

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010392.D
 Acq On : 11 May 2019 20:25
 Operator : SY/VA
 Sample : K2719-02MS
 Misc : 3.56G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 00:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	622360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	951096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	502961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	482223	72.88	ug/l	0.00
Spiked Amount			Recovery	=	145.76%	
35) Dibromofluoromethane	7.88	113	387765	69.67	ug/l	0.00
Spiked Amount			Recovery	=	139.34%	
50) Toluene-d8	10.32	98	989859	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	
62) 4-Bromofluorobenzene	12.62	95	163322	20.47	ug/l	0.00
Spiked Amount			Recovery	=	40.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	344029	71.880	ug/l	99
3) Chloromethane	2.21	50	264401	41.502	ug/l	100
4) Vinyl Chloride	2.37	62	562646	71.064	ug/l	99
5) Bromomethane	2.78	94	93771	20.538	ug/l	97
6) Chloroethane	2.93	64	358215	78.234	ug/l	97
7) Trichlorofluoromethane	3.26	101	182498	46.044	ug/l	96
8) Diethyl Ether	3.67	74	305982	87.815	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	320753	49.388	ug/l	96
10) Methyl Iodide	4.27	142	111886	12.165	ug/l	98
11) Tert butyl alcohol	5.18	59	166918	357.222	ug/l	100
12) 1,1-Dichloroethene	4.04	96	369790	54.490	ug/l	94
14) Allvl chloride	4.66	41	340961	33.658	ug/l	93
15) Acrylonitrile	5.37	53	183590	95.061	ug/l	96
16) Acetone	4.12	43	766396	444.318	ug/l	92
17) Carbon Disulfide	4.38	76	799249	38.940	ug/l	98
18) Methyl Acetate	4.67	43	247023	57.818	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	686047	84.920	ug/l	99
20) Methylene Chloride	4.91	84	572222	79.537	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	434880	59.532	ug/l	97
22) Diisopropyl ether	6.31	45	1585804	80.660	ug/l	93
23) Vinyl Acetate	6.31	43	820491	60.778	ug/l #	76
24) 1,1-Dichloroethane	6.21	63	922021	69.657	ug/l	99
25) 2-Butanone	7.17	43	632369	239.649	ug/l	96
26) 2,2-Dichloropropane	7.17	77	202390	30.731	ug/l	89
27) cis-1,2-Dichloroethene	7.17	96	458678	61.056	ug/l	95
28) Bromochloromethane	7.51	49	379239	77.712	ug/l	97
29) Tetrahydrofuran	7.53	42	581736	340.846	ug/l	96
30) Chloroform	7.67	83	818751	66.094	ug/l	95
31) Cyclohexane	7.95	56	419683	30.966	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	521533	54.353	ug/l	99
36) 1,1-Dichloropropene	8.08	75	460285	44.634	ug/l	99
37) Ethyl Acetate	7.17	43	632369	115.170	ug/l #	1
38) Carbon Tetrachloride	8.07	117	425223	48.102	ug/l	99
39) Methylcyclohexane	9.34	83	244640	19.392	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010392.D
 Acq On : 11 May 2019 20:25
 Operator : SY/VA
 Sample : K2719-02MS
 Misc : 3.56G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 00:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.32	78	1664060	58.921	ug/l	99
41) Methacrylonitrile	7.53	41	357066	115.958	ug/l #	50
42) 1,2-Dichloroethane	8.40	62	597727	73.939	ug/l	97
44) Trichloroethene	9.09	130	308828	43.679	ug/l	99
45) 1,2-Dichloropropane	9.37	63	454862	64.793	ug/l	99
46) Dibromomethane	9.46	93	254450	70.160	ug/l	99
47) Bromodichloromethane	9.64	83	500915	57.579	ug/l	98
48) Methyl methacrylate	9.44	41	12365	2.872	ug/l	93
49) 1,4-Dioxane	9.45	88	91583	1448.036	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	791694	151.620	ug/l	96
52) Toluene	10.39	92	735315	42.597	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	145957	16.563	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	165041	15.815	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	298959	58.038	ug/l	99
57) 1,3-Dichloropropane	10.93	76	525986	57.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122387	37.579	ug/l	99
59) 2-Hexanone	10.97	43	216762	58.714	ug/l	97
60) Dibromochloromethane	11.13	129	256589	46.292	ug/l	99
61) 1,2-Dibromoethane	11.24	107	173476	35.082	ug/l	98
64) Tetrachloroethene	10.86	164	185688	52.822	ug/l	96
65) Chlorobenzene	11.66	112	507561	48.750	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	244605	69.510	ug/l	97
67) Ethyl Benzene	11.73	91	845556	44.147	ug/l	99
68) m/p-Xylenes	11.84	106	595383	83.665	ug/l	99
69) o-Xylene	12.16	106	279728	43.453	ug/l	99
70) Styrene	12.18	104	241620	21.541	ug/l	92
71) Bromoform	12.35	173	108291	53.833	ug/l #	99
73) Isopropylbenzene	12.47	105	547059	69.151	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	246663	141.508	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	248846	196.650	ug/l #	100
77) Bromobenzene	12.75	156	150008	83.977	ug/l	89
78) n-propylbenzene	12.80	91	524396	53.669	ug/l	100
79) 2-Chlorotoluene	12.90	91	328768	59.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	345714	51.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8359	14.918	ug/l	95
82) 4-Chlorotoluene	12.99	91	333599	57.220	ug/l	98
83) tert-Butylbenzene	13.21	119	277827	49.942	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	352048	53.119	ug/l	99
85) sec-Butylbenzene	13.38	105	308127	37.521	ug/l	100
86) p-Isopropyltoluene	13.50	119	219956	30.166	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	166289	46.620	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167376	47.284	ug/l	99
89) n-Butylbenzene	13.83	91	140643	19.237	ug/l	99
90) Hexachloroethane	14.10	117	37231	27.530	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	143565	45.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29960	95.447	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	34703	16.104	ug/l	99
94) Hexachlorobutadiene	15.24	225	19849	14.368	ug/l	97
95) Naphthalene	15.38	128	81433	18.947	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	27584	14.169	ug/l	95

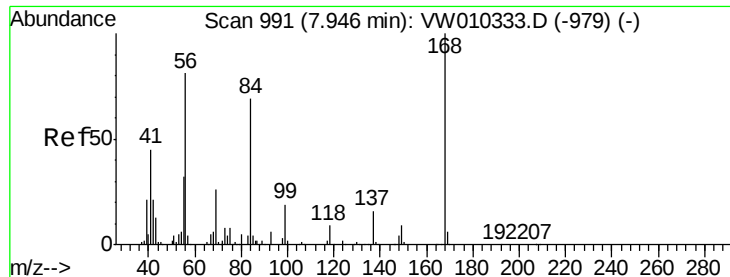
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
Data File : VW010392.D
Acq On : 11 May 2019 20:25
Operator : SY/VA
Sample : K2719-02MS
Misc : 3.56G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 12 00:29:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

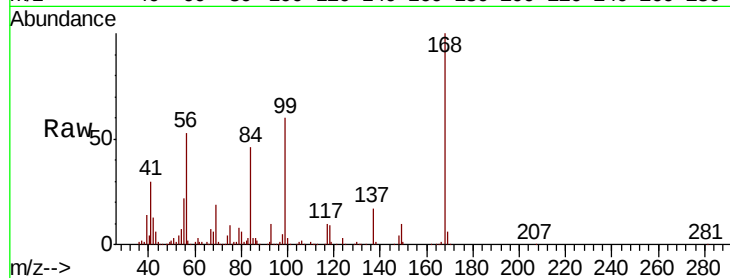
ClientSampleId :

Tot Ion:168 Resp: 622360

Ion Ratio Lower Upper

168 100

99 59.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

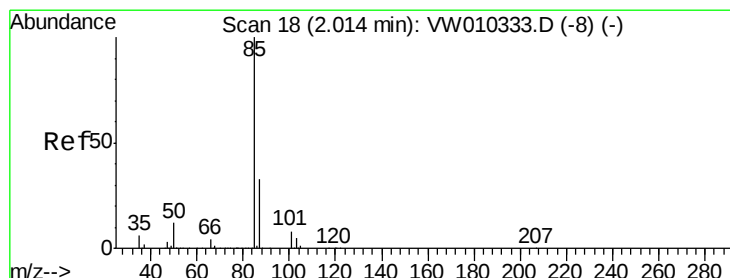
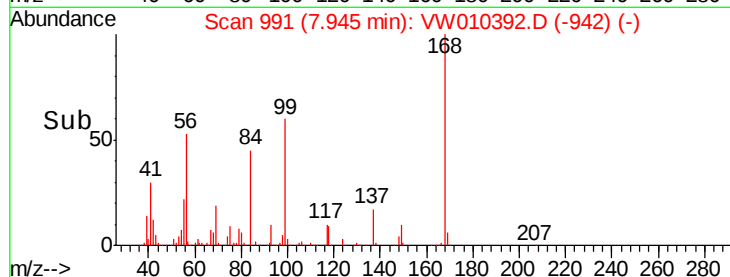
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 71.880 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010392.D

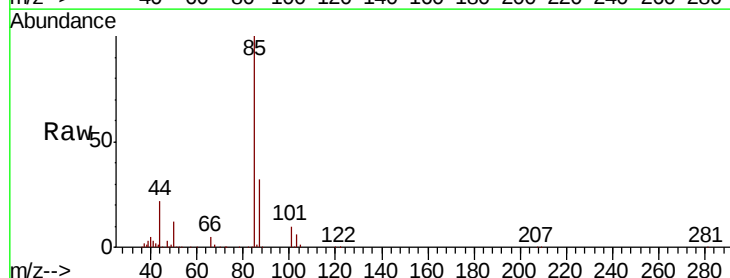
Acq: 11 May 2019 20:25

Tgt Ion: 85 Resp: 344029

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

100000

80000

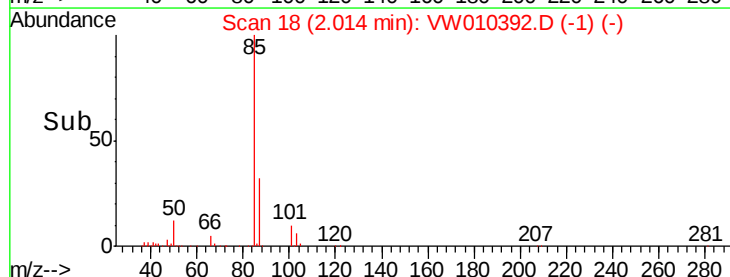
60000

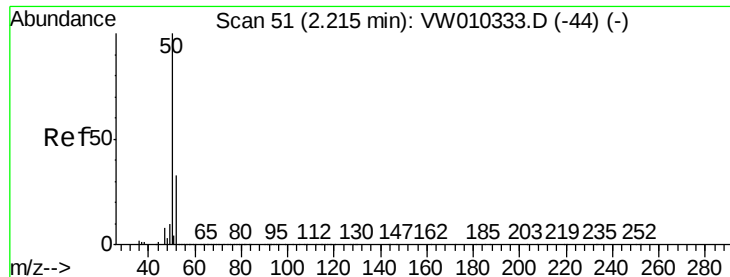
40000

20000

0

Time--> 1.90 2.00 2.10 2.20 2.30

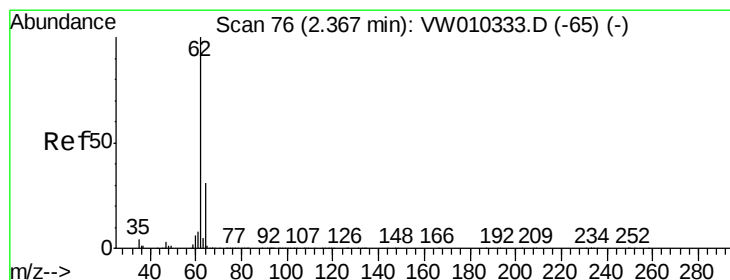
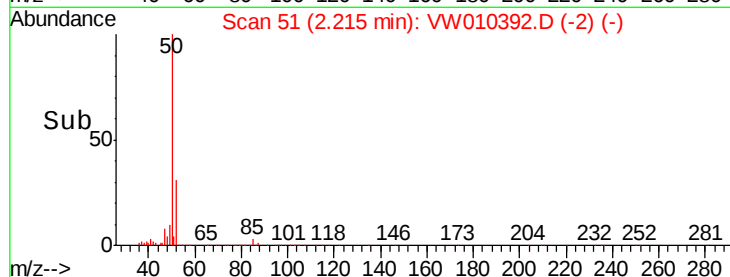
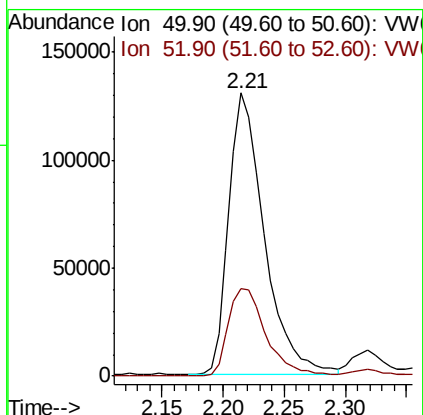
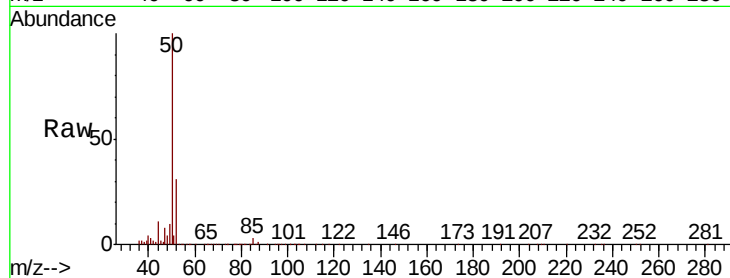




#3
Chloromethane
Concen: 41.502 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

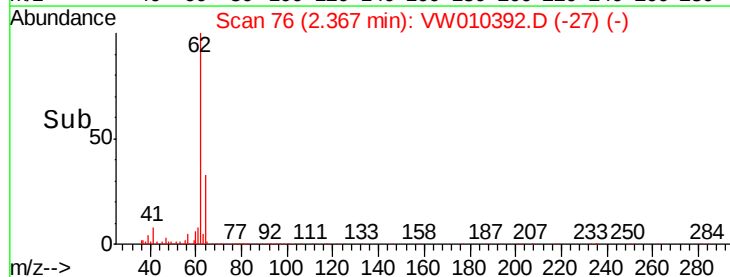
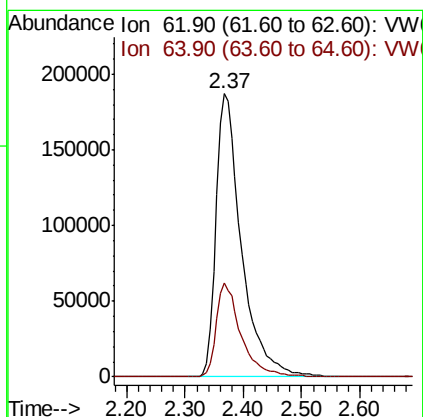
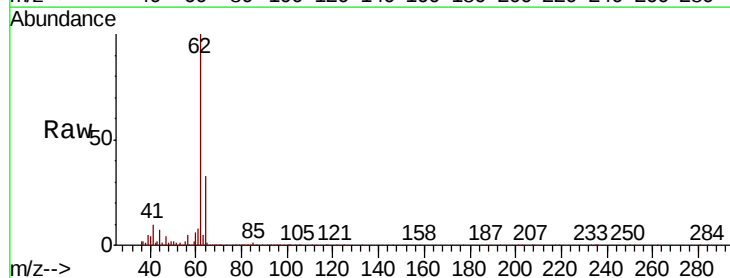
Instrument :
MSVOA_W
ClientSampled :

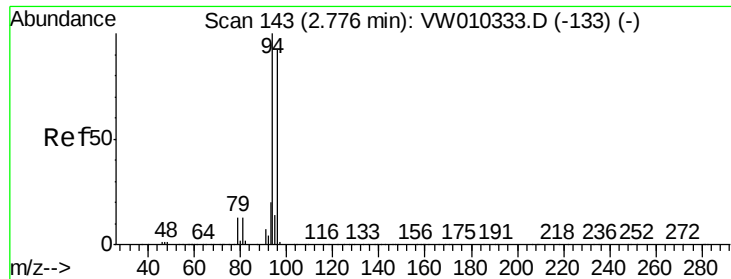
Tot Ion: 50 Resp: 264401
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.6



#4
Vinyl Chloride
Concen: 71.064 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 62 Resp: 562646
Ion Ratio Lower Upper
62 100
64 33.2 25.9 38.9





#5

Bromomethane

Concen: 20.538 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

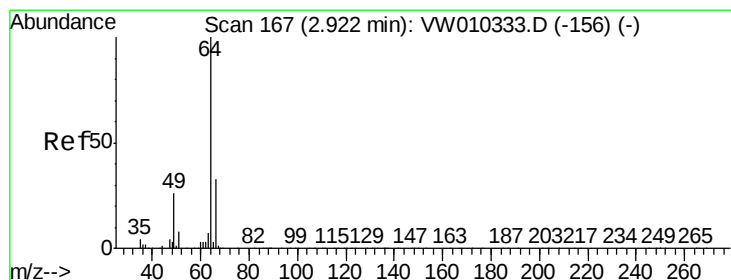
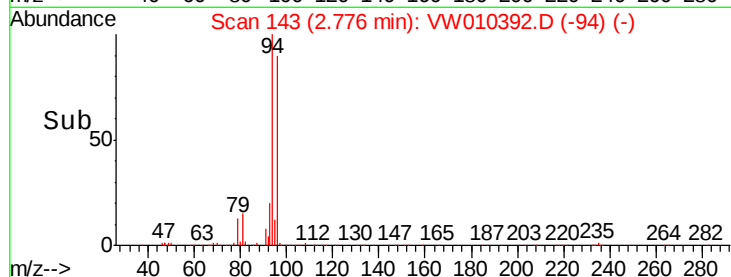
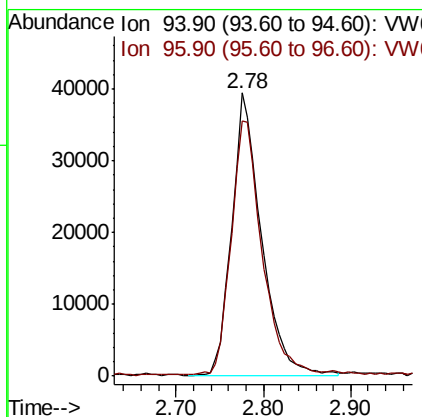
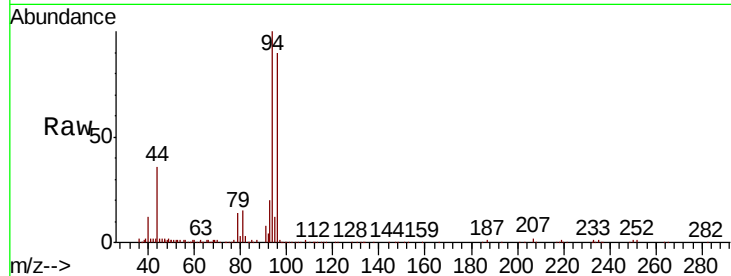
ClientSampleId :

Tot Ion: 94 Resp: 93771

Ion Ratio Lower Upper

94 100

96 89.5 74.2 111.2



#6

Chloroethane

Concen: 78.234 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW010392.D

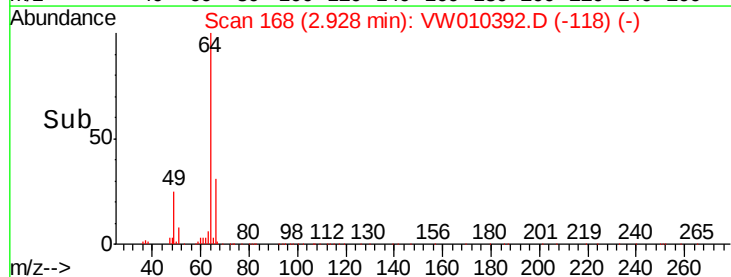
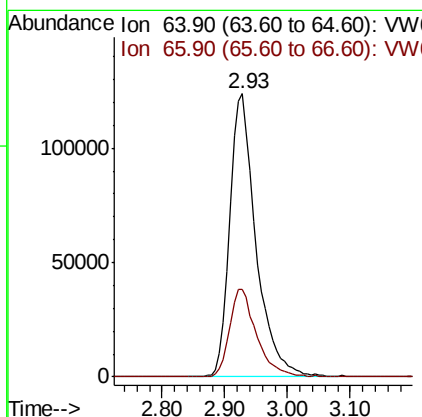
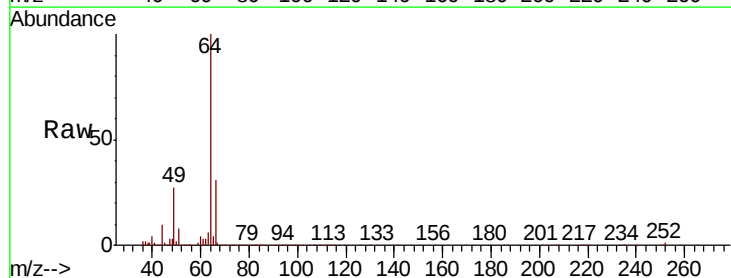
Acq: 11 May 2019 20:25

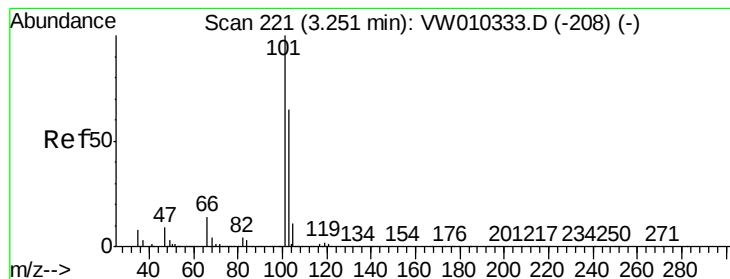
Tgt Ion: 64 Resp: 358215

Ion Ratio Lower Upper

64 100

66 30.6 23.4 35.0



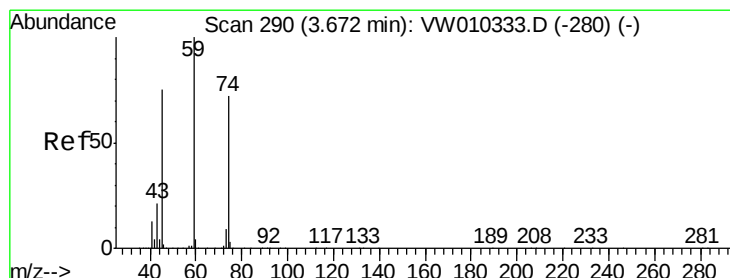
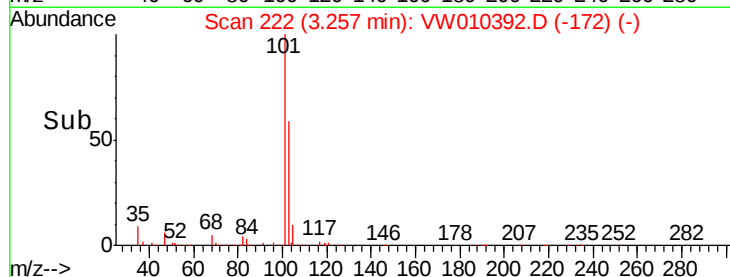
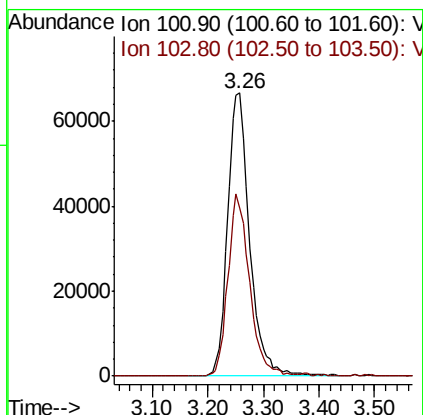
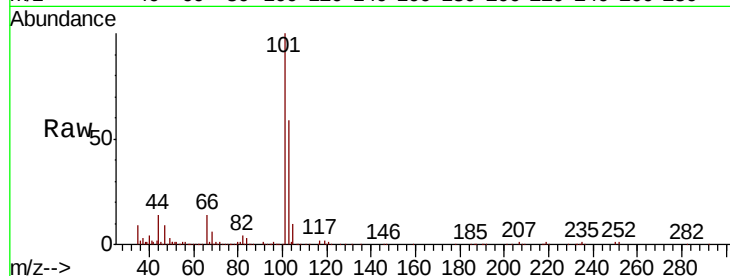


#7

Trichlorofluoromethane
Concen: 46.044 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampleId :

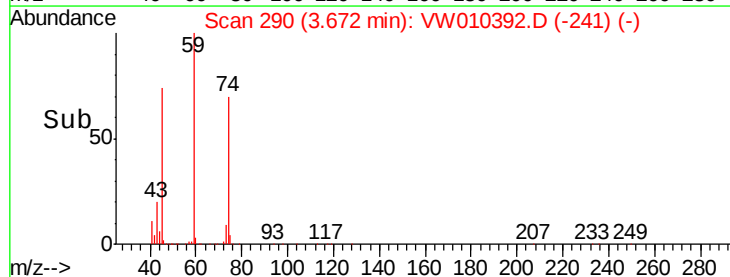
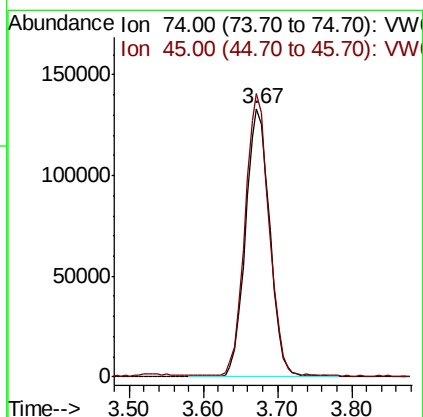
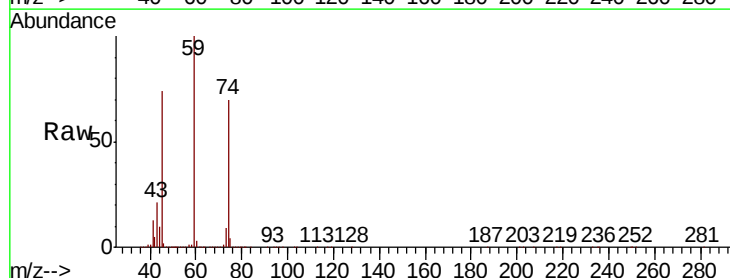
Tot Ion:101 Resp: 182498
Ion Ratio Lower Upper
101 100
103 59.1 49.8 74.6

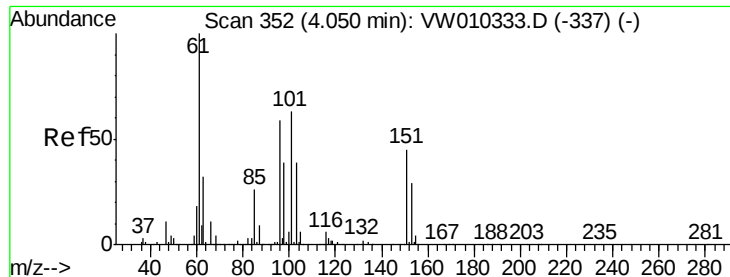


#8

Diethyl Ether
Concen: 87.815 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 74 Resp: 305982
Ion Ratio Lower Upper
74 100
45 103.9 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.388 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampled :

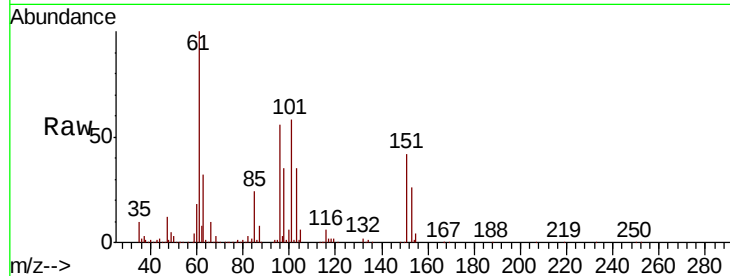
Tot Ion:101 Resp: 320753

Ion Ratio Lower Upper

101 100

85 42.9 36.3 54.5

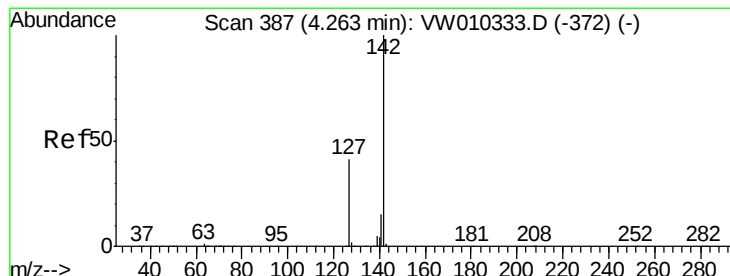
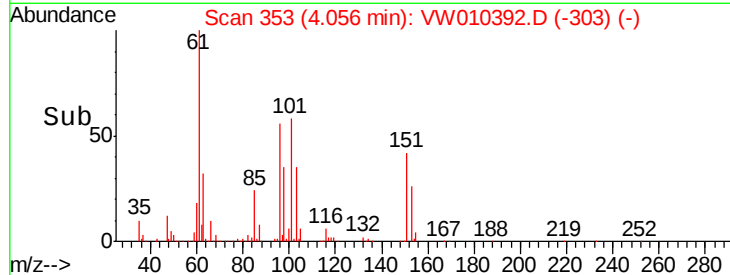
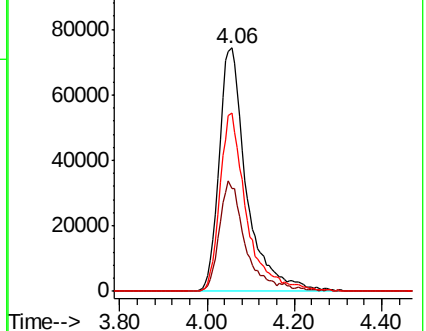
151 71.3 60.2 90.2



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: 12.165 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

