

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010677.D
 Acq On : 04 Jun 2019 15:41
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 05 02:31:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 02:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	273559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	159939	49.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.20%	
35) Dibromofluoromethane	7.88	113	126645	52.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.16%	
50) Toluene-d8	10.32	98	529720	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	191308	49.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	108926	43.088	ug/l	100
3) Chloromethane	2.21	50	164495	44.227	ug/l	100
4) Vinyl Chloride	2.35	62	154972	45.098	ug/l	100
5) Bromomethane	2.76	94	83096	44.035	ug/l	100
6) Chloroethane	2.91	64	97257	47.152	ug/l	100
7) Trichlorofluoromethane	3.25	101	209286	46.918	ug/l	100
8) Diethyl Ether	3.68	74	75079	47.098	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130769	47.683	ug/l	100
10) Methyl Iodide	4.27	142	128201	52.934	ug/l	100
11) Tert butyl alcohol	5.17	59	58758	223.686	ug/l	100
12) 1,1-Dichloroethene	4.03	96	124637	47.113	ug/l	100
13) Acrolein	3.90	56	27430	255.543	ug/l	100
14) Allyl chloride	4.67	41	279536	47.922	ug/l	100
15) Acrylonitrile	5.37	53	177000	228.553	ug/l	100
16) Acetone	4.12	43	214284	248.025	ug/l	100
17) Carbon Disulfide	4.37	76	389746	46.409	ug/l	100
18) Methyl Acetate	4.67	43	81703	43.932	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	360128	47.199	ug/l	100
20) Methylene Chloride	4.92	84	138501	45.697	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	144466	48.104	ug/l	100
22) Diisopropyl ether	6.31	45	560272	47.976	ug/l	100
23) Vinyl Acetate	6.25	43	1703807	241.753	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276917	47.317	ug/l	100
25) 2-Butanone	7.17	43	289536	241.683	ug/l	100
26) 2,2-Dichloropropane	7.17	77	226558	47.573	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157437	47.636	ug/l	100
28) Bromochloromethane	7.51	49	128021	49.017	ug/l	100
29) Tetrahydrofuran	7.53	42	171439	227.513	ug/l	100
30) Chloroform	7.68	83	253132	47.288	ug/l	100
31) Cyclohexane	7.95	56	293163	45.063	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	222685	47.622	ug/l	100
36) 1,1-Dichloropropene	8.08	75	217978	47.536	ug/l	100
37) Ethyl Acetate	7.25	43	117278	46.153	ug/l	100
38) Carbon Tetrachloride	8.07	117	192977	48.750	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	280283	48.082	ug/l	100
40) Benzene	8.32	78	594146	47.495	ug/l	100
41) Methacrylonitrile	7.48	41	70596	46.740	ug/l	100
42) 1,2-Dichloroethane	8.40	62	188338	47.436	ug/l	100
43) Isopropyl Acetate	8.43	43	230523	46.958	ug/l	100
44) Trichloroethene	9.09	130	146234	47.389	ug/l	100
45) 1,2-Dichloropropane	9.37	63	158624	47.901	ug/l	100
46) Dibromomethane	9.46	93	73067	47.505	ug/l	100
47) Bromodichloromethane	9.65	83	192083	48.177	ug/l	100
48) Methyl methacrylate	9.44	41	113066	47.769	ug/l	100
49) 1,4-Dioxane	9.45	88	21259	884.045	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	583012	232.466	ug/l	100
52) Toluene	10.39	92	370018	48.073	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	205058	48.557	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	240779	48.454	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	105967	47.824	ug/l	100
56) Ethyl methacrylate	10.65	69	163234	47.876	ug/l	100
57) 1,3-Dichloropropane	10.93	76	197618	47.325	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	399501	223.707	ug/l	100
59) 2-Hexanone	10.97	43	430188	237.339	ug/l	100
60) Dibromochloromethane	11.13	129	118992	48.444	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99728	47.504	ug/l	100
64) Tetrachloroethene	10.86	164	127072	48.608	ug/l	100
65) Chlorobenzene	11.66	112	372555	48.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	131517	49.068	ug/l	100
67) Ethyl Benzene	11.73	91	712932	47.910	ug/l	100
68) m/p-Xylenes	11.84	106	511348	95.995	ug/l	100
69) o-Xylene	12.17	106	243298	48.158	ug/l	100
70) Styrene	12.18	104	424411	48.360	ug/l	100
71) Bromoform	12.35	173	67360	48.593	ug/l #	100
73) Isopropylbenzene	12.47	105	677275	48.993	ug/l	100
74) N-amyl acetate	12.27	43	214899	48.101	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	126284	47.986	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	168777	64.043	ug/l #	100
77) Bromobenzene	12.75	156	147763	48.968	ug/l	100
78) n-propylbenzene	12.80	91	818187	49.085	ug/l	100
79) 2-Chlorotoluene	12.90	91	464270	48.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	552922	48.866	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41627	49.524	ug/l	100
82) 4-Chlorotoluene	12.99	91	476420	48.478	ug/l	100
83) tert-Butylbenzene	13.21	119	469890	48.932	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	554333	48.684	ug/l	100
85) sec-Butylbenzene	13.38	105	685622	49.038	ug/l	100
86) p-Isopropyltoluene	13.50	119	610791	48.851	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	286352	49.208	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	276687	47.961	ug/l	100
89) n-Butylbenzene	13.83	91	614699	49.275	ug/l	100
90) Hexachloroethane	14.10	117	112320	50.163	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	250890	47.942	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21238	46.995	ug/l	100

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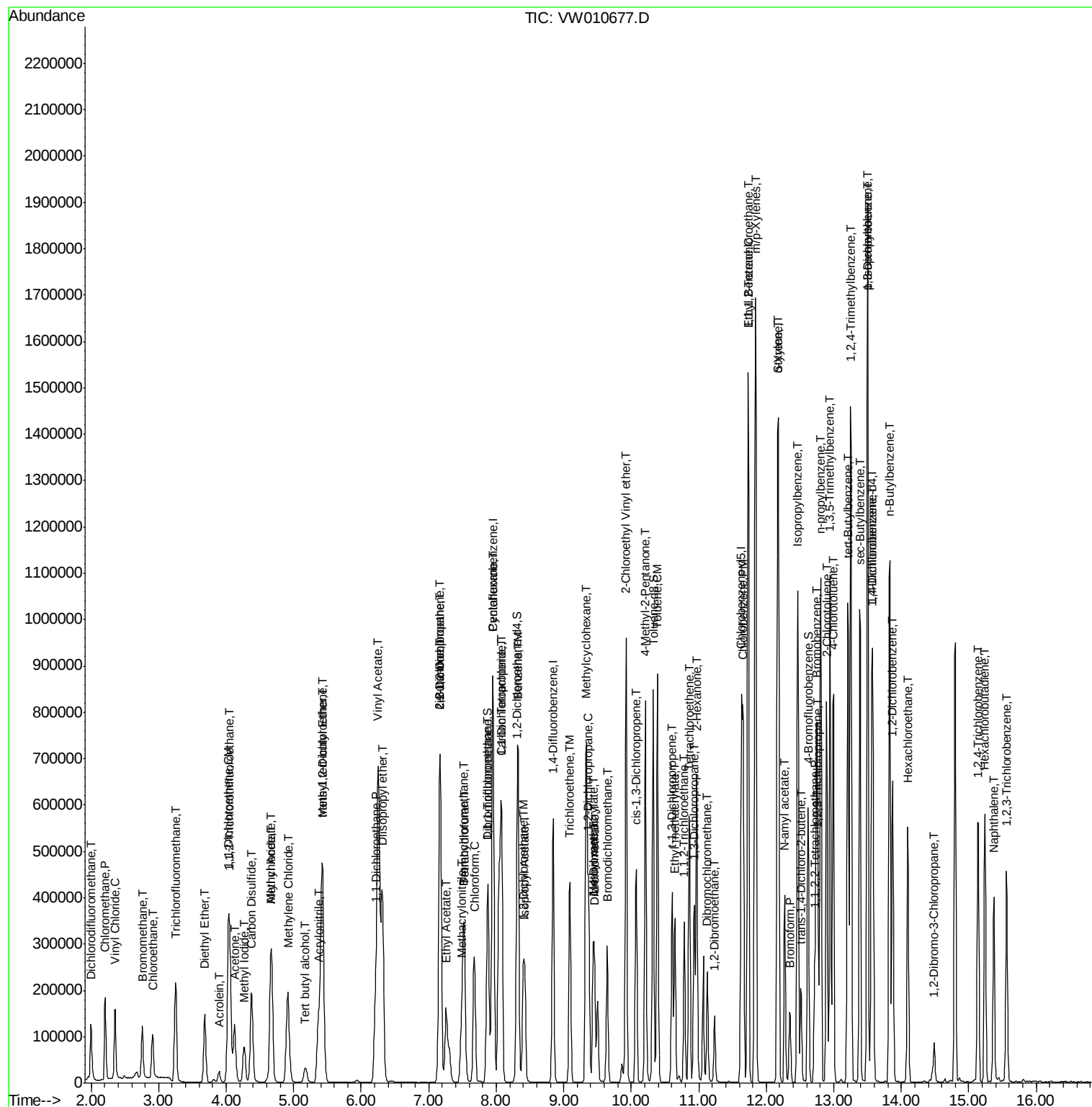
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182242	49.625	ug/l	100
94) Hexachlorobutadiene	15.24	225	112631	48.868	ug/l	100
95) Naphthalene	15.37	128	329558	49.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	155347	49.740	ug/l	100

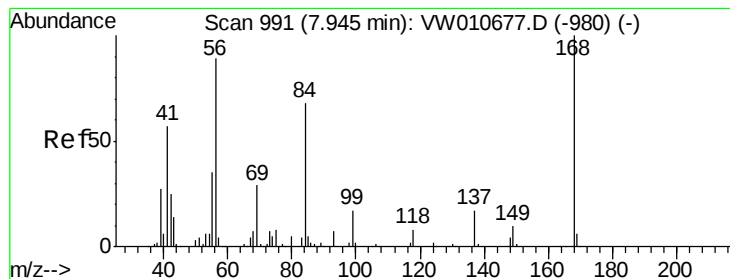
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

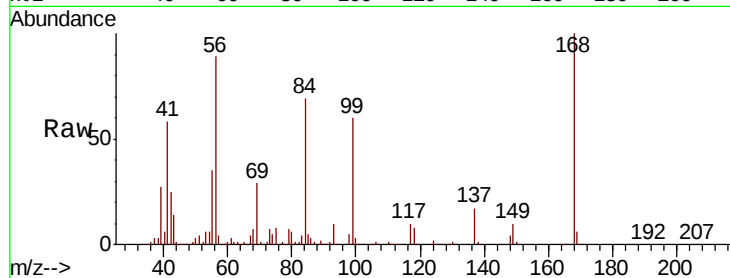
VSTDICCC050

Tot Ion:168 Resp: 273559

Ion Ratio Lower Upper

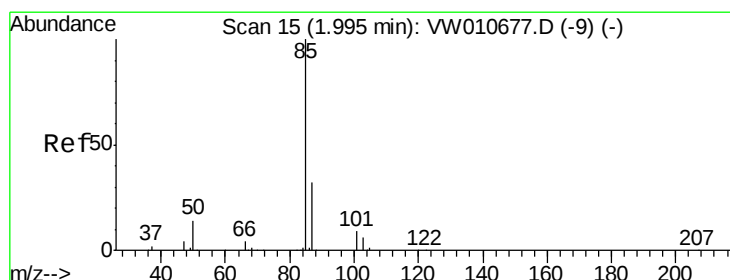
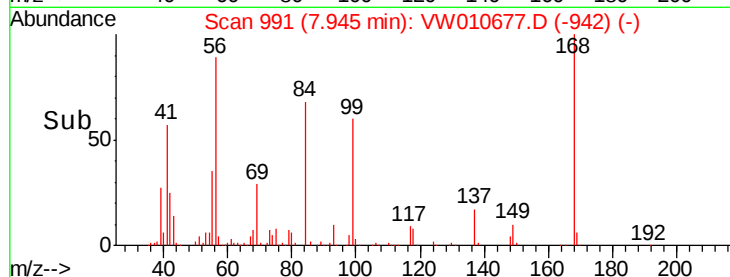
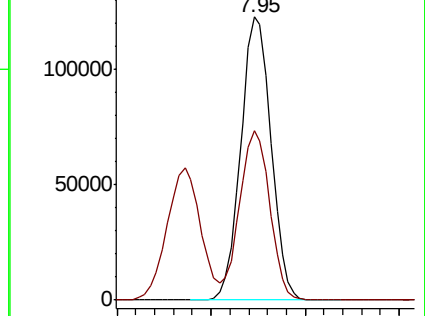
168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.088 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010677.D

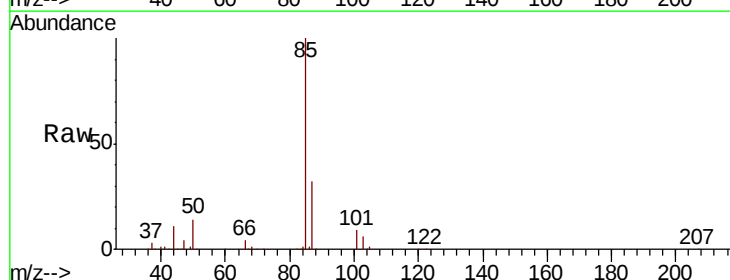
Acq: 04 Jun 2019 15:41

Tgt Ion: 85 Resp: 108926

Ion Ratio Lower Upper

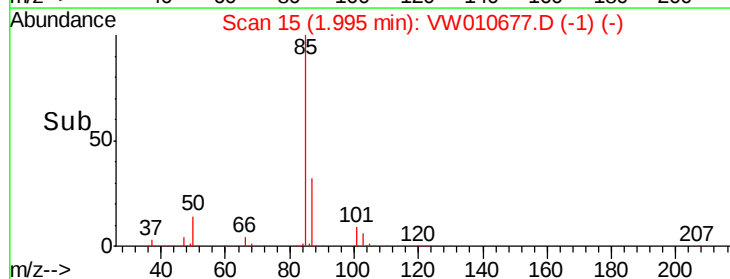
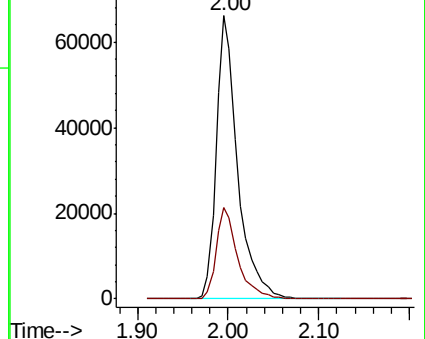
85 100

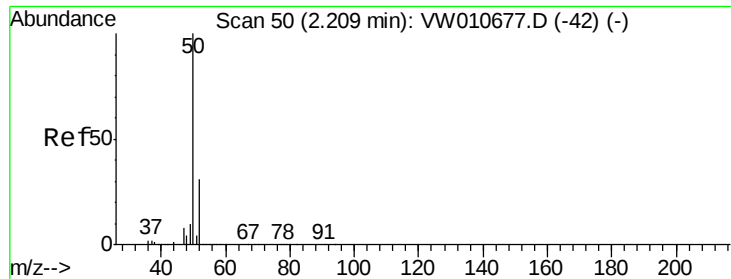
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

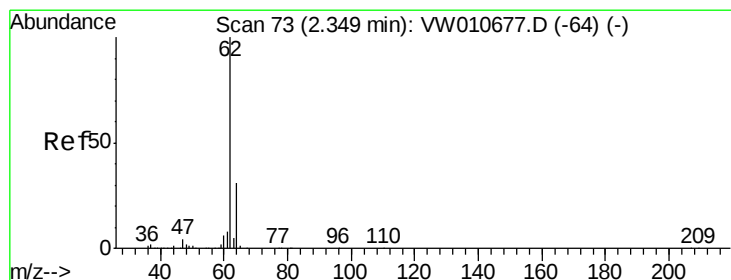
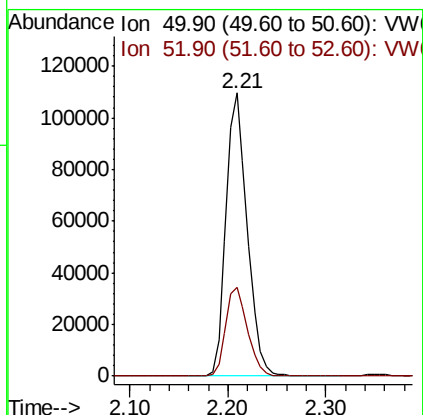
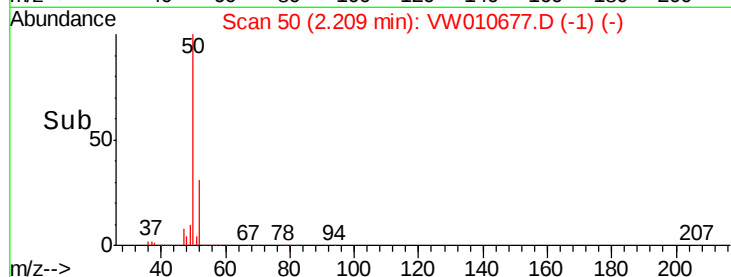
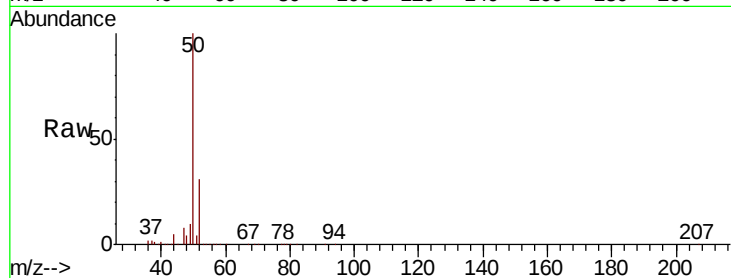




#3
Chloromethane
Concen: 44.227 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

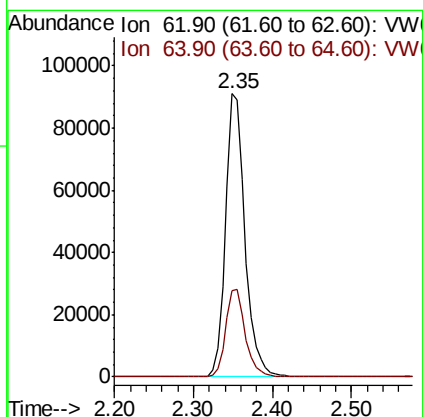
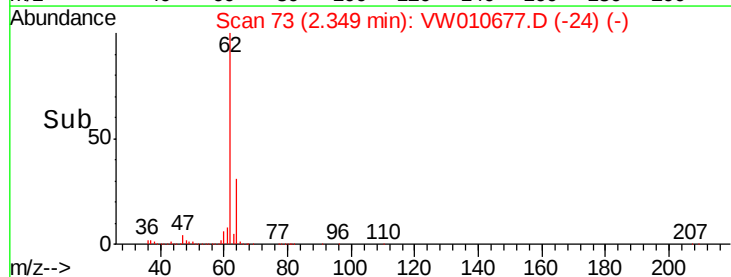
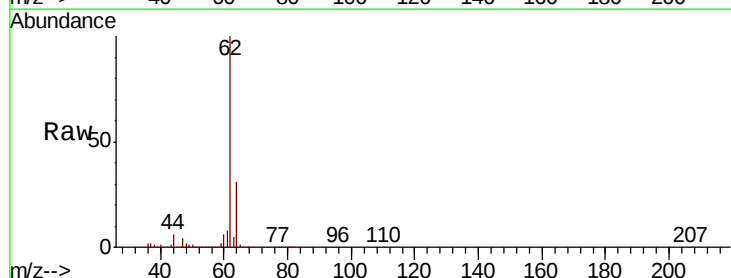
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

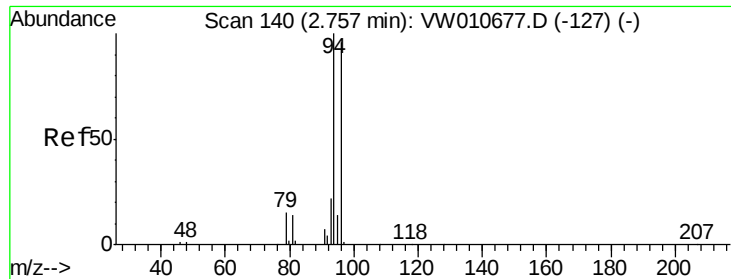
Tot Ion: 50 Resp: 164495
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 45.098 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 62 Resp: 154972
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7





#5

Bromomethane

Concen: 44.035 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

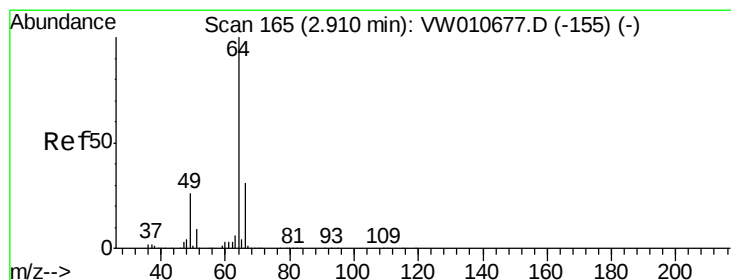
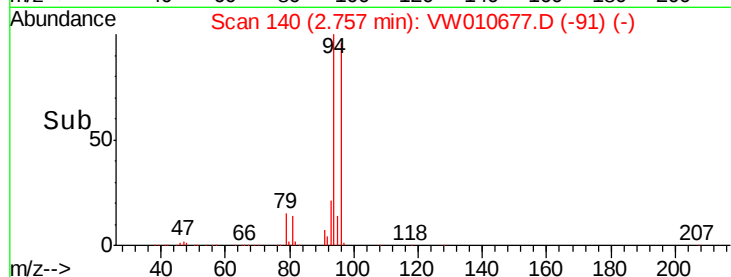
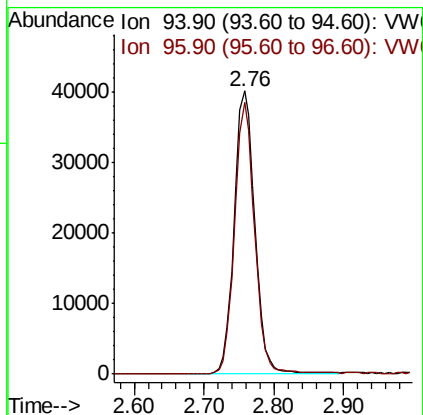
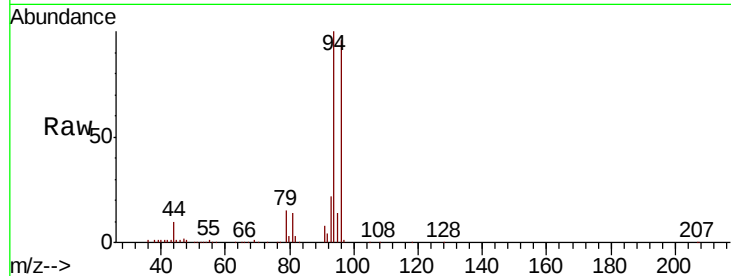
VSTDICCC050

Tot Ion: 94 Resp: 83096

Ion Ratio Lower Upper

94 100

96 95.6 76.5 114.7



#6

Chloroethane

Concen: 47.152 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW010677.D

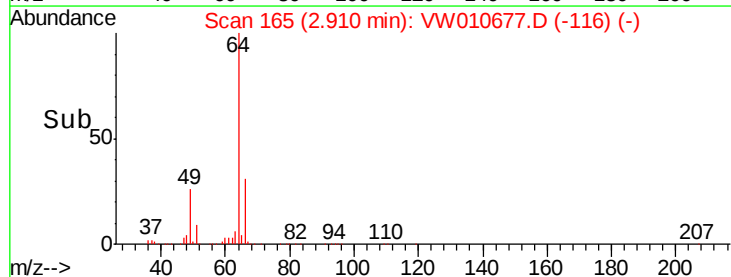
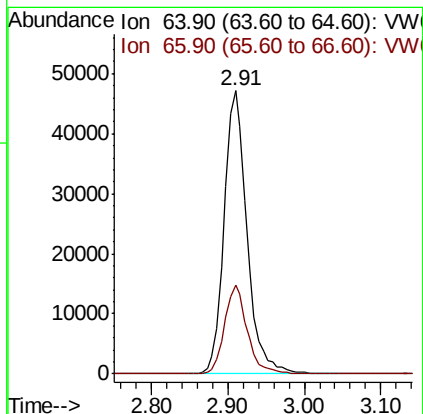
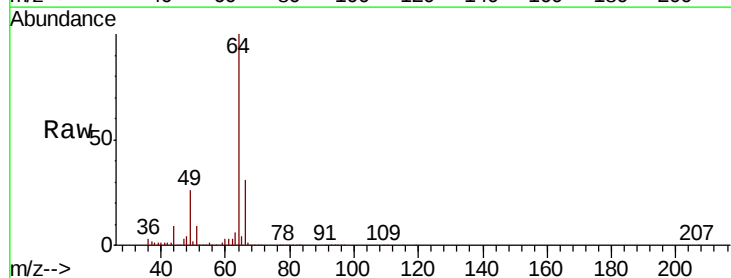
Acq: 04 Jun 2019 15:41

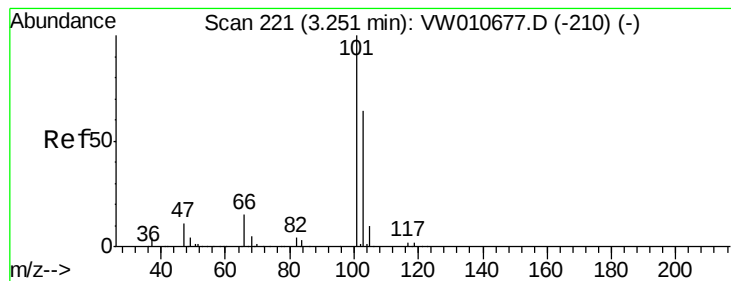
Tgt Ion: 64 Resp: 97257

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



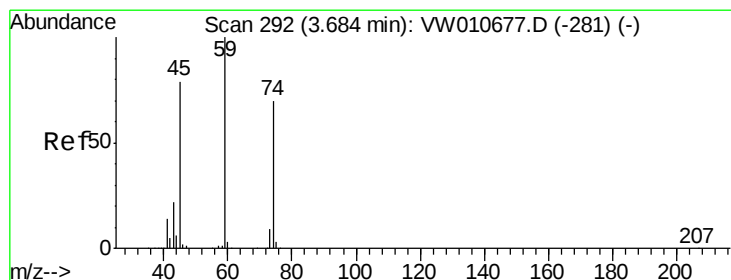
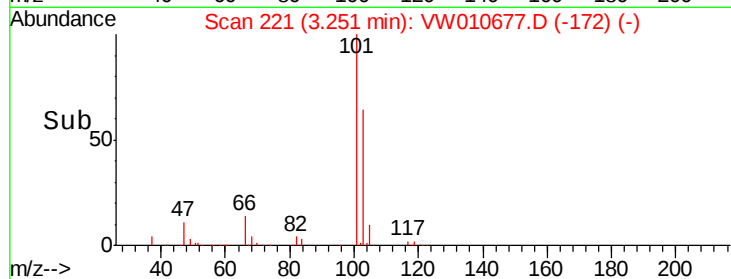
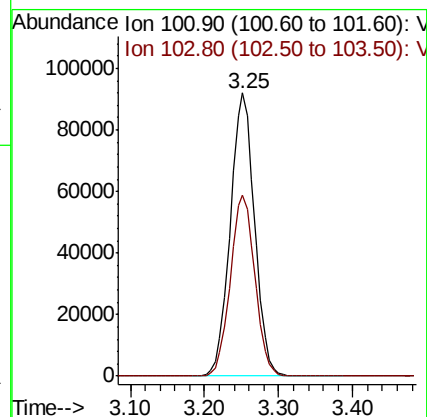
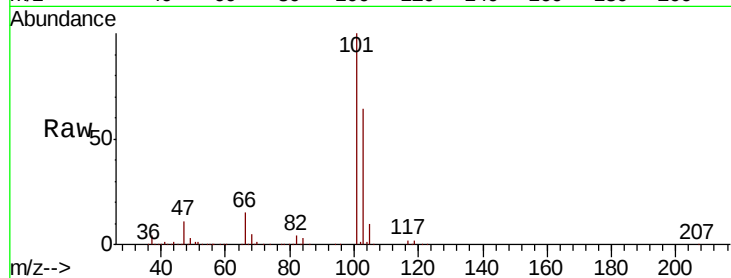


#7

Trichlorofluoromethane
 Concen: 46.918 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Instrument :
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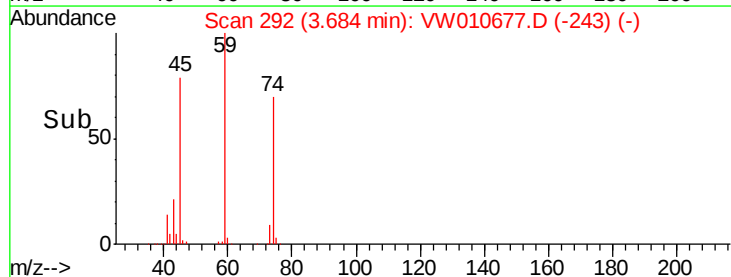
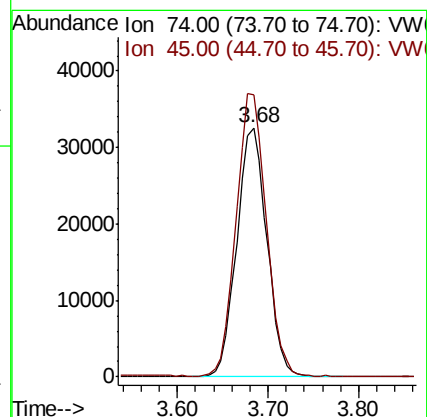
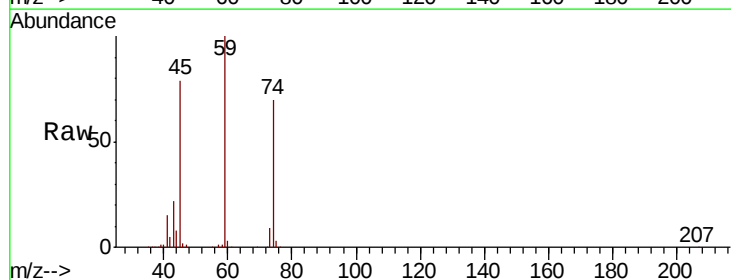
Tot Ion:101 Resp: 209286
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

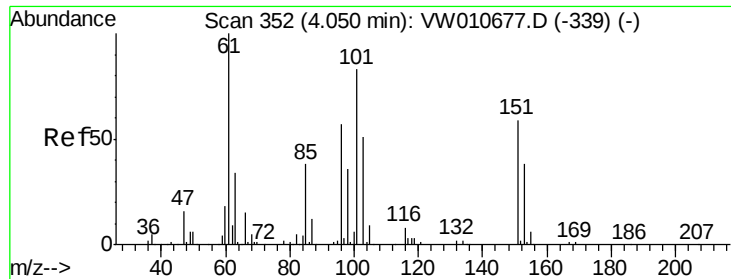


#8

Diethyl Ether
 Concen: 47.098 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion: 74 Resp: 75079
 Ion Ratio Lower Upper
 74 100
 45 113.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.683 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

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VSTDICCC050

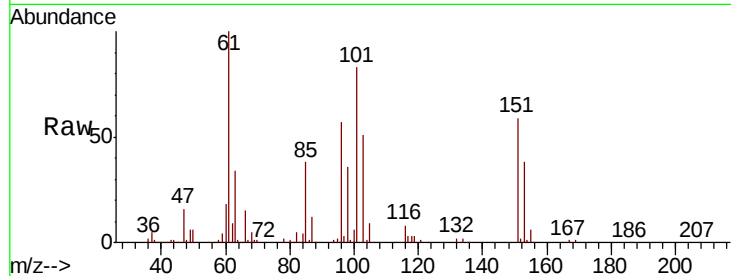
Tot Ion:101 Resp: 130769

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.8

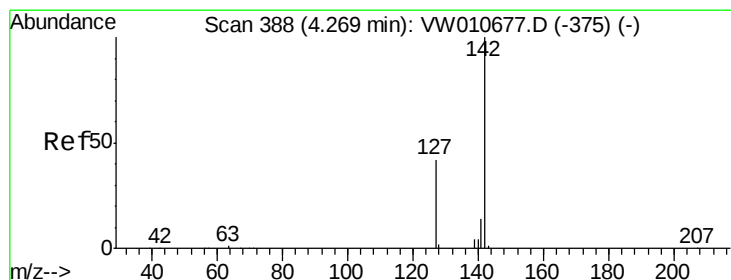
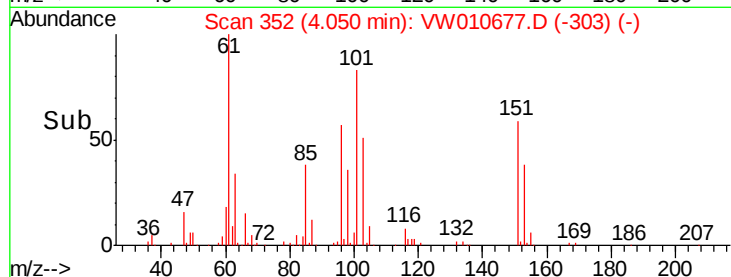
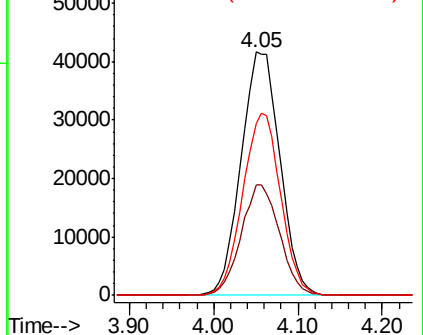
151 72.6 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.934 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

