

Data File : VW008497.D
Acq On : 04 Feb 2019 10:07
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: Feb 05 02:58:07 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	398014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	606663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	529525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	194851	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	7.88	113	192366	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
50) Toluene-d8	10.32	98	743443	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.62	95	267512	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	105525	46.147	ug/l	99
3) Chloromethane	2.21	50	145345	44.737	ug/l	98
4) Vinyl Chloride	2.36	62	205040	49.577	ug/l	97
5) Bromomethane	2.78	94	159965	59.966	ug/l	95
6) Chloroethane	2.92	64	143832	56.866	ug/l	93
7) Trichlorofluoromethane	3.25	101	166232	46.569	ug/l	99
8) Diethyl Ether	3.67	74	98651	49.701	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	193384	53.720	ug/l	97
10) Methyl Iodide	4.26	142	298175	52.440	ug/l	100
11) Tert butyl alcohol	5.19	59	63828	202.752	ug/l	94
12) 1,1-Dichloroethene	4.02	96	190494	52.289	ug/l	96
13) Acrolein	3.89	56	56518	204.263	ug/l	98
14) Allyl chloride	4.65	41	327083	47.281	ug/l	96
15) Acrylonitrile	5.36	53	201689	235.318	ug/l	100
16) Acetone	4.13	43	230874	262.932	ug/l	97
17) Carbon Disulfide	4.37	76	537400	46.187	ug/l	98
18) Methyl Acetate	4.67	43	112593	48.075	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	298517	49.524	ug/l	97
20) Methylene Chloride	4.90	84	186980	46.201	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	208284	50.854	ug/l	96
22) Diisopropyl ether	6.31	45	610687	46.578	ug/l	99
23) Vinyl Acetate	6.25	43	1776126	229.421	ug/l	98
24) 1,1-Dichloroethane	6.21	63	369152	49.742	ug/l	99
25) 2-Butanone	7.17	43	295475	242.266	ug/l	99
26) 2,2-Dichloropropane	7.16	77	253135	50.461	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	224054	50.195	ug/l	98
28) Bromochloromethane	7.51	49	151627	44.483	ug/l	95
29) Tetrahydrofuran	7.53	42	169844	219.755	ug/l	97
30) Chloroform	7.67	83	367928	50.404	ug/l	98
31) Cyclohexane	7.95	56	336033	43.789	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	322610	51.168	ug/l	99
36) 1,1-Dichloropropene	8.07	75	299210	52.213	ug/l	98
37) Ethyl Acetate	7.25	43	122385	48.271	ug/l	99
38) Carbon Tetrachloride	8.06	117	316127	54.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	366308	48.658	ug/l	99
40) Benzene	8.32	78	811743	51.048	ug/l	99
41) Methacrylonitrile	7.48	41	74350	49.526	ug/l	99
42) 1,2-Dichloroethane	8.40	62	234004	50.779	ug/l	99
43) Isopropyl Acetate	8.42	43	248526	47.182	ug/l	96
44) Trichloroethene	9.09	130	233120	53.910	ug/l	98
45) 1,2-Dichloropropane	9.37	63	199953	50.431	ug/l	100
46) Dibromomethane	9.46	93	103279	50.644	ug/l	96
47) Bromodichloromethane	9.64	83	280499	52.002	ug/l	98
48) Methyl methacrylate	9.43	41	116838	45.365	ug/l	97
49) 1,4-Dioxane	9.46	88	32454	941.504	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	603978	232.100	ug/l	99
52) Toluene	10.38	92	525834	50.094	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	285308	49.709	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	330625	50.760	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	144691	51.153	ug/l	96
56) Ethyl methacrylate	10.65	69	185096	46.700	ug/l	98
57) 1,3-Dichloropropane	10.93	76	251975	49.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	474463	246.378	ug/l	97
59) 2-Hexanone	10.97	43	467147	254.290	ug/l	100
60) Dibromochloromethane	11.13	129	189531	52.140	ug/l	99
61) 1,2-Dibromoethane	11.23	107	140179	49.980	ug/l	99
64) Tetrachloroethene	10.86	164	192193	53.607	ug/l	98
65) Chlorobenzene	11.66	112	577270	53.404	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	205543	53.147	ug/l	98
67) Ethyl Benzene	11.73	91	1033126	51.995	ug/l	97
68) m/p-Xylenes	11.84	106	794491	103.056	ug/l	98
69) o-Xylene	12.16	106	374107	51.073	ug/l	98
70) Styrene	12.18	104	604650	49.973	ug/l	98
71) Bromoform	12.35	173	113934	52.360	ug/l #	99
73) Isopropylbenzene	12.46	105	1055981	52.925	ug/l	100
74) N-amyl acetate	12.27	43	239470	46.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	162840	51.550	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	227565	97.799	ug/l #	1
77) Bromobenzene	12.75	156	232866	53.441	ug/l	94
78) n-propylbenzene	12.80	91	1251696	52.232	ug/l	99
79) 2-Chlorotoluene	12.90	91	694784	51.379	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	860810	51.617	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	57705	48.981	ug/l	96
82) 4-Chlorotoluene	12.99	91	725532	50.393	ug/l	98
83) tert-Butylbenzene	13.21	119	763526	51.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	875599	51.656	ug/l	100
85) sec-Butylbenzene	13.38	105	1110042	52.375	ug/l	99
86) p-Isopropyltoluene	13.50	119	993298	53.504	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	467126	53.082	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	460759	52.684	ug/l	99
89) n-Butylbenzene	13.83	91	946069	51.902	ug/l	99
90) Hexachloroethane	14.10	117	193717	53.357	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	407920	52.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28362	47.321	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Quantitation Report (Not Reviewed)

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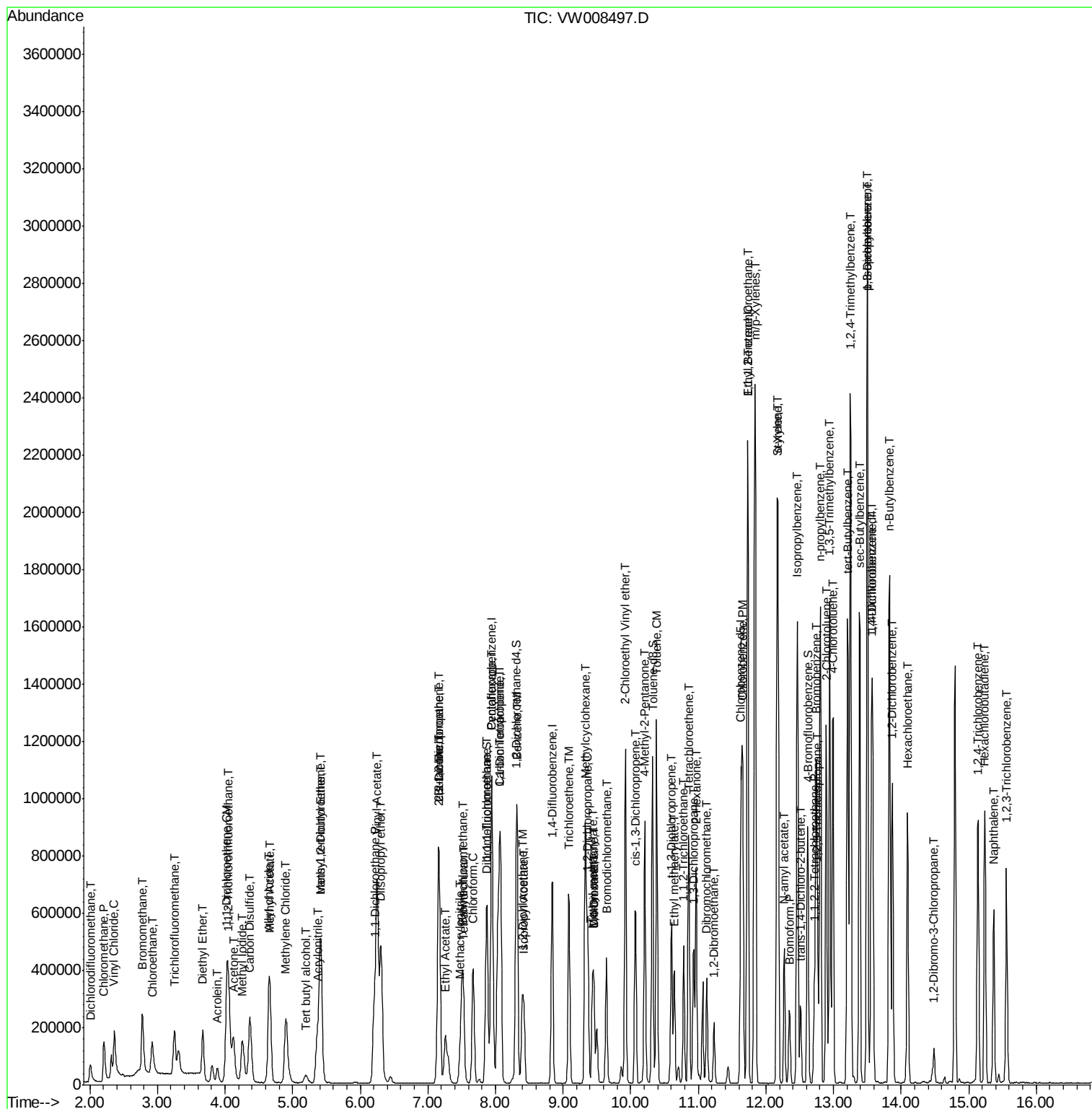
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	297726	53.581	ug/l	99
94) Hexachlorobutadiene	15.24	225	185145	55.288	ug/l	99
95) Naphthalene	15.37	128	511738	52.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	250513	53.148	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

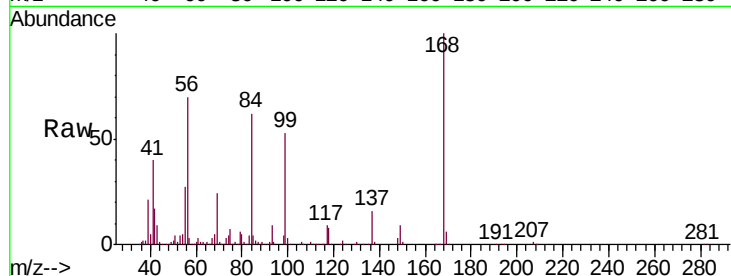
VSTDCCC050

Tgt Ion:168 Resp: 398014

Ion Ratio Lower Upper

168 100

99 53.3 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

200000

150000

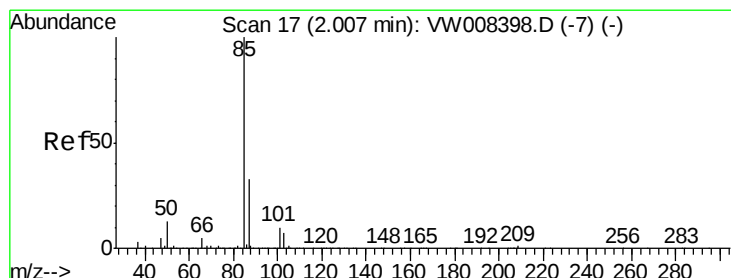
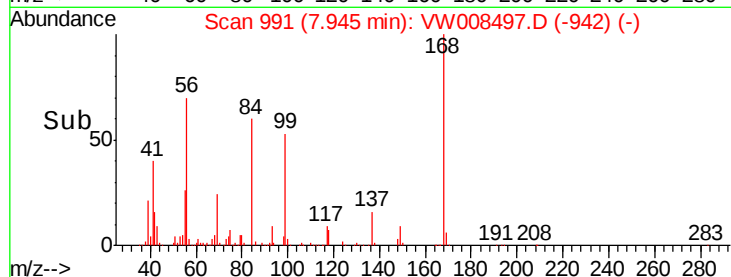
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.147 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008497.D

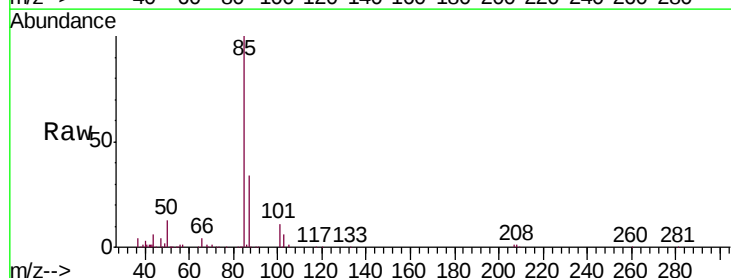
Acq: 04 Feb 2019 10:07

Tgt Ion: 85 Resp: 105525

Ion Ratio Lower Upper

85 100

87 33.7 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

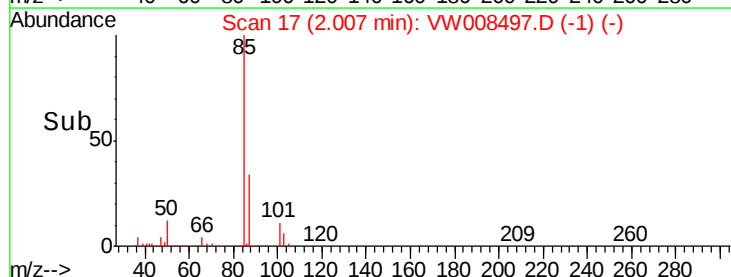
20000

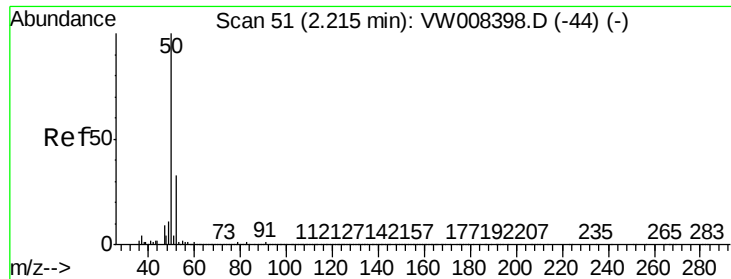
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0

1.90 2.00 2.10 2.20

Time-->

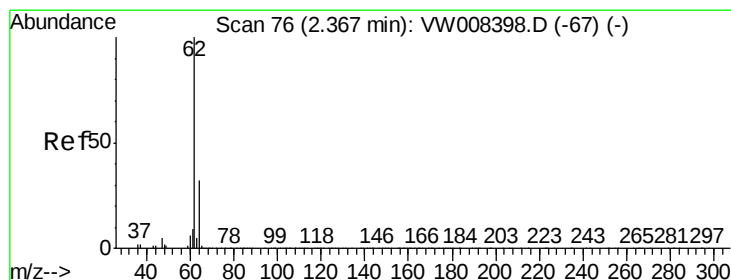
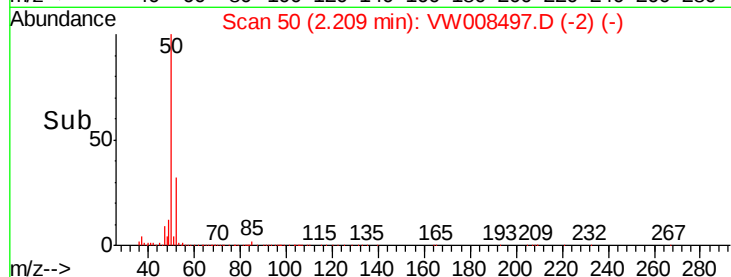
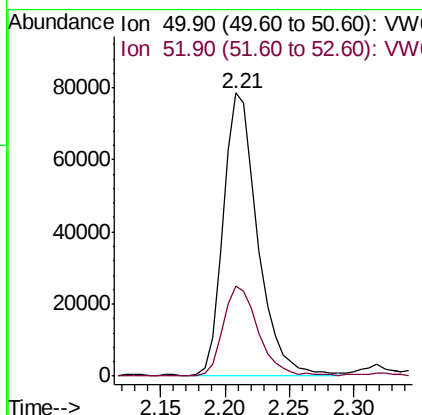
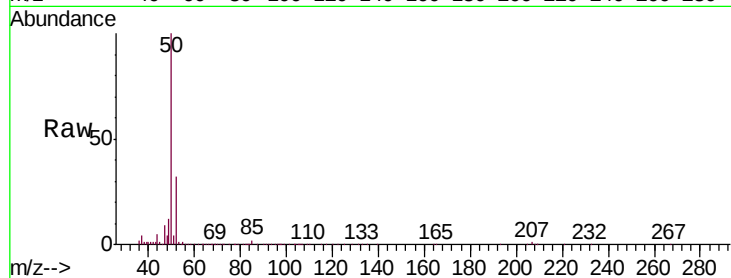




#3
Chloromethane
Concen: 44.737 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

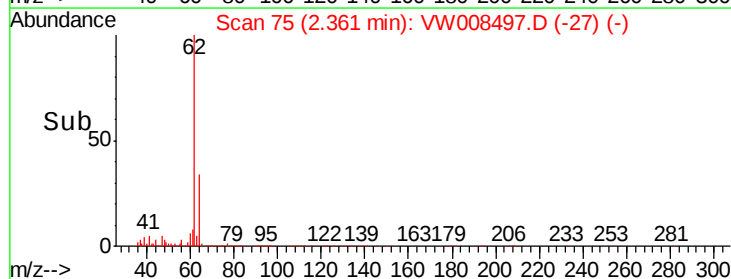
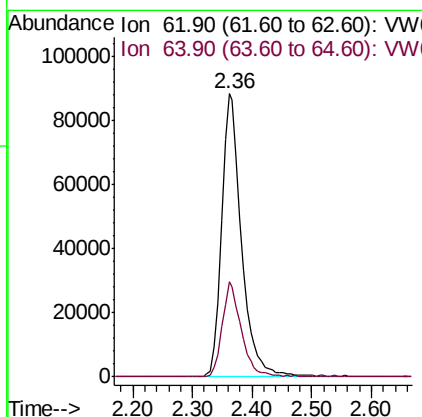
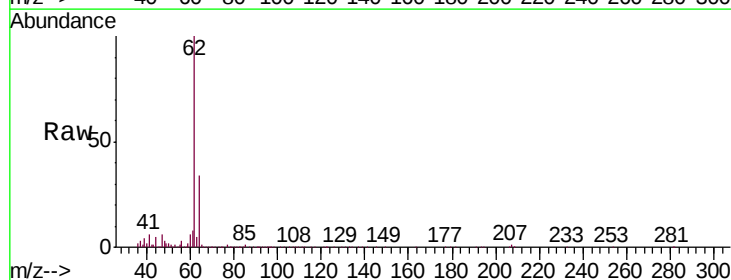
Instrument :
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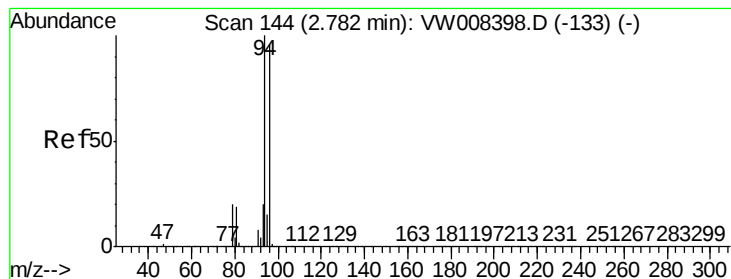
Tgt Ion: 50 Resp: 145345
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5



#4
Vinyl Chloride
Concen: 49.577 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 62 Resp: 205040
Ion Ratio Lower Upper
62 100
64 33.7 25.5 38.3





#5

Bromomethane

Concen: 59.966 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

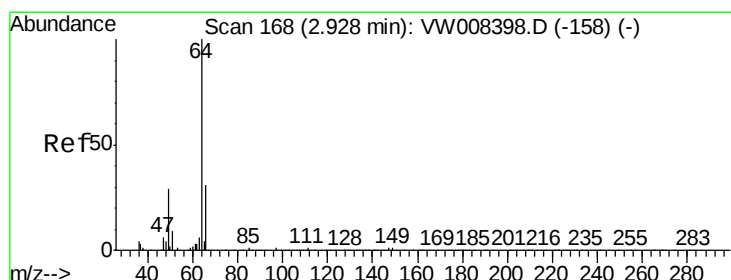
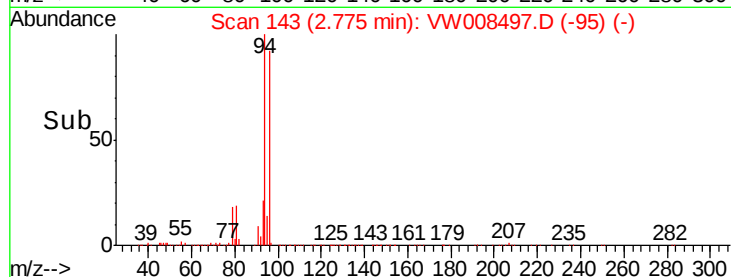
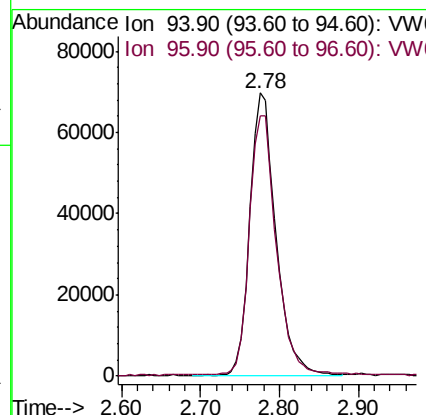
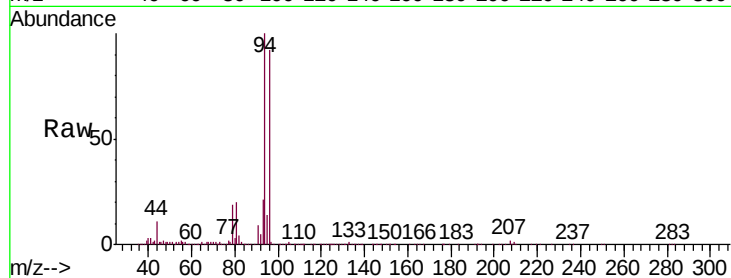
VSTDCCC050

Tgt Ion: 94 Resp: 159965

Ion Ratio Lower Upper

94 100

96 91.6 77.2 115.8



#6

Chloroethane

Concen: 56.866 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008497.D

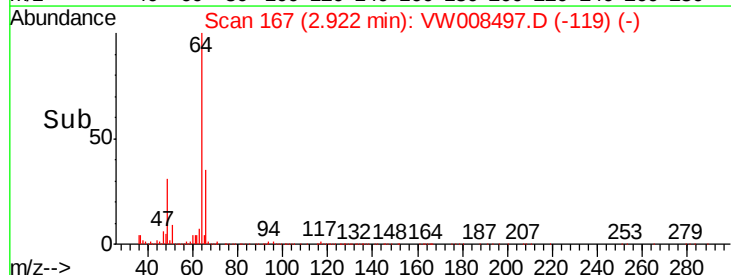
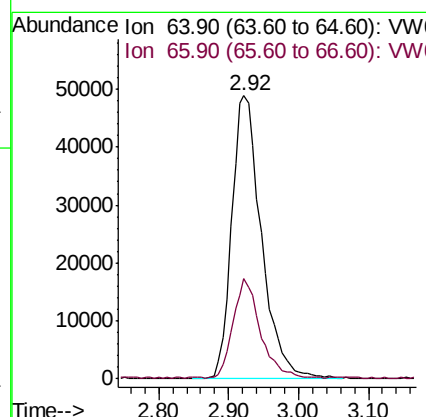
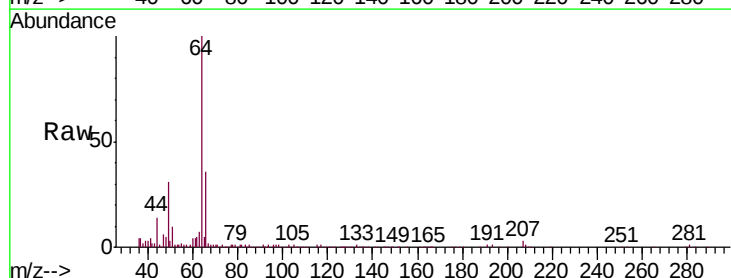
Acq: 04 Feb 2019 10:07

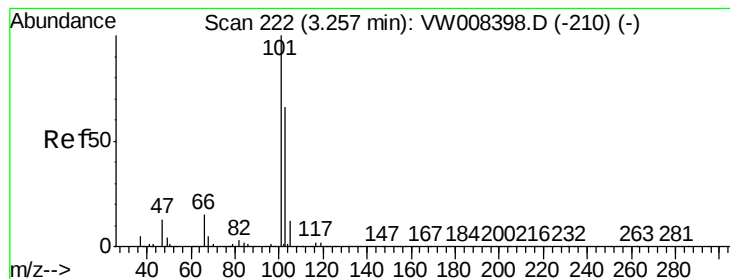
Tgt Ion: 64 Resp: 143832

Ion Ratio Lower Upper

64 100

66 35.2 24.9 37.3



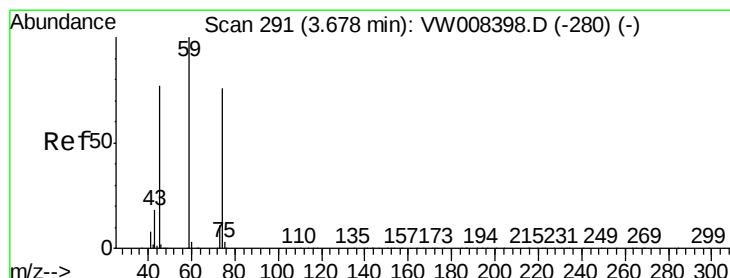
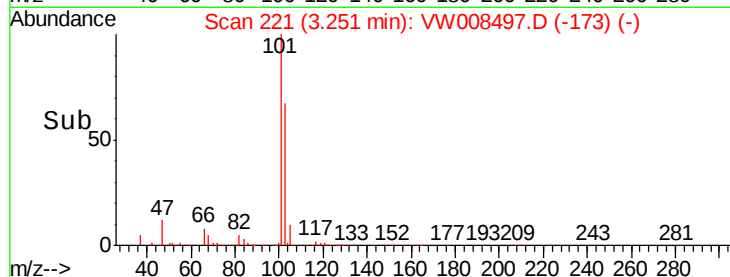
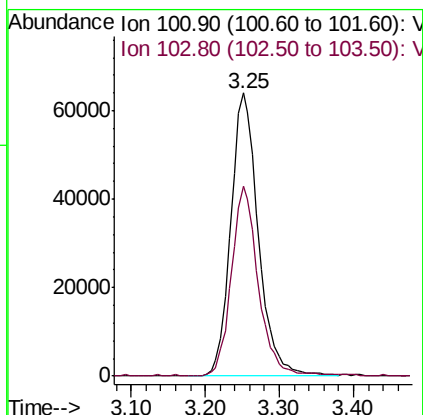
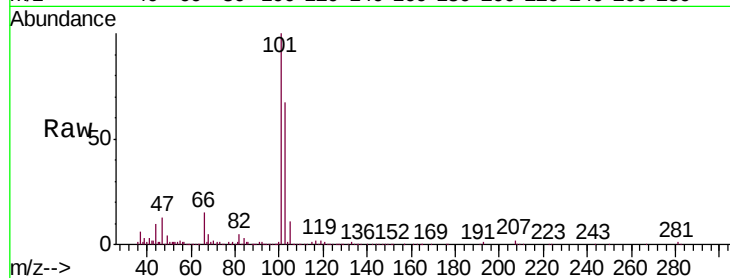


#7

Trichlorofluoromethane
Concen: 46.569 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008497.D
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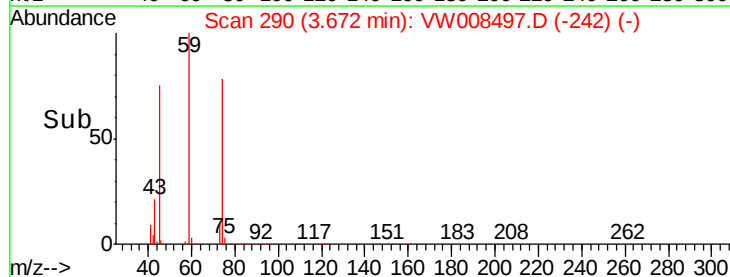
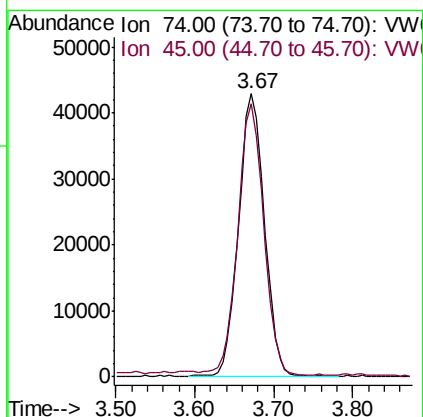
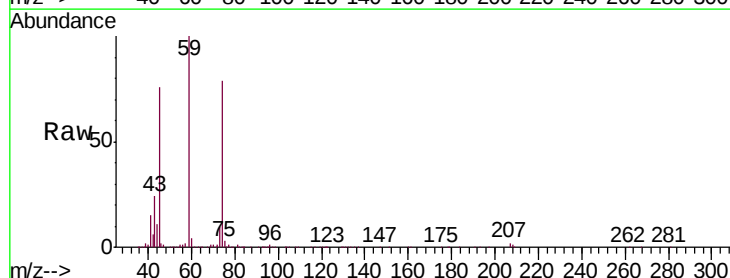
Tgt Ion: 101 Resp: 166232
Ion Ratio Lower Upper
101 100
103 66.7 52.5 78.7



#8

Diethyl Ether
Concen: 49.701 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 74 Resp: 98651
Ion Ratio Lower Upper
74 100
45 95.9 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.720 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

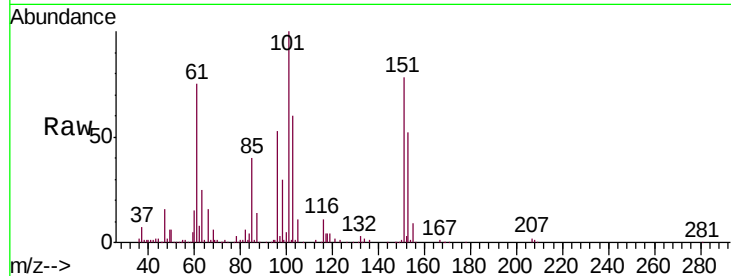
Tgt Ion:101 Resp: 193384

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

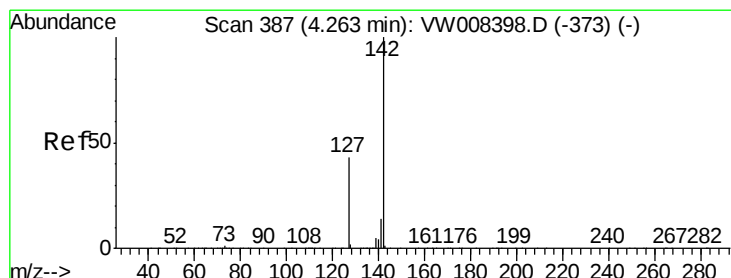
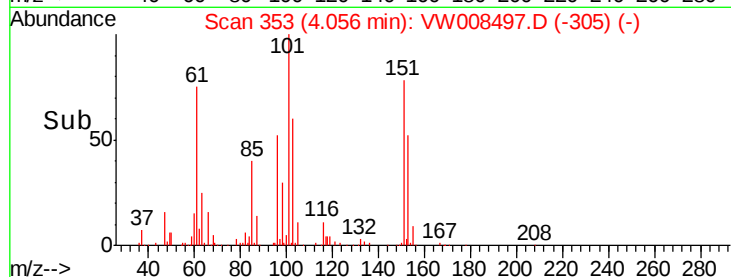
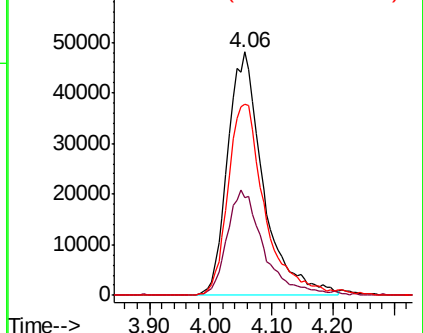
151 81.1 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.440 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

