

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010339.D
 Acq On : 09 May 2019 16:24
 Operator : SY/VA
 Sample : K2241-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:21:52 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	1265785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2058278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1821926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	898066	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	749207	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
35) Dibromofluoromethane	7.88	113	637516	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.32	98	2611827	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	899204	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	54809	6.009	ug/l	100
3) Chloromethane	2.21	50	62012	4.786	ug/l	97
4) Vinyl Chloride	2.36	62	74158	4.605	ug/l	98
5) Bromomethane	2.78	94	44232	4.763	ug/l	95
6) Chloroethane	2.92	64	39272	4.217	ug/l	95
7) Trichlorofluoromethane	3.25	101	34290	4.254	ug/l	95
8) Diethyl Ether	3.67	74	30615	4.320	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53406	4.043	ug/l	97
10) Methyl Iodide	4.26	142	80521	4.305	ug/l	94
11) Tert butyl alcohol	5.17	59	21285	22.397	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	60582	4.389	ug/l	92
13) Acrolein	3.89	56	27973	22.294	ug/l #	75
14) Allyl chloride	4.66	41	85796	4.164	ug/l	91
15) Acrylonitrile	5.37	53	83812	21.337	ug/l	97
16) Acetone	4.11	43	105107	29.961	ug/l	97
17) Carbon Disulfide	4.37	76	177739	4.258	ug/l	97
18) Methyl Acetate	4.67	43	38414	4.421	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	67625	4.116	ug/l	97
20) Methylene Chloride	4.92	84	76086	5.200	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	62467	4.204	ug/l	89
22) Diisopropyl ether	6.31	45	159409	3.987	ug/l	99
23) Vinyl Acetate	6.25	43	516198	18.801	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	115565	4.293	ug/l	98
25) 2-Butanone	7.17	43	108283	20.177	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57460	4.290	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	62640	4.100	ug/l	97
28) Bromochloromethane	7.51	49	37681	3.796	ug/l	99
29) Tetrahydrofuran	7.53	42	68461	19.722	ug/l	98
30) Chloroform	7.67	83	108861	4.321	ug/l	99
31) Cyclohexane	7.95	56	132388	4.803	ug/l #	76
32) 1,1,1-Trichloroethane	7.87	97	84866	4.349	ug/l	99
36) 1,1-Dichloropropene	8.07	75	91194	4.086	ug/l	98
37) Ethyl Acetate	7.25	43	50468	4.247	ug/l	98
38) Carbon Tetrachloride	8.06	117	79995	4.181	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010339.D
 Acq On : 09 May 2019 16:24
 Operator : SY/VA
 Sample : K2241-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:21:52 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	9.33	83	106815	3.912	ug/l	95
40) Benzene	8.32	78	253744	4.152	ug/l	99
41) Methacrylonitrile	7.48	41	24879	3.733	ug/l	93
42) 1,2-Dichloroethane	8.40	62	75078	4.291	ug/l	98
43) Isopropyl Acetate	8.42	43	78060	3.961	ug/l	99
44) Trichloroethene	9.09	130	63918	4.177	ug/l	98
45) 1,2-Dichloropropane	9.37	63	63597	4.186	ug/l	92
46) Dibromomethane	9.46	93	33485	4.266	ug/l	98
47) Bromodichloromethane	9.64	83	77177	4.099	ug/l	96
48) Methyl methacrylate	9.44	41	33667	3.613	ug/l	89
49) 1,4-Dioxane	9.45	88	11343	82.873	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	219915	19.461	ug/l	97
52) Toluene	10.39	92	159118	4.259	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72352	3.794	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86667	3.837	ug/l #	89
55) 1,1,2-Trichloroethane	10.79	97	46952	4.212	ug/l	99
56) Ethyl methacrylate	10.65	69	50825	3.453	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	81723	4.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117762	16.708	ug/l	100
59) 2-Hexanone	10.97	43	147756	18.494	ug/l	99
60) Dibromochloromethane	11.13	129	47612	3.969	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43739	4.087	ug/l	100
64) Tetrachloroethene	10.87	164	52934	4.157	ug/l	97
65) Chlorobenzene	11.66	112	160136	4.246	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	51591	4.047	ug/l	98
67) Ethyl Benzene	11.73	91	274643	3.958	ug/l	100
68) m/p-Xylenes	11.84	106	197542	7.663	ug/l	100
69) o-Xylene	12.16	106	85713	3.676	ug/l	100
70) Styrene	12.18	104	147383	3.627	ug/l	98
71) Bromoform	12.35	173	27496	3.773	ug/l #	95
73) Isopropylbenzene	12.46	105	240633	3.676	ug/l	99
74) N-amyl acetate	12.27	43	58924	3.484	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	60064	4.164	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	76277	7.285	ug/l #	100
77) Bromobenzene	12.75	156	59624	4.034	ug/l	94
78) n-propylbenzene	12.80	91	316446	3.914	ug/l	99
79) 2-Chlorotoluene	12.90	91	183508	3.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207178	3.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16522	3.563	ug/l	98
82) 4-Chlorotoluene	12.99	91	194247	4.027	ug/l	98
83) tert-Butylbenzene	13.21	119	167101	3.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	207913	3.791	ug/l	98
85) sec-Butylbenzene	13.38	105	248079	3.651	ug/l	98
86) p-Isopropyltoluene	13.50	119	212701	3.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	131930	4.470	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	126117	4.306	ug/l	93
89) n-Butylbenzene	13.83	91	225828	3.733	ug/l	99
90) Hexachloroethane	14.10	117	42909	3.835	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	110721	4.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11168	4.300	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010339.D
Acq On : 09 May 2019 16:24
Operator : SY/VA
Sample : K2241-01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:21:52 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

