

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010336.D
 Acq On : 09 May 2019 14:26
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1302740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2067659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1817054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	889257	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	712636	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	7.88	113	624111	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	10.32	98	2594513	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	902222	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	538650	53.869	ug/l	99
3) Chloromethane	2.21	50	714945	53.612	ug/l	97
4) Vinyl Chloride	2.37	62	879514	53.069	ug/l	97
5) Bromomethane	2.78	94	497545	52.060	ug/l	98
6) Chloroethane	2.92	64	526791	54.964	ug/l	94
7) Trichlorofluoromethane	3.25	101	482417	58.146	ug/l	97
8) Diethyl Ether	3.67	74	386099	52.936	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	707684	52.056	ug/l	98
10) Methyl Iodide	4.26	142	1010198	52.473	ug/l	94
11) Tert butyl alcohol	5.17	59	242832	248.270	ug/l	98
12) 1,1-Dichloroethene	4.03	96	752155	52.948	ug/l	92
13) Acrolein	3.89	56	323914	250.835	ug/l	97
14) Allyl chloride	4.66	41	1173580	55.345	ug/l	91
15) Acrylonitrile	5.36	53	1053569	260.615	ug/l	99
16) Acetone	4.12	43	1048740	290.464	ug/l	92
17) Carbon Disulfide	4.37	76	2302597	53.594	ug/l	99
18) Methyl Acetate	4.67	43	445947	49.865	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	905259	53.532	ug/l	100
20) Methylene Chloride	4.91	84	744035	49.406	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	819239	53.576	ug/l	96
22) Diisopropyl ether	6.31	45	2240515	54.443	ug/l	93
23) Vinyl Acetate	6.25	43	7979302	282.373	ug/l	97
24) 1,1-Dichloroethane	6.21	63	1469250	53.028	ug/l	100
25) 2-Butanone	7.17	43	1480884	268.108	ug/l	97
26) 2,2-Dichloropropane	7.17	77	773425	56.104	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	846443	53.827	ug/l	96
28) Bromochloromethane	7.51	49	529095	51.796	ug/l	99
29) Tetrahydrofuran	7.53	42	944770	264.449	ug/l	96
30) Chloroform	7.67	83	1362283	52.537	ug/l	100
31) Cyclohexane	7.95	56	1468431	51.761	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1072957	53.420	ug/l	98
36) 1,1-Dichloropropene	8.08	75	1209391	53.945	ug/l	100
37) Ethyl Acetate	7.25	43	630487	52.819	ug/l	97
38) Carbon Tetrachloride	8.07	117	1023133	53.239	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010336.D
 Acq On : 09 May 2019 14:26
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1524880	55.601	ug/l	96
40) Benzene	8.32	78	3238641	52.748	ug/l	99
41) Methacrylonitrile	7.48	41	364188	54.403	ug/l	95
42) 1,2-Dichloroethane	8.40	62	914225	52.020	ug/l	96
43) Isopropyl Acetate	8.43	43	1059865	53.537	ug/l	98
44) Trichloroethene	9.09	130	812230	52.842	ug/l	99
45) 1,2-Dichloropropane	9.37	63	811177	53.151	ug/l	97
46) Dibromomethane	9.46	93	407545	51.690	ug/l	99
47) Bromodichloromethane	9.64	83	1000944	52.924	ug/l	100
48) Methyl methacrylate	9.44	41	511413	54.636	ug/l	86
49) 1,4-Dioxane	9.45	88	142217	1034.335	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	3047648	268.478	ug/l	93
52) Toluene	10.39	92	2007920	53.505	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	1054422	55.041	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	1235108	54.440	ug/l #	89
55) 1,1,2-Trichloroethane	10.79	97	572883	51.158	ug/l	96
56) Ethyl methacrylate	10.65	69	825545	55.826	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	1044476	52.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1886263	266.413	ug/l	100
59) 2-Hexanone	10.97	43	2205166	274.754	ug/l	92
60) Dibromochloromethane	11.13	129	634664	52.669	ug/l	100
61) 1,2-Dibromoethane	11.23	107	559994	52.092	ug/l	98
64) Tetrachloroethene	10.86	164	669923	52.750	ug/l	98
65) Chlorobenzene	11.66	112	2000651	53.189	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	670055	52.706	ug/l	98
67) Ethyl Benzene	11.73	91	3834187	55.411	ug/l	98
68) m/p-Xylenes	11.84	106	2839214	110.436	ug/l	100
69) o-Xylene	12.16	106	1293616	55.624	ug/l	98
70) Styrene	12.18	104	2278635	56.231	ug/l	99
71) Bromoform	12.35	173	388299	53.431	ug/l #	99
73) Isopropylbenzene	12.46	105	3686143	56.869	ug/l	100
74) N-amyl acetate	12.27	43	945280	56.449	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	746702	52.284	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	981064	94.624	ug/l #	100
77) Bromobenzene	12.75	156	790362	54.003	ug/l	98
78) n-propylbenzene	12.80	91	4550371	56.840	ug/l	100
79) 2-Chlorotoluene	12.90	91	2522624	55.332	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3064540	56.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	257742	56.140	ug/l	91
82) 4-Chlorotoluene	12.99	91	2609544	54.630	ug/l	99
83) tert-Butylbenzene	13.21	119	2565535	56.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	3064549	56.436	ug/l	100
85) sec-Butylbenzene	13.38	105	3805828	56.563	ug/l	100
86) p-Isopropyltoluene	13.50	119	3423479	57.306	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1565267	53.559	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1527710	52.675	ug/l	99
89) n-Butylbenzene	13.83	91	3428456	57.235	ug/l	98
90) Hexachloroethane	14.10	117	592150	53.441	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	1371320	53.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	132723	51.607	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010336.D
Acq On : 09 May 2019 14:26
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:20:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
Response via : Initial Calibration

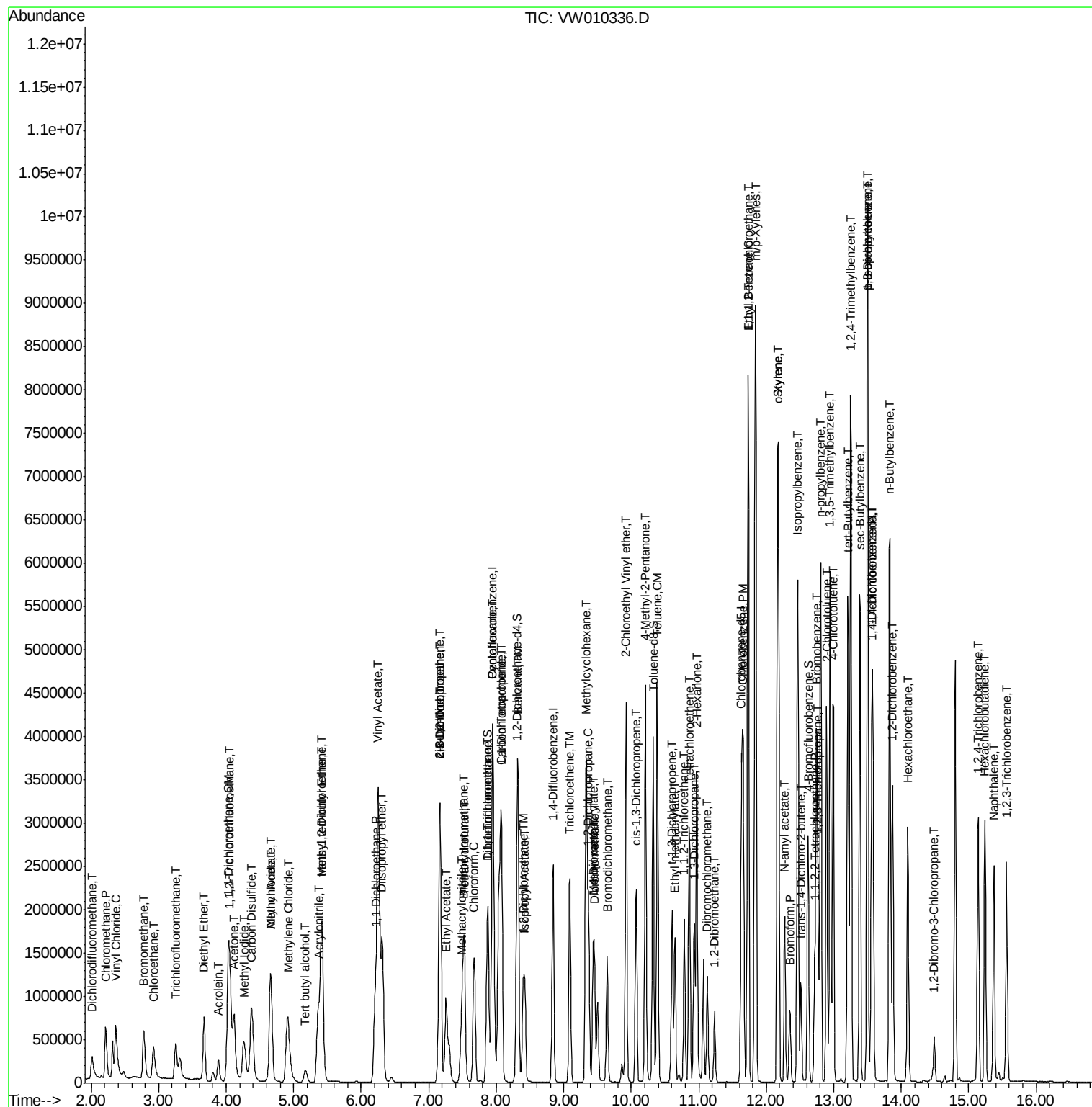
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	968475	54.852	ug/l	99
94) Hexachlorobutadiene	15.24	225	605940	53.533	ug/l	99
95) Naphthalene	15.37	128	2050793	50.783	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	864676	54.210	ug/l	99

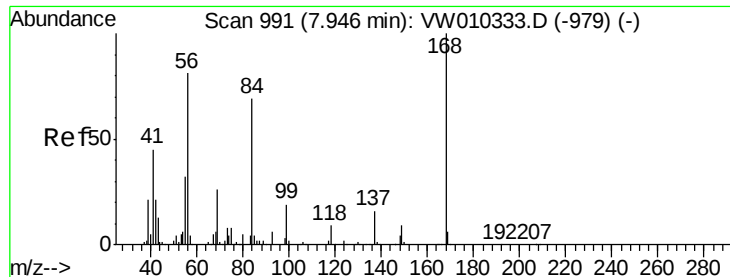
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010336.D
 Acq On : 09 May 2019 14:26
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :

Quant Time: May 10 02:20:52 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

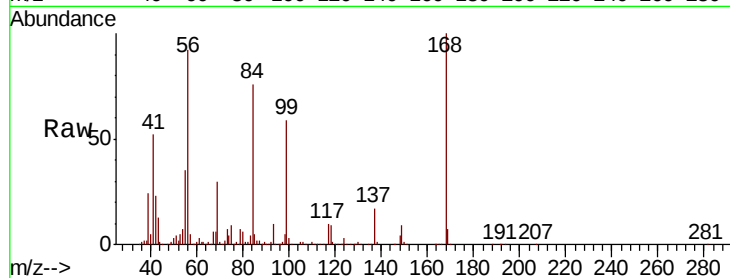
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 1302740

Ion Ratio Lower Upper

168 100

99 58.7 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

600000

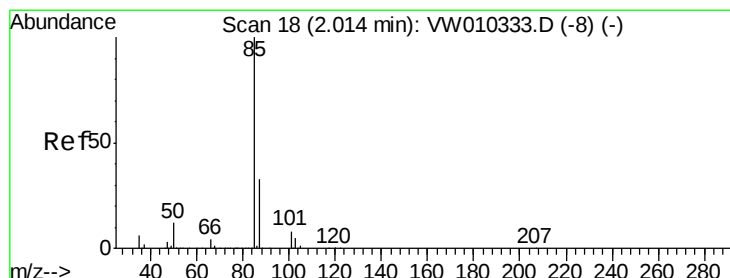
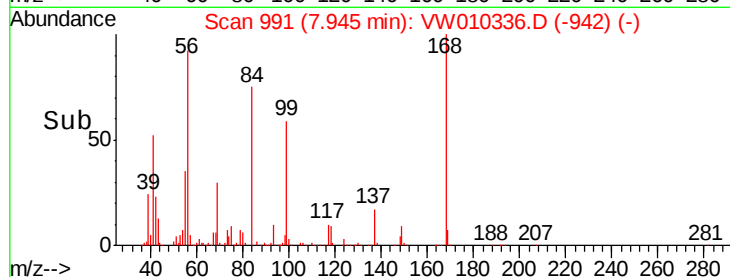
400000

200000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 53.869 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010336.D

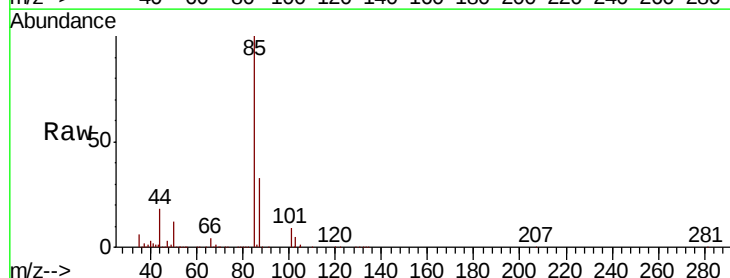
Acq: 09 May 2019 14:26

Tgt Ion: 85 Resp: 538650

Ion Ratio Lower Upper

85 100

87 33.1 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

150000

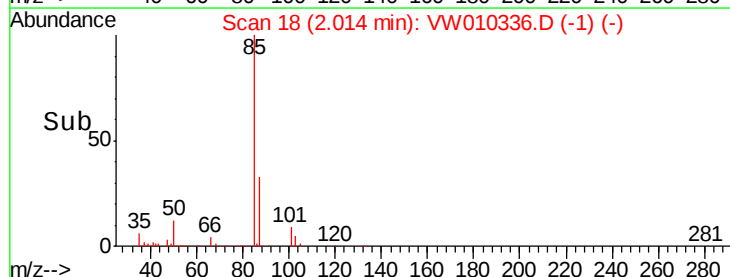
100000

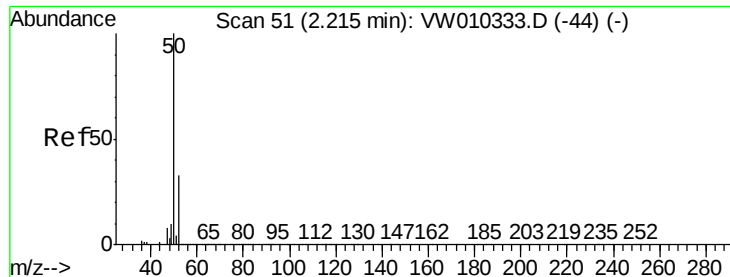
50000

0

1.80 2.00 2.20

Time-->





#3

Chloromethane

Concen: 53.612 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

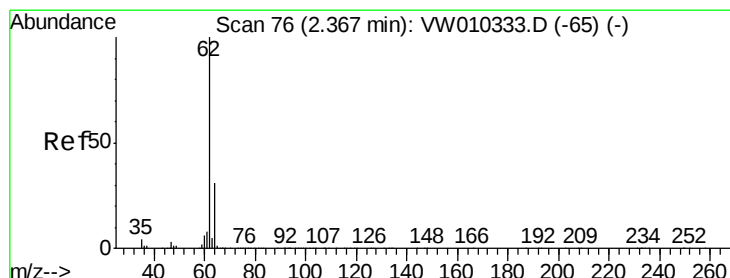
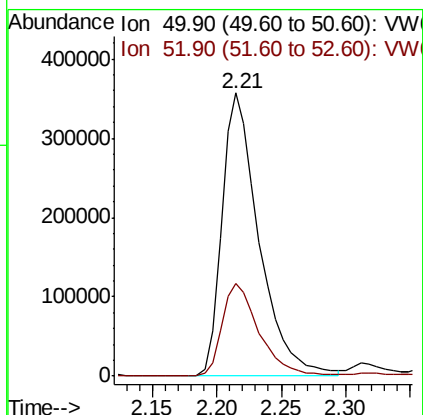
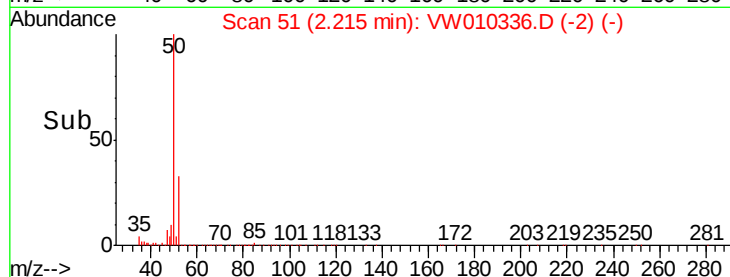
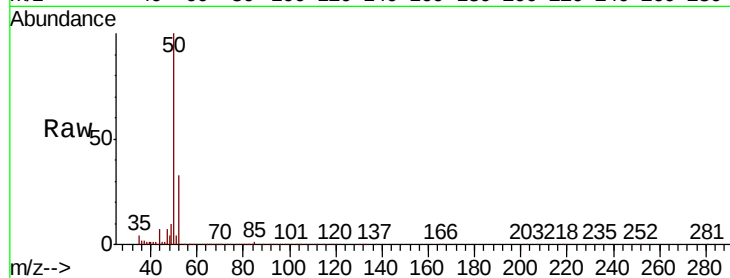
ClientSampleId :

Tot Ion: 50 Resp: 714945

Ion Ratio Lower Upper

50 100

52 33.0 25.0 37.6



#4

Vinyl Chloride

Concen: 53.069 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010336.D

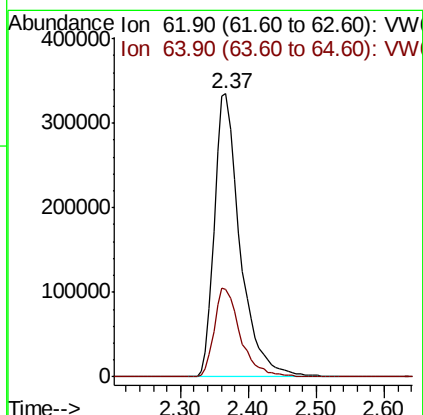
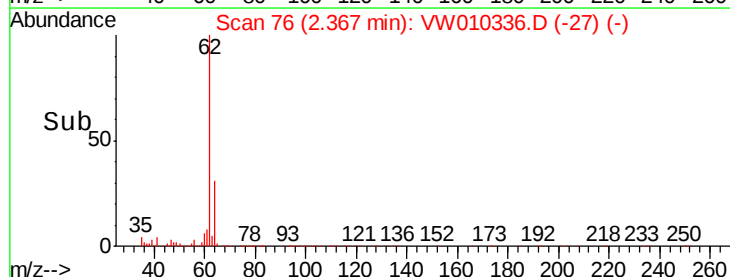
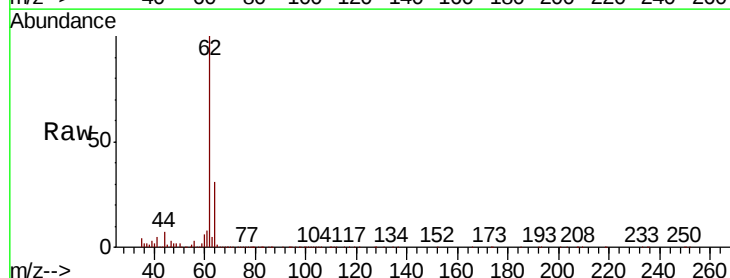
Acq: 09 May 2019 14:26

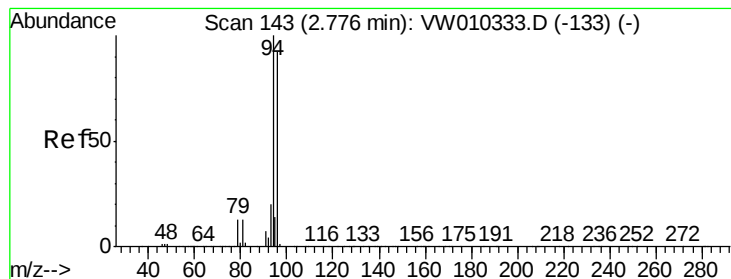
Tgt Ion: 62 Resp: 879514

Ion Ratio Lower Upper

62 100

64 30.8 25.9 38.9





#5

Bromomethane

Concen: 52.060 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

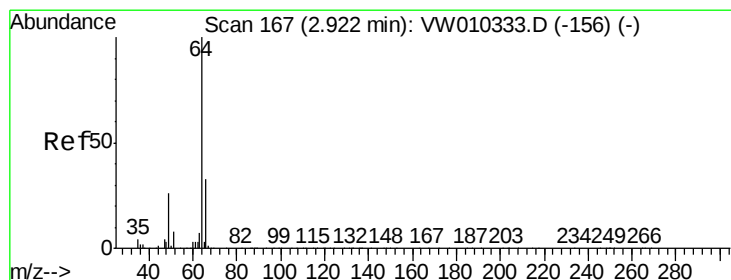
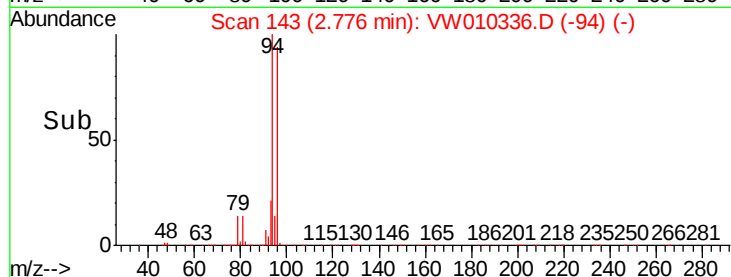
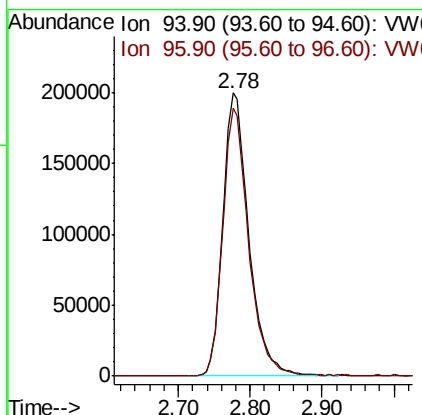
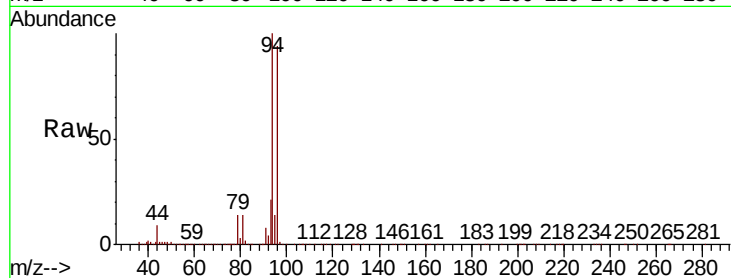
ClientSampled :

Tot Ion: 94 Resp: 497545

Ion Ratio Lower Upper

94 100

96 94.4 74.2 111.2



#6

Chloroethane

Concen: 54.964 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010336.D

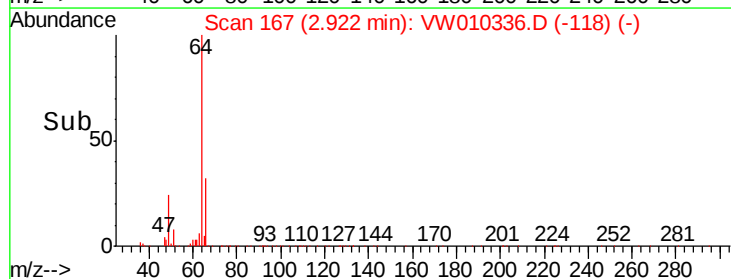
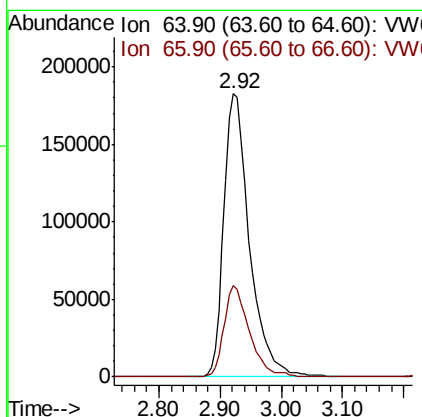
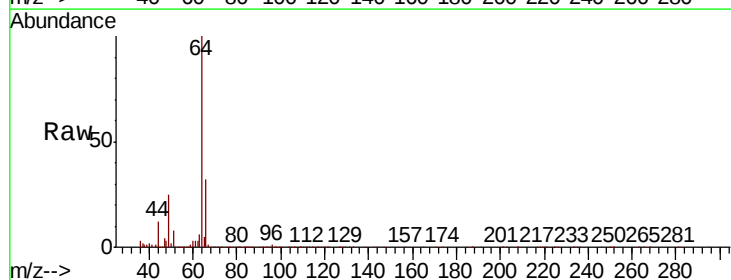
Acq: 09 May 2019 14:26

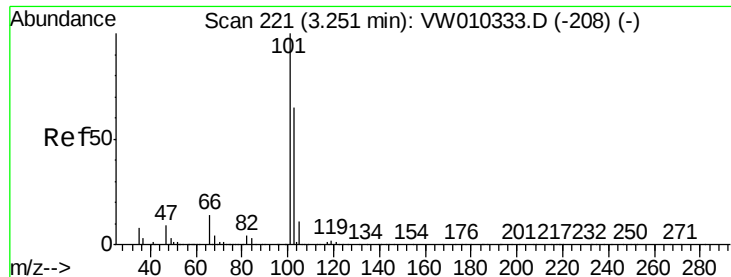
Tgt Ion: 64 Resp: 526791

Ion Ratio Lower Upper

64 100

66 32.4 23.4 35.0



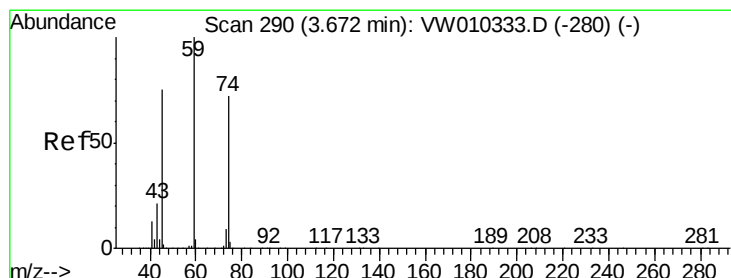
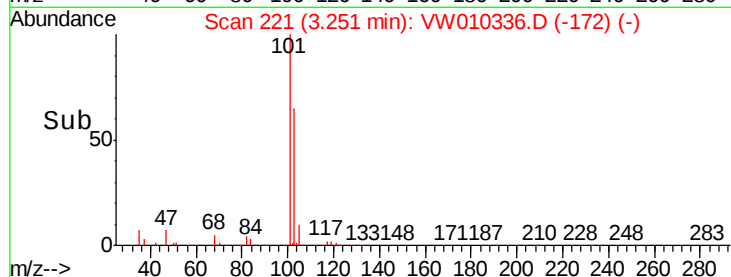
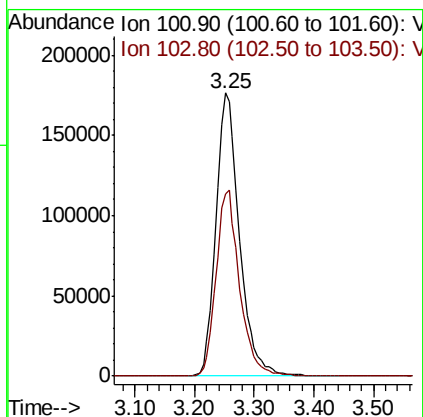
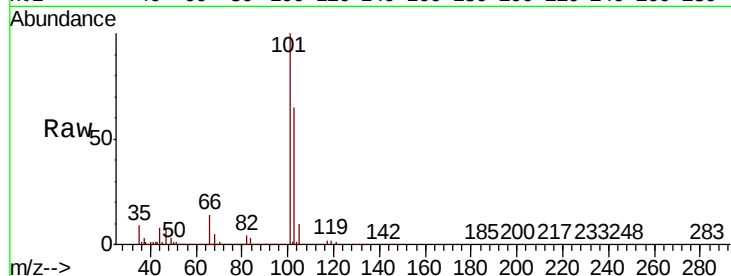


#7

Trichlorofluoromethane
Concen: 58.146 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampleId :

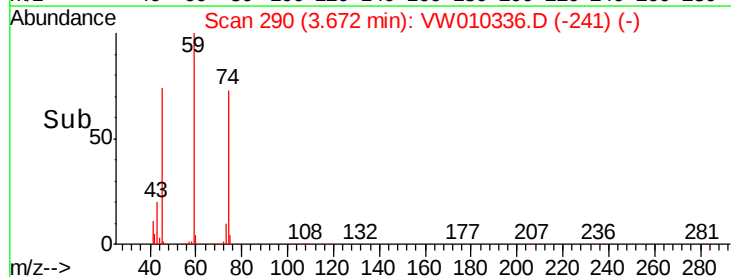
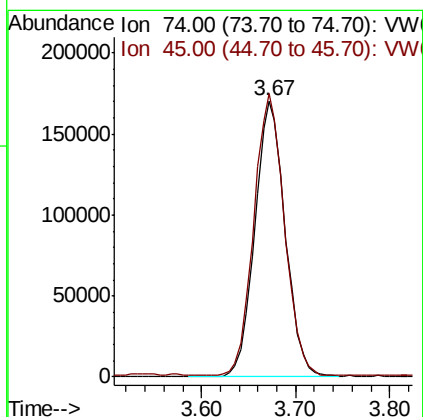
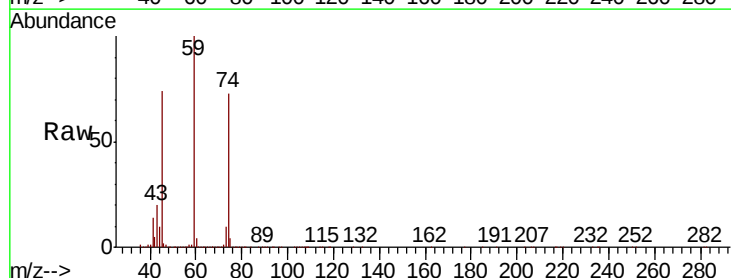
Tot Ion:101 Resp: 482417
Ion Ratio Lower Upper
101 100
103 64.5 49.8 74.6

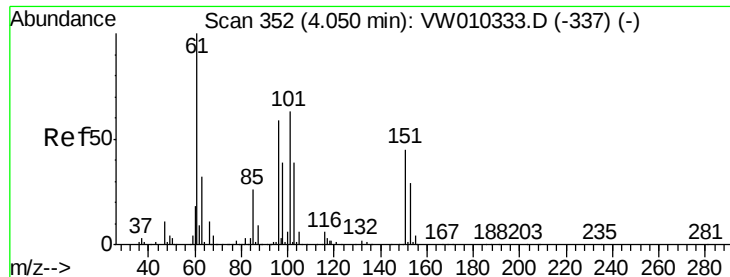


#8

Diethyl Ether
Concen: 52.936 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 74 Resp: 386099
Ion Ratio Lower Upper
74 100
45 102.8 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.056 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

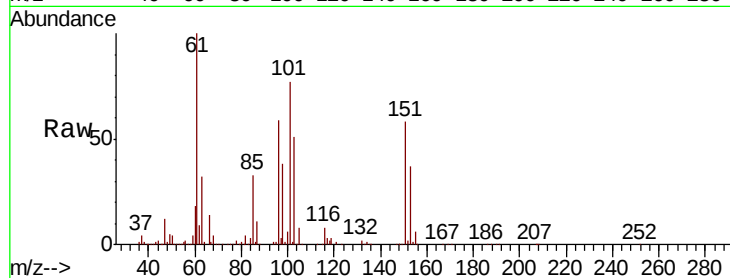
Tot Ion:101 Resp: 707684

Ion Ratio Lower Upper

101 100

85 44.2 36.3 54.5

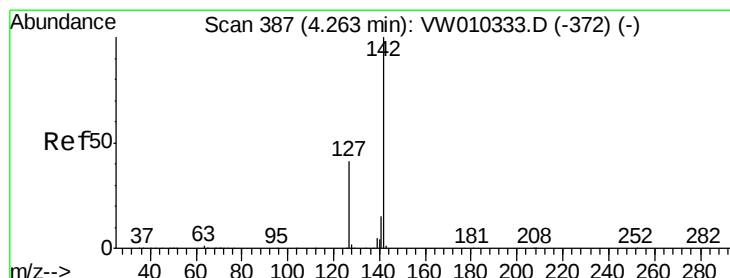
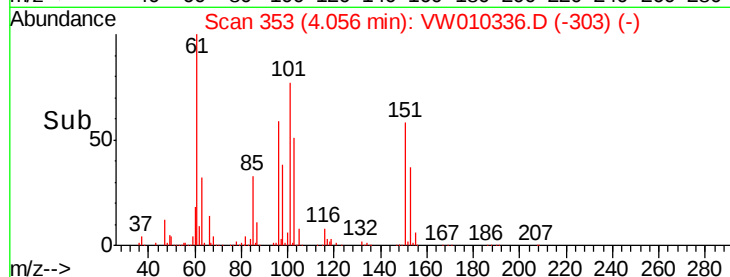
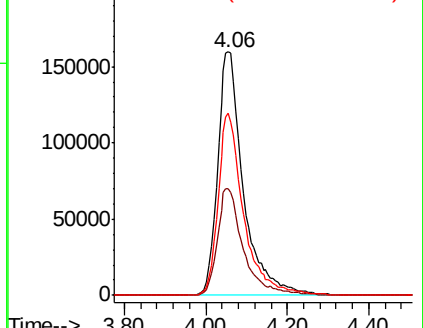
151 73.7 60.2 90.2