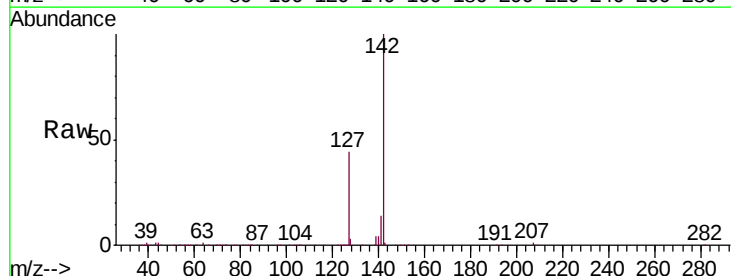
Tgt Ion:142 Resp: 298175

Ion Ratio Lower Upper

142 100

127 43.4 34.6 52.0

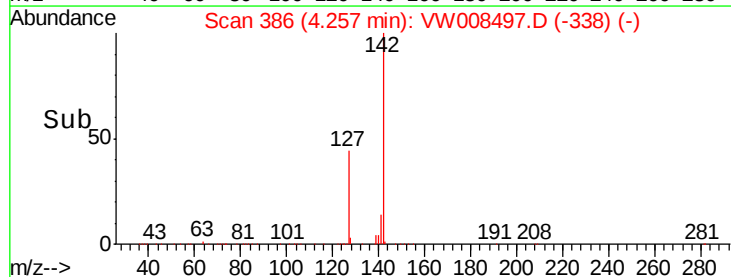
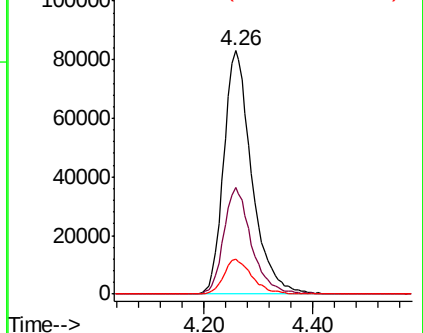
141 14.6 11.4 17.2

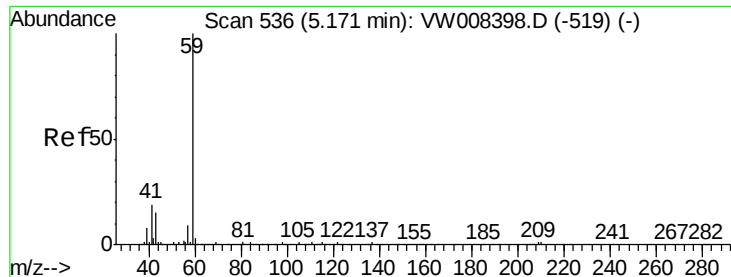


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



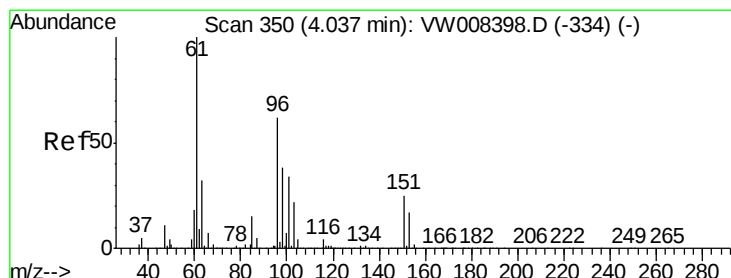
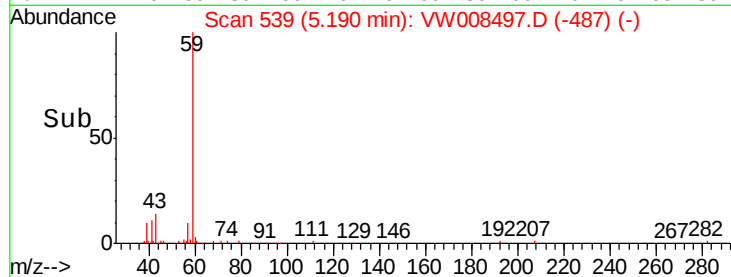
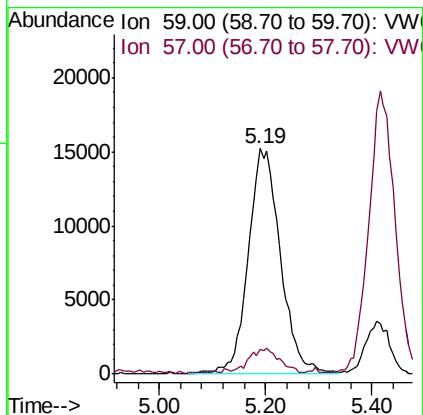
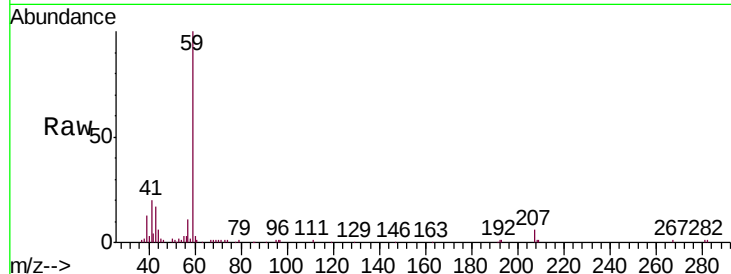


#11

Tert butyl alcohol
Concen: 202.752 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

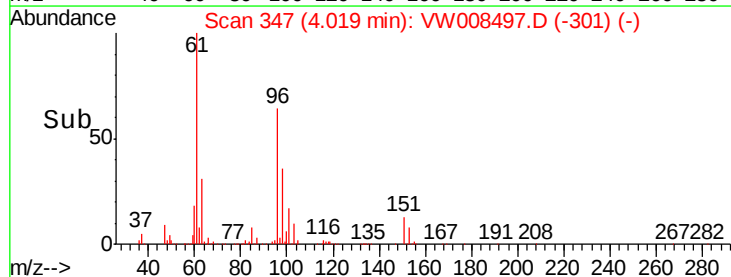
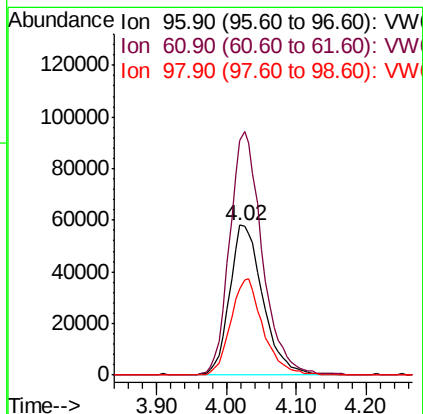
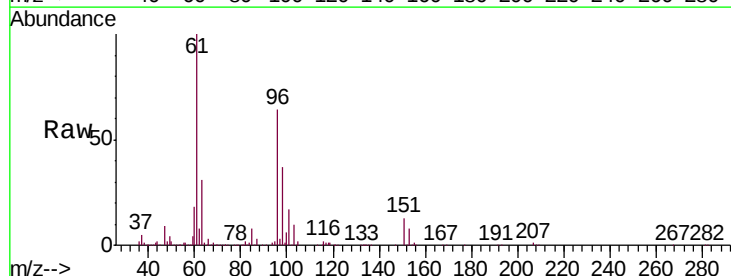
Tgt Ion: 59 Resp: 63828
Ion Ratio Lower Upper
59 100
57 9.4 9.3 13.9

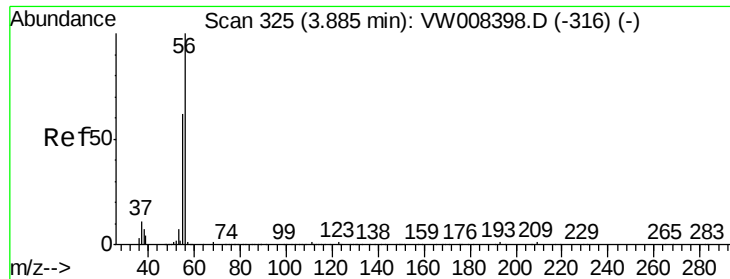


#12

1,1-Dichloroethene
Concen: 52.289 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 96 Resp: 190494
Ion Ratio Lower Upper
96 100
61 157.1 129.5 194.3
98 57.4 48.6 73.0





#13

Acrolein

Concen: 204.263 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

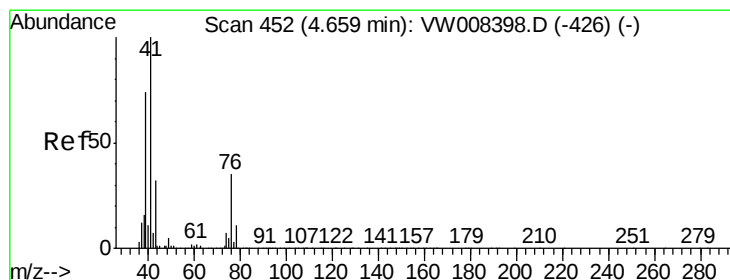
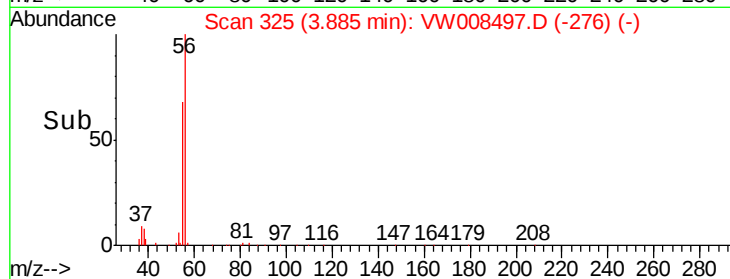
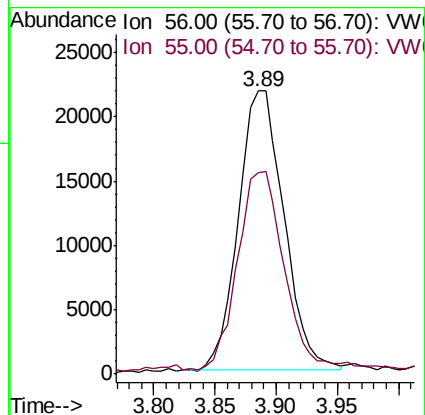
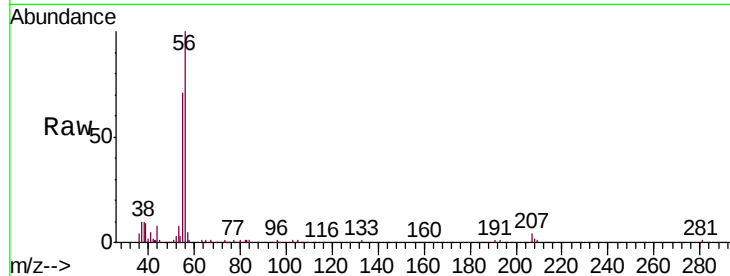
VSTDCCC050

Tgt Ion: 56 Resp: 56518

Ion Ratio Lower Upper

56 100

55 72.6 56.7 85.1



#14

Allyl chloride

Concen: 47.281 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

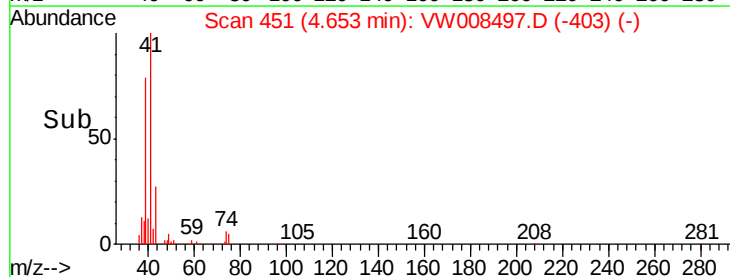
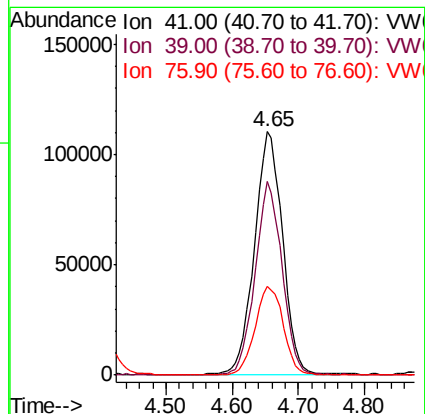
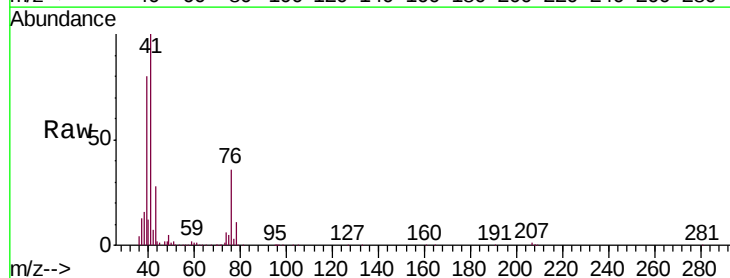
Tgt Ion: 41 Resp: 327083

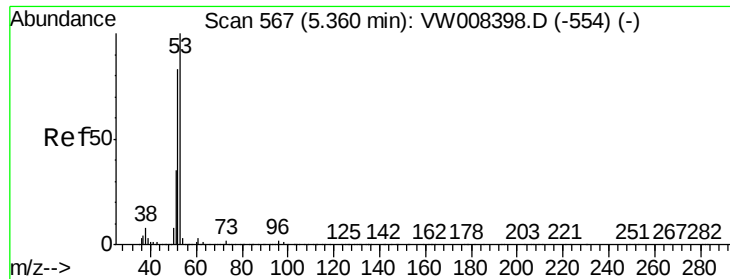
Ion Ratio Lower Upper

41 100

39 75.3 57.7 86.5

76 36.3 26.9 40.3





#15

Acrylonitrile

Concen: 235.318 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

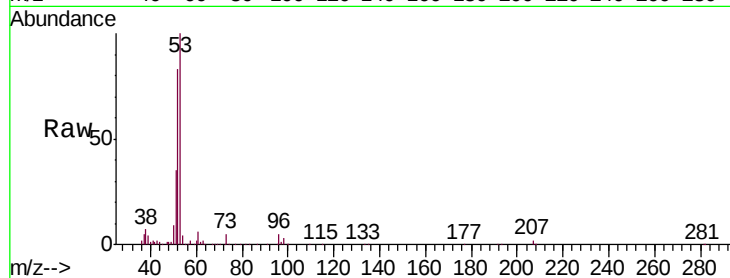
MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 201689

Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.0	100.4
51	37.4	29.8	44.8

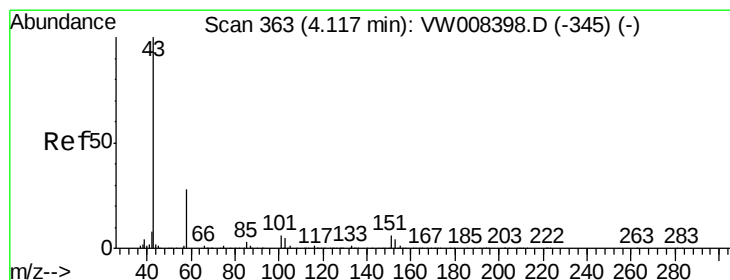
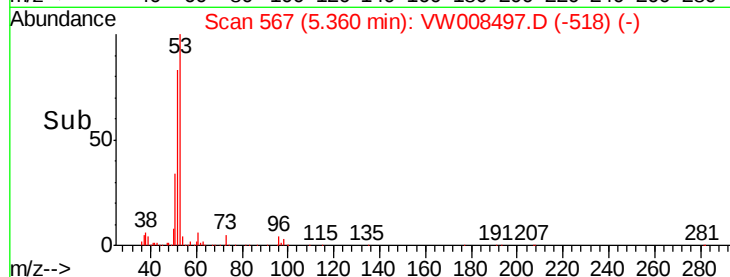
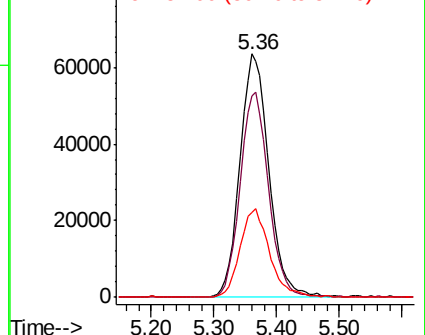


Abundance

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: 262.932 ug/l

RT: 4.13 min Scan# 365

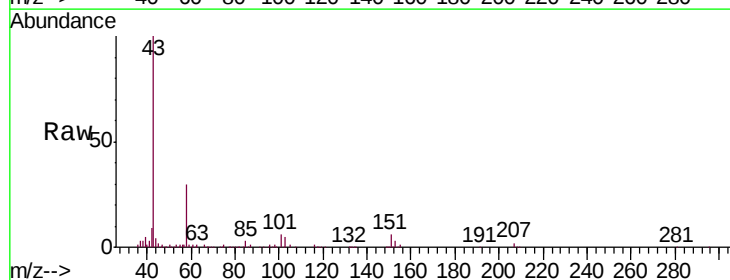
Delta R.T. 0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Tgt Ion: 43 Resp: 230874

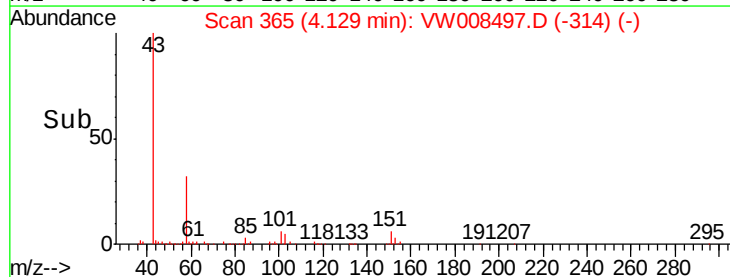
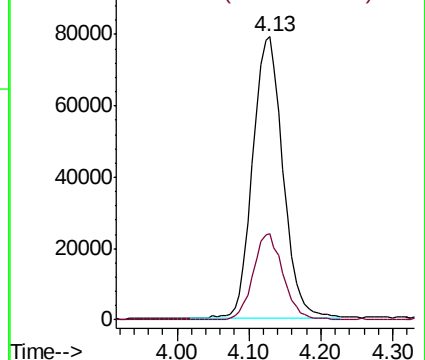
Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.6	34.0

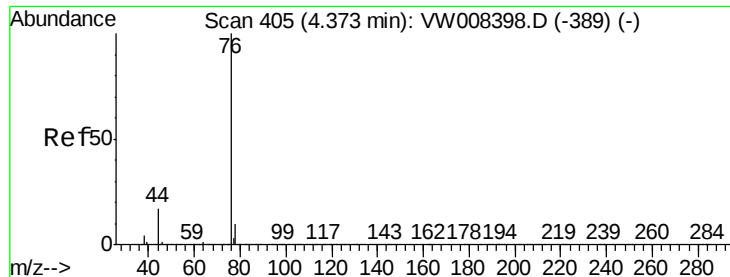


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

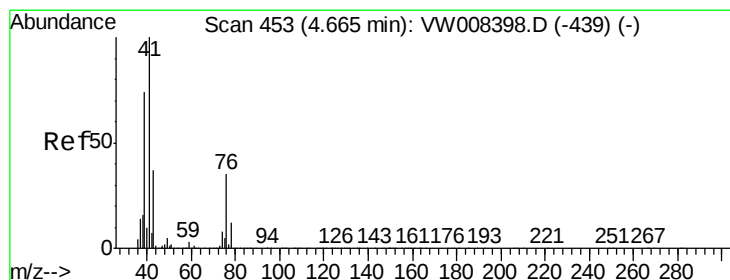
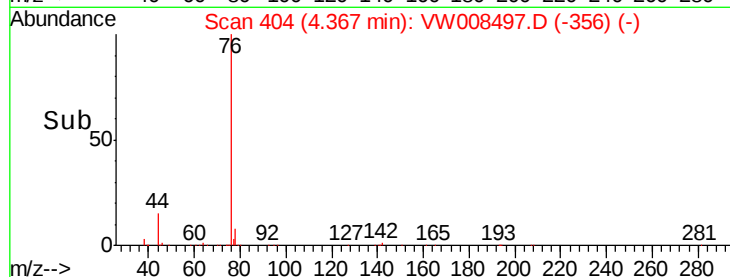
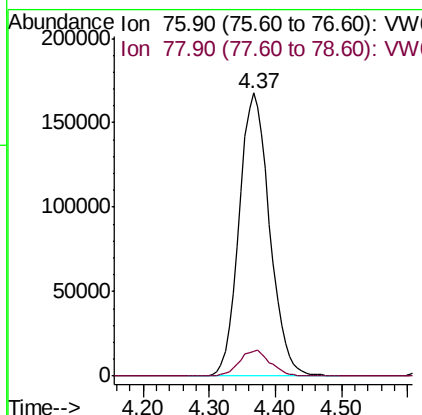
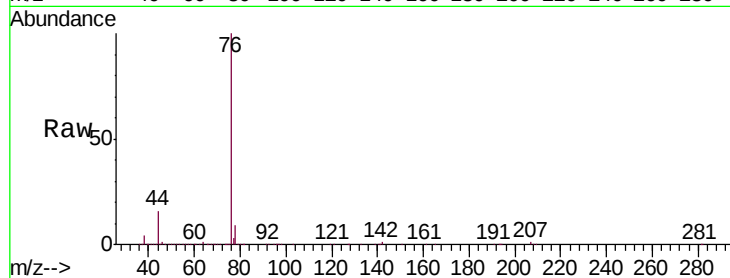




#17
Carbon Disulfide
Concen: 46.187 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

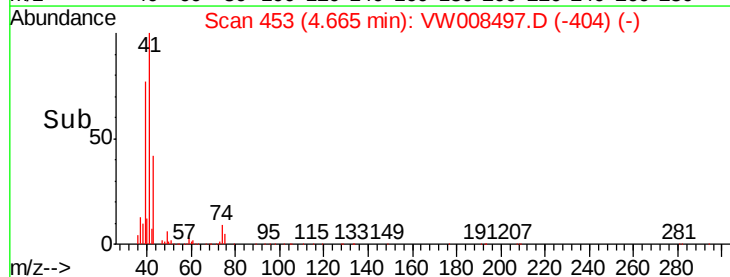
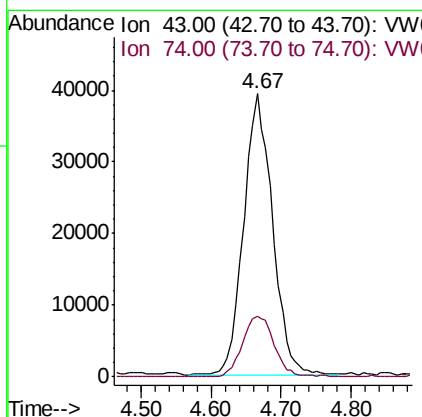
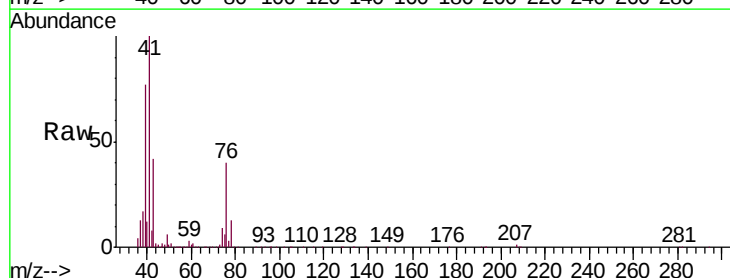
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

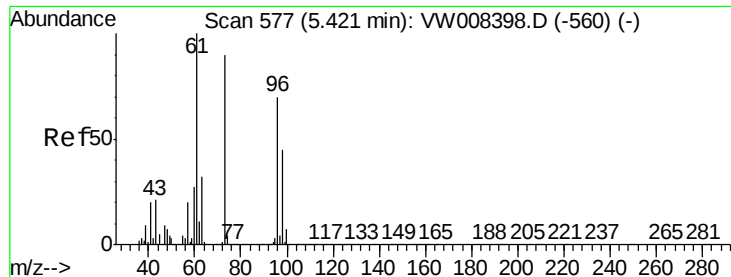
Tgt Ion: 76 Resp: 537400
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#18
Methyl Acetate
Concen: 48.075 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 43 Resp: 112593
Ion Ratio Lower Upper
43 100
74 23.9 17.5 26.3



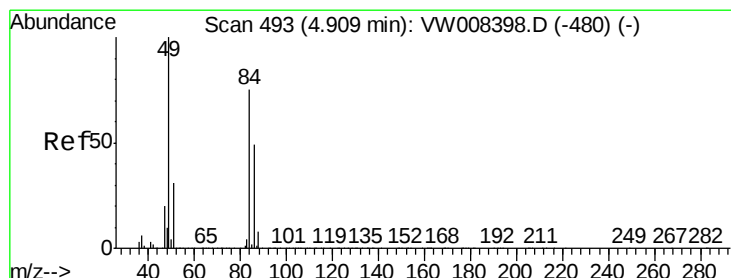
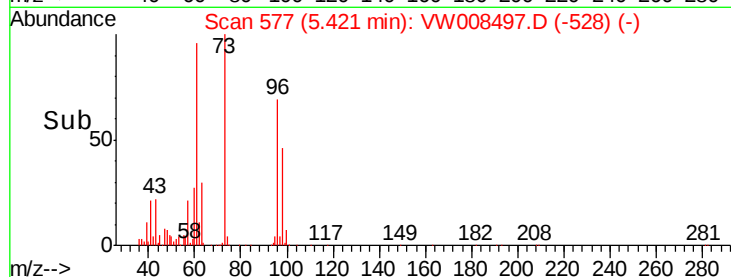
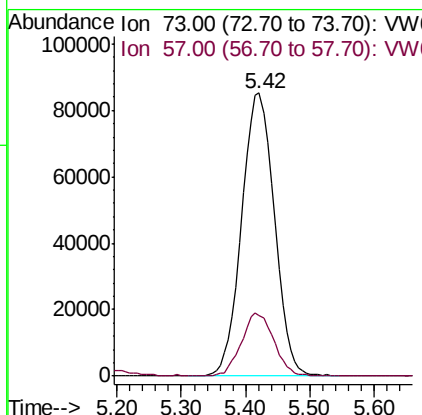
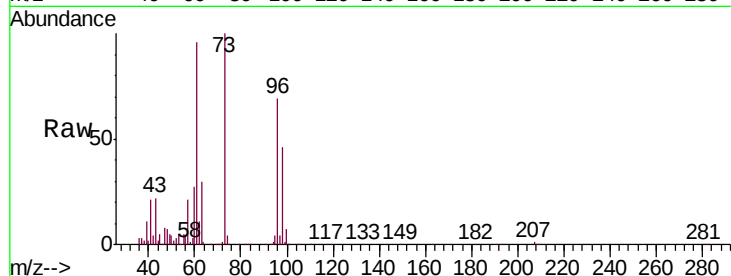


#19

Methyl tert-butyl Ether
 Concen: 49.524 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

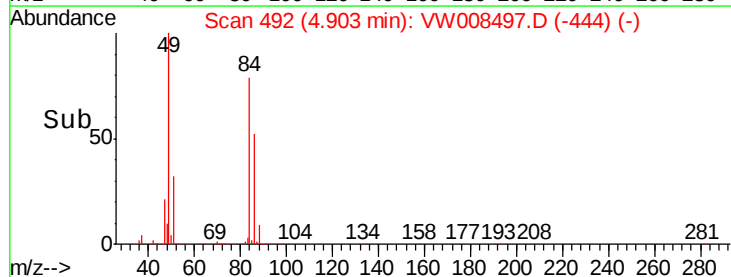
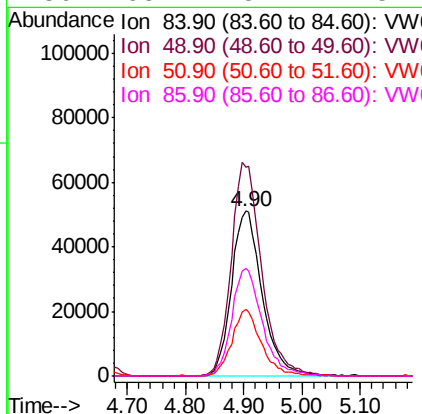
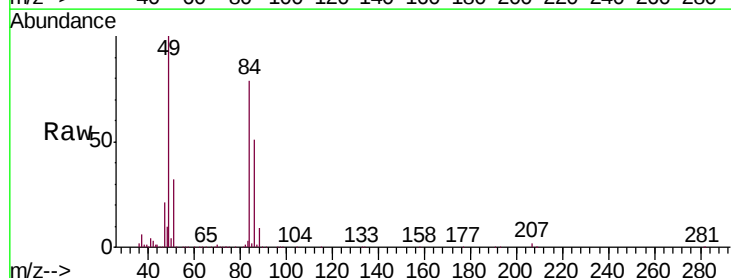
Tgt Ion: 73 Resp: 298517
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.0 27.0

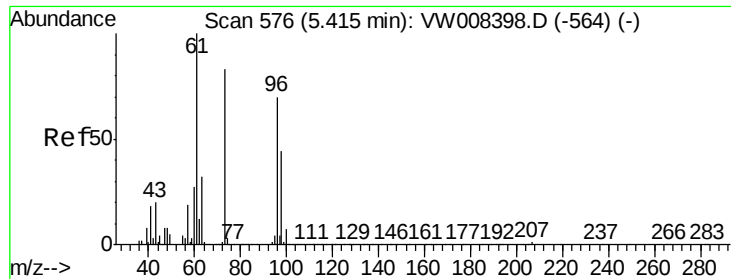


#20

Methylene Chloride
 Concen: 46.201 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion: 84 Resp: 186980
 Ion Ratio Lower Upper
 84 100
 49 126.9 106.8 160.2
 51 40.1 32.9 49.3
 86 65.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 50.854 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

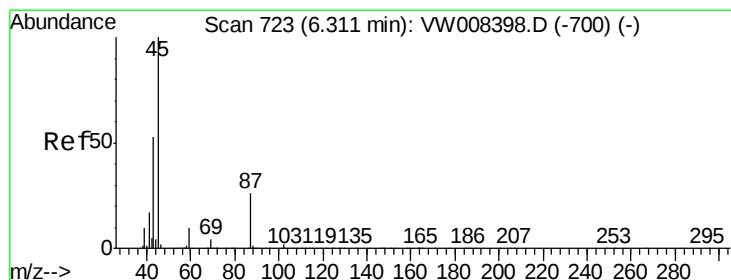
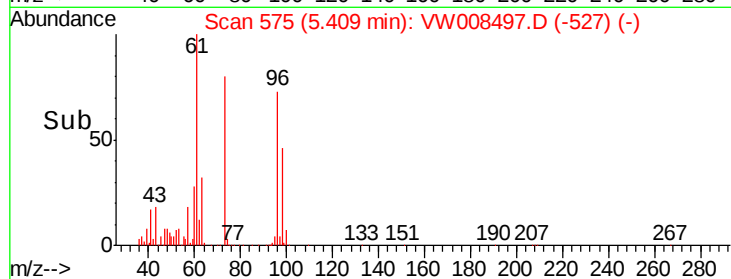
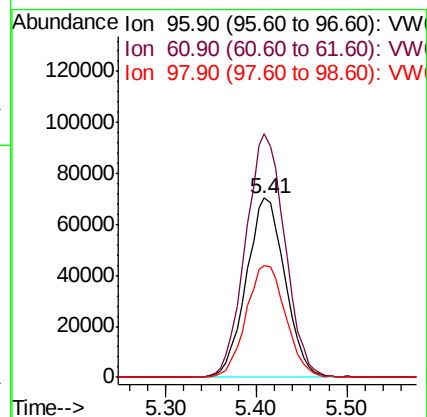
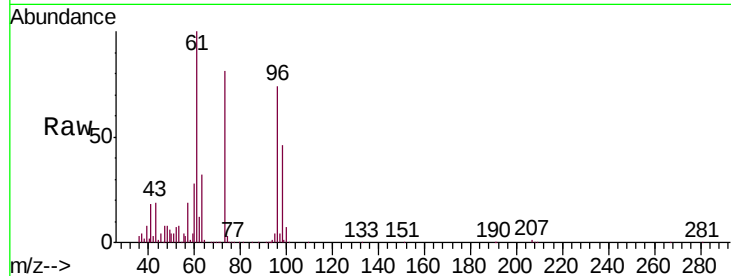
Tgt Ion: 96 Resp: 208284

