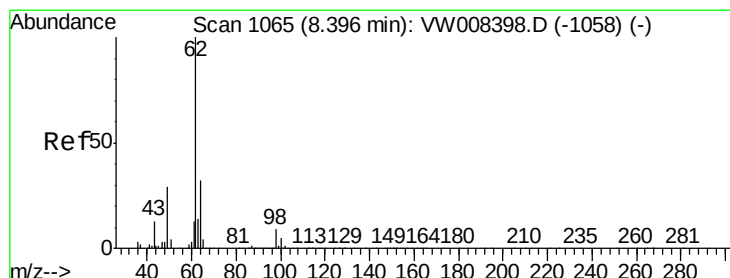
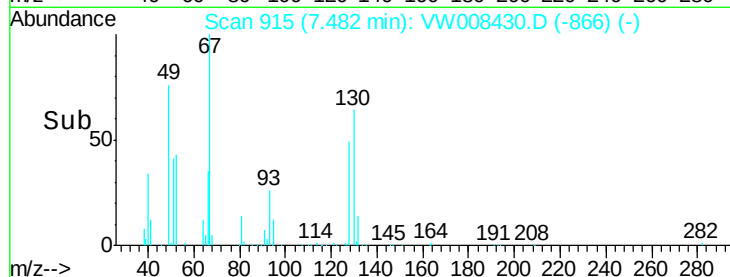
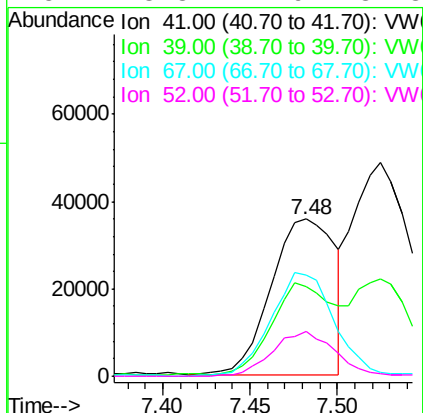
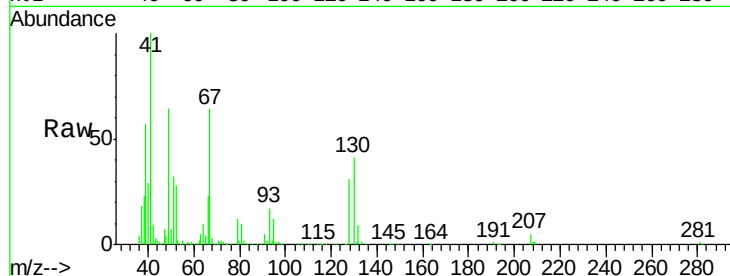




#41
Methacrylonitrile
Concen: 48.070 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

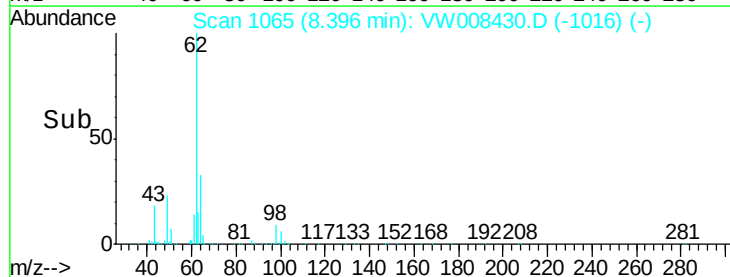
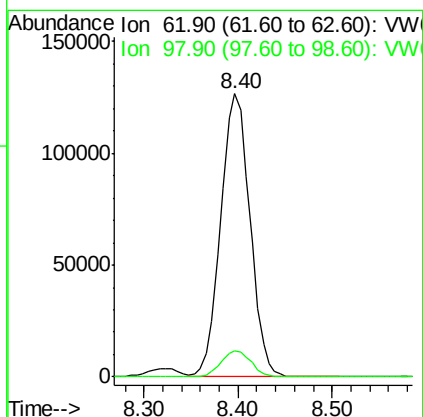
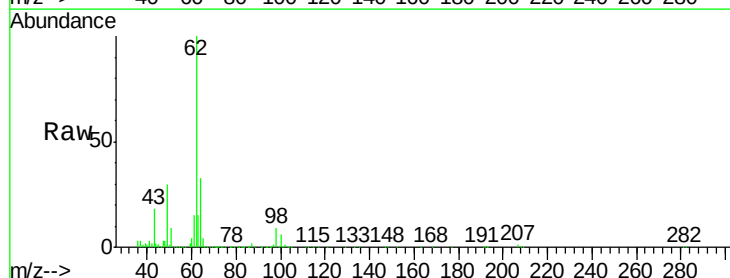
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

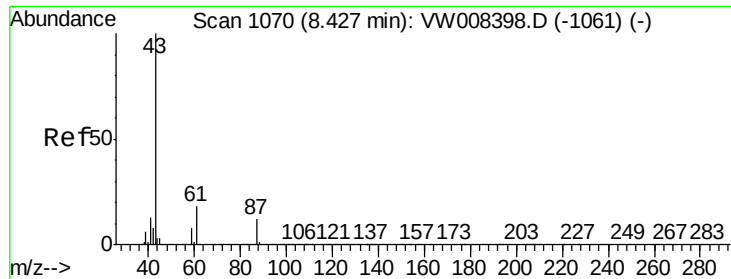
Tgt Ion:	41	Resp:	90672
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.4	65.0
67	66.0	54.2	81.2
52	28.8	22.9	34.3



#42
1,2-Dichloroethane
Concen: 47.295 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:	62	Resp:	273840
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

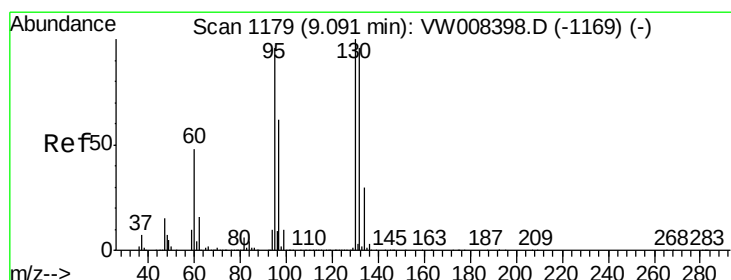
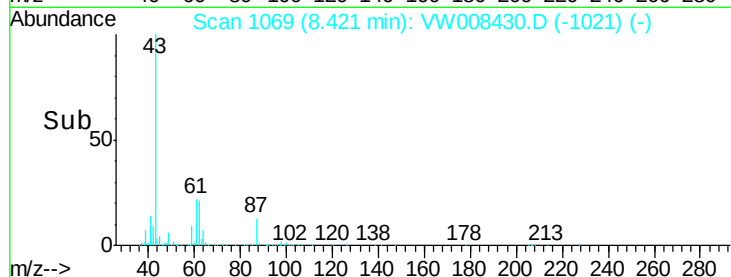
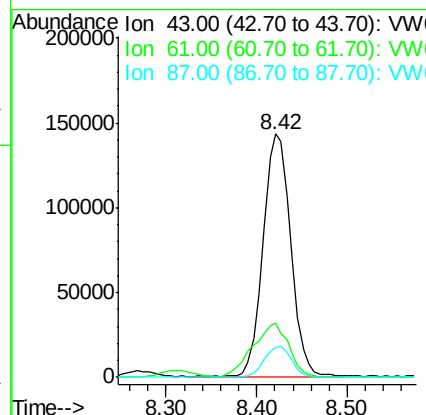
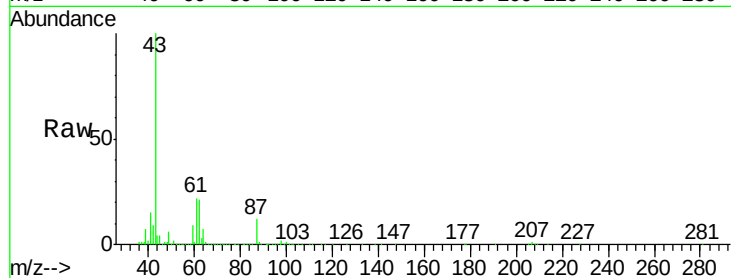




#43
Isopropyl Acetate
Concen: 45.496 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

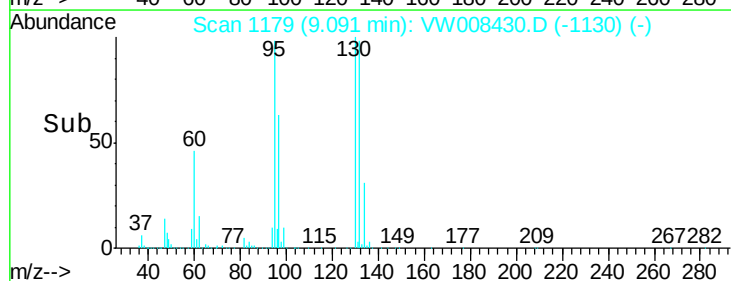
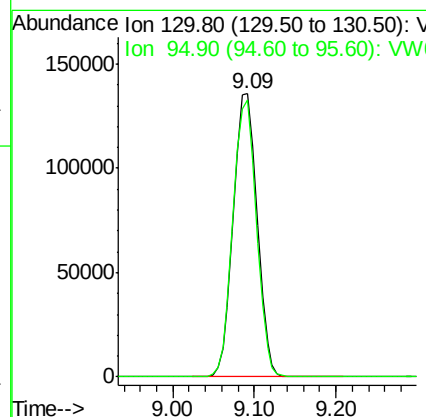
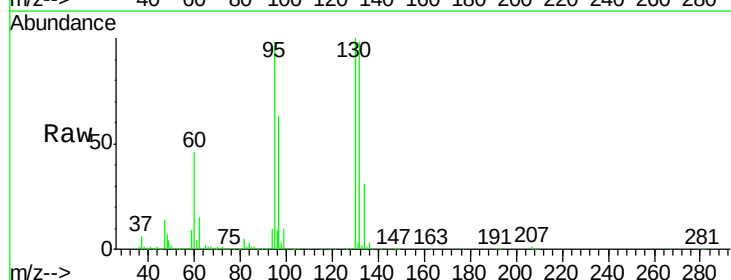
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

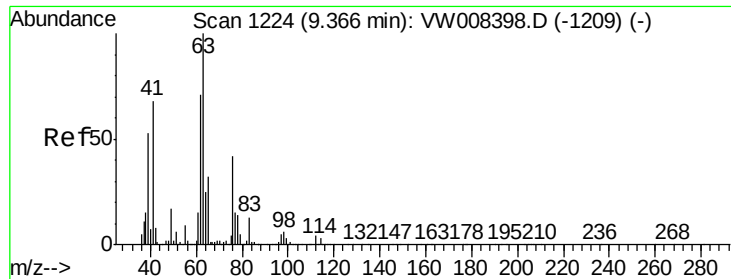
Tgt Ion: 43 Resp: 301098
Ion Ratio Lower Upper
43 100
61 29.2 22.0 33.0
87 12.9 9.3 13.9



#44
Trichloroethene
Concen: 50.235 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 130 Resp: 272934
Ion Ratio Lower Upper
130 100
95 97.8 0.0 191.6

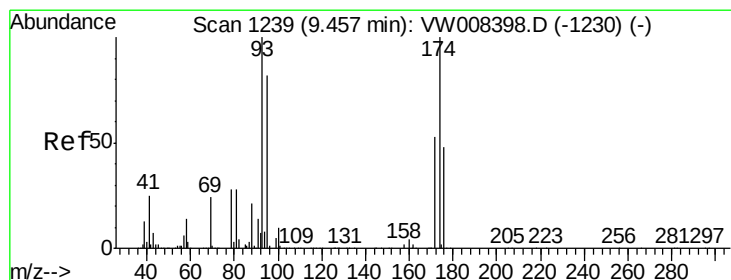
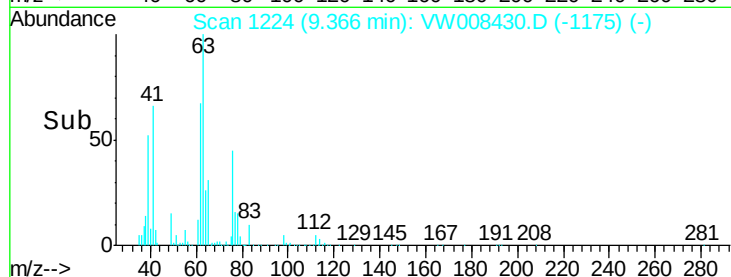
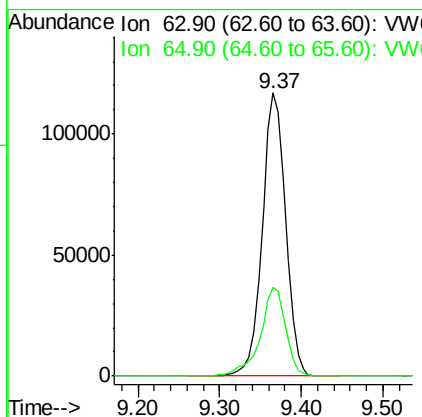
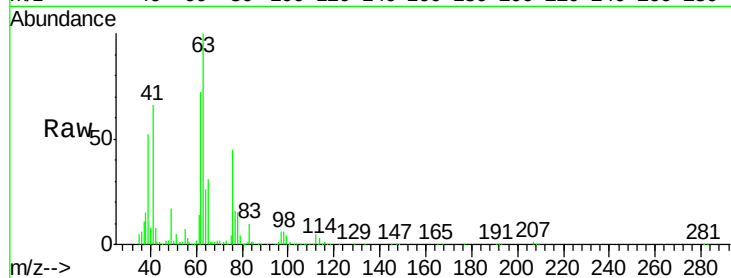




#45
 1,2-Dichloropropane
 Concen: 46.869 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

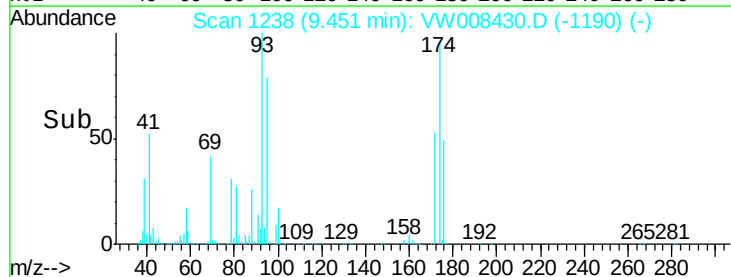
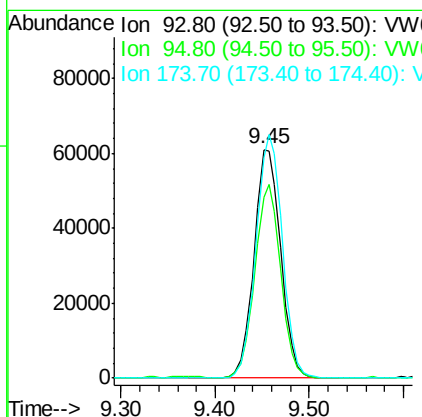
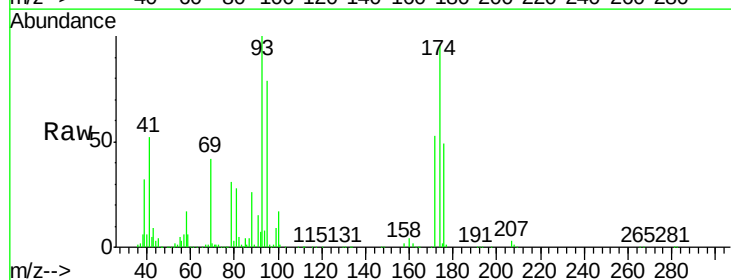
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

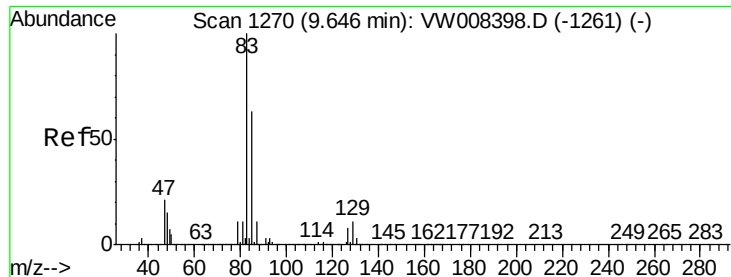
Tgt Ion: 63 Resp: 233488
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.2 37.8



#46
 Dibromomethane
 Concen: 47.597 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 93 Resp: 121956
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 104.8 81.0 121.6





#47

Bromodichloromethane

Concen: 48.185 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

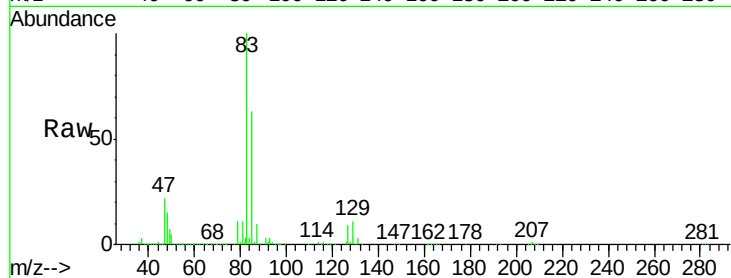
Tgt Ion: 83 Resp: 326566

Ion Ratio Lower Upper

83 100

85 62.5 50.8 76.2

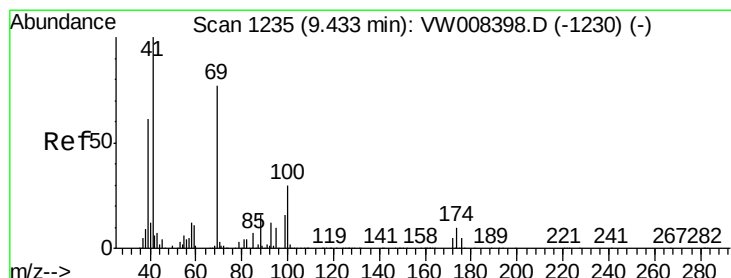
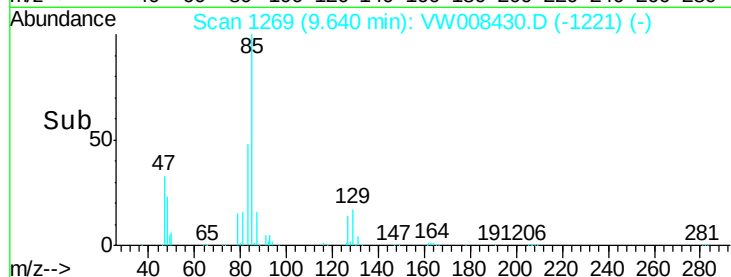
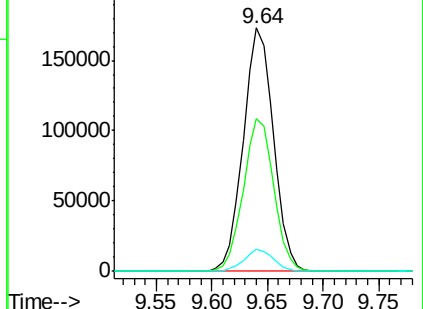
127 8.9 6.8 10.2