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: 52.473 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

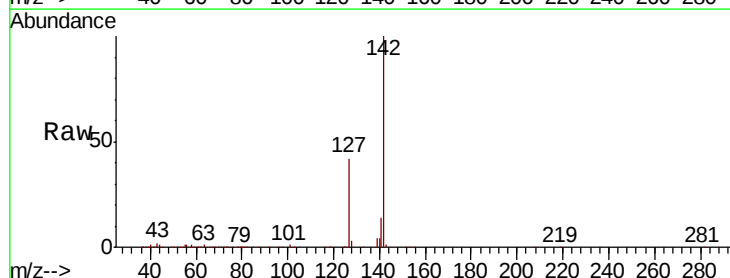
Tgt Ion:142 Resp: 1010198

Ion Ratio Lower Upper

142 100

127 42.5 38.1 57.1

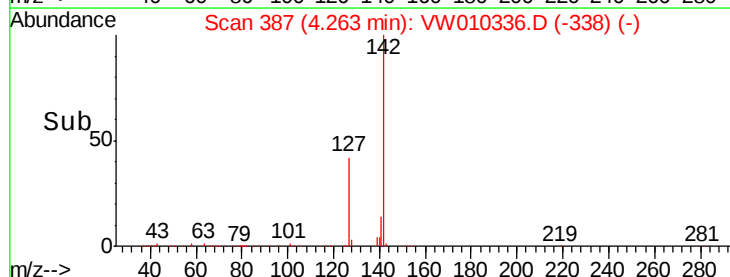
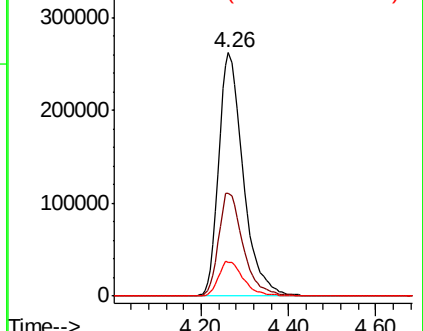
141 14.5 12.2 18.2

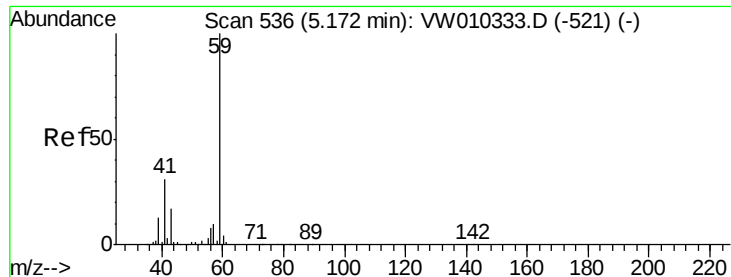


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



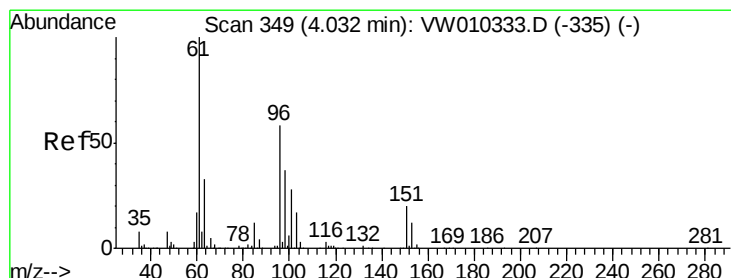
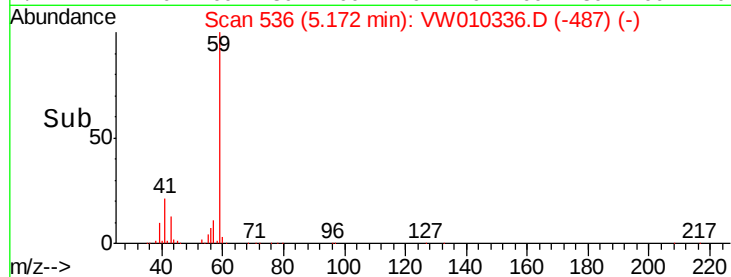
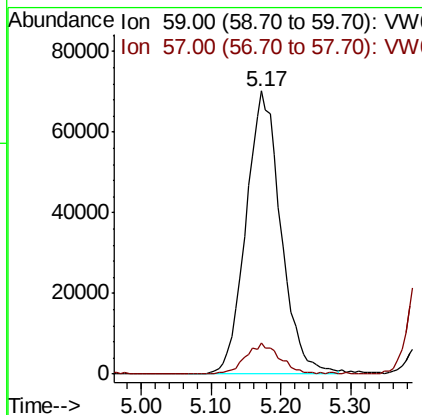
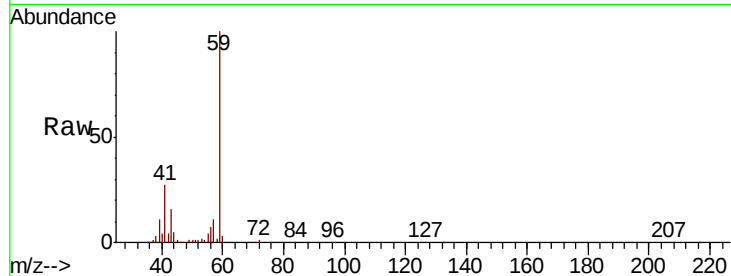


#11

Tert butyl alcohol
 Concen: 248.270 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Instrument :
 MSVOA_W
 ClientSampleId :

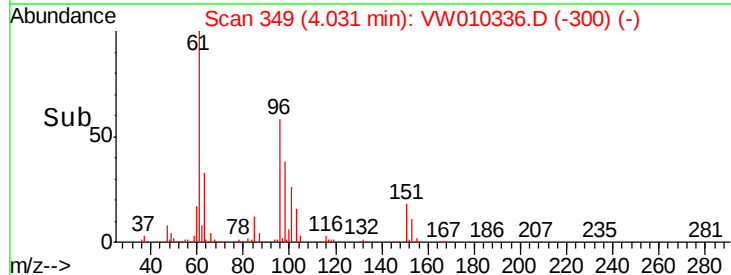
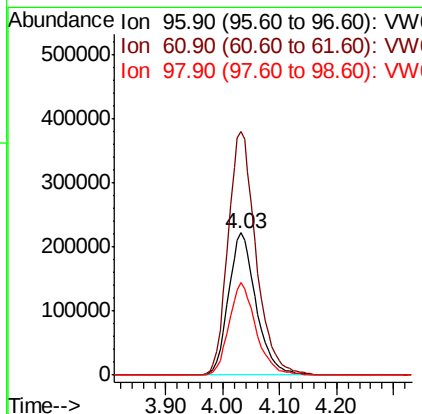
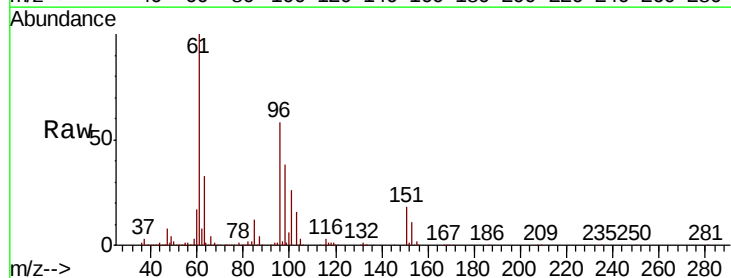
Tot Ion: 59 Resp: 242832
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.0 13.4

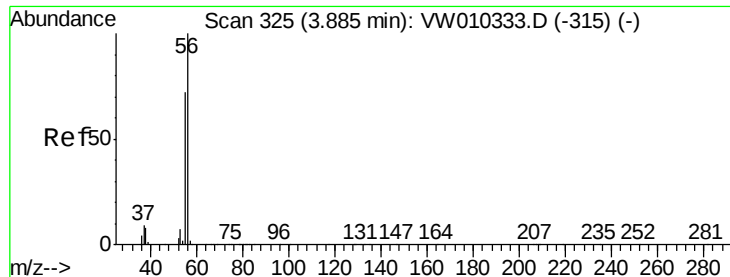


#12

1,1-Dichloroethene
 Concen: 52.948 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion: 96 Resp: 752155
 Ion Ratio Lower Upper
 96 100
 61 171.3 147.4 221.2
 98 65.4 49.7 74.5

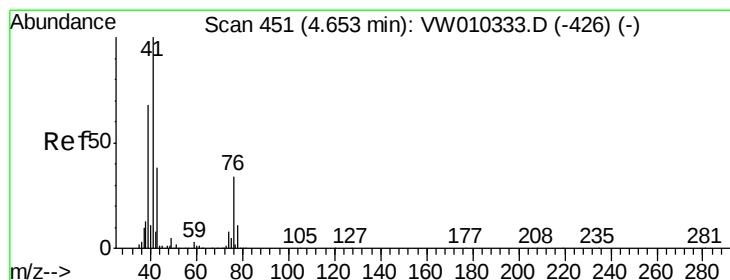
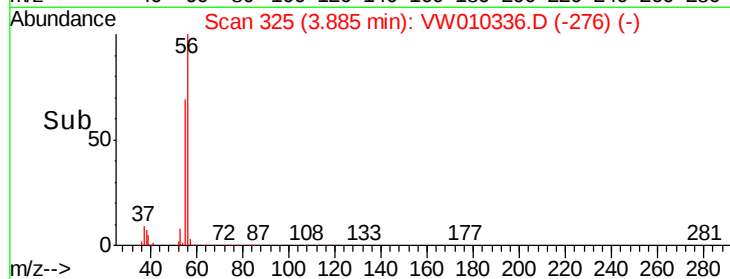
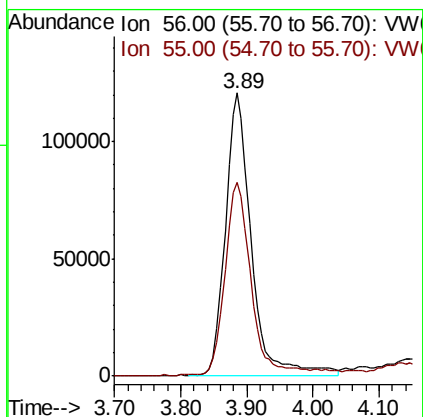
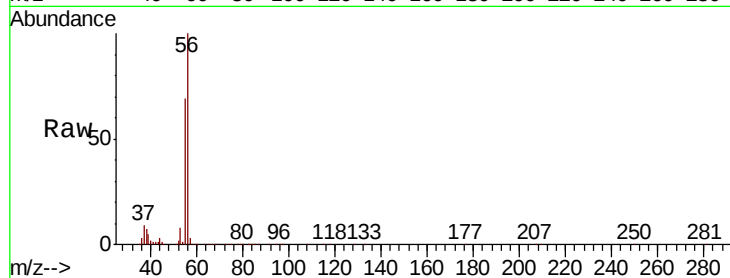




#13
Acrolein
Concen: 250.835 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

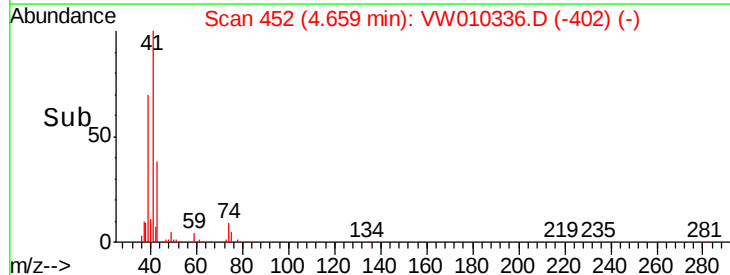
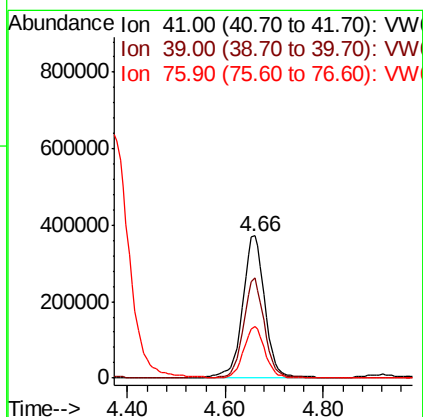
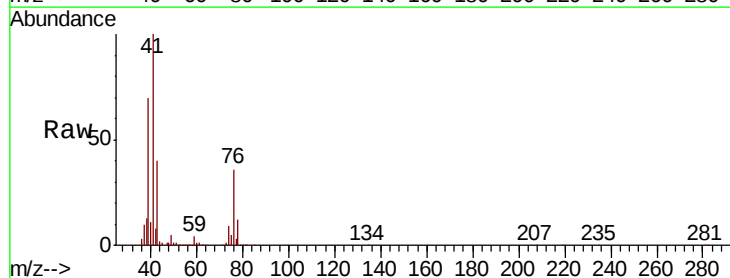
Instrument :
MSVOA_W
ClientSampled :

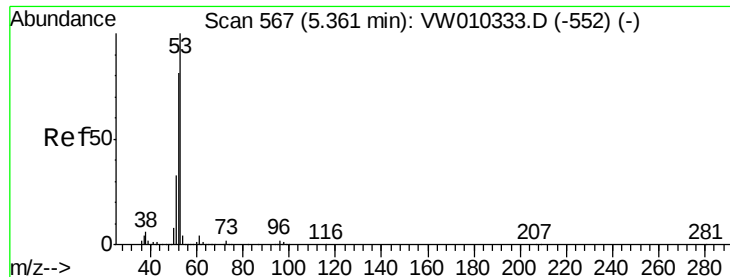
Tot Ion: 56 Resp: 323914
Ion Ratio Lower Upper
56 100
55 69.8 54.2 81.2



#14
Allyl chloride
Concen: 55.345 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.01 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 41 Resp: 1173580
Ion Ratio Lower Upper
41 100
39 65.9 60.2 90.4
76 33.9 25.0 37.6





#15

Acrylonitrile

Concen: 260.615 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

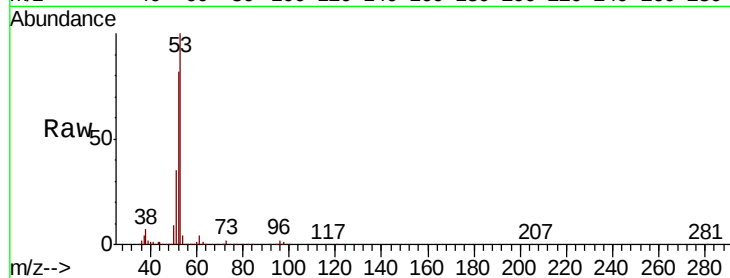
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 1053569

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	35.9	30.3	45.5

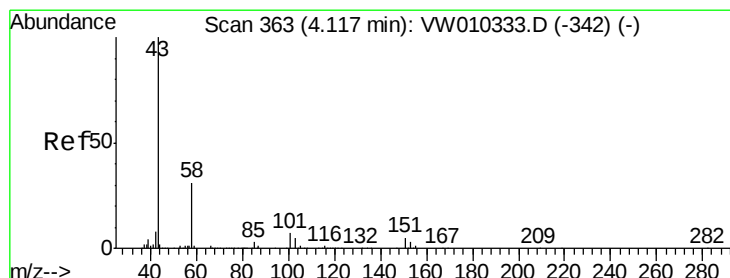
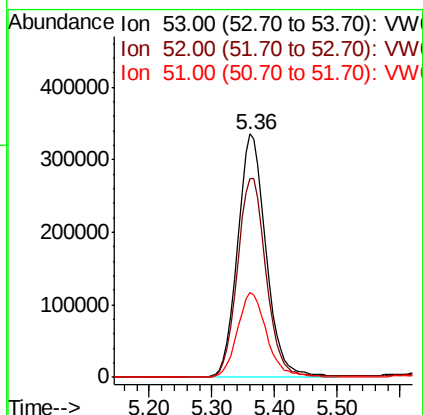
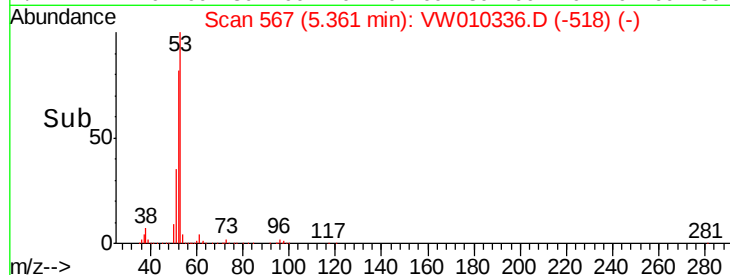


Abundance

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: 290.464 ug/l

RT: 4.12 min Scan# 363

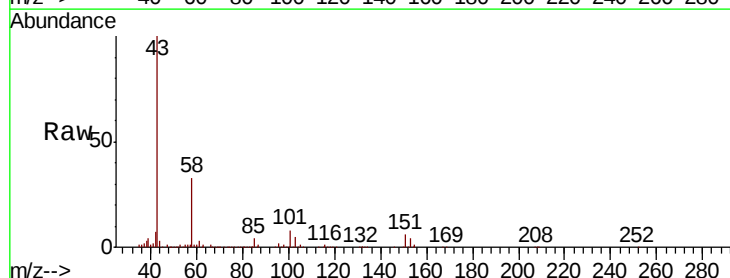
Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion: 43 Resp: 1048740

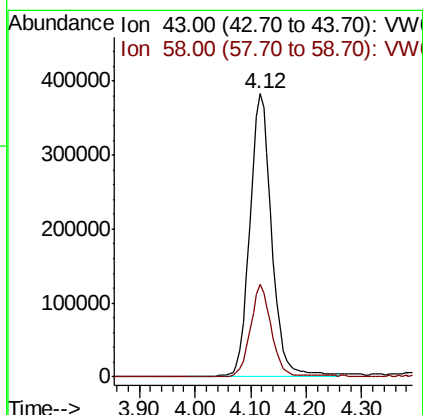
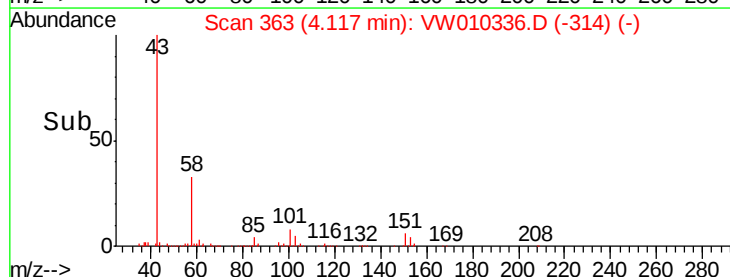
Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.7	34.1

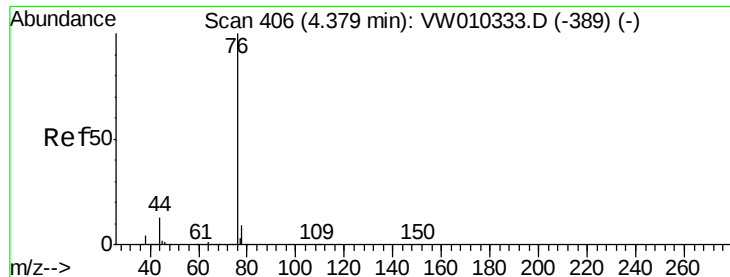


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

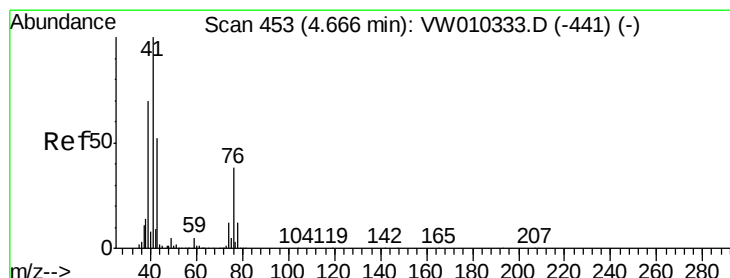
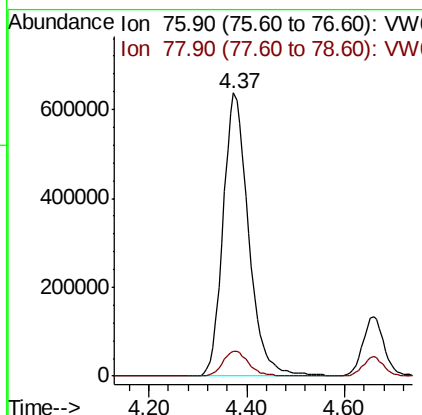
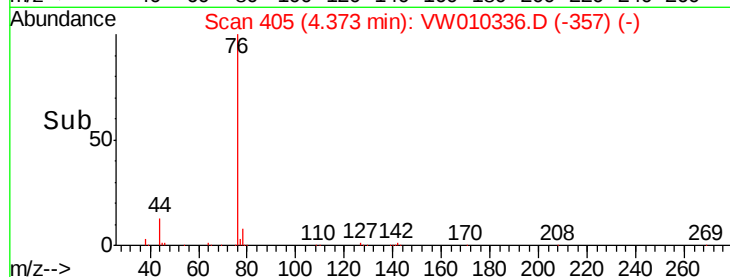
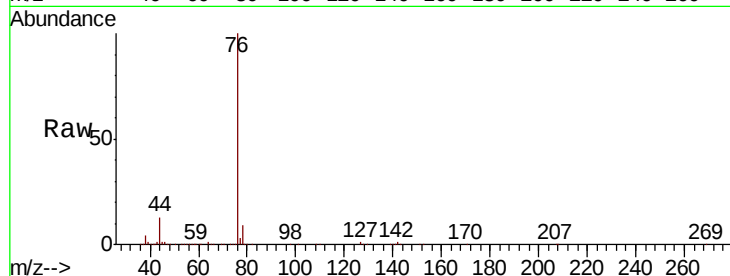




#17
Carbon Disulfide
Concen: 53.594 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

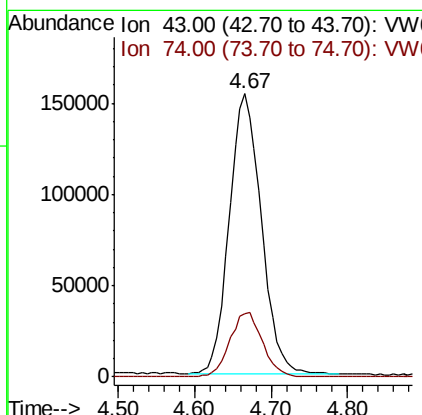
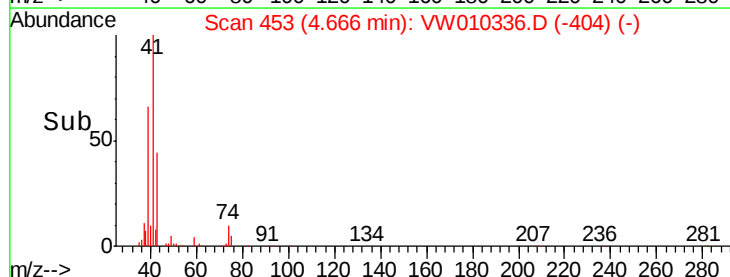
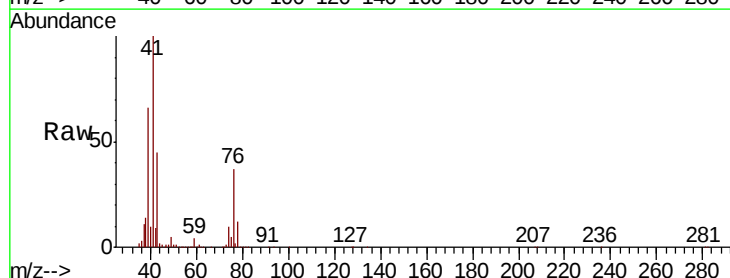
Instrument :
MSVOA_W
ClientSampleId :

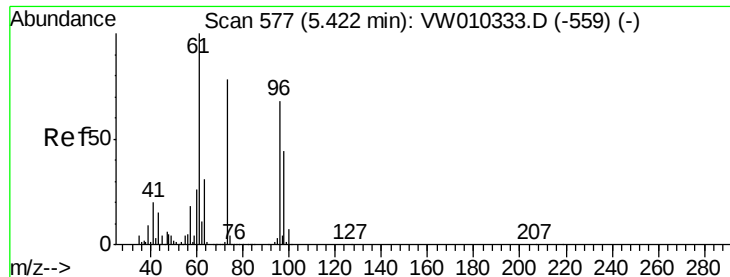
Tot Ion: 76 Resp: 2302597
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 49.865 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 43 Resp: 445947
Ion Ratio Lower Upper
43 100
74 23.3 16.8 25.2

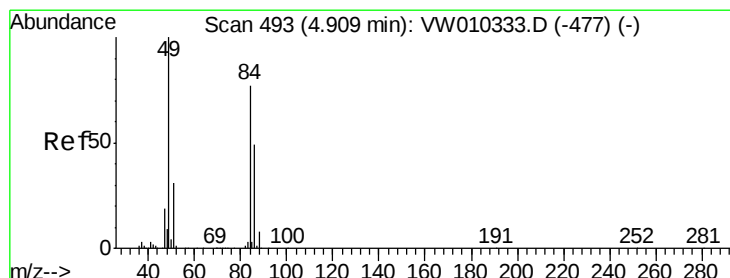
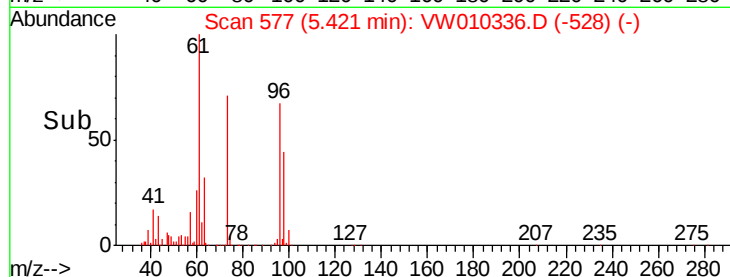
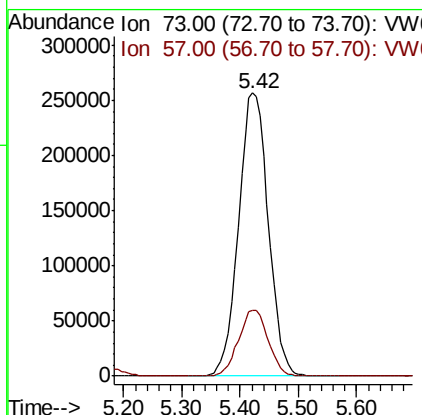
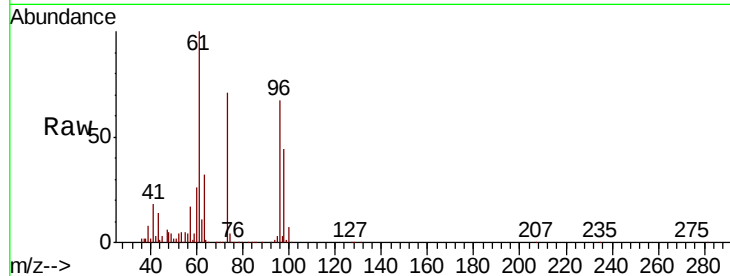




#19
Methvl tert-butvl Ether
Concen: 53.532 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

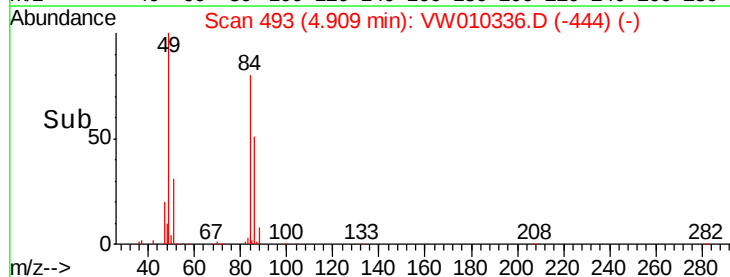
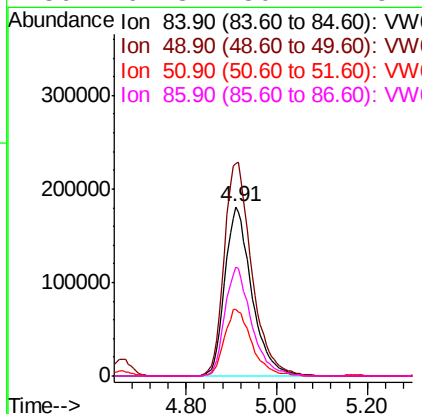
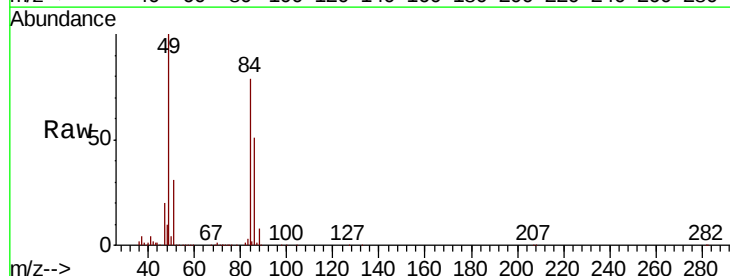
Instrument :
MSVOA_W
ClientSampleId :

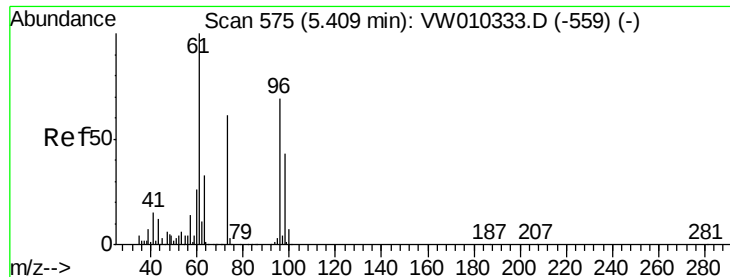
Tot Ion: 73 Resp: 905259
Ion Ratio Lower Upper
73 100
57 23.2 18.5 27.7



#20
Methylene Chloride
Concen: 49.406 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 84 Resp: 744035
Ion Ratio Lower Upper
84 100
49 125.8 112.3 168.5
51 39.3 33.9 50.9
86 64.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 53.576 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampled :

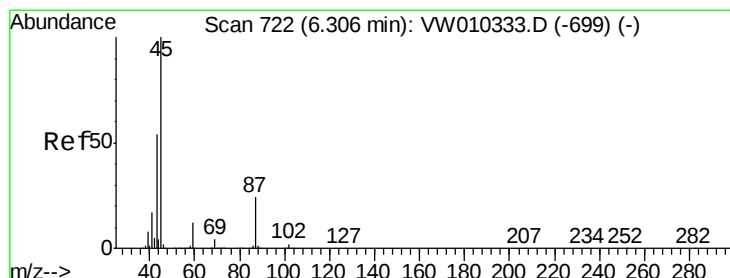
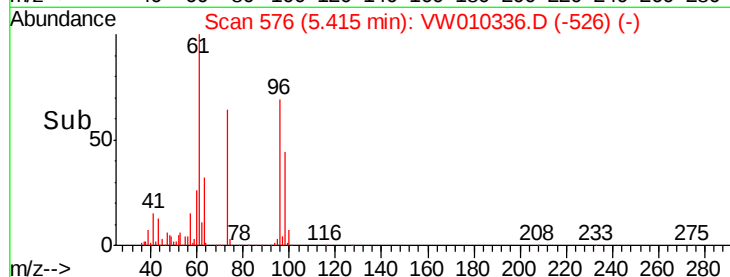
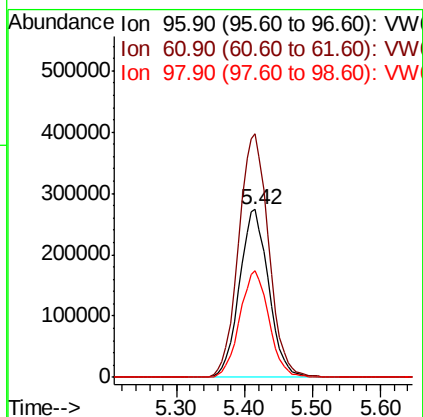
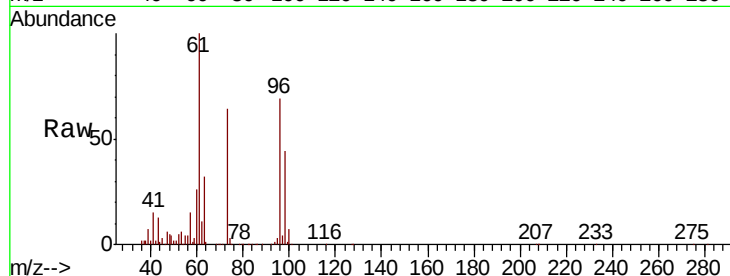
Tot Ion: 96 Resp: 819239