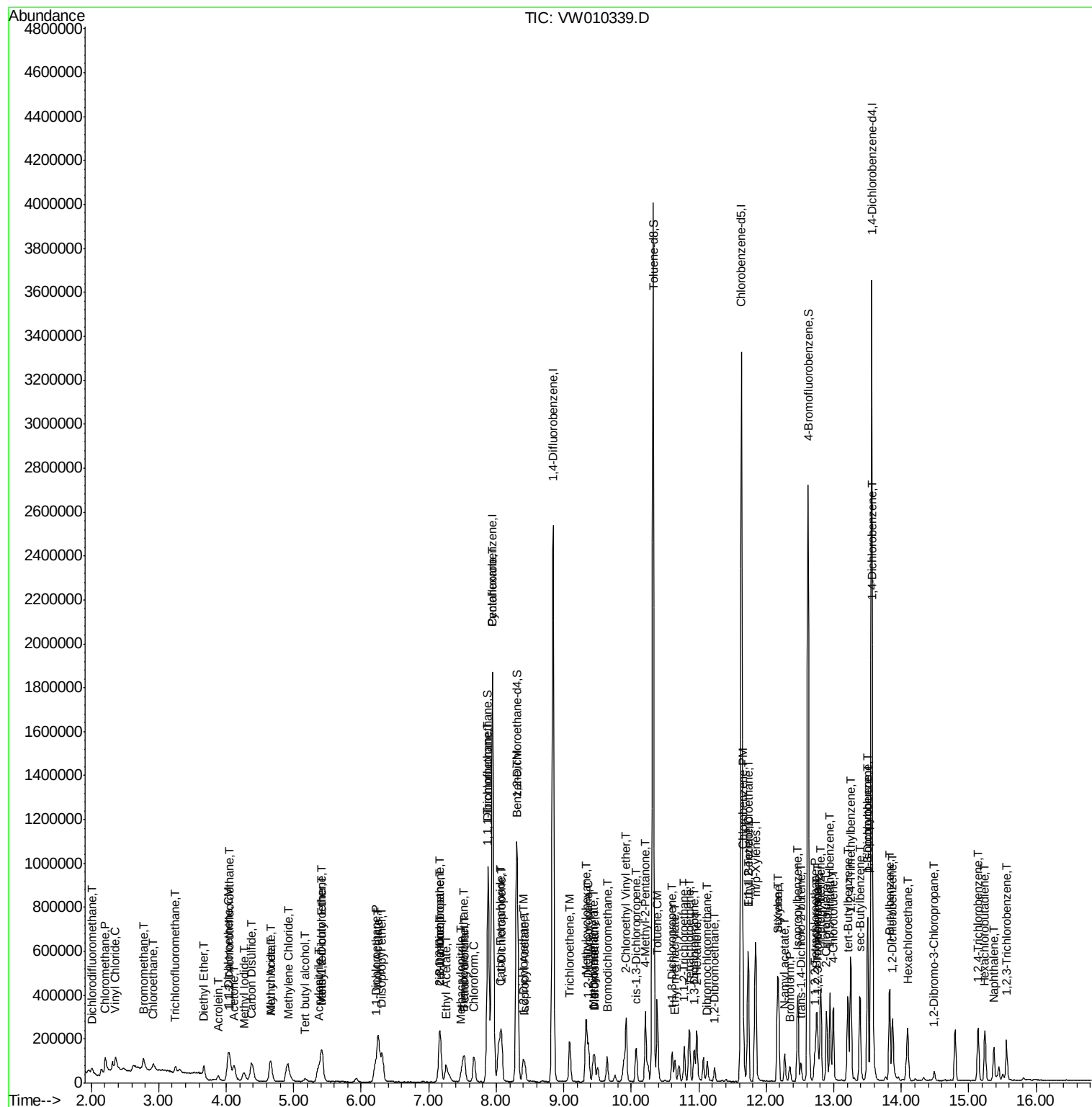
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76962	4.316	ug/l	98
94) Hexachlorobutadiene	15.24	225	44546	3.897	ug/l	98
95) Naphthalene	15.37	128	127535	6.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58954	3.660	ug/l	100

