

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010475.D
 Acq On : 21 May 2019 05:00
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 06:52:07 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	130139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	250670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	228628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81059	60.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.70%	
35) Dibromofluoromethane	7.88	113	81416	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.32	98	293394	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	116311	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	49645	42.779	ug/l	98
3) Chloromethane	2.21	50	62775	45.910	ug/l	100
4) Vinyl Chloride	2.35	62	66864	42.217	ug/l	99
5) Bromomethane	2.75	94	54233	49.774	ug/l	95
6) Chloroethane	2.90	64	49241	48.431	ug/l	99
7) Trichlorofluoromethane	3.25	101	108597	46.443	ug/l	98
8) Diethyl Ether	3.68	74	44704	60.311	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	66359	46.082	ug/l	100
10) Methyl Iodide	4.26	142	81214	49.342	ug/l	99
11) Tert butyl alcohol	5.16	59	37759	312.510	ug/l	100
12) 1,1-Dichloroethene	4.03	96	65795	47.865	ug/l	97
13) Acrolein	3.89	56	15919	223.770	ug/l	98
14) Allyl chloride	4.67	41	103834	52.185	ug/l	99
15) Acrylonitrile	5.36	53	92827	299.033	ug/l	98
16) Acetone	4.12	43	71926	262.323	ug/l	99
17) Carbon Disulfide	4.37	76	196440	47.911	ug/l	99
18) Methyl Acetate	4.67	43	45605	68.008	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	214047	61.081	ug/l	97
20) Methylene Chloride	4.91	84	82835	51.656	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	83835	53.171	ug/l	95
22) Diisopropyl ether	6.31	45	235540	57.732	ug/l	98
23) Vinyl Acetate	6.25	43	677675	278.066	ug/l	100
24) 1,1-Dichloroethane	6.21	63	136088	55.895	ug/l	99
25) 2-Butanone	7.17	43	115600	294.606	ug/l	99
26) 2,2-Dichloropropane	7.17	77	97241	41.929	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	98525	57.477	ug/l	96
28) Bromochloromethane	7.51	49	55388	63.540	ug/l	96
29) Tetrahydrofuran	7.52	42	80019	301.367	ug/l	99
30) Chloroform	7.68	83	150149	57.174	ug/l	99
31) Cyclohexane	7.95	56	109209	42.821	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	129937	51.767	ug/l	99
36) 1,1-Dichloropropene	8.08	75	105256	45.075	ug/l	99
37) Ethyl Acetate	7.25	43	53794	54.173	ug/l	99
38) Carbon Tetrachloride	8.06	117	112842	44.796	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	130027	41.562	ug/l	99
40) Benzene	8.32	78	326959	50.376	ug/l	98
41) Methacrylonitrile	7.48	41	32200	54.575	ug/l	97
42) 1,2-Dichloroethane	8.40	62	100823	54.352	ug/l	100
43) Isopropyl Acetate	8.42	43	107676	54.278	ug/l	99
44) Trichloroethene	9.09	130	94006	48.788	ug/l	97
45) 1,2-Dichloropropane	9.37	63	80076	51.949	ug/l	100
46) Dibromomethane	9.46	93	49472	54.880	ug/l	100
47) Bromodichloromethane	9.64	83	120191	53.056	ug/l	99
48) Methyl methacrylate	9.43	41	48043	52.936	ug/l	98
49) 1,4-Dioxane	9.45	88	16221	1101.521	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	270111	268.704	ug/l	100
52) Toluene	10.39	92	215612	49.467	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	115214	50.217	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	132827	50.693	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	71112	54.857	ug/l	98
56) Ethyl methacrylate	10.65	69	94410	52.807	ug/l	98
57) 1,3-Dichloropropane	10.93	76	118582	54.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	232442	293.530	ug/l	99
59) 2-Hexanone	10.97	43	185580	258.798	ug/l	99
60) Dibromochloromethane	11.13	129	89408	54.497	ug/l	100
61) 1,2-Dibromoethane	11.23	107	71845	54.712	ug/l	100
64) Tetrachloroethene	10.86	164	82698	51.889	ug/l	98
65) Chlorobenzene	11.66	112	239679	49.189	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	88499	50.702	ug/l	99
67) Ethyl Benzene	11.73	91	401737	46.699	ug/l	100
68) m/p-Xylenes	11.84	106	317077	93.969	ug/l	100
69) o-Xylene	12.16	106	153852	48.125	ug/l	99
70) Styrene	12.18	104	268505	49.500	ug/l	99
71) Bromoform	12.35	173	51250	53.319	ug/l #	98
73) Isopropylbenzene	12.47	105	394879	45.897	ug/l	100
74) N-amyl acetate	12.27	43	97731	49.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	82393	52.651	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	100311	91.147	ug/l	26
77) Bromobenzene	12.75	156	99210	51.529	ug/l	99
78) n-propylbenzene	12.80	91	450082	44.890	ug/l	100
79) 2-Chlorotoluene	12.90	91	276587	47.568	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	346065	47.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	24030	45.570	ug/l	99
82) 4-Chlorotoluene	12.99	91	289459	47.961	ug/l	99
83) tert-Butylbenzene	13.21	119	296626	46.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	345904	47.663	ug/l	100
85) sec-Butylbenzene	13.38	105	391488	43.951	ug/l	99
86) p-Isopropyltoluene	13.50	119	357752	44.373	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	181900	48.156	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	183454	48.406	ug/l	99
89) n-Butylbenzene	13.83	91	320699	41.819	ug/l	99
90) Hexachloroethane	14.10	117	73526	47.116	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	172795	50.205	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14368	49.378	ug/l	98

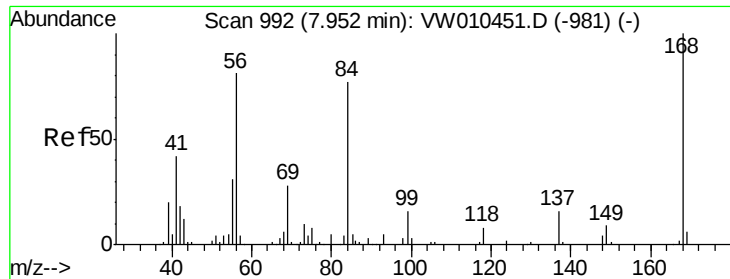
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105346	44.986	ug/l	100
94) Hexachlorobutadiene	15.24	225	51244	40.962	ug/l	98
95) Naphthalene	15.37	128	236216	48.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	90979	45.151	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

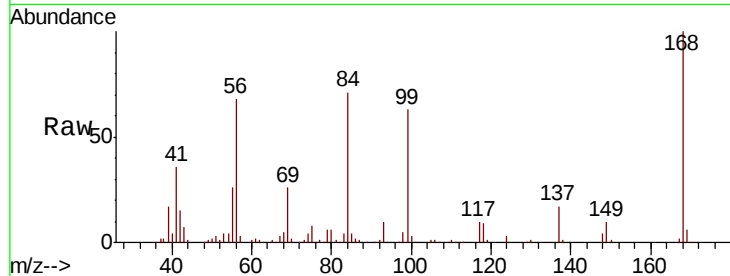
VSTDCCC050EC

Tot Ion:168 Resp: 130139

Ion Ratio Lower Upper

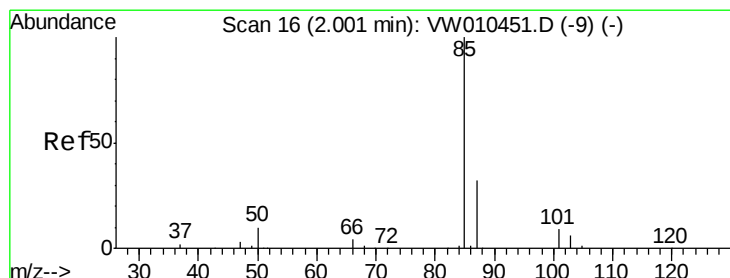
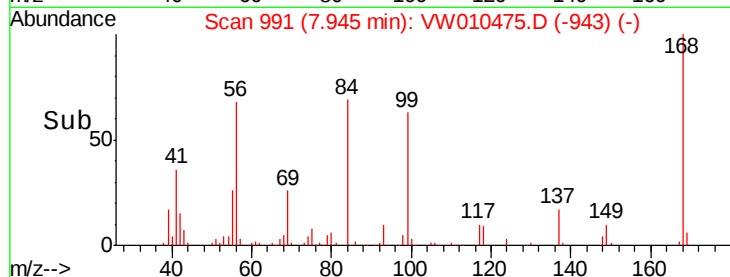
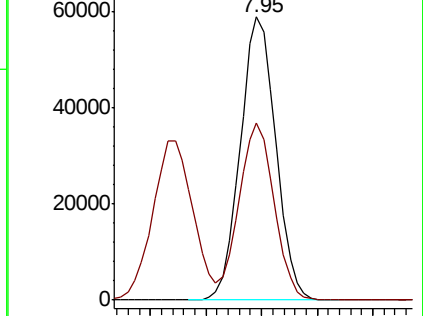
168 100

99 62.7 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: 42.779 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010475.D

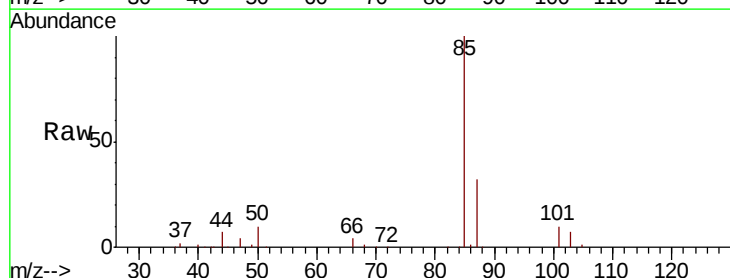
Acq: 21 May 2019 05:00

Tgt Ion: 85 Resp: 49645

Ion Ratio Lower Upper

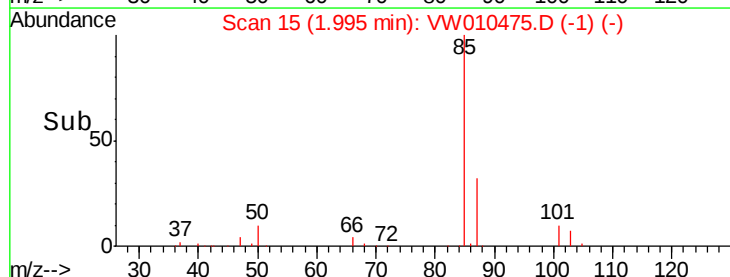
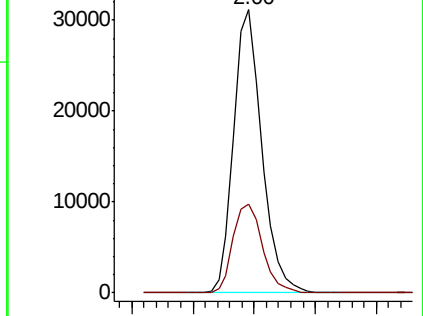
85 100

87 31.5 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: 45.910 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

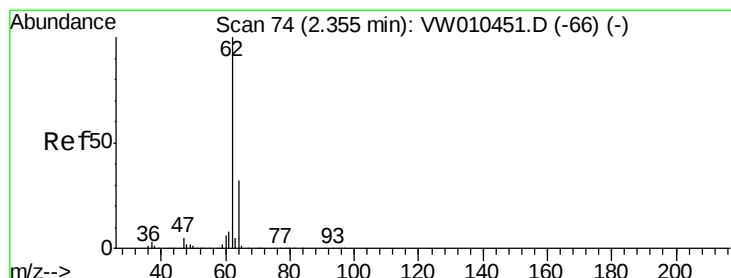
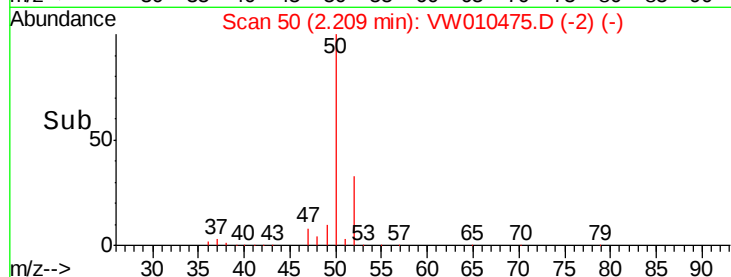
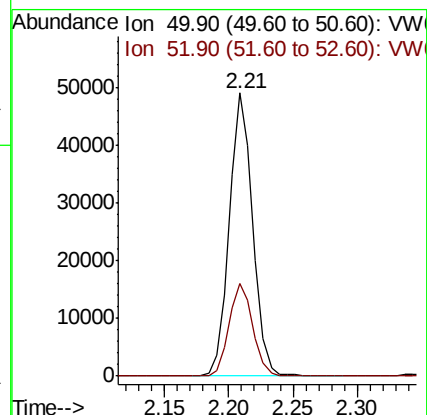
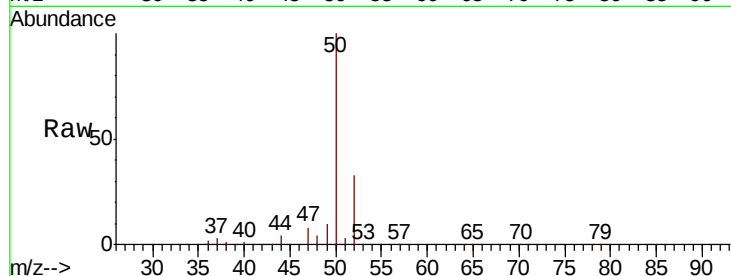
VSTDCCC050EC

Tot Ion: 50 Resp: 62775

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 42.217 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW010475.D

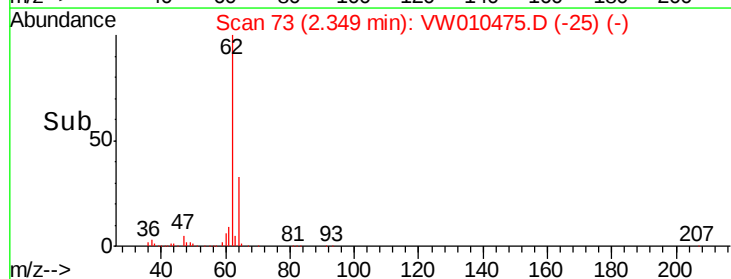
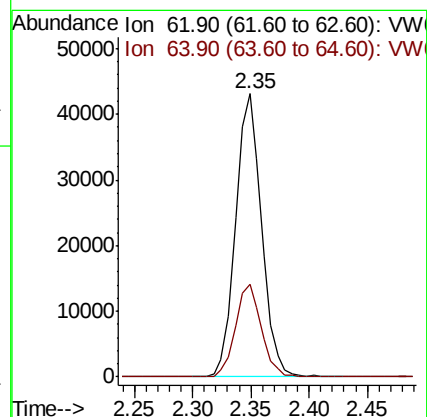
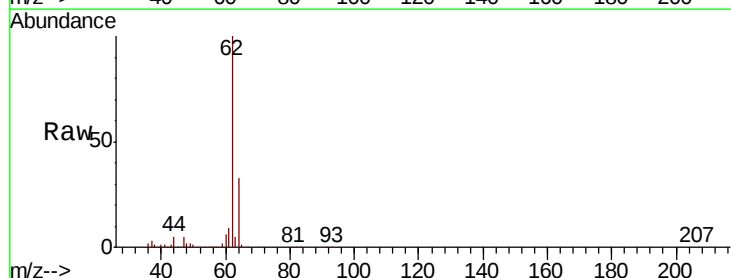
Acq: 21 May 2019 05:00

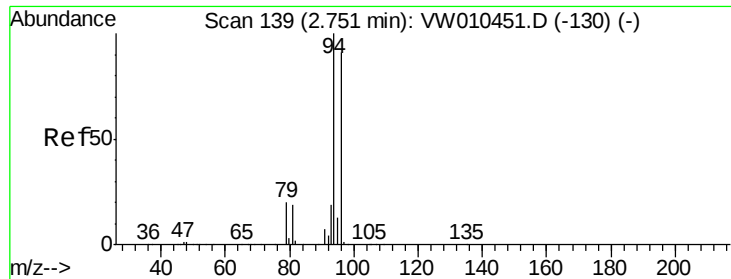
Tgt Ion: 62 Resp: 66864

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 49.774 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

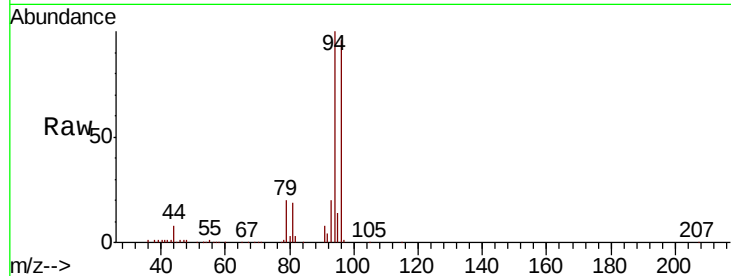
VSTDCCC050EC

Tot Ion: 94 Resp: 54233

Ion Ratio Lower Upper

94 100

96 95.6 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

25000

20000

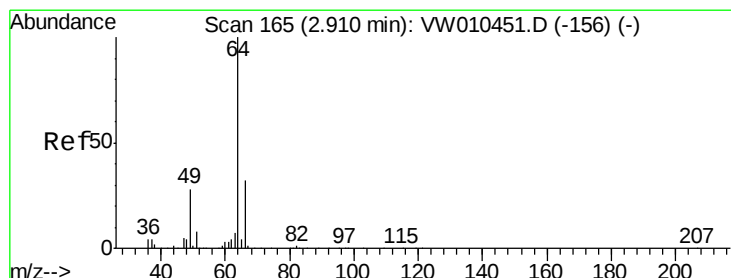
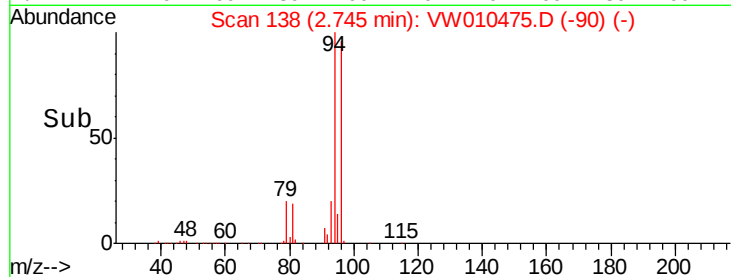
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 48.431 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010475.D

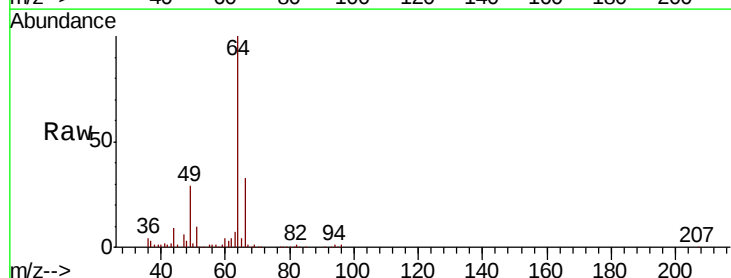
Acq: 21 May 2019 05:00

Tgt Ion: 64 Resp: 49241

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.90

25000

20000

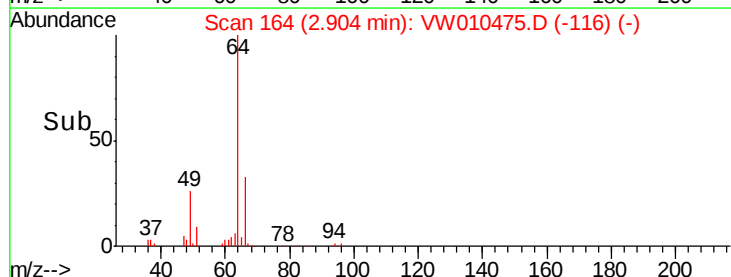
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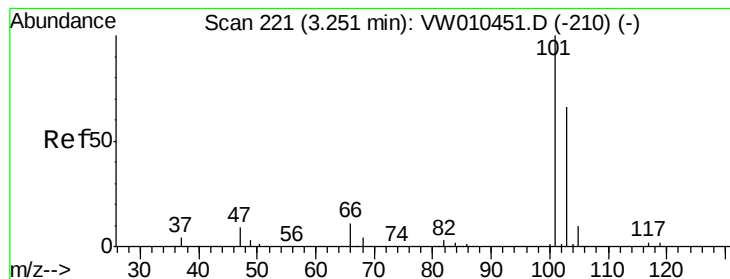
10000

5000

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Time-->



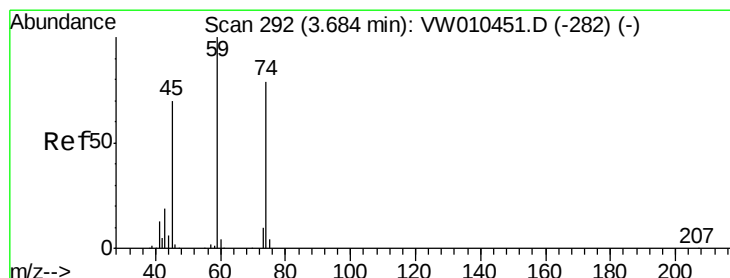
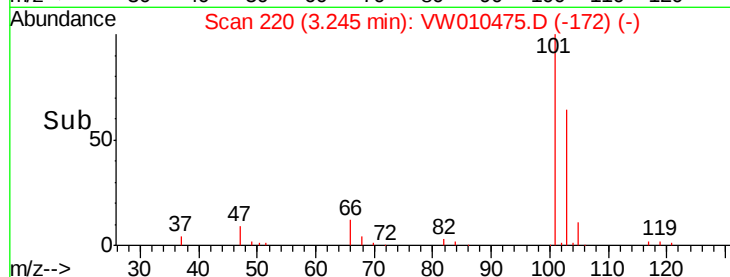
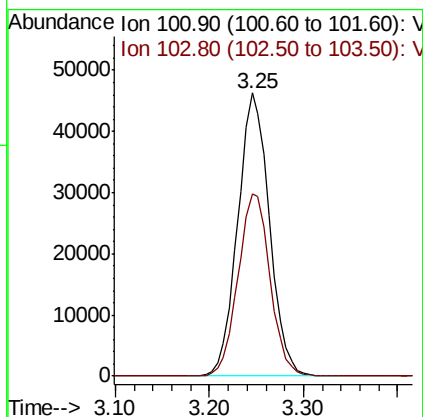
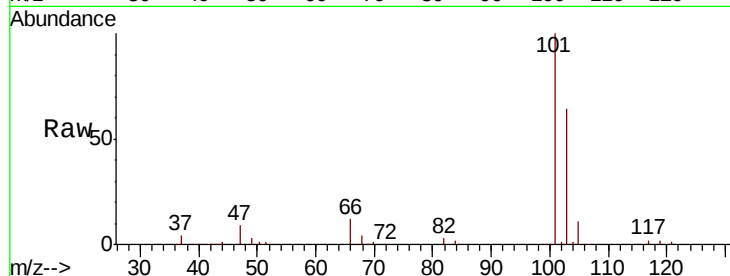


#7

Trichlorofluoromethane
 Concen: 46.443 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Instrument :
 MSVOA_W
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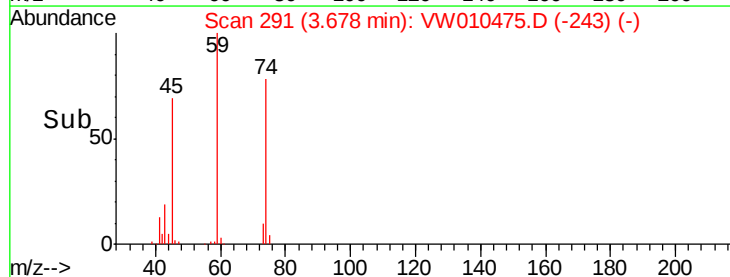
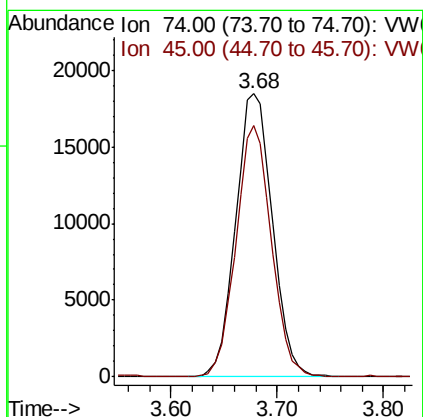
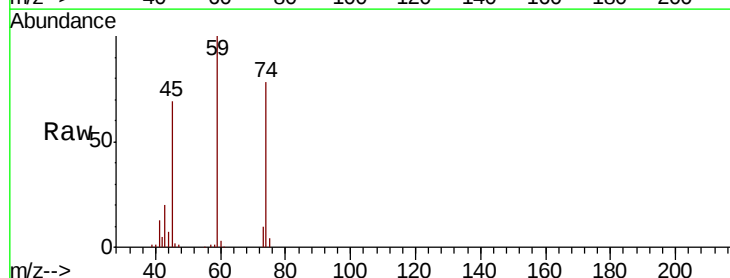
Tot Ion:101 Resp: 108597
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.0 79.4

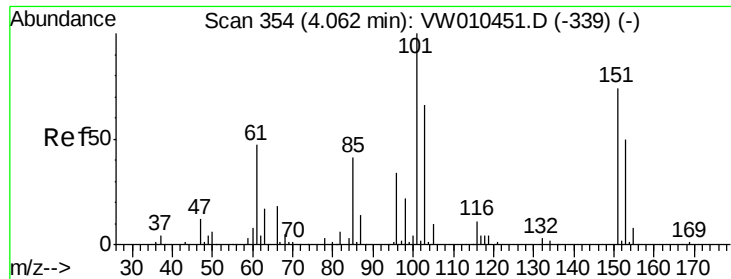


#8

Diethyl Ether
 Concen: 60.311 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 74 Resp: 44704
 Ion Ratio Lower Upper
 74 100
 45 85.6 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.082 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

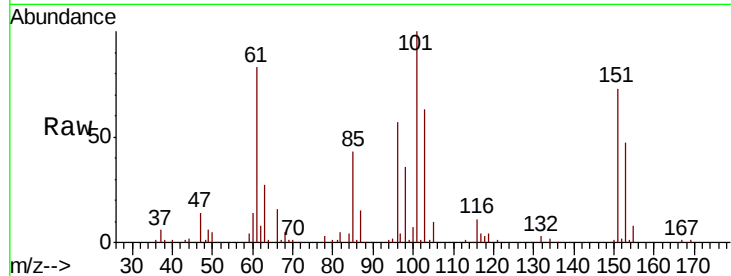
Tot Ion:101 Resp: 66359

Ion Ratio Lower Upper

101 100

85 43.1 34.3 51.5

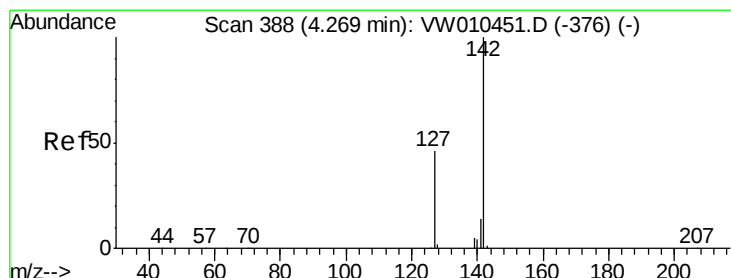
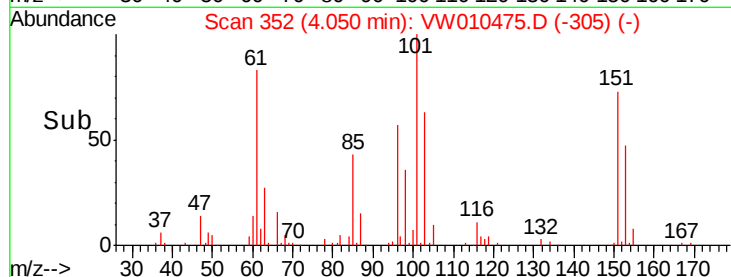
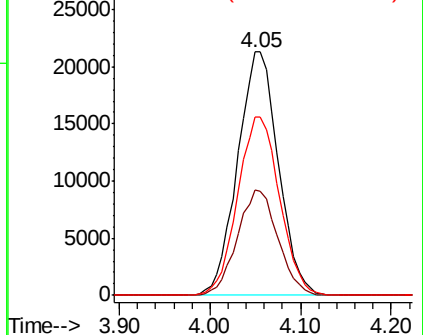
151 75.2 60.3 90.5



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: 49.342 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

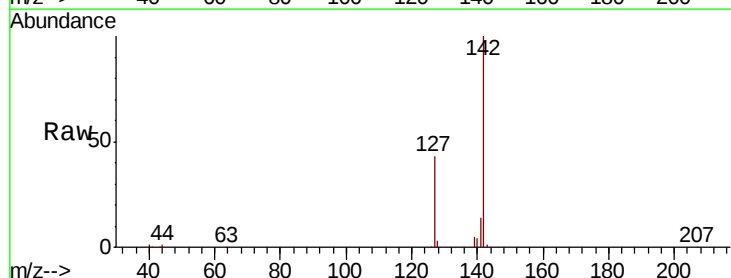
Tgt Ion:142 Resp: 81214

Ion Ratio Lower Upper

142 100

127 44.7 36.1 54.1

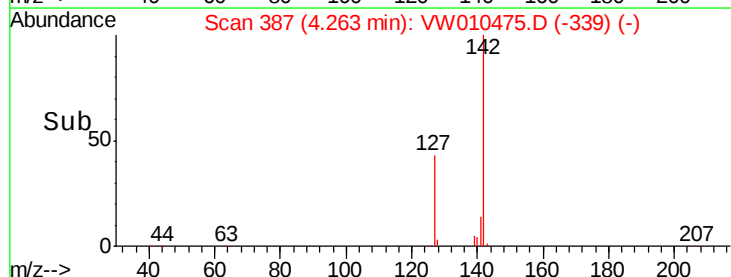
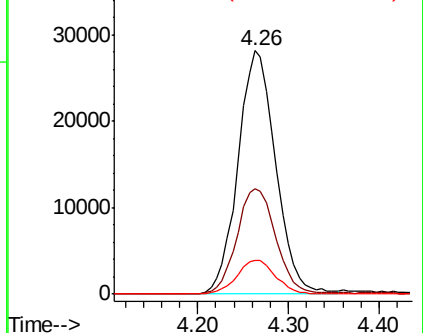
141 14.3 11.3 16.9