Ion Ratio Lower Upper

96 100

61 135.9 114.4 171.6

98 62.4 50.6 75.8



#22

Diisopropyl ether

Concen: 46.578 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Tgt Ion: 45 Resp: 610687

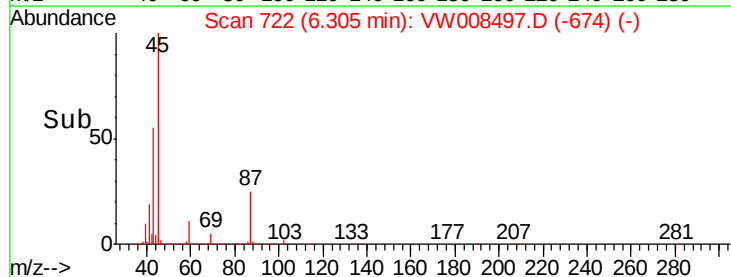
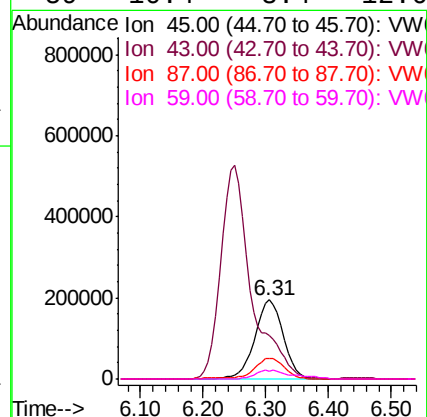
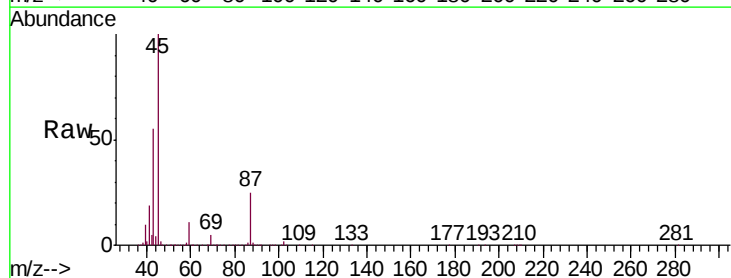
Ion Ratio Lower Upper

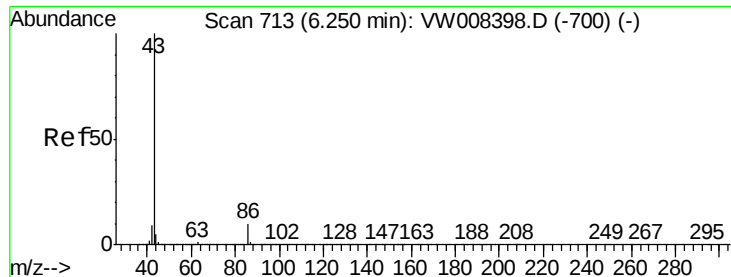
45 100

43 54.6 42.6 63.8

87 25.2 20.3 30.5

59 10.4 8.4 12.6





#23

Vinyl Acetate

Concen: 229.421 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

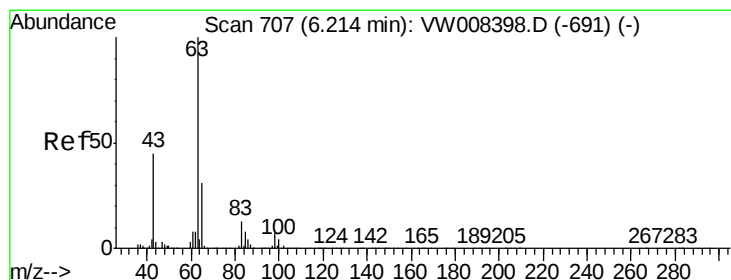
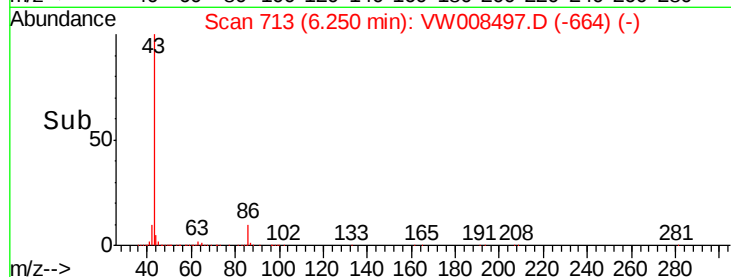
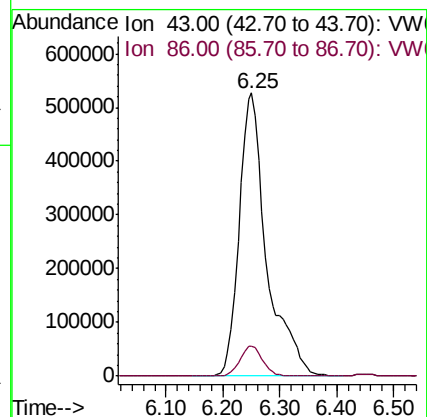
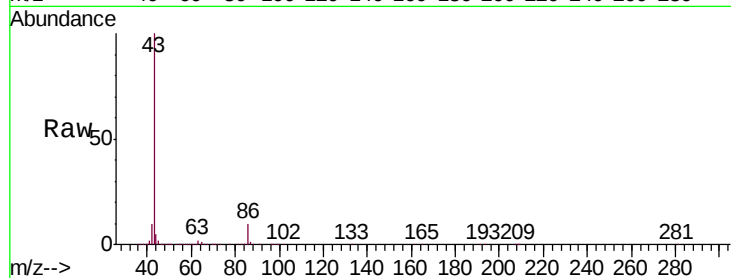
VSTDCCC050

Tgt Ion: 43 Resp: 1776126

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 49.742 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

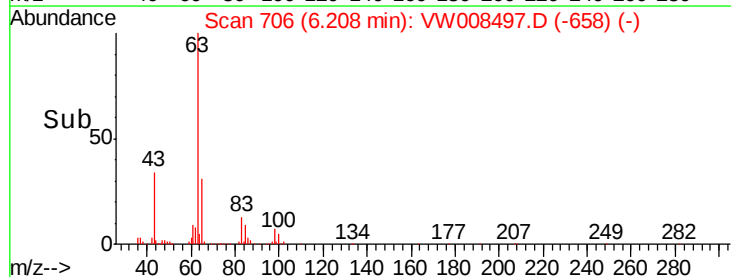
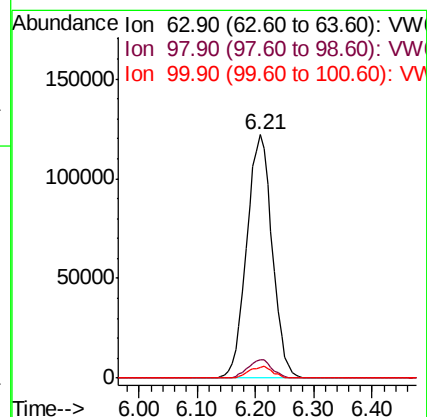
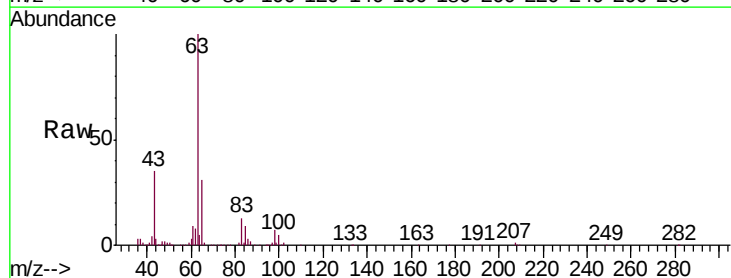
Tgt Ion: 63 Resp: 369152

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 242.266 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

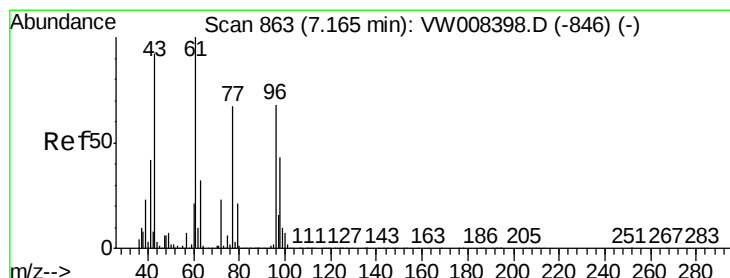
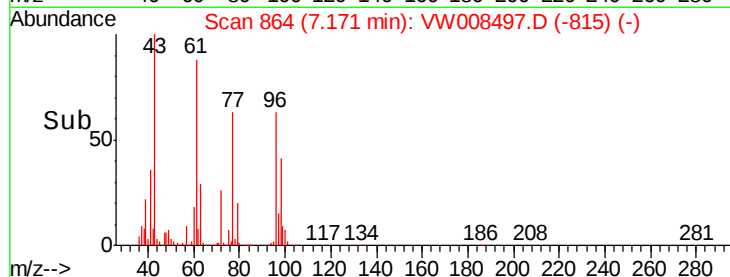
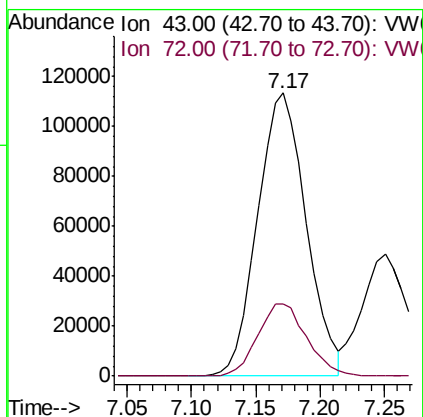
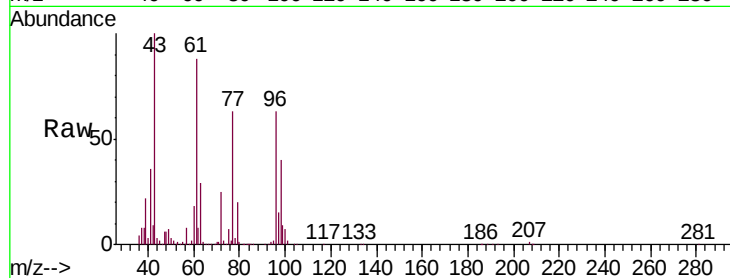
VSTDCCC050

Tgt Ion: 43 Resp: 295475

Ion Ratio Lower Upper

43 100

72 25.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 50.461 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008497.D

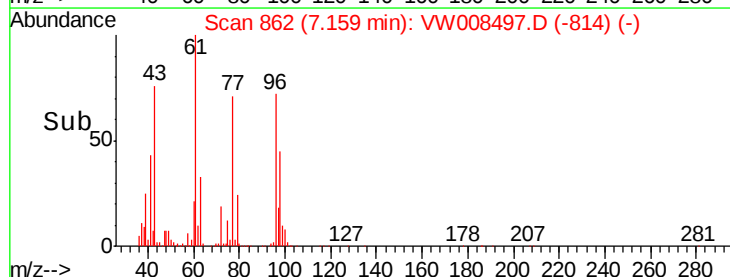
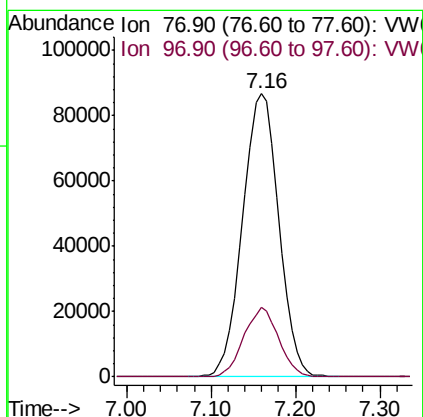
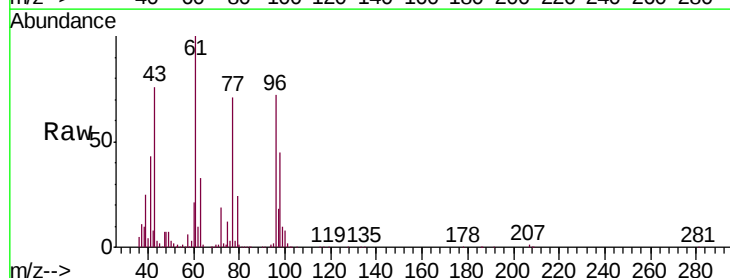
Acq: 04 Feb 2019 10:07

Tgt Ion: 77 Resp: 253135

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



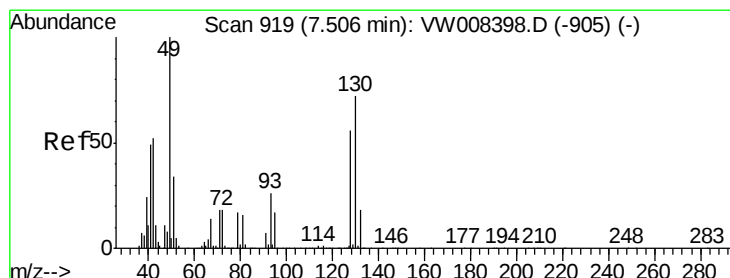
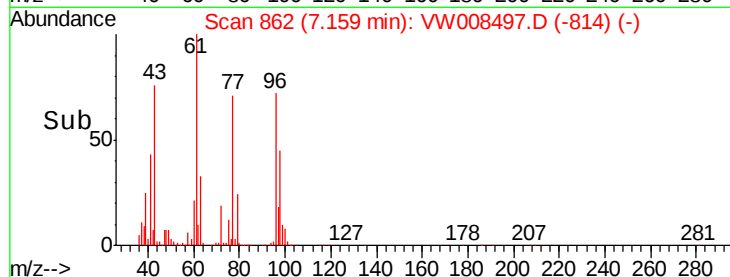
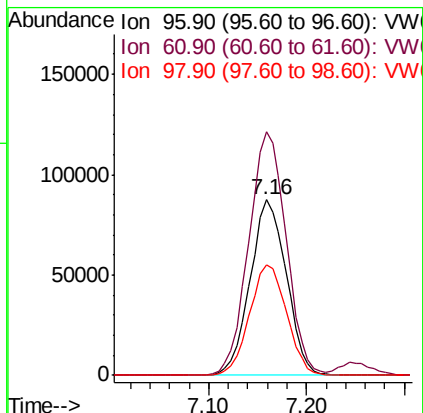
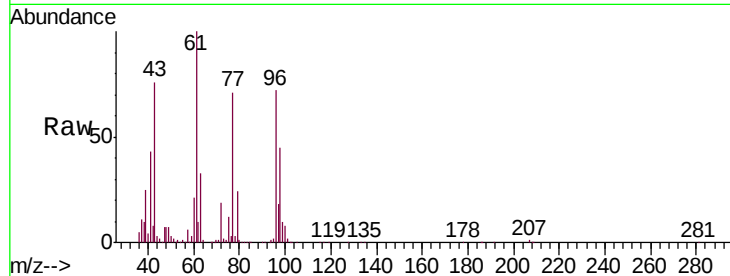


#27

cis-1,2-Dichloroethene
Concen: 50.195 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

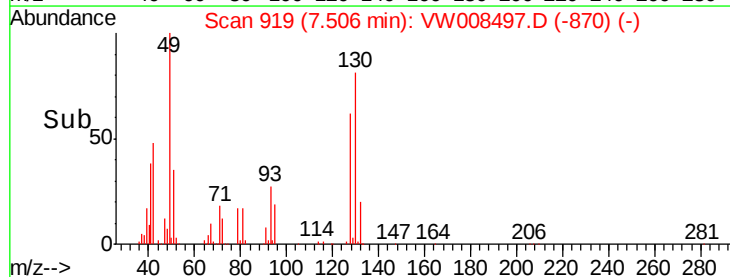
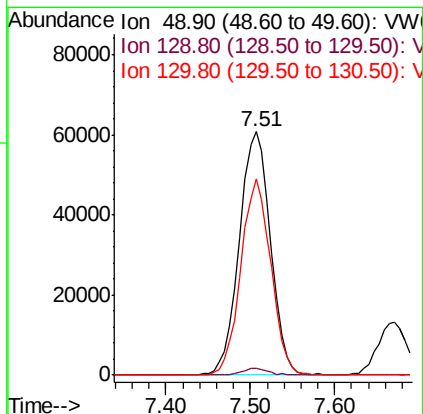
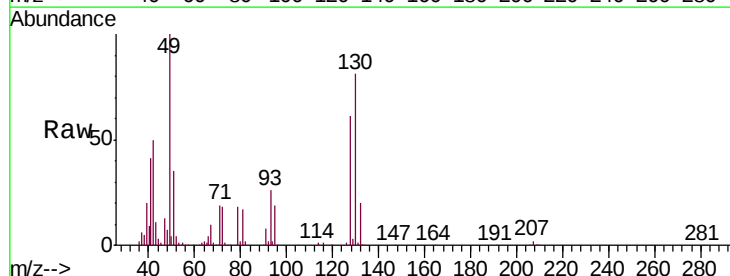
Tgt Ion: 96 Resp: 224054
Ion Ratio Lower Upper
96 100
61 143.8 0.0 292.8
98 64.9 0.0 129.2

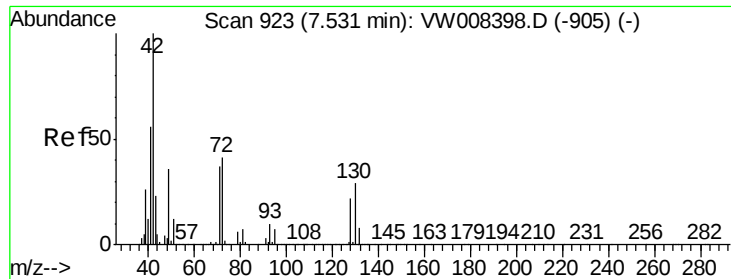


#28

Bromochloromethane
Concen: 44.483 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 49 Resp: 151627
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 77.7 58.6 87.8





#29

Tetrahydrofuran

Concen: 219.755 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

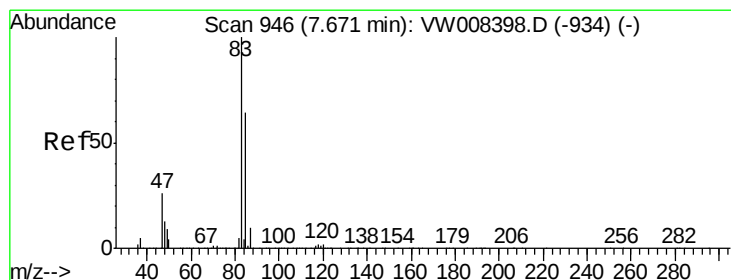
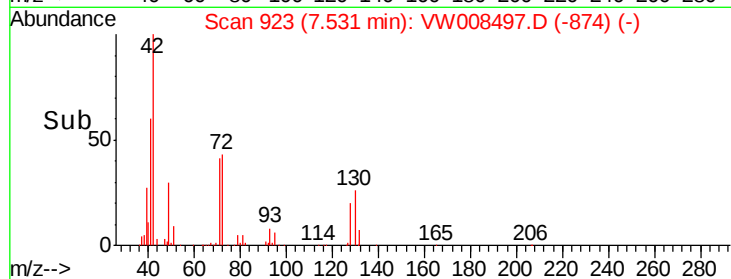
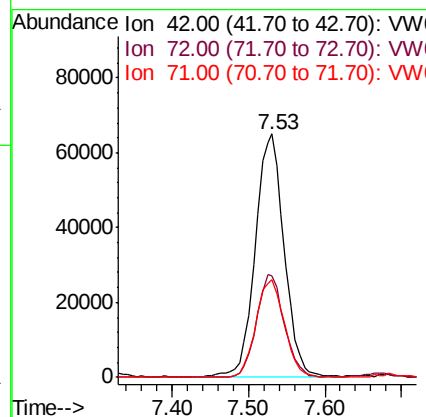
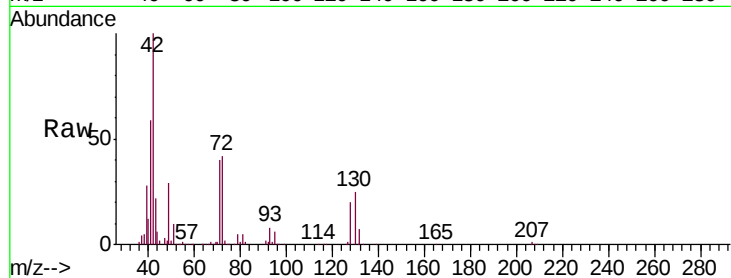
Tgt Ion: 42 Resp: 169844

Ion Ratio Lower Upper

42 100

72 40.9 31.9 47.9

71 40.2 29.9 44.9



#30

Chloroform

Concen: 50.404 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW008497.D

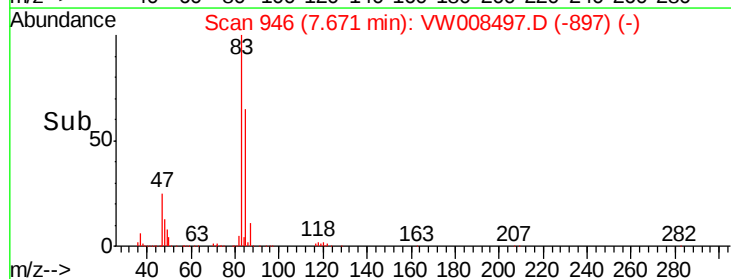
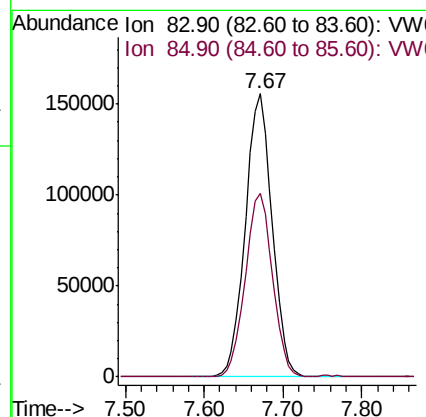
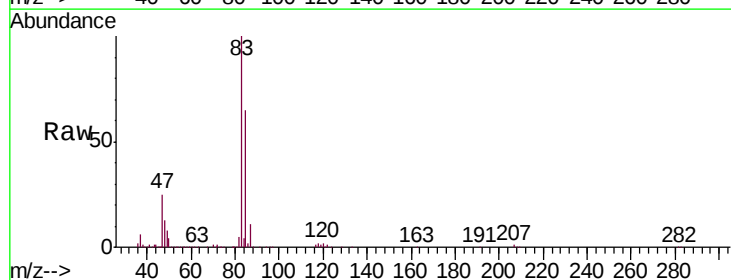
Acq: 04 Feb 2019 10:07

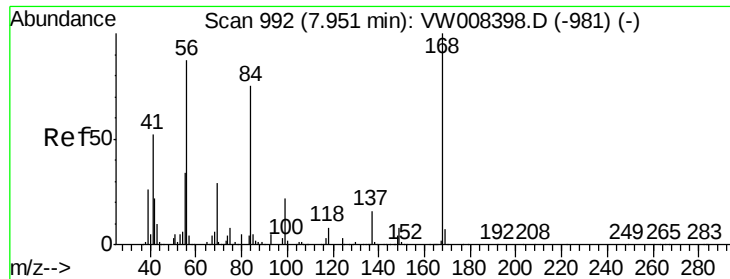
Tgt Ion: 83 Resp: 367928

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

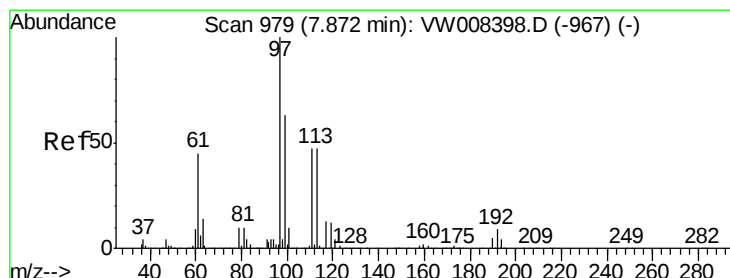
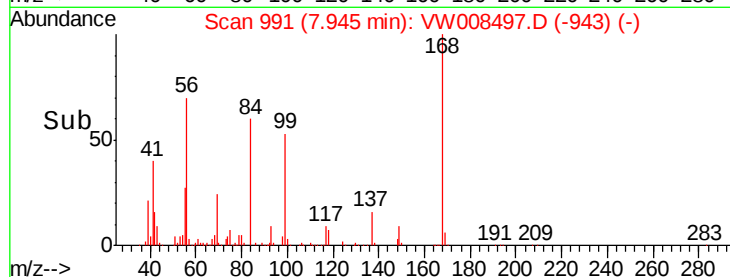
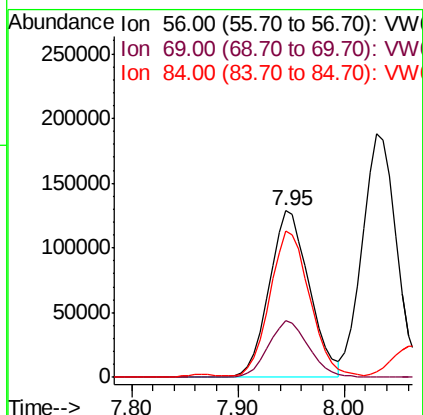
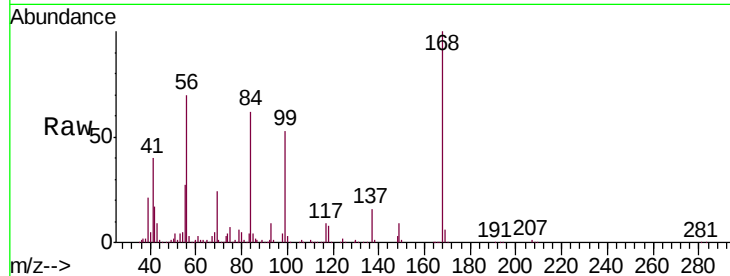




#31
Cyclohexane
Concen: 43.789 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

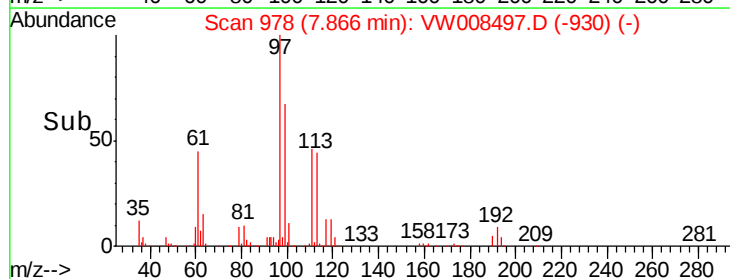
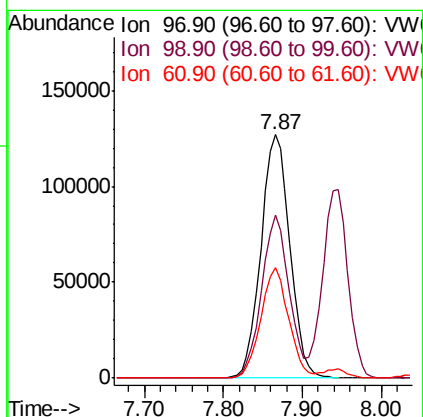
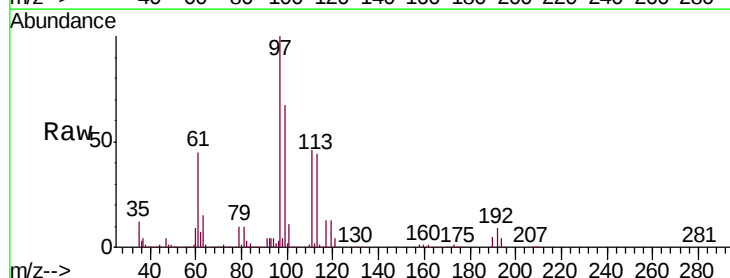
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

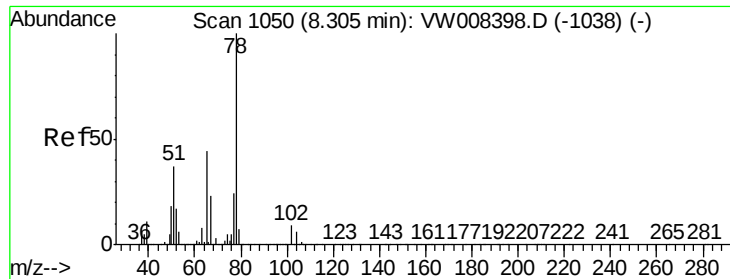
Tgt Ion: 56 Resp: 336033
Ion Ratio Lower Upper
56 100
69 33.9 26.4 39.6
84 87.0 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 51.168 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 97 Resp: 322610
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.8 36.2 54.4

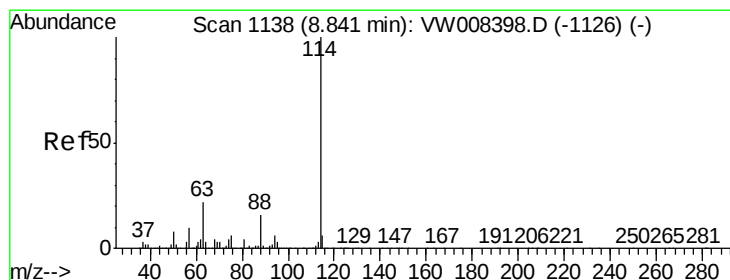
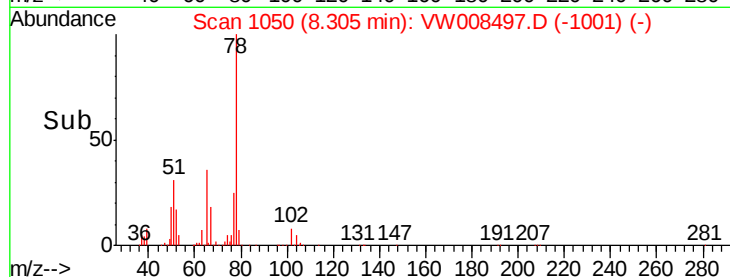
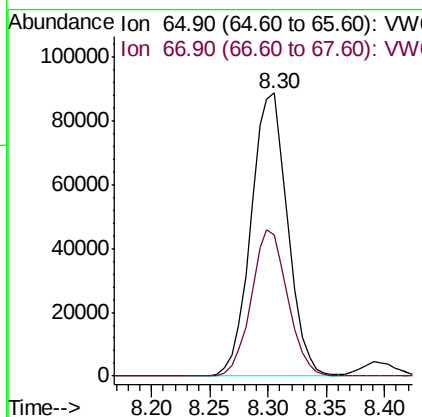
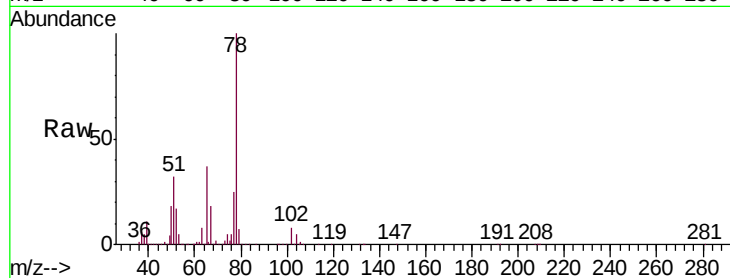




#33
 1,2-Dichloroethane-d4
 Concen: 49.833 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