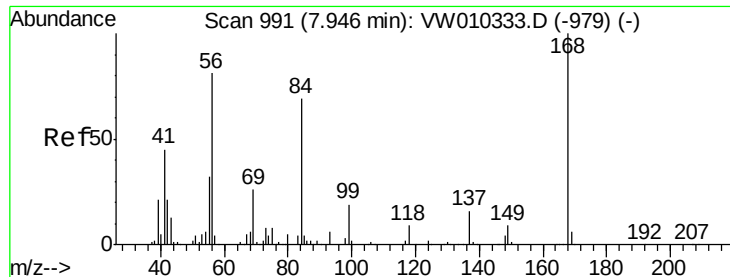
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010339.D
Acq On : 09 May 2019 16:24
Operator : SY/VA
Sample : K2241-01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:21:52 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: VW010339.D

Acq: 09 May 2019 16:24

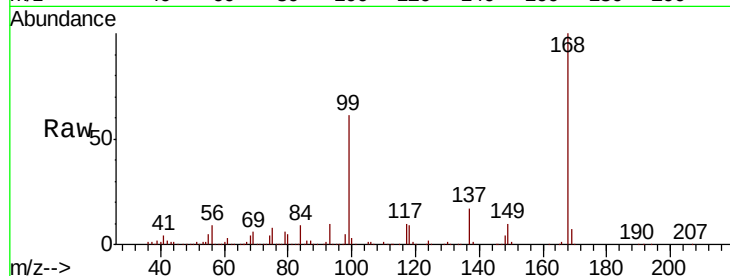
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 1265785

Ion Ratio Lower Upper

168 100

99 60.5 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

500000

400000

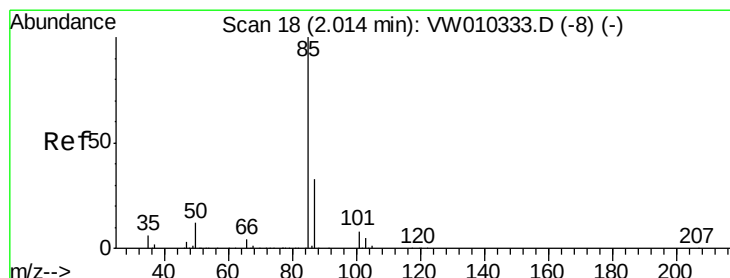
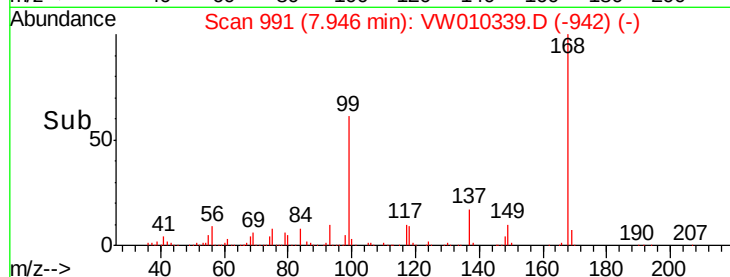
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.009 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010339.D