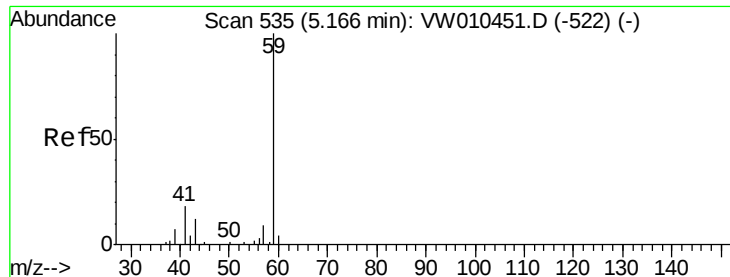


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

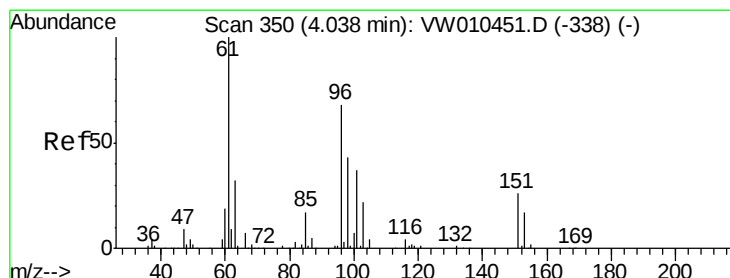
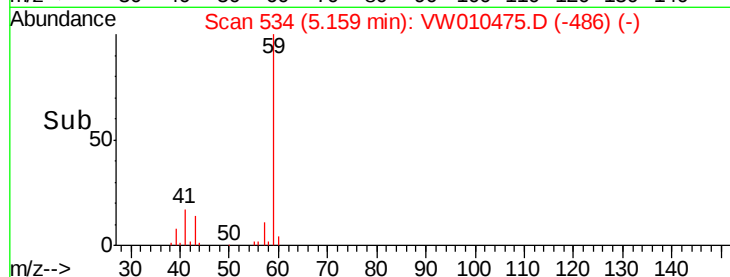
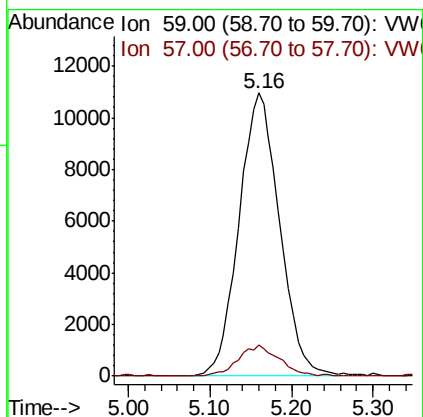
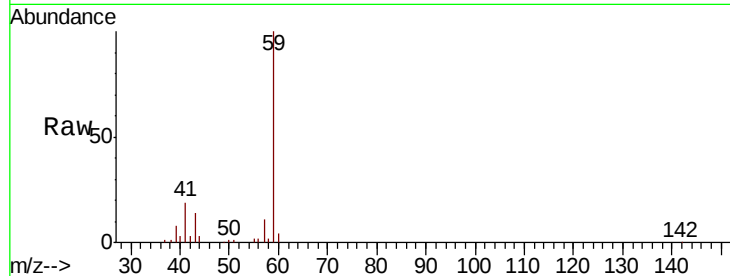




#11
Tert butyl alcohol
Concen: 312.510 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

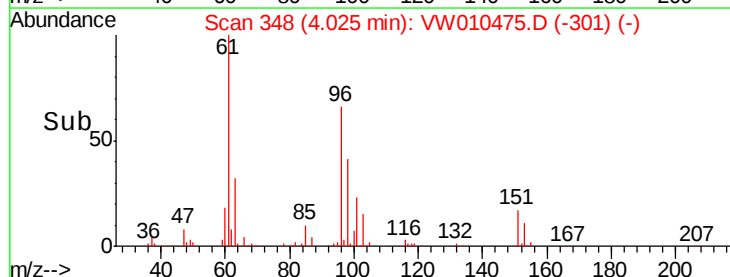
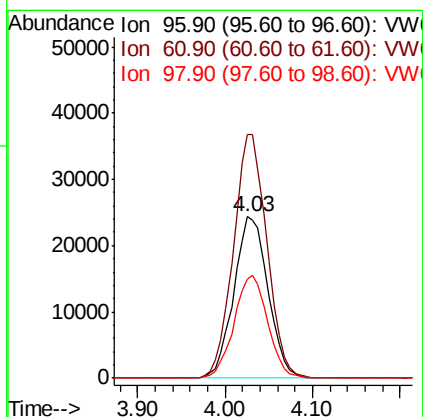
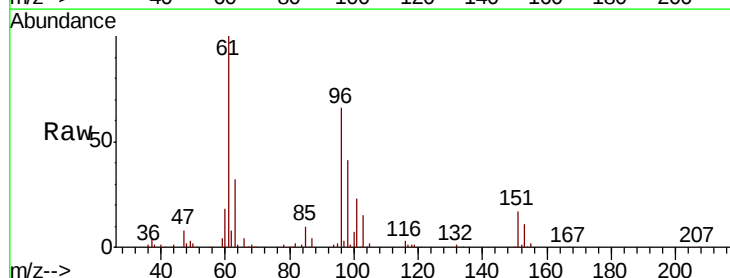
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

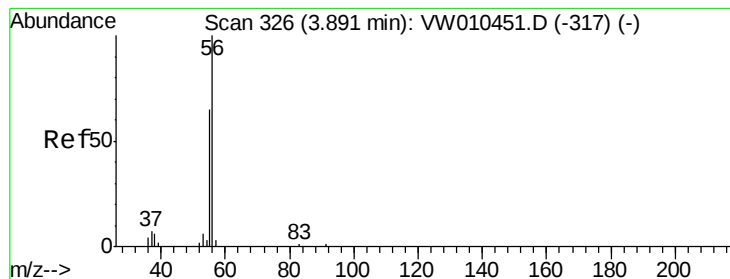
Tot Ion: 59 Resp: 37759
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 47.865 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 96 Resp: 65795
Ion Ratio Lower Upper
96 100
61 151.0 118.3 177.5
98 61.4 51.0 76.6





#13

Acrolein

Concen: 223.770 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

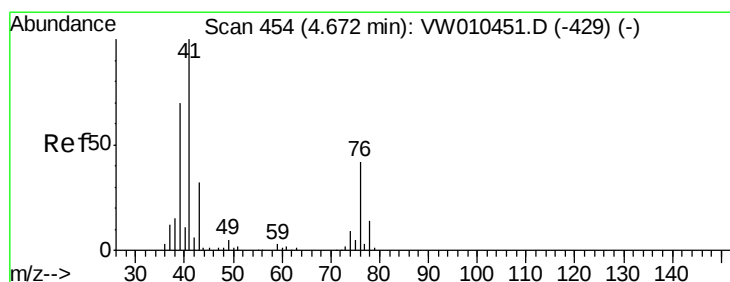
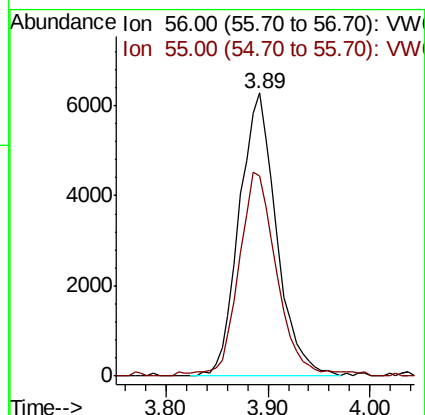
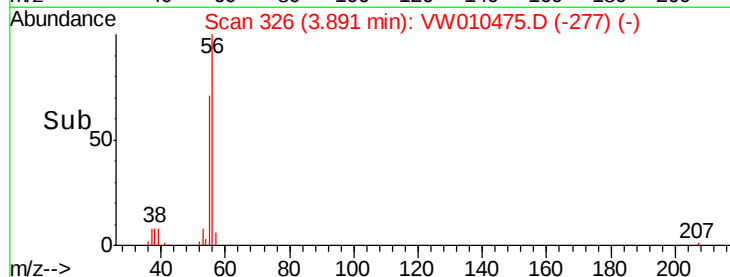
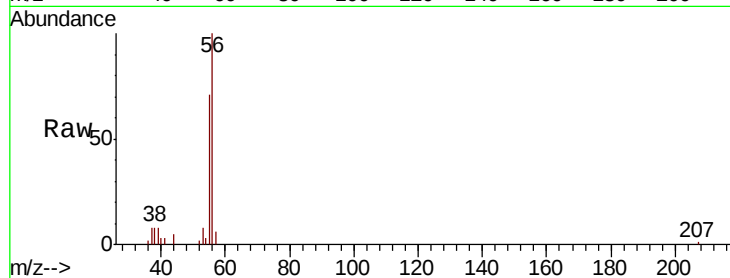
VSTDCCC050EC

Tot Ion: 56 Resp: 15919

Ion Ratio Lower Upper

56 100

55 74.2 57.9 86.9



#14

Allyl chloride

Concen: 52.185 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

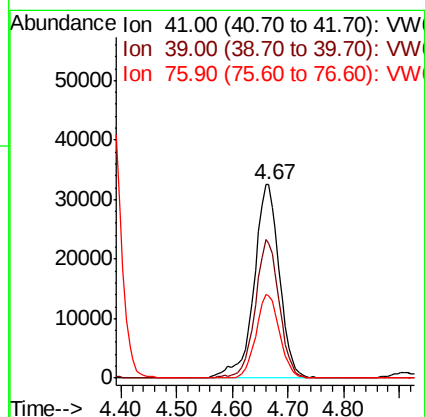
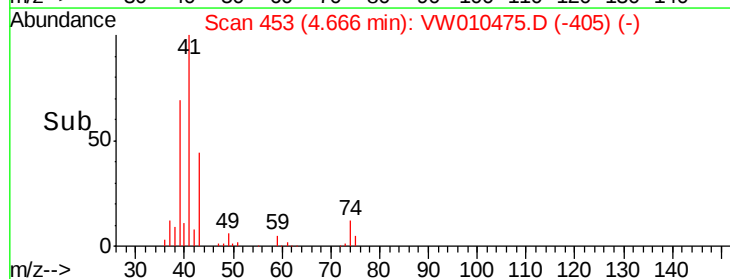
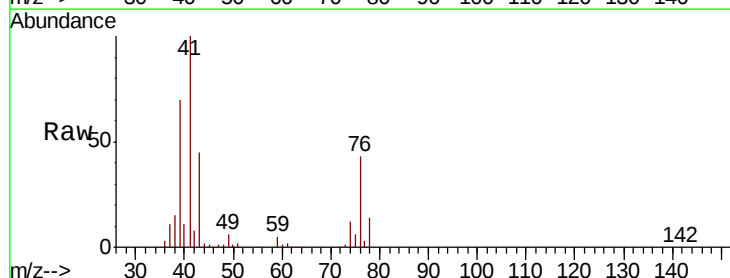
Tgt Ion: 41 Resp: 103834

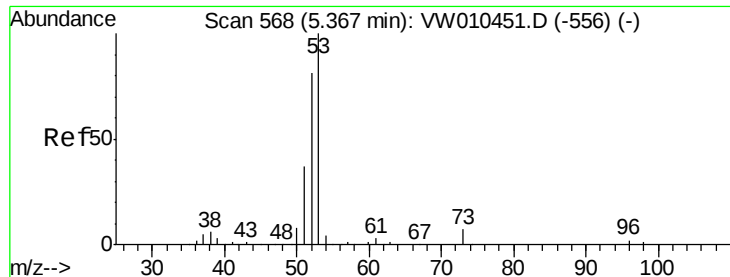
Ion Ratio Lower Upper

41 100

39 67.7 55.0 82.4

76 40.1 32.8 49.2





#15

Acrylonitrile

Concen: 299.033 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

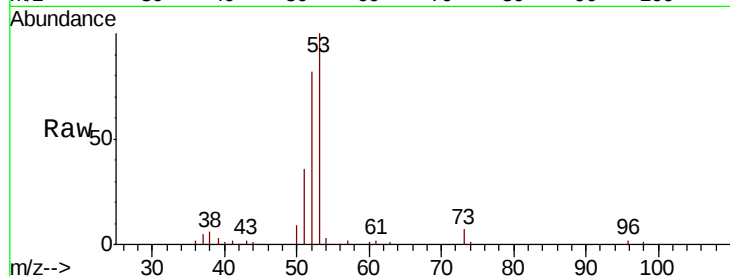
Tot Ion: 53 Resp: 92827

Ion Ratio Lower Upper

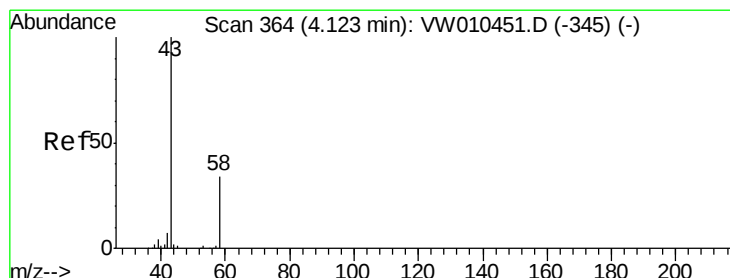
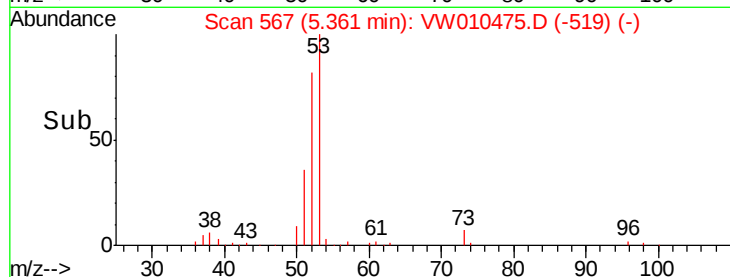
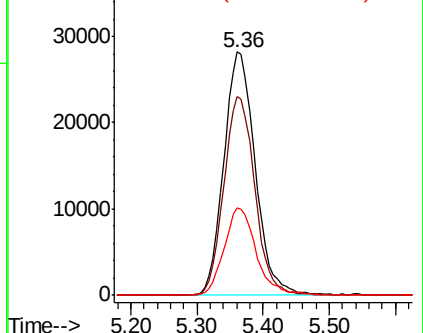
53 100

52 79.9 65.6 98.4

51 36.6 29.5 44.3



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



#16

Acetone

Concen: 262.323 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010475.D

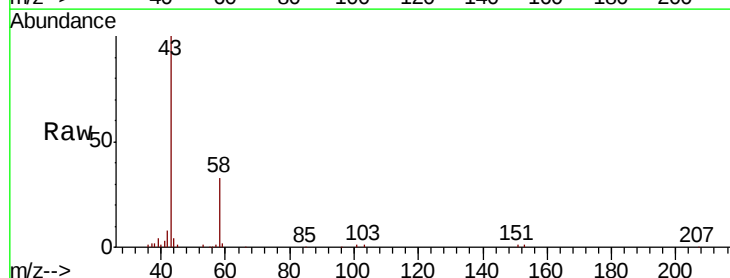
Acq: 21 May 2019 05:00

Tgt Ion: 43 Resp: 71926

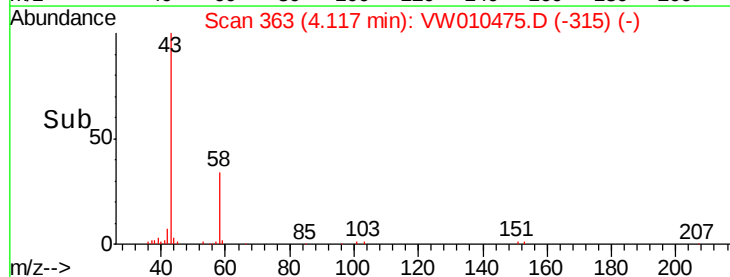
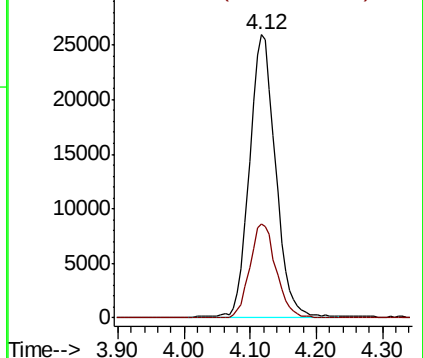
Ion Ratio Lower Upper

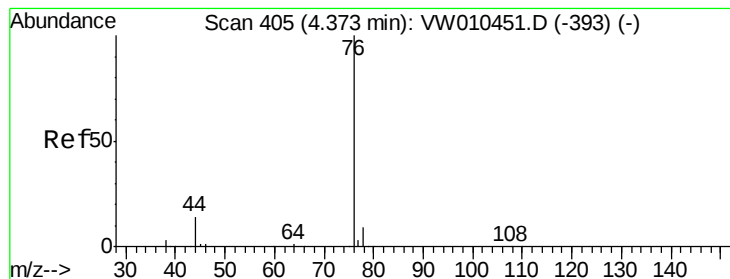
43 100

58 33.3 27.0 40.4



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





#17

Carbon Disulfide

Concen: 47.911 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

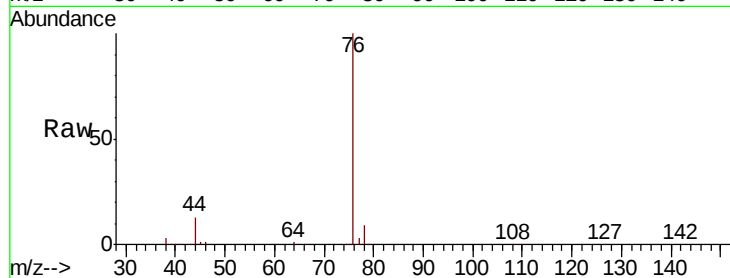
VSTDCCC050EC

Tot Ion: 76 Resp: 196440

Ion Ratio Lower Upper

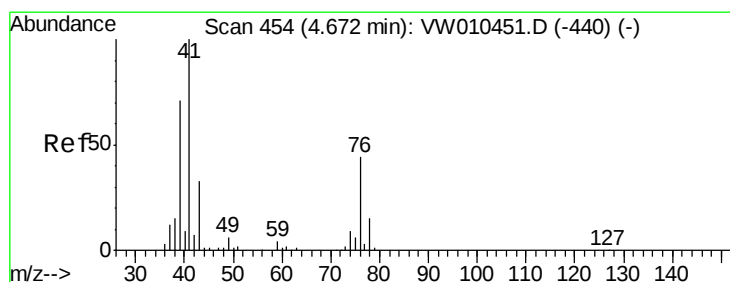
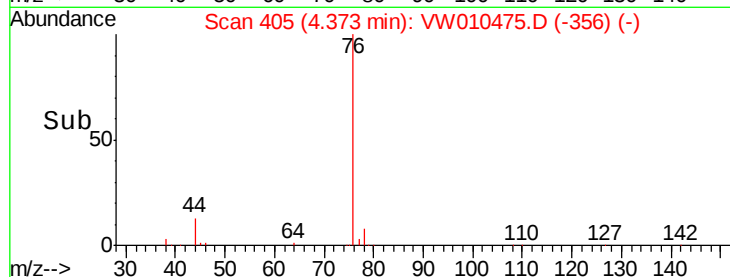
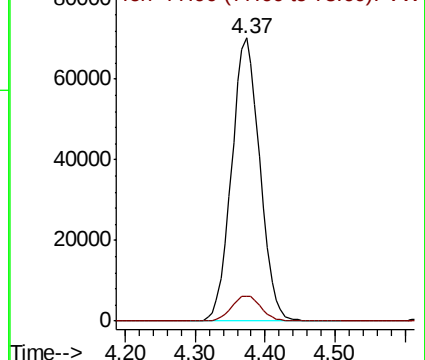
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 68.008 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010475.D

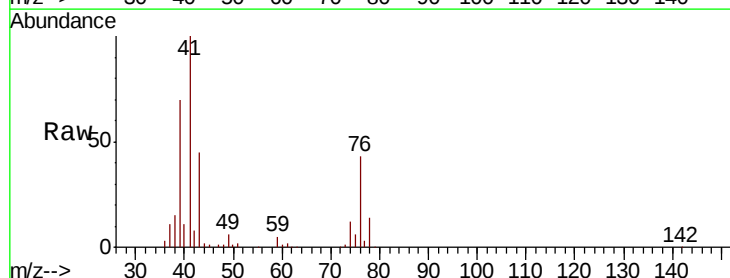
Acq: 21 May 2019 05:00

Tgt Ion: 43 Resp: 45605

Ion Ratio Lower Upper

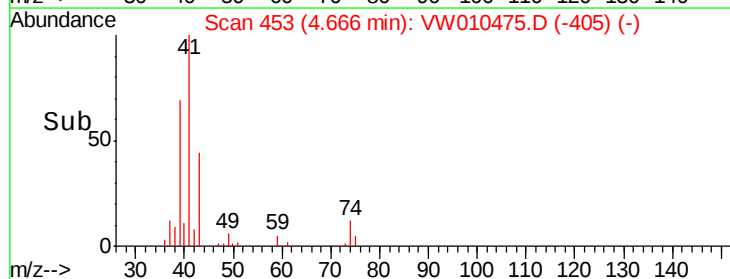
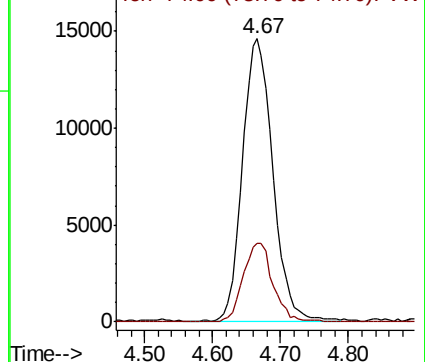
43 100

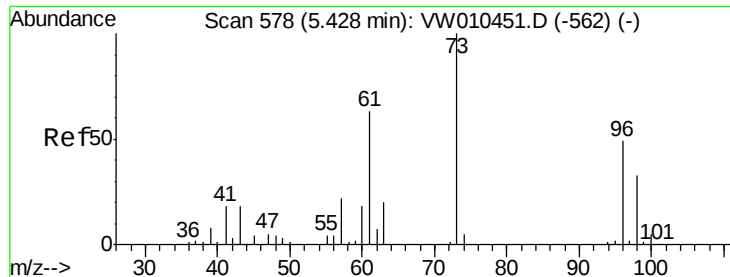
74 27.0 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

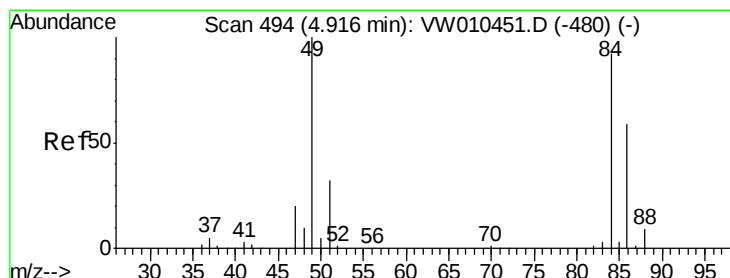
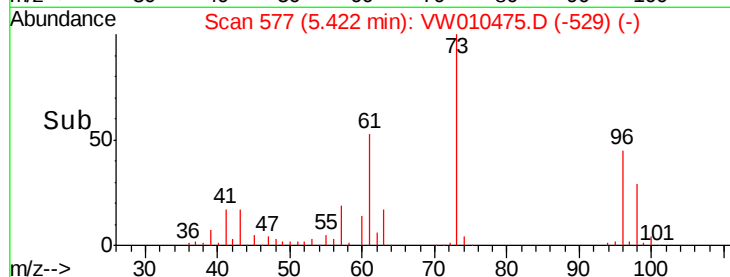
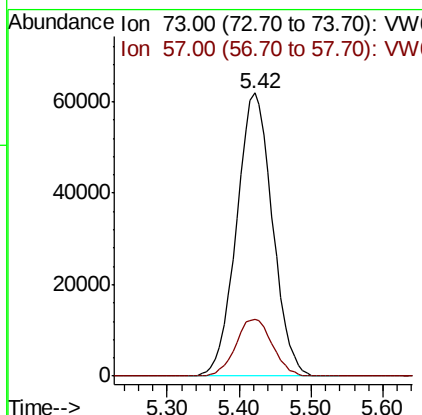
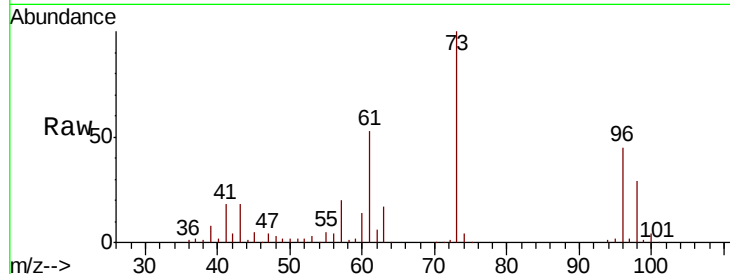




#19
Methyl tert-butyl Ether
Concen: 61.081 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

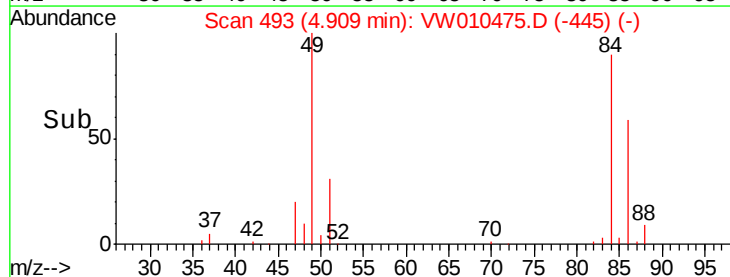
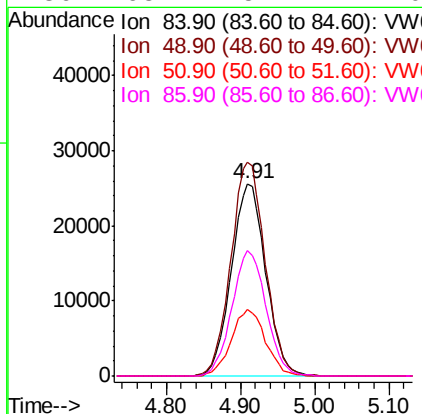
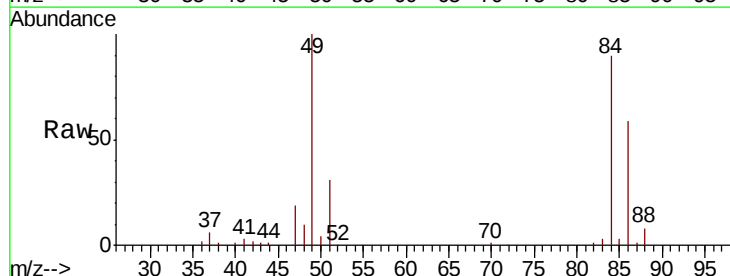
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

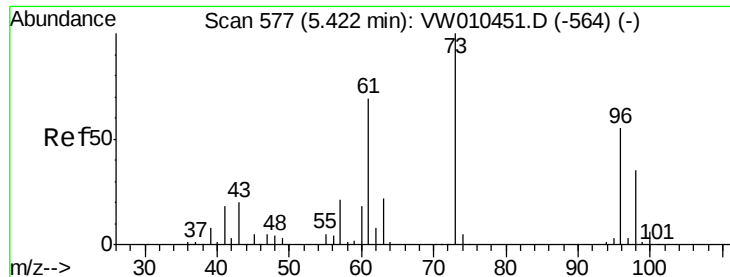
Tot Ion: 73 Resp: 214047
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0



#20
Methylene Chloride
Concen: 51.656 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 84 Resp: 82835
Ion Ratio Lower Upper
84 100
49 111.1 87.2 130.8
51 34.5 27.7 41.5
86 65.4 51.4 77.0

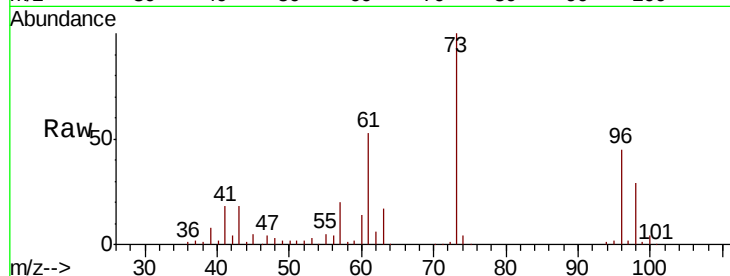




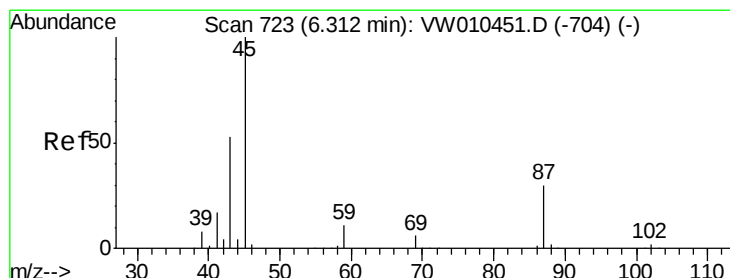
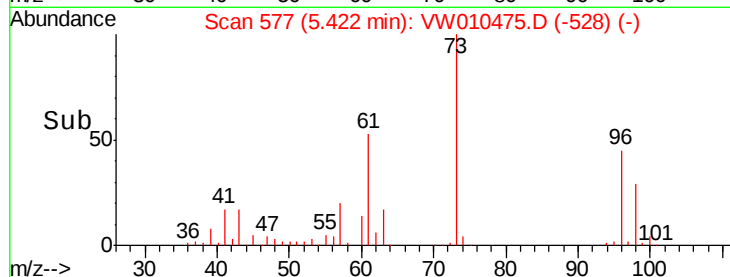
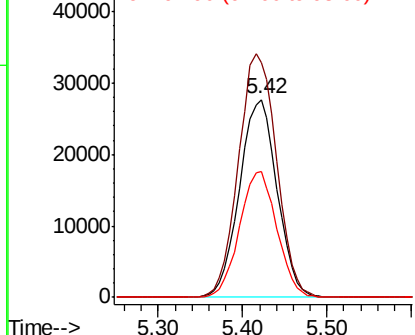
#21
trans-1,2-Dichloroethene
Concen: 53.171 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 83835
Ion Ratio Lower Upper
96 100
61 118.5 101.4 152.0
98 63.9 50.6 76.0

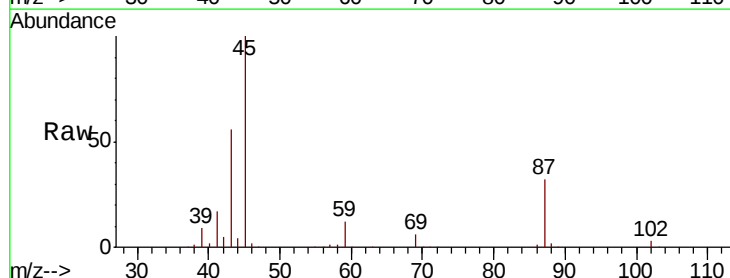


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

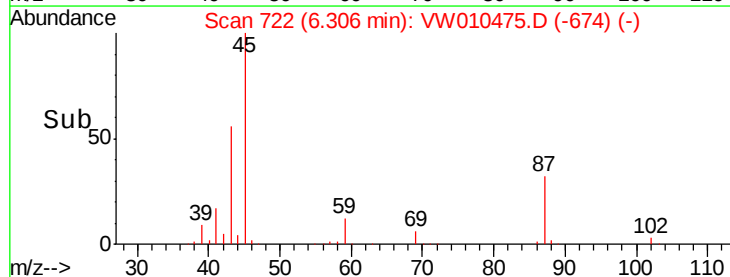
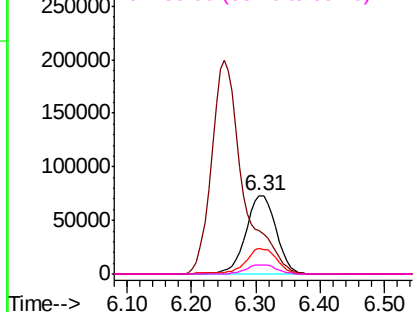


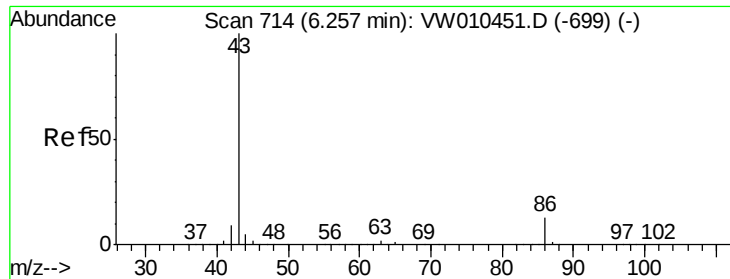
#22
Diisopropyl ether
Concen: 57.732 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 45 Resp: 235540
Ion Ratio Lower Upper
45 100
43 55.5 42.9 64.3
87 31.9 24.6 36.8
59 12.2 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