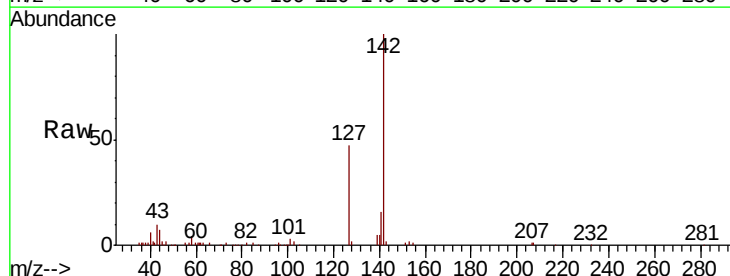
Tgt Ion:142 Resp: 111886

Ion Ratio Lower Upper

142 100

127 46.1 38.1 57.1

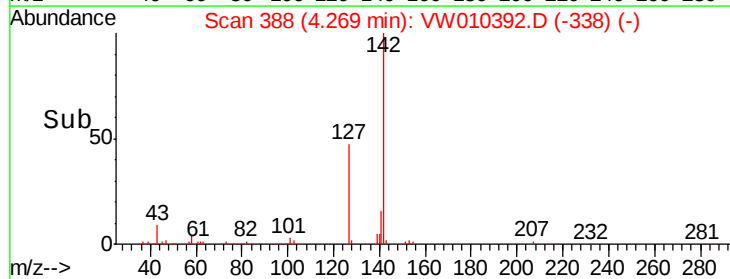
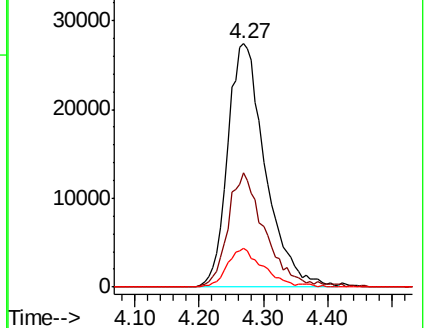
141 15.2 12.2 18.2

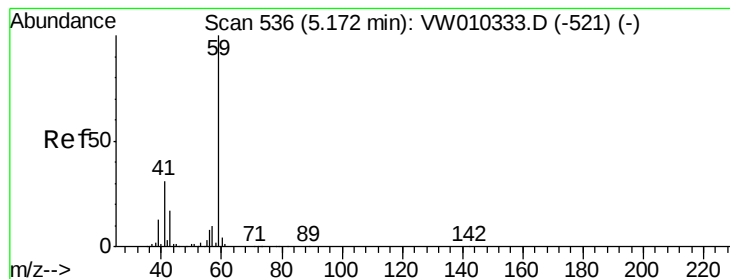


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



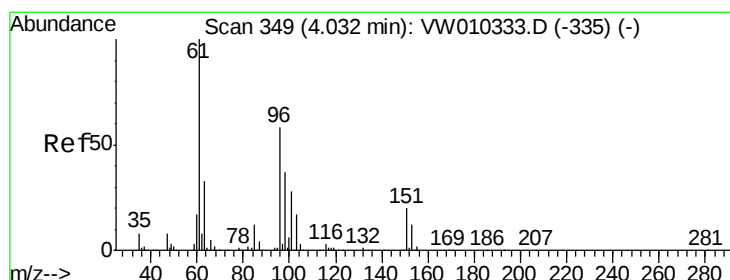
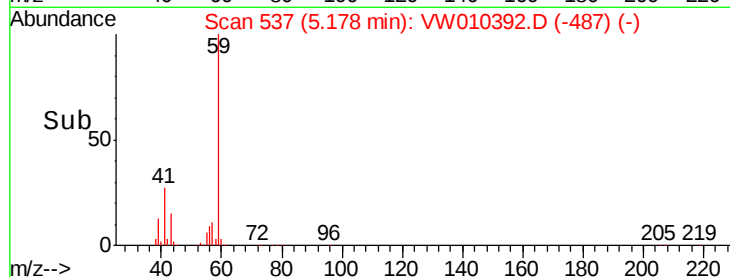
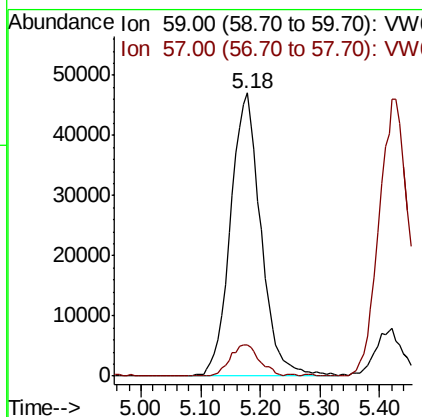
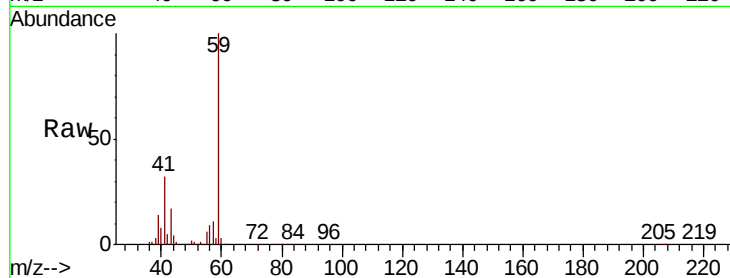


#11

Tert butyl alcohol
 Concen: 357.222 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Instrument :
 MSVOA_W
 ClientSampled :

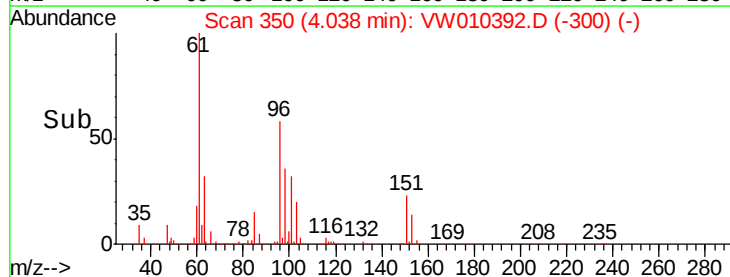
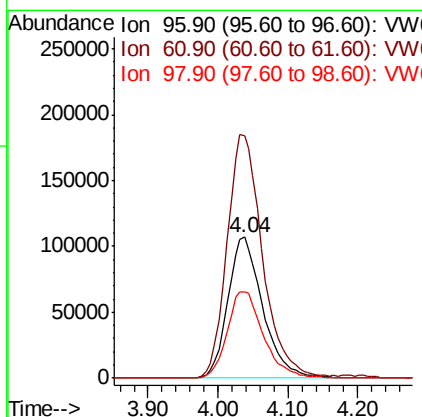
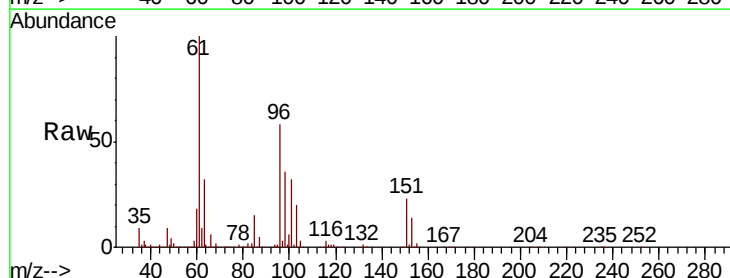
Tot Ion: 59 Resp: 166918
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.4

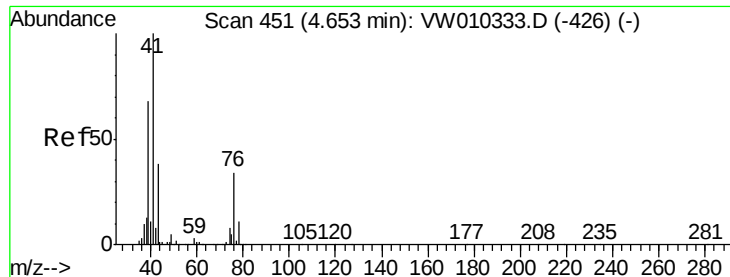


#12

1,1-Dichloroethene
 Concen: 54.490 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion: 96 Resp: 369790
 Ion Ratio Lower Upper
 96 100
 61 172.4 147.4 221.2
 98 61.3 49.7 74.5

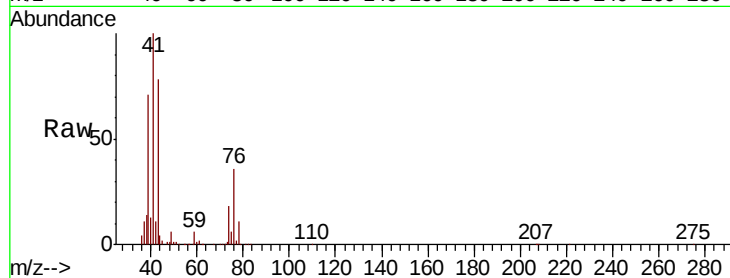




#14
Allvl chloride
Concen: 33.658 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.6	60.2	90.4
76	33.4	25.0	37.6

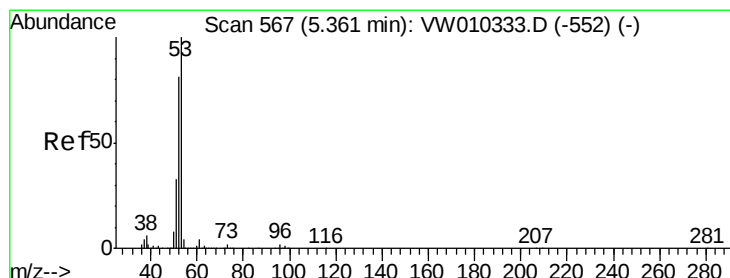
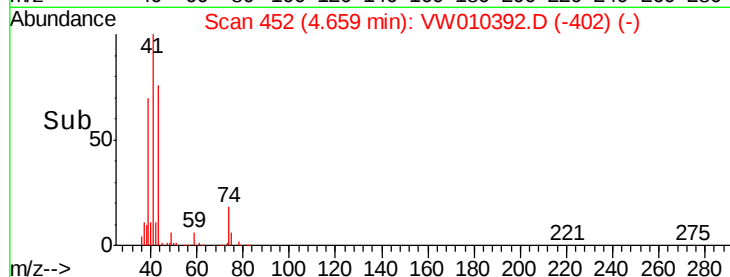
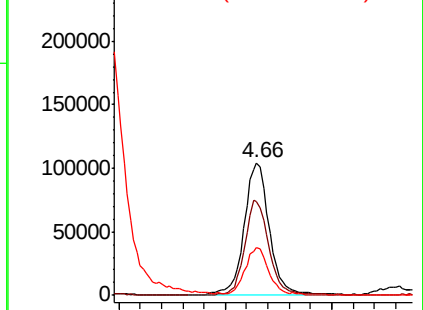


Abundance

Ion 41.00 (40.70 to 41.70): VW

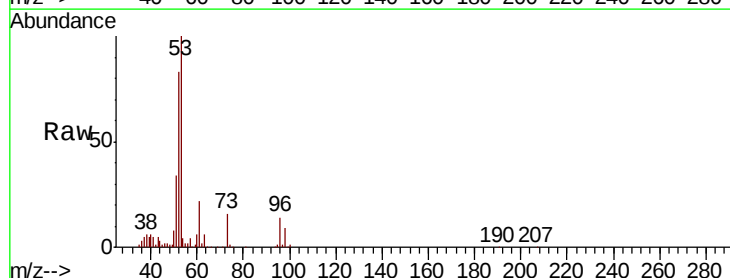
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



#15
Acrylonitrile
Concen: 95.061 ug/l
RT: 5.37 min Scan# 568
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
53	100		
52	78.8	66.6	100.0
51	38.6	30.3	45.5

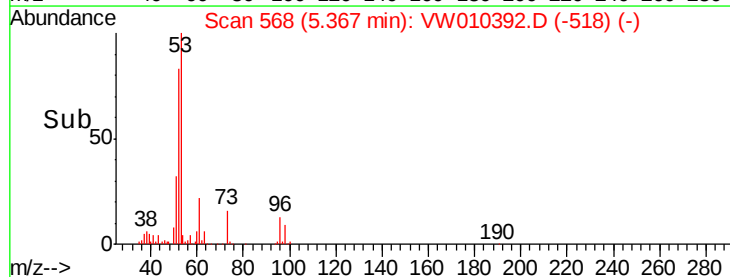
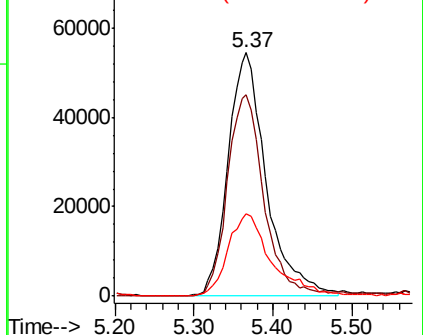


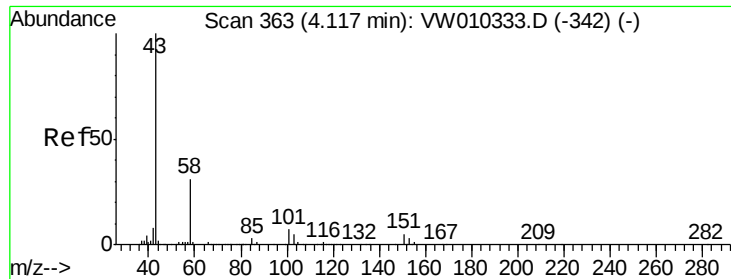
Abundance

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

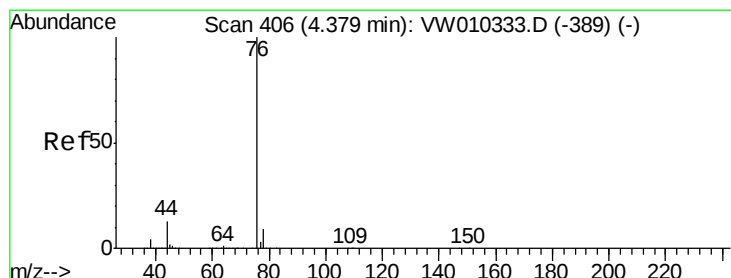
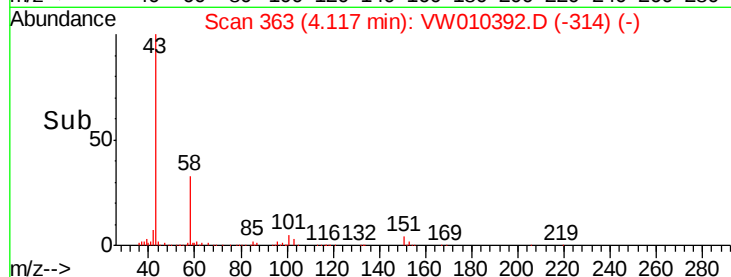
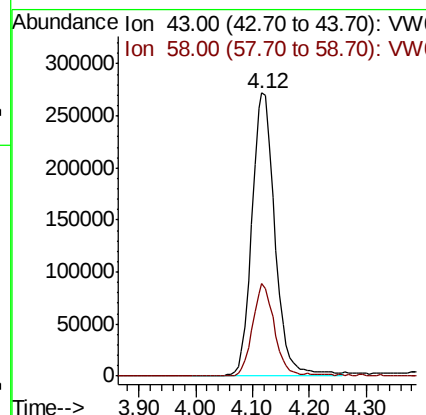
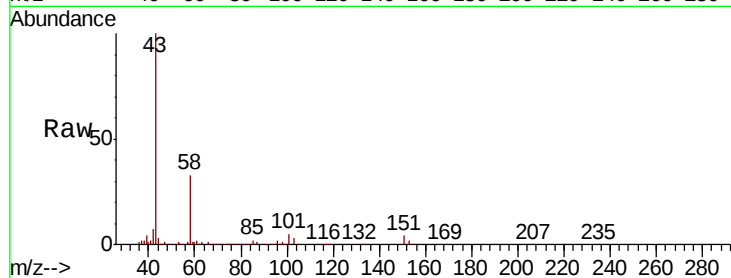




#16
Acetone
Concen: 444.318 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

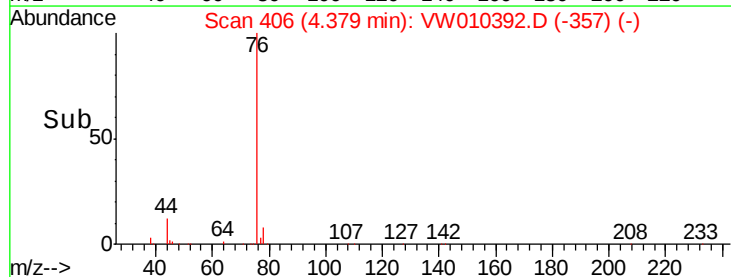
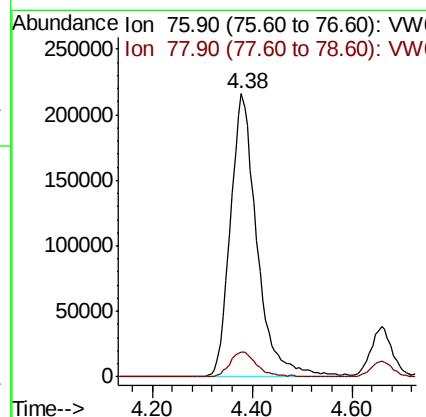
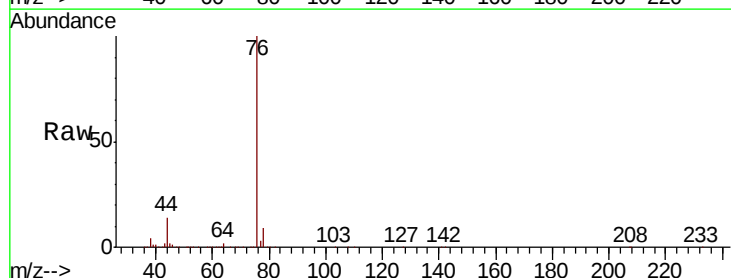
Instrument :
MSVOA_W
ClientSampled :

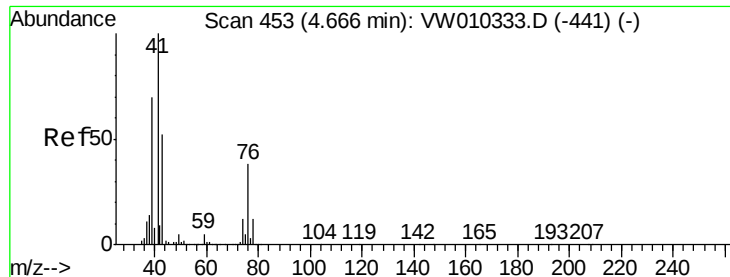
Tot Ion: 43 Resp: 766396
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1



#17
Carbon Disulfide
Concen: 38.940 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 76 Resp: 799249
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

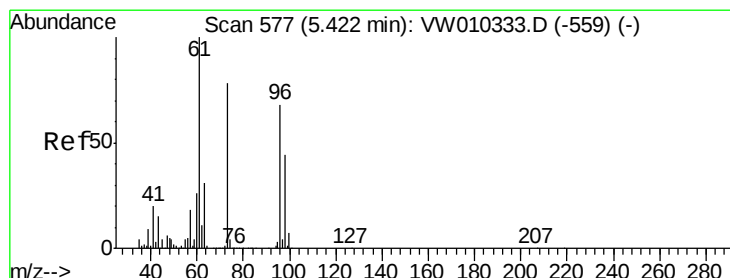
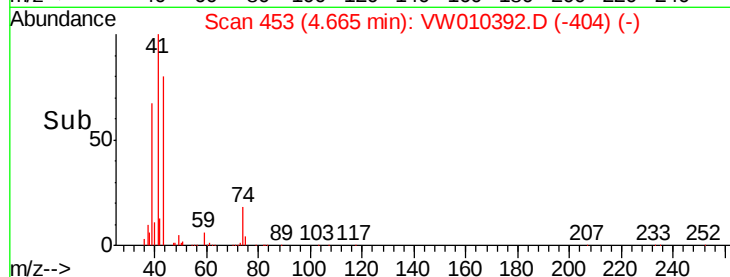
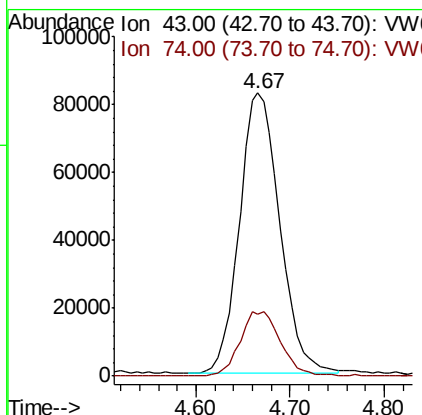
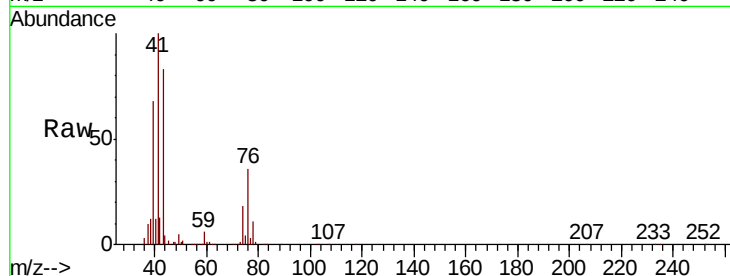




#18
Methyl Acetate
Concen: 57.818 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

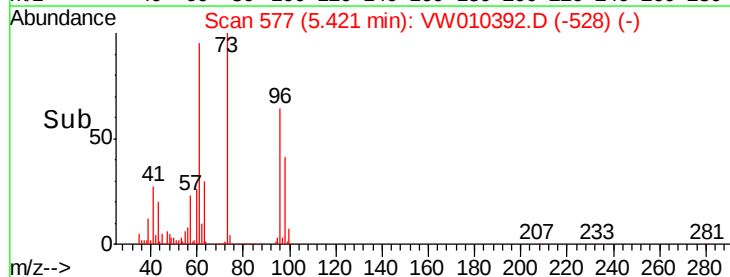
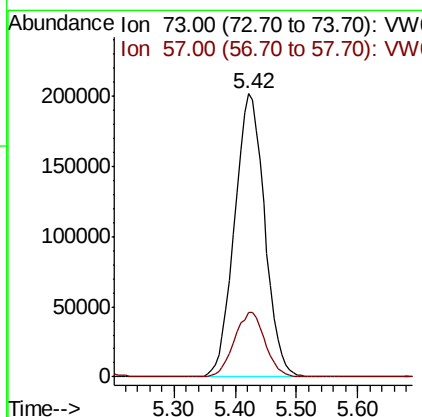
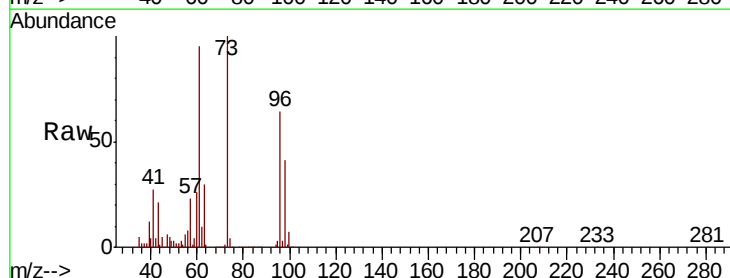
Instrument :
MSVOA_W
ClientSampleId :

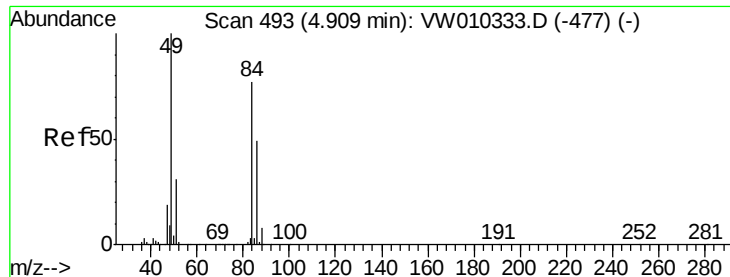
Tot Ion: 43 Resp: 247023
Ion Ratio Lower Upper
43 100
74 23.3 16.8 25.2



#19
Methyl tert-butyl Ether
Concen: 84.920 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 73 Resp: 686047
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

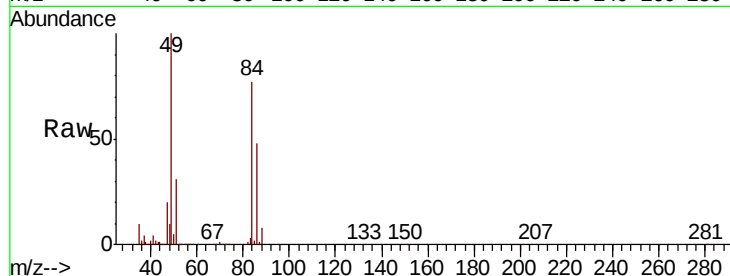




#20
Methvlene Chloride
Concen: 79.537 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	572222
Ion	Ratio	Lower	Upper
84	100		
49	129.3	112.3	168.5
51	40.5	33.9	50.9
86	62.7	50.2	75.4



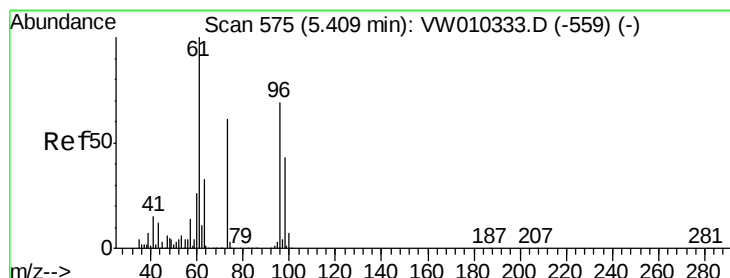
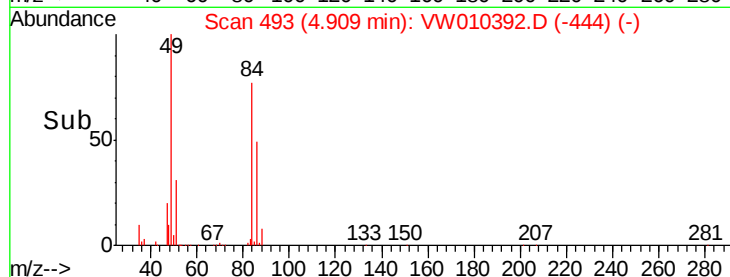
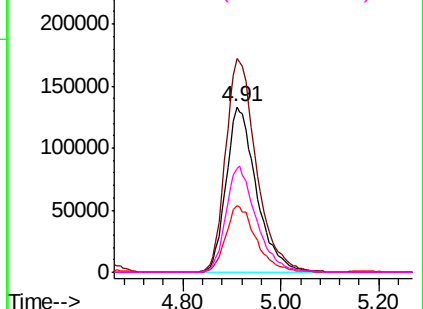
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

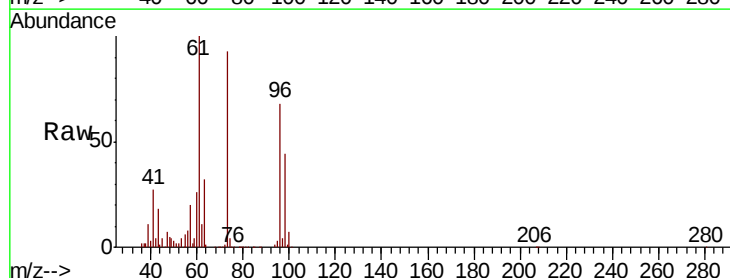
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#21
trans-1,2-Dichloroethene
Concen: 59.532 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion:	96	Resp:	434880
Ion	Ratio	Lower	Upper
96	100		
61	147.6	122.3	183.5
98	64.3	50.5	75.7

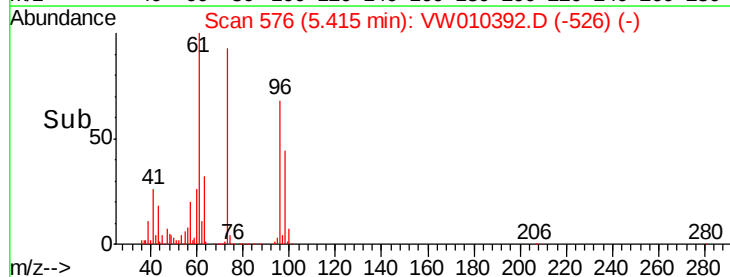
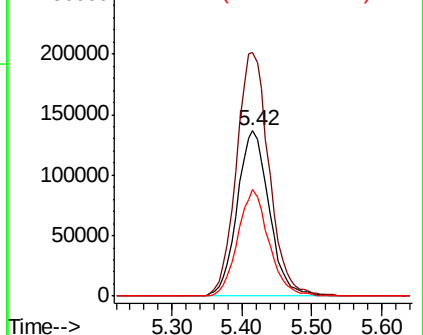


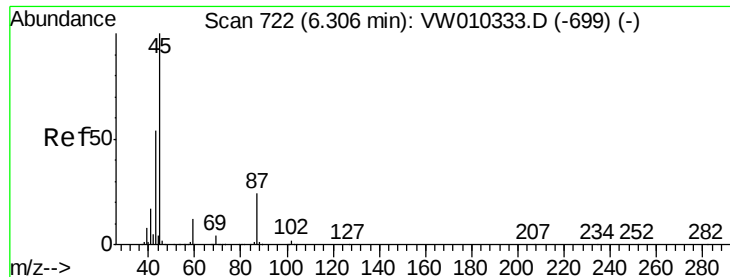
Abundance

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



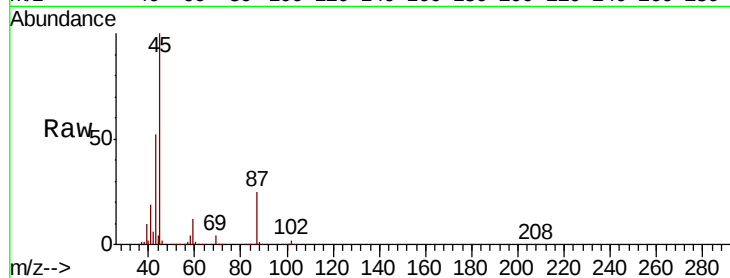


#22

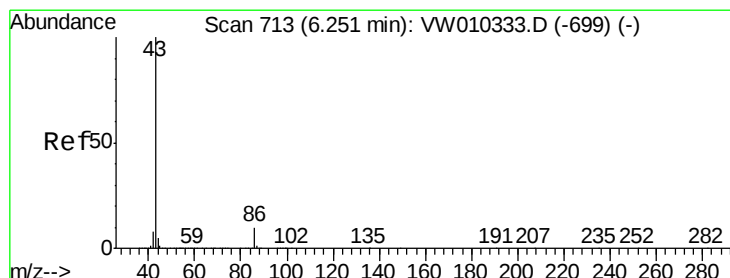
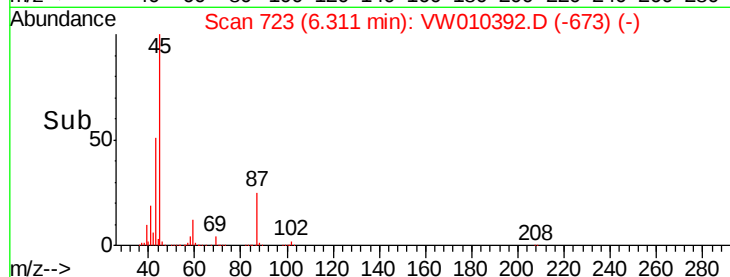
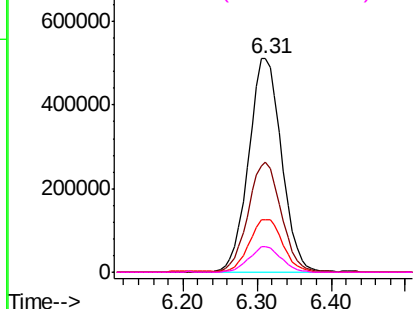
Diisopropyl ether
Concen: 80.660 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	45	Resp:	1585804
Ion	Ratio	Lower	Upper
45	100		
43	51.4	46.1	69.1
87	24.5	18.3	27.5
59	11.7	8.2	12.4



