

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010524.D
 Acq On : 23 May 2019 12:22
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 08:40:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	235103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97763	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	60069	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
35) Dibromofluoromethane	7.88	113	66533	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	10.32	98	255792	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	12.62	95	95530	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	64138	52.714	ug/l	100
3) Chloromethane	2.21	50	74004	51.558	ug/l	98
4) Vinyl Chloride	2.35	62	78648	47.304	ug/l	99
5) Bromomethane	2.76	94	55392	48.428	ug/l	99
6) Chloroethane	2.92	64	53292	49.932	ug/l	95
7) Trichlorofluoromethane	3.26	101	134938	54.973	ug/l	96
8) Diethyl Ether	3.68	74	40379	51.894	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	83464	55.213	ug/l	98
10) Methyl Iodide	4.27	142	102372	59.249	ug/l	97
11) Tert butyl alcohol	5.17	59	27813	219.283	ug/l	97
12) 1,1-Dichloroethene	4.04	96	80384	55.706	ug/l	98
13) Acrolein	3.89	56	22016	302.583	ug/l	97
14) Allyl chloride	4.67	41	111743	53.498	ug/l	98
15) Acrylonitrile	5.37	53	73634	225.962	ug/l	100
16) Acetone	4.12	43	77491	269.225	ug/l	98
17) Carbon Disulfide	4.38	76	233659	54.288	ug/l	100
18) Methyl Acetate	4.67	43	30685	43.590	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	187168	50.879	ug/l	97
20) Methylene Chloride	4.92	84	82747	48.883	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	93557	56.524	ug/l	98
22) Diisopropyl ether	6.31	45	226530	52.892	ug/l	98
23) Vinyl Acetate	6.25	43	646857	252.841	ug/l	99
24) 1,1-Dichloroethane	6.21	63	142580	55.786	ug/l	97
25) 2-Butanone	7.17	43	99661	241.947	ug/l	99
26) 2,2-Dichloropropane	7.16	77	143489	58.938	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	102646	57.043	ug/l	99
28) Bromochloromethane	7.51	49	44664	48.809	ug/l	93
29) Tetrahydrofuran	7.53	42	59076	211.946	ug/l	98
30) Chloroform	7.67	83	154849	56.169	ug/l	95
31) Cyclohexane	7.95	56	133408	49.831	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	148412	56.325	ug/l	99
36) 1,1-Dichloropropene	8.08	75	121356	55.411	ug/l	99
37) Ethyl Acetate	7.25	43	42304	45.423	ug/l	99
38) Carbon Tetrachloride	8.07	117	133454	56.487	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	161306	54.974	ug/l	99
40) Benzene	8.32	78	347139	57.027	ug/l	99
41) Methacrylonitrile	7.48	41	24436	44.158	ug/l	98
42) 1,2-Dichloroethane	8.40	62	92726	53.297	ug/l	99
43) Isopropyl Acetate	8.42	43	84187	45.247	ug/l	98
44) Trichloroethene	9.09	130	103956	57.524	ug/l	98
45) 1,2-Dichloropropane	9.37	63	80475	55.665	ug/l	98
46) Dibromomethane	9.46	93	44901	53.107	ug/l	98
47) Bromodichloromethane	9.65	83	115888	54.544	ug/l	97
48) Methyl methacrylate	9.43	41	41174	48.371	ug/l	97
49) 1,4-Dioxane	9.45	88	11153	807.516	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	211114	223.920	ug/l	98
52) Toluene	10.39	92	234379	57.333	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	115193	53.533	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	136756	55.648	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	64772	53.275	ug/l	98
56) Ethyl methacrylate	10.65	69	80480	47.996	ug/l	98
57) 1,3-Dichloropropane	10.93	76	106742	52.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	169115	227.700	ug/l	98
59) 2-Hexanone	10.97	43	151078	224.634	ug/l	98
60) Dibromochloromethane	11.13	129	83796	54.458	ug/l	100
61) 1,2-Dibromoethane	11.24	107	63879	51.866	ug/l	98
64) Tetrachloroethene	10.86	164	83324	57.205	ug/l	99
65) Chlorobenzene	11.66	112	254604	57.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	90076	56.465	ug/l	99
67) Ethyl Benzene	11.73	91	439033	55.840	ug/l	99
68) m/p-Xylenes	11.84	106	348574	113.031	ug/l	99
69) o-Xylene	12.16	106	163295	55.889	ug/l	99
70) Styrene	12.18	104	275157	55.503	ug/l	100
71) Bromoform	12.35	173	44600	50.770	ug/l	# 100
73) Isopropylbenzene	12.47	105	443613	57.183	ug/l	100
74) N-amyl acetate	12.27	43	77541	43.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	69052	48.937	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	88688	89.371	ug/l	34
77) Bromobenzene	12.75	156	101063	58.214	ug/l	95
78) n-propylbenzene	12.80	91	509903	56.400	ug/l	99
79) 2-Chlorotoluene	12.90	91	296161	56.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	372837	56.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	22792	47.934	ug/l	98
82) 4-Chlorotoluene	12.99	91	306375	56.299	ug/l	99
83) tert-Butylbenzene	13.21	119	320992	55.929	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	365831	55.904	ug/l	100
85) sec-Butylbenzene	13.38	105	446543	55.597	ug/l	99
86) p-Isopropyltoluene	13.50	119	402108	55.312	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	191951	56.356	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	192911	56.451	ug/l	99
89) n-Butylbenzene	13.83	91	373656	54.036	ug/l	99
90) Hexachloroethane	14.10	117	79335	56.381	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	172878	55.705	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11300	43.068	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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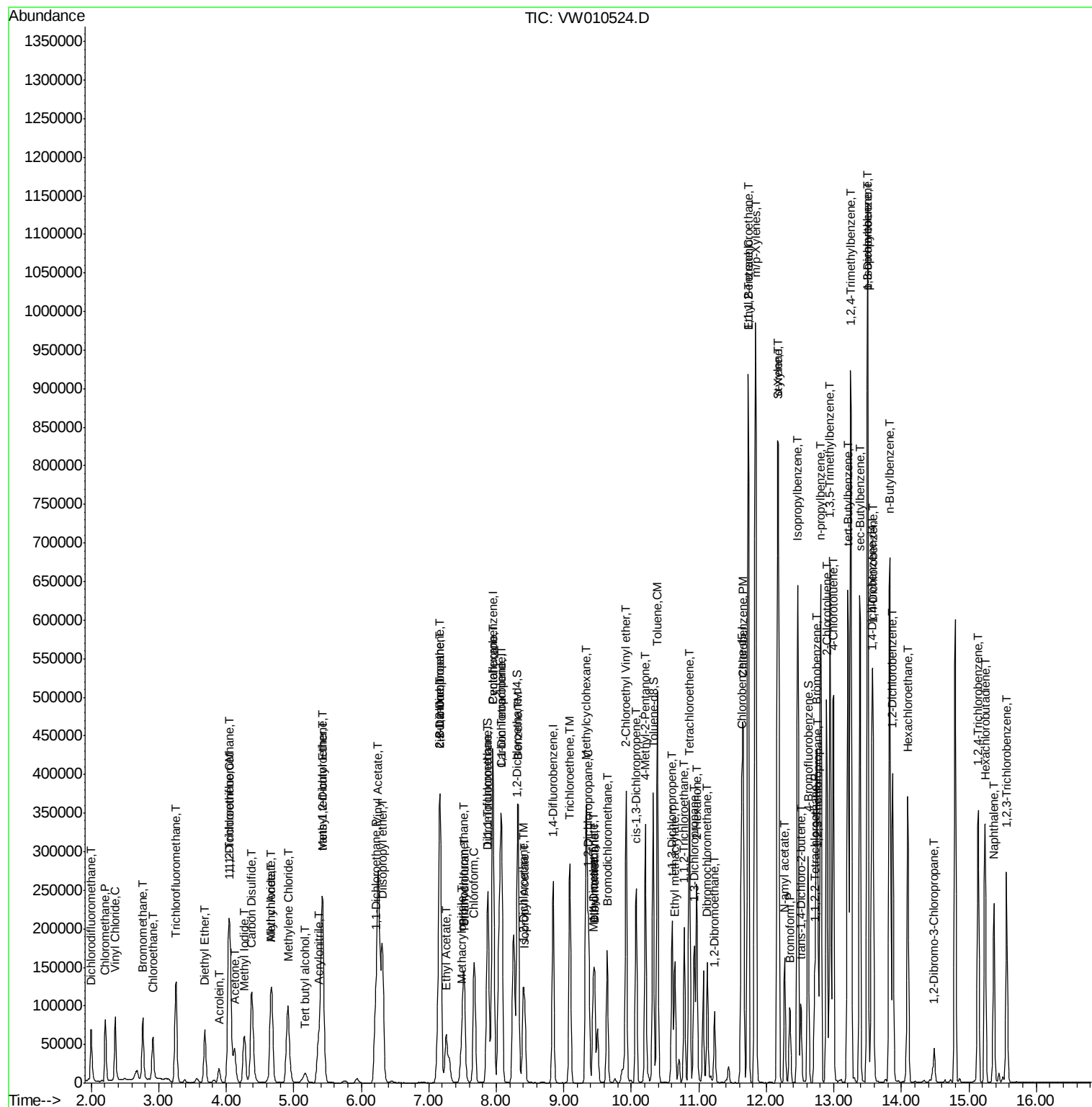
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	112967	53.500	ug/l	99
94) Hexachlorobutadiene	15.24	225	61158	54.216	ug/l	99
95) Naphthalene	15.37	128	206826	46.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93551	51.489	ug/l	99

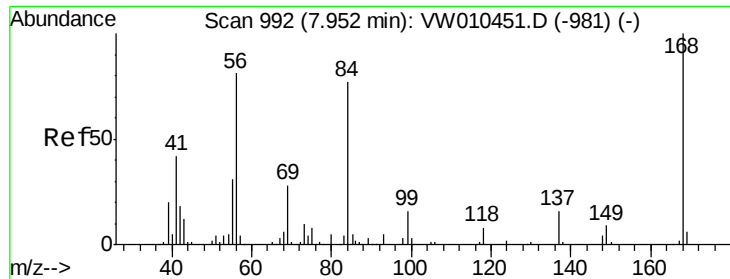
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

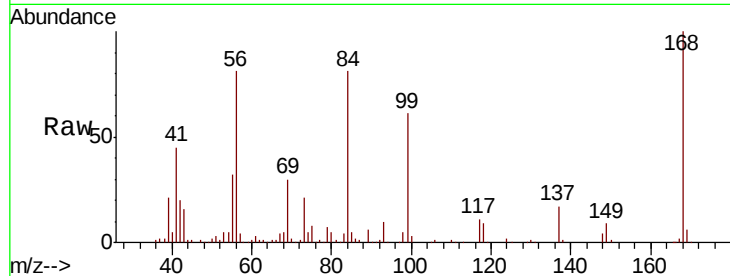
VSTDCCC050

Tot Ion:168 Resp: 136614

Ion Ratio Lower Upper

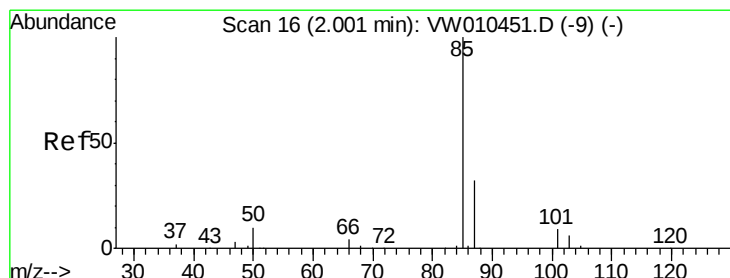
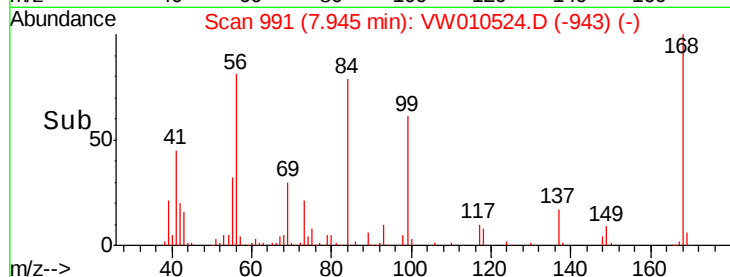
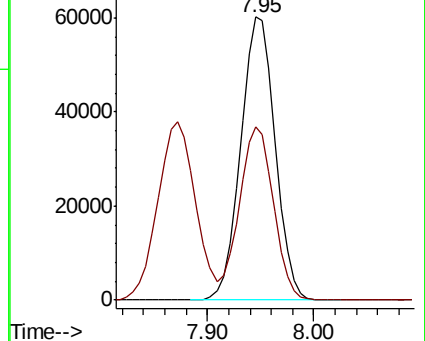
168 100

99 61.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.714 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010524.D

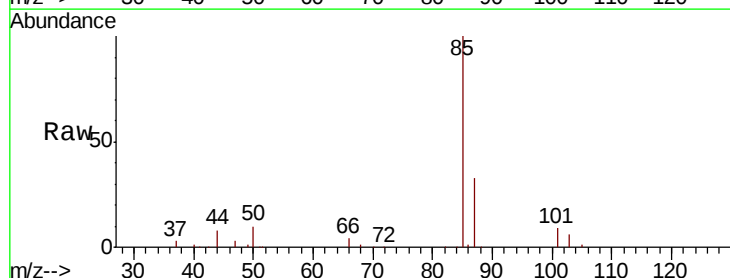
Acq: 23 May 2019 12:22

Tgt Ion: 85 Resp: 64138

Ion Ratio Lower Upper

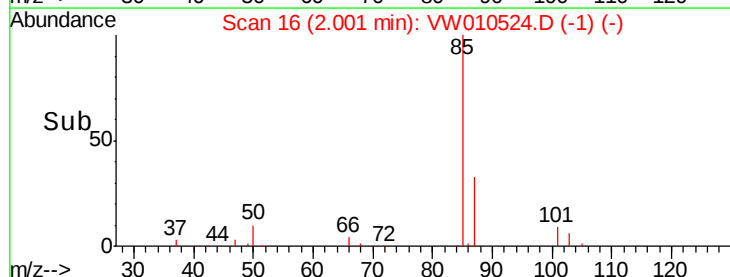
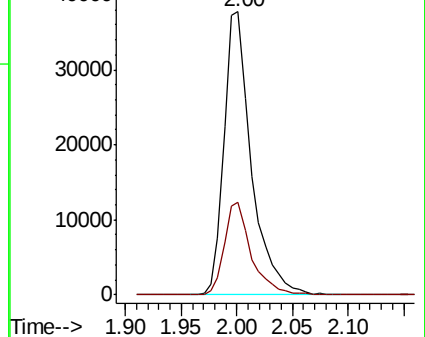
85 100

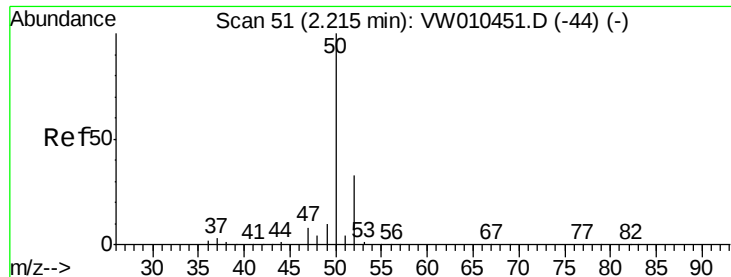
87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.558 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

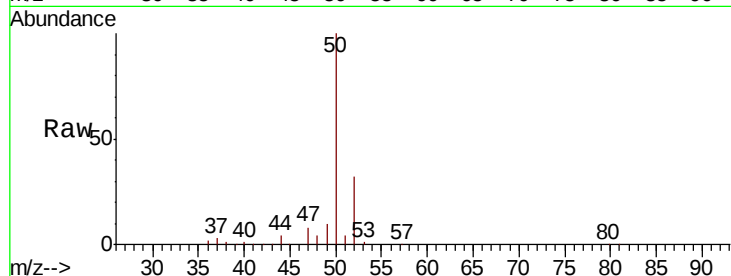
VSTDCCC050

Tot Ion: 50 Resp: 74004

Ion Ratio Lower Upper

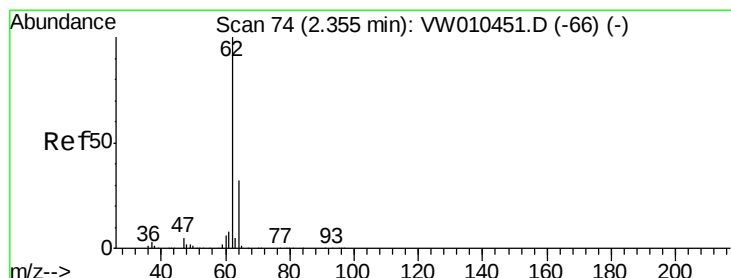
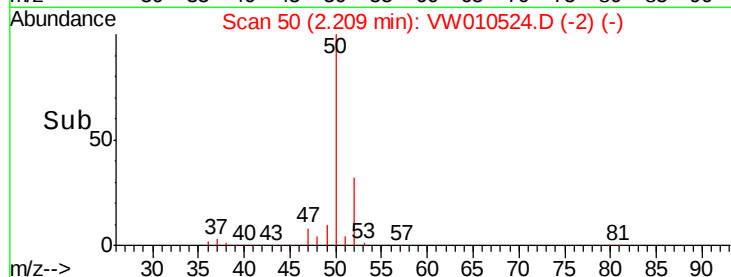
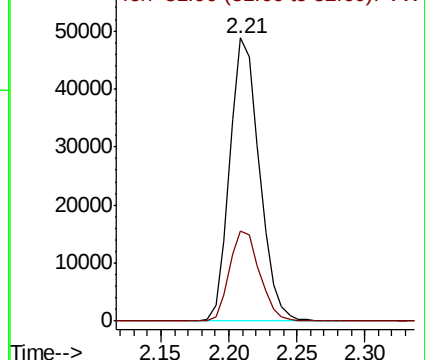
50 100

52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 47.304 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010524.D

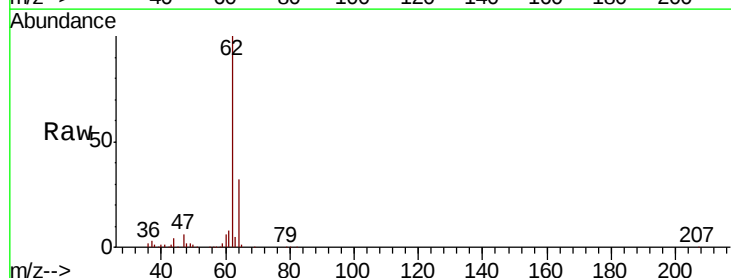
Acq: 23 May 2019 12:22

Tgt Ion: 62 Resp: 78648

Ion Ratio Lower Upper

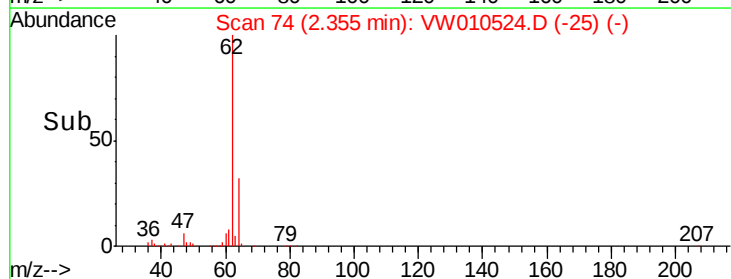
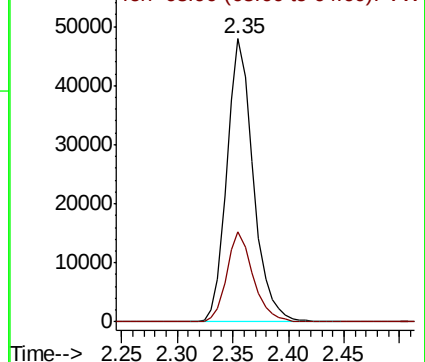
62 100

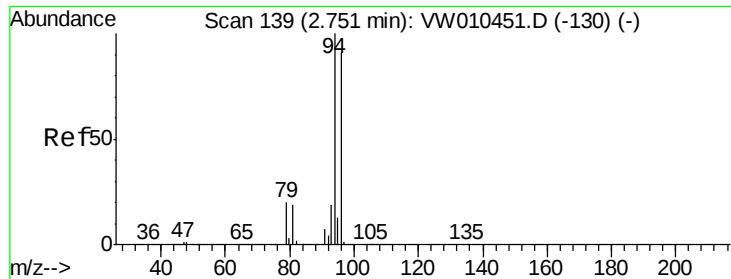
64 32.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.428 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

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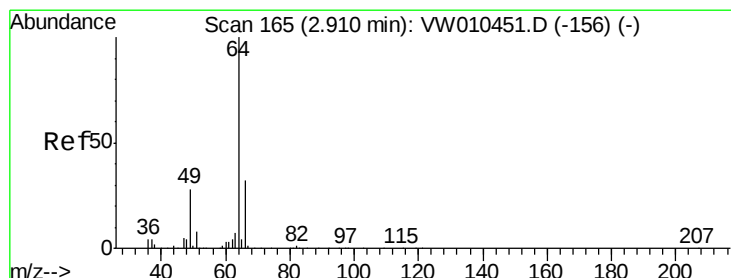
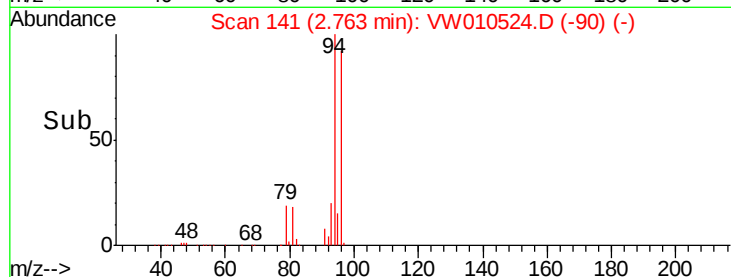
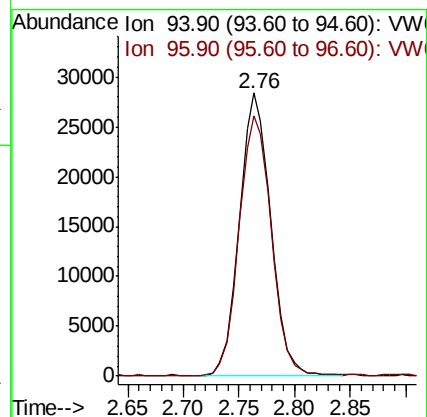
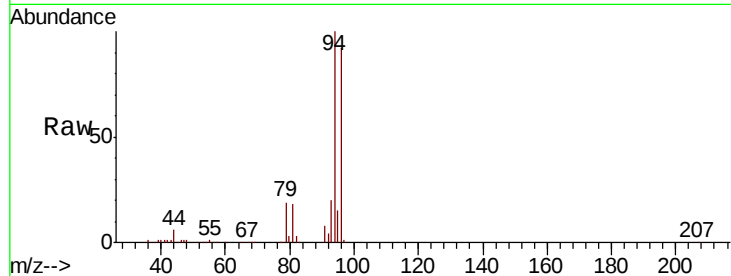
VSTDCCC050

Tot Ion: 94 Resp: 55392

Ion Ratio Lower Upper

94 100

96 91.6 72.9 109.3



#6

Chloroethane

Concen: 49.932 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010524.D

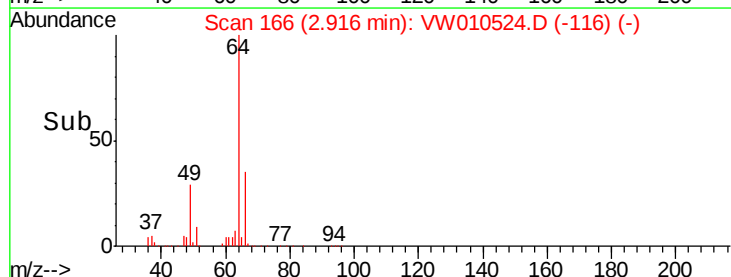
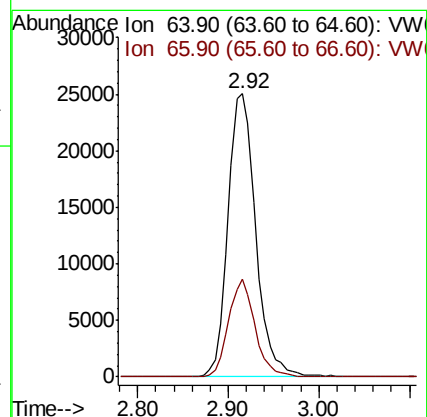
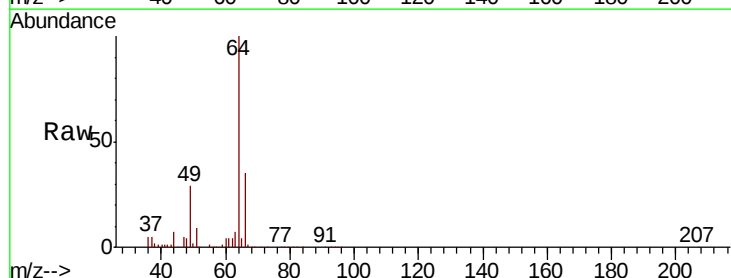
Acq: 23 May 2019 12:22

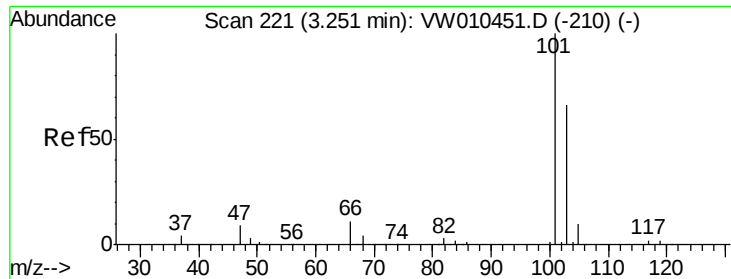
Tgt Ion: 64 Resp: 53292

Ion Ratio Lower Upper

64 100

66 34.5 25.5 38.3



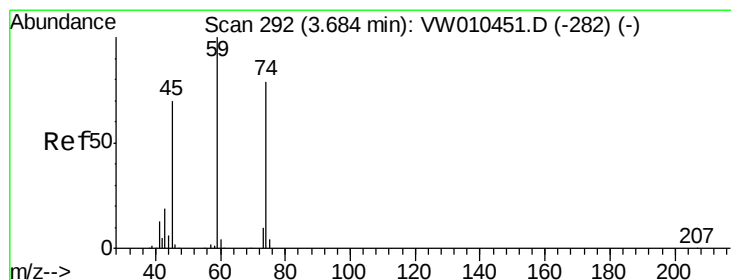
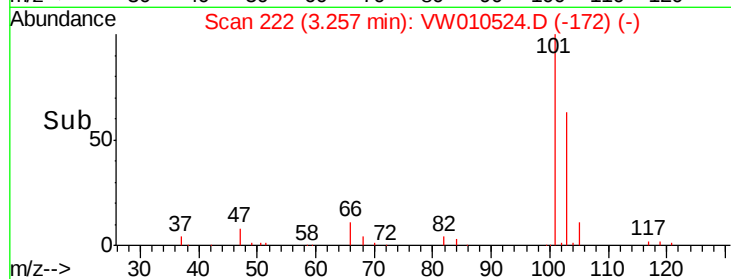
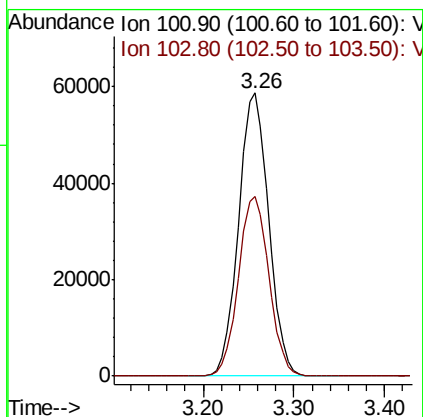
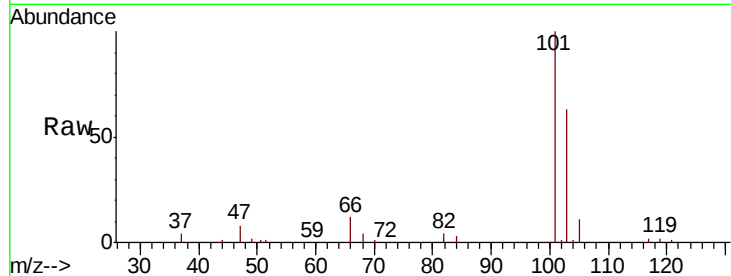


#7

Trichlorofluoromethane
 Concen: 54.973 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW010524.D
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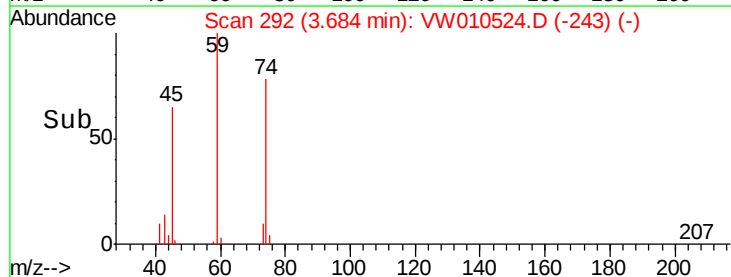
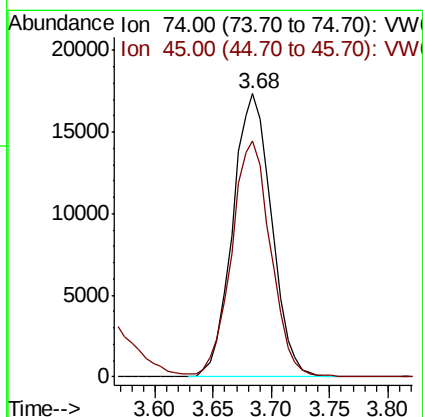
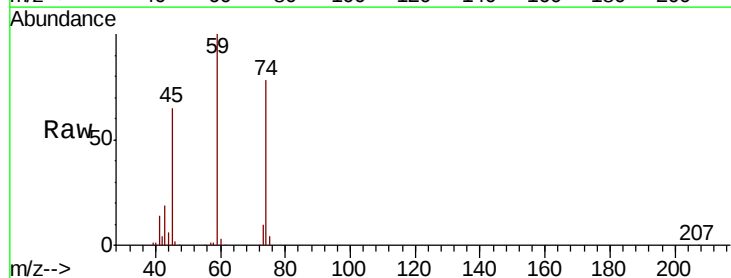
Tot Ion:101 Resp: 134938
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.0 79.4

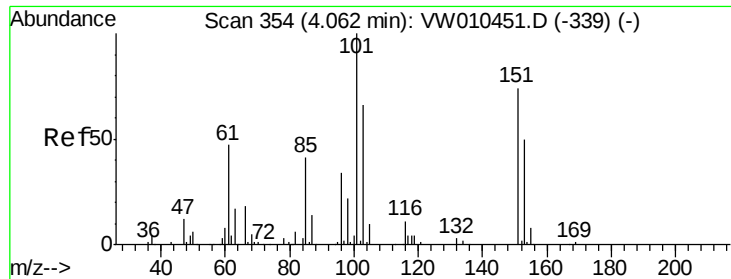


#8

Diethyl Ether
 Concen: 51.894 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion: 74 Resp: 40379
 Ion Ratio Lower Upper
 74 100
 45 84.0 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.213 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010524.D

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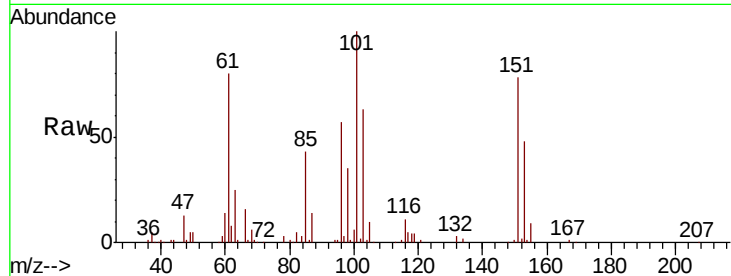
Tot Ion:101 Resp: 83464