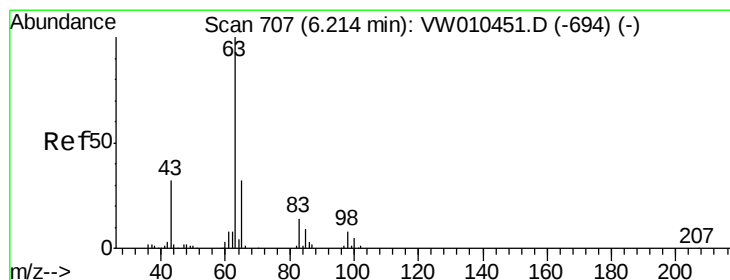
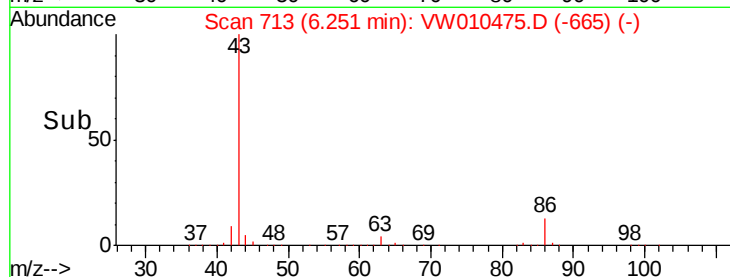
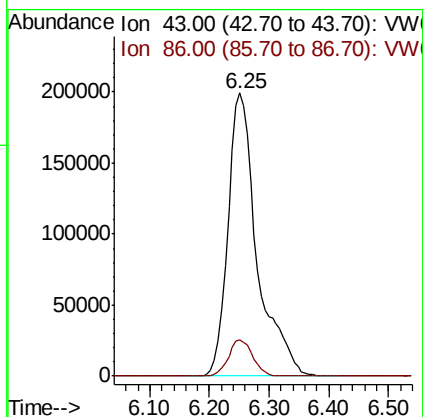
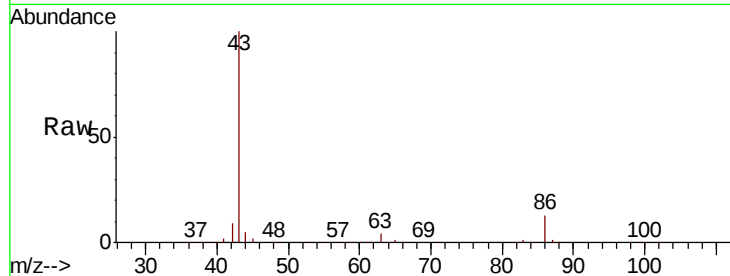




#23
 Vinyl Acetate
 Concen: 278.066 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

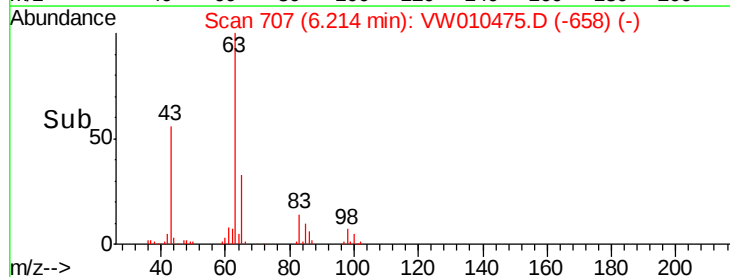
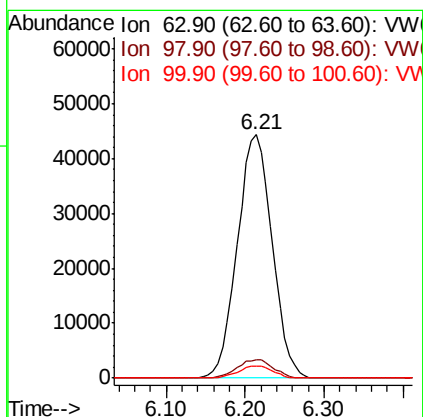
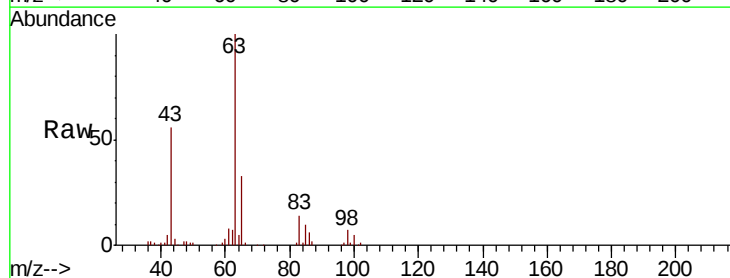
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

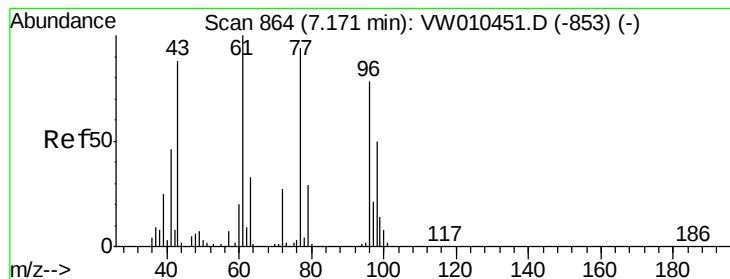
Tot Ion: 43 Resp: 677675
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 55.895 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 63 Resp: 136088
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 294.606 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

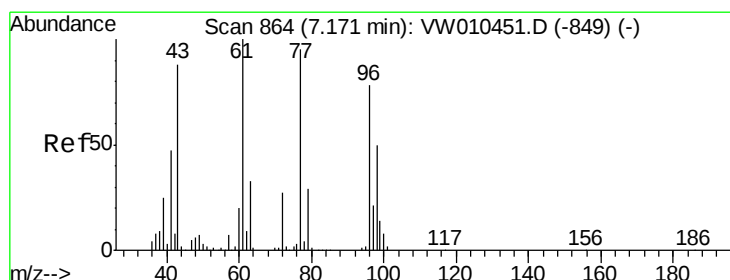
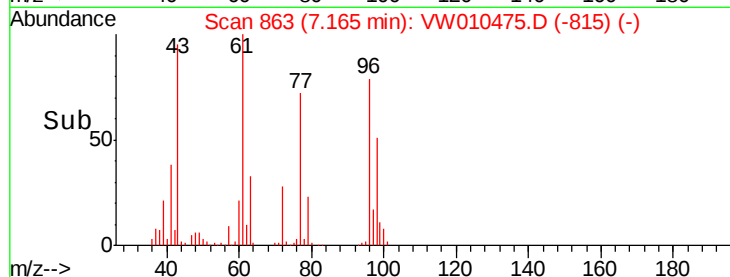
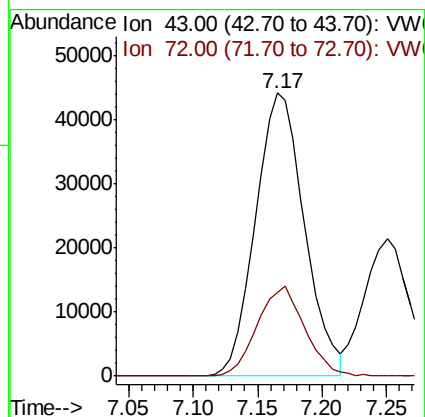
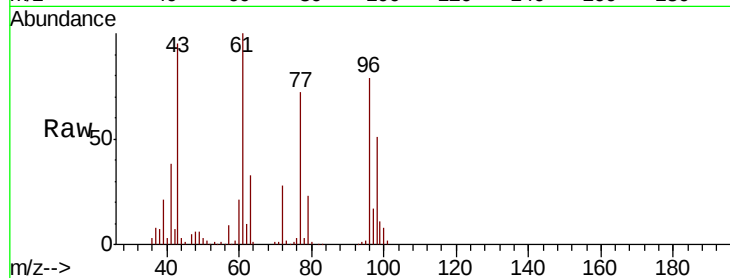
VSTDCCC050EC

Tot Ion: 43 Resp: 115600

Ion Ratio Lower Upper

43 100

72 29.6 24.1 36.1



#26

2,2-Dichloropropane

Concen: 41.929 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010475.D

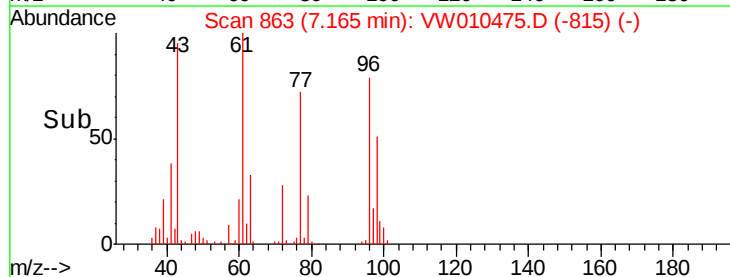
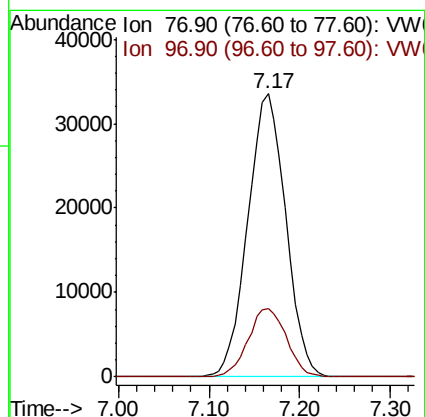
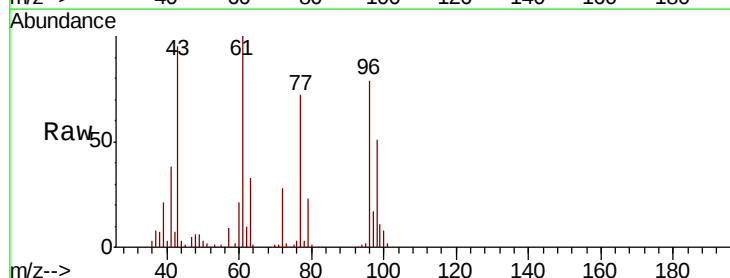
Acq: 21 May 2019 05:00

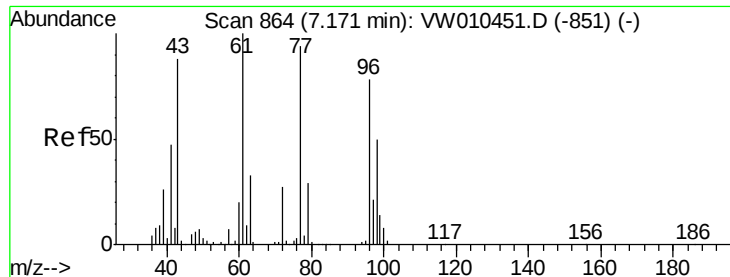
Tgt Ion: 77 Resp: 97241

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.0



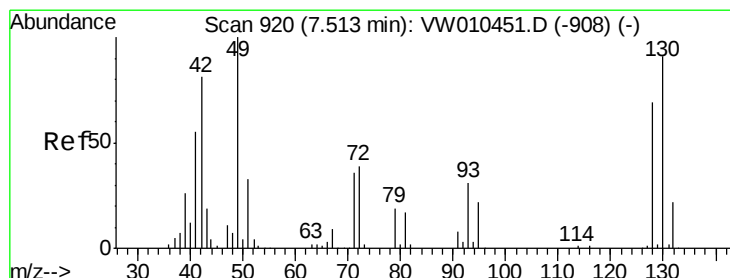
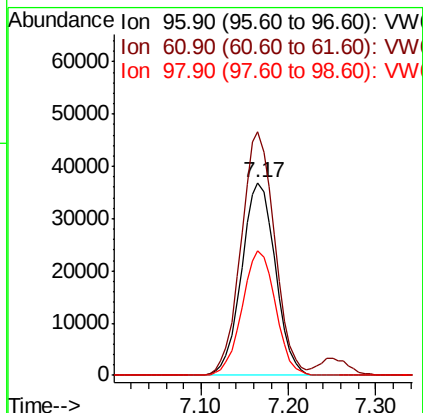
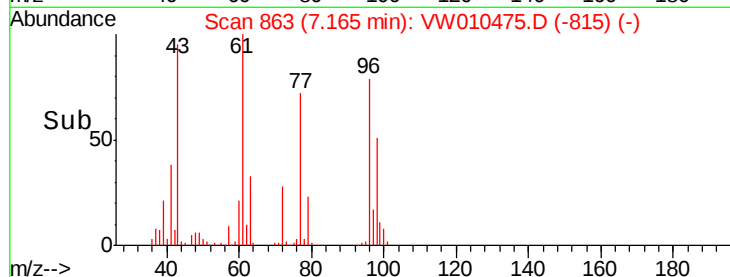
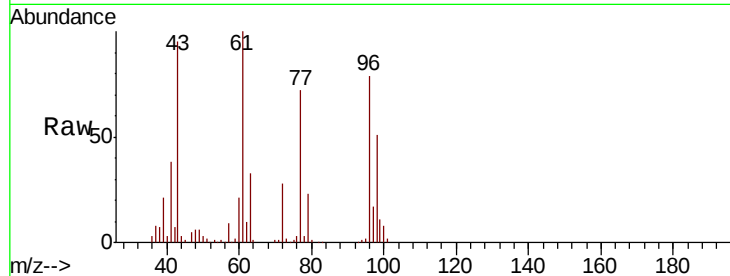


#27

cis-1,2-Dichloroethene
 Concen: 57.477 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

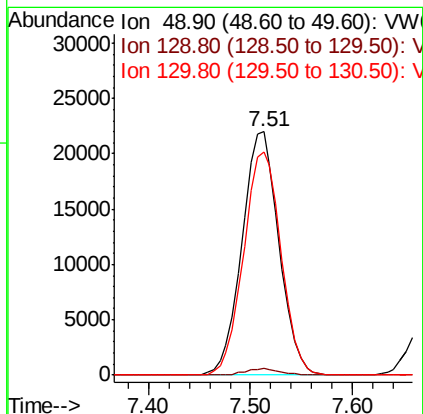
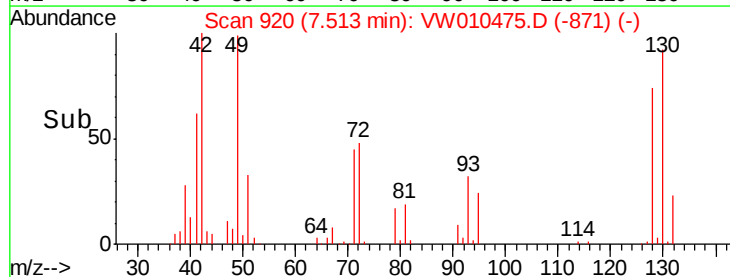
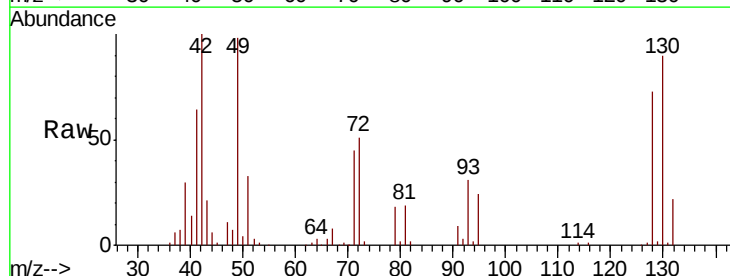
Tot Ion: 96 Resp: 98525
 Ion Ratio Lower Upper
 96 100
 61 126.0 0.0 265.4
 98 64.1 0.0 129.4

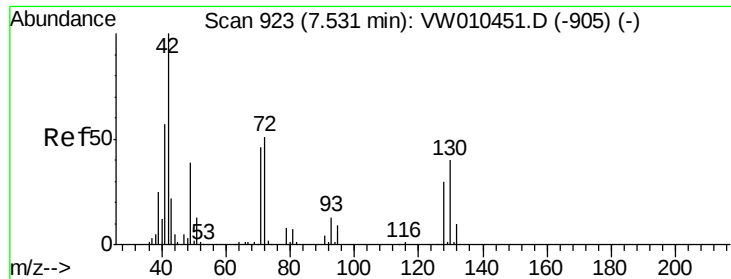


#28

Bromochloromethane
 Concen: 63.540 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 49 Resp: 55388
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 92.9 71.2 106.8

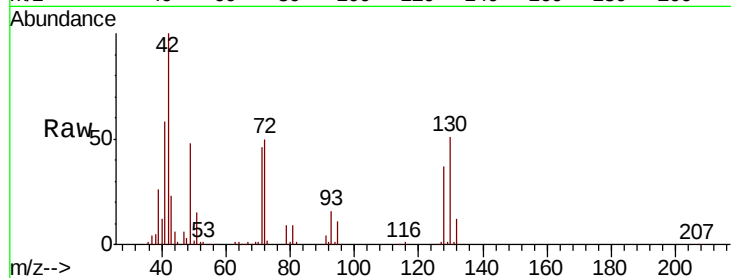




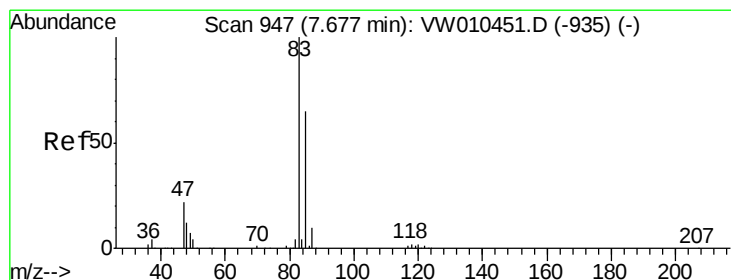
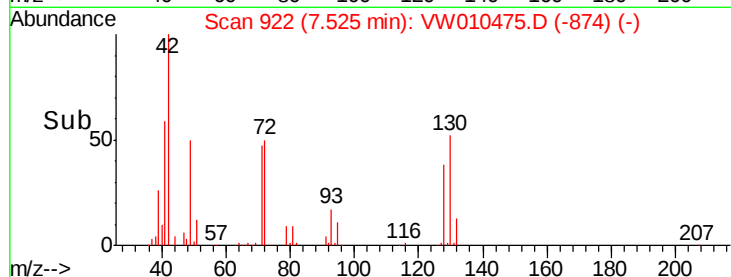
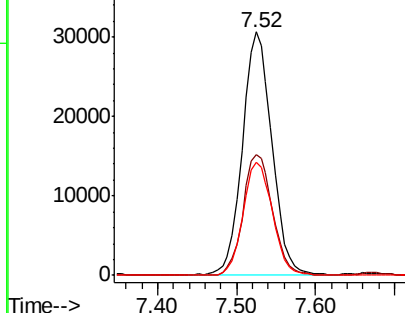
#29
Tetrahydrofuran
Concen: 301.367 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 80019
Ion Ratio Lower Upper
42 100
72 49.4 38.5 57.7
71 46.0 36.5 54.7

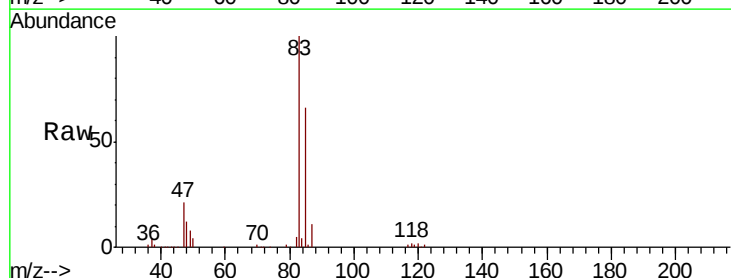


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

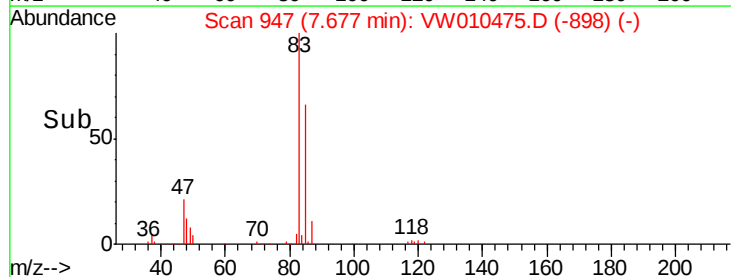
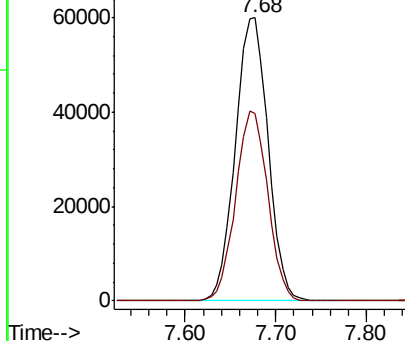


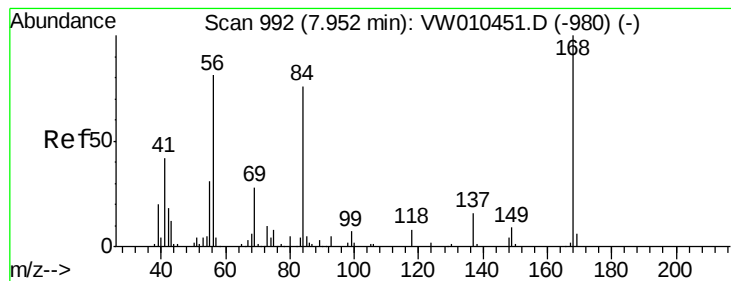
#30
Chloroform
Concen: 57.174 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 83 Resp: 150149
Ion Ratio Lower Upper
83 100
85 66.2 52.2 78.4



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





#31

Cyclohexane

Concen: 42.821 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

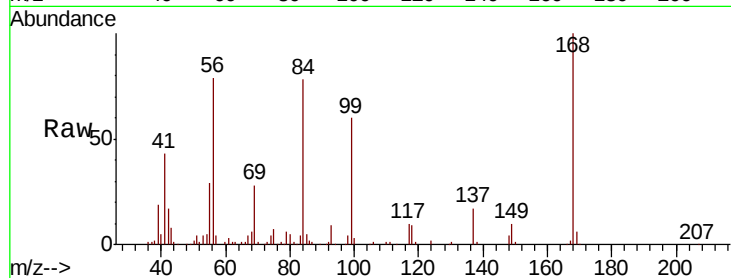
Tot Ion: 56 Resp: 109209

Ion Ratio Lower Upper

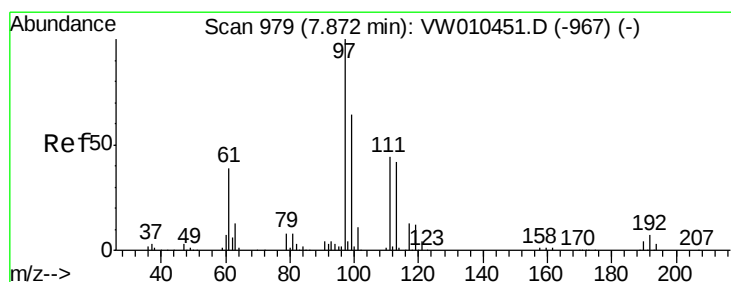
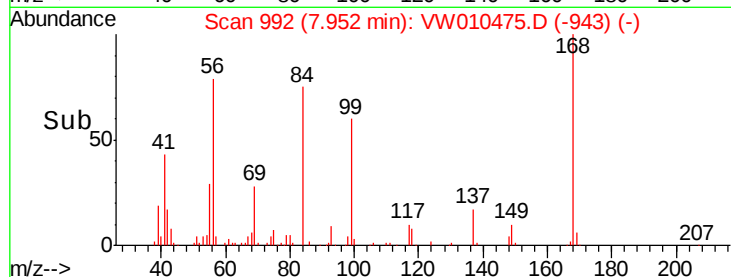
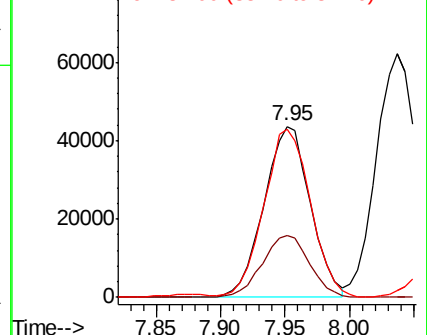
56 100

69 36.1 28.2 42.2

84 96.5 75.8 113.8



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



#32

1,1,1-Trichloroethane

Concen: 51.767 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

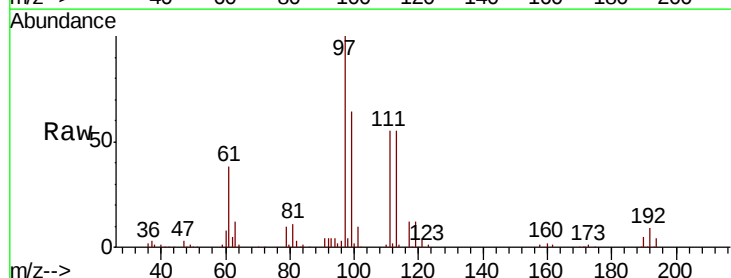
Tgt Ion: 97 Resp: 129937

Ion Ratio Lower Upper

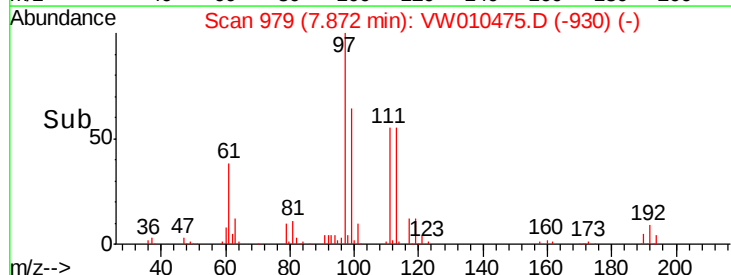
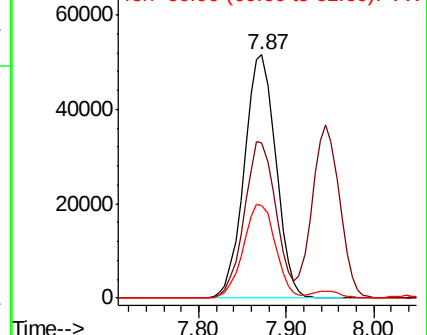
97 100

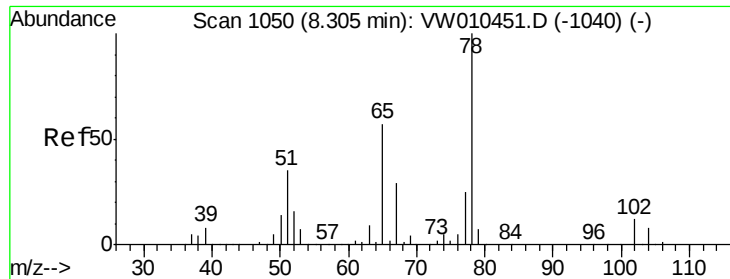
99 64.4 50.8 76.2

61 39.1 32.1 48.1



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

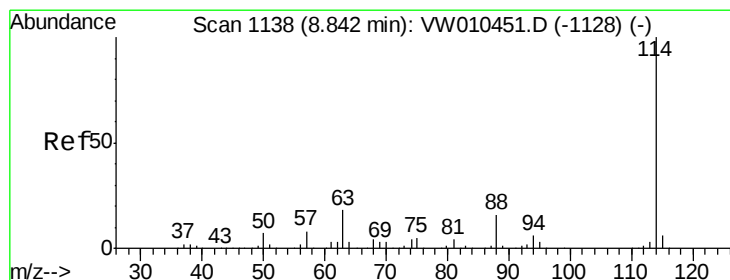
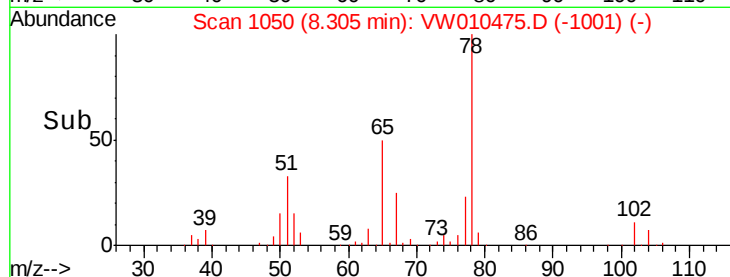
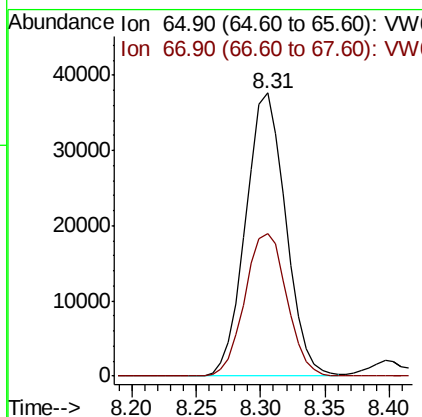
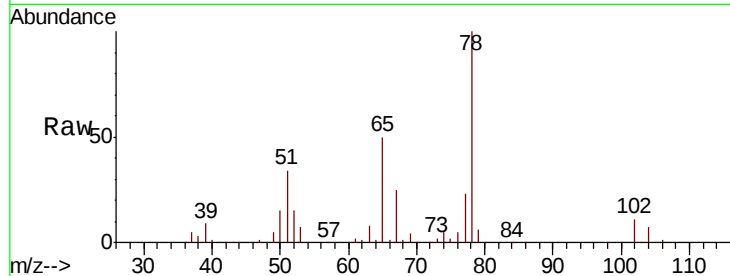




#33
 1,2-Dichloroethane-d4
 Concen: 60.345 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

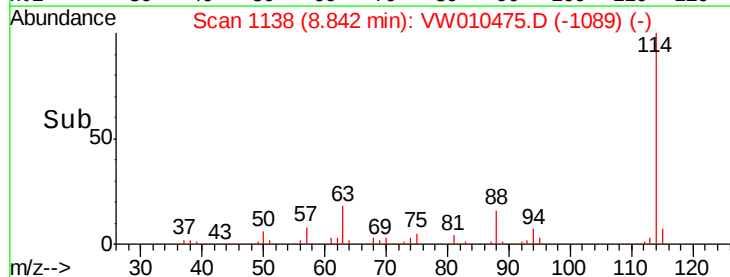
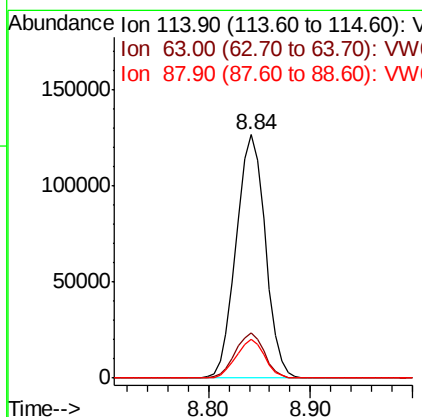
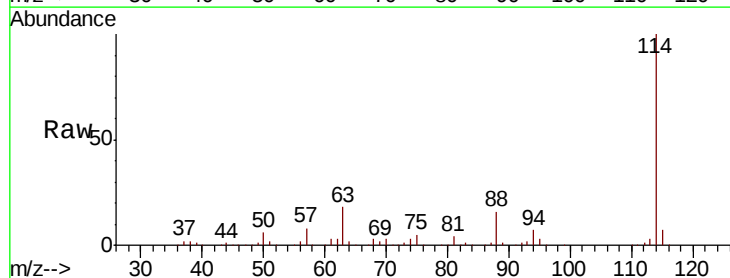
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

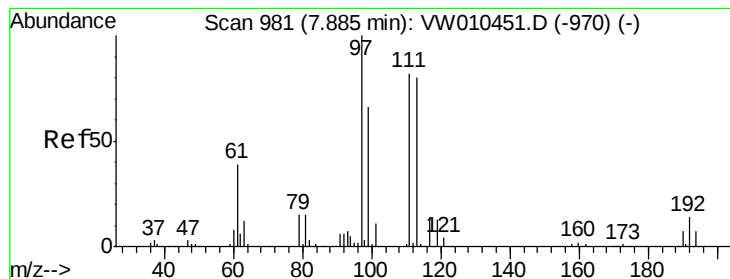
Tot Ion: 65 Resp: 81059
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 114 Resp: 250670
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.527 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