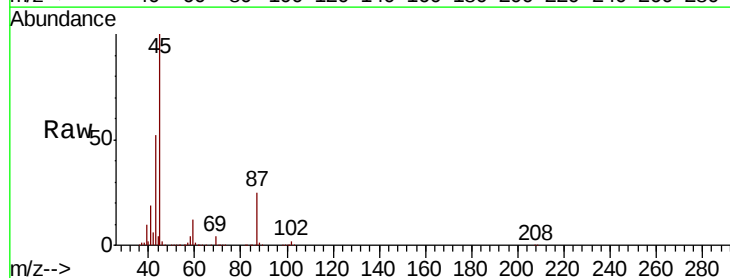
Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW



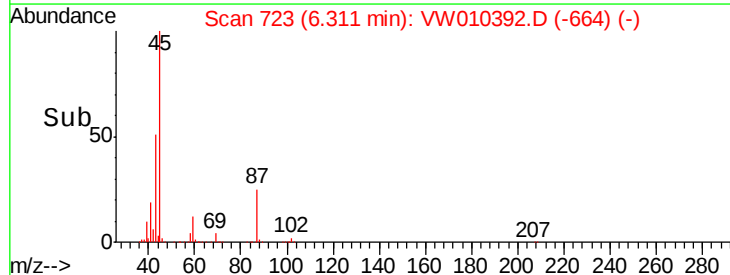
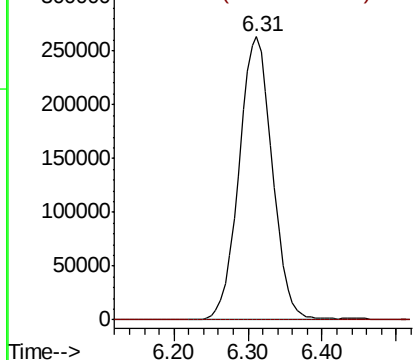
#23

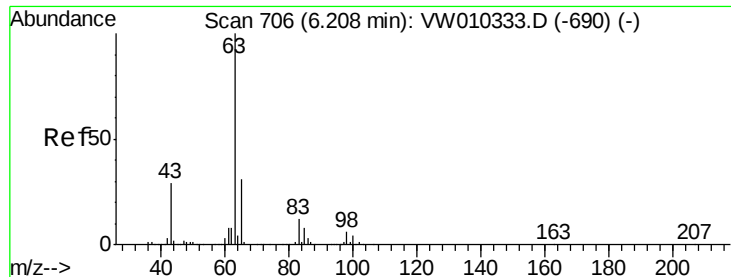
Vinyl Acetate
Concen: 60.778 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.06 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion:	43	Resp:	820491
Ion	Ratio	Lower	Upper
43	100		
86	0.3	7.0	10.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 69.657 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW010392.D

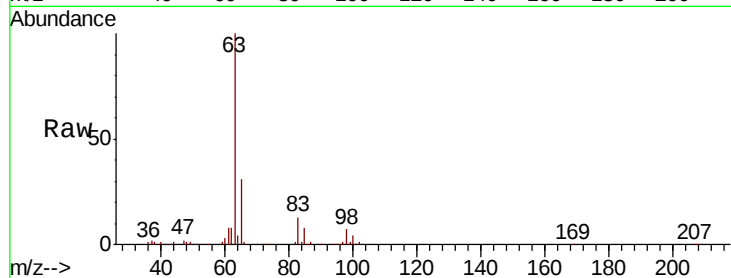
Acq: 11 May 2019 20:25

Instrument :

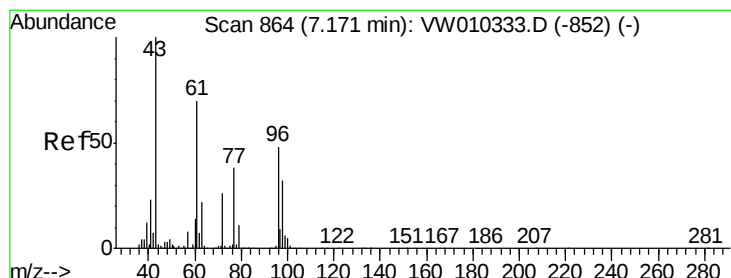
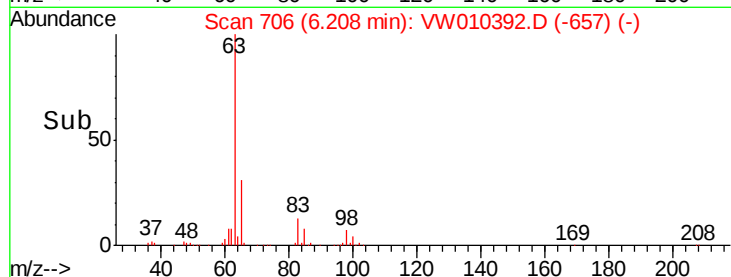
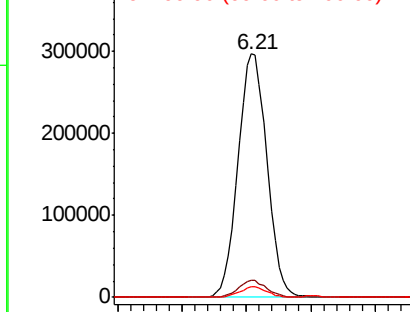
MSVOA_W

ClientSampleId :

Tot Ion:	63	Resp:	922021
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.8
100	4.3	2.0	6.0



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 239.649 ug/l

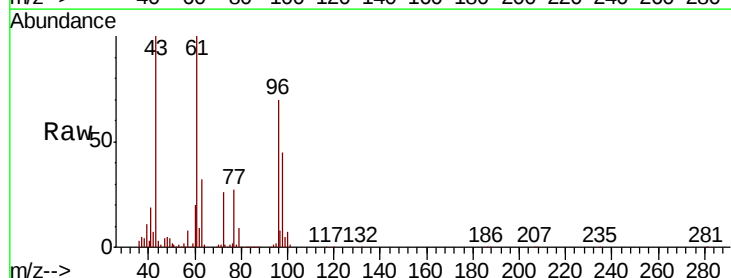
RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

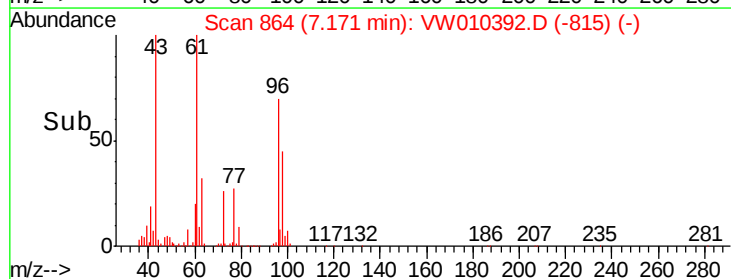
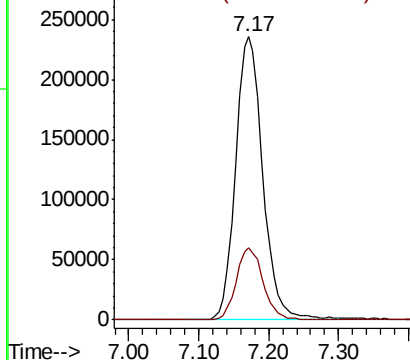
Lab File: VW010392.D

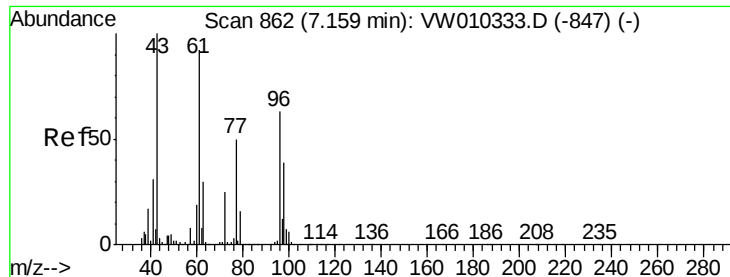
Acq: 11 May 2019 20:25

Tgt Ion:	43	Resp:	632369
Ion	Ratio	Lower	Upper
43	100		
72	25.7	19.1	28.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 30.731 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

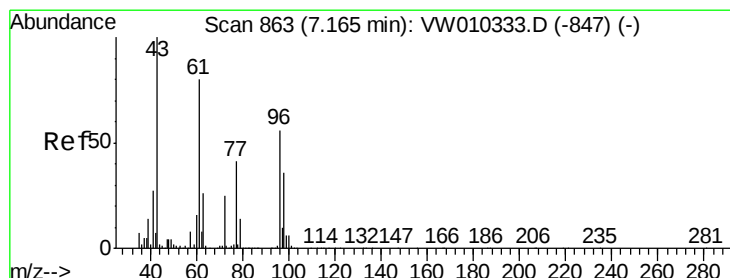
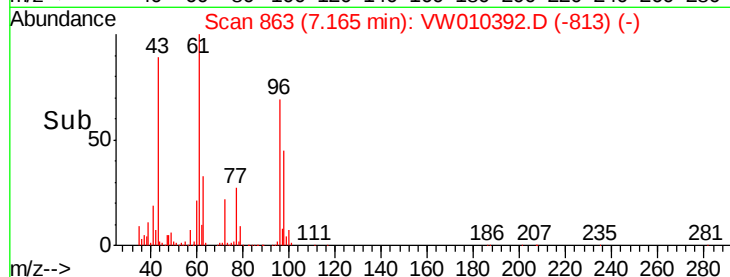
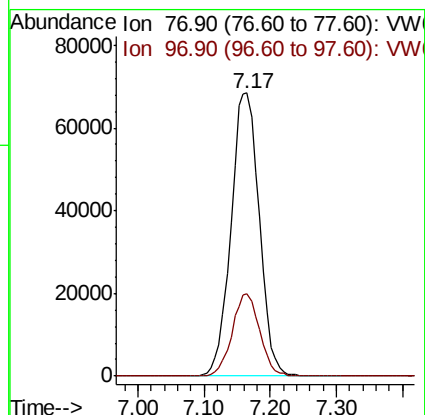
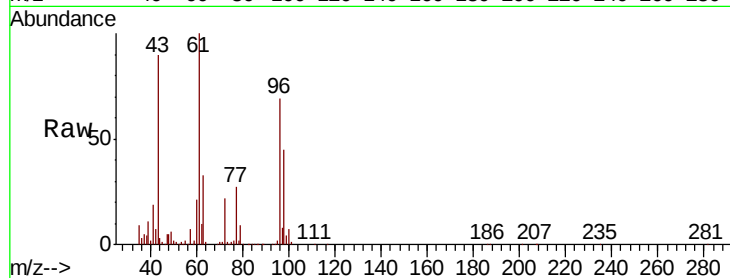
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 77 Resp: 202390

Ion Ratio Lower Upper

77 100

97 28.1 11.3 33.9



#27

cis-1,2-Dichloroethene

Concen: 61.056 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

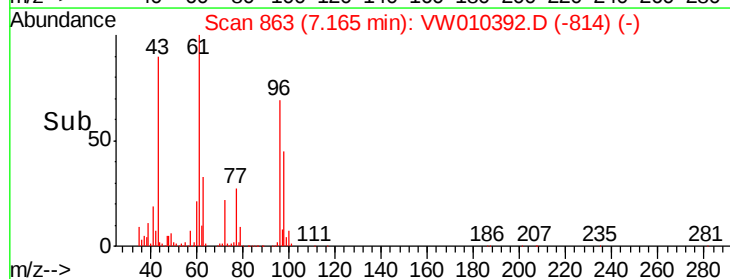
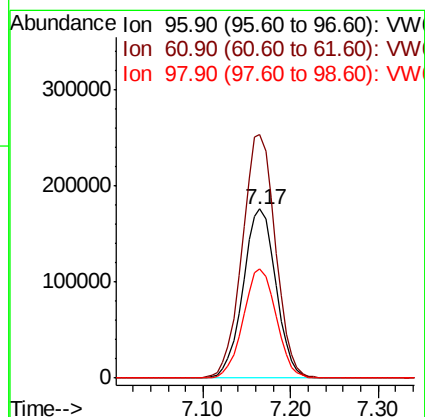
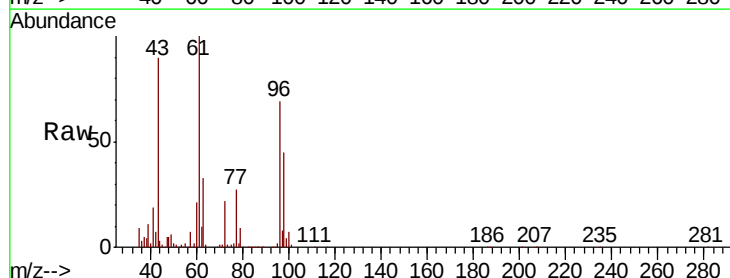
Tgt Ion: 96 Resp: 458678

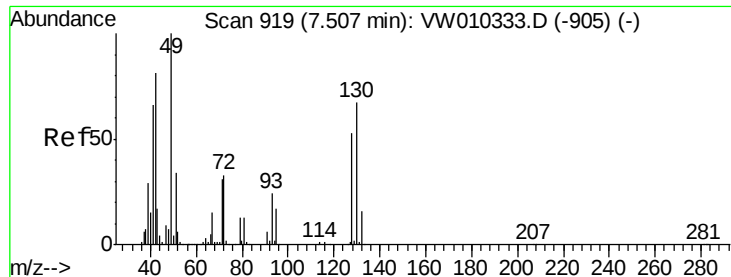
Ion Ratio Lower Upper

96 100

61 145.7 0.0 309.4

98 64.7 0.0 128.6





#28

Bromochloromethane

Concen: 77.712 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampled :

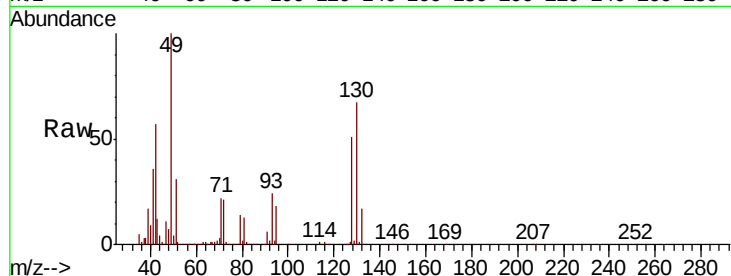
Tot Ion: 49 Resp: 379239

Ion Ratio Lower Upper

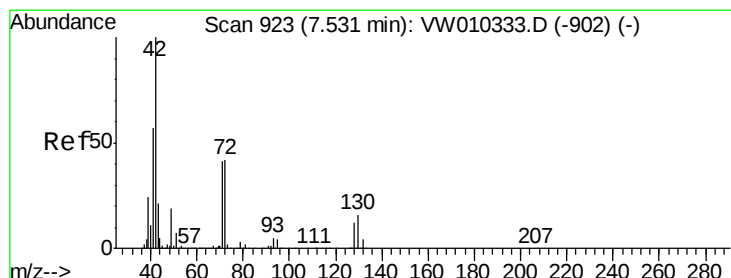
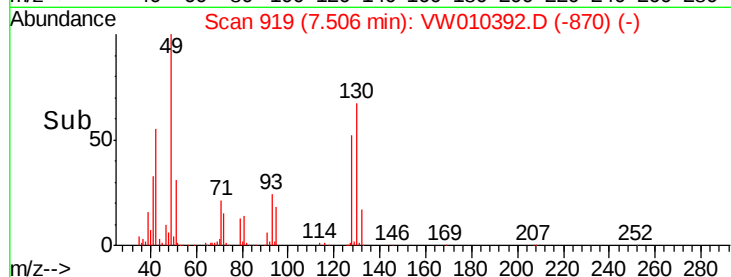
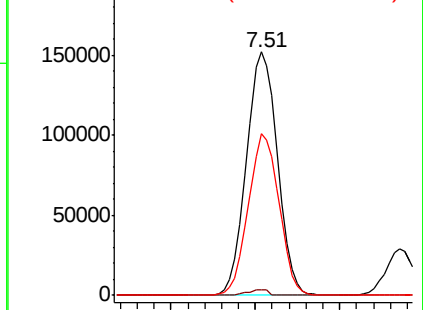
49 100

129 1.5 0.0 3.8

130 66.1 54.6 82.0



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 340.846 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

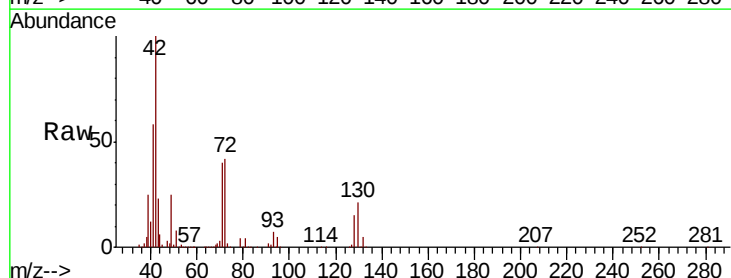
Tgt Ion: 42 Resp: 581736

Ion Ratio Lower Upper

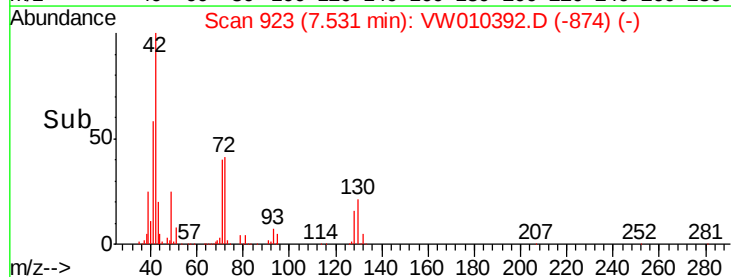
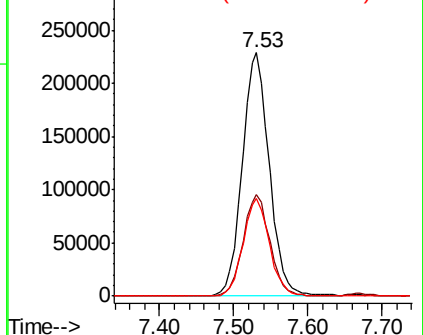
42 100

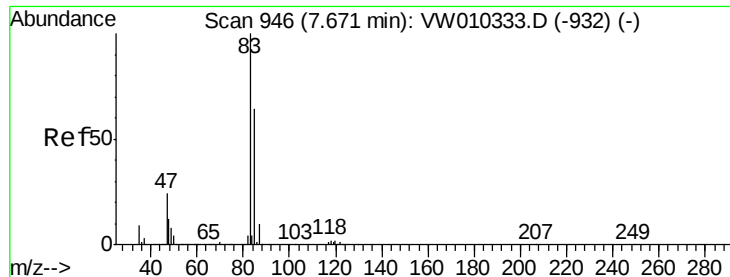
72 41.4 31.0 46.6

71 39.2 29.7 44.5



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

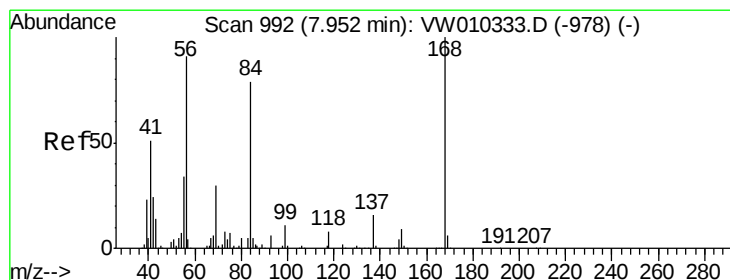
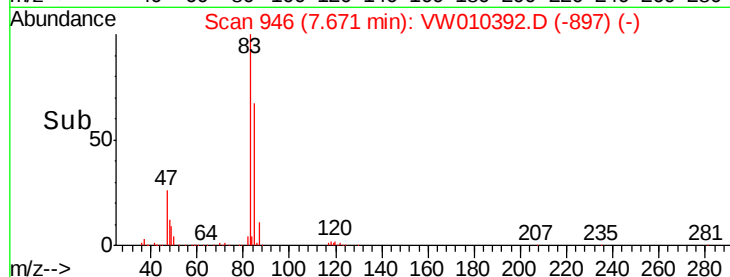
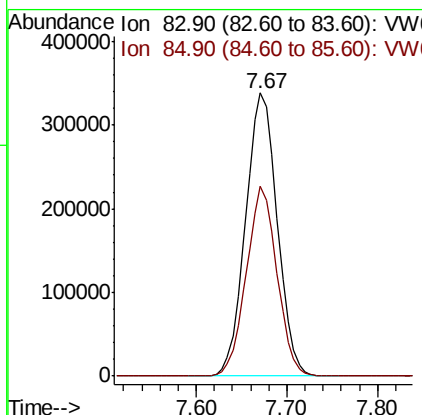
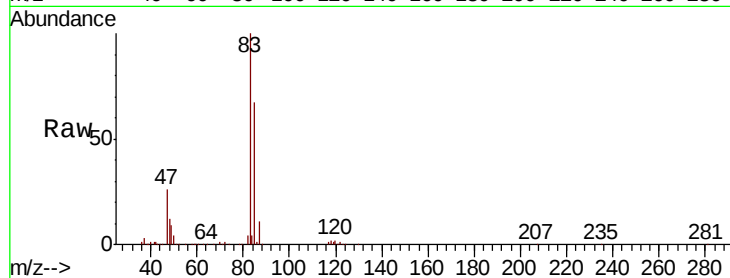




#30
Chloroform
Concen: 66.094 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

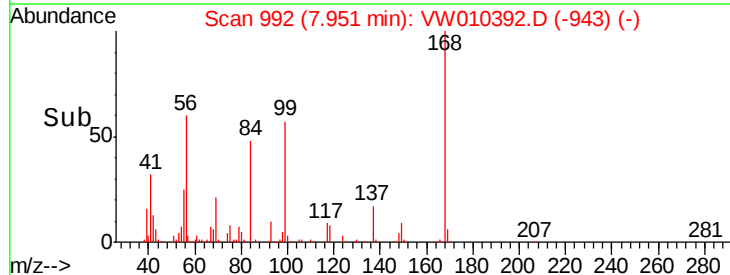
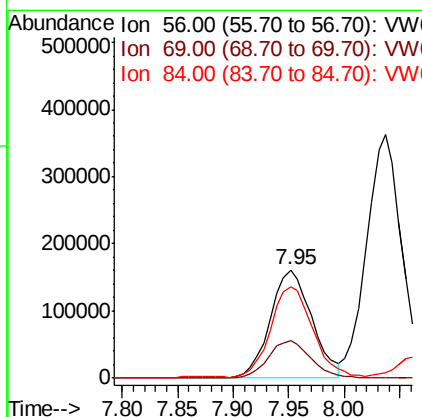
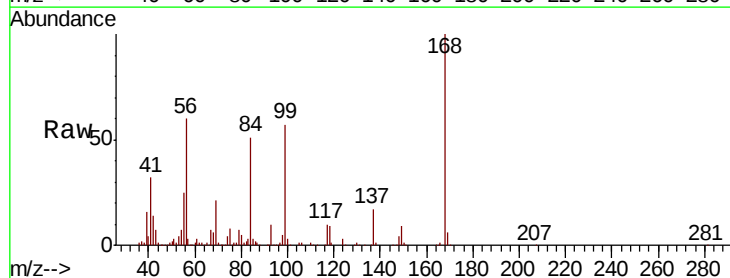
Instrument :
MSVOA_W
ClientSampleId :

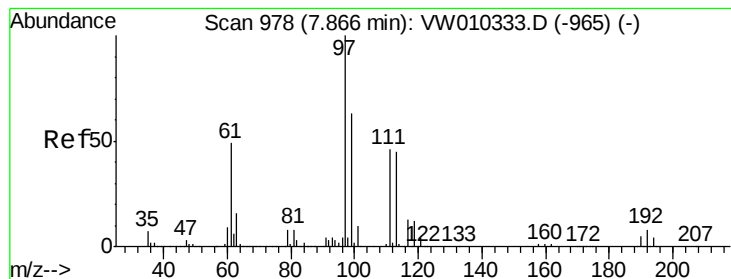
Tot Ion: 83 Resp: 818751
Ion Ratio Lower Upper
83 100
85 67.2 50.7 76.1



#31
Cyclohexane
Concen: 30.966 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 56 Resp: 419683
Ion Ratio Lower Upper
56 100
69 34.6 26.6 40.0
84 83.3 66.2 99.2





#32

1,1,1-Trichloroethane

Concen: 54.353 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampled :

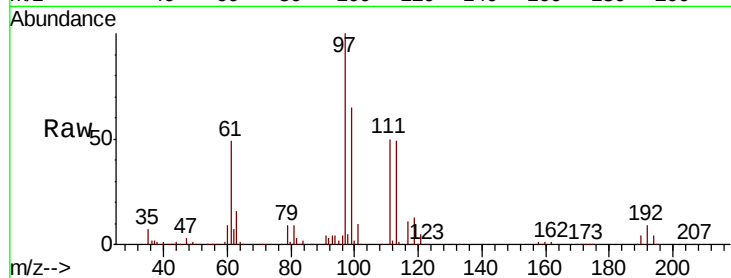
Tot Ion: 97 Resp: 521533

Ion Ratio Lower Upper

97 100

99 63.9 50.2 75.2

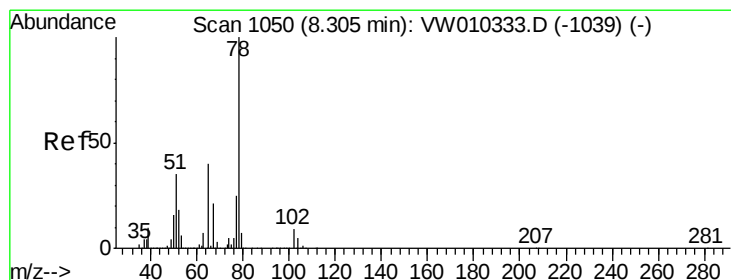
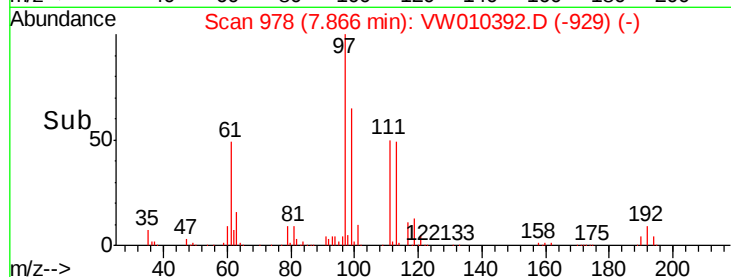
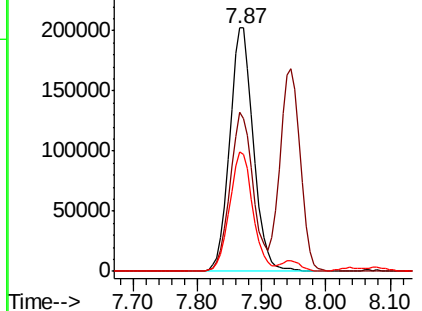
61 48.4 38.2 57.2



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: 72.882 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010392.D

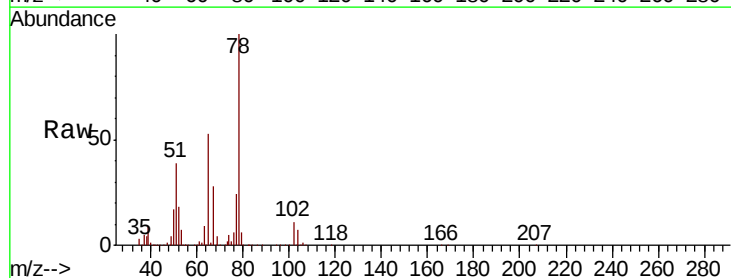
Acq: 11 May 2019 20:25

Tgt Ion: 65 Resp: 482223

Ion Ratio Lower Upper

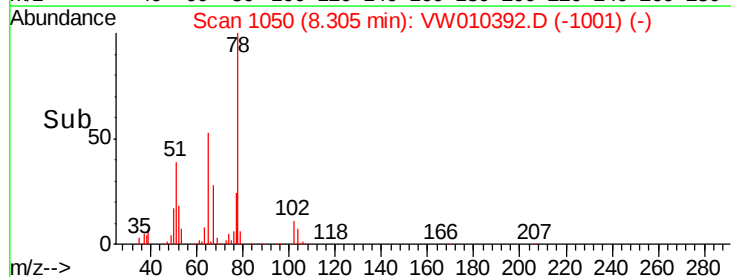
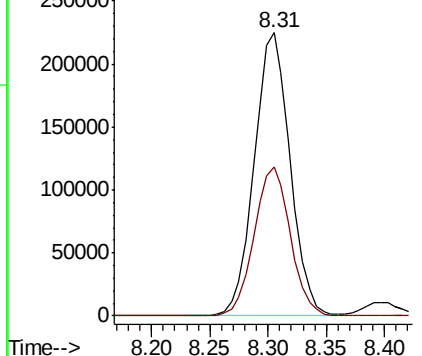
65 100

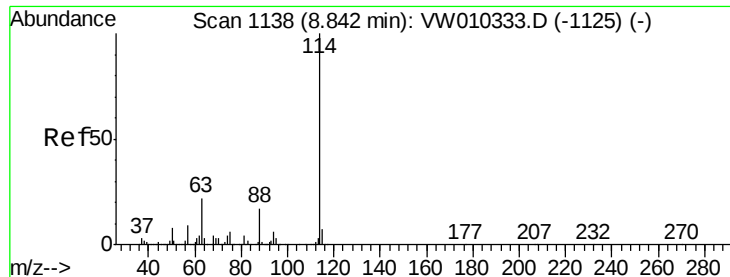
67 53.1 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