Ion Ratio Lower Upper

96 100

61 145.4 122.3 183.5

98 63.7 50.5 75.7



#22

Diisopropyl ether

Concen: 54.443 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion: 45 Resp: 2240515

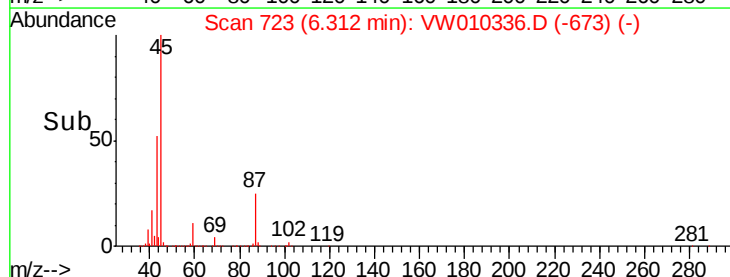
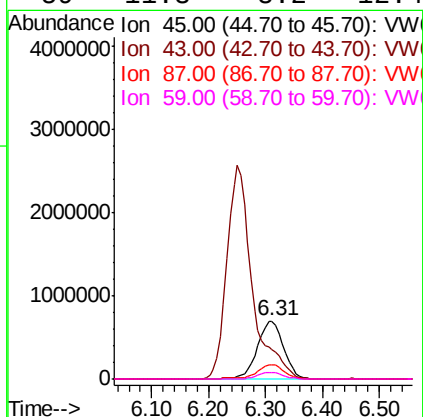
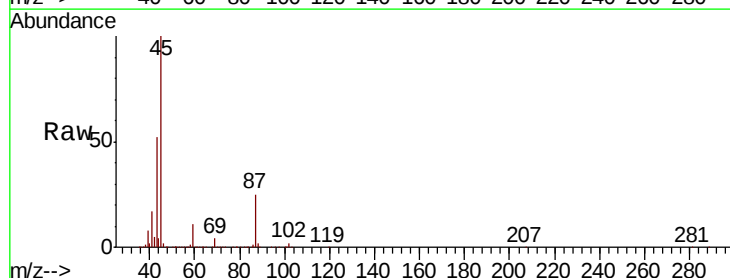
Ion Ratio Lower Upper

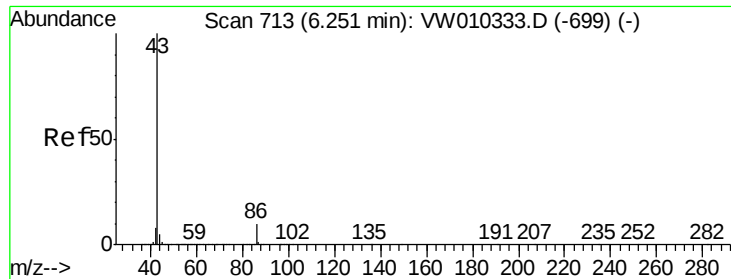
45 100

43 51.6 46.1 69.1

87 25.1 18.3 27.5

59 11.3 8.2 12.4





#23

Vinyl Acetate

Concen: 282.373 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

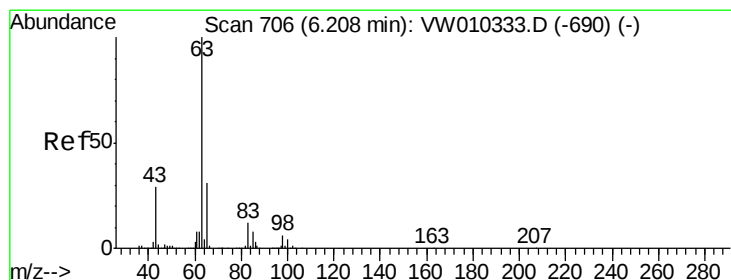
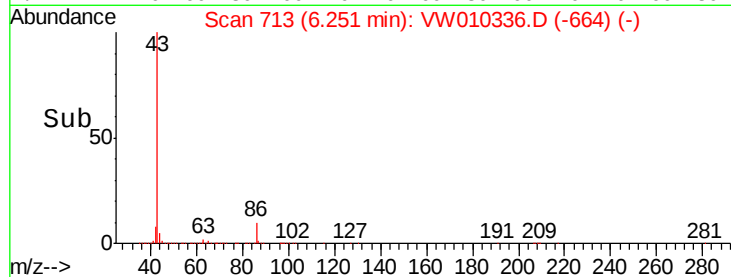
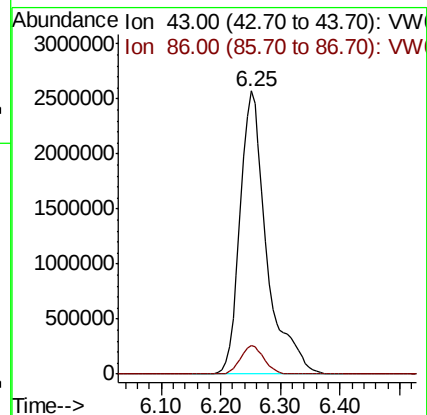
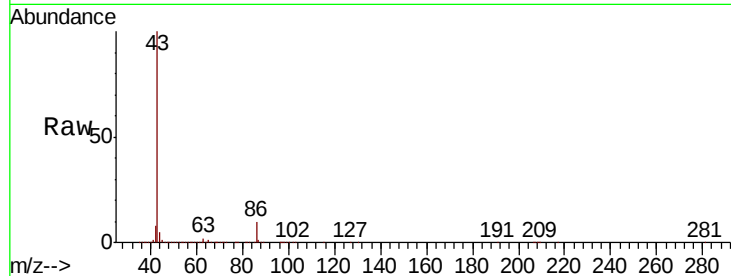
Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7979302

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.0	10.6



#24

1,1-Dichloroethane

Concen: 53.028 ug/l

RT: 6.21 min Scan# 706

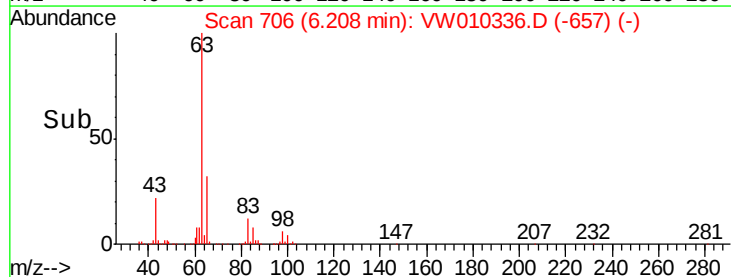
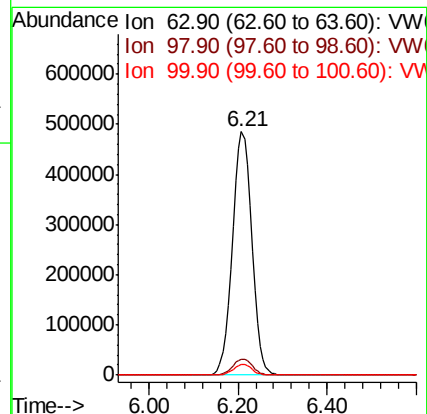
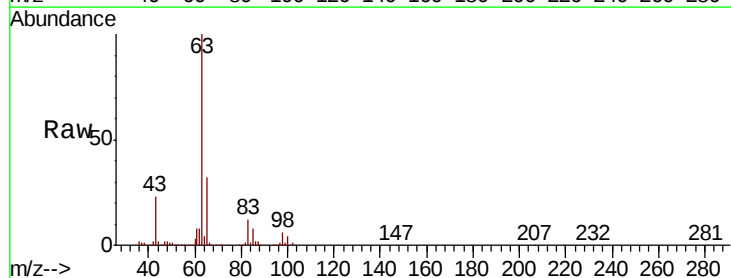
Delta R.T. -0.00 min

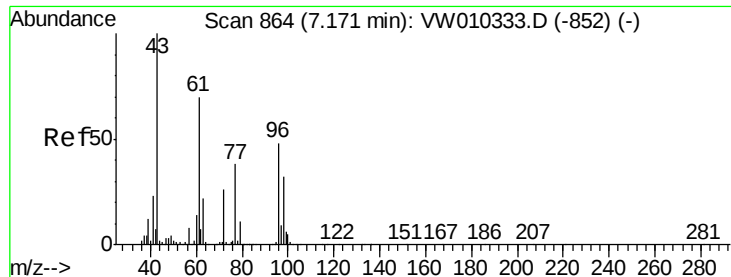
Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion: 63 Resp: 1469250

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	4.2	2.0	6.0





#25

2-Butanone

Concen: 268.108 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

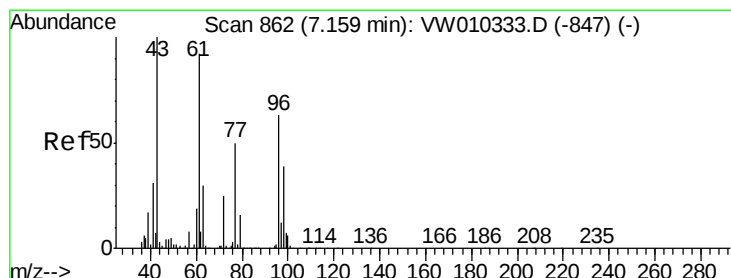
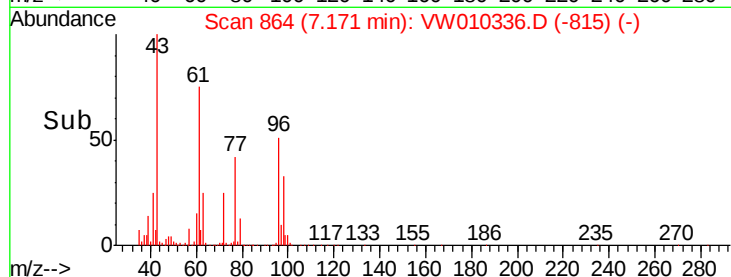
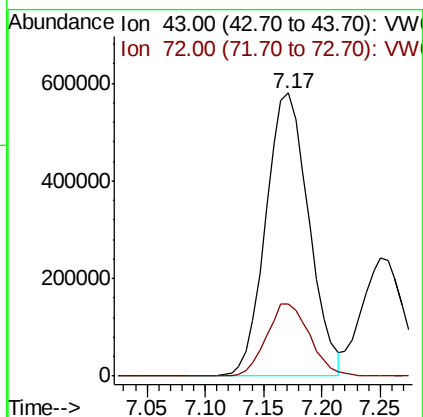
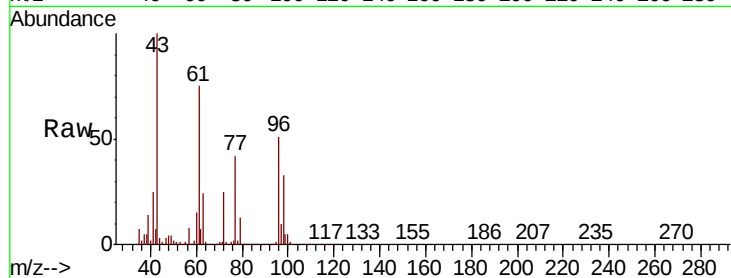
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1480884

Ion Ratio Lower Upper

43 100

72 25.3 19.1 28.7



#26

2,2-Dichloropropane

Concen: 56.104 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW010336.D

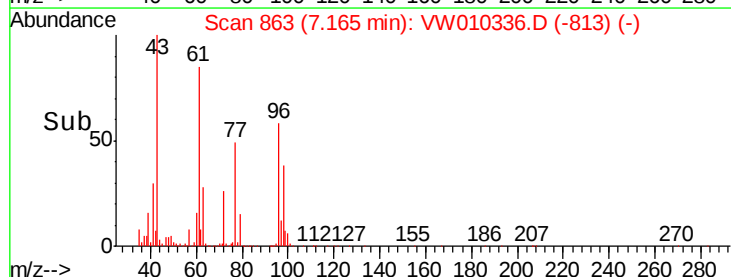
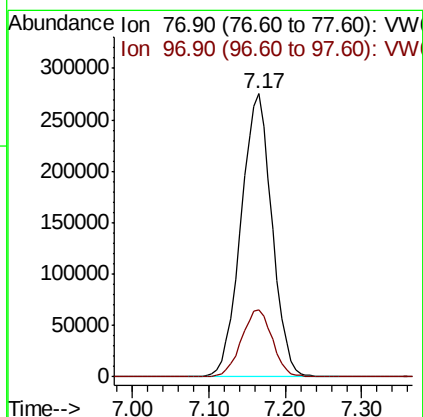
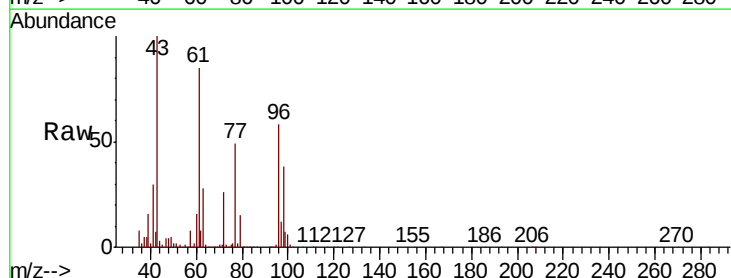
Acq: 09 May 2019 14:26

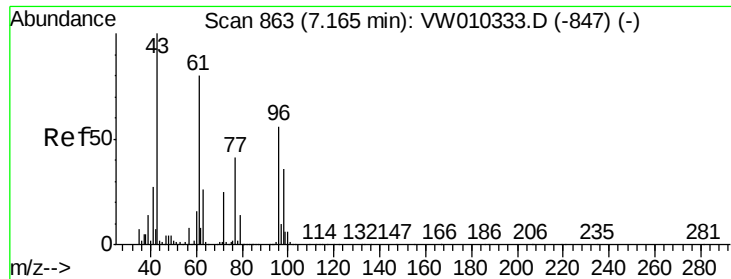
Tgt Ion: 77 Resp: 773425

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9



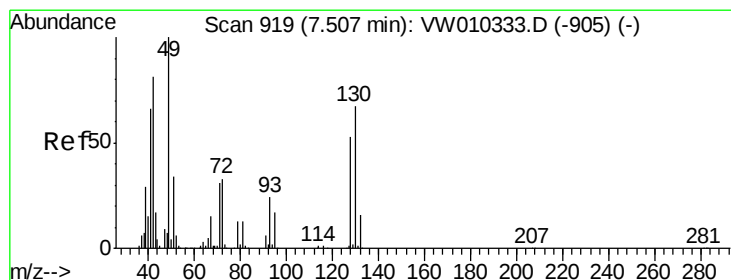
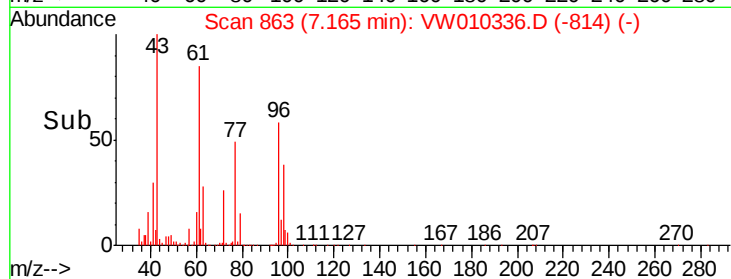
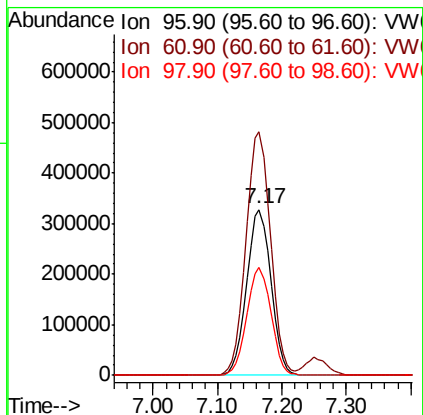
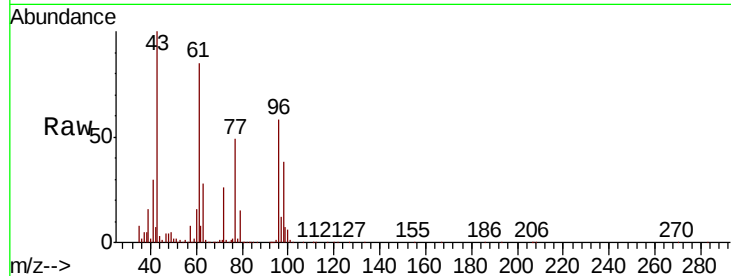


#27

cis-1,2-Dichloroethene
Concen: 53.827 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampleId :

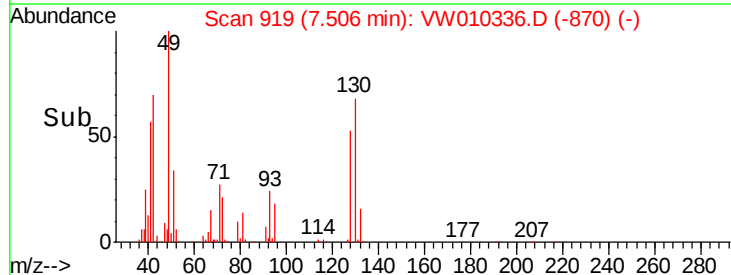
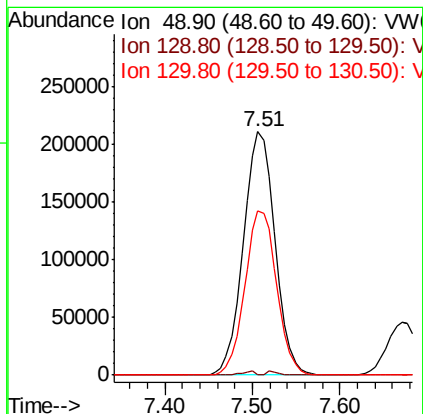
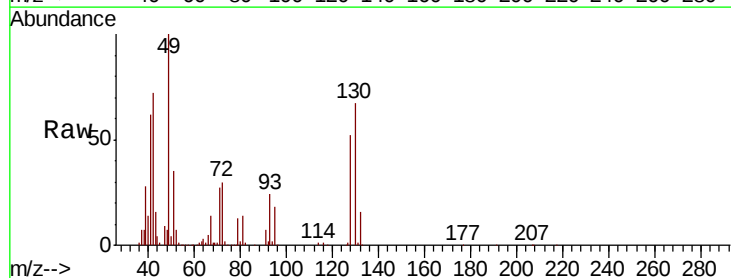
Tot Ion: 96 Resp: 846443
Ion Ratio Lower Upper
96 100
61 148.6 0.0 309.4
98 64.8 0.0 128.6

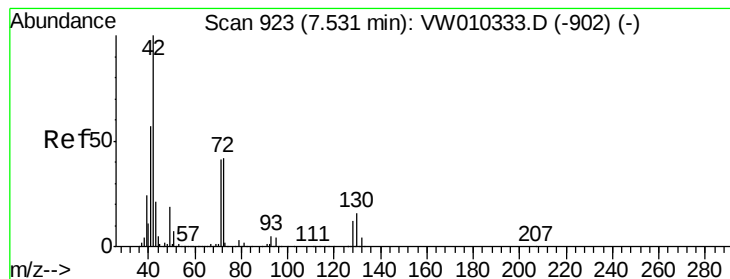


#28

Bromochloromethane
Concen: 51.796 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 49 Resp: 529095
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.8
130 67.7 54.6 82.0





#29

Tetrahydrofuran

Concen: 264.449 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

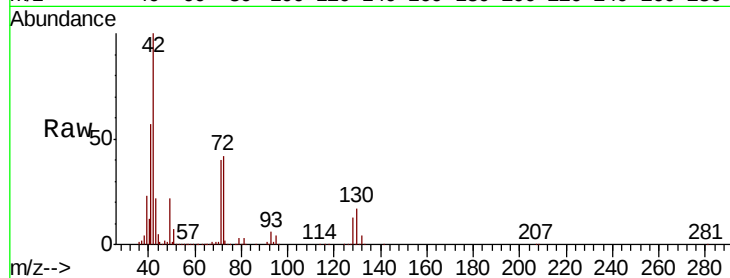
Tot Ion: 42 Resp: 944770

Ion Ratio Lower Upper

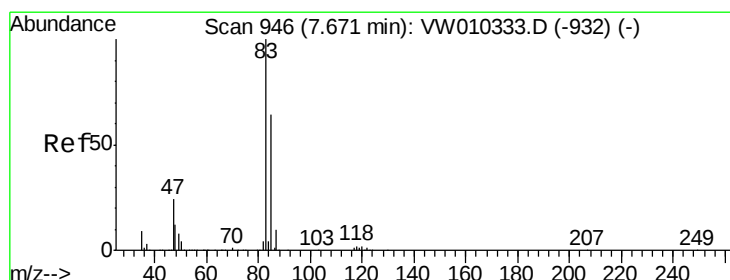
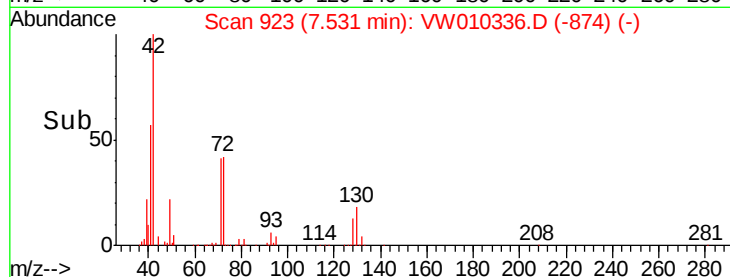
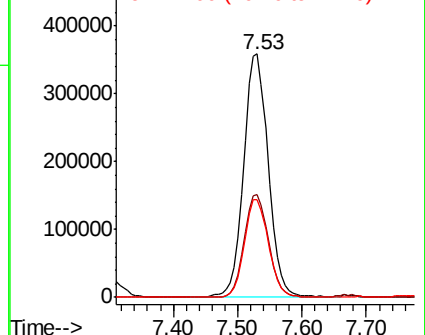
42 100

72 41.3 31.0 46.6

71 39.1 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: 52.537 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010336.D

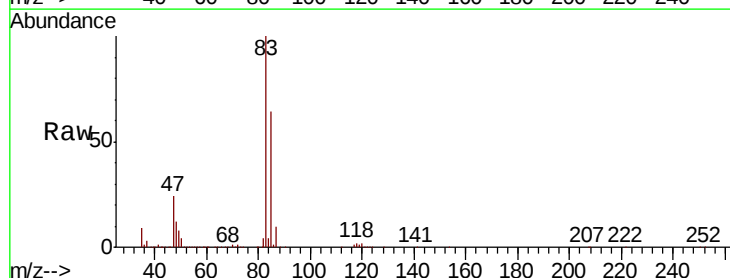
Acq: 09 May 2019 14:26

Tgt Ion: 83 Resp: 1362283

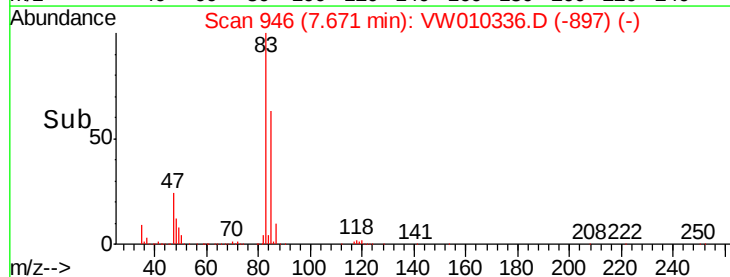
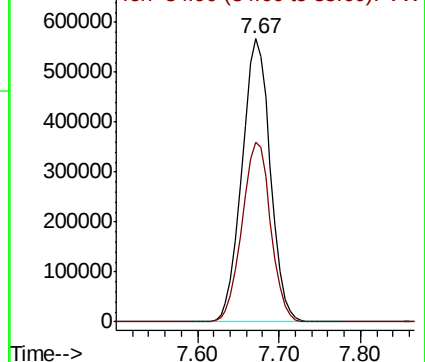
Ion Ratio Lower Upper

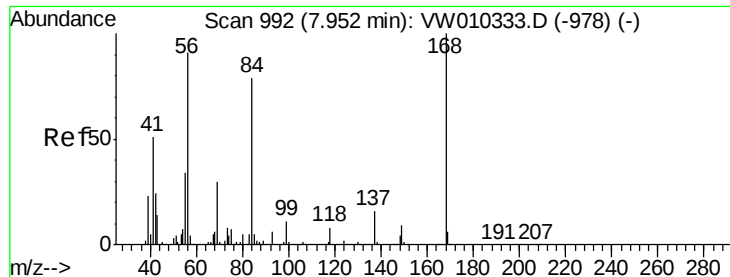
83 100

85 63.5 50.7 76.1



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





#31

Cyclohexane

Concen: 51.761 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

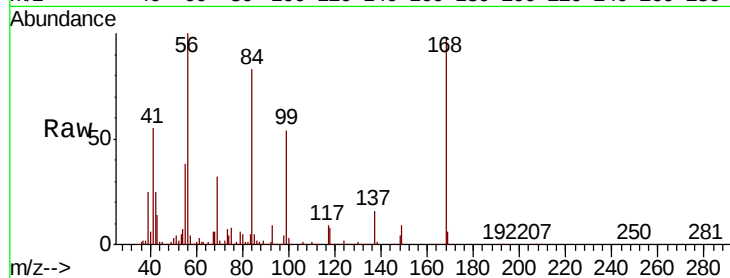
Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1468431

Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.6	40.0
84	82.6	66.2	99.2

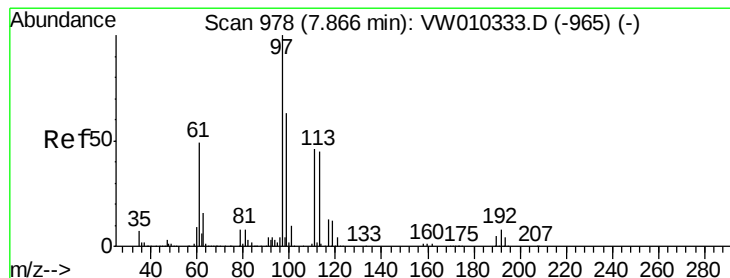
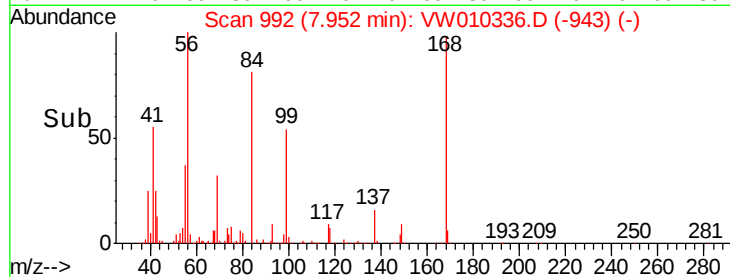


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 53.420 ug/l

RT: 7.87 min Scan# 978

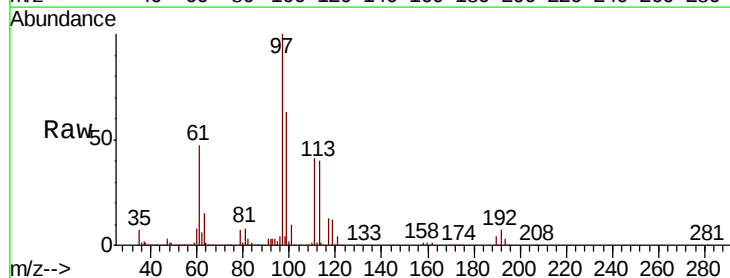
Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion: 97 Resp: 1072957

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.2	75.2
61	46.4	38.2	57.2

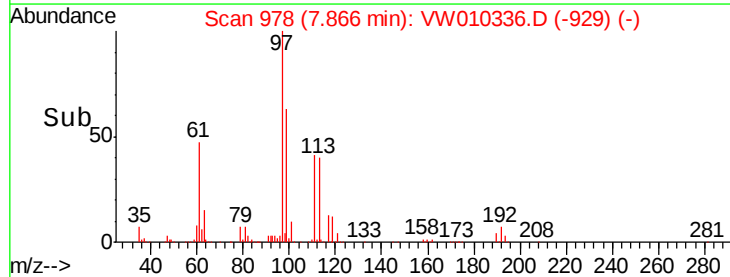


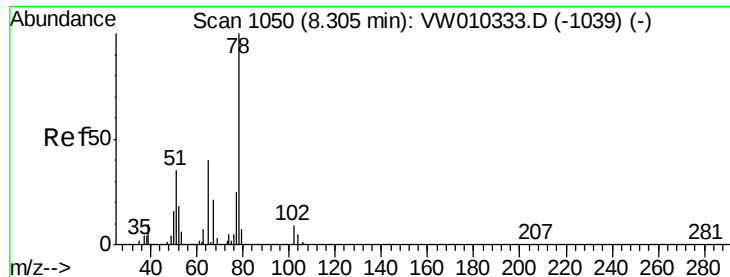
Abundance

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: 51.454 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

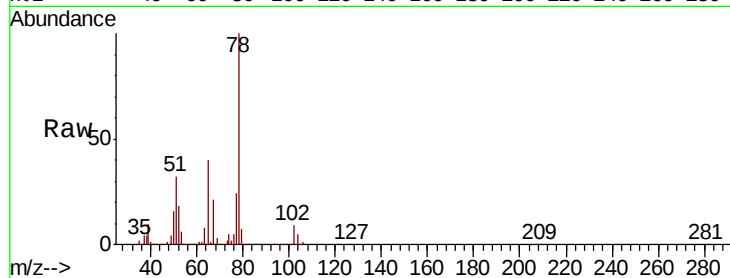
ClientSampleId :

Tot Ion: 65 Resp: 712636

Ion Ratio Lower Upper

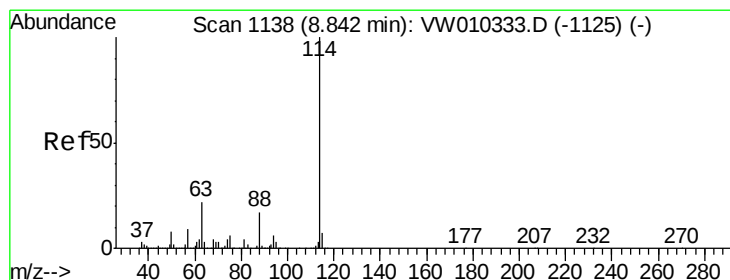
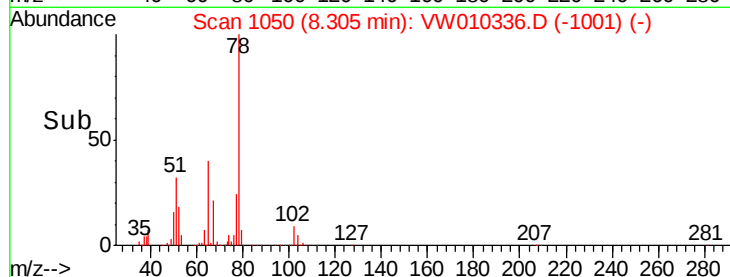
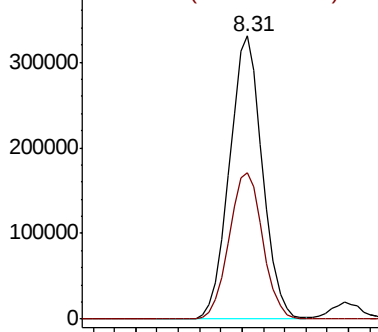
65 100

67 53.0 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: VW010336.D

Acq: 09 May 2019 14:26

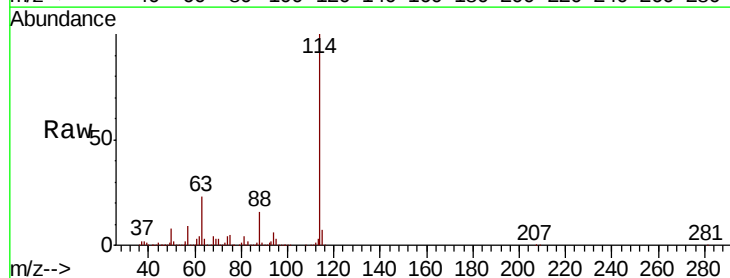
Tgt Ion: 114 Resp: 2067659

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

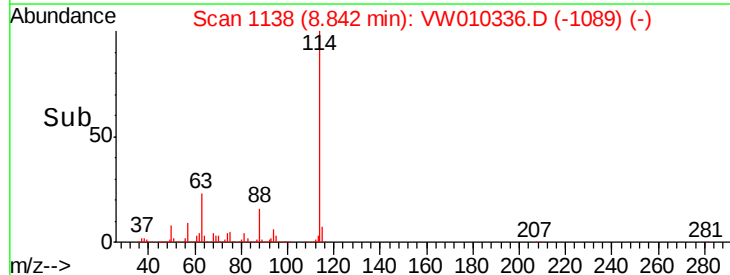
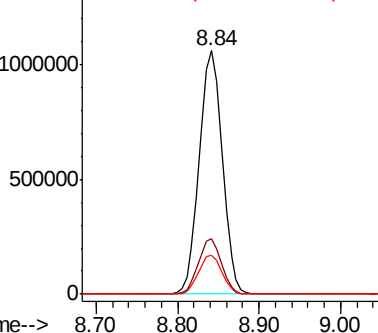
88 16.2 0.0 32.6