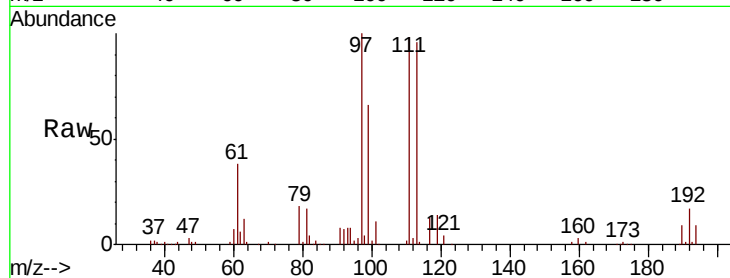
Tot Ion:113 Resp: 81416

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

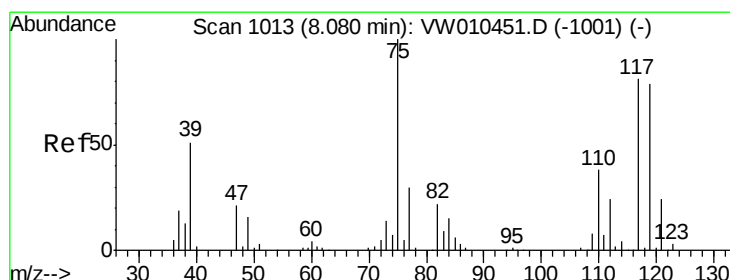
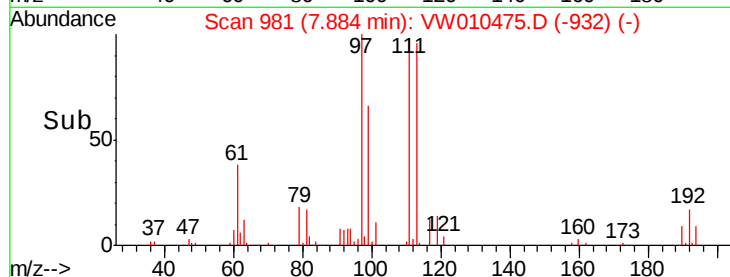
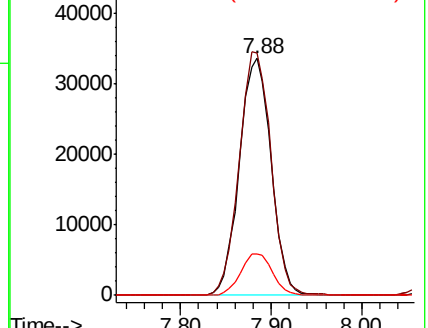
192 17.6 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.075 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

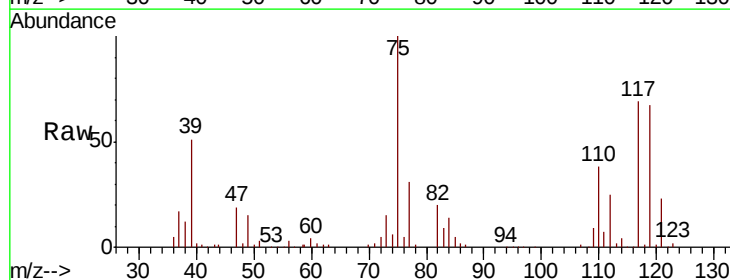
Tgt Ion: 75 Resp: 105256

Ion Ratio Lower Upper

75 100

110 38.0 19.2 57.6

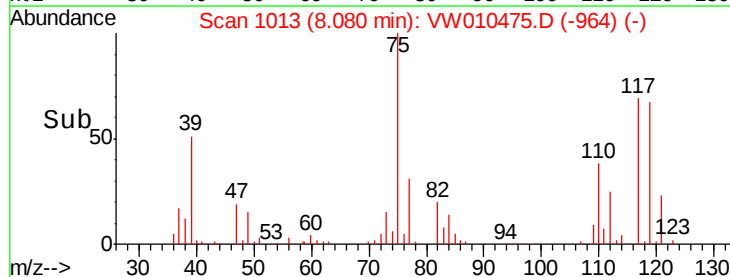
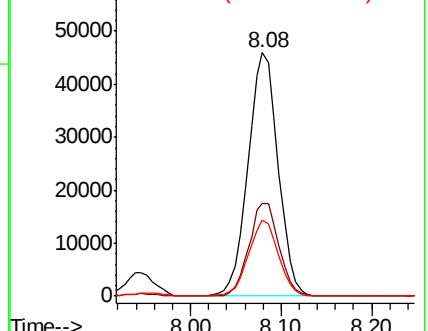
77 31.0 25.2 37.8

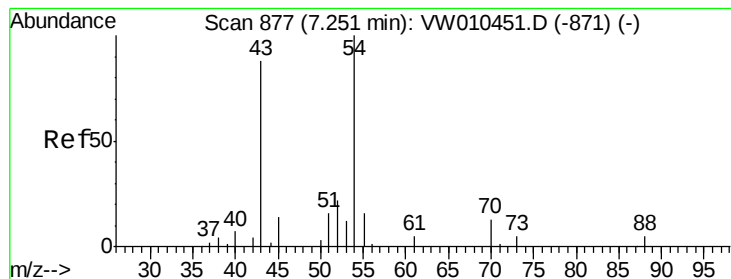


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 54.173 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

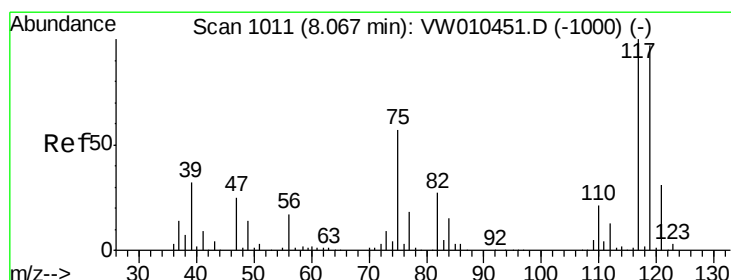
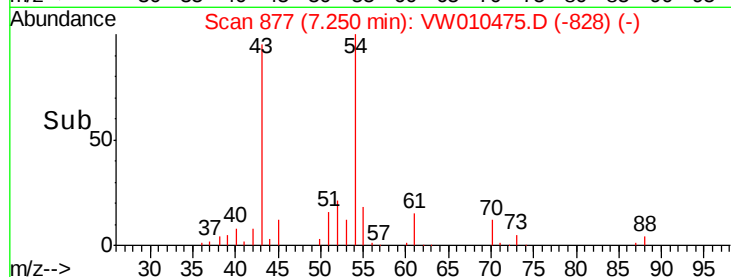
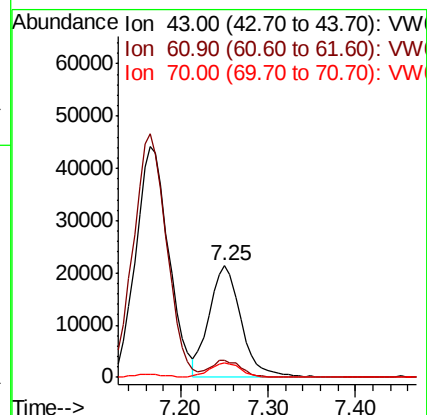
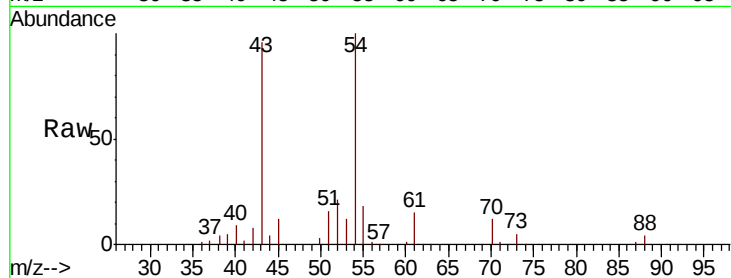
Tot Ion: 43 Resp: 53794

Ion Ratio Lower Upper

43 100

61 14.5 11.2 16.8

70 12.7 9.9 14.9



#38

Carbon Tetrachloride

Concen: 44.796 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

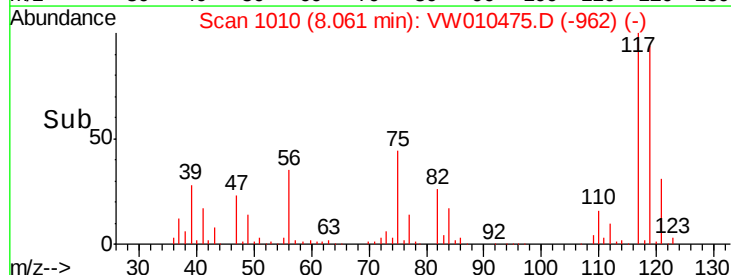
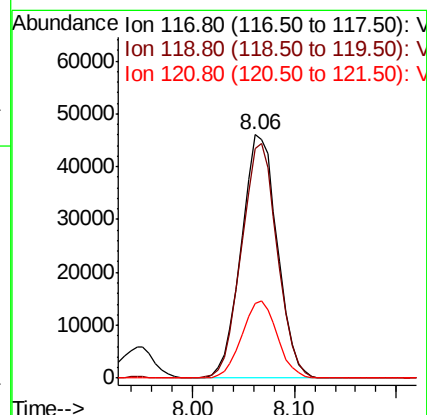
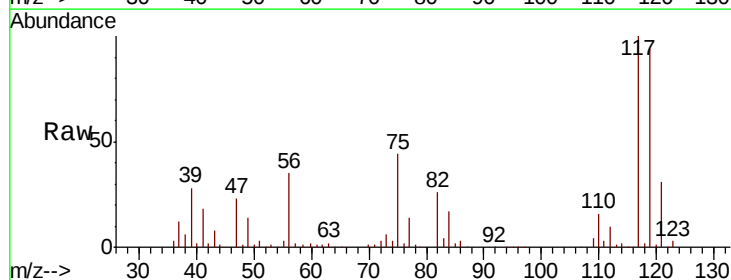
Tgt Ion: 117 Resp: 112842

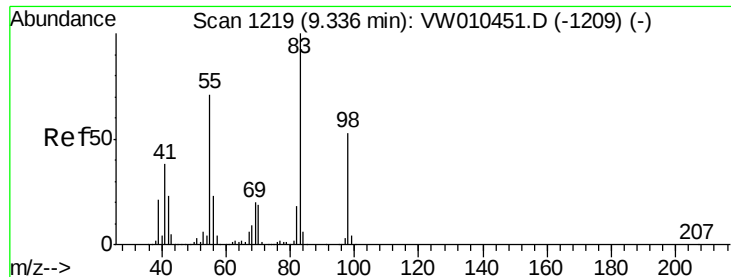
Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

121 30.6 25.0 37.6

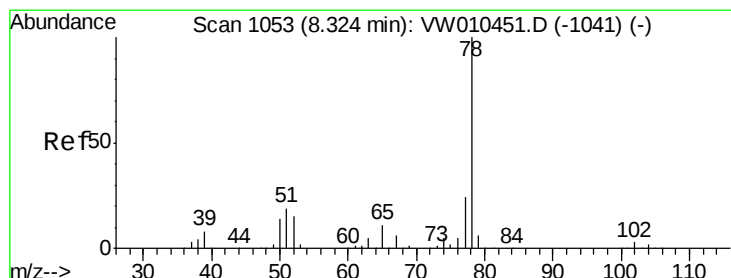
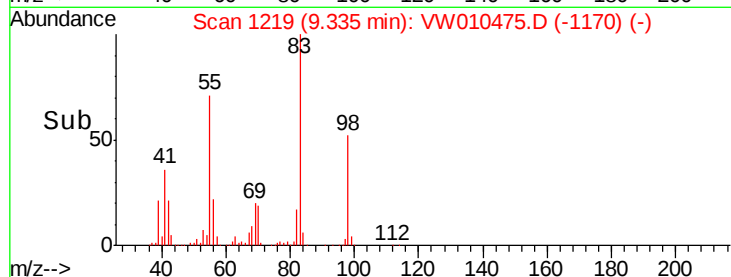
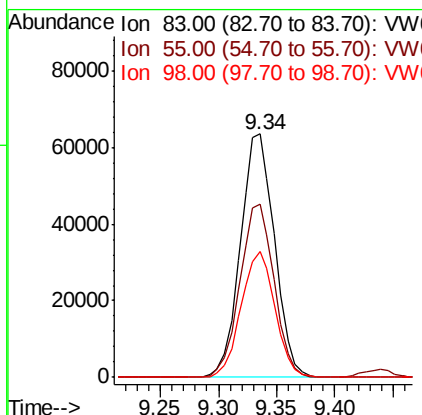
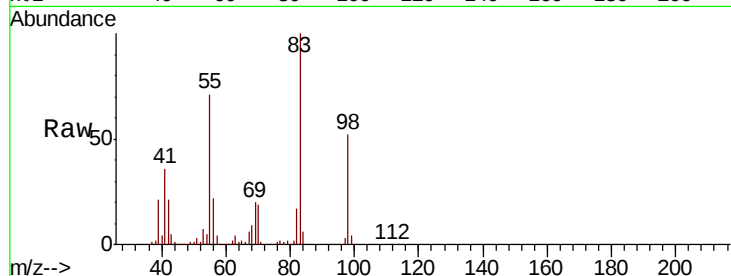




#39
Methvlcvclohexane
Concen: 41.562 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

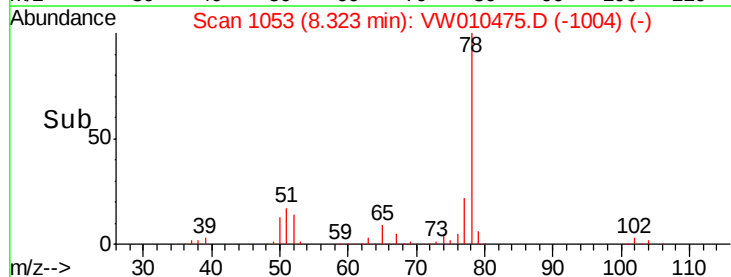
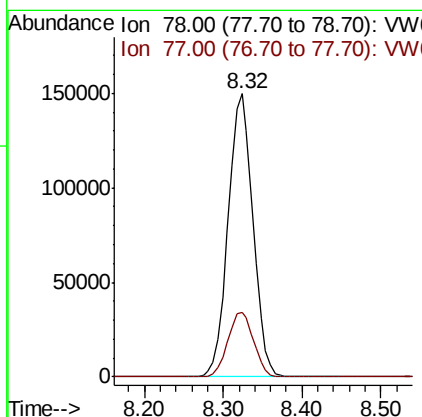
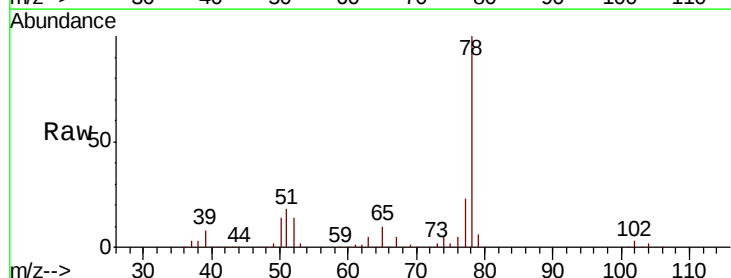
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

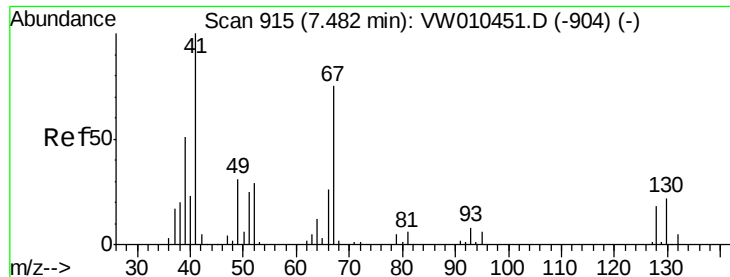
Tot Ion: 83 Resp: 130027
Ion Ratio Lower Upper
83 100
55 71.0 57.0 85.6
98 51.7 42.0 63.0



#40
Benzene
Concen: 50.376 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 78 Resp: 326959
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3

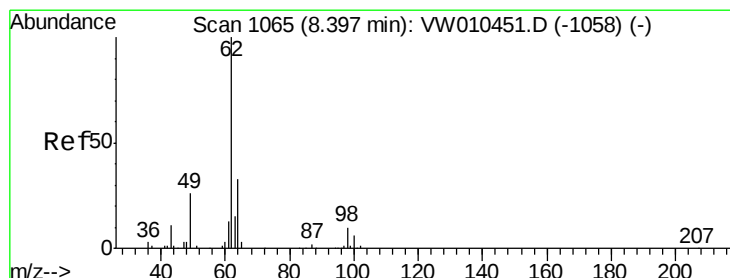
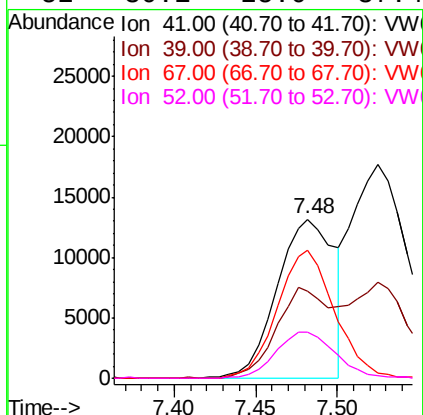
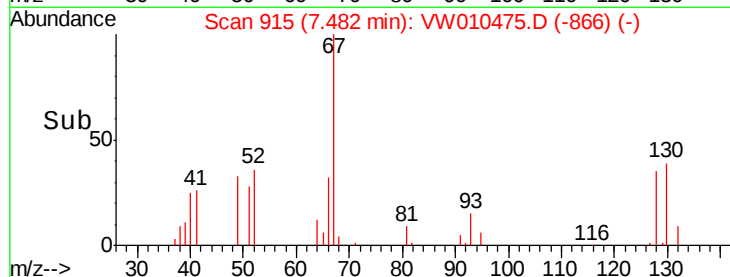
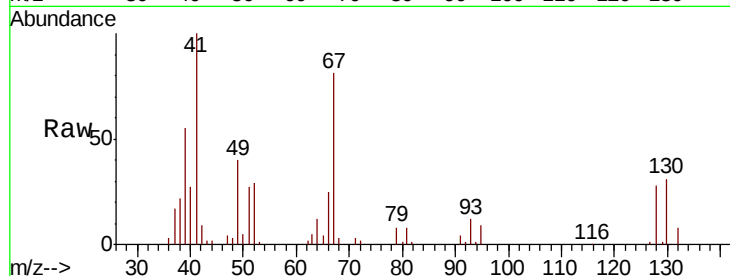




#41
Methacrylonitrile
Concen: 54.575 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

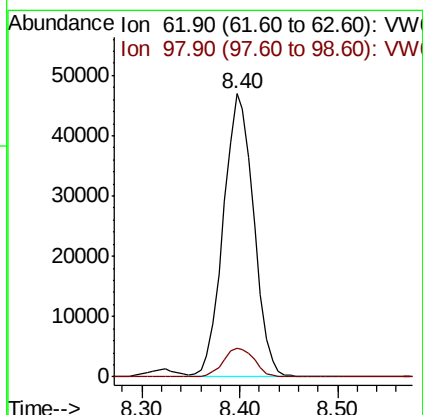
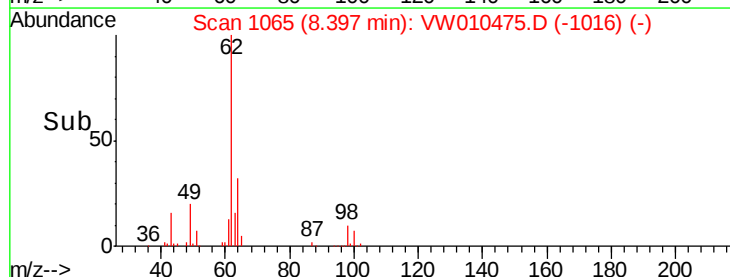
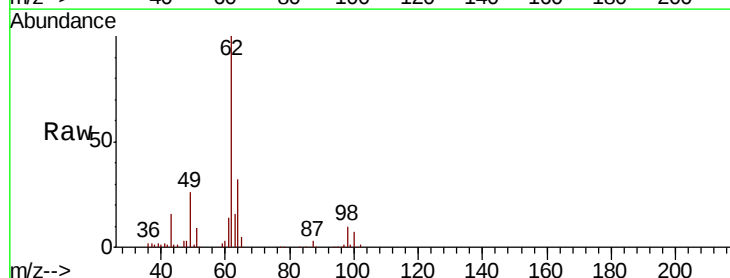
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

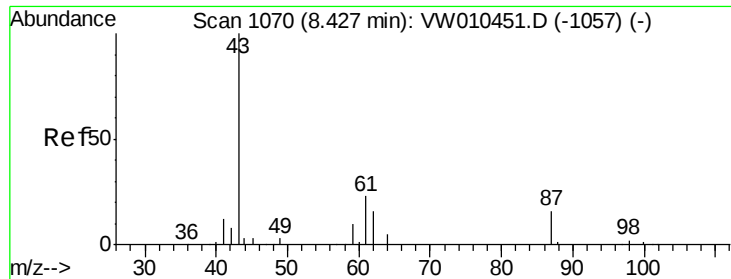
Tot Ion:	41	Resp:	32200
Ion	Ratio	Lower	Upper
41	100		
39	55.8	47.4	71.2
67	80.2	65.5	98.3
52	30.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 54.352 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:	62	Resp:	100823
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 54.278 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

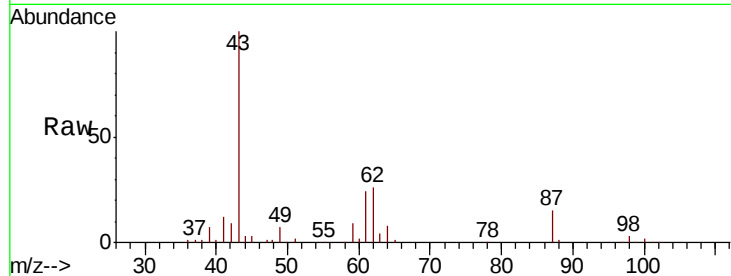
Tot Ion: 43 Resp: 107676

Ion Ratio Lower Upper

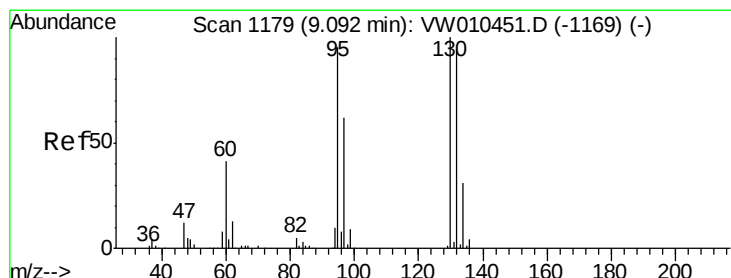
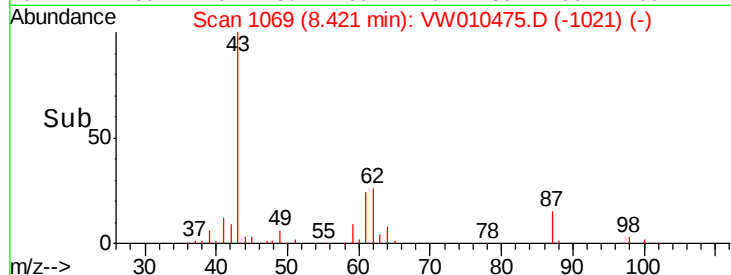
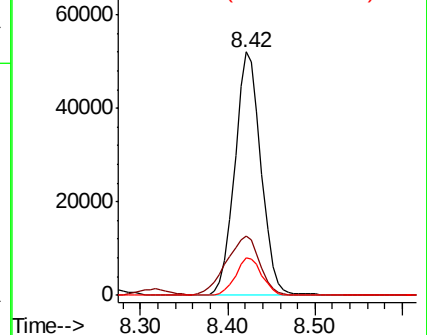
43 100

61 31.3 25.4 38.2

87 15.5 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: 48.788 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010475.D

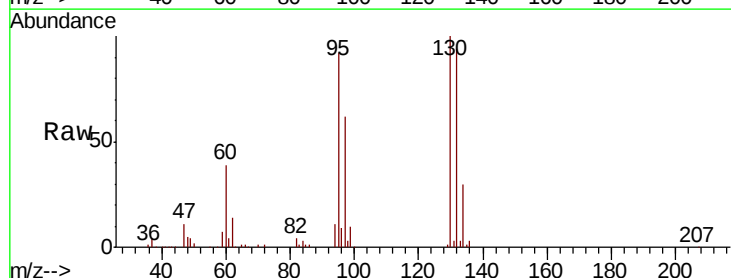
Acq: 21 May 2019 05:00

Tgt Ion: 130 Resp: 94006

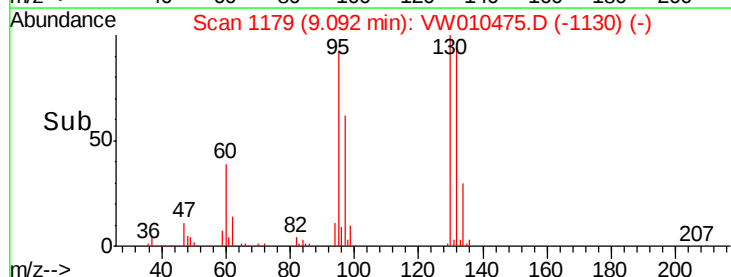
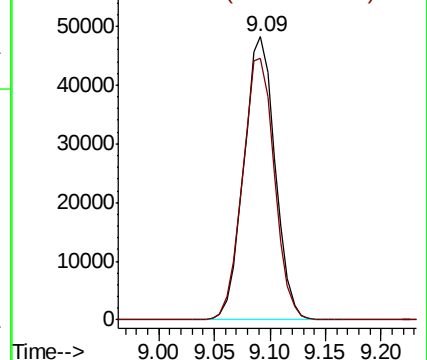
Ion Ratio Lower Upper

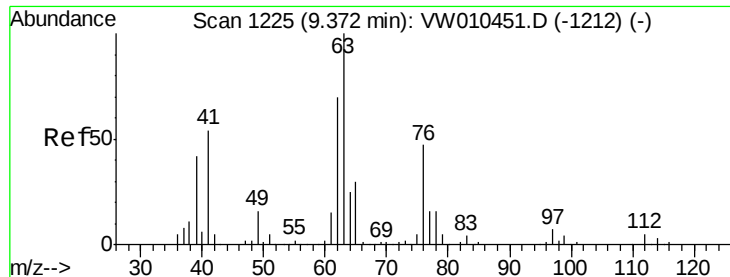
130 100

95 92.4 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: 51.949 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

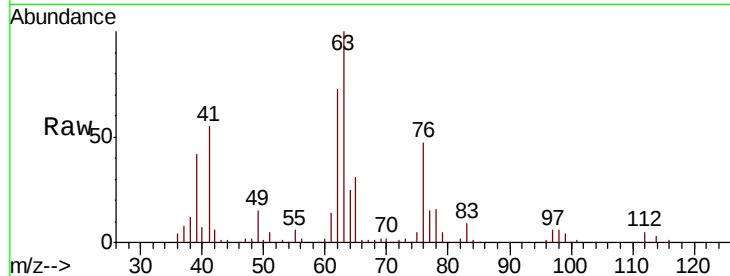
VSTDCCC050EC

Tot Ion: 63 Resp: 80076

Ion Ratio Lower Upper

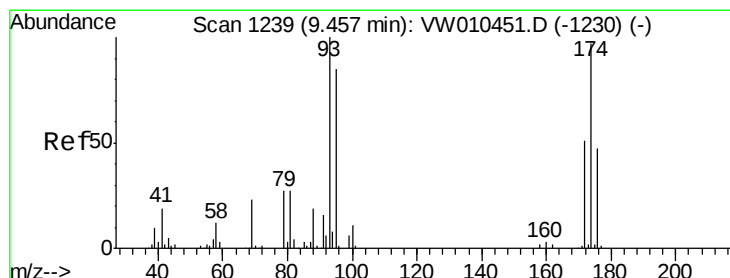
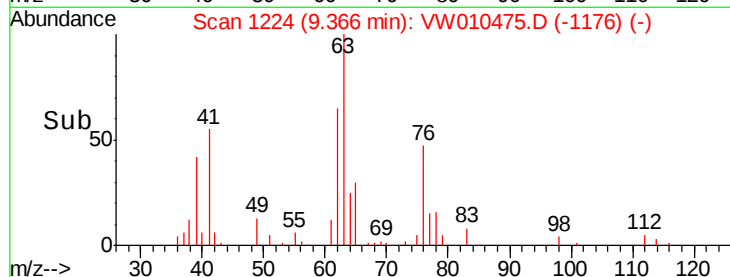
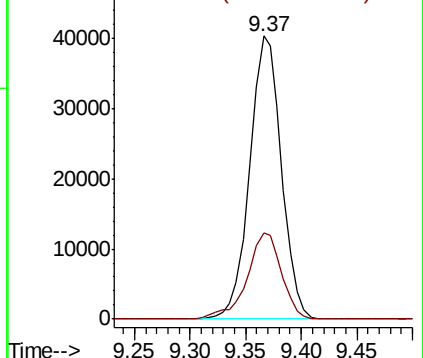
63 100

65 30.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 54.880 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

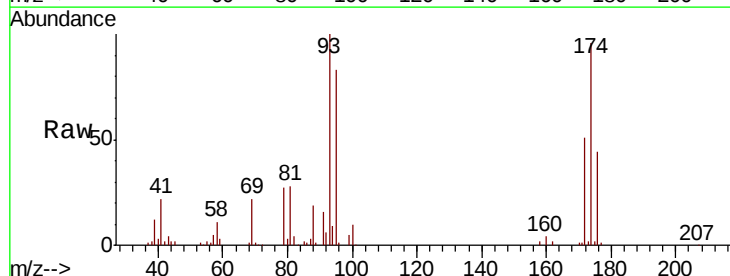
Tgt Ion: 93 Resp: 49472

Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

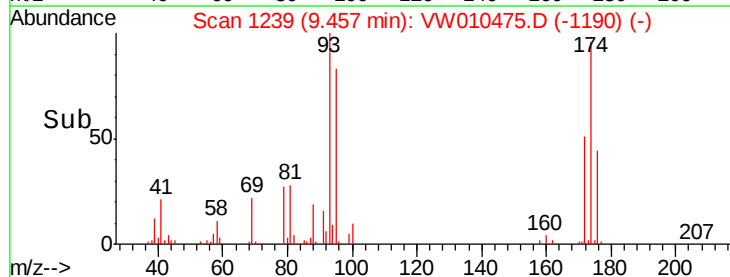
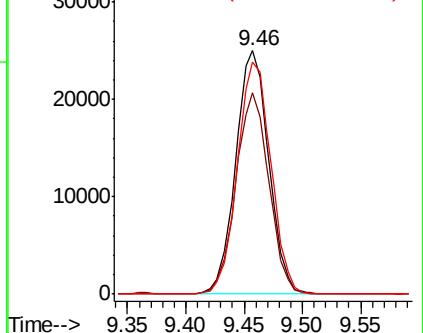
174 97.1 77.1 115.7