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

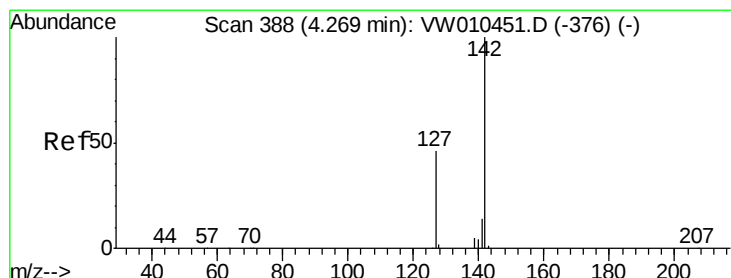
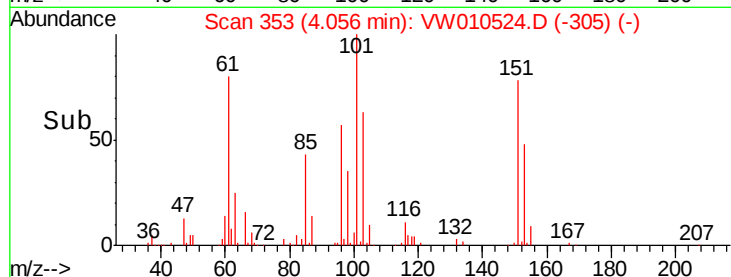
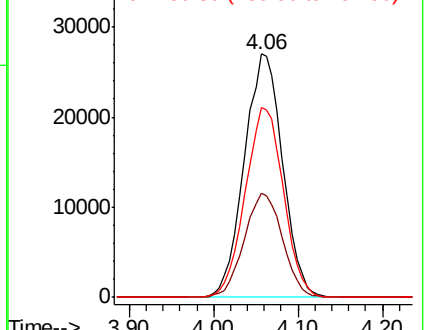
151 77.5 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 59.249 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

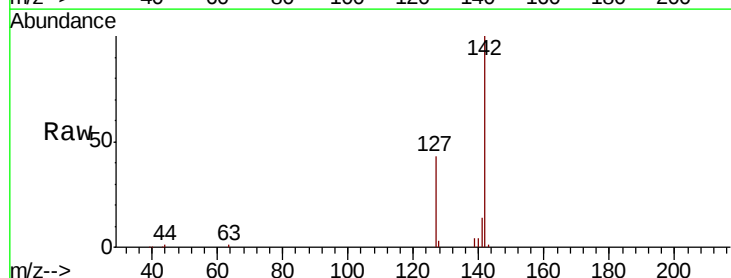
Tgt Ion:142 Resp: 102372

Ion Ratio Lower Upper

142 100

127 43.0 36.1 54.1

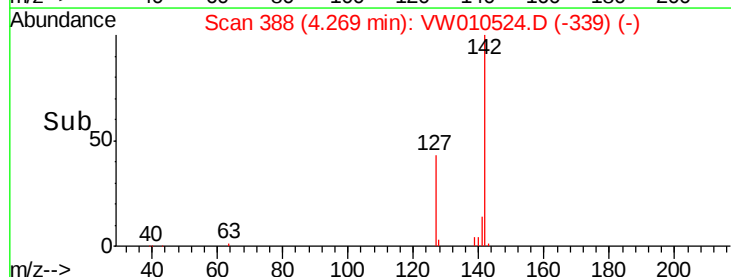
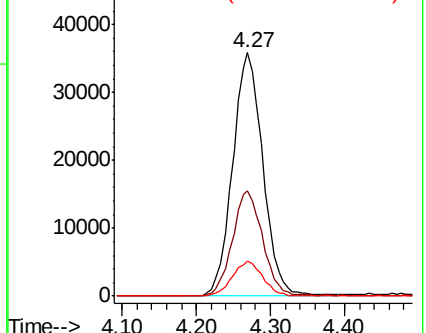
141 14.3 11.3 16.9

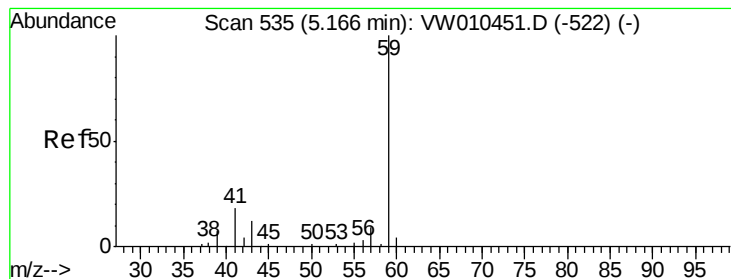


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



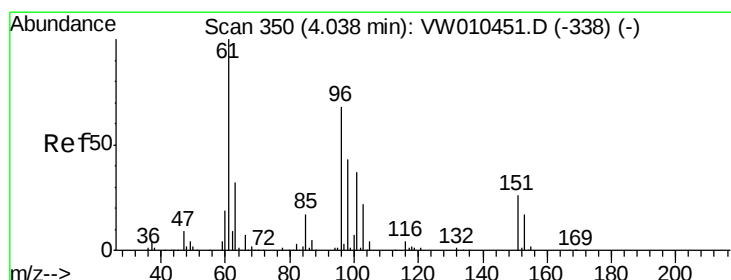
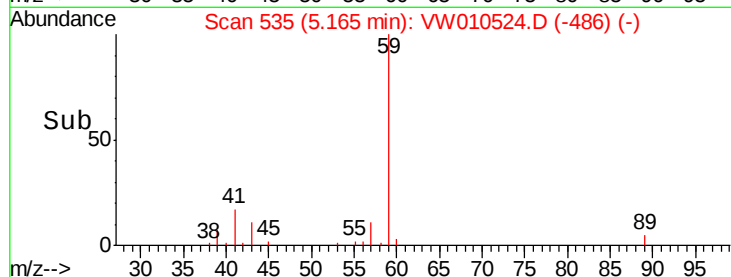
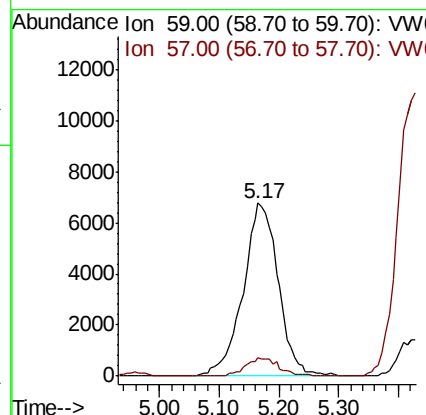
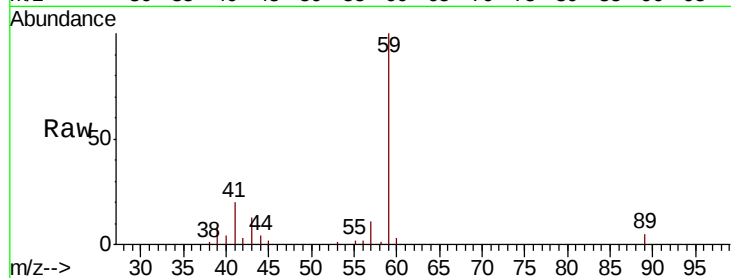


#11

Tert butyl alcohol
Concen: 219.283 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

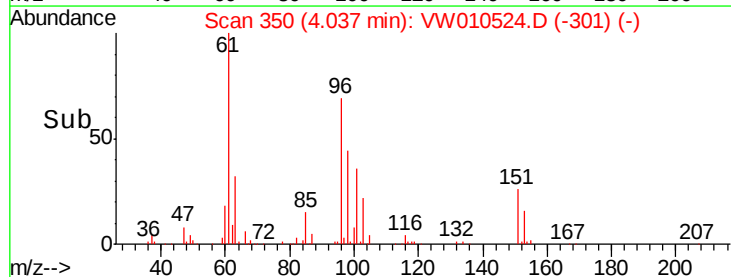
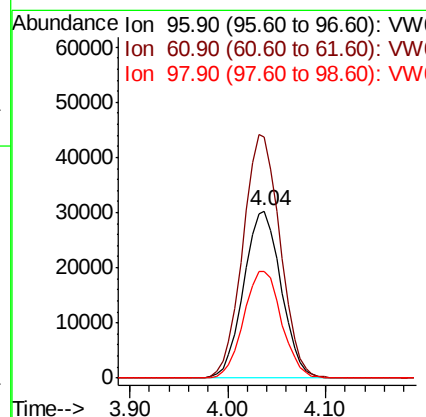
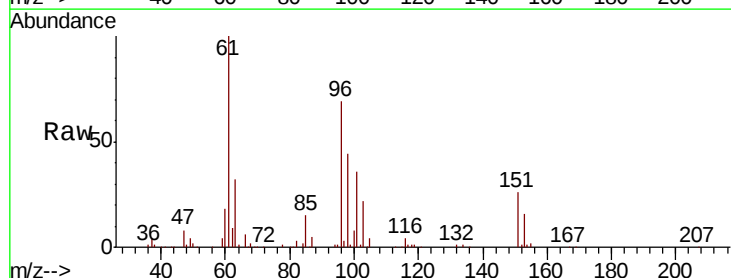
Tot Ion: 59 Resp: 27813
Ion Ratio Lower Upper
59 100
57 9.8 8.8 13.2

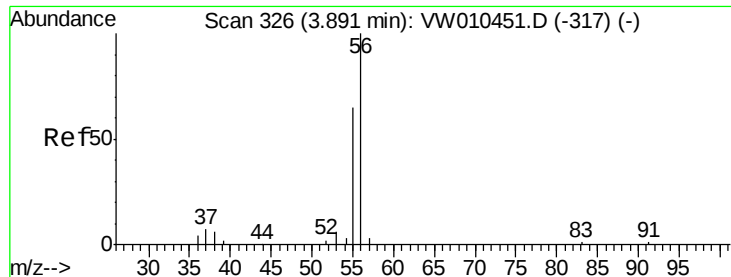


#12

1,1-Dichloroethene
Concen: 55.706 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 96 Resp: 80384
Ion Ratio Lower Upper
96 100
61 144.2 118.3 177.5
98 64.1 51.0 76.6

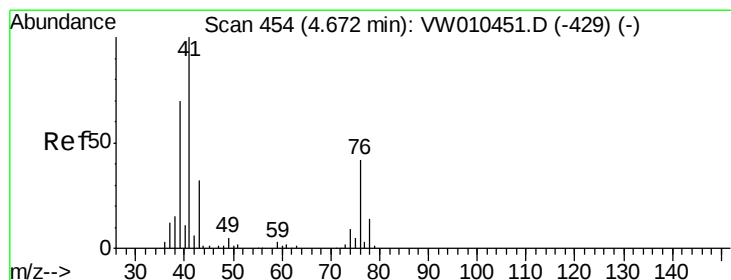
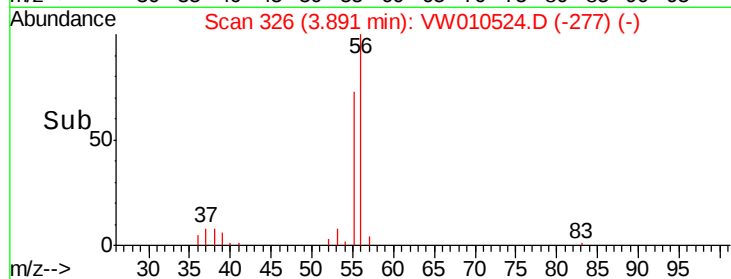
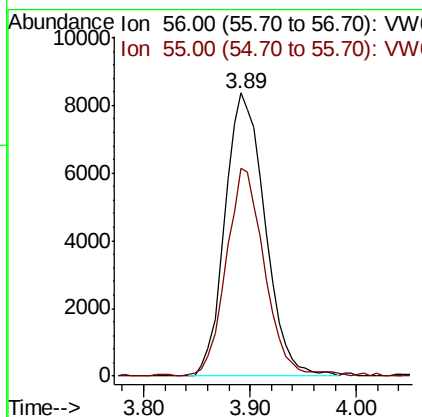
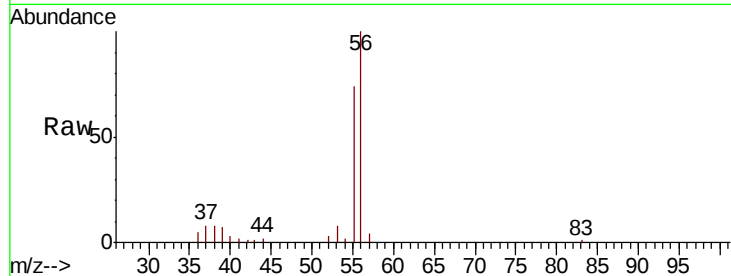




#13
 Acrolein
 Concen: 302.583 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

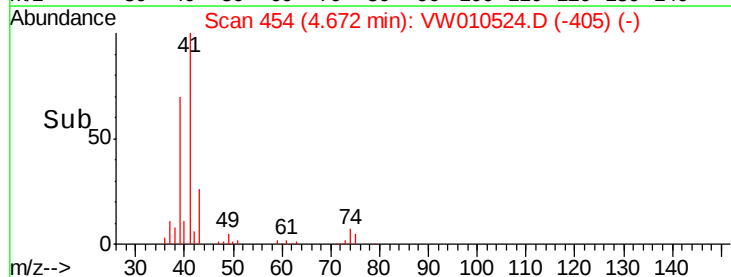
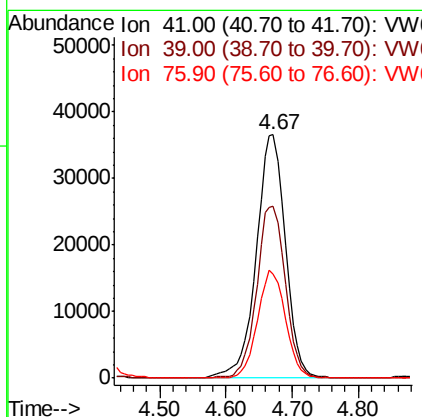
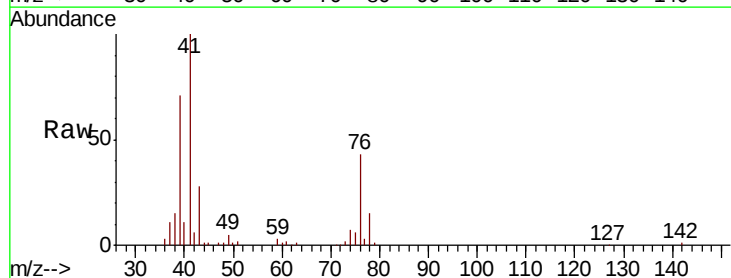
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

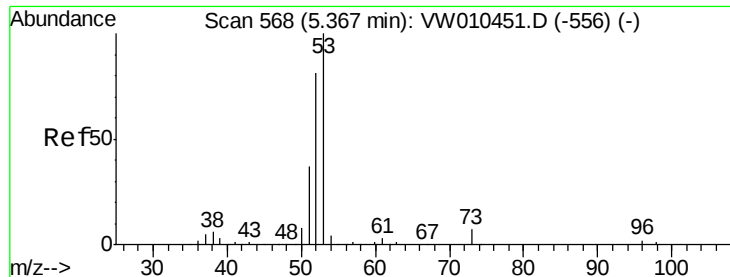
Tot Ion: 56 Resp: 22016
 Ion Ratio Lower Upper
 56 100
 55 69.7 57.9 86.9



#14
 Allyl chloride
 Concen: 53.498 ug/l
 RT: 4.67 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion: 41 Resp: 111743
 Ion Ratio Lower Upper
 41 100
 39 70.0 55.0 82.4
 76 42.4 32.8 49.2





#15

Acrylonitrile

Concen: 225.962 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

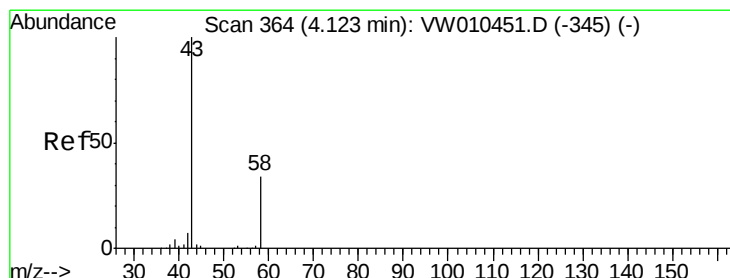
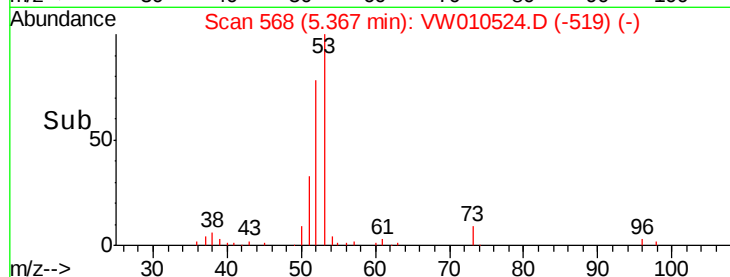
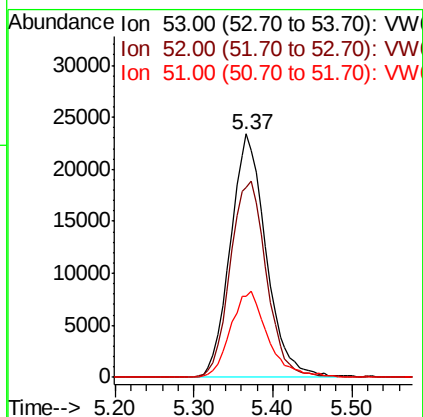
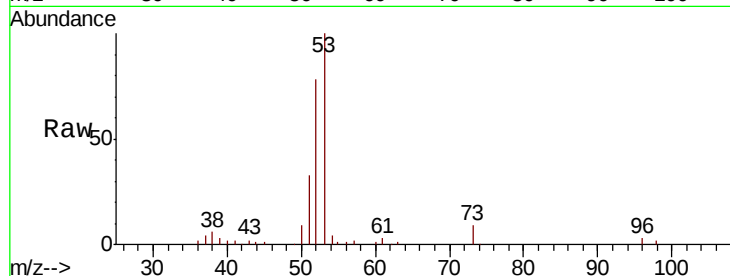
Tot Ion: 53 Resp: 73634

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

51 36.9 29.5 44.3



#16

Acetone

Concen: 269.225 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010524.D

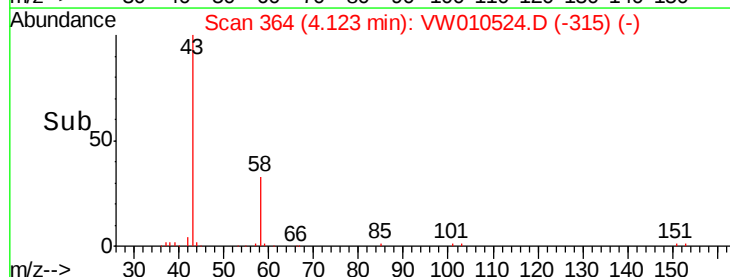
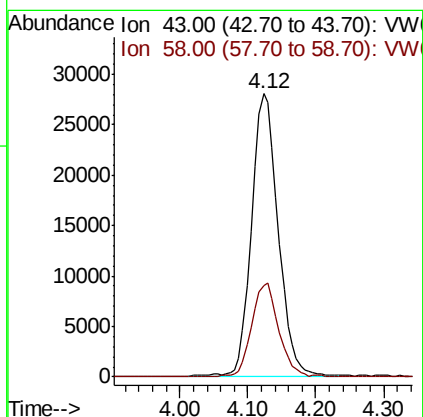
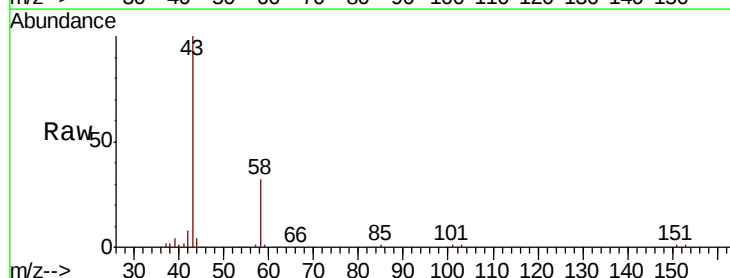
Acq: 23 May 2019 12:22

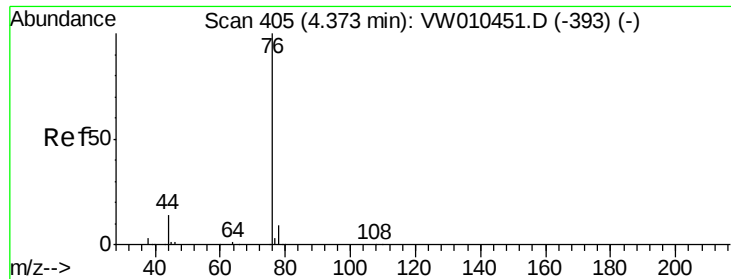
Tgt Ion: 43 Resp: 77491

Ion Ratio Lower Upper

43 100

58 32.5 27.0 40.4





#17

Carbon Disulfide

Concen: 54.288 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

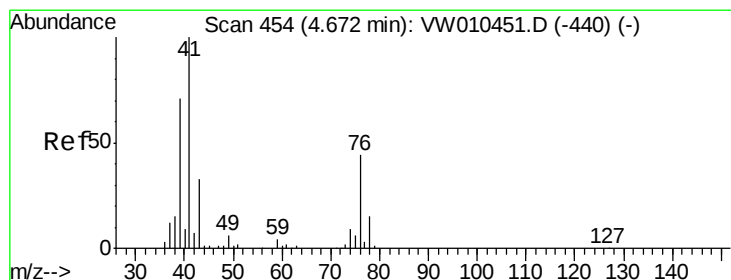
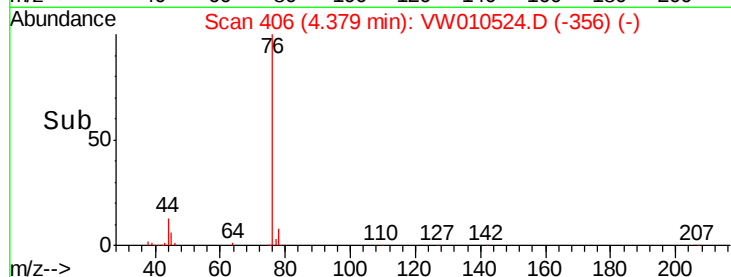
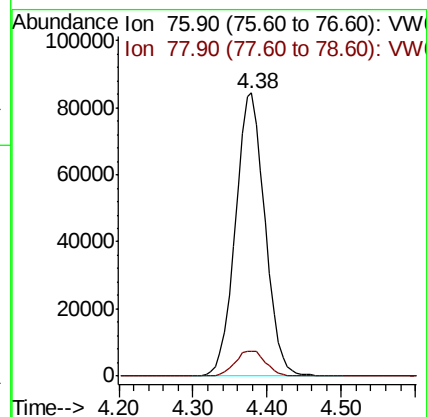
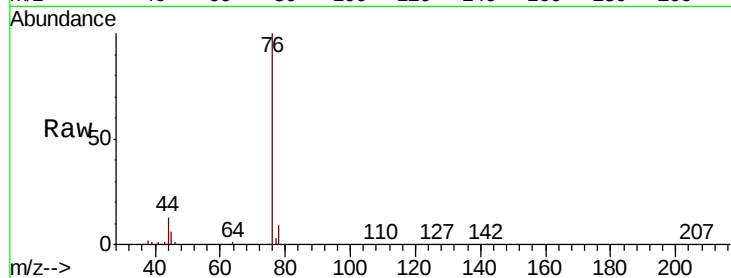
VSTDCCC050

Tot Ion: 76 Resp: 233659

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 43.590 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010524.D

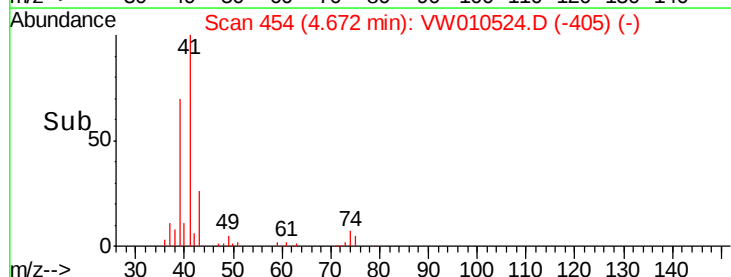
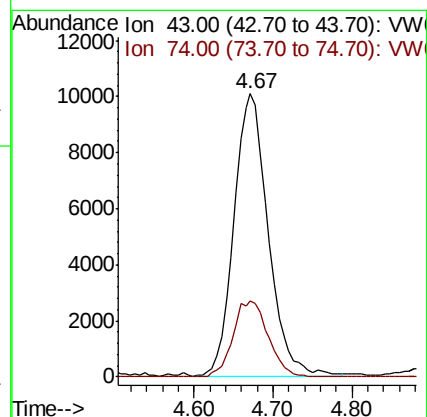
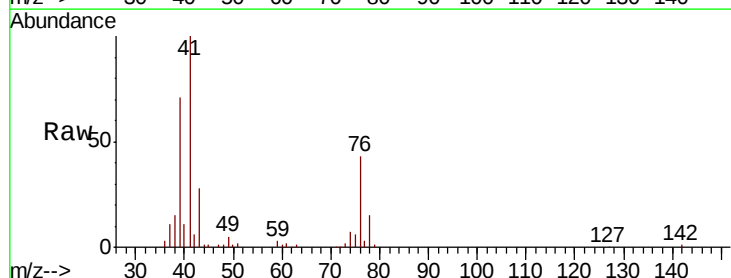
Acq: 23 May 2019 12:22

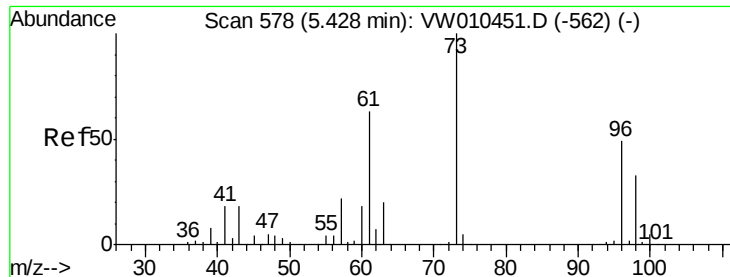
Tgt Ion: 43 Resp: 30685

Ion Ratio Lower Upper

43 100

74 27.2 21.6 32.4

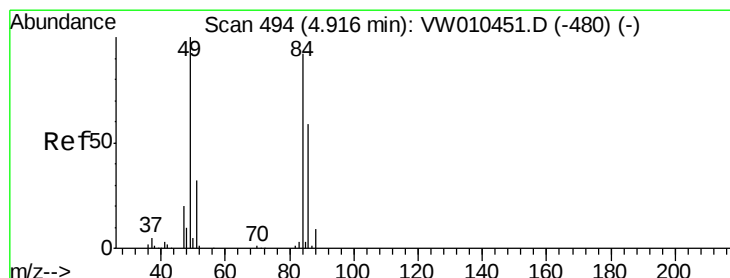
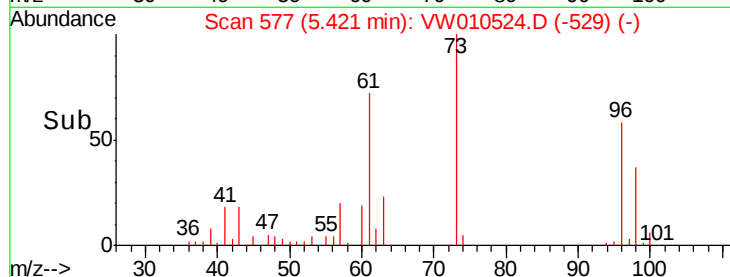
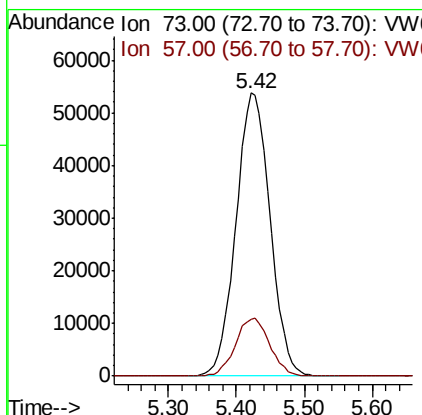
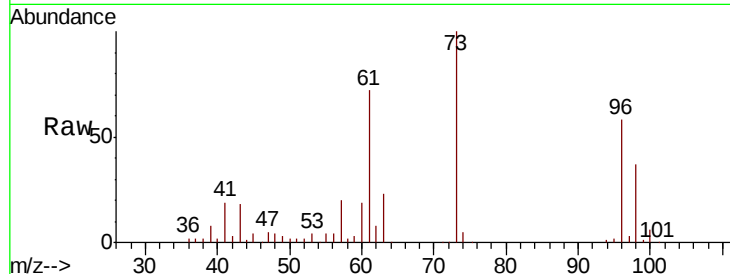




#19
Methyl tert-butyl Ether
Concen: 50.879 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

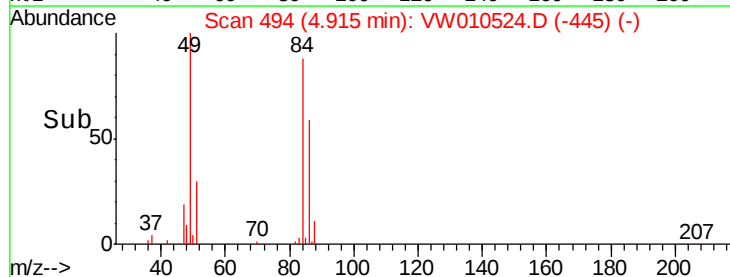
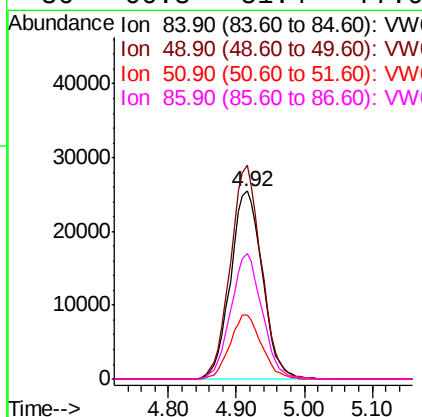
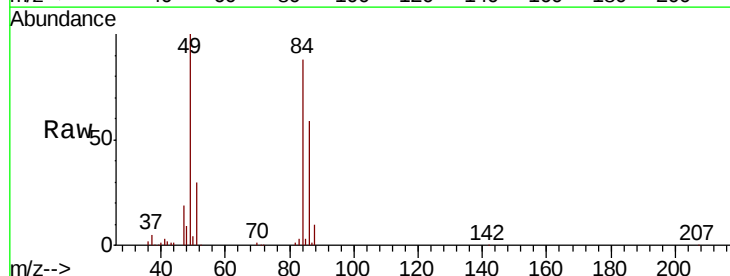
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

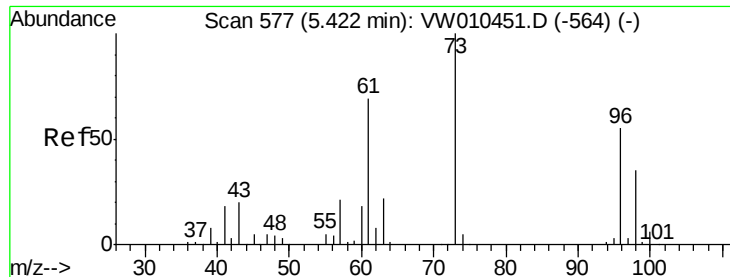
Tot Ion: 73 Resp: 187168
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0



#20
Methylene Chloride
Concen: 48.883 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 84 Resp: 82747
Ion Ratio Lower Upper
84 100
49 113.8 87.2 130.8
51 33.8 27.7 41.5
86 66.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 56.524 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

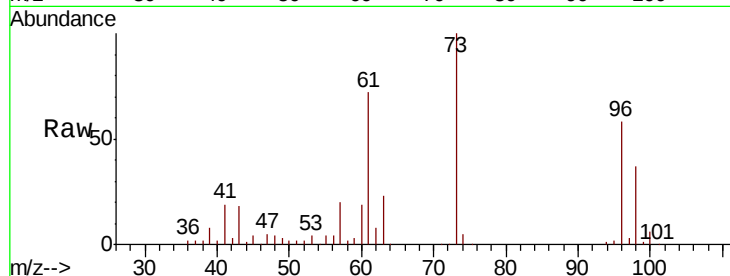
Tot Ion: 96 Resp: 93557

Ion Ratio Lower Upper

96 100

61 124.1 101.4 152.0

98 64.1 50.6 76.0

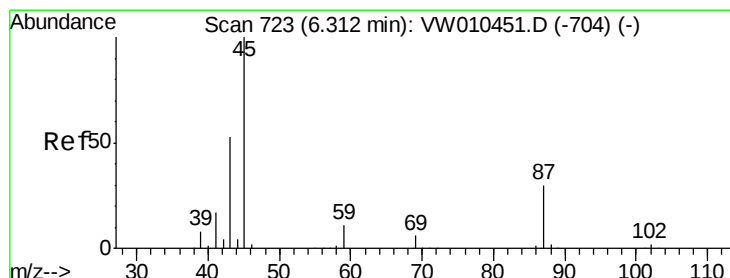
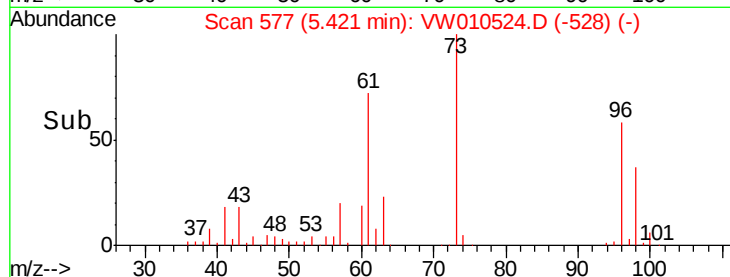
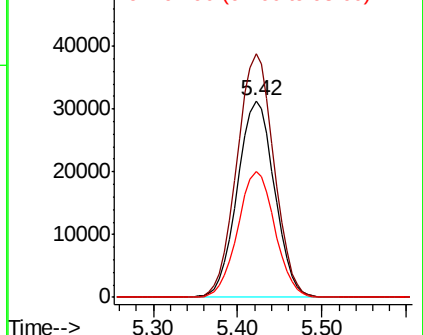