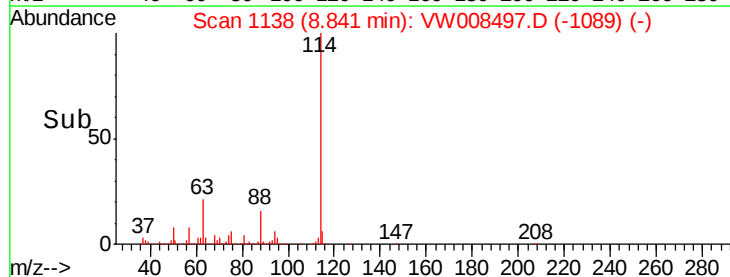
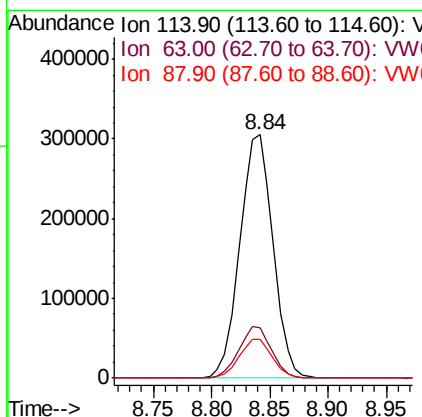
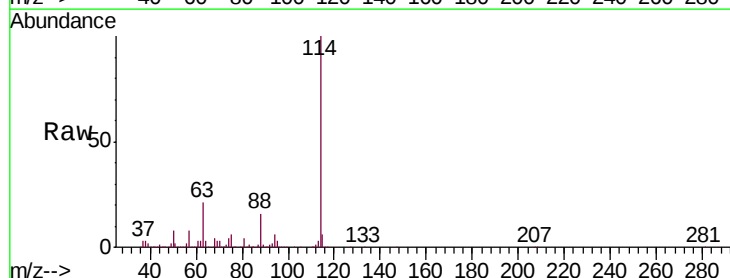
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

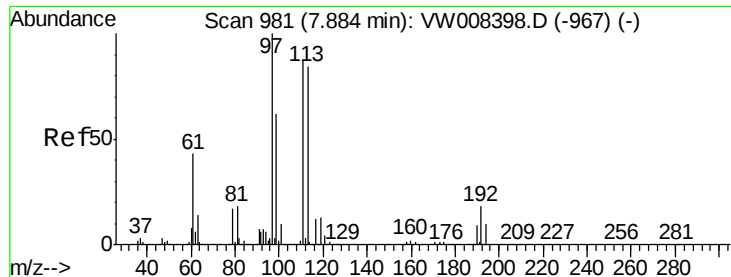
Tgt Ion: 65 Resp: 194851
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion: 114 Resp: 606663
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.7 0.0 31.8

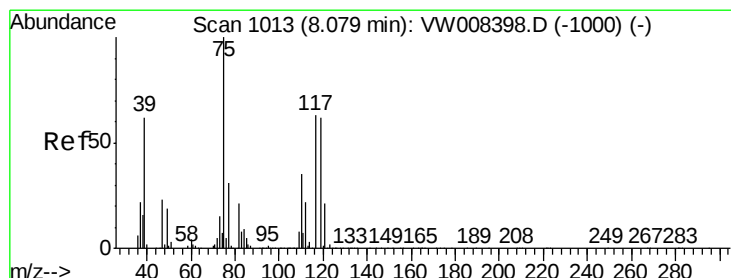
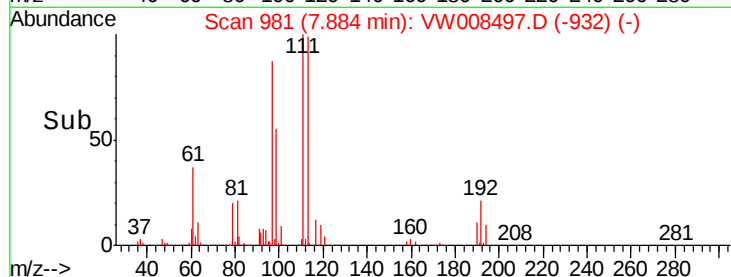
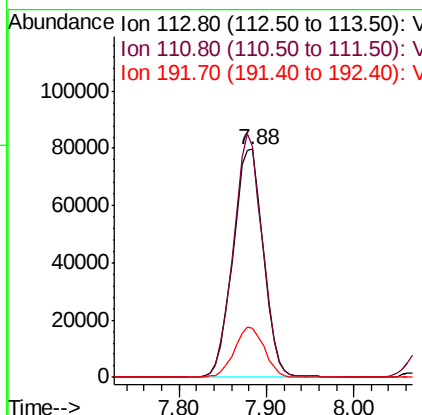
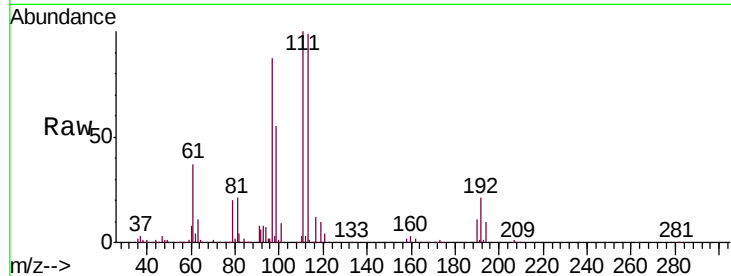




#35
 Dibromofluoromethane
 Concen: 54.228 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

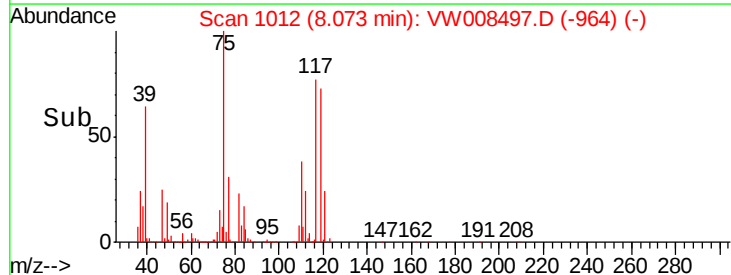
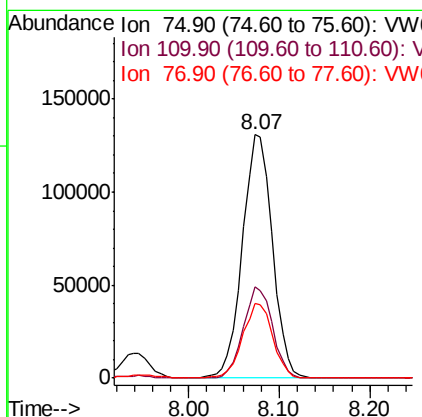
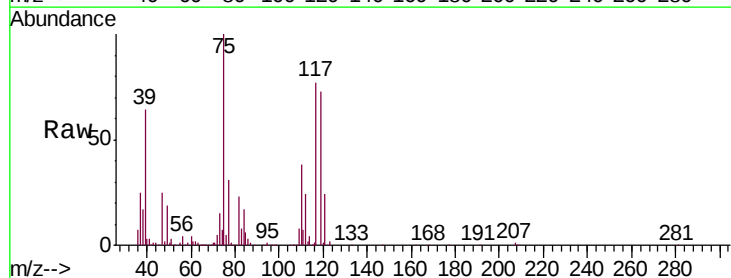
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

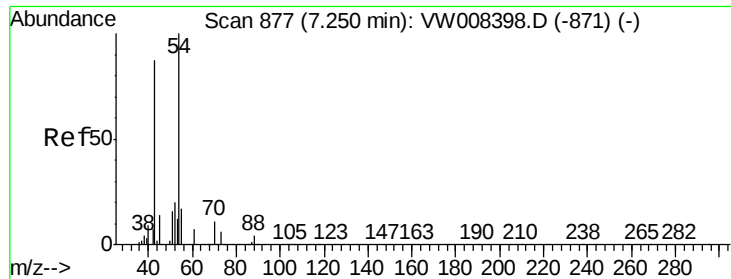
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.7	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 52.213 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.3	52.0
77	30.7	24.7	37.1

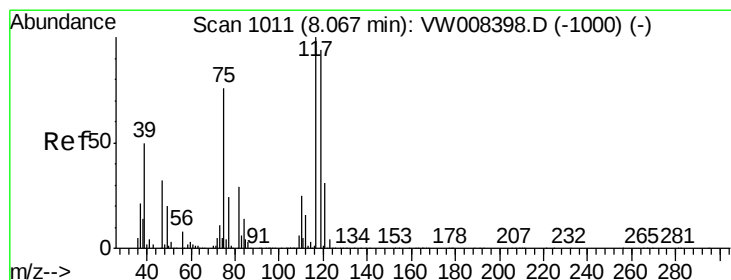
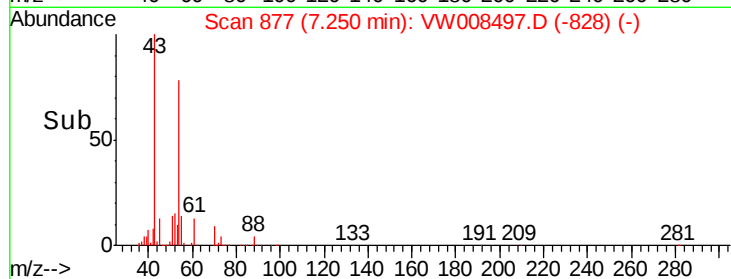
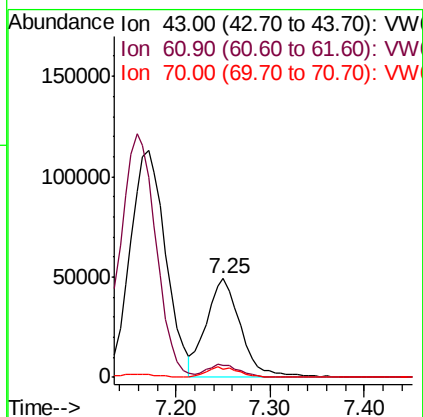
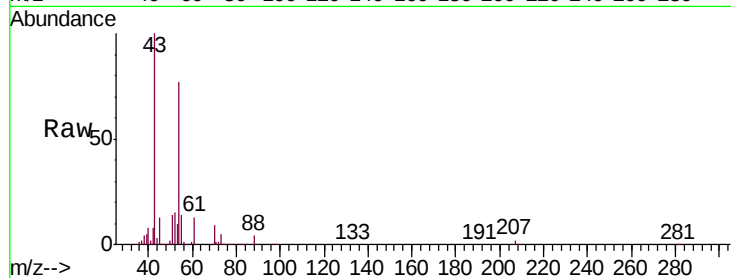




#37
Ethyl Acetate
Concen: 48.271 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

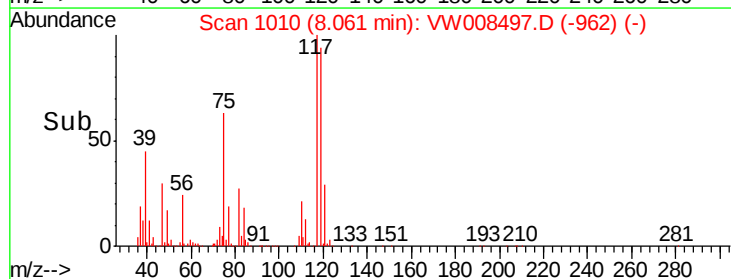
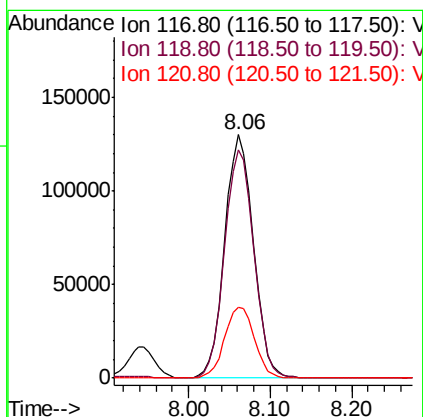
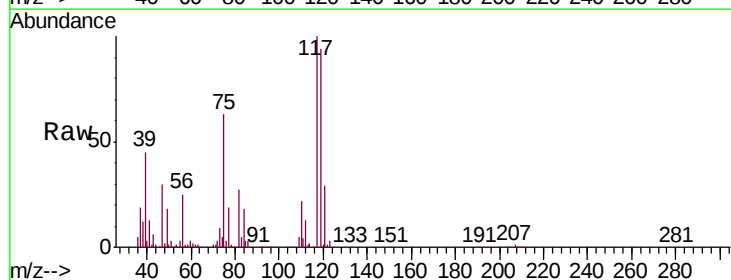
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

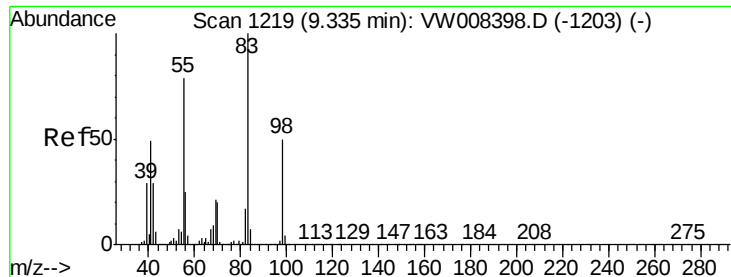
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.1	15.1
70	10.2	7.8	11.6



#38
Carbon Tetrachloride
Concen: 54.820 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.4
121	29.3	24.9	37.3

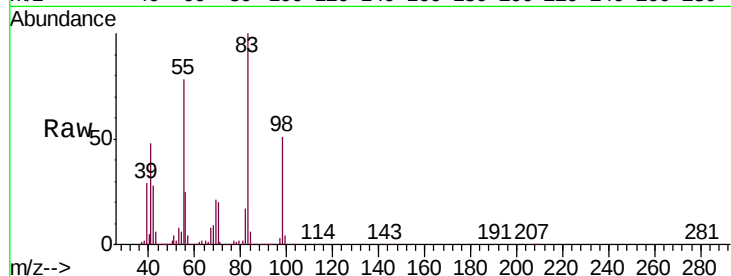




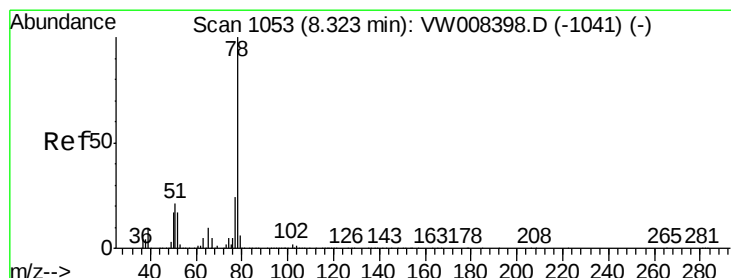
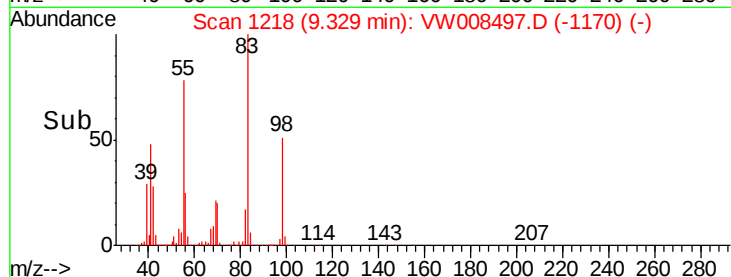
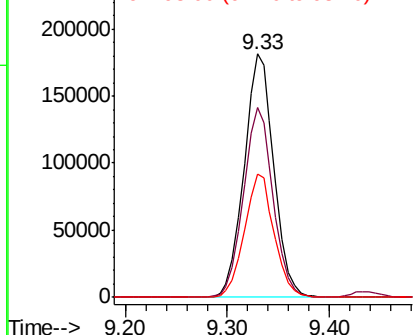
#39
Methylcyclohexane
Concen: 48.658 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 366308
Ion Ratio Lower Upper
83 100
55 78.0 63.3 94.9
98 50.6 39.7 59.5

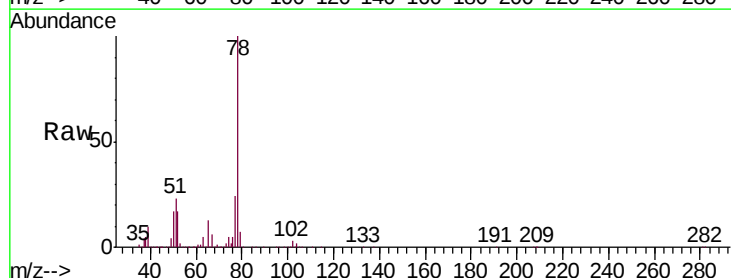


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

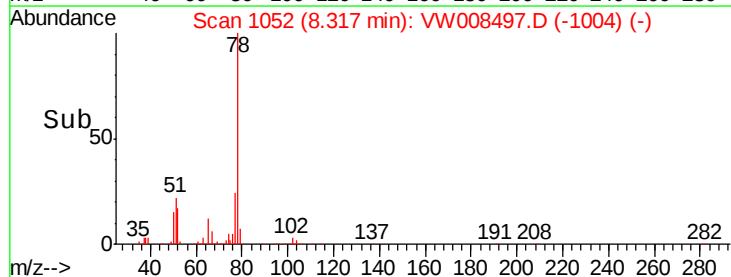
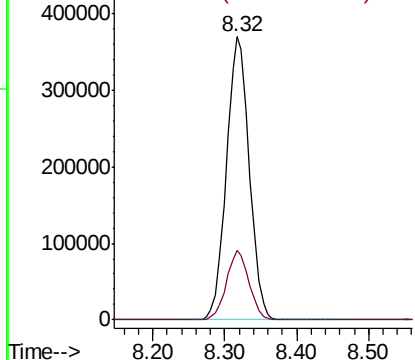


#40
Benzene
Concen: 51.048 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 78 Resp: 811743
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



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

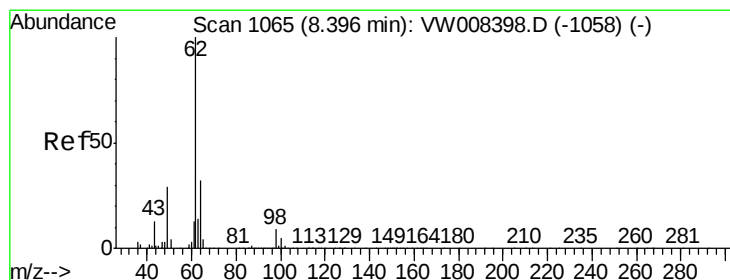
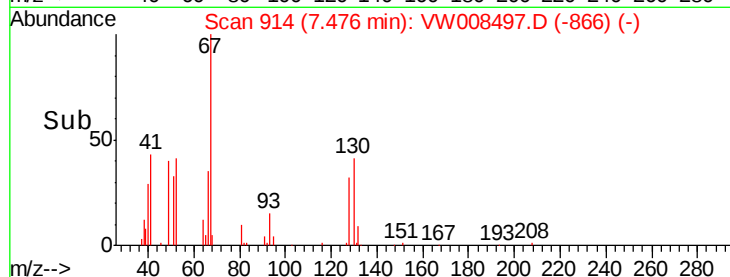
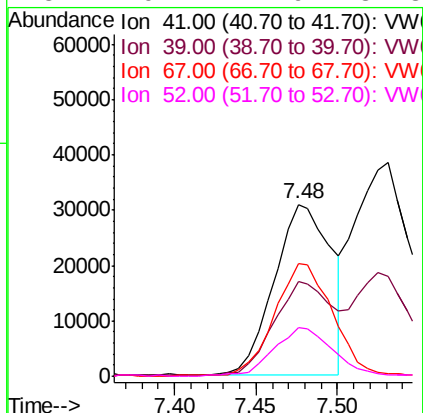
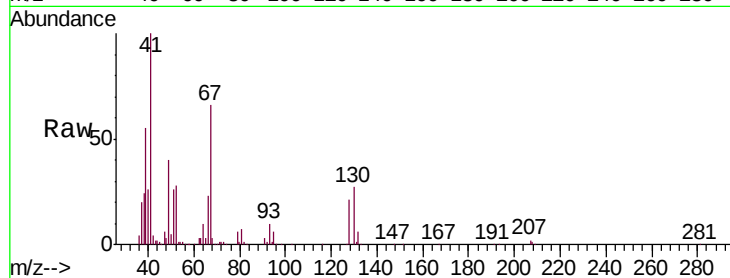




#41
Methacrylonitrile
Concen: 49.526 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

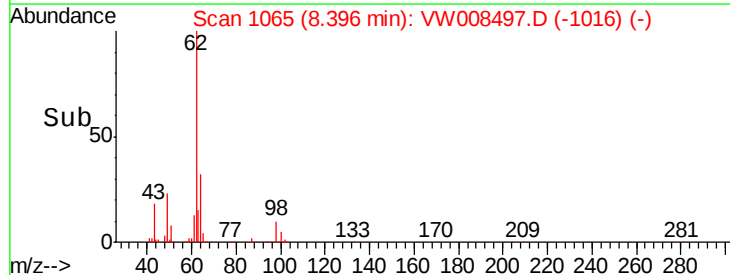
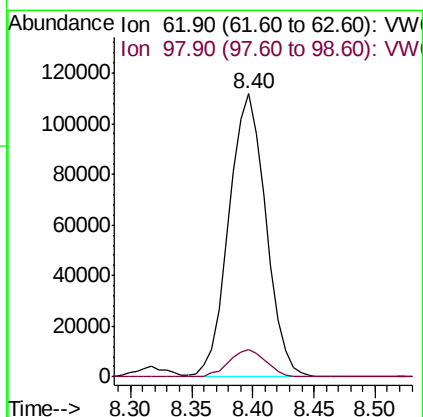
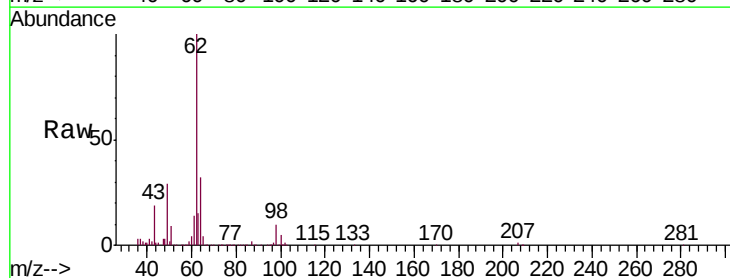
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

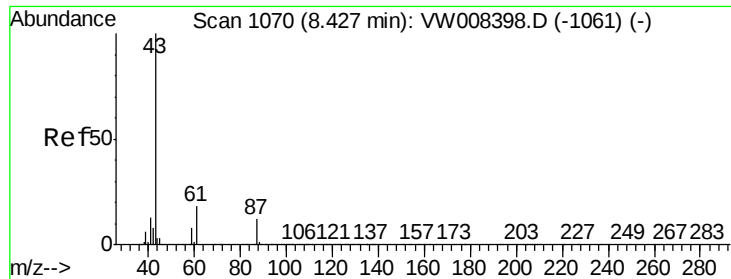
Tgt Ion:	41	Resp:	74350
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.4	65.0
67	67.7	54.2	81.2
52	29.4	22.9	34.3



#42
1,2-Dichloroethane
Concen: 50.779 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion:	62	Resp:	234004
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 47.182 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

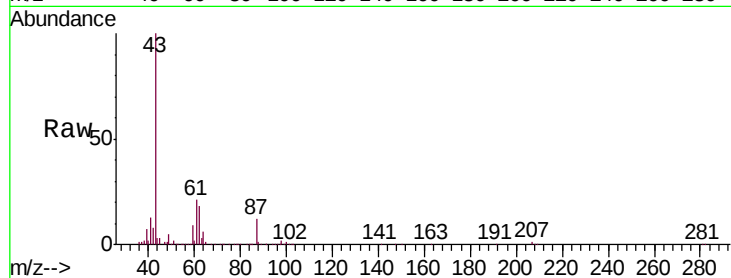
Tgt Ion: 43 Resp: 248526

Ion Ratio Lower Upper

43 100

61 29.7 22.0 33.0

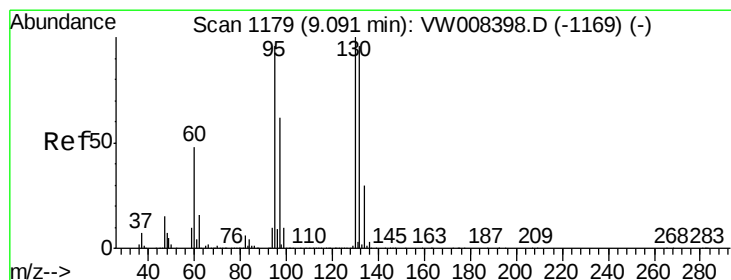
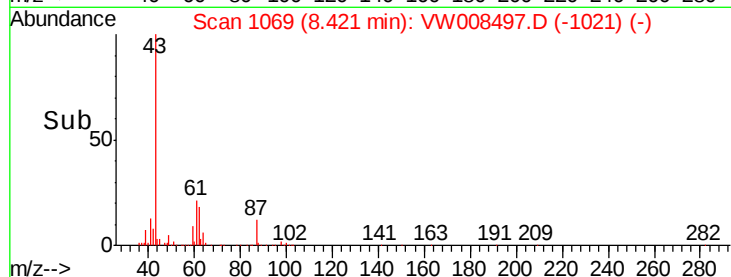
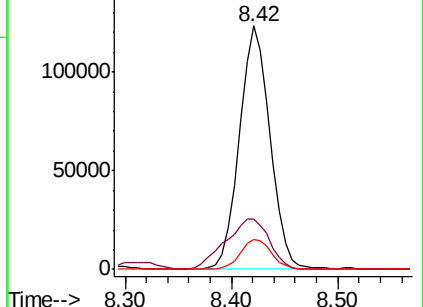
87 12.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.910 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008497.D

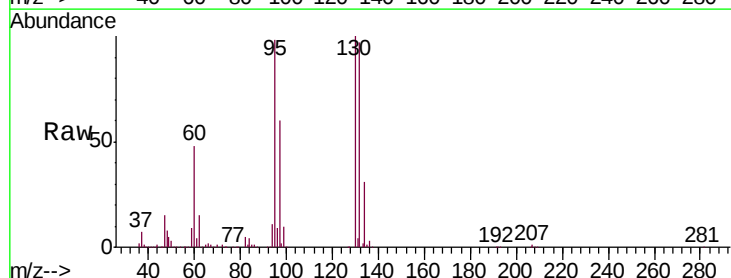
Acq: 04 Feb 2019 10:07

Tgt Ion: 130 Resp: 233120

Ion Ratio Lower Upper

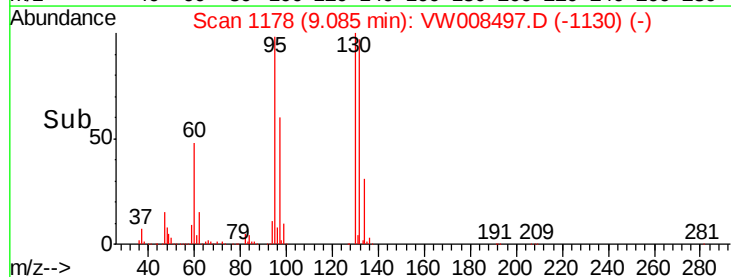
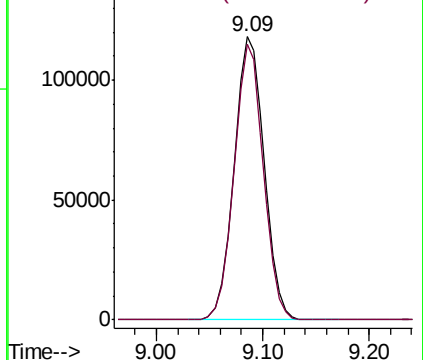
130 100

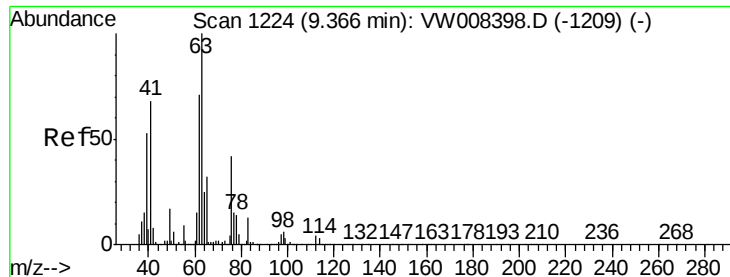
95 97.6 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.431 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampled :

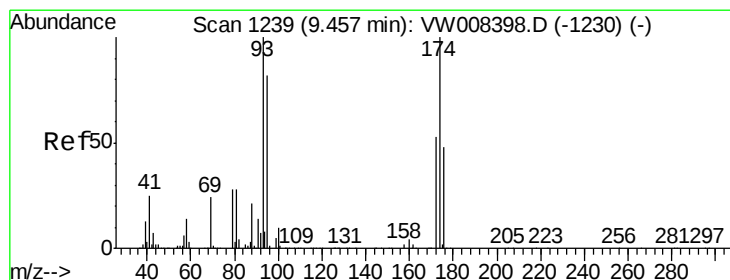
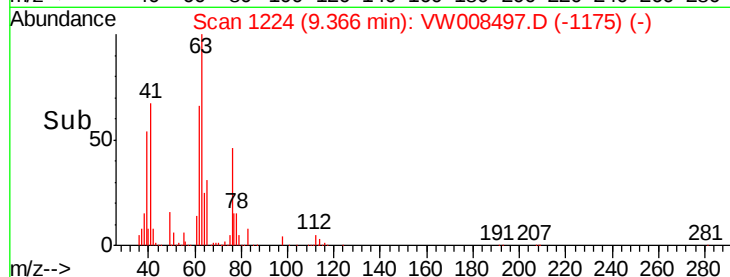
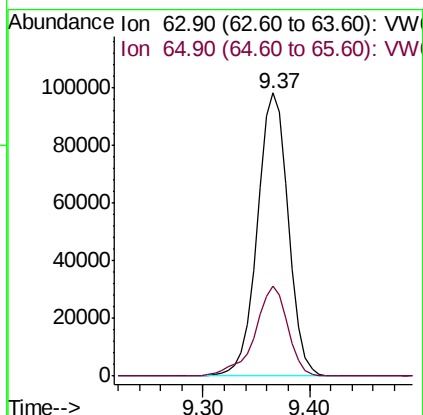
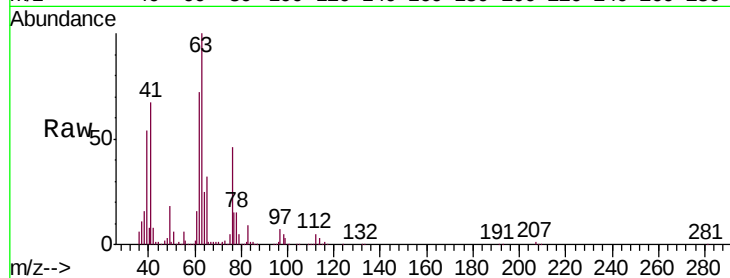
VSTDCCC050

Tgt Ion: 63 Resp: 199953

Ion Ratio Lower Upper

63 100

65 31.6 25.2 37.8



#46

Dibromomethane

Concen: 50.644 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

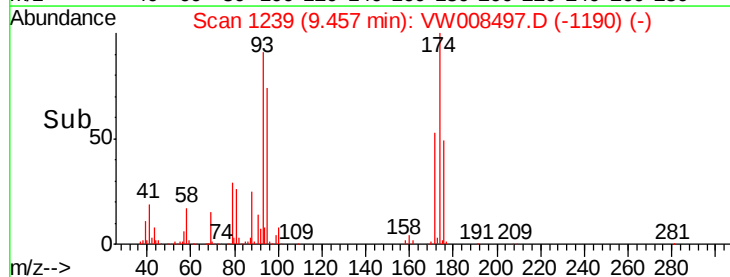
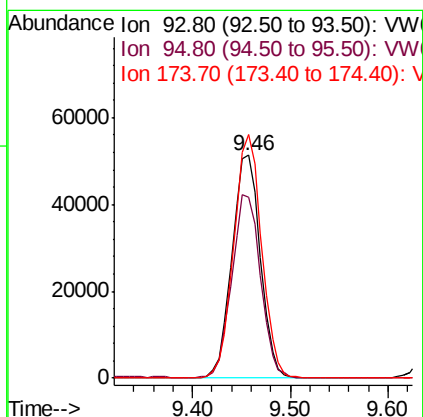
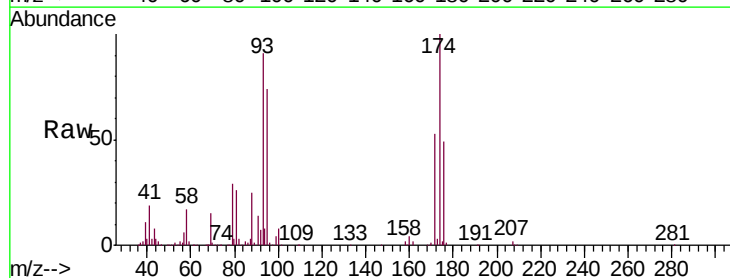
Tgt Ion: 93 Resp: 103279