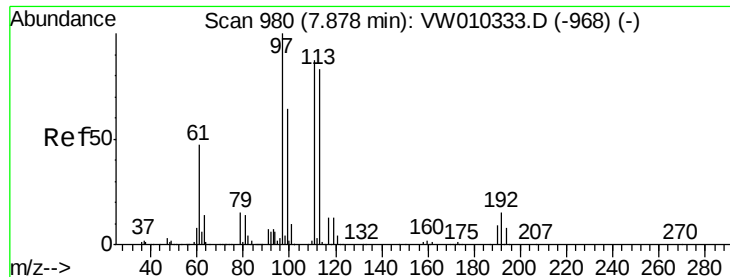


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

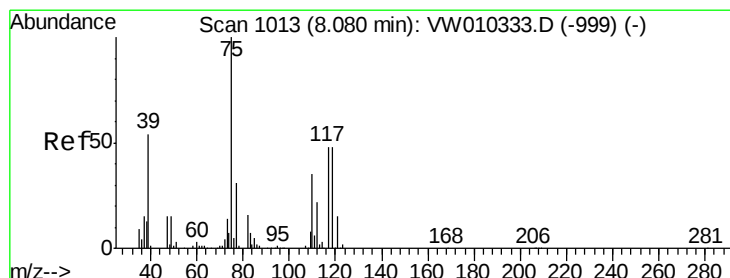
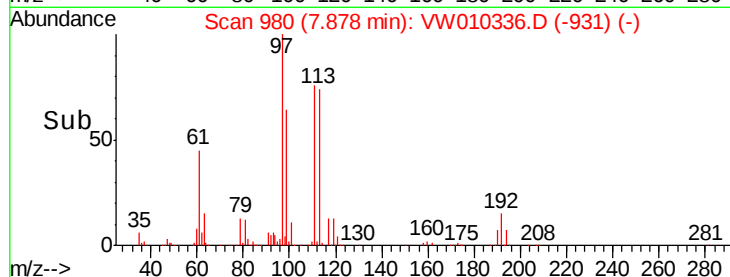
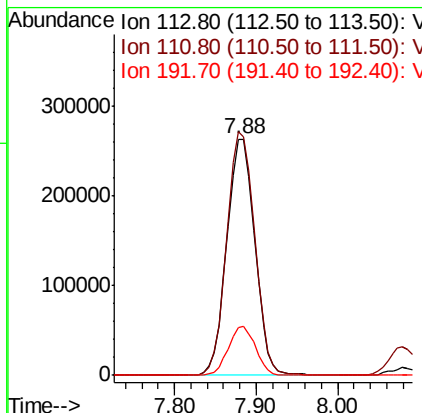
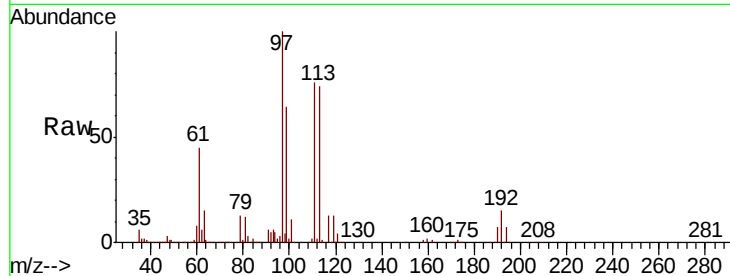




#35
 Dibromofluoromethane
 Concen: 51.581 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

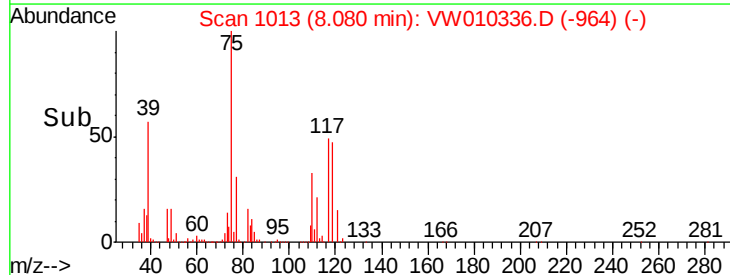
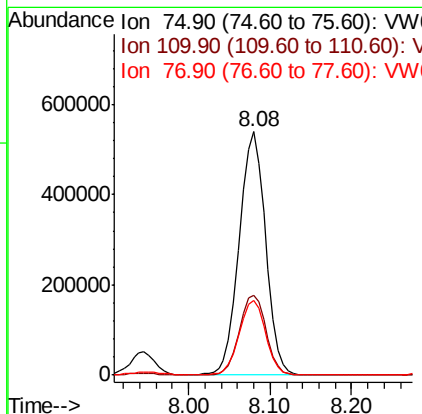
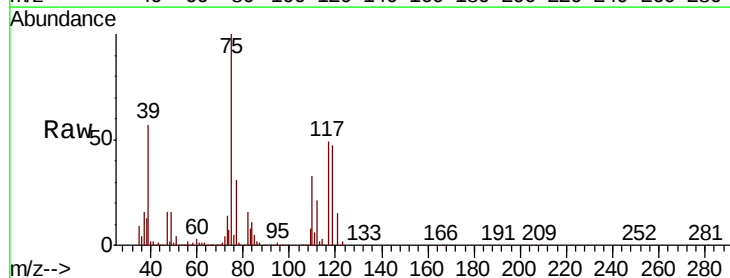
Instrument :
 MSVOA_W
 ClientSampled :

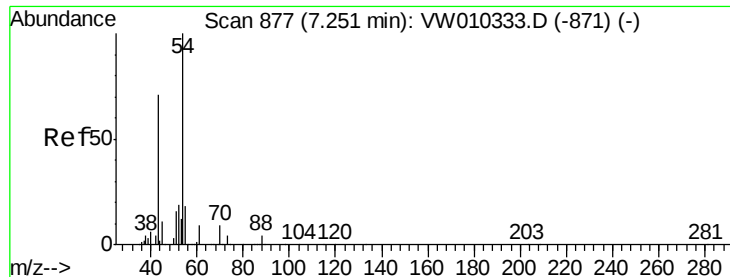
Tot Ion:113 Resp: 624111
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 20.1 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 53.945 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion: 75 Resp: 1209391
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.6 49.8
 77 30.9 24.8 37.2

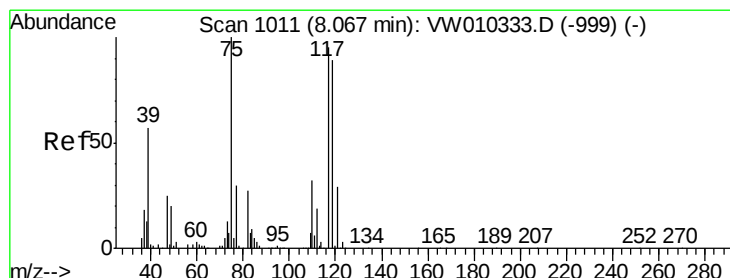
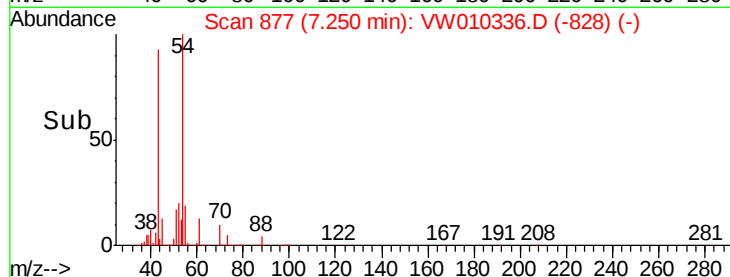
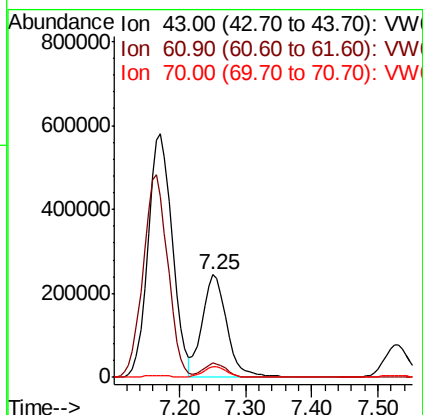
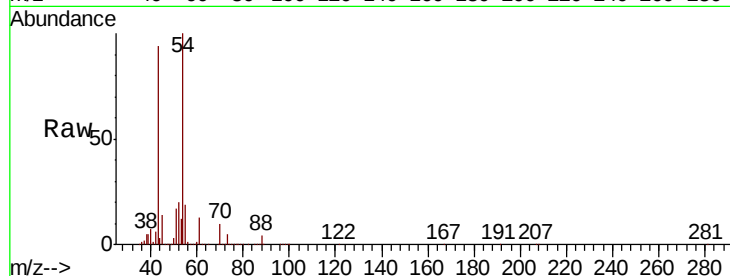




#37
Ethyl Acetate
Concen: 52.819 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

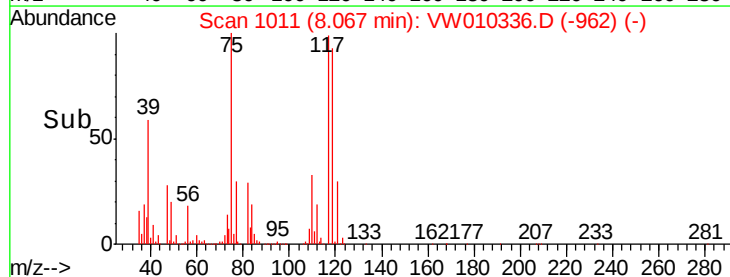
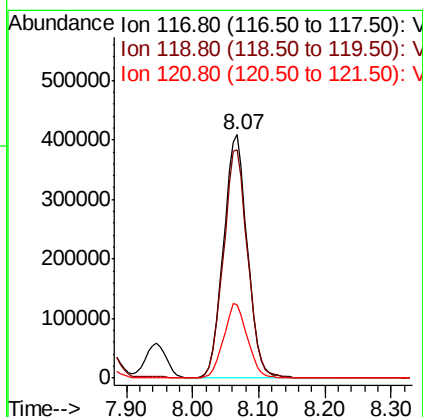
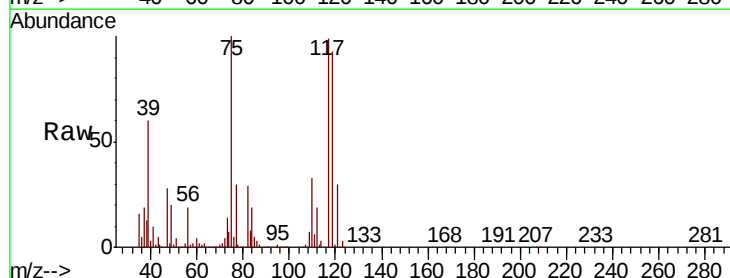
Instrument :
MSVOA_W
ClientSampleId :

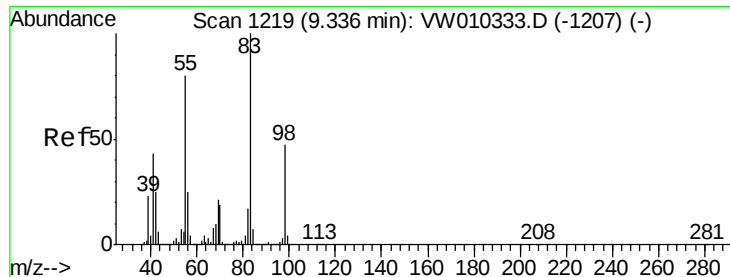
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.8	14.8
70	10.4	7.4	11.0



#38
Carbon Tetrachloride
Concen: 53.239 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.3	112.9
121	30.4	24.4	36.6

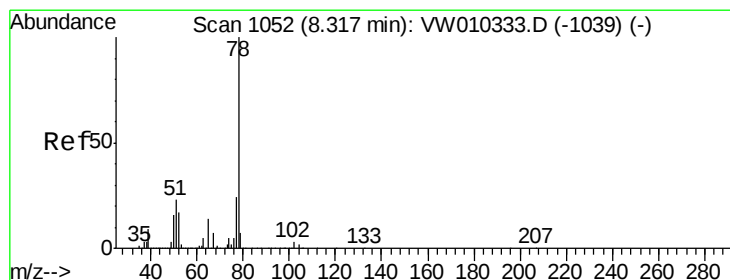
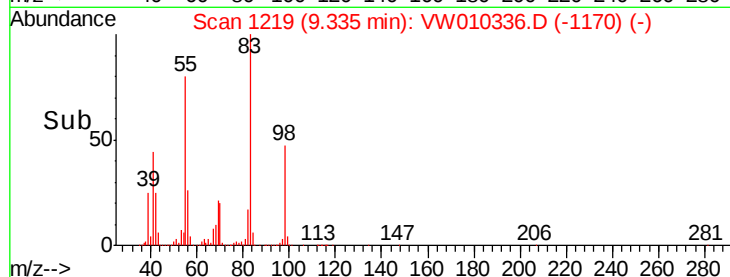
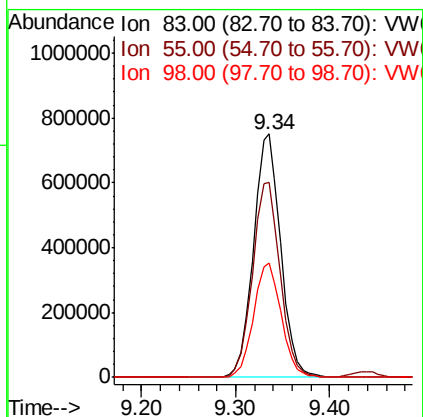
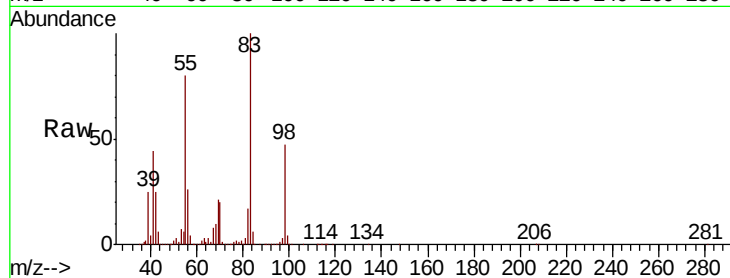




#39
Methvlcvclohexane
Concen: 55.601 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

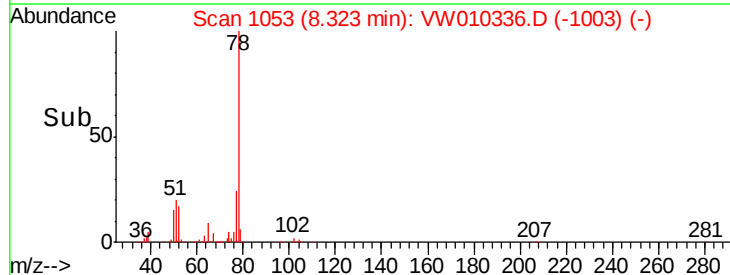
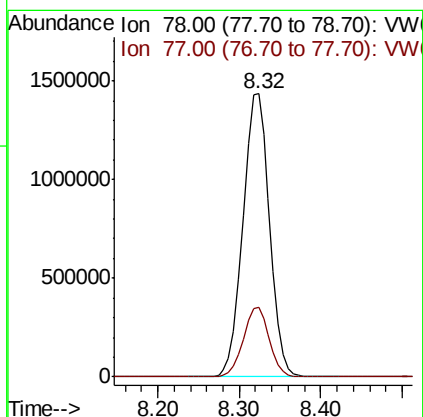
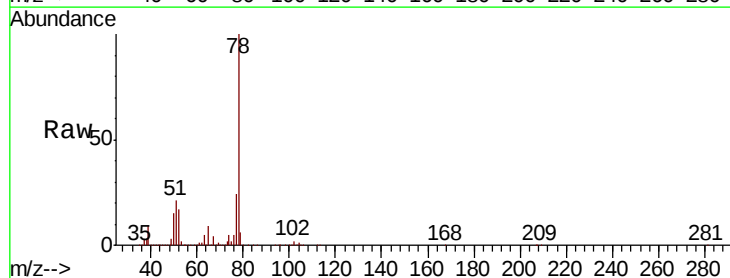
Instrument :
MSVOA_W
ClientSampled :

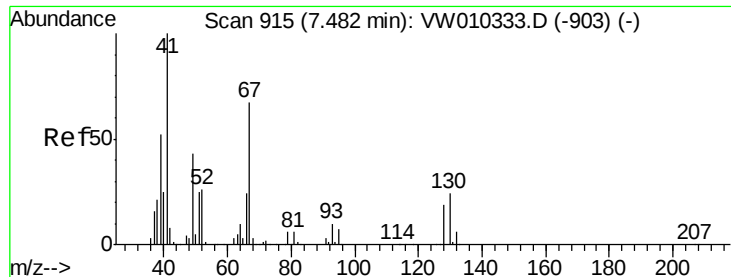
Tot Ion: 83 Resp: 1524880
Ion Ratio Lower Upper
83 100
55 79.8 67.1 100.7
98 47.0 39.2 58.8



#40
Benzene
Concen: 52.748 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 78 Resp: 3238641
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

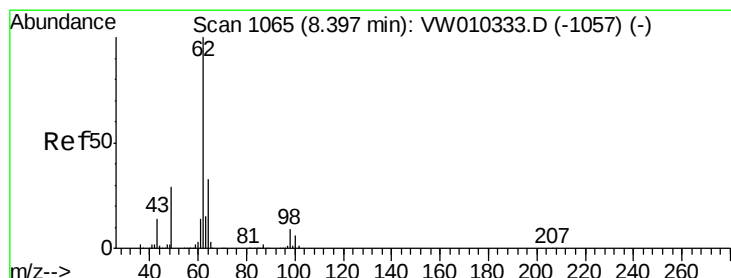
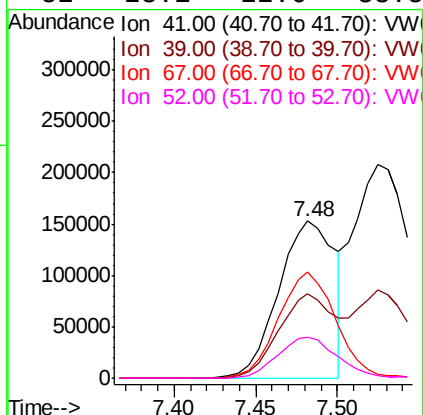
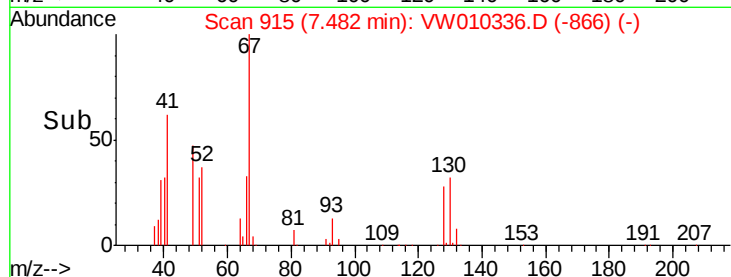
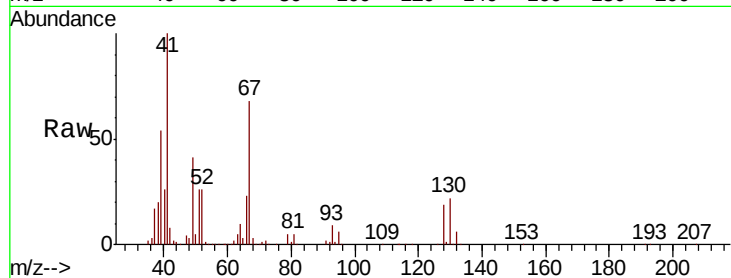




#41
Methacrylonitrile
Concen: 54.403 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

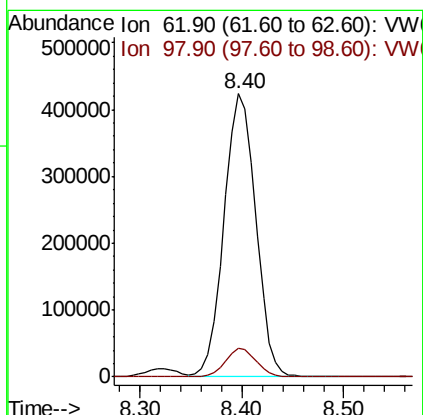
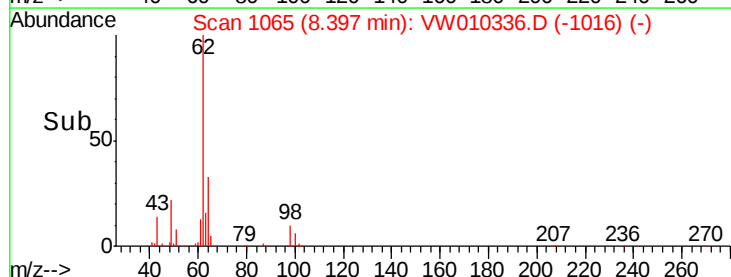
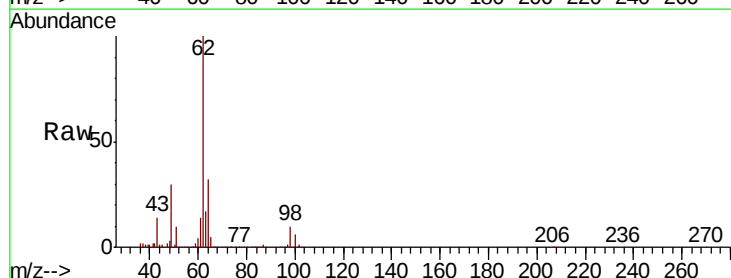
Instrument :
MSVOA_W
ClientSampled :

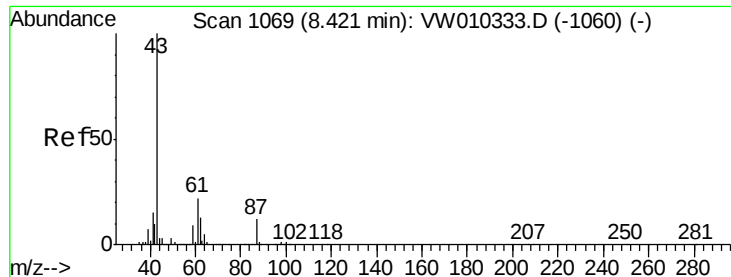
Tot Ion:	41	Resp:	364188
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.0	67.4
67	70.0	50.7	76.1
52	28.1	22.6	33.8



#42
1,2-Dichloroethane
Concen: 52.020 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion:	62	Resp:	914225
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.6



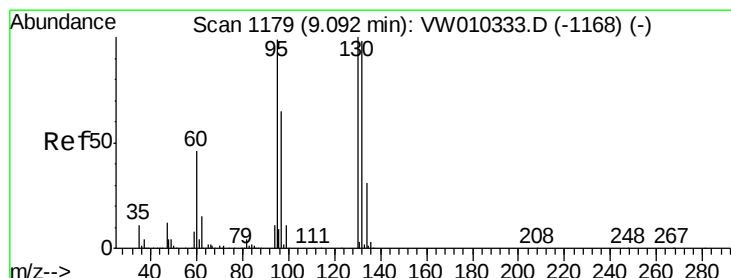
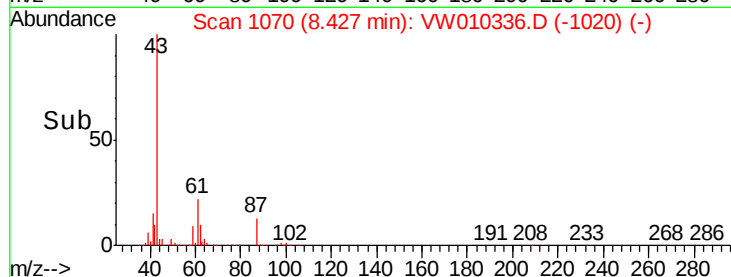
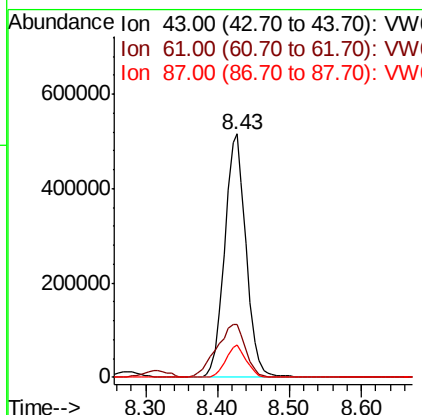
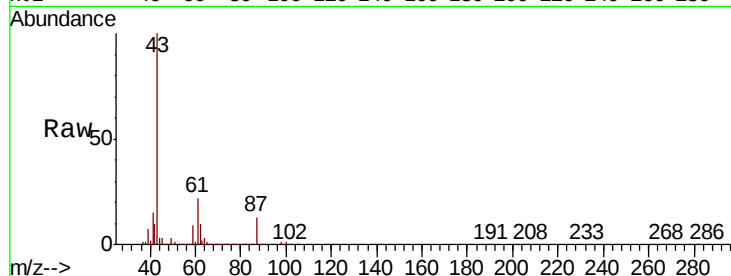


#43

Isopropyl Acetate
 Concen: 53.537 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Instrument :
 MSVOA_W
 ClientSampleId :

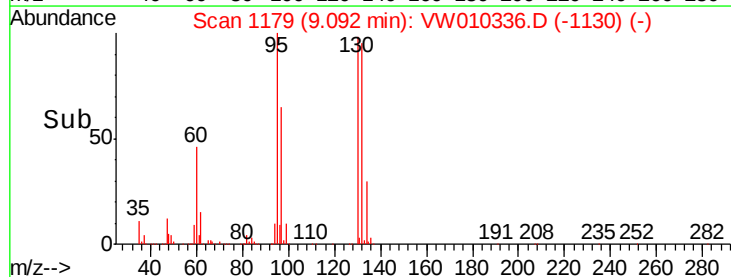
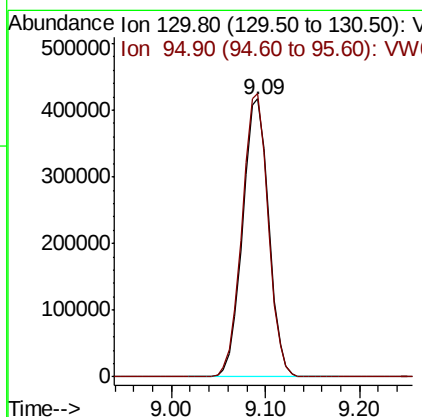
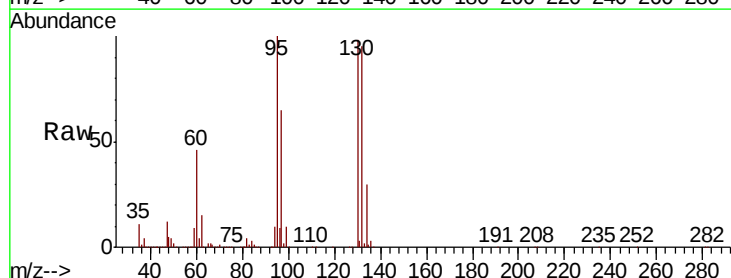
Tot Ion: 43 Resp: 1059865
 Ion Ratio Lower Upper
 43 100
 61 29.6 23.0 34.6
 87 12.8 9.3 13.9

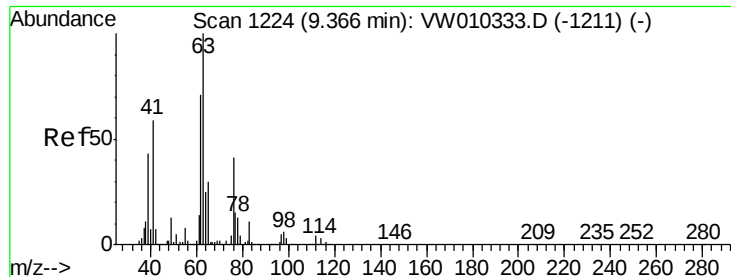


#44

Trichloroethene
 Concen: 52.842 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion: 130 Resp: 812230
 Ion Ratio Lower Upper
 130 100
 95 102.0 0.0 205.4

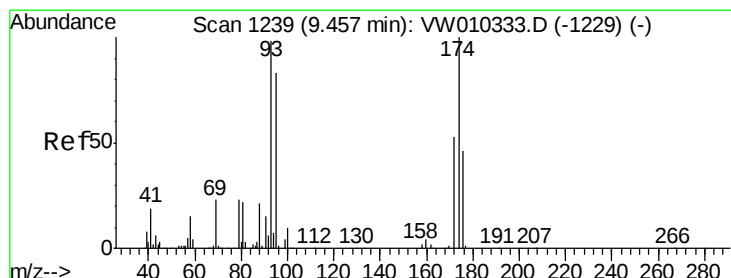
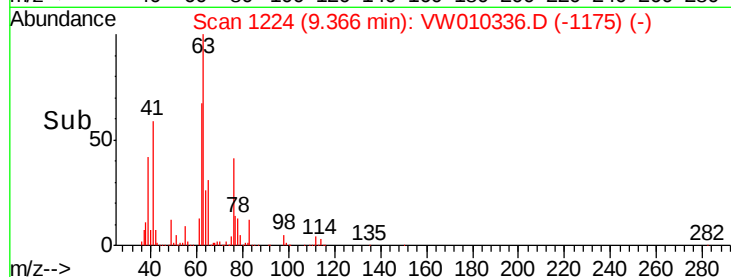
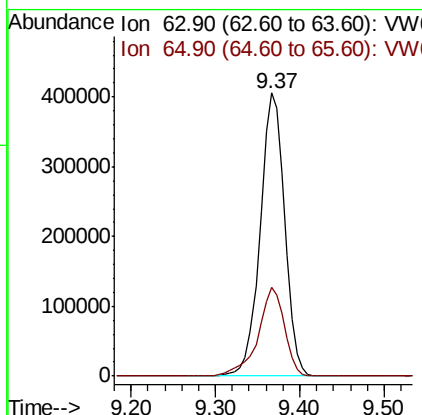
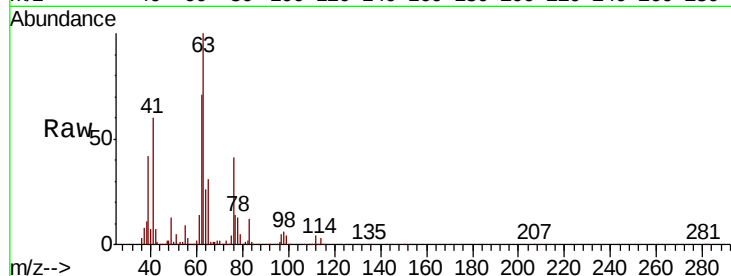




#45
 1,2-Dichloropropane
 Concen: 53.151 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

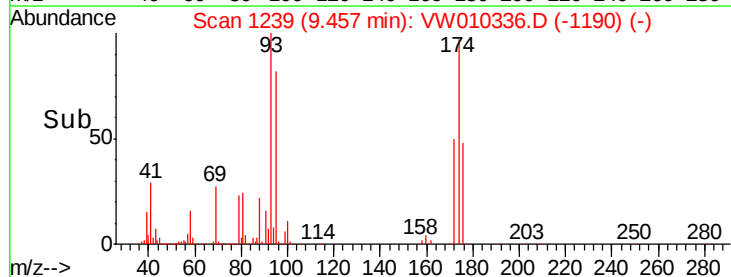
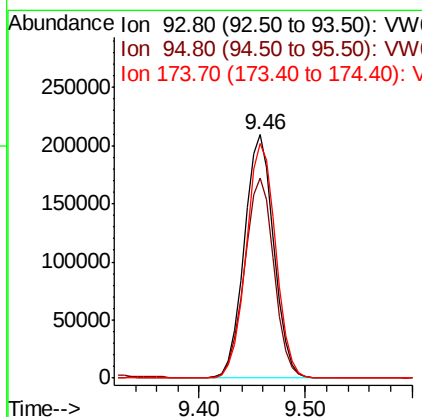
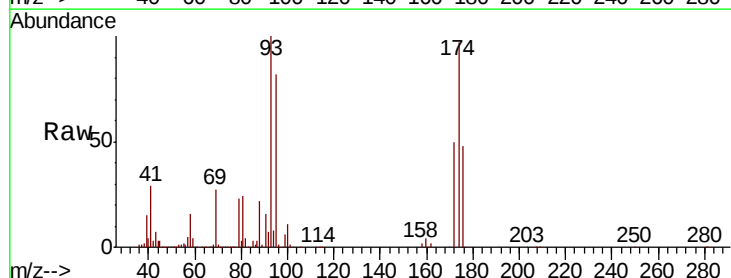
Instrument :
 MSVOA_W
 ClientSampleId :