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

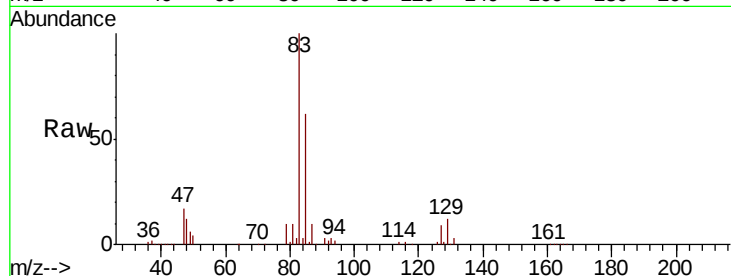




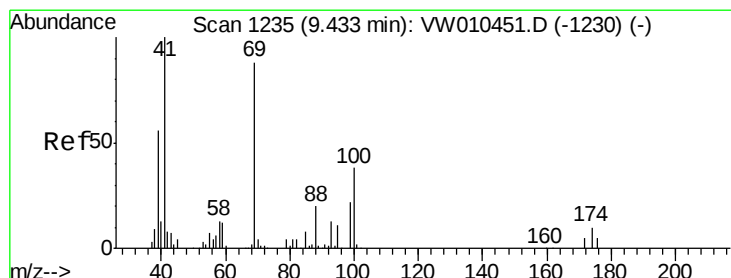
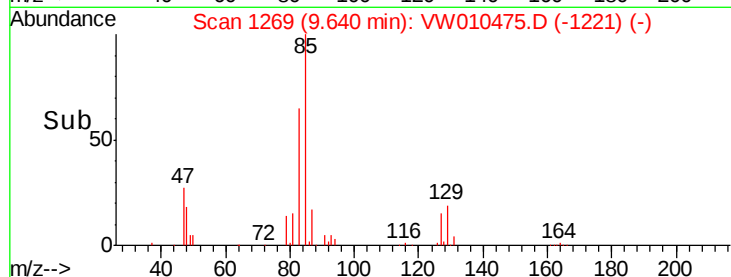
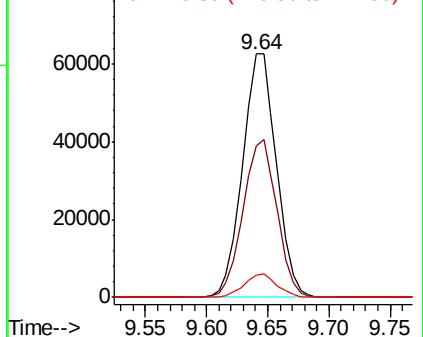
#47
 Bromodichloromethane
 Concen: 53.056 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 120191
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.4 75.6
 127 9.1 7.4 11.0

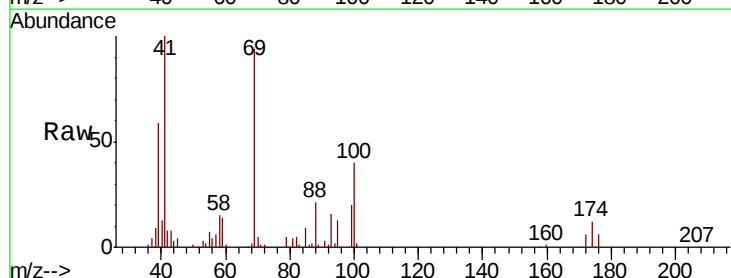


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

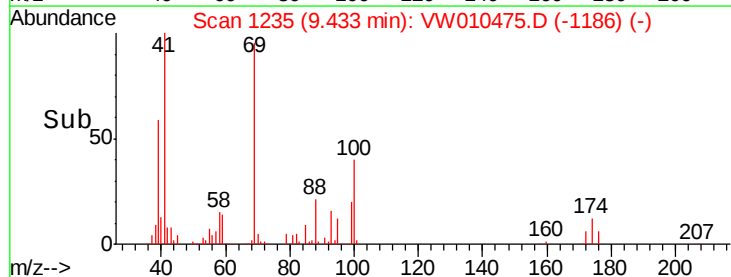
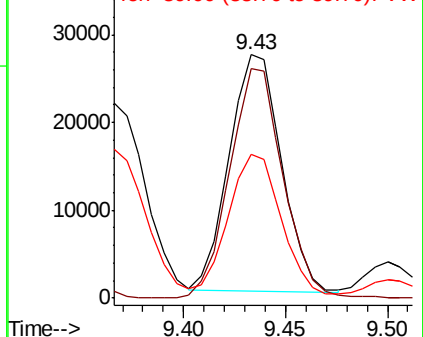


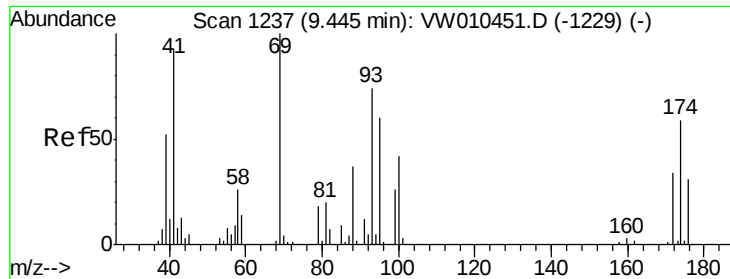
#48
 Methyl methacrylate
 Concen: 52.936 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 41 Resp: 48043
 Ion Ratio Lower Upper
 41 100
 69 99.1 77.6 116.4
 39 62.8 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: 1101.521 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

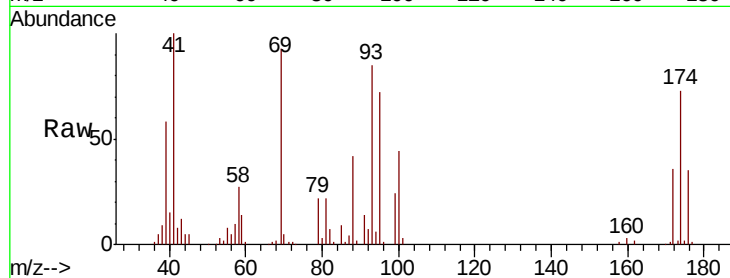
Tot Ion: 88 Resp: 16221

Ion Ratio Lower Upper

88 100

43 29.7 25.9 38.9

58 63.2 52.7 79.1

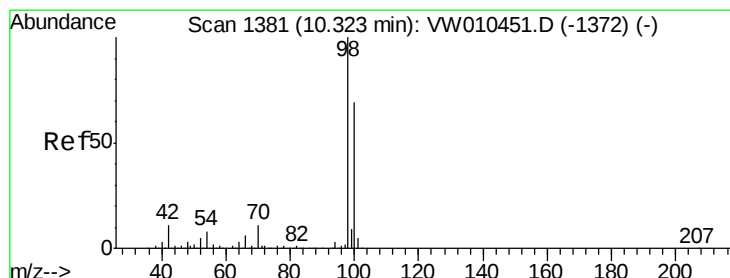
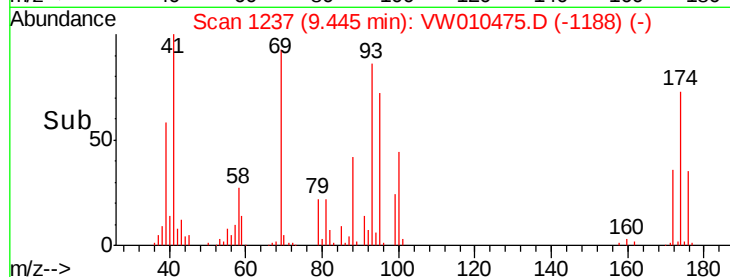
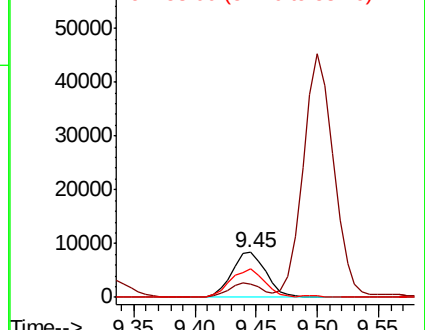


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.493 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010475.D

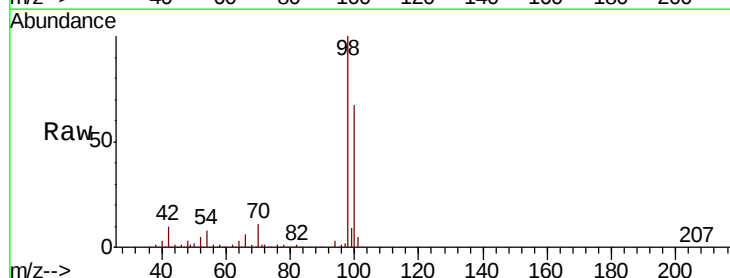
Acq: 21 May 2019 05:00

Tgt Ion: 98 Resp: 293394

Ion Ratio Lower Upper

98 100

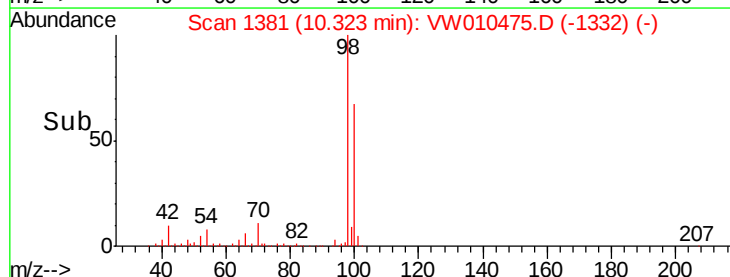
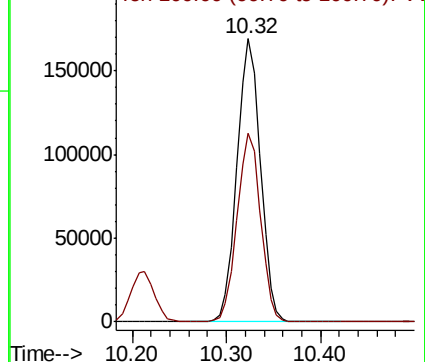
100 66.9 53.7 80.5

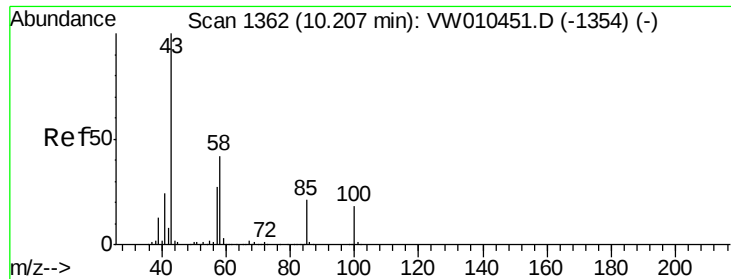


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 268.704 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

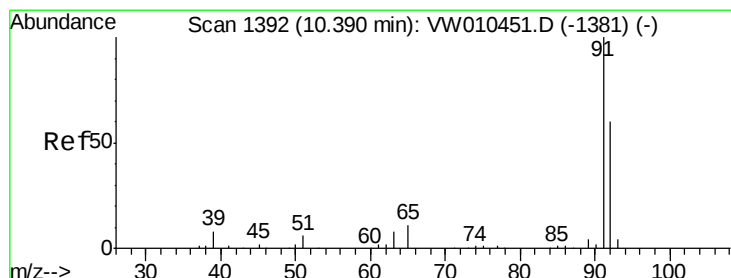
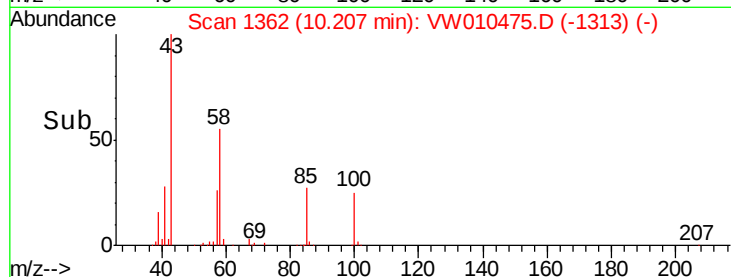
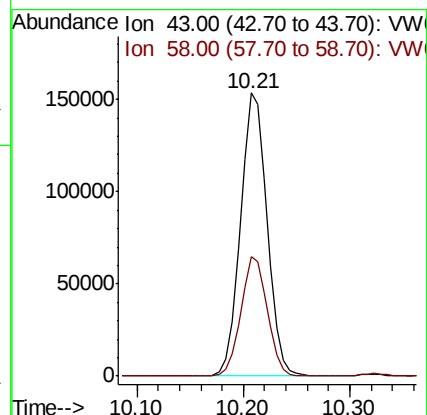
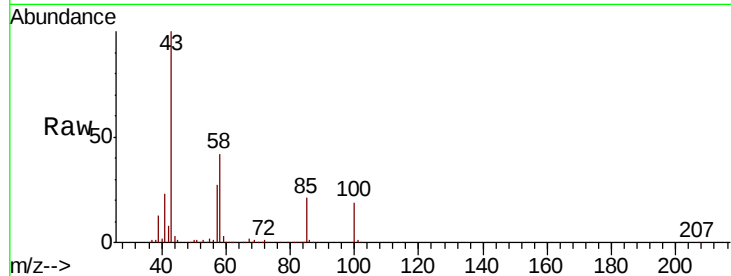
VSTDCCC050EC

Tot Ion: 43 Resp: 270111

Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8



#52

Toluene

Concen: 49.467 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010475.D

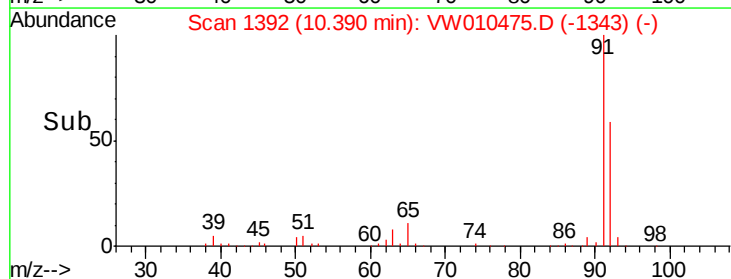
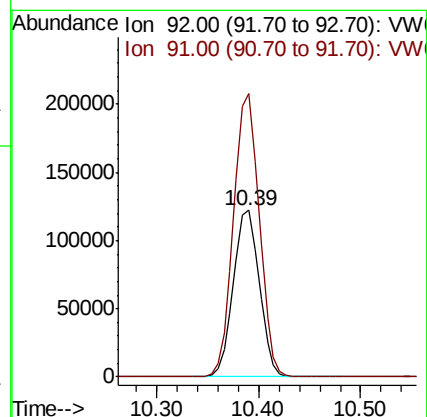
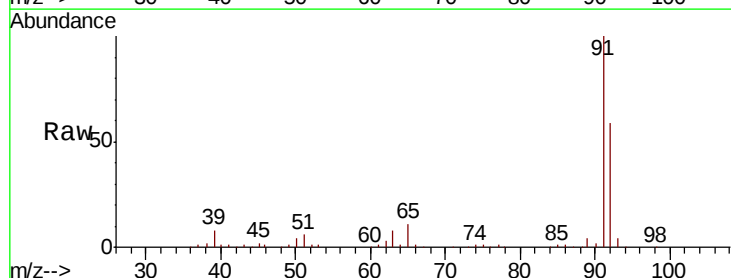
Acq: 21 May 2019 05:00

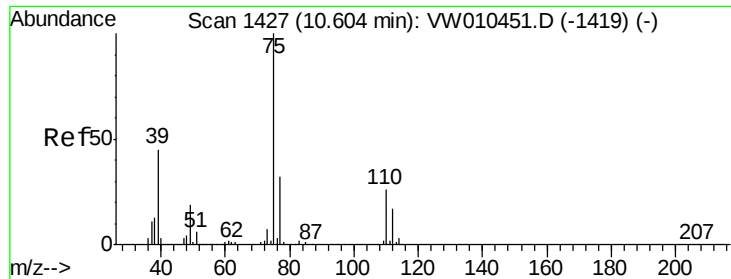
Tgt Ion: 92 Resp: 215612

Ion Ratio Lower Upper

92 100

91 168.2 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.217 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

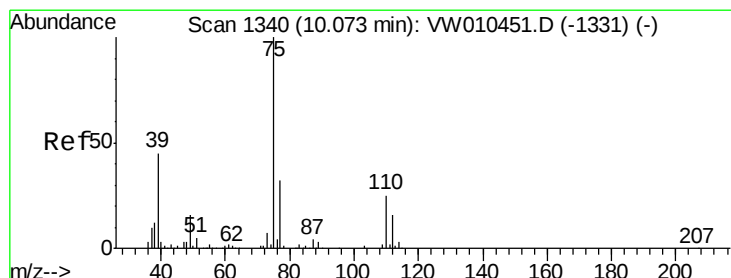
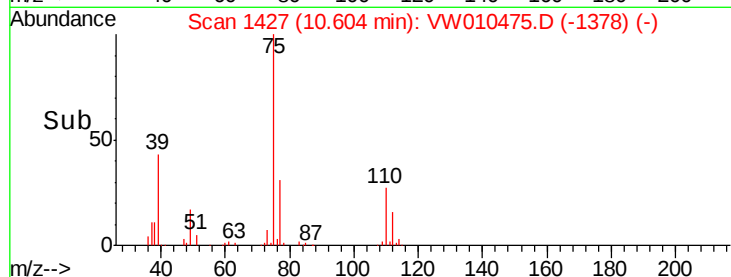
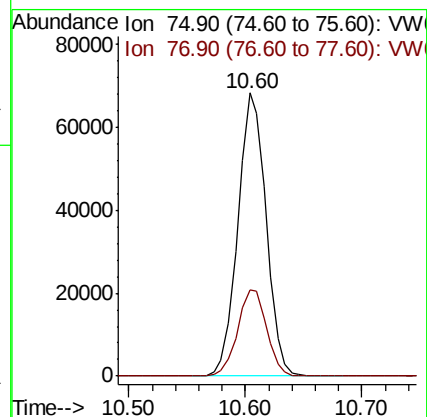
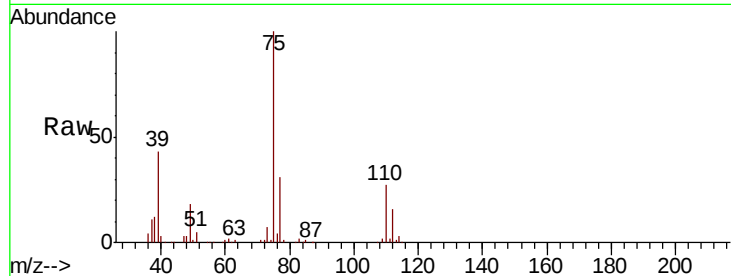
VSTDCCC050EC

Tot Ion: 75 Resp: 115214

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.693 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

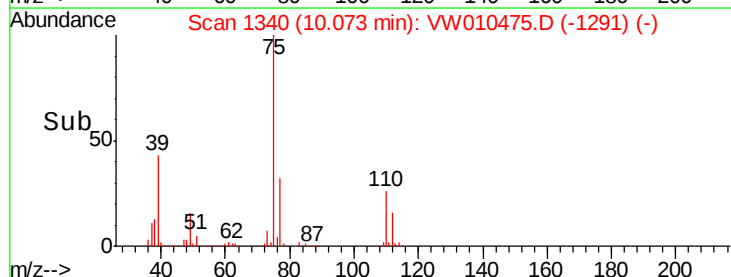
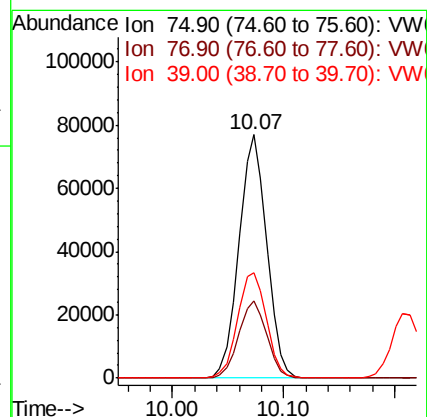
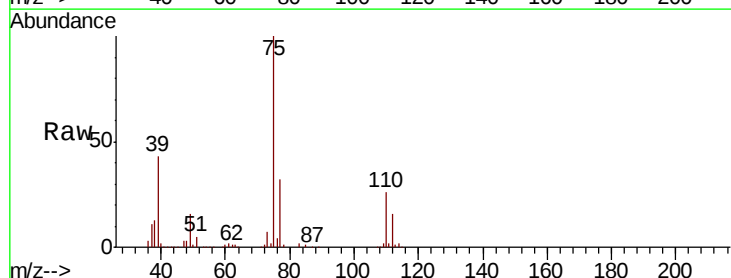
Tgt Ion: 75 Resp: 132827

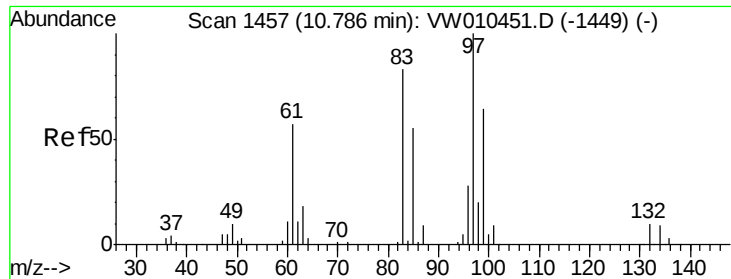
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 43.4 36.2 54.4

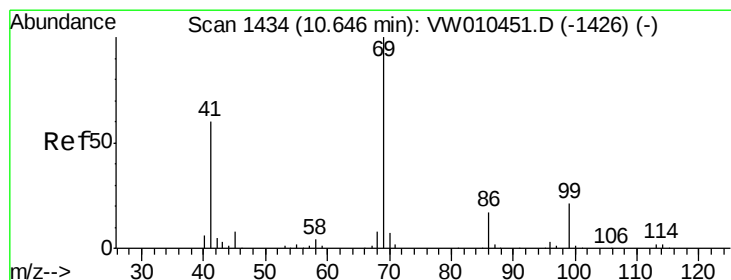
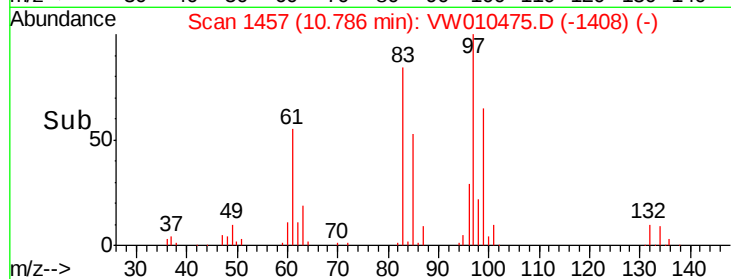
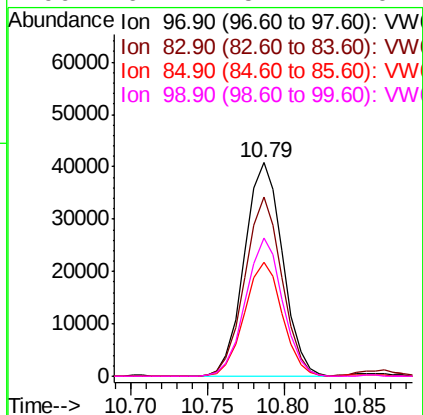
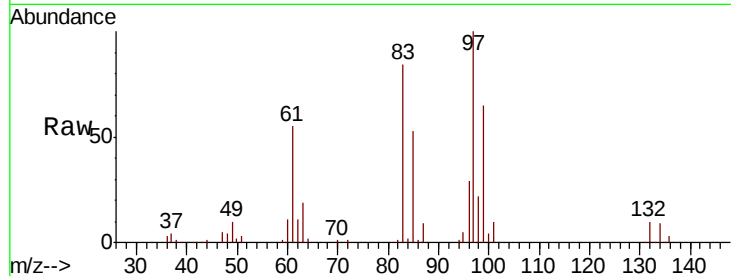




#55
 1,1,2-Trichloroethane
 Concen: 54.857 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

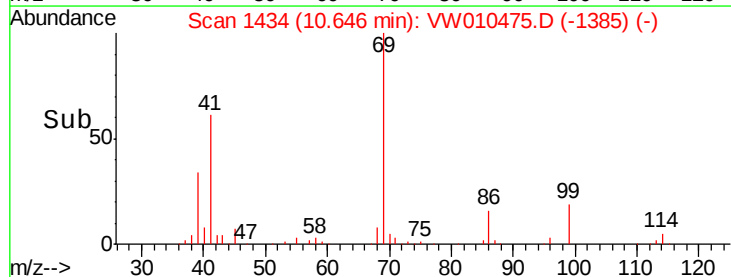
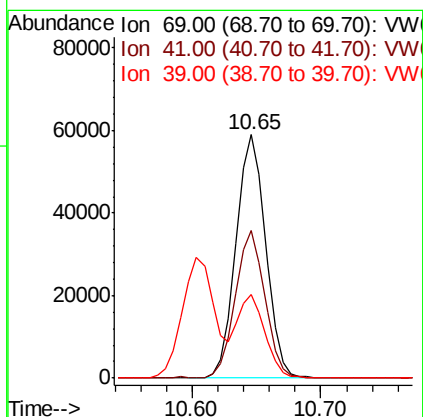
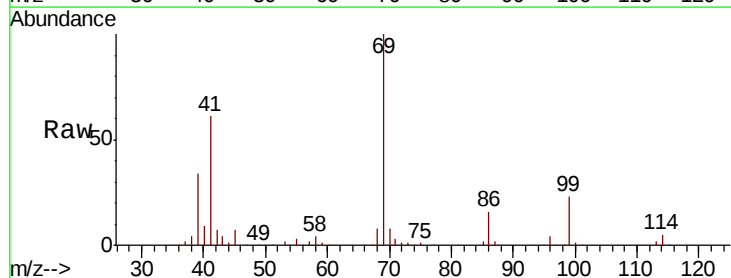
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

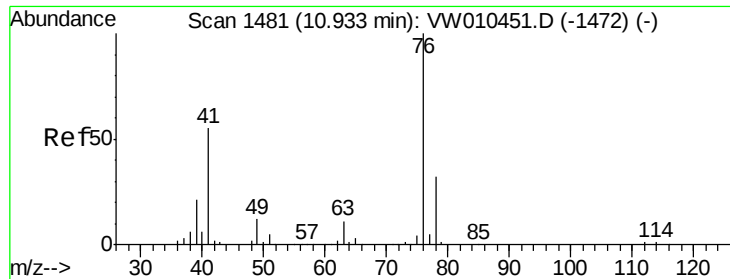
Tot Ion:	97	Resp:	71112
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.1	99.1
85	53.4	44.2	66.4
99	64.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 52.807 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion:	69	Resp:	94410
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.7	71.5
39	31.7	25.3	37.9

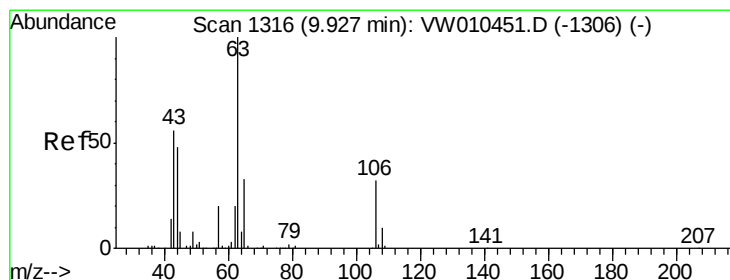
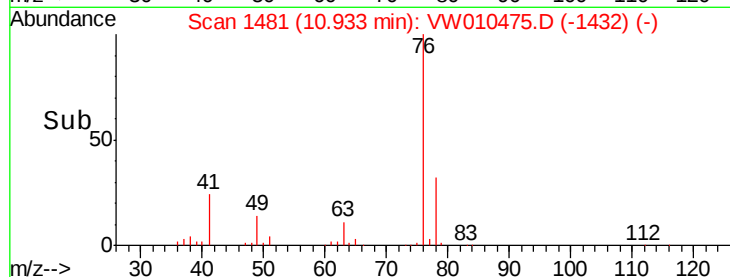
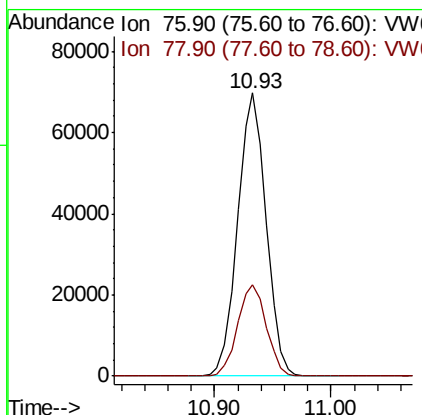
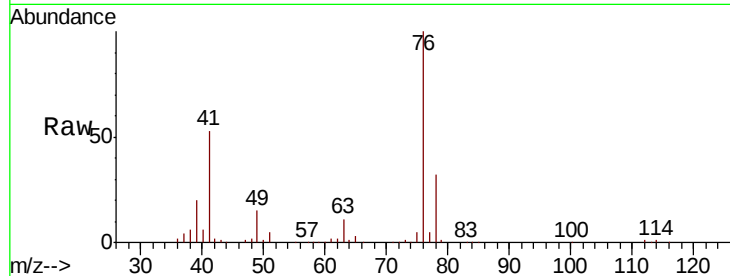




#57
 1,3-Dichloropropane
 Concen: 54.610 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

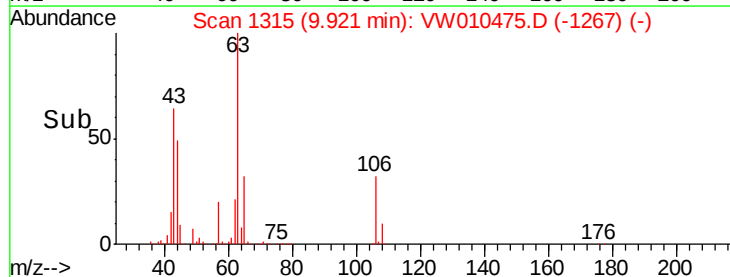
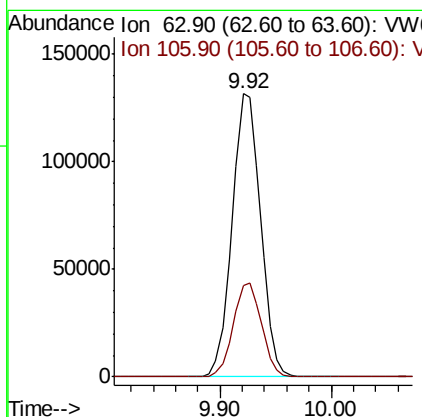
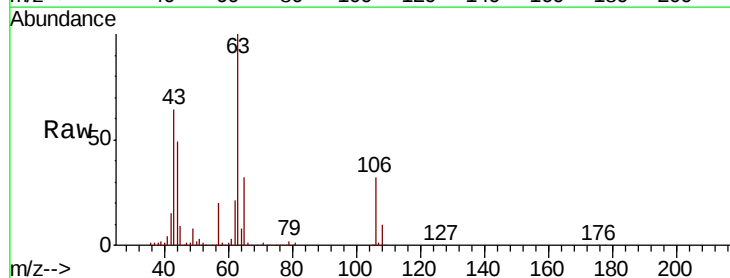
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

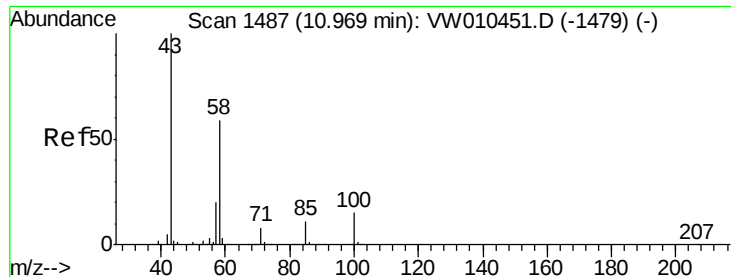
Tot Ion: 76 Resp: 118582
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.530 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 63 Resp: 232442
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.8 38.6