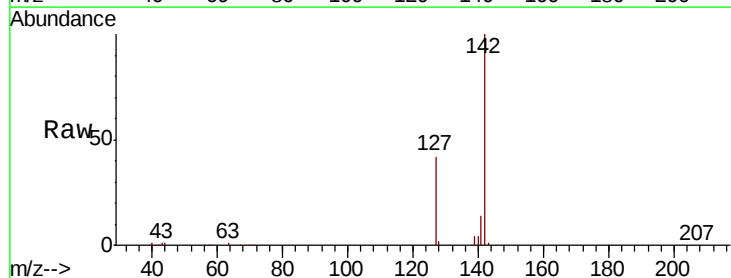
Tgt Ion:142 Resp: 128201

Ion Ratio Lower Upper

142 100

127 43.2 34.6 51.8

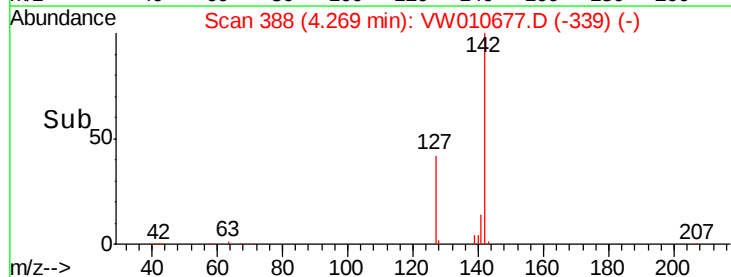
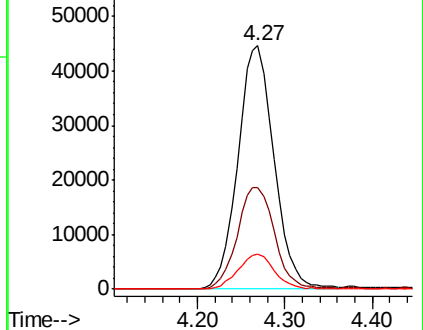
141 14.5 11.6 17.4

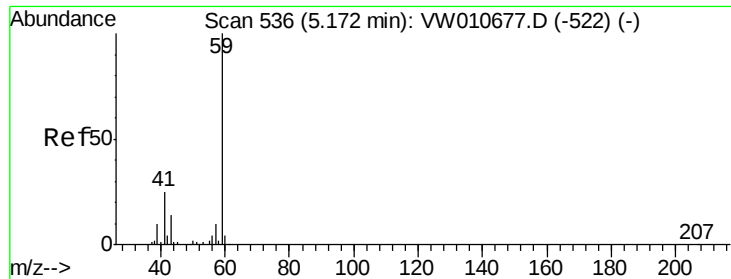


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



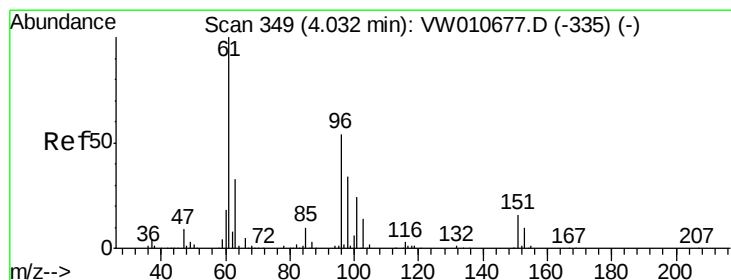
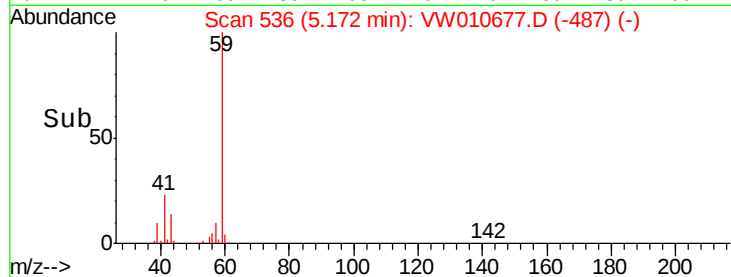
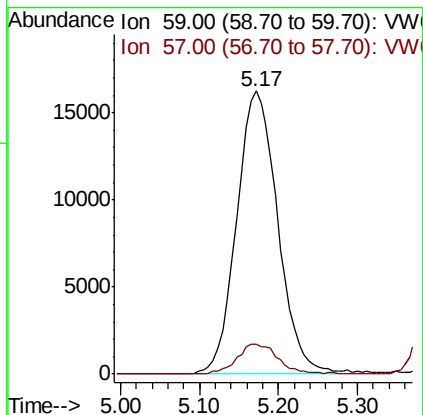
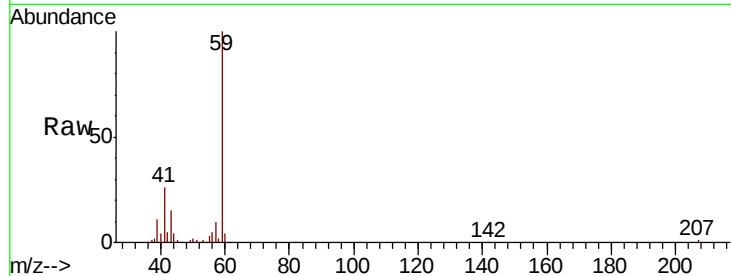


#11

Tert butyl alcohol
Concen: 223.686 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

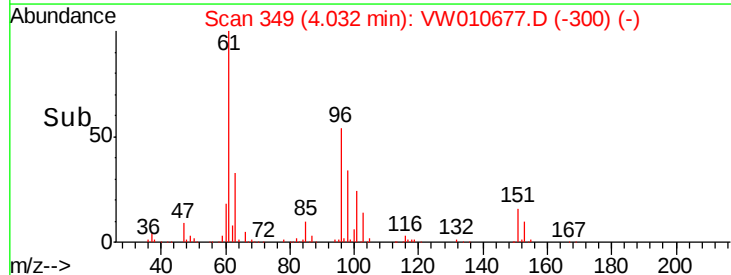
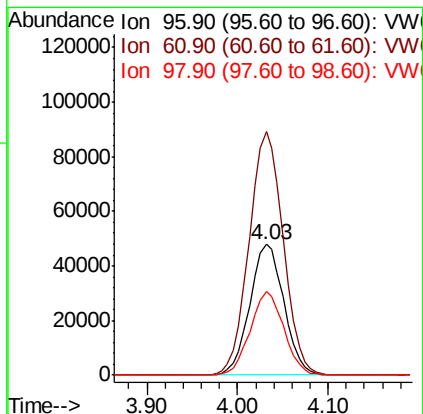
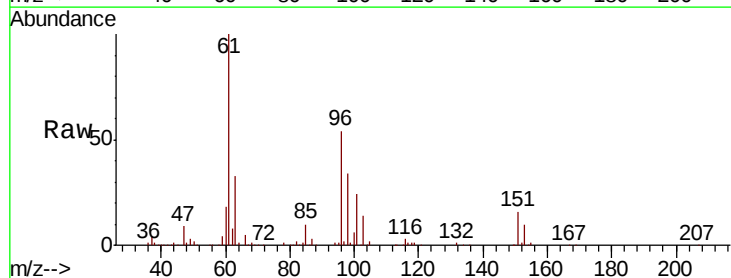
Tot Ion: 59 Resp: 58758
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

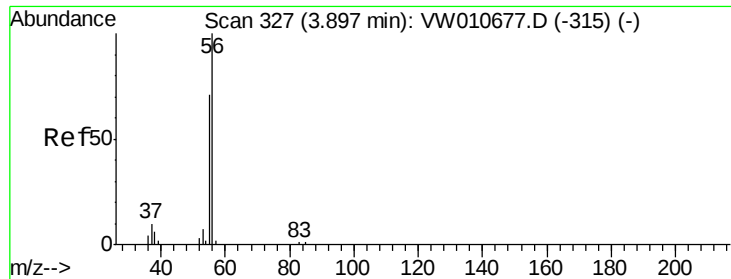


#12

1,1-Dichloroethene
Concen: 47.113 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 96 Resp: 124637
Ion Ratio Lower Upper
96 100
61 186.4 149.1 223.7
98 63.9 51.1 76.7

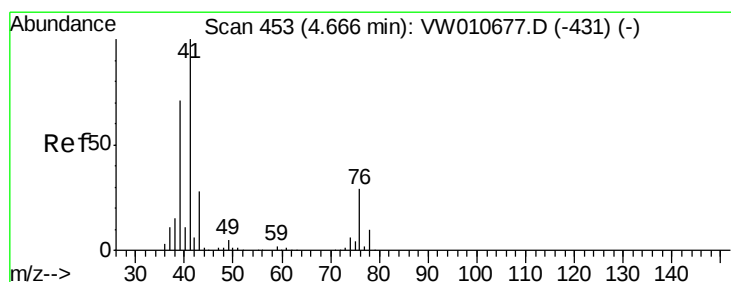
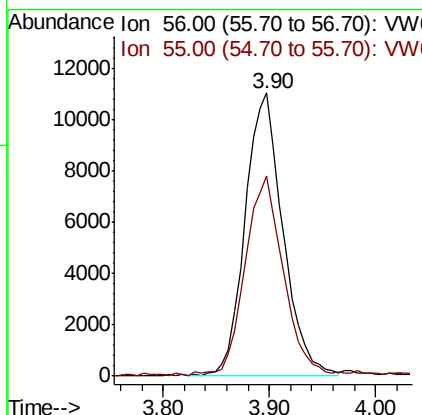
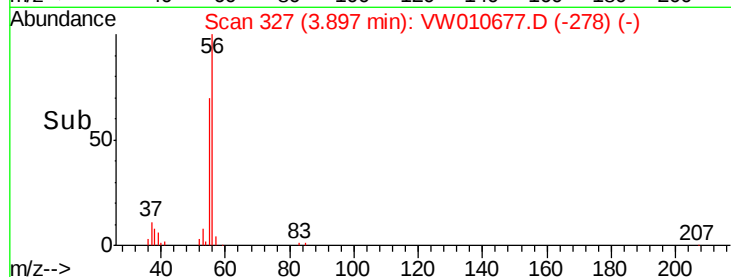
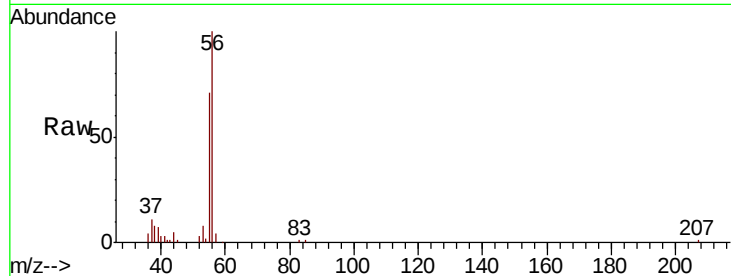




#13
Acrolein
Concen: 255.543 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

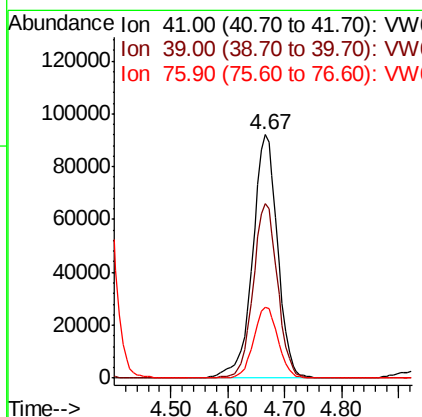
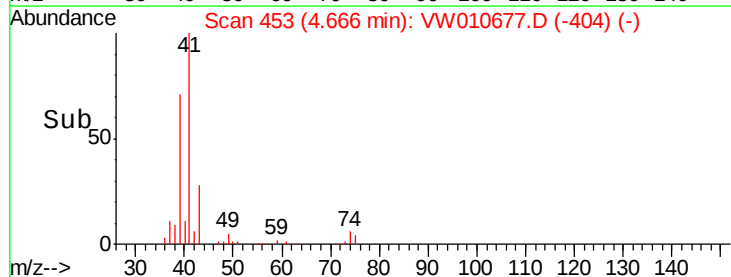
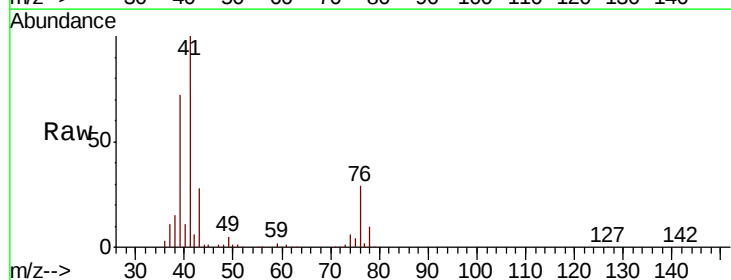
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

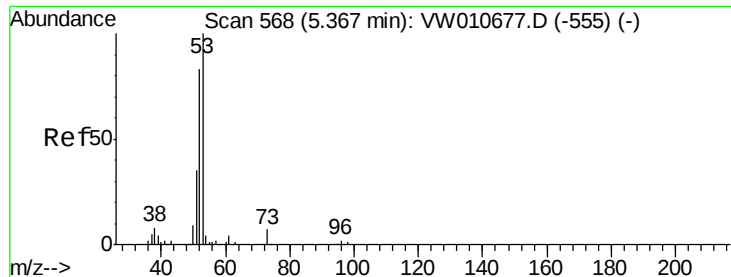
Tot Ion: 56 Resp: 27430
Ion Ratio Lower Upper
56 100
55 72.0 57.6 86.4



#14
Allyl chloride
Concen: 47.922 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 41 Resp: 279536
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 28.4 22.7 34.1





#15

Acrylonitrile

Concen: 228.553 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

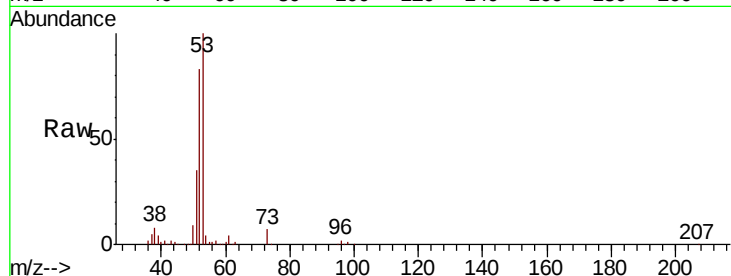
Tot Ion: 53 Resp: 177000

Ion Ratio Lower Upper

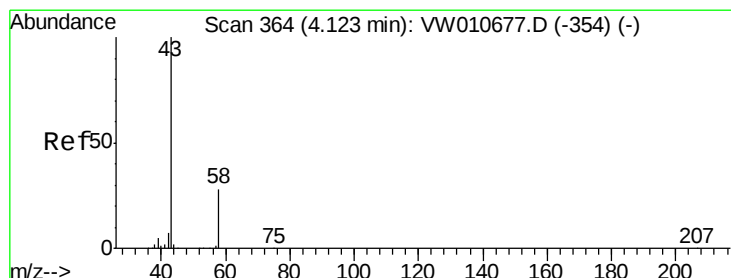
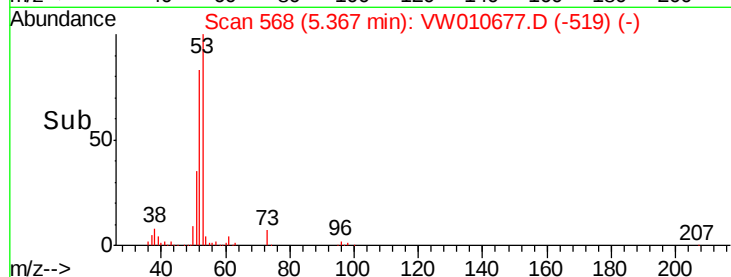
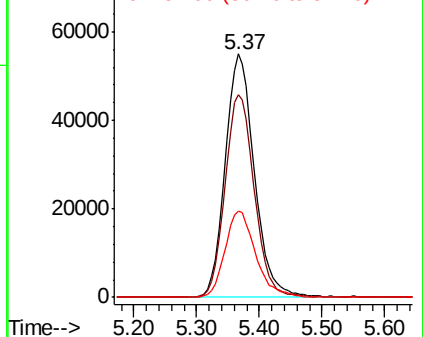
53 100

52 83.3 66.6 100.0

51 37.3 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: 248.025 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010677.D

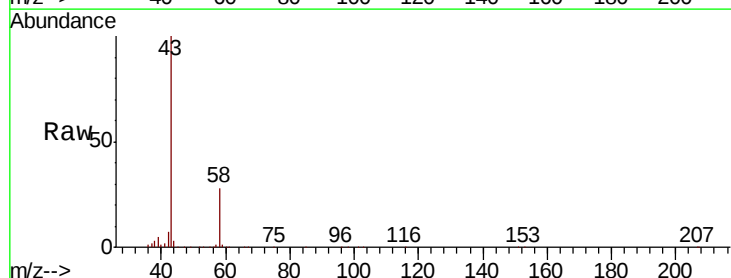
Acq: 04 Jun 2019 15:41

Tgt Ion: 43 Resp: 214284

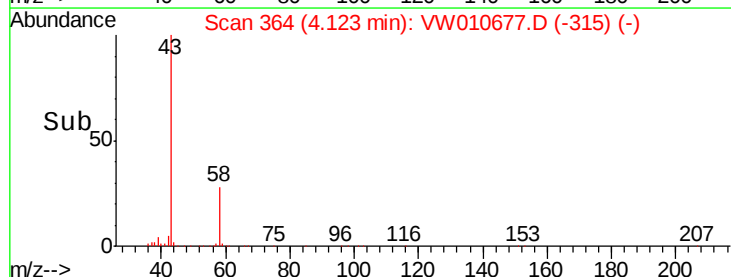
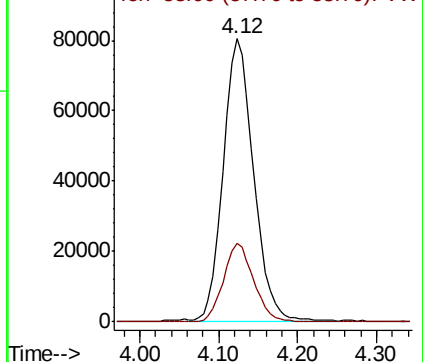
Ion Ratio Lower Upper

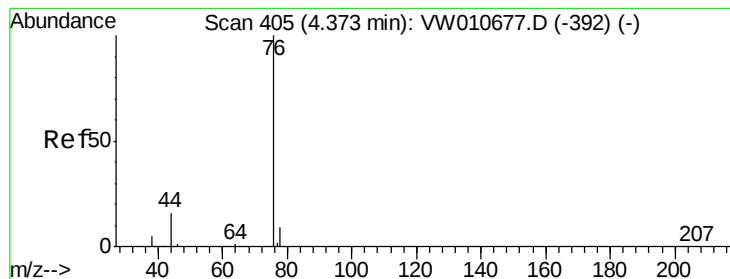
43 100

58 27.6 22.1 33.1



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





#17

Carbon Disulfide

Concen: 46.409 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

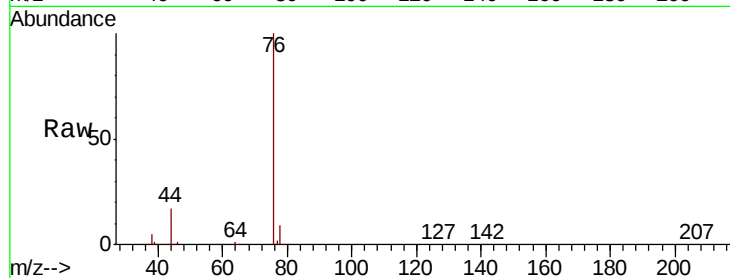
VSTDICCC050

Tot Ion: 76 Resp: 389746

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

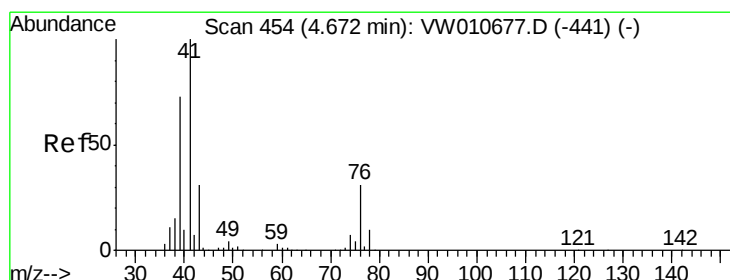
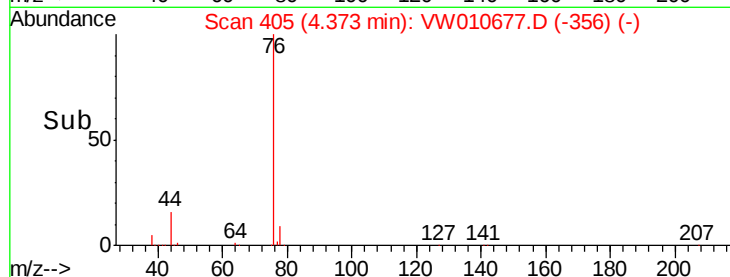
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.932 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010677.D

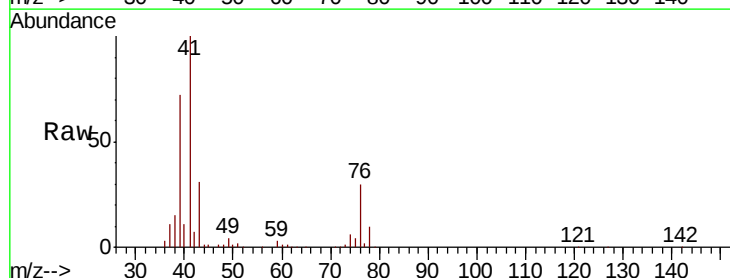
Acq: 04 Jun 2019 15:41

Tgt Ion: 43 Resp: 81703

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

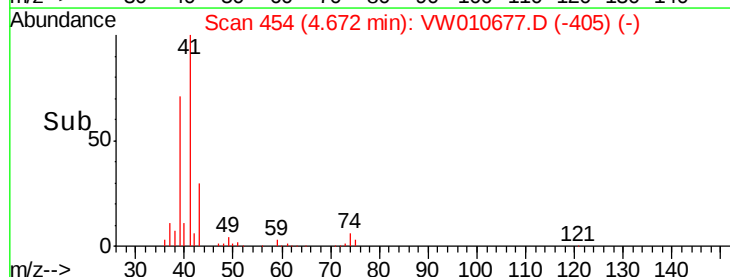
15000

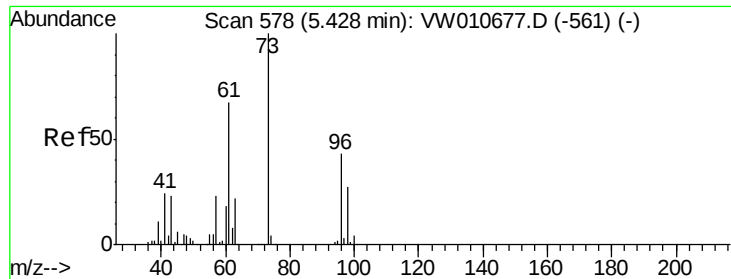
10000

5000

0

Time-->

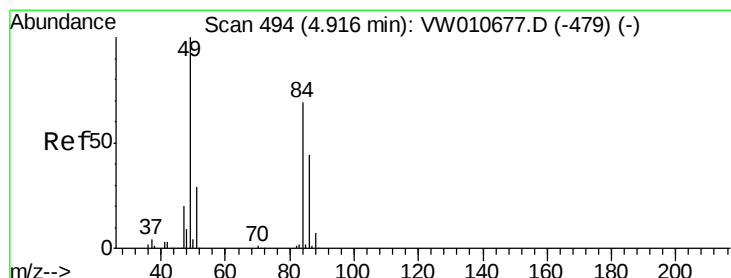
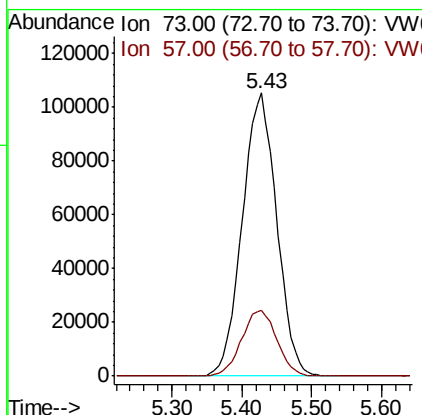
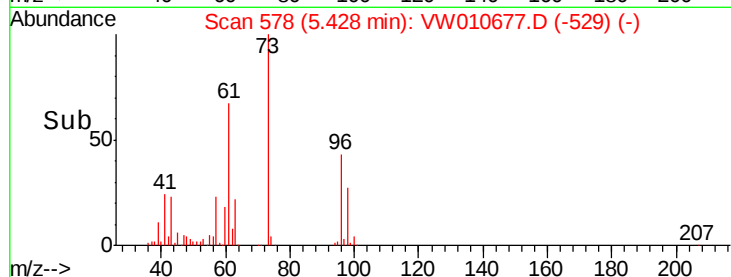
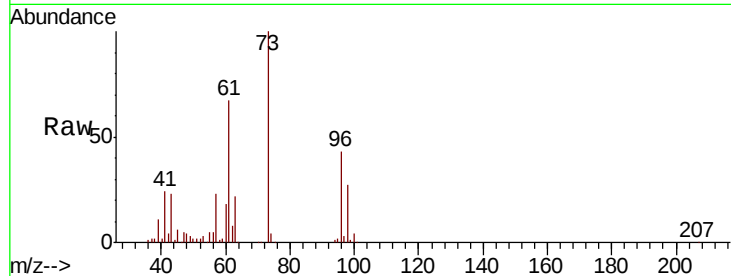




#19
Methvl tert-butvl Ether
Concen: 47.199 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

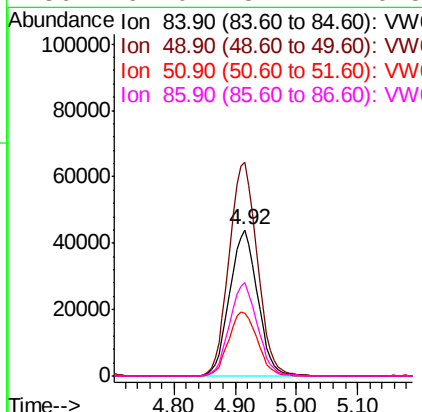
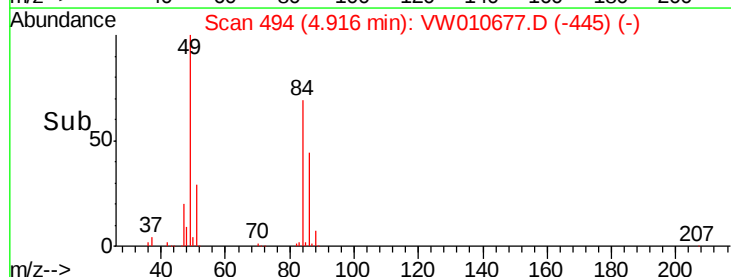
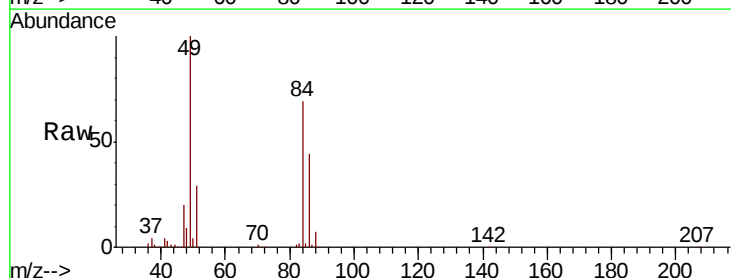
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

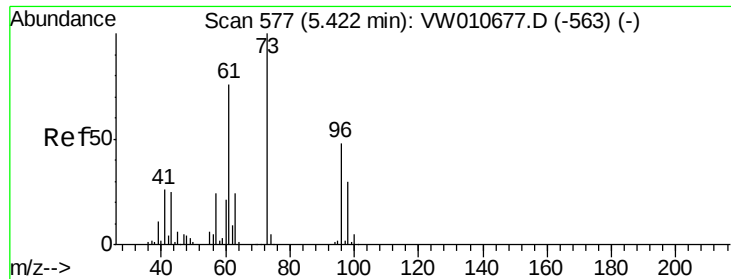
Tot Ion: 73 Resp: 360128
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8



#20
Methylene Chloride
Concen: 45.697 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 84 Resp: 138501
Ion Ratio Lower Upper
84 100
49 145.9 116.7 175.1
51 42.7 34.2 51.2
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.104 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

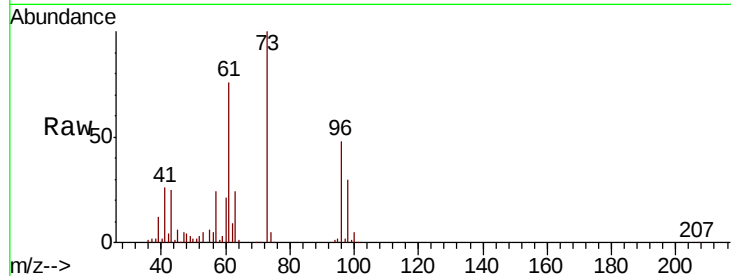
Tot Ion: 96 Resp: 144466

Ion Ratio Lower Upper

96 100

61 157.5 126.0 189.0

98 62.0 49.6 74.4

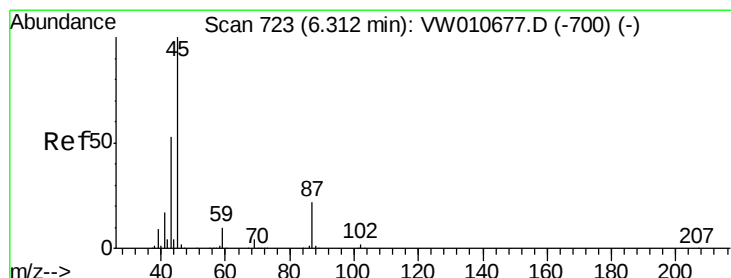
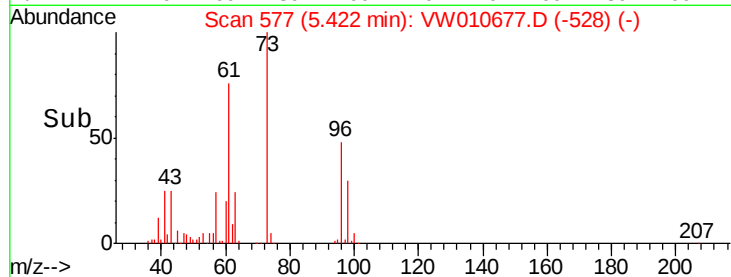
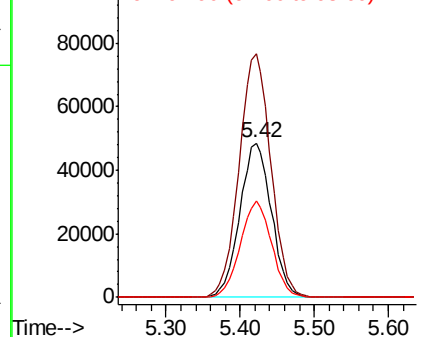


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 47.976 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Tgt Ion: 45 Resp: 560272