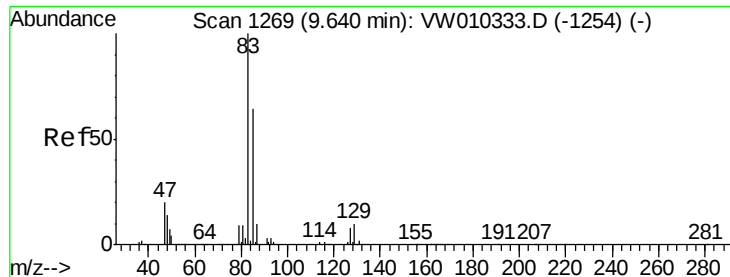
Tot Ion: 63 Resp: 811177
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.8 35.6



#46
 Dibromomethane
 Concen: 51.690 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion: 93 Resp: 407545
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.8
 174 96.4 75.5 113.3





#47

Bromodichloromethane

Concen: 52.924 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

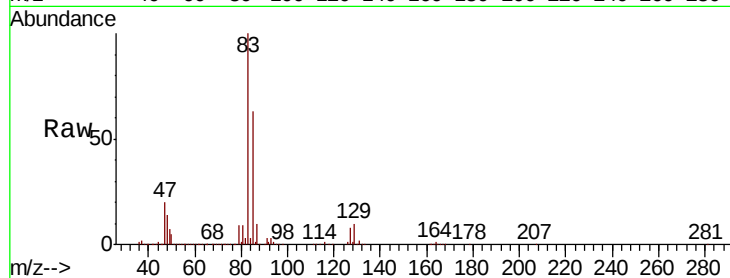
Tot Ion: 83 Resp: 1000944

Ion Ratio Lower Upper

83 100

85 63.4 50.6 75.8

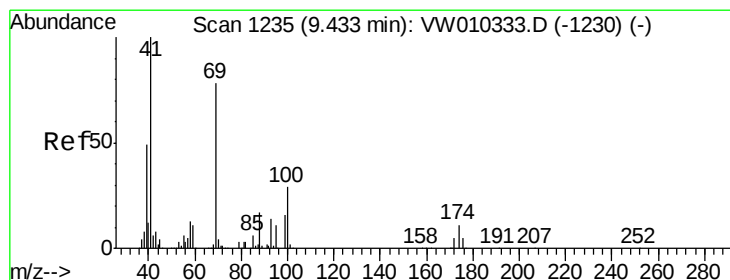
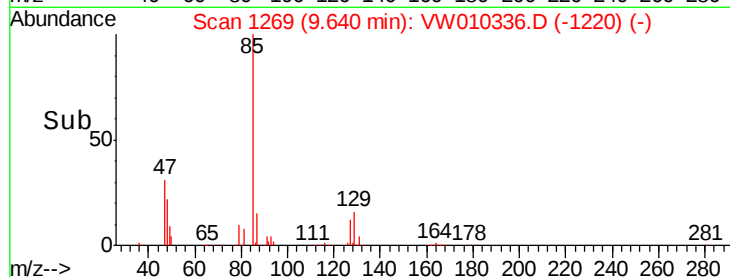
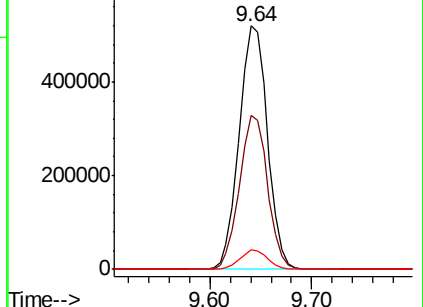
127 7.9 6.6 10.0



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: 54.636 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

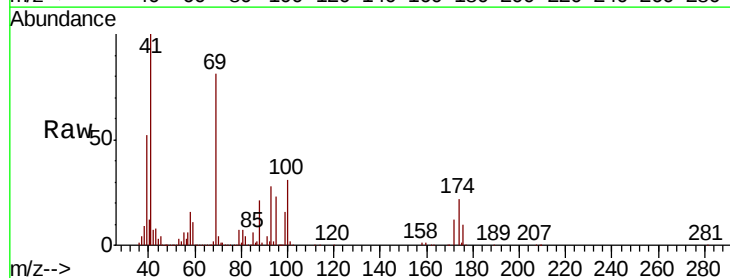
Tgt Ion: 41 Resp: 511413

Ion Ratio Lower Upper

41 100

69 87.0 60.1 90.1

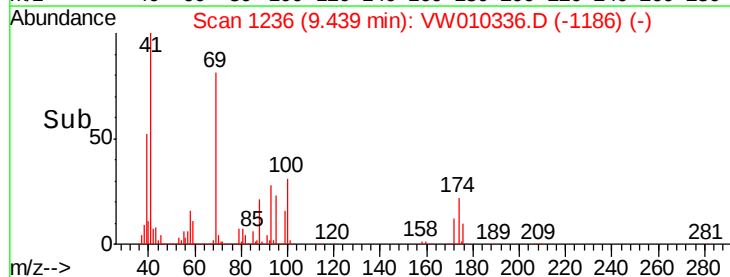
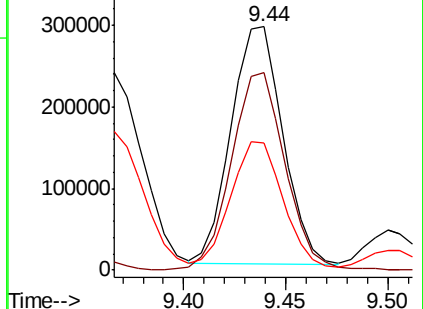
39 52.6 51.0 76.6

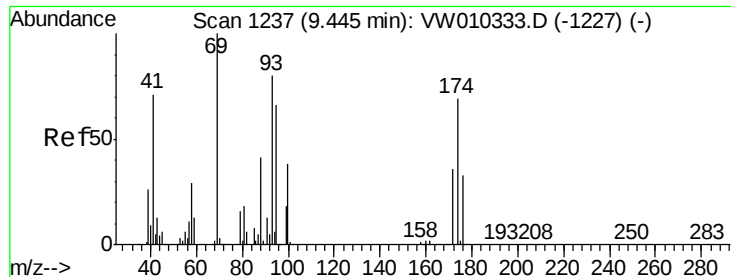


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

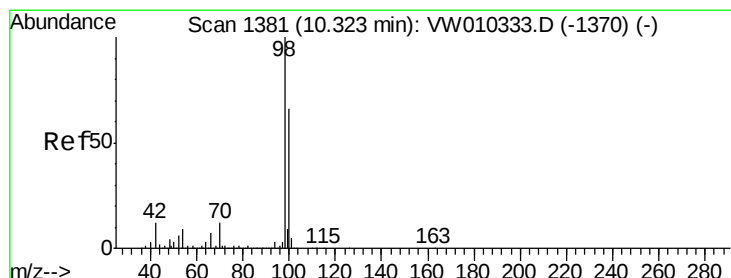
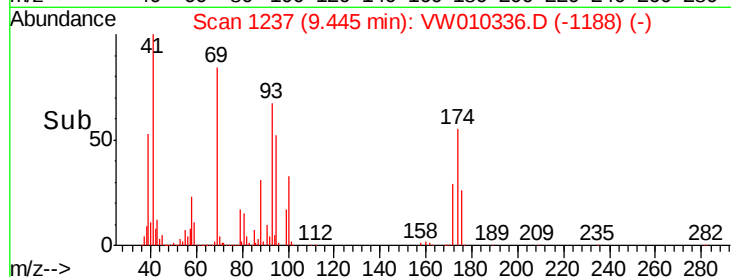
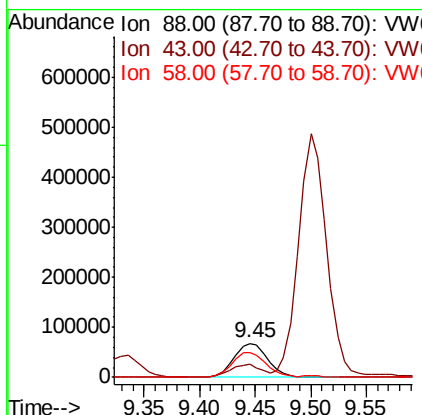
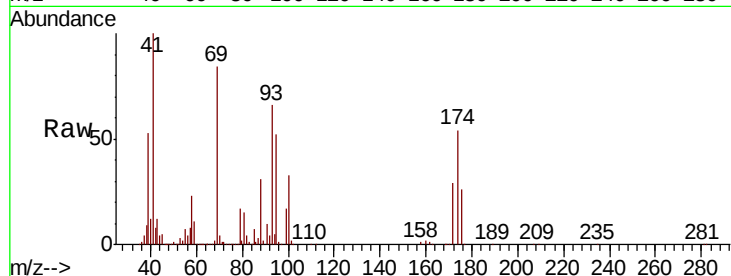




#49
1,4-Dioxane
Concen: 1034.335 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

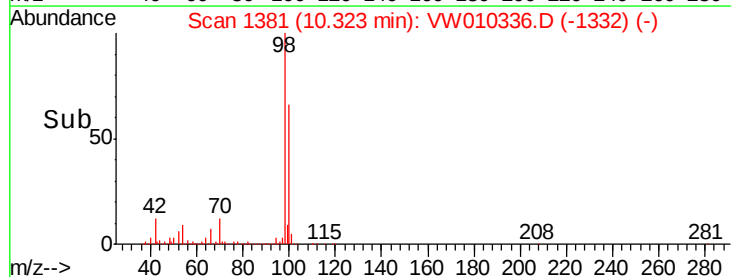
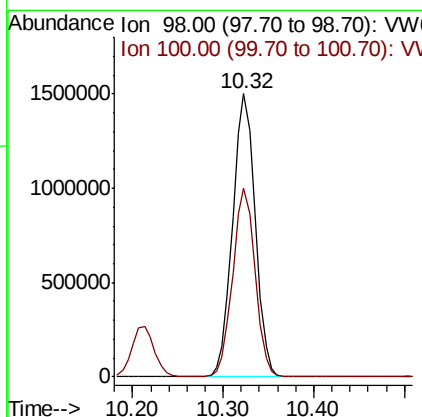
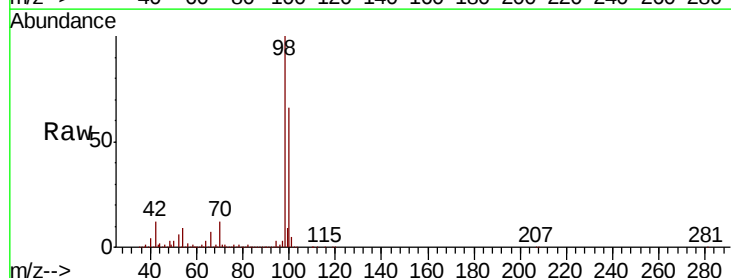
Instrument :
MSVOA_W
ClientSampled :

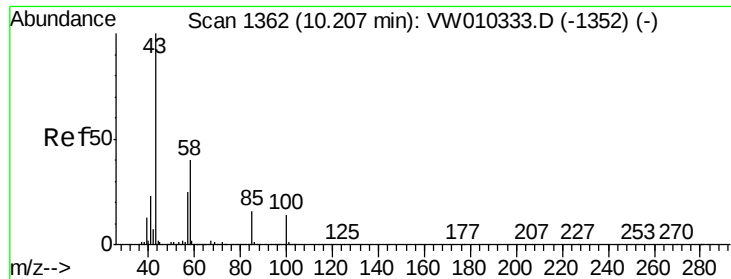
Tot Ion: 88 Resp: 142217
Ion Ratio Lower Upper
88 100
43 34.1 31.9 47.9
58 77.4 61.8 92.6



#50
Toluene-d8
Concen: 52.659 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion: 98 Resp: 2594513
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

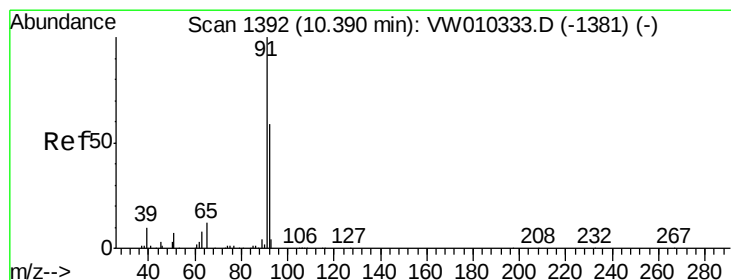
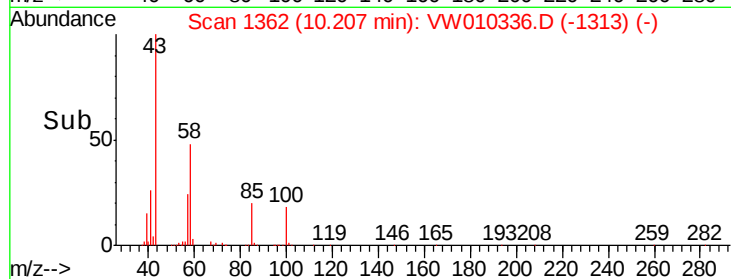
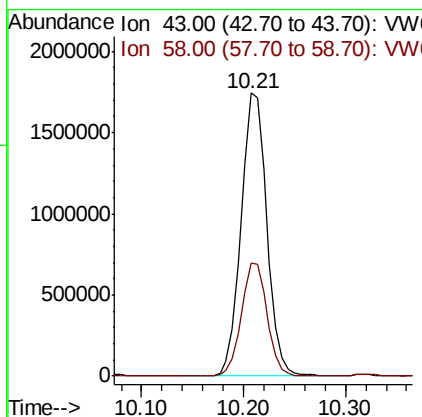
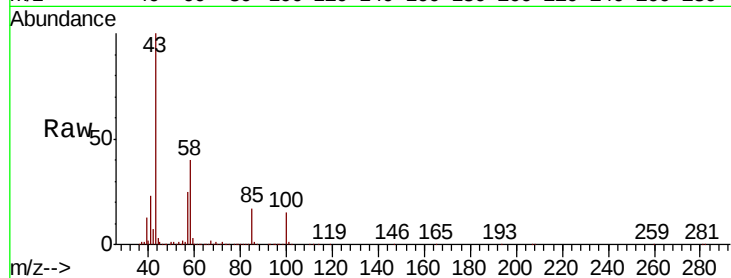




#51
 4-Methyl-2-Pentanone
 Concen: 268.478 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

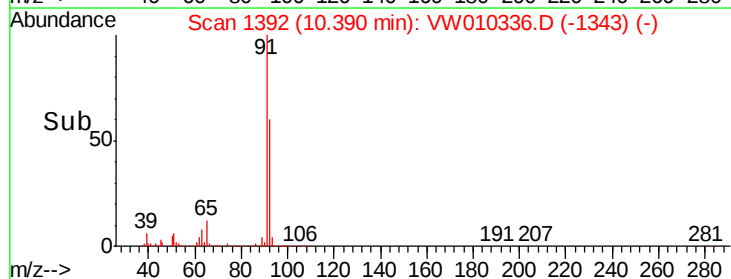
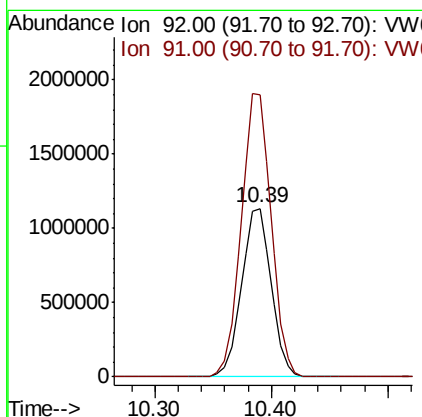
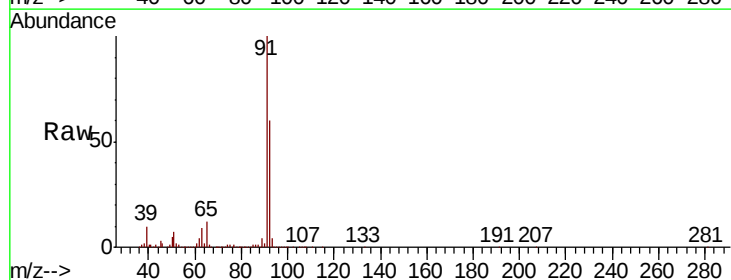
Instrument :
 MSVOA_W
 ClientSampleId :

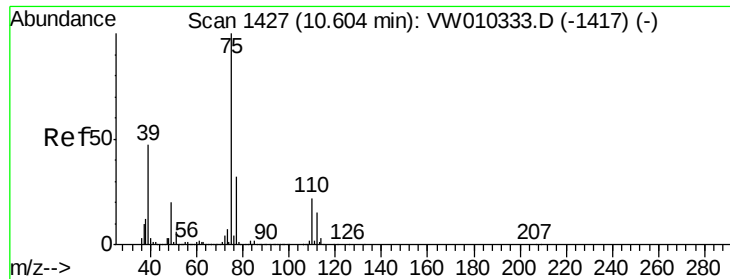
Tot Ion: 43 Resp: 3047648
 Ion Ratio Lower Upper
 43 100
 58 40.0 28.9 43.3



#52
 Toluene
 Concen: 53.505 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion: 92 Resp: 2007920
 Ion Ratio Lower Upper
 92 100
 91 170.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 55.041 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

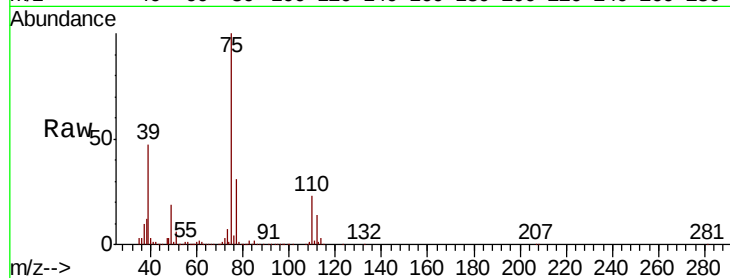
ClientSampleId :

Tot Ion: 75 Resp: 1054422

Ion Ratio Lower Upper

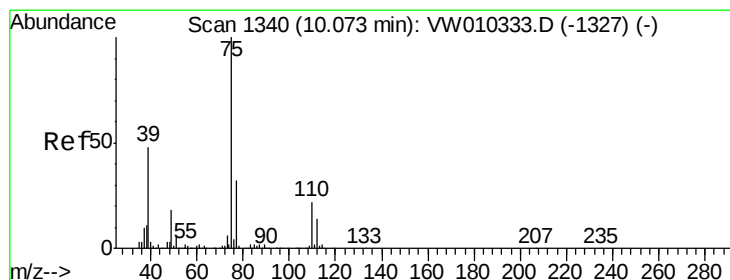
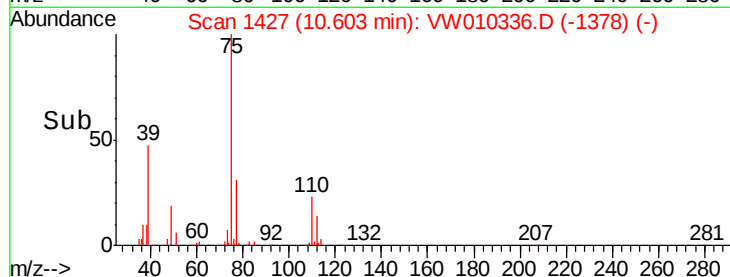
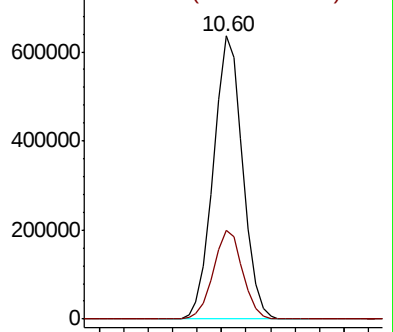
75 100

77 31.3 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 54.440 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

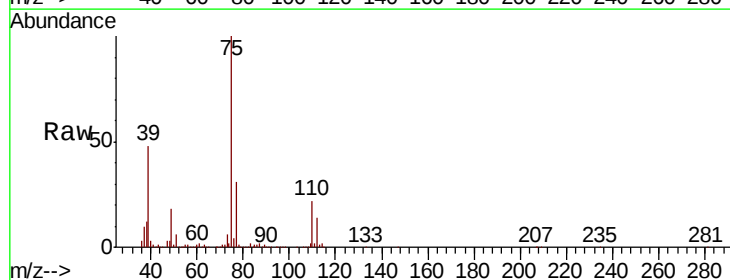
Tgt Ion: 75 Resp: 1235108

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

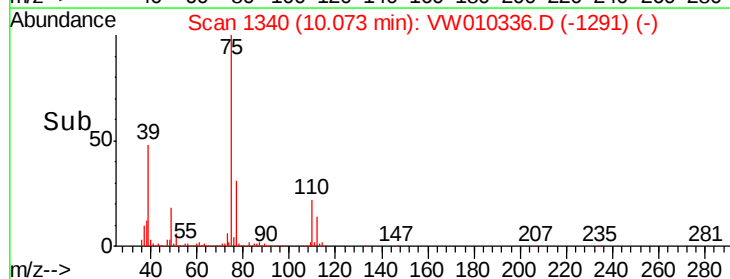
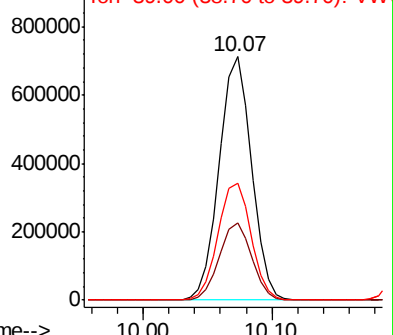
39 47.7 47.8 71.6#

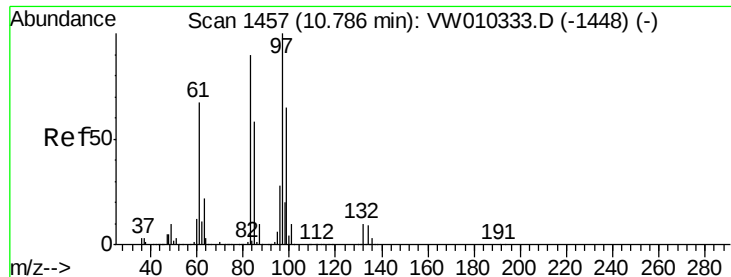


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

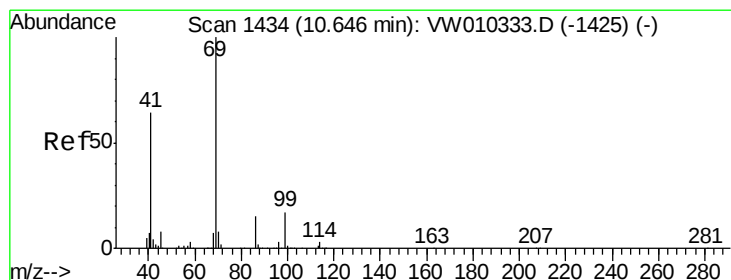
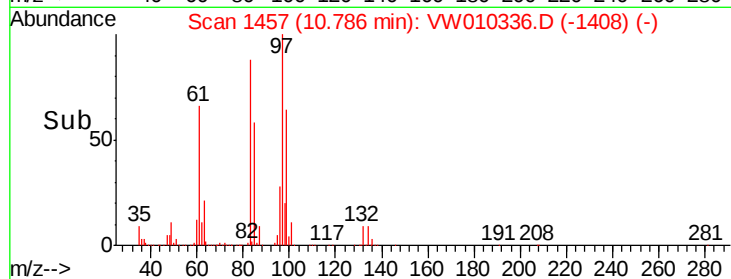
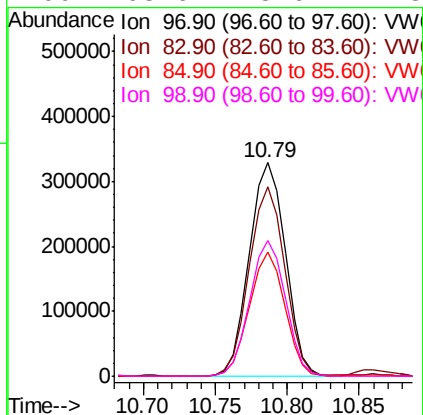
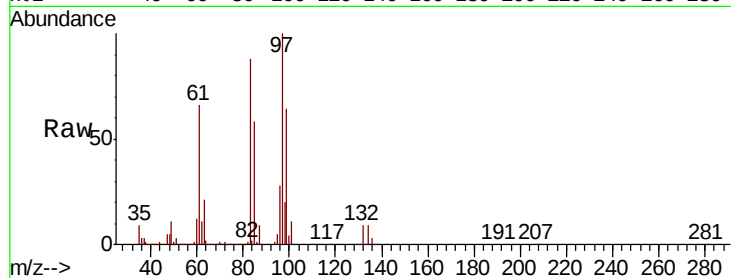




#55
 1,1,2-Trichloroethane
 Concen: 51.158 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

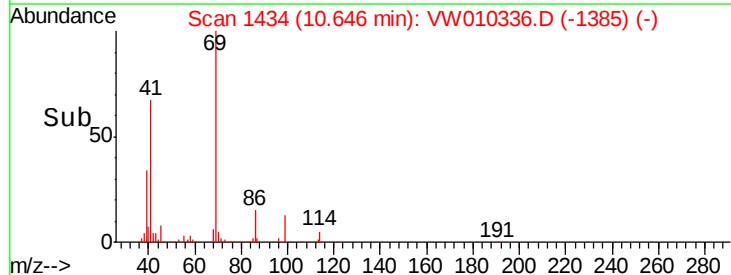
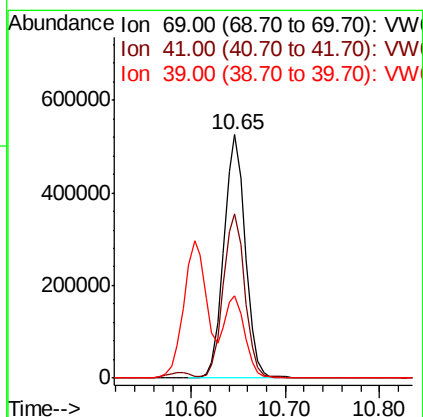
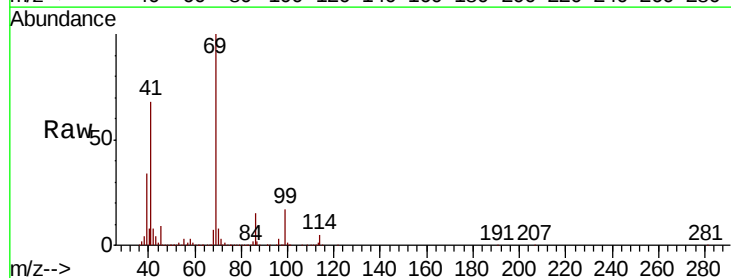
Instrument :
 MSVOA_W
 ClientSampled :

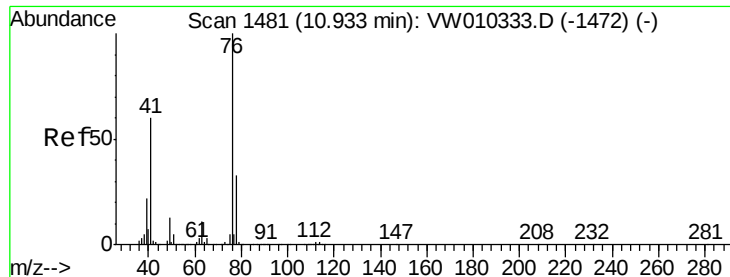
Tot Ion:	97	Resp:	572883
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.9	103.3
85	58.2	42.9	64.3
99	63.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 55.826 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion:	69	Resp:	825545
Ion	Ratio	Lower	Upper
69	100		
41	68.1	61.0	91.6
39	32.2	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 52.173 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

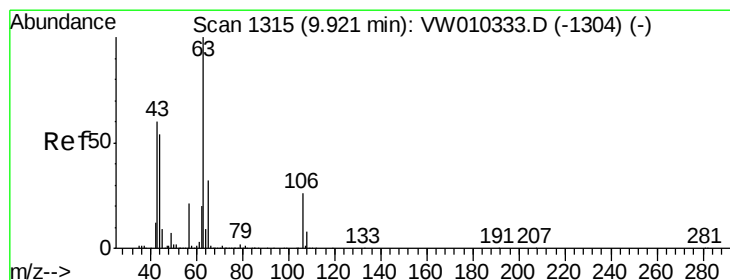
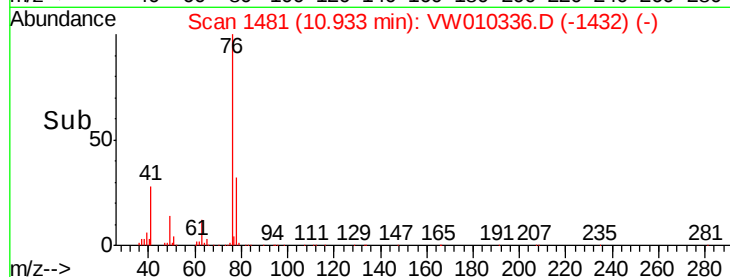
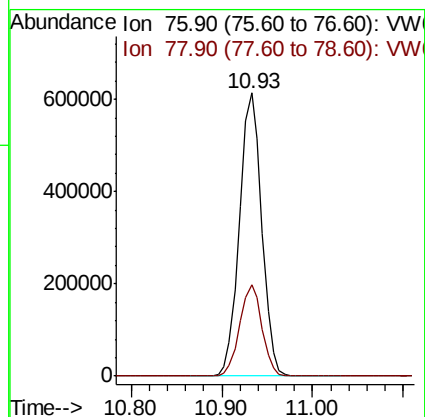
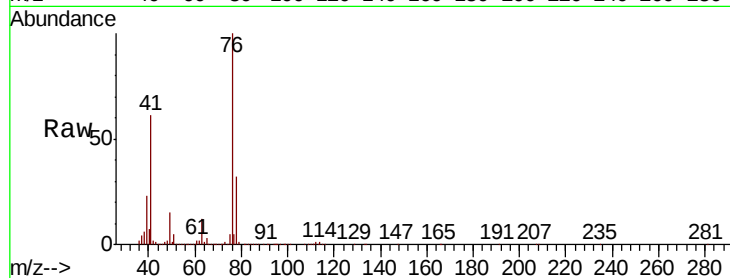
ClientSampleId :

Tot Ion: 76 Resp: 1044476

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 266.413 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010336.D

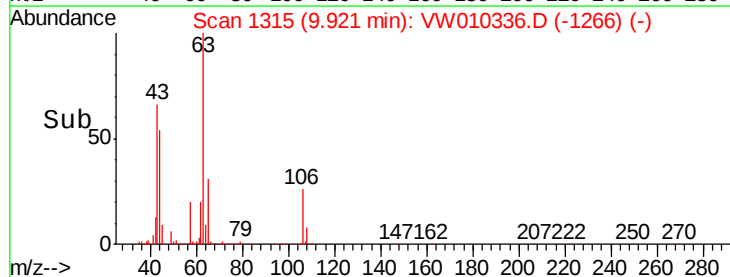
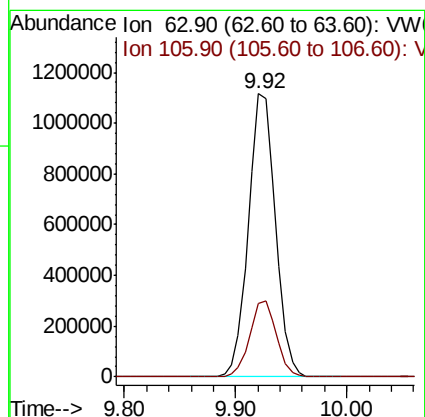
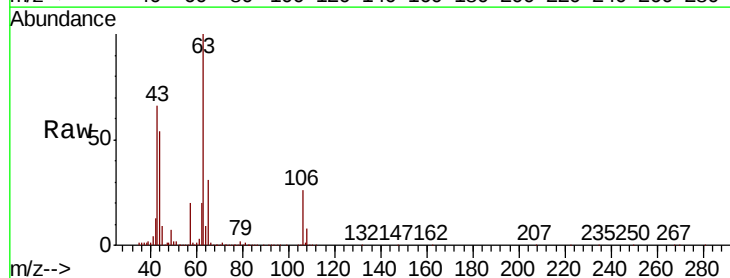
Acq: 09 May 2019 14:26