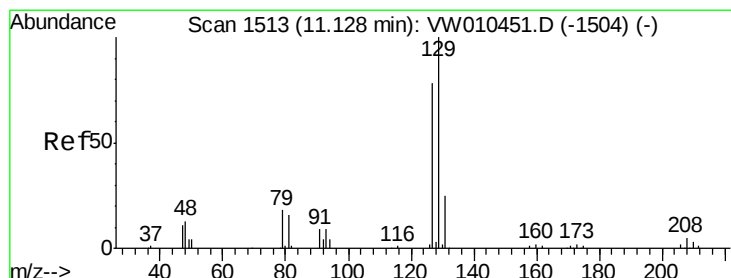
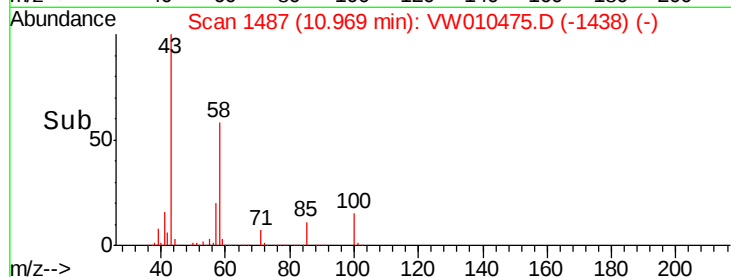
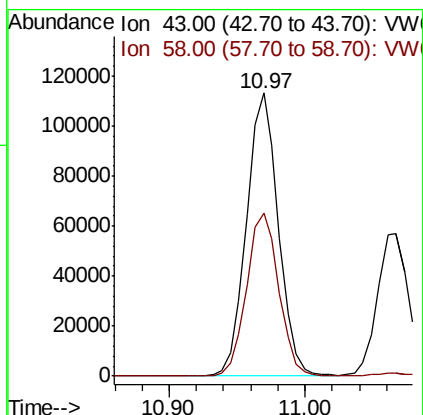
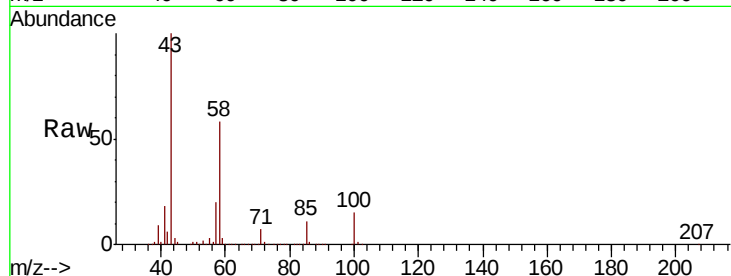




#59
2-Hexanone
Concen: 258.798 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

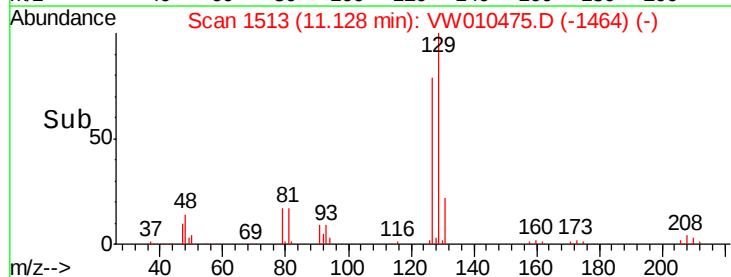
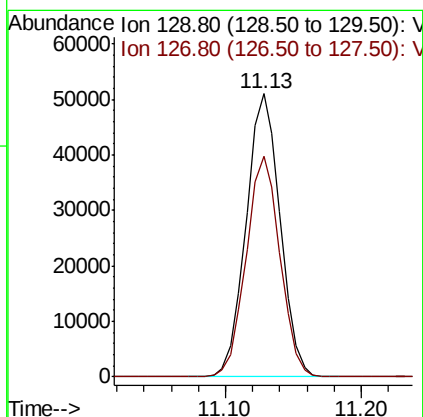
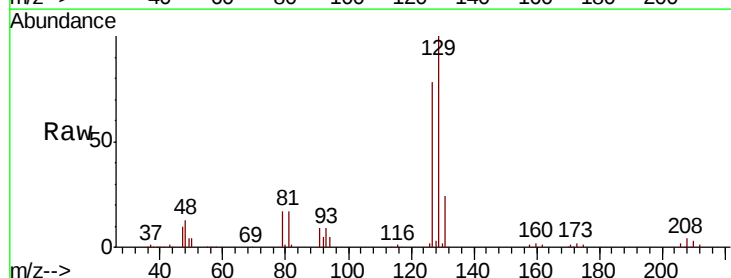
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

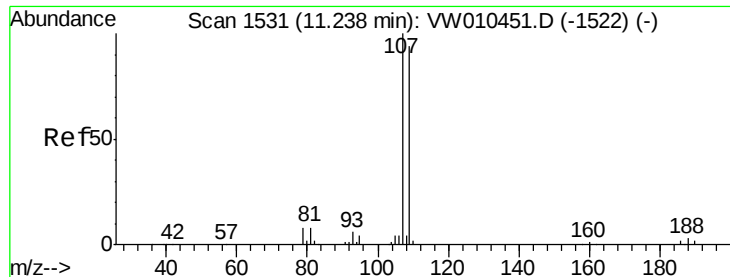
Tot Ion: 43 Resp: 185580
Ion Ratio Lower Upper
43 100
58 58.4 28.9 86.8



#60
Dibromochloromethane
Concen: 54.497 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 129 Resp: 89408
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

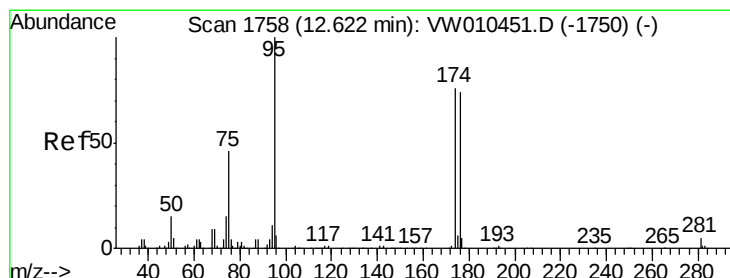
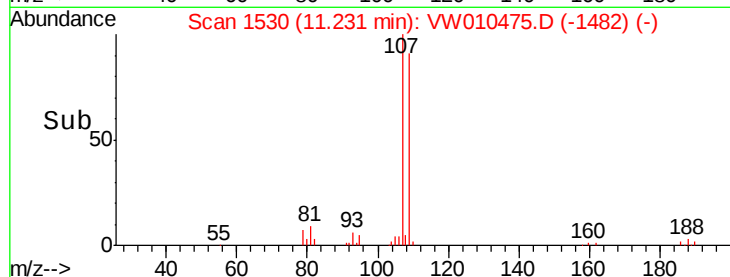
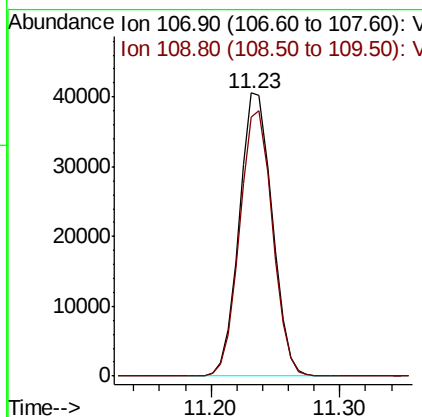
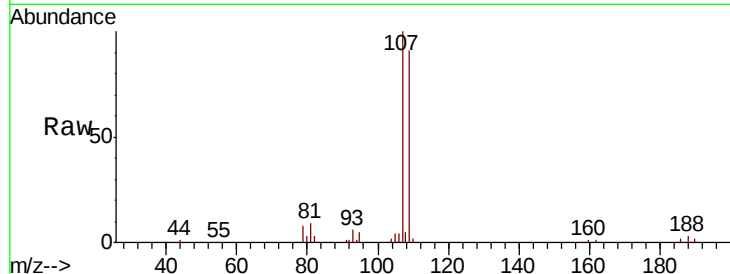




#61
 1,2-Dibromoethane
 Concen: 54.712 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

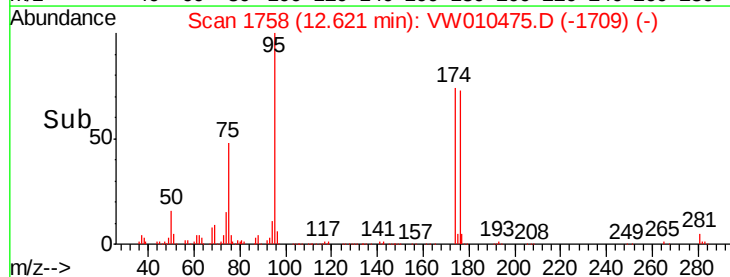
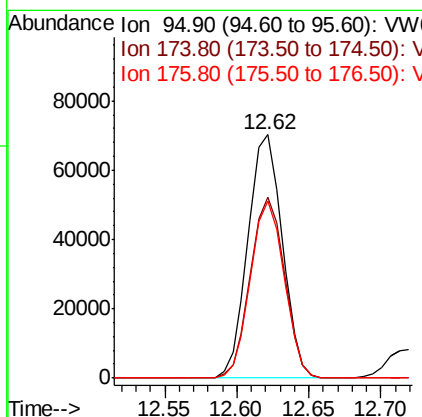
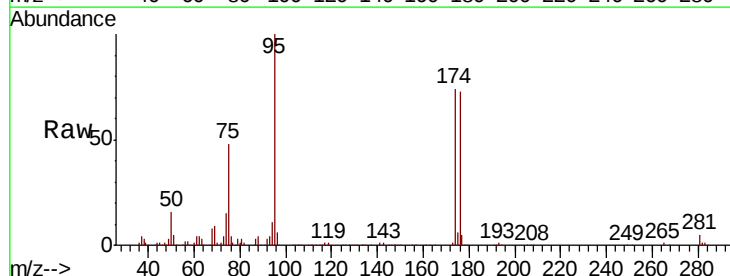
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

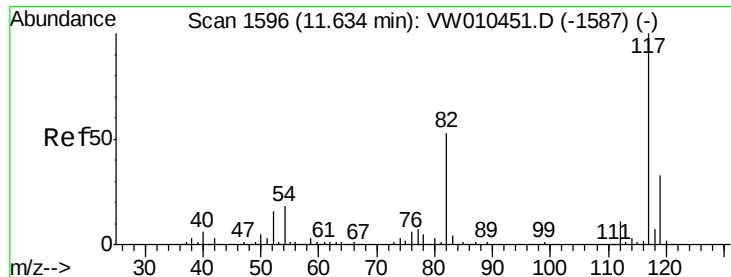
Tot Ion: 107 Resp: 71845
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.254 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion: 95 Resp: 116311
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 148.6
 176 71.4 0.0 144.2

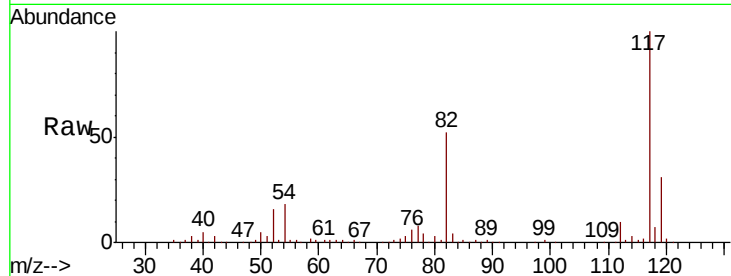




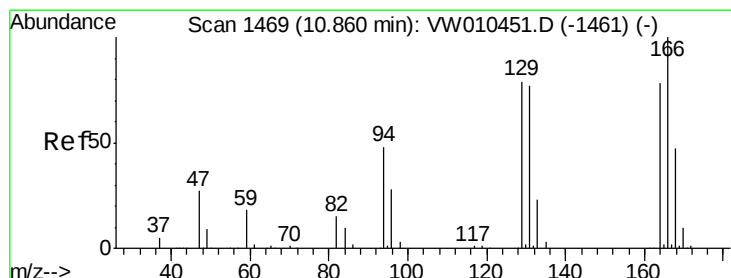
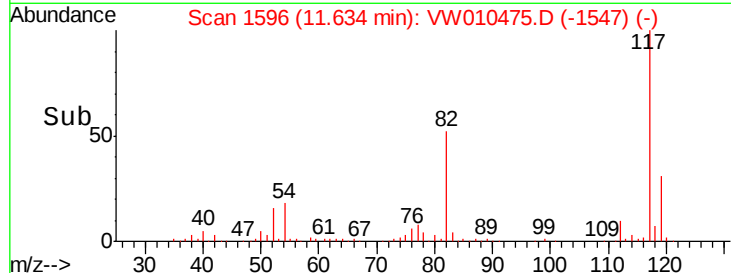
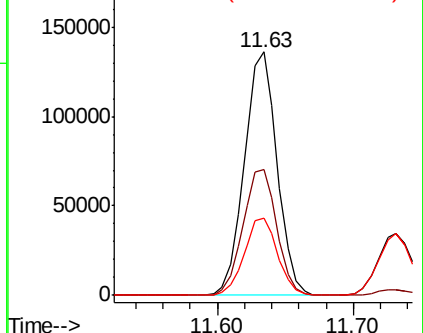
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 228628
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 31.5 26.3 39.5

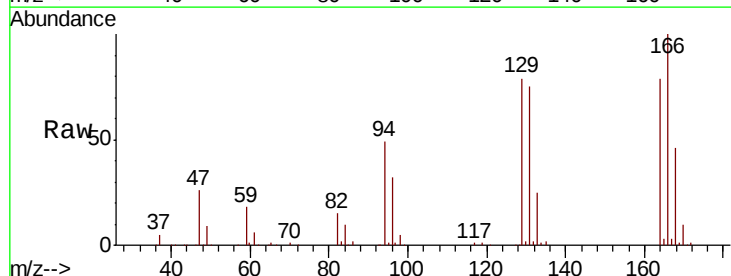


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

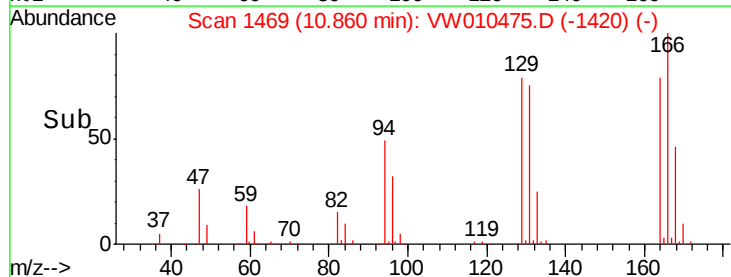
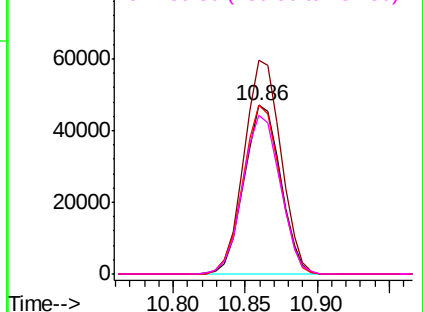


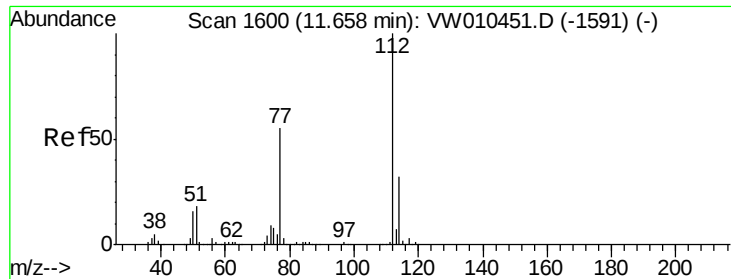
#64
Tetrachloroethene
Concen: 51.889 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:164 Resp: 82698
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 99.8 80.6 121.0
131 94.4 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

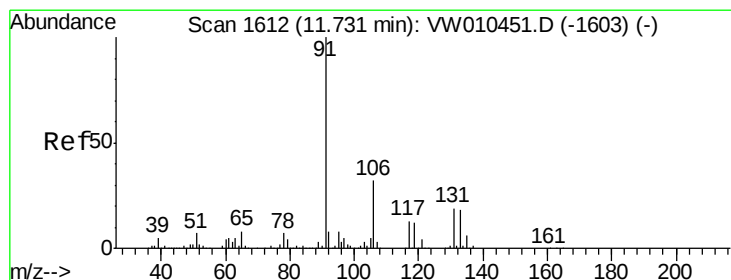
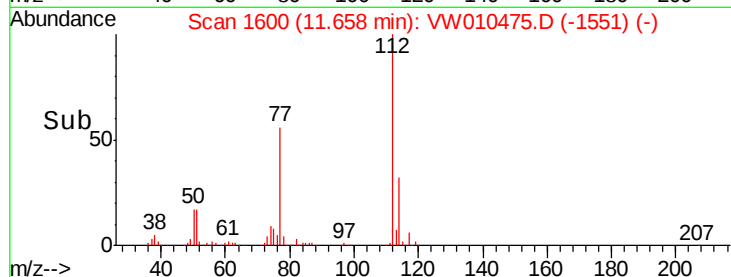
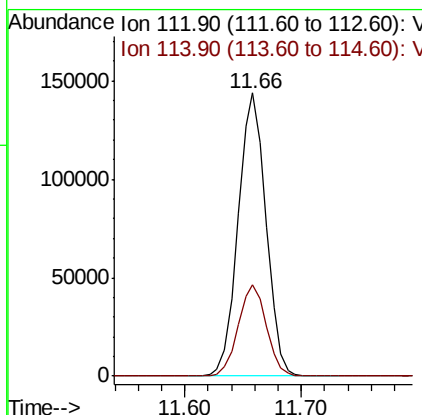
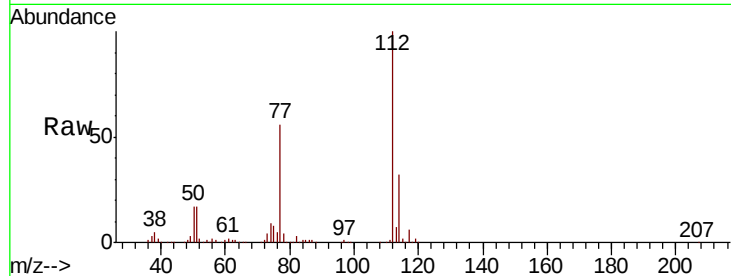




#65
Chlorobenzene
Concen: 49.189 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

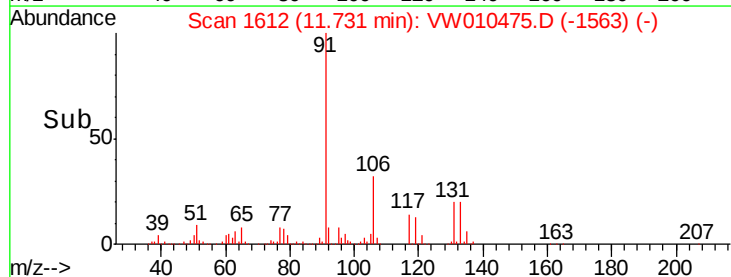
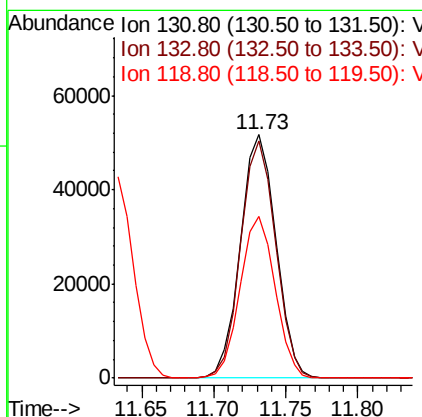
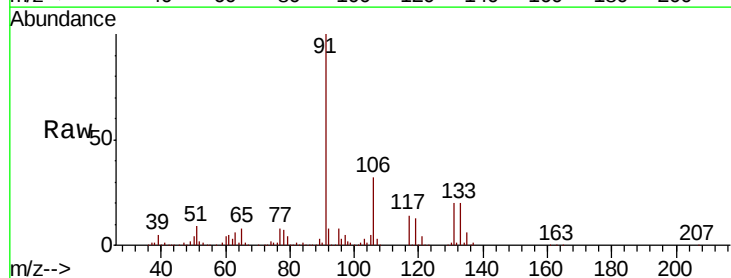
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

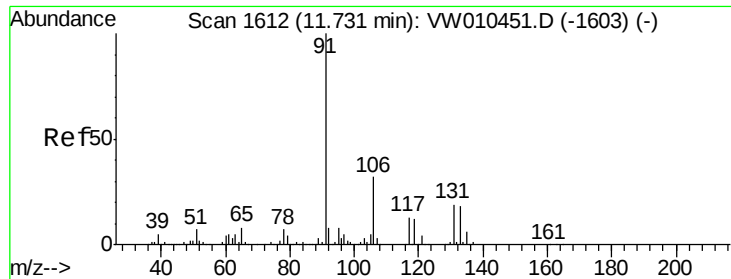
Tot Ion:112 Resp: 239679
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.702 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:131 Resp: 88499
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 65.5 32.1 96.5

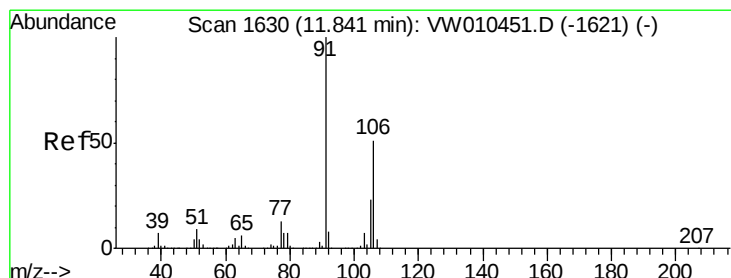
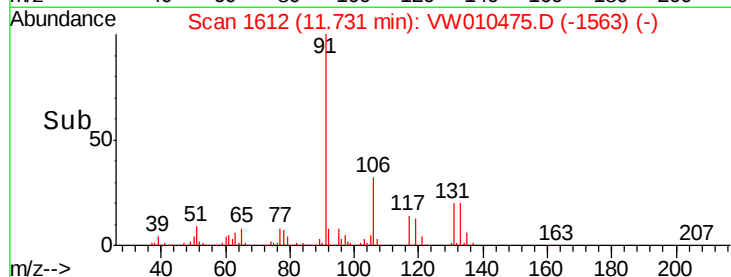
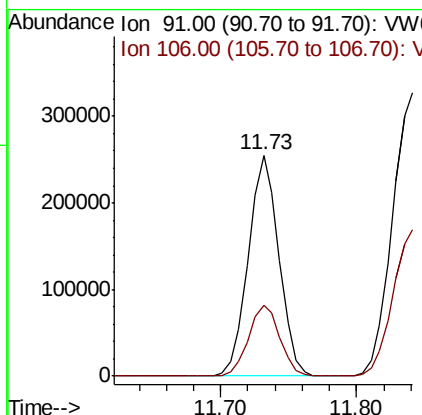
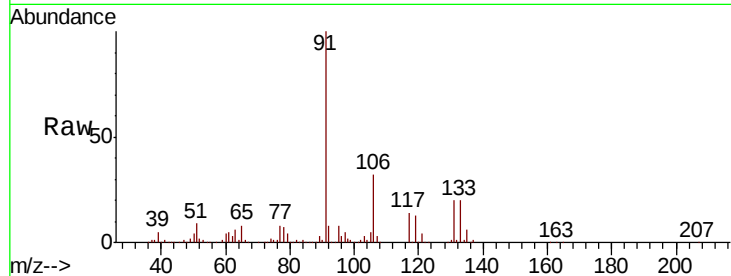




#67
Ethyl Benzene
Concen: 46.699 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

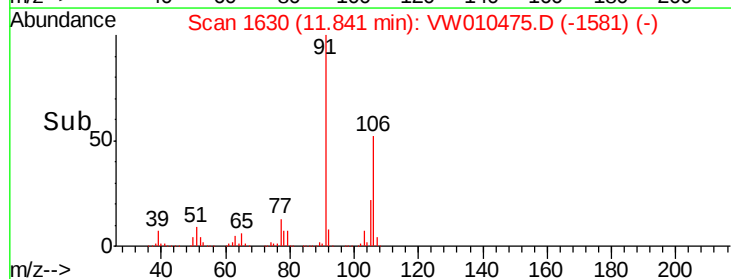
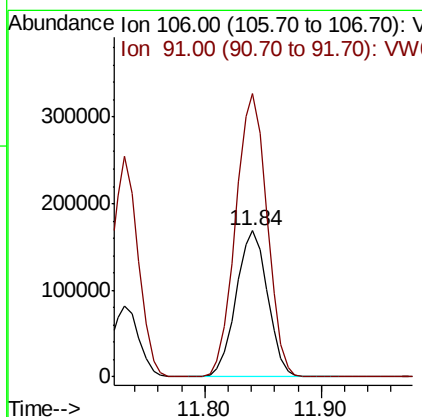
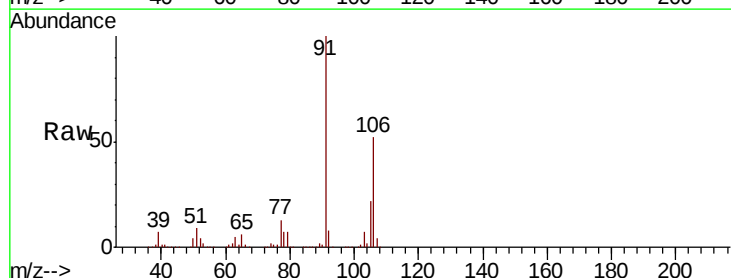
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

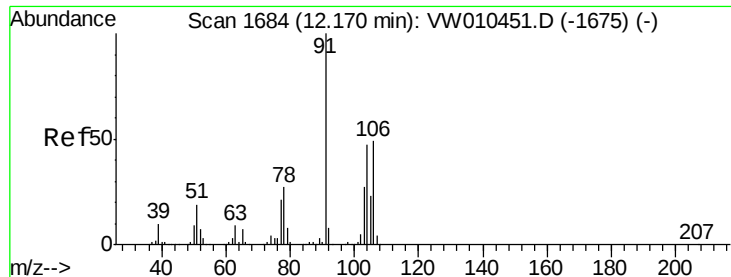
Tot Ion: 91 Resp: 401737
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 93.969 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 106 Resp: 317077
Ion Ratio Lower Upper
106 100
91 194.3 156.0 234.0

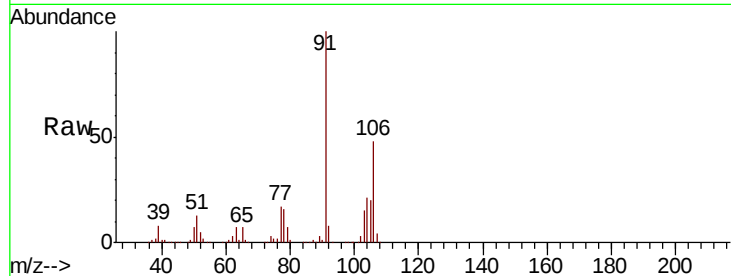




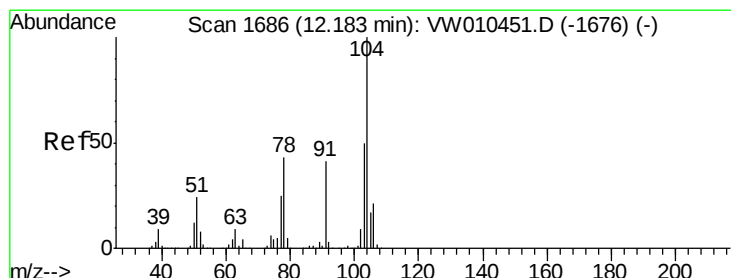
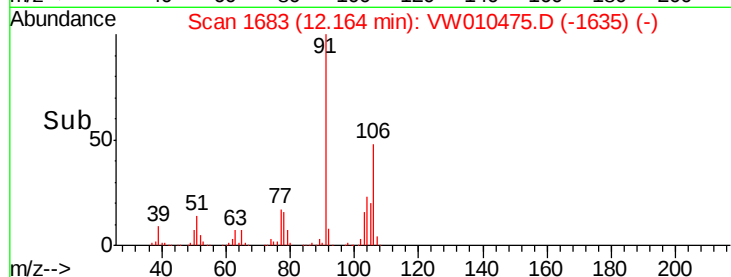
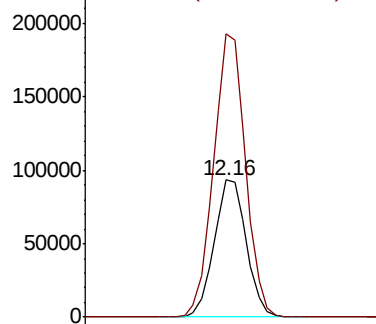
#69
o-Xylene
Concen: 48.125 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 153852
Ion Ratio Lower Upper
106 100
91 205.4 103.2 309.4

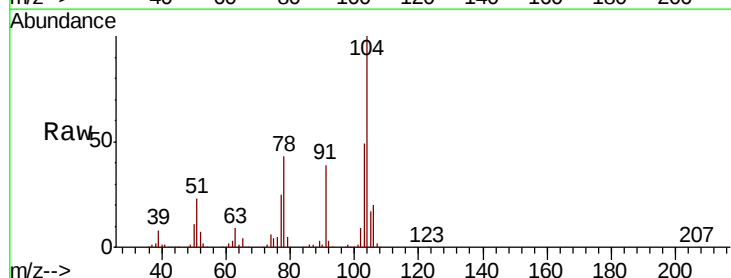


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

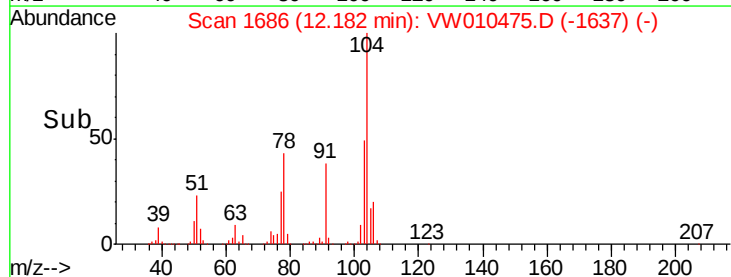
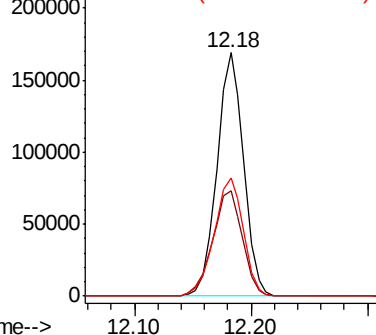


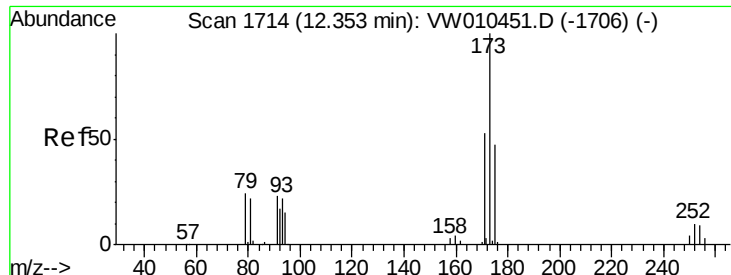
#70
Styrene
Concen: 49.500 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:104 Resp: 268505
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.319 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

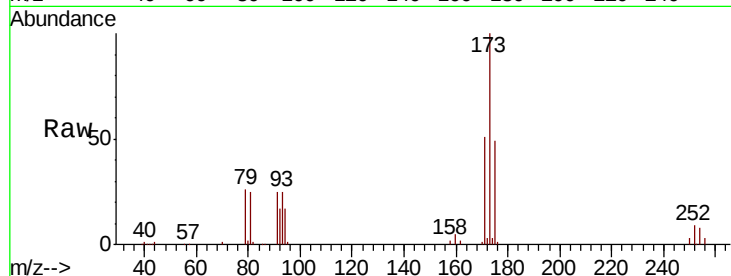
Tot Ion:173 Resp: 51250

Ion Ratio Lower Upper

173 100

175 47.3 24.4 73.4

254 0.0 0.0 0.0

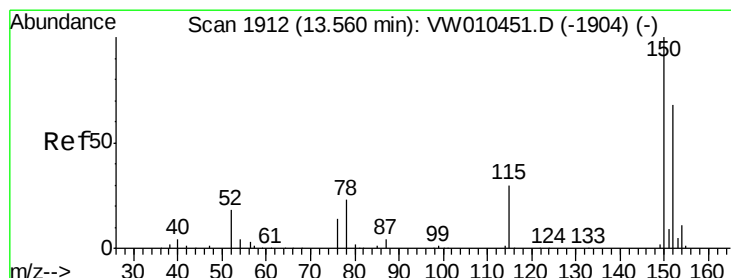
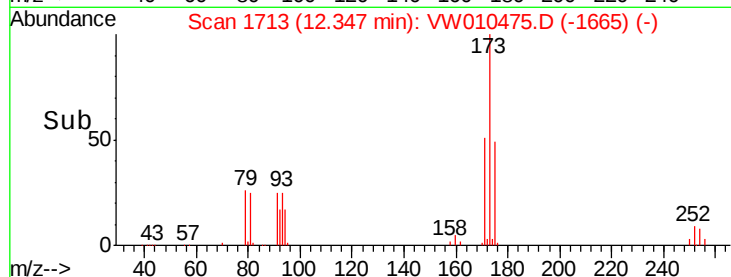
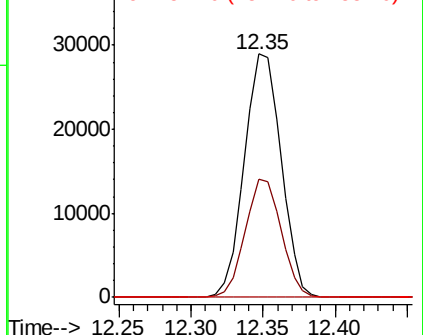