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: 43.905 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

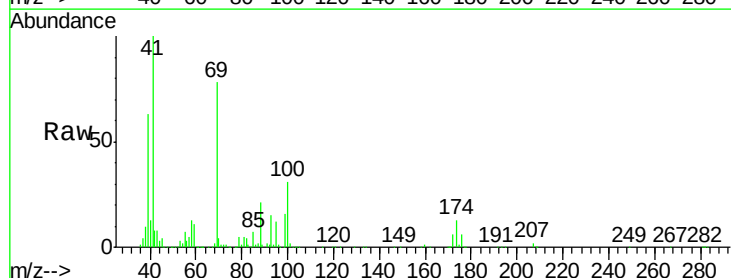
Tgt Ion: 41 Resp: 142077

Ion Ratio Lower Upper

41 100

69 83.8 64.8 97.2

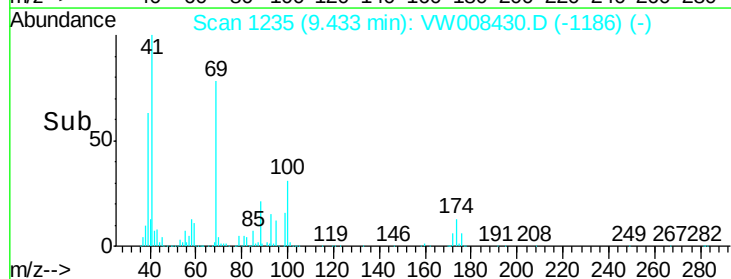
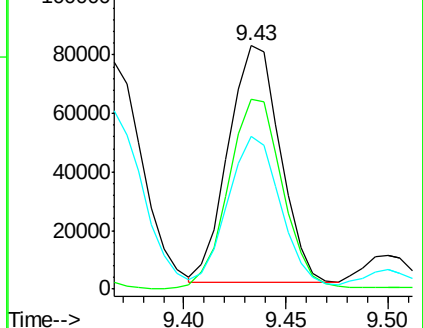
39 62.2 49.1 73.7

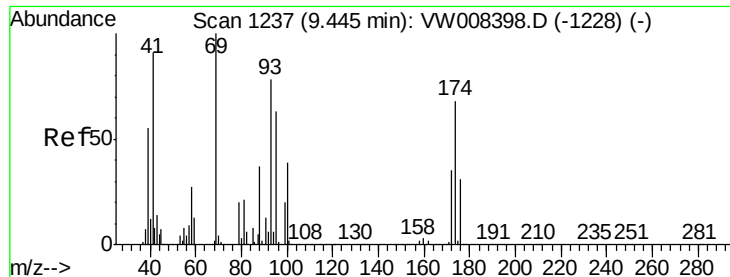


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

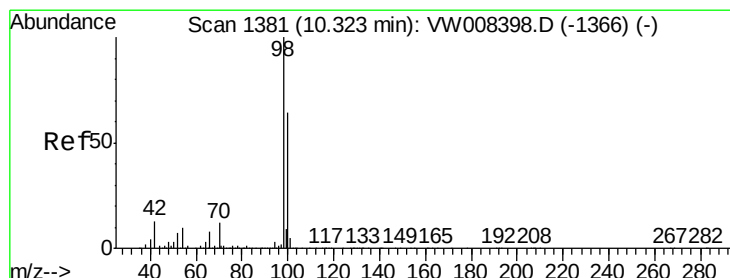
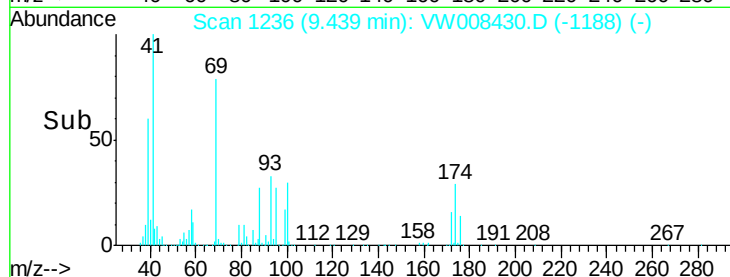
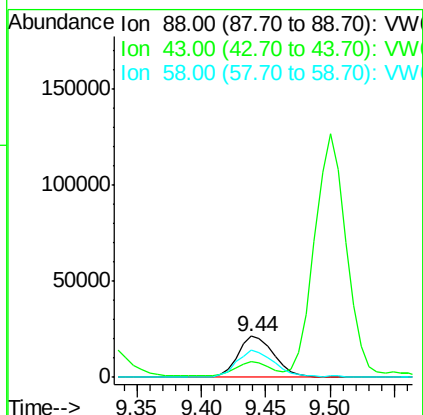
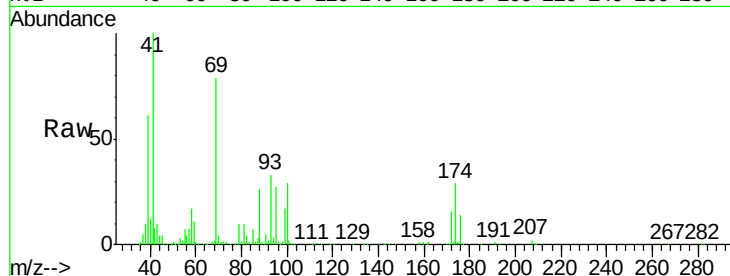




#49
1,4-Dioxane
Concen: 970.784 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

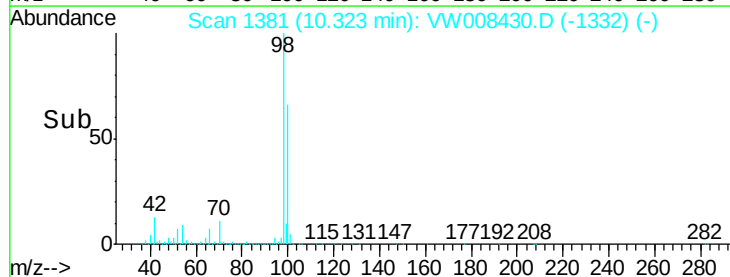
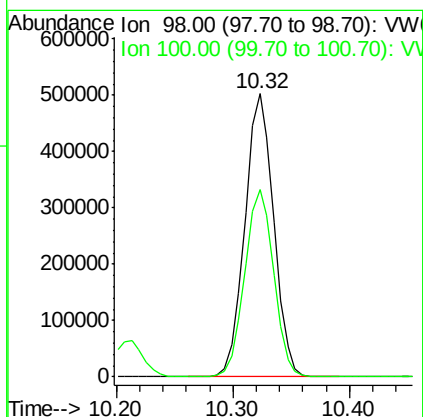
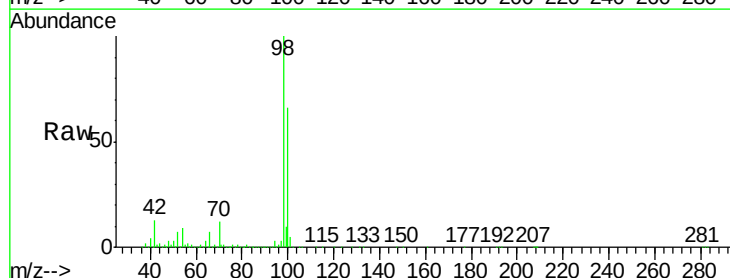
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

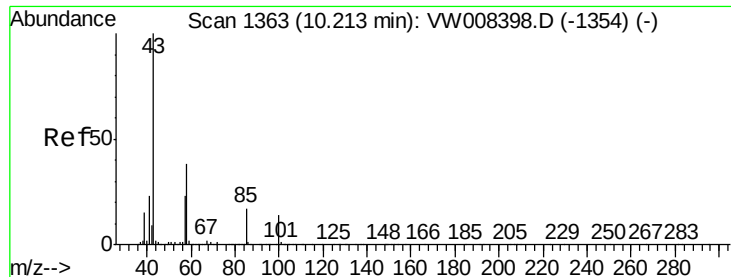
Tgt Ion: 88 Resp: 42045
Ion Ratio Lower Upper
88 100
43 34.7 29.0 43.4
58 70.5 56.4 84.6



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 98 Resp: 867757
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

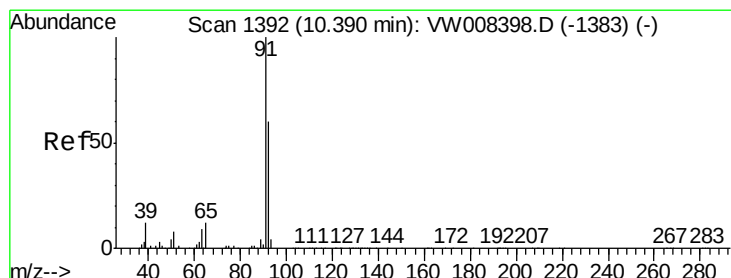
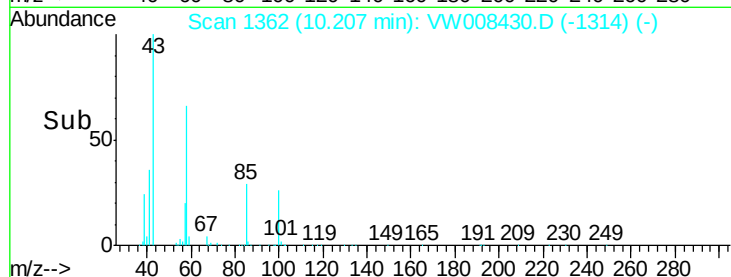
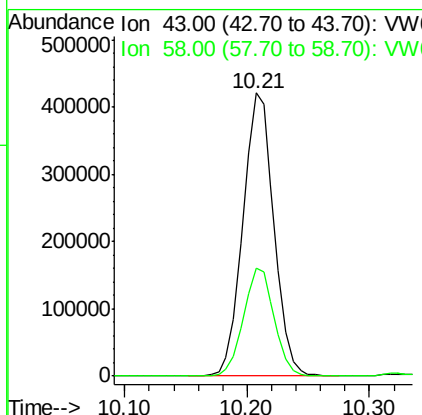
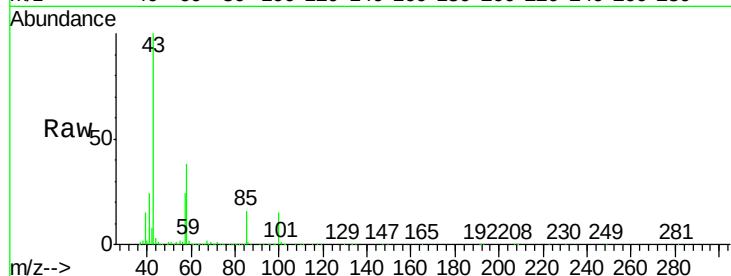




#51
 4-Methyl-2-Pentanone
 Concen: 224.440 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

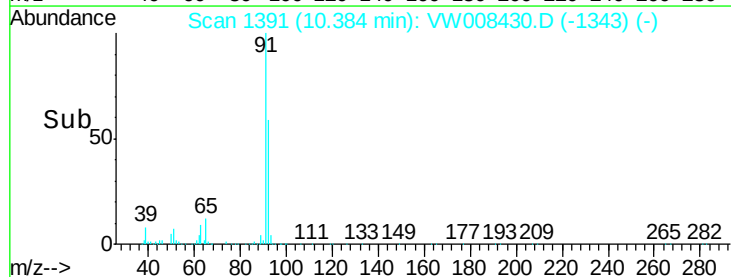
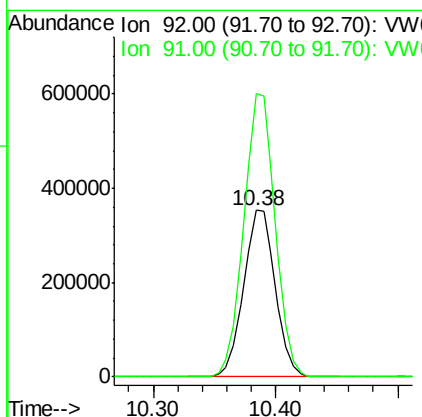
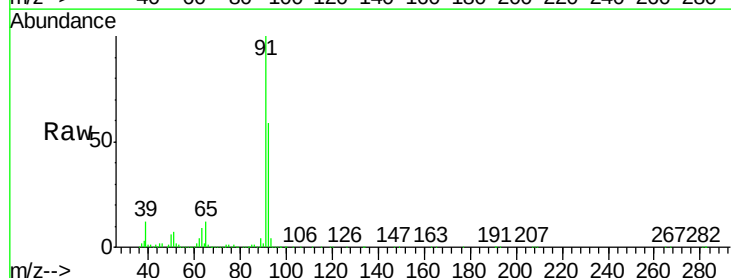
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

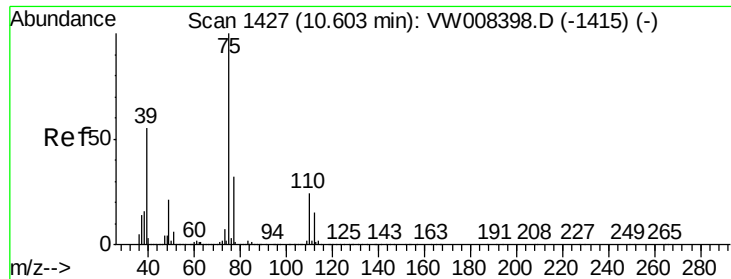
Tgt Ion: 43 Resp: 733822
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.7 44.5



#52
 Toluene
 Concen: 47.771 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 92 Resp: 630048
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 47.466 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

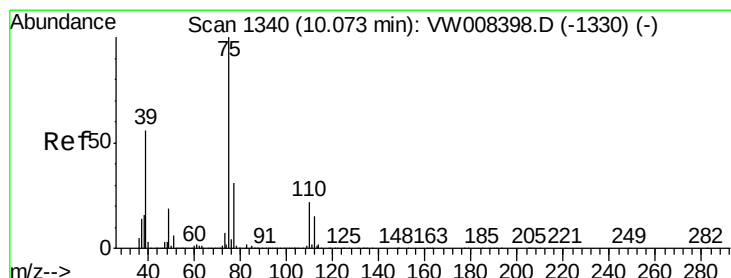
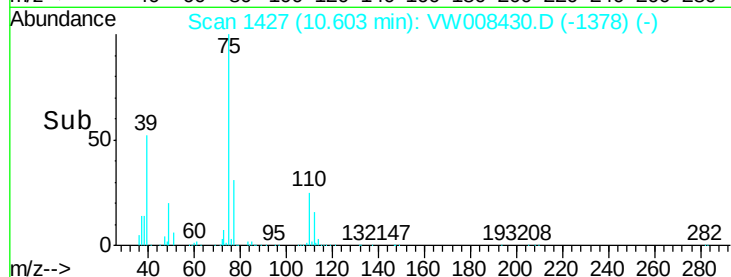
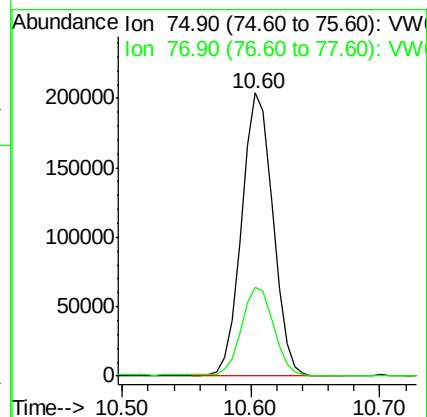
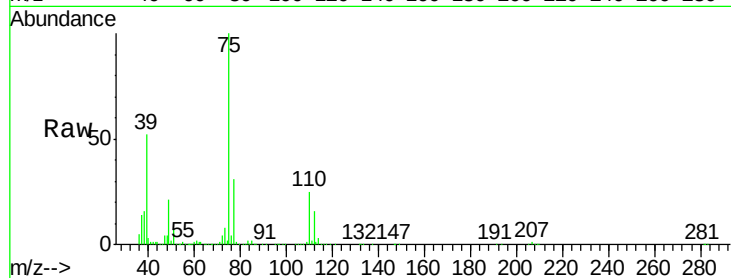
VSTDCCC050

Tgt Ion: 75 Resp: 342302

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 47.417 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

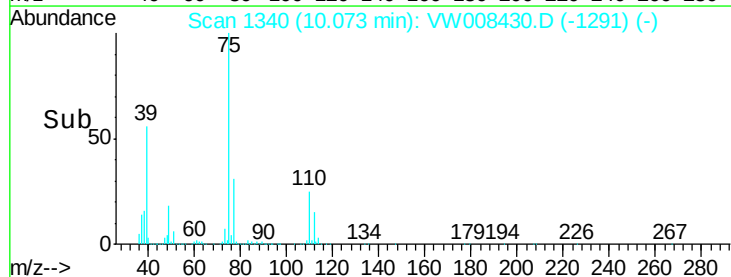
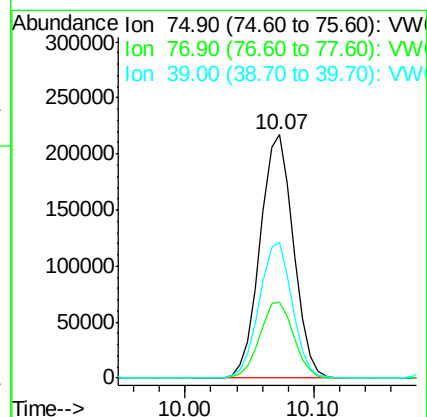
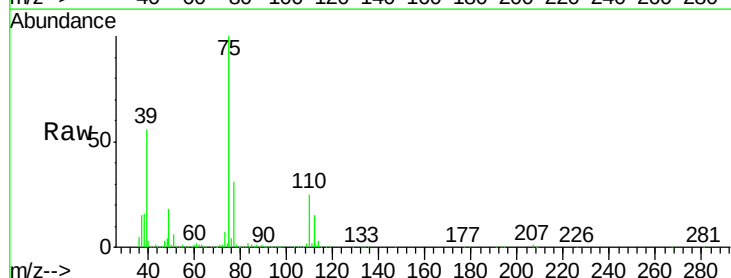
Tgt Ion: 75 Resp: 388061