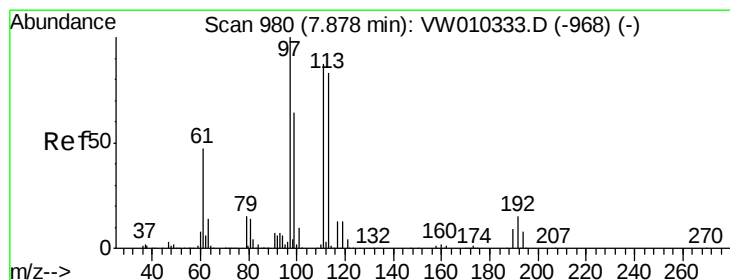
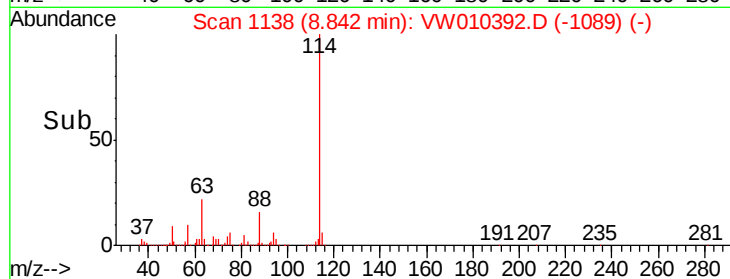
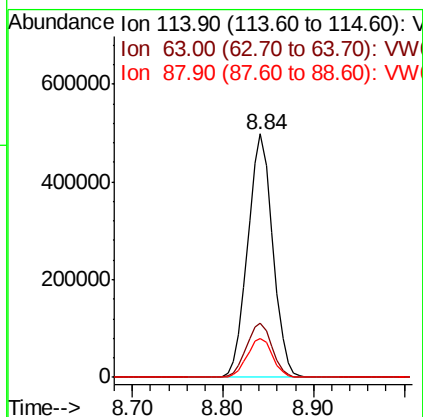
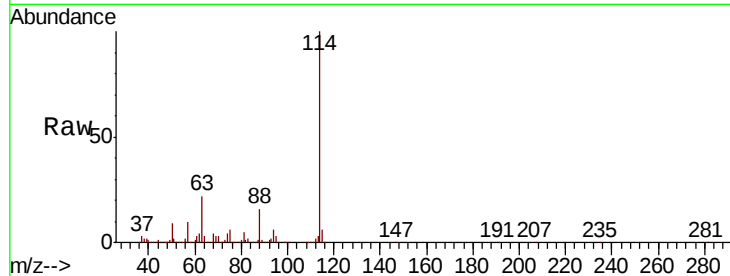




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

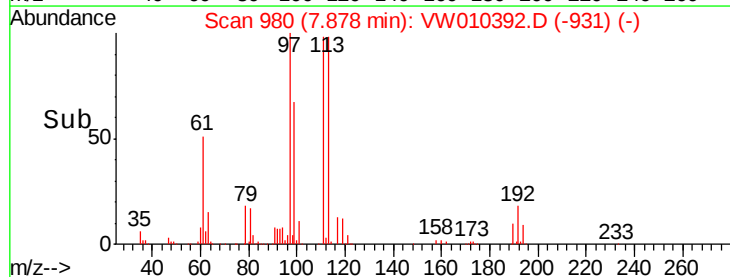
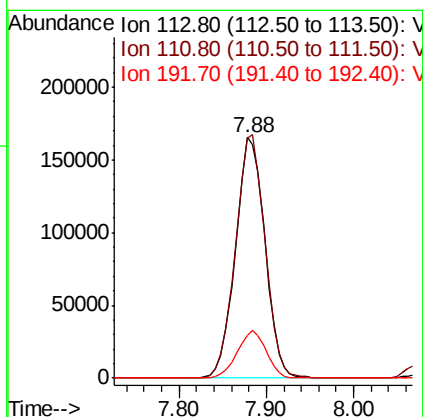
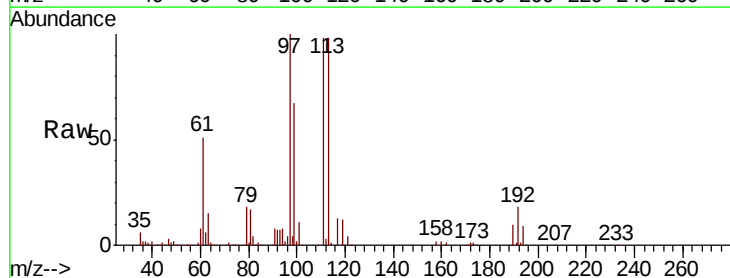
Instrument :
 MSVOA_W
 ClientSampleId :

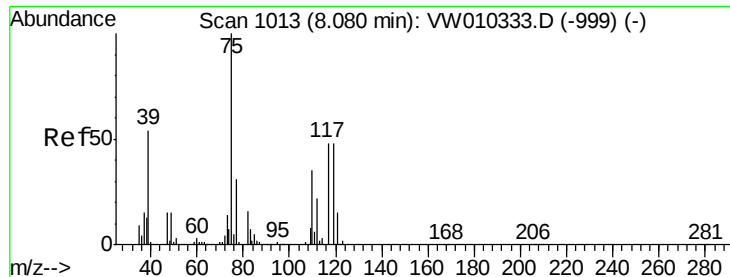
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 69.670 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	19.2	15.4	23.2

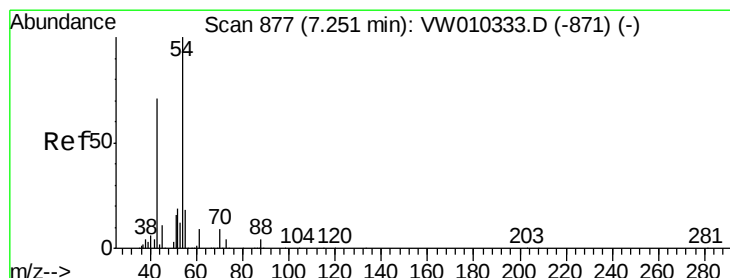
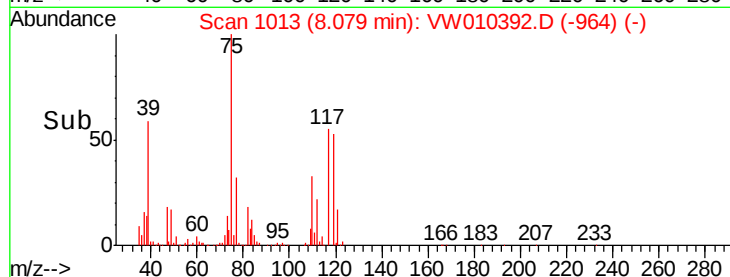
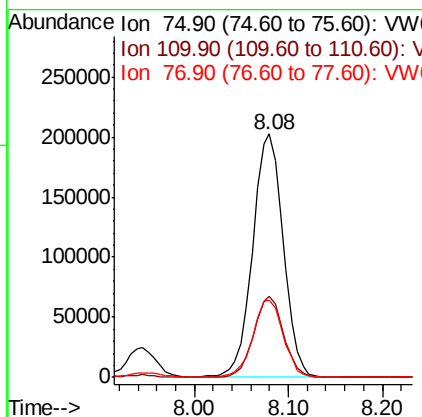
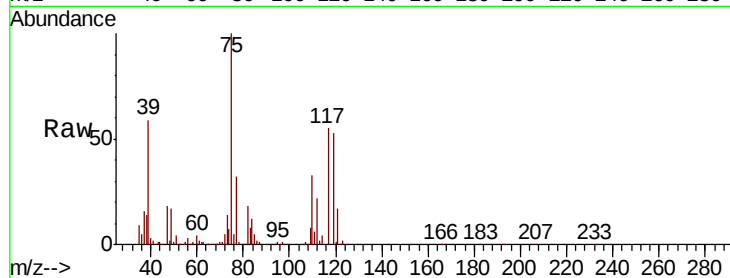




#36
 1,1-Dichloropropene
 Concen: 44.634 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

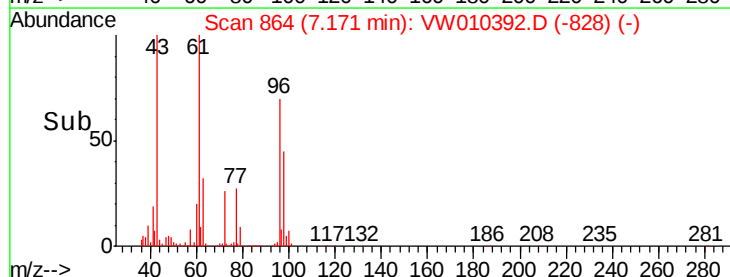
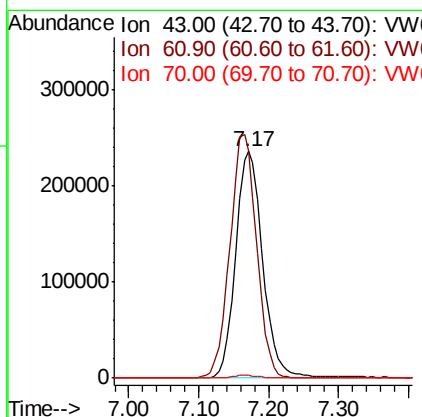
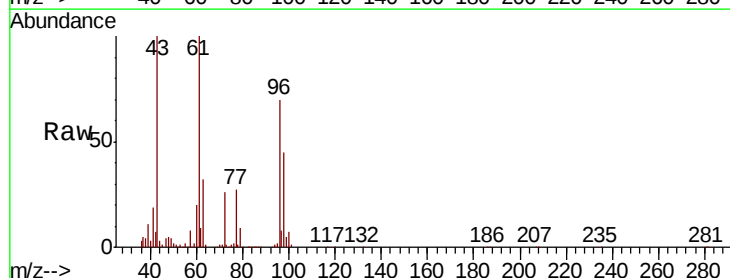
Instrument :
 MSVOA_W
 ClientSampleId :

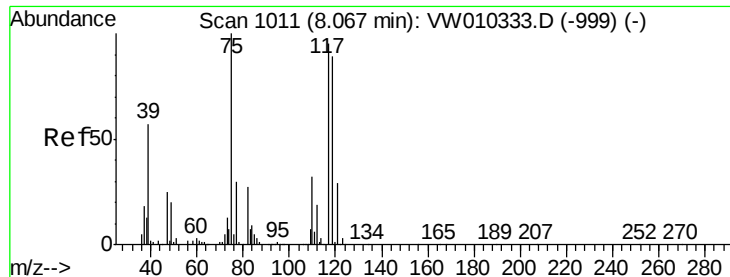
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.6	49.8
77	31.6	24.8	37.2



#37
 Ethyl Acetate
 Concen: 115.170 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	105.7	9.8	14.8#
70	1.4	7.4	11.0#





#38

Carbon Tetrachloride

Concen: 48.102 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

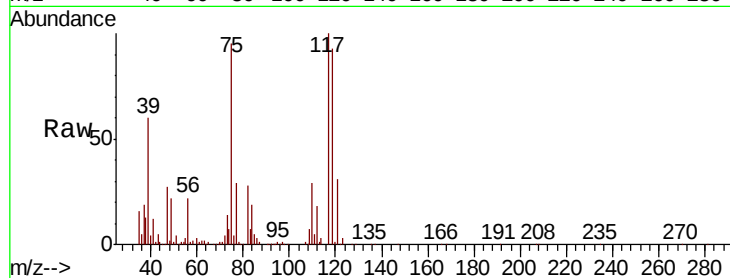
Tot Ion:117 Resp: 425223

Ion Ratio Lower Upper

117 100

119 93.4 75.3 112.9

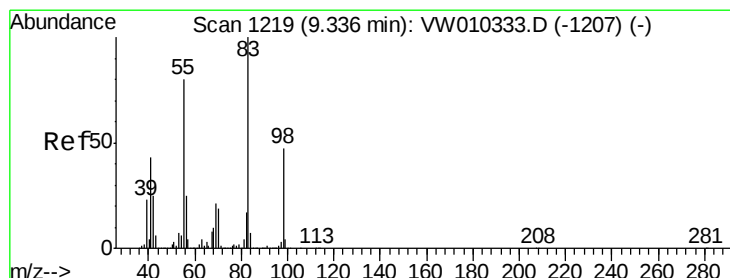
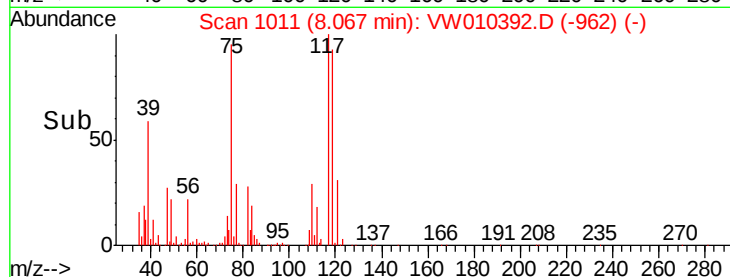
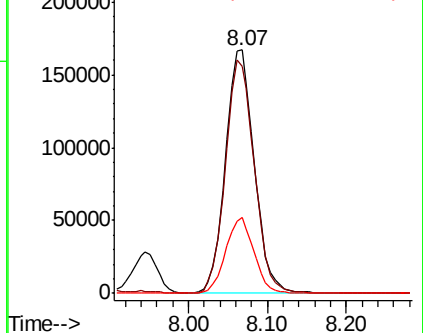
121 31.2 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 19.392 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

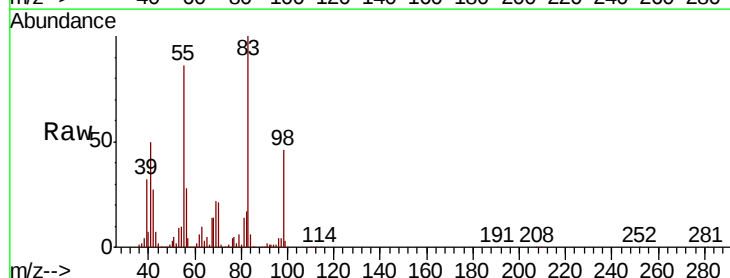
Tgt Ion: 83 Resp: 244640

Ion Ratio Lower Upper

83 100

55 85.3 67.1 100.7

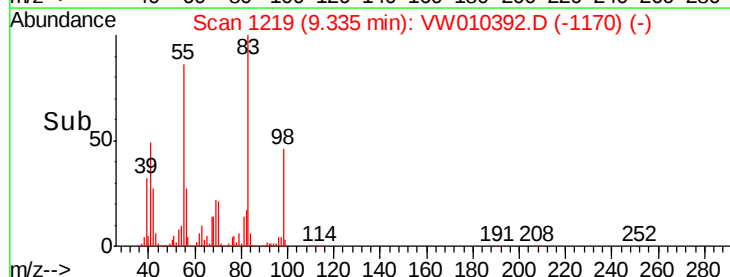
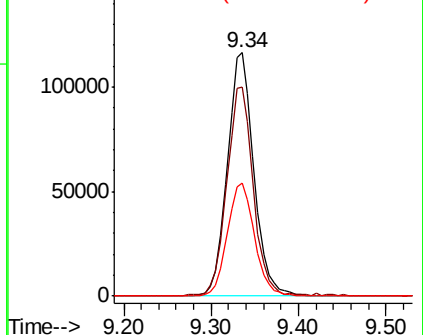
98 46.3 39.2 58.8

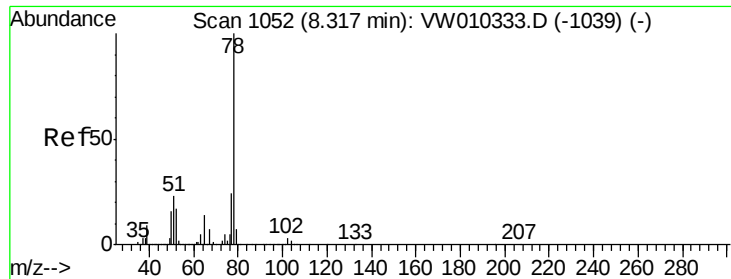


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 58.921 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

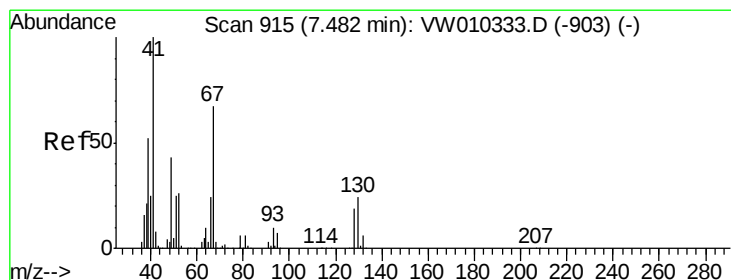
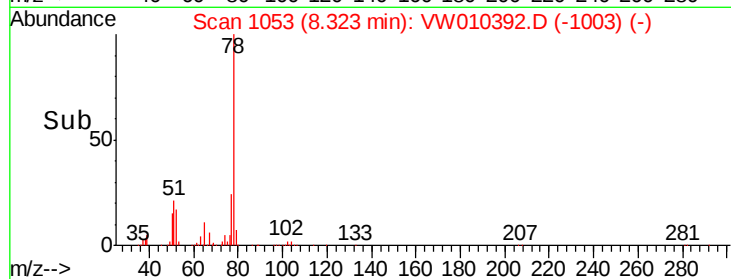
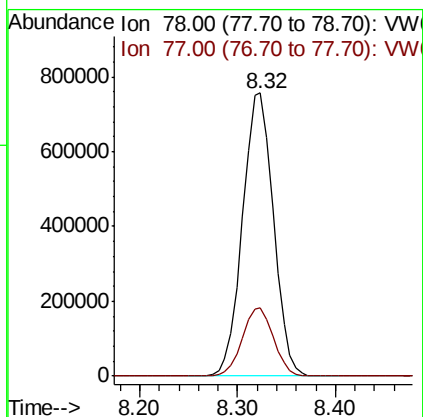
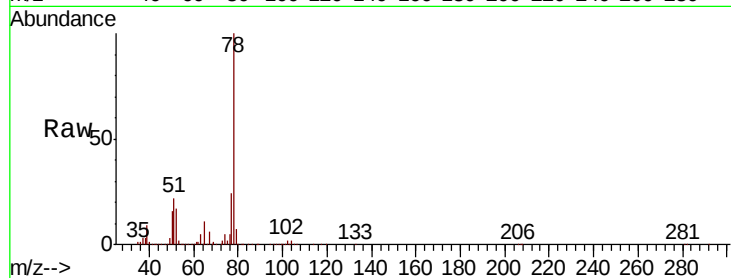
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 78 Resp: 1664060

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7



#41

Methacrylonitrile

Concen: 115.958 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Tgt Ion: 41 Resp: 357066

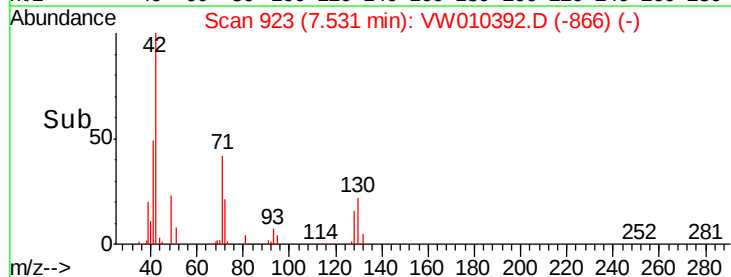
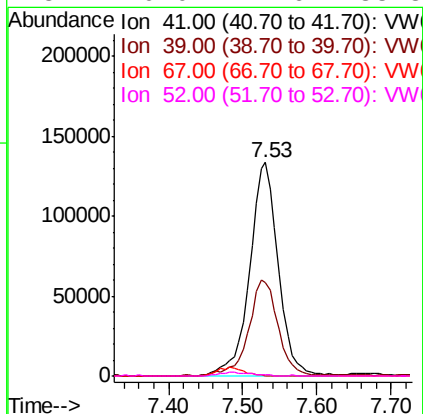
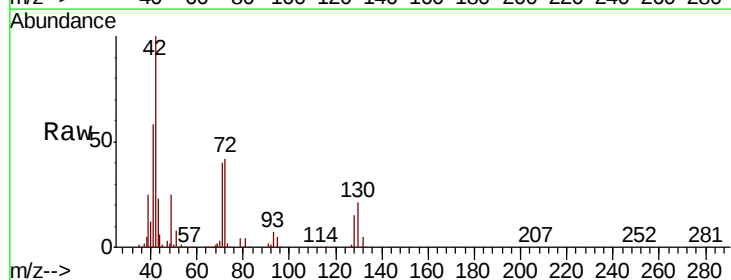
Ion Ratio Lower Upper

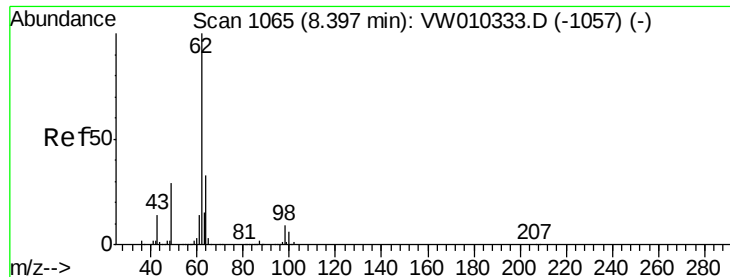
41 100

39 45.9 45.0 67.4

67 0.0 50.7 76.1#

52 0.0 22.6 33.8#





#42

1,2-Dichloroethane

Concen: 73.939 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

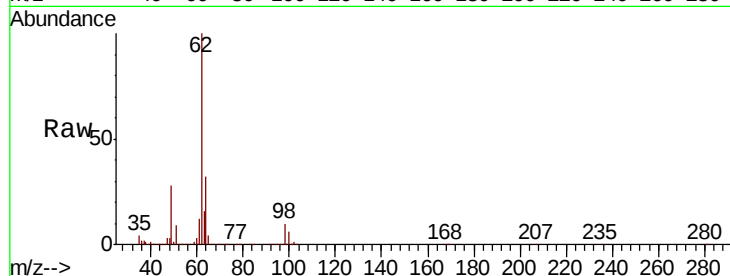
ClientSampleId :

Tot Ion: 62 Resp: 597727

Ion Ratio Lower Upper

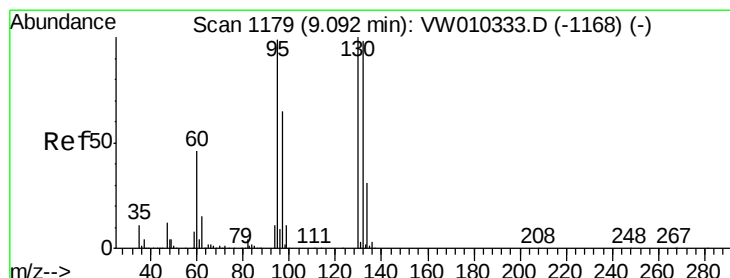
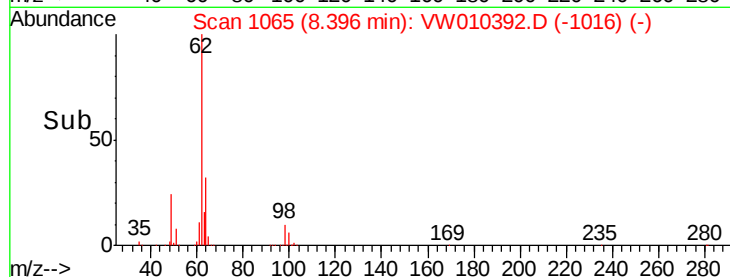
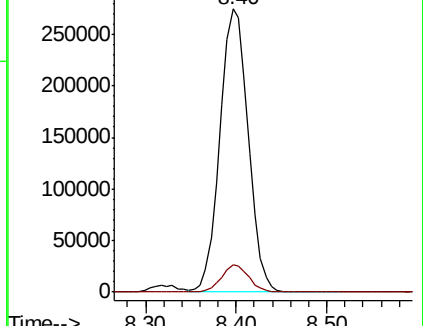
62 100

98 9.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



#44

Trichloroethene

Concen: 43.679 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010392.D

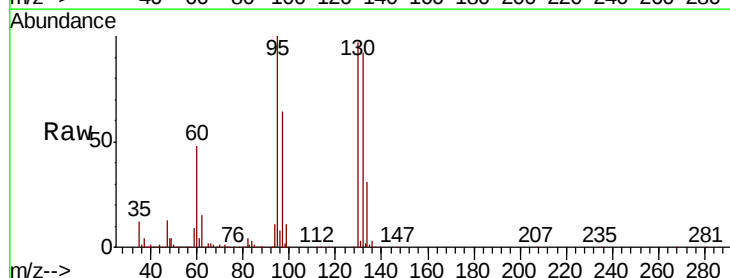
Acq: 11 May 2019 20:25

Tgt Ion:130 Resp: 308828

Ion Ratio Lower Upper

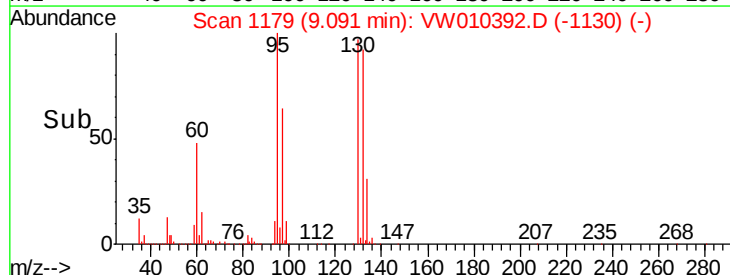
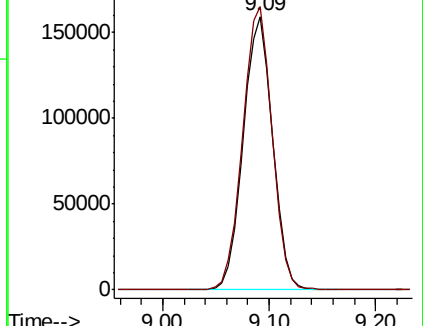
130 100

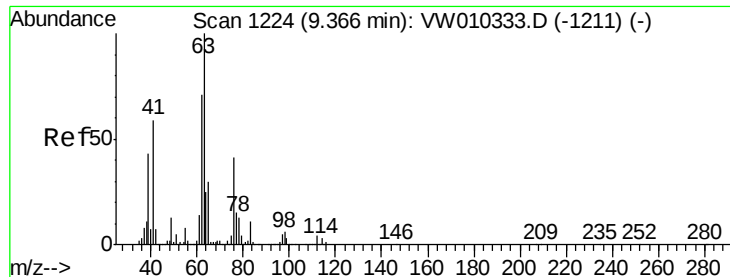
95 103.6 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 64.793 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

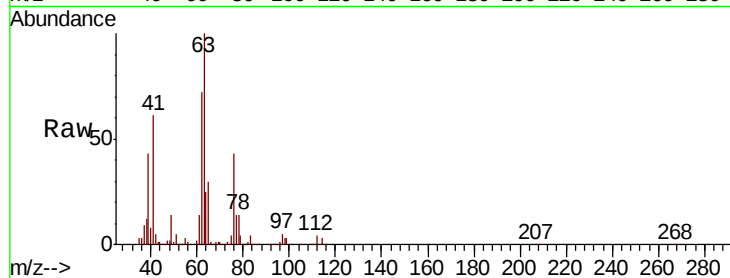
ClientSampleId :

Tot Ion: 63 Resp: 454862

Ion Ratio Lower Upper

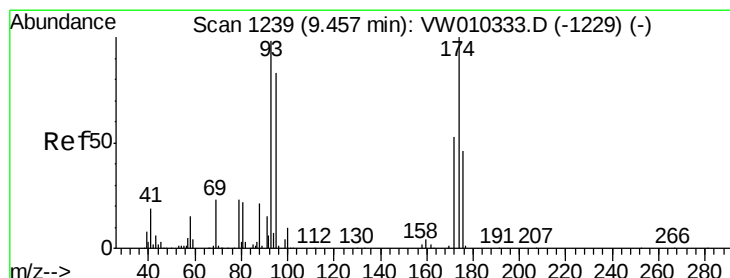
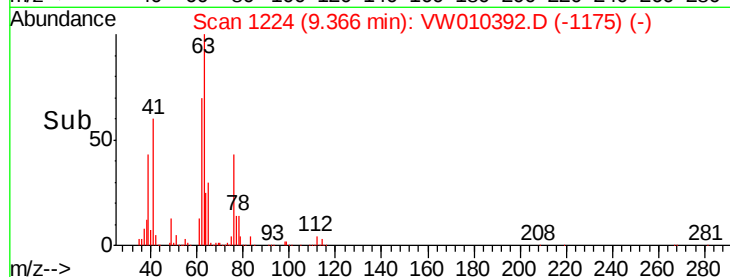
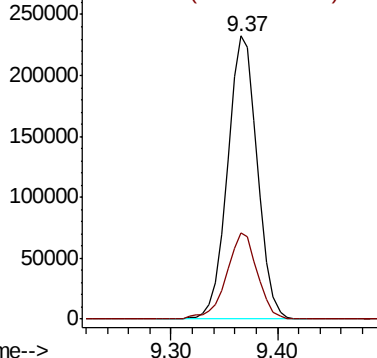
63 100

65 30.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 70.160 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

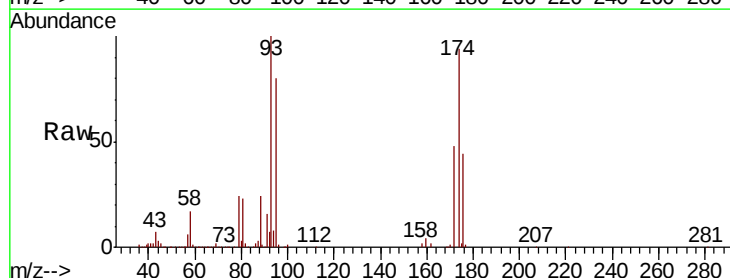
Tgt Ion: 93 Resp: 254450

Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

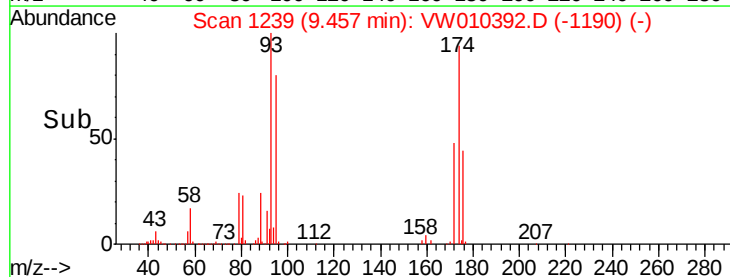
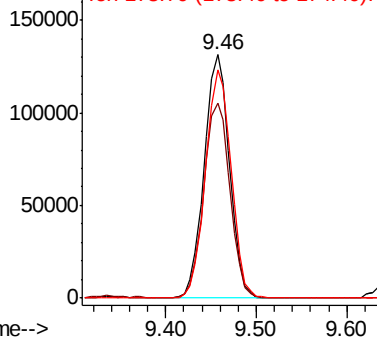
174 94.9 75.5 113.3

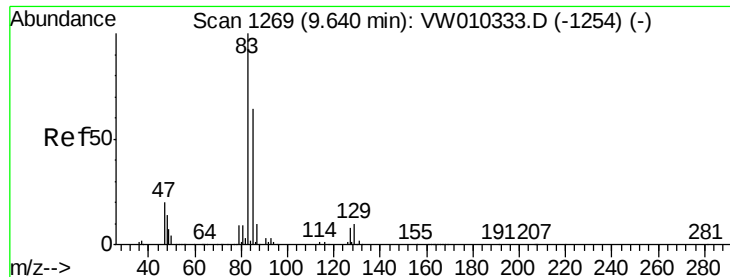


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.579 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