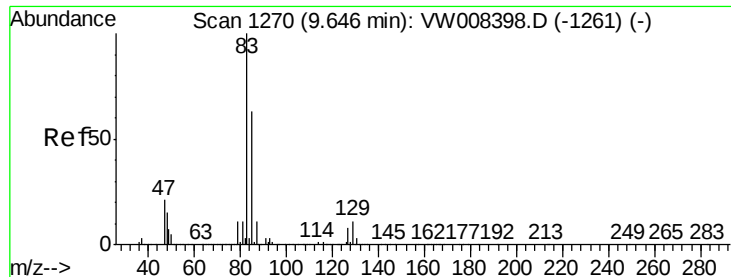
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 107.6 81.0 121.6





#47

Bromodichloromethane

Concen: 52.002 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

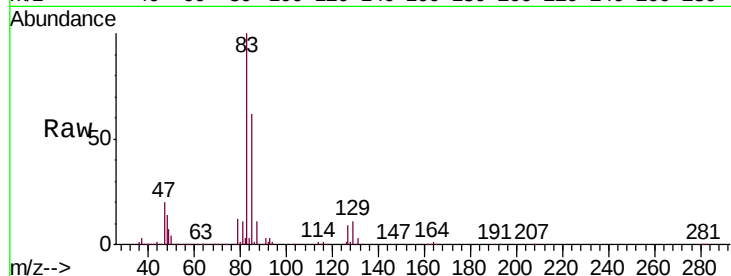
Tgt Ion: 83 Resp: 280499

Ion Ratio Lower Upper

83 100

85 61.6 50.8 76.2

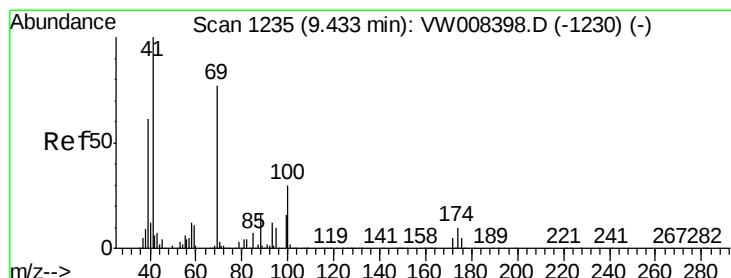
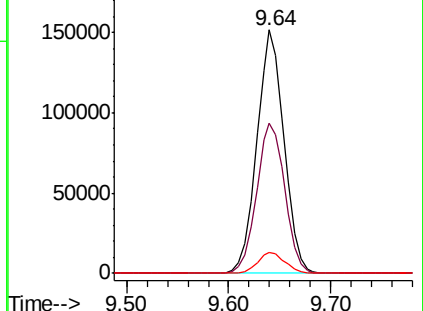
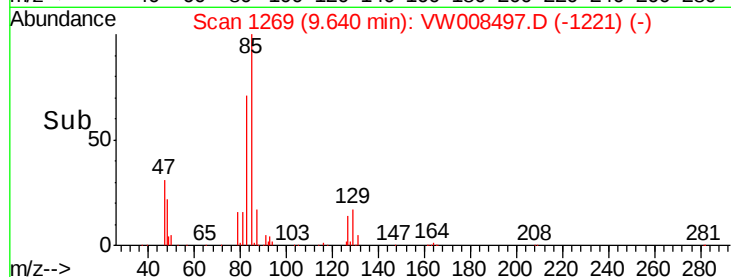
127 8.6 6.8 10.2



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): VW



#48

Methyl methacrylate

Concen: 45.365 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

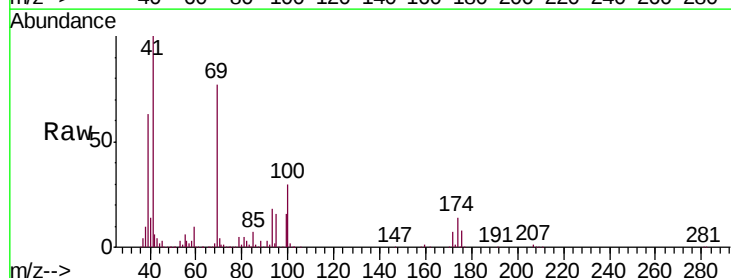
Tgt Ion: 41 Resp: 116838

Ion Ratio Lower Upper

41 100

69 83.7 64.8 97.2

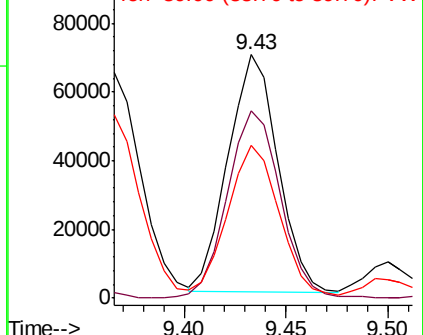
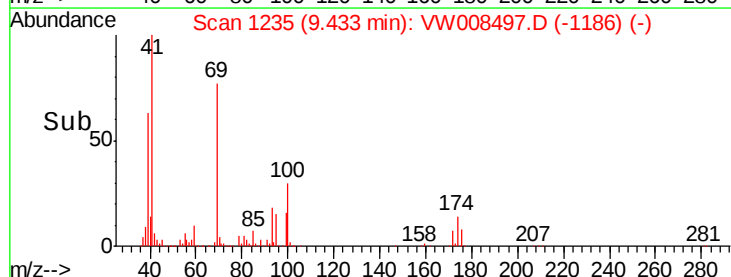
39 64.1 49.1 73.7

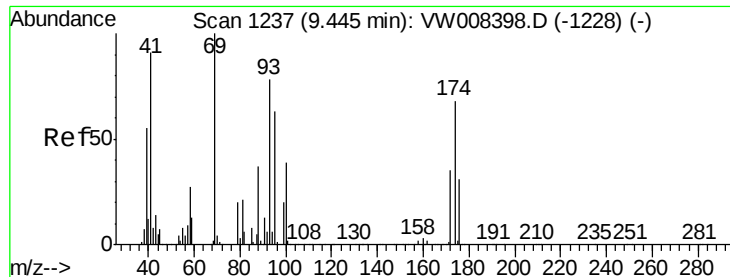


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 941.504 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

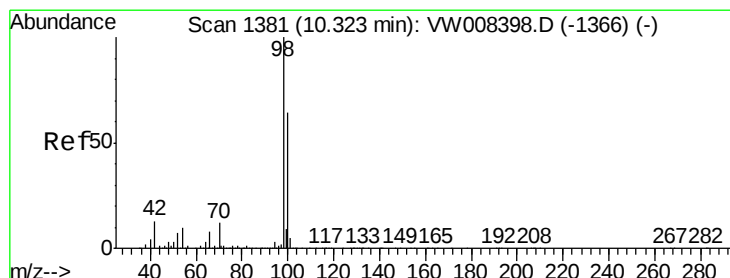
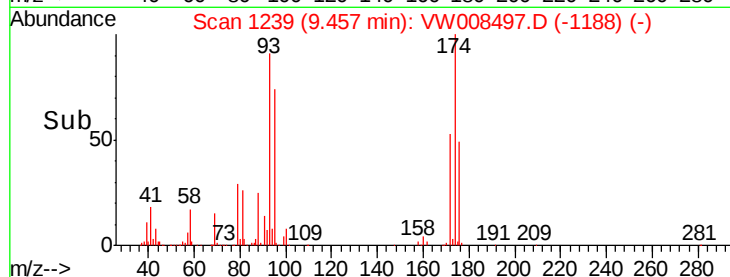
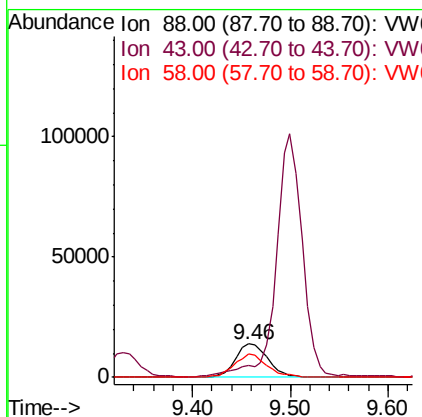
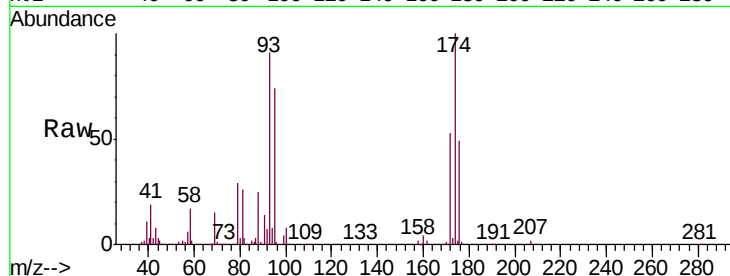
Tgt Ion: 88 Resp: 32454

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 70.2 56.4 84.6



#50

Toluene-d8

Concen: 52.263 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008497.D

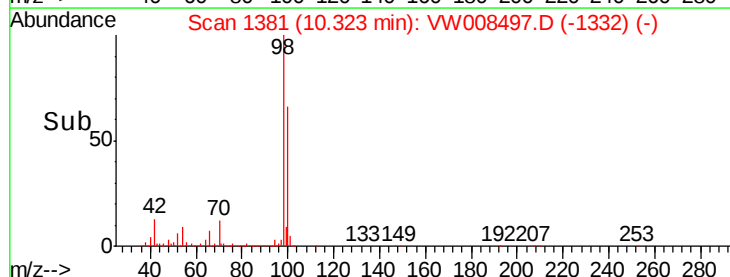
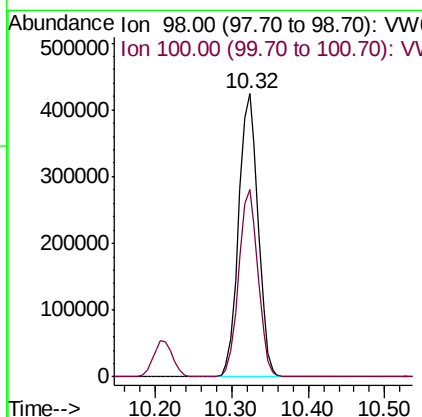
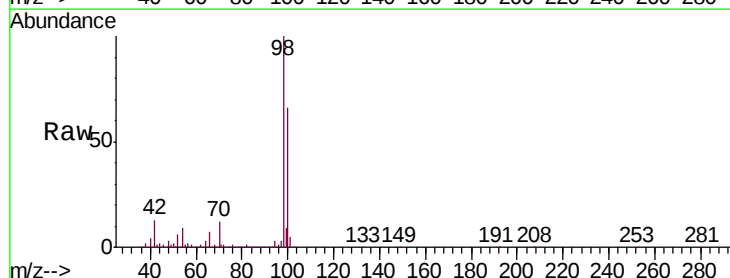
Acq: 04 Feb 2019 10:07

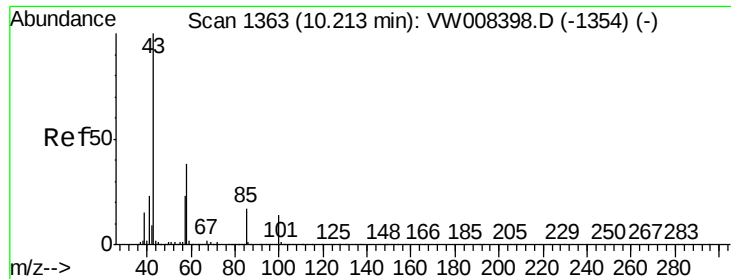
Tgt Ion: 98 Resp: 743443

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

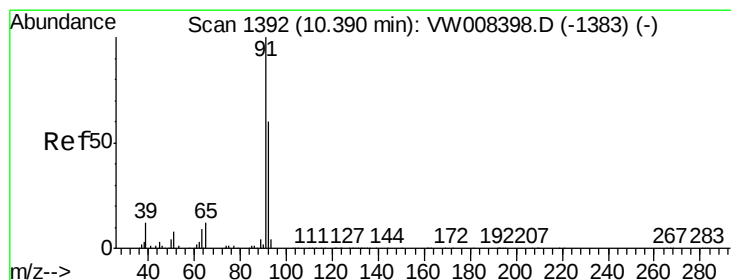
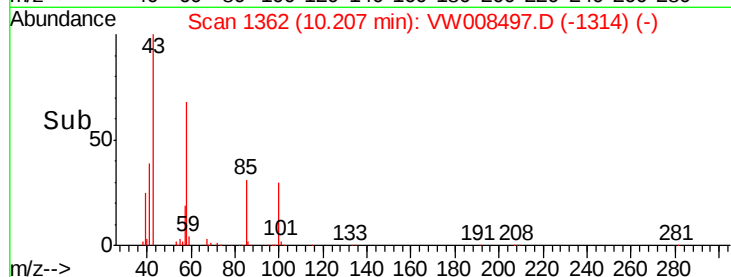
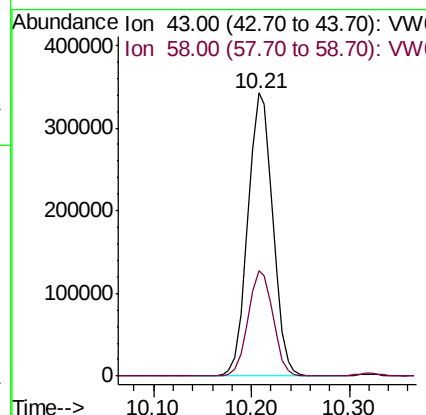
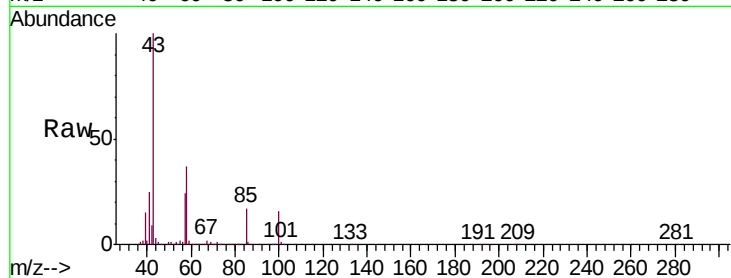




#51
 4-Methyl-2-Pentanone
 Concen: 232.100 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

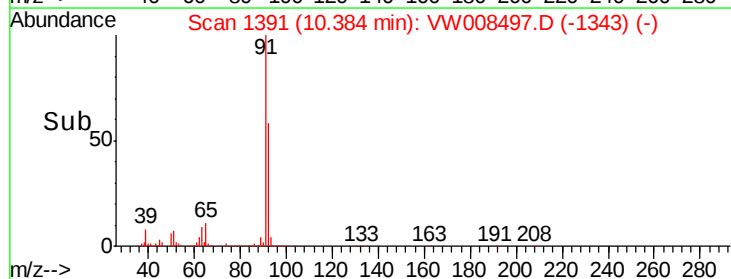
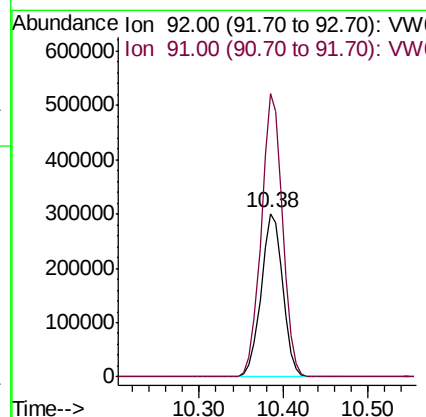
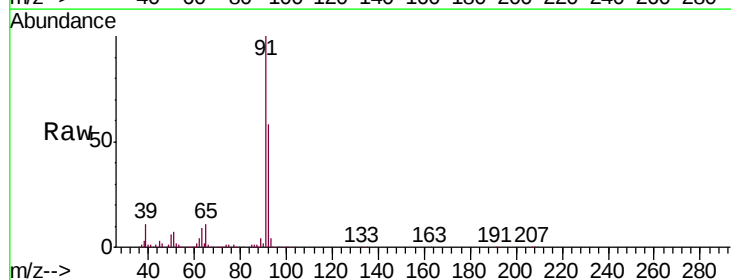
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

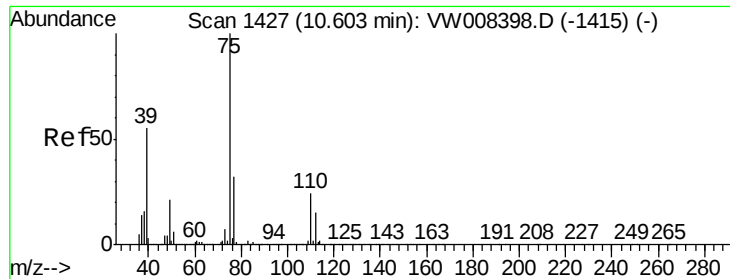
Tgt Ion: 43 Resp: 603978
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.7 44.5



#52
 Toluene
 Concen: 50.094 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion: 92 Resp: 525834
 Ion Ratio Lower Upper
 92 100
 91 170.9 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 49.709 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

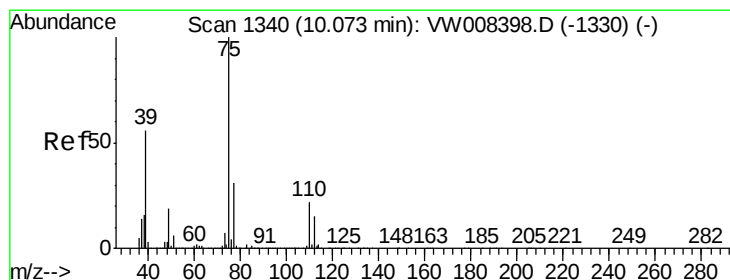
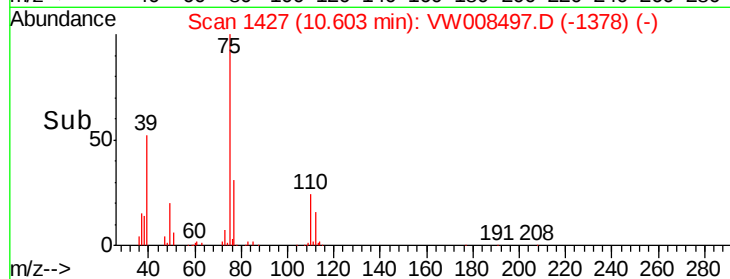
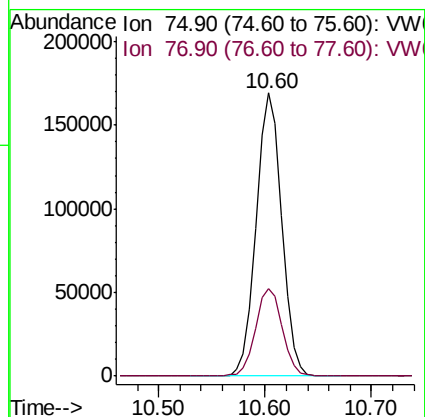
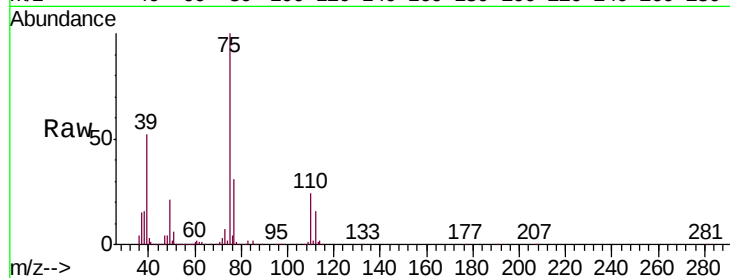
VSTDCCC050

Tgt Ion: 75 Resp: 285308

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.760 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

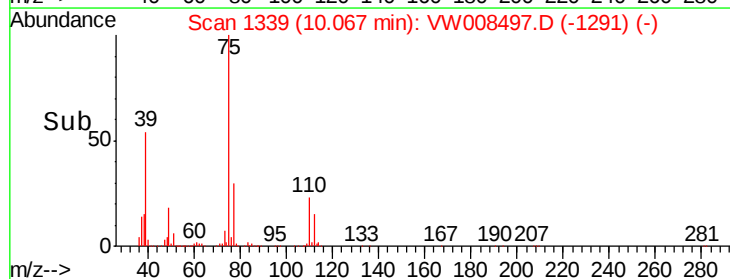
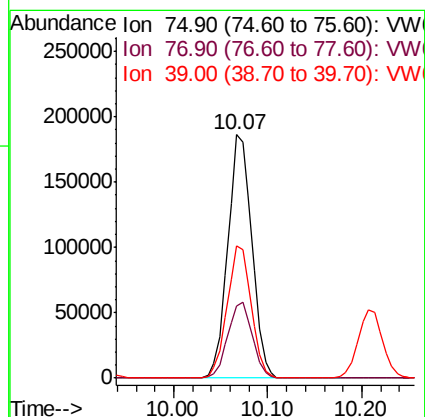
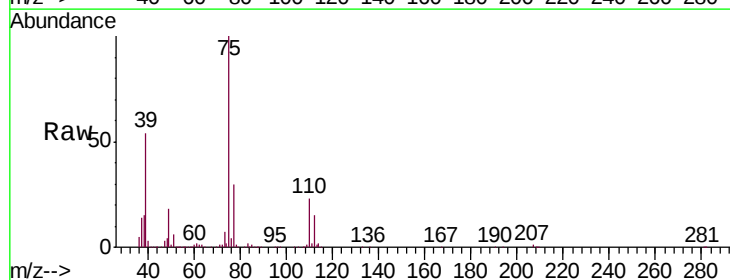
Tgt Ion: 75 Resp: 330625

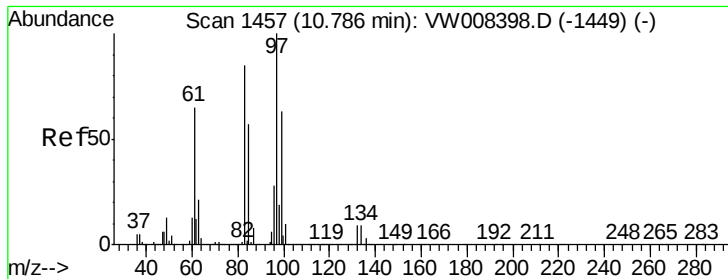
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

39 54.3 44.9 67.3

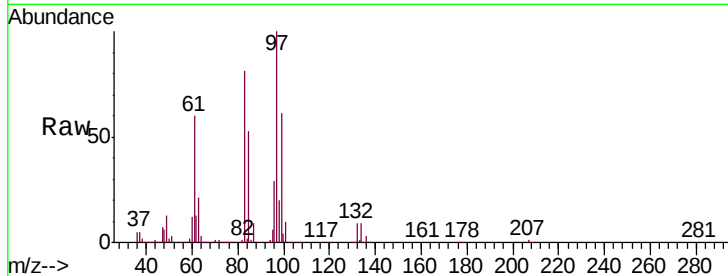




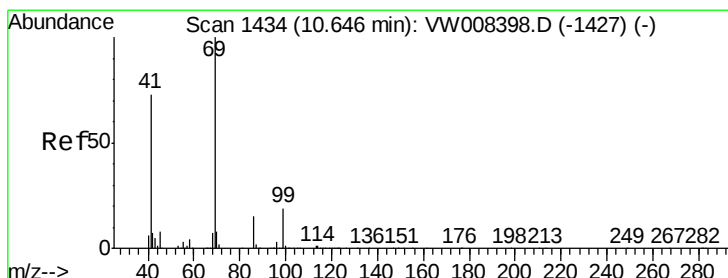
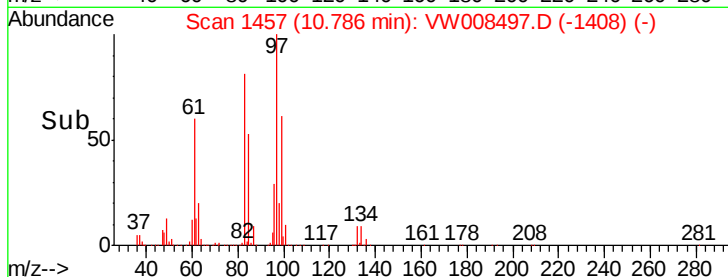
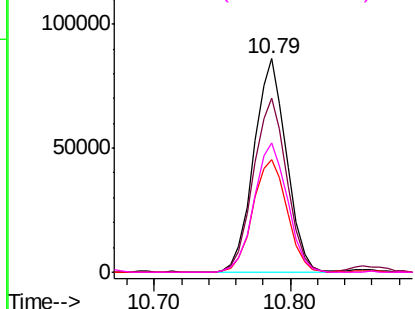
#55
 1,1,2-Trichloroethane
 Concen: 51.153 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	144691
Ion	Ratio	Lower	Upper
97	100		
83	81.4	68.4	102.6
85	52.8	45.3	67.9
99	60.6	50.6	76.0

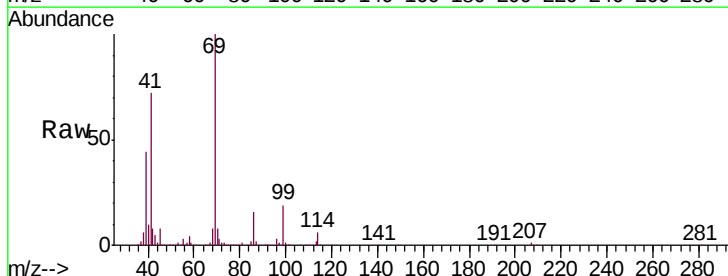


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

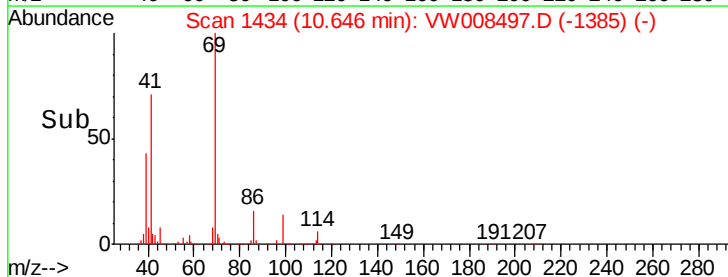
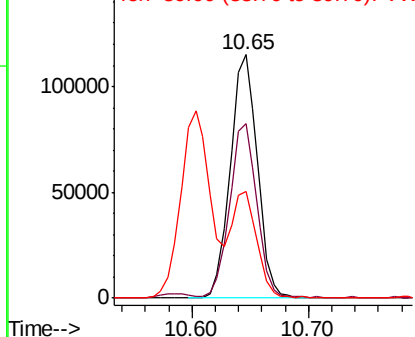


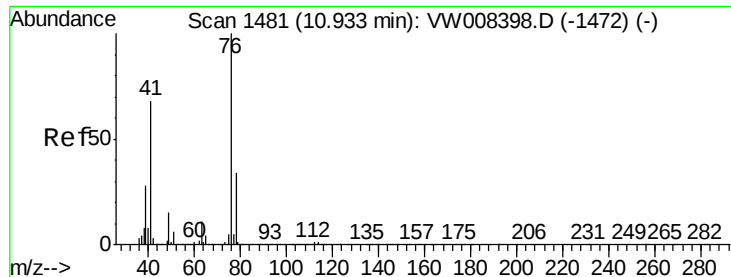
#56
 Ethyl methacrylate
 Concen: 46.700 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion:	69	Resp:	185096
Ion	Ratio	Lower	Upper
69	100		
41	71.8	58.7	88.1
39	40.0	32.6	48.8



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

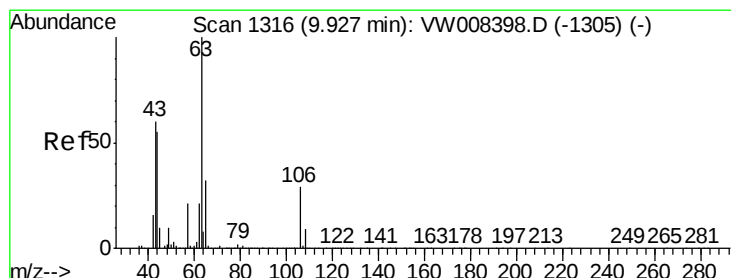
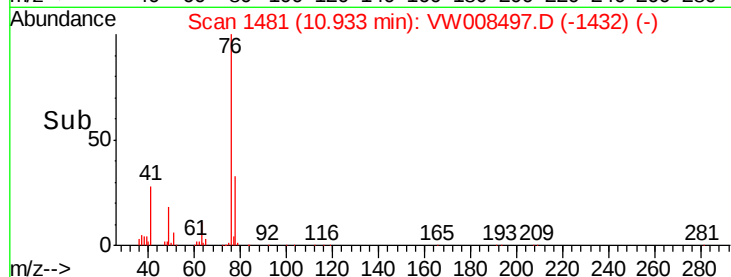
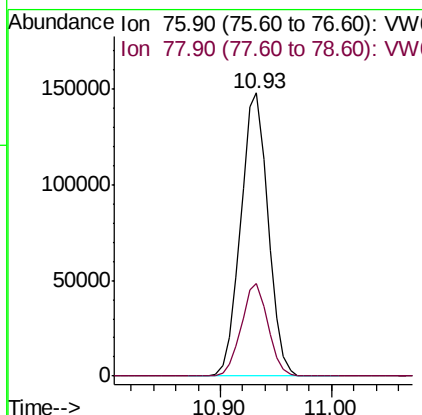
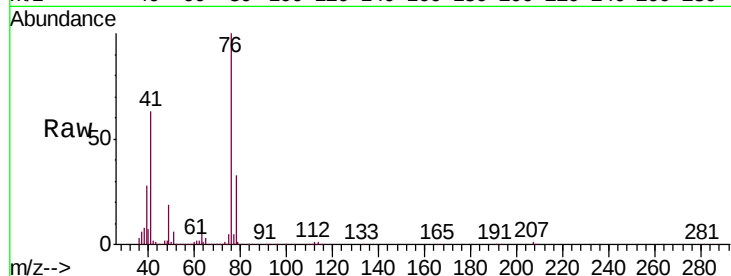




#57
 1,3-Dichloropropane
 Concen: 49.724 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

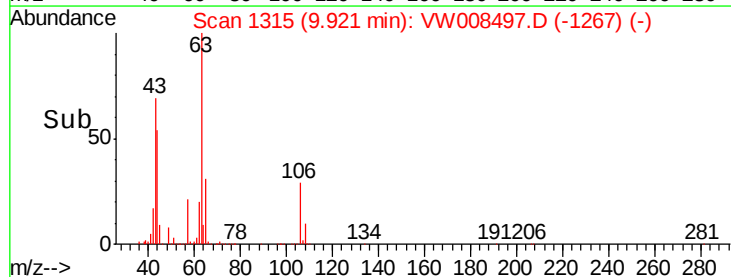
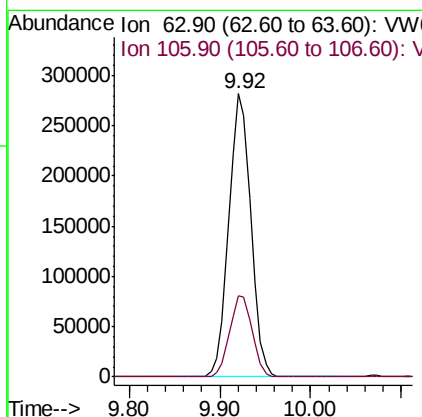
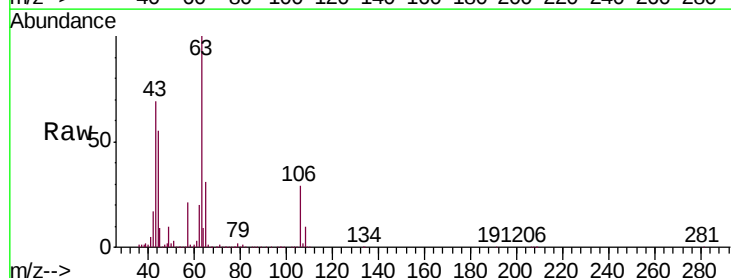
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