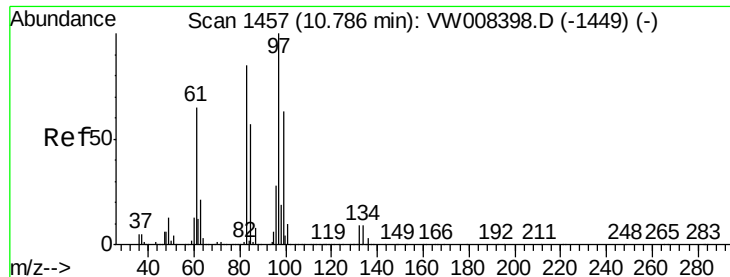
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 55.7 44.9 67.3

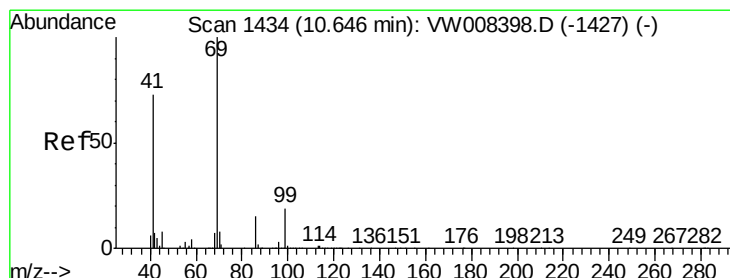
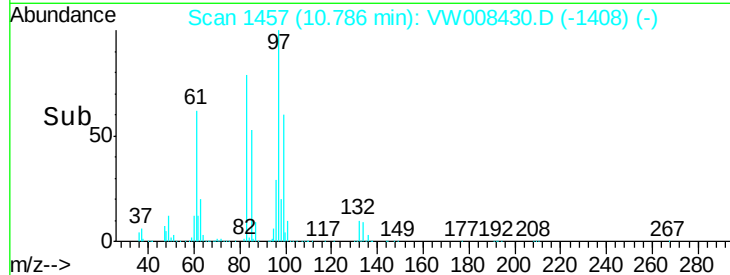
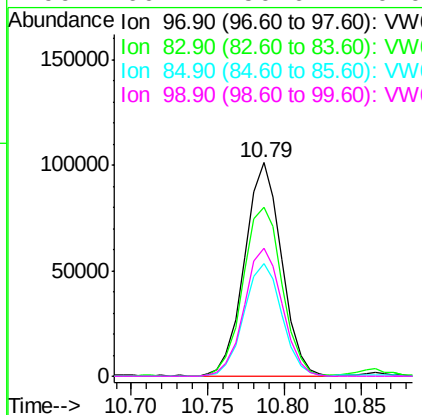
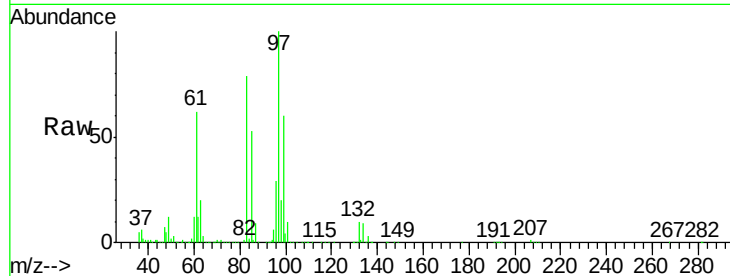




#55
 1,1,2-Trichloroethane
 Concen: 47.808 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

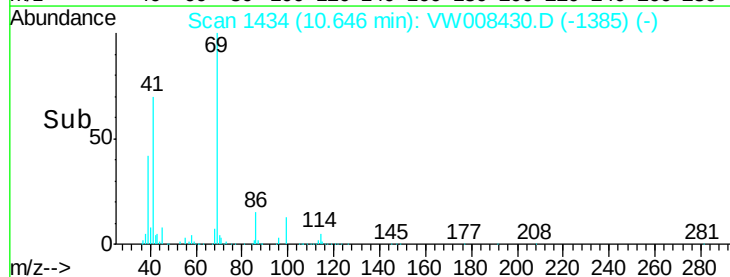
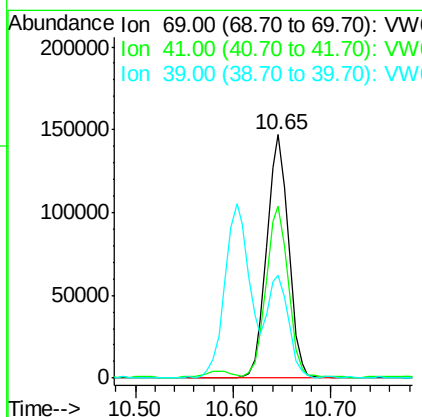
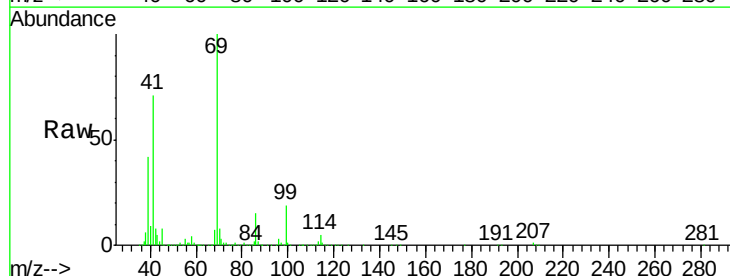
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

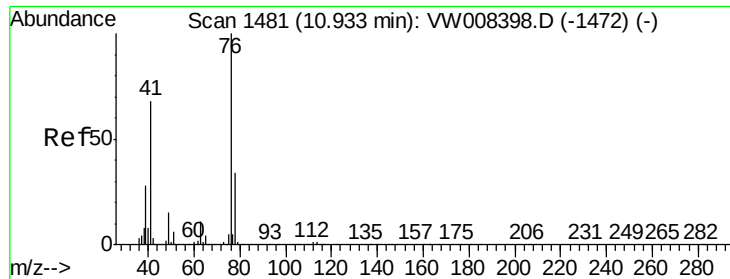
Tgt Ion:	97	Resp:	169911
Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.4	102.6
85	52.8	45.3	67.9
99	60.2	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 45.582 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion:	69	Resp:	226996
Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.7	88.1
39	39.8	32.6	48.8

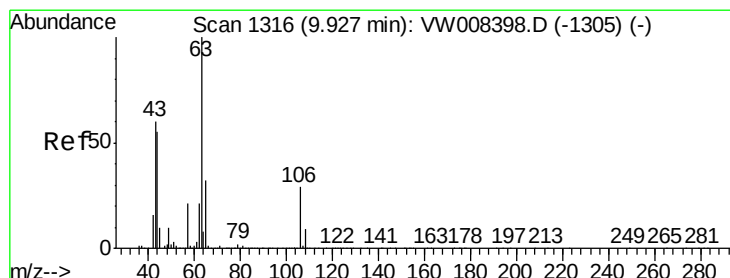
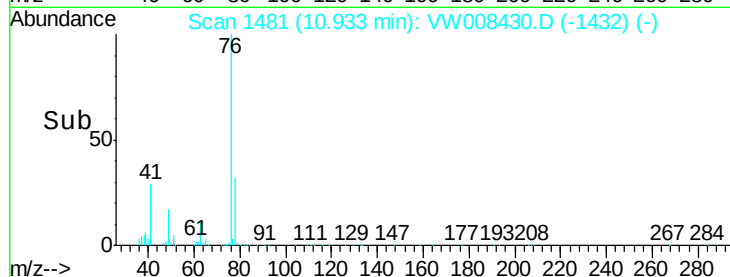
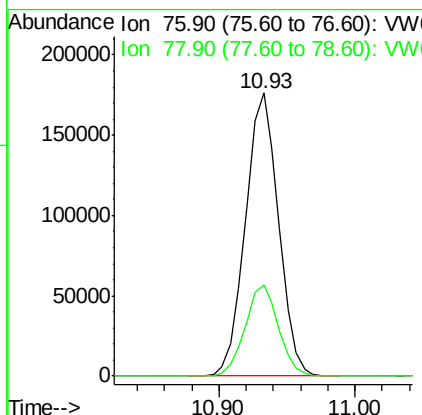
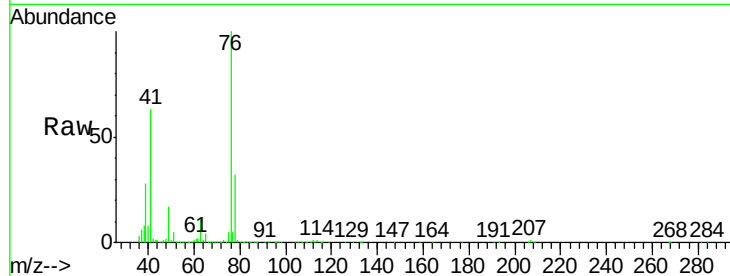




#57
 1,3-Dichloropropane
 Concen: 47.139 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

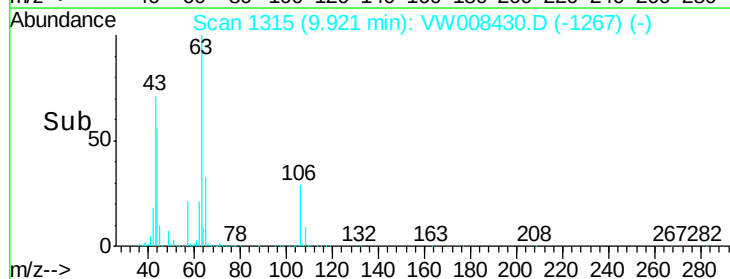
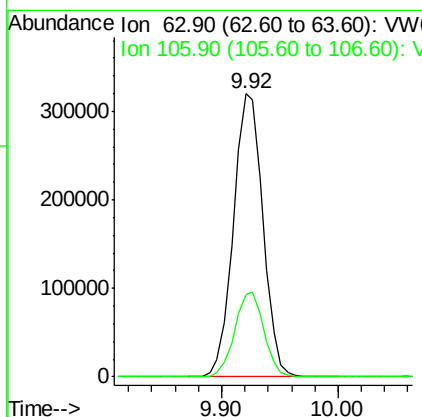
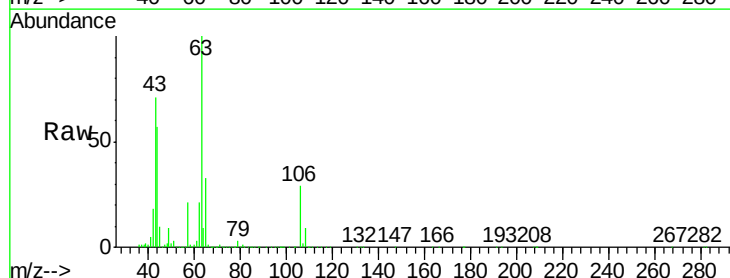
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

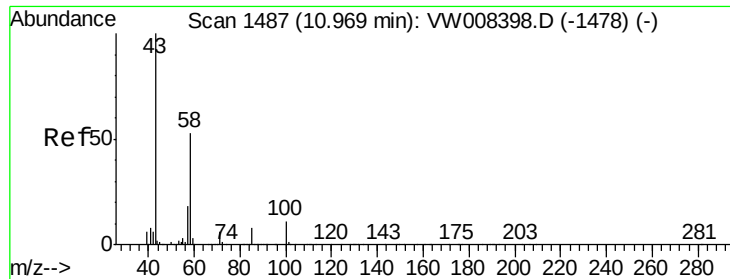
Tgt Ion: 76 Resp: 300140
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.461 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion: 63 Resp: 562466
 Ion Ratio Lower Upper
 63 100
 106 29.8 22.4 33.6

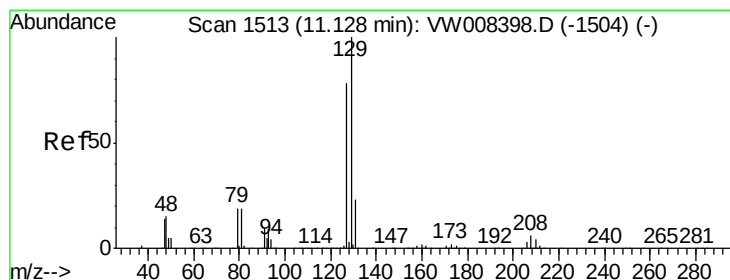
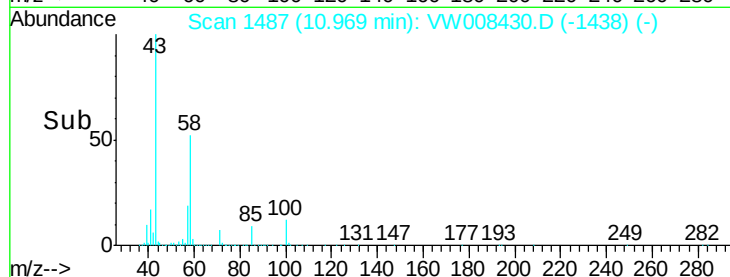
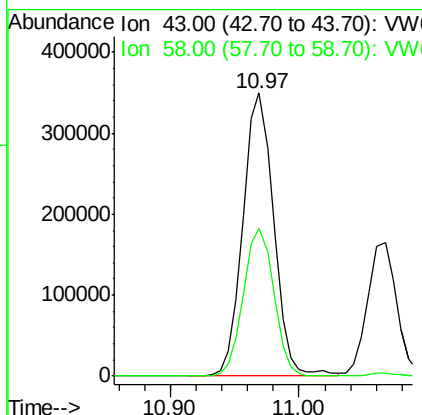
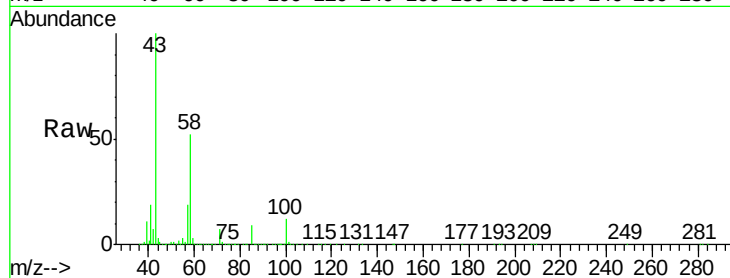




#59
2-Hexanone
Concen: 248.493 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

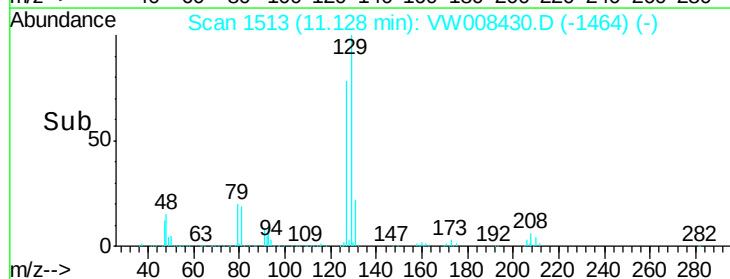
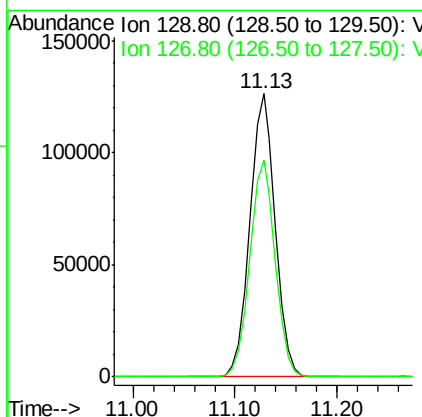
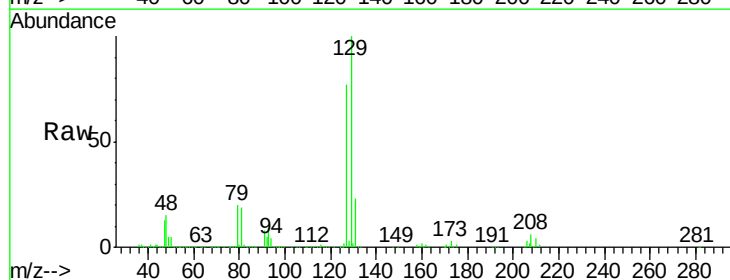
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

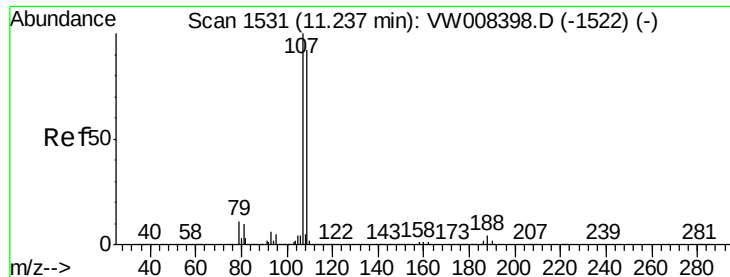
Tgt Ion: 43 Resp: 573568
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 47.848 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 129 Resp: 218533
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.273 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

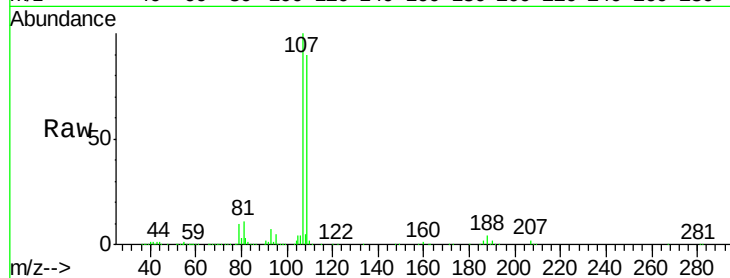
VSTDCCC050

Tgt Ion: 107 Resp: 166589

Ion Ratio Lower Upper

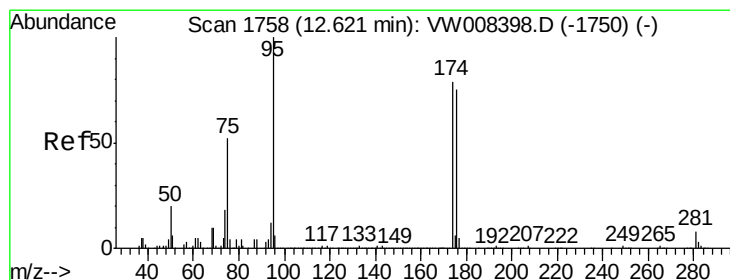
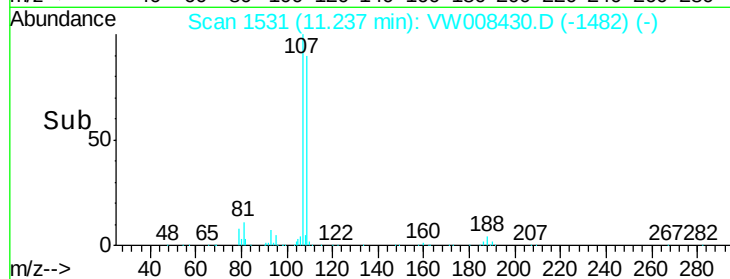
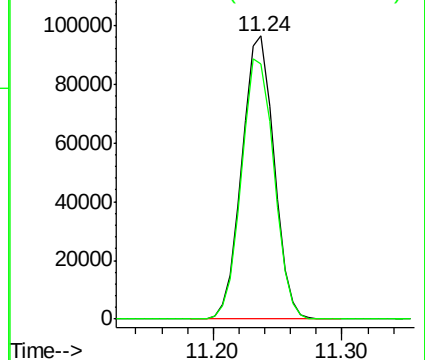
107 100