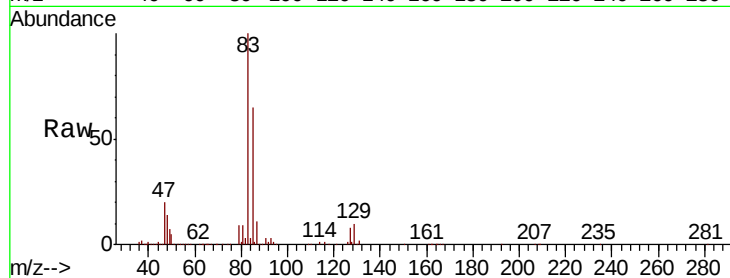
Tot Ion: 83 Resp: 500915

Ion Ratio Lower Upper

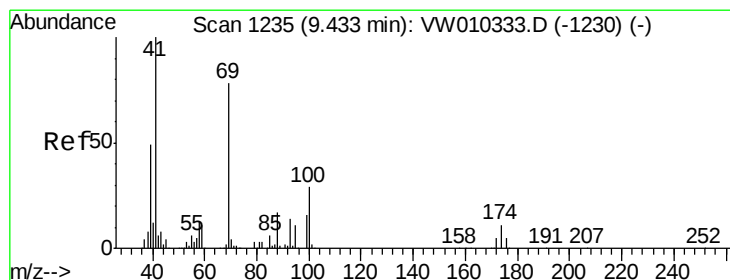
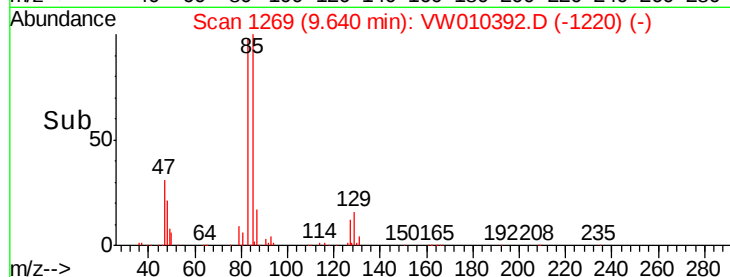
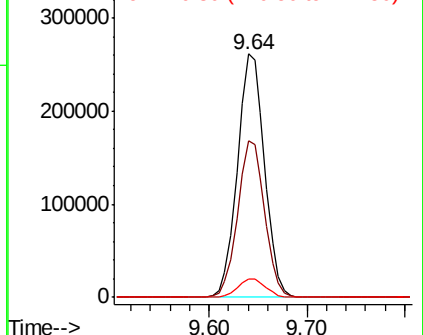
83 100

85 64.5 50.6 75.8

127 7.8 6.6 10.0



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): V



#48

Methyl methacrylate

Concen: 2.872 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

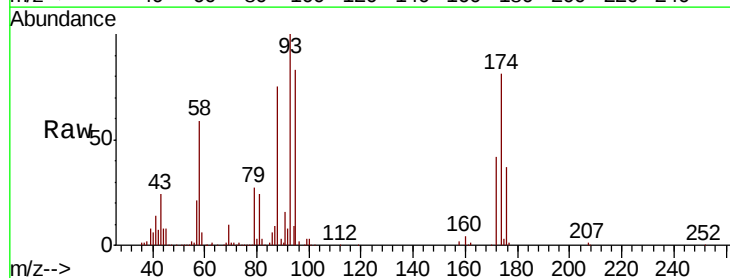
Tgt Ion: 41 Resp: 12365

Ion Ratio Lower Upper

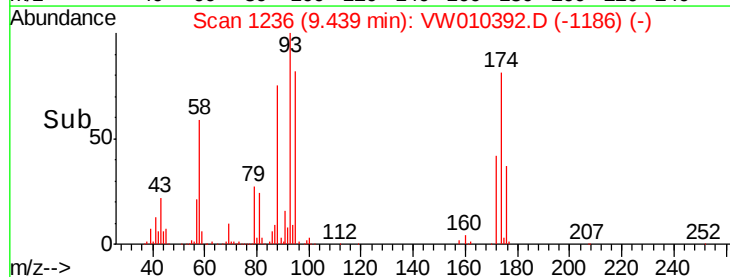
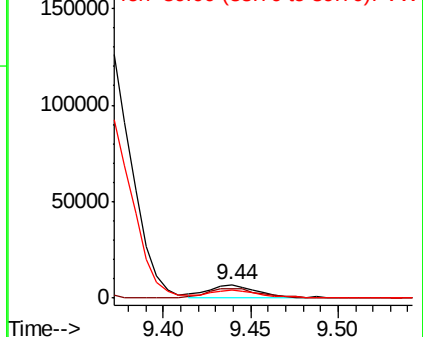
41 100

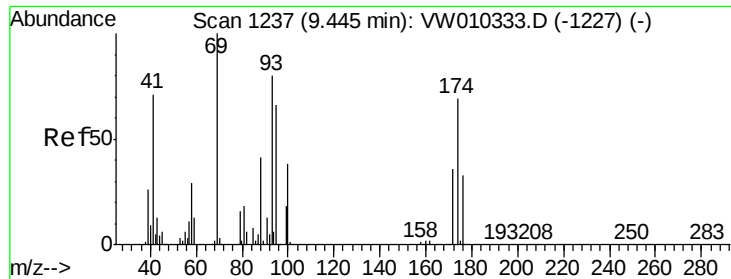
69 83.4 60.1 90.1

39 66.3 51.0 76.6



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

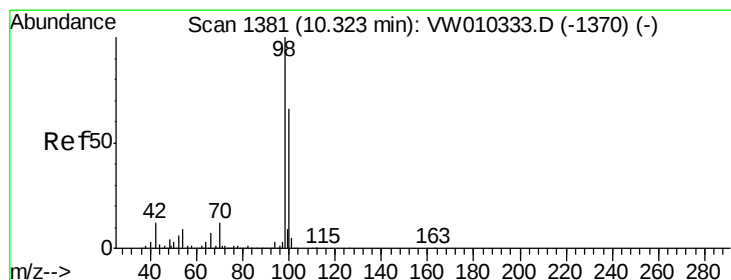
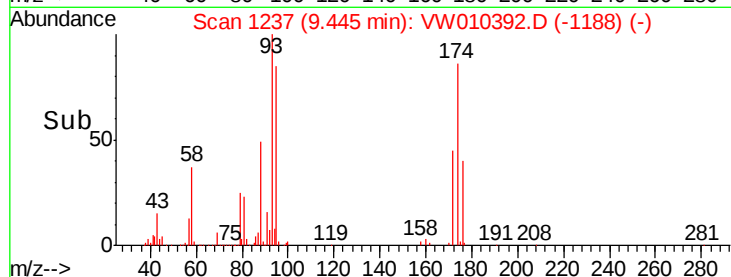
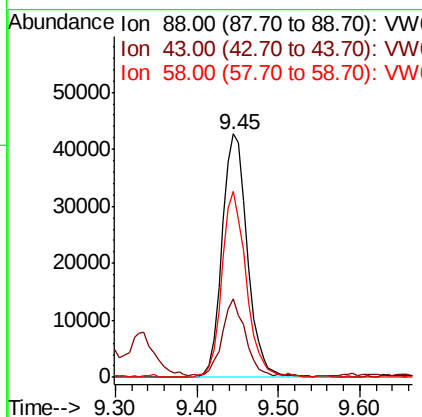
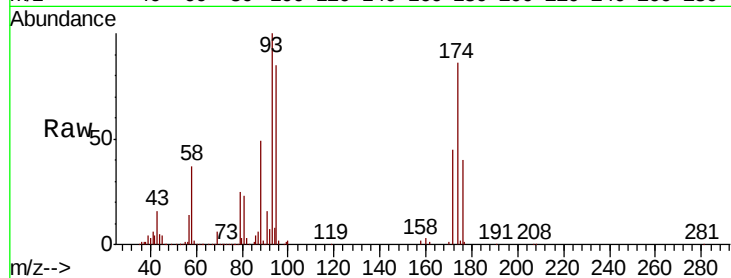




#49
1,4-Dioxane
Concen: 1448.036 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

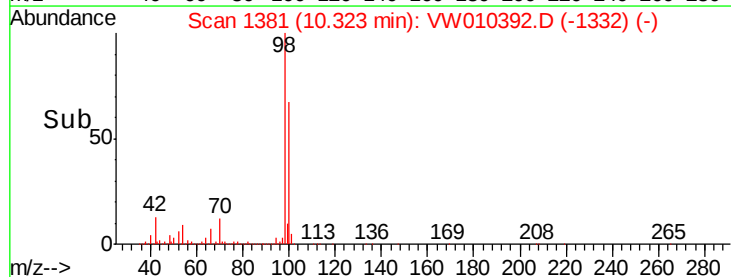
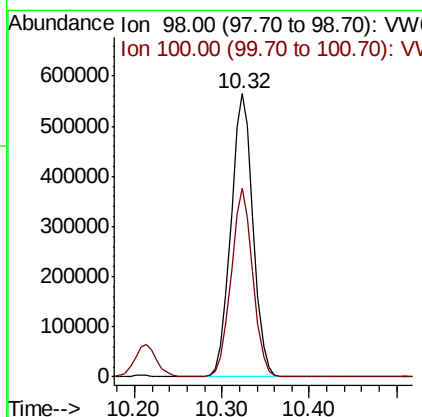
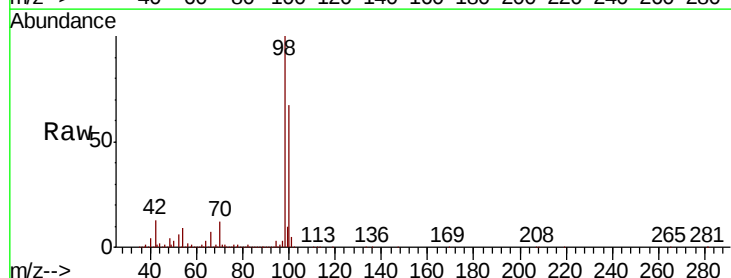
Instrument :
MSVOA_W
ClientSampleId :

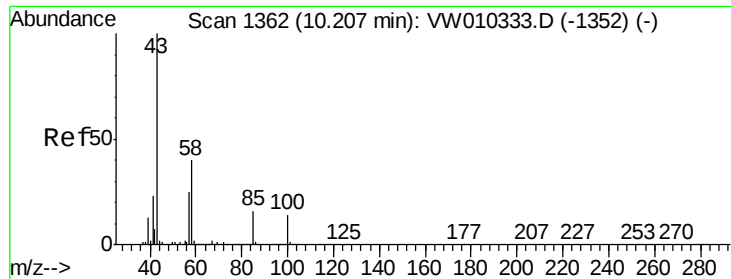
Tot Ion: 88 Resp: 91583
Ion Ratio Lower Upper
88 100
43 28.3 31.9 47.9#
58 73.0 61.8 92.6



#50
Toluene-d8
Concen: 43.676 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion: 98 Resp: 989859
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 151.620 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

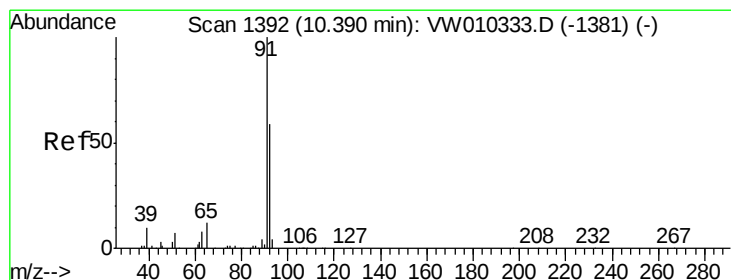
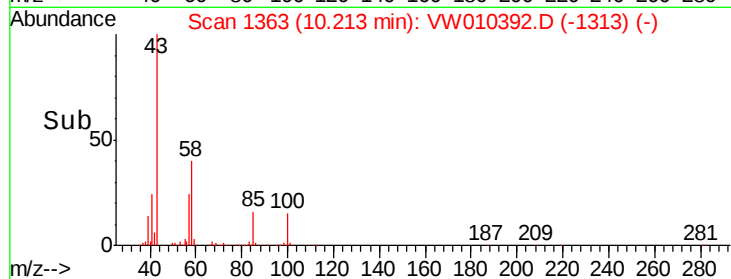
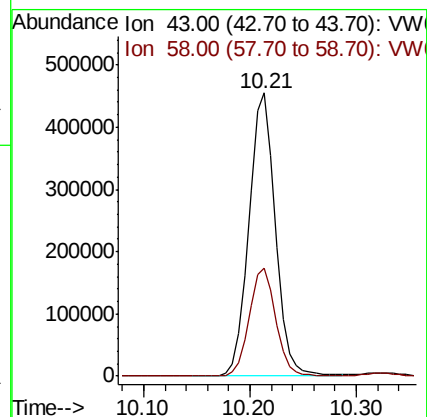
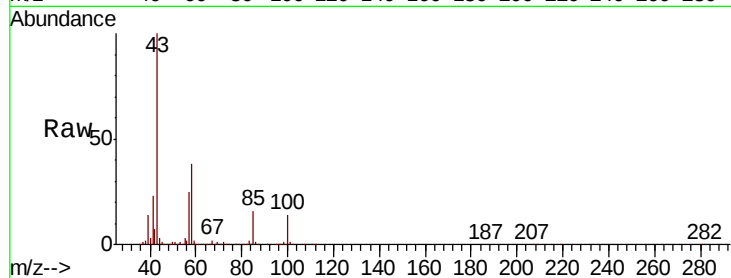
ClientSampleId :

Tot Ion: 43 Resp: 791694

Ion Ratio Lower Upper

43 100

58 38.4 28.9 43.3



#52

Toluene

Concen: 42.597 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010392.D

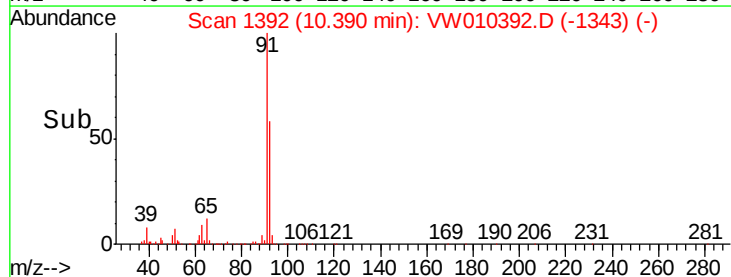
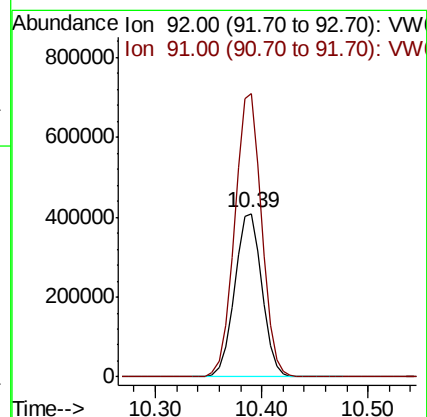
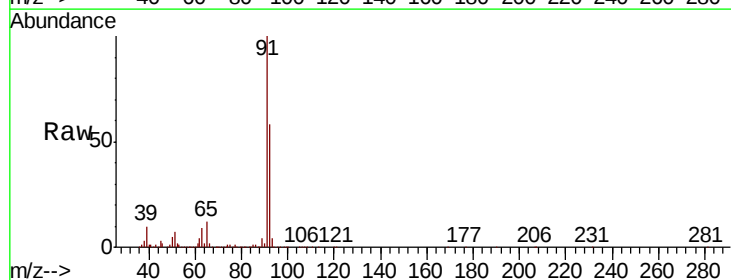
Acq: 11 May 2019 20:25

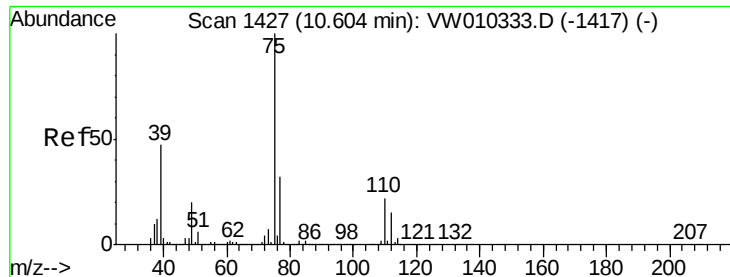
Tgt Ion: 92 Resp: 735315

Ion Ratio Lower Upper

92 100

91 171.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 16.563 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

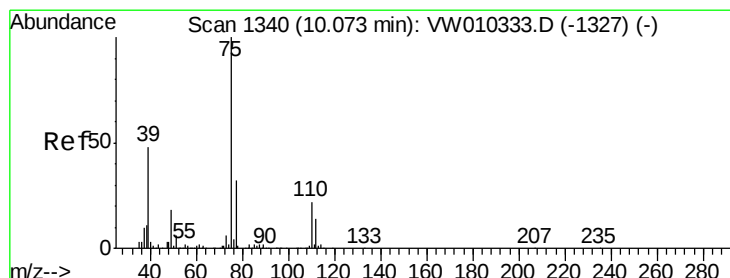
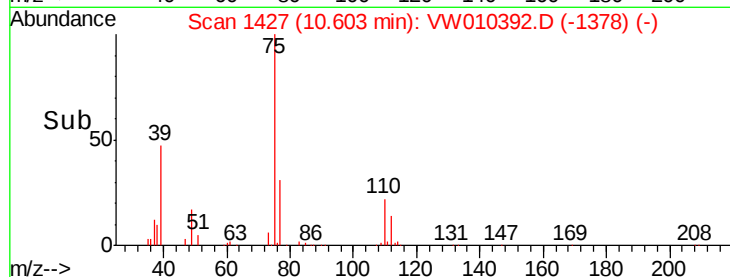
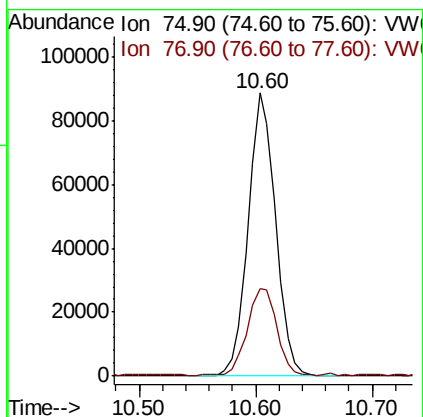
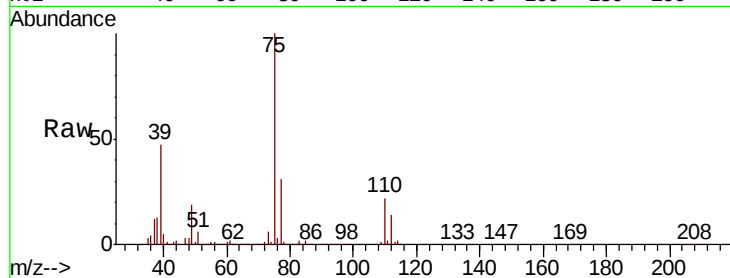
ClientSampleId :

Tot Ion: 75 Resp: 145957

Ion Ratio Lower Upper

75 100

77 30.7 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 15.815 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

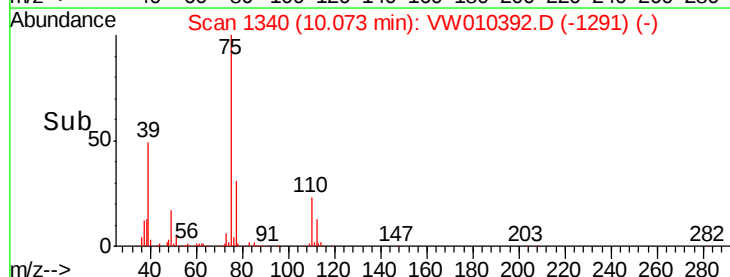
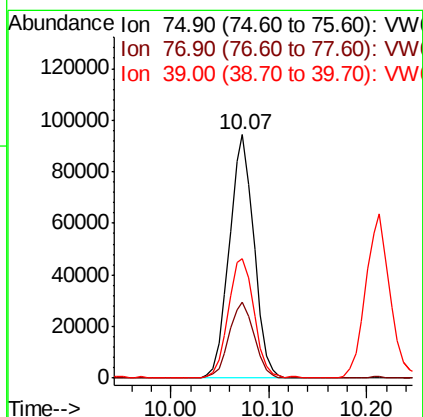
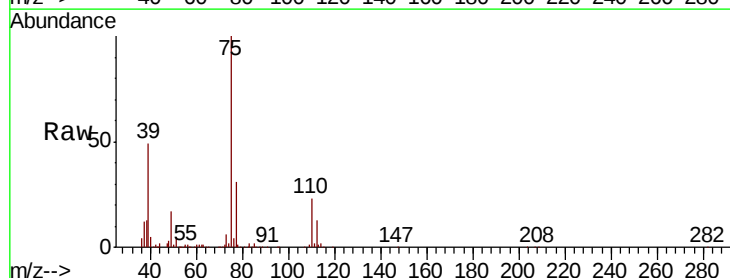
Tgt Ion: 75 Resp: 165041

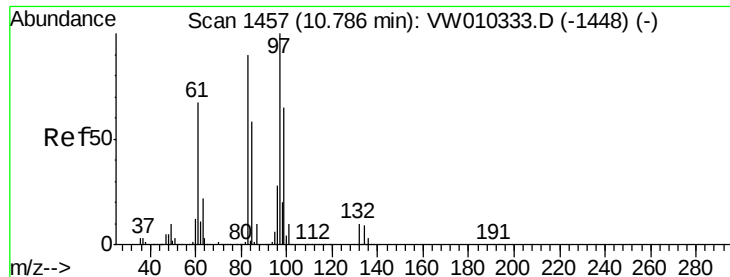
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 48.6 47.8 71.6





#55

1,1,2-Trichloroethane

Concen: 58.038 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 298959

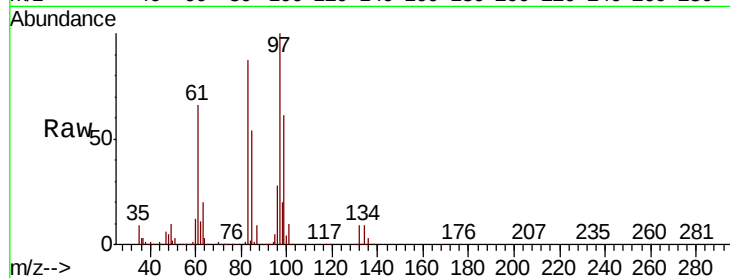
Ion Ratio Lower Upper

97 100

83 86.6 68.9 103.3

85 54.2 42.9 64.3

99 61.2 48.6 72.8



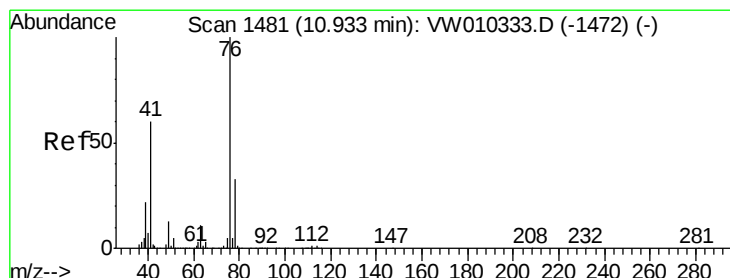
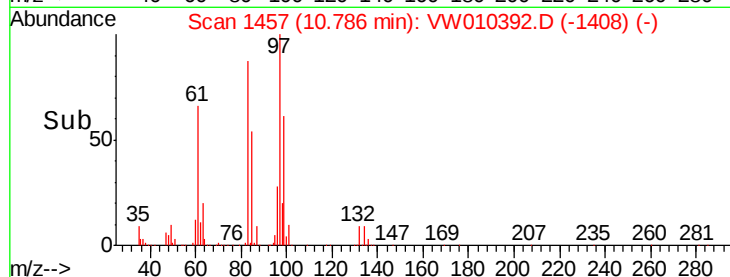
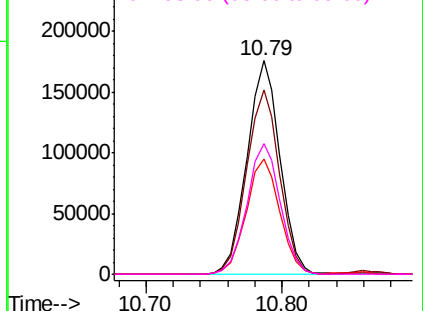
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#57

1,3-Dichloropropane

Concen: 57.119 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010392.D

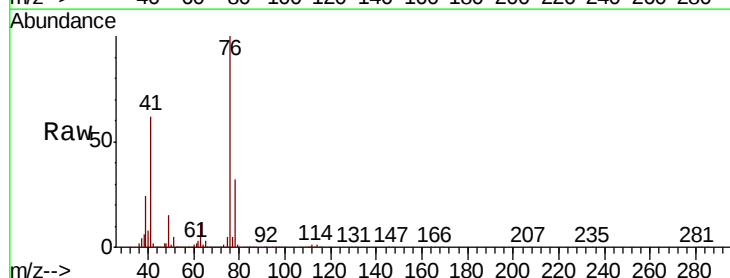
Acq: 11 May 2019 20:25

Tgt Ion: 76 Resp: 525986

Ion Ratio Lower Upper

76 100

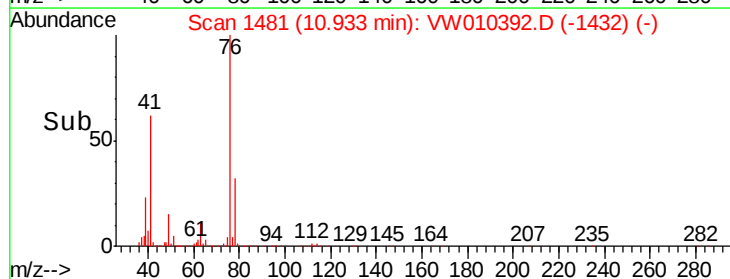
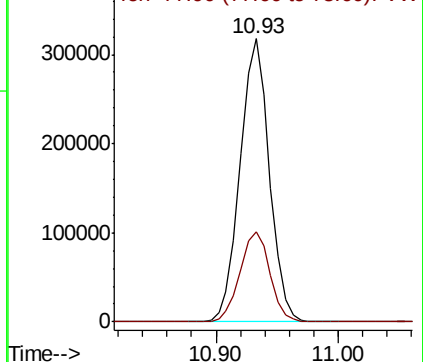
78 32.6 25.8 38.8

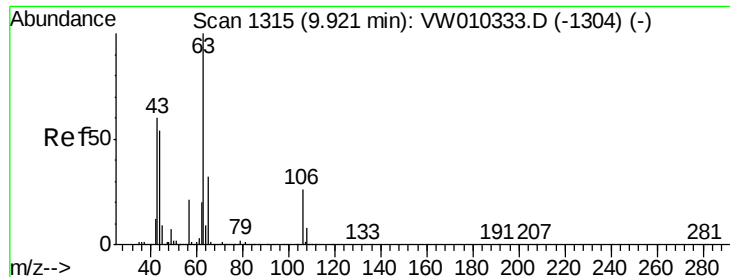


Abundance

Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW





#58

2-Chloroethyl Vinyl ether

Concen: 37.579 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

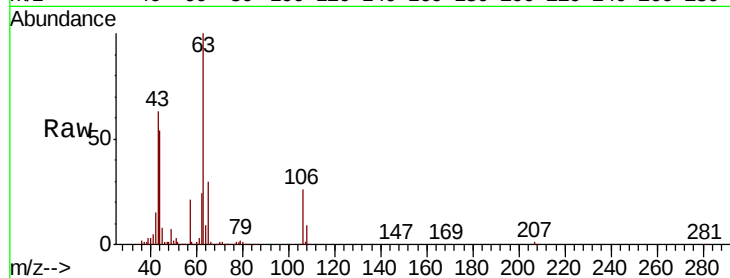
ClientSampleId :

Tot Ion: 63 Resp: 122387

Ion Ratio Lower Upper

63 100

106 26.3 21.4 32.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): VW

9.93

80000

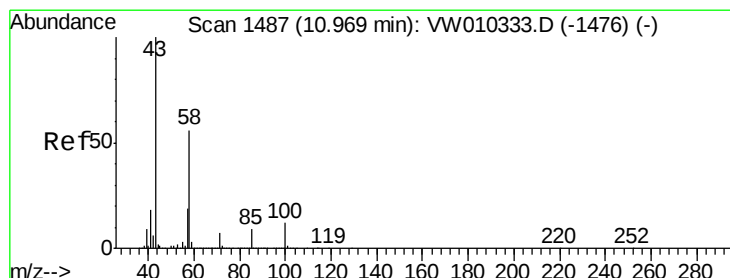
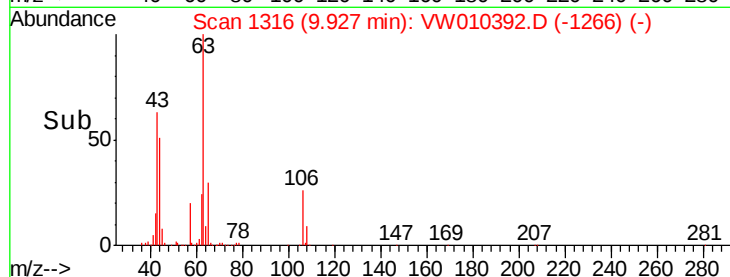
60000

40000

20000

0

Time--> 9.80 9.90 10.00



#59

2-Hexanone

Concen: 58.714 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010392.D

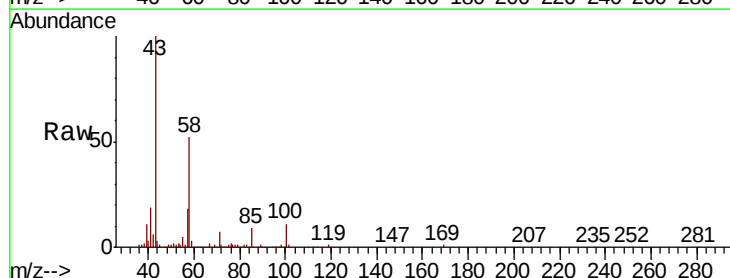
Acq: 11 May 2019 20:25

Tgt Ion: 43 Resp: 216762

Ion Ratio Lower Upper

43 100

58 52.2 24.9 74.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

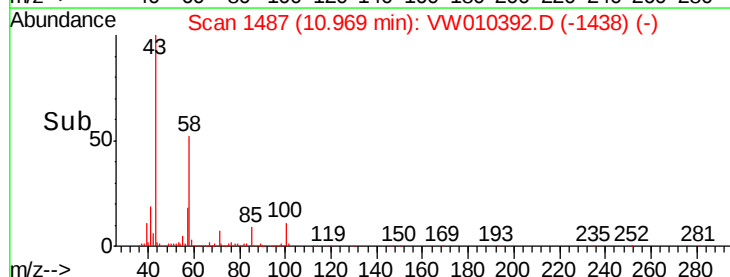
150000

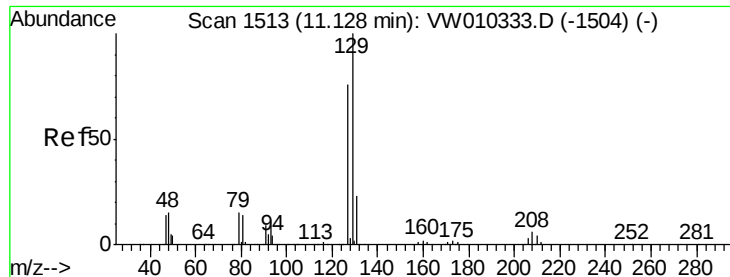
100000

50000

0

Time--> 10.90 11.00





#60

Dibromochloromethane

Concen: 46.292 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

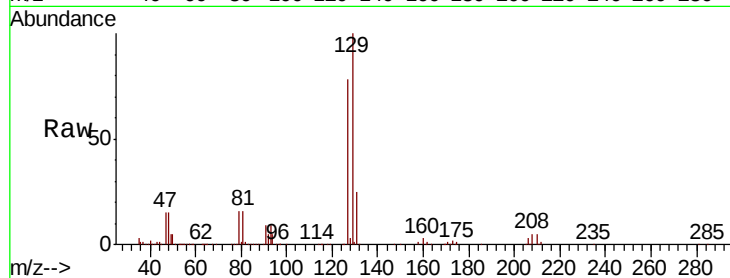
ClientSampleId :