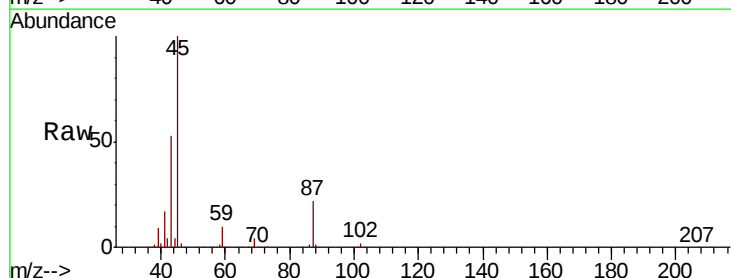
Ion Ratio Lower Upper

45 100

43 53.1 42.5 63.7

87 21.8 17.4 26.2

59 10.1 8.1 12.1



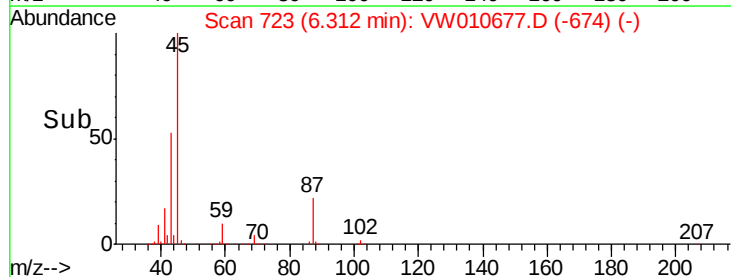
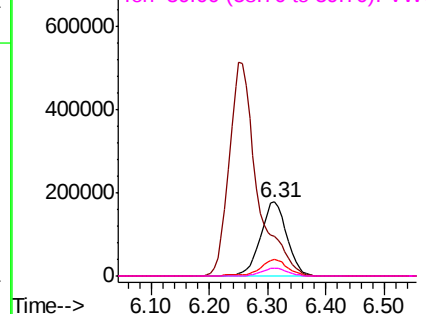
Abundance

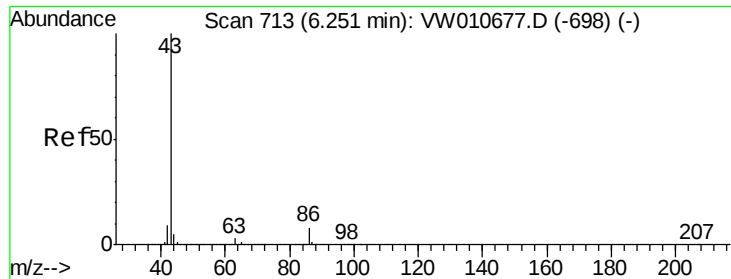
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

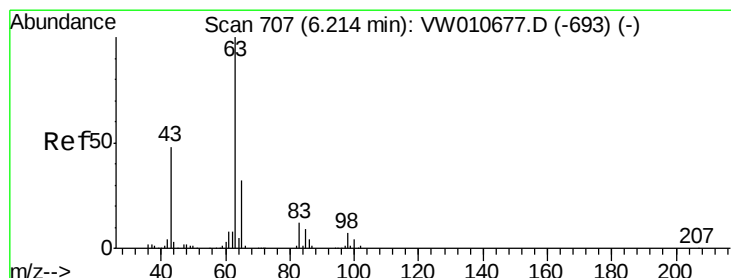
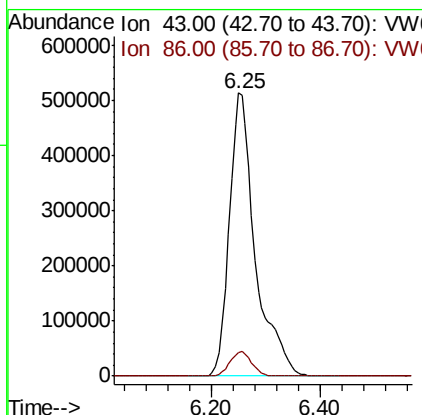
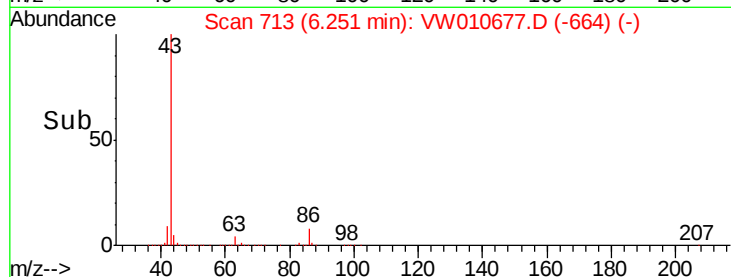
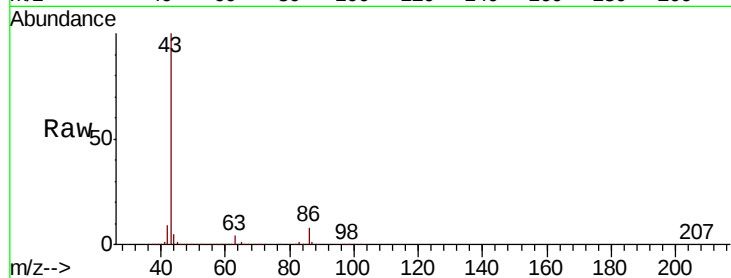




#23
 Vinyl Acetate
 Concen: 241.753 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

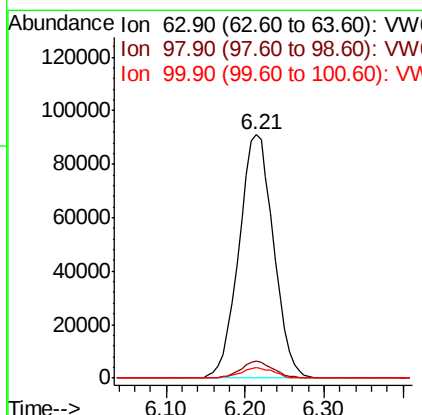
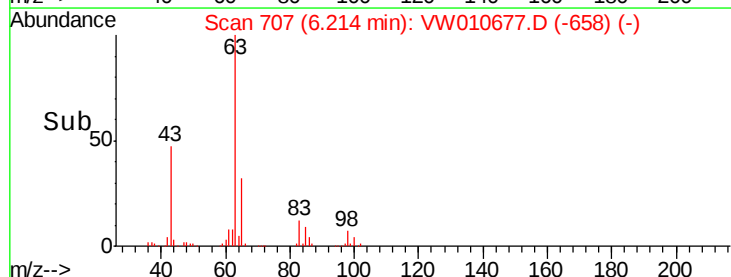
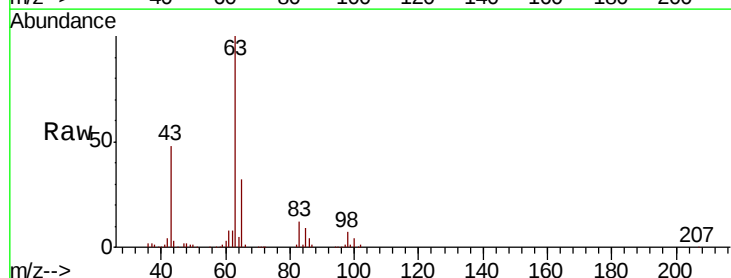
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

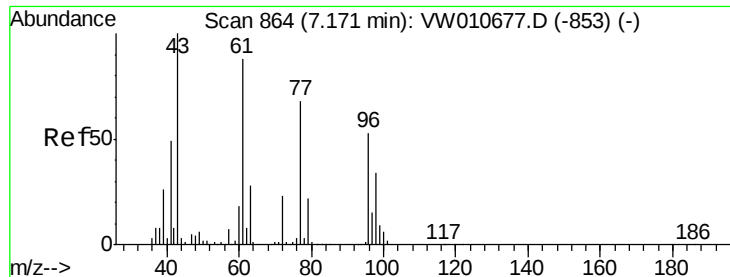
Tot Ion: 43 Resp: 1703807
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 47.317 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion: 63 Resp: 276917
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 241.683 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

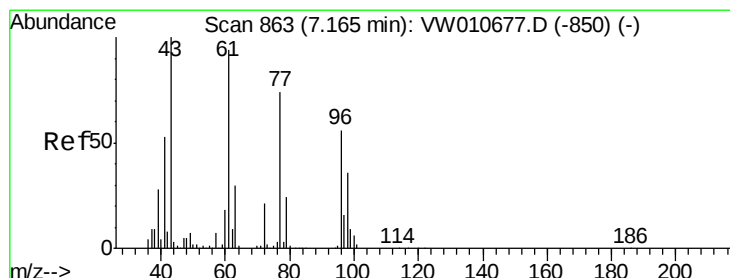
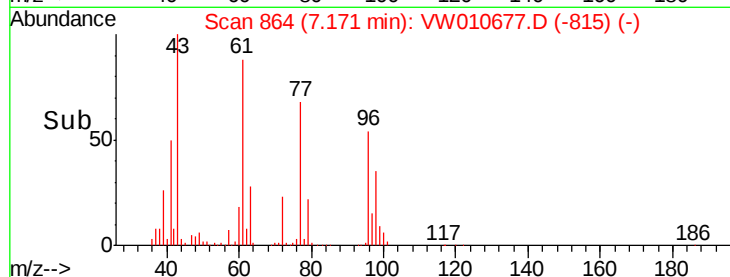
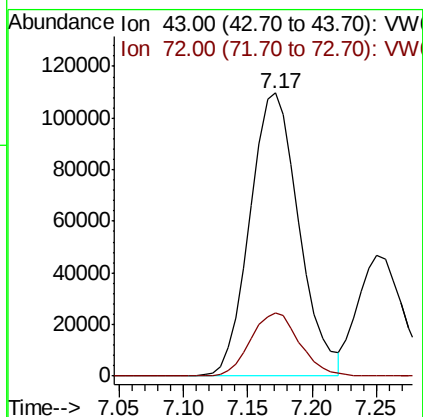
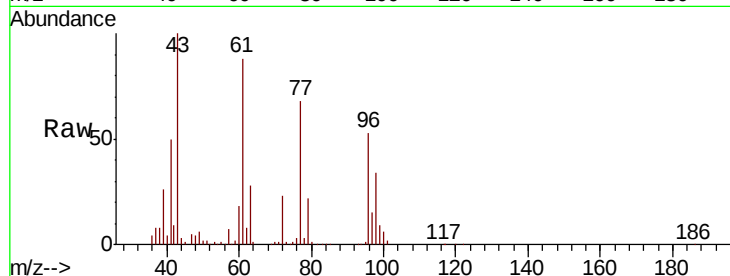
VSTDICCC050

Tot Ion: 43 Resp: 289536

Ion Ratio Lower Upper

43 100

72 22.6 18.1 27.1



#26

2,2-Dichloropropane

Concen: 47.573 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010677.D

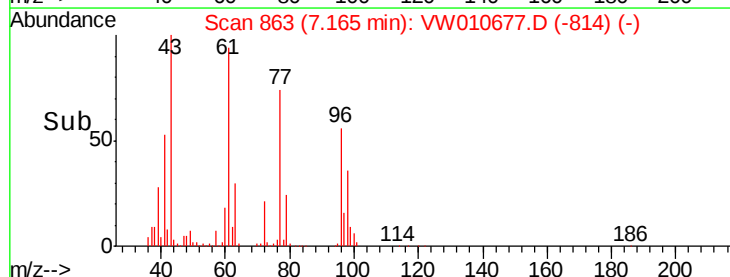
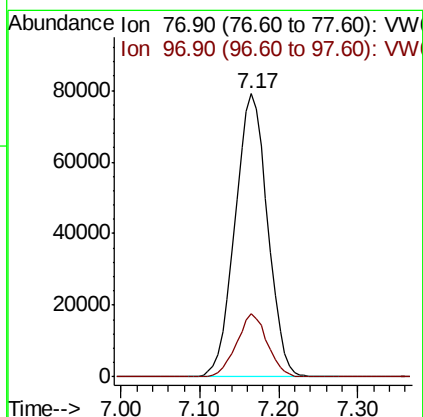
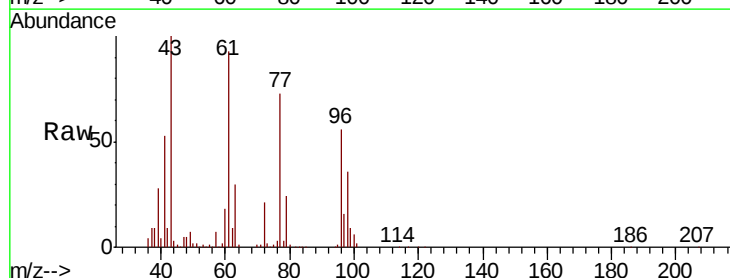
Acq: 04 Jun 2019 15:41

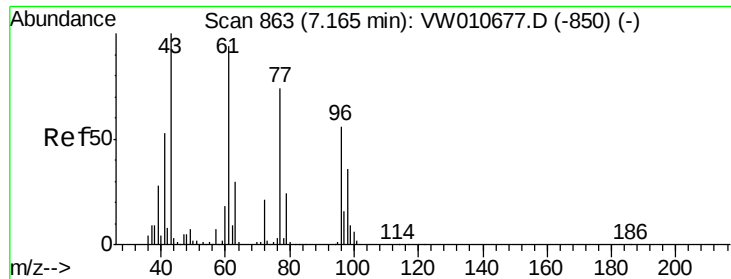
Tgt Ion: 77 Resp: 226558

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6

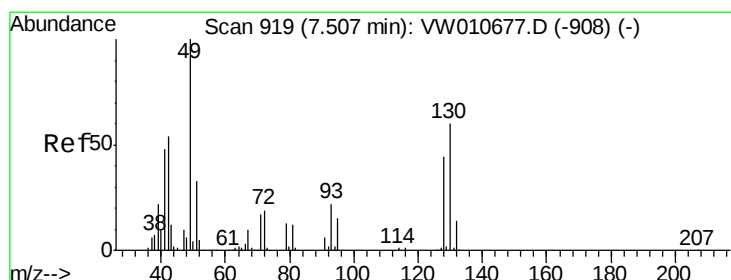
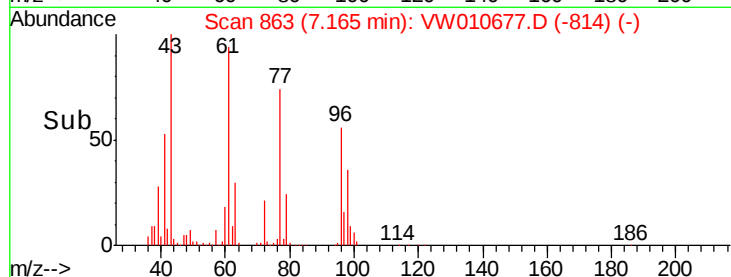
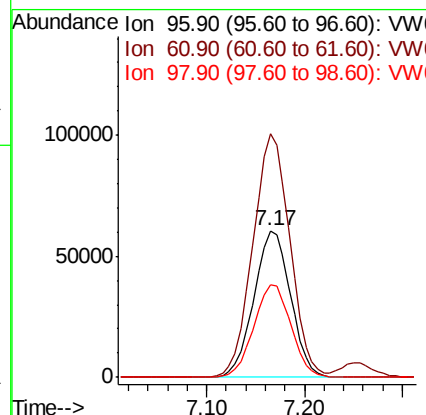
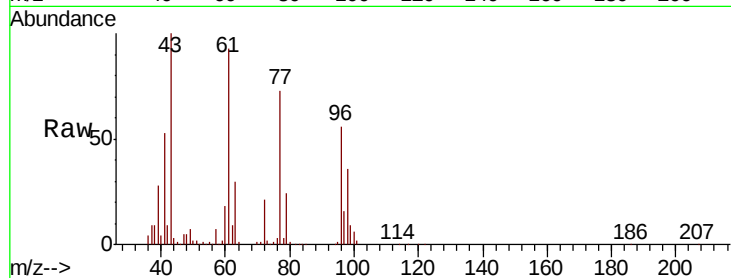




#27
 cis-1,2-Dichloroethene
 Concen: 47.636 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

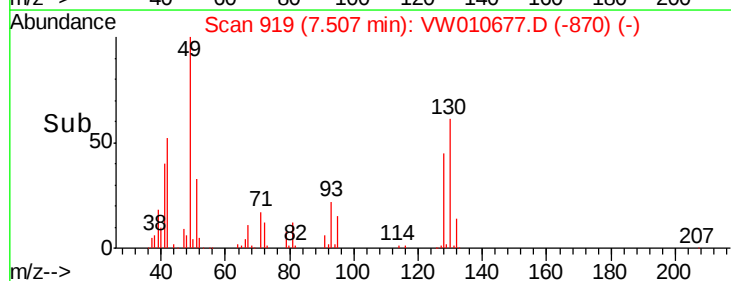
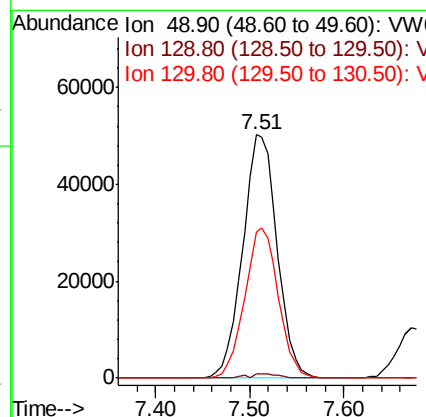
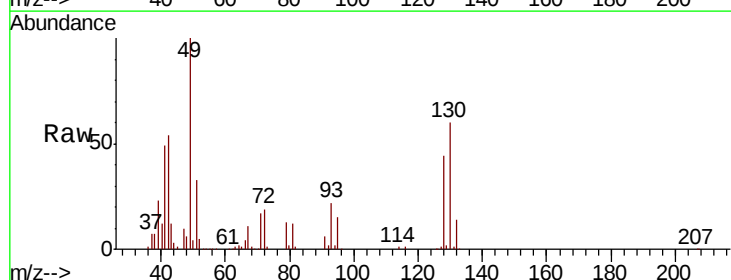
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

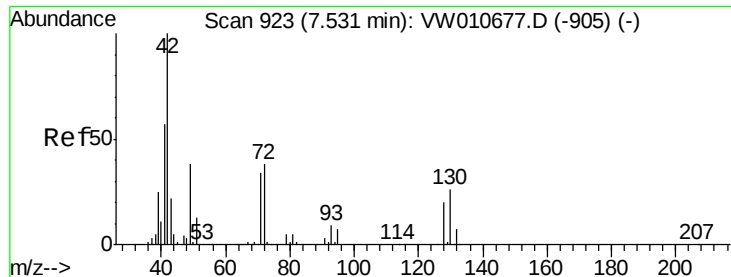
Tot Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	336.4
98	64.0	0.0	128.0



#28
 Bromochloromethane
 Concen: 49.017 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	60.4	48.3	72.5

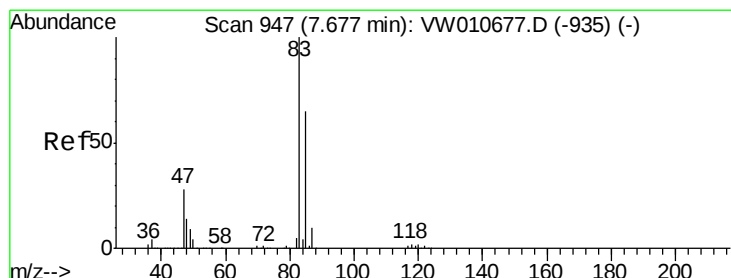
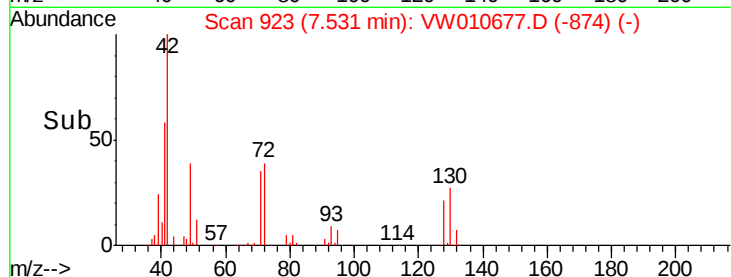
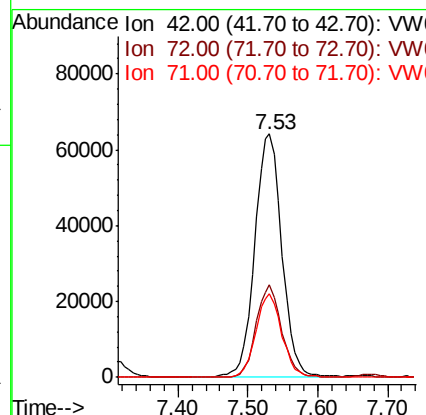
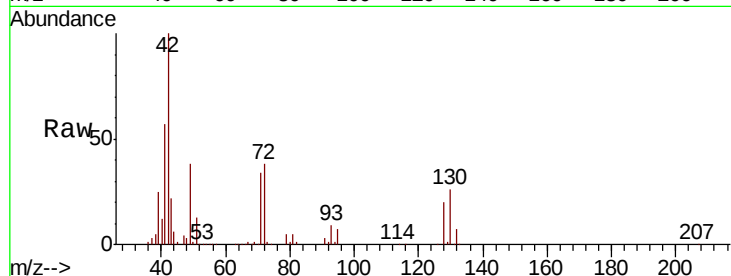




#29
Tetrahydrofuran
Concen: 227.513 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

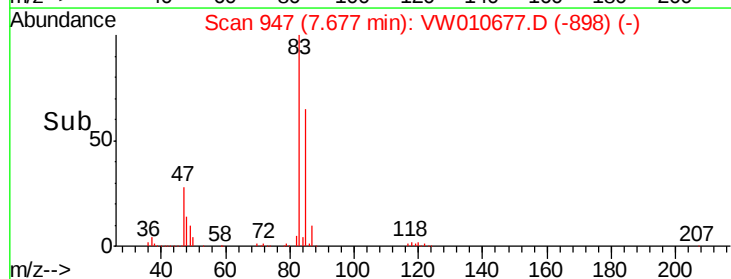
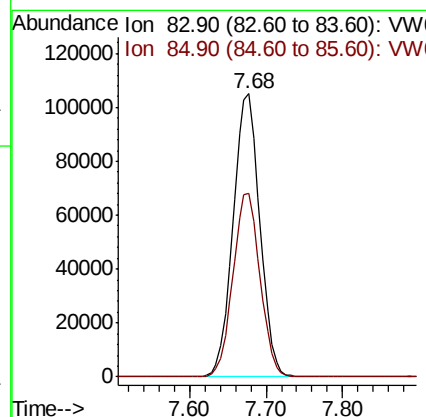
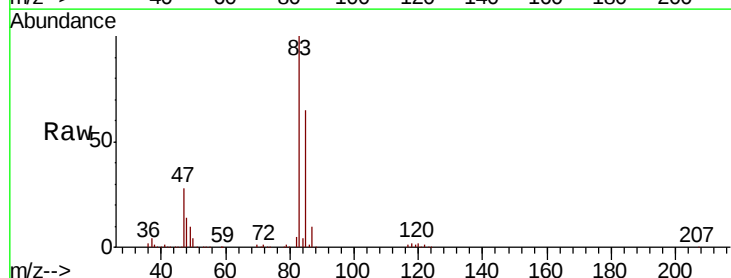
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

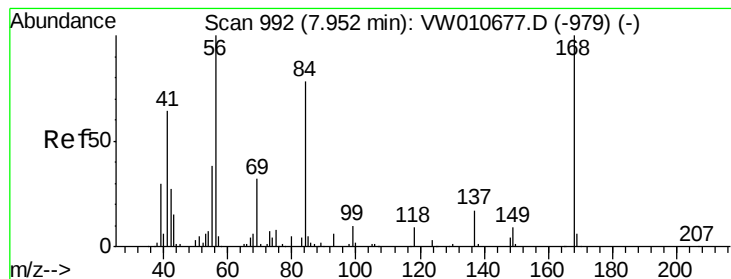
Tot Ion: 42 Resp: 171439
Ion Ratio Lower Upper
42 100
72 35.9 28.7 43.1
71 33.2 26.6 39.8



#30
Chloroform
Concen: 47.288 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 83 Resp: 253132
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 45.063 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

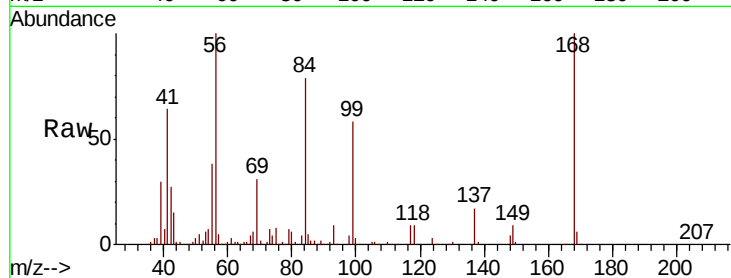
Tot Ion: 56 Resp: 293163

Ion Ratio Lower Upper

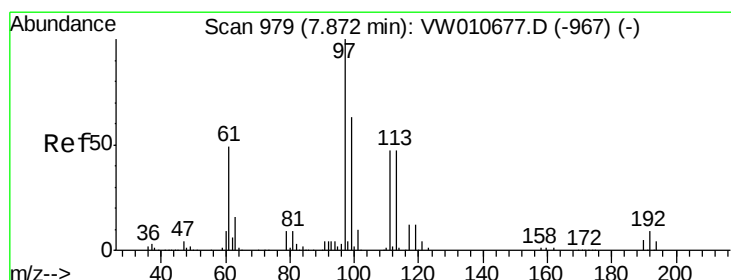
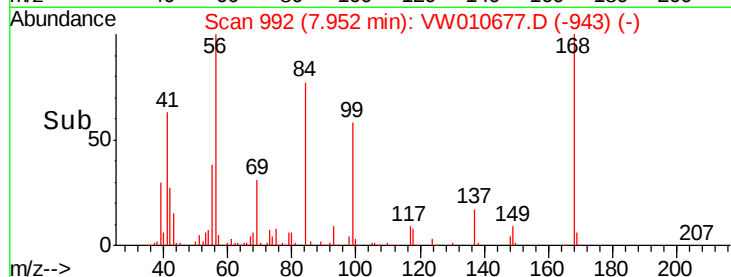
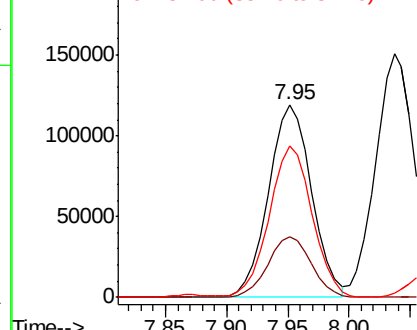
56 100

69 31.5 25.2 37.8

84 77.7 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 47.622 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

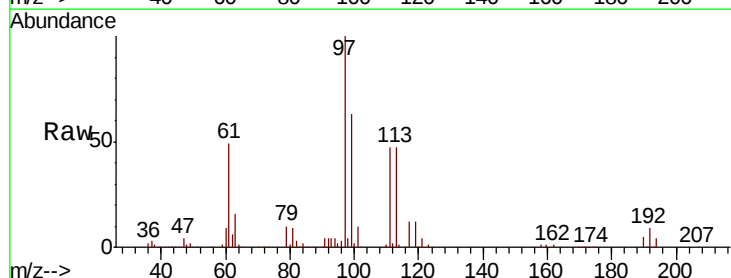
Tgt Ion: 97 Resp: 222685

Ion Ratio Lower Upper

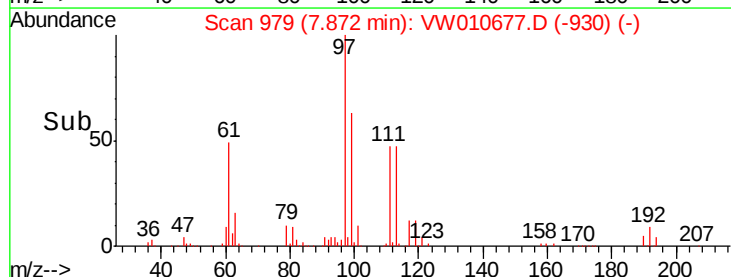
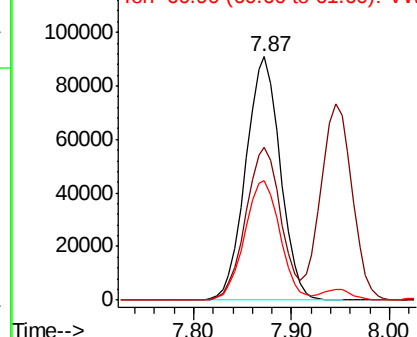
97 100

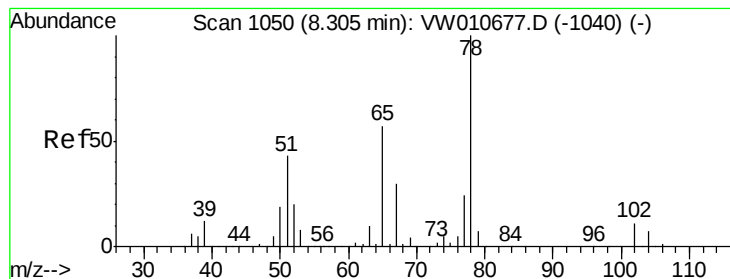
99 64.1 51.3 76.9

61 50.5 40.4 60.6



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





#33

1,2-Dichloroethane-d4

Concen: 49.603 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

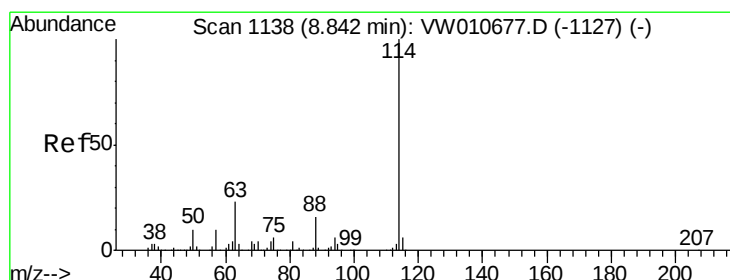
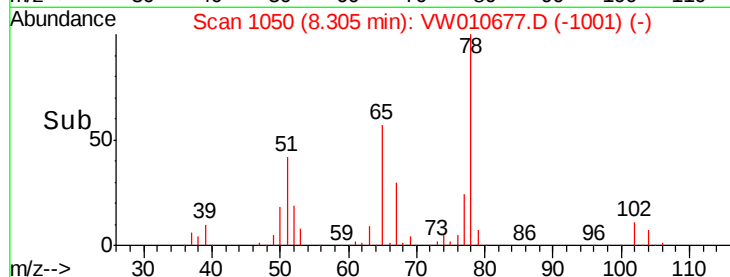
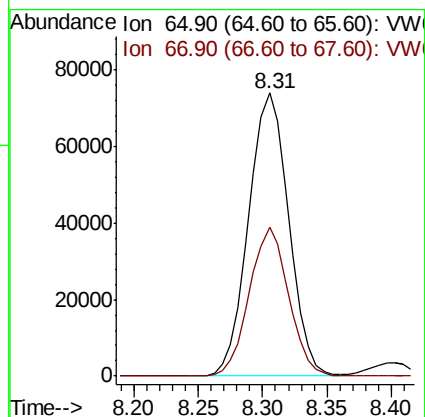
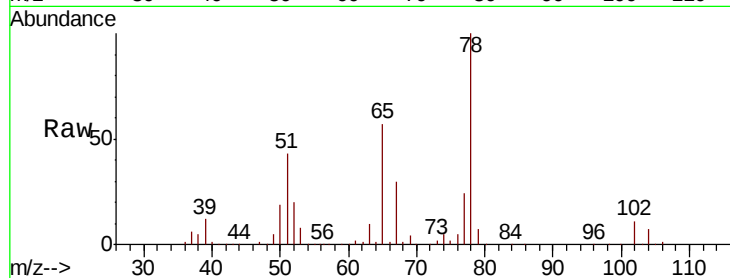
VSTDICCC050