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.892 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Tgt Ion: 45 Resp: 226530

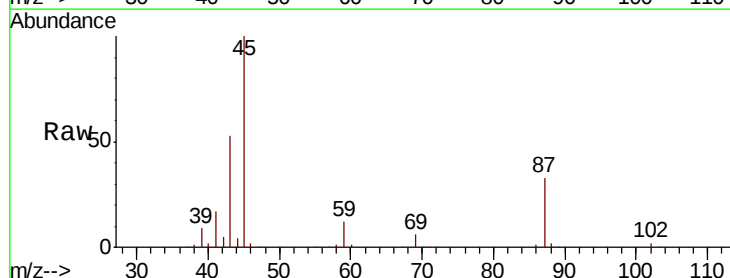
Ion Ratio Lower Upper

45 100

43 52.7 42.9 64.3

87 33.5 24.6 36.8

59 12.1 9.4 14.0



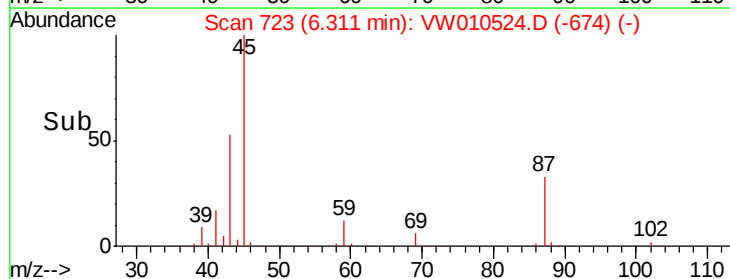
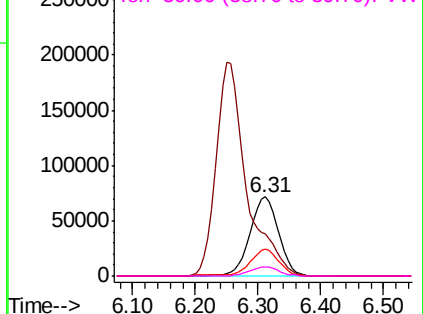
Abundance

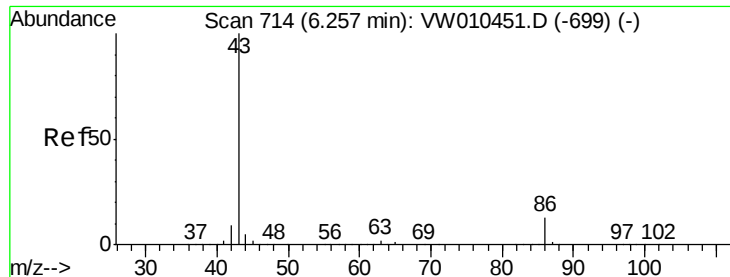
Ion 45.00 (44.70 to 45.70): VW

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: 252.841 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

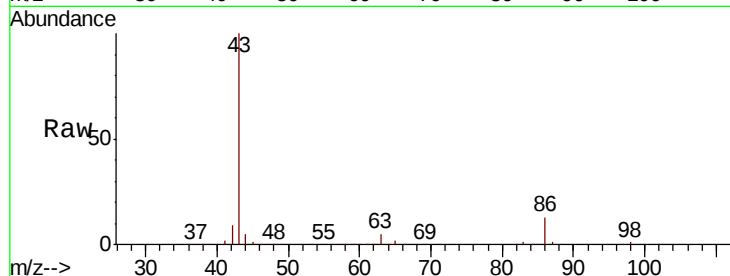
VSTDCCC050

Tot Ion: 43 Resp: 646857

Ion Ratio Lower Upper

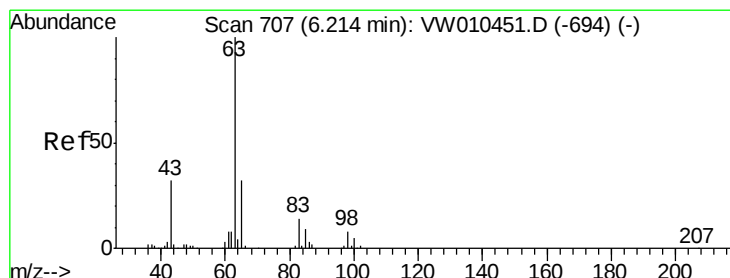
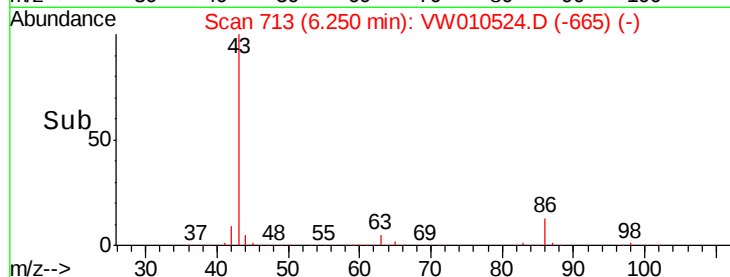
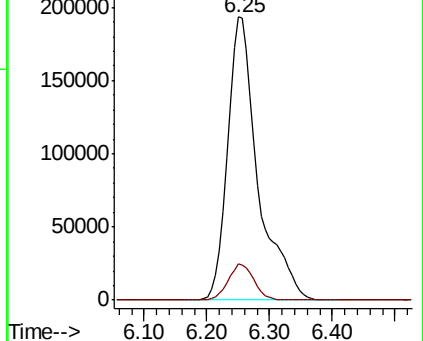
43 100

86 12.6 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.786 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

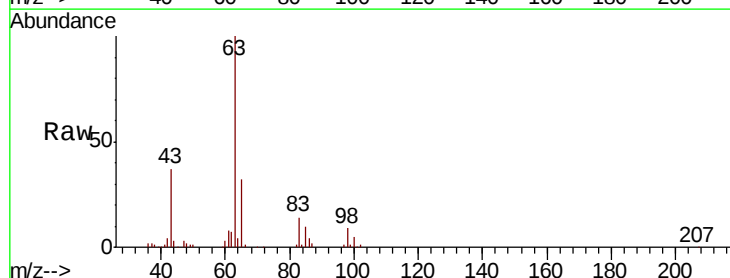
Tgt Ion: 63 Resp: 142580

Ion Ratio Lower Upper

63 100

98 8.8 3.8 11.2

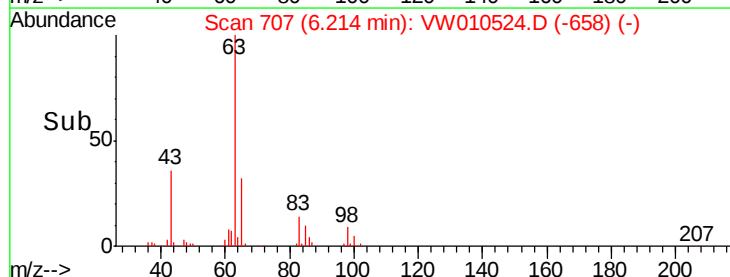
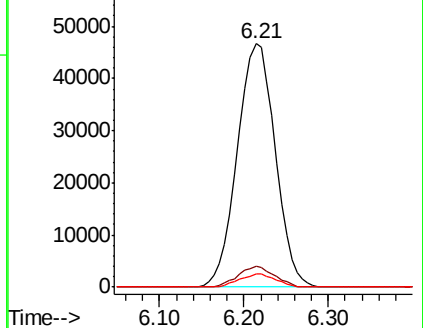
100 5.2 2.5 7.4

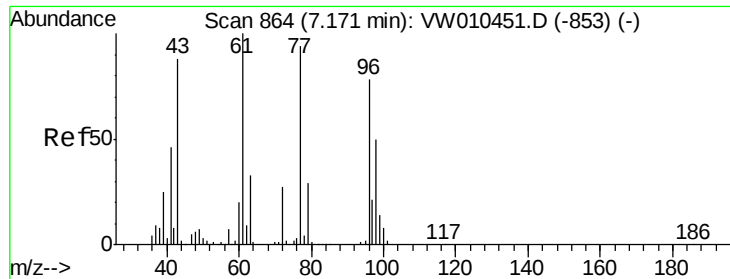


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 241.947 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

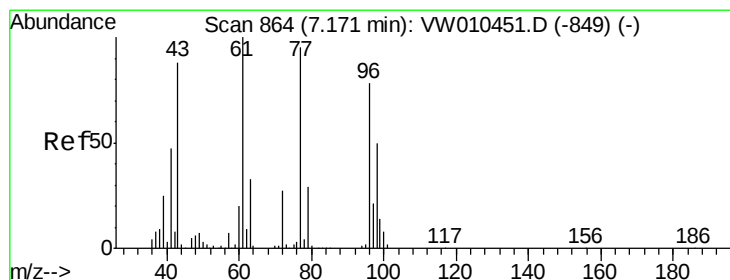
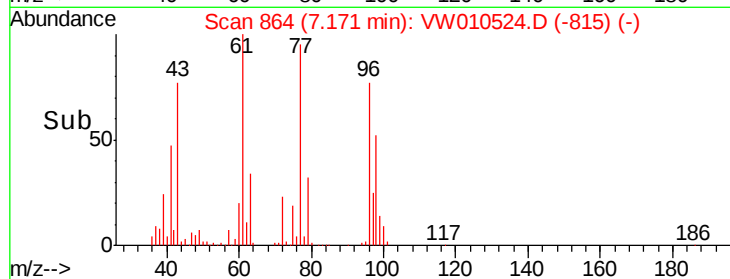
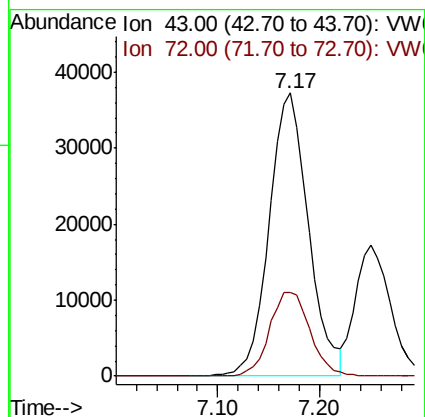
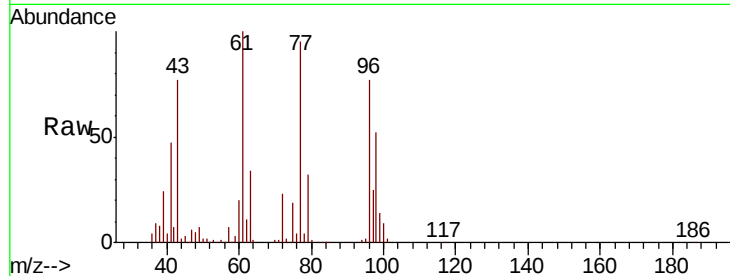
VSTDCCC050

Tot Ion: 43 Resp: 99661

Ion Ratio Lower Upper

43 100

72 29.7 24.1 36.1



#26

2,2-Dichloropropane

Concen: 58.938 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010524.D

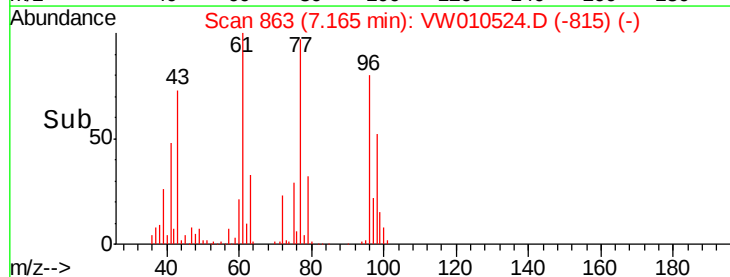
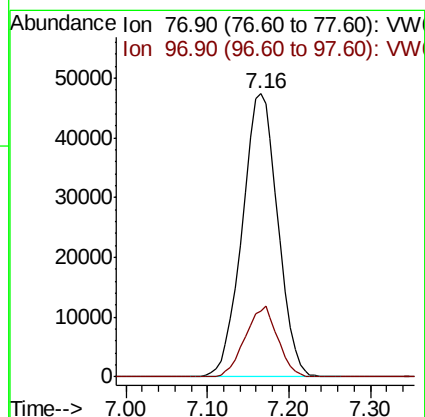
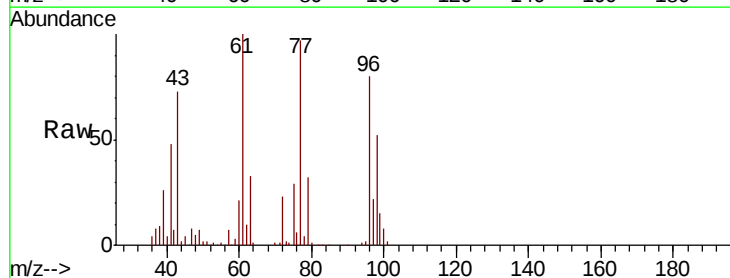
Acq: 23 May 2019 12:22

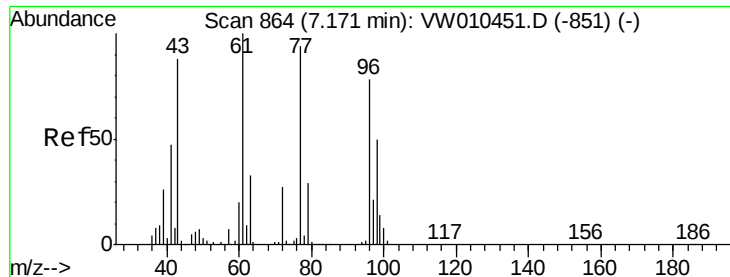
Tgt Ion: 77 Resp: 143489

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



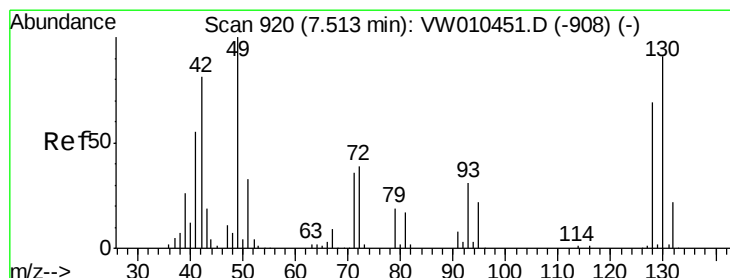
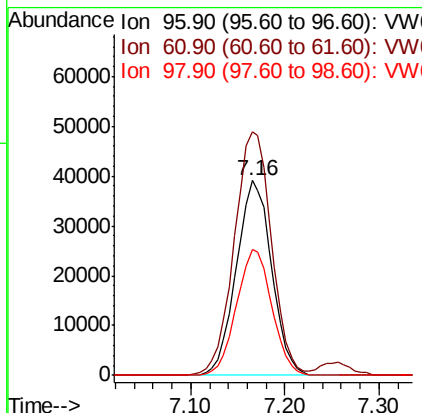
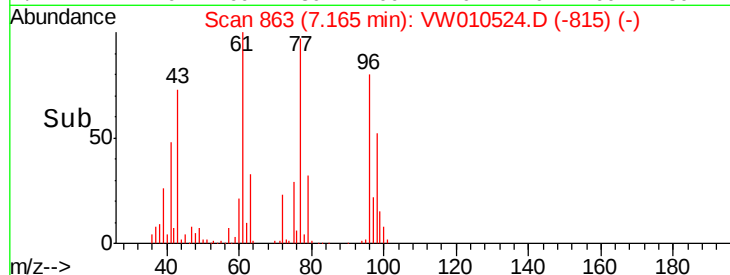
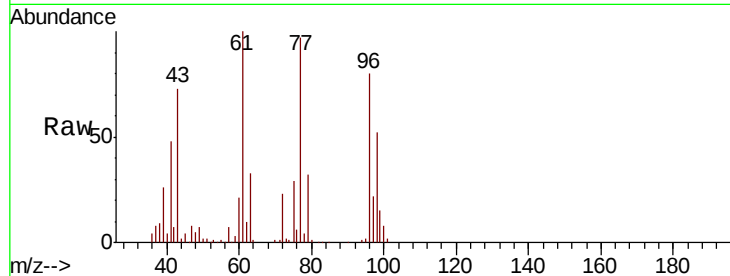


#27

cis-1,2-Dichloroethene
Concen: 57.043 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

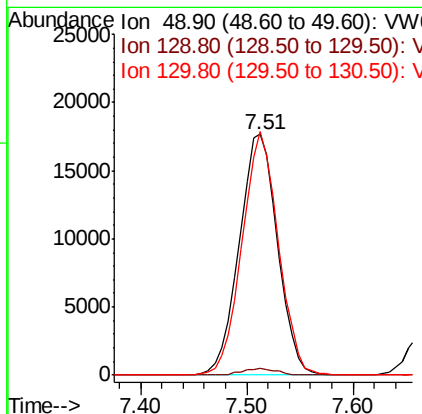
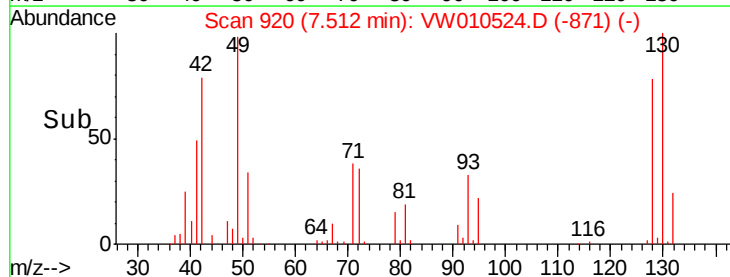
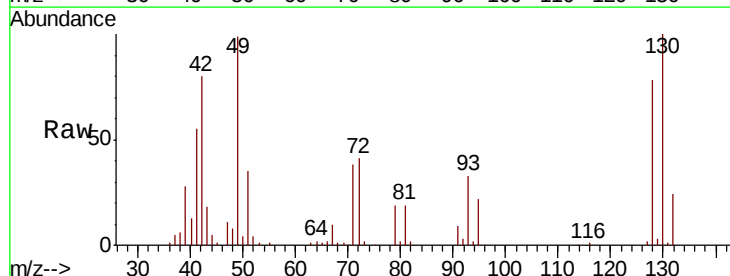
Tot Ion	96	Resp	102646
Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	265.4
98	64.7	0.0	129.4

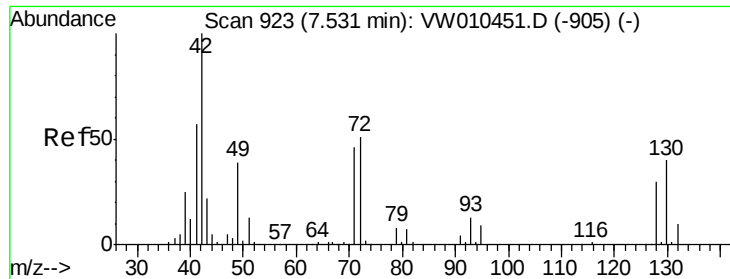


#28

Bromochloromethane
Concen: 48.809 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion	49	Resp	44664
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	95.6	71.2	106.8

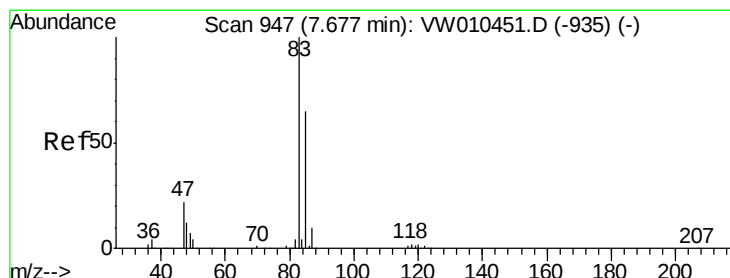
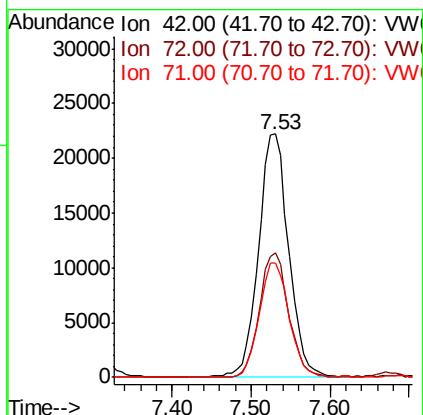
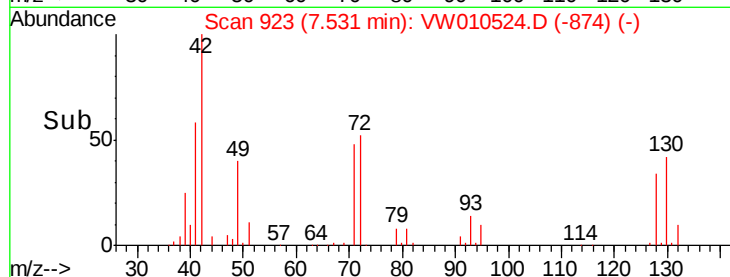
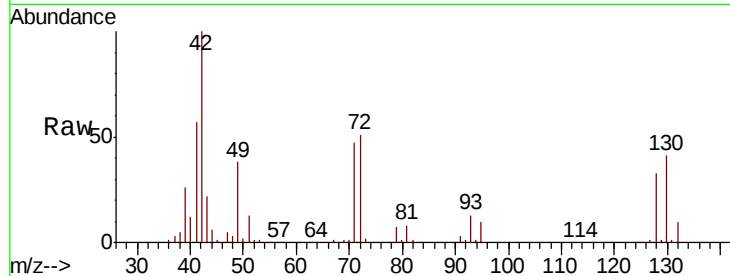




#29
Tetrahydrofuran
Concen: 211.946 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

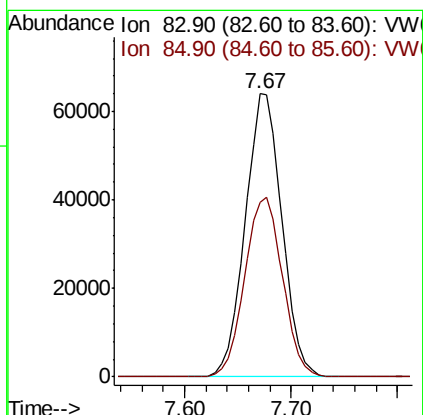
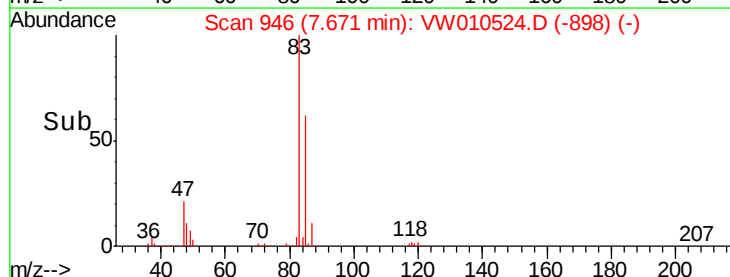
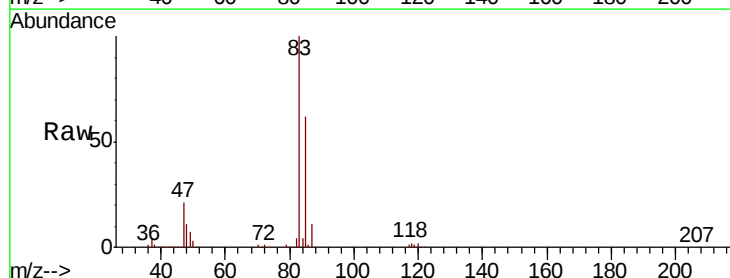
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

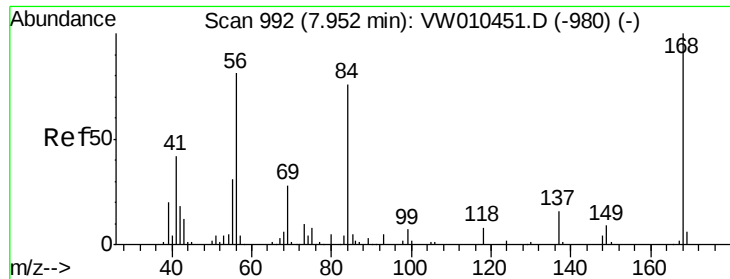
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.6	38.5	57.7
71	46.9	36.5	54.7



#30
Chloroform
Concen: 56.169 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.2	78.4

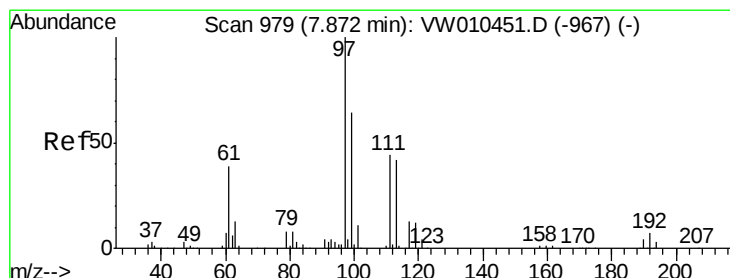
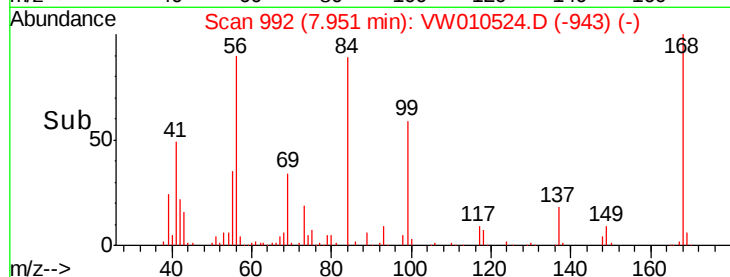
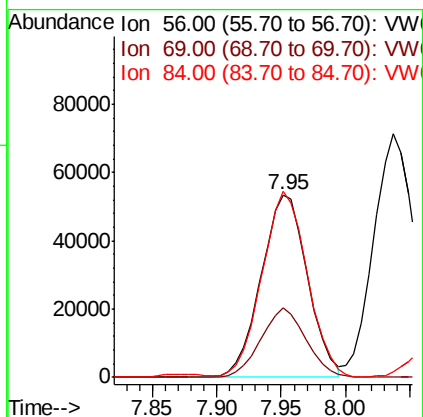
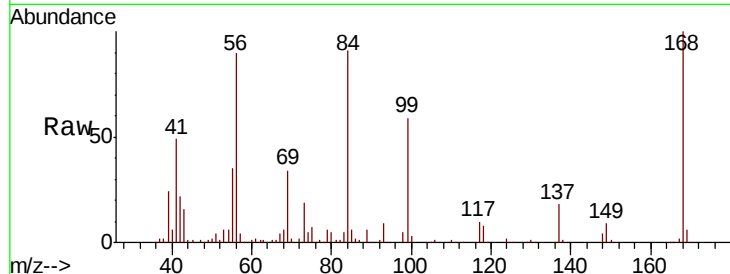




#31
Cyclohexane
Concen: 49.831 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

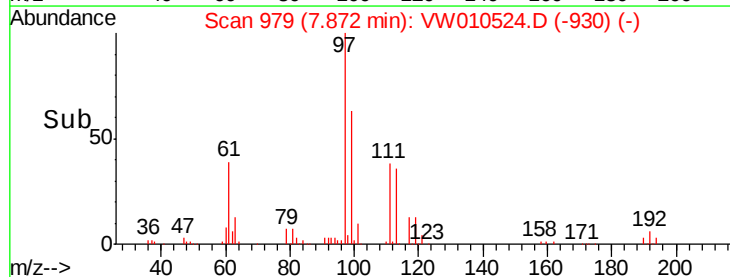
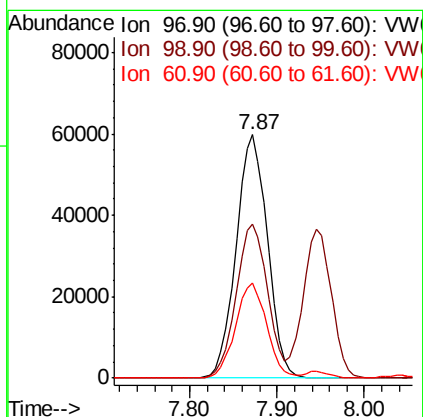
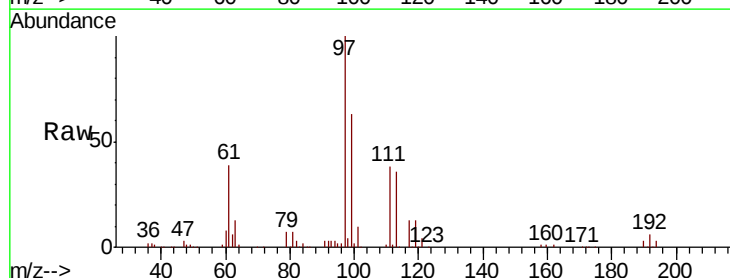
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

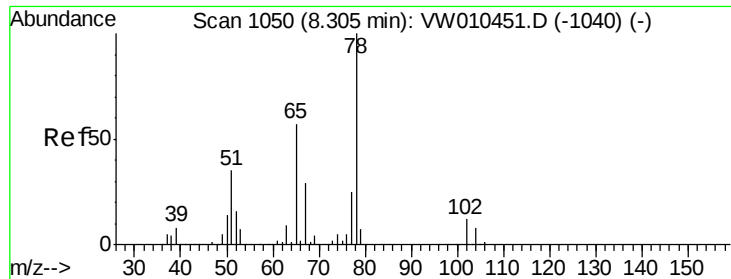
Tot Ion: 56 Resp: 133408
Ion Ratio Lower Upper
56 100
69 38.1 28.2 42.2
84 100.1 75.8 113.8



#32
1,1,1-Trichloroethane
Concen: 56.325 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 97 Resp: 148412
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 39.1 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 42.599 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

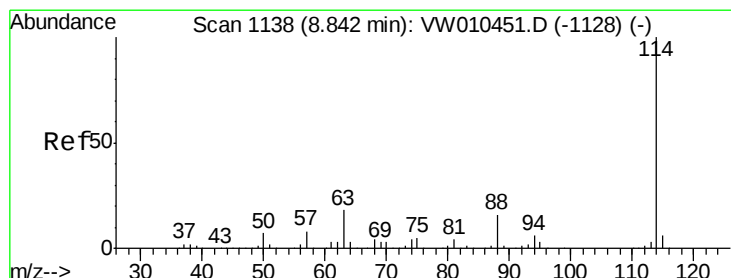
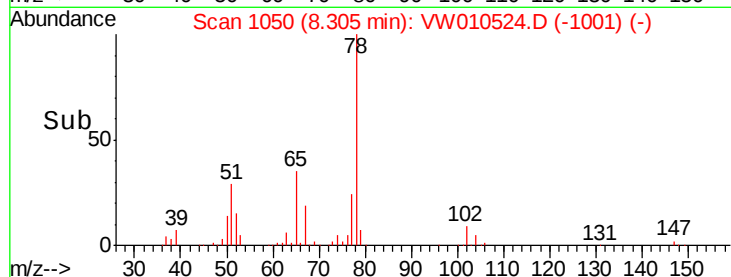
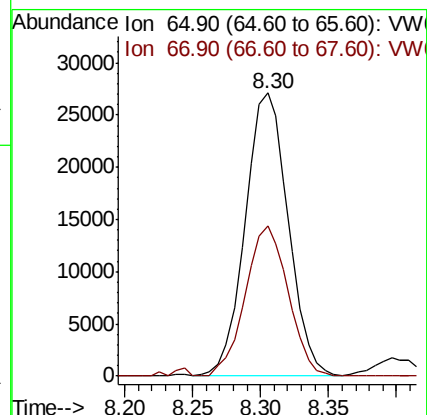
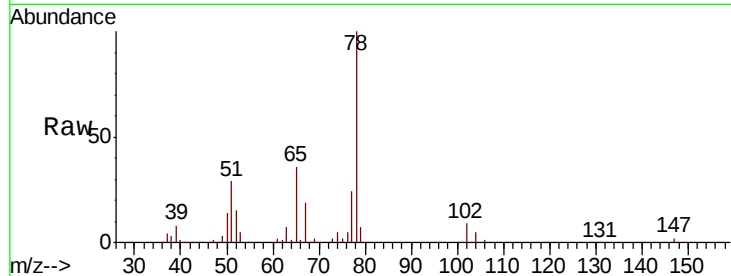
VSTDCCC050