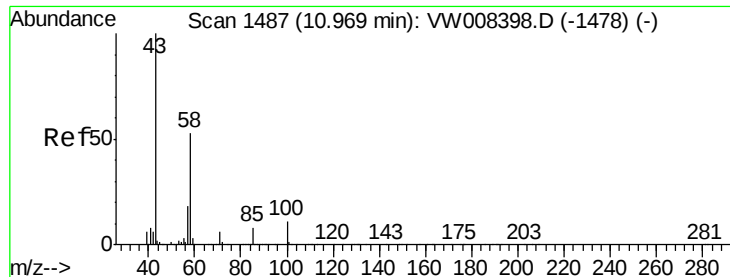
Tgt Ion: 76 Resp: 251975
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.378 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion: 63 Resp: 474463
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.4 33.6

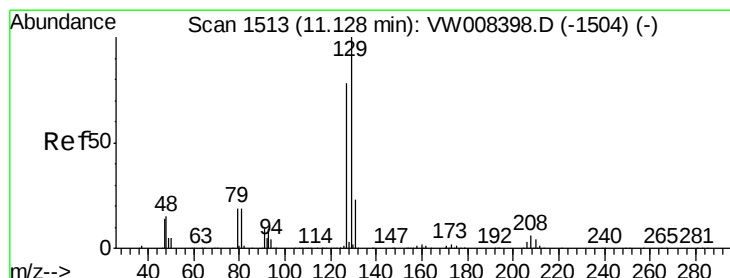
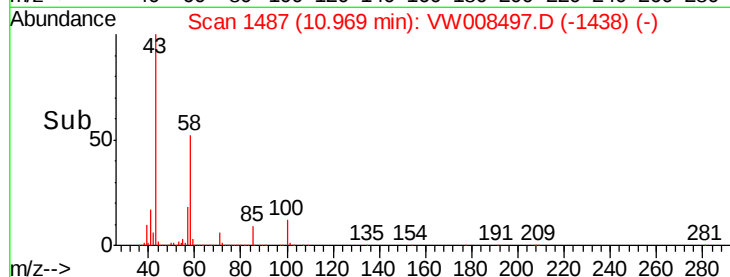
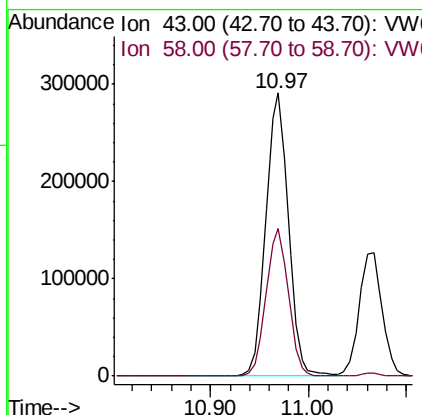
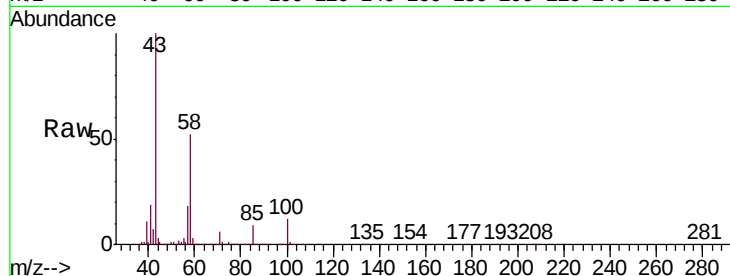




#59
2-Hexanone
Concen: 254.290 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

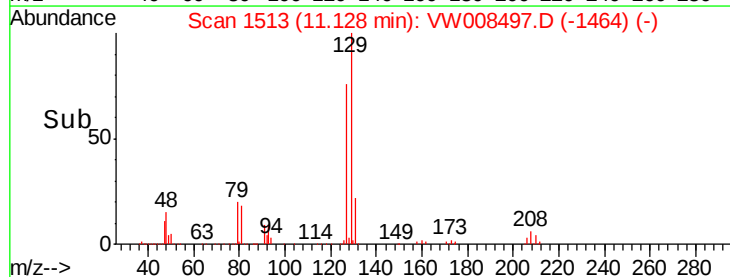
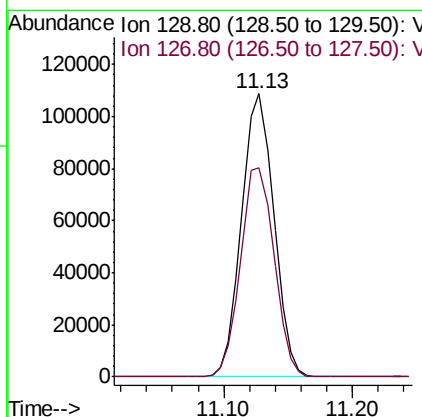
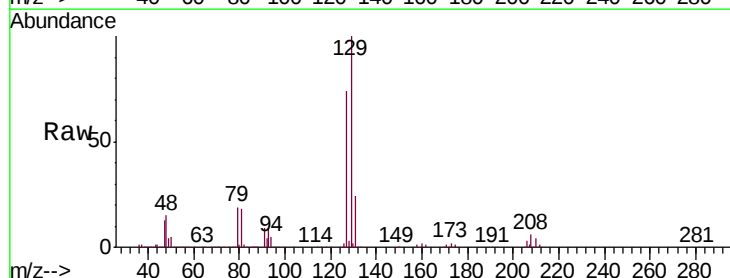
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 467147
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 52.140 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 129 Resp: 189531
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

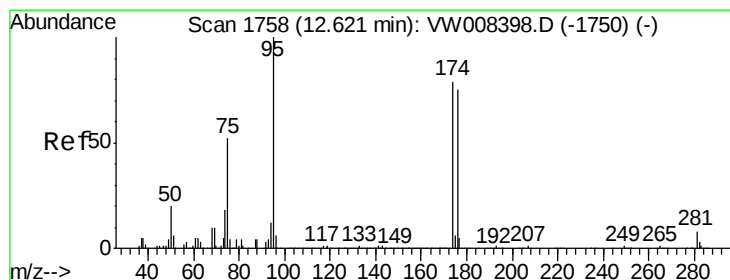
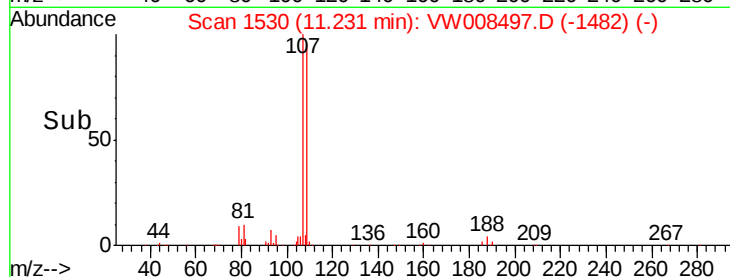
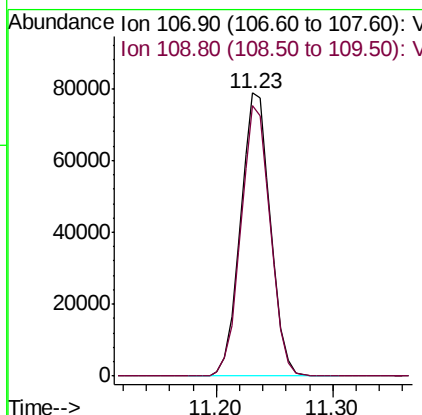
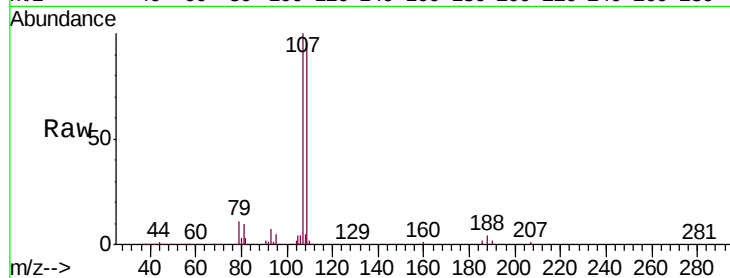




#61
 1,2-Dibromoethane
 Concen: 49.980 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

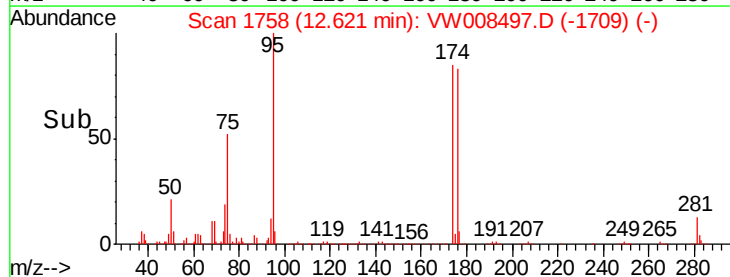
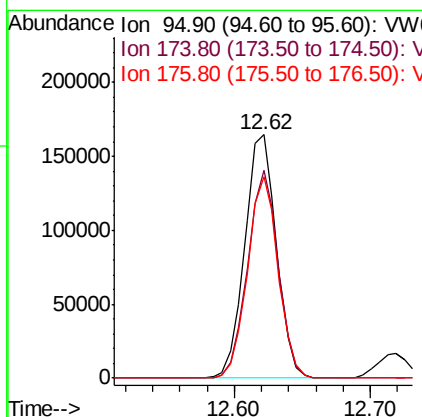
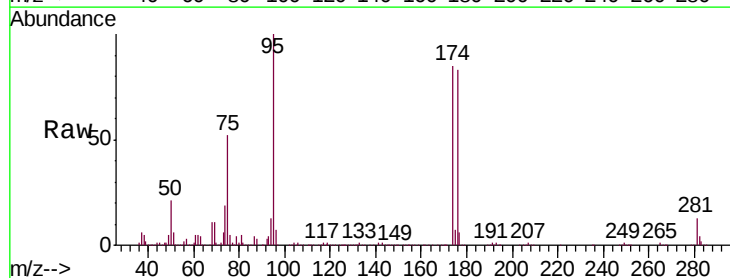
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

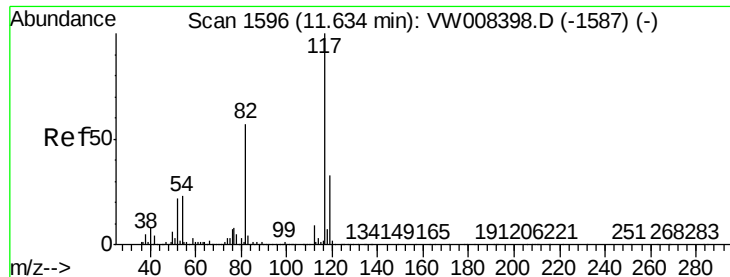
Tgt Ion: 107 Resp: 140179
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.924 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion: 95 Resp: 267512
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 157.6
 176 80.3 0.0 151.8

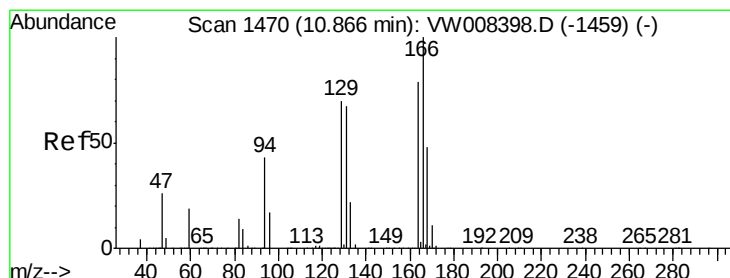
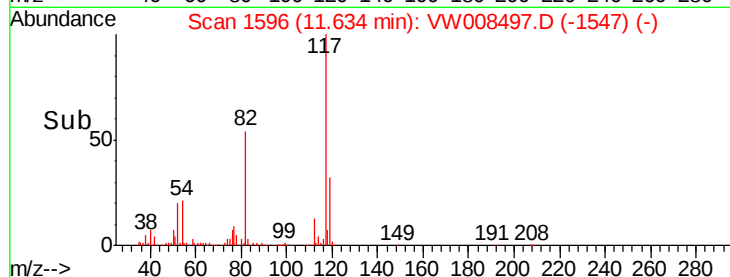
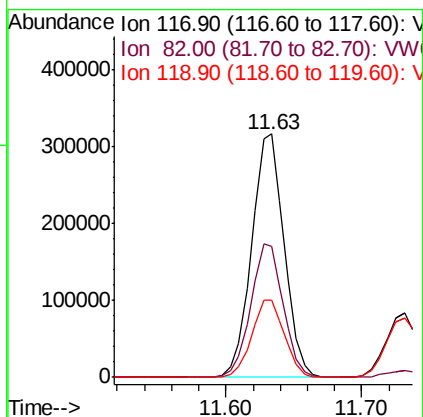
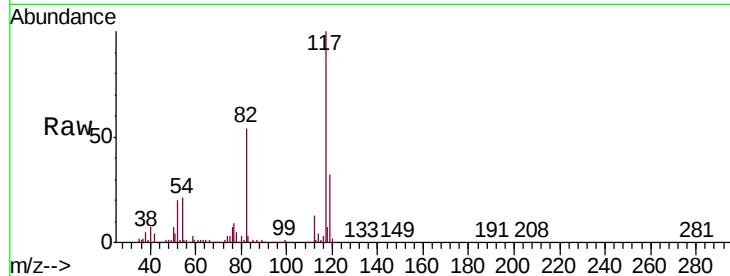




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

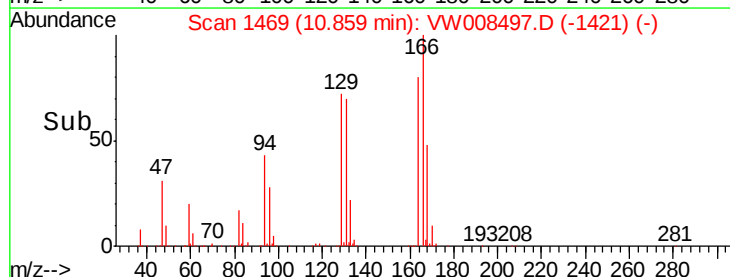
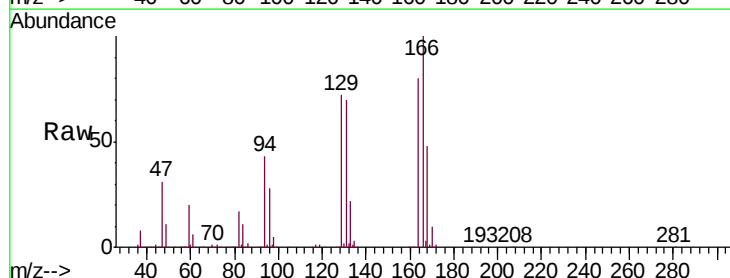
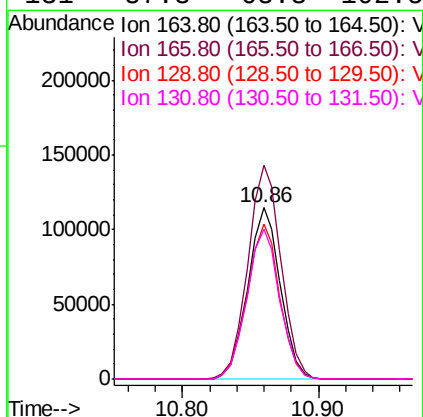
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

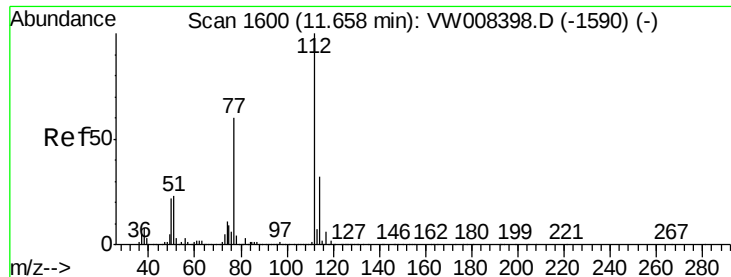
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.0
119	31.7	26.2	39.4



#64
Tetrachloroethene
Concen: 53.607 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	101.4	152.0
129	90.1	71.0	106.6
131	87.8	68.3	102.5

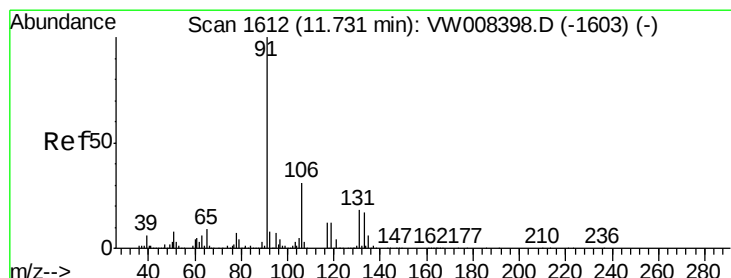
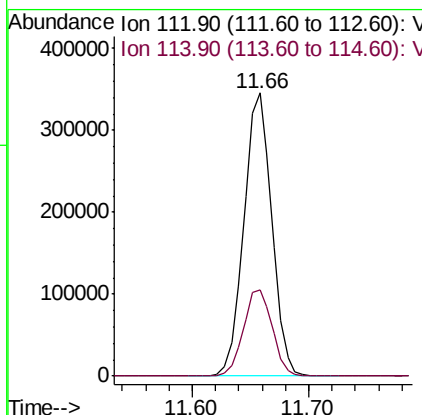
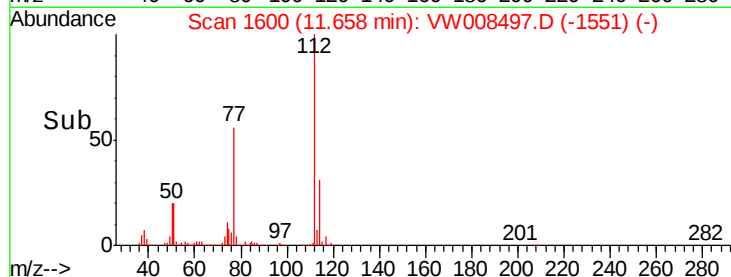
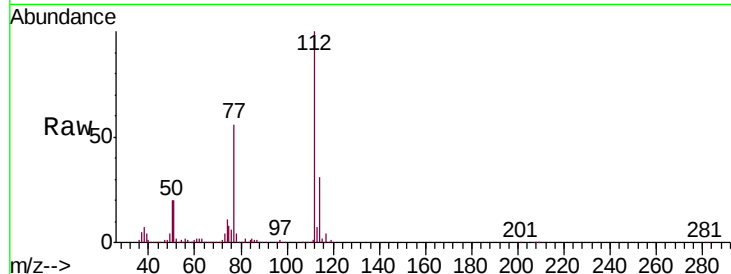




#65
Chlorobenzene
Concen: 53.404 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

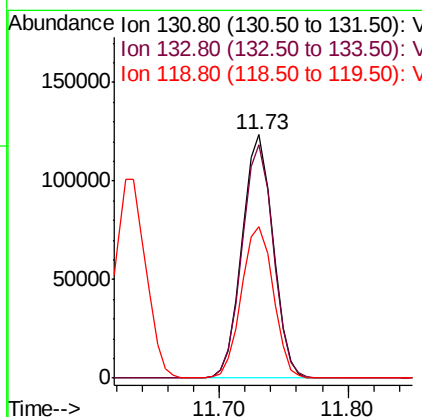
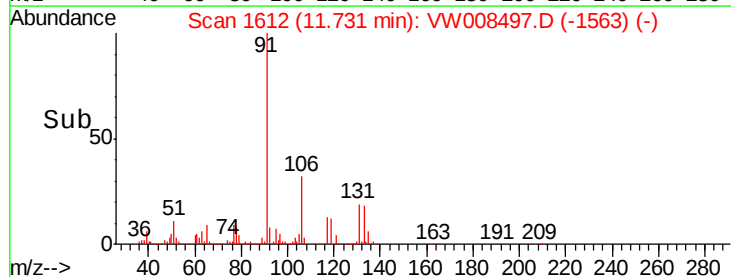
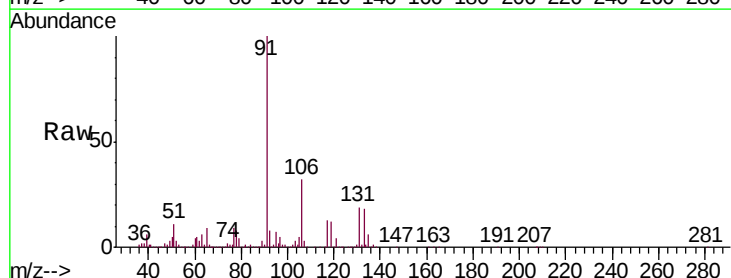
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

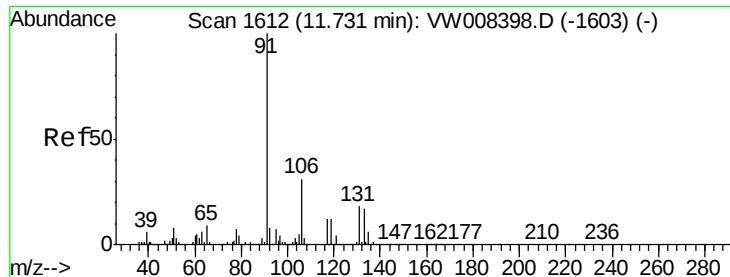
Tgt Ion:112 Resp: 577270
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.147 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion:131 Resp: 205543
Ion Ratio Lower Upper
131 100
133 96.6 47.0 141.2
119 64.1 32.1 96.3

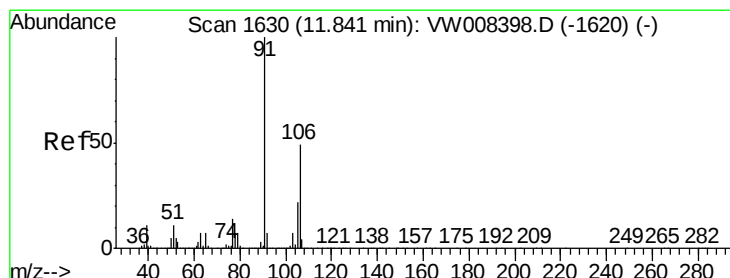
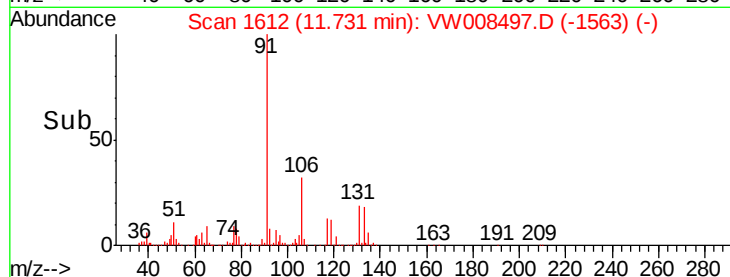
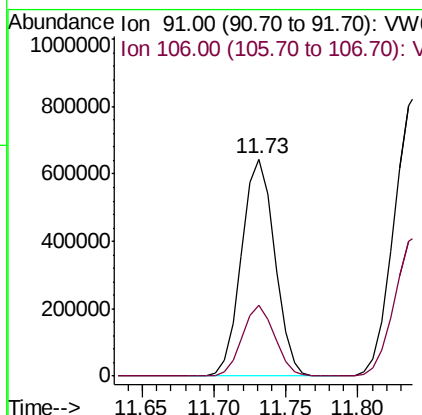
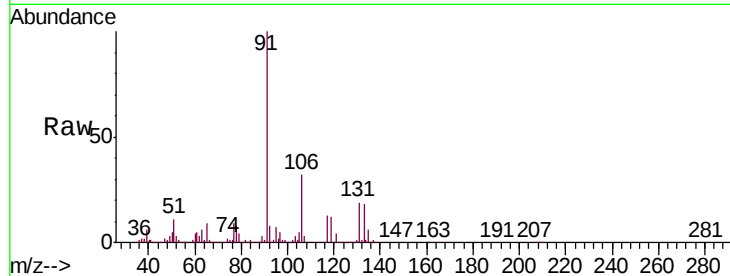




#67
Ethyl Benzene
Concen: 51.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

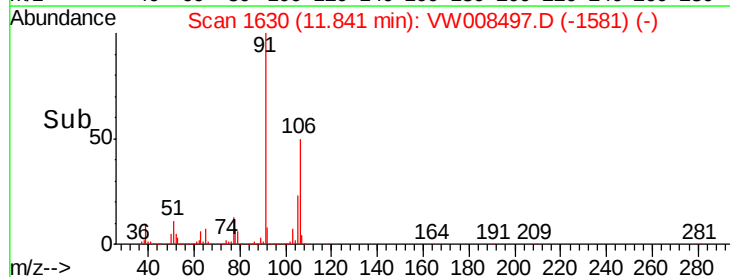
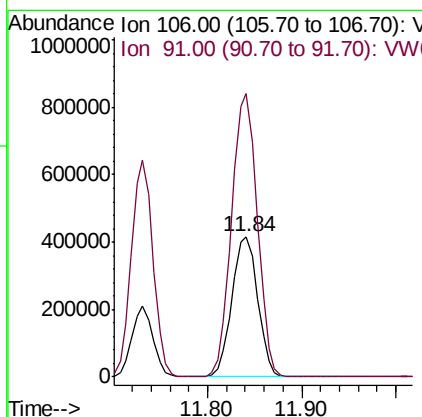
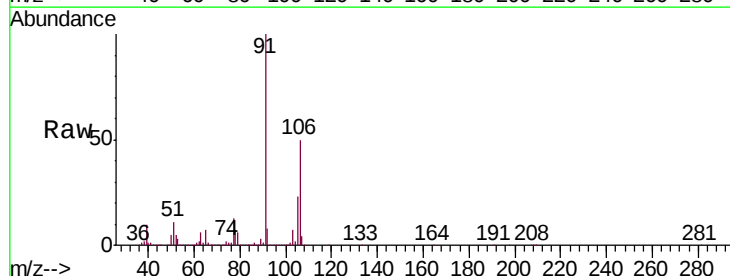
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1033126
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1



#68
m/p-Xylenes
Concen: 103.056 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion: 106 Resp: 794491
Ion Ratio Lower Upper
106 100
91 200.5 162.9 244.3

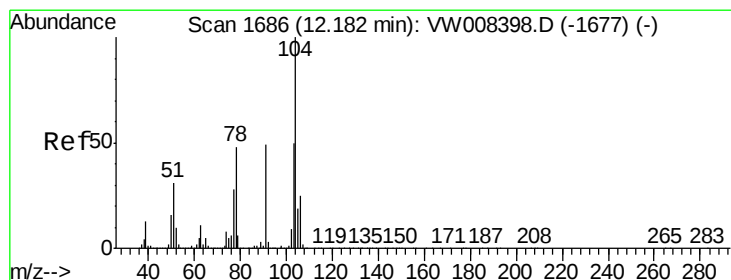
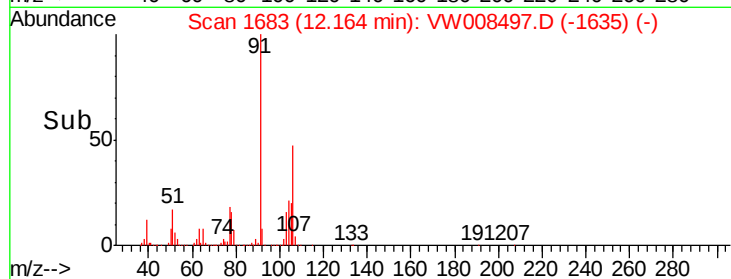
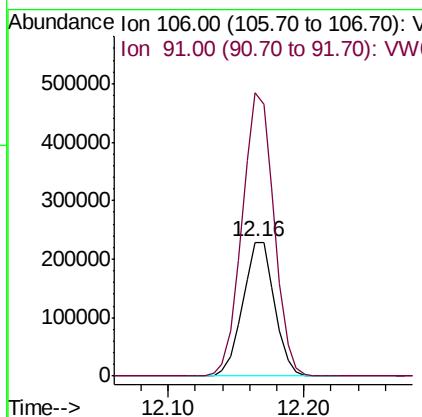
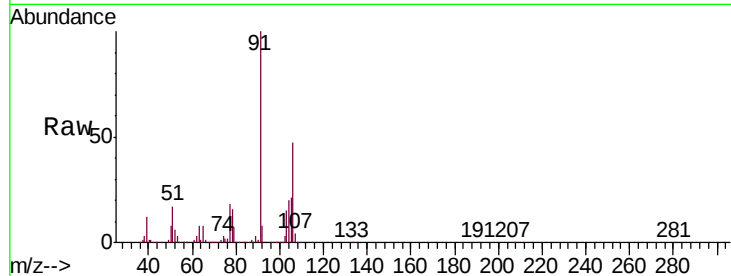




#69
o-Xylene
Concen: 51.073 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

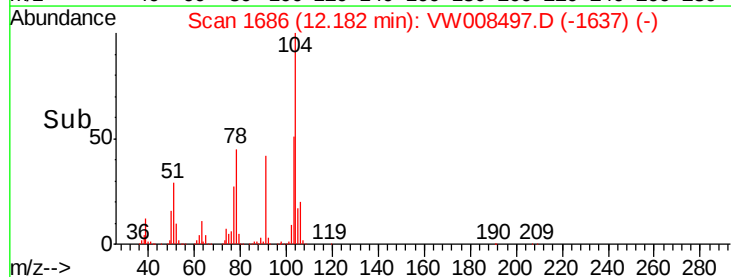
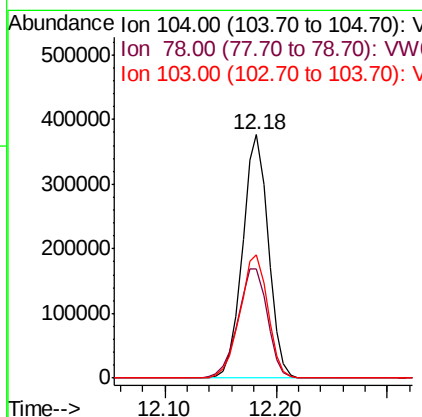
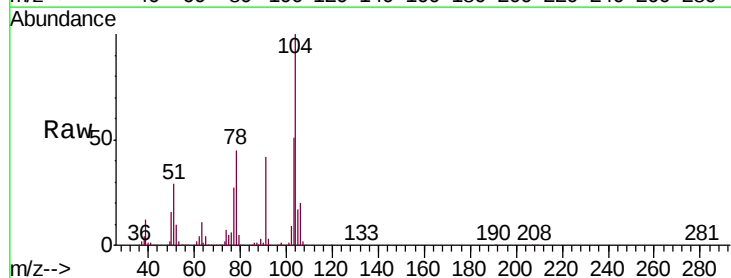
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 374107
Ion Ratio Lower Upper
106 100
91 211.9 107.5 322.4



#70
Styrene
Concen: 49.973 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion:104 Resp: 604650
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 54.9 43.4 65.0