Tot Ion: 65 Resp: 159939

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

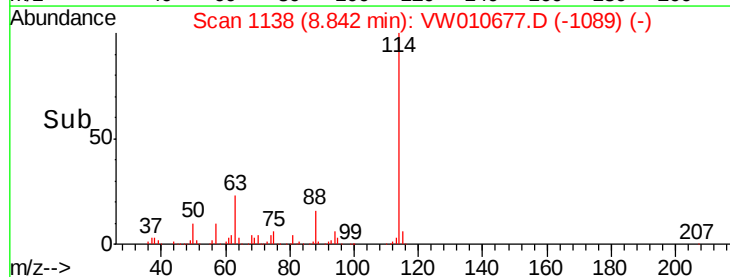
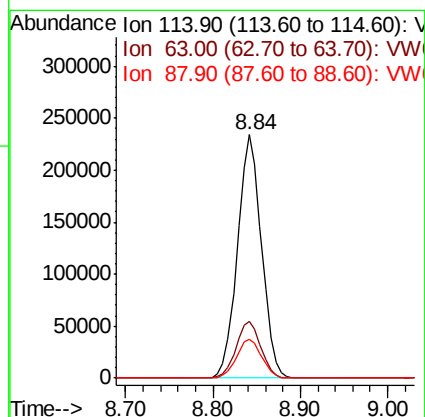
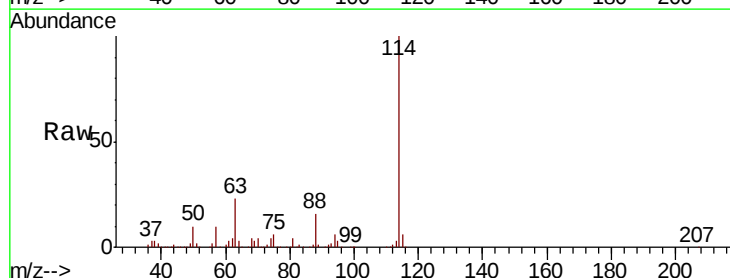
Tgt Ion: 114 Resp: 447978

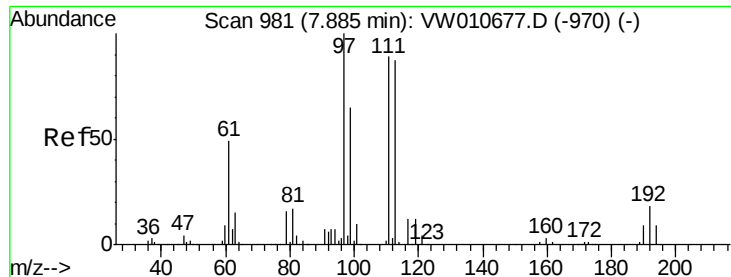
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

88 16.1 0.0 32.2

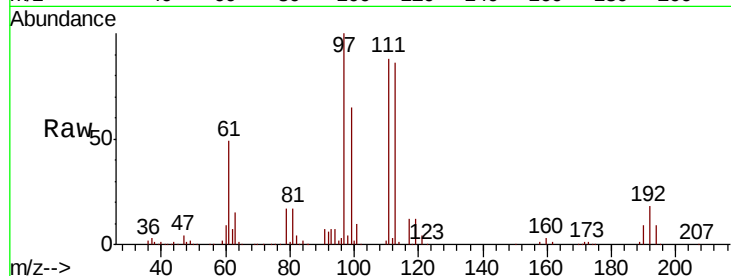




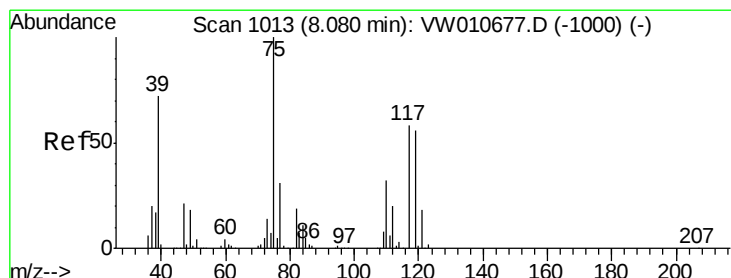
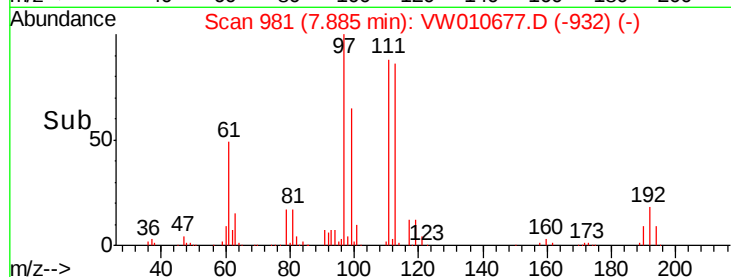
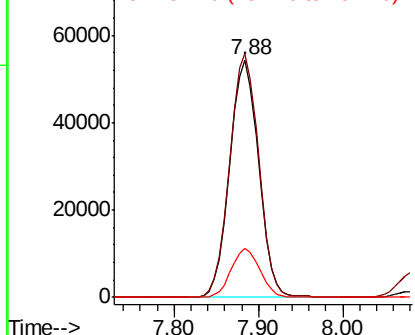
#35
 Dibromofluoromethane
 Concen: 52.084 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	20.5	16.4	24.6

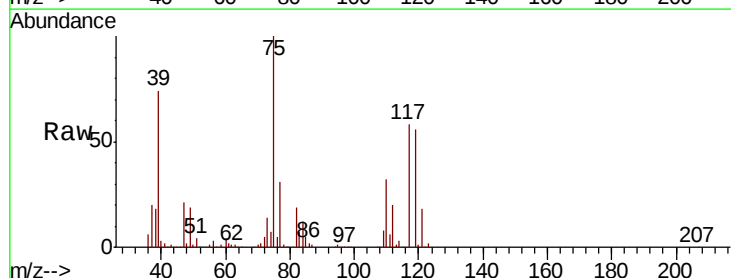


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

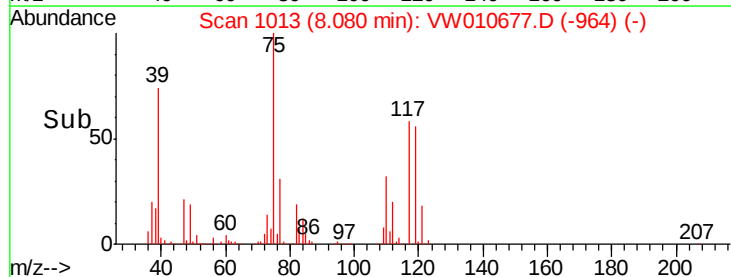
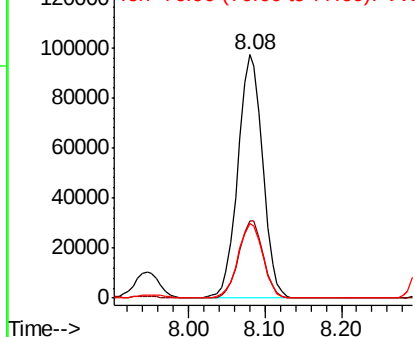


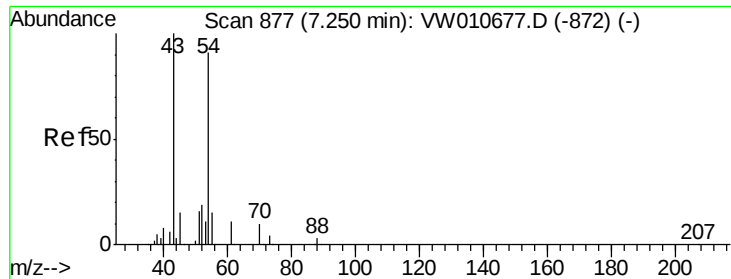
#36
 1,1-Dichloropropene
 Concen: 47.536 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.8	47.3
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

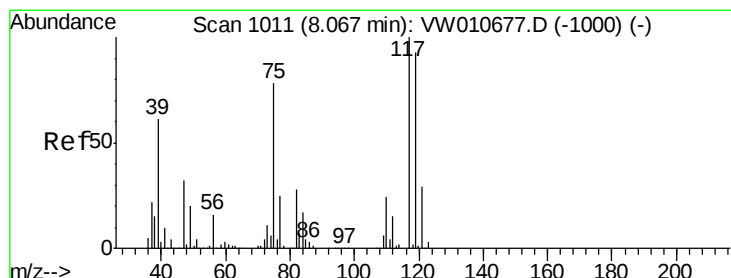
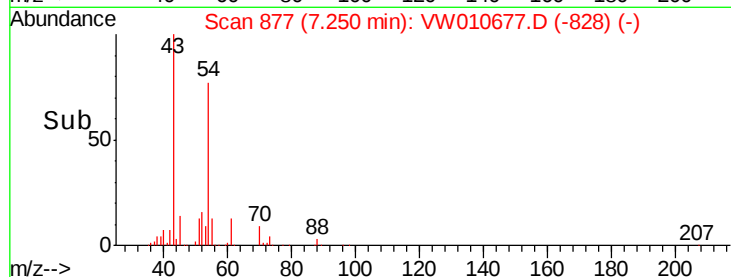
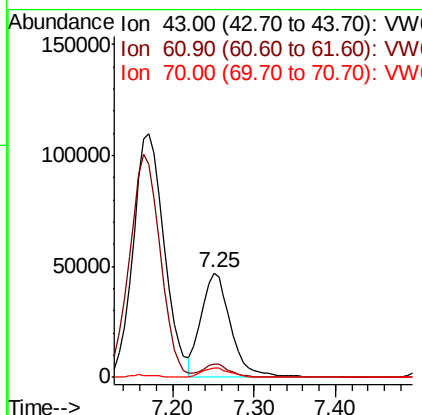
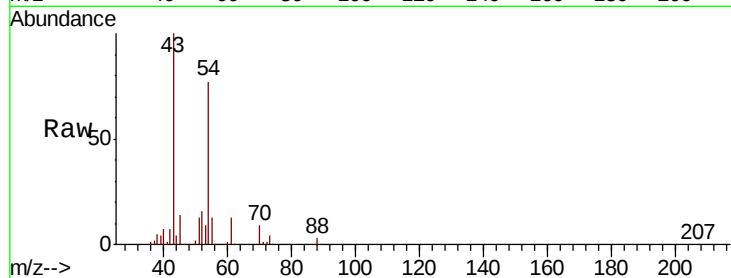




#37
Ethyl Acetate
Concen: 46.153 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

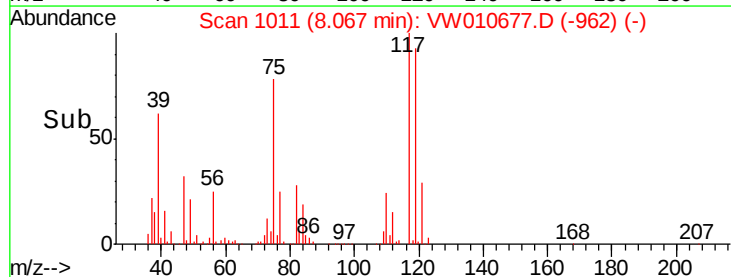
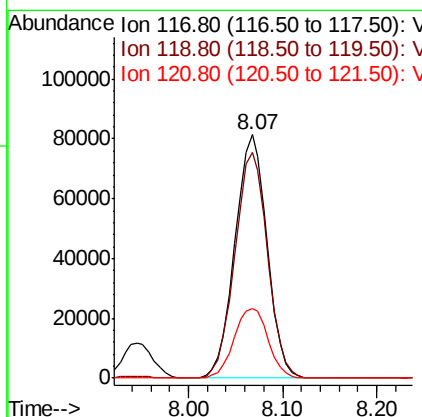
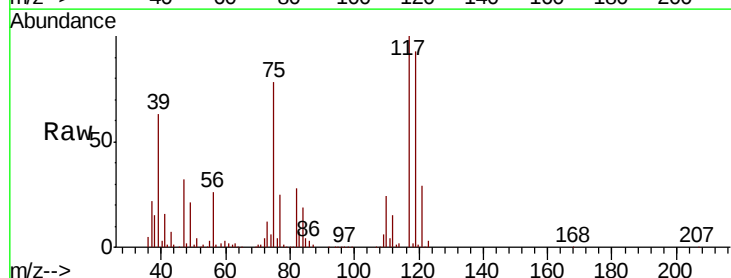
Instrument :
MSVOA_W
ClientSampleID :
VSTDICCC050

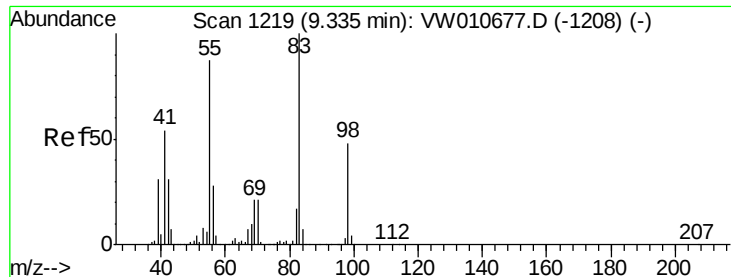
Tot Ion: 43 Resp: 117278
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.750 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 117 Resp: 192977
Ion Ratio Lower Upper
117 100
119 92.8 74.2 111.4
121 28.6 22.9 34.3

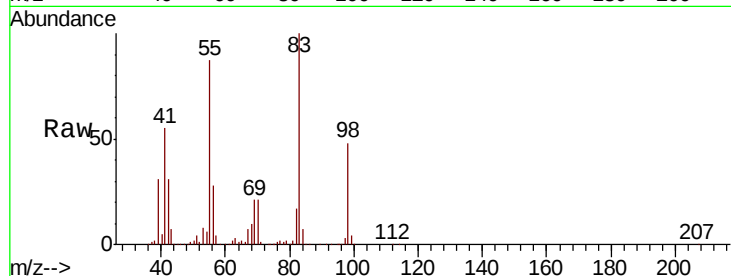




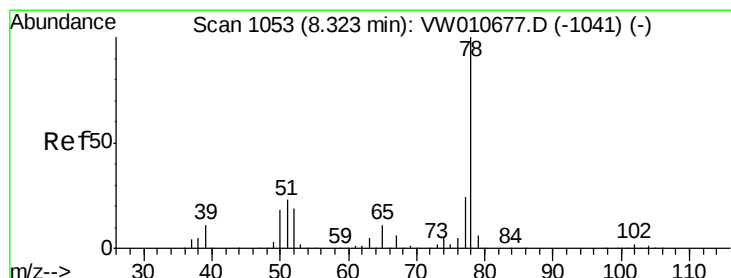
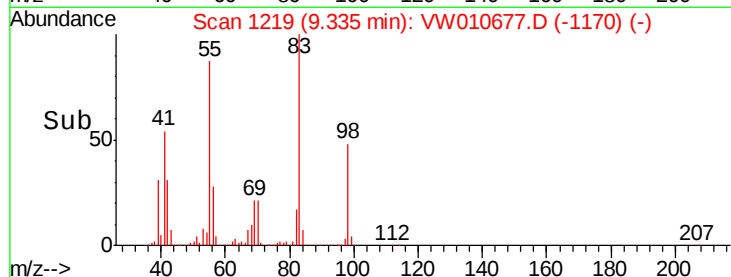
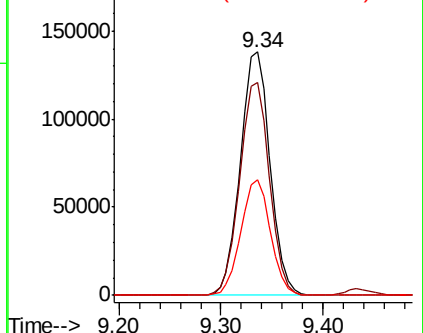
#39
Methvlcvclohexane
Concen: 48.082 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 280283
Ion Ratio Lower Upper
83 100
55 87.5 70.0 105.0
98 47.6 38.1 57.1

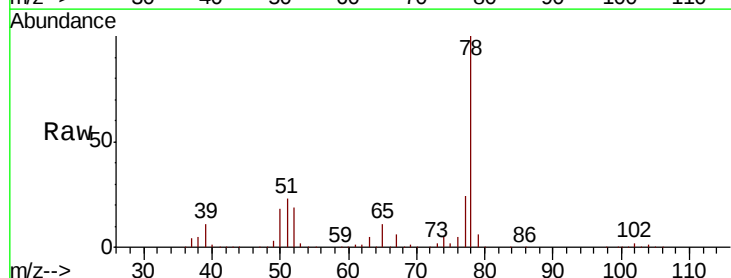


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

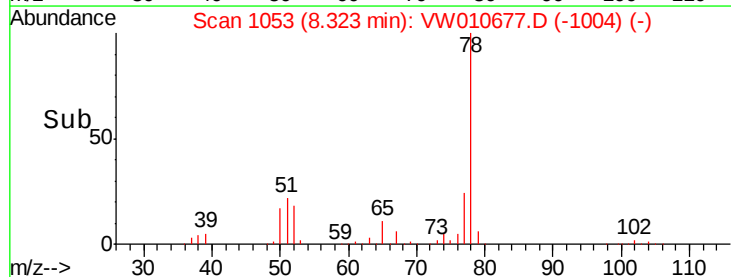
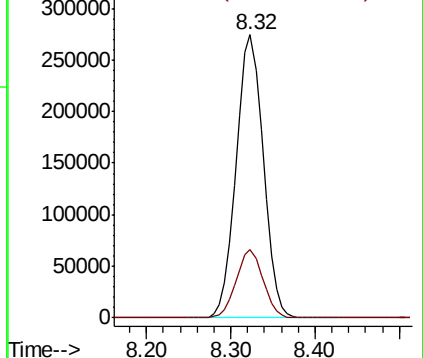


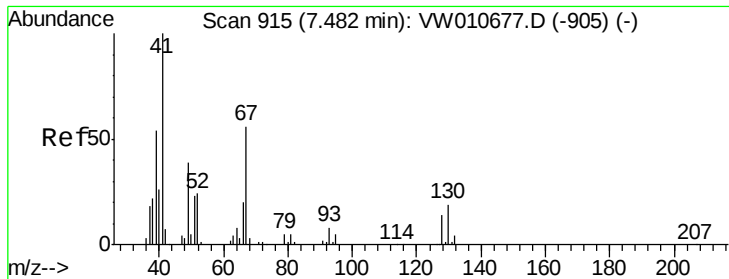
#40
Benzene
Concen: 47.495 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 78 Resp: 594146
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



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

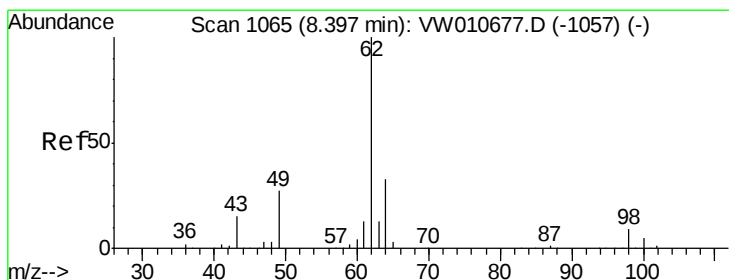
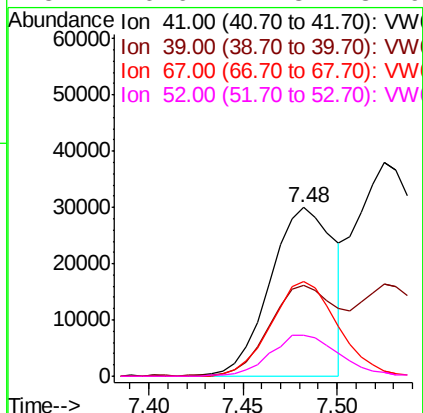
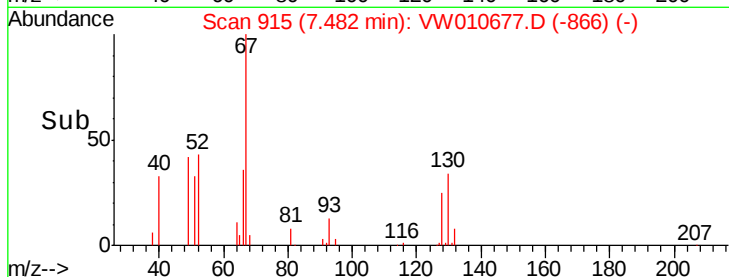
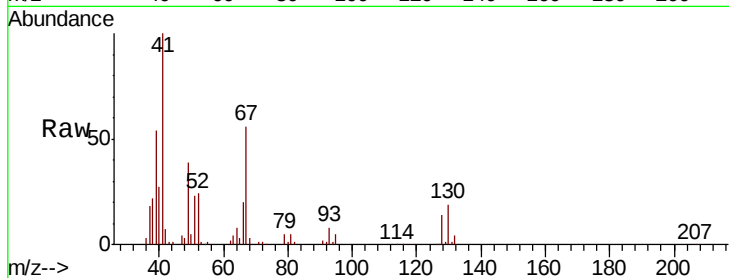




#41
Methacrylonitrile
Concen: 46.740 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

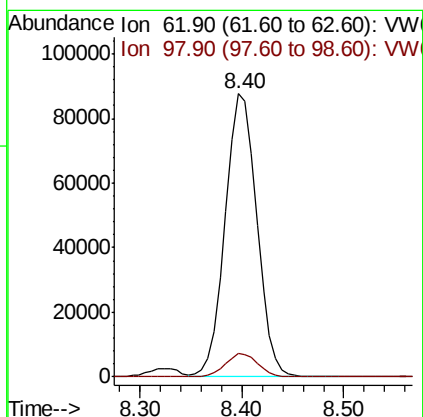
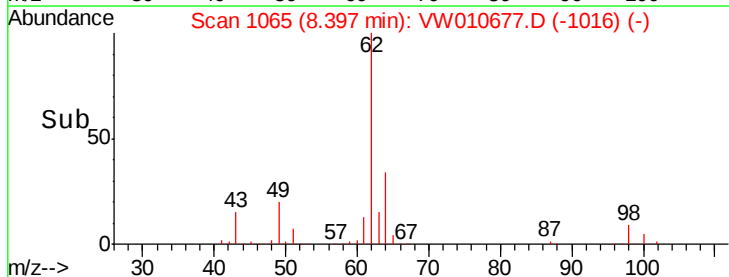
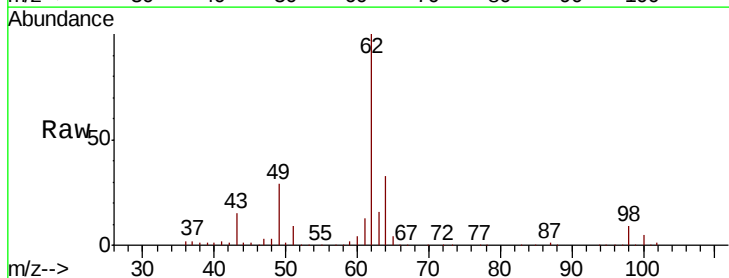
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

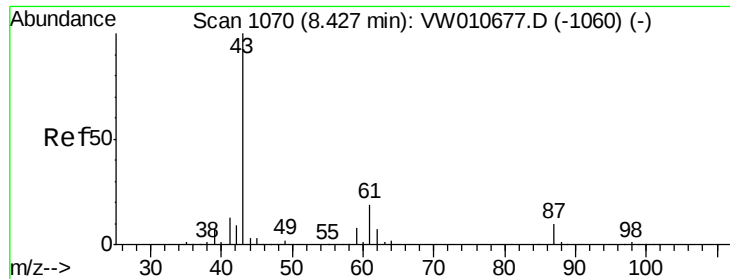
Tot Ion:	41	Resp:	70596
Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.3	70.9
67	59.0	47.2	70.8
52	26.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 47.436 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:	62	Resp:	188338
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



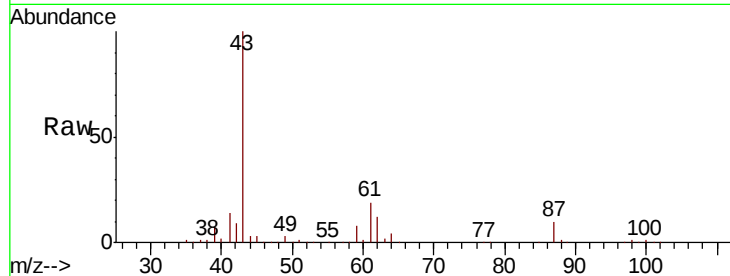


#43

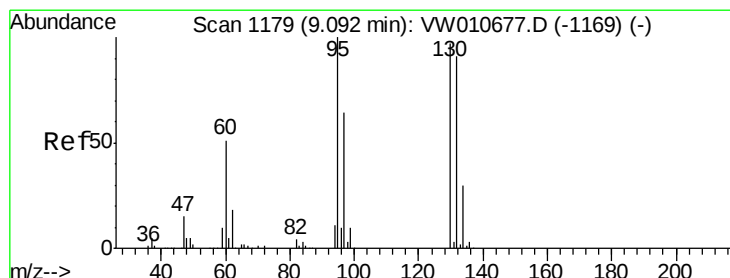
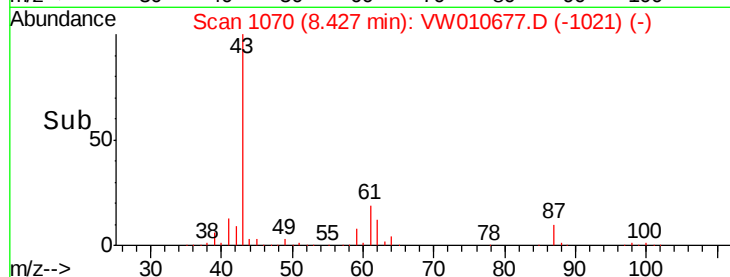
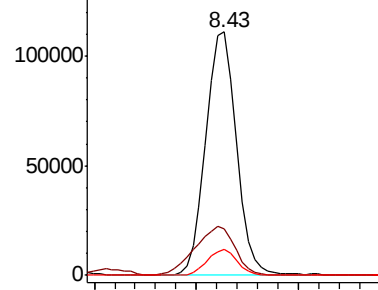
Isopropyl Acetate
 Concen: 46.958 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.2	31.8
87	10.4	8.3	12.5



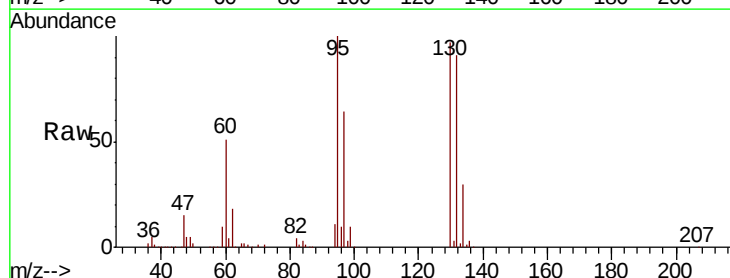
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



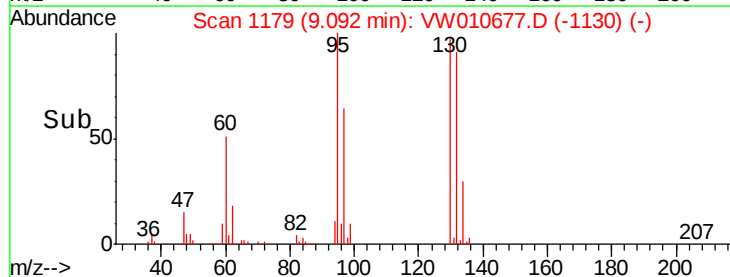
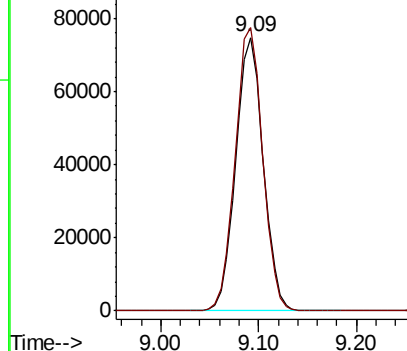
#44

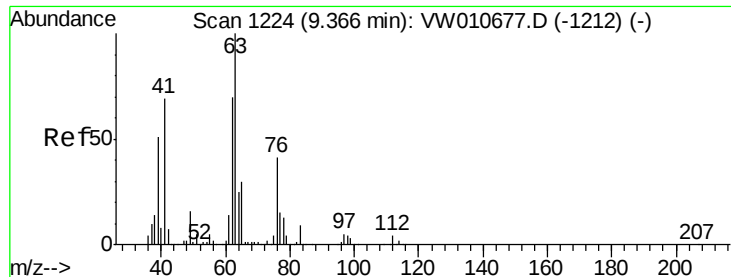
Trichloroethene
 Concen: 47.389 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	207.0



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

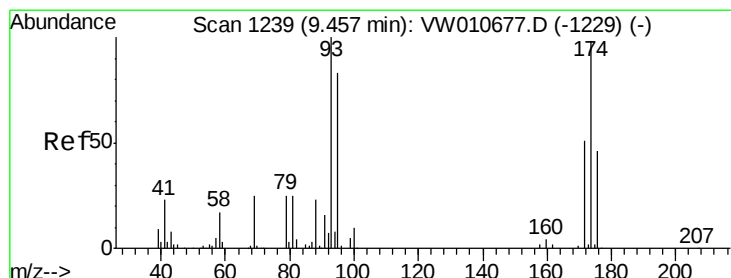
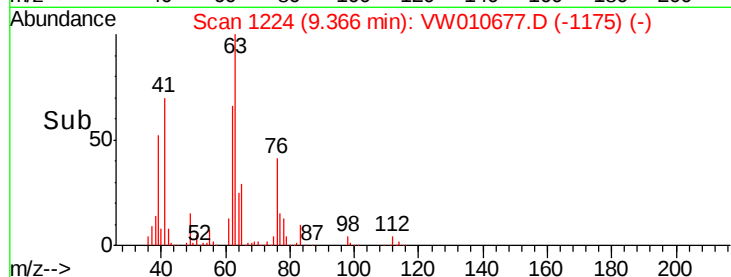
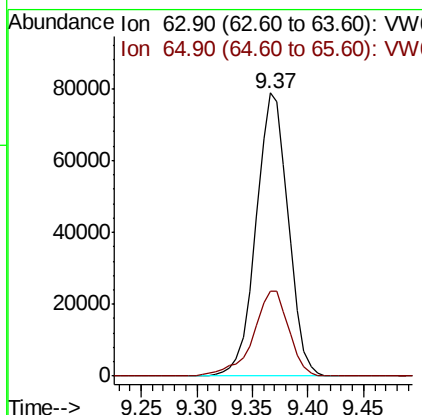
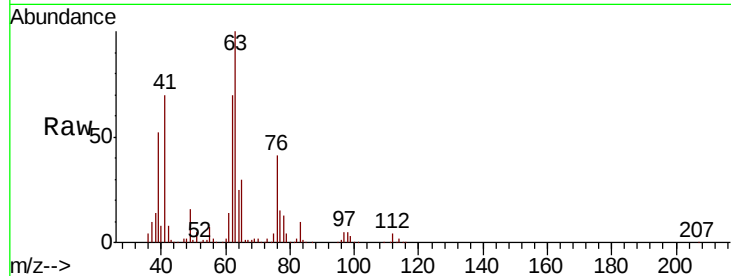




#45
 1,2-Dichloropropane
 Concen: 47.901 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

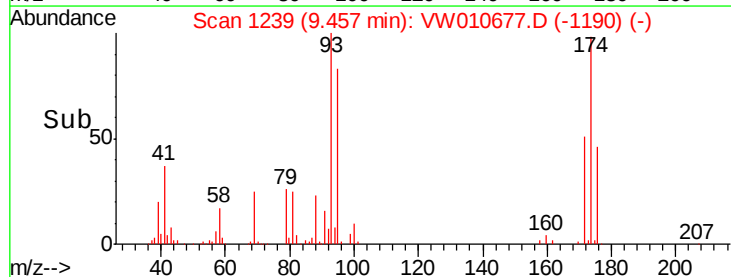
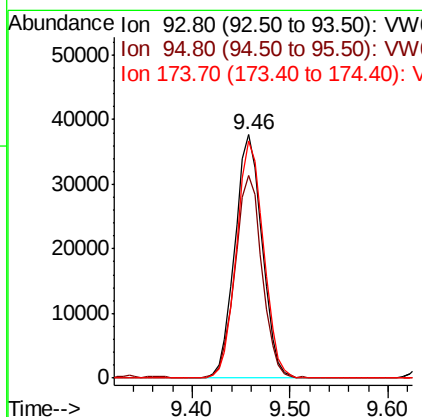
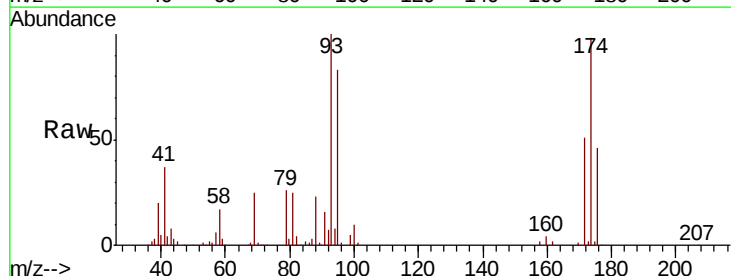
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

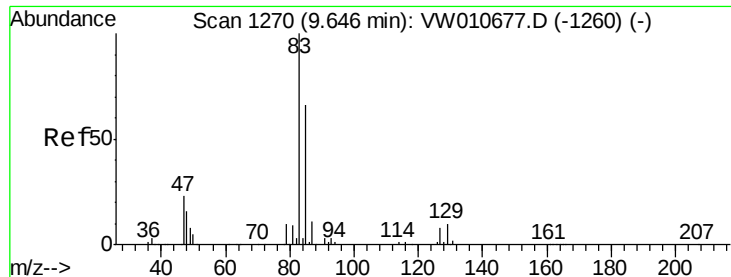
Tot Ion: 63 Resp: 158624
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.6