Tot Ion: 65 Resp: 60069

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

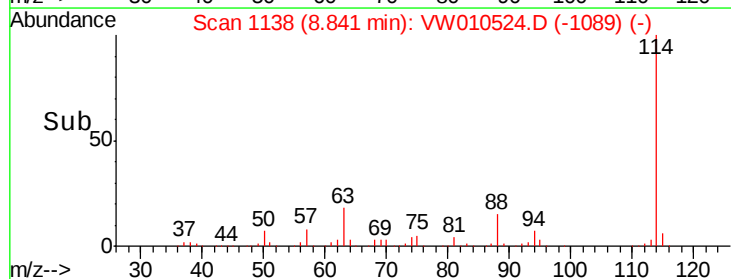
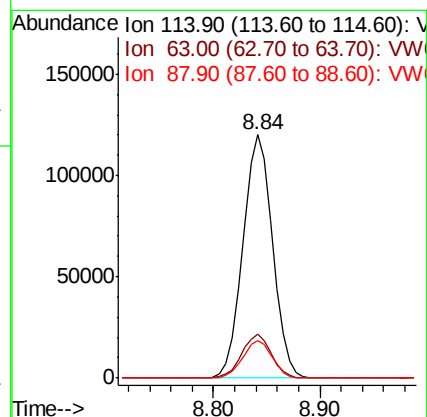
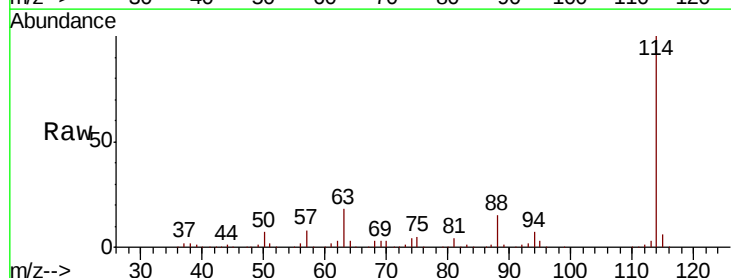
Tgt Ion: 114 Resp: 235103

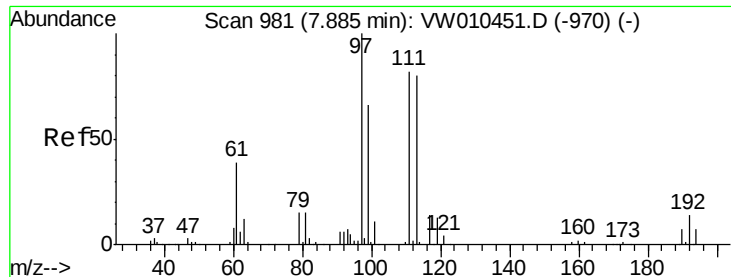
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.0

88 15.3 0.0 32.0

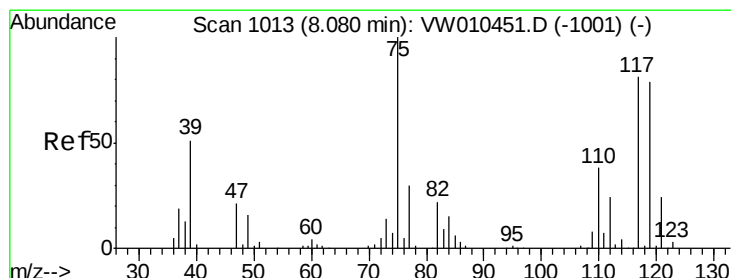
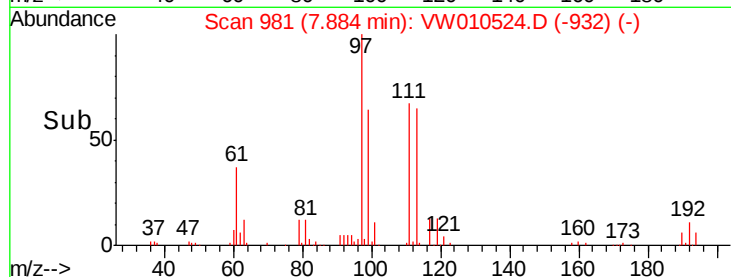
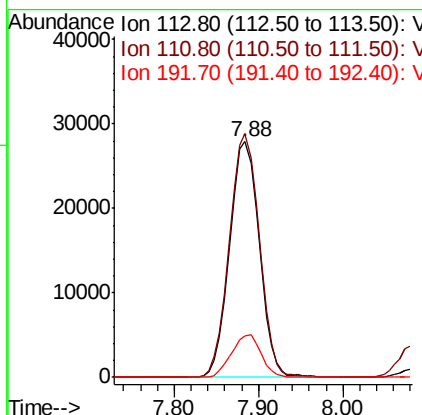
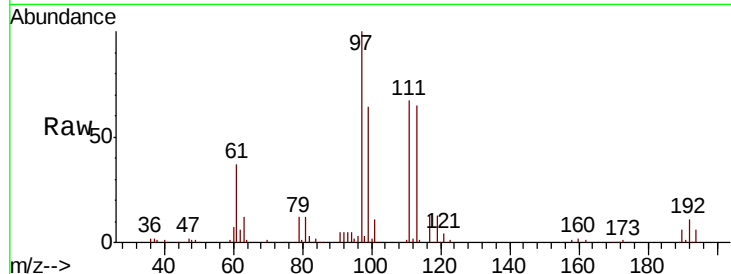




#35
 Dibromofluoromethane
 Concen: 46.639 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

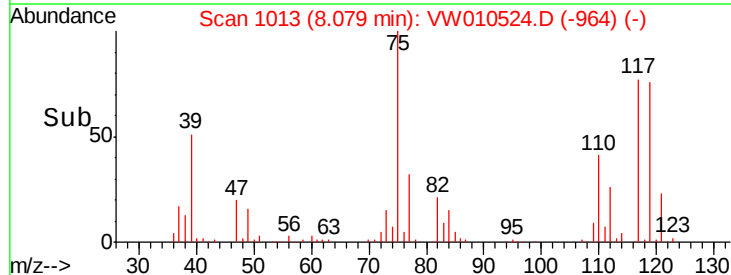
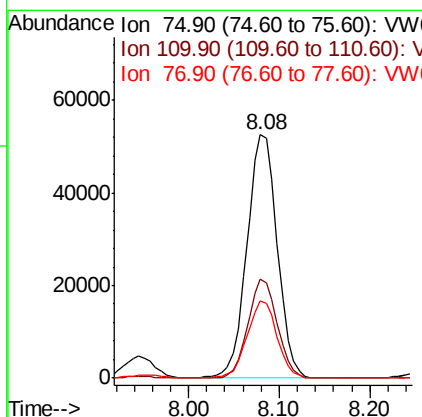
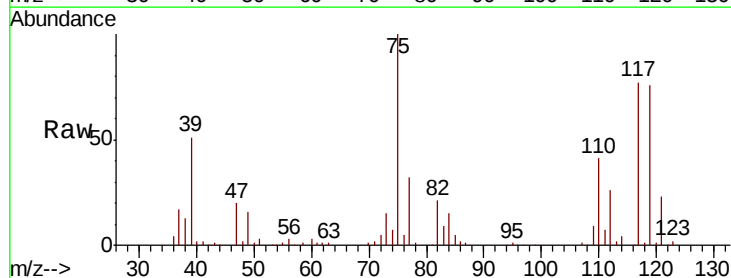
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

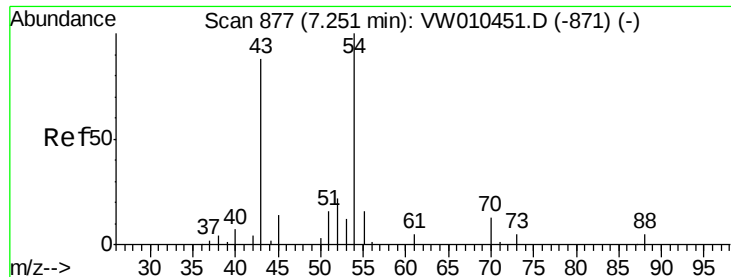
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	17.9	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 55.411 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.2	57.6
77	31.3	25.2	37.8

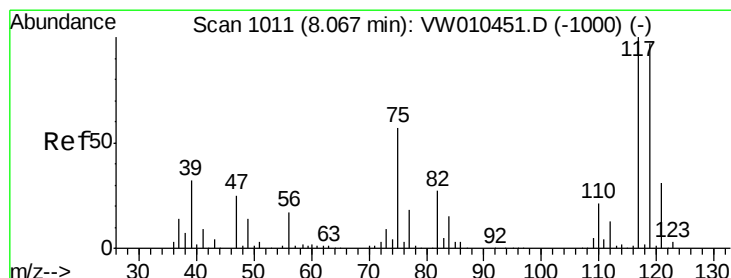
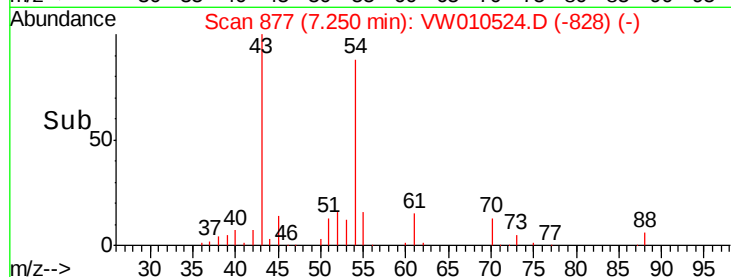
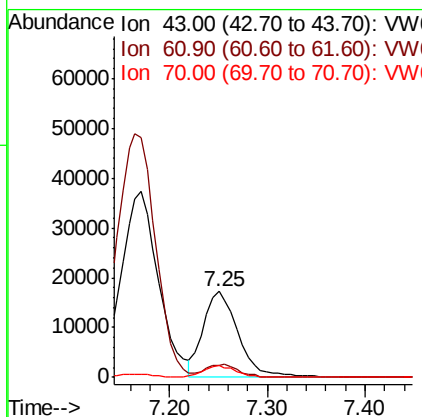
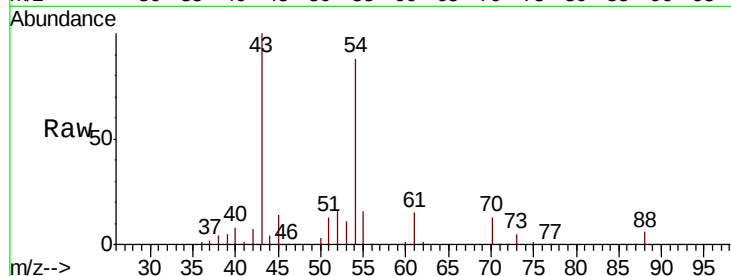




#37
Ethyl Acetate
Concen: 45.423 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

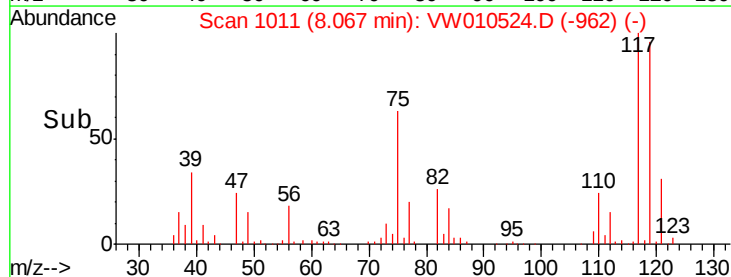
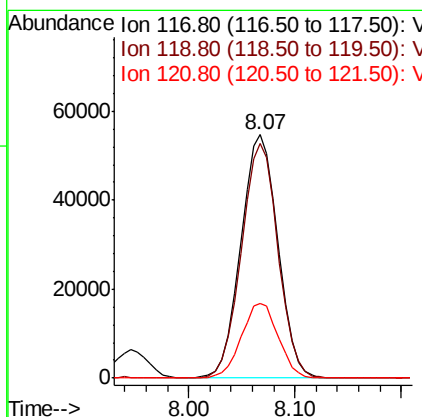
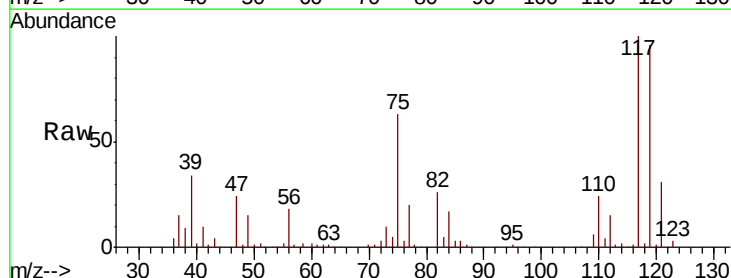
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

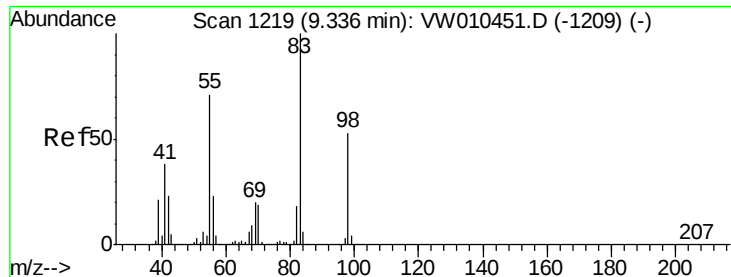
Tot Ion: 43 Resp: 42304
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 13.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 56.487 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 117 Resp: 133454
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 30.5 25.0 37.6

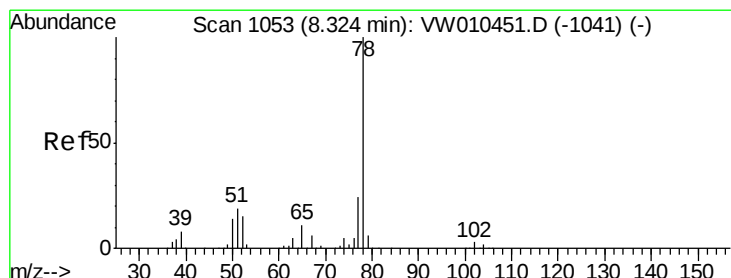
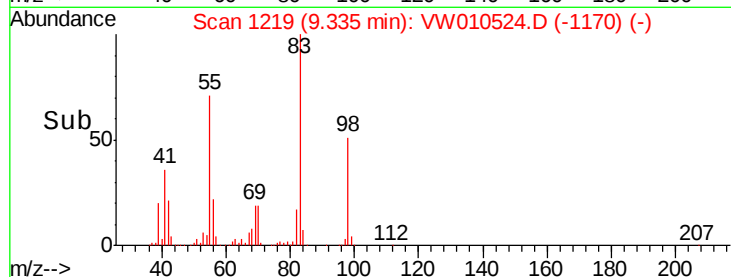
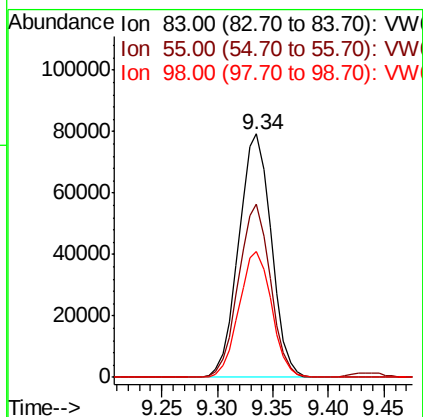
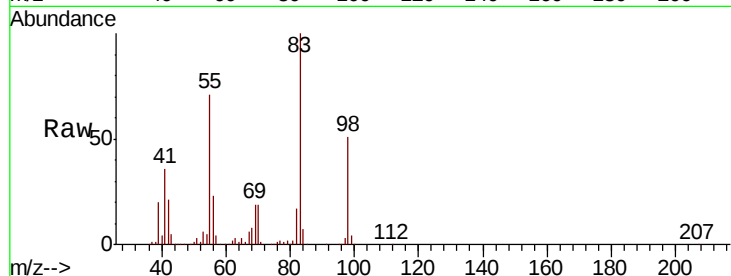




#39
Methvlcvclohexane
Concen: 54.974 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

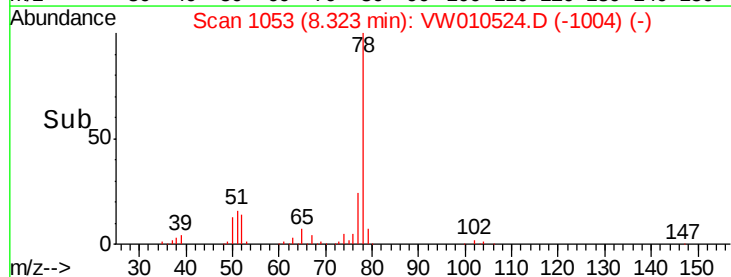
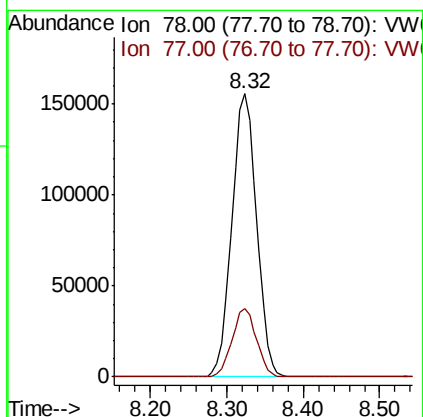
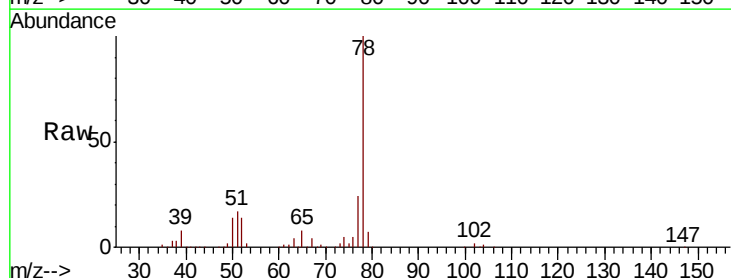
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

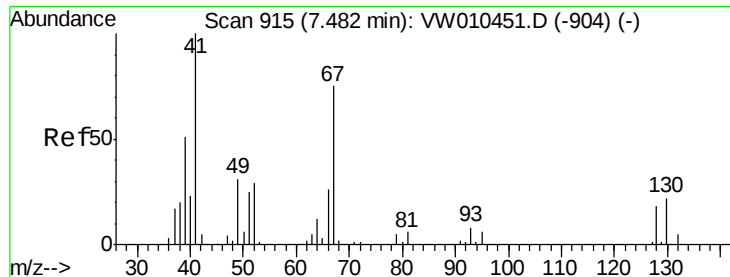
Tot Ion: 83 Resp: 161306
Ion Ratio Lower Upper
83 100
55 71.2 57.0 85.6
98 51.5 42.0 63.0



#40
Benzene
Concen: 57.027 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 78 Resp: 347139
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

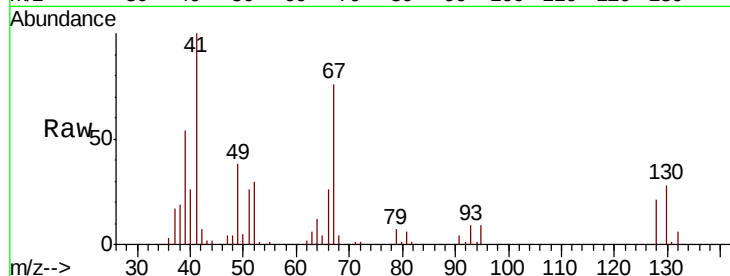




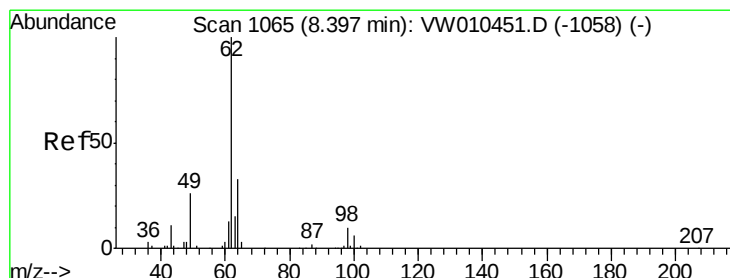
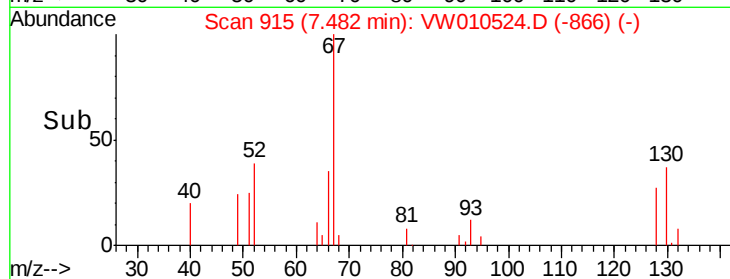
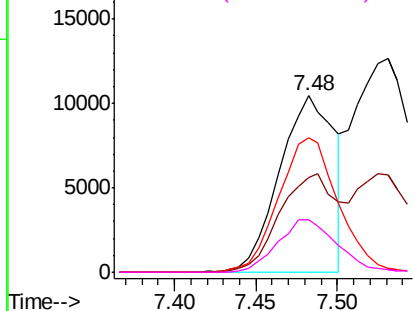
#41
Methacrylonitrile
Concen: 44.158 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	24436
Ion	Ratio	Lower	Upper
41	100		
39	61.7	47.4	71.2
67	82.8	65.5	98.3
52	32.3	25.0	37.4

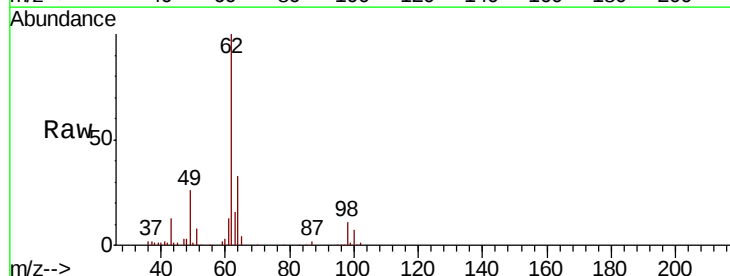


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

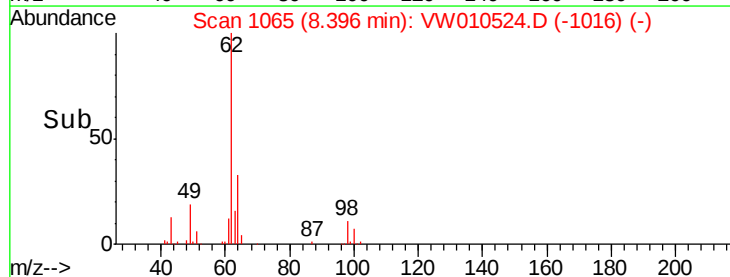
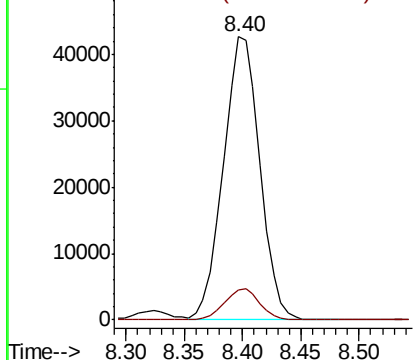


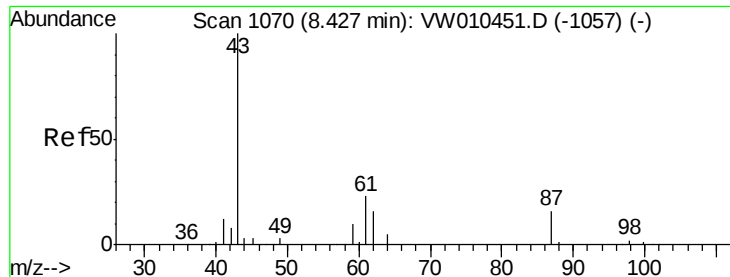
#42
1,2-Dichloroethane
Concen: 53.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion:	62	Resp:	92726
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.247 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

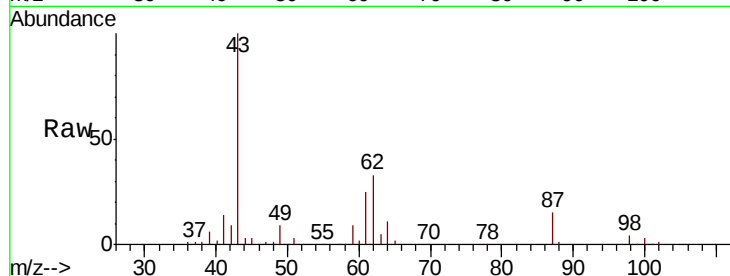
Tot Ion: 43 Resp: 84187

Ion Ratio Lower Upper

43 100

61 33.4 25.4 38.2

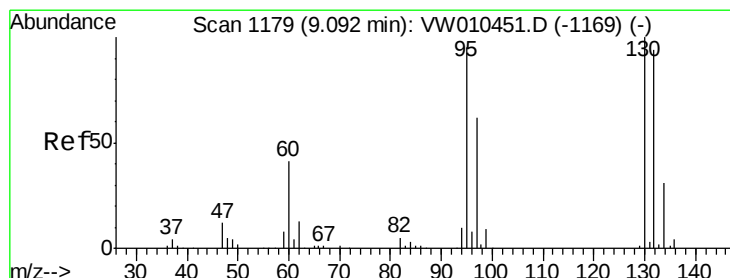
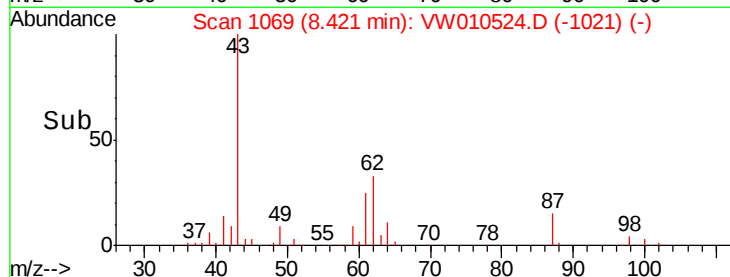
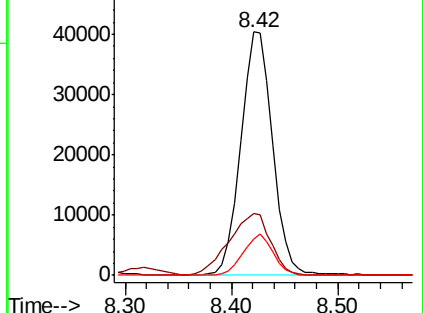
87 16.1 12.7 19.1



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: 57.524 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010524.D

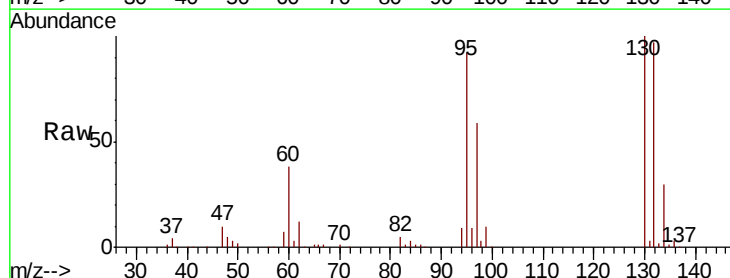
Acq: 23 May 2019 12:22

Tgt Ion:130 Resp: 103956

Ion Ratio Lower Upper

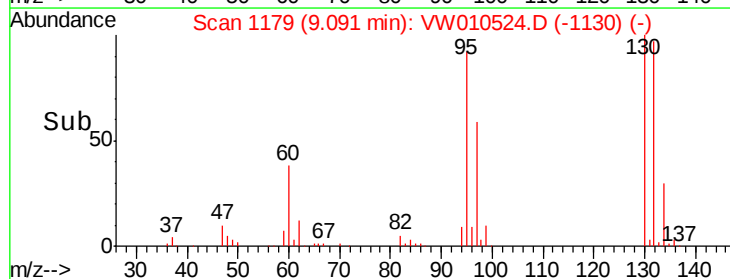
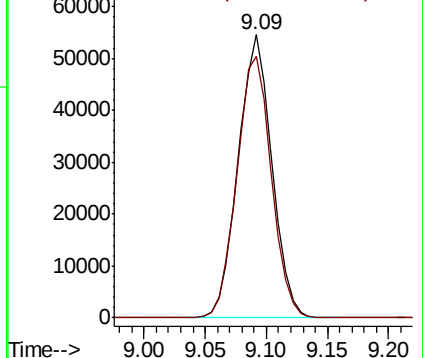
130 100

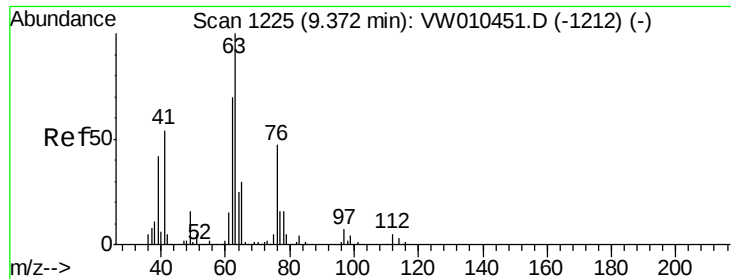
95 92.5 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

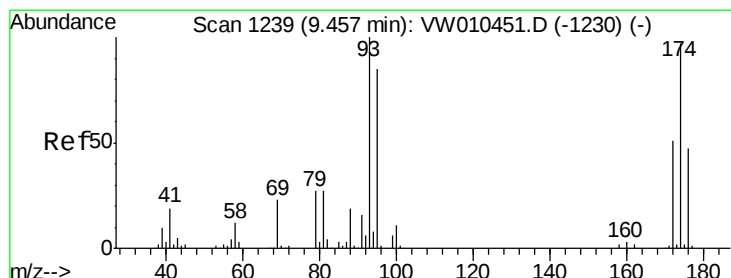
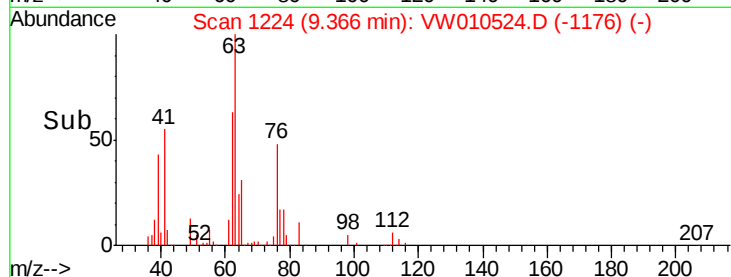
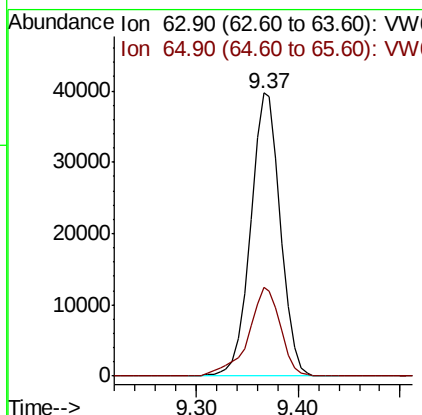
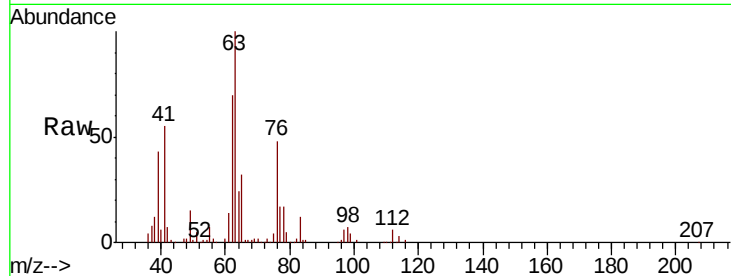




#45
 1,2-Dichloropropane
 Concen: 55.665 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

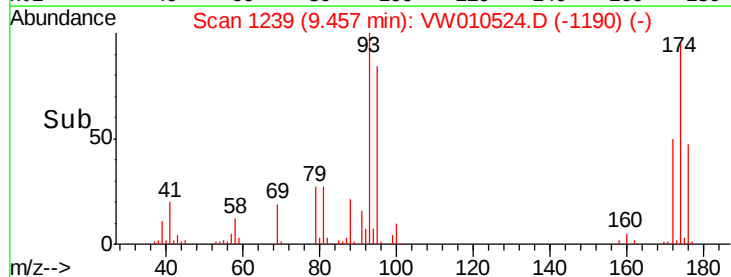
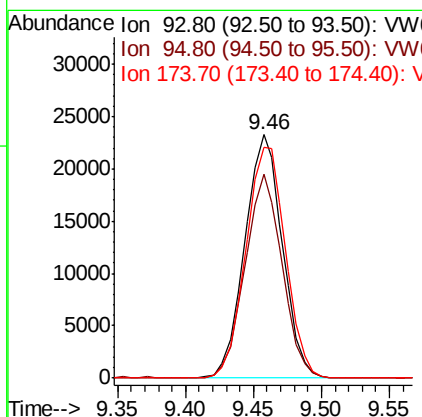
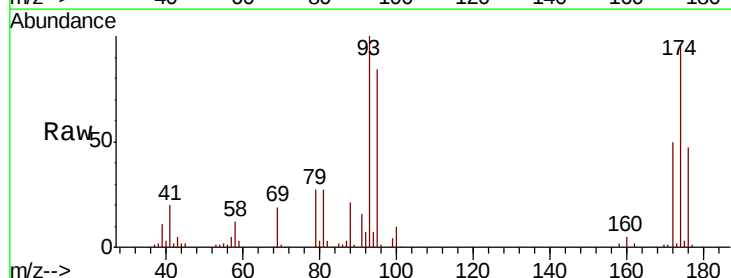
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