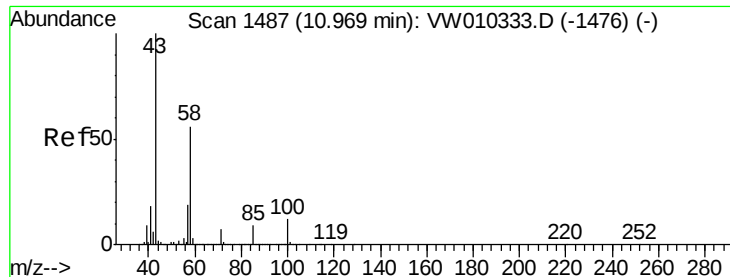
Tgt Ion: 63 Resp: 1886263

Ion Ratio Lower Upper

63 100

106 26.5 21.4 32.0





#59

2-Hexanone

Concen: 274.754 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

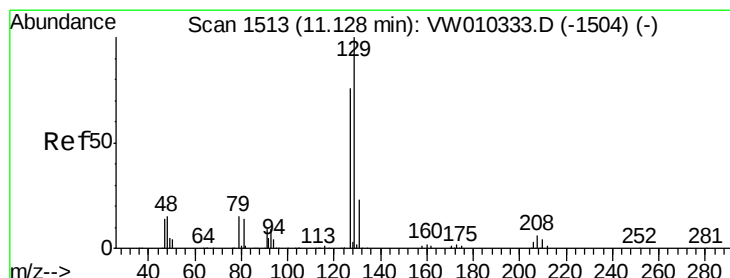
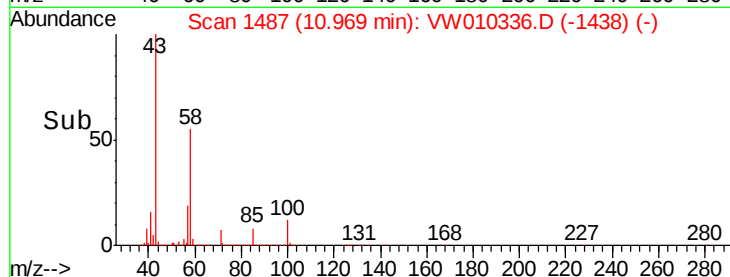
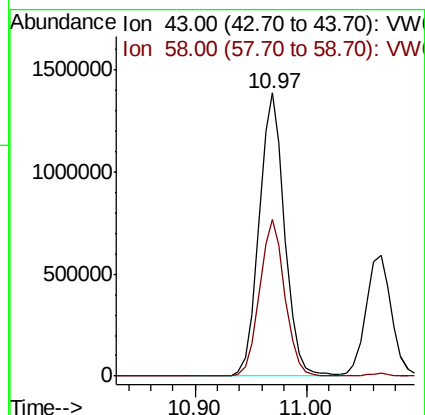
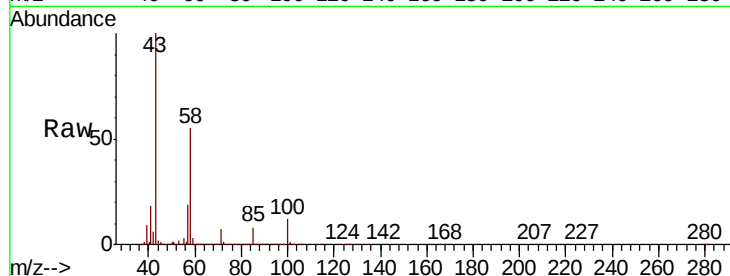
ClientSampleId :

Tot Ion: 43 Resp: 2205166

Ion Ratio Lower Upper

43 100

58 55.0 24.9 74.7



#60

Dibromochloromethane

Concen: 52.669 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010336.D

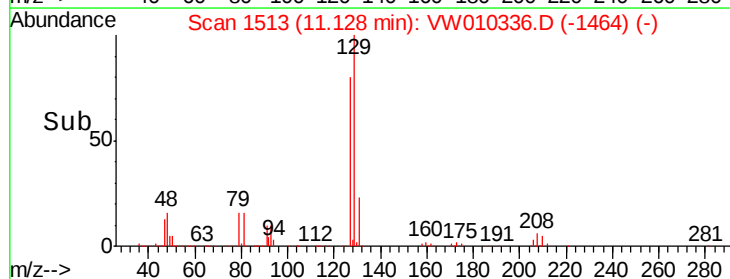
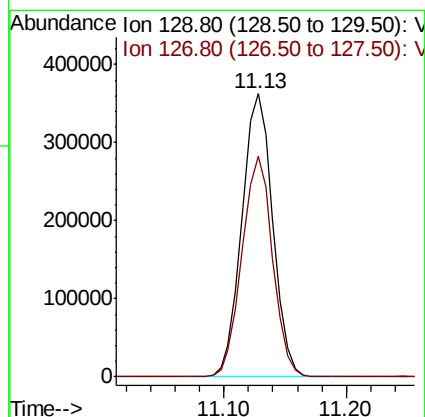
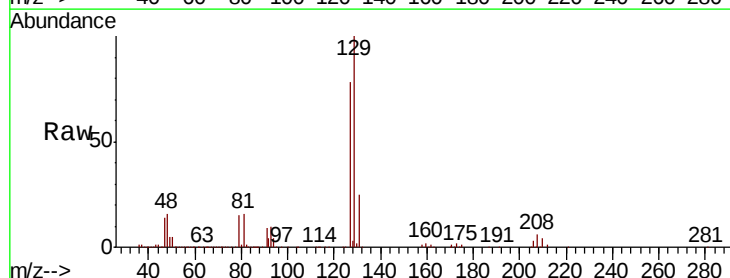
Acq: 09 May 2019 14:26

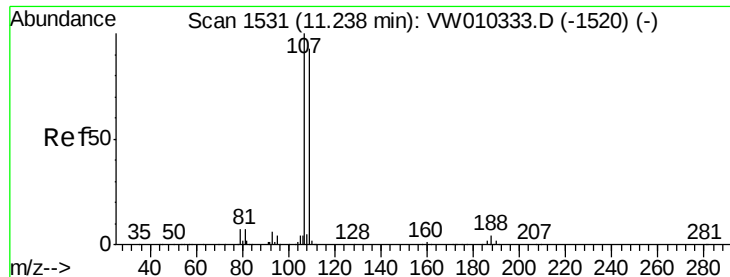
Tgt Ion: 129 Resp: 634664

Ion Ratio Lower Upper

129 100

127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.092 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

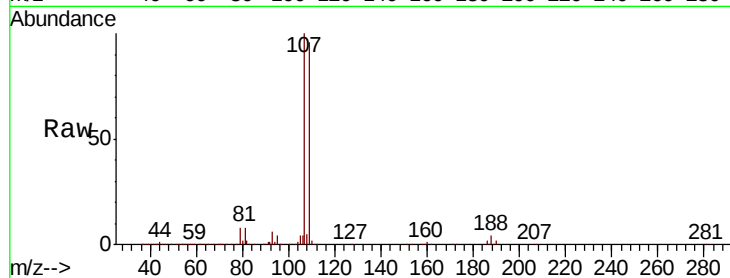
ClientSampleId :

Tot Ion:107 Resp: 559994

Ion Ratio Lower Upper

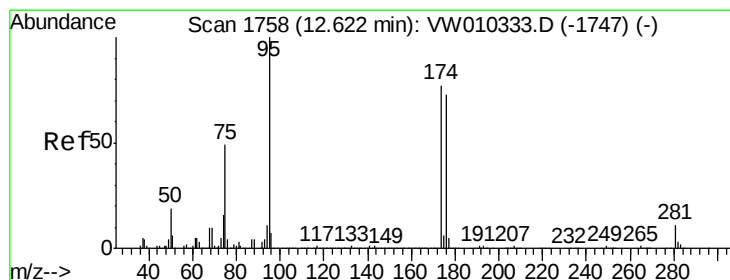
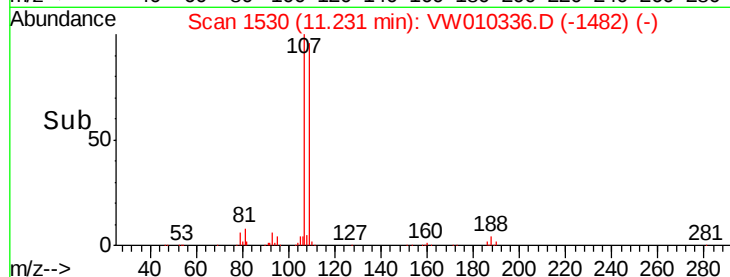
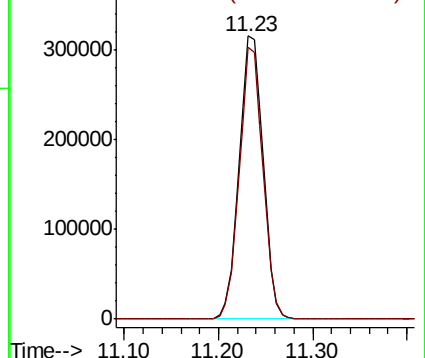
107 100

109 94.2 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.021 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

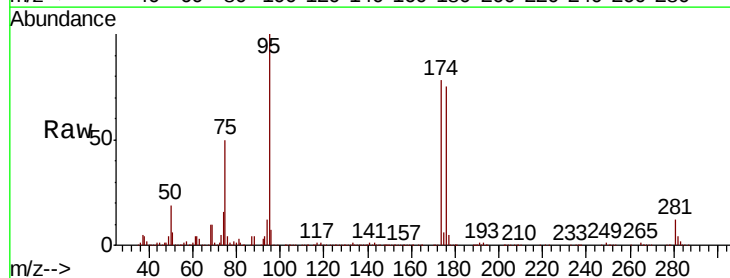
Tgt Ion: 95 Resp: 902222

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.4

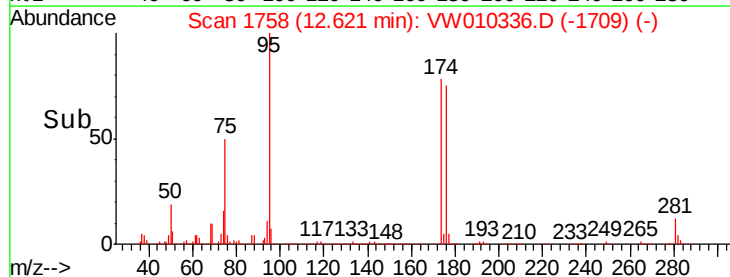
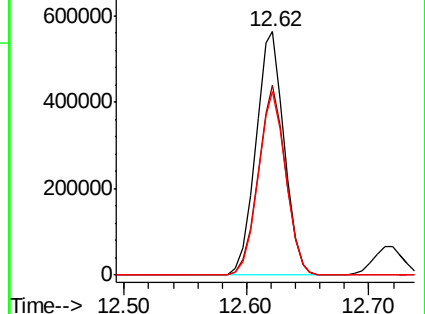
176 73.8 0.0 146.2

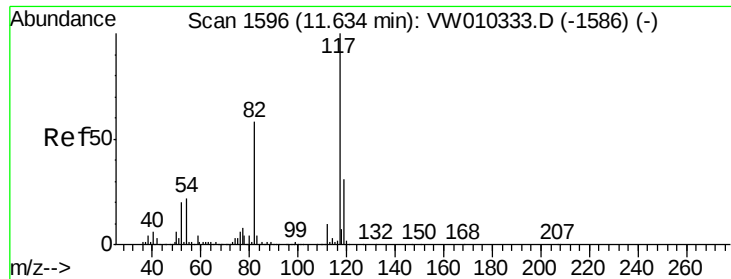


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

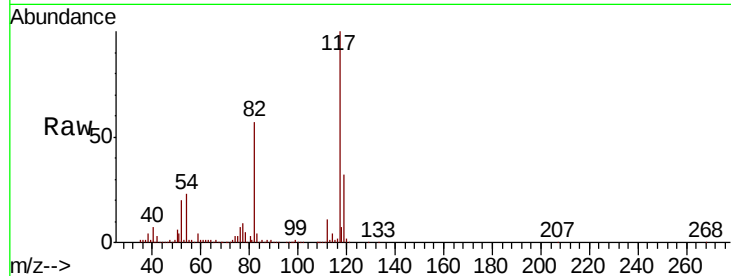




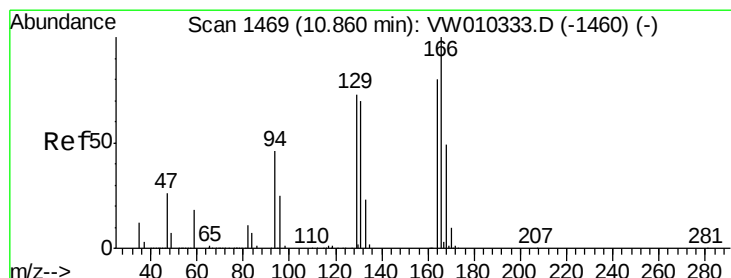
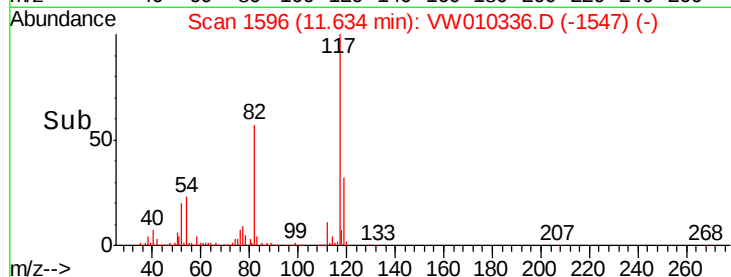
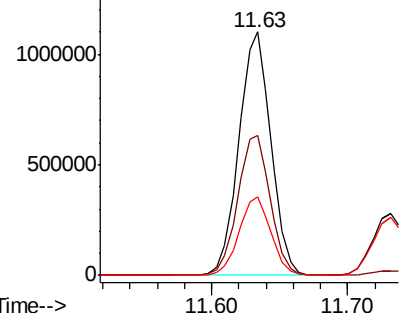
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 1817054
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.2 25.4 38.2

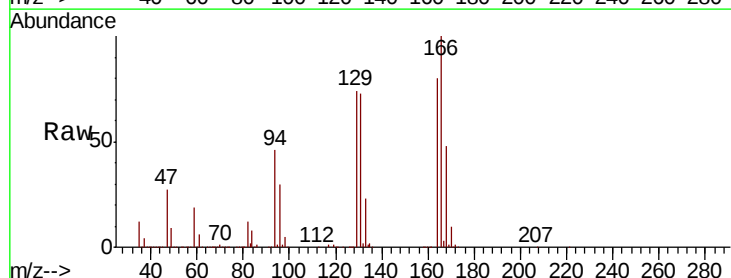


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

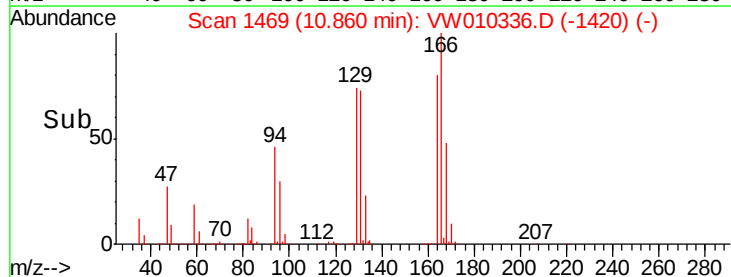
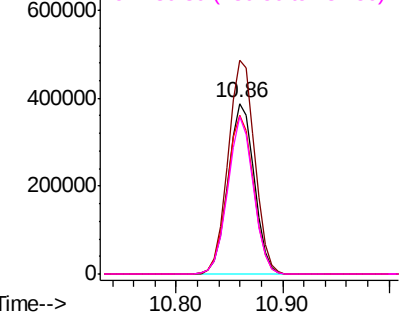


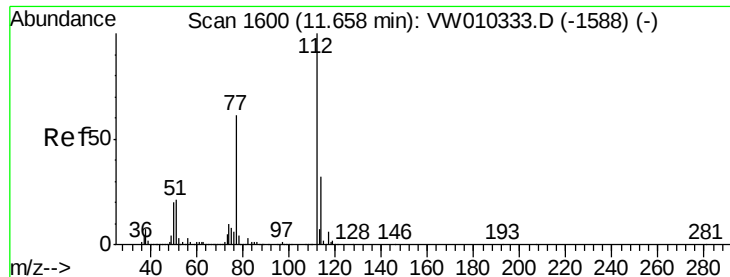
#64
Tetrachloroethene
Concen: 52.750 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion:164 Resp: 669923
Ion Ratio Lower Upper
164 100
166 125.3 101.2 151.8
129 93.1 77.8 116.6
131 92.1 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

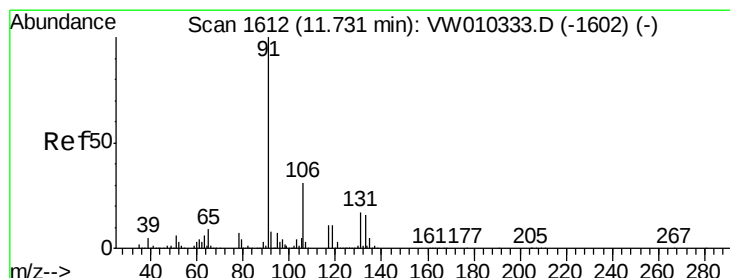
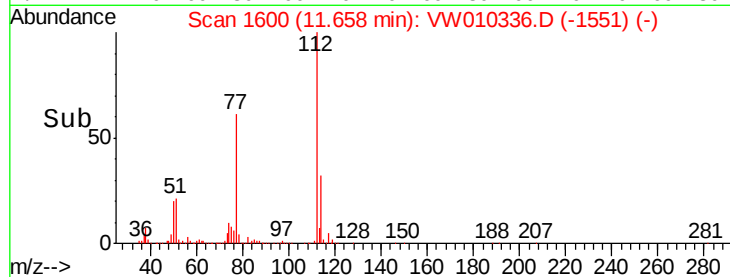
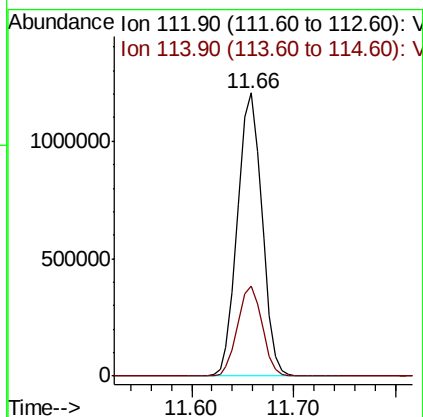
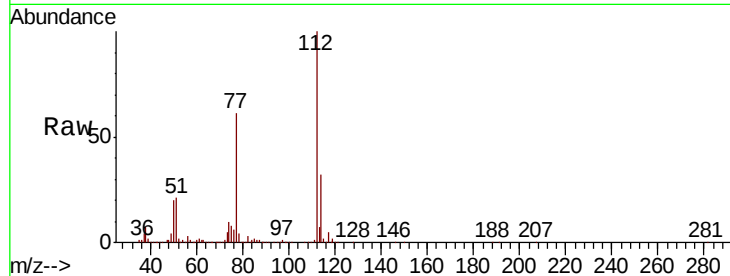




#65
Chlorobenzene
Concen: 53.189 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

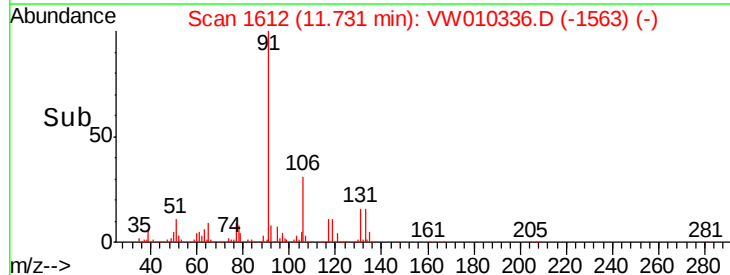
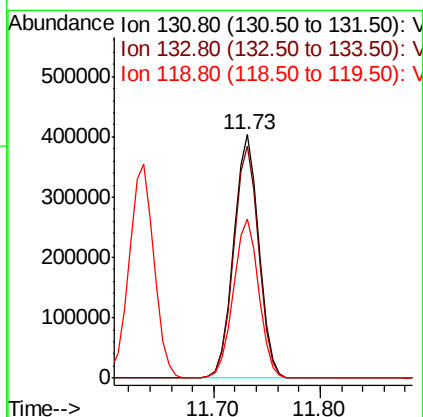
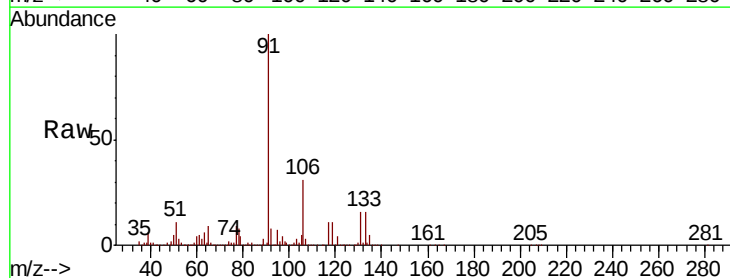
Instrument :
MSVOA_W
ClientSampleId :

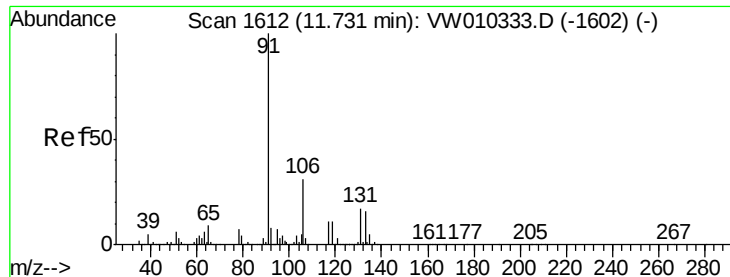
Tot Ion:112 Resp: 2000651
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.706 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion:131 Resp: 670055
Ion Ratio Lower Upper
131 100
133 95.1 46.5 139.5
119 65.7 31.9 95.5

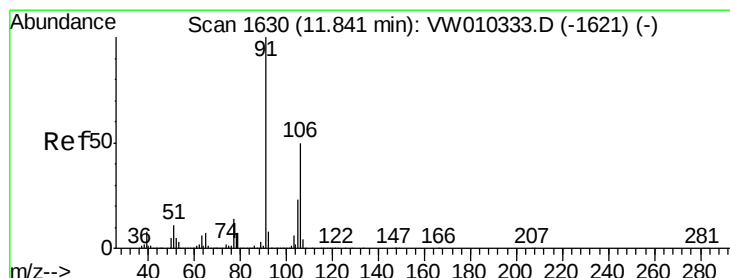
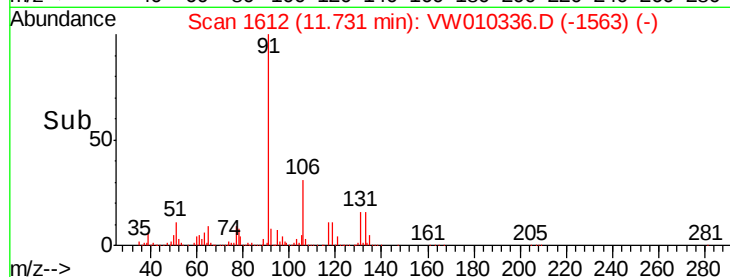
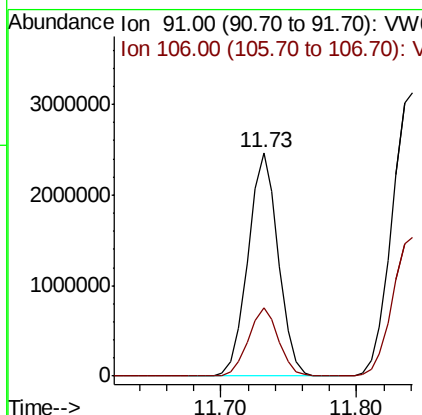
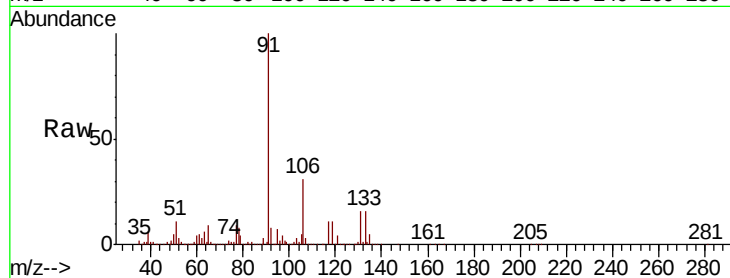




#67
Ethyl Benzene
Concen: 55.411 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

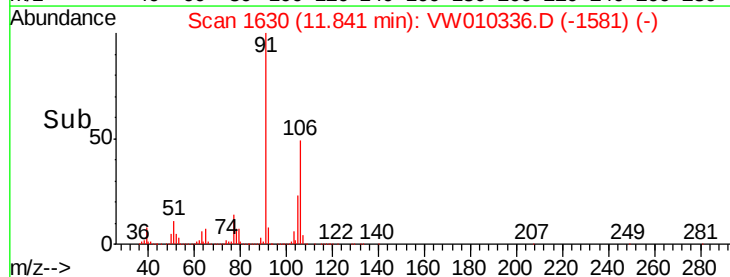
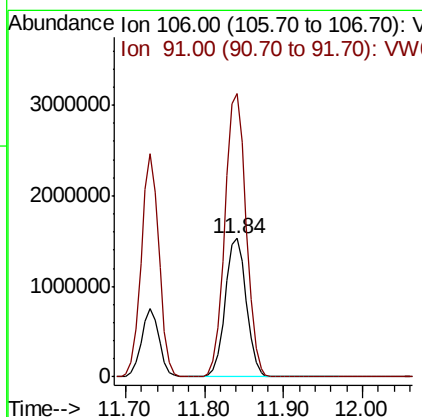
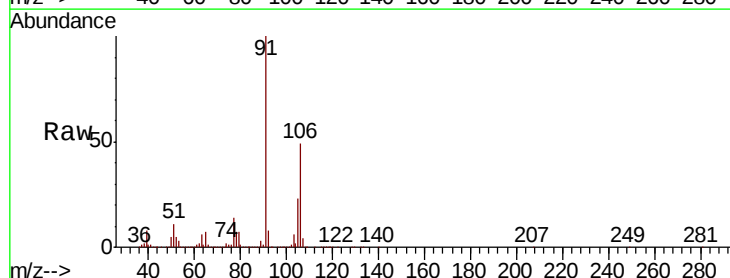
Instrument :
MSVOA_W
ClientSampleId :

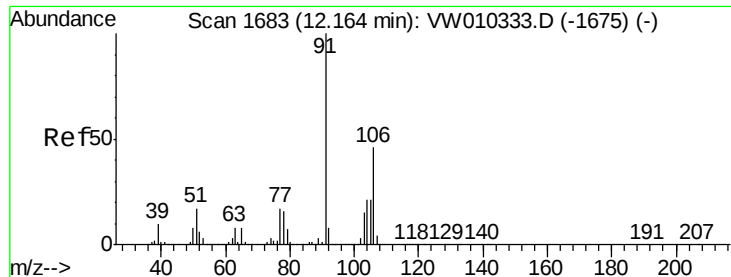
Tot Ion: 91 Resp: 3834187
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8



#68
m/p-Xylenes
Concen: 110.436 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion:106 Resp: 2839214
Ion Ratio Lower Upper
106 100
91 205.7 165.0 247.6

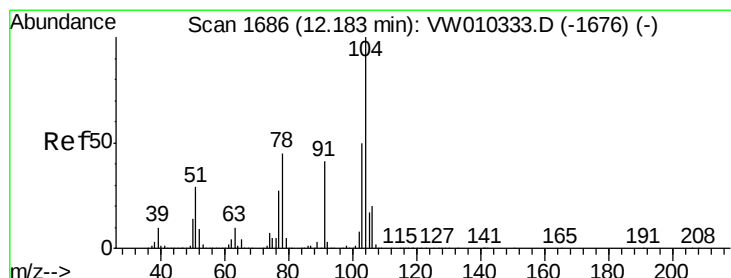
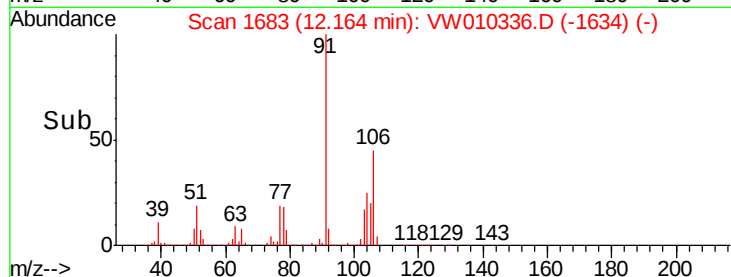
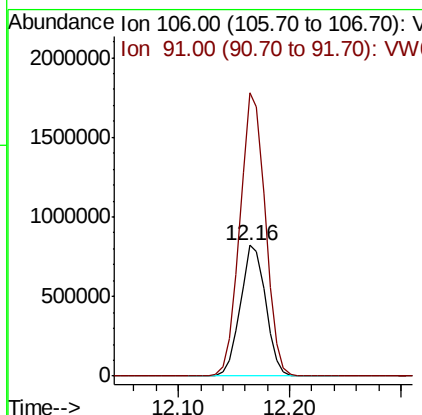
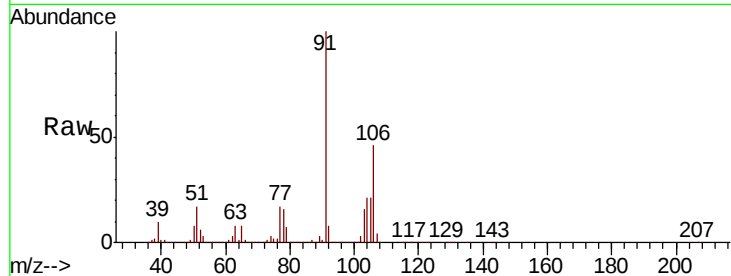




#69
o-Xylene
Concen: 55.624 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

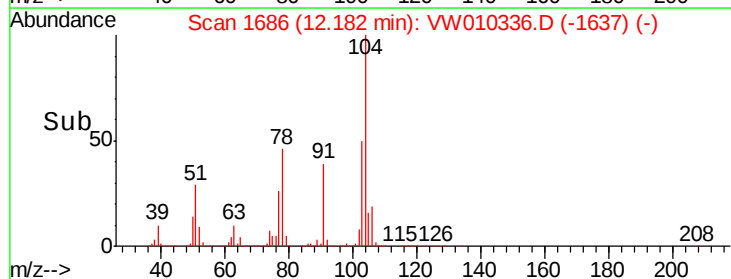
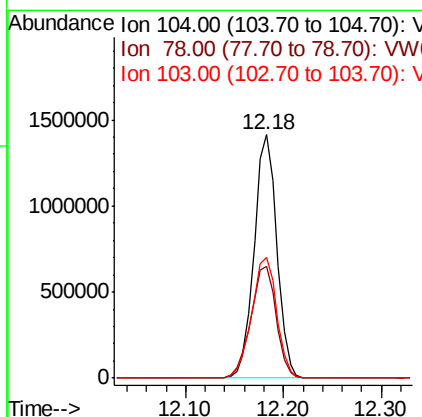
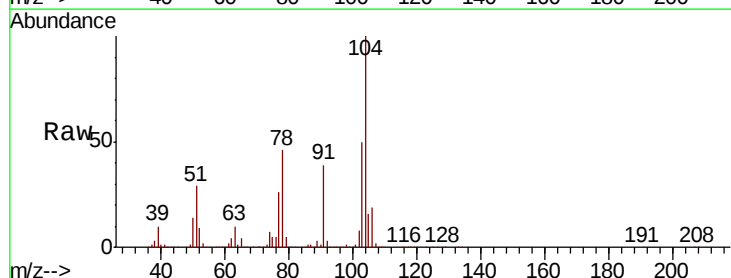
Instrument :
MSVOA_W
ClientSampled :

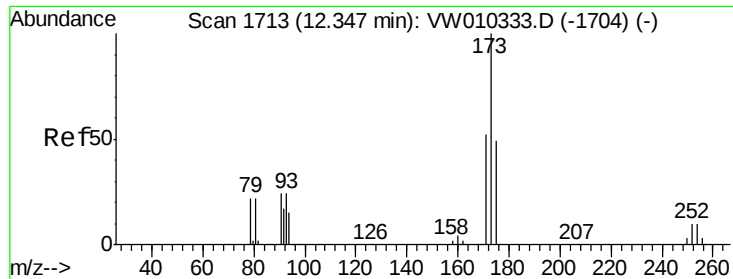
Tot Ion:106 Resp: 1293616
Ion Ratio Lower Upper
106 100
91 217.2 110.5 331.4



#70
Styrene
Concen: 56.231 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010336.D
Acq: 09 May 2019 14:26

Tgt Ion:104 Resp: 2278635
Ion Ratio Lower Upper
104 100
78 51.0 42.5 63.7
103 54.5 43.6 65.4