#46
 Dibromomethane
 Concen: 47.505 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion: 93 Resp: 73067
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 96.7 77.4 116.0





#47

Bromodichloromethane

Concen: 48.177 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

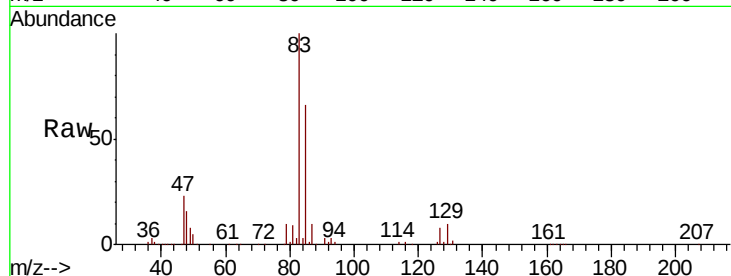
Tot Ion: 83 Resp: 192083

Ion Ratio Lower Upper

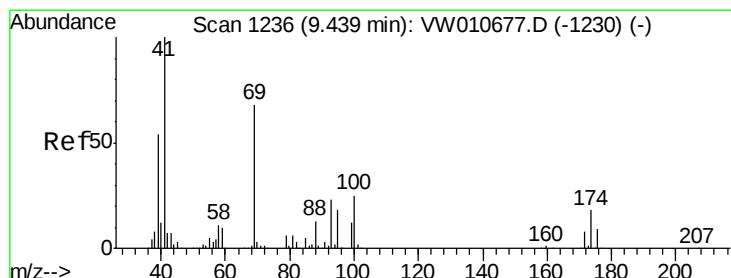
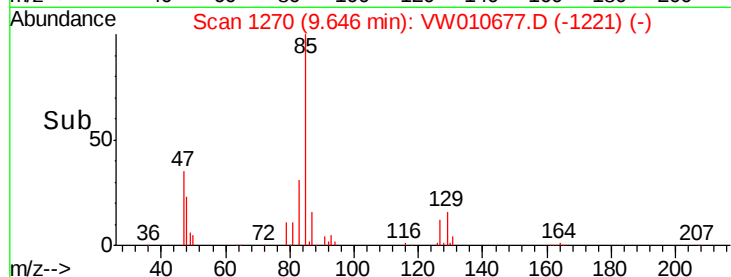
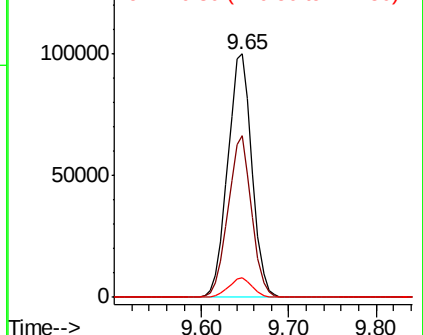
83 100

85 66.2 53.0 79.4

127 8.0 6.4 9.6



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



#48

Methyl methacrylate

Concen: 47.769 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

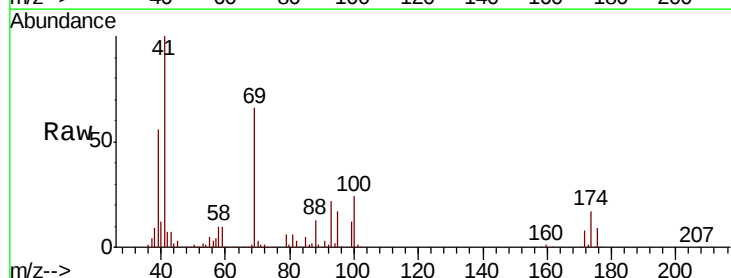
Tgt Ion: 41 Resp: 113066

Ion Ratio Lower Upper

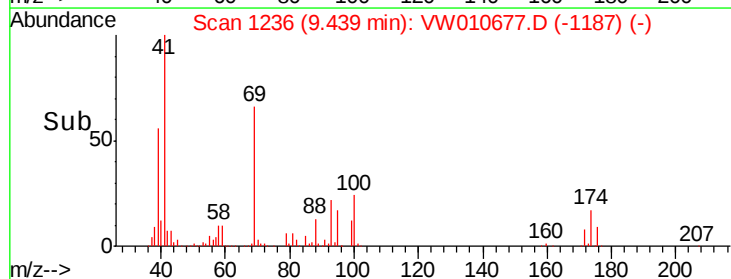
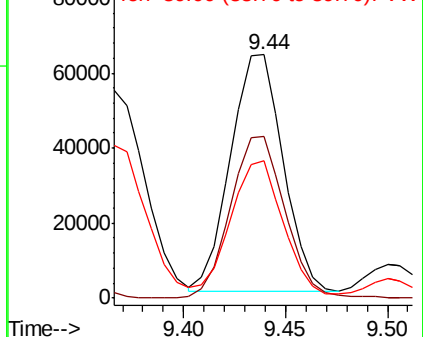
41 100

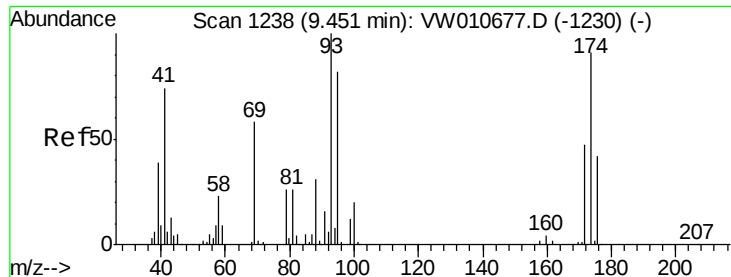
69 70.8 56.6 85.0

39 55.5 44.4 66.6



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

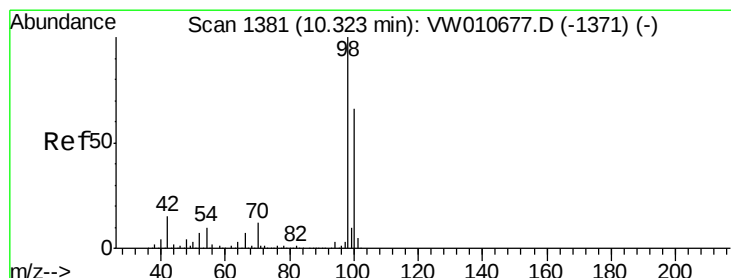
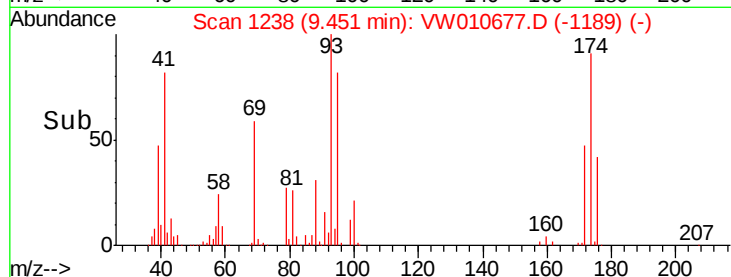
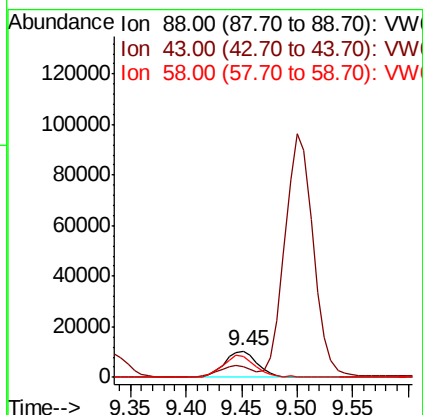
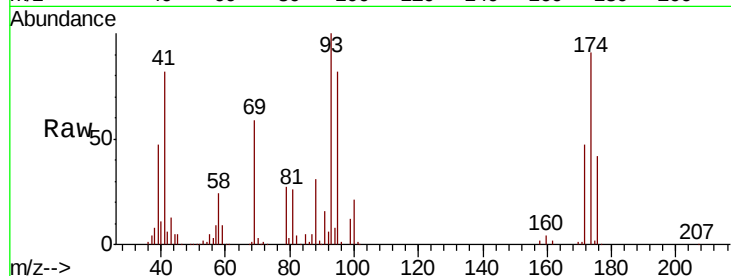




#49
1,4-Dioxane
Concen: 884.045 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

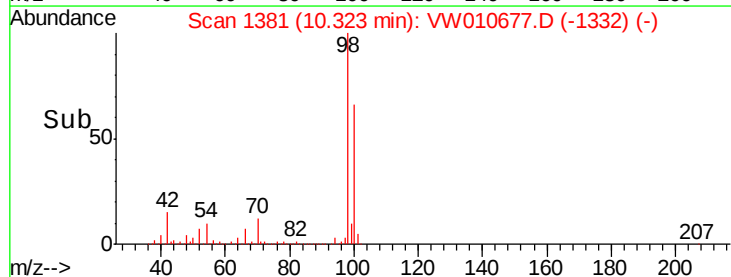
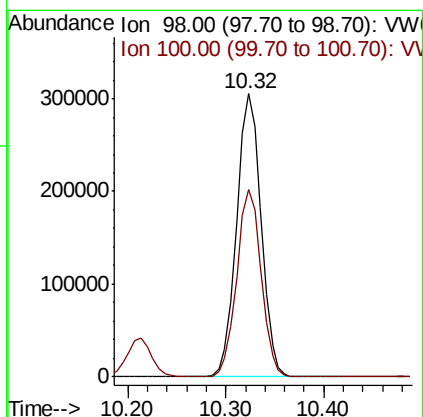
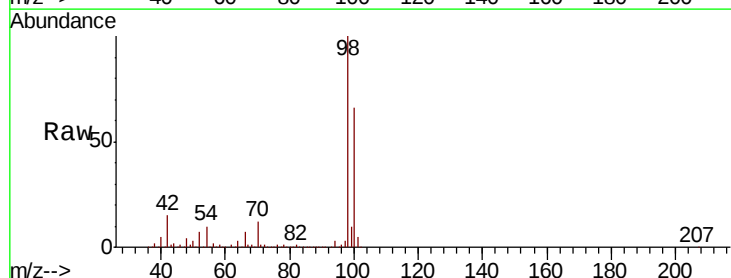
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

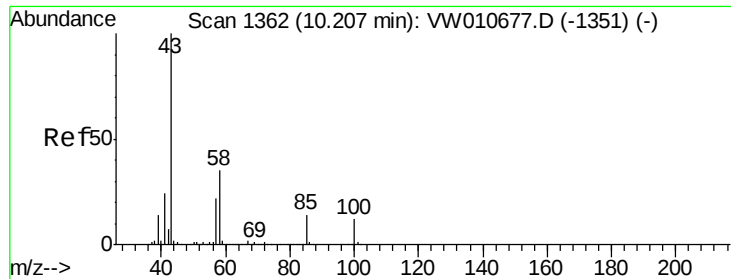
Tot Ion: 88 Resp: 21259
Ion Ratio Lower Upper
88 100
43 42.8 34.2 51.4
58 86.2 69.0 103.4



#50
Toluene-d8
Concen: 49.680 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 98 Resp: 529720
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 232.466 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

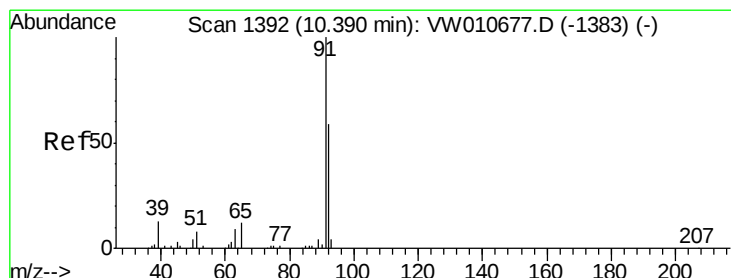
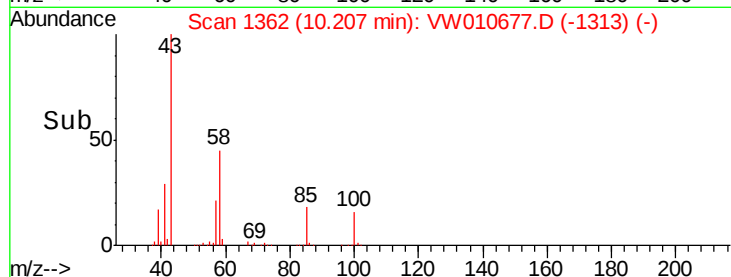
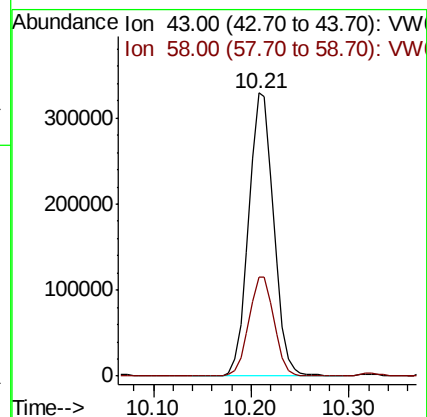
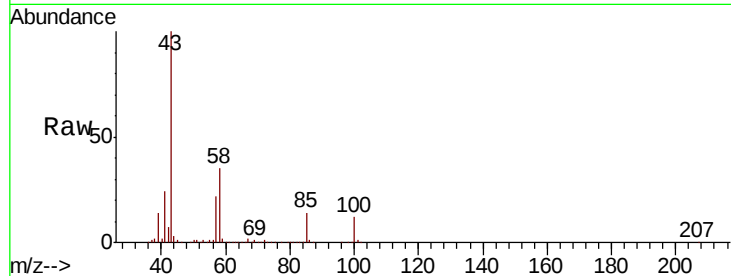
VSTDICCC050

Tot Ion: 43 Resp: 583012

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



#52

Toluene

Concen: 48.073 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010677.D

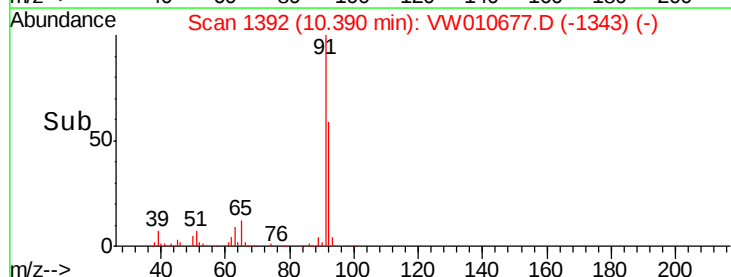
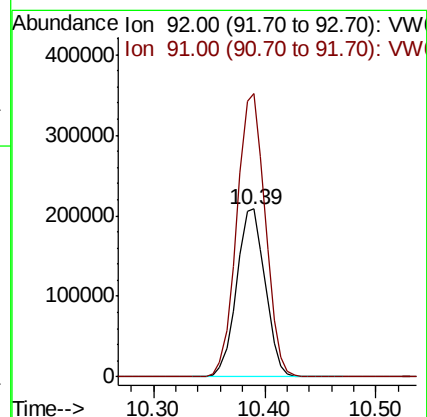
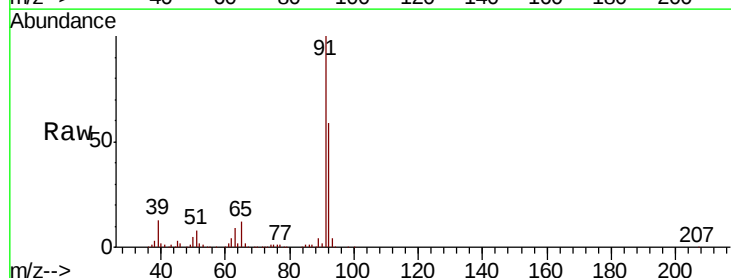
Acq: 04 Jun 2019 15:41

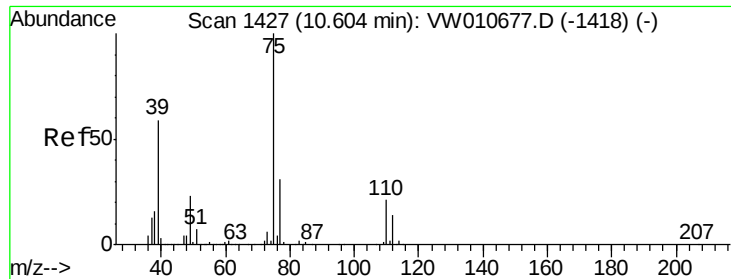
Tgt Ion: 92 Resp: 370018

Ion Ratio Lower Upper

92 100

91 168.6 134.9 202.3

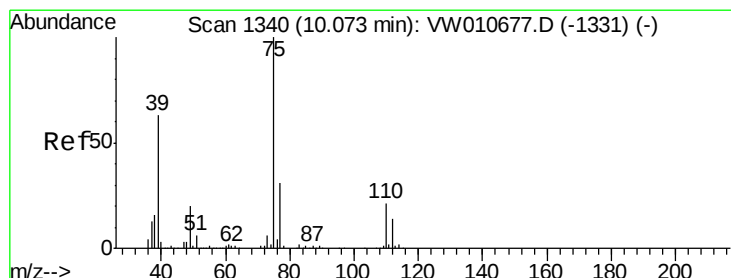
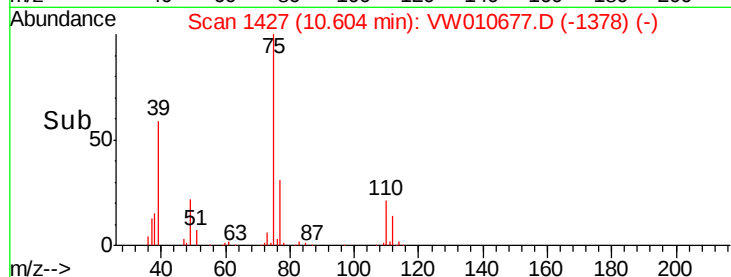
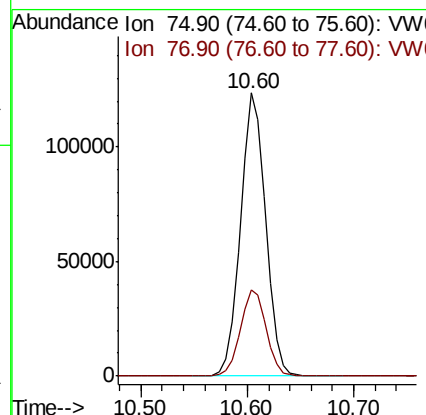
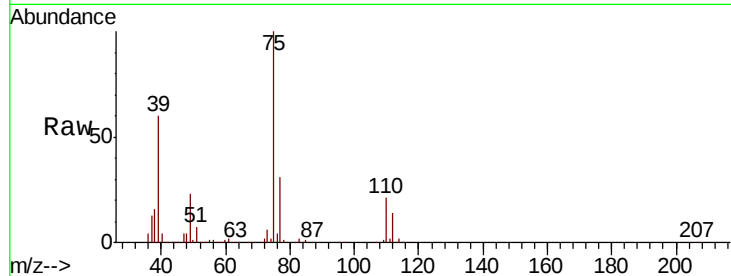




#53
t-1,3-Dichloropropene
Concen: 48.557 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

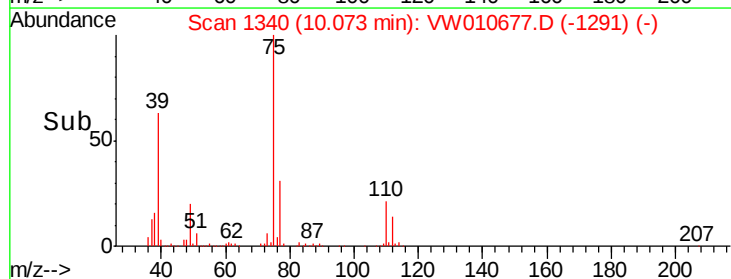
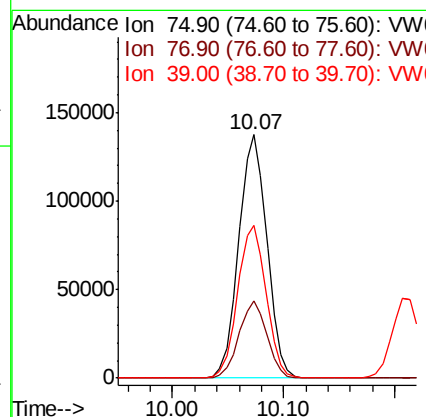
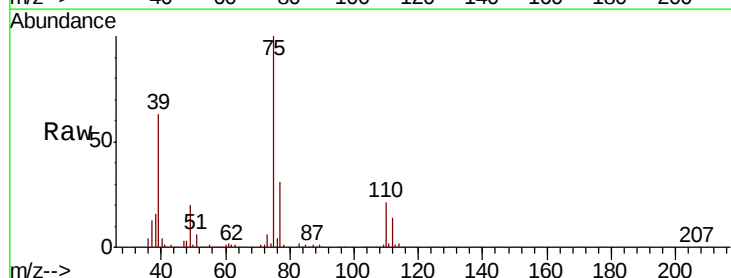
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

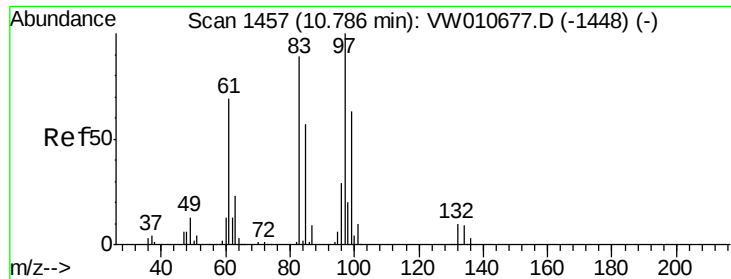
Tot Ion: 75 Resp: 205058
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.454 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 75 Resp: 240779
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 62.6 50.1 75.1

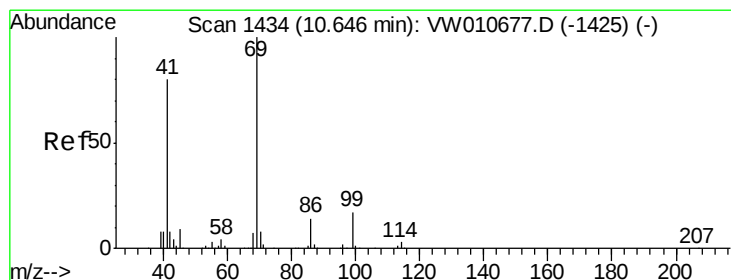
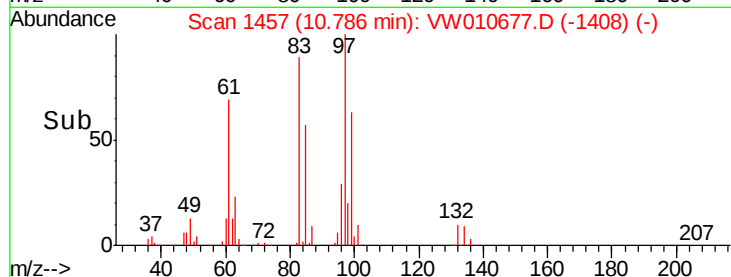
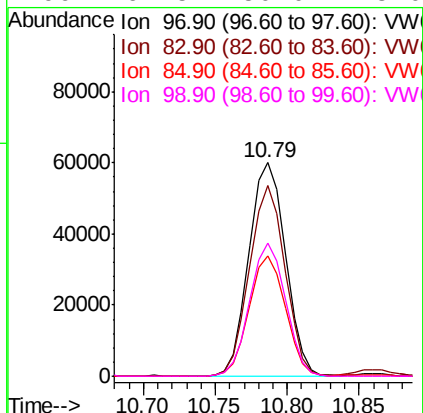
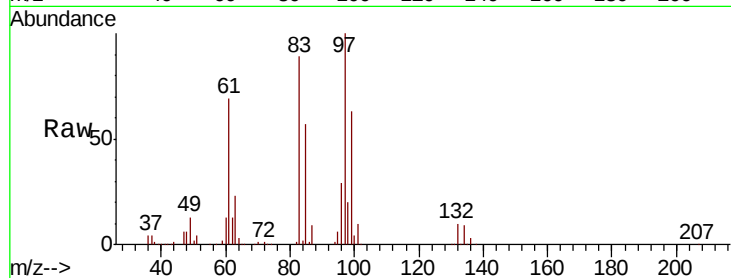




#55
 1,1,2-Trichloroethane
 Concen: 47.824 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

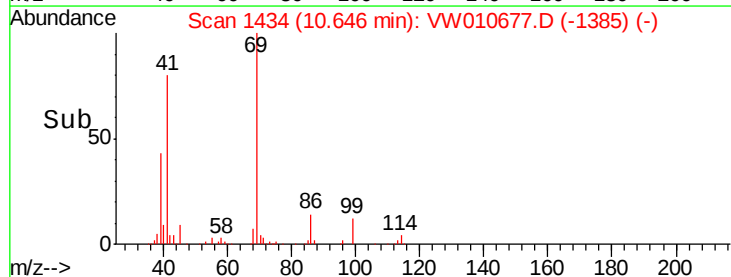
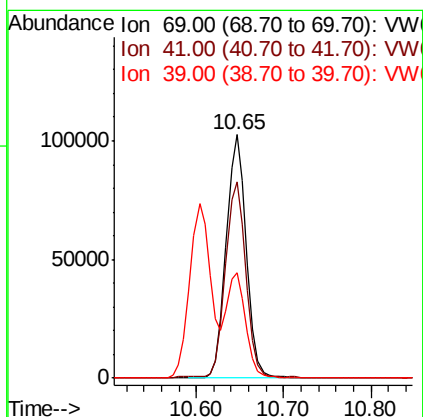
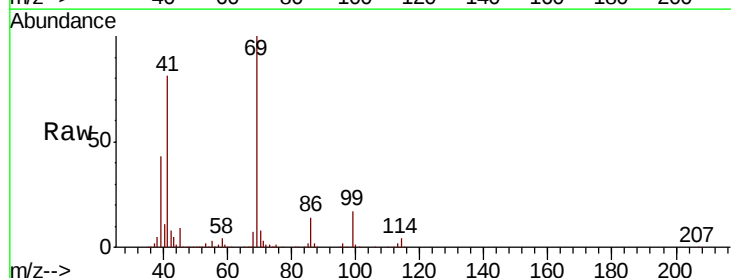
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

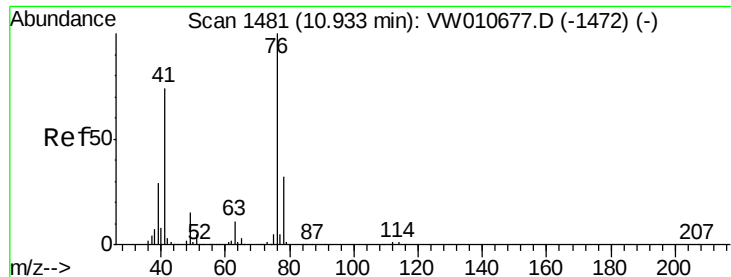
Tot Ion:	97	Resp:	105967
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	56.5	45.2	67.8
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 47.876 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion:	69	Resp:	163234
Ion	Ratio	Lower	Upper
69	100		
41	81.0	64.8	97.2
39	40.2	32.2	48.2

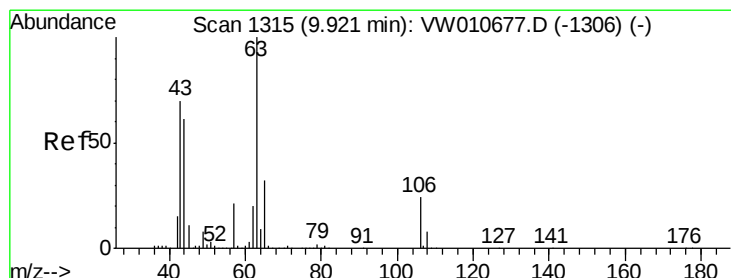
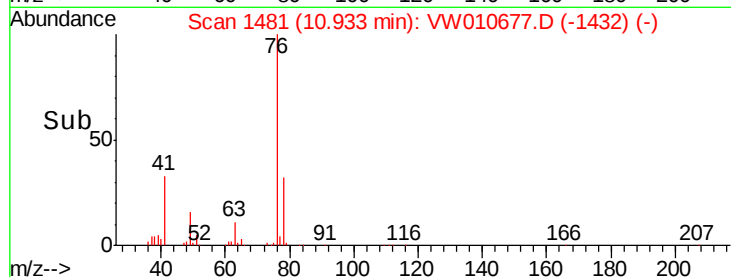
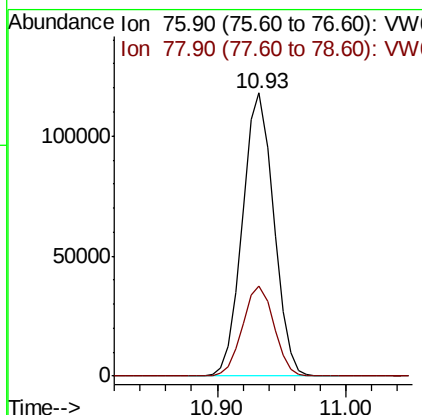
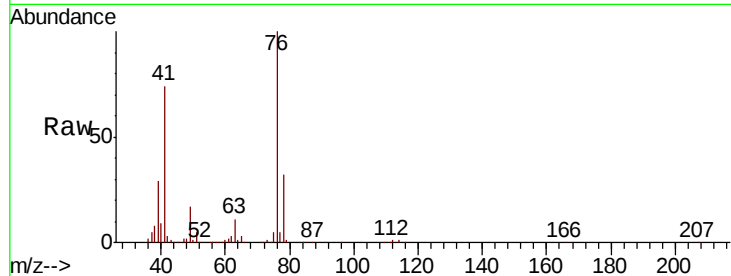




#57
 1,3-Dichloropropane
 Concen: 47.325 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

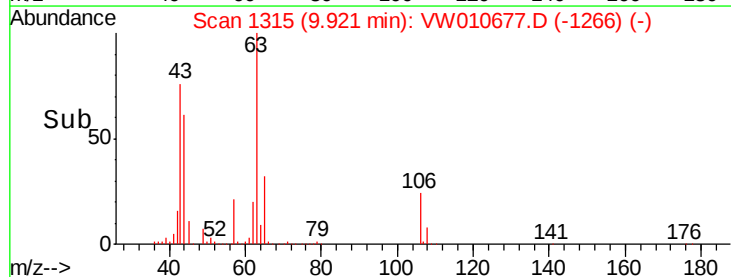
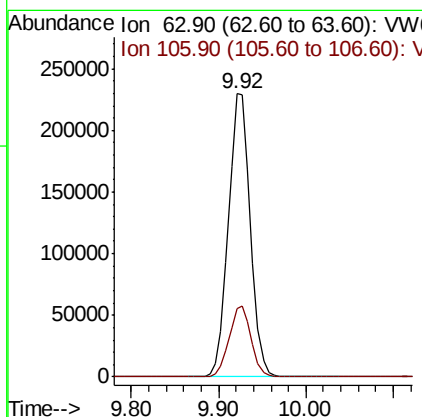
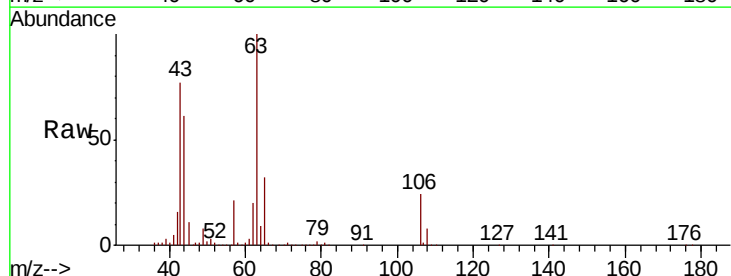
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

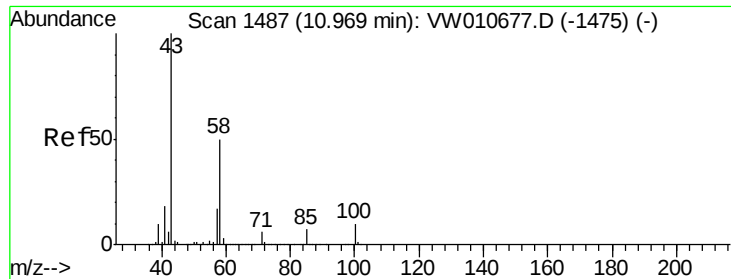
Tot Ion: 76 Resp: 197618
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.707 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion: 63 Resp: 399501
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.1 30.1