Tot Ion:129 Resp: 256589

Ion Ratio Lower Upper

129 100

127 76.8 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

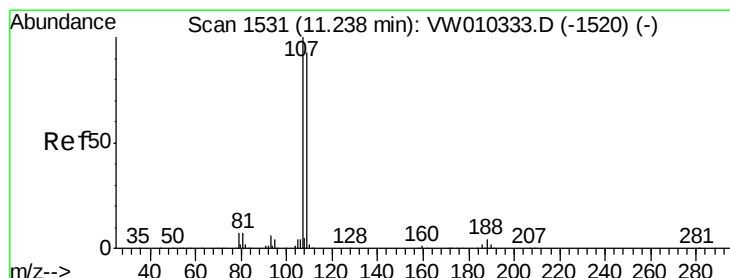
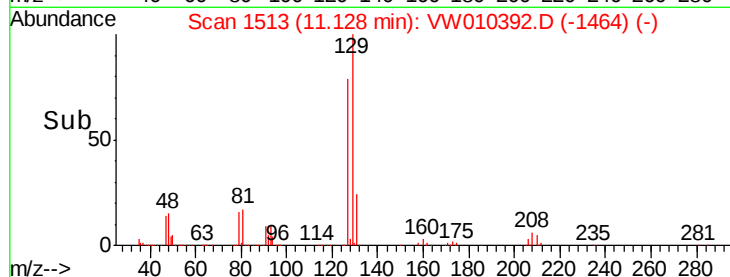
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 35.082 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010392.D

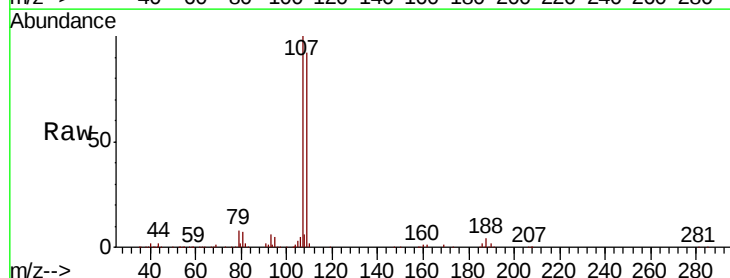
Acq: 11 May 2019 20:25

Tgt Ion:107 Resp: 173476

Ion Ratio Lower Upper

107 100

109 93.9 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

100000

80000

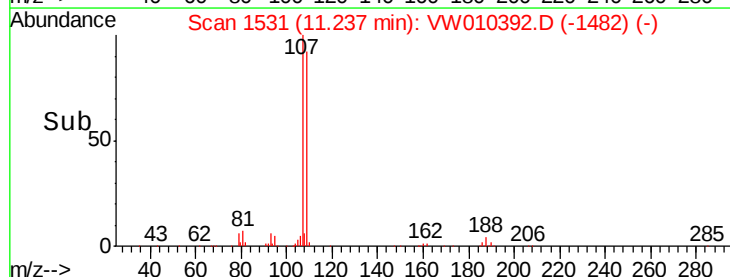
60000

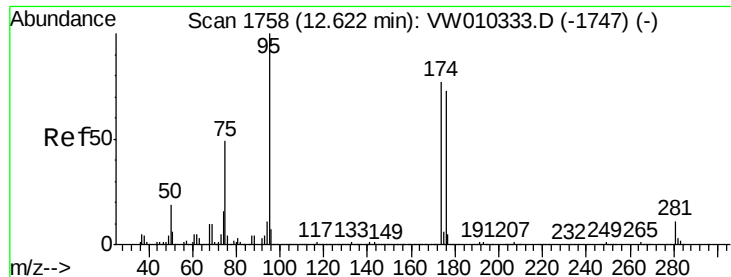
40000

20000

0

Time-->

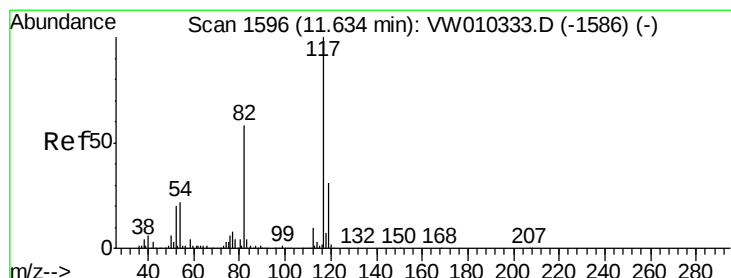
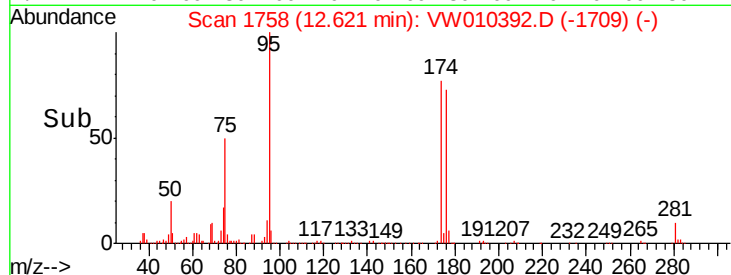
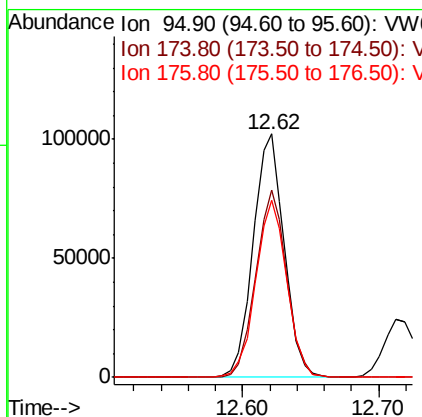
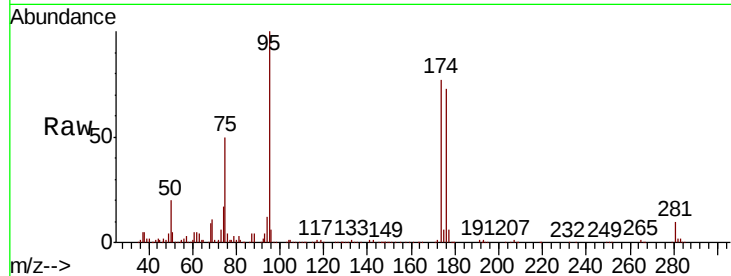




#62
4-Bromofluorobenzene
Concen: 20.472 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

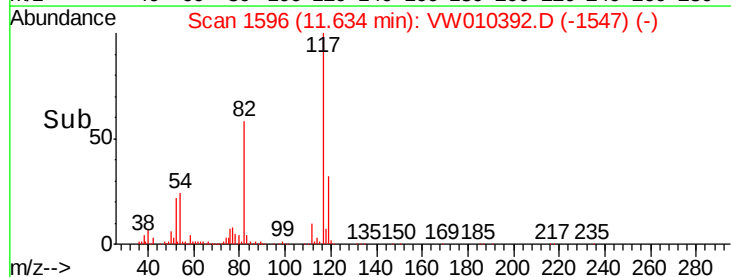
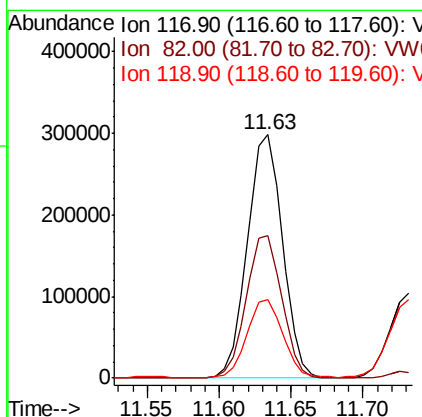
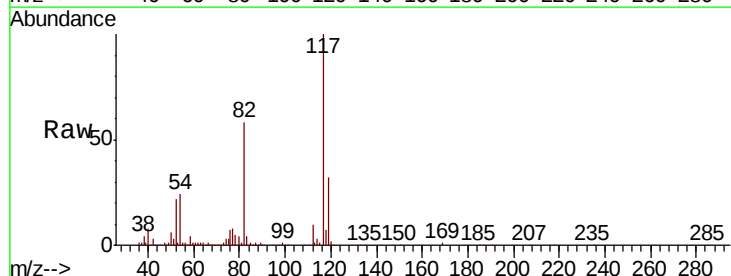
Instrument :
MSVOA_W
ClientSampleId :

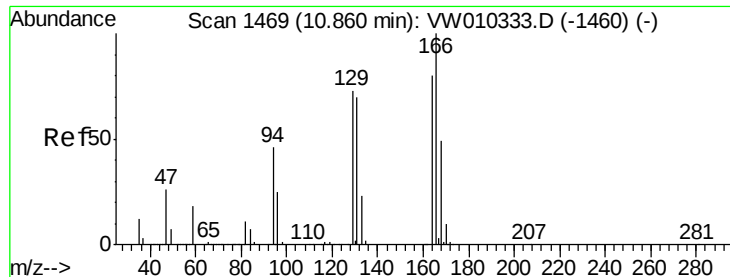
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	151.4
176	73.0	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.2	67.8
119	32.1	25.4	38.2





#64

Tetrachloroethene

Concen: 52.822 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 185688

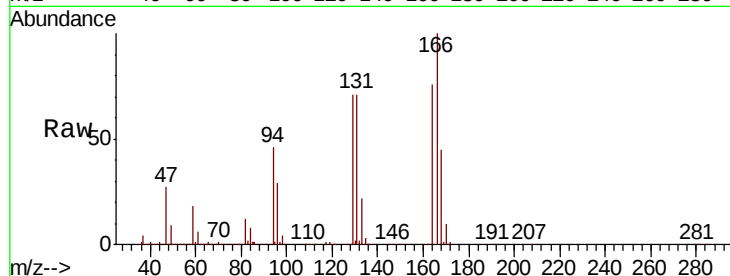
Ion Ratio Lower Upper

164 100

166 131.2 101.2 151.8

129 92.9 77.8 116.6

131 93.3 73.1 109.7

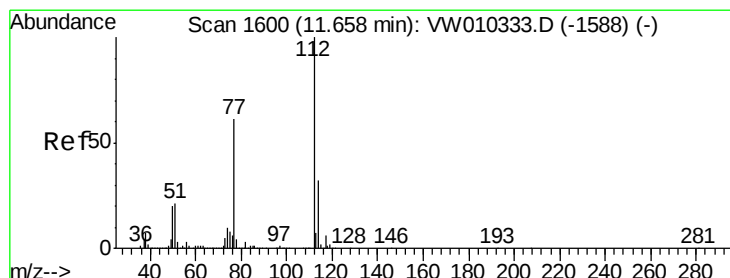
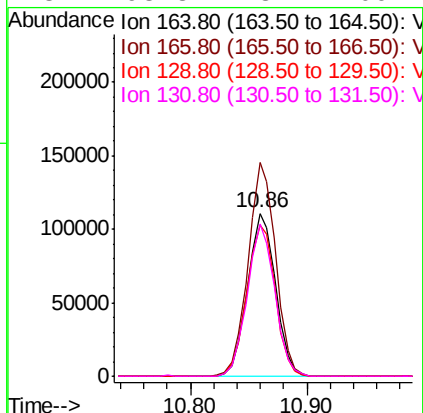
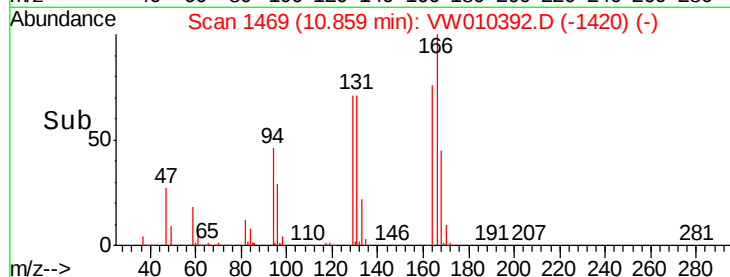


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.750 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010392.D

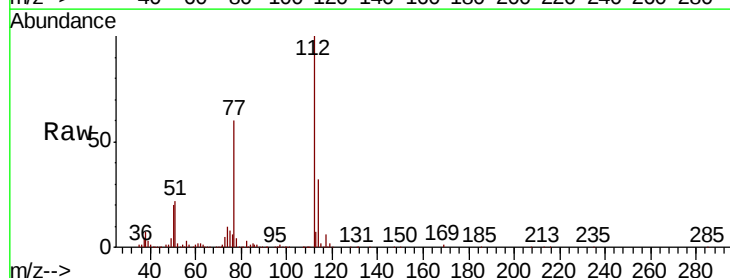
Acq: 11 May 2019 20:25

Tgt Ion:112 Resp: 507561

Ion Ratio Lower Upper

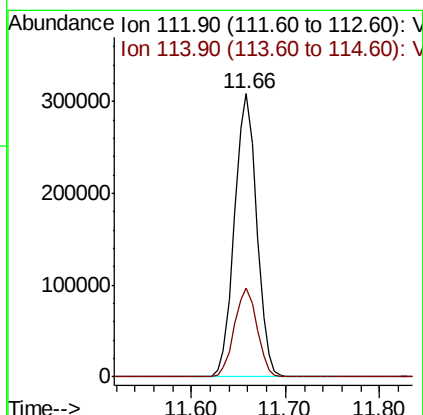
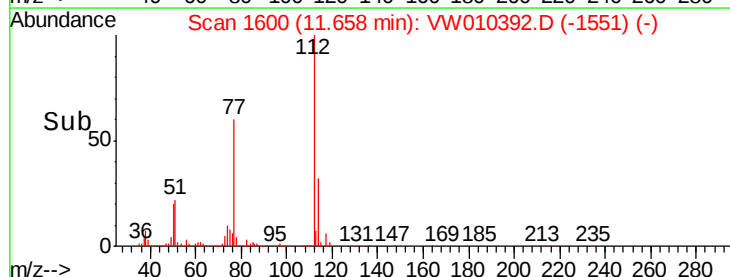
112 100

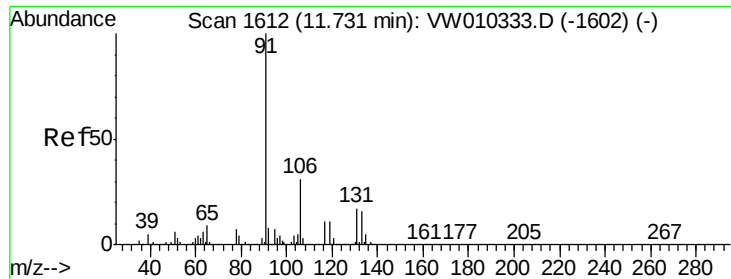
114 31.6 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

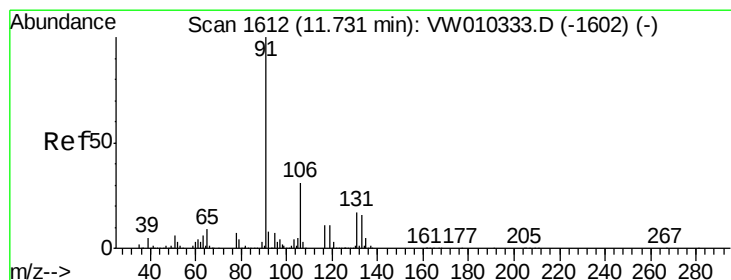
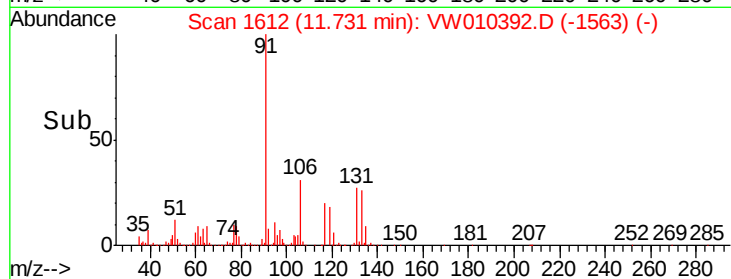
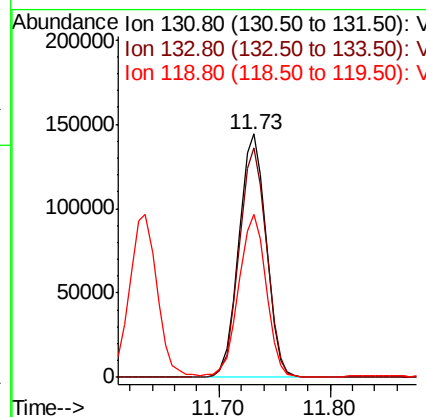
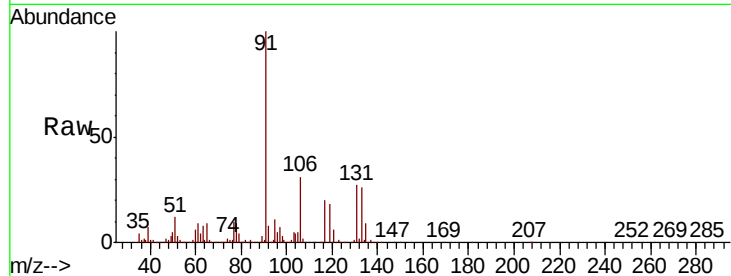




#66
 1,1,1,2-Tetrachloroethane
 Concen: 69.510 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

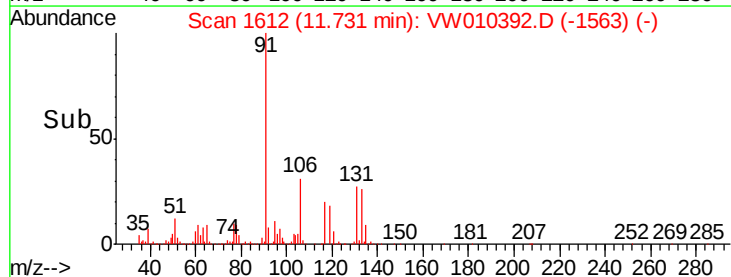
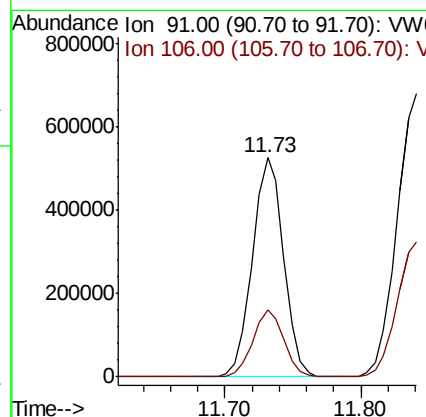
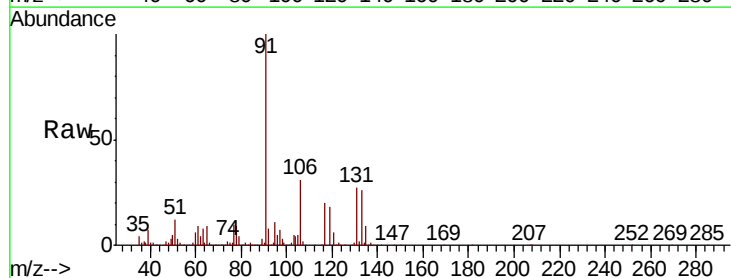
Instrument :
 MSVOA_W
 ClientSampleId :

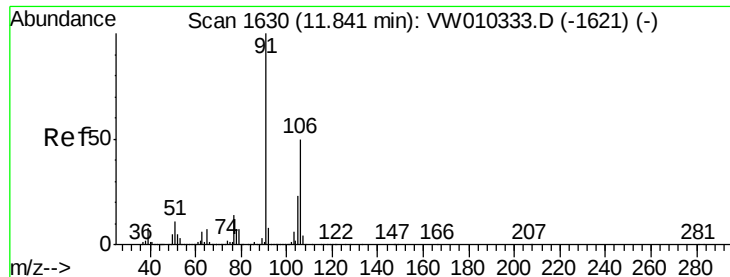
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	46.5	139.5
119	67.0	31.9	95.5



#67
 Ethyl Benzene
 Concen: 44.147 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.8

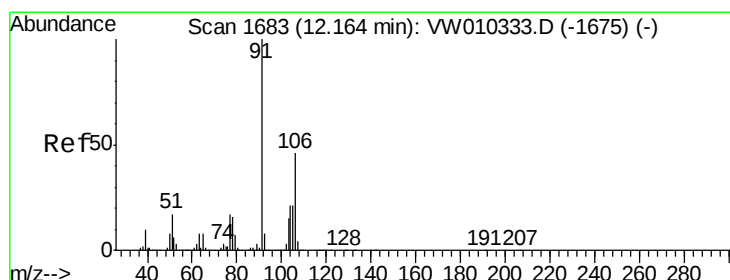
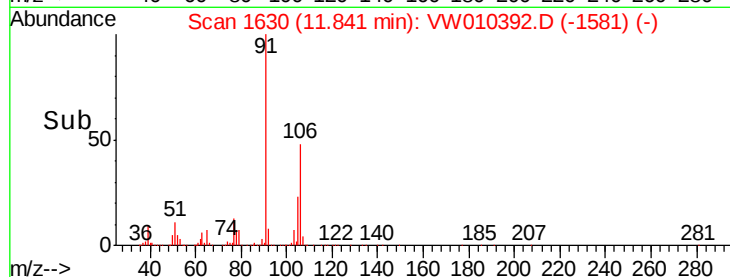
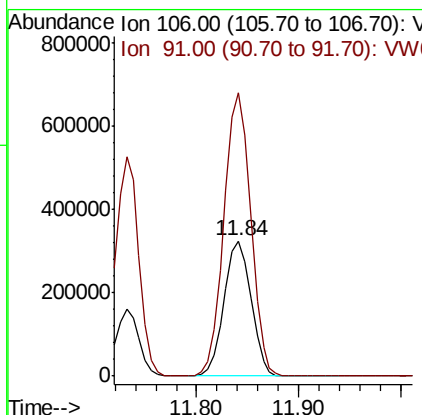
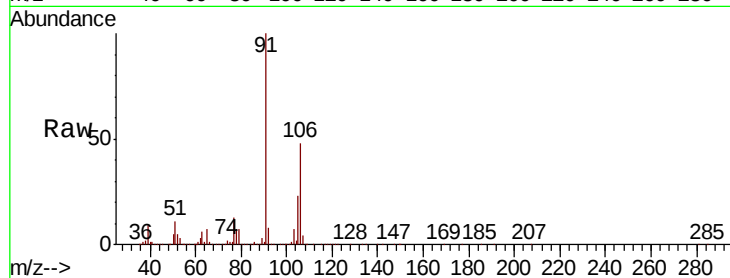




#68
m/p-Xylenes
Concen: 83.665 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

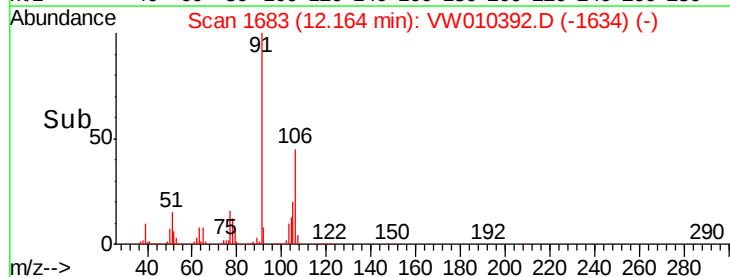
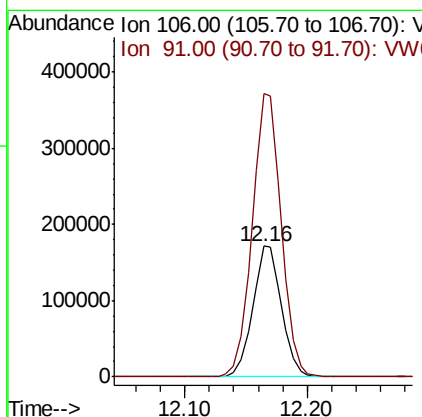
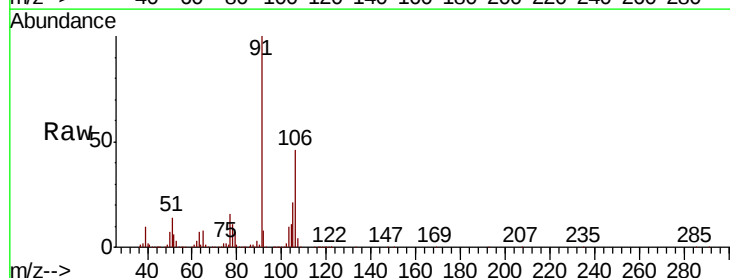
Instrument :
MSVOA_W
ClientSampleId :

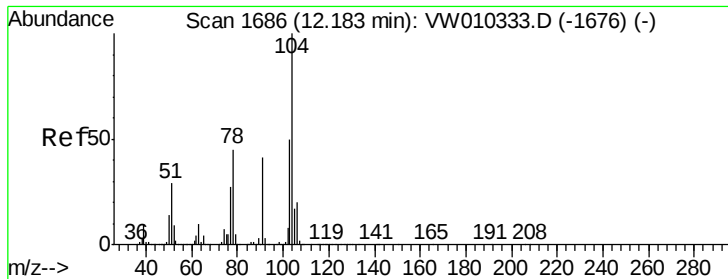
Tot Ion:106 Resp: 595383
Ion Ratio Lower Upper
106 100
91 208.5 165.0 247.6



#69
o-Xylene
Concen: 43.453 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion:106 Resp: 279728
Ion Ratio Lower Upper
106 100
91 219.1 110.5 331.4





#70

Stvrene

Concen: 21.541 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010392.D

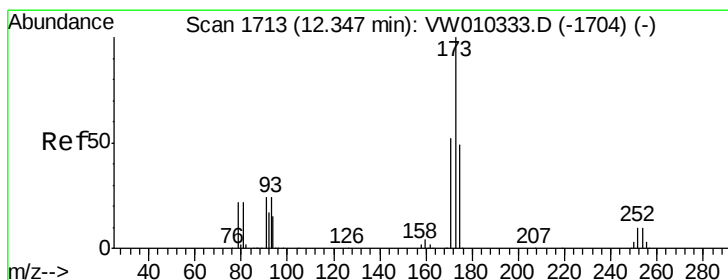
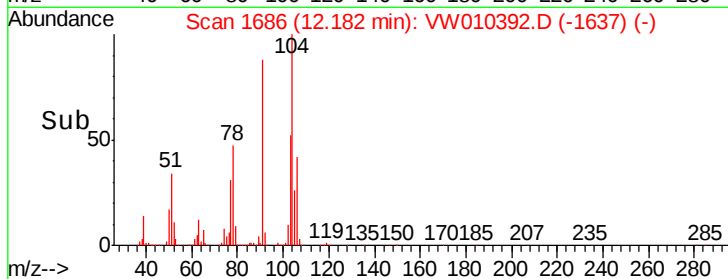
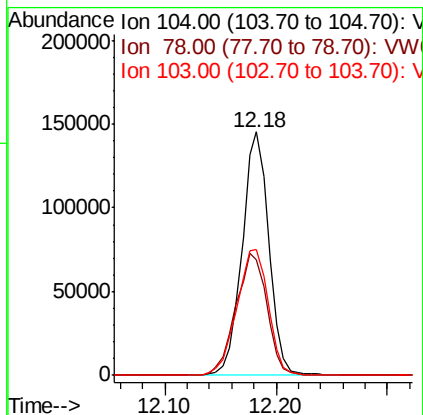
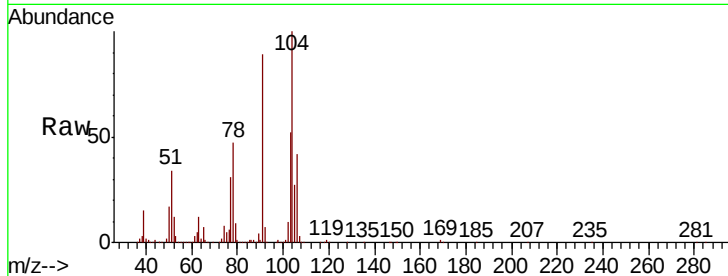
Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	104	Resp:	241620
Ion	Ratio	Lower	Upper
104	100		
78	58.0	42.5	63.7
103	61.2	43.6	65.4



#71

Bromoform

Concen: 53.833 ug/l

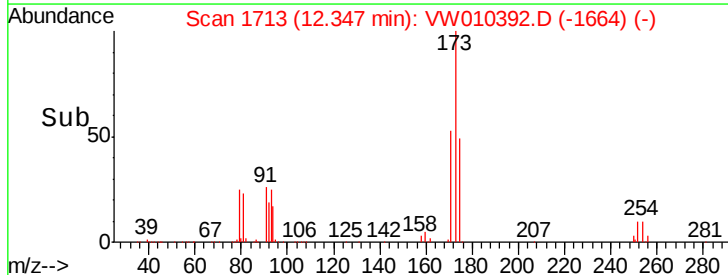
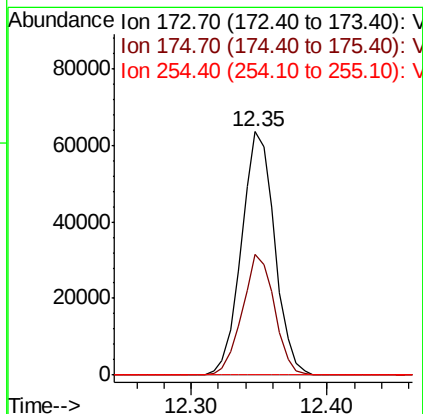
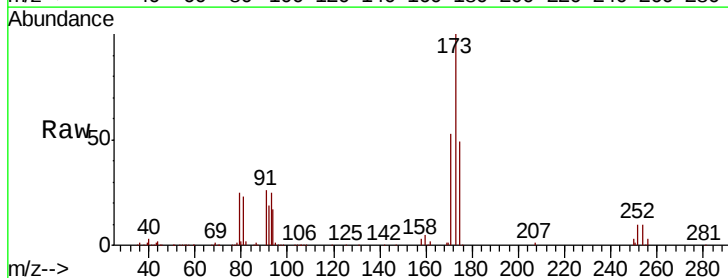
RT: 12.35 min Scan# 1713

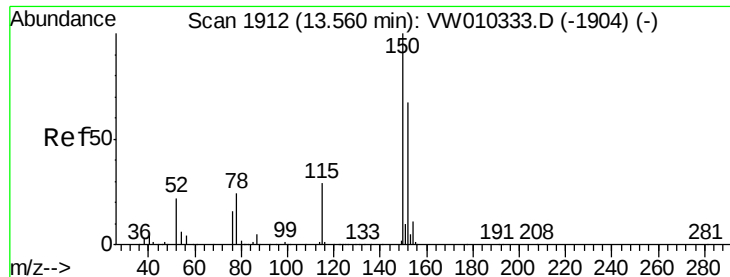
Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Tgt Ion:	173	Resp:	108291
Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.4
254	0.3	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampled :