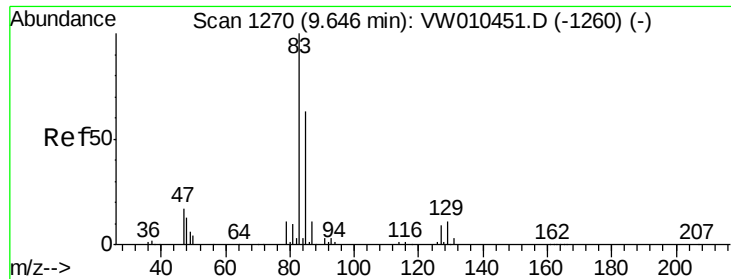
Tot Ion: 63 Resp: 80475
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5



#46
 Dibromomethane
 Concen: 53.107 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion: 93 Resp: 44901
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.1 99.1
 174 100.4 77.1 115.7

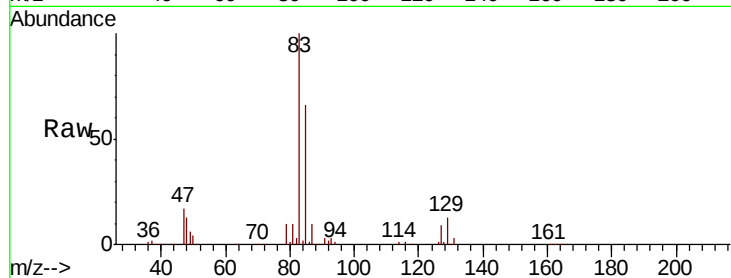




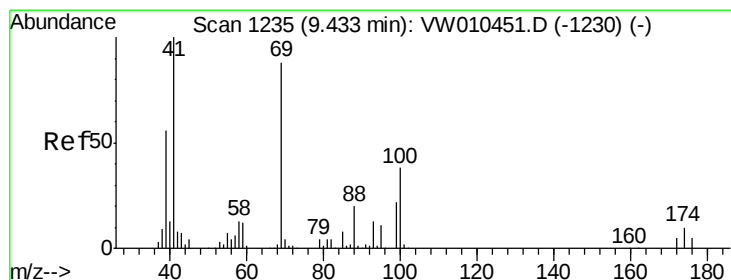
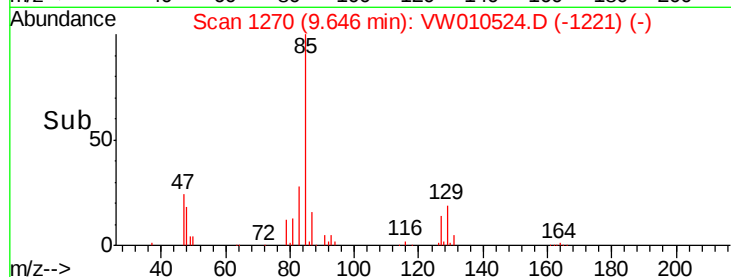
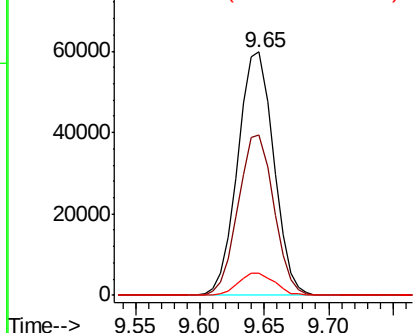
#47
Bromodichloromethane
Concen: 54.544 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 115888
Ion Ratio Lower Upper
83 100
85 65.9 50.4 75.6
127 9.2 7.4 11.0

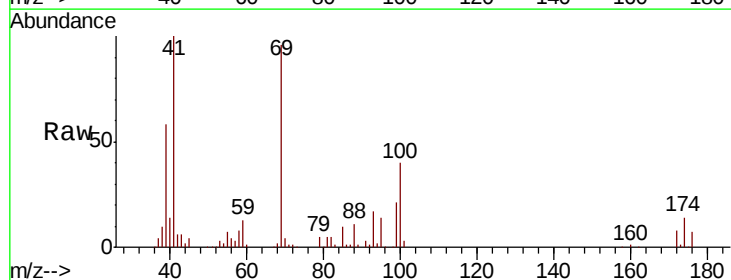


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

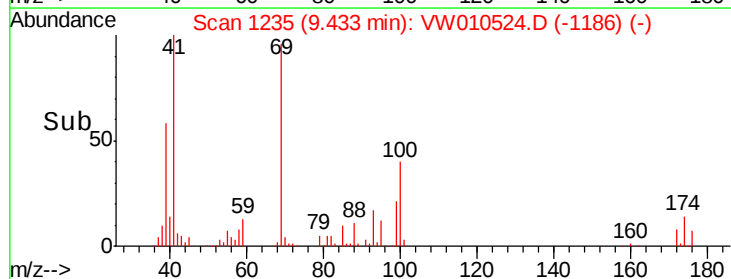
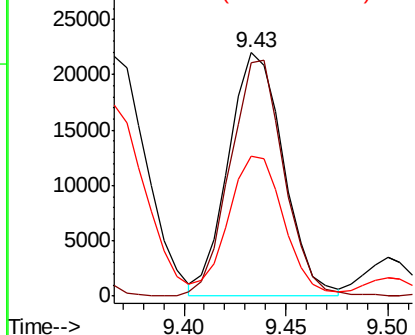


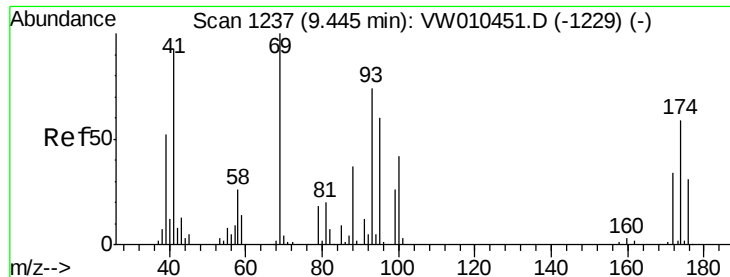
#48
Methyl methacrylate
Concen: 48.371 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 41 Resp: 41174
Ion Ratio Lower Upper
41 100
69 94.7 77.6 116.4
39 58.5 49.8 74.8



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





#49

1,4-Dioxane

Concen: 807.516 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

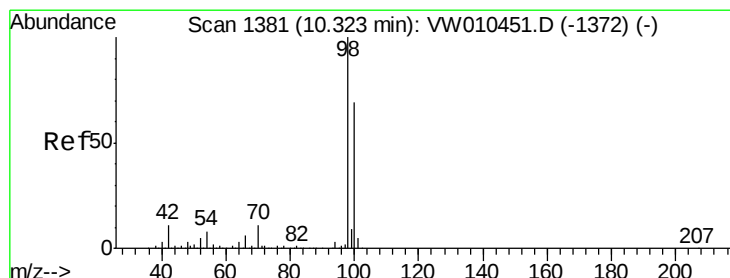
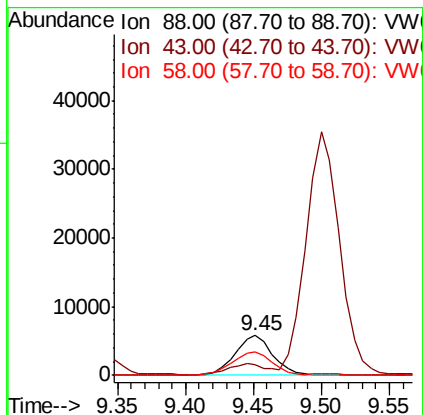
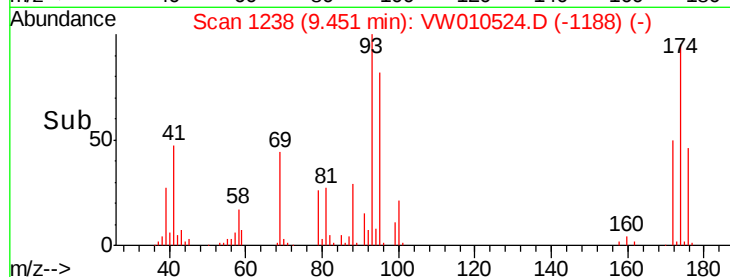
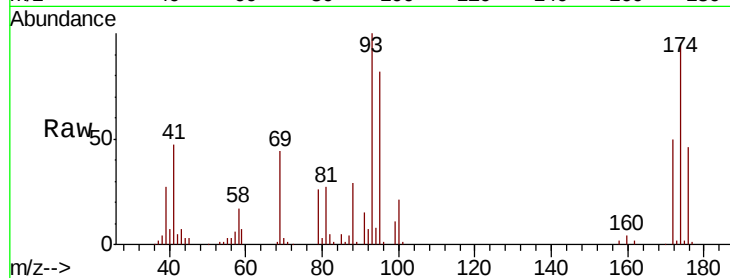
Tot Ion: 88 Resp: 11153

Ion Ratio Lower Upper

88 100

43 27.9 25.9 38.9

58 63.6 52.7 79.1



#50

Toluene-d8

Concen: 46.936 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010524.D

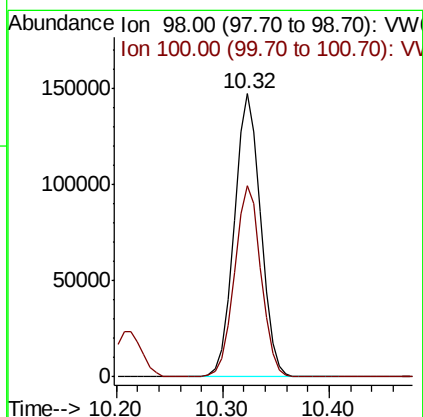
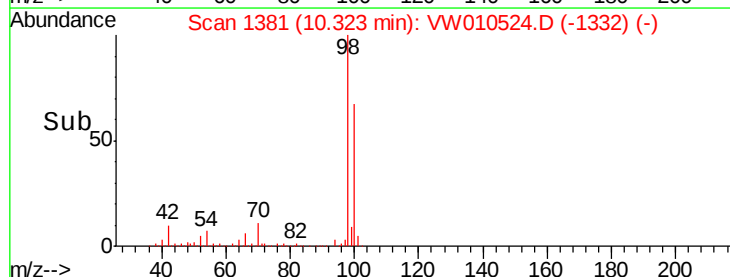
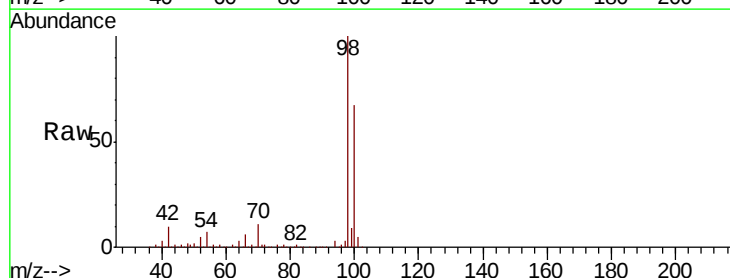
Acq: 23 May 2019 12:22

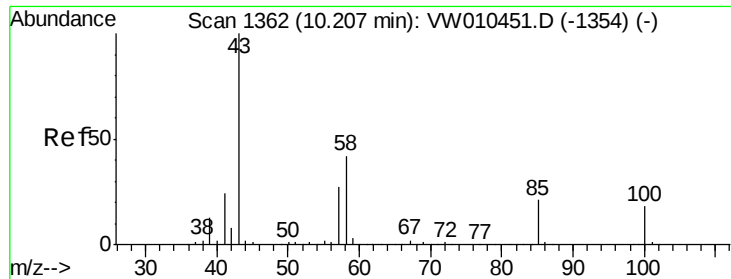
Tgt Ion: 98 Resp: 255792

Ion Ratio Lower Upper

98 100

100 67.8 53.7 80.5

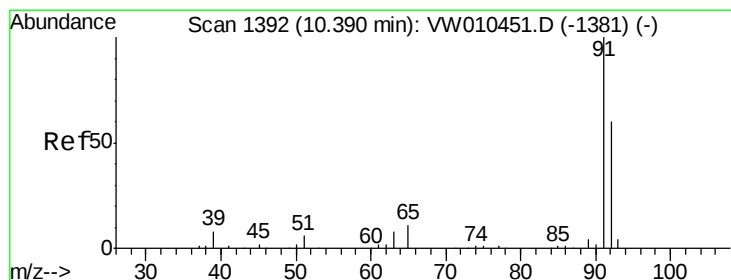
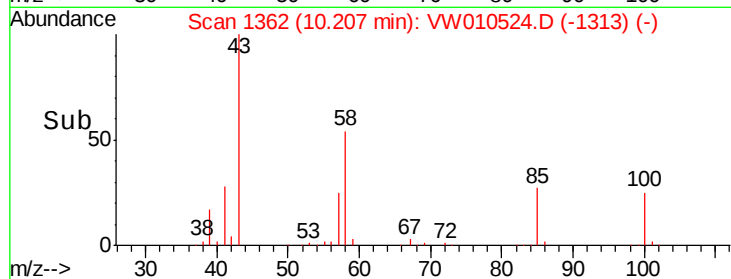
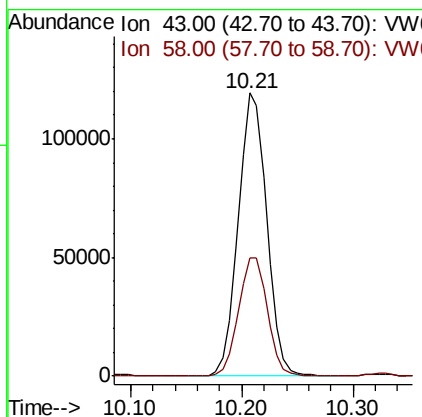
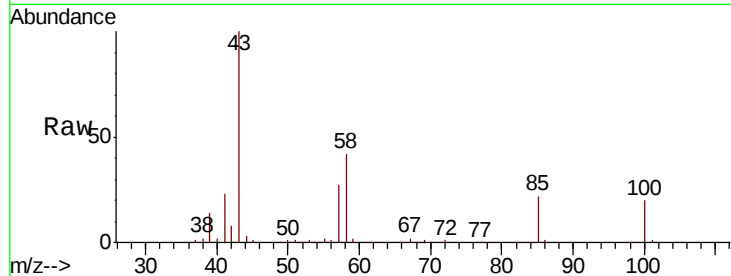




#51
4-Methyl-2-Pentanone
Concen: 223.920 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

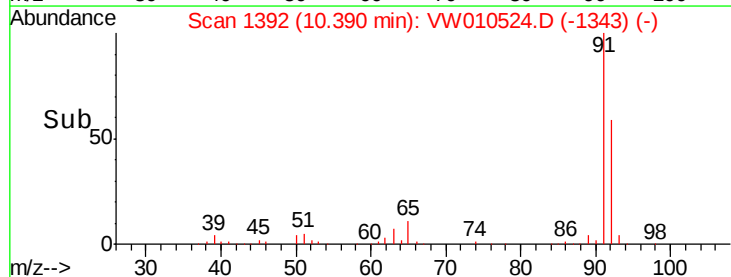
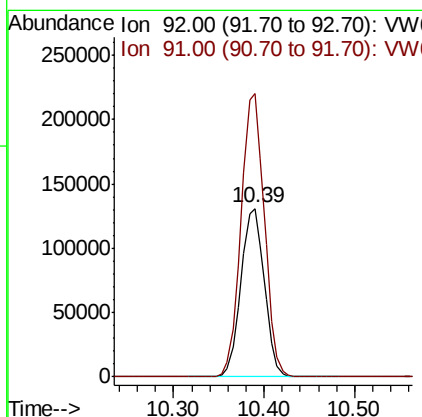
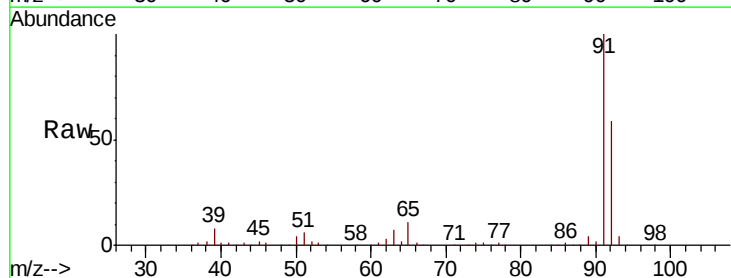
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

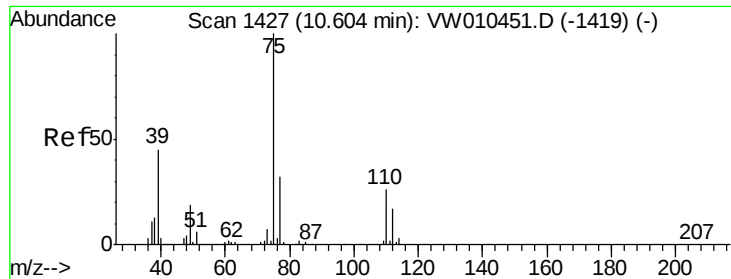
Tot Ion: 43 Resp: 211114
Ion Ratio Lower Upper
43 100
58 42.5 33.2 49.8



#52
Toluene
Concen: 57.333 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 92 Resp: 234379
Ion Ratio Lower Upper
92 100
91 167.0 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 53.533 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

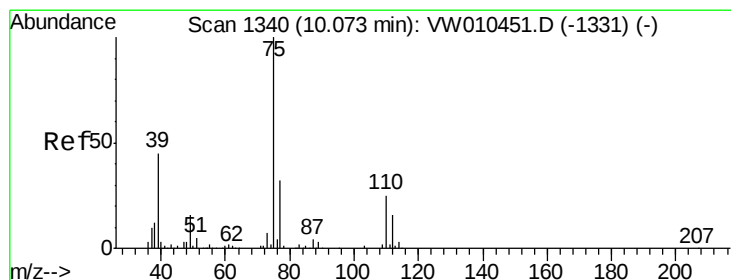
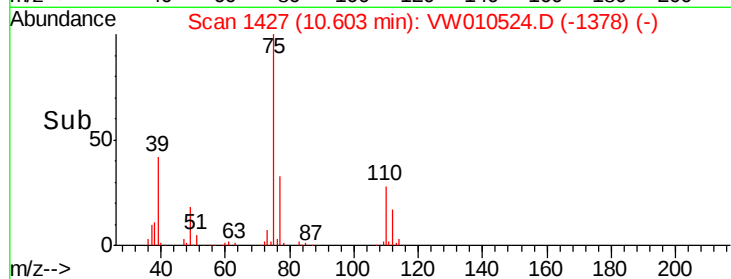
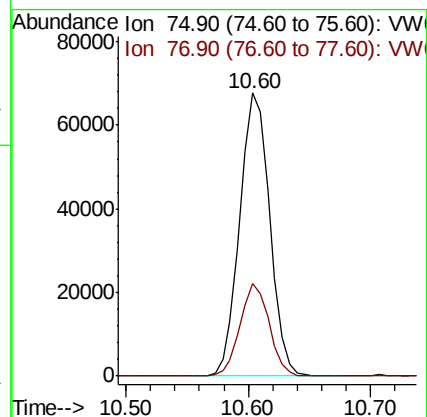
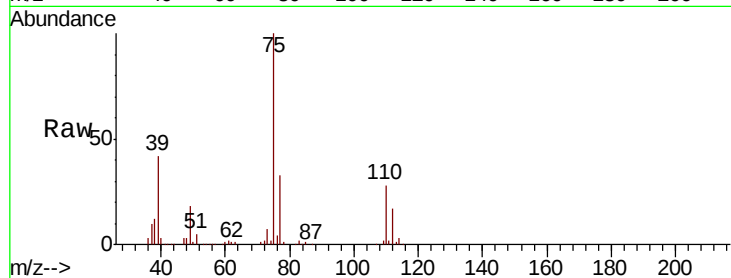
VSTDCCC050

Tot Ion: 75 Resp: 115193

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 55.648 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

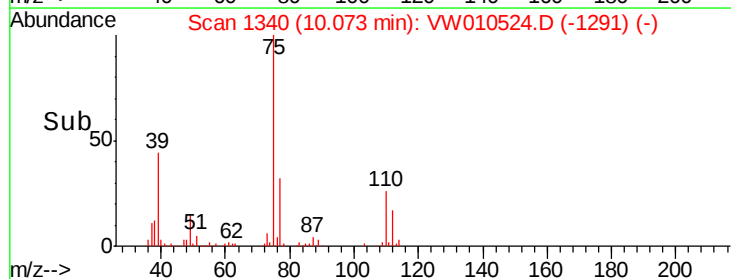
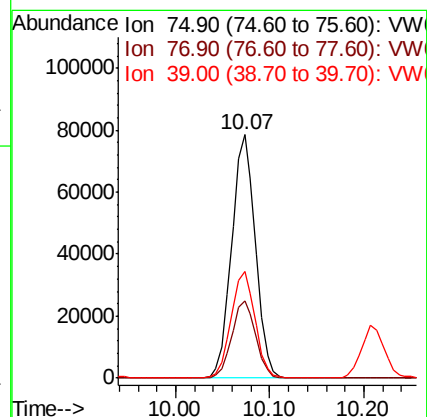
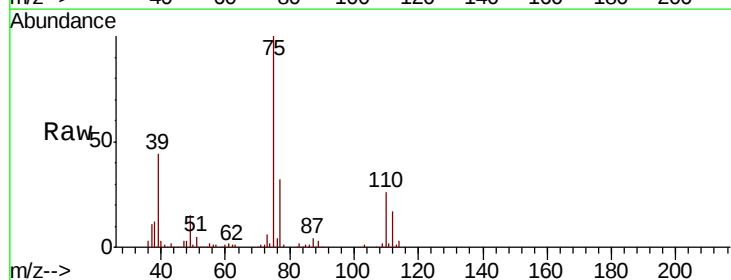
Tgt Ion: 75 Resp: 136756

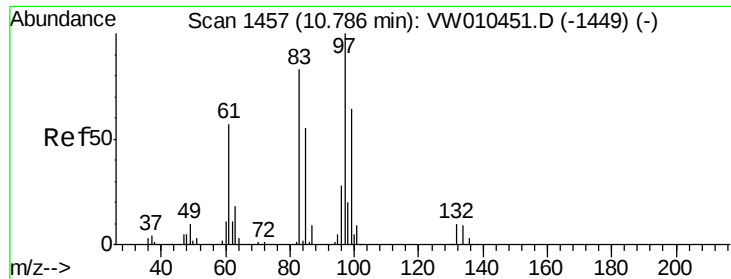
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 43.9 36.2 54.4

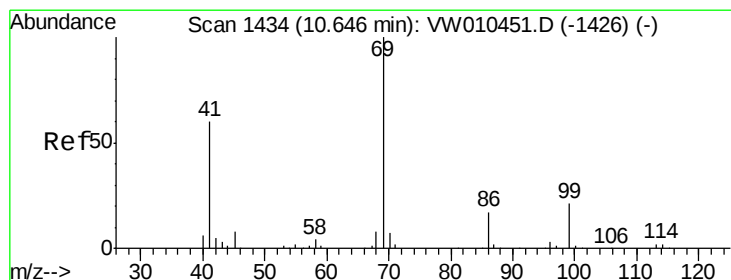
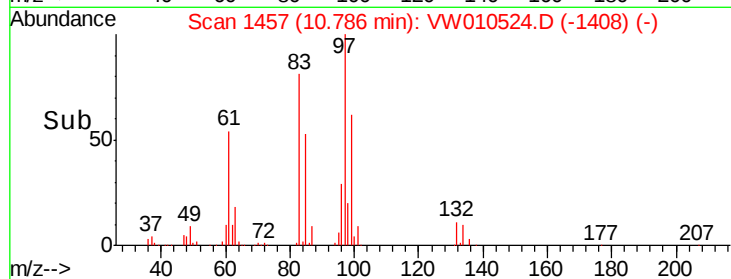
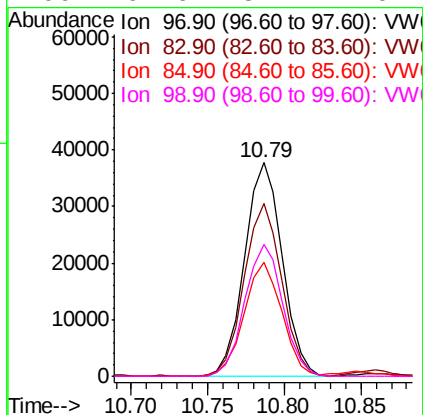
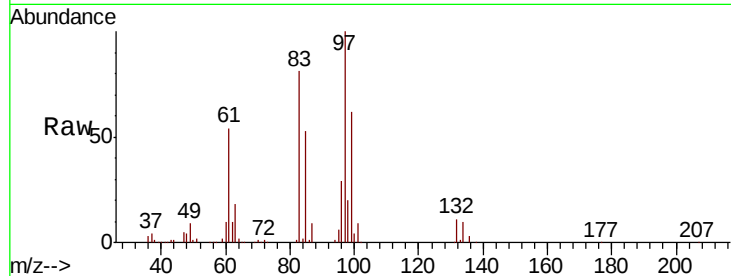




#55
 1,1,2-Trichloroethane
 Concen: 53.275 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

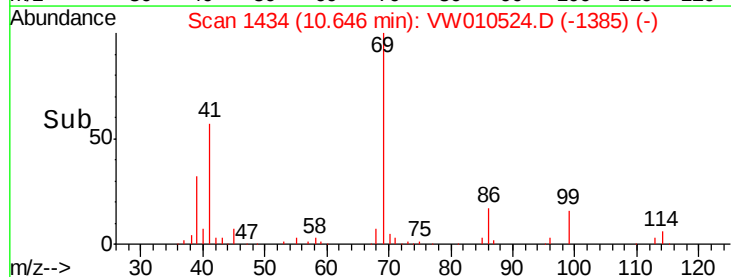
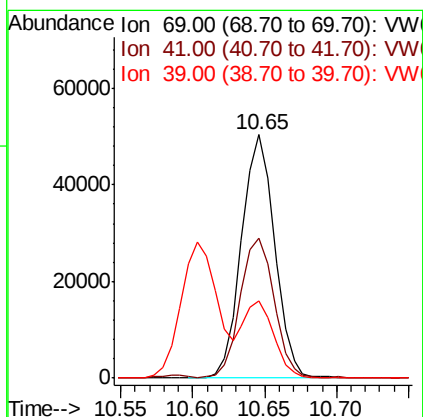
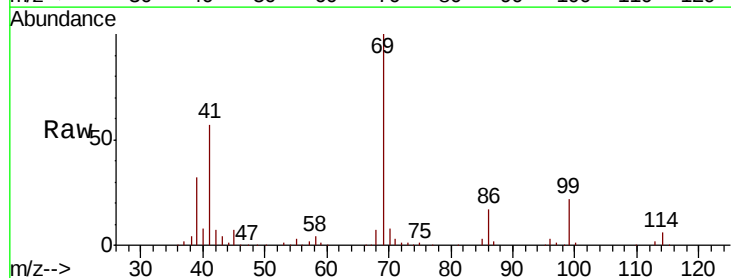
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

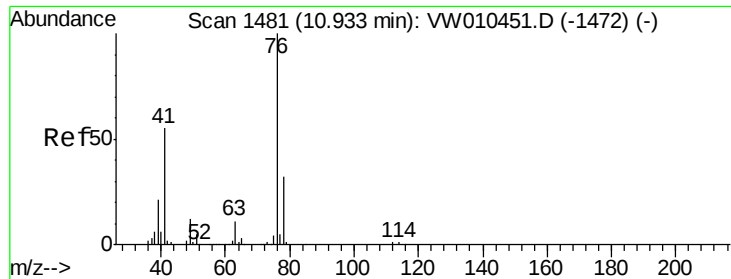
Tot Ion:	97	Resp:	64772
Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.1	99.1
85	53.4	44.2	66.4
99	61.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 47.996 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion:	69	Resp:	80480
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.7	71.5
39	29.6	25.3	37.9

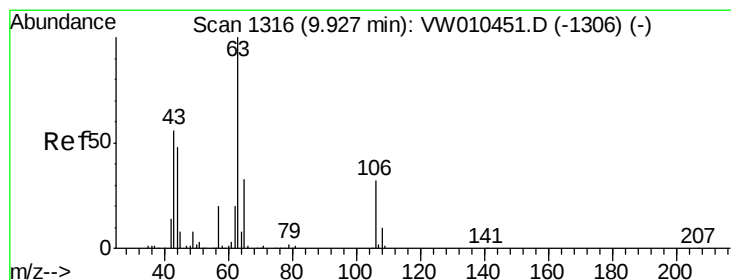
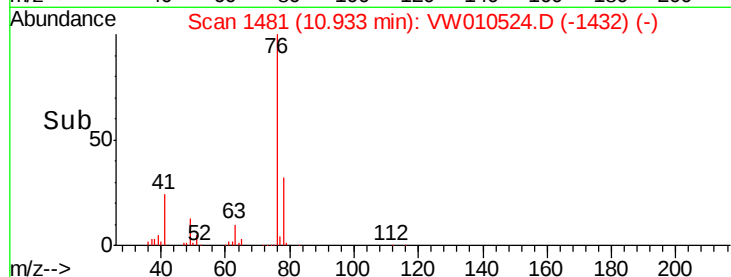
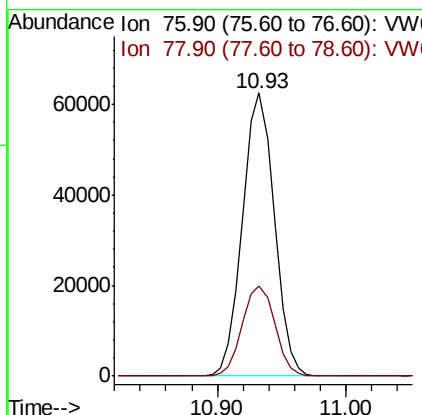
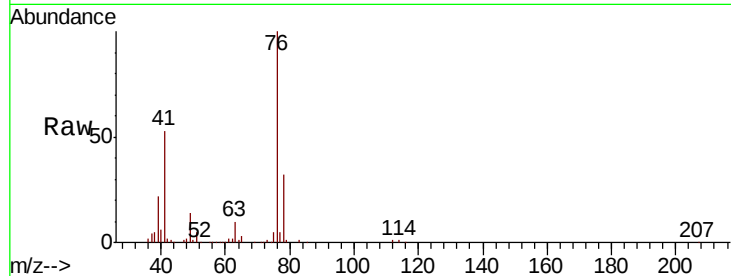




#57
 1,3-Dichloropropane
 Concen: 52.413 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

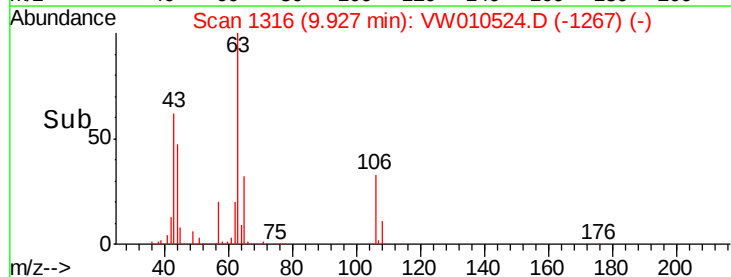
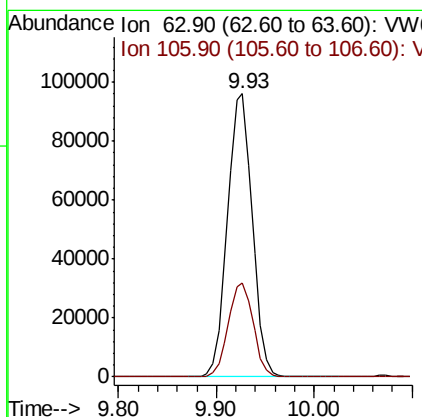
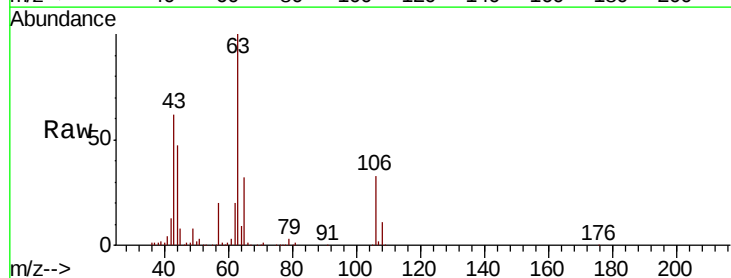
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