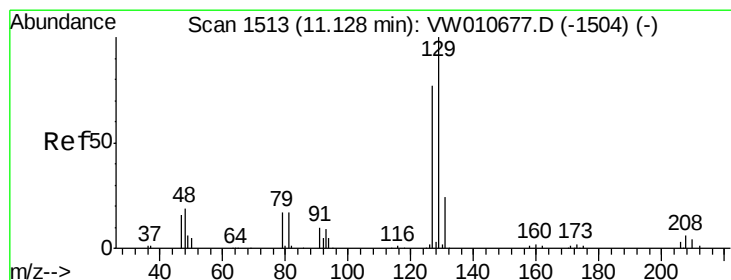
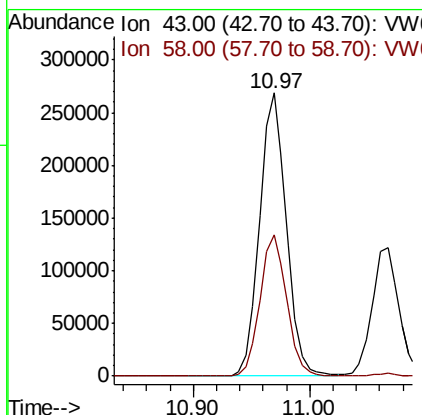
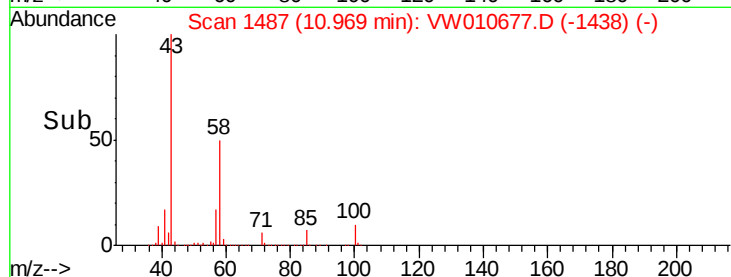
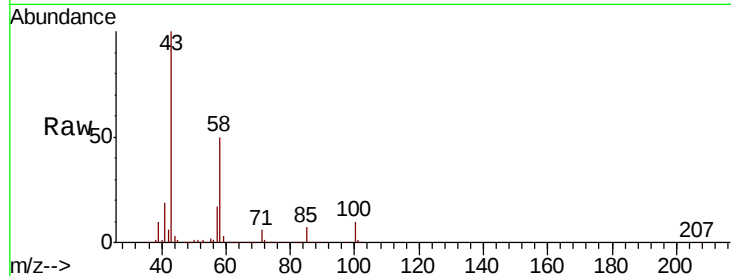




#59
2-Hexanone
Concen: 237.339 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

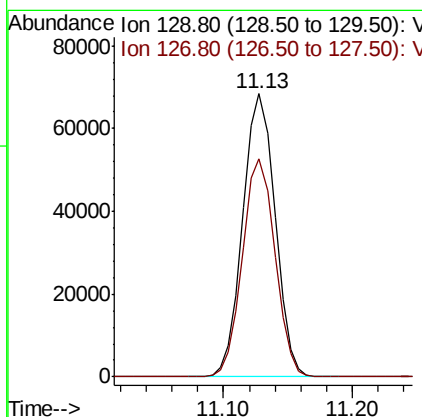
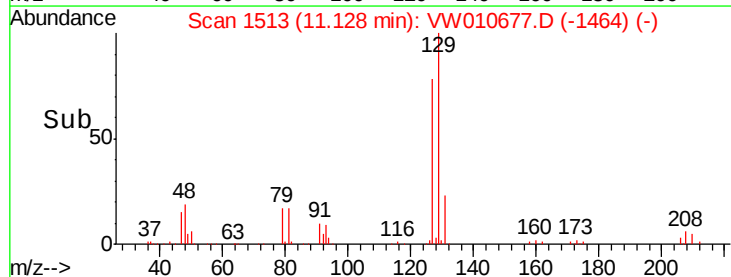
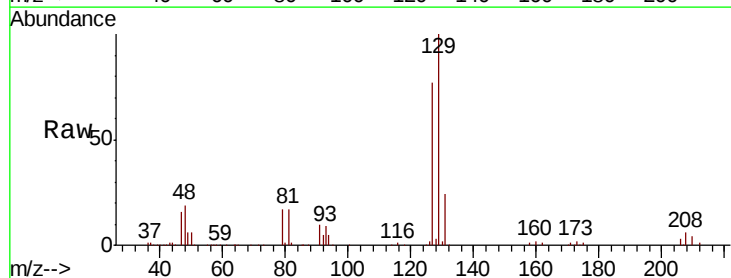
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

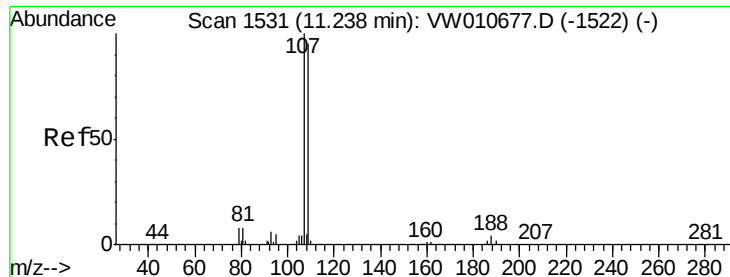
Tot Ion: 43 Resp: 430188
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 48.444 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 129 Resp: 118992
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

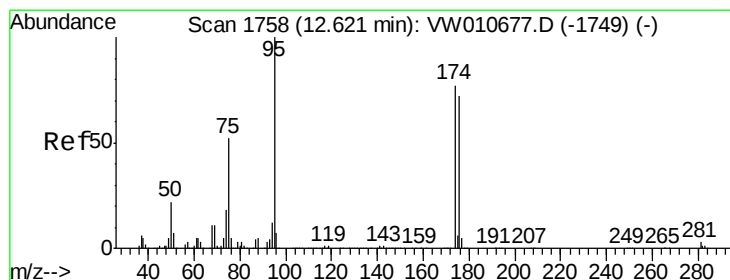
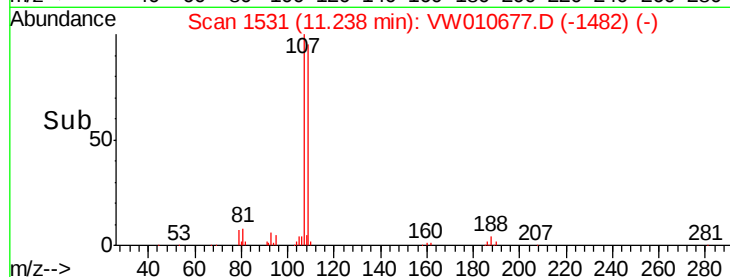
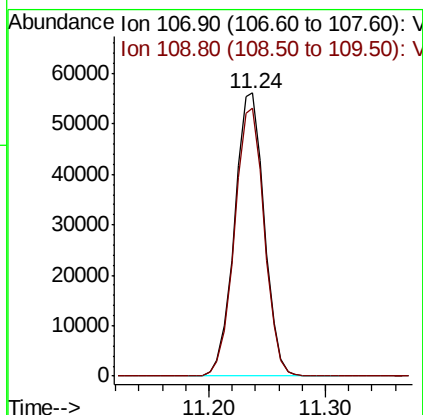
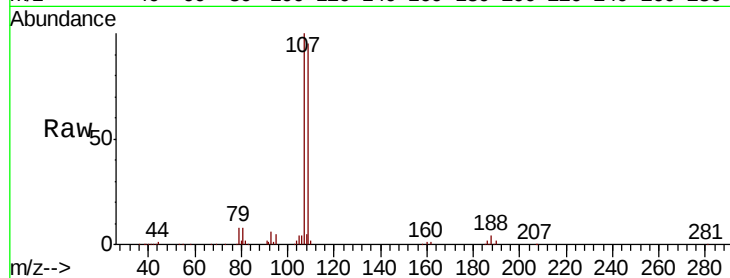




#61
1,2-Dibromoethane
Concen: 47.504 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

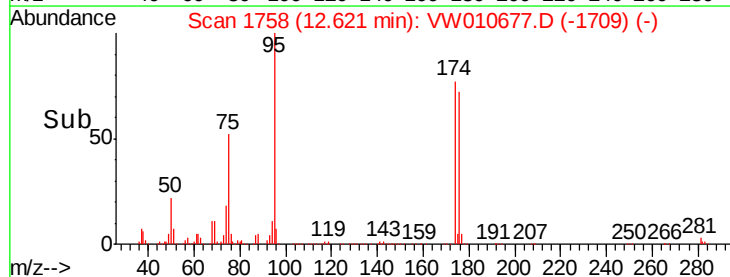
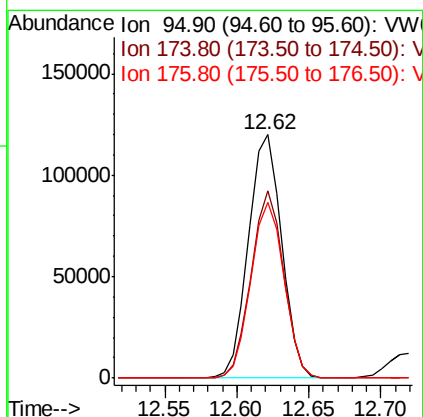
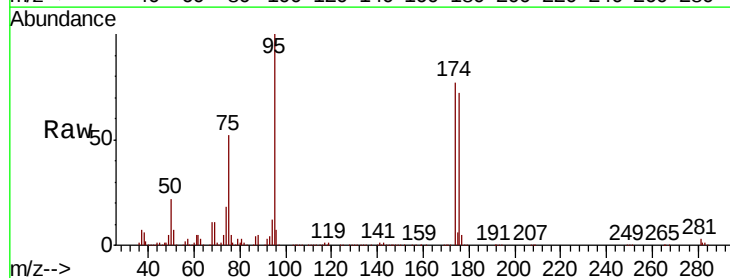
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 107 Resp: 99728
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.307 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 95 Resp: 191308
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 72.4 0.0 144.8

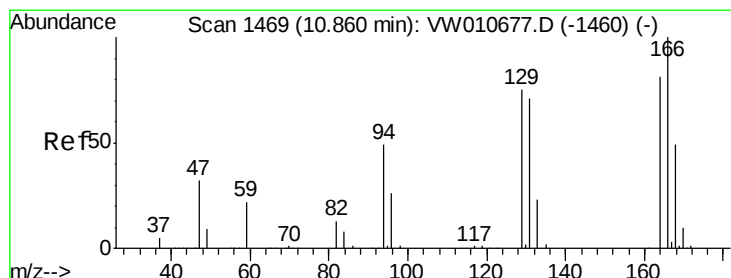
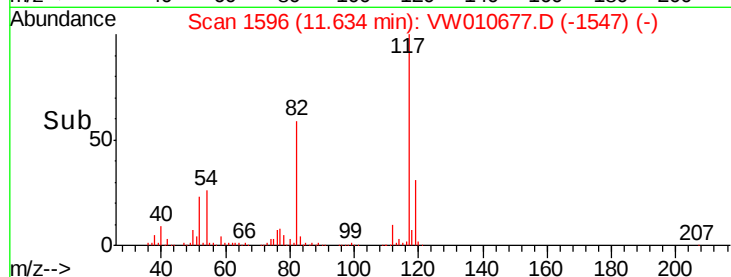
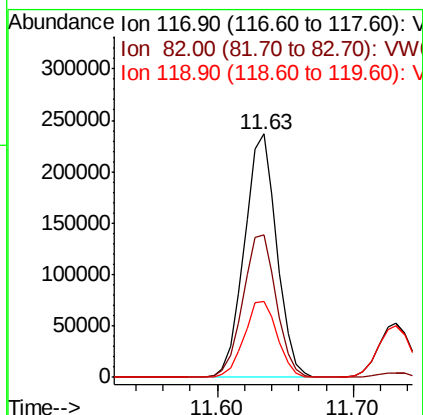
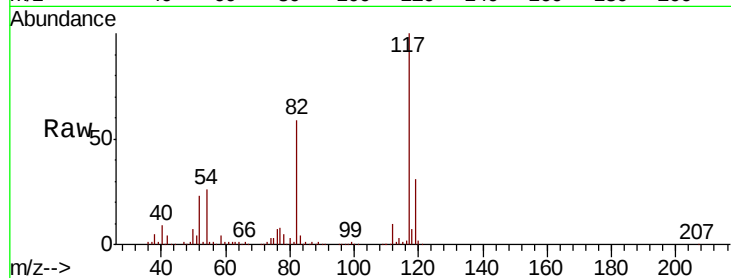




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

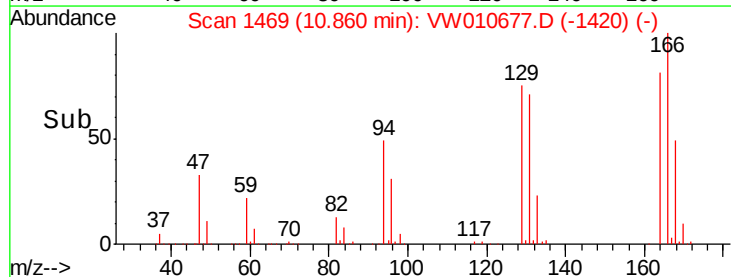
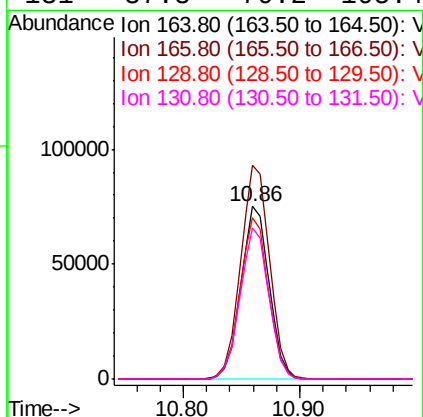
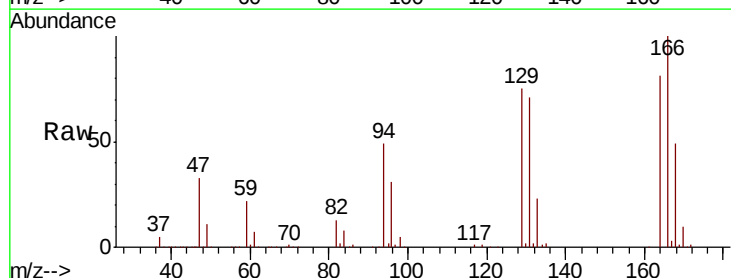
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

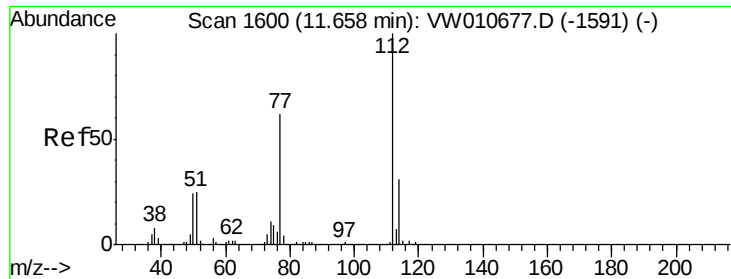
Tot Ion:117 Resp: 393737
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 48.608 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:164 Resp: 127072
Ion Ratio Lower Upper
164 100
166 124.0 99.2 148.8
129 93.3 74.6 112.0
131 87.8 70.2 105.4

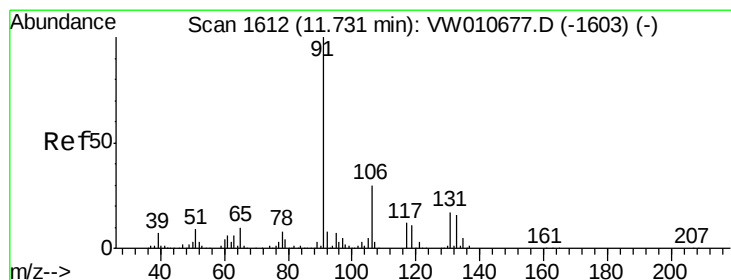
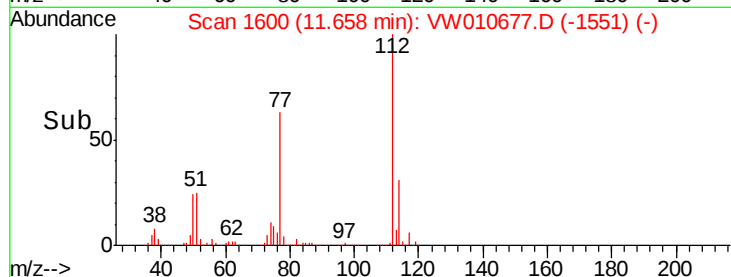
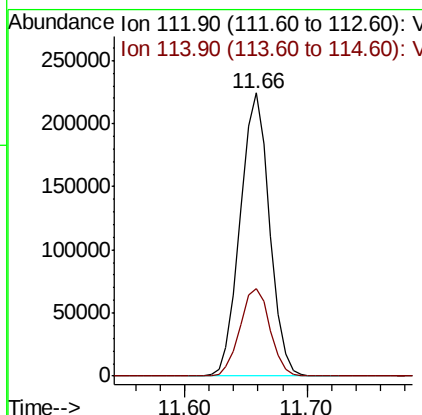
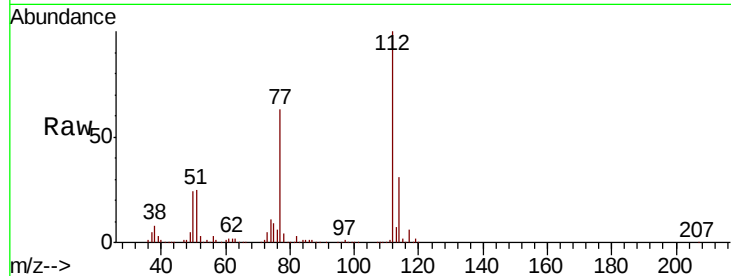




#65
Chlorobenzene
Concen: 48.116 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

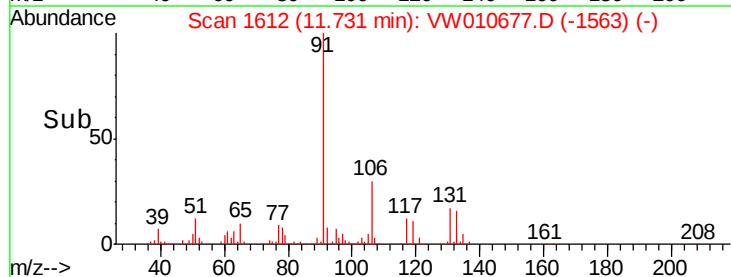
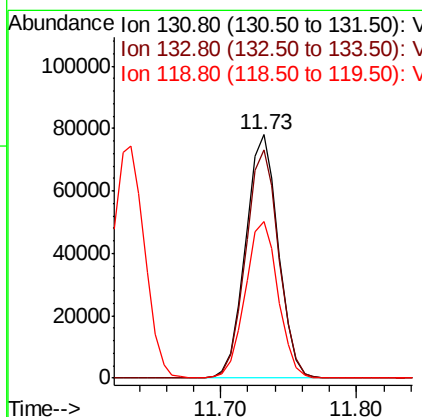
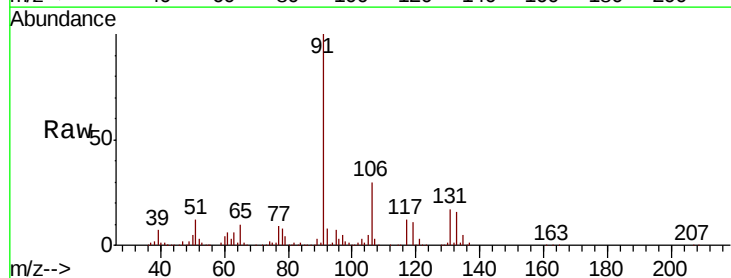
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

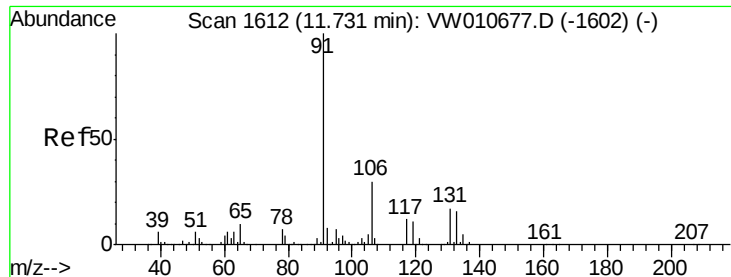
Tot Ion:112 Resp: 372555
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.068 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:131 Resp: 131517
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 64.7 32.4 97.0

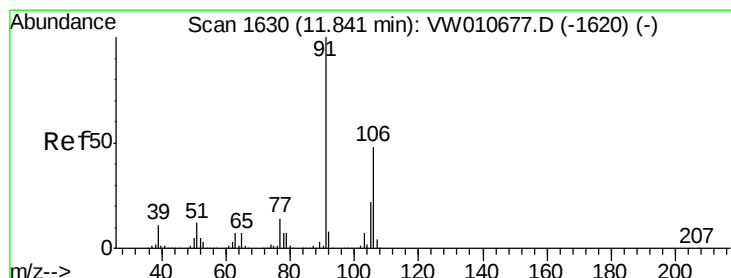
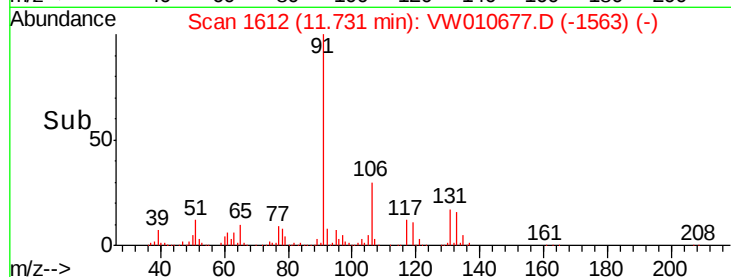
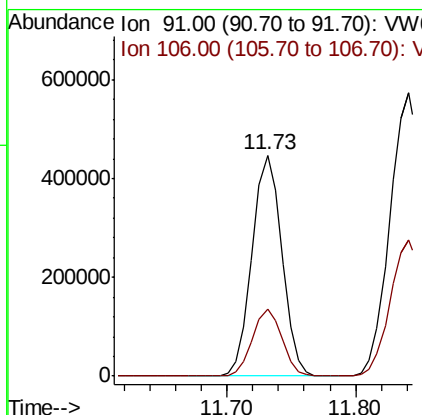
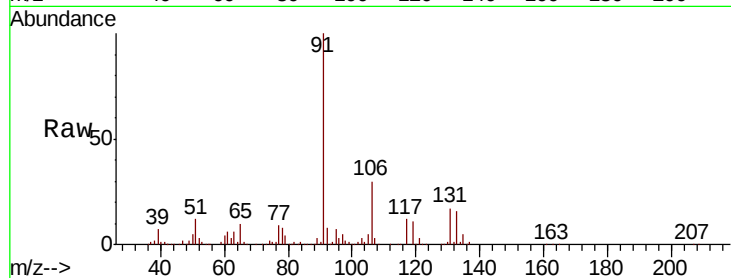




#67
Ethyl Benzene
Concen: 47.910 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

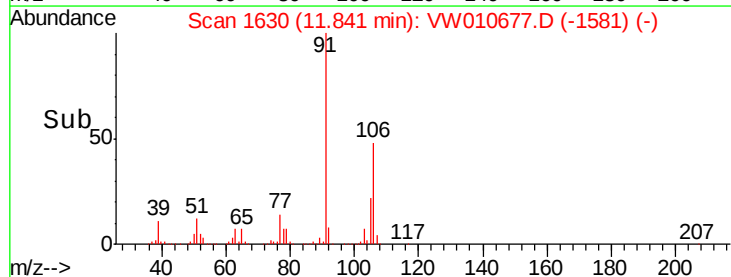
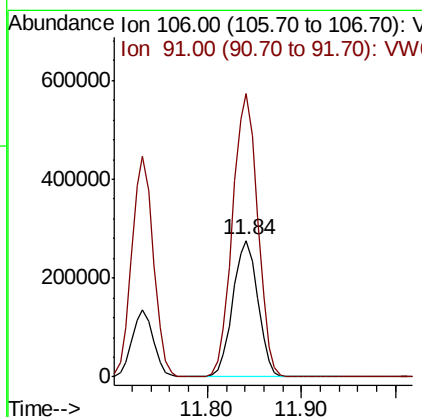
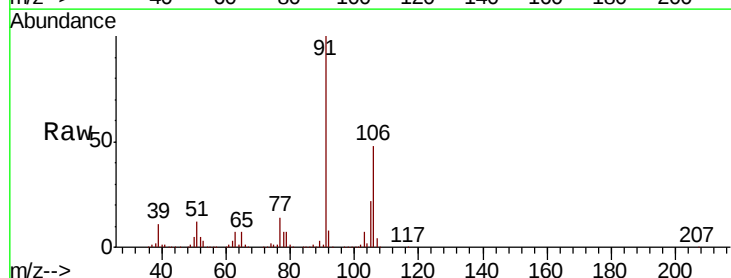
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

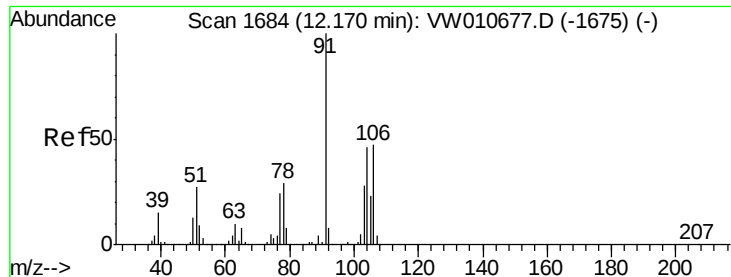
Tot Ion: 91 Resp: 712932
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 95.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion: 106 Resp: 511348
Ion Ratio Lower Upper
106 100
91 208.1 166.5 249.7

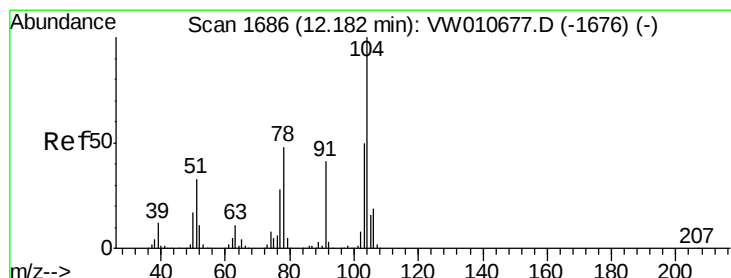
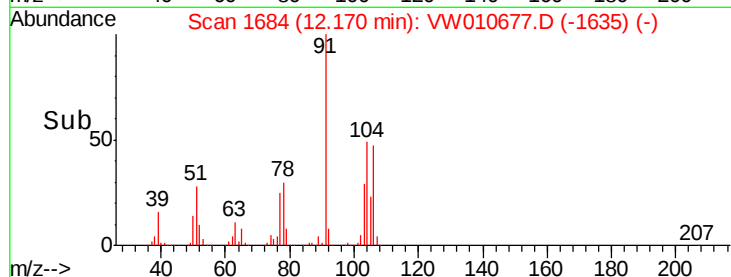
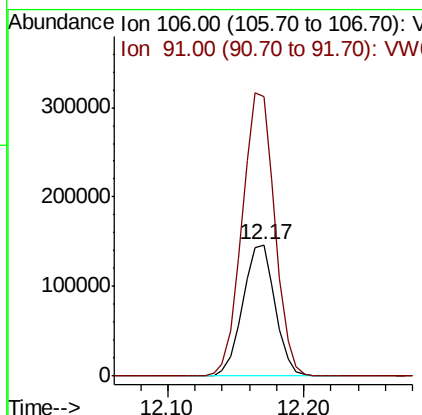
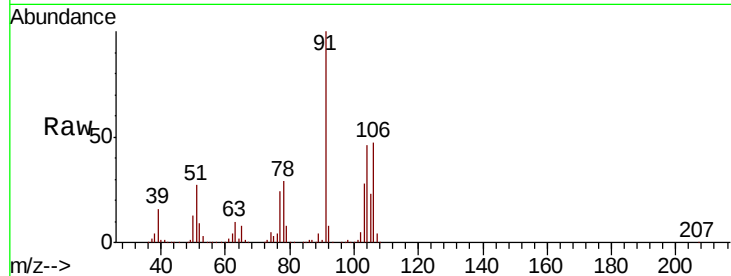




#69
o-Xylene
Concen: 48.158 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

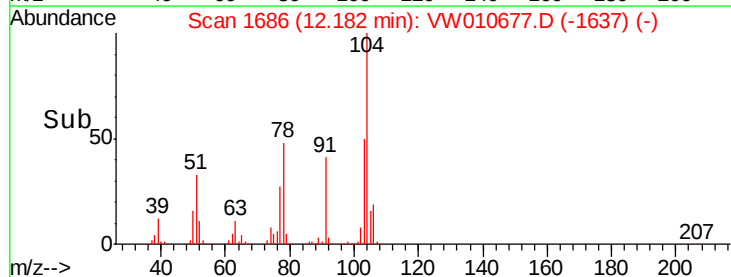
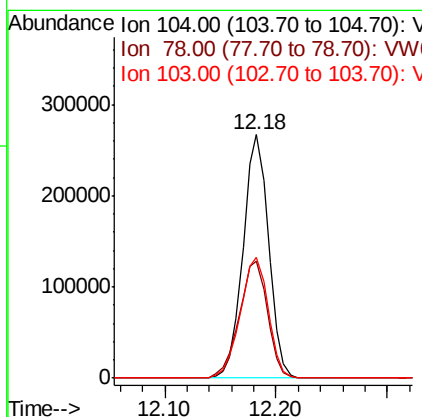
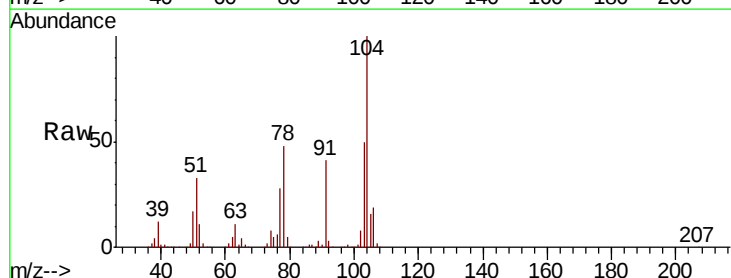
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

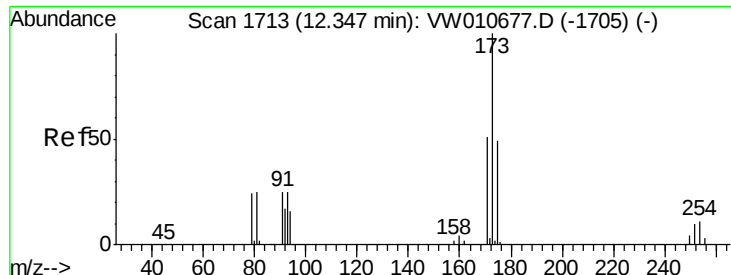
Tot Ion:106 Resp: 243298
Ion Ratio Lower Upper
106 100
91 217.7 108.9 326.6



#70
Styrene
Concen: 48.360 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:104 Resp: 424411
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 54.5 43.6 65.4

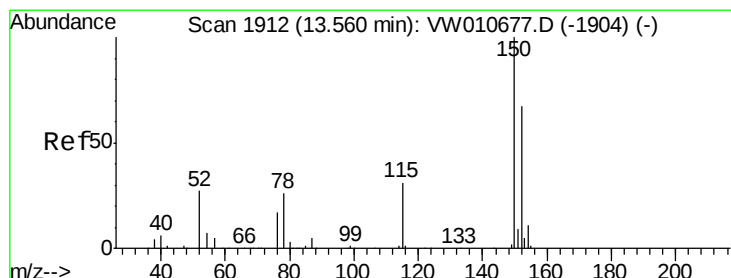
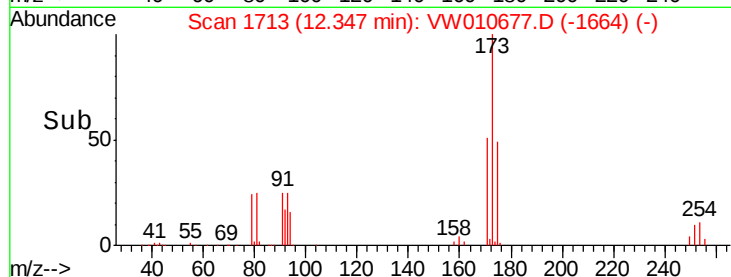
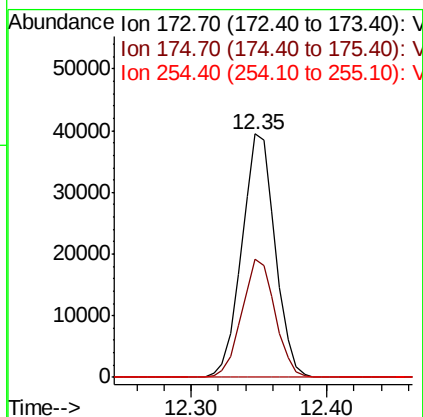
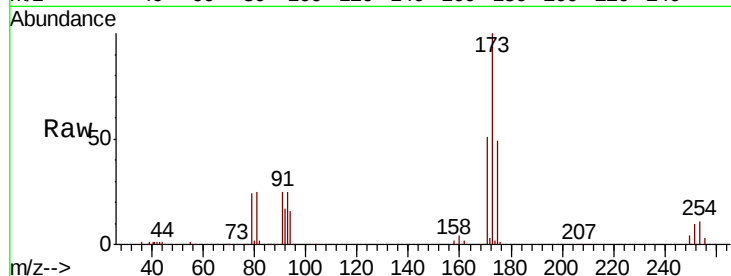