#71

Bromoform

Concen: 53.431 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

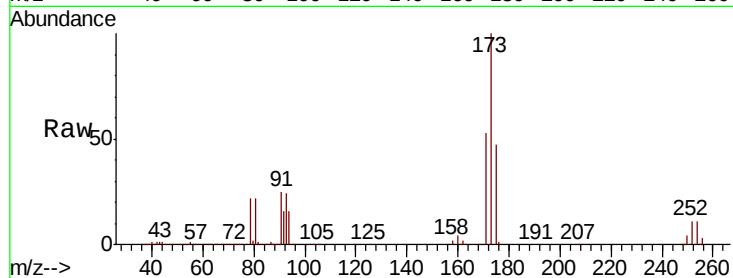
Tot Ion:173 Resp: 388299

Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.4

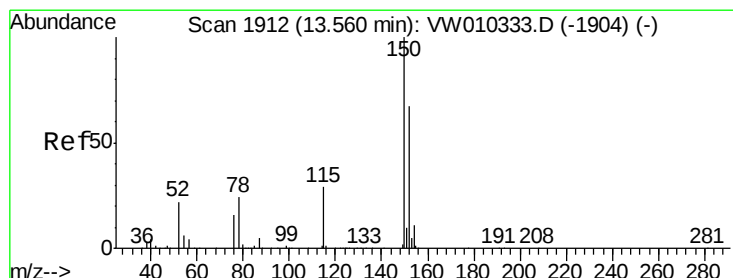
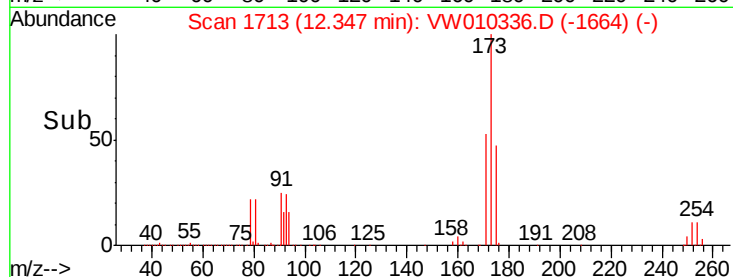
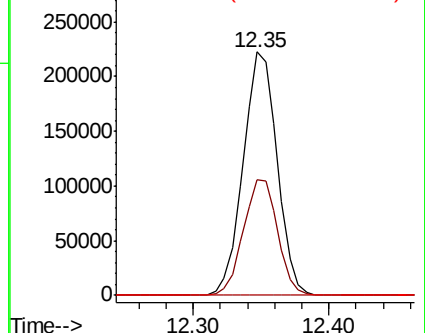
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

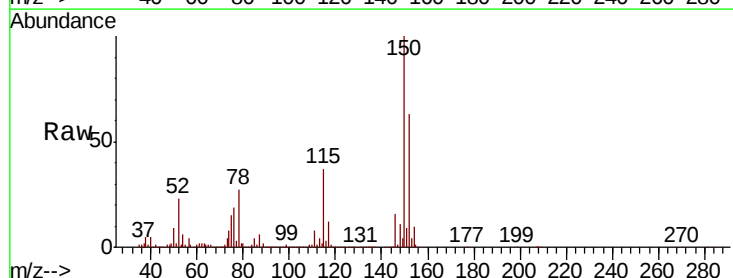
Tgt Ion:152 Resp: 889257

Ion Ratio Lower Upper

152 100

115 58.8 30.4 91.2

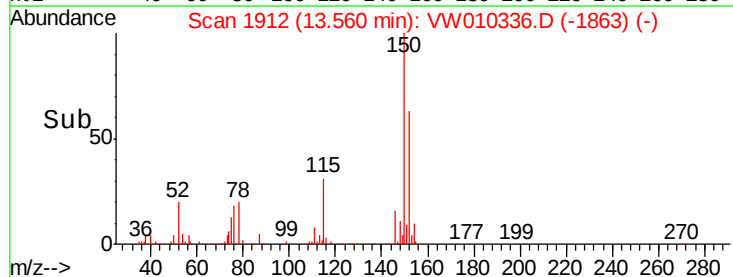
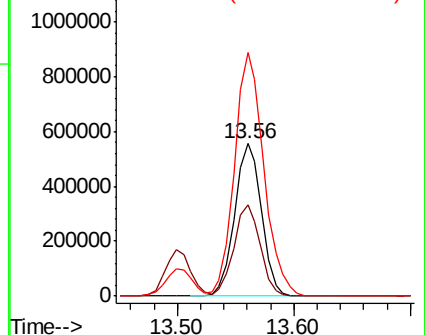
150 174.5 0.0 347.0

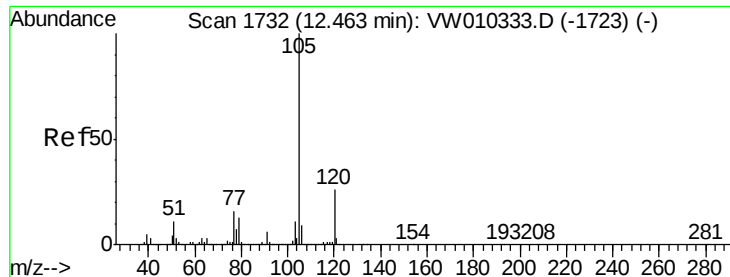


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.869 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

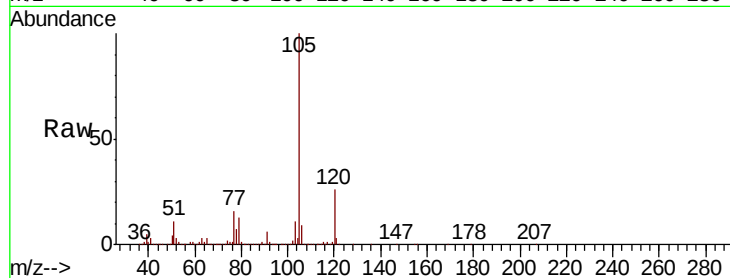
ClientSampleId :

Tot Ion:105 Resp: 3686143

Ion Ratio Lower Upper

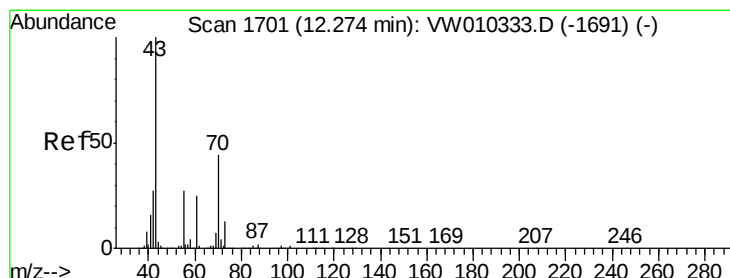
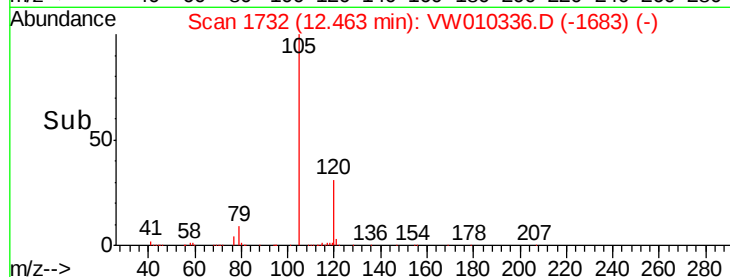
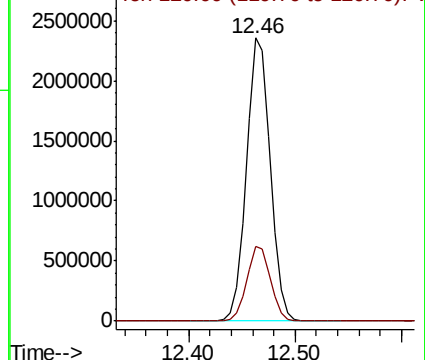
105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.449 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion: 43 Resp: 945280

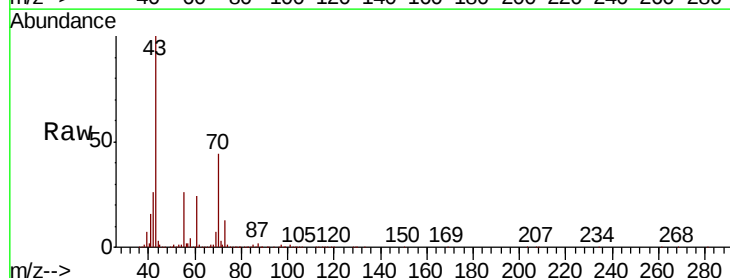
Ion Ratio Lower Upper

43 100

70 43.8 31.3 46.9

55 26.4 20.0 30.0

61 24.3 17.8 26.8

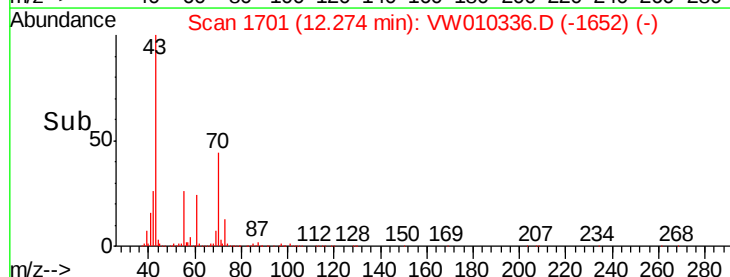
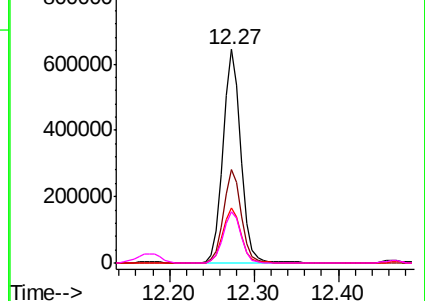


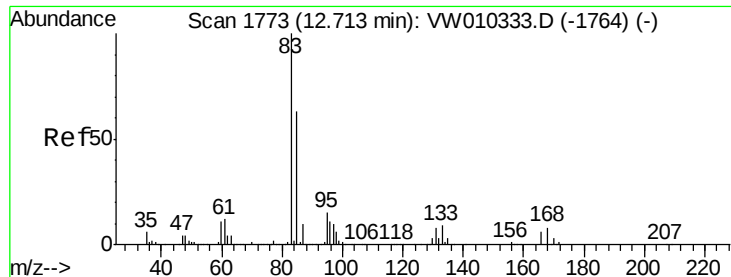
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.284 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

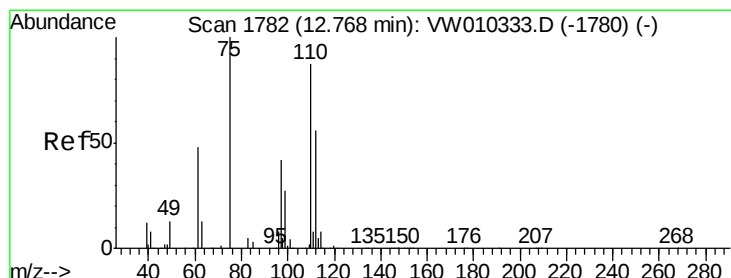
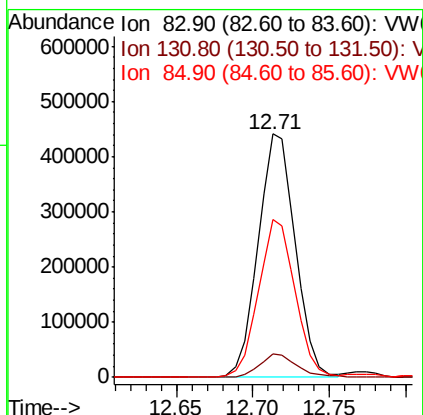
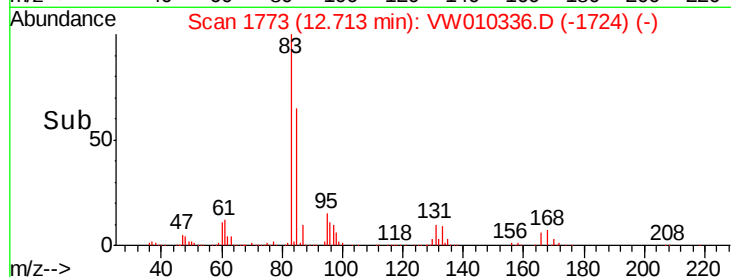
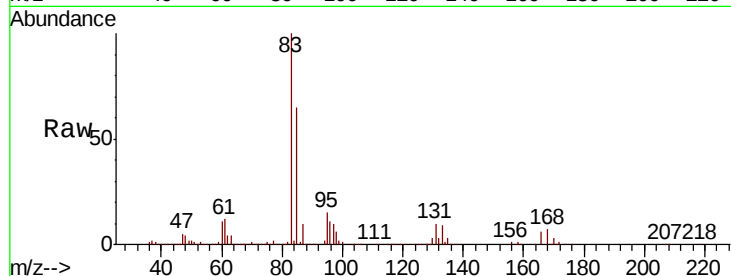
Tot Ion: 83 Resp: 746702

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 94.624 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010336.D

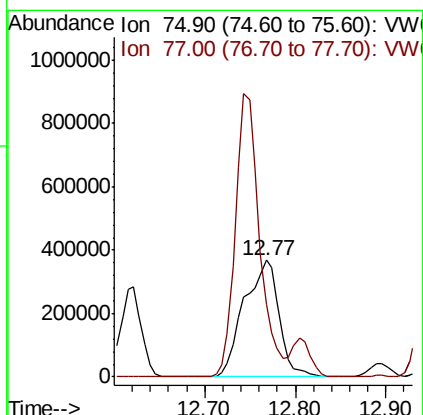
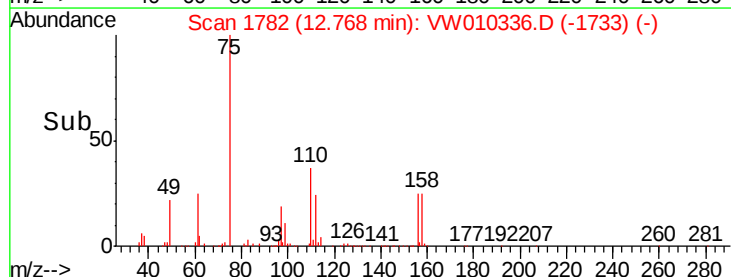
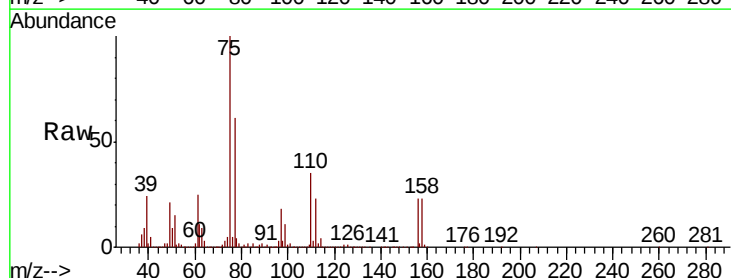
Acq: 09 May 2019 14:26

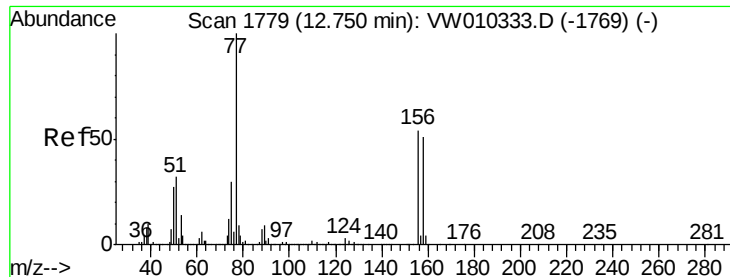
Tgt Ion: 75 Resp: 981064

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.003 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

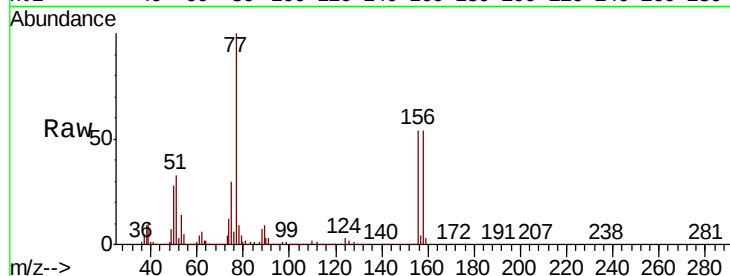
Tot Ion:156 Resp: 790362

Ion Ratio Lower Upper

156 100

77 209.0 102.5 307.4

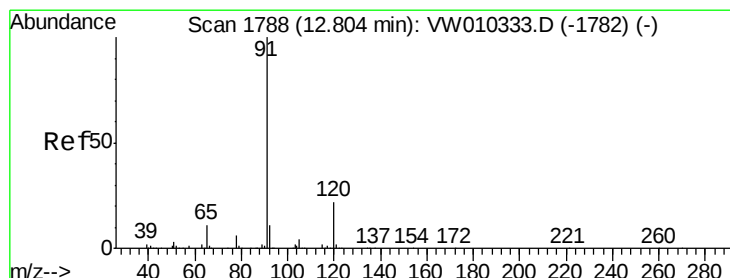
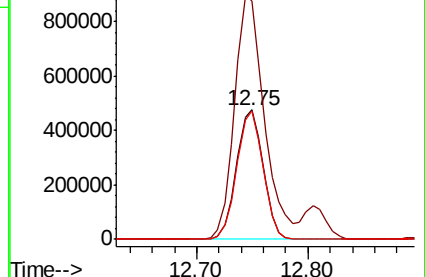
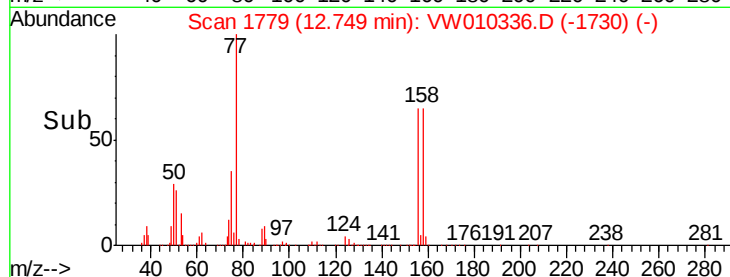
158 97.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.840 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010336.D

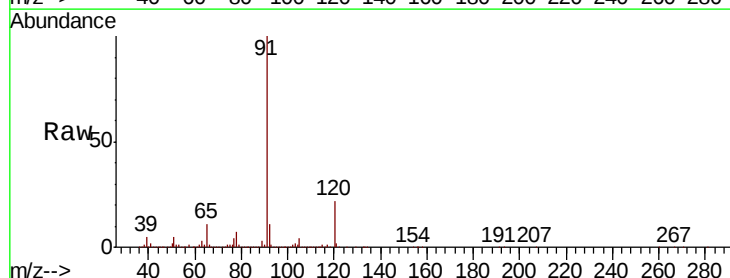
Acq: 09 May 2019 14:26

Tgt Ion: 91 Resp: 4550371

Ion Ratio Lower Upper

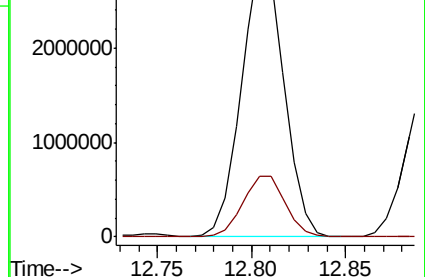
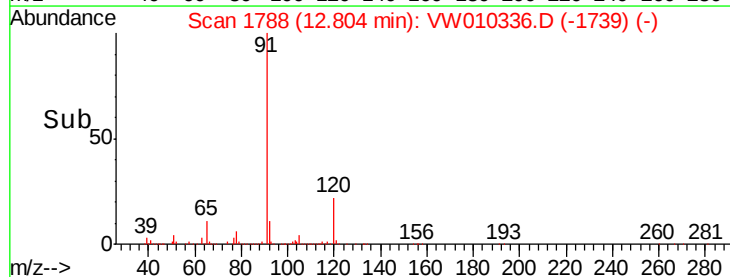
91 100

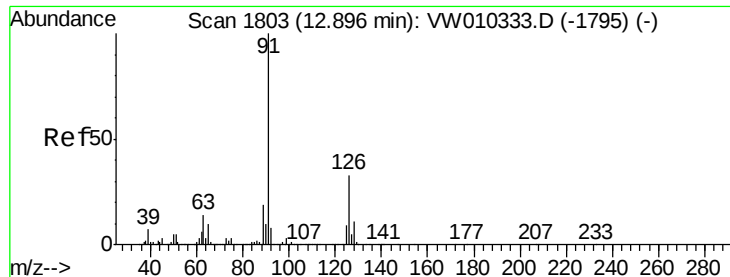
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.332 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

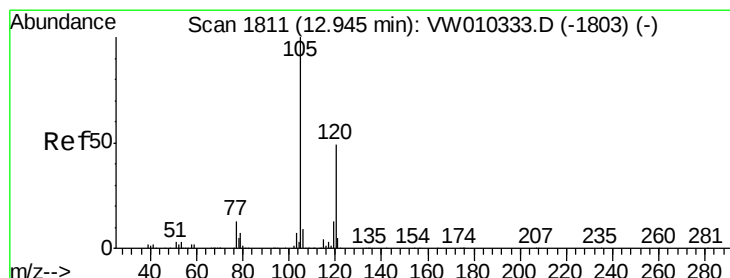
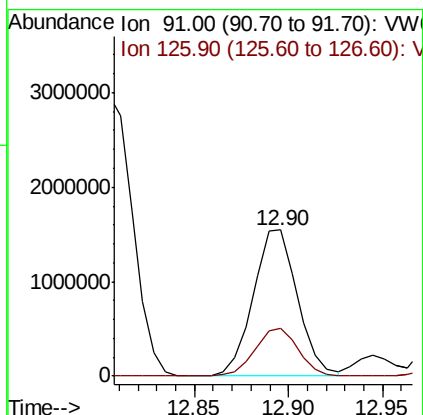
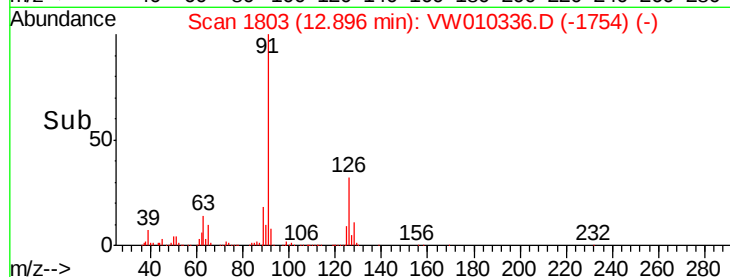
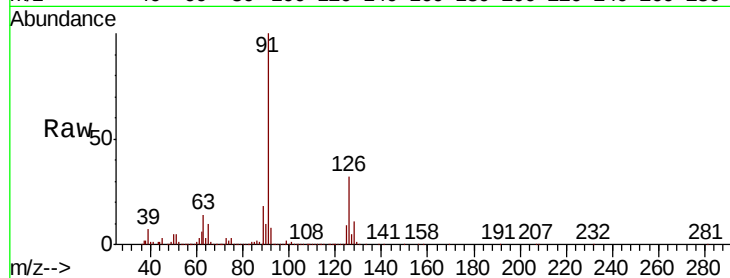
ClientSampleId :

Tot Ion: 91 Resp: 2522624

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 56.081 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010336.D

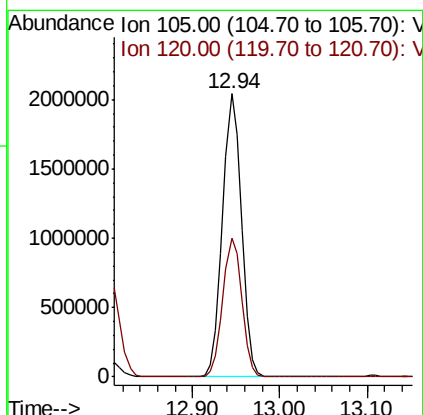
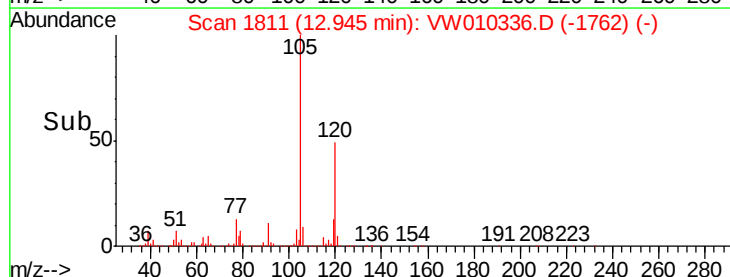
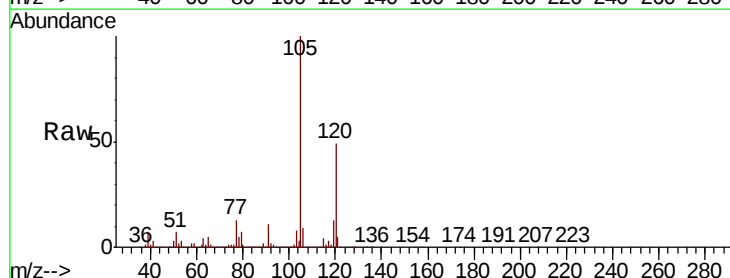
Acq: 09 May 2019 14:26

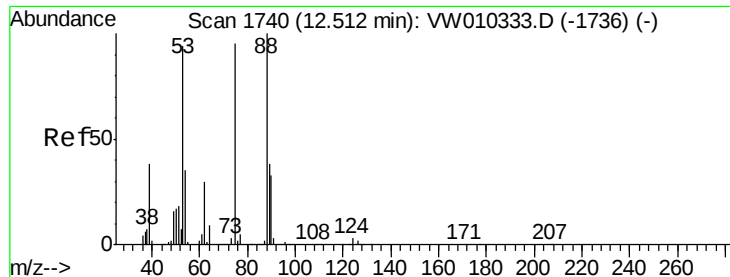
Tgt Ion:105 Resp: 3064540

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.140 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

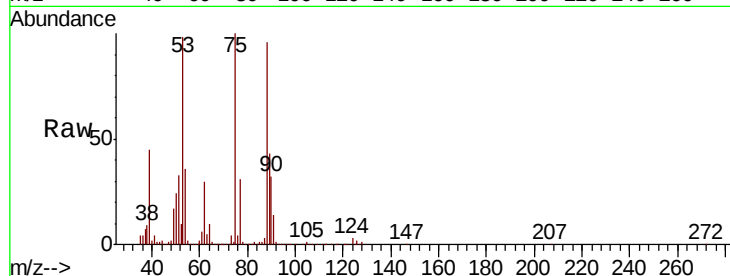
Tot Ion: 75 Resp: 257742

Ion	Ratio	Lower	Upper
75	100		
53	99.8	89.8	134.8
89	44.3	36.6	54.8

75 100

53 99.8 89.8 134.8

89 44.3 36.6 54.8

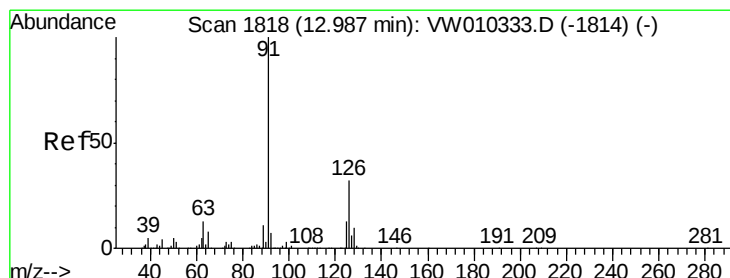
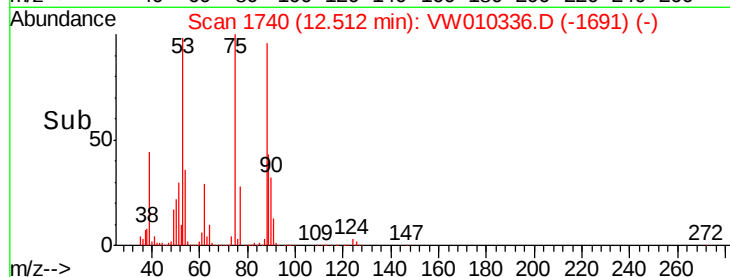
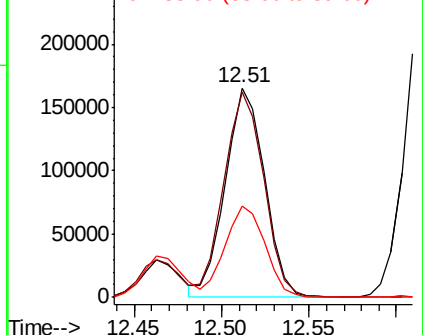


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 54.630 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW010336.D

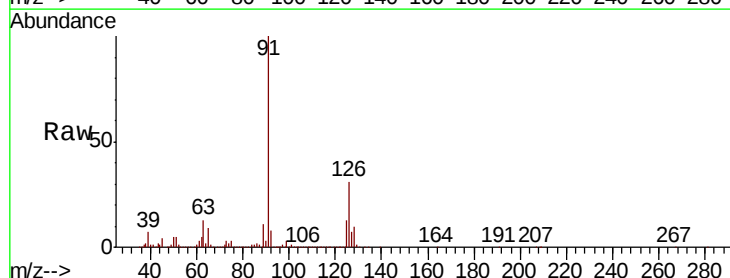
Acq: 09 May 2019 14:26

Tgt Ion: 91 Resp: 2609544

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1

91 100

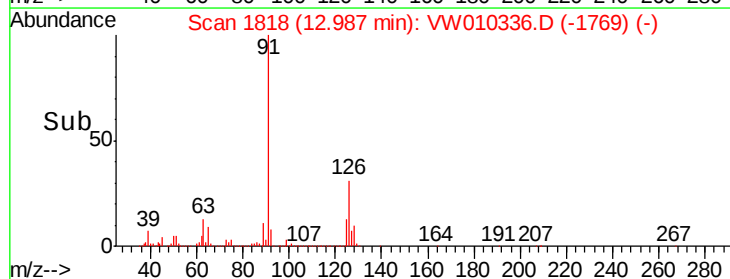
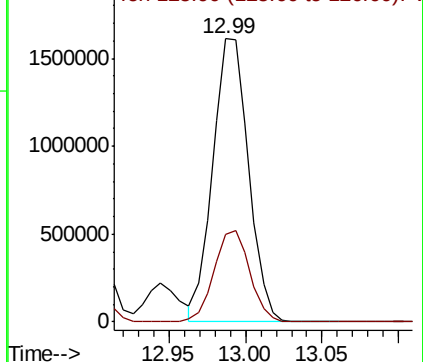
126 32.2 16.4 49.1

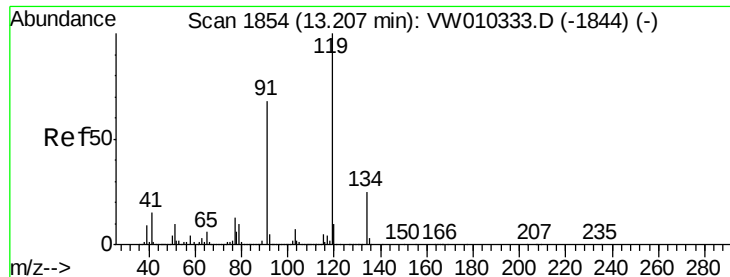


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 56.288 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

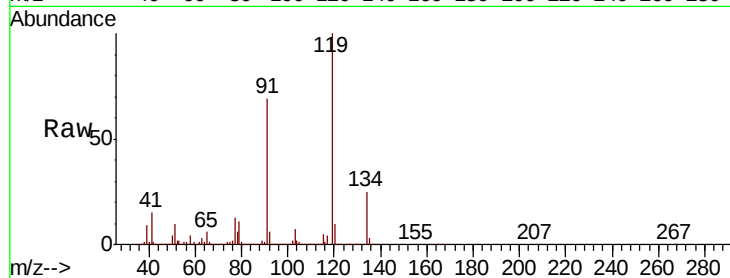
Tot Ion:119 Resp: 2565535

Ion Ratio Lower Upper

119 100

91 68.3 34.8 104.4

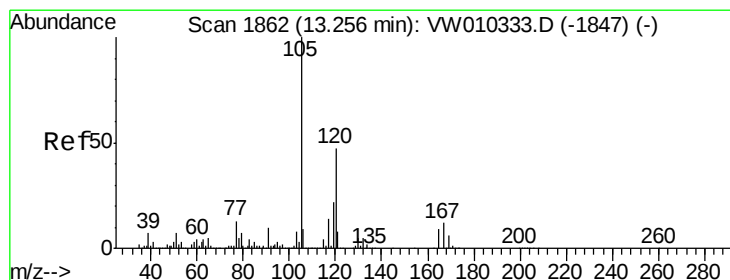
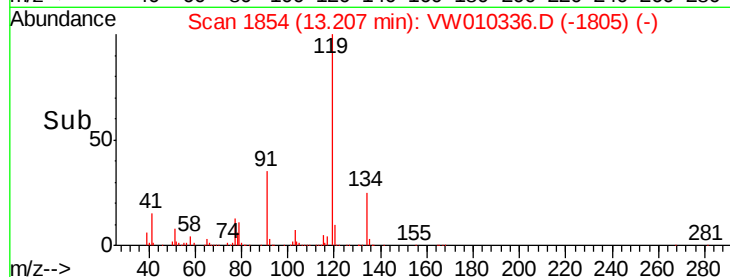
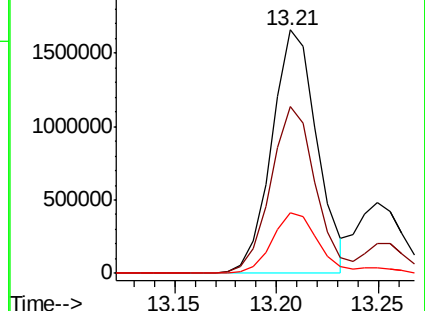
134 27.0 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.436 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010336.D