109 93.5 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.309 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

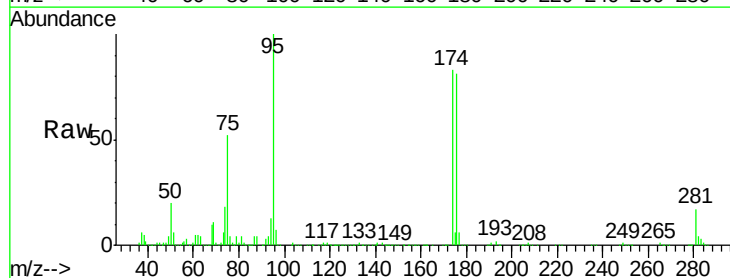
Tgt Ion: 95 Resp: 318149

Ion Ratio Lower Upper

95 100

174 80.5 0.0 157.6

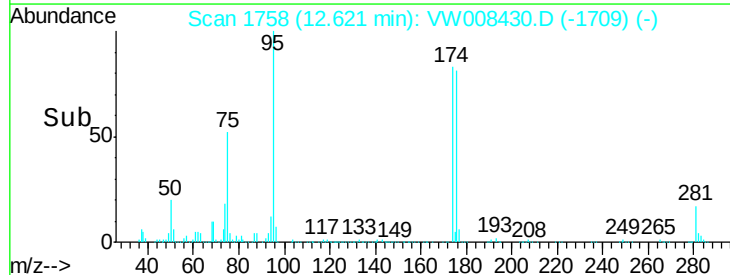
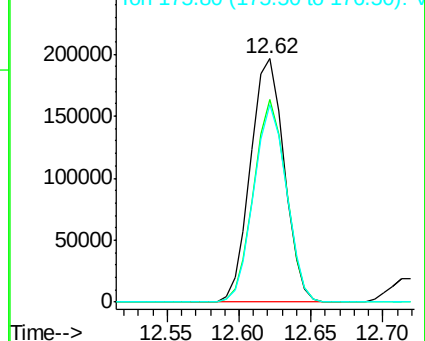
176 79.0 0.0 151.8

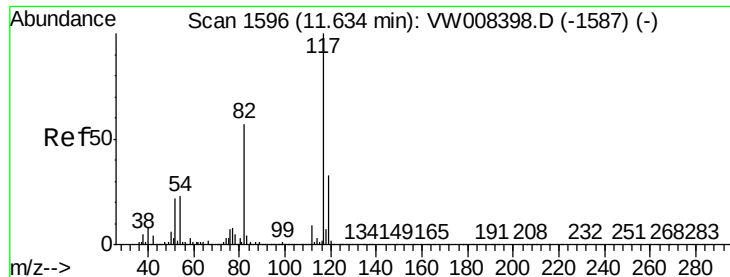


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

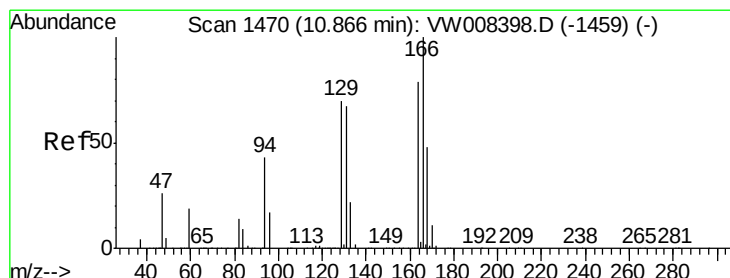
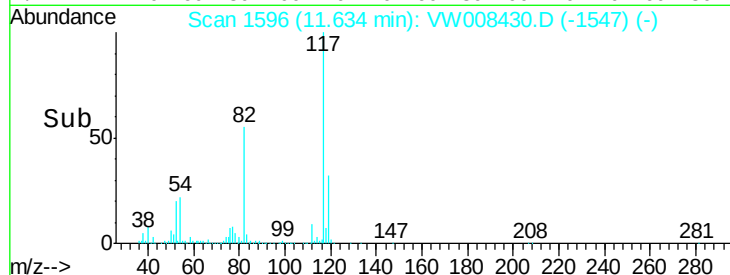
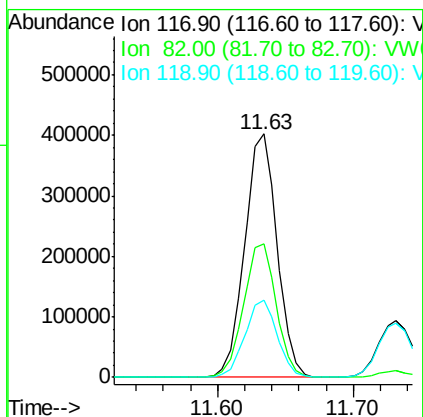
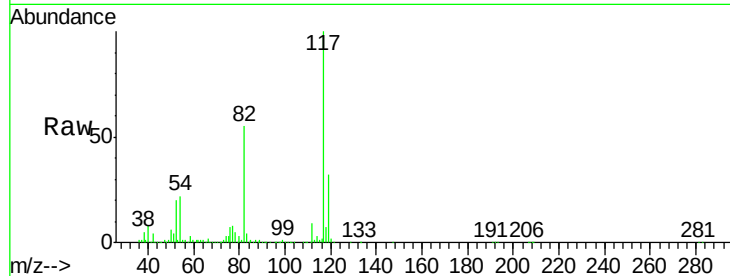




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

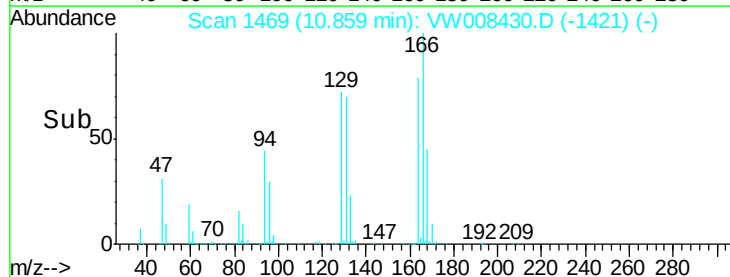
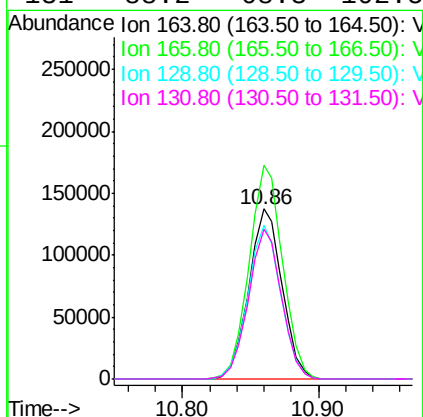
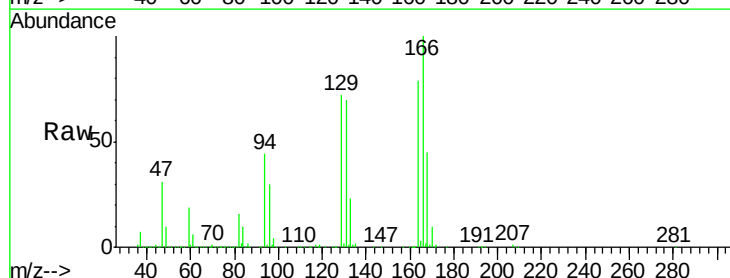
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

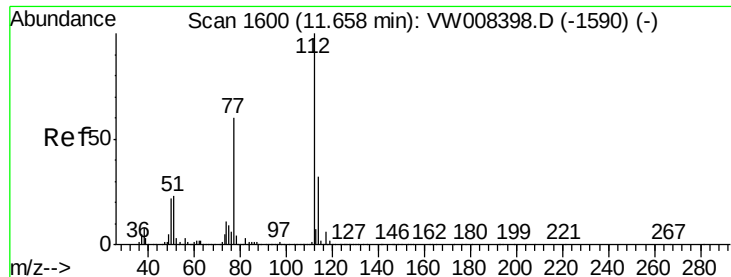
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.4	68.0
119	31.9	26.2	39.4



#64
Tetrachloroethene
Concen: 51.814 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.4	152.0
129	90.3	71.0	106.6
131	88.2	68.3	102.5

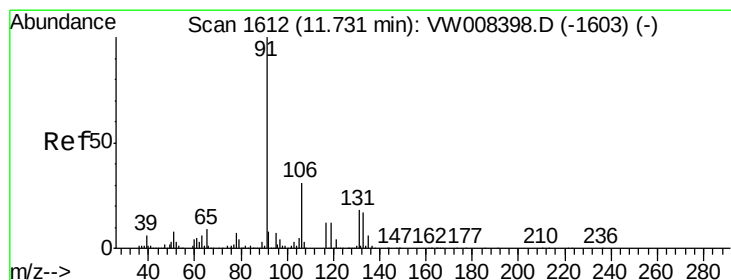
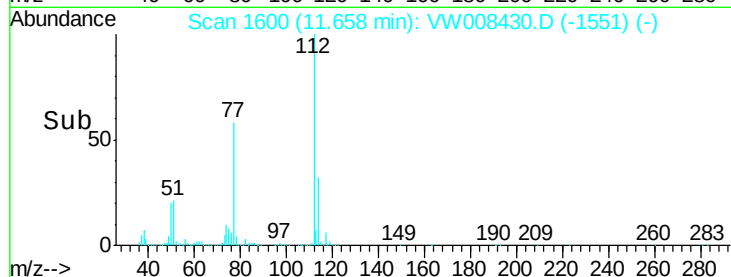
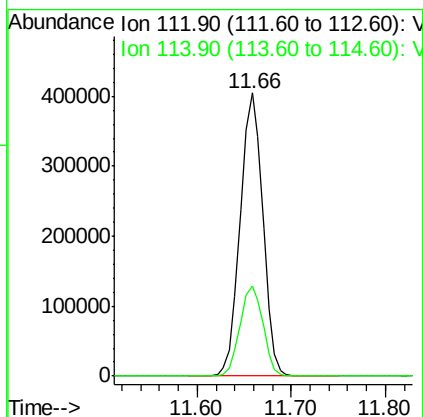
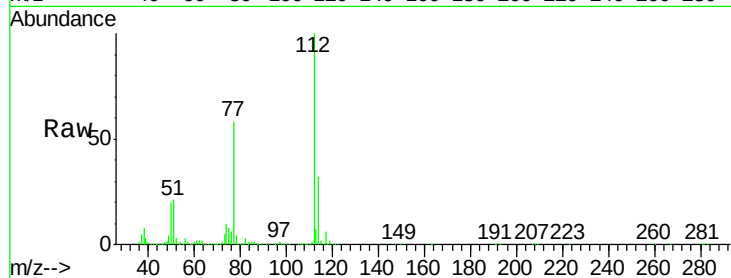




#65
Chlorobenzene
Concen: 49.664 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

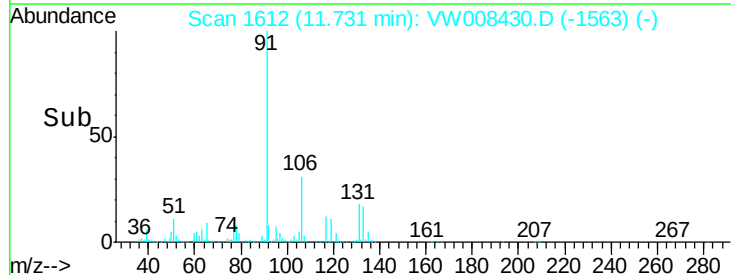
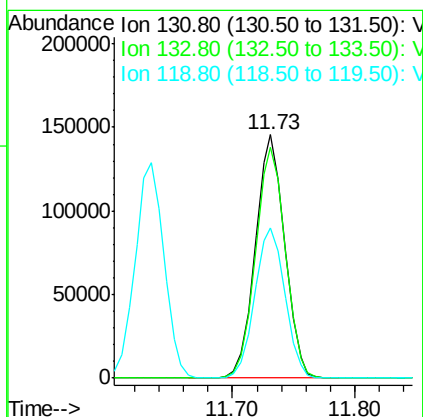
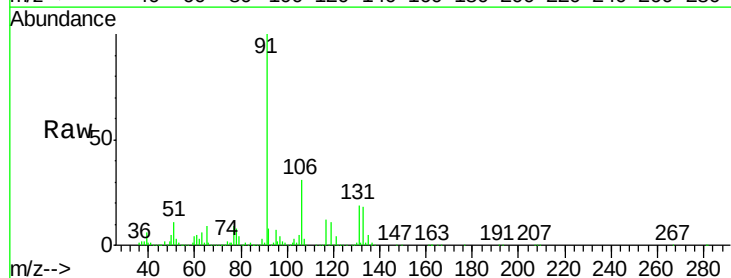
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

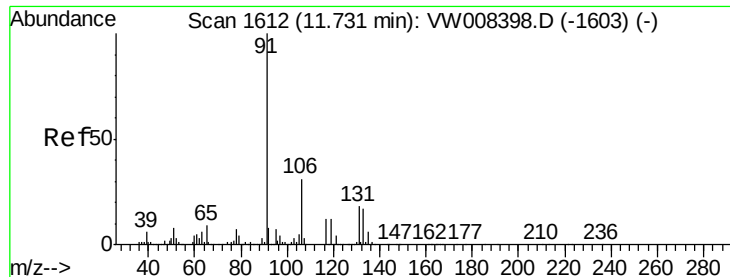
Tgt Ion:112 Resp: 678634
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.681 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:131 Resp: 242888
Ion Ratio Lower Upper
131 100
133 96.7 47.0 141.2
119 63.6 32.1 96.3

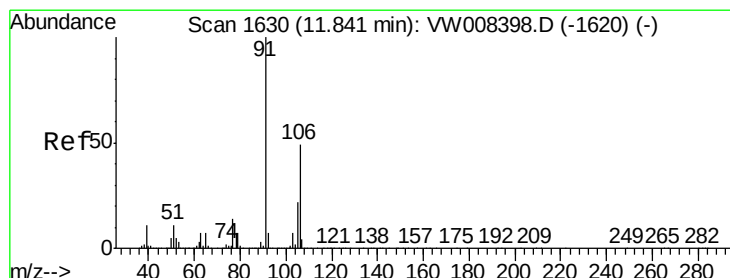
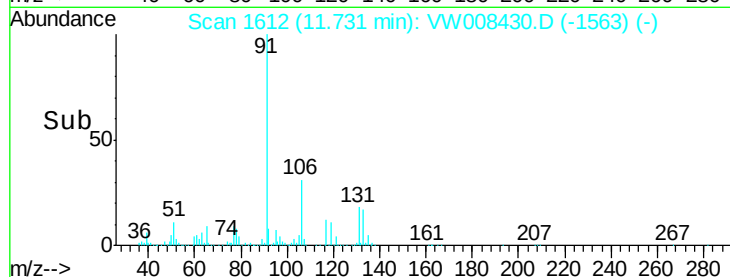
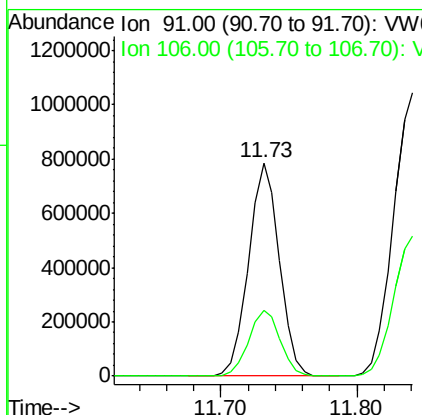
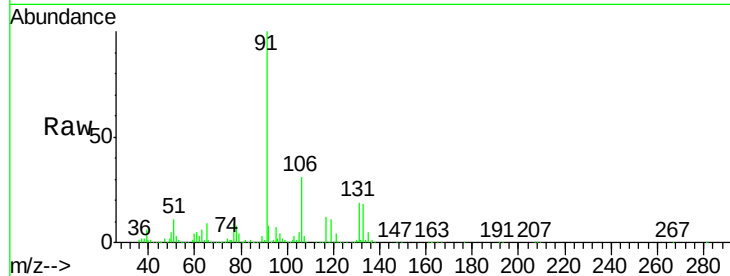




#67
Ethyl Benzene
Concen: 49.363 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

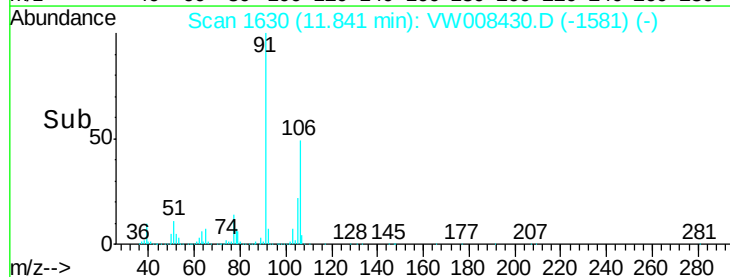
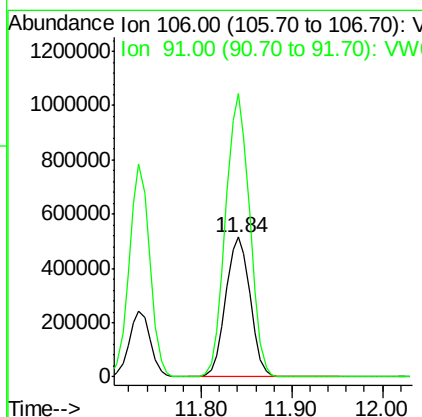
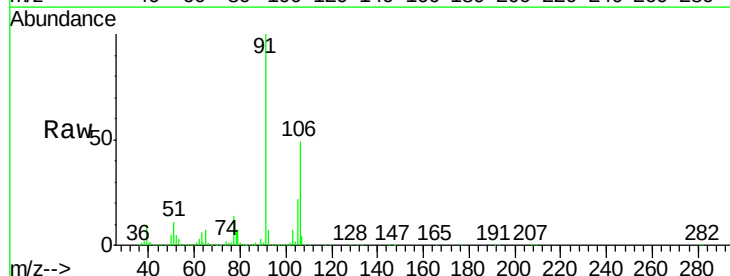
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