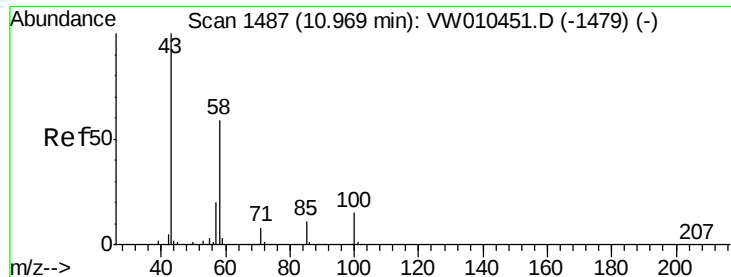
Tot Ion: 76 Resp: 106742
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.700 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion: 63 Resp: 169115
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.8 38.6

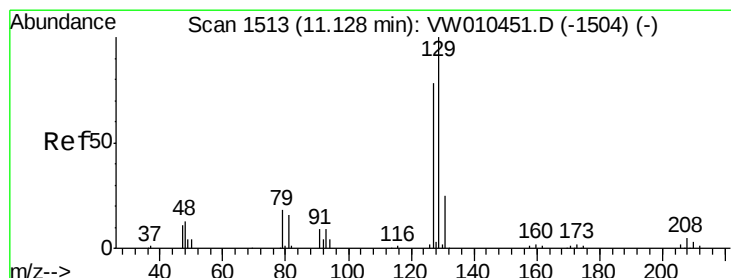
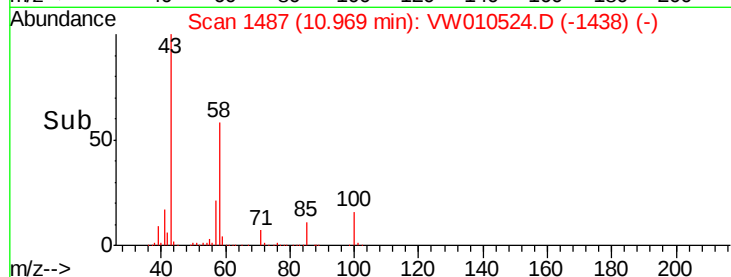
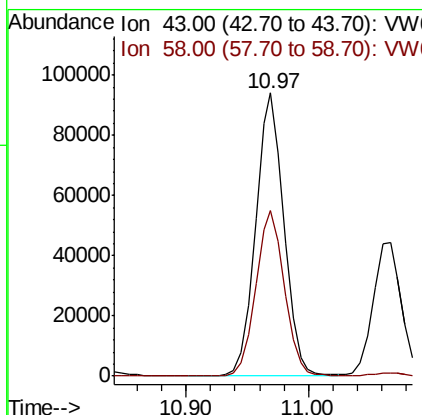
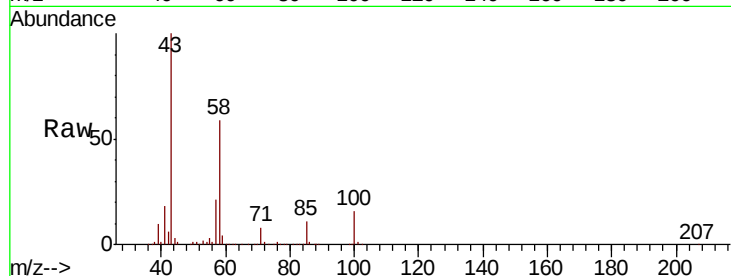




#59
2-Hexanone
Concen: 224.634 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

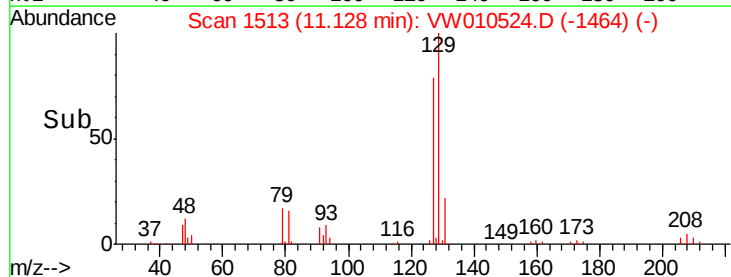
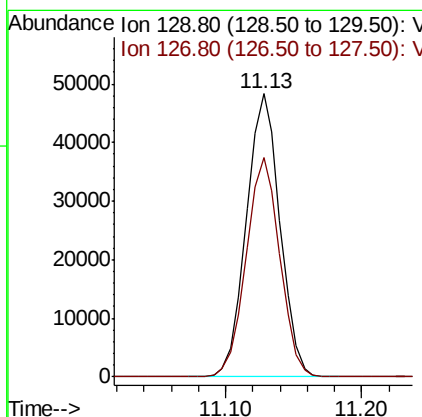
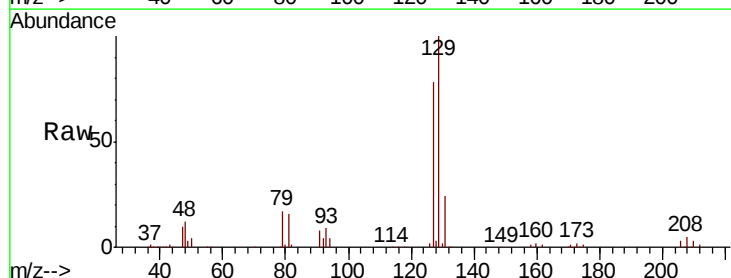
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

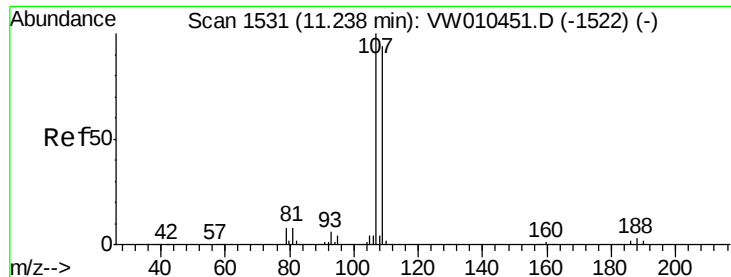
Tot Ion: 43 Resp: 151078
Ion Ratio Lower Upper
43 100
58 59.3 28.9 86.8



#60
Dibromochloromethane
Concen: 54.458 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 129 Resp: 83796
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

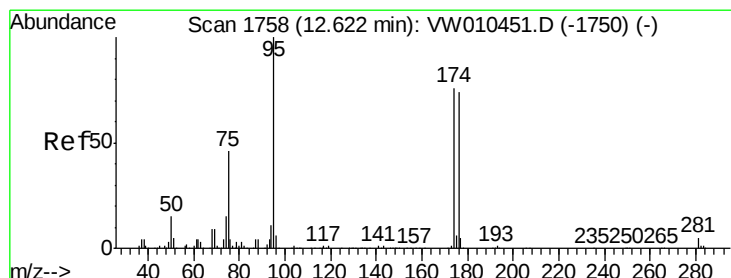
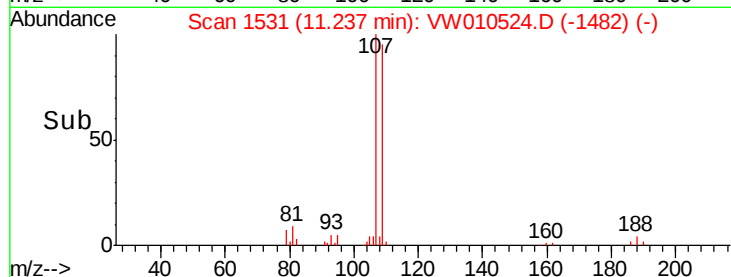
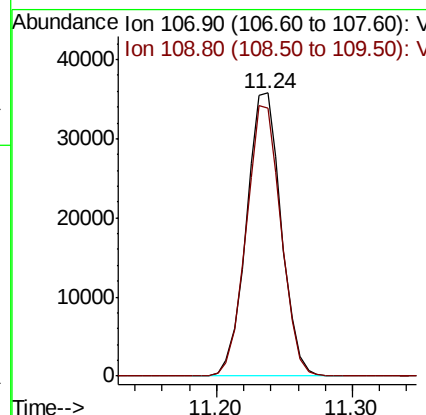
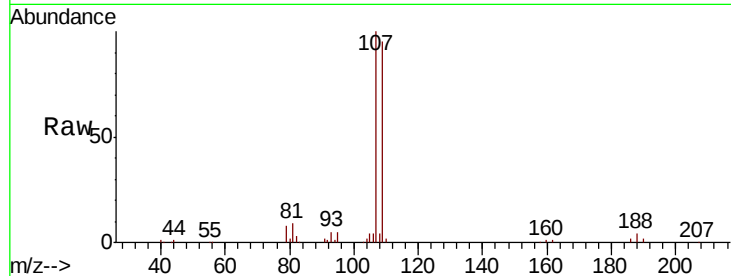




#61
 1,2-Dibromoethane
 Concen: 51.866 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

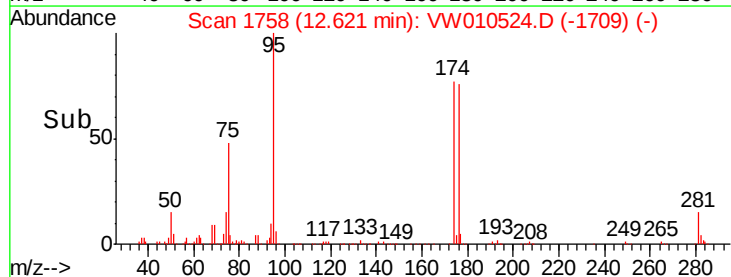
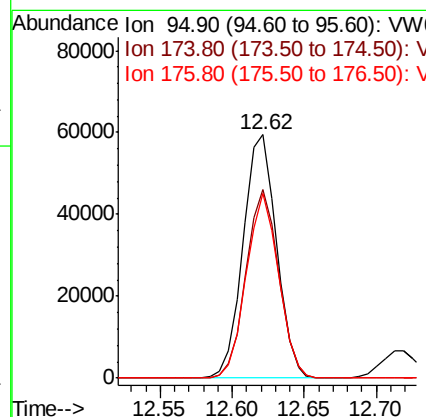
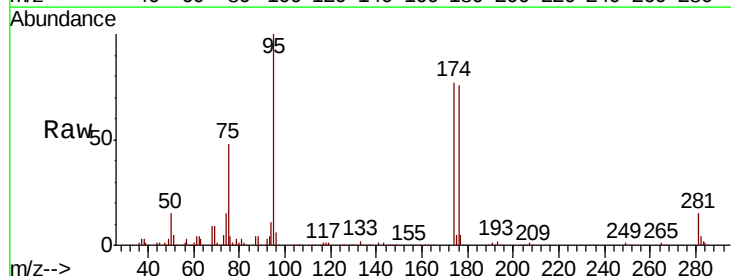
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

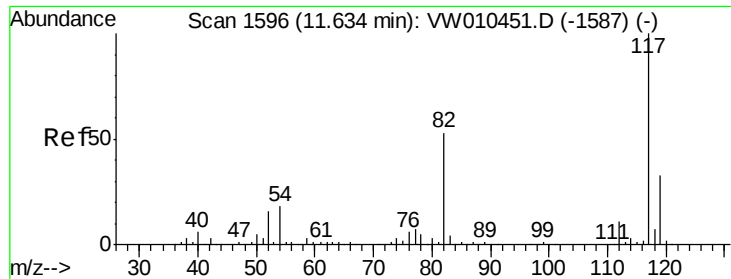
Tot Ion:107 Resp: 63879
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 44.008 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion: 95 Resp: 95530
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 148.6
 176 73.6 0.0 144.2

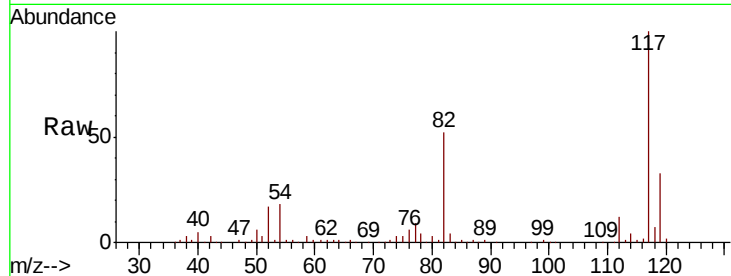




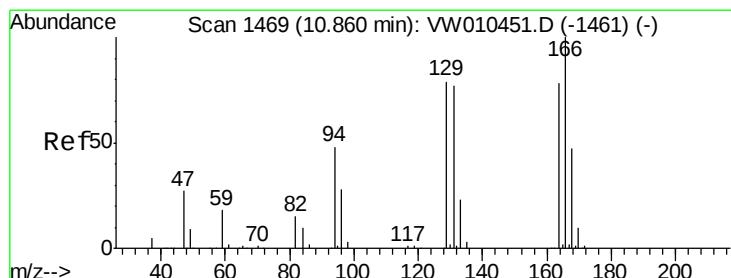
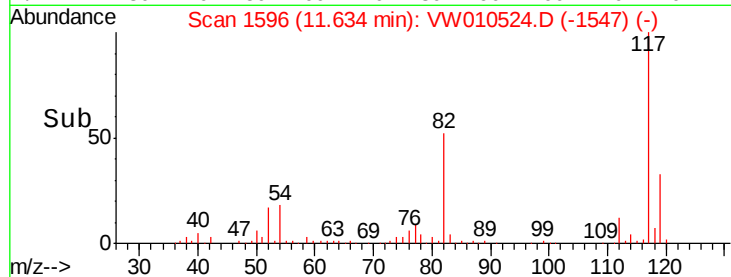
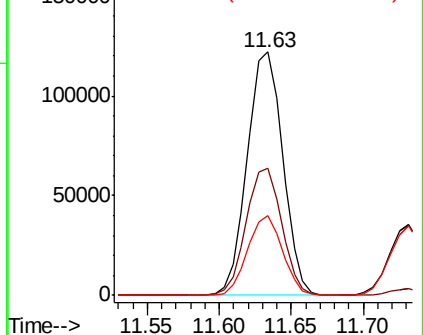
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 208951
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 32.9 26.3 39.5

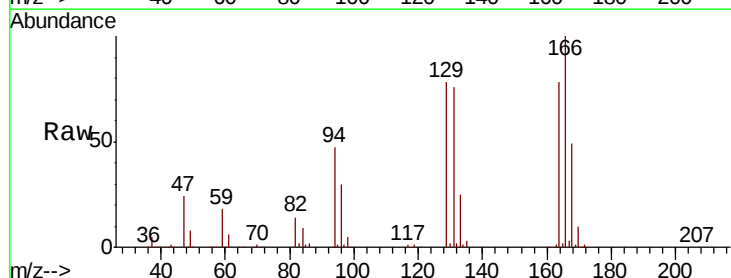


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

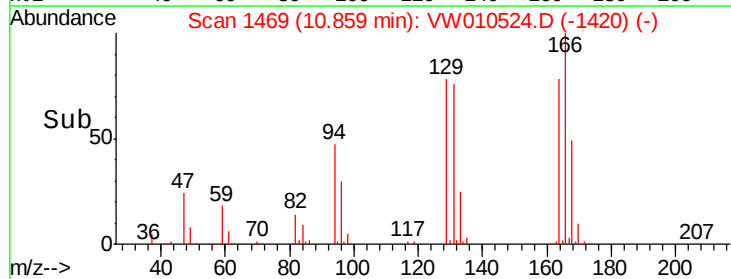
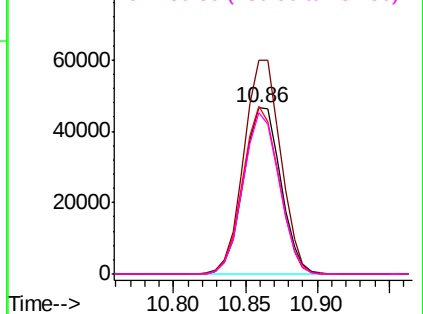


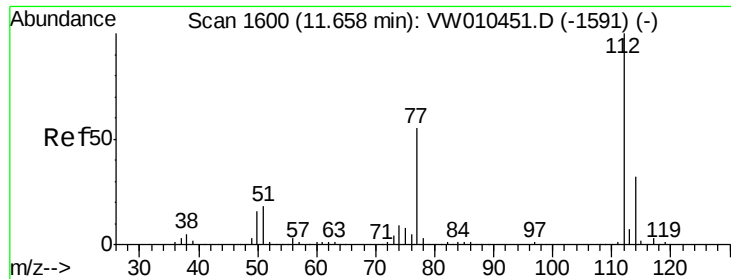
#64
Tetrachloroethene
Concen: 57.205 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion:164 Resp: 83324
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 101.0 80.6 121.0
131 97.6 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 57.173 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

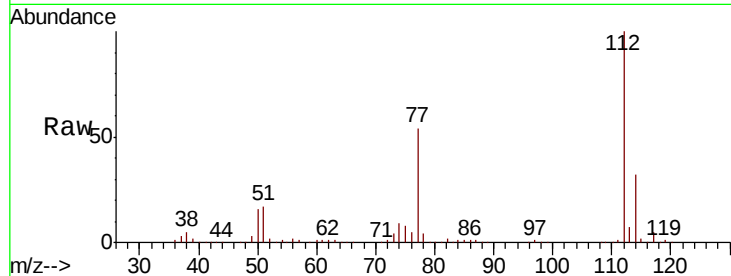
VSTDCCC050

Tot Ion:112 Resp: 254604

Ion Ratio Lower Upper

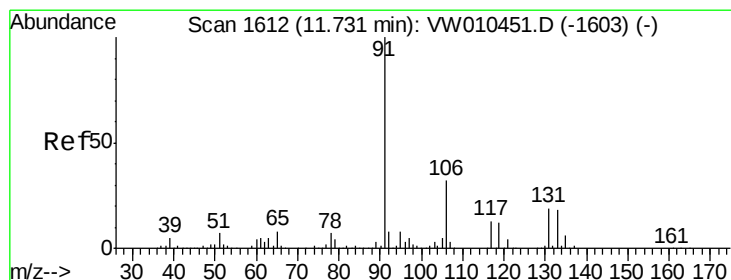
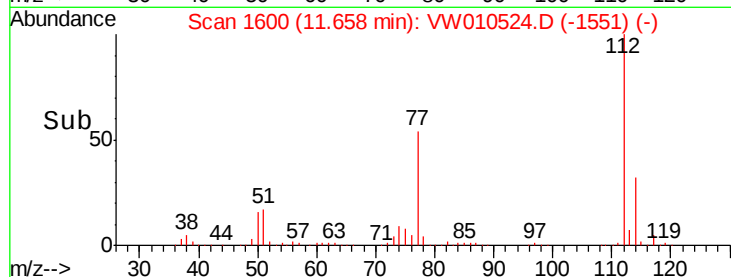
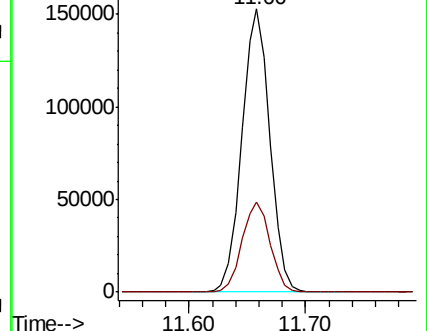
112 100

114 31.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.465 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

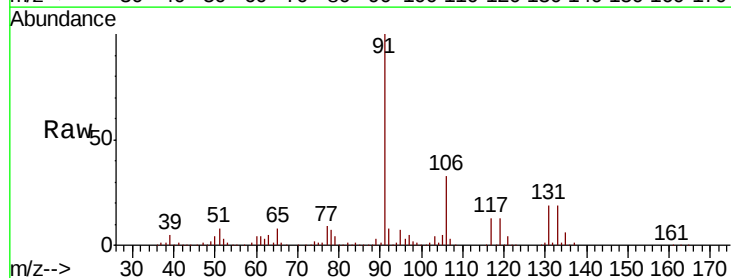
Tgt Ion:131 Resp: 90076

Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.9

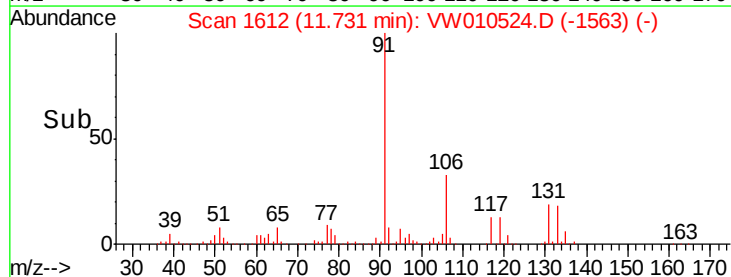
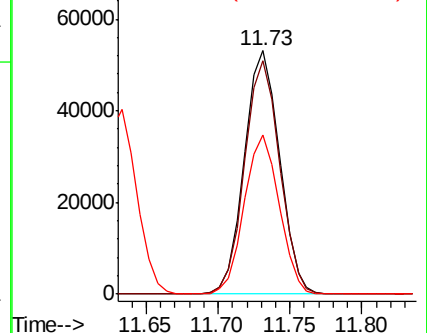
119 64.9 32.1 96.5

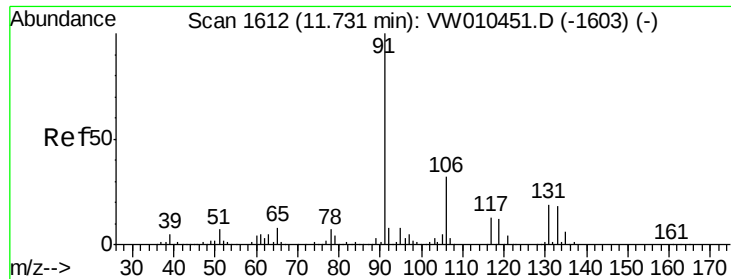


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

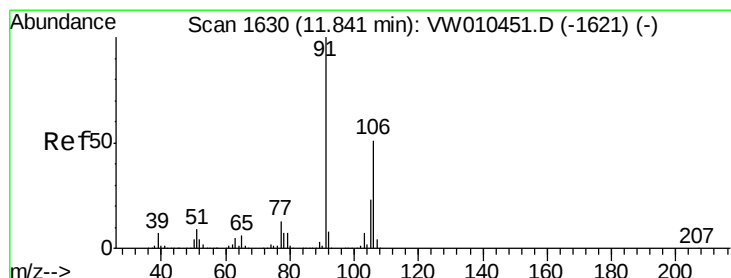
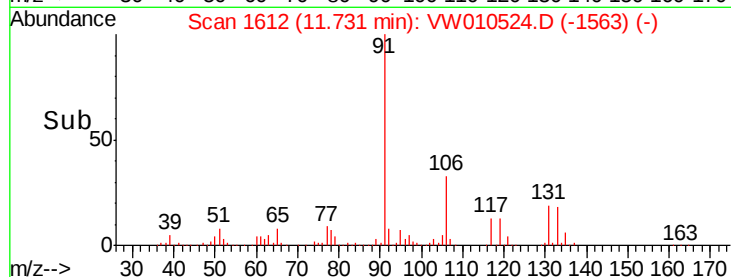
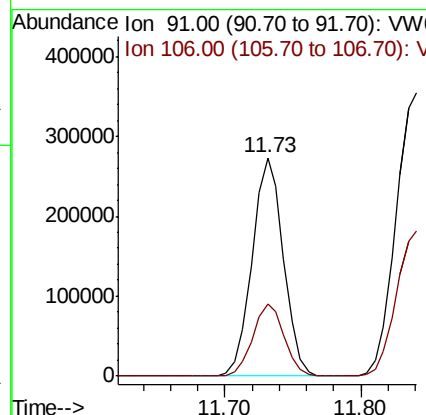
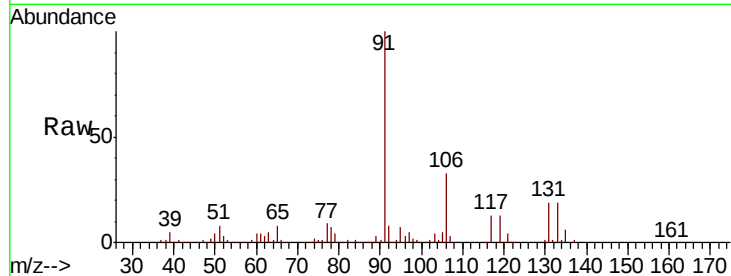




#67
Ethyl Benzene
Concen: 55.840 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

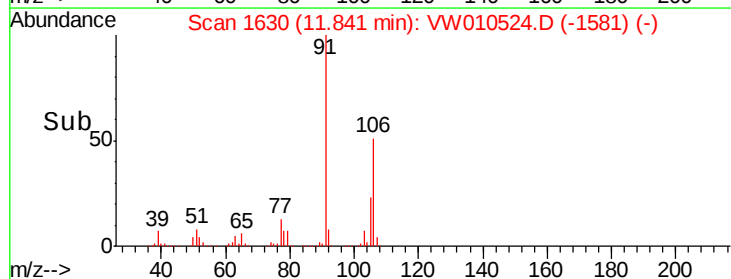
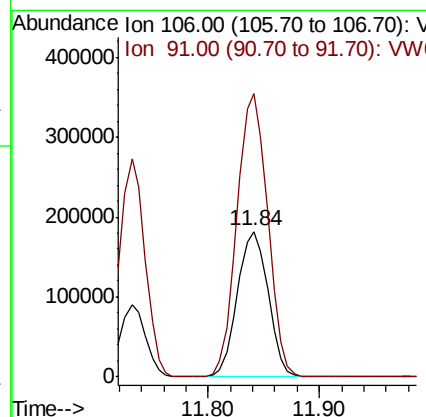
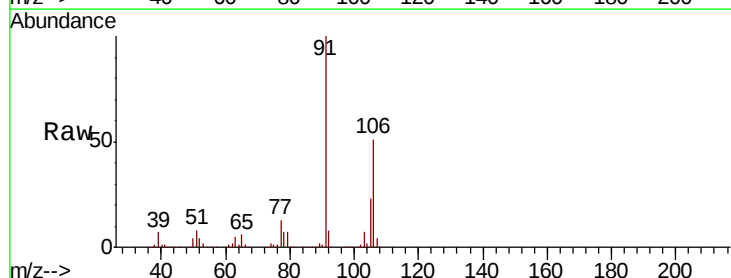
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

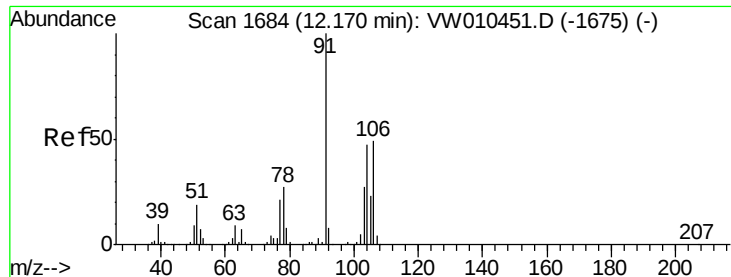
Tot Ion: 91 Resp: 439033
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9



#68
m/p-Xylenes
Concen: 113.031 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion: 106 Resp: 348574
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0

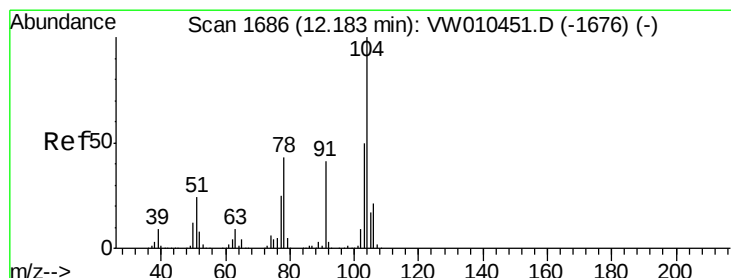
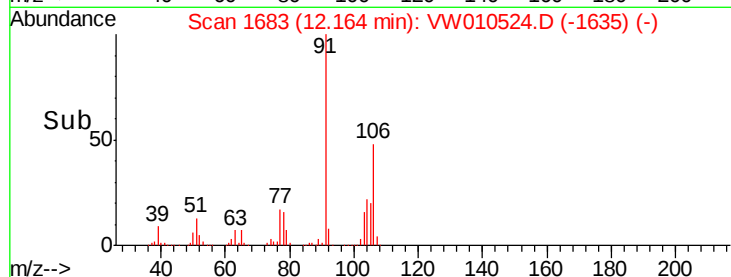
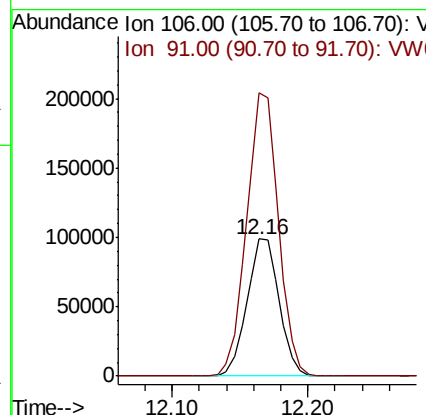
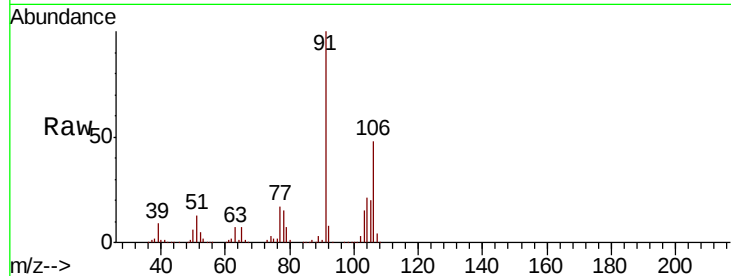




#69
o-Xylene
Concen: 55.889 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

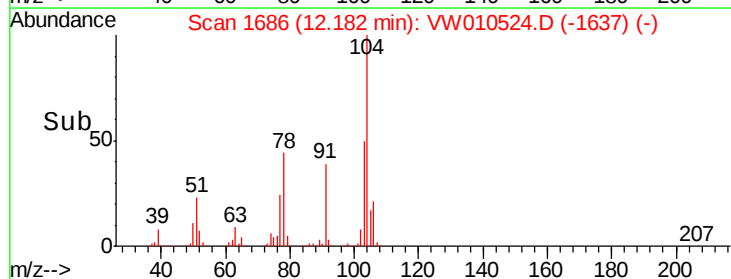
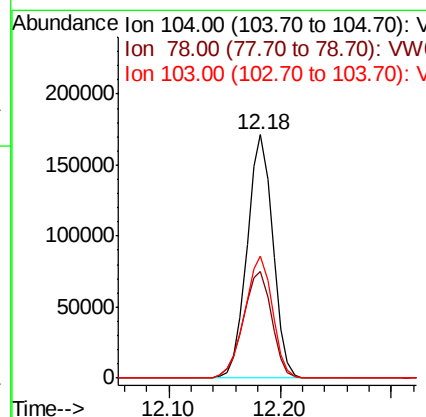
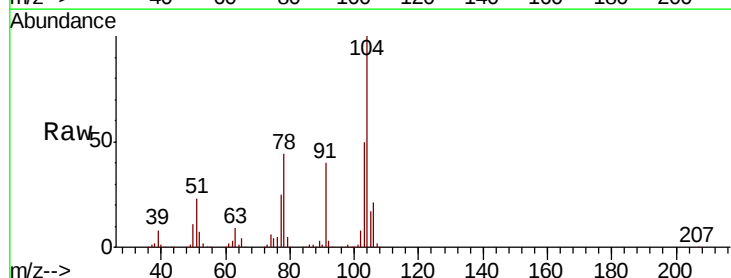
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

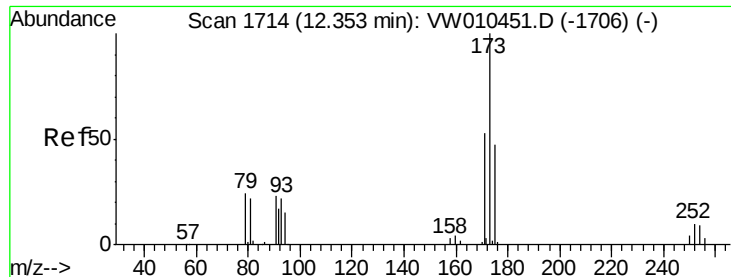
Tot Ion:106 Resp: 163295
Ion Ratio Lower Upper
106 100
91 204.7 103.2 309.4



#70
Styrene
Concen: 55.503 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion:104 Resp: 275157
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.0 43.0 64.6