#71
Bromoform
Concen: 48.593 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

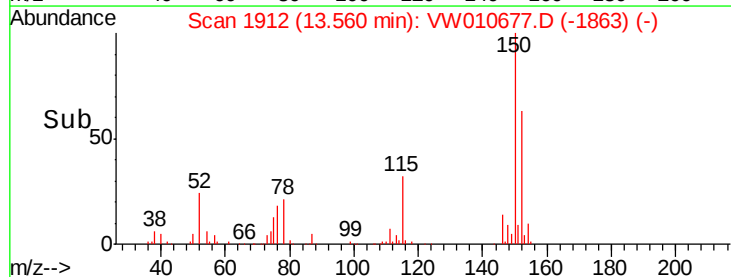
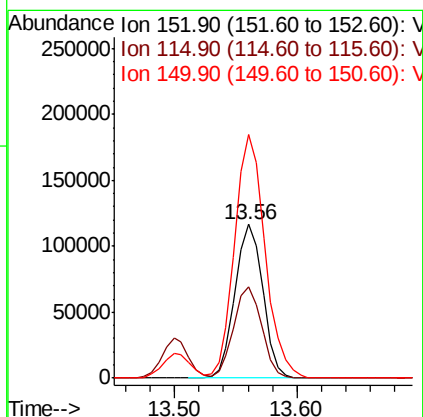
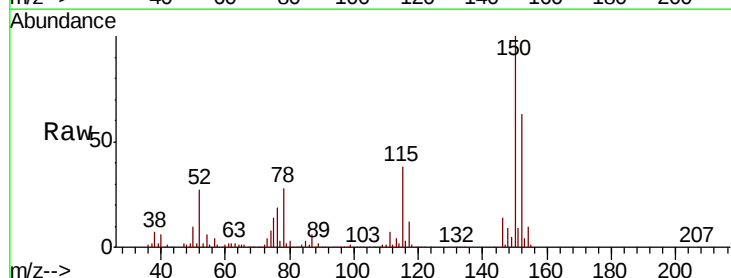
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

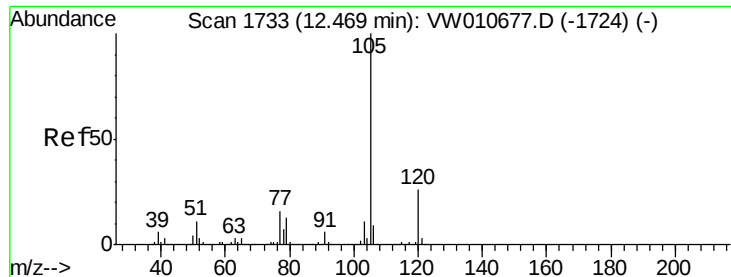
Tot Ion:173 Resp: 67360
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:152 Resp: 183960
Ion Ratio Lower Upper
152 100
115 59.5 29.8 89.3
150 172.5 0.0 345.0





#73

Isopropylbenzene

Concen: 48.993 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

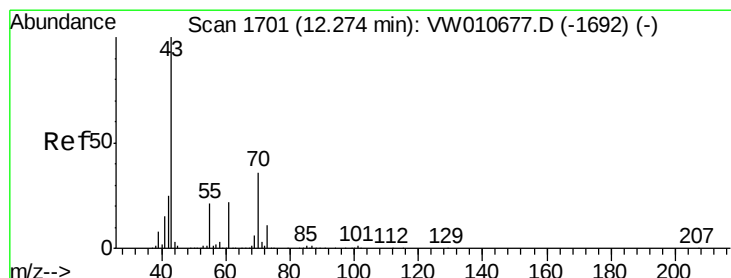
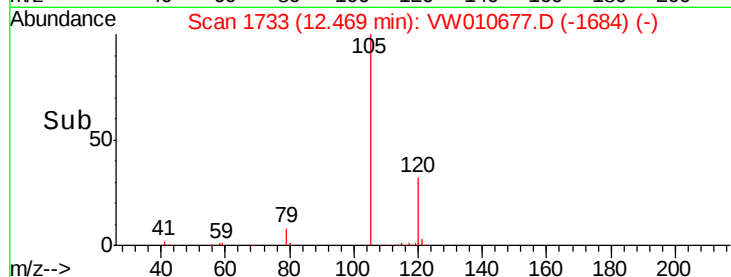
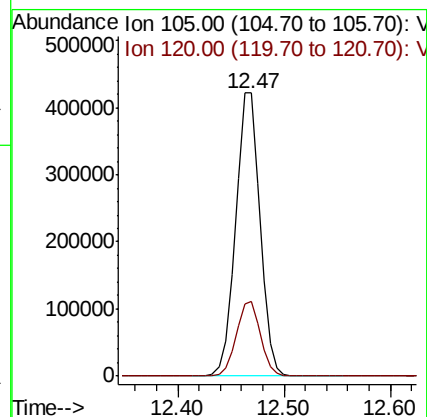
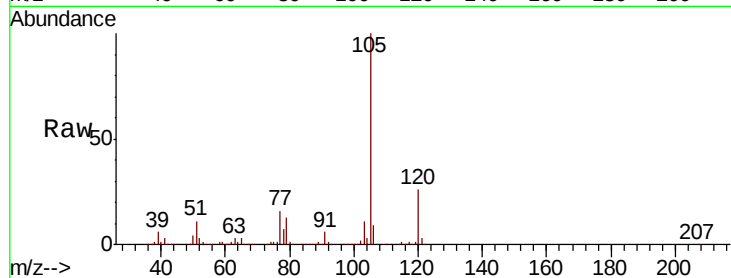
VSTDICCC050

Tot Ion:105 Resp: 677275

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 48.101 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Tgt Ion: 43 Resp: 214899

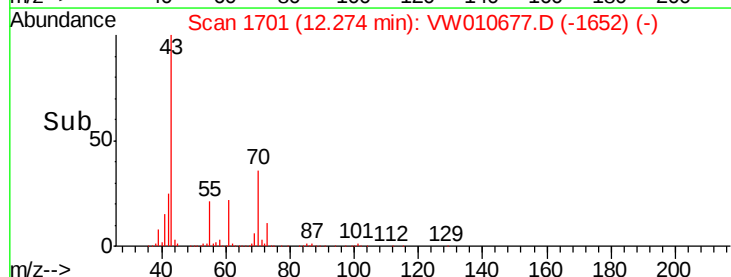
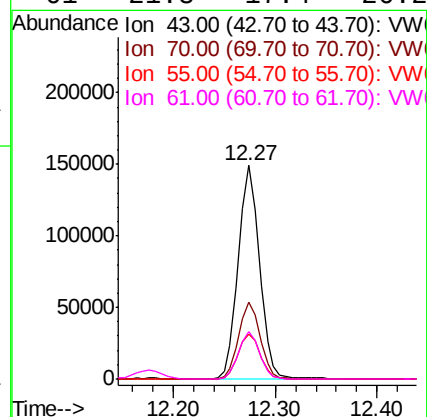
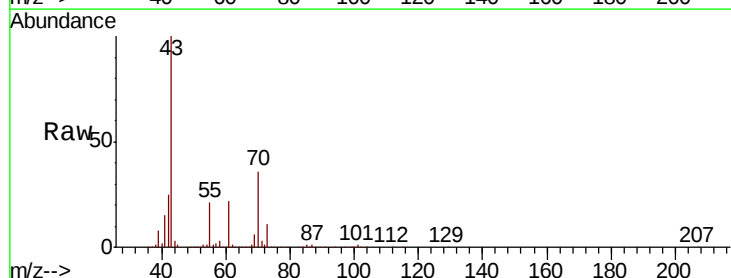
Ion Ratio Lower Upper

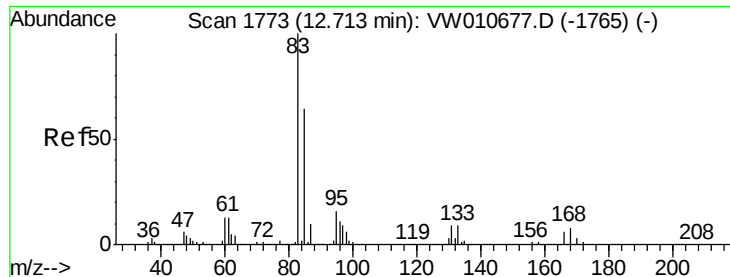
43 100

70 36.5 29.2 43.8

55 21.9 17.5 26.3

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.986 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

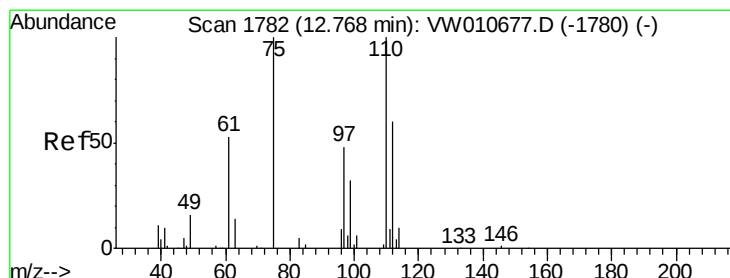
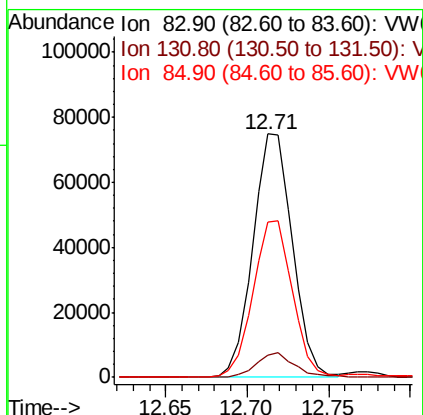
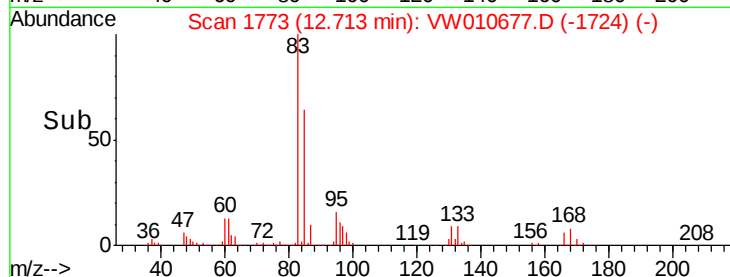
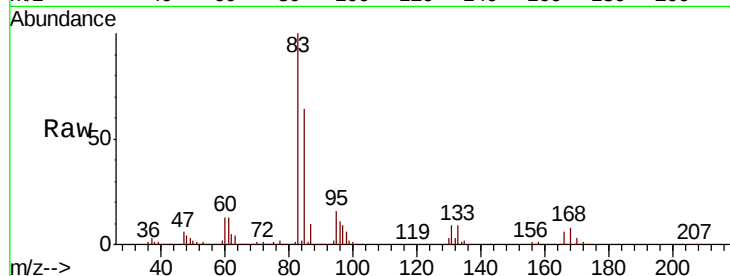
Tot Ion: 83 Resp: 126284

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.043 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010677.D

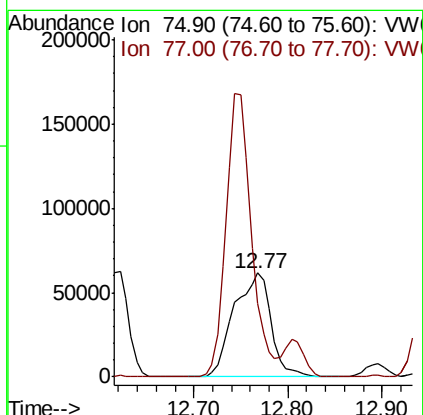
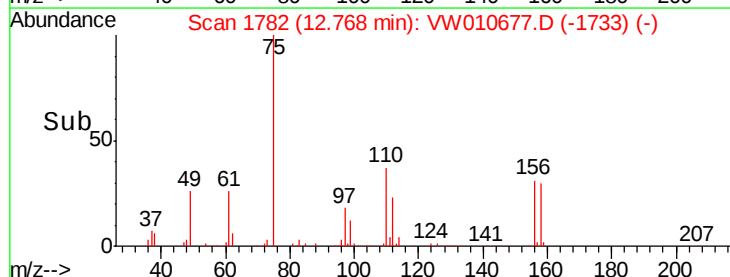
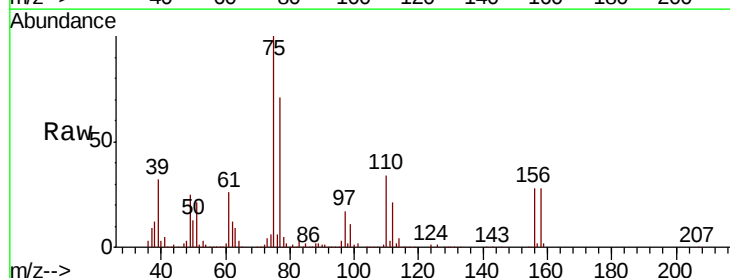
Acq: 04 Jun 2019 15:41

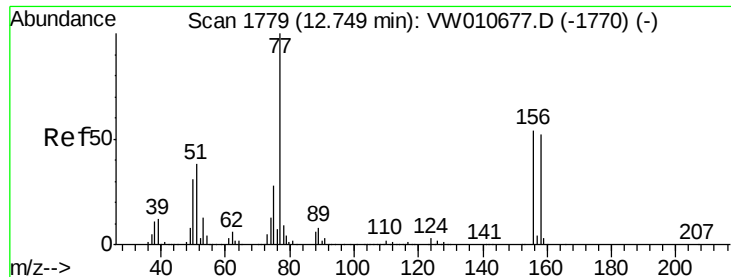
Tgt Ion: 75 Resp: 168777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.968 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

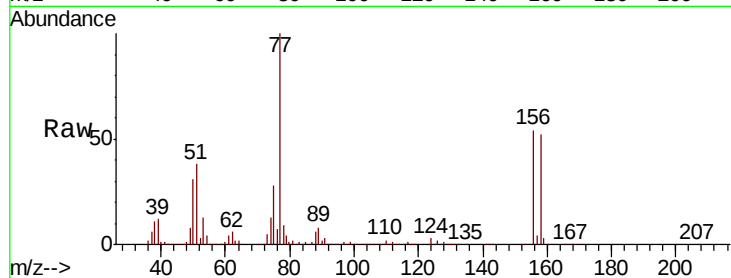
Tot Ion:156 Resp: 147763

Ion Ratio Lower Upper

156 100

77 212.9 106.5 319.4

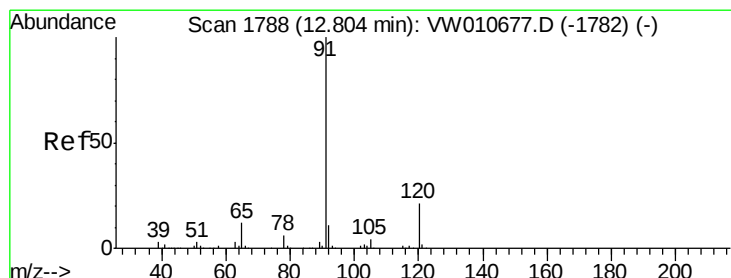
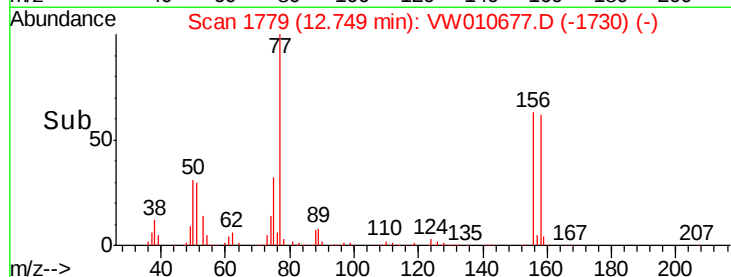
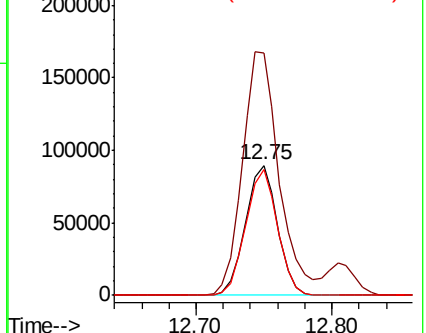
158 96.6 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.085 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010677.D

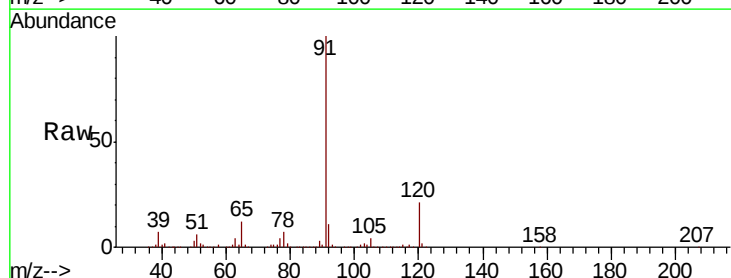
Acq: 04 Jun 2019 15:41

Tgt Ion: 91 Resp: 818187

Ion Ratio Lower Upper

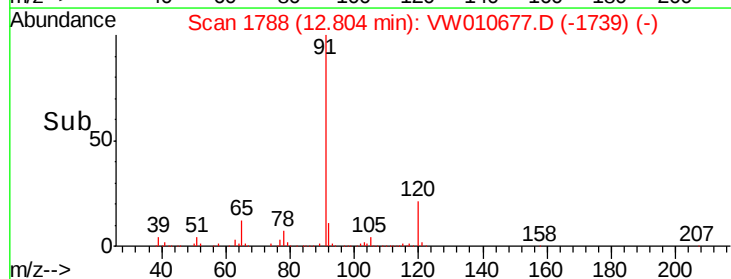
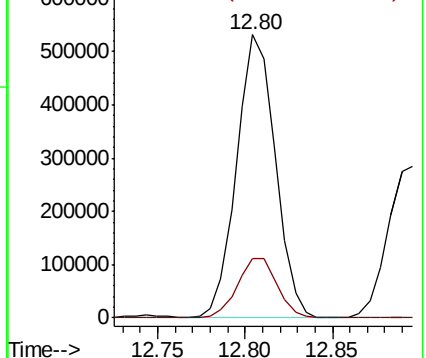
91 100

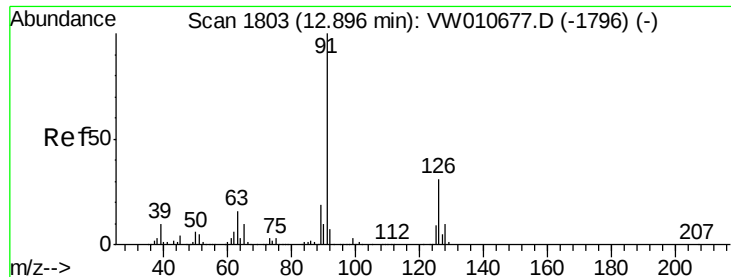
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.752 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

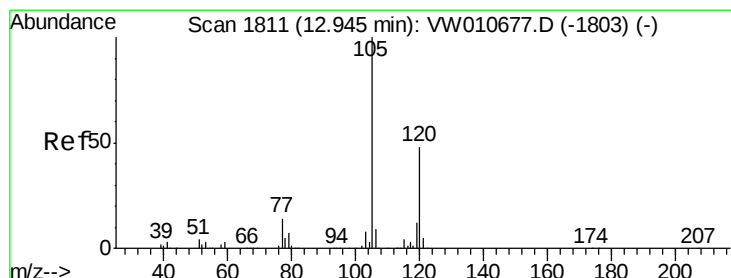
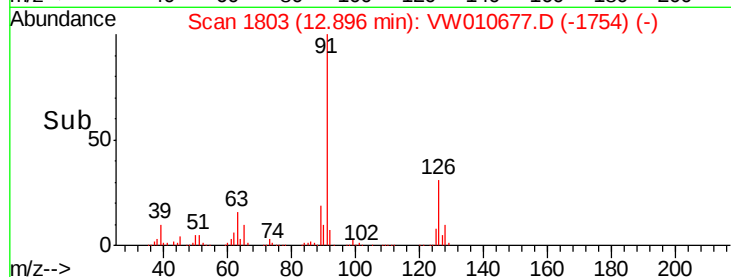
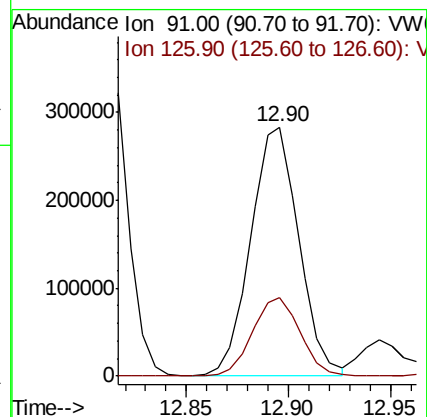
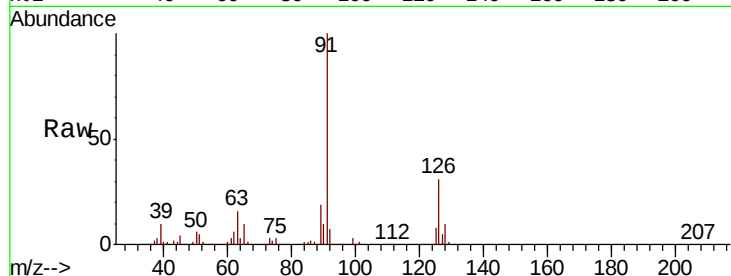
VSTDICCC050

Tot Ion: 91 Resp: 464270

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 48.866 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010677.D

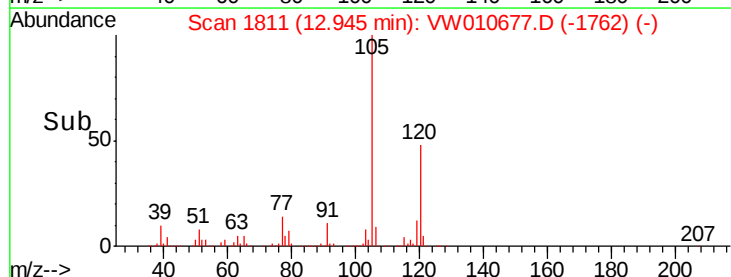
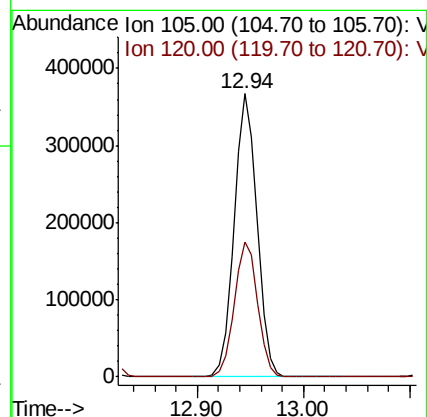
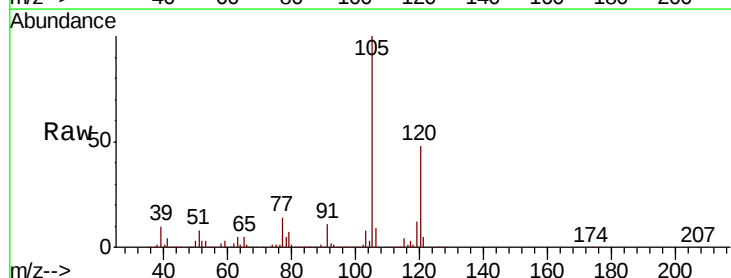
Acq: 04 Jun 2019 15:41

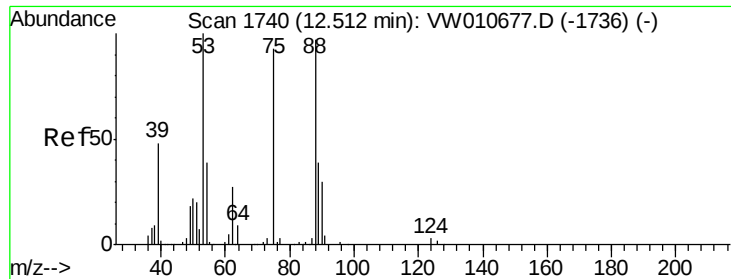
Tgt Ion:105 Resp: 552922

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.524 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

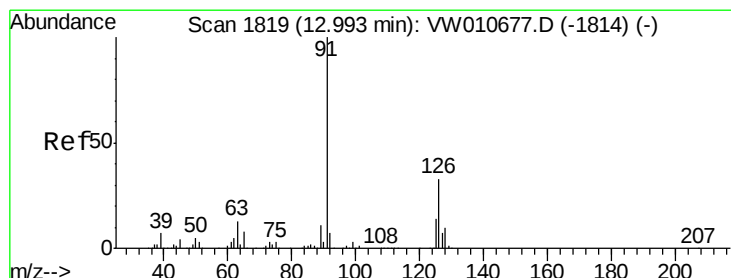
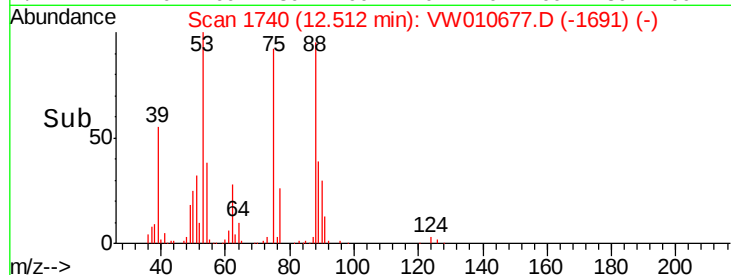
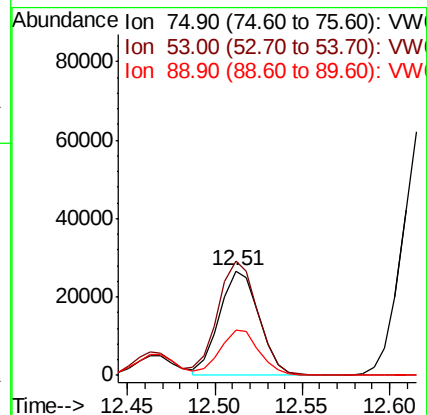
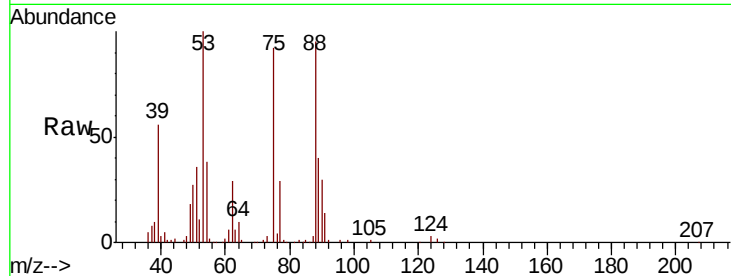
Tot Ion: 75 Resp: 41627

Ion Ratio Lower Upper

75 100

53 112.6 90.1 135.1

89 43.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 48.478 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010677.D

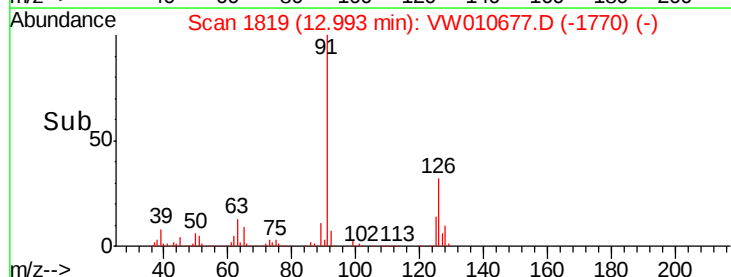
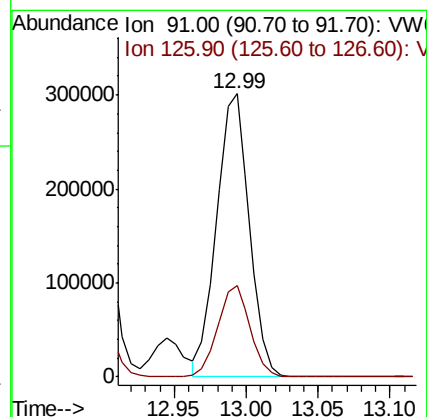
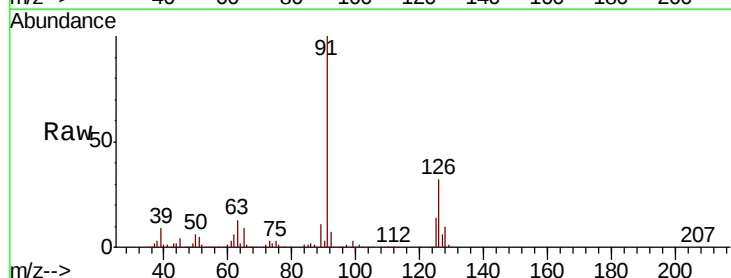
Acq: 04 Jun 2019 15:41

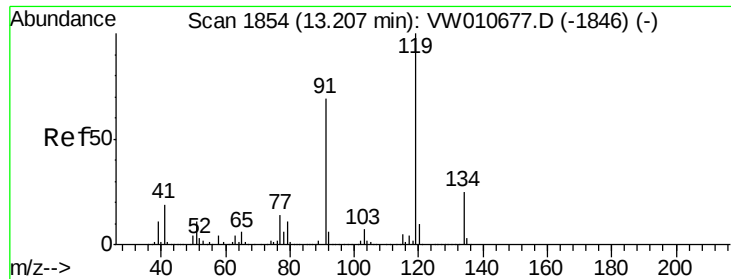
Tgt Ion: 91 Resp: 476420

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7

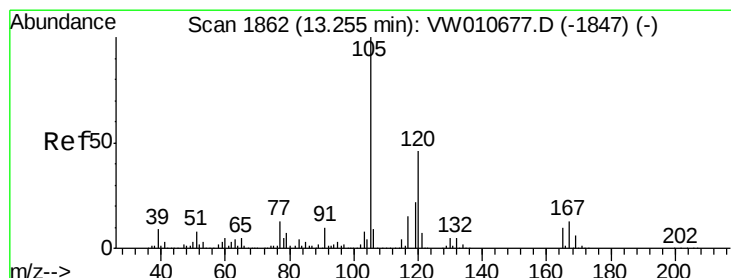
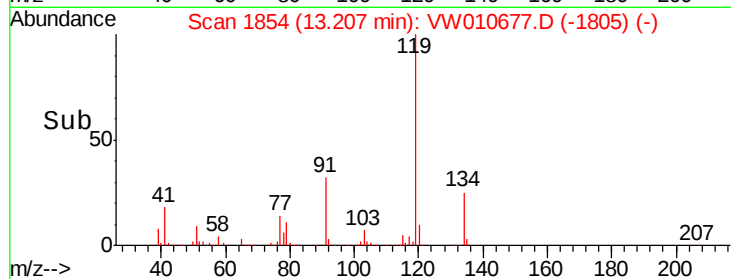
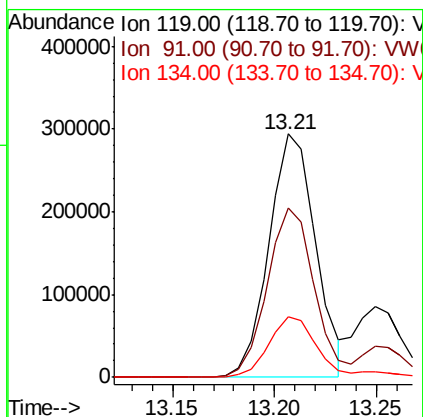
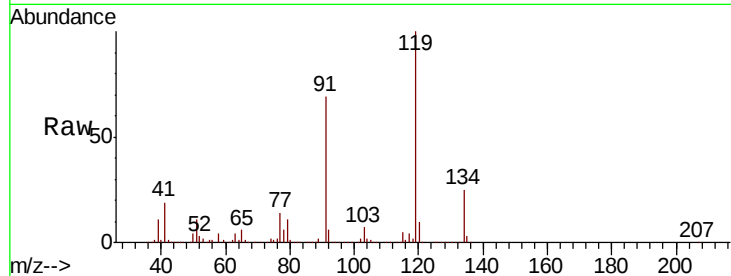