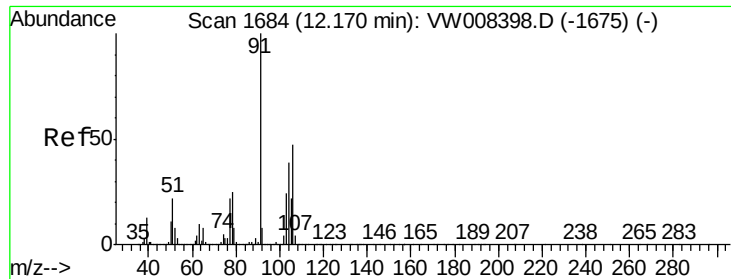
Tgt Ion: 91 Resp: 1239872
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 98.703 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 106 Resp: 961911
Ion Ratio Lower Upper
106 100
91 199.7 162.9 244.3

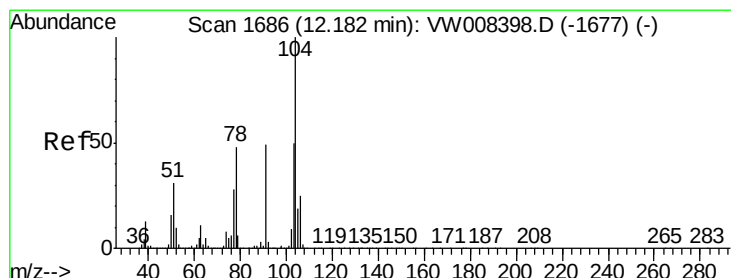
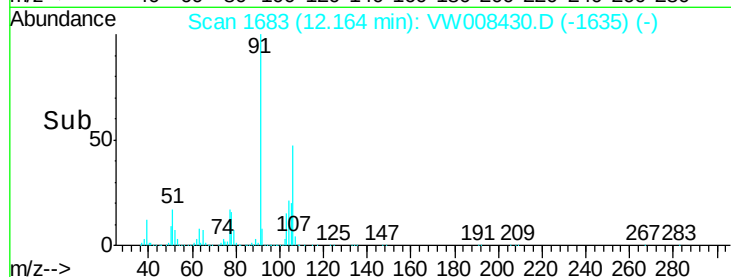
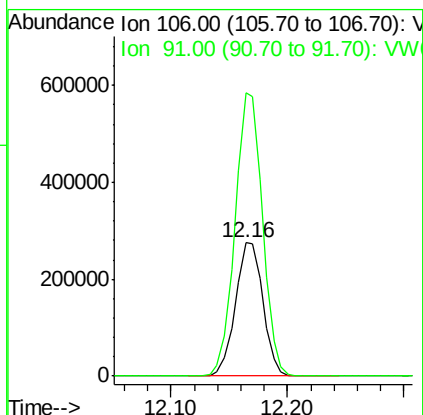
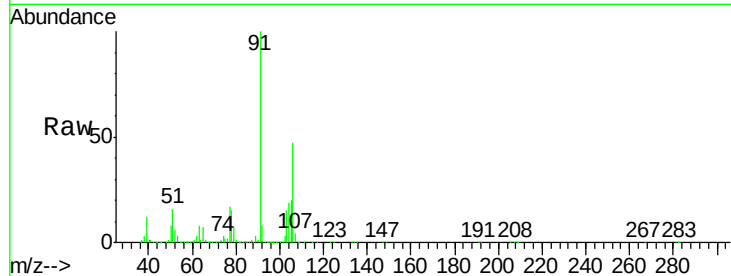




#69
o-Xylene
Concen: 48.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

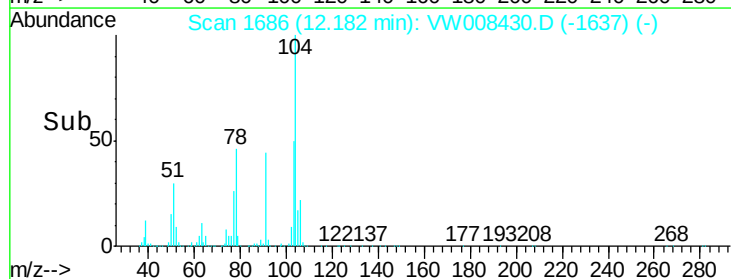
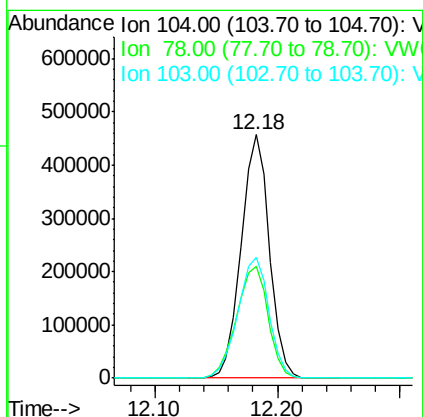
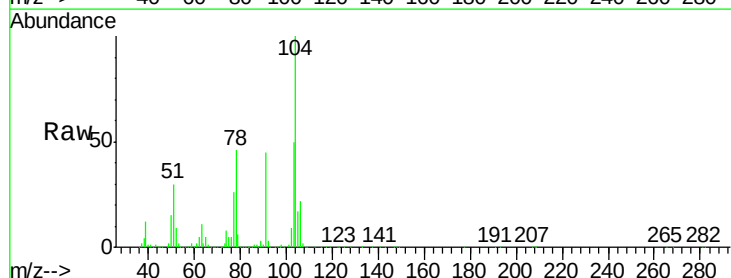
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

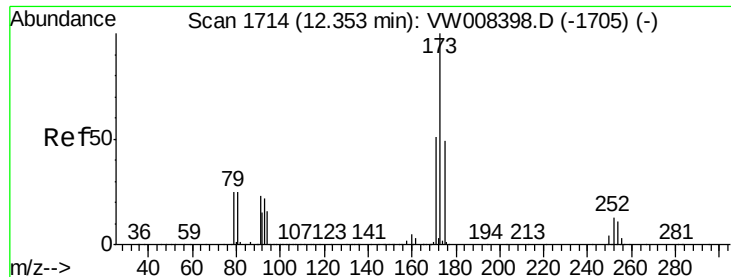
Tgt Ion:106 Resp: 453454
Ion Ratio Lower Upper
106 100
91 211.4 107.5 322.4



#70
Styrene
Concen: 47.694 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:104 Resp: 729490
Ion Ratio Lower Upper
104 100
78 51.8 42.4 63.6
103 54.8 43.4 65.0

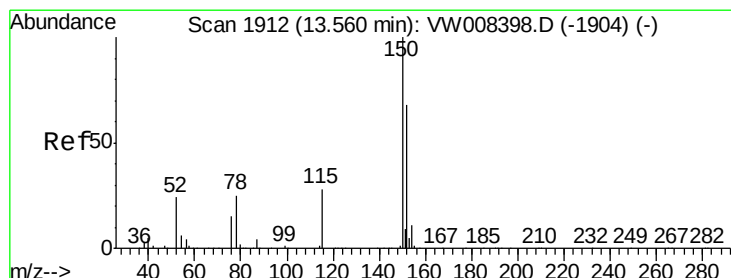
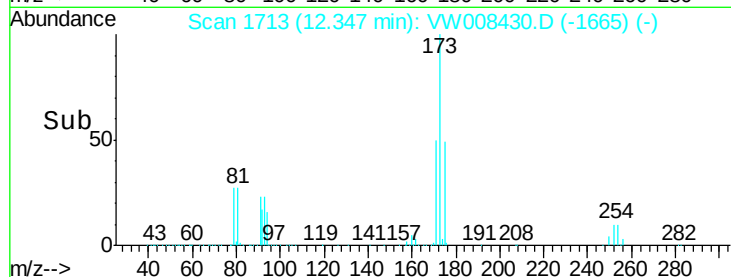
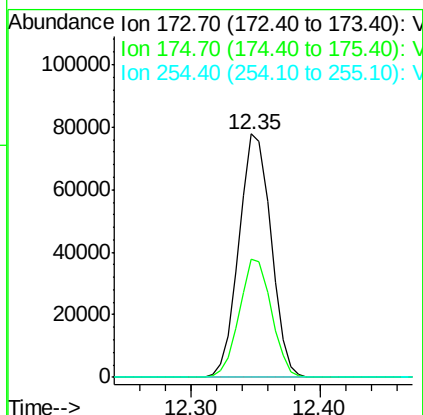
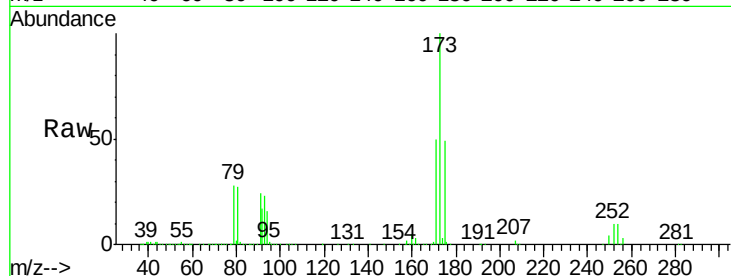




#71
Bromoform
Concen: 48.881 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

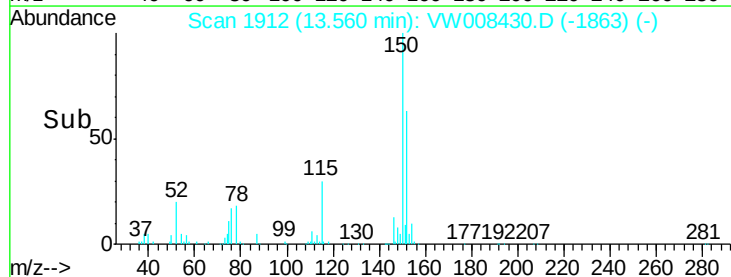
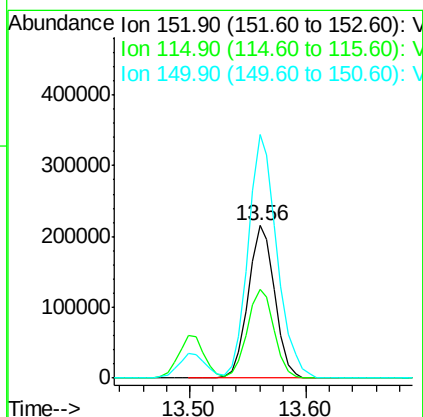
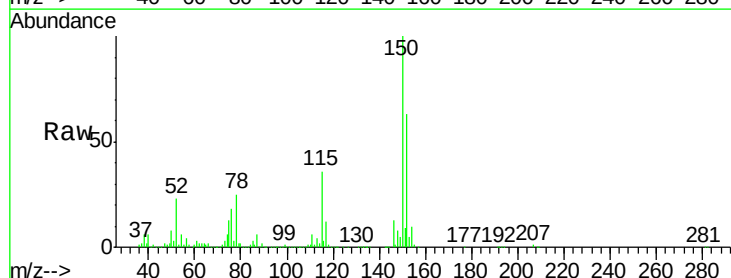
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

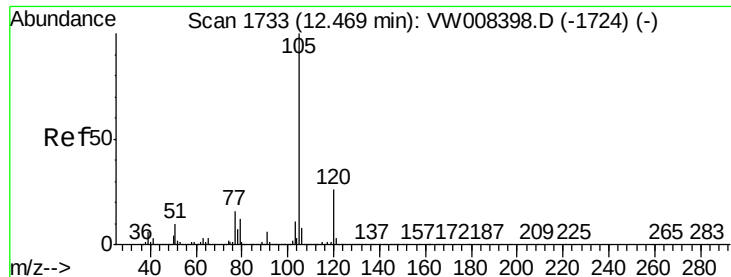
Tgt Ion:173 Resp: 134458
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:152 Resp: 341638
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 172.4 0.0 351.4

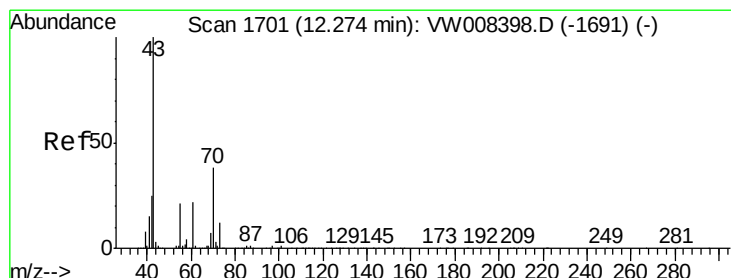
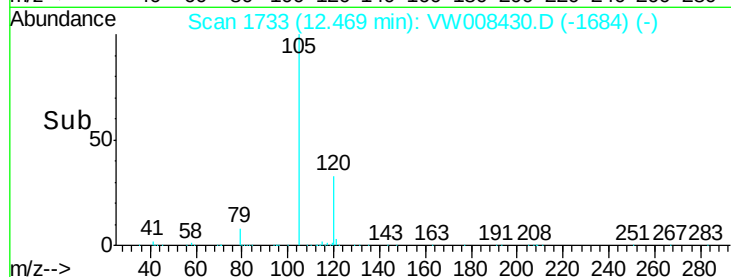
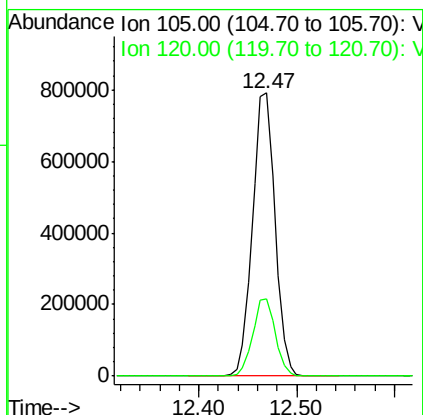
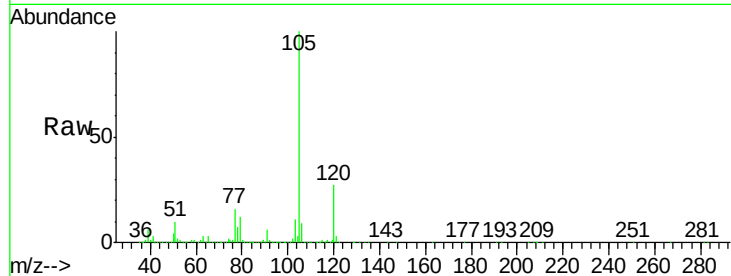




#73
Isopropylbenzene
Concen: 49.750 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

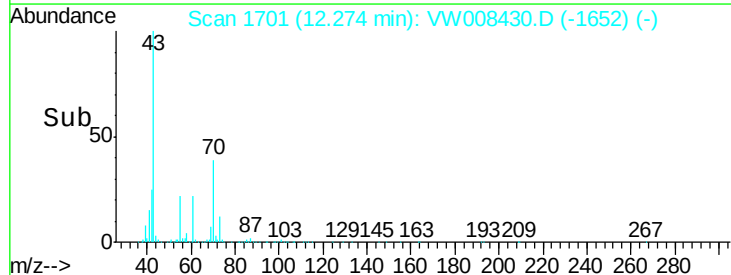
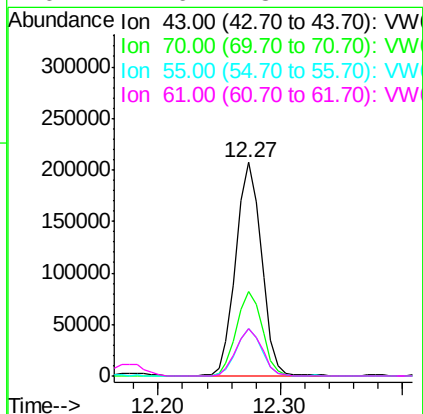
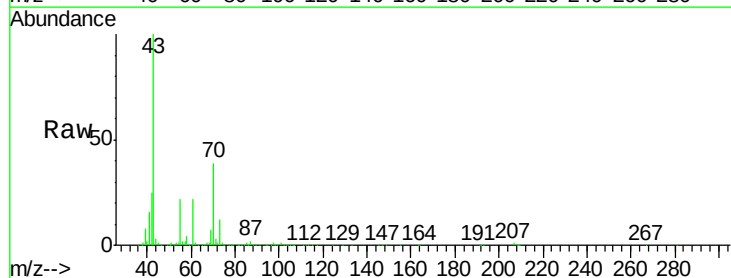
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

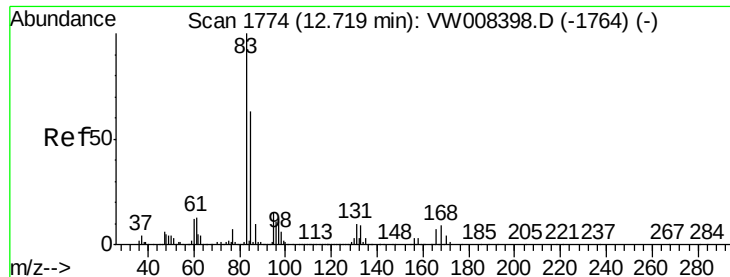
Tgt Ion: 105 Resp: 1267133
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.8



#74
N-ethyl acetate
Concen: 45.709 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 43 Resp: 299915
Ion Ratio Lower Upper
43 100
70 39.7 31.0 46.6
55 21.5 17.4 26.2
61 22.6 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.819 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