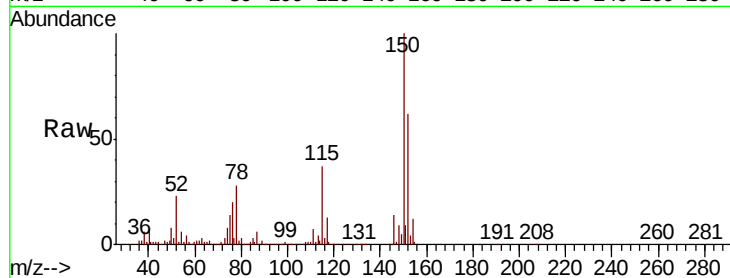
Tot Ion:152 Resp: 108535

Ion Ratio Lower Upper

152 100

115 60.8 30.4 91.2

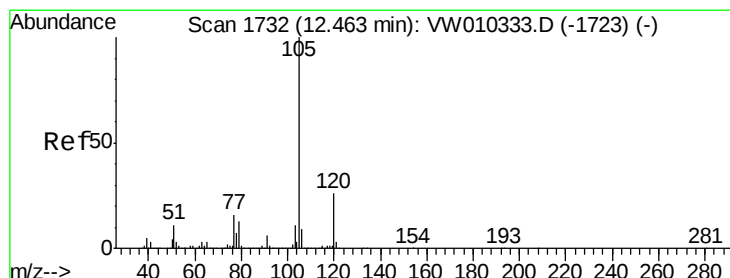
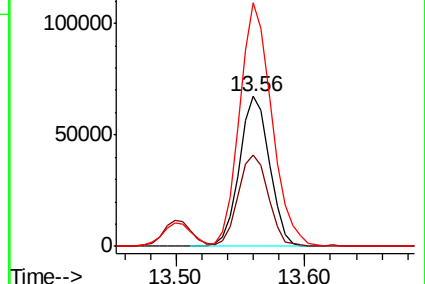
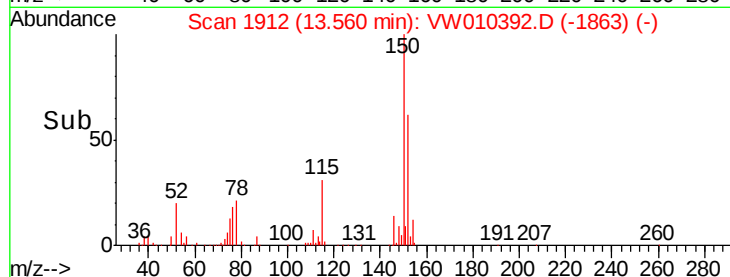
150 173.9 0.0 347.0



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: 69.151 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010392.D

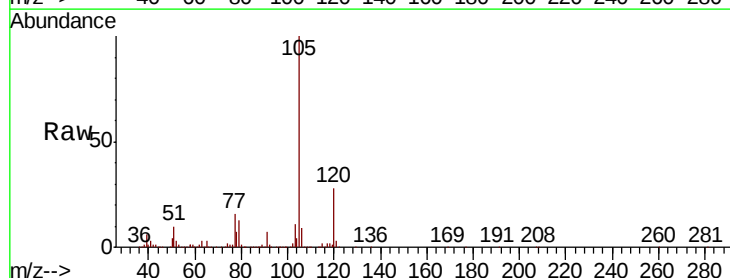
Acq: 11 May 2019 20:25

Tgt Ion:105 Resp: 547059

Ion Ratio Lower Upper

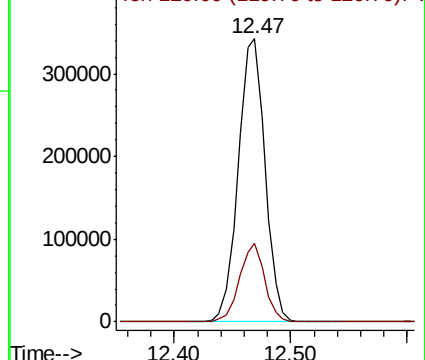
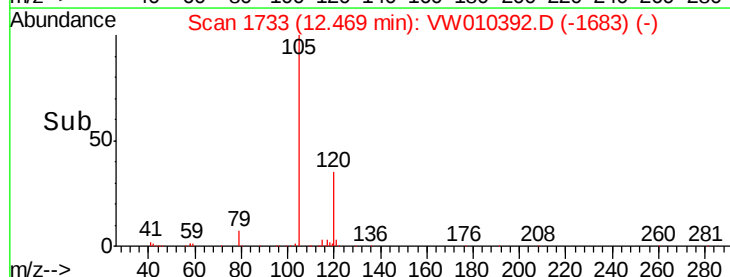
105 100

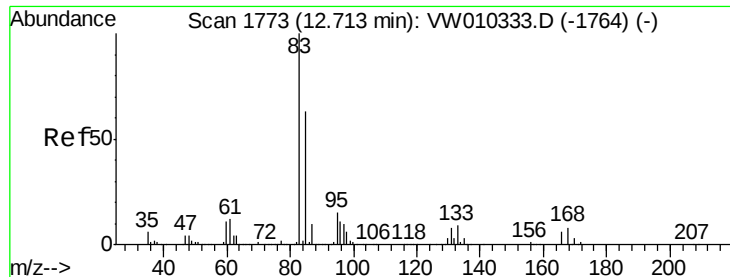
120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 141.508 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

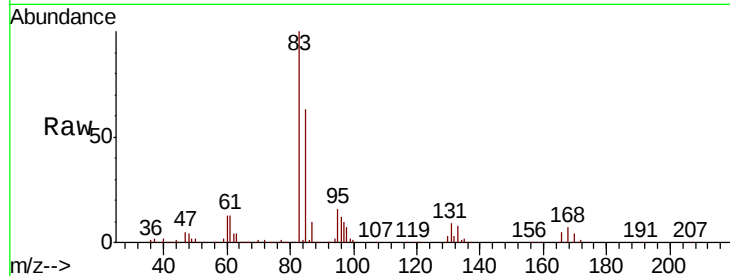
Tot Ion: 83 Resp: 246663

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.8

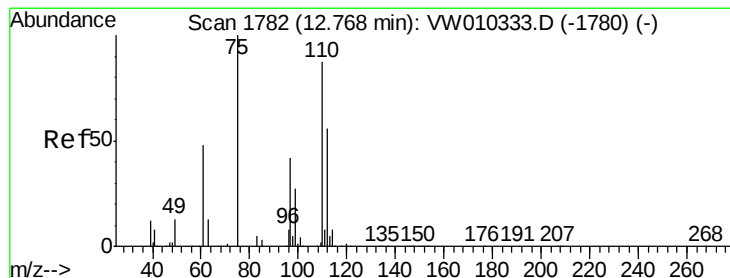
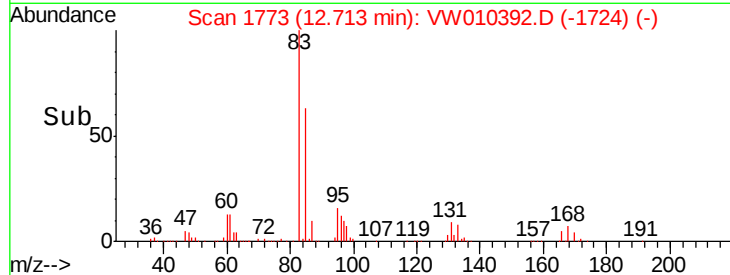
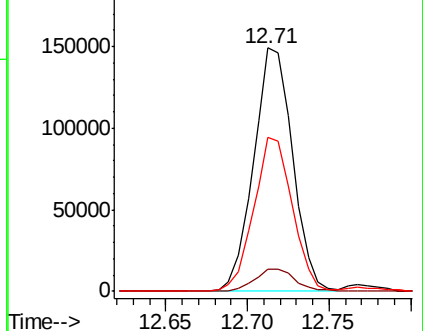
85 62.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW010333.D (-1764) (-)

Ion 130.80 (130.50 to 131.50): VW010333.D (-1764) (-)

Ion 84.90 (84.60 to 85.60): VW010333.D (-1764) (-)



#76

1,2,3-Trichloropropane

Concen: 196.650 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010392.D

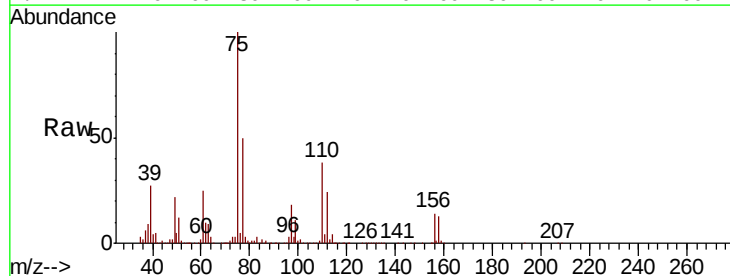
Acq: 11 May 2019 20:25

Tgt Ion: 75 Resp: 248846

Ion Ratio Lower Upper

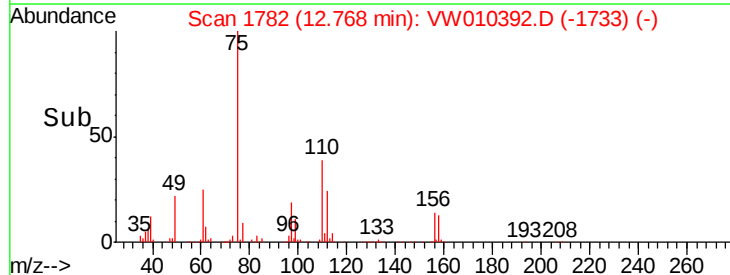
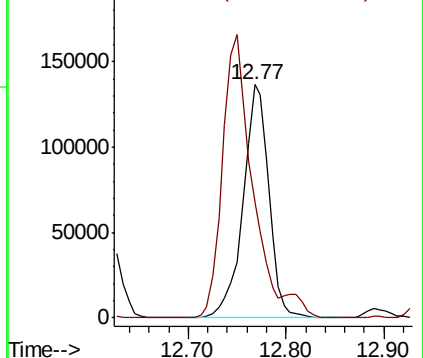
75 100

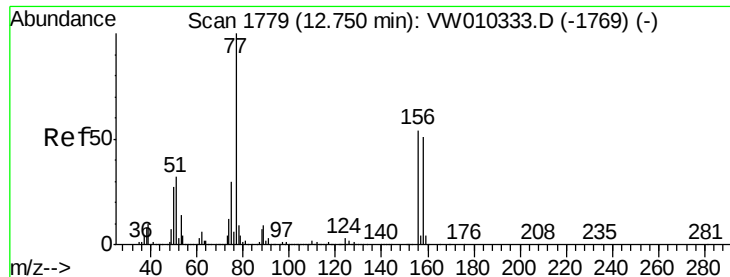
77 137.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW010333.D (-1780) (-)

Ion 77.00 (76.70 to 77.70): VW010333.D (-1780) (-)





#77

Bromobenzene

Concen: 83.977 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

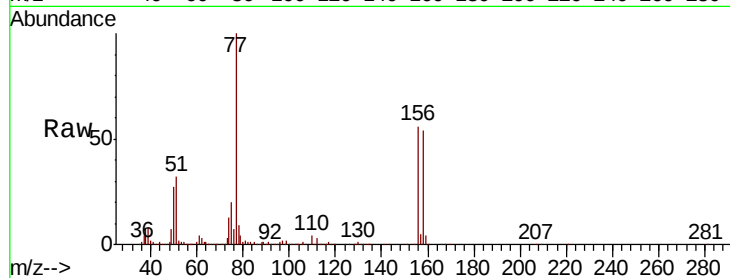
Tot Ion:156 Resp: 150008

Ion Ratio Lower Upper

156 100

77 228.7 102.5 307.4

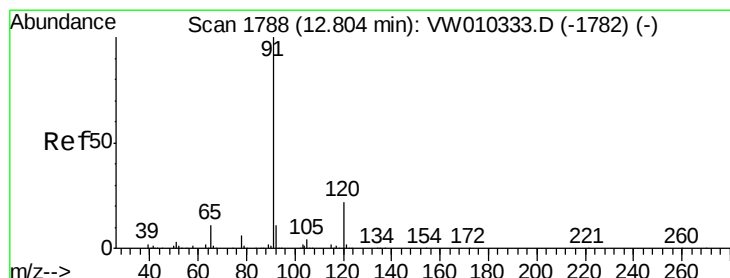
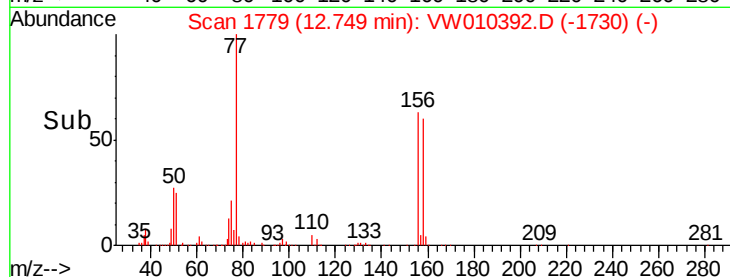
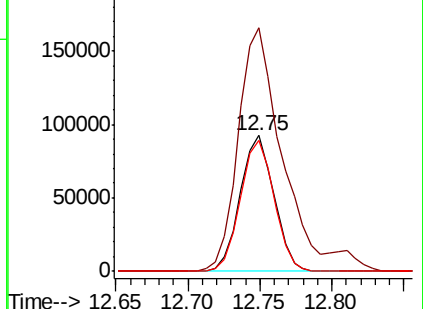
158 96.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.669 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010392.D

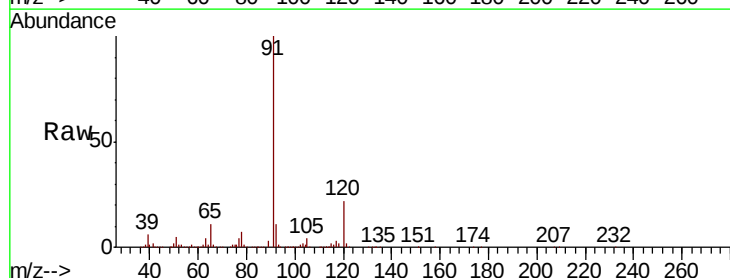
Acq: 11 May 2019 20:25

Tgt Ion: 91 Resp: 524396

Ion Ratio Lower Upper

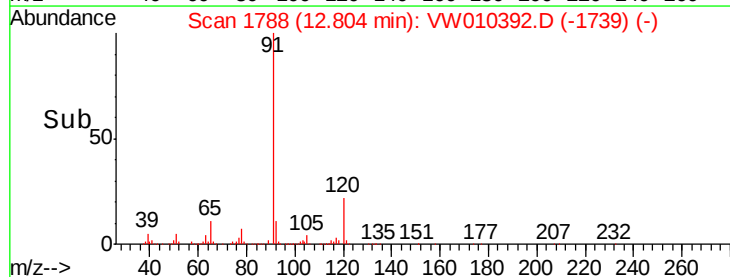
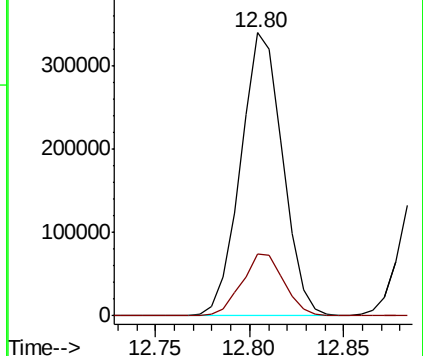
91 100

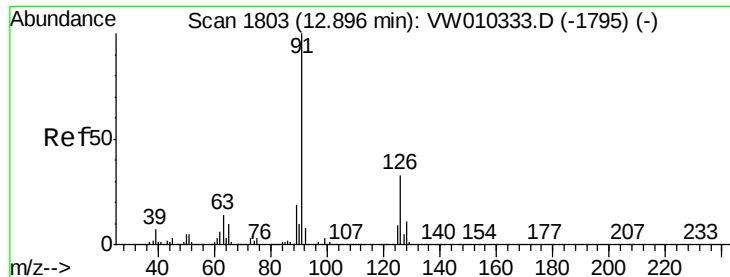
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 59.085 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

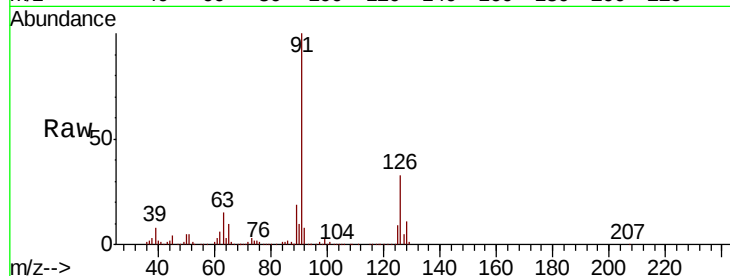
ClientSampleId :

Tot Ion: 91 Resp: 328768

Ion Ratio Lower Upper

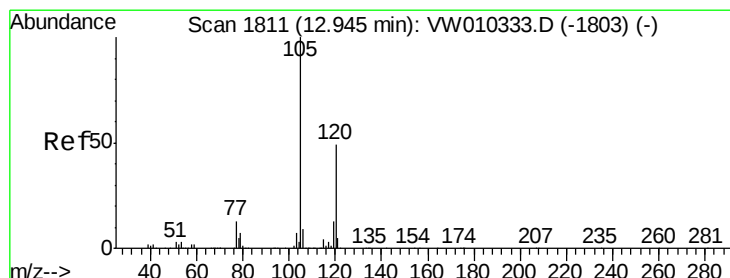
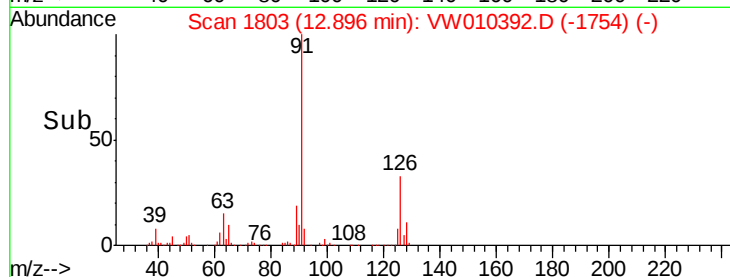
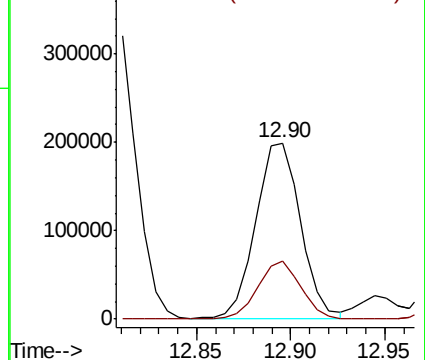
91 100

126 31.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.835 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010392.D

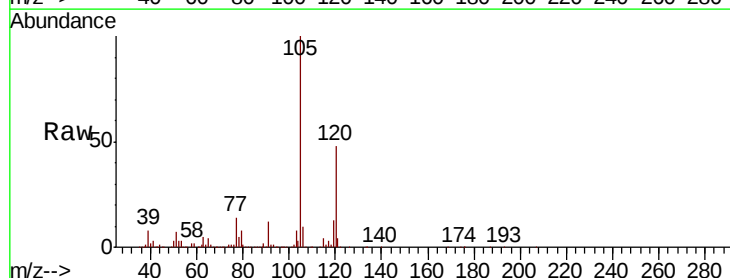
Acq: 11 May 2019 20:25

Tgt Ion:105 Resp: 345714

Ion Ratio Lower Upper

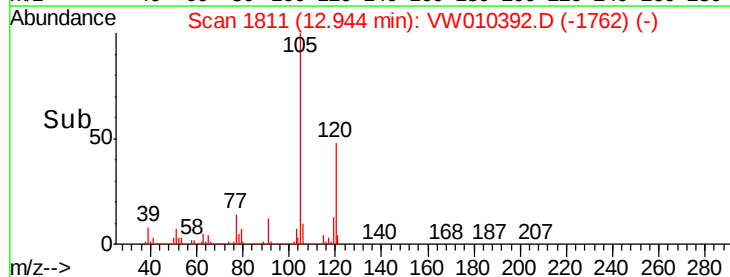
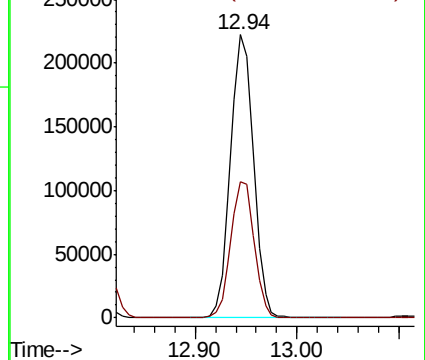
105 100

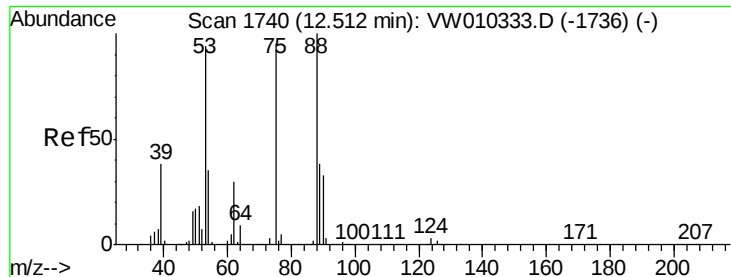
120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.918 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampled :

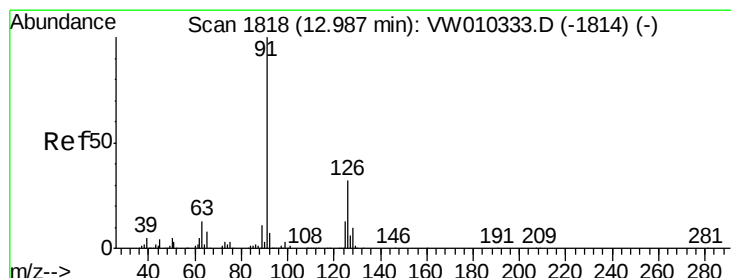
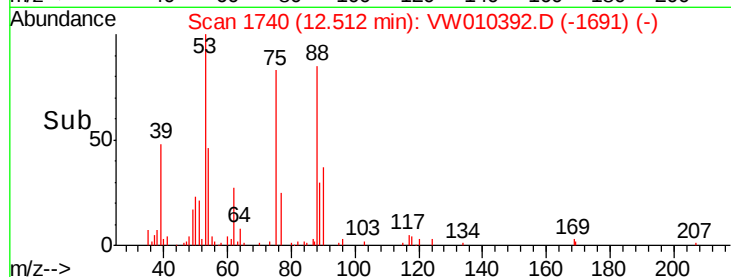
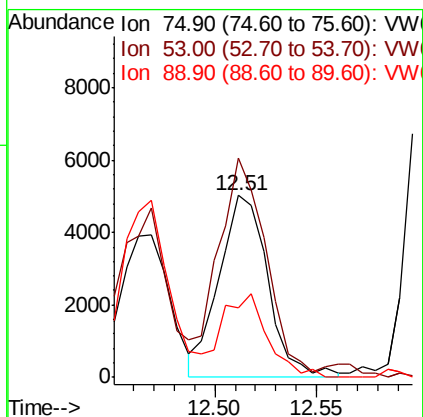
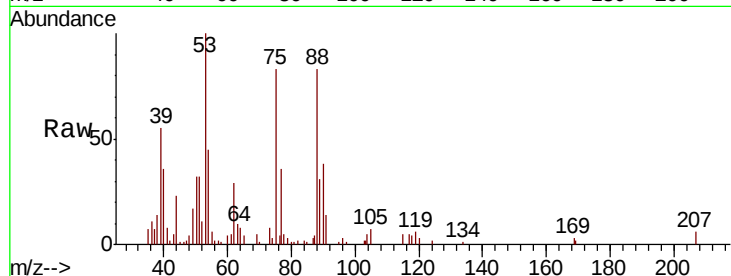
Tot Ion: 75 Resp: 8359

Ion Ratio Lower Upper

75 100

53 116.9 89.8 134.8

89 42.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 57.220 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010392.D

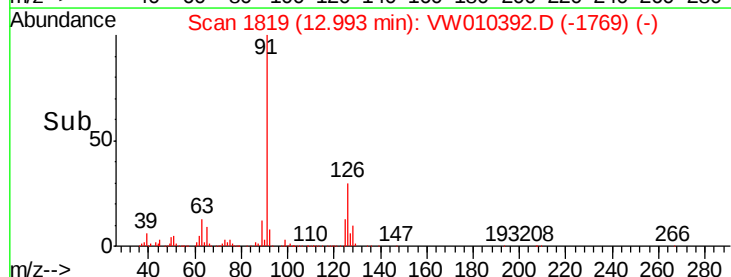
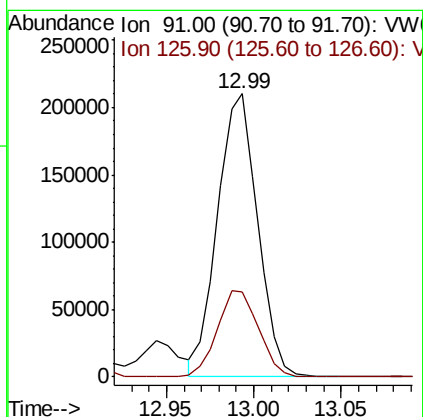
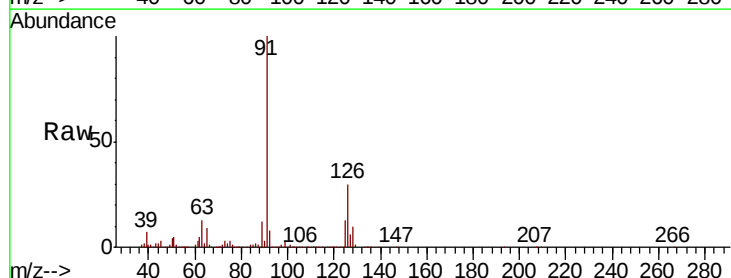
Acq: 11 May 2019 20:25

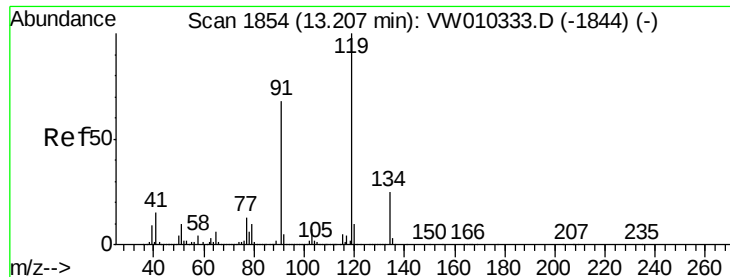
Tgt Ion: 91 Resp: 333599

Ion Ratio Lower Upper

91 100

126 31.6 16.4 49.1





#83

tert-Butylbenzene

Concen: 49.942 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW010392.D

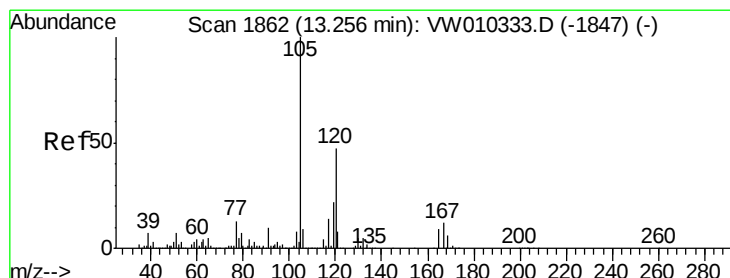
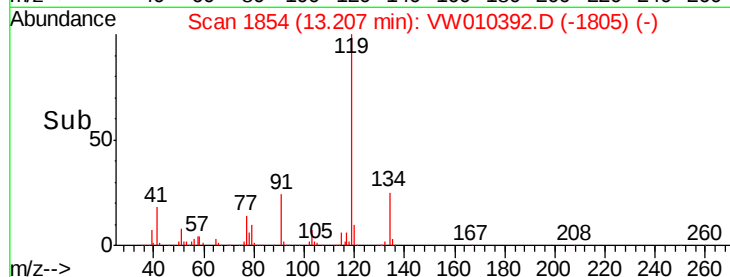
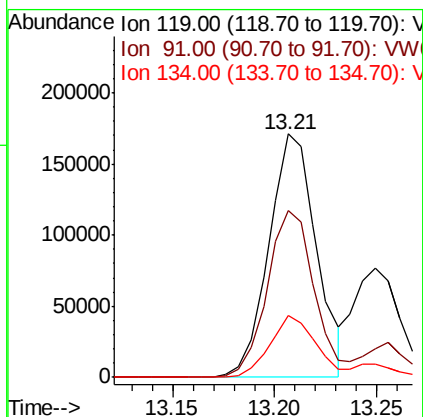
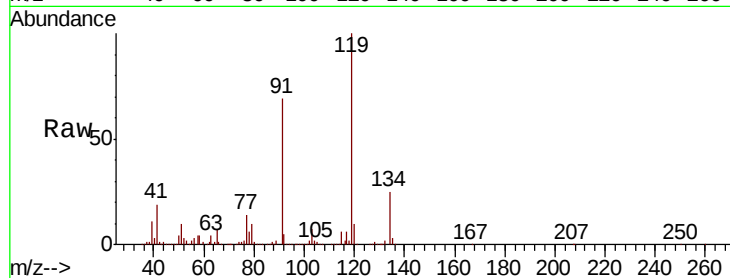
Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	119	Resp:	277827
Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.8	104.4
134	25.1	13.7	41.1



#84

1,2,4-Trimethylbenzene

Concen: 53.119 ug/l

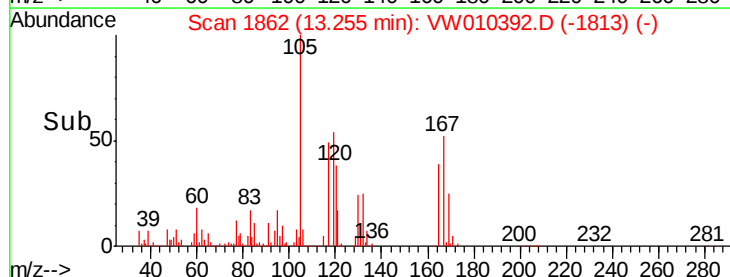
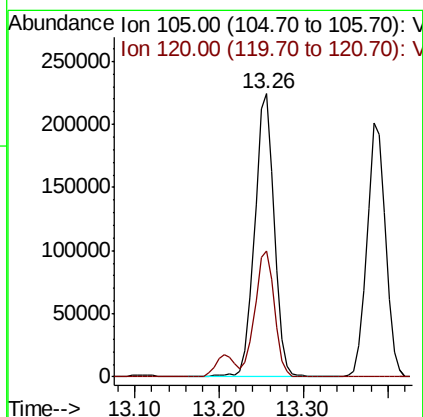
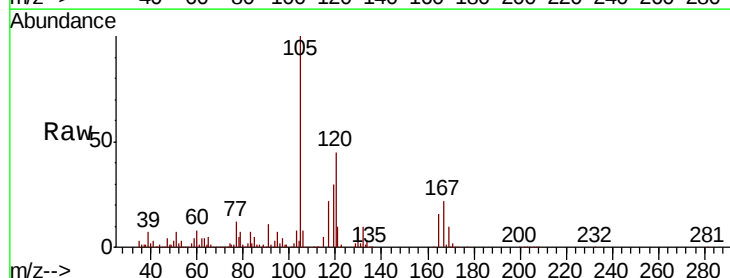
RT: 13.26 min Scan# 1862