Abundance

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: VW010475.D

Acq: 21 May 2019 05:00

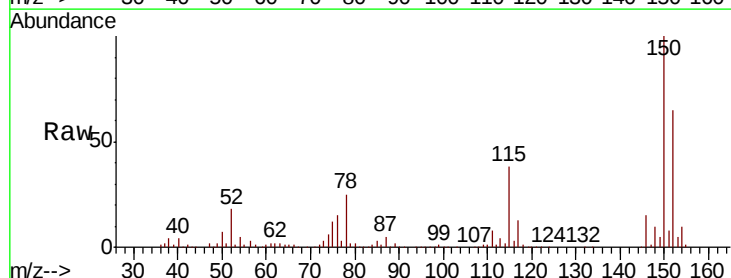
Tgt Ion:152 Resp: 108421

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 173.3 0.0 349.8

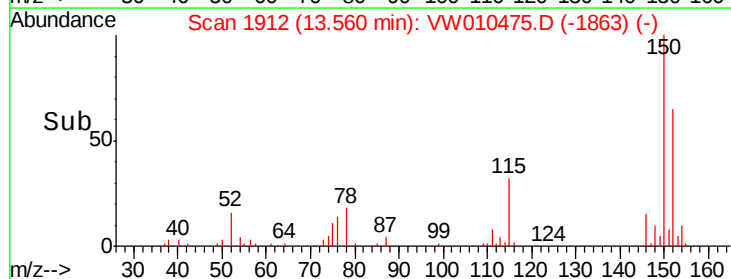
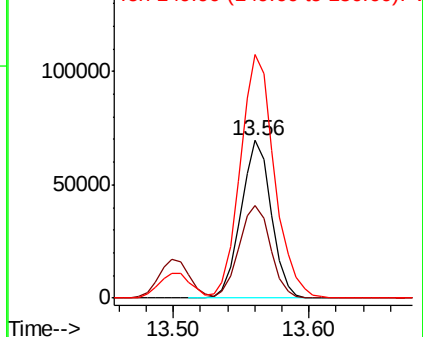


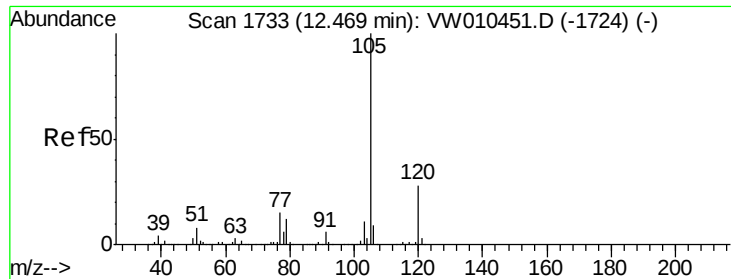
Abundance

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: 45.897 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

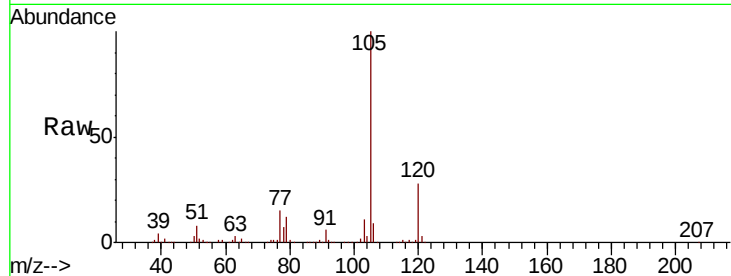
VSTDCCC050EC

Tot Ion:105 Resp: 394879

Ion Ratio Lower Upper

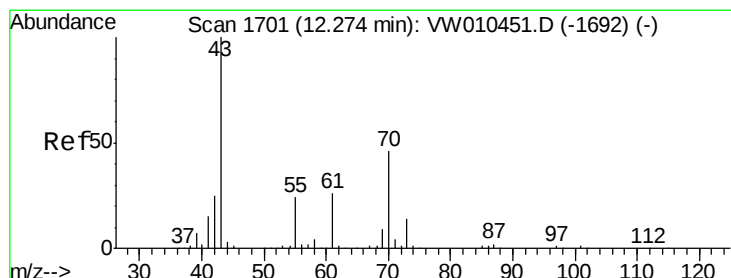
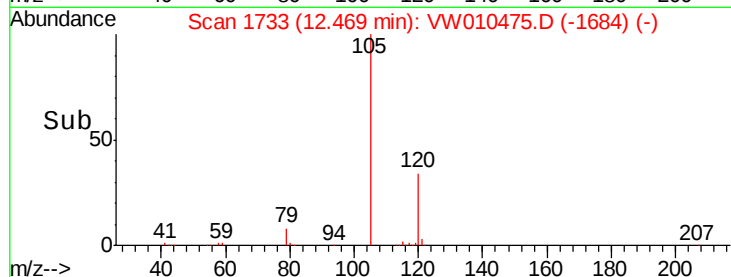
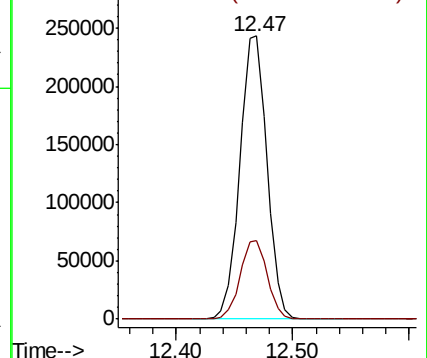
105 100

120 27.7 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: 49.571 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Tgt Ion: 43 Resp: 97731

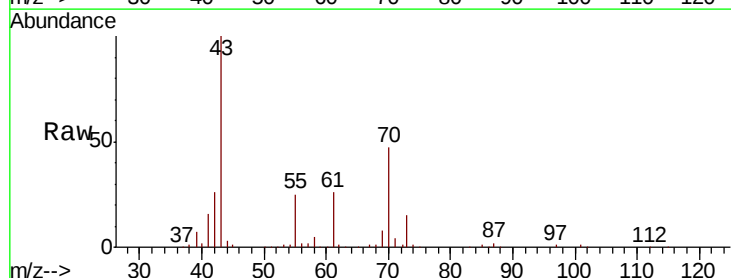
Ion Ratio Lower Upper

43 100

70 47.0 37.1 55.7

55 24.7 19.6 29.4

61 26.0 20.7 31.1

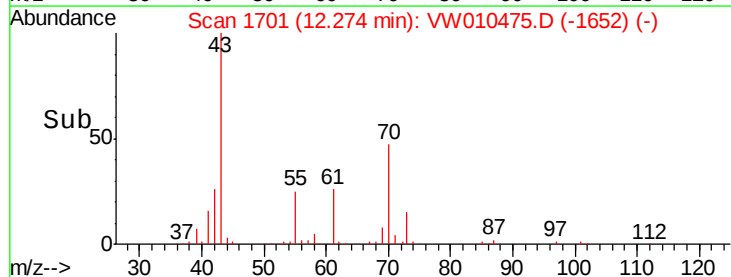
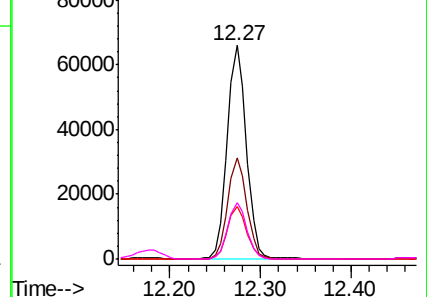


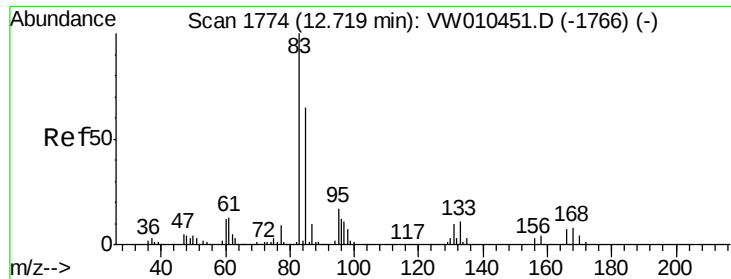
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 52.651 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

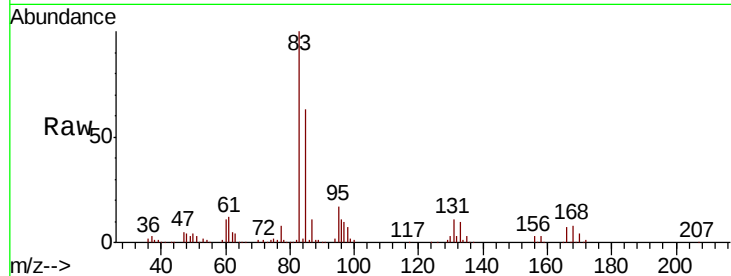
Tot Ion: 83 Resp: 82393

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

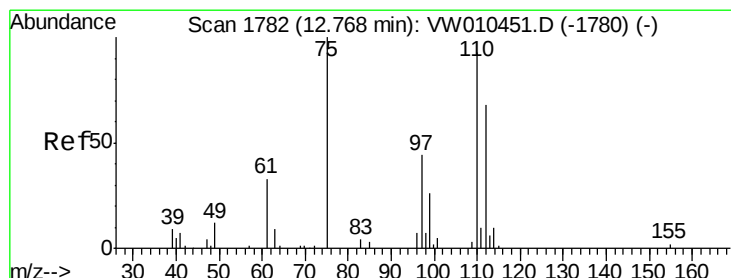
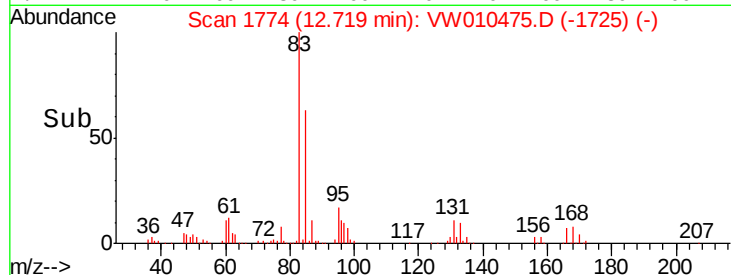
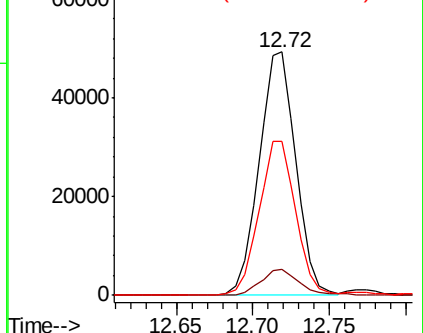
85 63.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.147 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010475.D

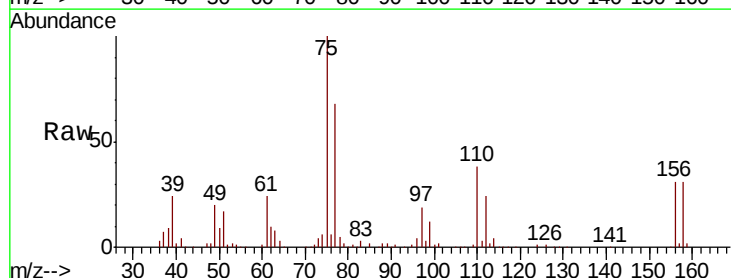
Acq: 21 May 2019 05:00

Tgt Ion: 75 Resp: 100311

Ion Ratio Lower Upper

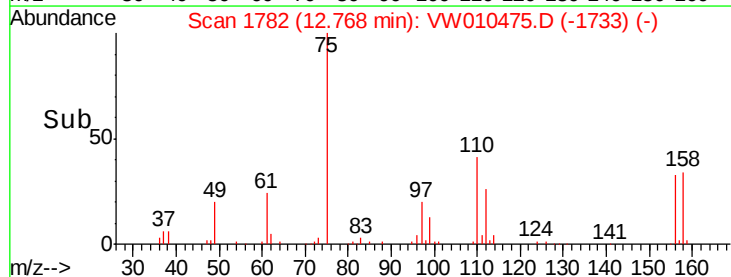
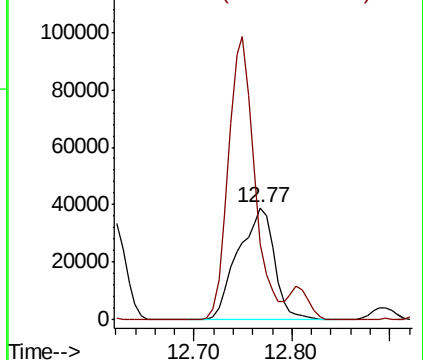
75 100

77 181.8 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.529 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

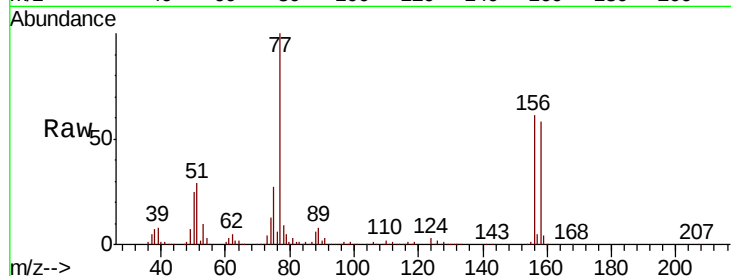
Tot Ion:156 Resp: 99210

Ion Ratio Lower Upper

156 100

77 183.8 92.4 277.2

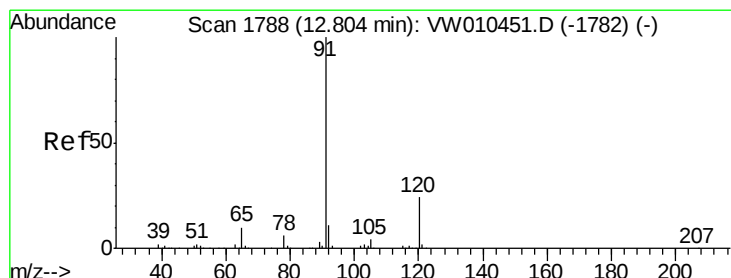
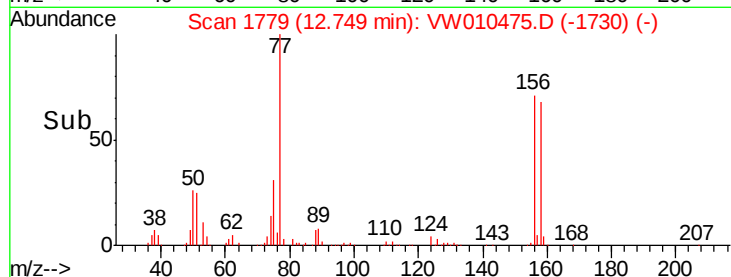
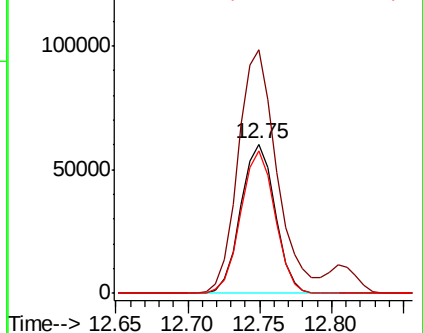
158 95.4 48.3 144.8



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: 44.890 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010475.D

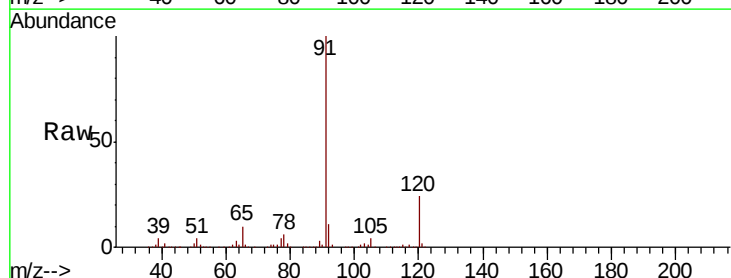
Acq: 21 May 2019 05:00

Tgt Ion: 91 Resp: 450082

Ion Ratio Lower Upper

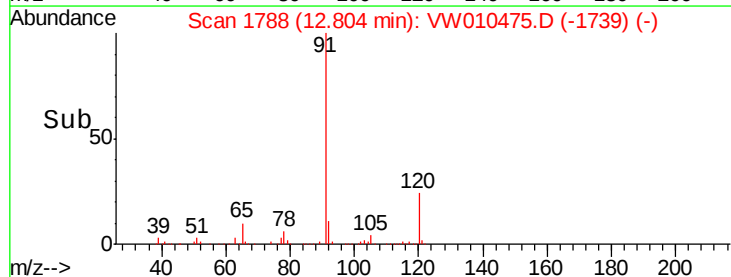
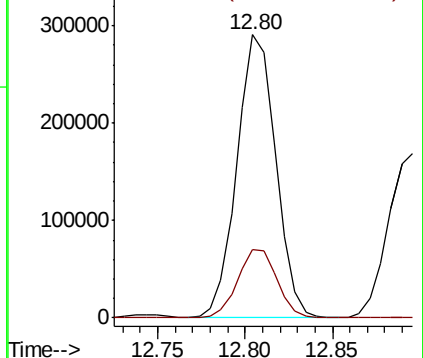
91 100

120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

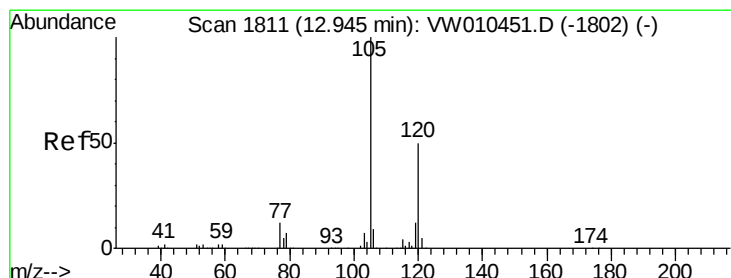
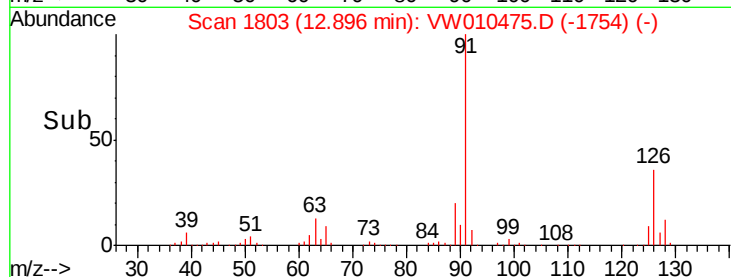
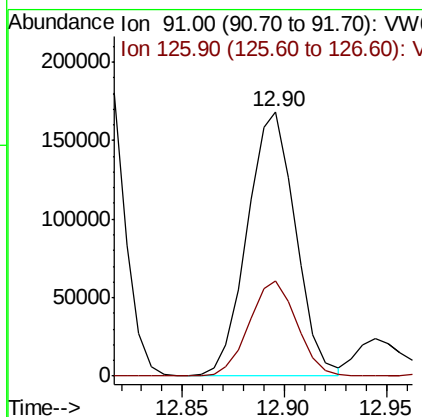
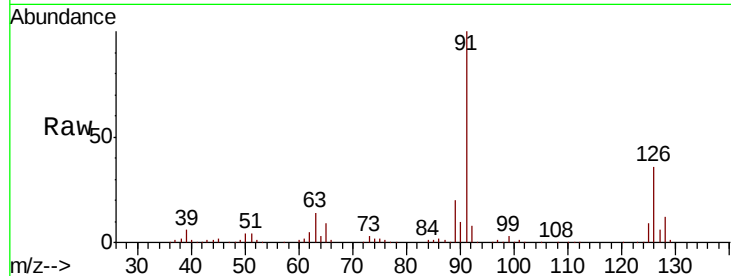




#79
2-Chlorotoluene
Concen: 47.568 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

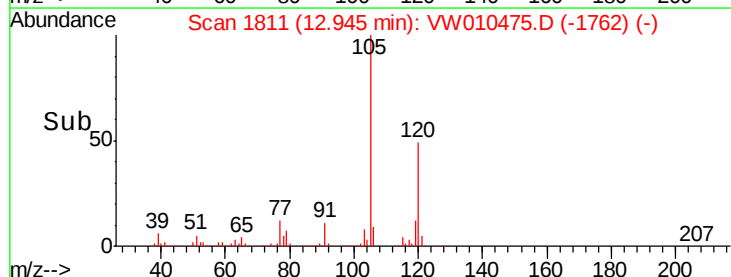
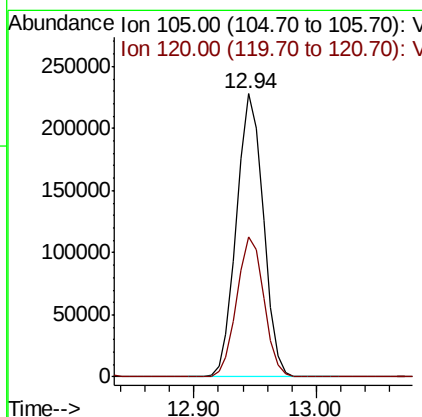
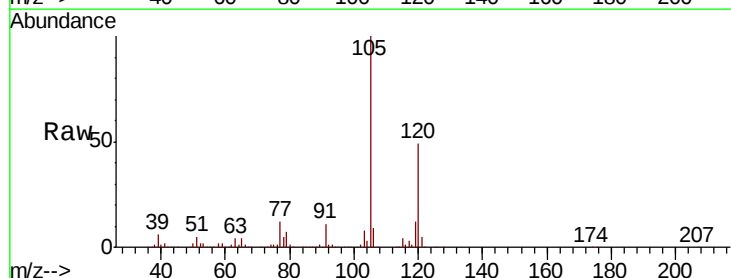
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

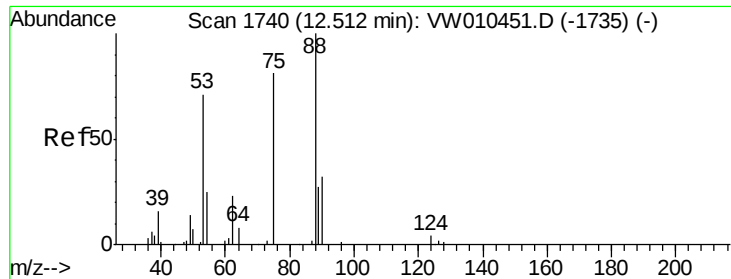
Tot Ion: 91 Resp: 276587
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 47.493 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:105 Resp: 346065
Ion Ratio Lower Upper
105 100
120 49.8 25.2 75.6

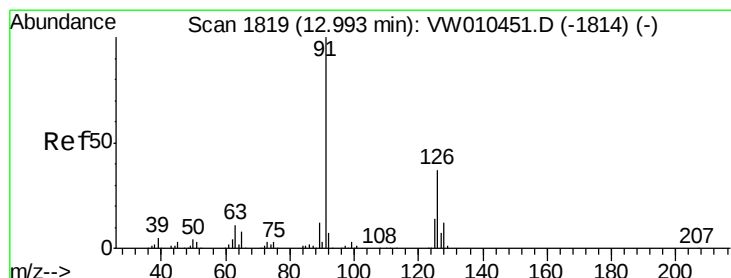
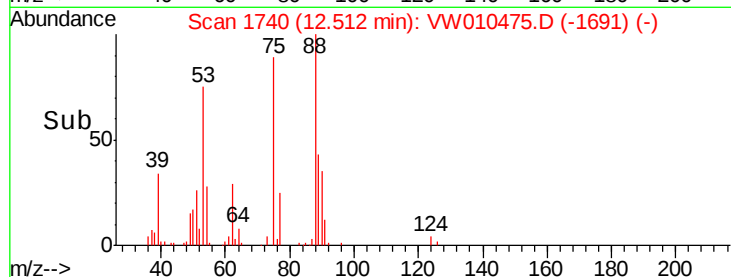
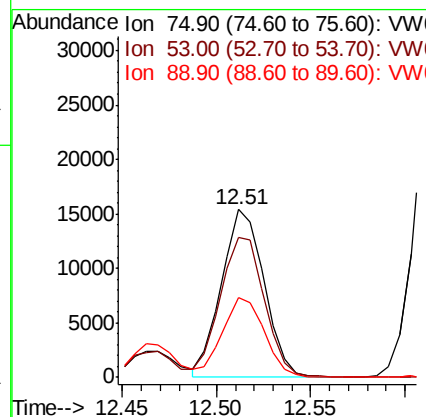
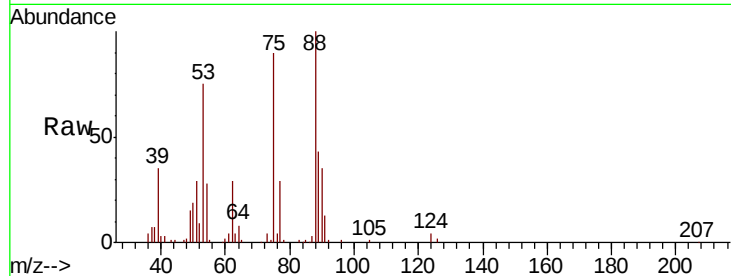




#81
trans-1,4-Dichloro-2-butene
Concen: 45.570 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

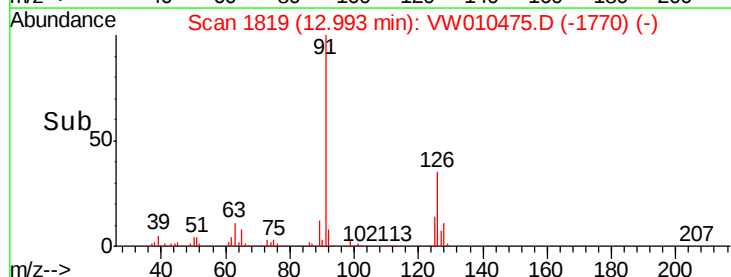
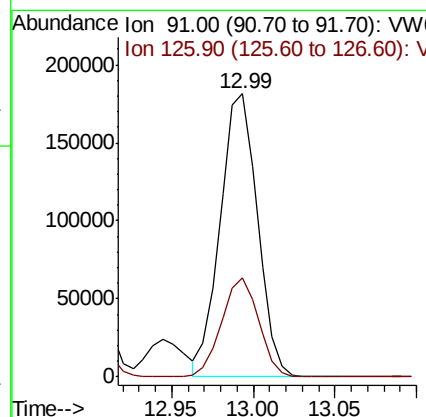
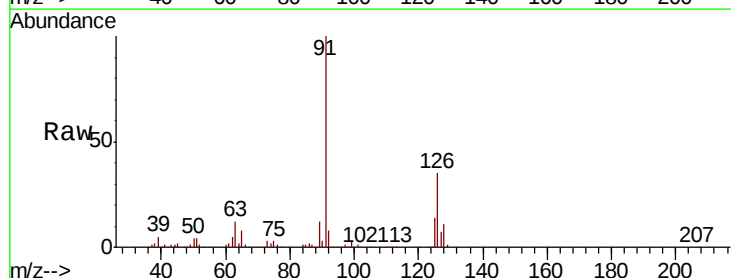
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

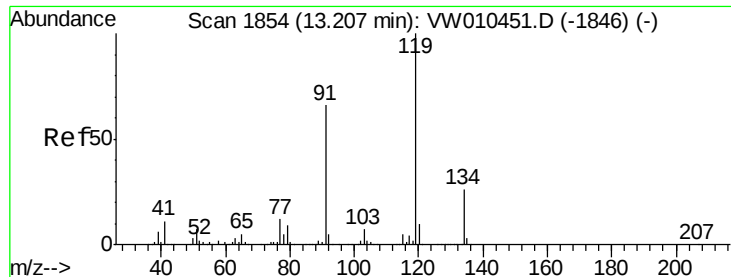
Tot Ion: 75 Resp: 24030
Ion Ratio Lower Upper
75 100
53 87.5 69.8 104.8
89 47.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 47.961 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 91 Resp: 289459
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.6

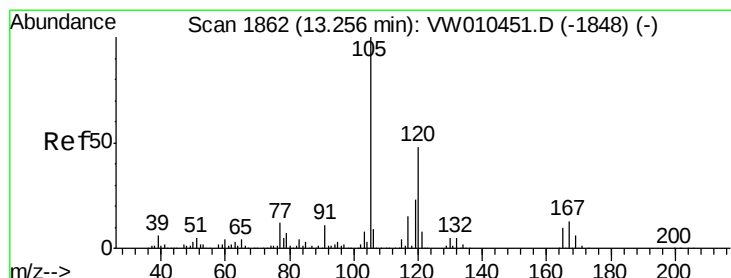
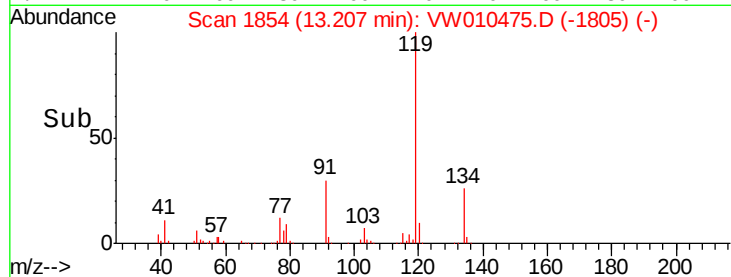
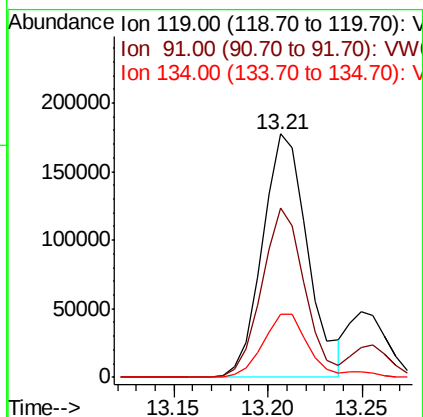
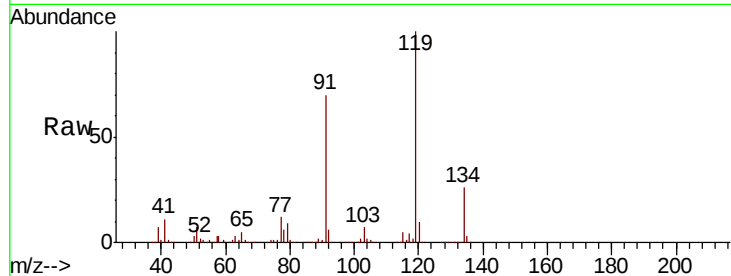




#83
tert-Butylbenzene
Concen: 46.603 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