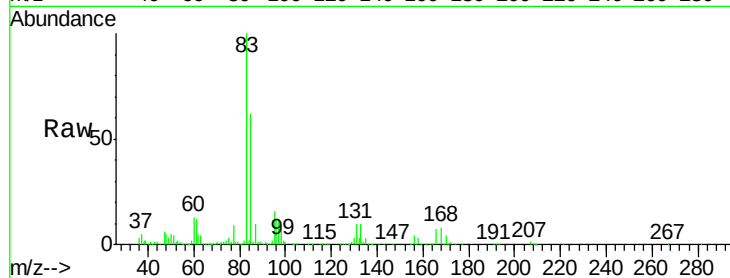
Tgt Ion: 83 Resp: 192825

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

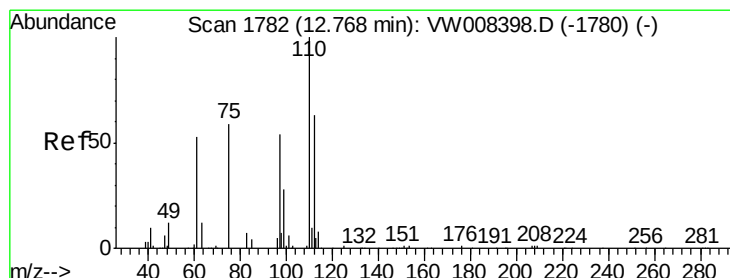
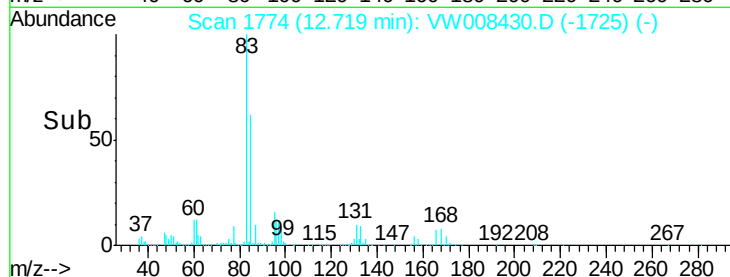
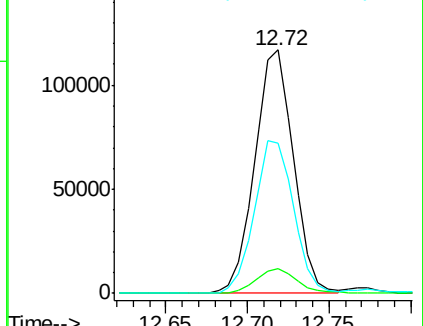
85 64.0 31.9 95.5



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: 92.147 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008430.D

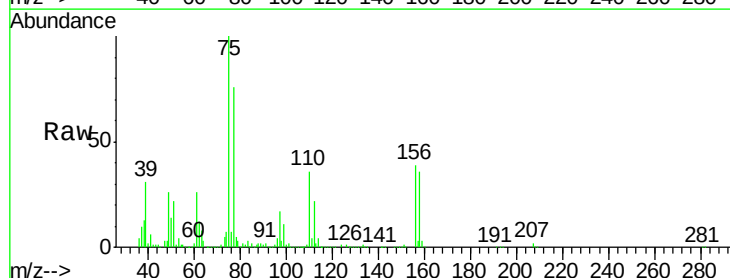
Acq: 28 Jan 2019 10:23

Tgt Ion: 75 Resp: 273704

Ion Ratio Lower Upper

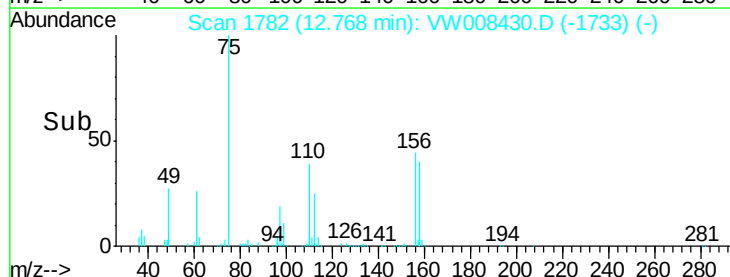
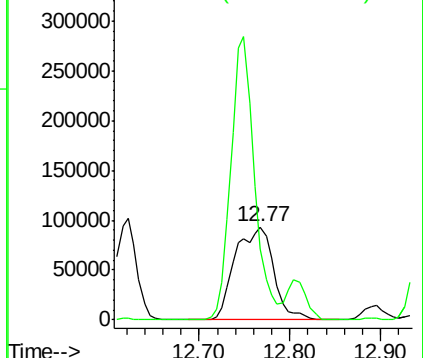
75 100

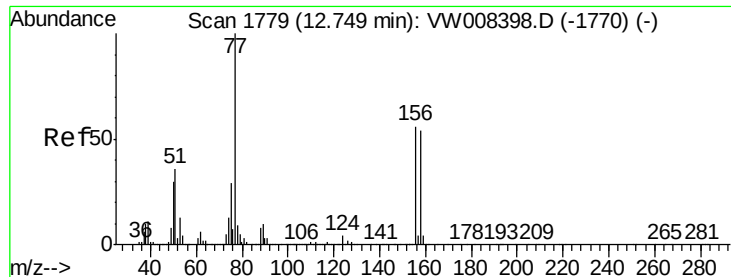
77 187.1 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.498 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

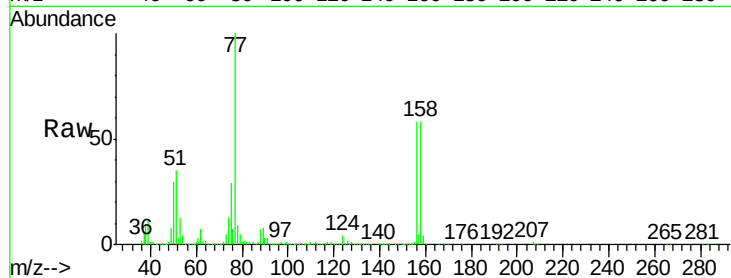
Tgt Ion:156 Resp: 275324

Ion Ratio Lower Upper

156 100

77 186.0 96.9 290.7

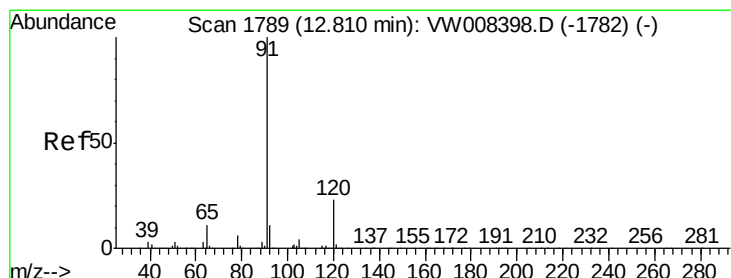
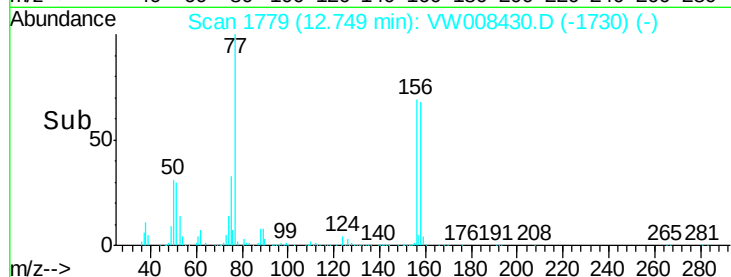
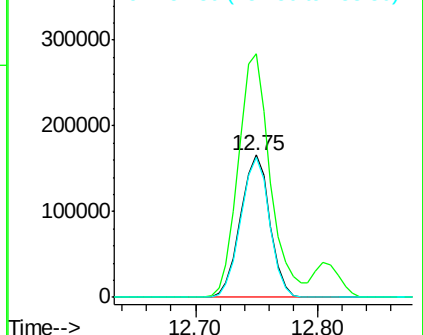
158 97.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.554 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008430.D

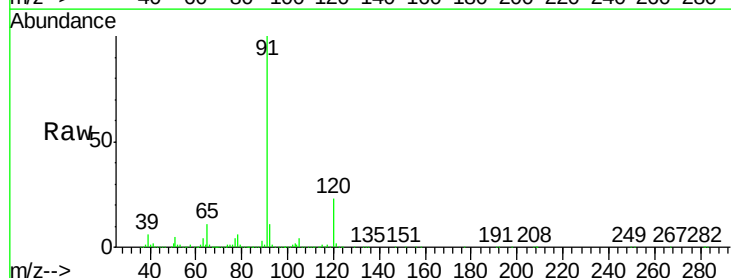
Acq: 28 Jan 2019 10:23

Tgt Ion: 91 Resp: 1515906

Ion Ratio Lower Upper

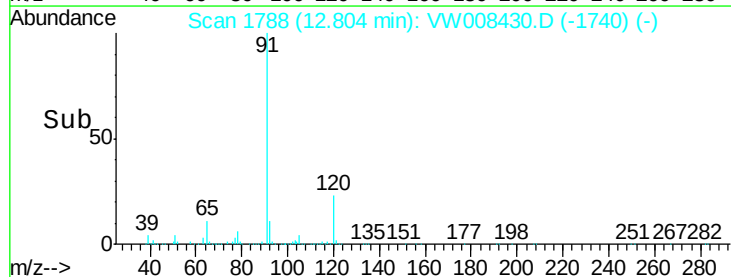
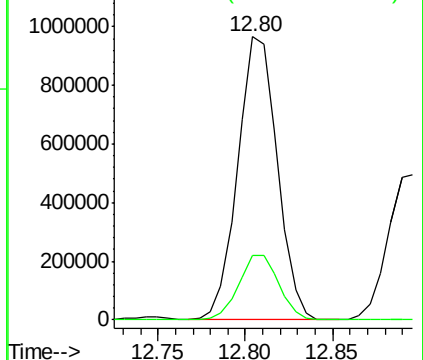
91 100

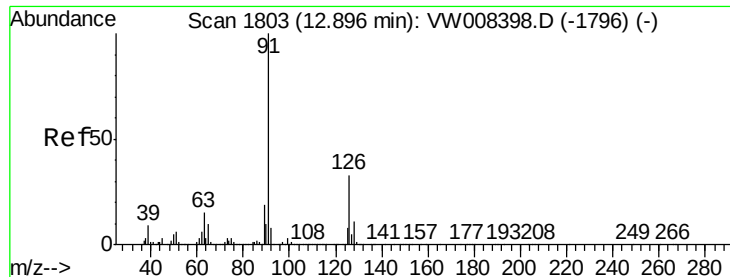
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

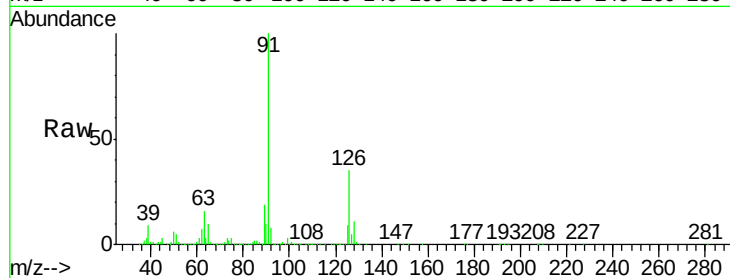
VSTDCCC050

Tgt Ion: 91 Resp: 836592

Ion Ratio Lower Upper

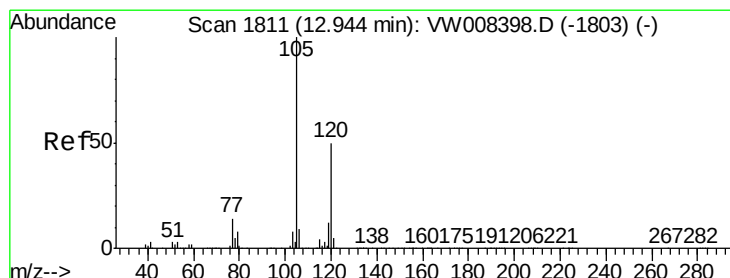
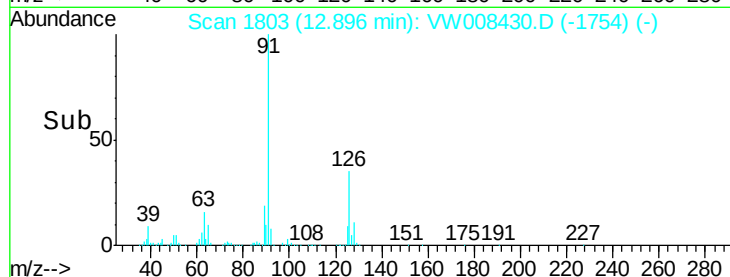
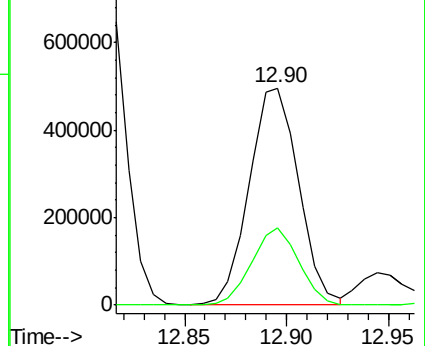
91 100

126 34.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.356 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008430.D

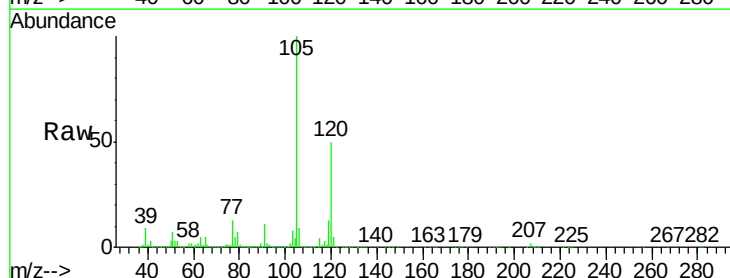
Acq: 28 Jan 2019 10:23

Tgt Ion: 105 Resp: 1050718

Ion Ratio Lower Upper

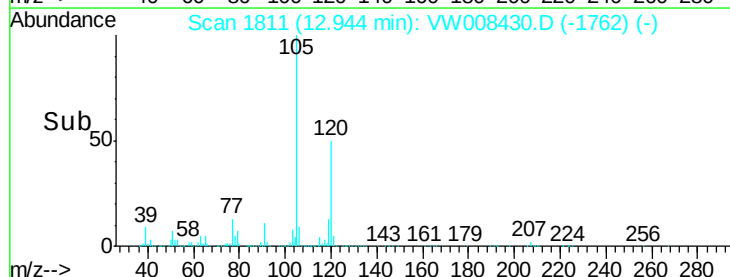
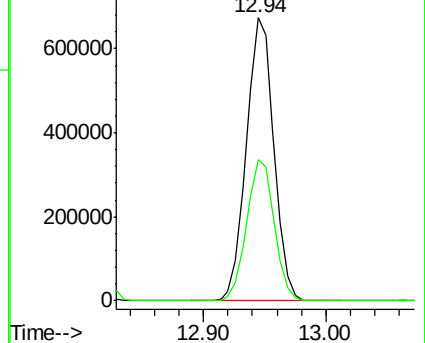
105 100

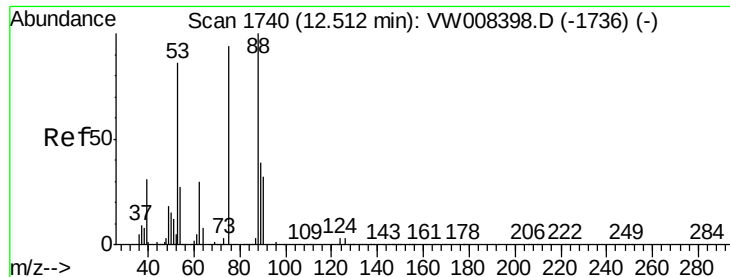
120 50.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

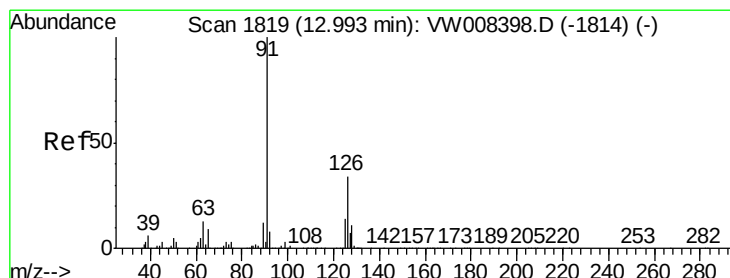
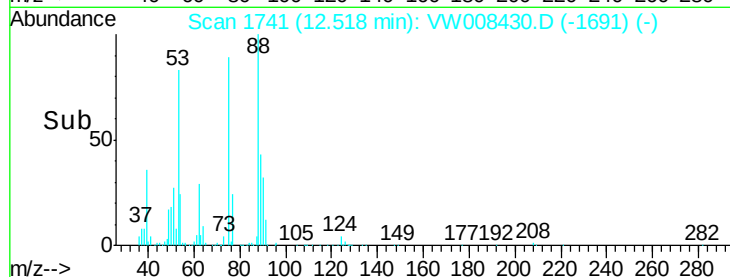
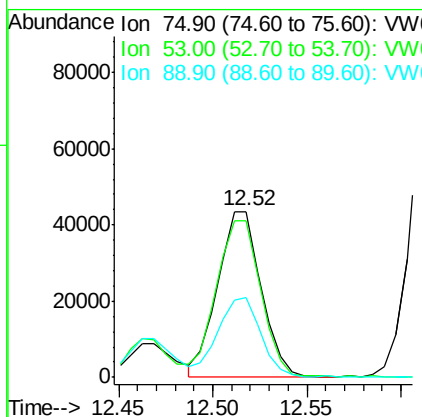
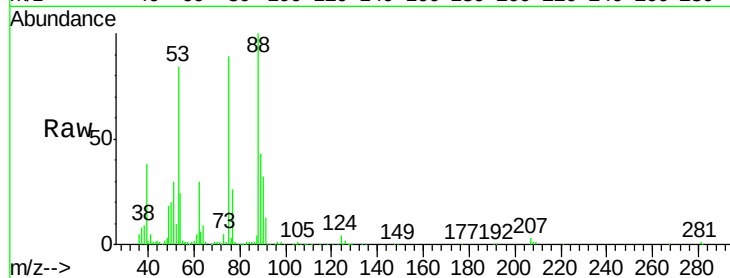




#81
trans-1,4-Dichloro-2-butene
Concen: 46.065 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