#71

Bromoform

Concen: 50.770 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

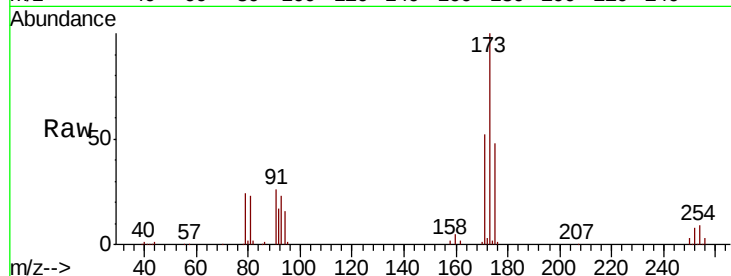
Tot Ion:173 Resp: 44600

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

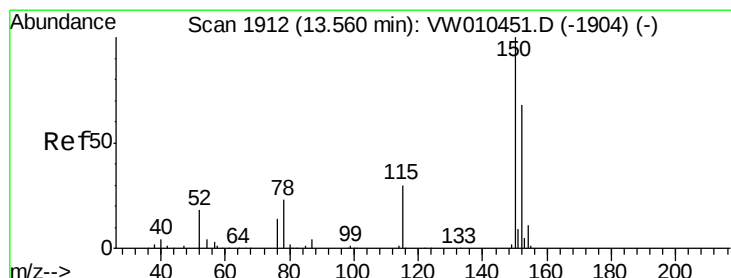
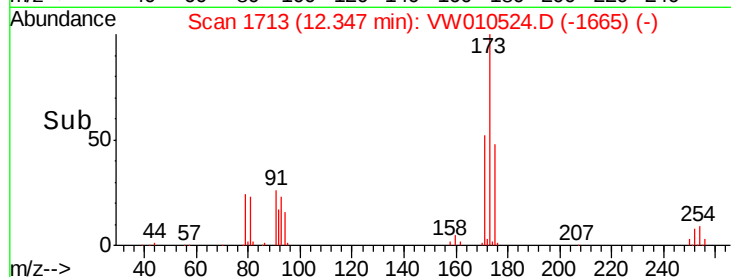
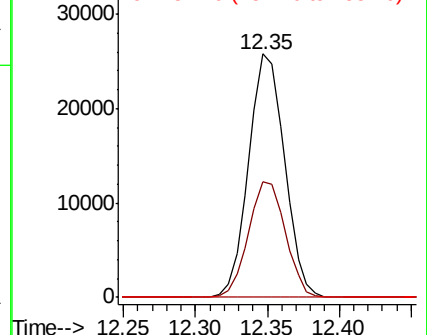
254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

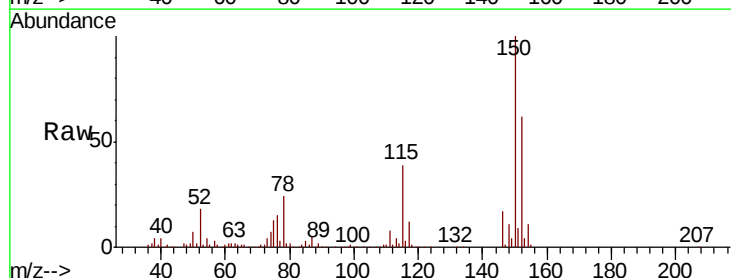
Tgt Ion:152 Resp: 97763

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

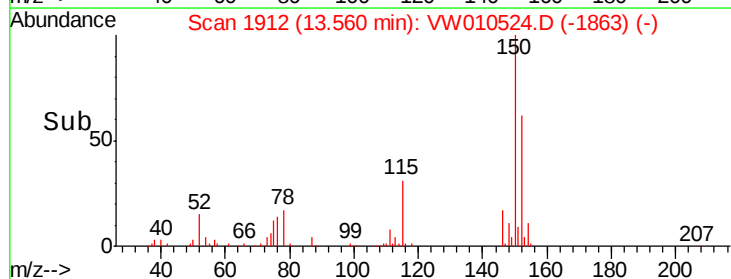
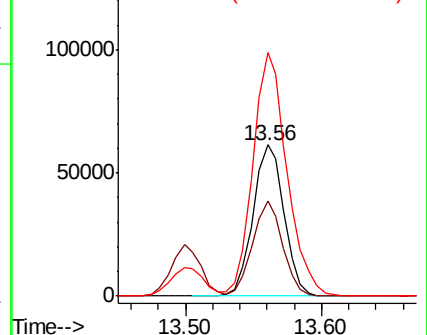
150 177.1 0.0 349.8

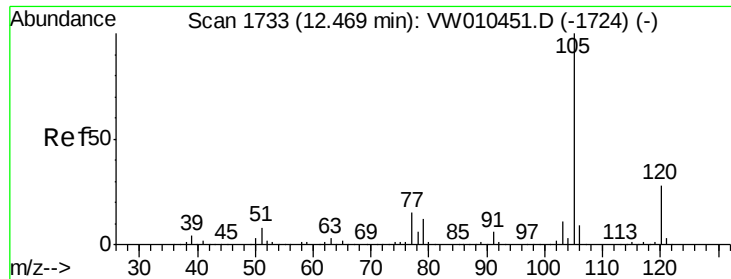


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.183 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

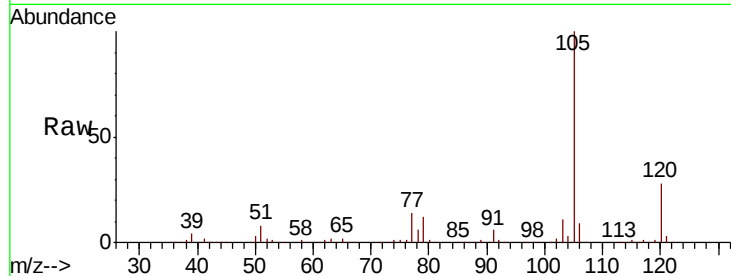
VSTDCCC050

Tot Ion:105 Resp: 443613

Ion Ratio Lower Upper

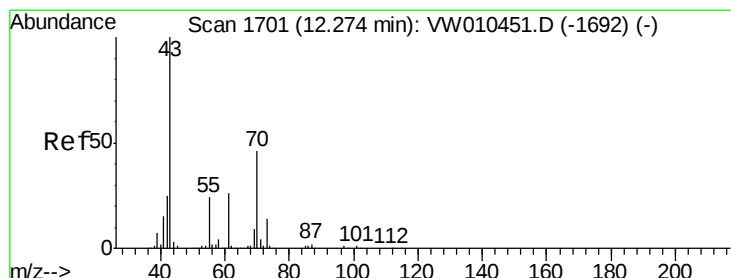
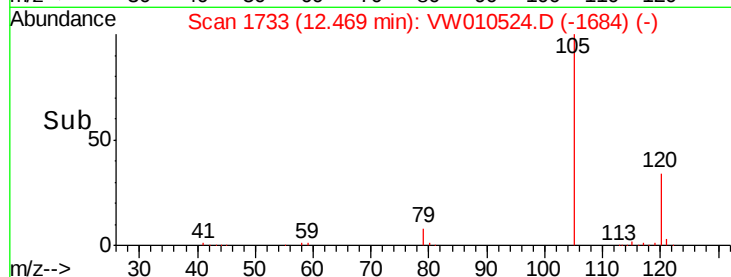
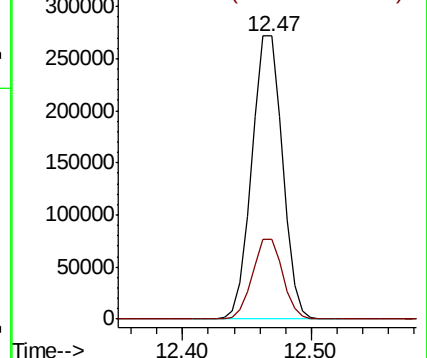
105 100

120 28.0 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.618 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Tgt Ion: 43 Resp: 77541

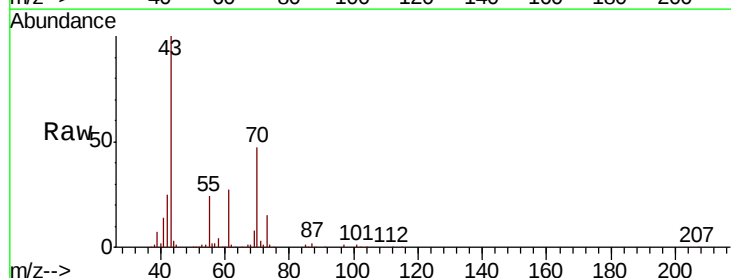
Ion Ratio Lower Upper

43 100

70 49.0 37.1 55.7

55 25.5 19.6 29.4

61 26.9 20.7 31.1

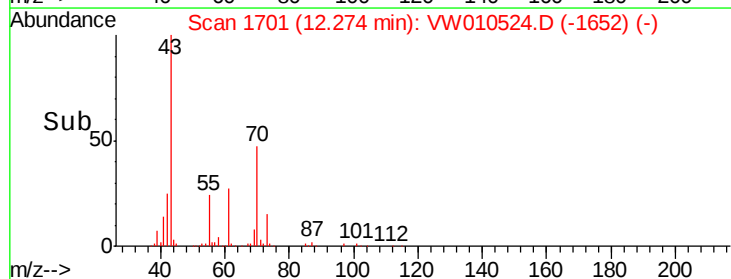
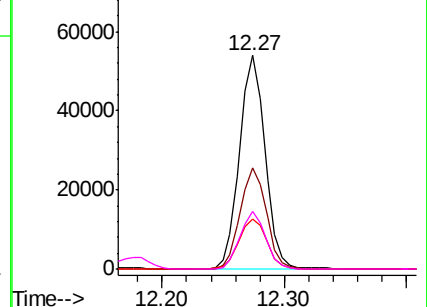


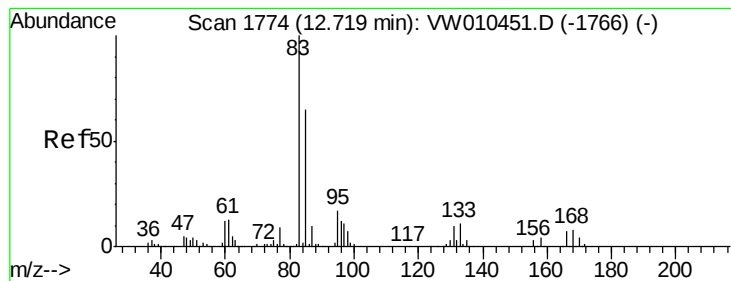
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 48.937 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

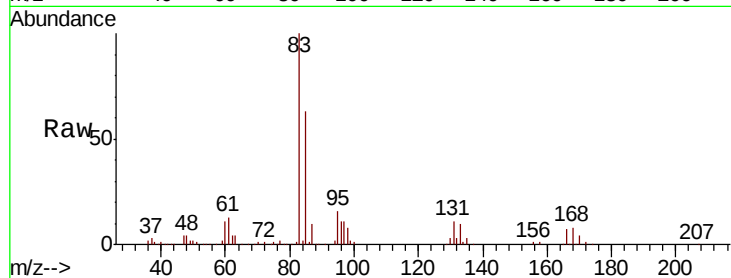
Tot Ion: 83 Resp: 69052

Ion Ratio Lower Upper

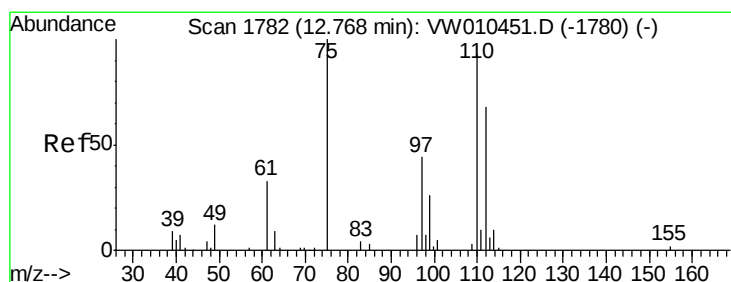
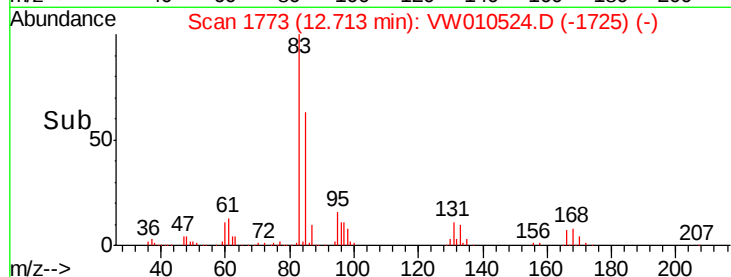
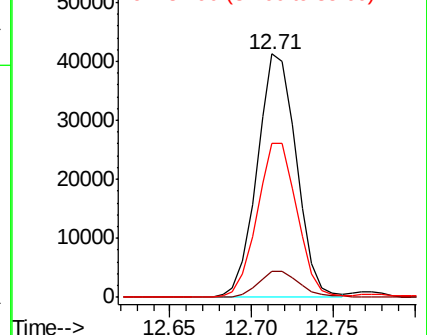
83 100

131 11.5 5.6 16.8

85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.371 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010524.D

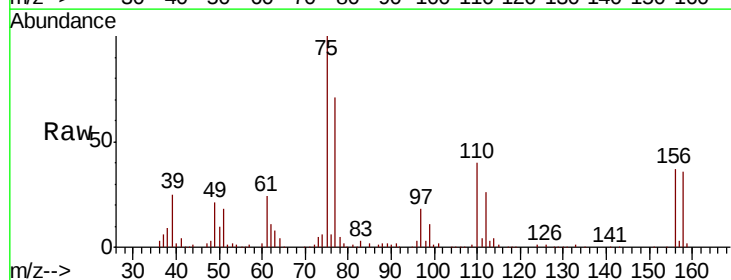
Acq: 23 May 2019 12:22

Tgt Ion: 75 Resp: 88688

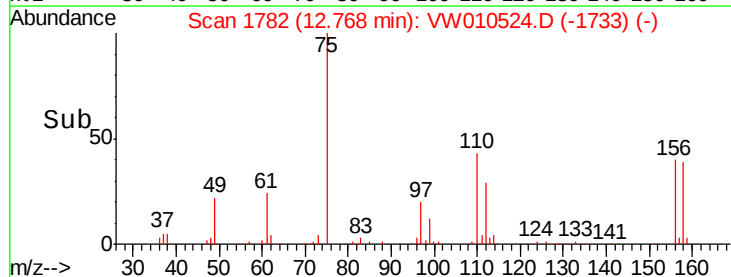
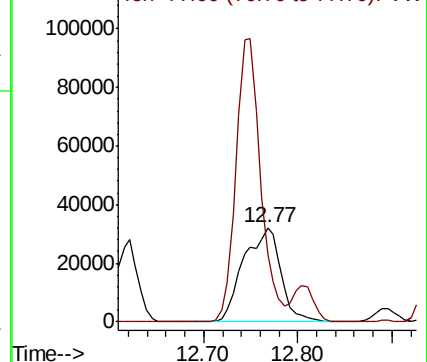
Ion Ratio Lower Upper

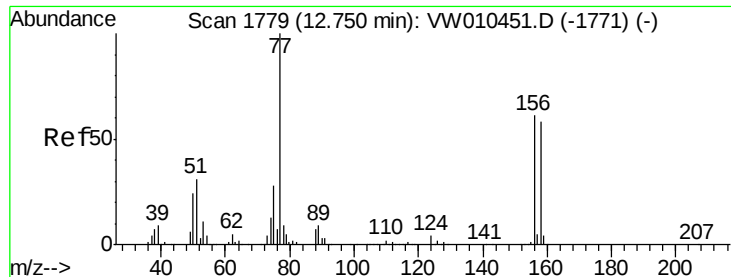
75 100

77 199.4 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 58.214 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

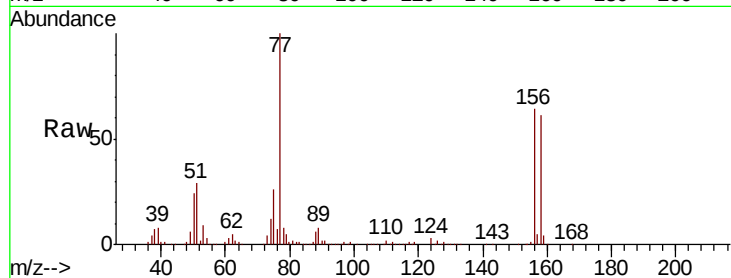
Tot Ion:156 Resp: 101063

Ion Ratio Lower Upper

156 100

77 175.0 92.4 277.2

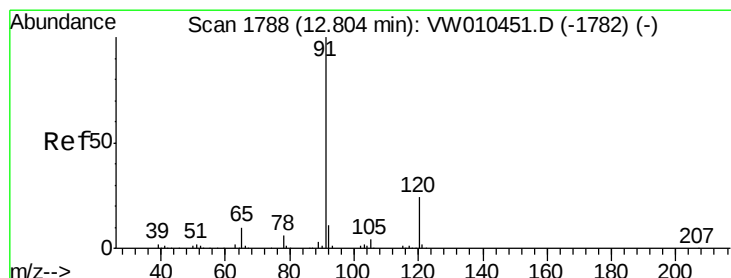
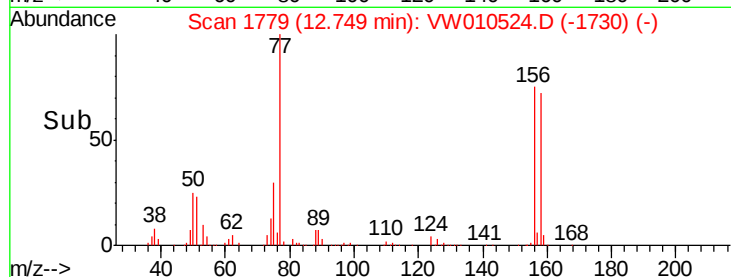
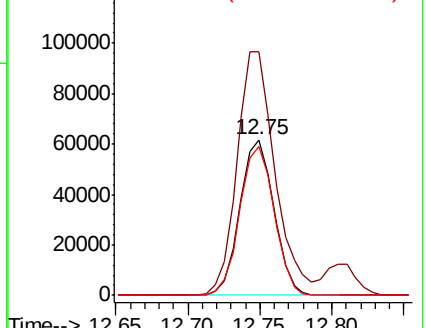
158 96.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.400 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010524.D

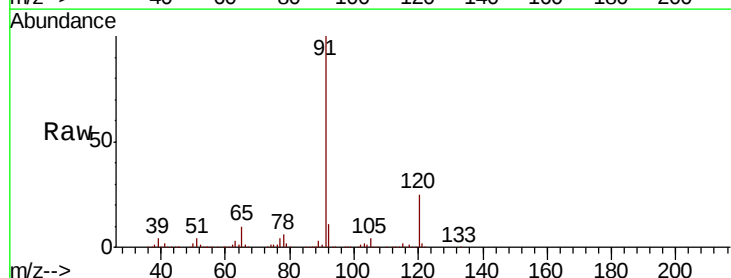
Acq: 23 May 2019 12:22

Tgt Ion: 91 Resp: 509903

Ion Ratio Lower Upper

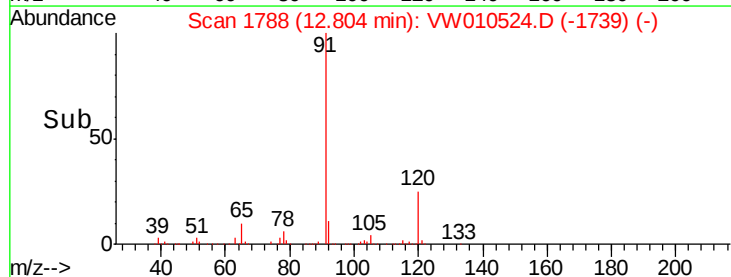
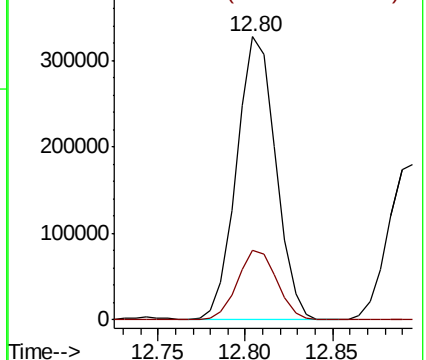
91 100

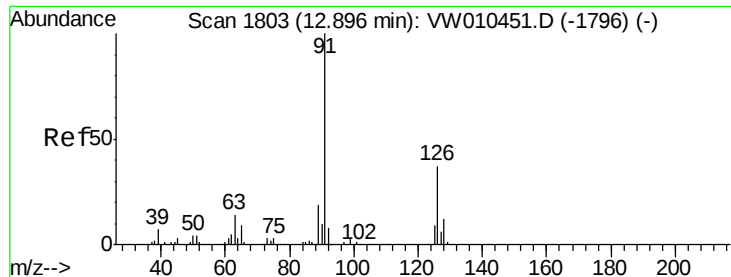
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.488 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

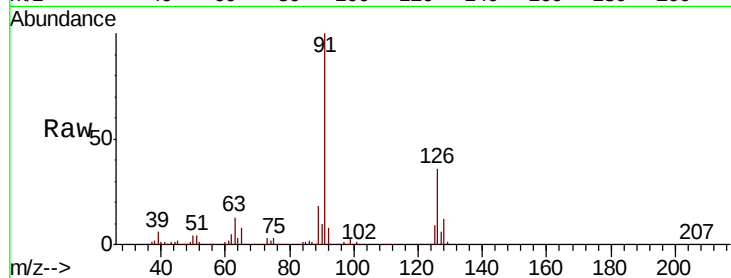
VSTDCCC050

Tot Ion: 91 Resp: 296161

Ion Ratio Lower Upper

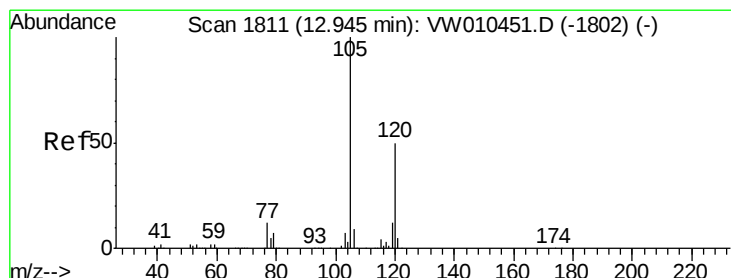
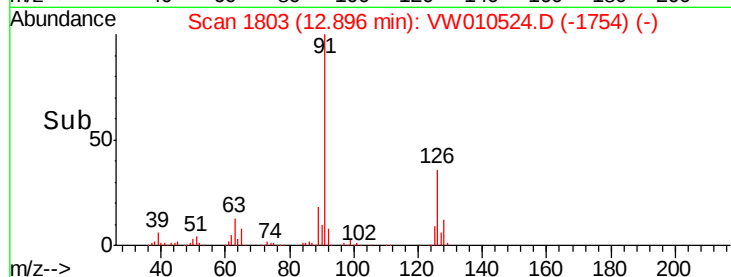
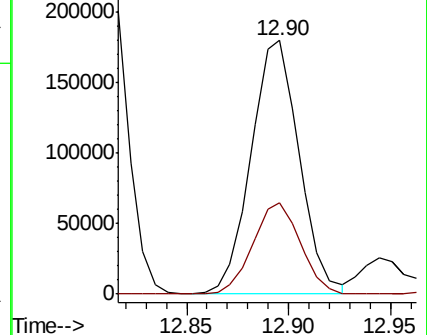
91 100

126 35.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.745 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010524.D

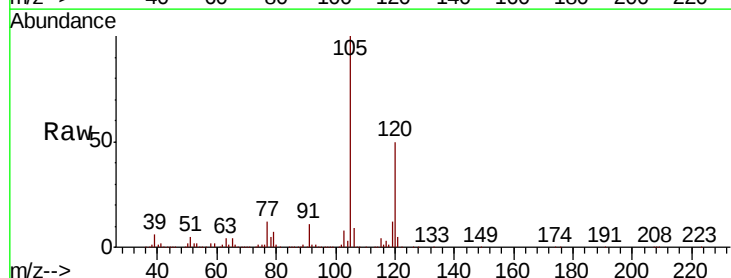
Acq: 23 May 2019 12:22

Tgt Ion:105 Resp: 372837

Ion Ratio Lower Upper

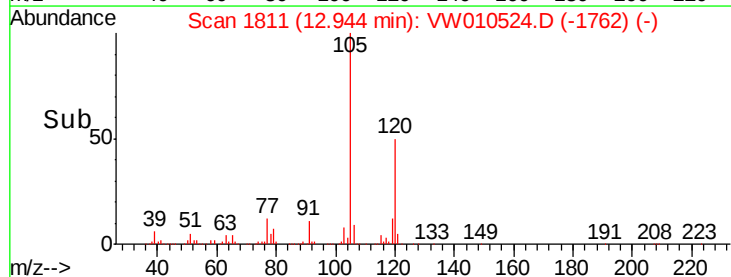
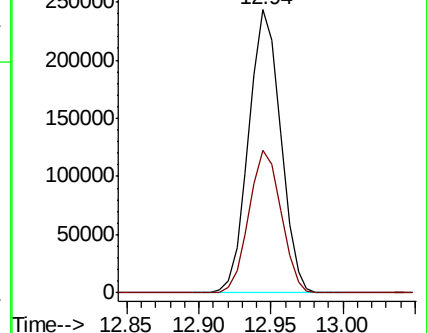
105 100

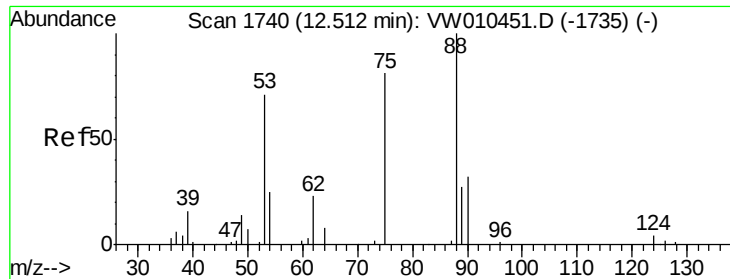
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.934 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

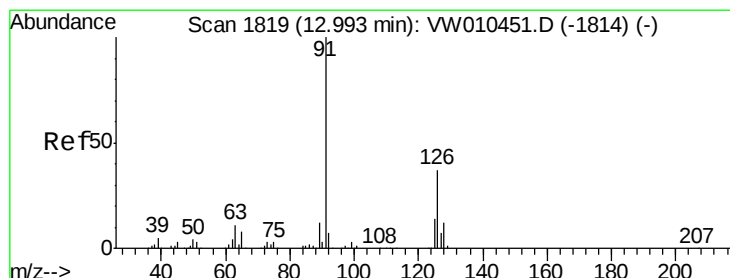
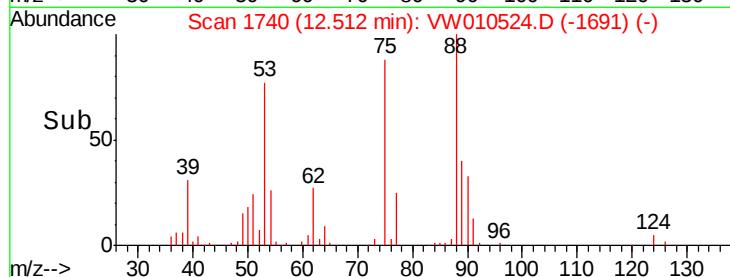
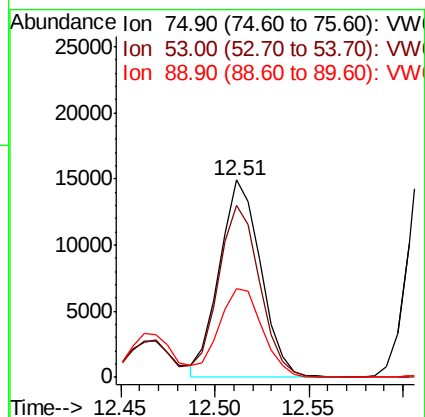
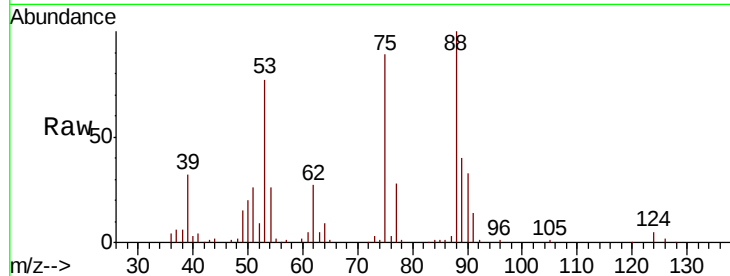
Tot Ion: 75 Resp: 22792

Ion Ratio Lower Upper

75 100

53 88.4 69.8 104.8

89 47.7 39.5 59.3



#82

4-Chlorotoluene

Concen: 56.299 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010524.D

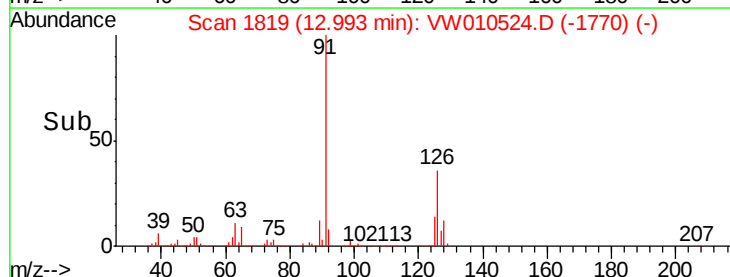
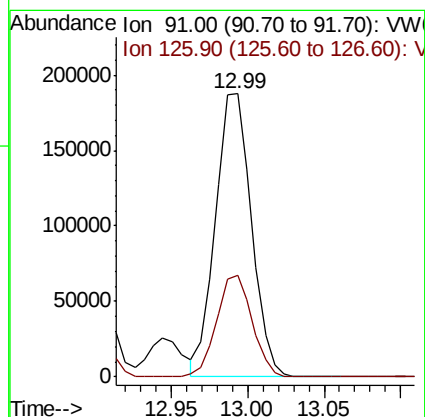
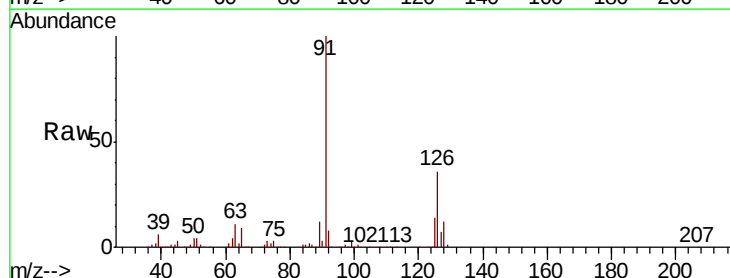
Acq: 23 May 2019 12:22

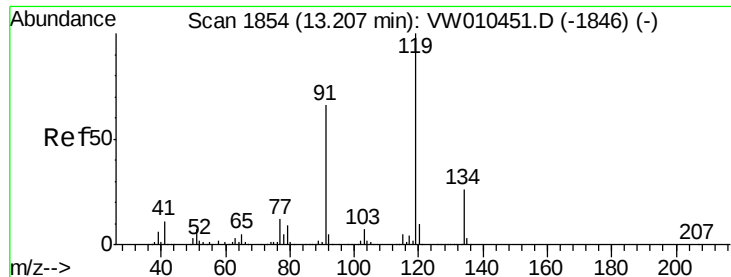
Tgt Ion: 91 Resp: 306375

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.6

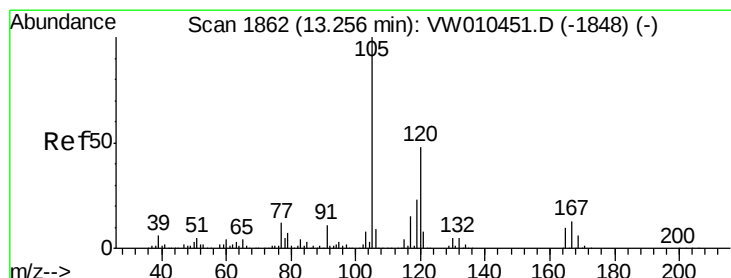
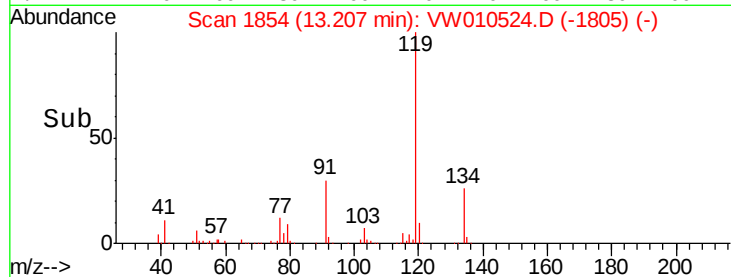
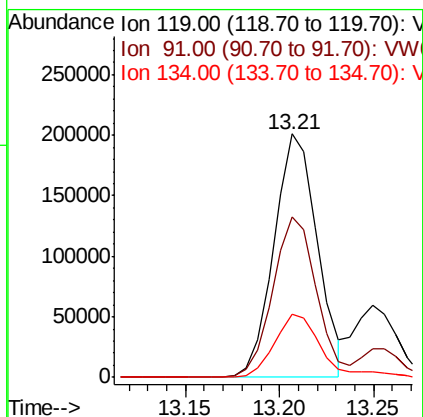
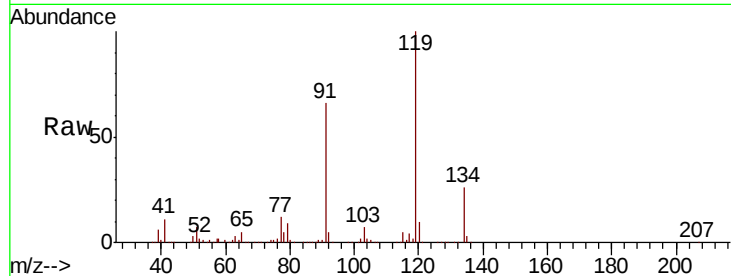