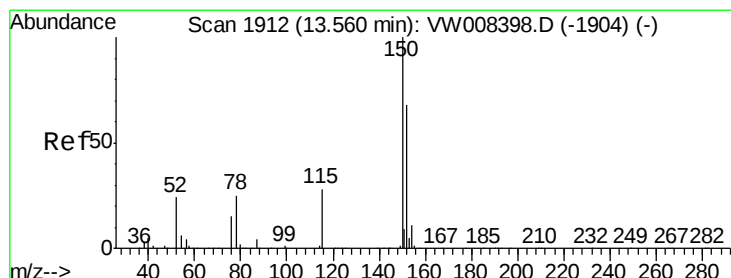
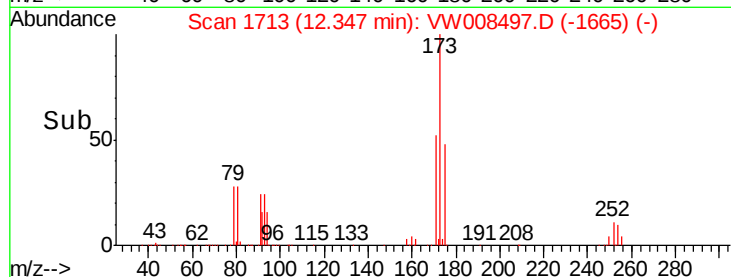
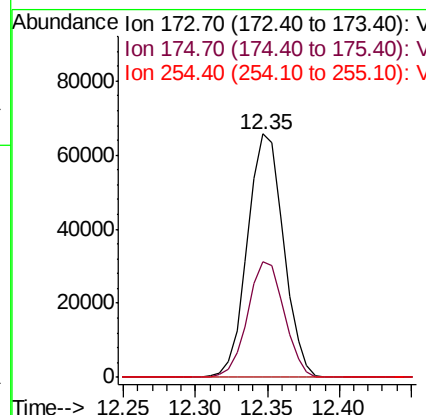
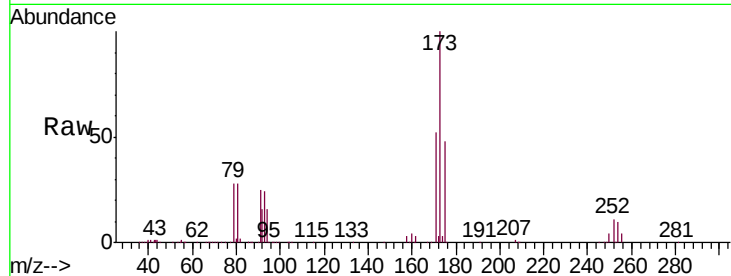




#71
Bromoform
Concen: 52.360 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

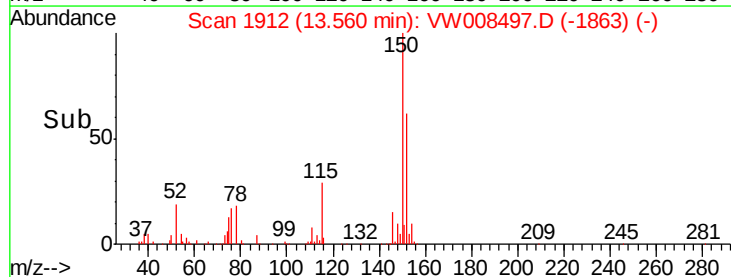
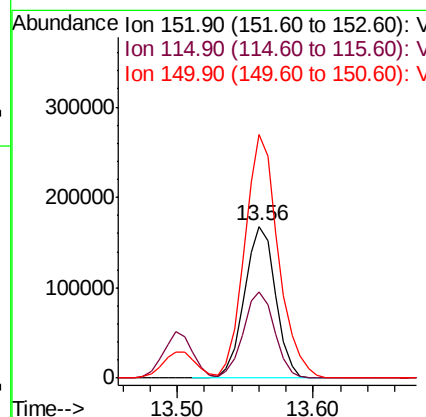
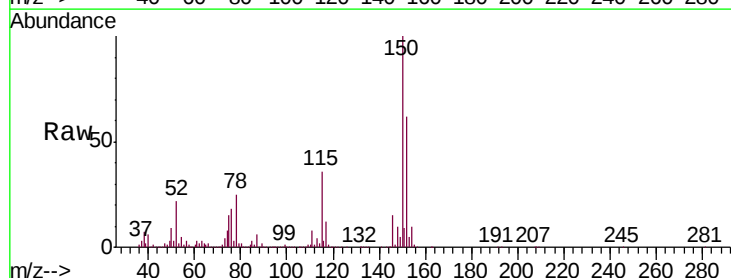
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

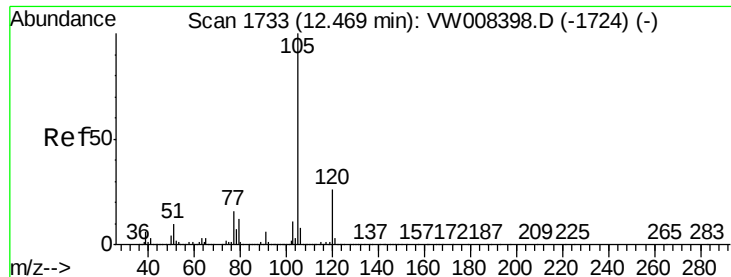
Tgt Ion:173 Resp: 113934
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion:152 Resp: 267630
Ion Ratio Lower Upper
152 100
115 56.8 29.9 89.7
150 173.2 0.0 351.4





#73

Isopropylbenzene

Concen: 52.925 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

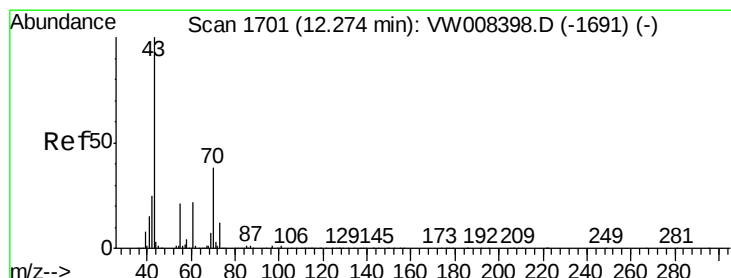
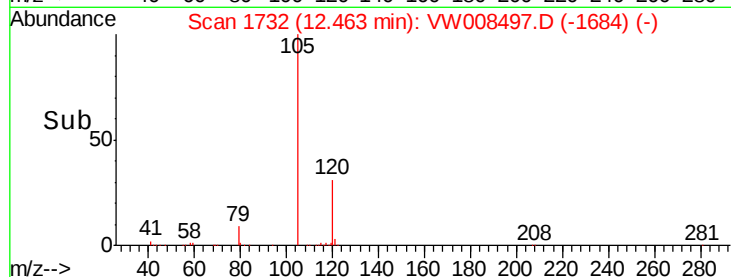
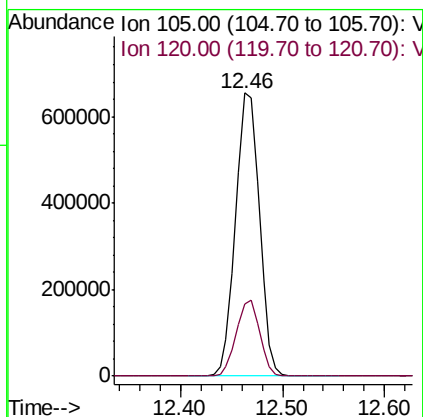
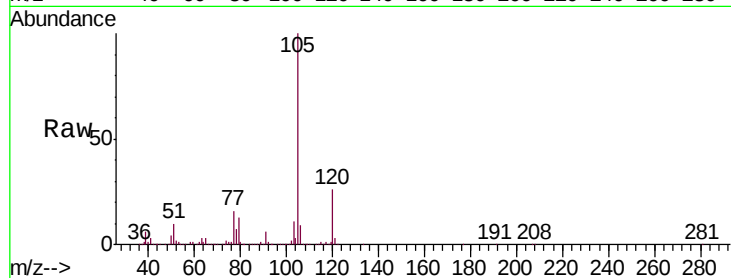
VSTDCCC050

Tgt Ion:105 Resp: 1055981

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 46.589 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Tgt Ion: 43 Resp: 239470

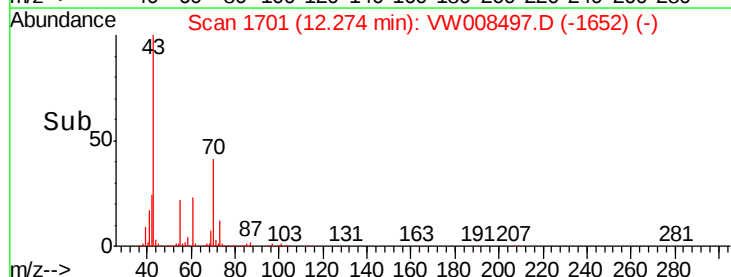
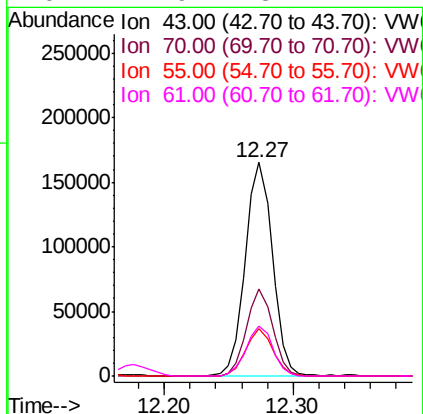
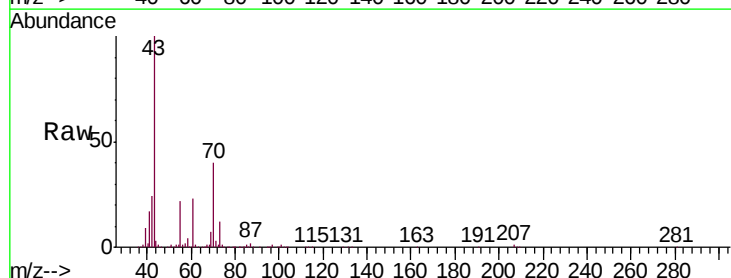
Ion Ratio Lower Upper

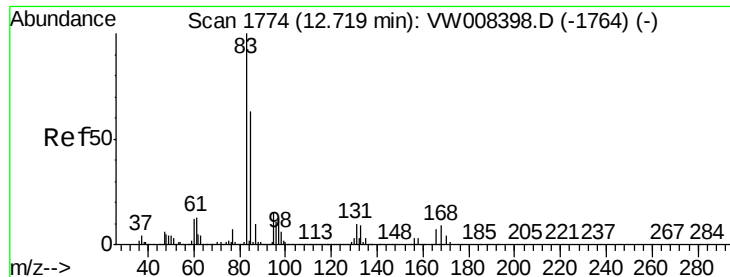
43 100

70 40.0 31.0 46.6

55 22.2 17.4 26.2

61 22.9 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.550 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

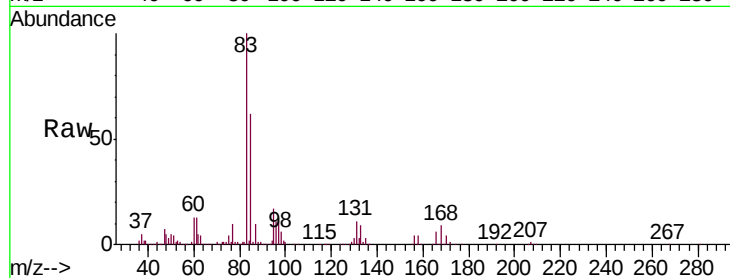
Tgt Ion: 83 Resp: 162840

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

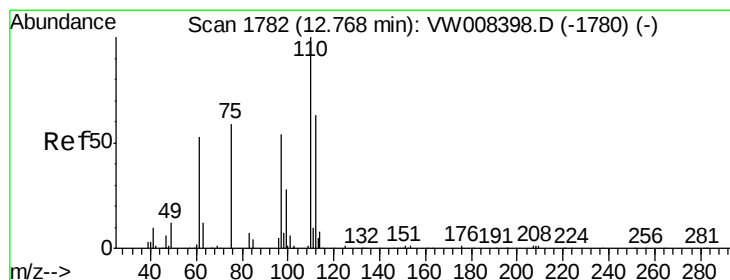
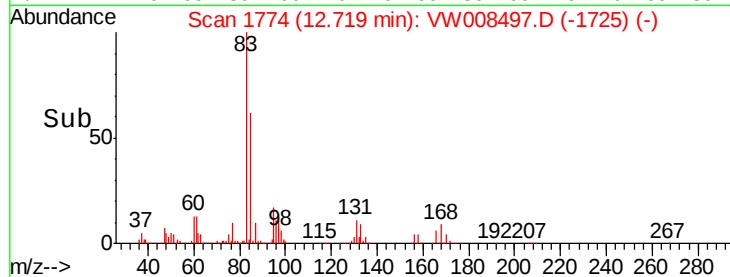
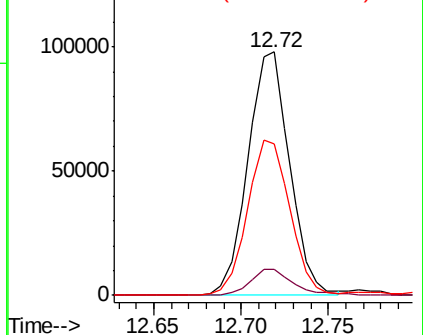
85 64.6 31.9 95.5



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: 97.799 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008497.D

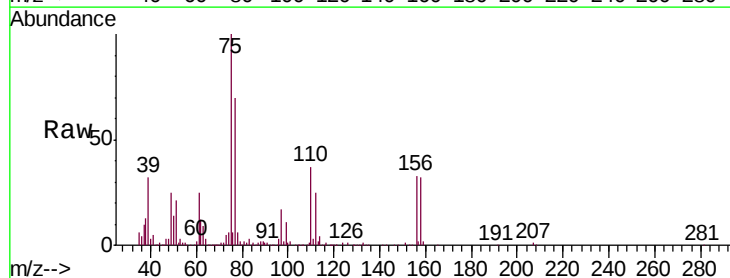
Acq: 04 Feb 2019 10:07

Tgt Ion: 75 Resp: 227565

Ion Ratio Lower Upper

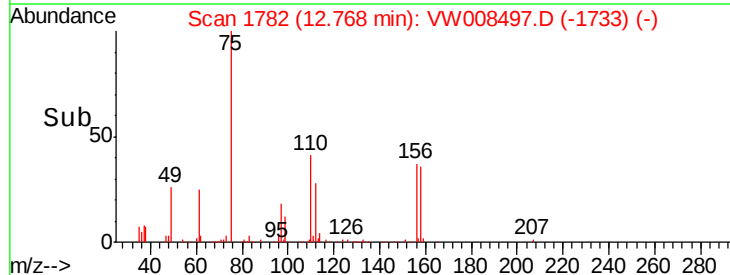
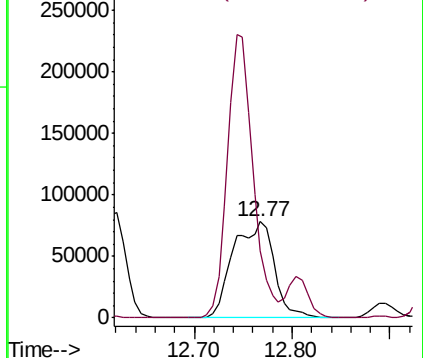
75 100

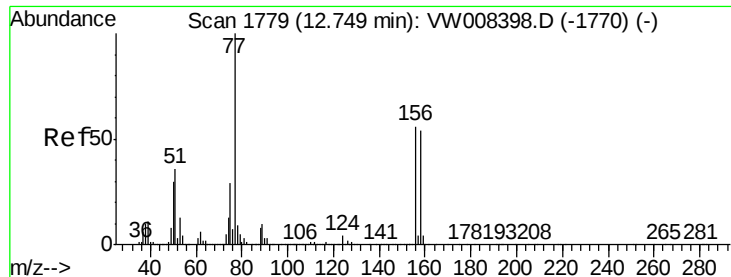
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.441 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

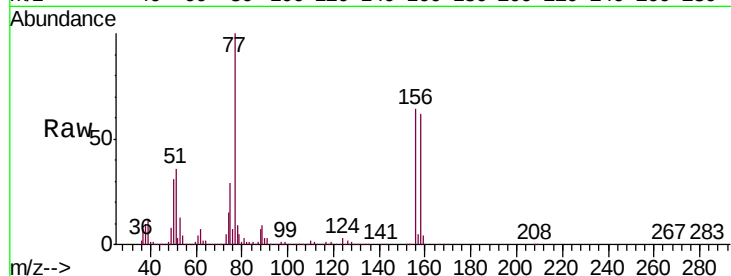
Tgt Ion:156 Resp: 232866

Ion Ratio Lower Upper

156 100

77 181.4 96.9 290.7

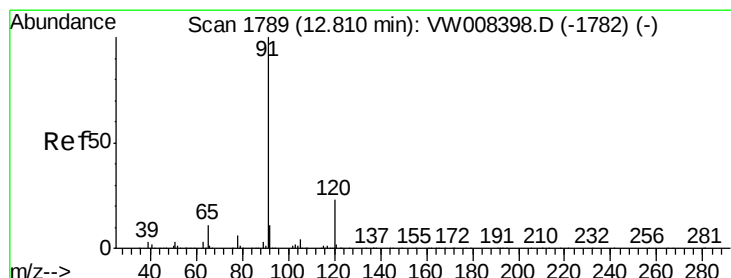
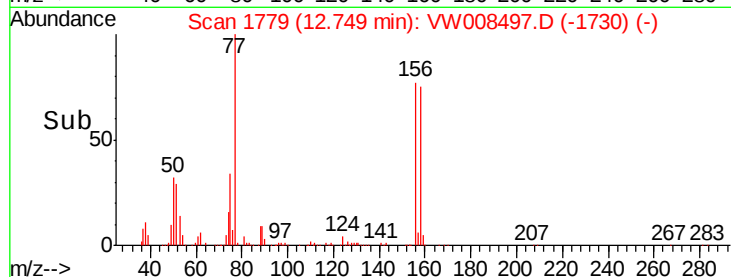
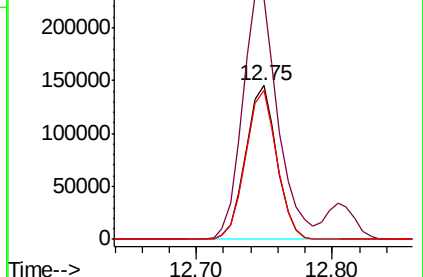
158 97.1 48.8 146.4



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: 52.232 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008497.D

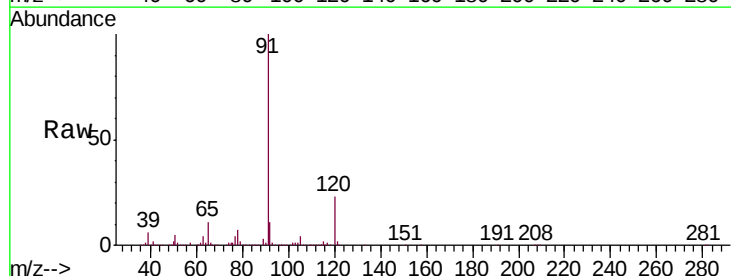
Acq: 04 Feb 2019 10:07

Tgt Ion: 91 Resp: 1251696

Ion Ratio Lower Upper

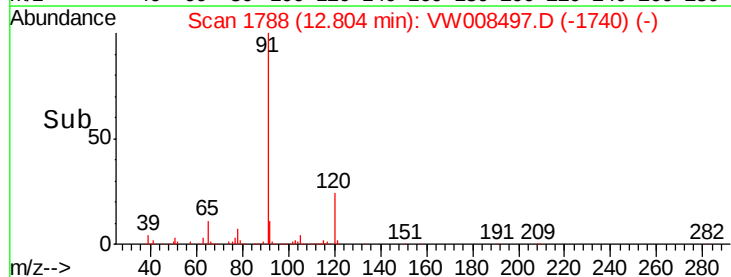
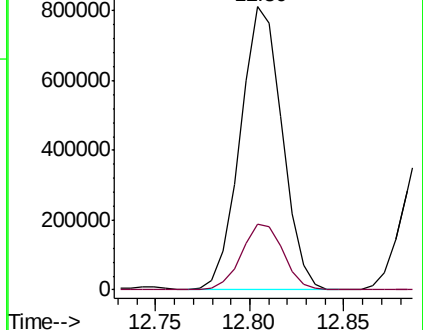
91 100

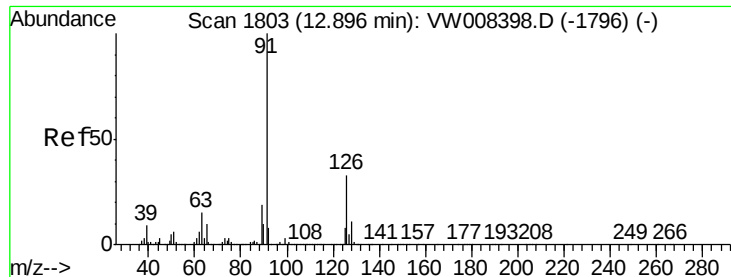
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.379 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

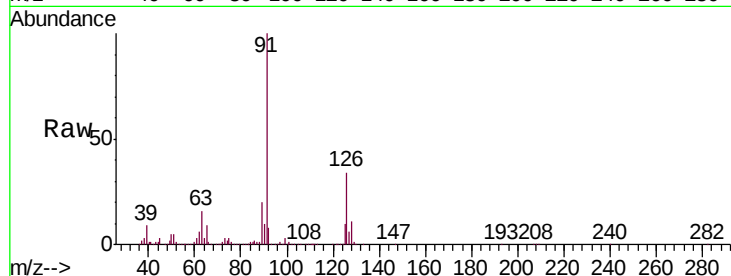
VSTDCCC050

Tgt Ion: 91 Resp: 694784

Ion Ratio Lower Upper

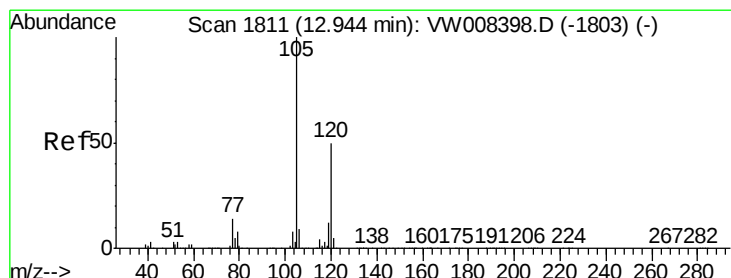
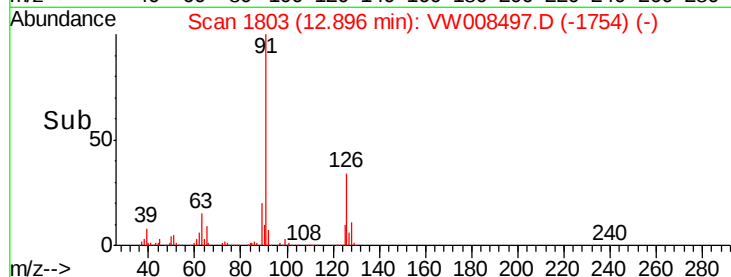
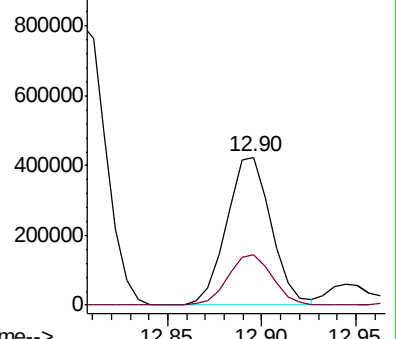
91 100

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: 51.617 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008497.D

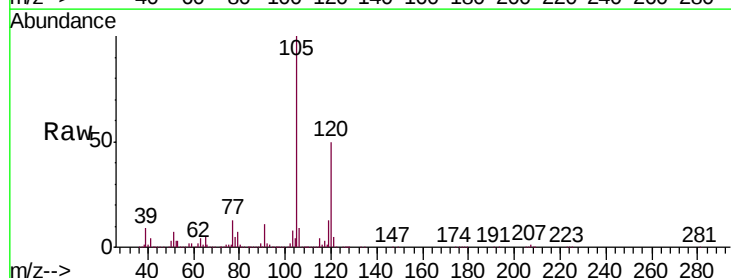
Acq: 04 Feb 2019 10:07

Tgt Ion: 105 Resp: 860810

Ion Ratio Lower Upper

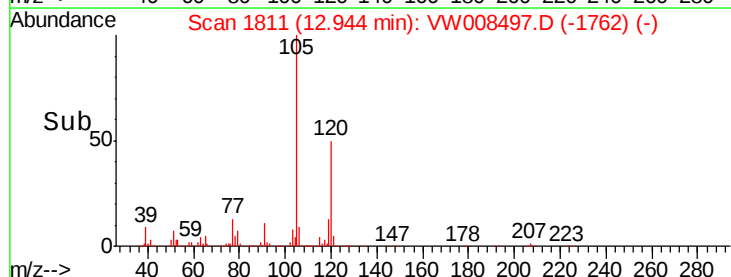
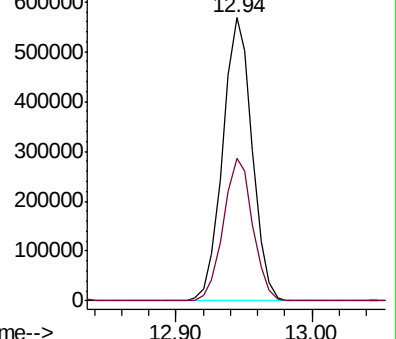
105 100

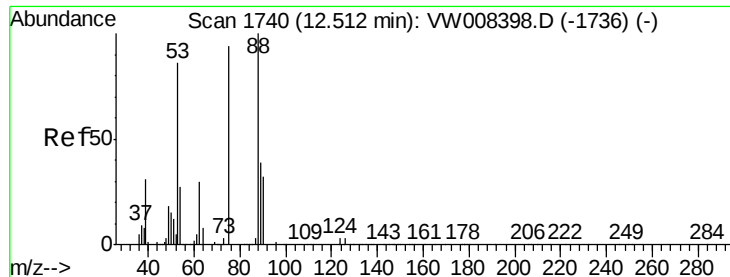
120 50.4 24.6 73.8



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: 48.981 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

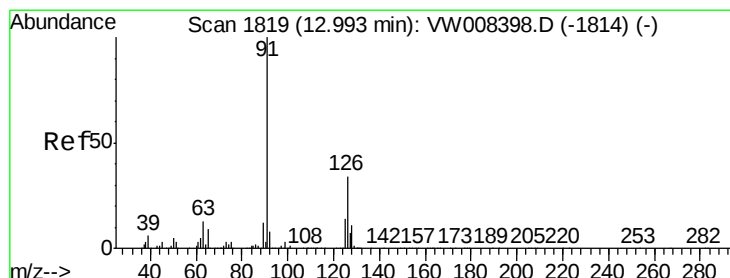
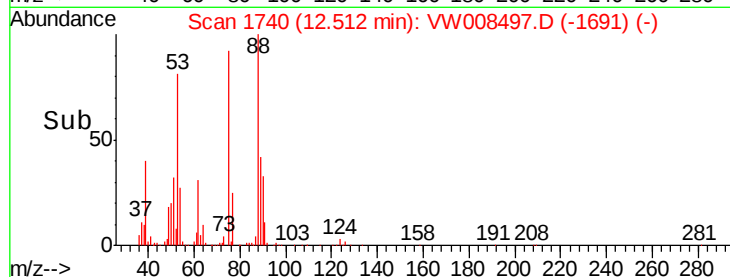
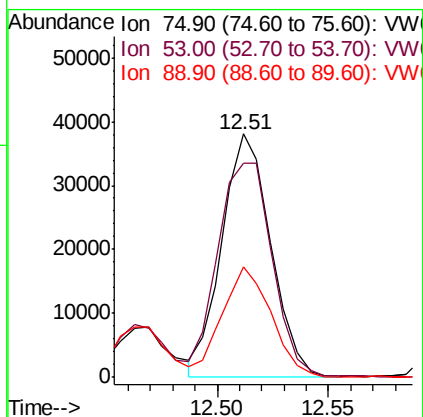
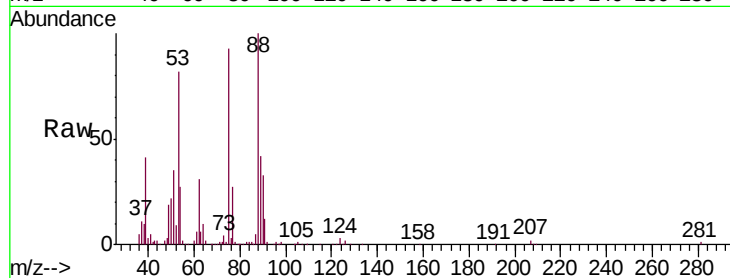
Tgt Ion: 75 Resp: 57705

Ion Ratio Lower Upper

75 100

53 98.9 76.0 114.0

89 46.2 35.4 53.0



#82

4-Chlorotoluene

Concen: 50.393 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008497.D

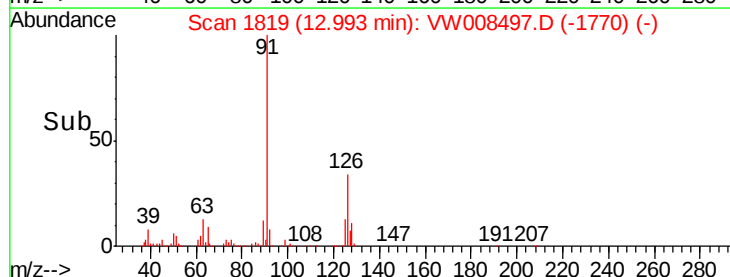
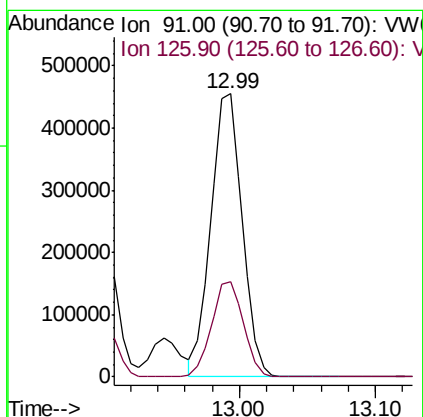
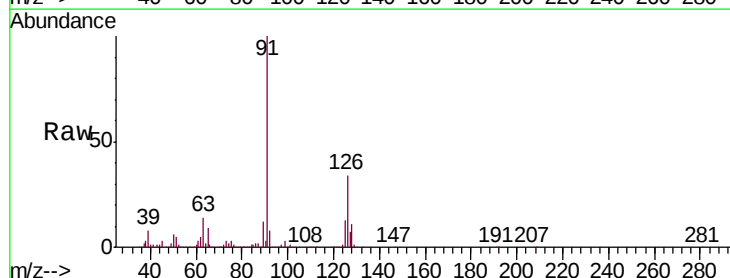
Acq: 04 Feb 2019 10:07