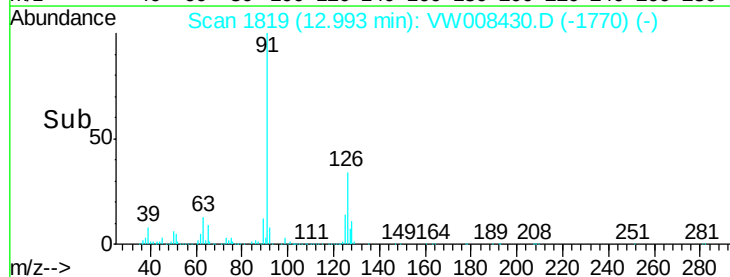
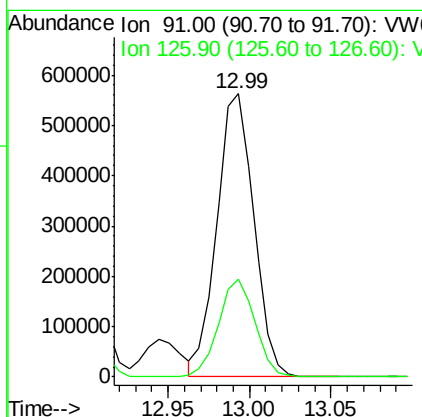
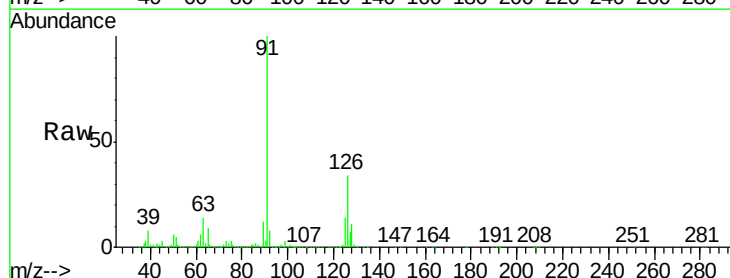
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

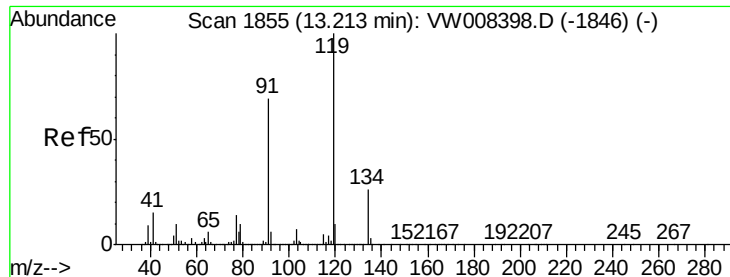
Tgt Ion: 75 Resp: 69276
Ion Ratio Lower Upper
75 100
53 96.8 76.0 114.0
89 48.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 48.226 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 91 Resp: 886336
Ion Ratio Lower Upper
91 100
126 34.1 16.4 49.2





#83

tert-Butylbenzene

Concen: 50.085 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW008430.D

Acq: 28 Jan 2019 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

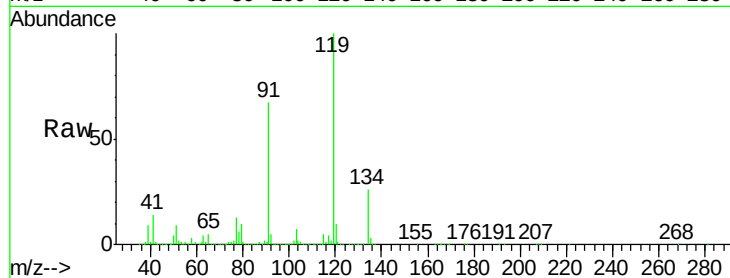
Tgt Ion:119 Resp: 948819

Ion Ratio Lower Upper

119 100

91 65.4 33.8 101.4

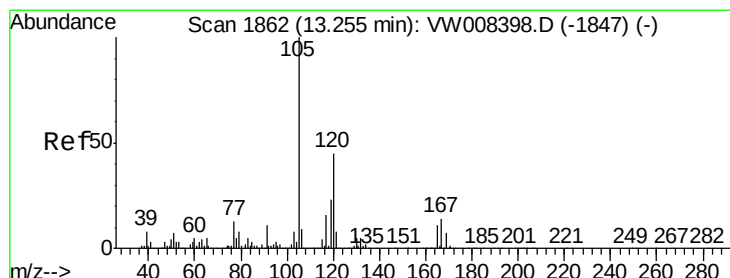
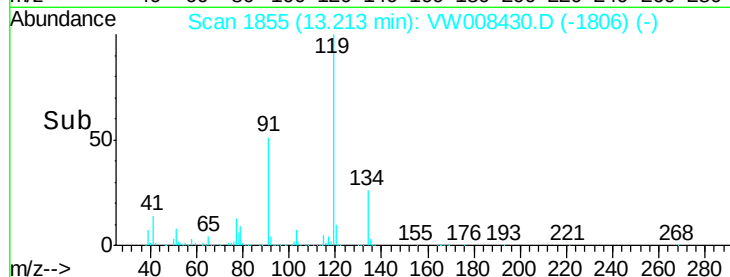
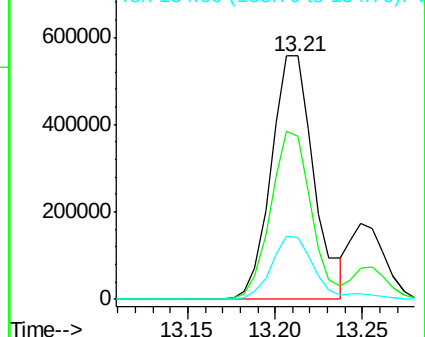
134 26.7 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.213 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008430.D

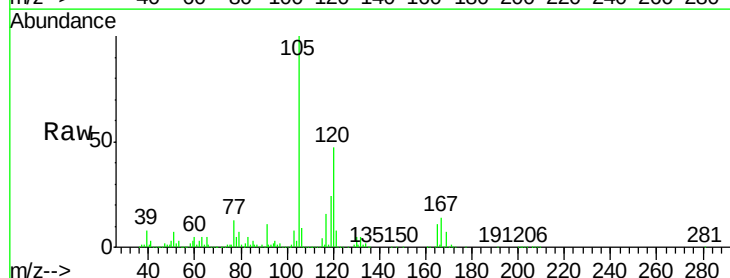
Acq: 28 Jan 2019 10:23

Tgt Ion:105 Resp: 1064879

Ion Ratio Lower Upper

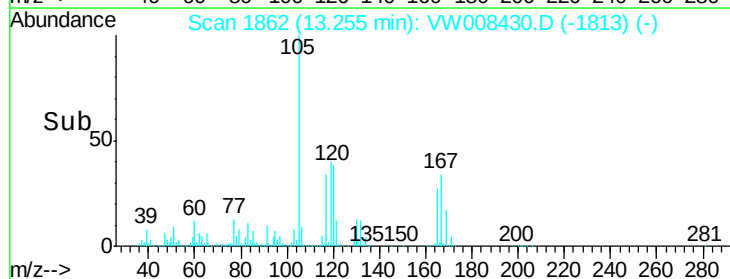
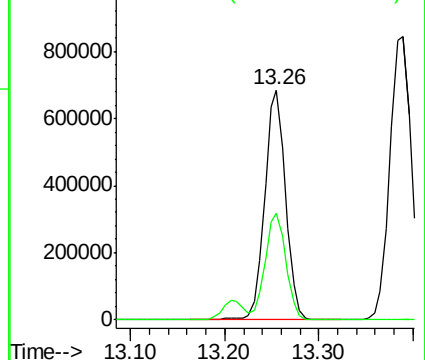
105 100

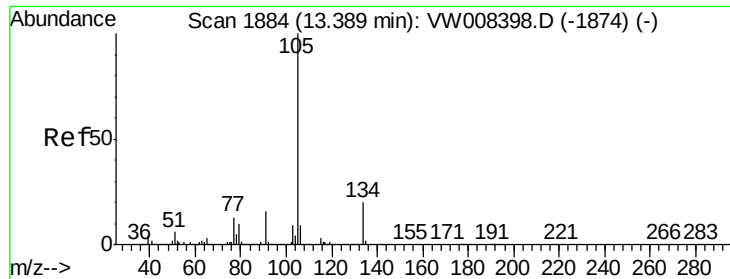
120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

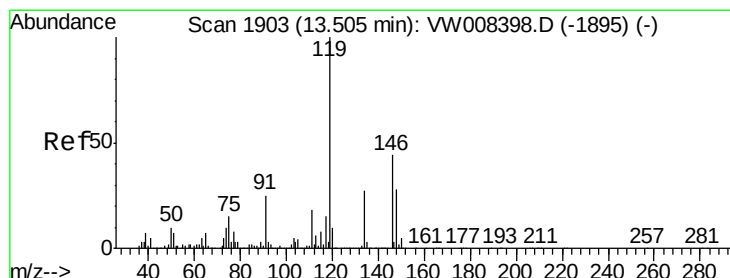
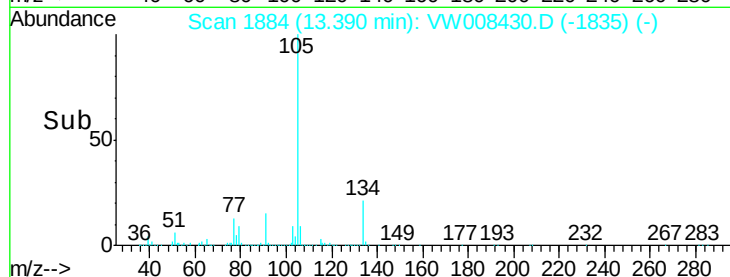
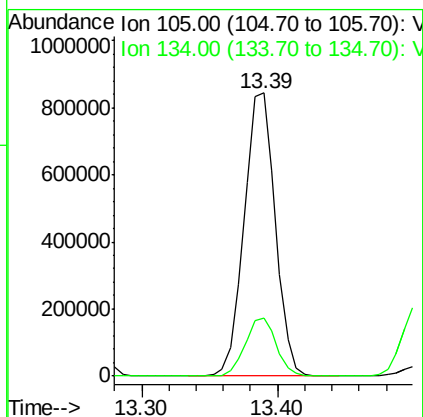
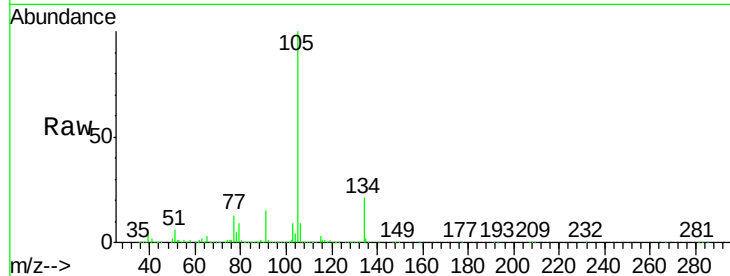




#85
 sec-Butylbenzene
 Concen: 49.843 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

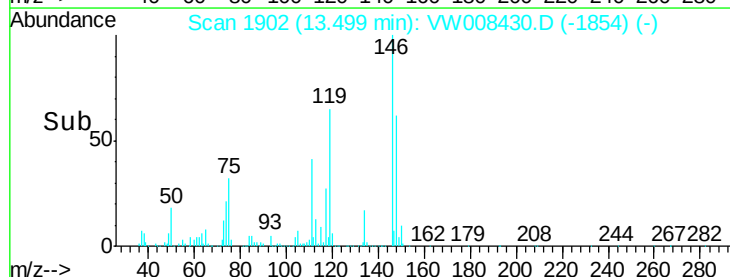
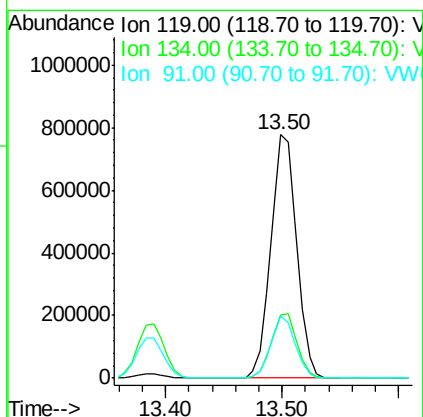
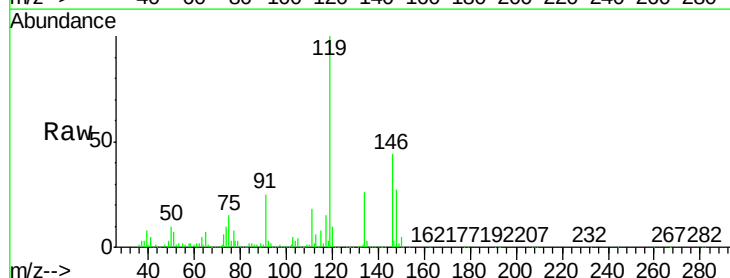
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

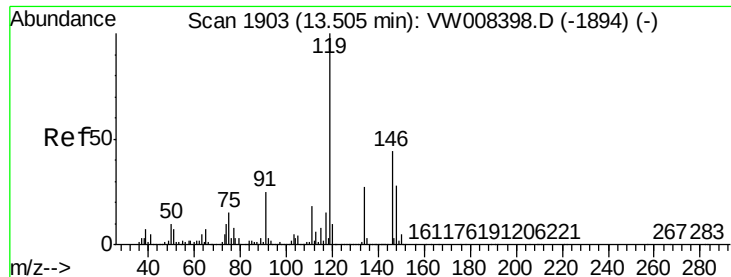
Tgt Ion:105 Resp: 1348508
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.548 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion:119 Resp: 1197910
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.2 12.6 37.6

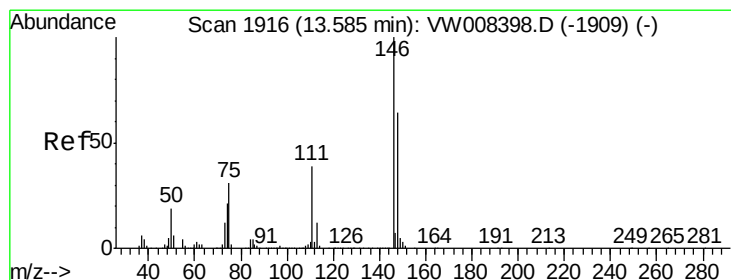
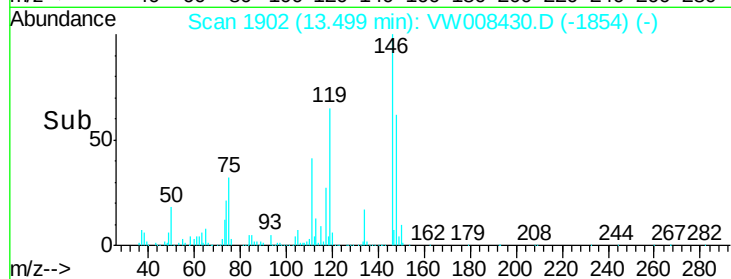
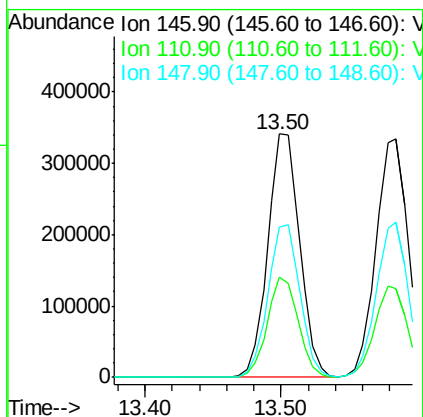
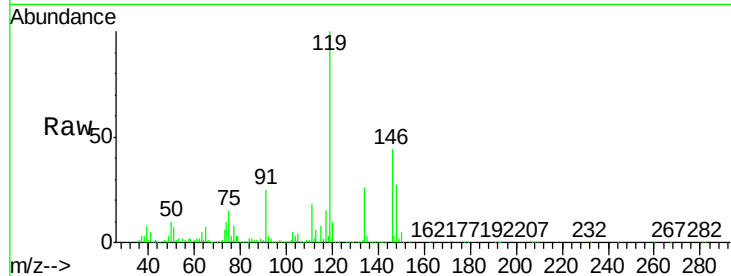




#87
 1,3-Dichlorobenzene
 Concen: 49.839 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

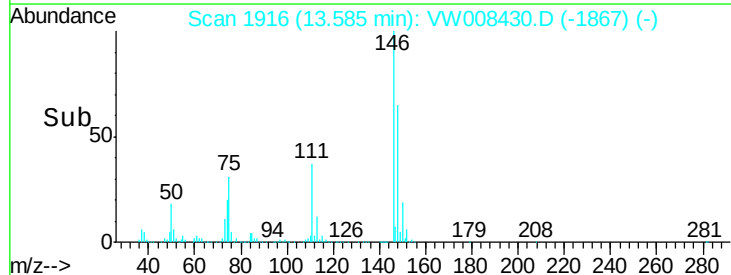
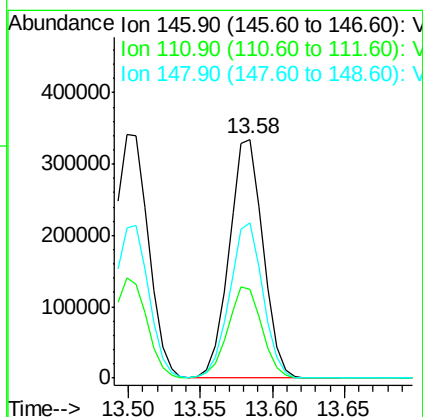
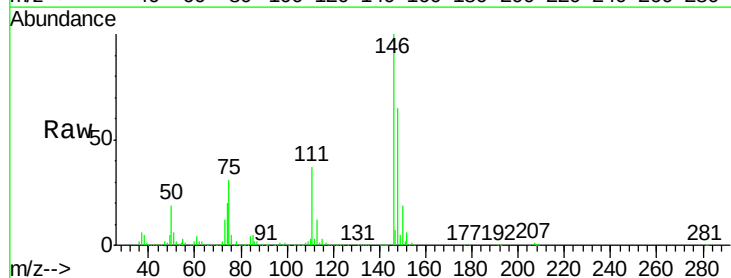
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

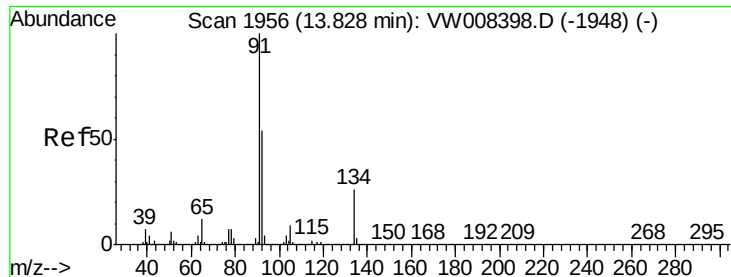
Tgt Ion:146 Resp: 559870
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.195 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion:146 Resp: 549216
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 60.0
 148 64.0 32.0 96.2