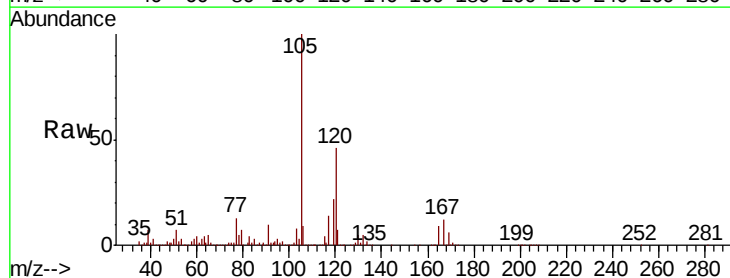
Acq: 09 May 2019 14:26

Tgt Ion:105 Resp: 3064549

Ion Ratio Lower Upper

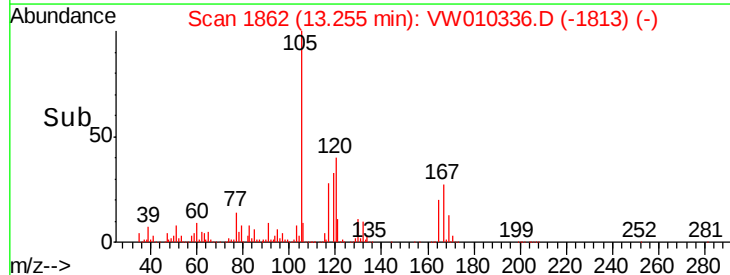
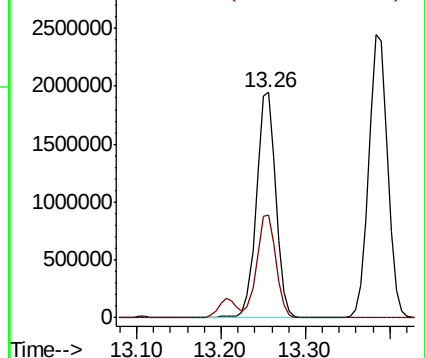
105 100

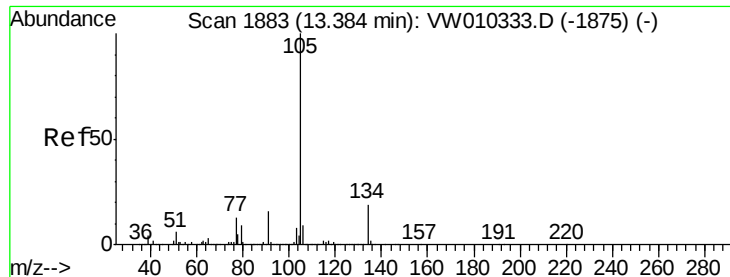
120 45.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

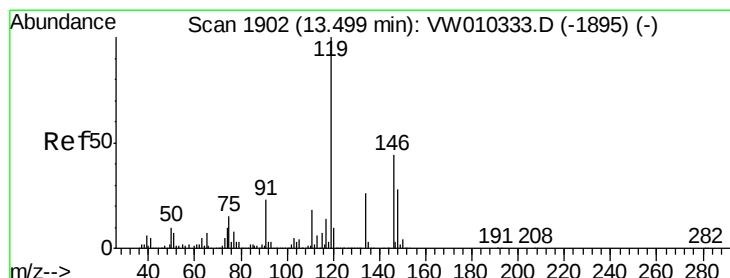
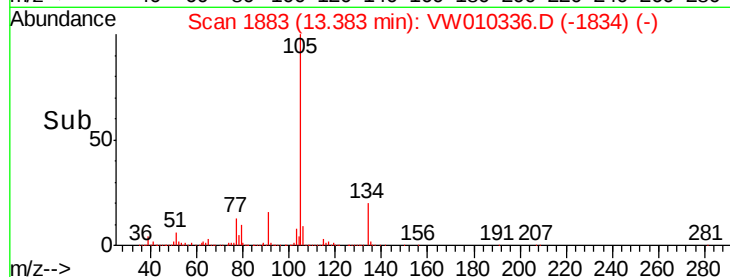
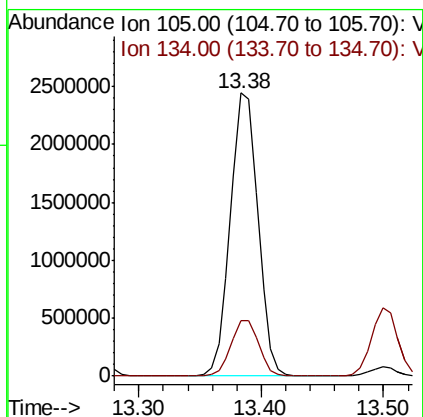
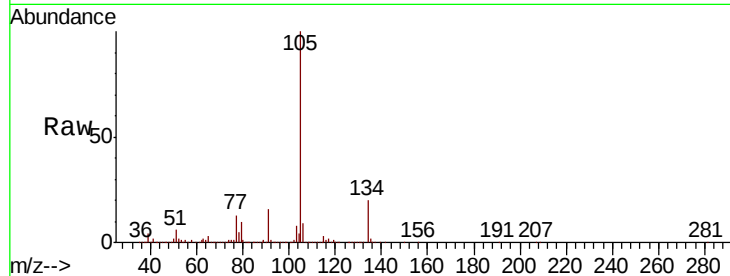




#85
 sec-Butylbenzene
 Concen: 56.563 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

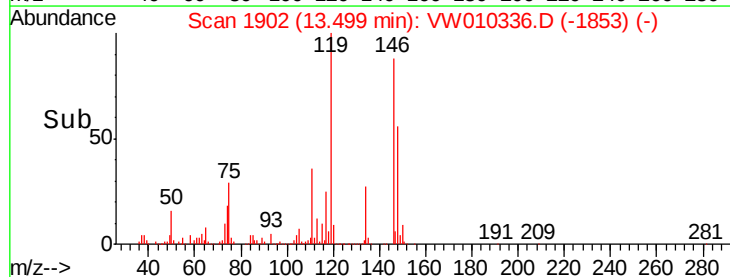
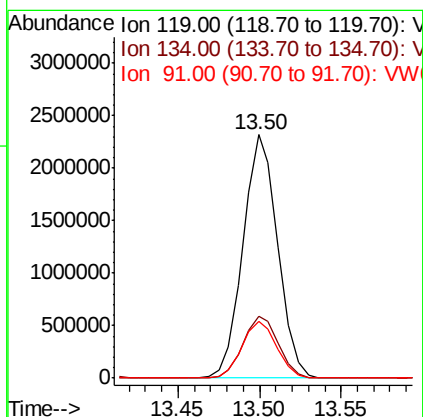
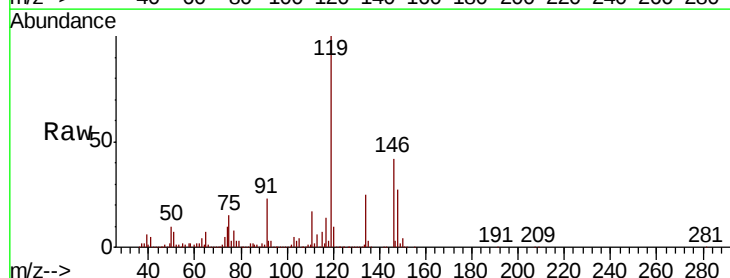
Instrument :
 MSVOA_W
 ClientSampled :

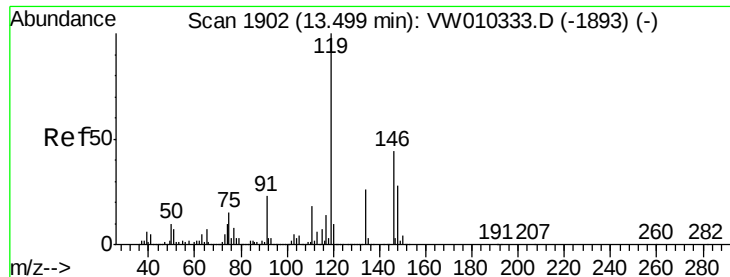
Tot Ion:105 Resp: 3805828
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 57.306 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion:119 Resp: 3423479
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 53.559 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

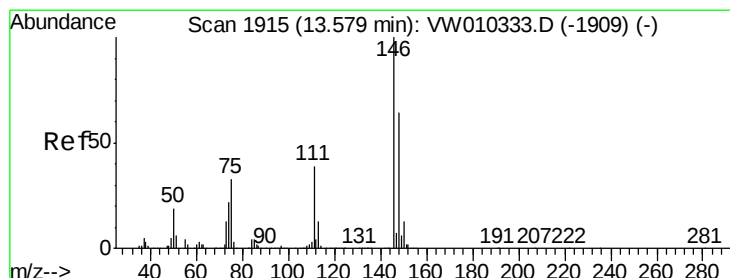
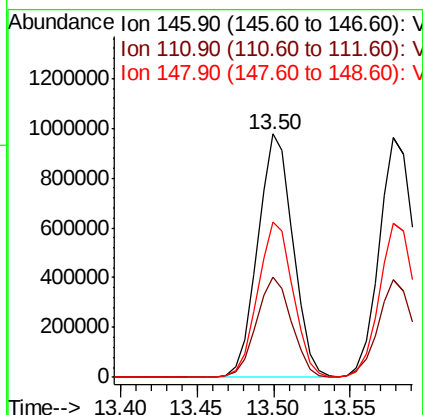
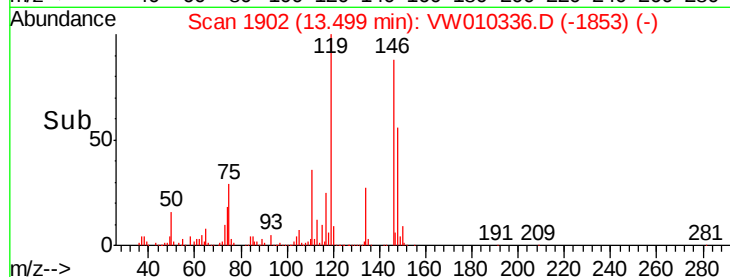
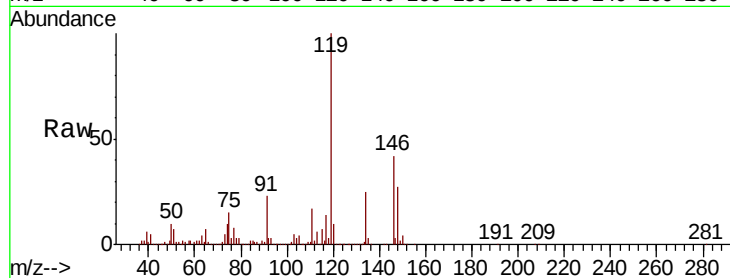
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 1565267

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.8	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 52.675 ug/l

RT: 13.58 min Scan# 1915

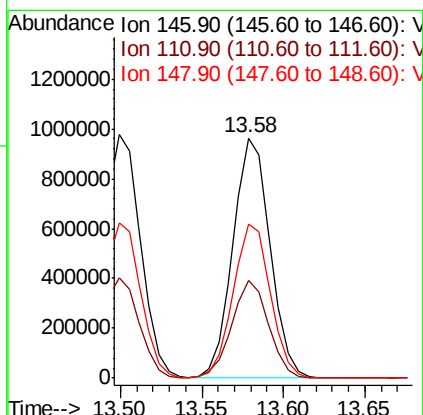
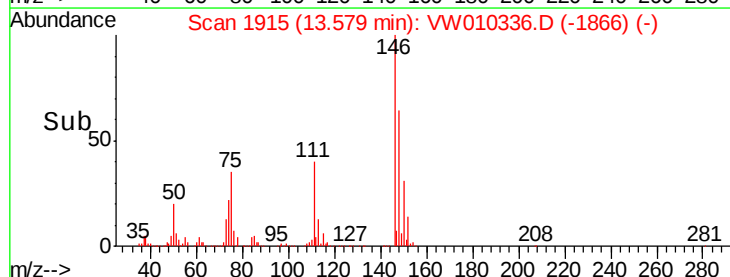
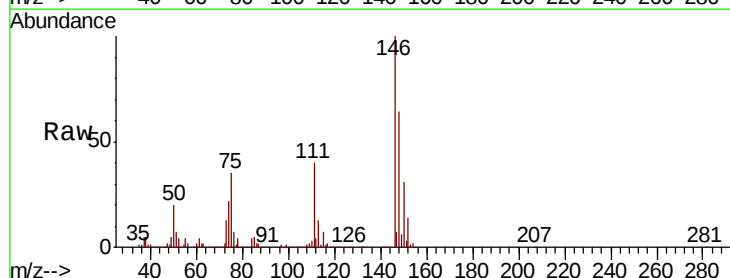
Delta R.T. -0.00 min

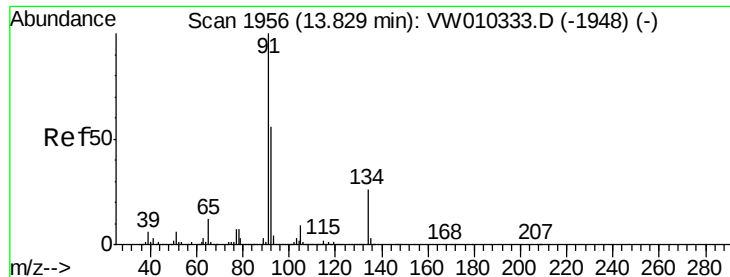
Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion:146 Resp: 1527710

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	64.3	31.8	95.3





#89

n-Butylbenzene

Concen: 57.235 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

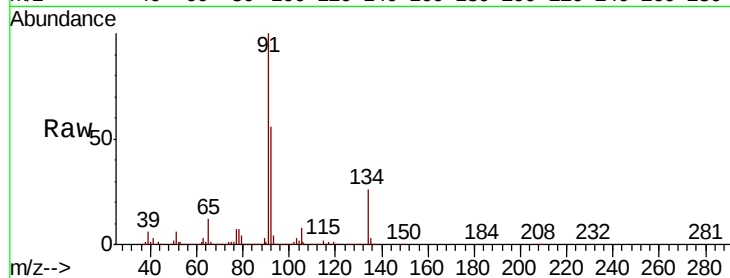
Tot Ion: 91 Resp: 3428456

Ion Ratio Lower Upper

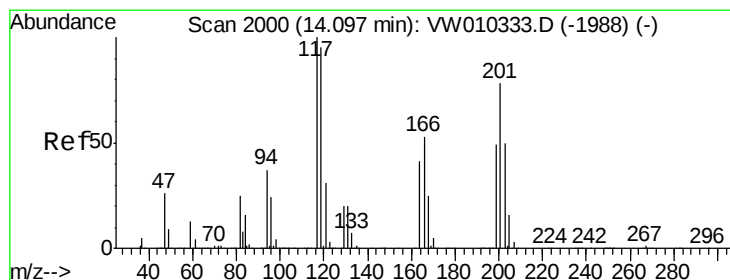
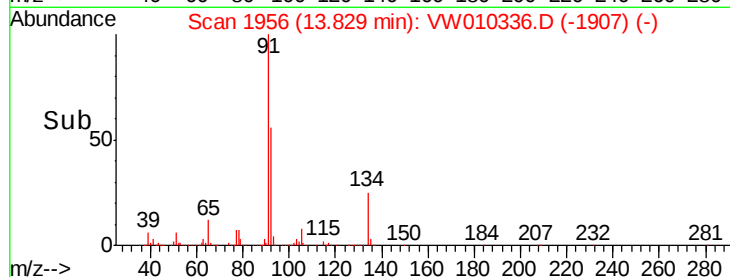
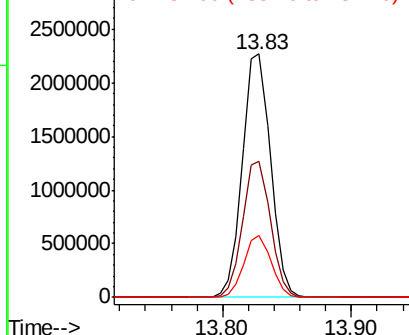
91 100

92 55.3 26.5 79.4

134 24.7 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: 53.441 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010336.D

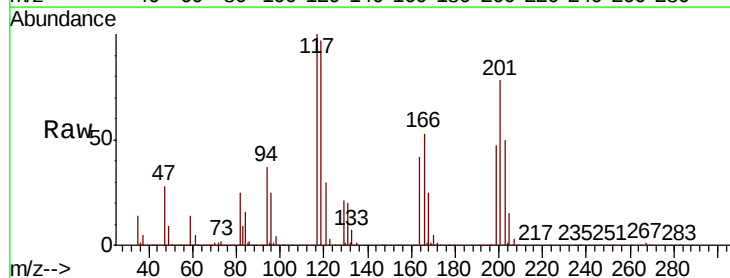
Acq: 09 May 2019 14:26

Tgt Ion: 117 Resp: 592150

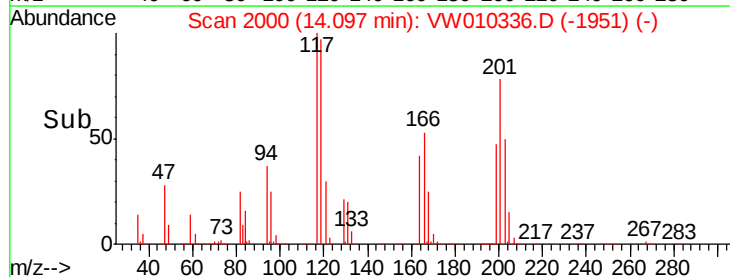
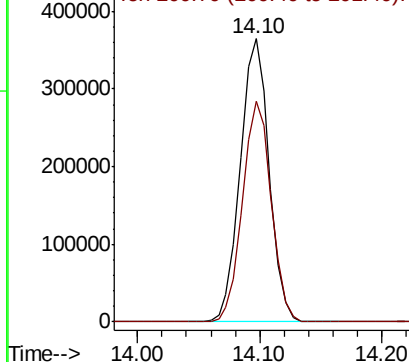
Ion Ratio Lower Upper

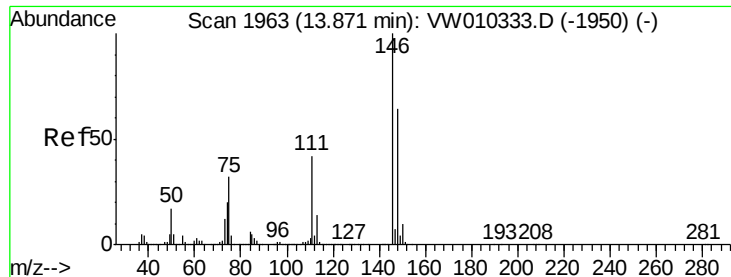
117 100

201 78.2 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: 53.007 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

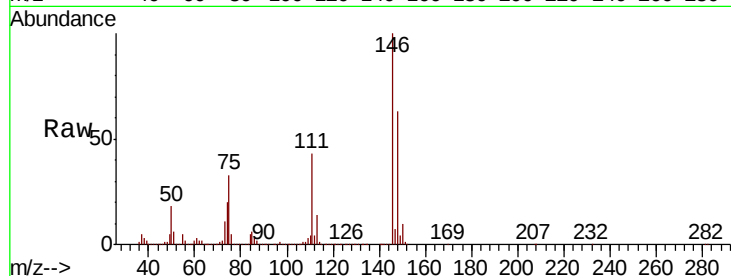
Tot Ion:146 Resp: 1371320

Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.8

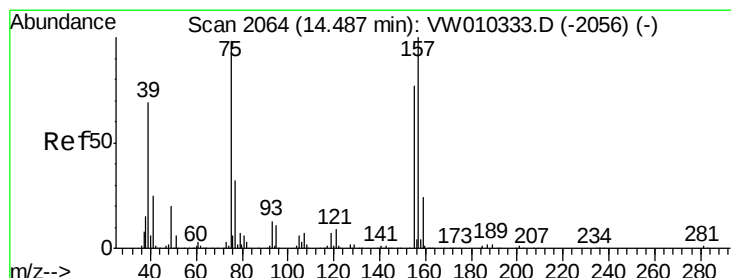
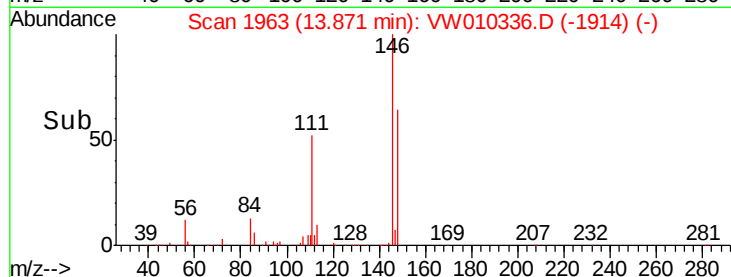
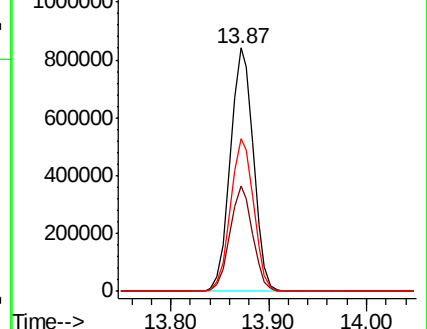
148 63.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.607 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

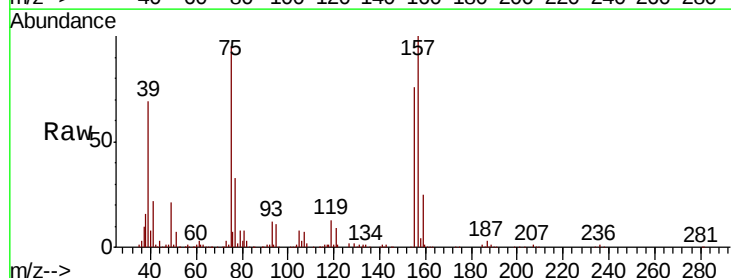
Tgt Ion: 75 Resp: 132723

Ion Ratio Lower Upper

75 100

155 79.6 37.1 111.5

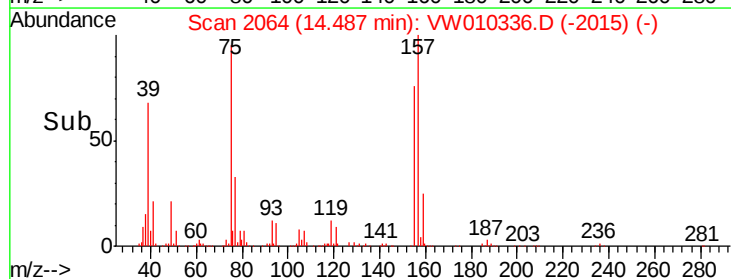
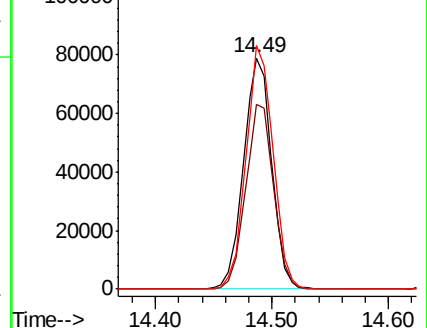
157 101.9 47.3 141.9

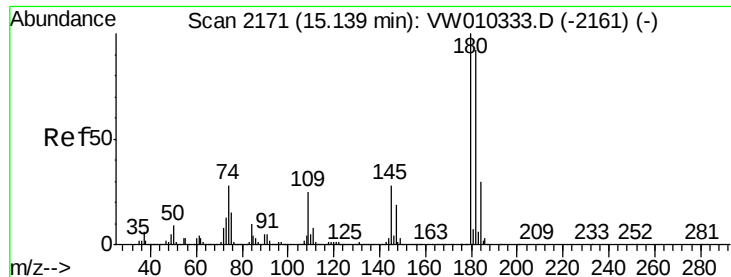


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

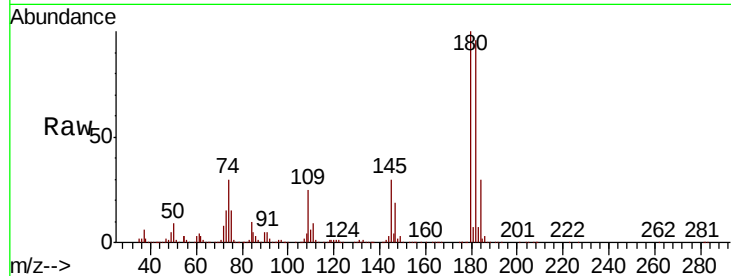




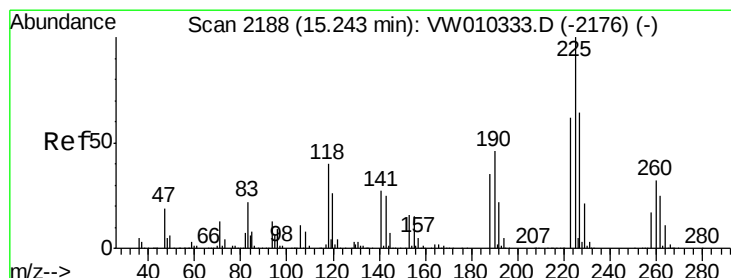
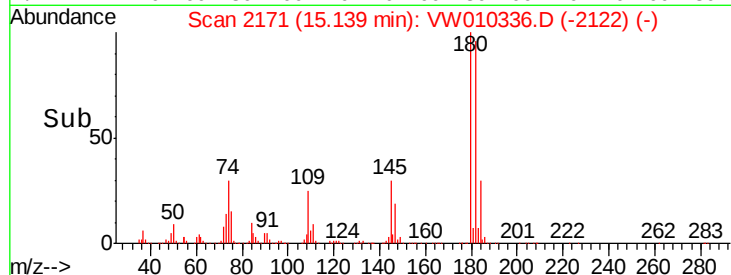
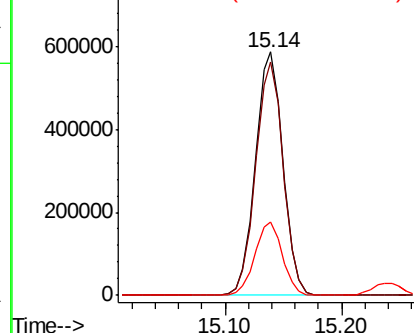
#93
 1,2,4-Trichlorobenzene
 Concen: 54.852 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.4
145	30.2	15.2	45.6

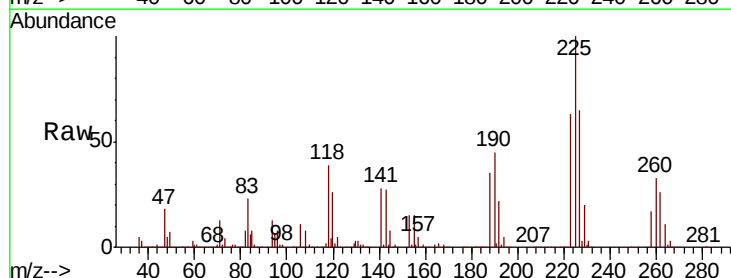


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

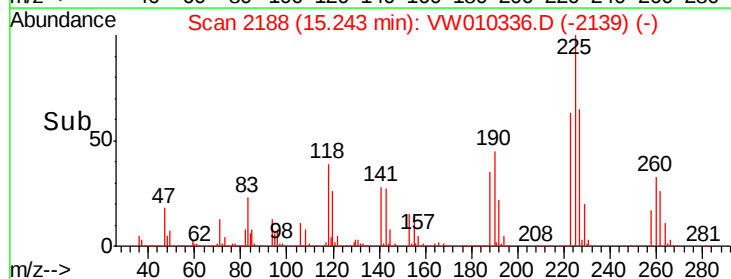
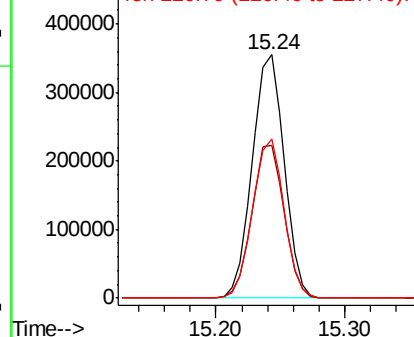


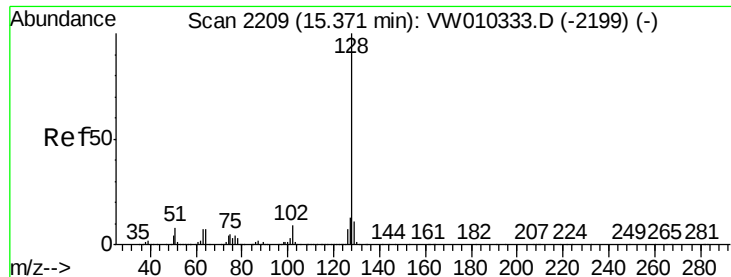
#94
 Hexachlorobutadiene
 Concen: 53.533 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010336.D
 Acq: 09 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.5
227	64.2	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.783 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

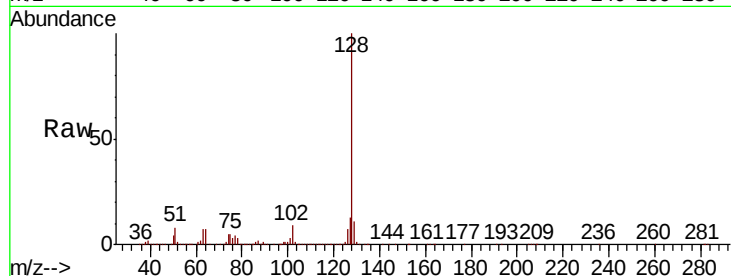
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 2050793

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

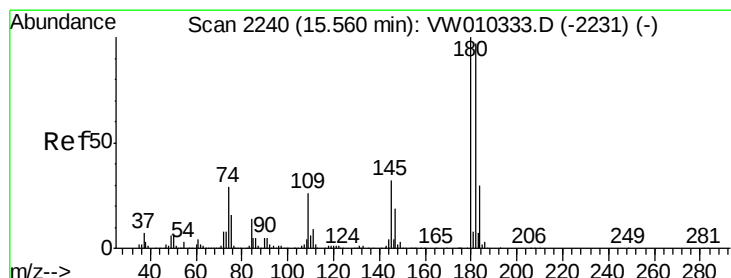
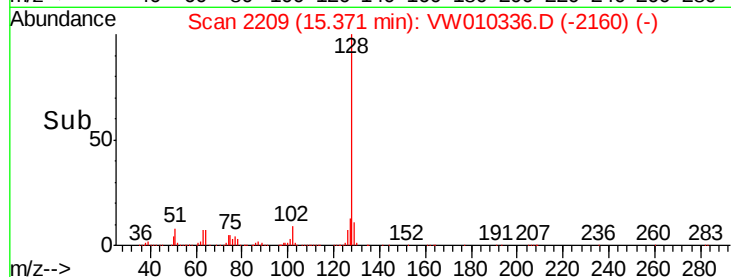
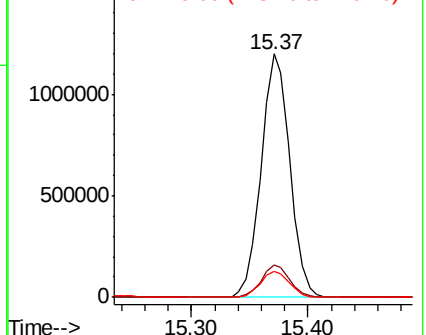


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.210 ug/l

RT: 15.56 min Scan# 2240

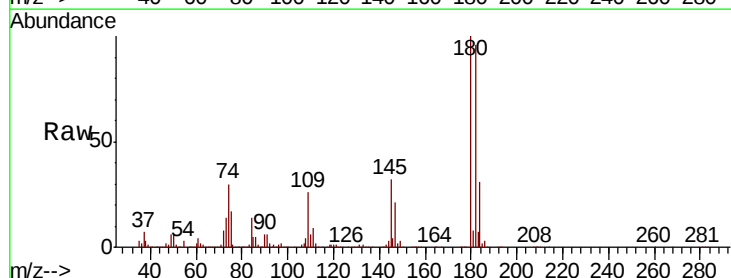
Delta R.T. -0.00 min

Lab File: VW010336.D

Acq: 09 May 2019 14:26

Tgt Ion:180 Resp: 864676

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	31.7	16.4	49.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