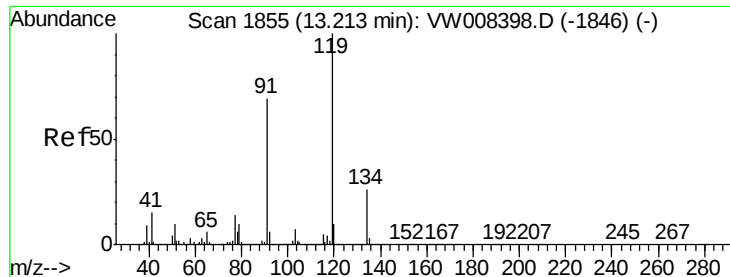
Tgt Ion: 91 Resp: 725532

Ion Ratio Lower Upper

91 100

126 34.1 16.4 49.2

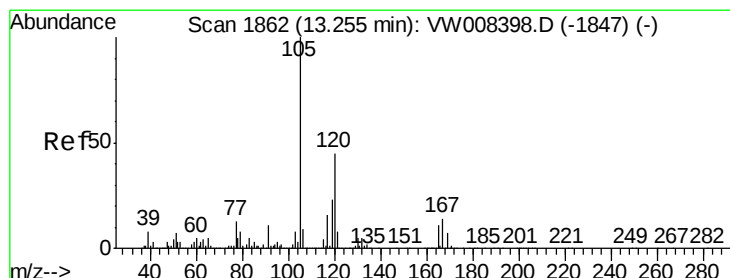
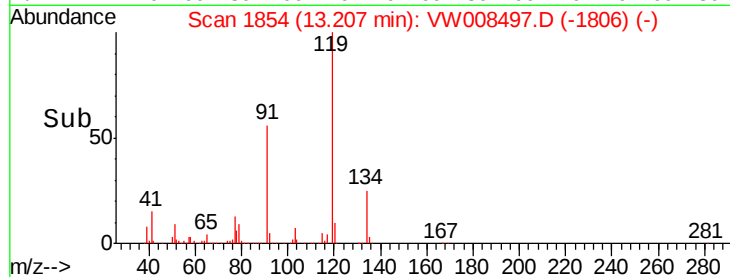
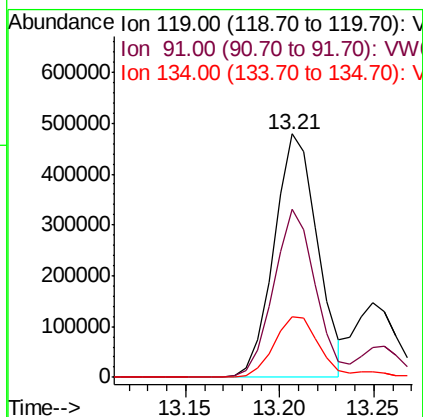
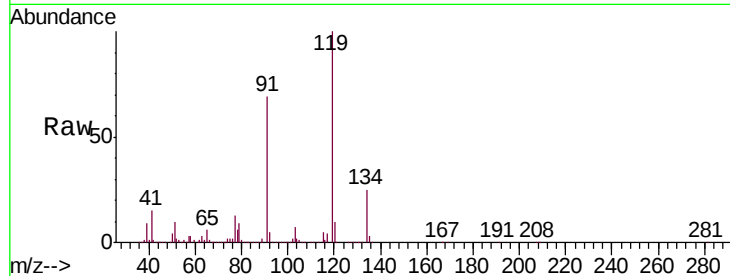




#83
tert-Butylbenzene
Concen: 51.449 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

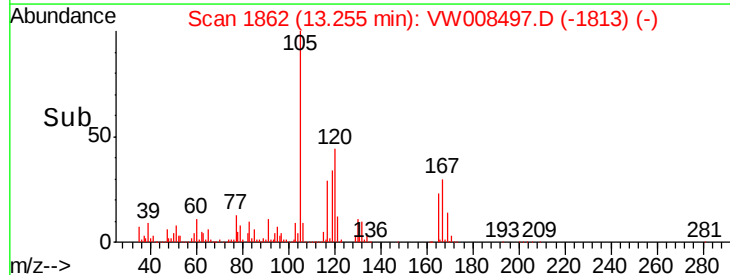
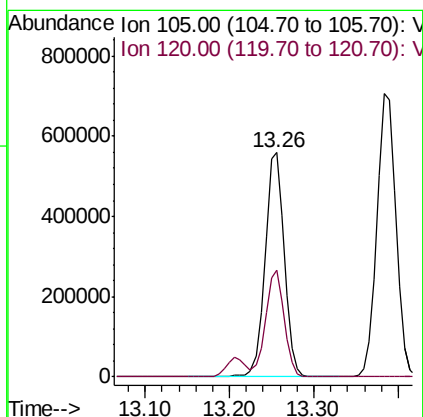
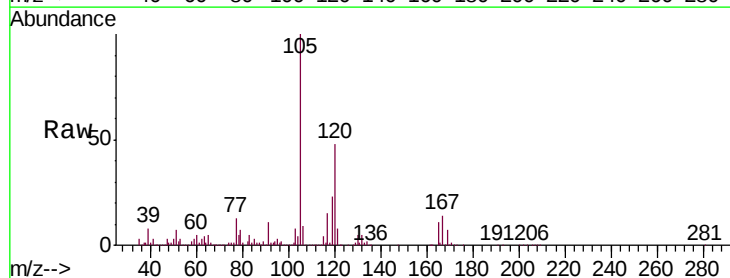
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 763526
Ion Ratio Lower Upper
119 100
91 67.4 33.8 101.4
134 27.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.656 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion:105 Resp: 875599
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

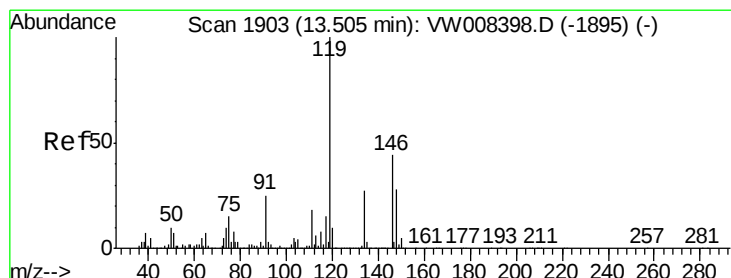
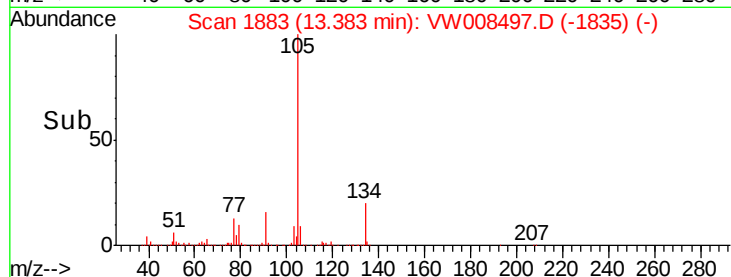
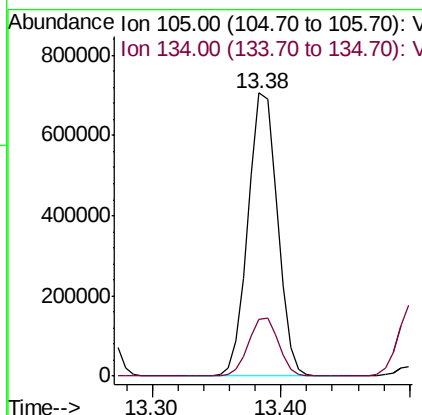
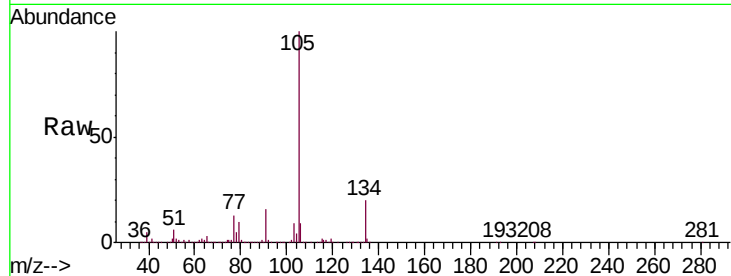




#85
 sec-Butylbenzene
 Concen: 52.375 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

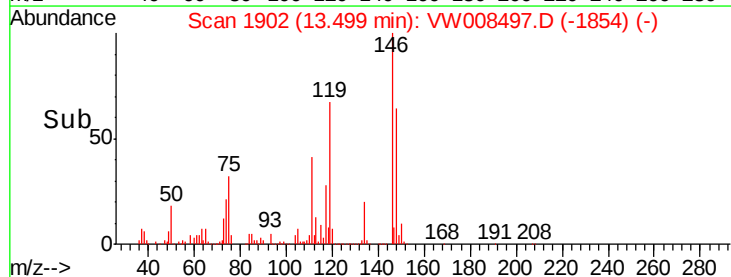
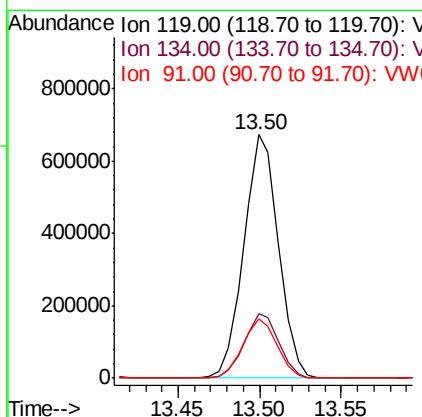
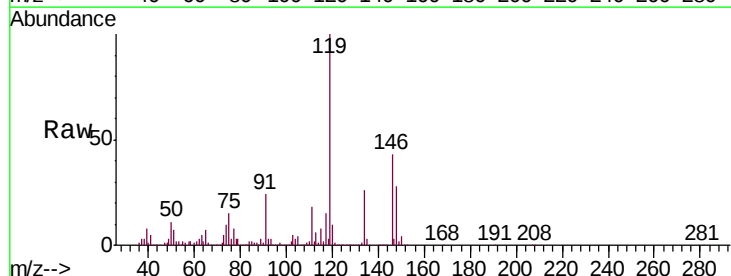
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1110042
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.504 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion:119 Resp: 993298
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.2 12.6 37.6

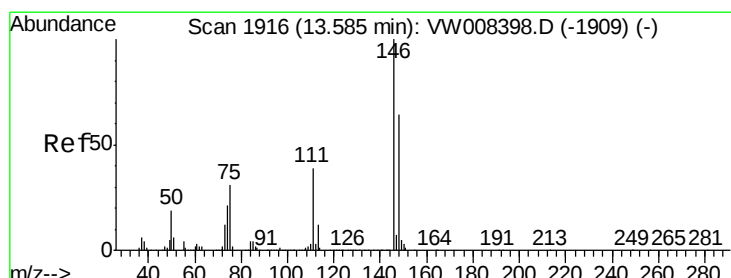
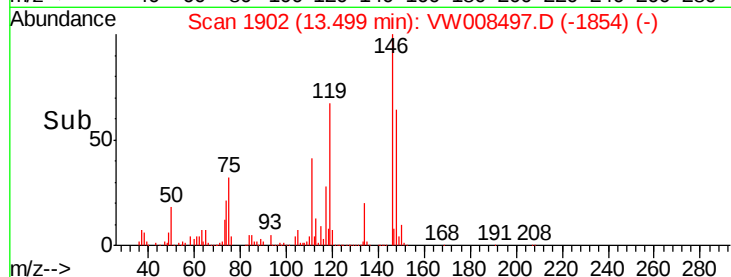
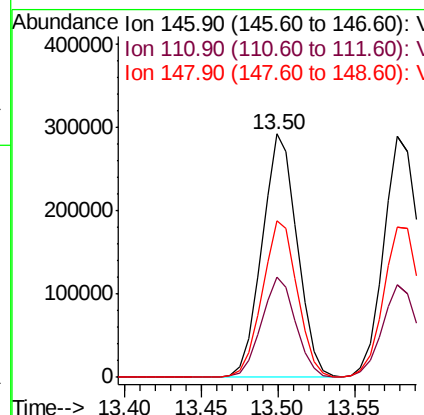
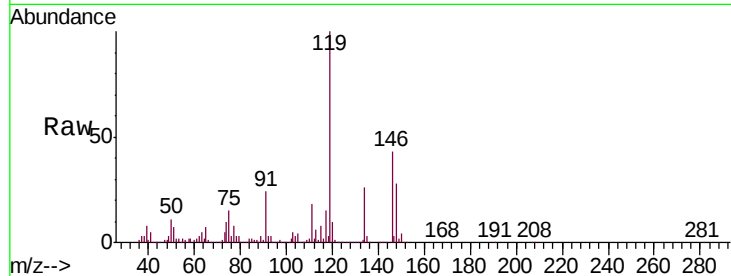




#87
 1,3-Dichlorobenzene
 Concen: 53.082 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

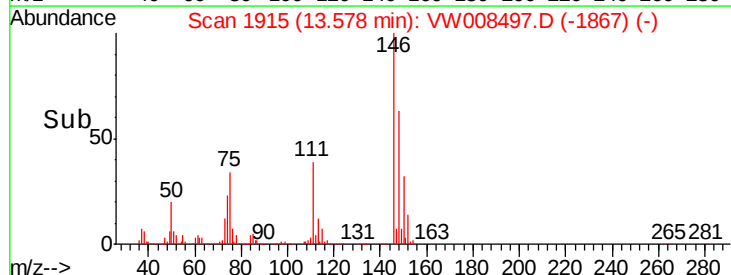
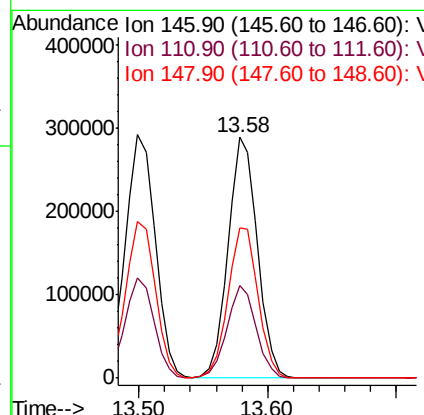
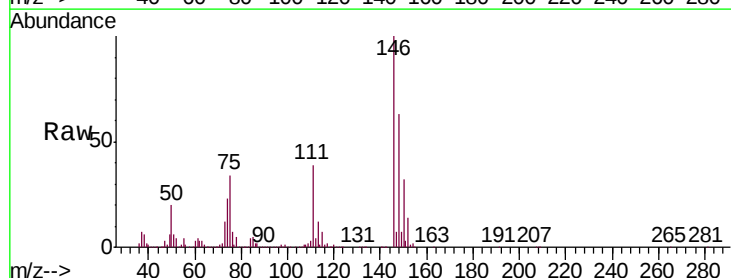
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

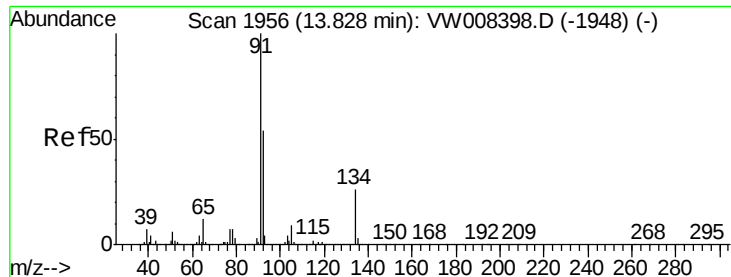
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.684 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.0	60.0
148	64.2	32.0	96.2





#89

n-Butylbenzene

Concen: 51.902 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008497.D

Acq: 04 Feb 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

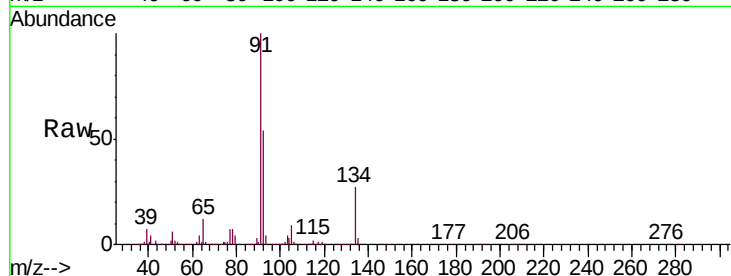
Tgt Ion: 91 Resp: 946069

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.2

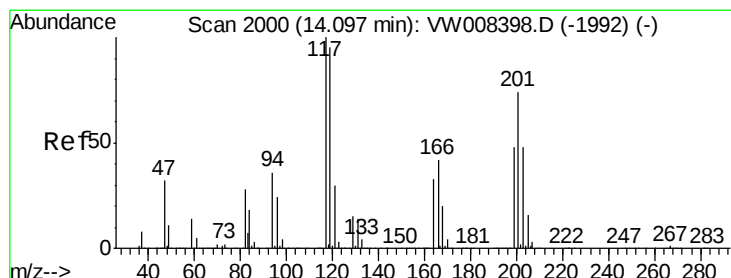
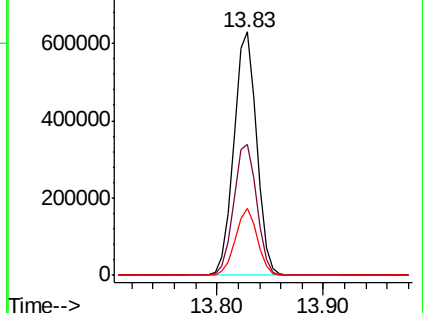
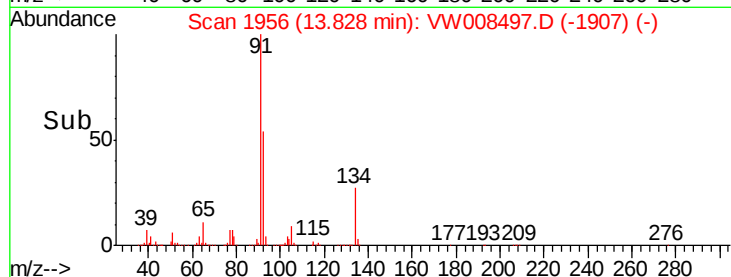
134 26.6 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.357 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008497.D

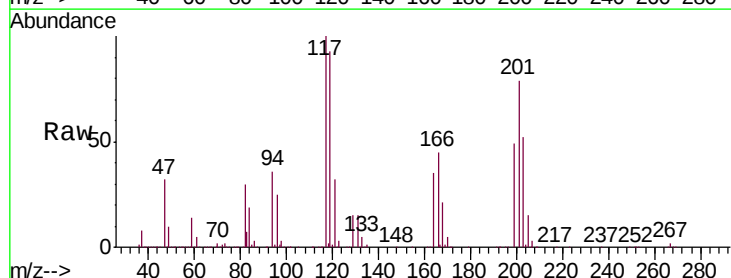
Acq: 04 Feb 2019 10:07

Tgt Ion: 117 Resp: 193717

Ion Ratio Lower Upper

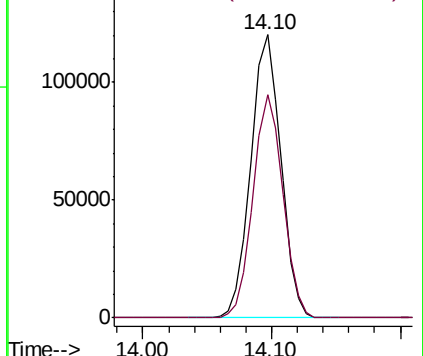
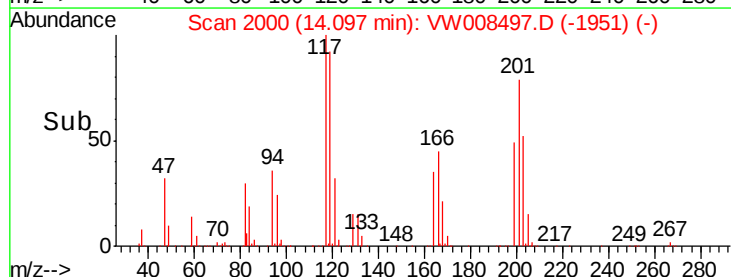
117 100

201 78.2 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

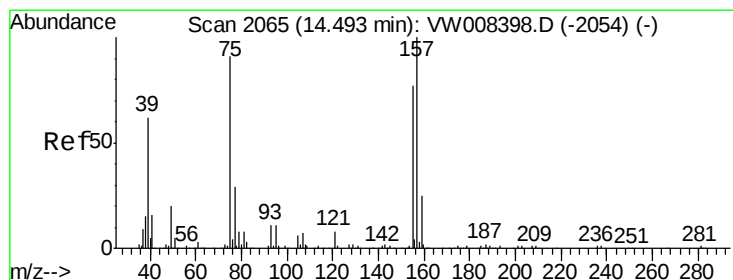
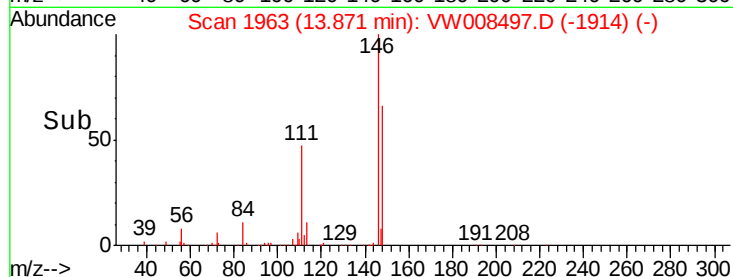
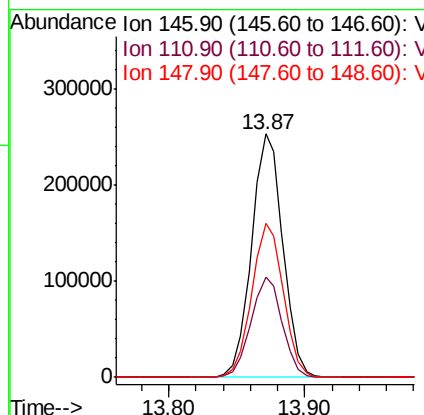
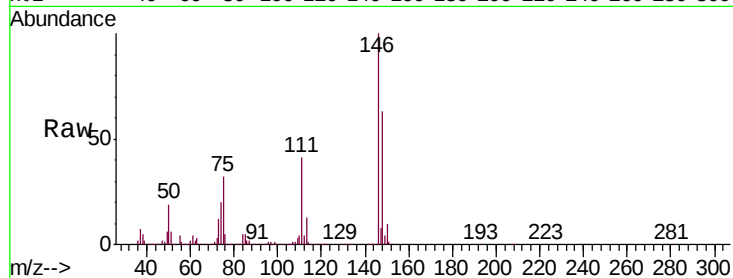




#91
 1,2-Dichlorobenzene
 Concen: 52.388 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

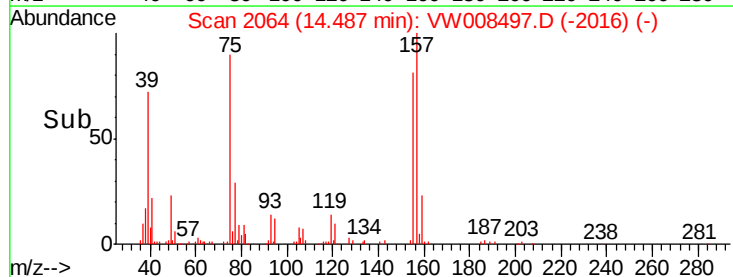
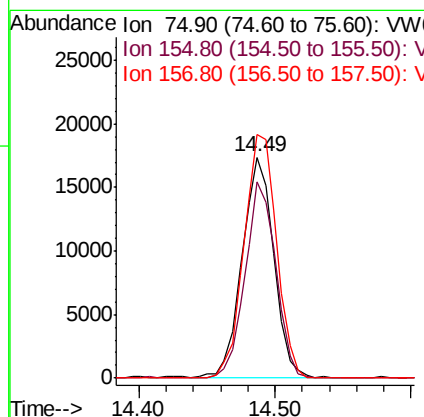
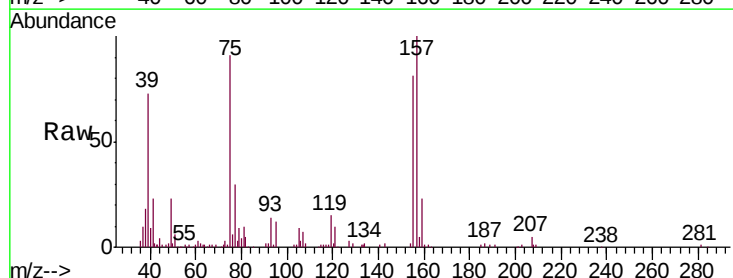
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

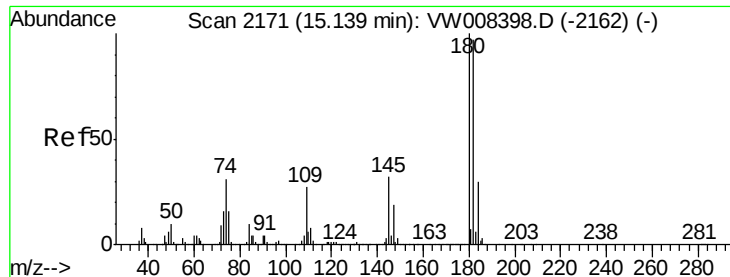
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.3
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.321 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	42.7	128.1
157	113.4	55.5	166.3

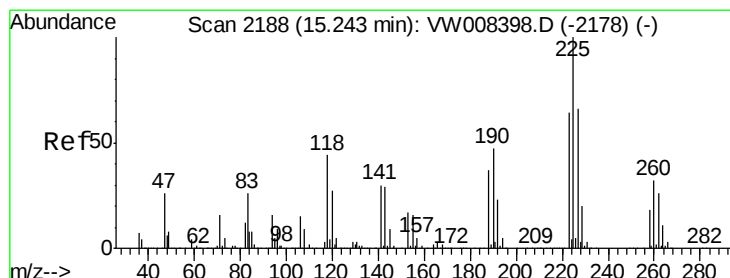
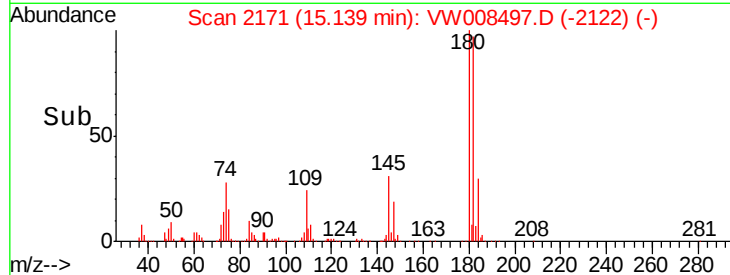
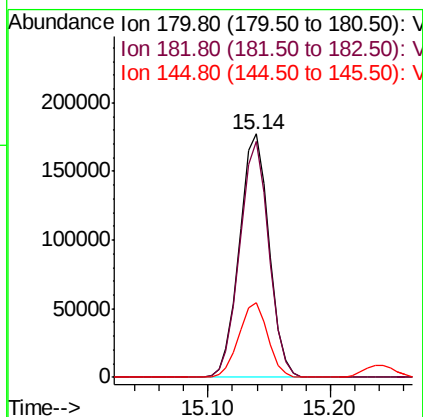
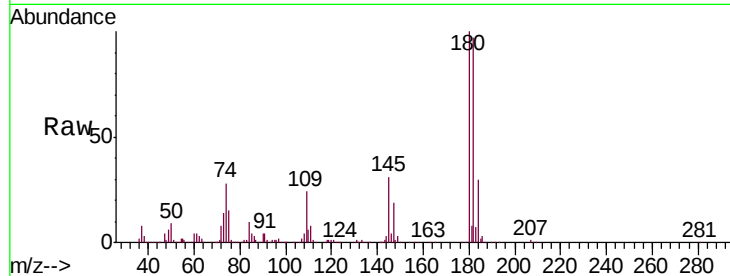




#93
 1,2,4-Trichlorobenzene
 Concen: 53.581 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

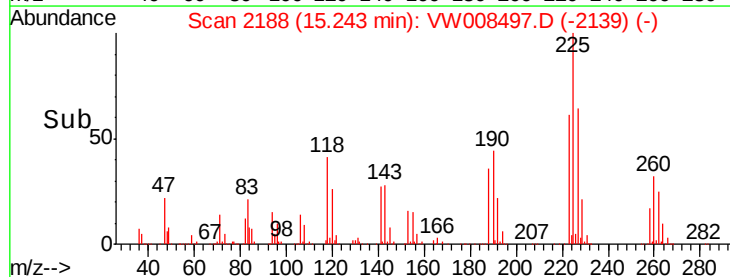
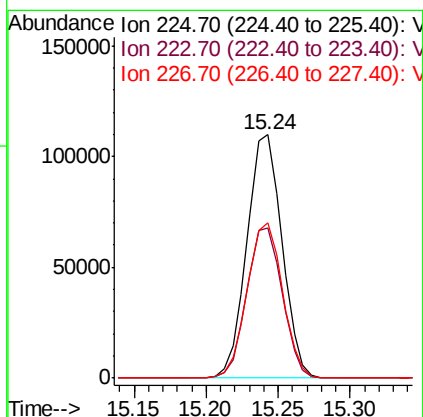
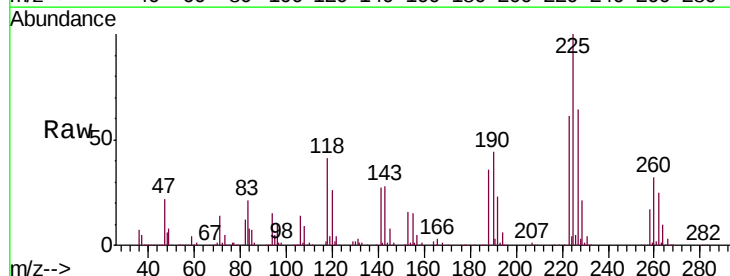
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

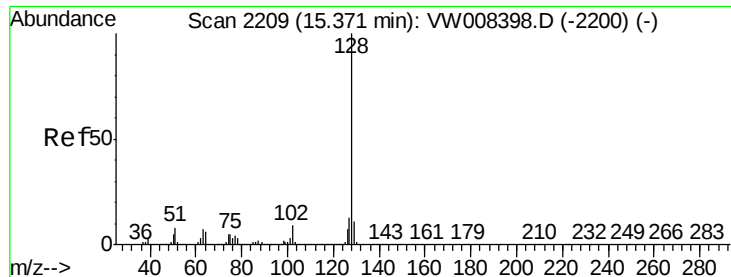
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.7
145	30.2	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 55.288 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008497.D
 Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.7	95.1
227	64.5	32.1	96.3

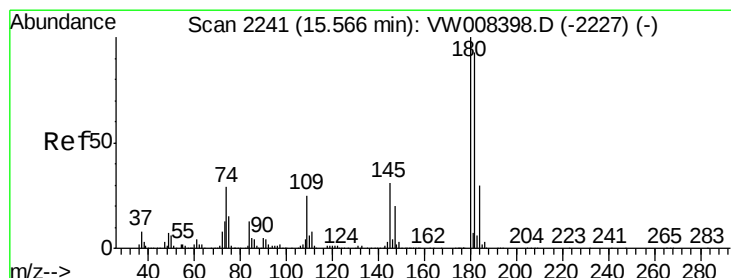
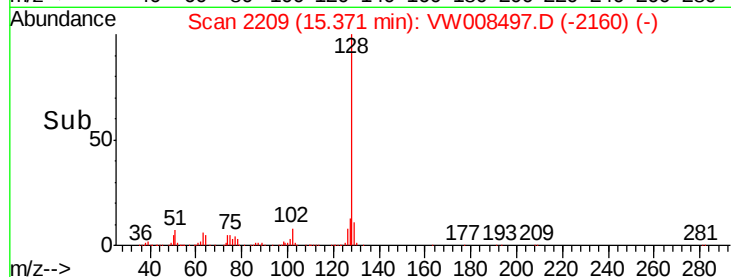
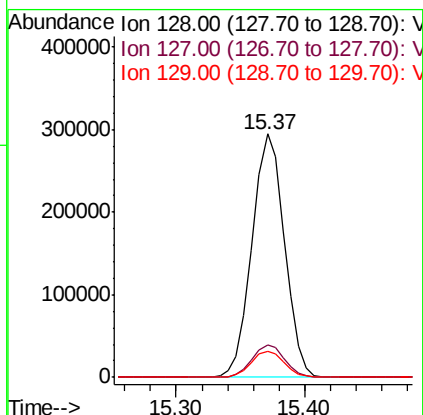
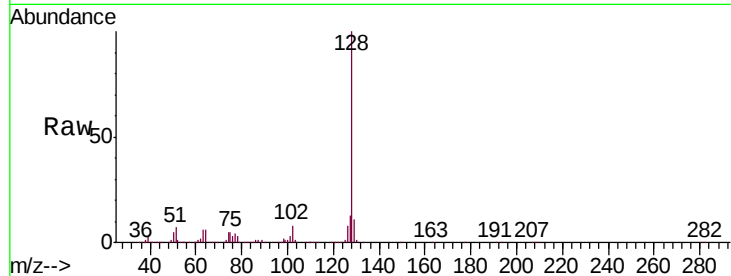




#95
Naphthalene
Concen: 52.451 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.148 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008497.D
Acq: 04 Feb 2019 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.0	141.2
145	32.1	15.9	47.6