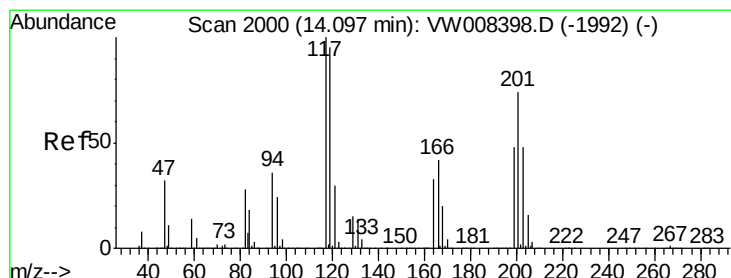
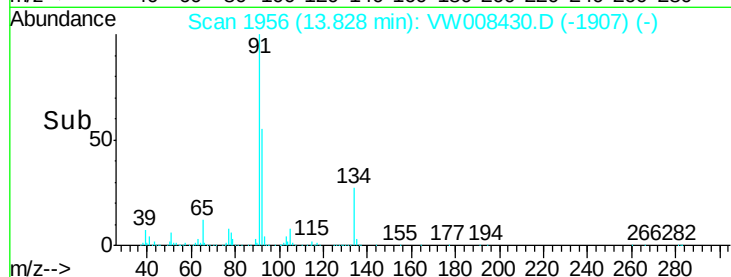
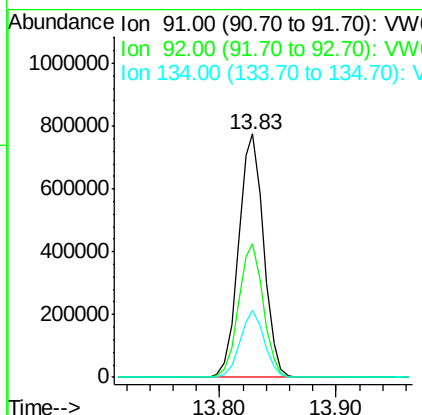
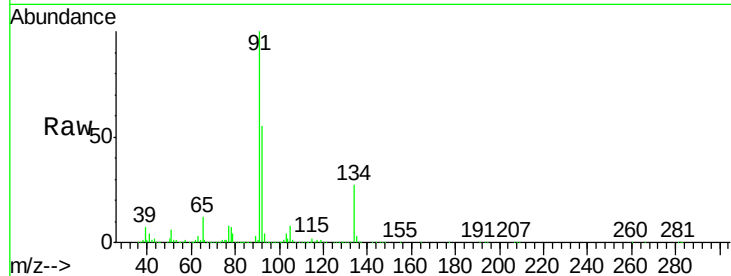




#89
n-Butylbenzene
Concen: 49.454 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

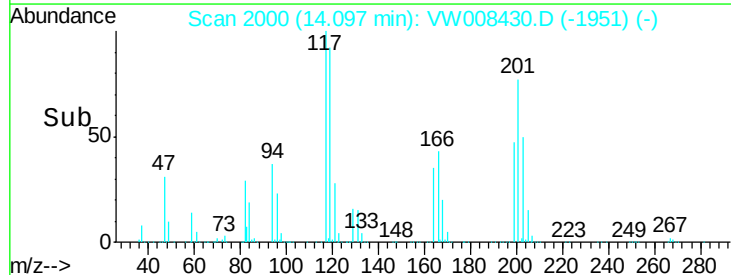
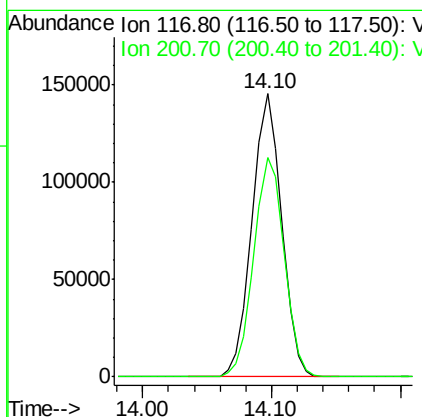
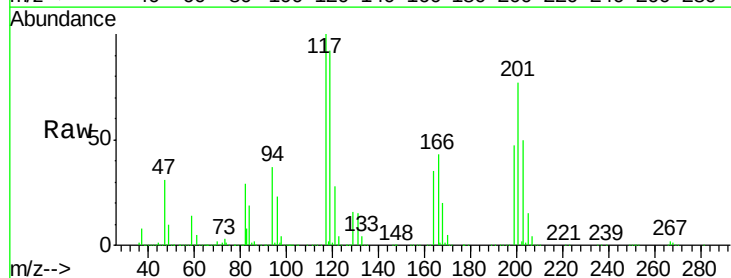
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

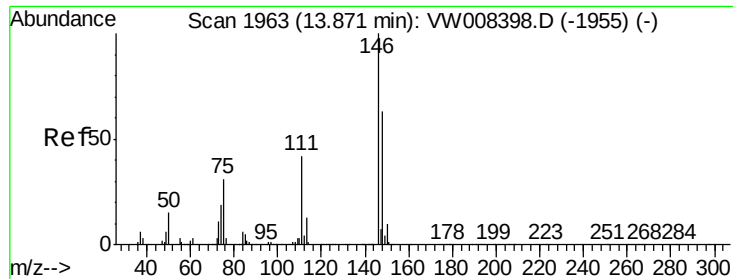
Tgt Ion: 91 Resp: 1150745
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 26.8 13.0 39.0



#90
Hexachloroethane
Concen: 49.856 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion: 117 Resp: 231062
Ion Ratio Lower Upper
117 100
201 79.7 39.1 117.5

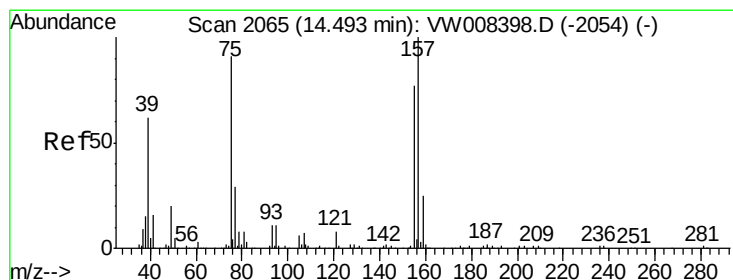
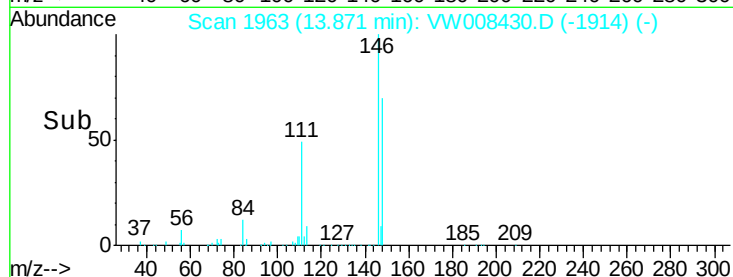
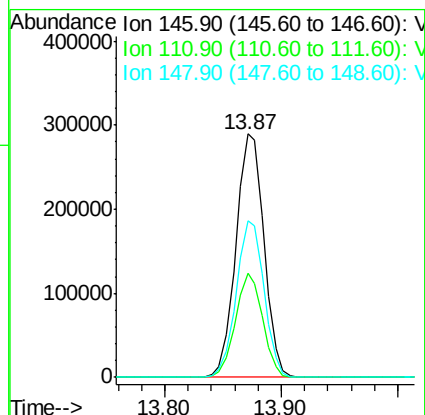
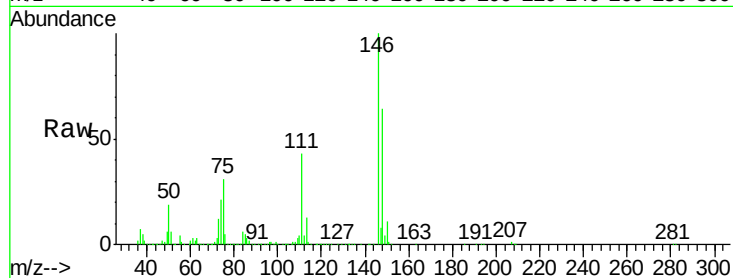




#91
 1,2-Dichlorobenzene
 Concen: 48.798 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

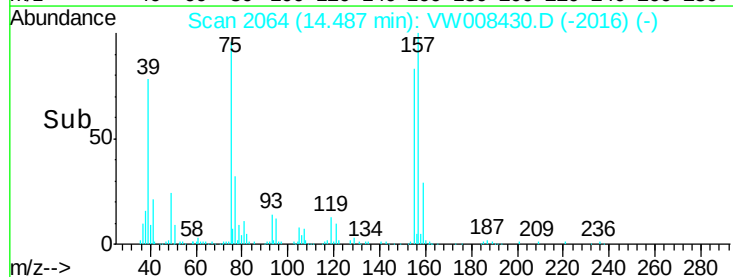
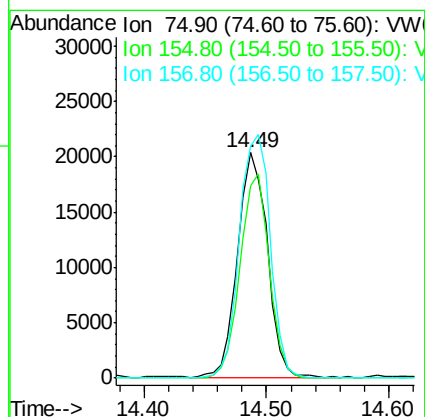
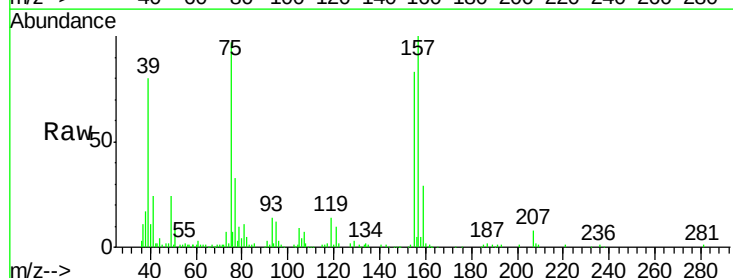
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

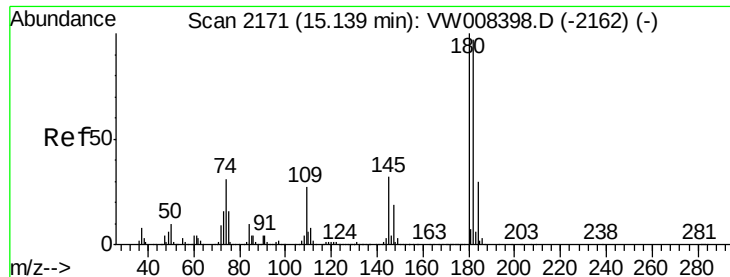
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.960 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.7	128.1
157	112.3	55.5	166.3

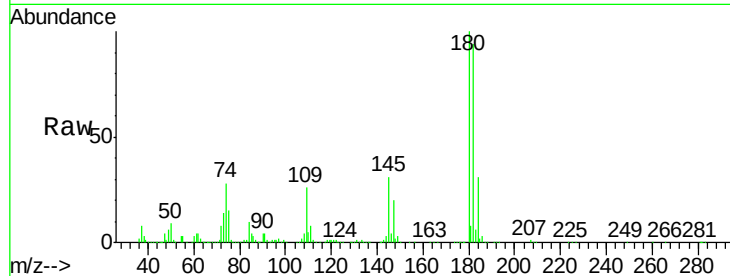




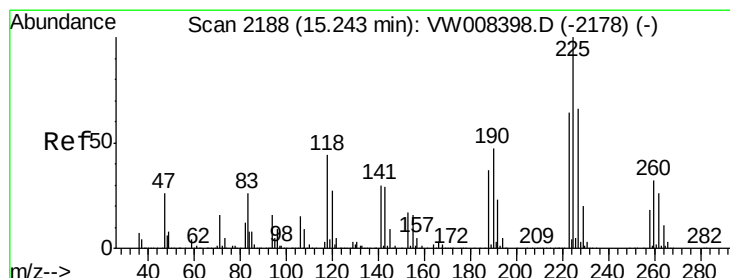
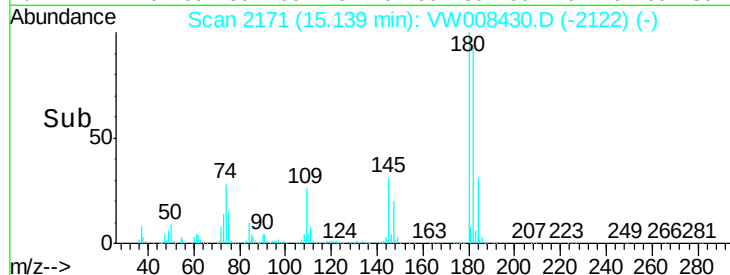
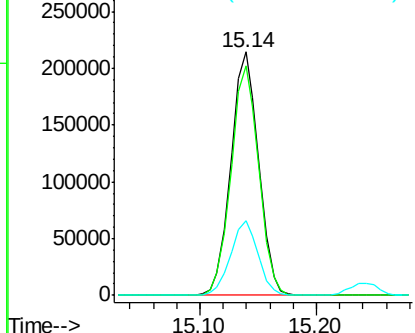
#93
 1,2,4-Trichlorobenzene
 Concen: 49.777 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 353074
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.7
 145 30.6 15.5 46.5

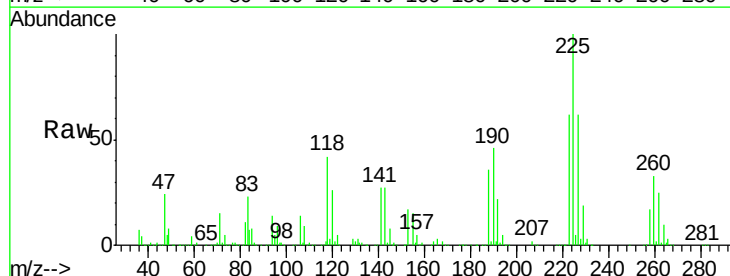


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

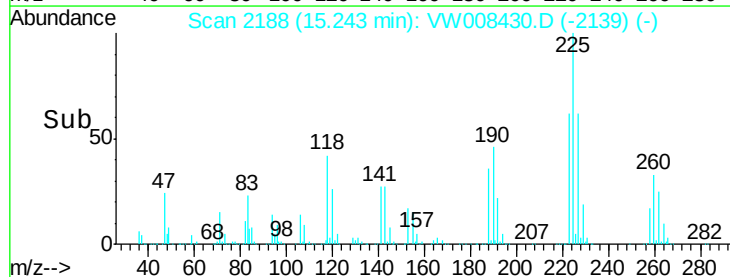
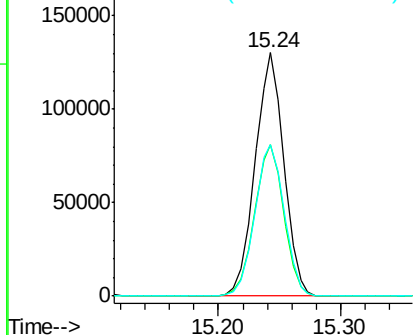


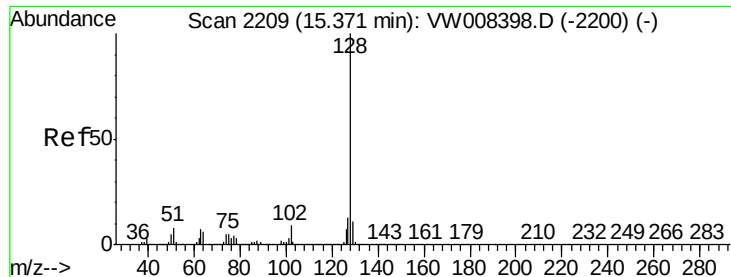
#94
 Hexachlorobutadiene
 Concen: 49.884 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008430.D
 Acq: 28 Jan 2019 10:23

Tgt Ion:225 Resp: 213241
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.7 95.1
 227 63.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

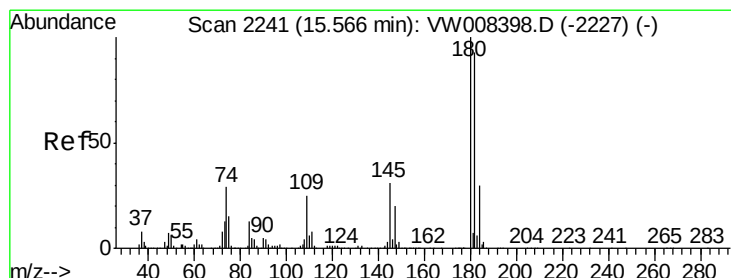
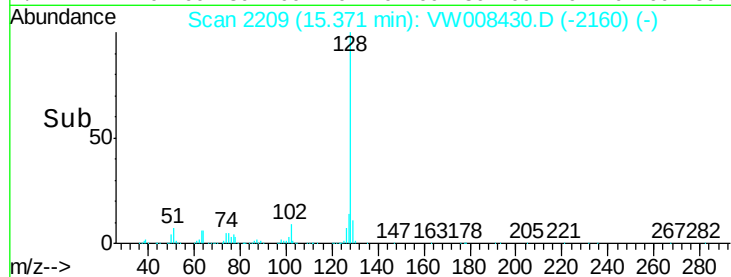
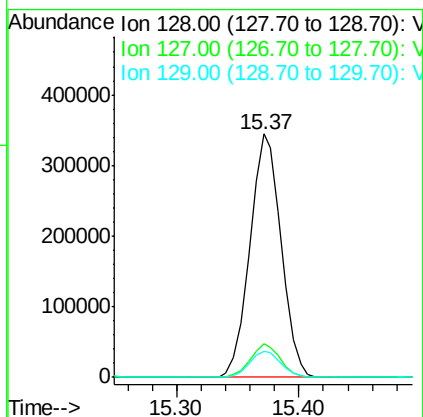
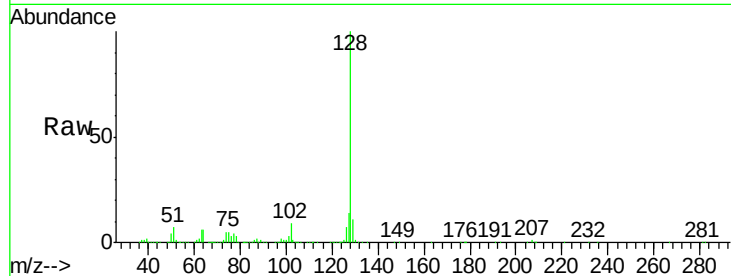




#95
Naphthalene
Concen: 48.942 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 609550
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.290 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008430.D
Acq: 28 Jan 2019 10:23

Tgt Ion:180 Resp: 296575
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.2
145 32.7 15.9 47.6