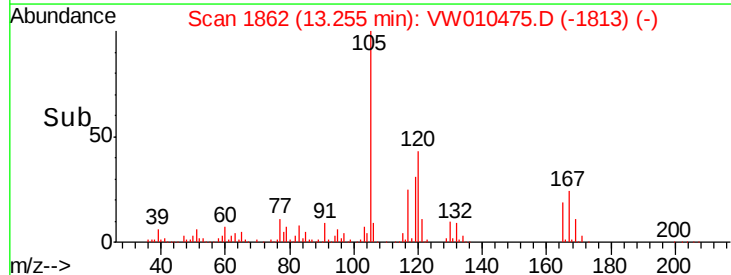
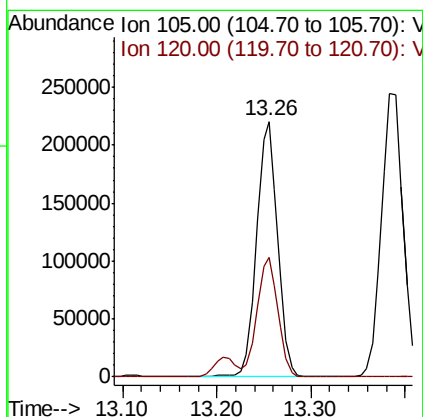
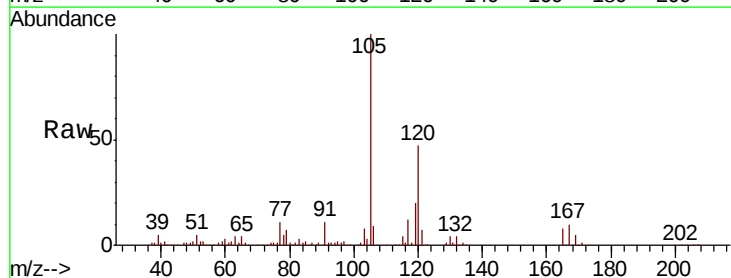
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

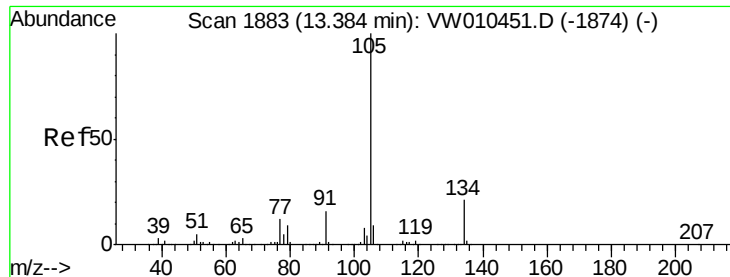
Tot Ion:119 Resp: 296626
Ion Ratio Lower Upper
119 100
91 65.5 33.1 99.5
134 26.8 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 47.663 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion:105 Resp: 345904
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2





#85

sec-Butylbenzene

Concen: 43.951 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

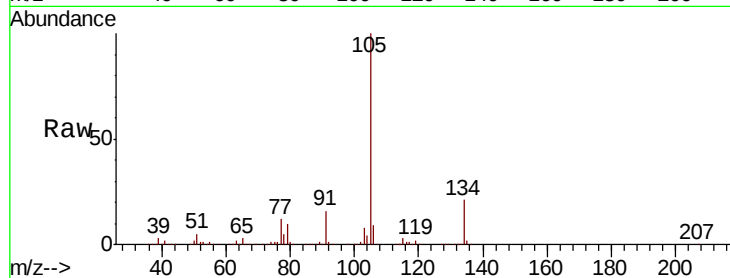
VSTDCCC050EC

Tot Ion:105 Resp: 391488

Ion Ratio Lower Upper

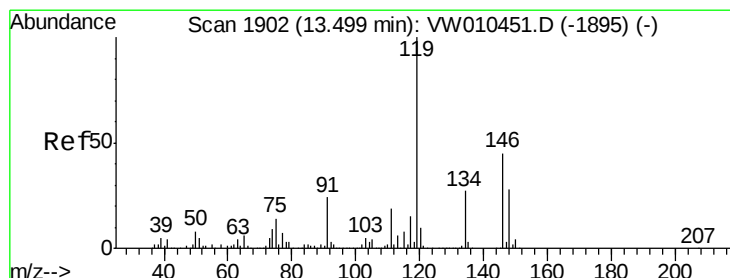
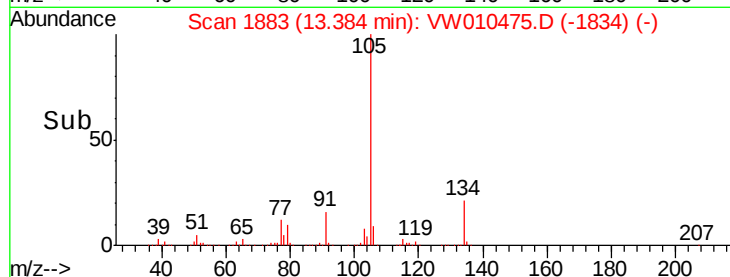
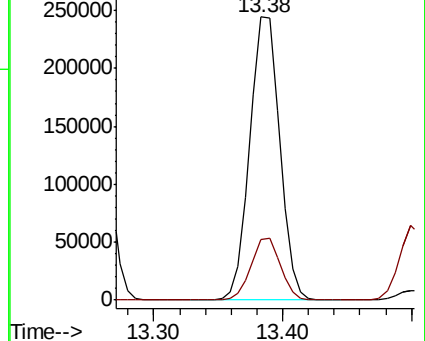
105 100

134 21.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.373 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

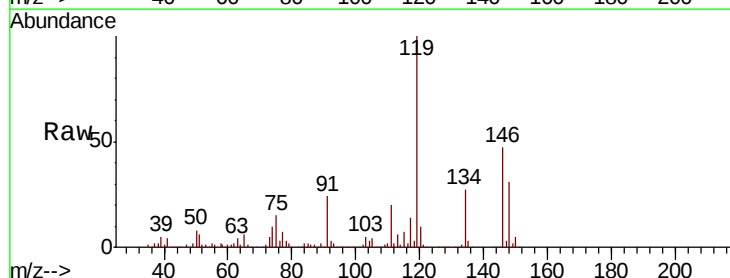
Tgt Ion:119 Resp: 357752

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

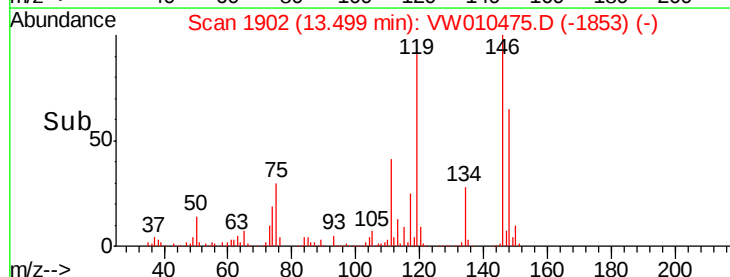
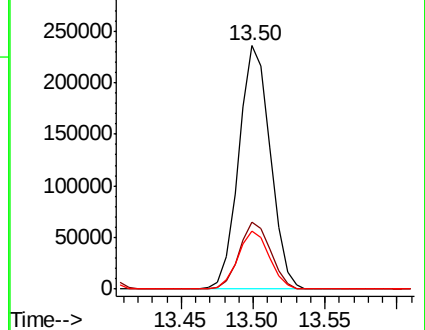
91 23.7 11.9 35.7

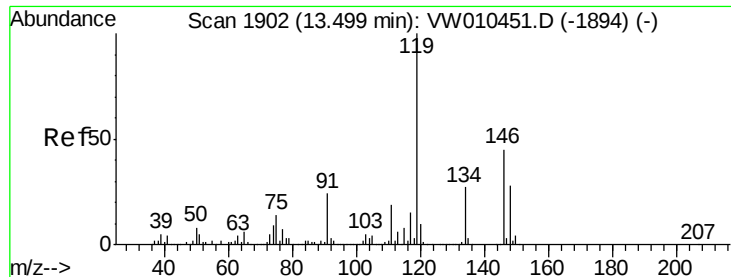


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.156 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

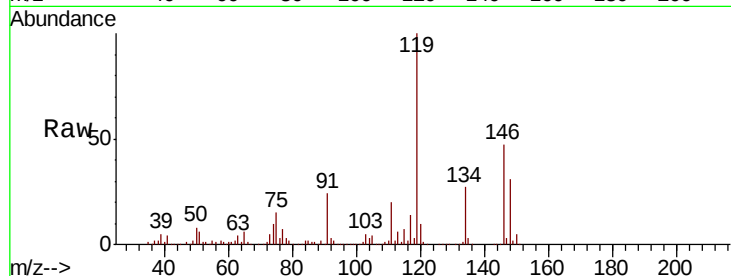
Tot Ion:146 Resp: 181900

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

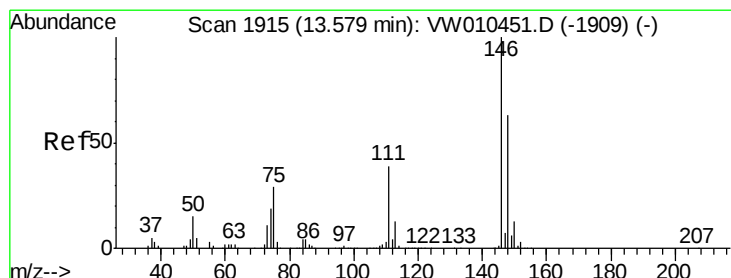
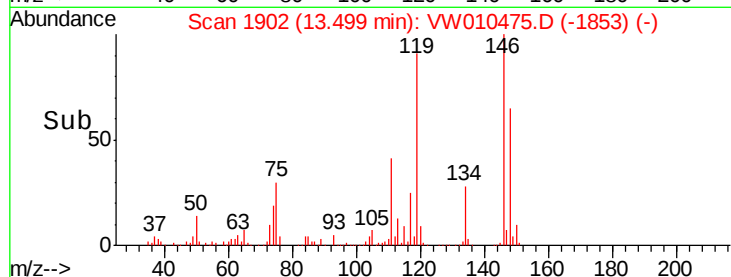
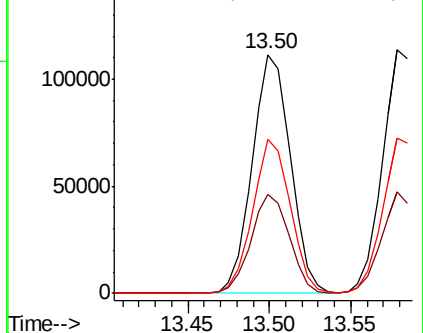
148 63.5 31.6 94.8



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



#88

1,4-Dichlorobenzene

Concen: 48.406 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

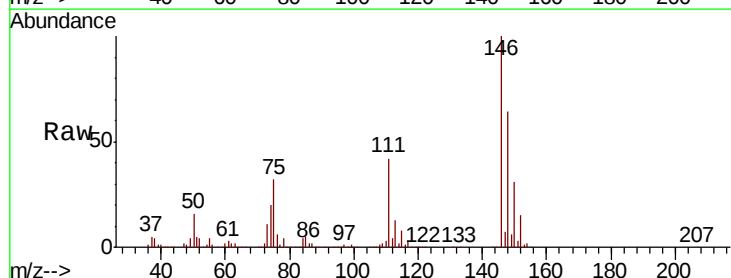
Tgt Ion:146 Resp: 183454

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.6

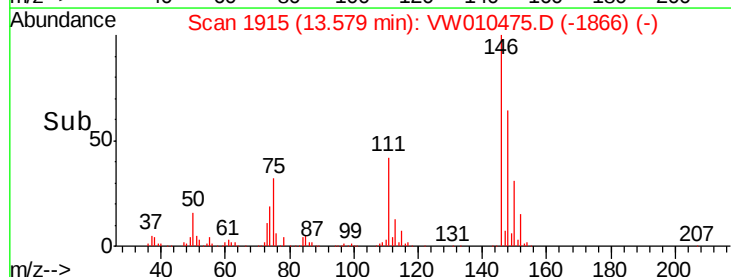
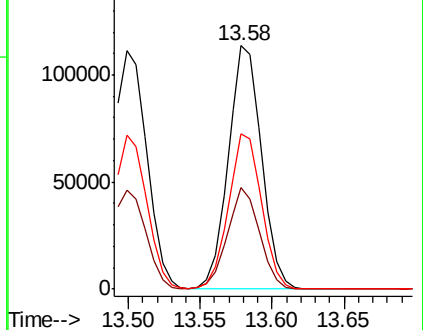
148 63.5 31.6 94.8

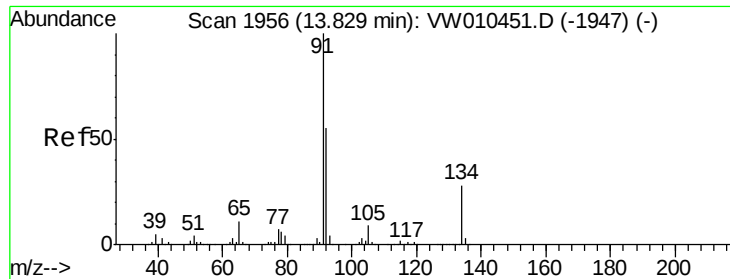


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

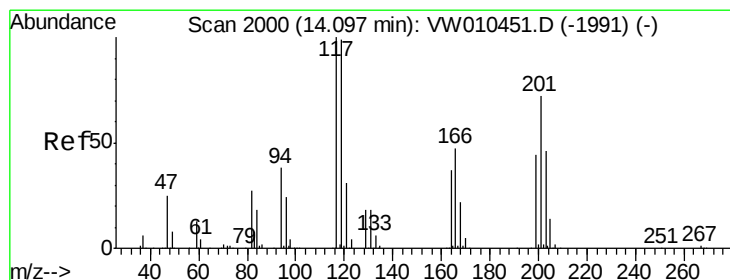
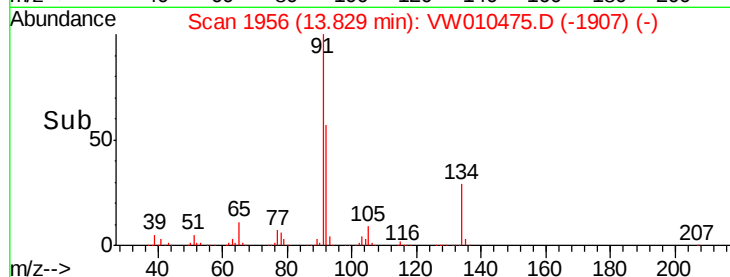
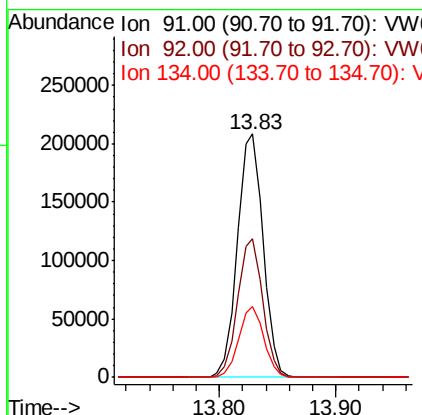
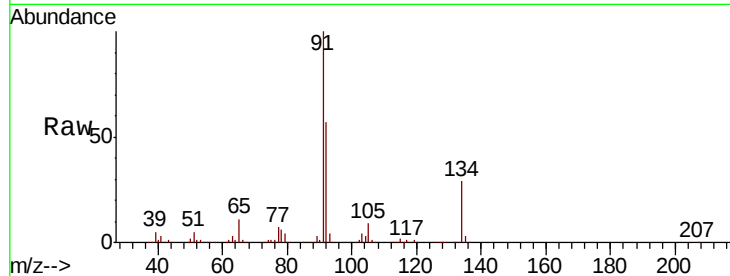




#89
n-Butylbenzene
Concen: 41.819 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

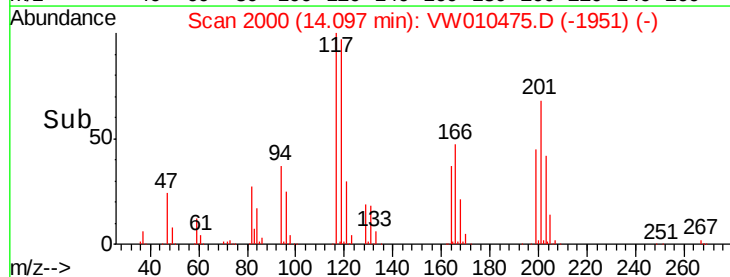
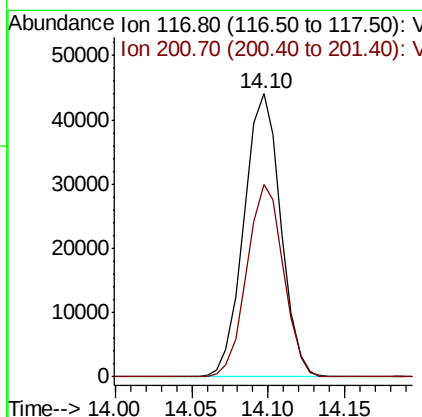
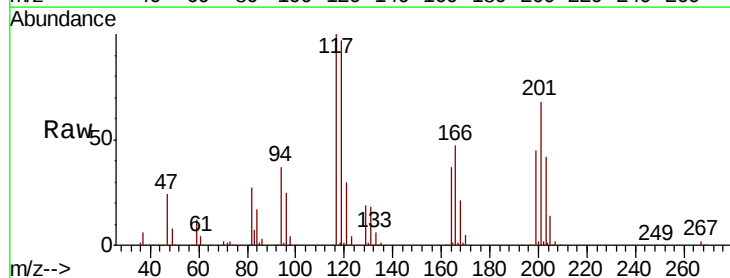
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

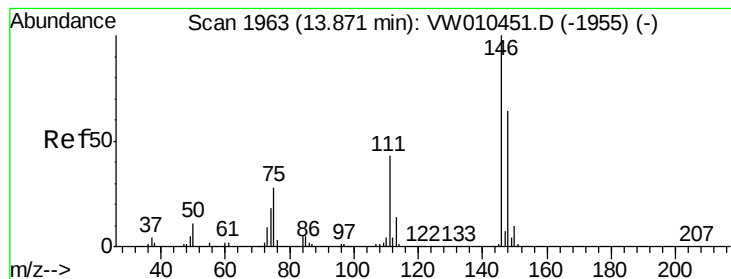
Tot Ion: 91 Resp: 320699
Ion Ratio Lower Upper
91 100
92 55.6 27.7 83.1
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 47.116 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010475.D
Acq: 21 May 2019 05:00

Tgt Ion: 117 Resp: 73526
Ion Ratio Lower Upper
117 100
201 67.8 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 50.205 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

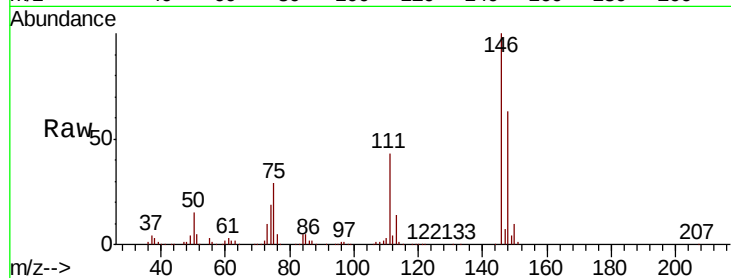
Tot Ion:146 Resp: 172795

Ion Ratio Lower Upper

146 100

111 42.7 21.3 64.0

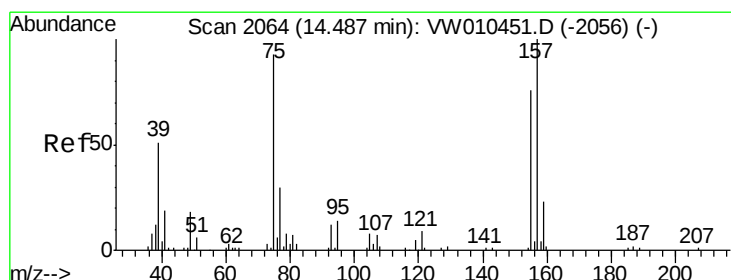
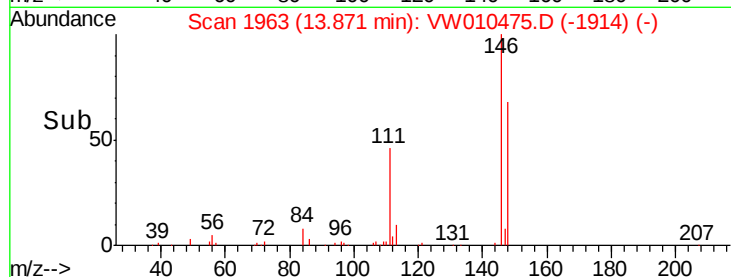
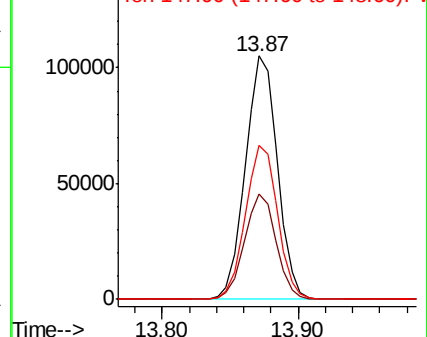
148 63.5 32.0 96.0



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: 49.378 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

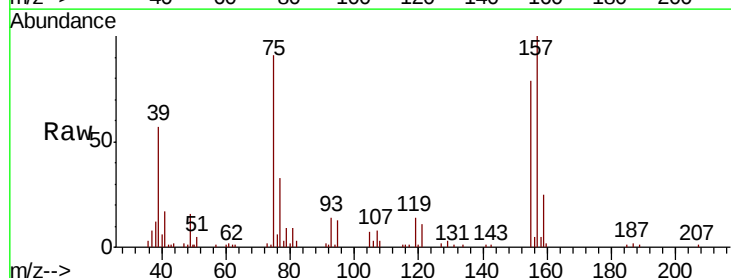
Tgt Ion: 75 Resp: 14368

Ion Ratio Lower Upper

75 100

155 87.2 43.0 129.0

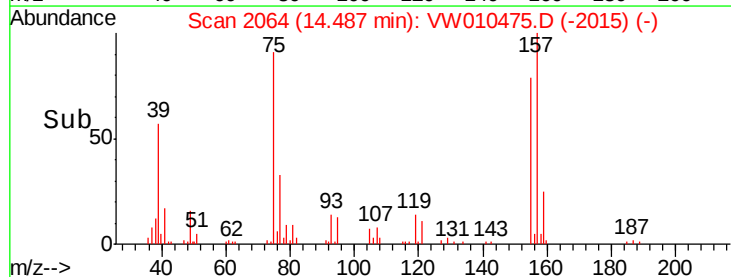
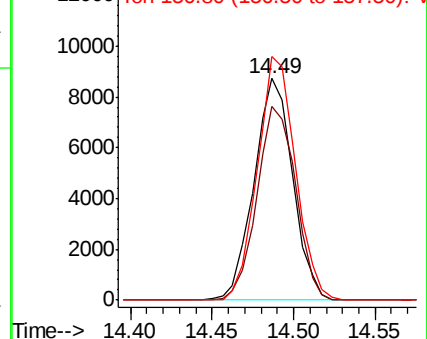
157 107.8 55.7 167.1

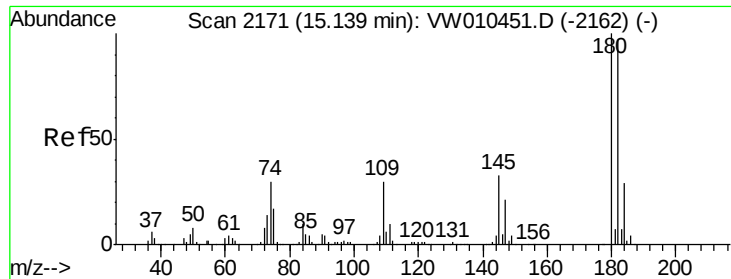


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

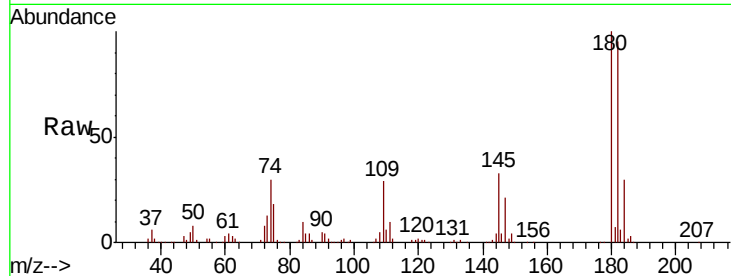




#93
 1,2,4-Trichlorobenzene
 Concen: 44.986 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.2
145	33.1	16.7	50.0

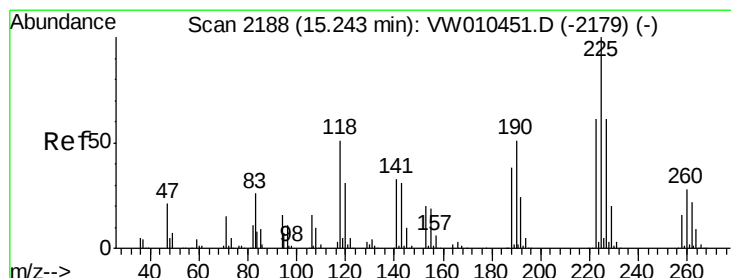
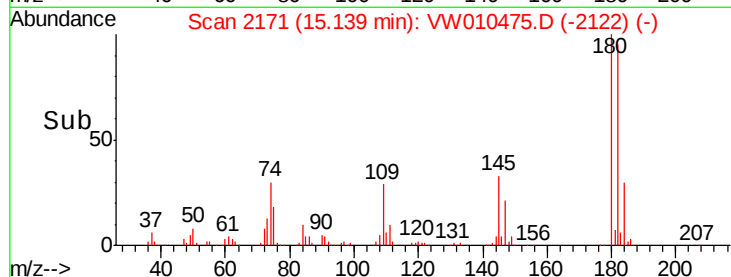
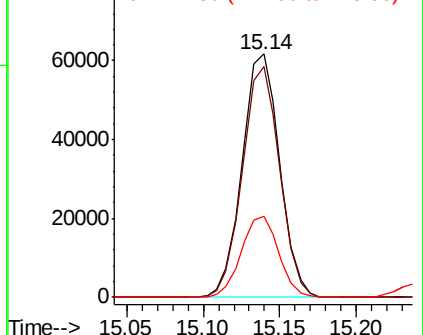


Abundance

Ion 179.80 (179.50 to 180.50): V

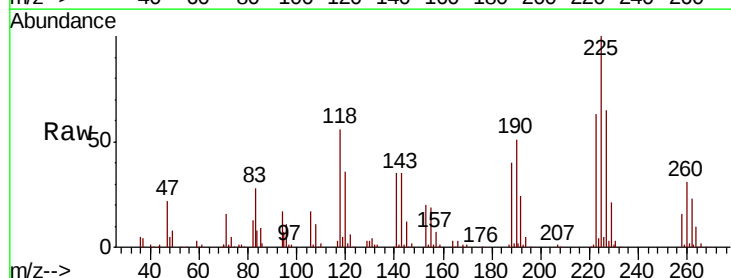
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 40.962 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010475.D
 Acq: 21 May 2019 05:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.2
227	64.3	31.1	93.5

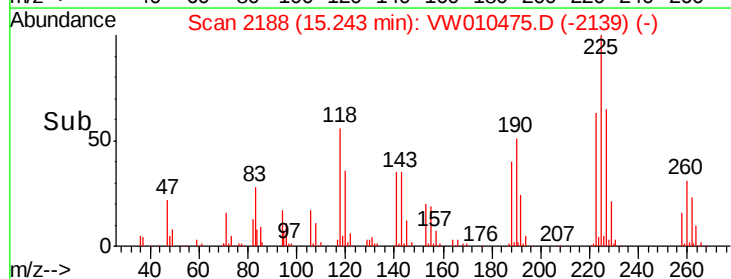
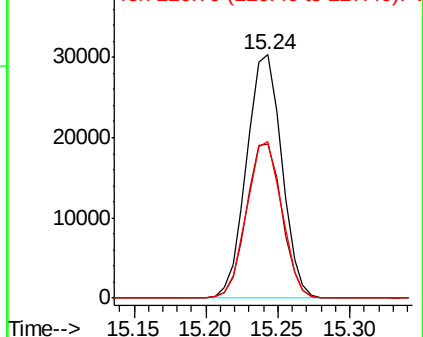


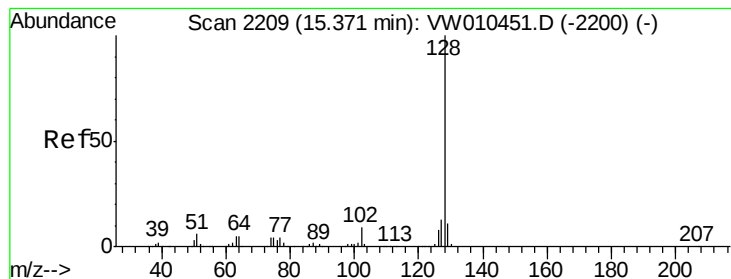
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.054 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

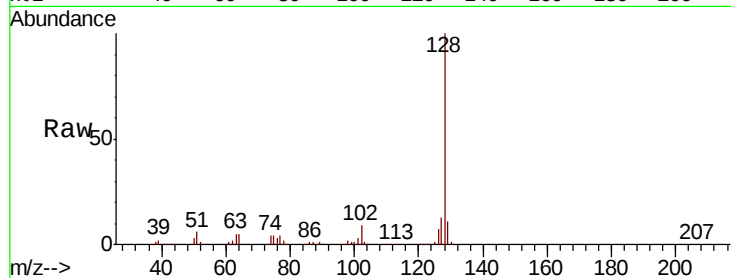
Tot Ion:128 Resp: 236216

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

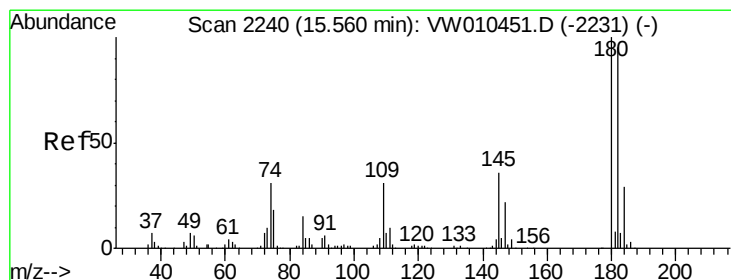
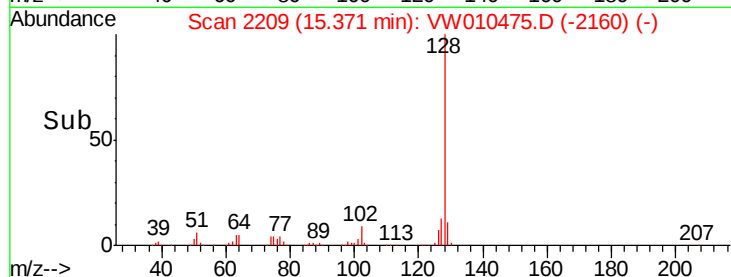
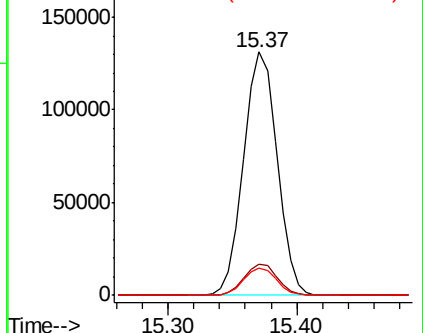
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.151 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010475.D

Acq: 21 May 2019 05:00

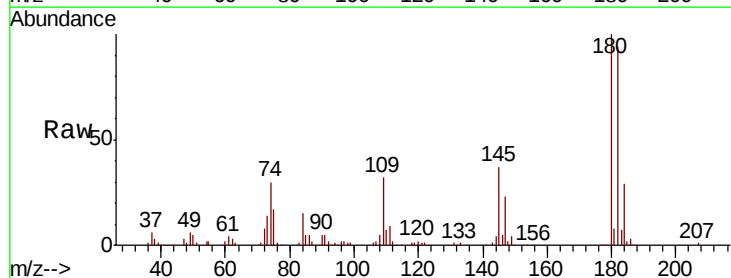
Tgt Ion:180 Resp: 90979

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 37.0 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