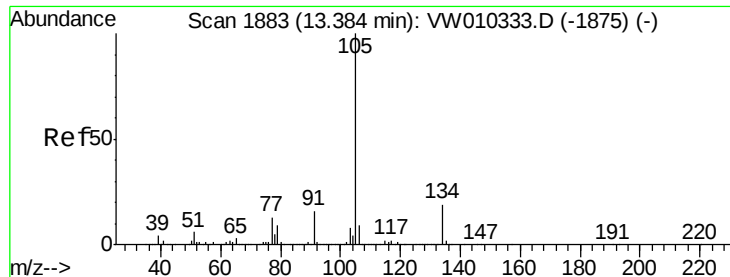
Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Tgt Ion:	105	Resp:	352048
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7

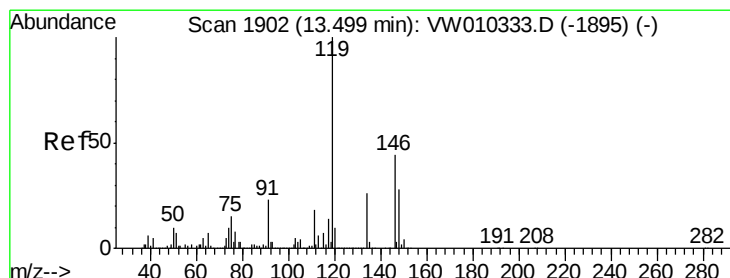
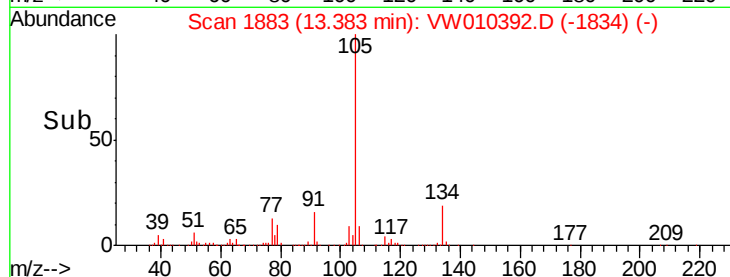
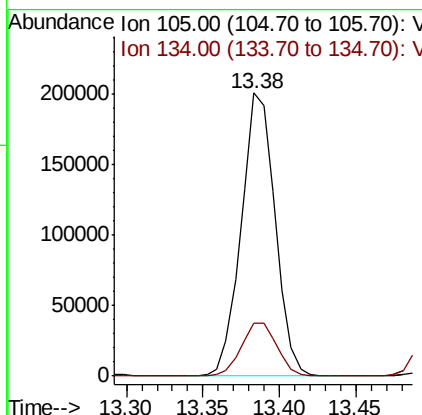
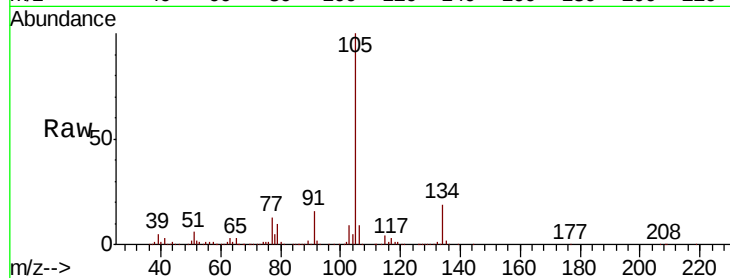




#85
 sec-Butylbenzene
 Concen: 37.521 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

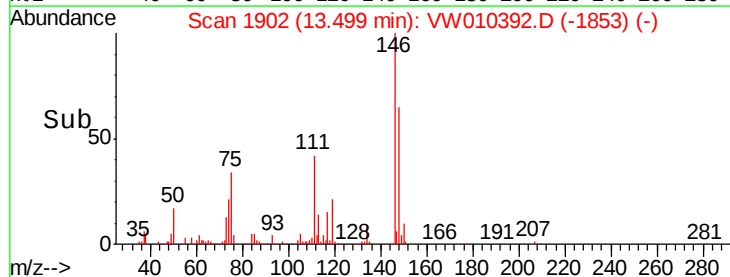
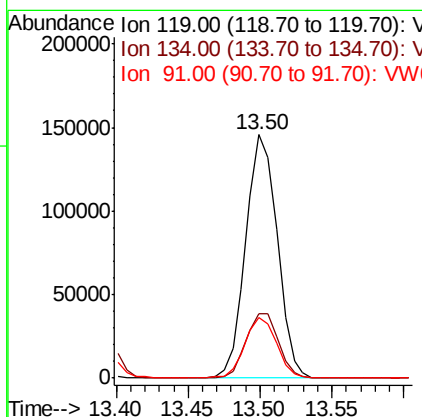
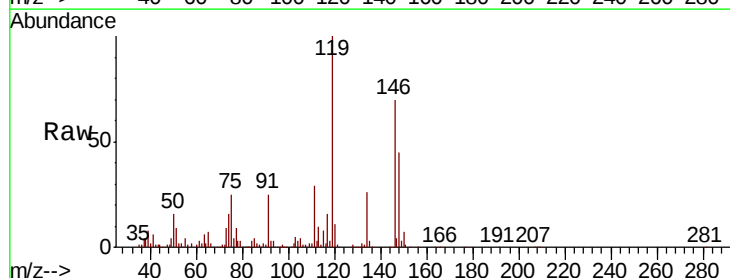
Instrument :
 MSVOA_W
 ClientSampleId :

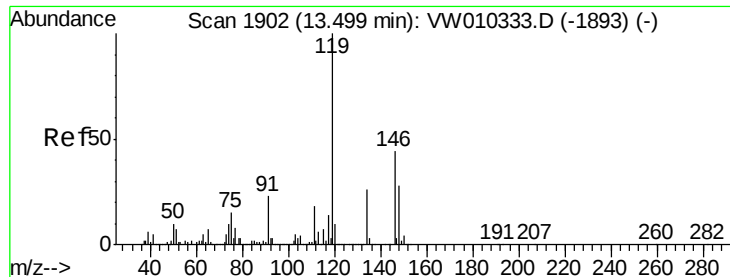
Tot Ion:105 Resp: 308127
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 30.166 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion:119 Resp: 219956
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 38.9
 91 25.0 12.3 36.9

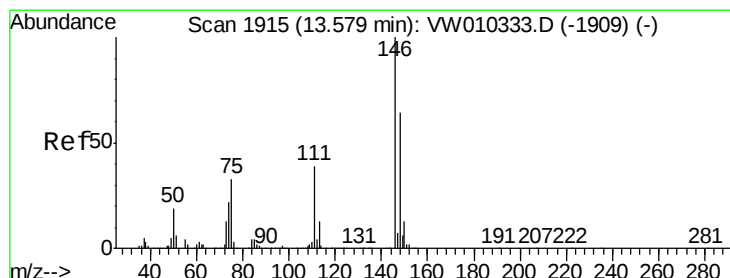
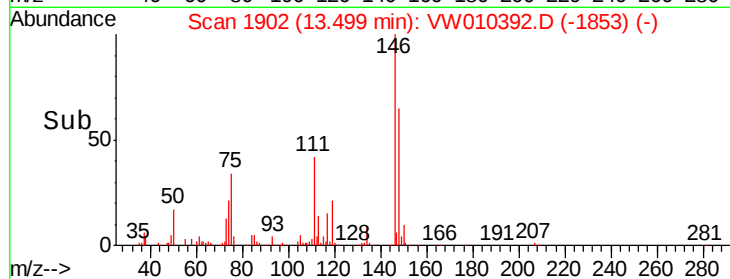
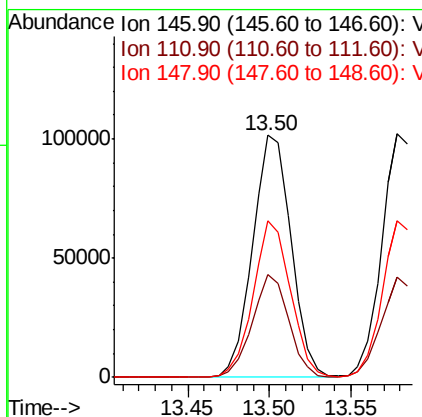
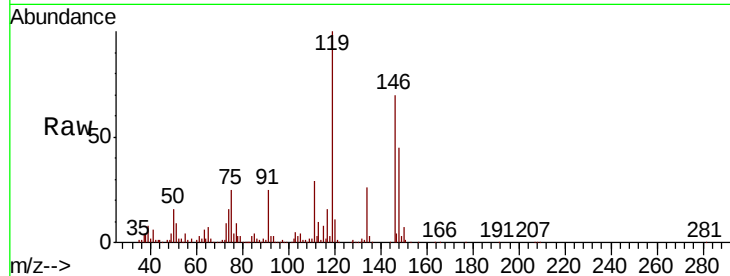




#87
 1,3-Dichlorobenzene
 Concen: 46.620 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

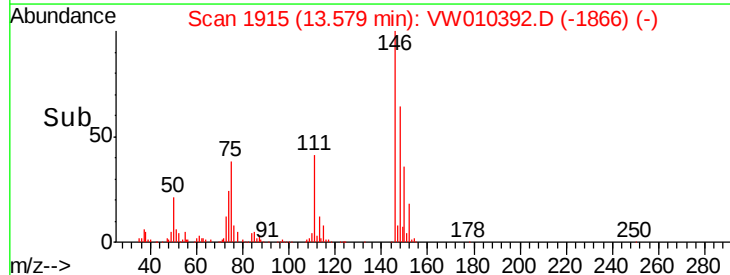
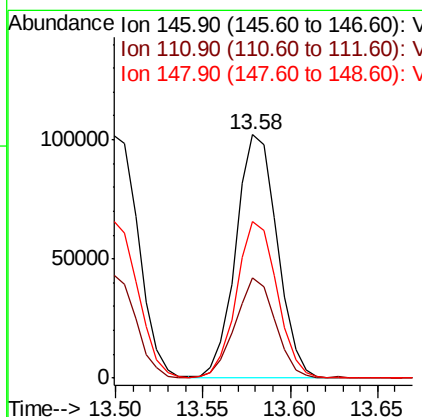
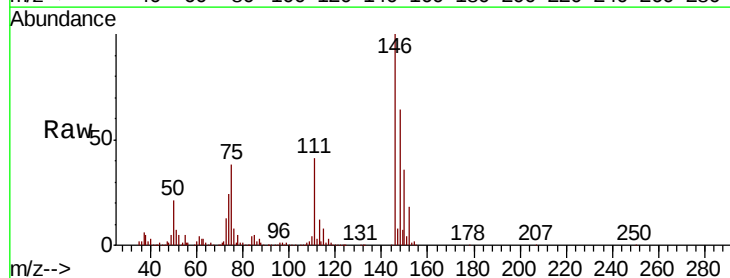
Instrument :
 MSVOA_W
 ClientSampleId :

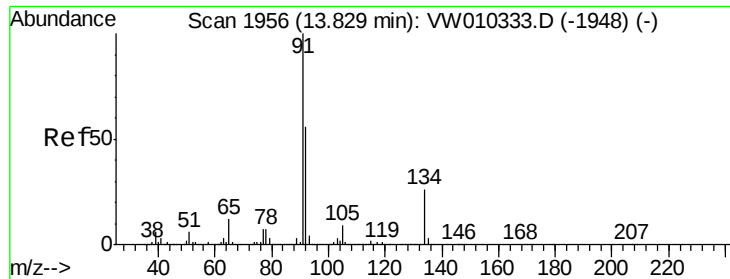
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.284 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.3
148	63.2	31.8	95.3





#89

n-Butylbenzene

Concen: 19.237 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010392.D

Acq: 11 May 2019 20:25

Instrument :

MSVOA_W

ClientSampleId :

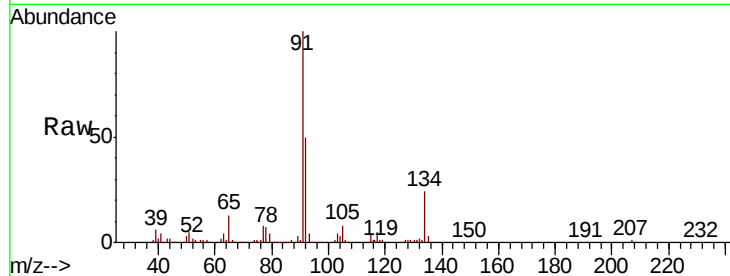
Tot Ion: 91 Resp: 140643

Ion Ratio Lower Upper

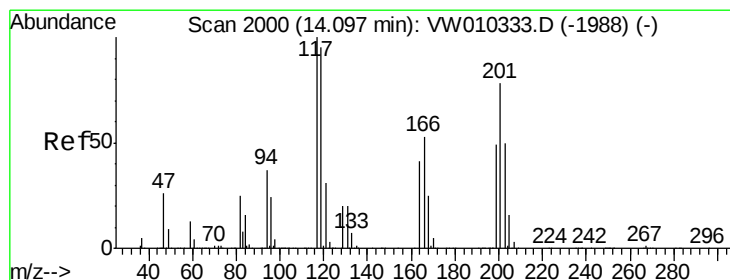
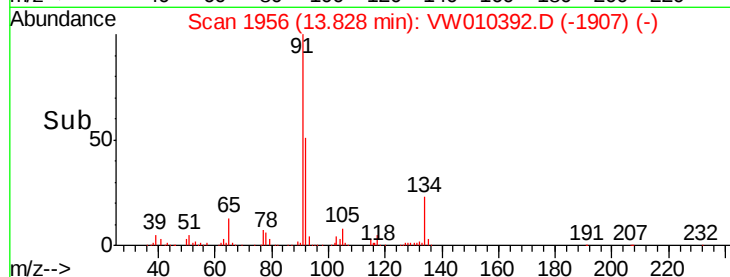
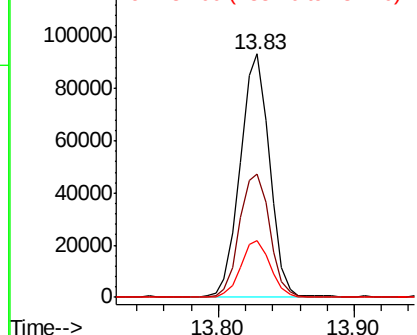
91 100

92 52.2 26.5 79.4

134 23.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 27.530 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010392.D

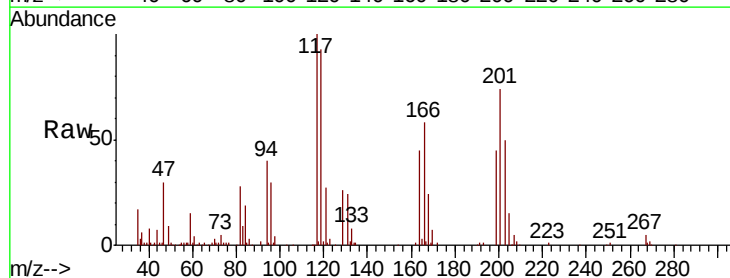
Acq: 11 May 2019 20:25

Tgt Ion: 117 Resp: 37231

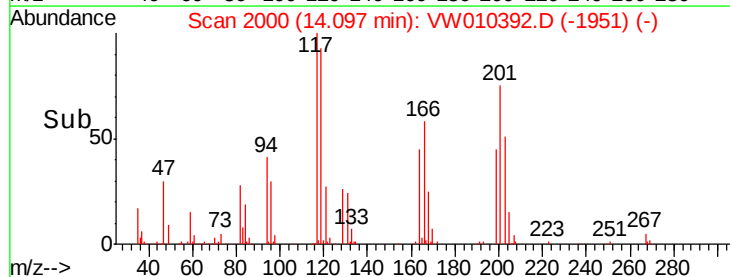
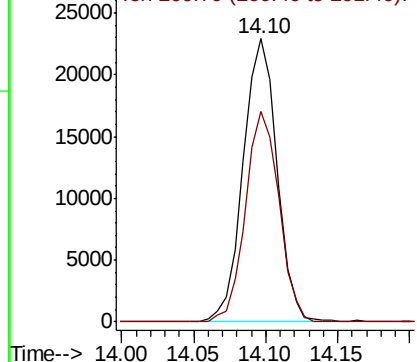
Ion Ratio Lower Upper

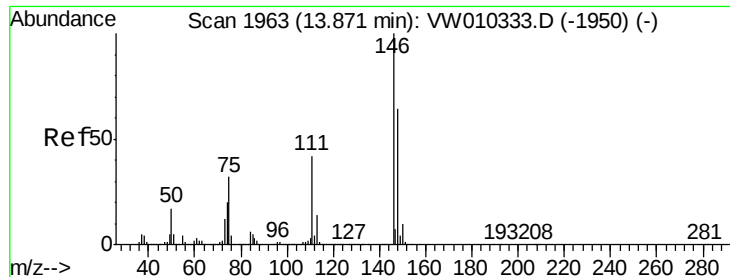
117 100

201 73.5 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

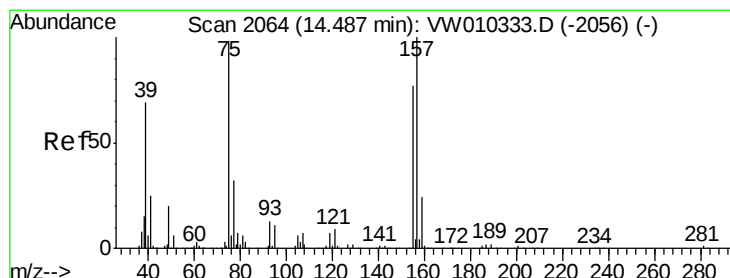
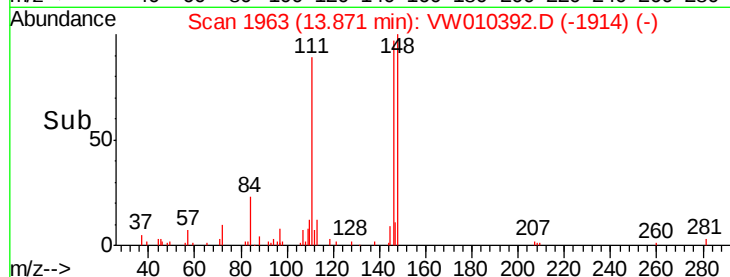
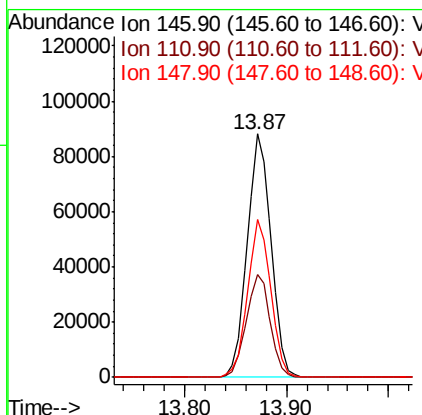
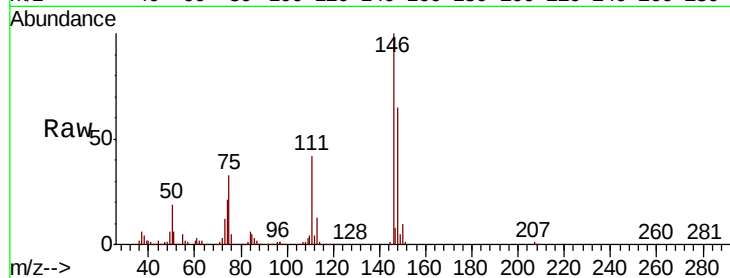




#91
 1,2-Dichlorobenzene
 Concen: 45.468 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

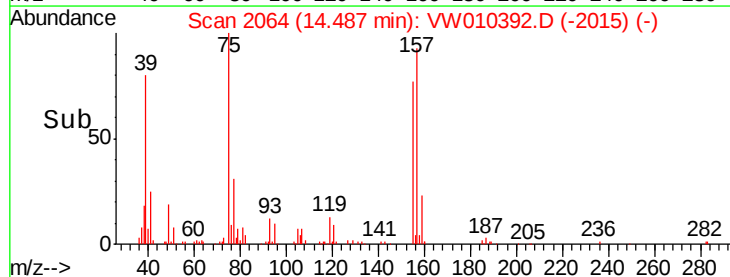
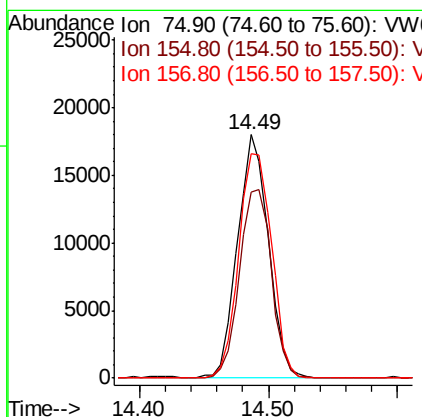
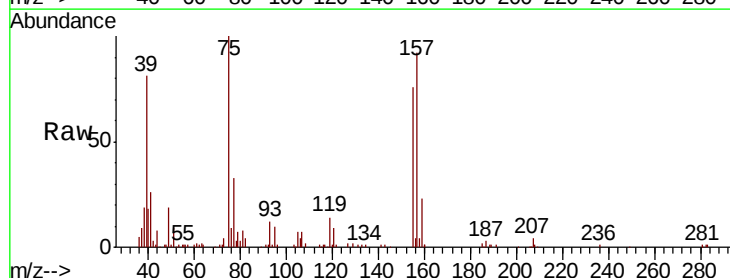
Instrument :
 MSVOA_W
 ClientSampleId :

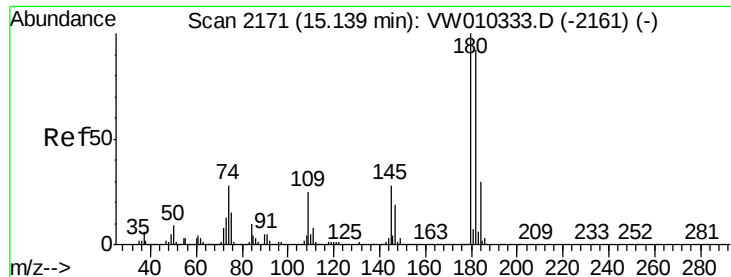
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.9	62.8
148	63.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.447 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	37.1	111.5
157	97.7	47.3	141.9

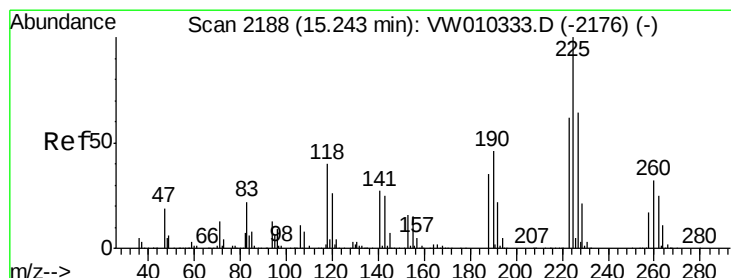
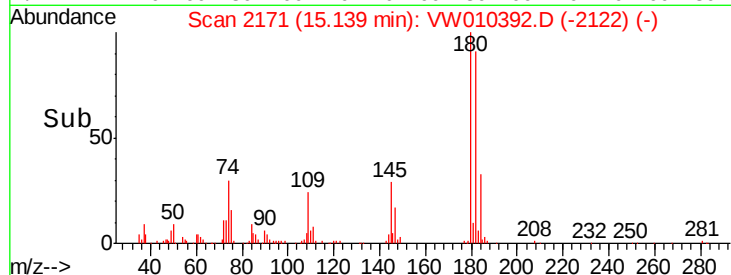
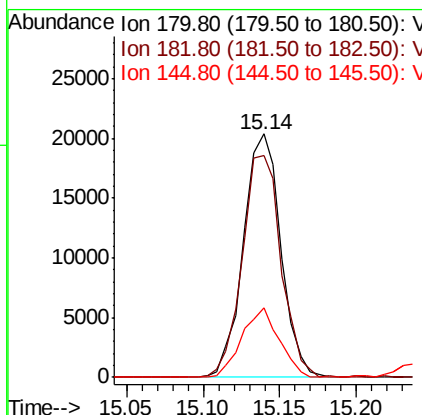
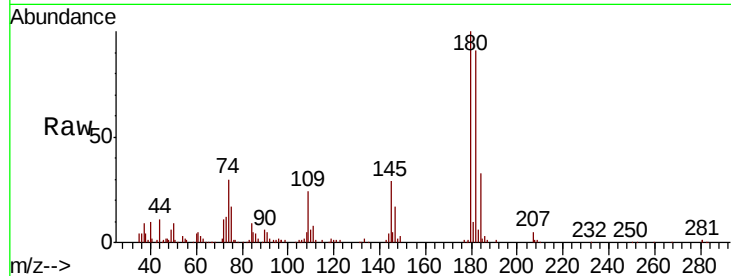




#93
 1,2,4-Trichlorobenzene
 Concen: 16.104 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

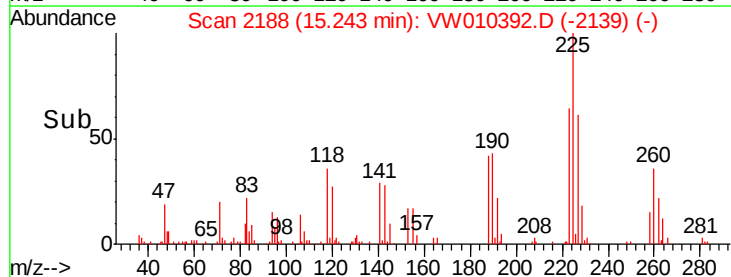
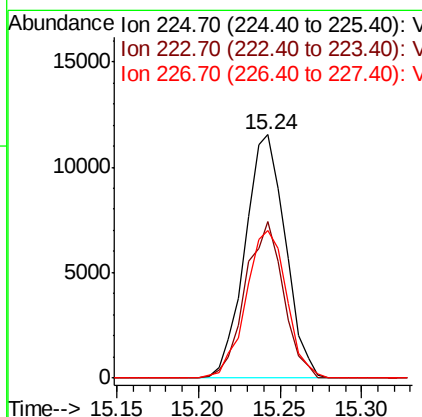
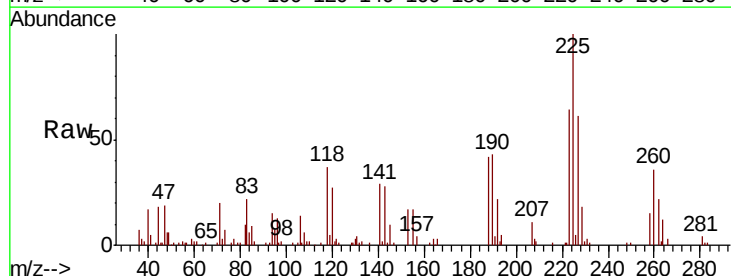
Instrument :
 MSVOA_W
 ClientSampled :

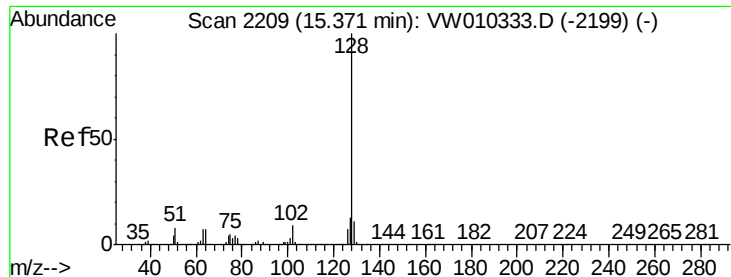
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.4
145	28.3	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 14.368 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010392.D
 Acq: 11 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.9	95.5
227	61.3	31.8	95.3

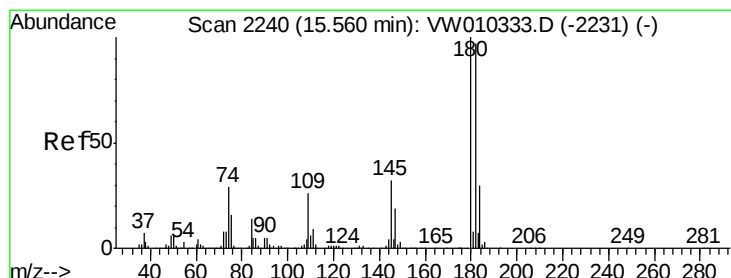
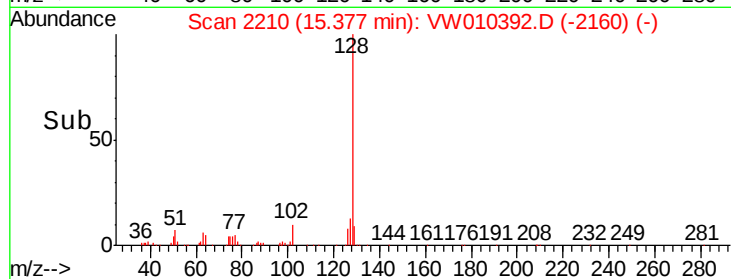
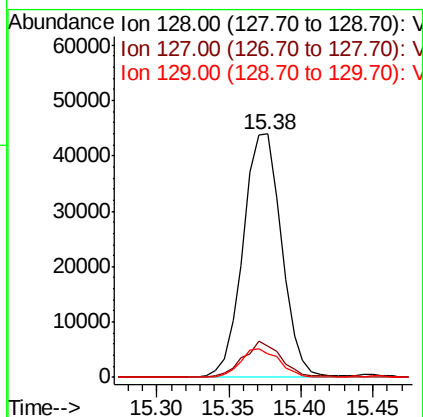
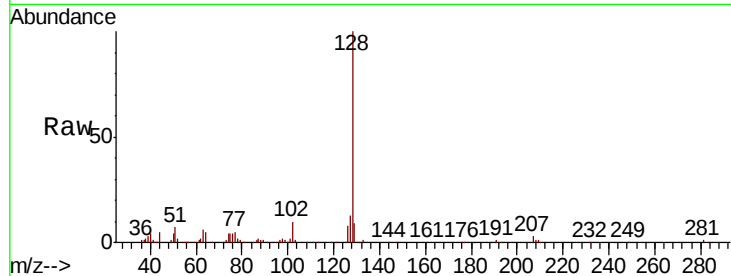




#95
Naphthalene
Concen: 18.947 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 81433
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 14.169 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010392.D
Acq: 11 May 2019 20:25

Tgt Ion:180 Resp: 27584
Ion Ratio Lower Upper
180 100
182 100.7 47.8 143.3
145 34.4 16.4 49.2