#83
tert-Butylbenzene
Concen: 48.932 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

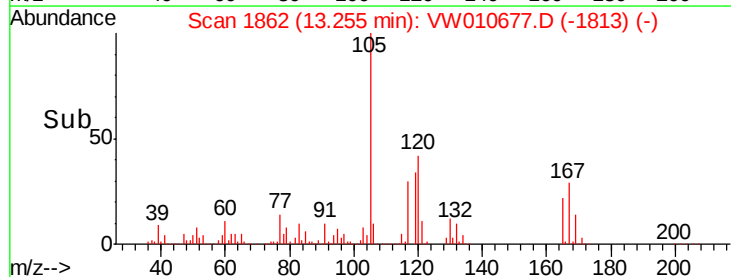
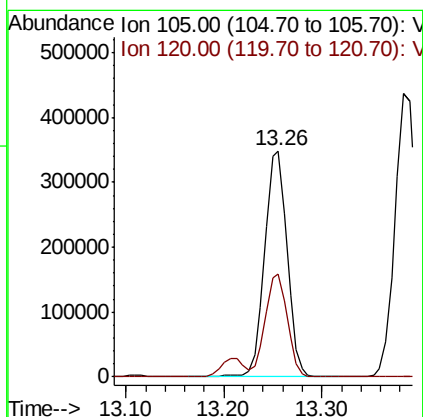
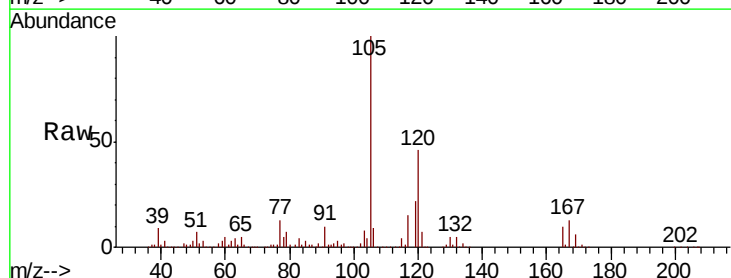
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

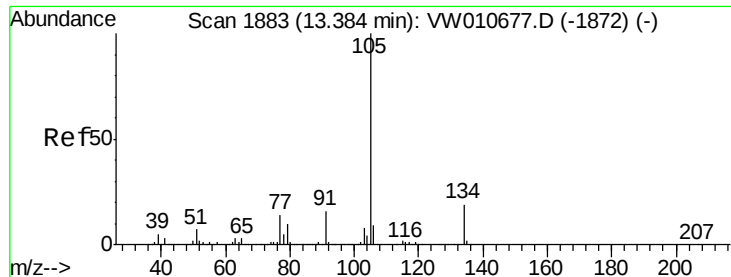
Tot Ion:119 Resp: 469890
Ion Ratio Lower Upper
119 100
91 70.2 35.1 105.3
134 27.1 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 48.684 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:105 Resp: 554333
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 49.038 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

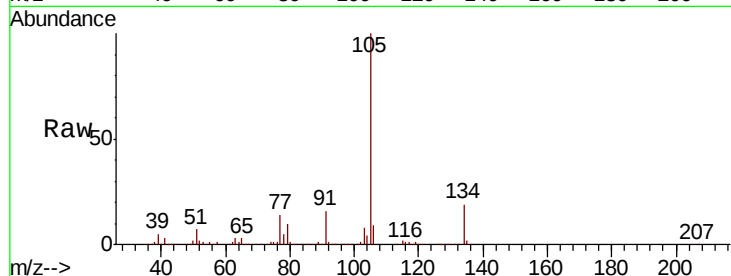
VSTDICCC050

Tot Ion:105 Resp: 685622

Ion Ratio Lower Upper

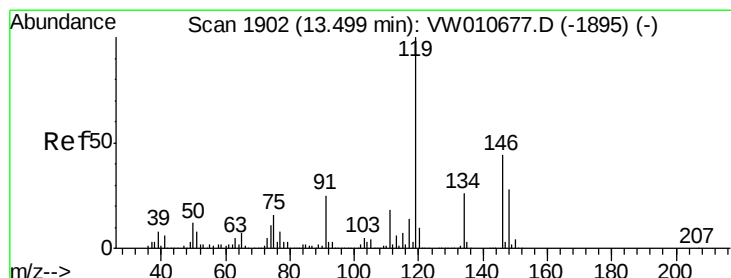
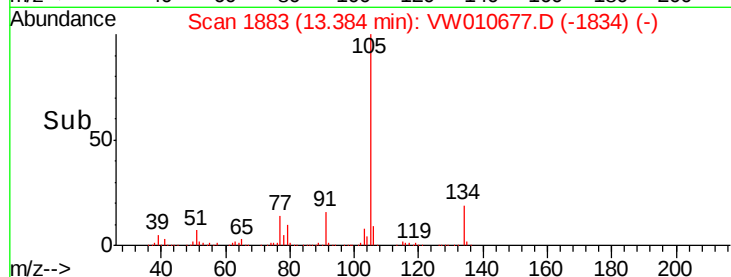
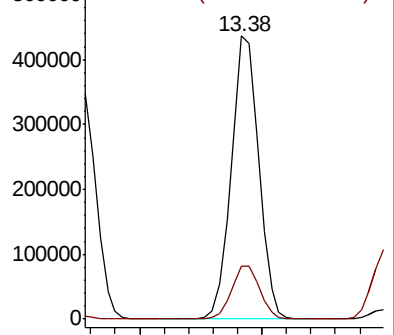
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.851 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

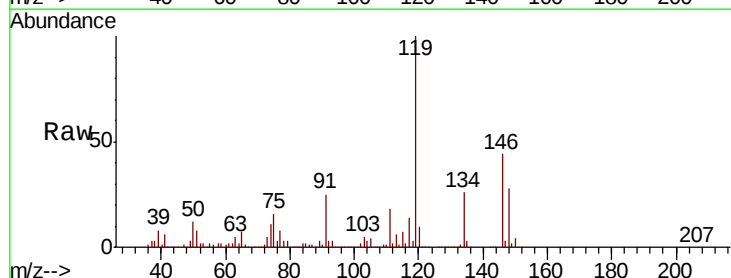
Tgt Ion:119 Resp: 610791

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

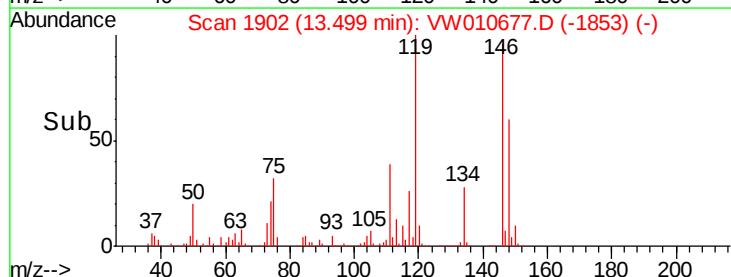
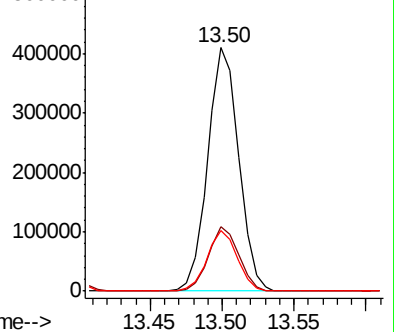
91 24.3 12.2 36.4

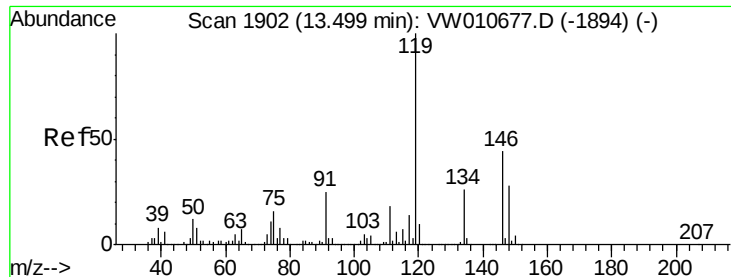


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

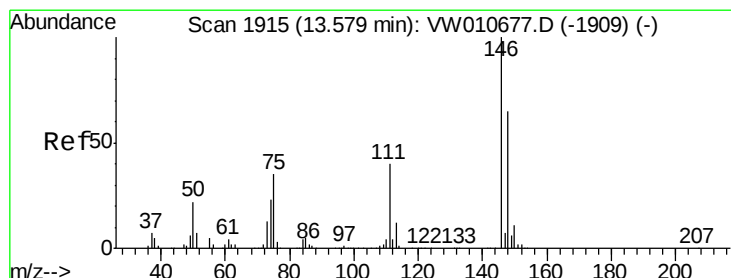
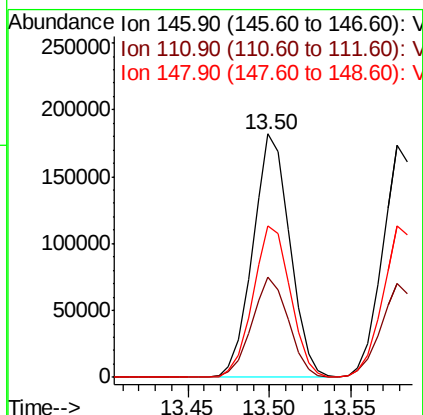
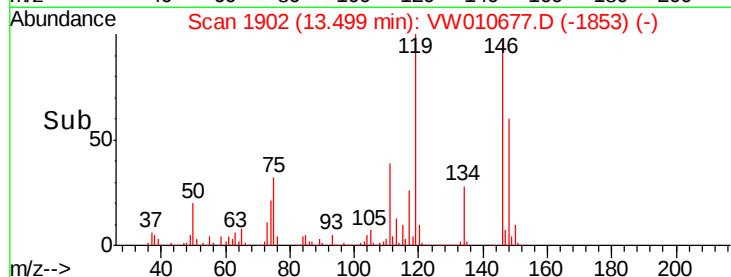
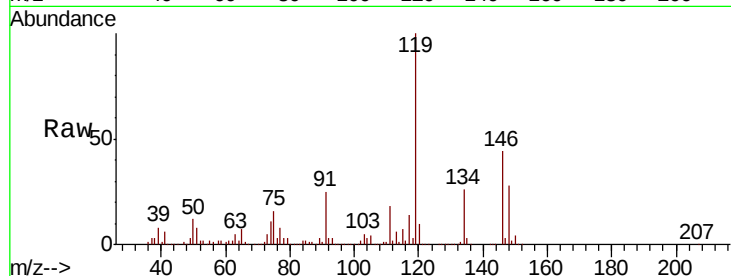




#87
 1,3-Dichlorobenzene
 Concen: 49.208 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

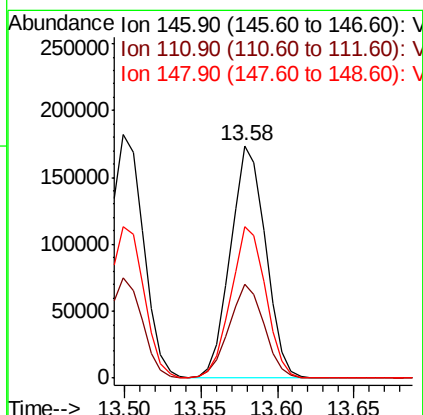
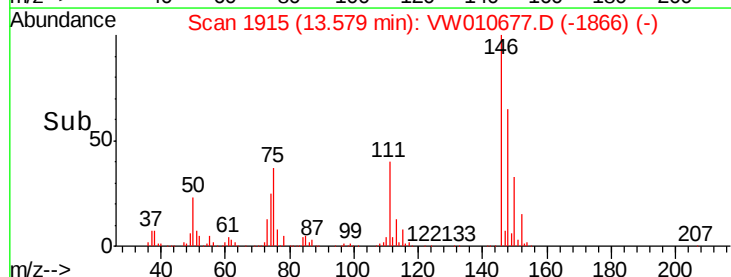
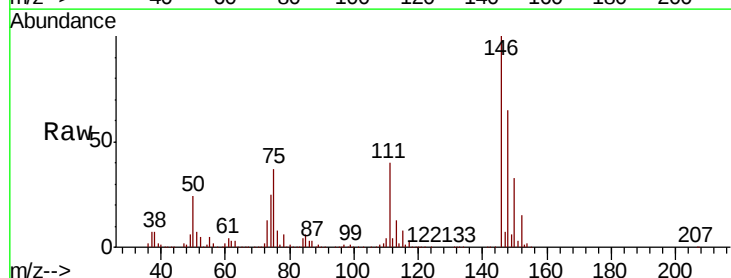
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

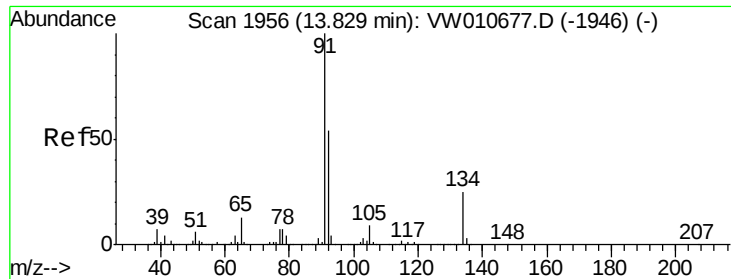
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.0	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.961 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.8	32.4	97.2





#89

n-Butylbenzene

Concen: 49.275 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

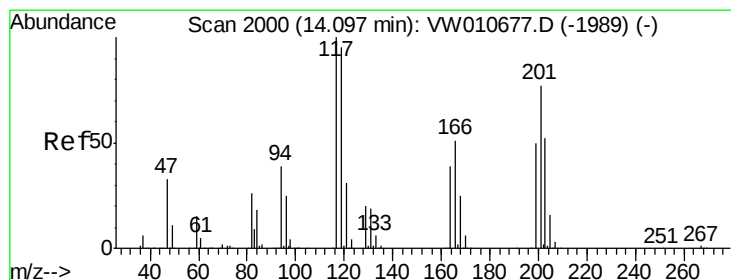
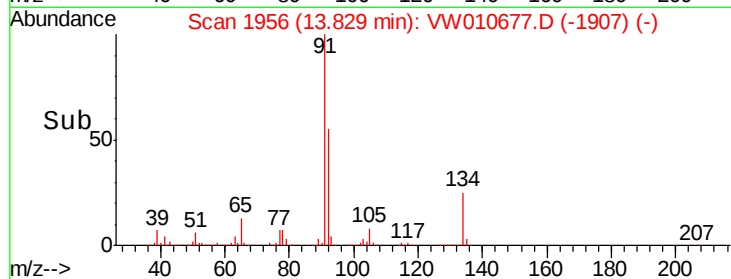
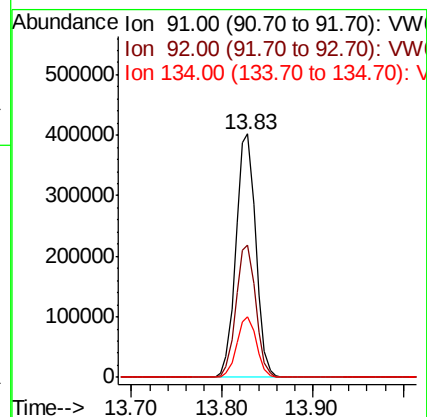
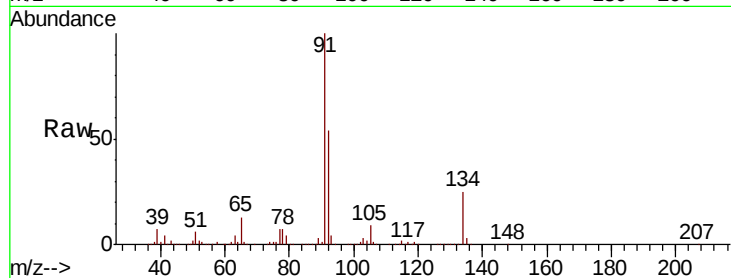
Tot Ion: 91 Resp: 614699

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 50.163 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010677.D

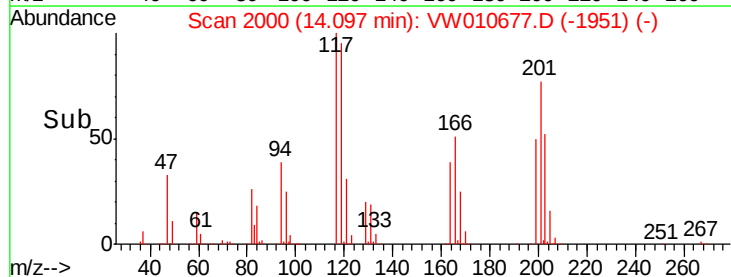
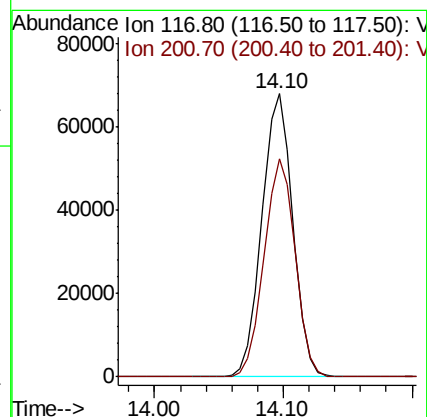
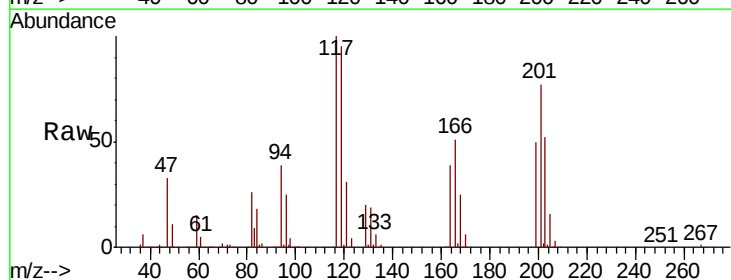
Acq: 04 Jun 2019 15:41

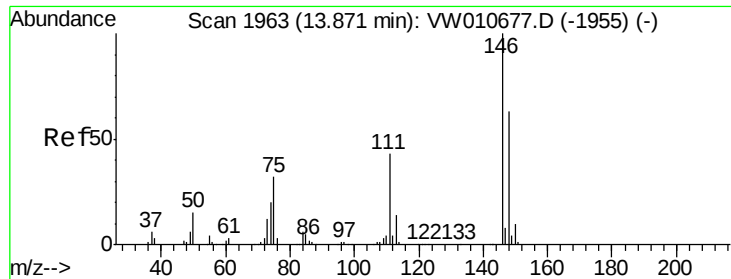
Tgt Ion: 117 Resp: 112320

Ion Ratio Lower Upper

117 100

201 77.6 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 47.942 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

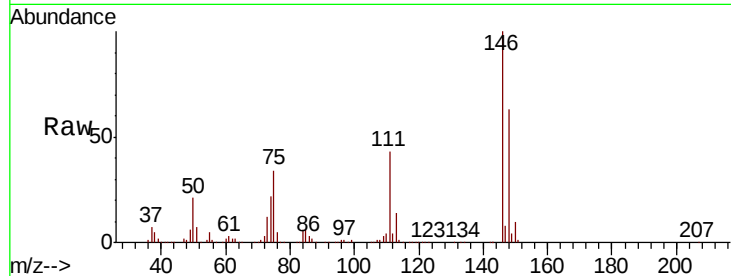
Tot Ion:146 Resp: 250890

Ion Ratio Lower Upper

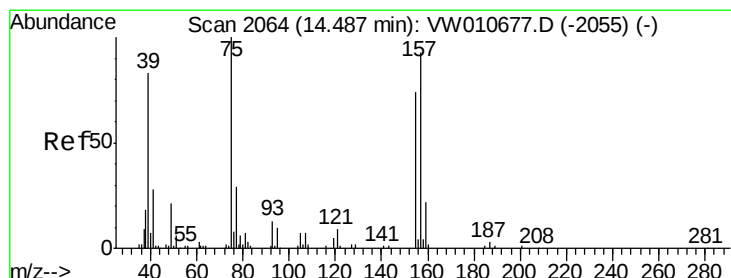
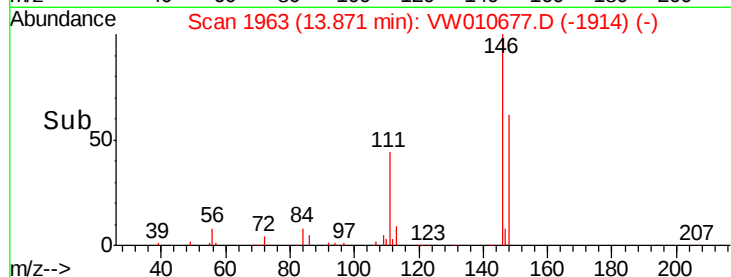
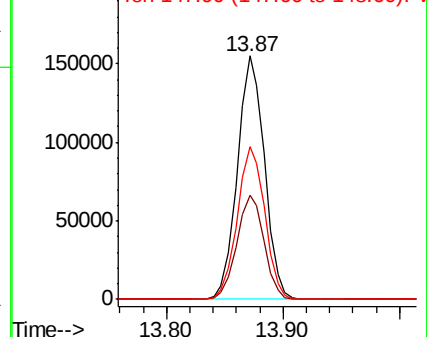
146 100

111 43.0 21.5 64.5

148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.995 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010677.D

Acq: 04 Jun 2019 15:41

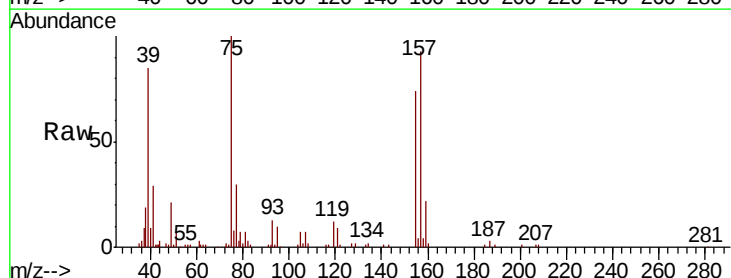
Tgt Ion: 75 Resp: 21238

Ion Ratio Lower Upper

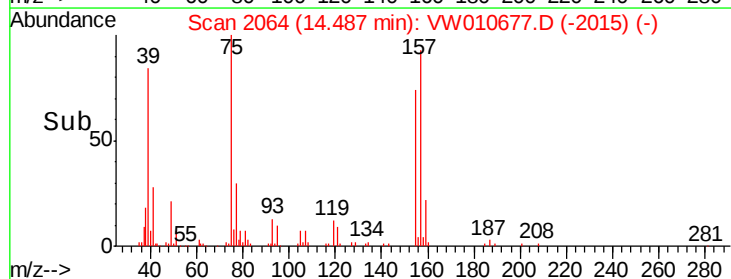
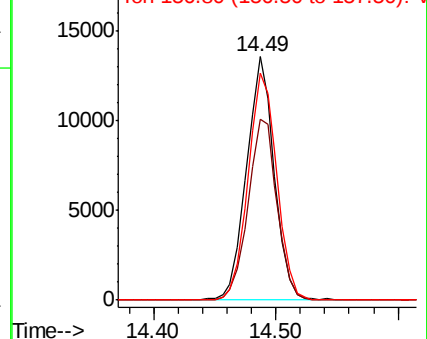
75 100

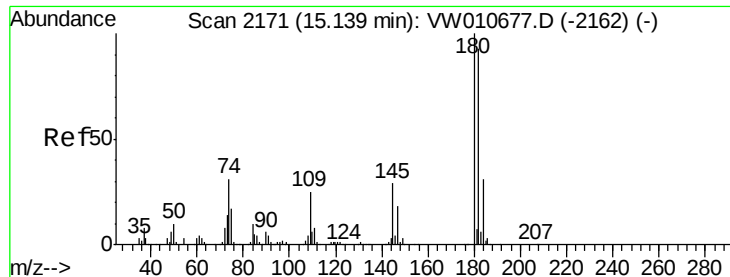
155 77.6 38.8 116.4

157 96.7 48.4 145.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

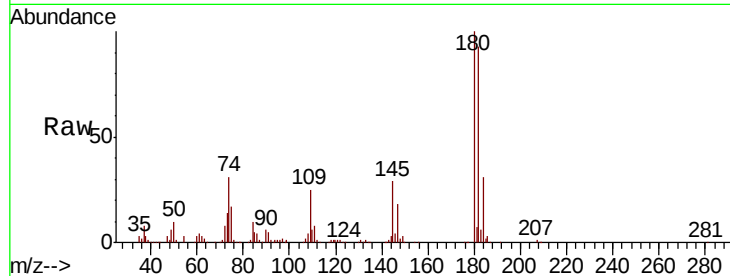




#93
 1,2,4-Trichlorobenzene
 Concen: 49.625 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	30.3	15.2	45.5

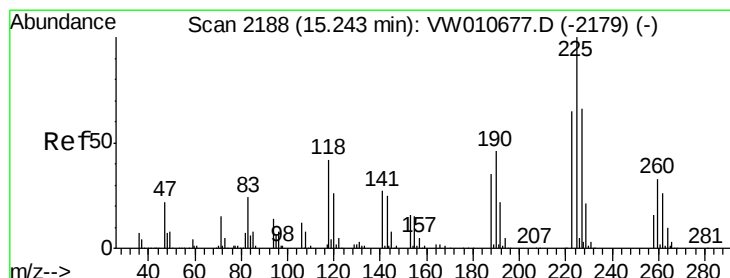
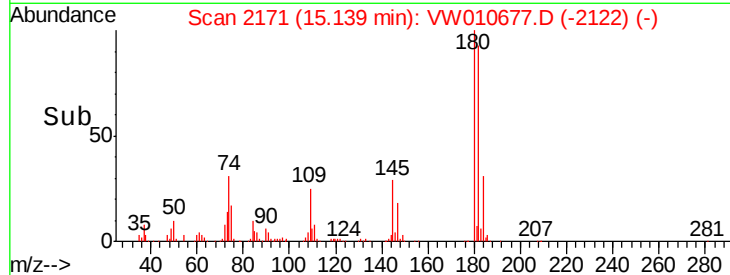
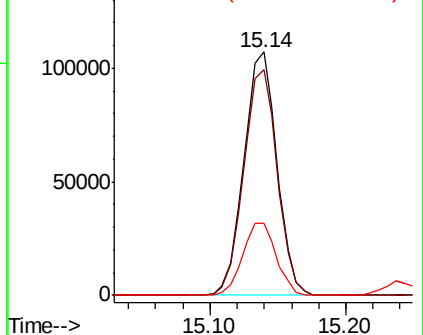


Abundance

Ion 179.80 (179.50 to 180.50): V

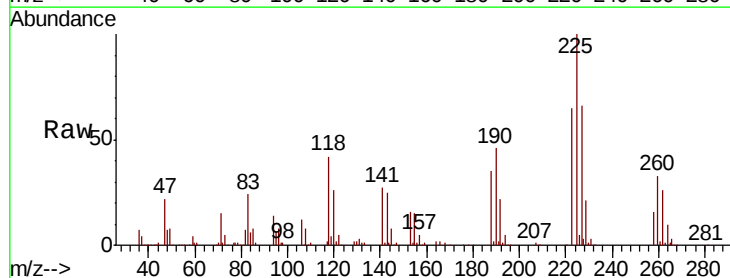
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.868 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010677.D
 Acq: 04 Jun 2019 15:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.2	96.6
227	64.0	32.0	96.0

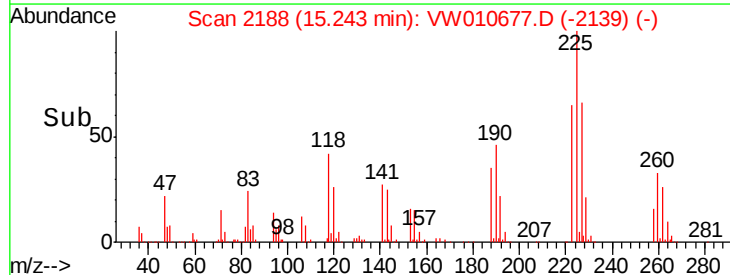
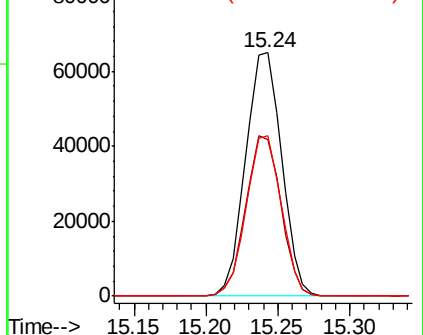


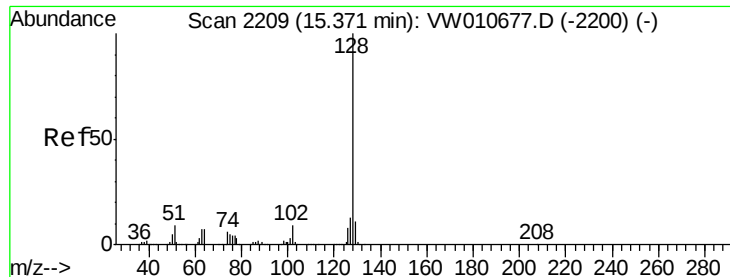
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

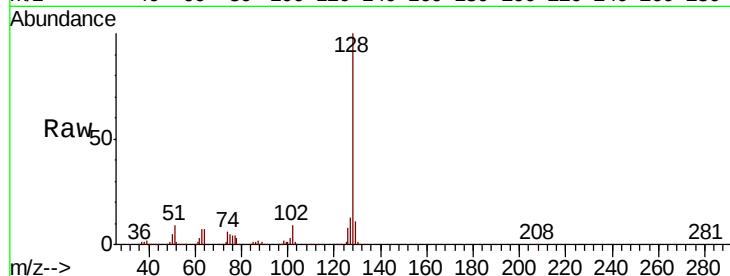




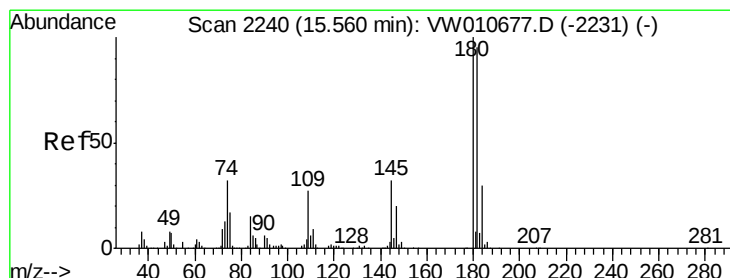
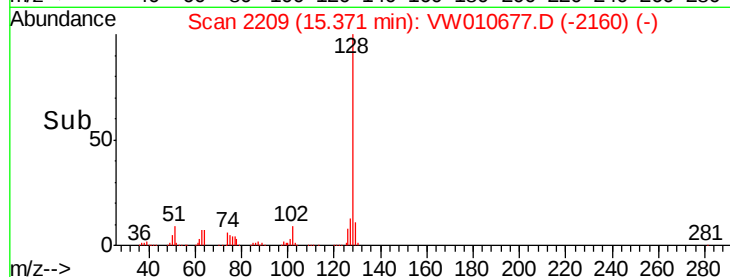
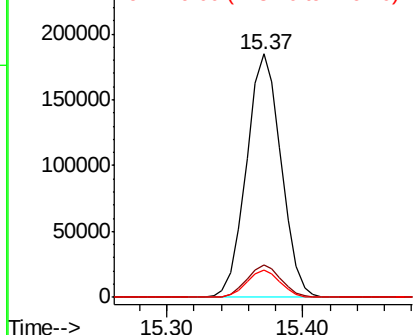
#95
Naphthalene
Concen: 49.392 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 329558
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0

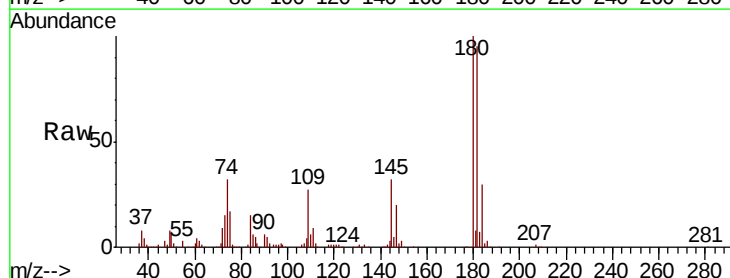


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.740 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010677.D
Acq: 04 Jun 2019 15:41

Tgt Ion:180 Resp: 155347
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 32.2 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