#83
tert-Butylbenzene
Concen: 55.929 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

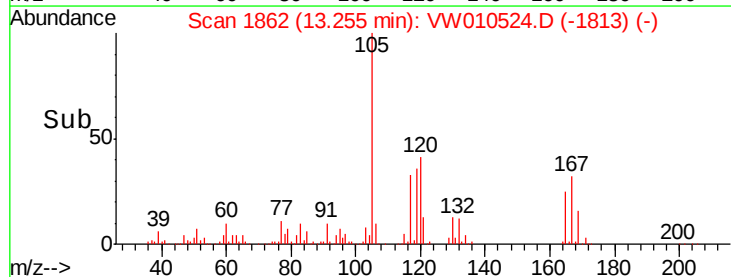
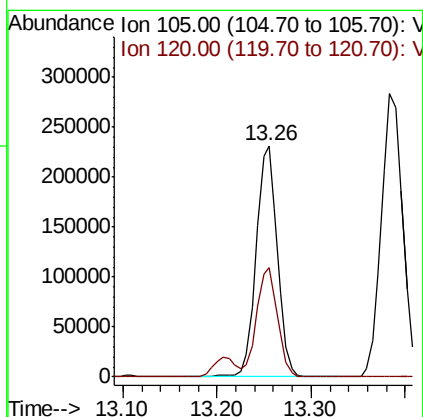
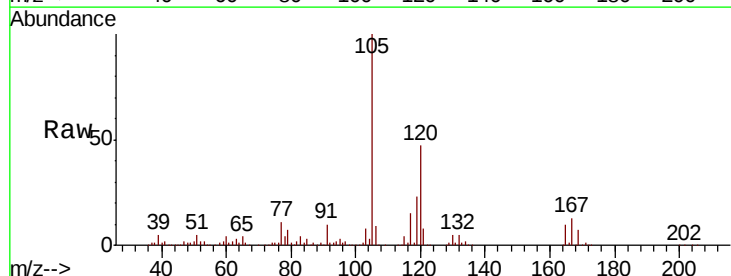
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

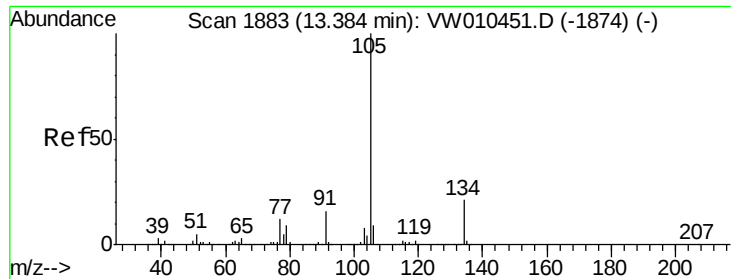
Tot Ion:119 Resp: 320992
Ion Ratio Lower Upper
119 100
91 66.5 33.1 99.5
134 28.0 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 55.904 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion:105 Resp: 365831
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2





#85

sec-Butylbenzene

Concen: 55.597 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

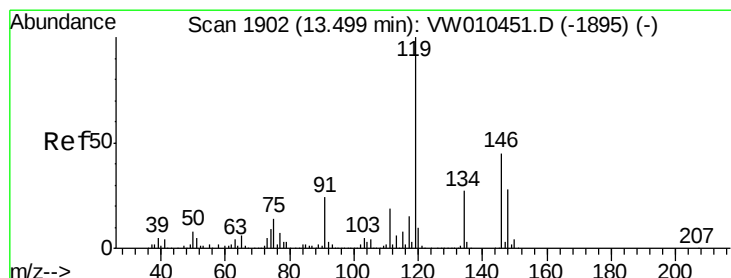
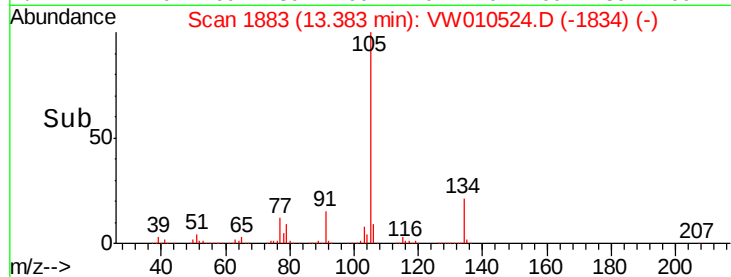
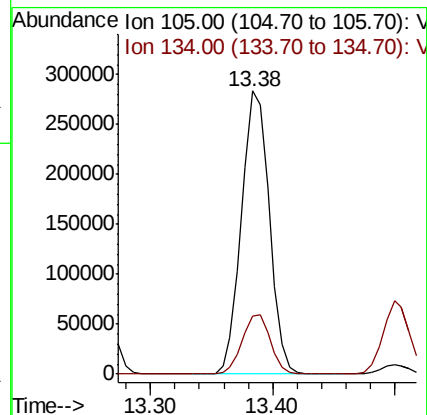
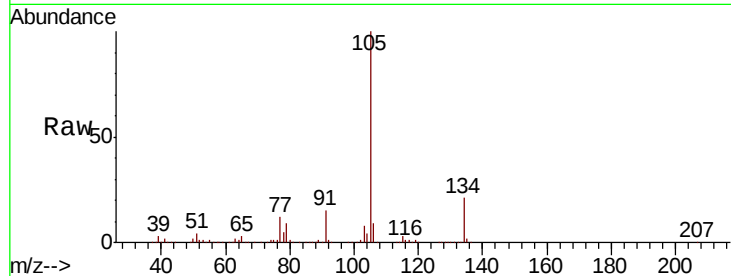
VSTDCCC050

Tot Ion:105 Resp: 446543

Ion Ratio Lower Upper

105 100

134 21.4 10.5 31.6



#86

p-Isopropyltoluene

Concen: 55.312 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

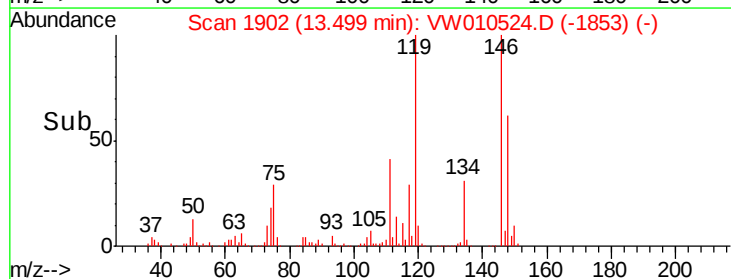
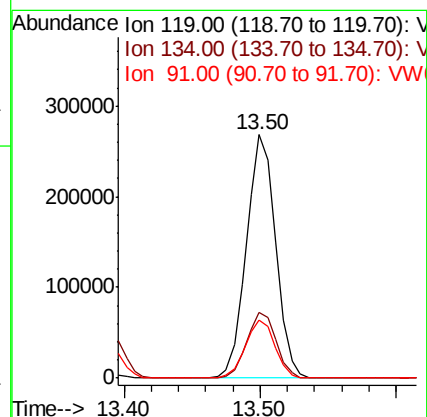
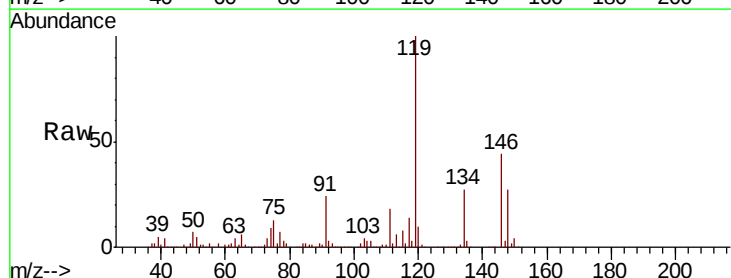
Tgt Ion:119 Resp: 402108

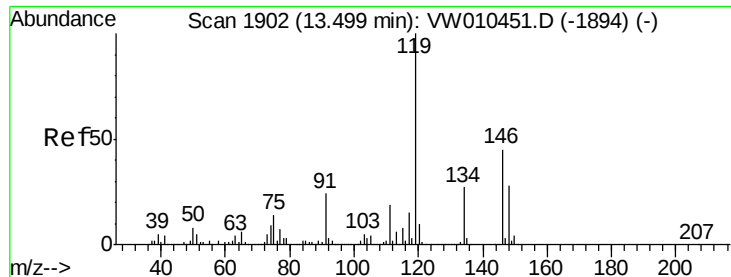
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 23.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 56.356 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

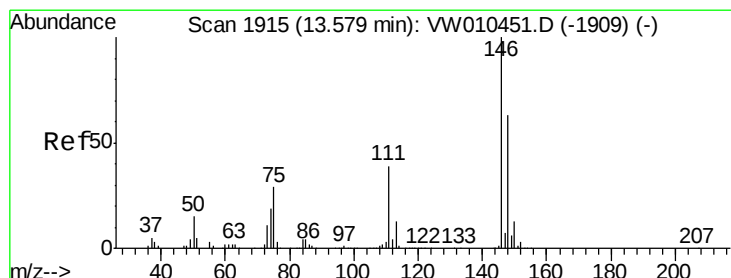
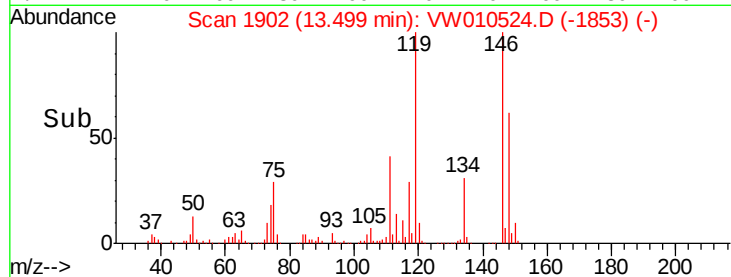
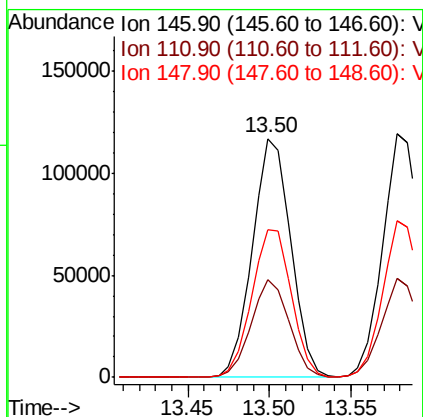
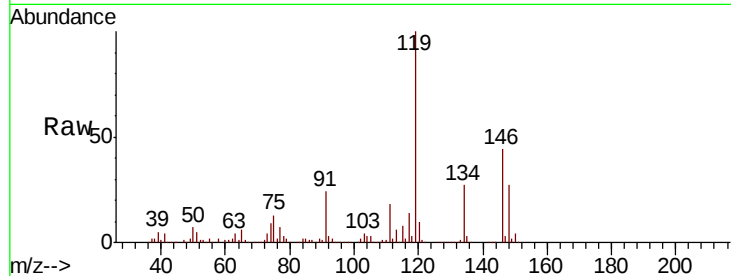
Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 191951

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	63.6	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 56.451 ug/l

RT: 13.58 min Scan# 1915

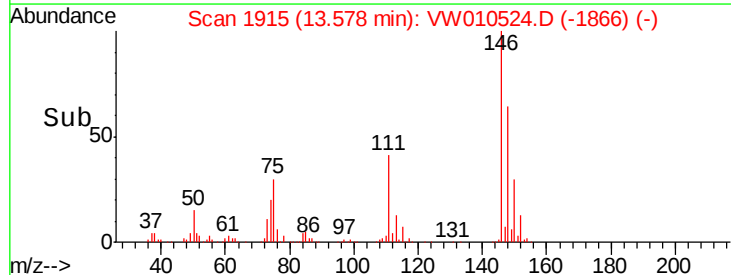
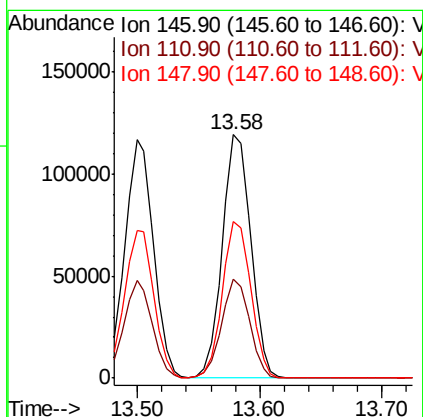
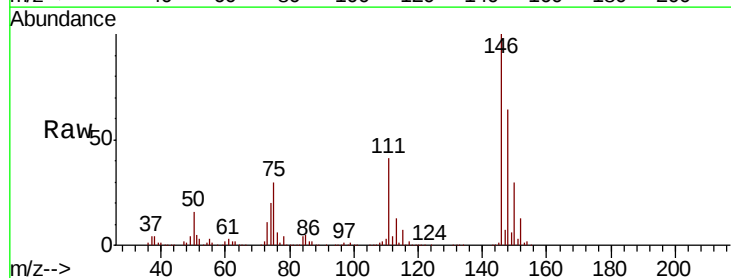
Delta R.T. -0.00 min

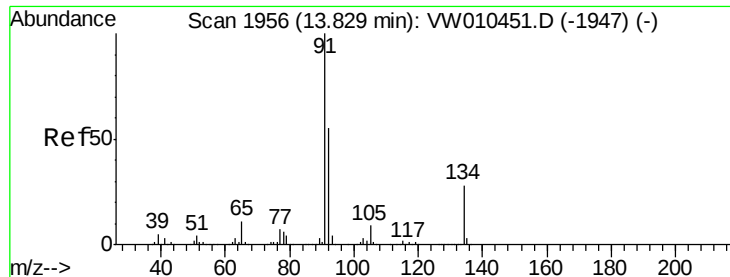
Lab File: VW010524.D

Acq: 23 May 2019 12:22

Tgt Ion:146 Resp: 192911

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	64.0	31.6	94.8





#89

n-Butylbenzene

Concen: 54.036 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

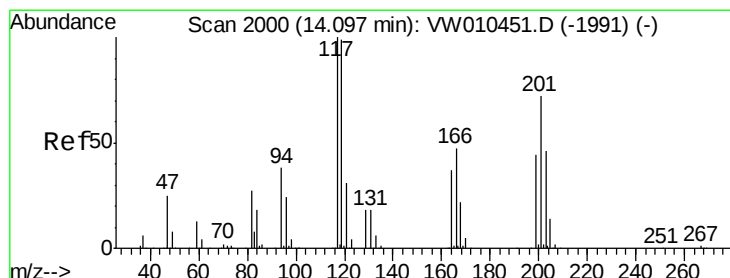
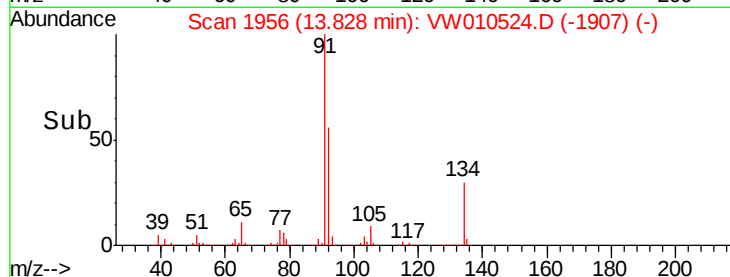
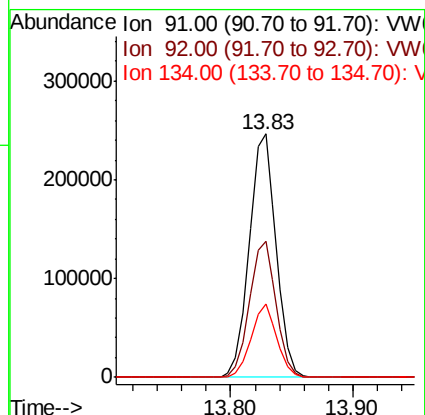
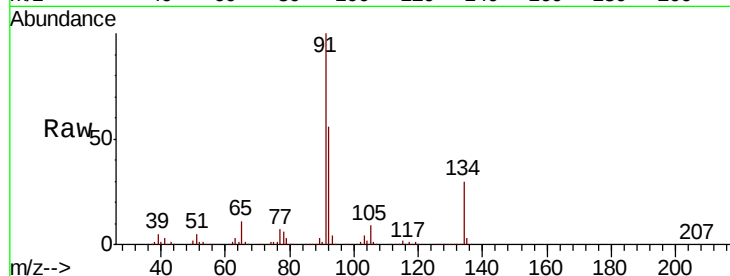
Tot Ion: 91 Resp: 373656

Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.7	83.1
134	28.9	13.9	41.6

91 100

92 55.5 27.7 83.1

134 28.9 13.9 41.6



#90

Hexachloroethane

Concen: 56.381 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010524.D

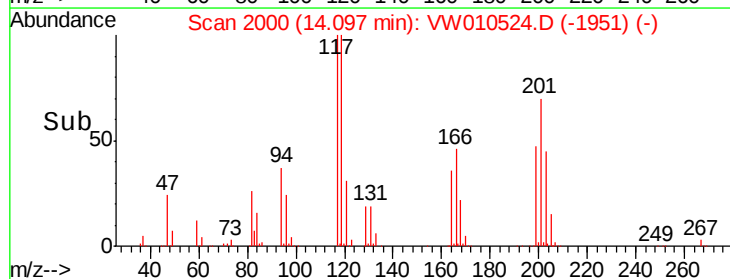
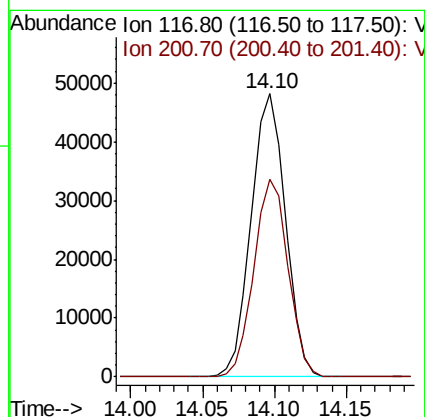
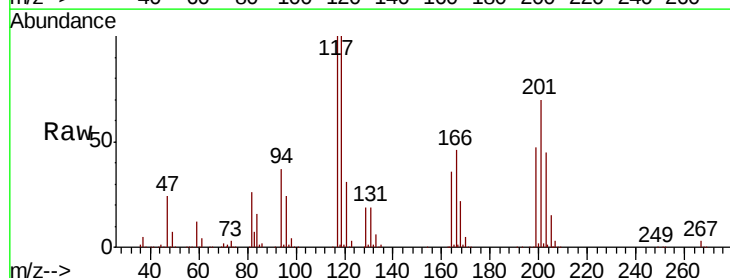
Acq: 23 May 2019 12:22

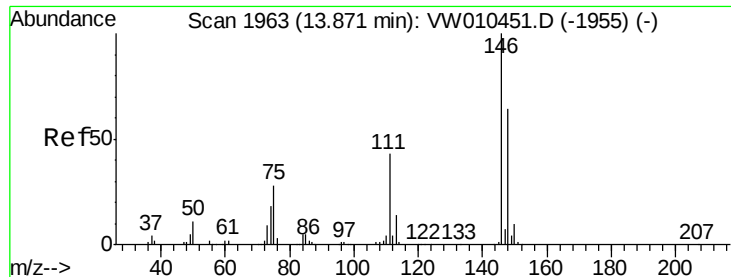
Tgt Ion: 117 Resp: 79335

Ion	Ratio	Lower	Upper
117	100		
201	69.4	34.6	103.8

117 100

201 69.4 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 55.705 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

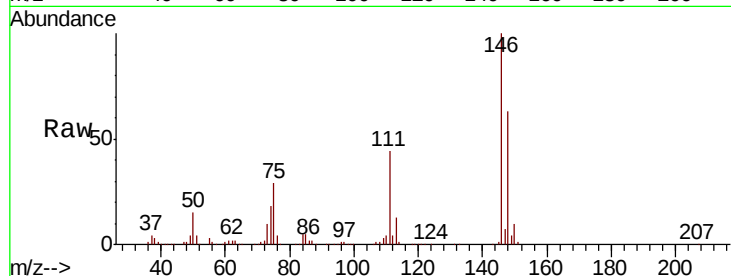
Tot Ion:146 Resp: 172878

Ion Ratio Lower Upper

146 100

111 42.6 21.3 64.0

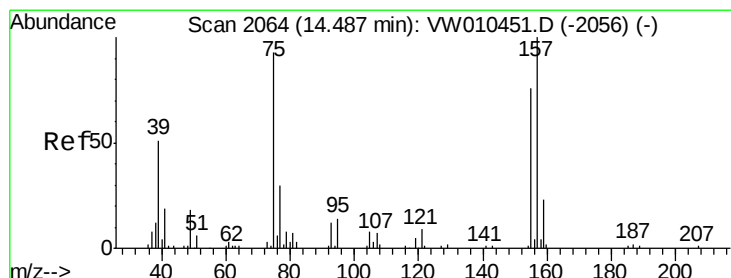
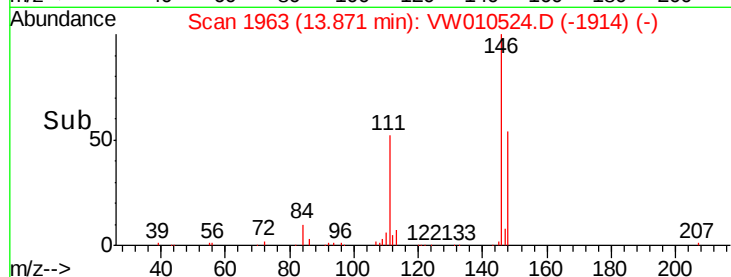
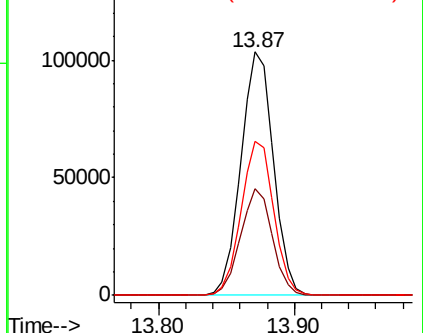
148 63.4 32.0 96.0



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: 43.068 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010524.D

Acq: 23 May 2019 12:22

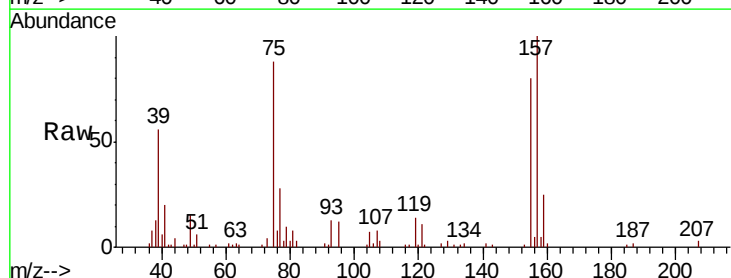
Tgt Ion: 75 Resp: 11300

Ion Ratio Lower Upper

75 100

155 88.1 43.0 129.0

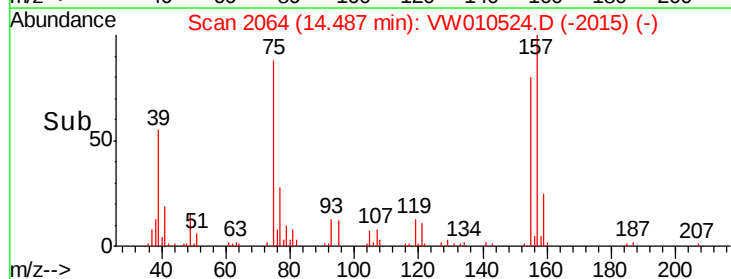
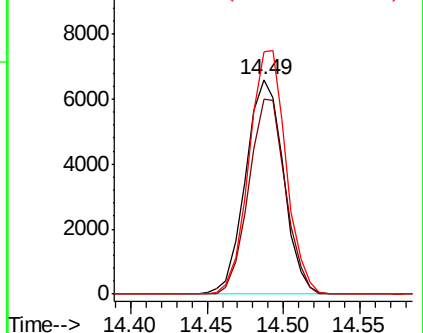
157 111.3 55.7 167.1

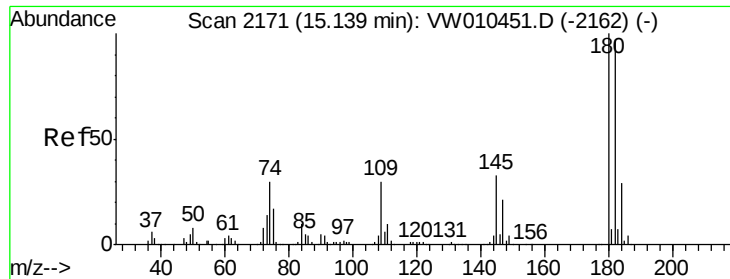


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

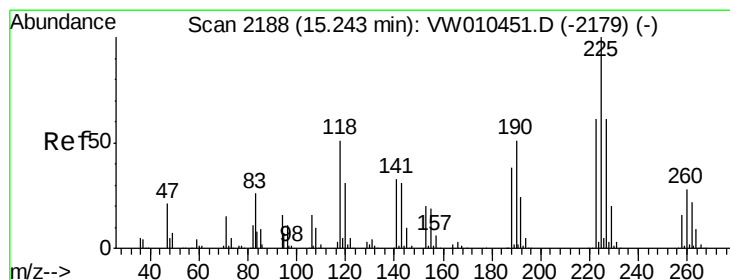
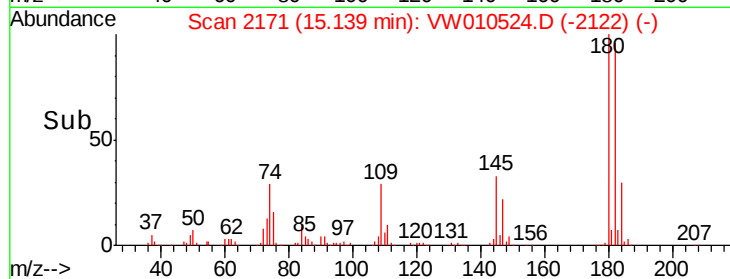
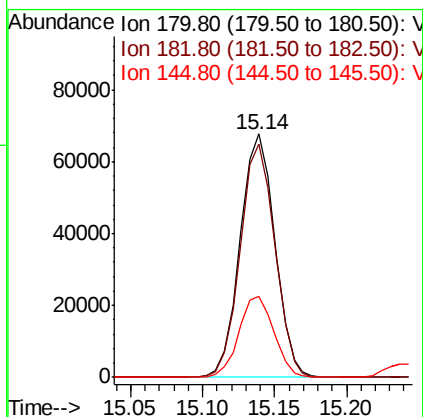
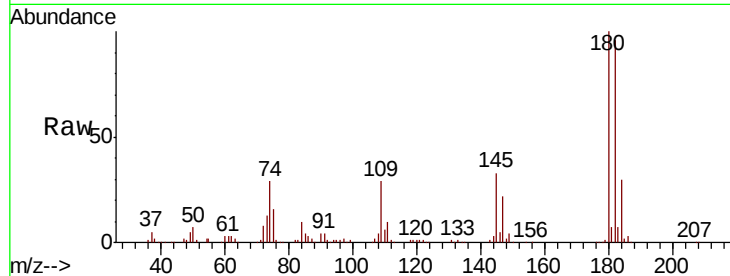




#93
 1,2,4-Trichlorobenzene
 Concen: 53.500 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

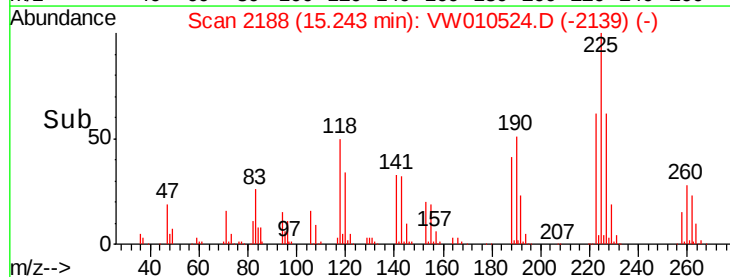
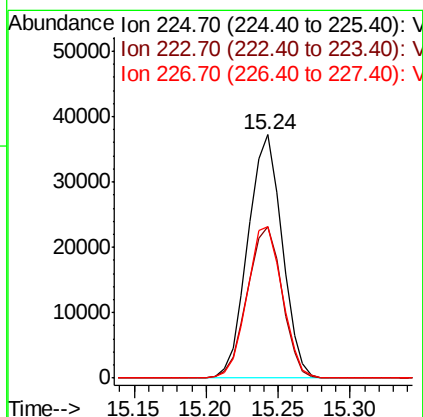
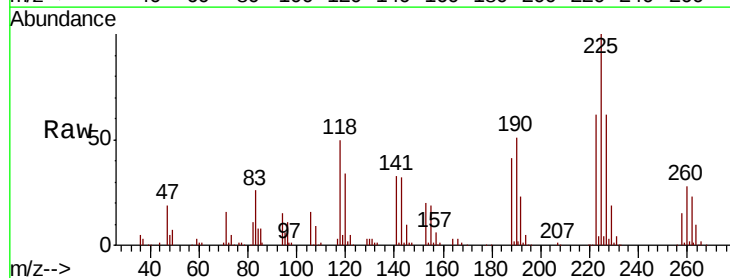
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

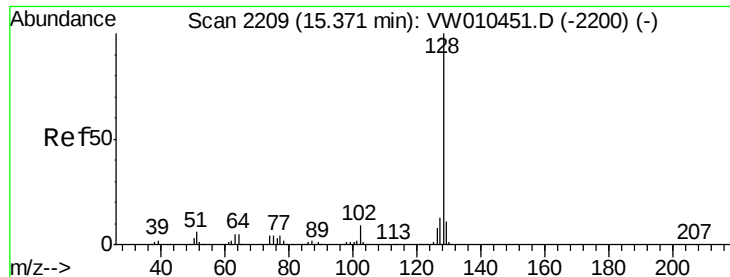
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.0	141.2
145	33.6	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 54.216 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010524.D
 Acq: 23 May 2019 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	63.7	31.1	93.5

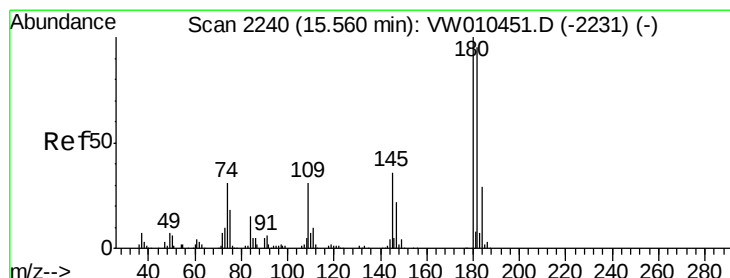
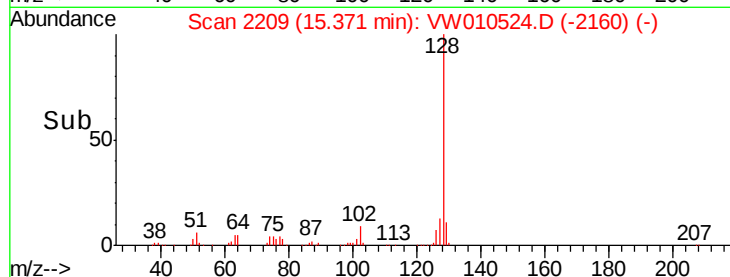
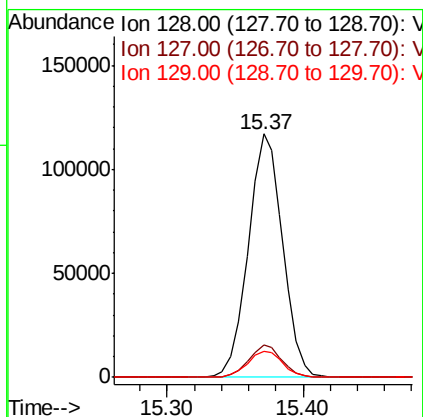
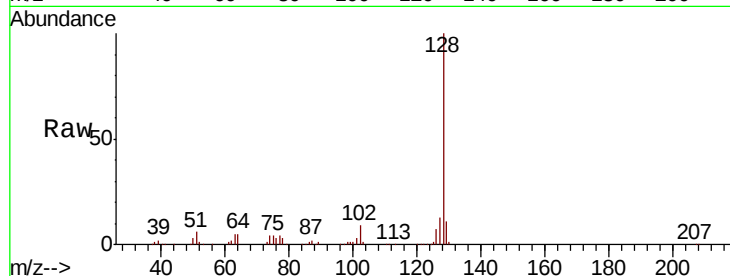




#95
Naphthalene
Concen: 46.662 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.489 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010524.D
Acq: 23 May 2019 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.3
145	35.8	17.4	52.3