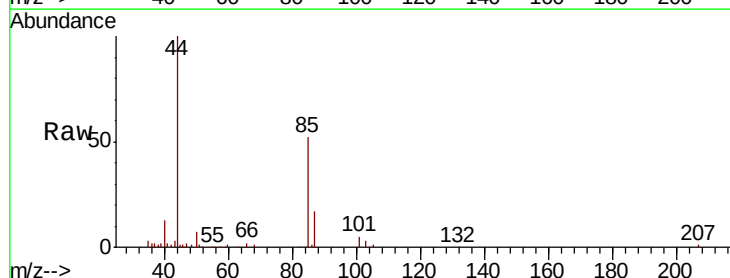
Acq: 09 May 2019 16:24

Tgt Ion: 85 Resp: 54809

Ion Ratio Lower Upper

85 100

87 32.8 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

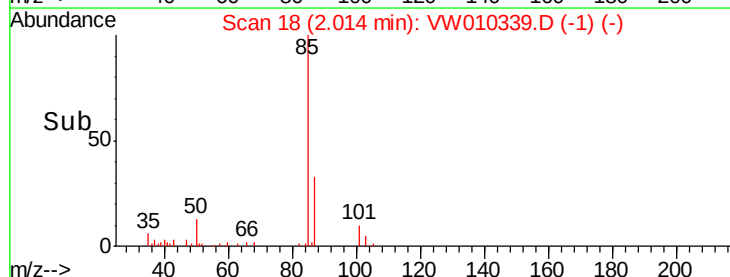
15000

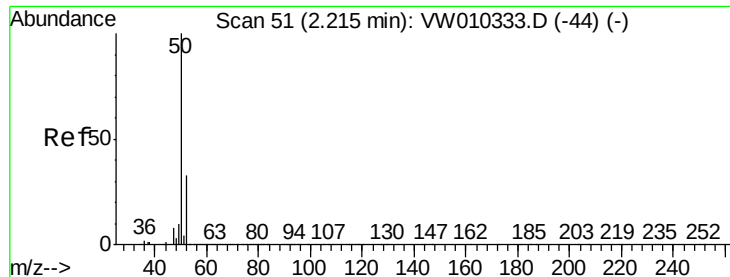
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.786 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

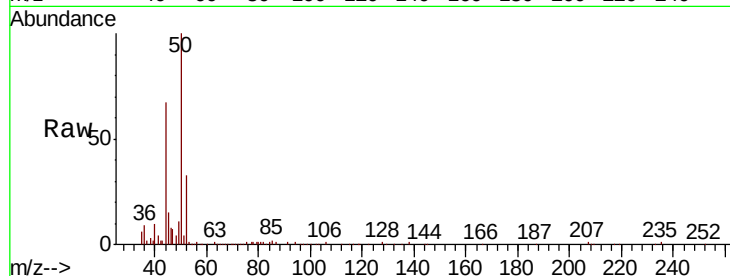
ClientSampled :

Tot Ion: 50 Resp: 62012

Ion Ratio Lower Upper

50 100

52 32.8 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

40000

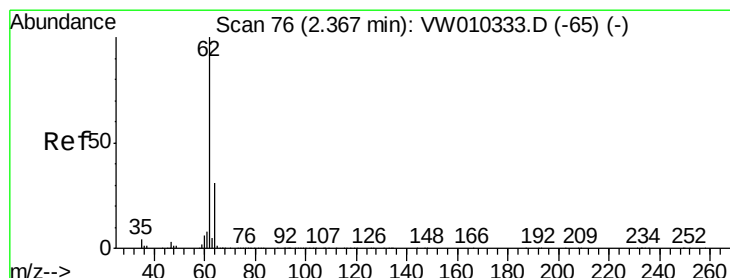
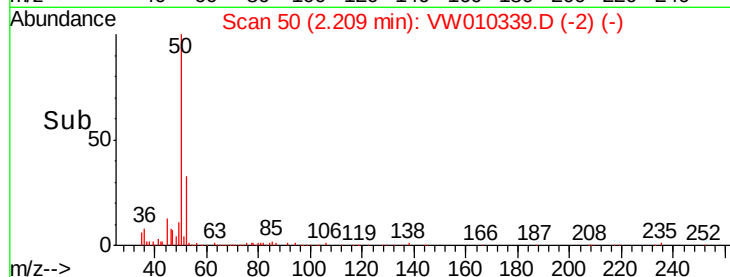
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 4.605 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW010339.D

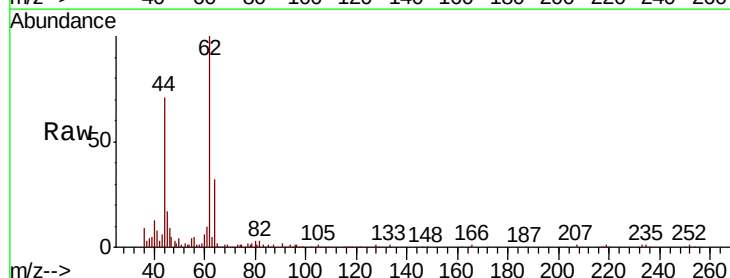
Acq: 09 May 2019 16:24

Tgt Ion: 62 Resp: 74158

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

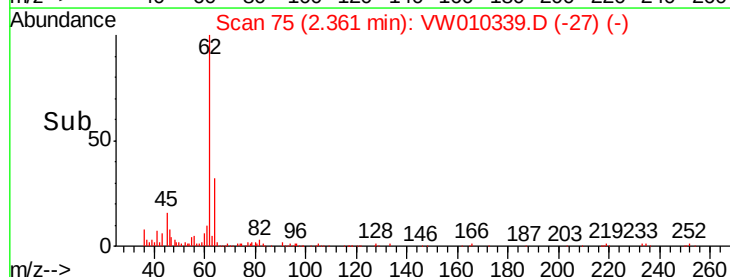
30000

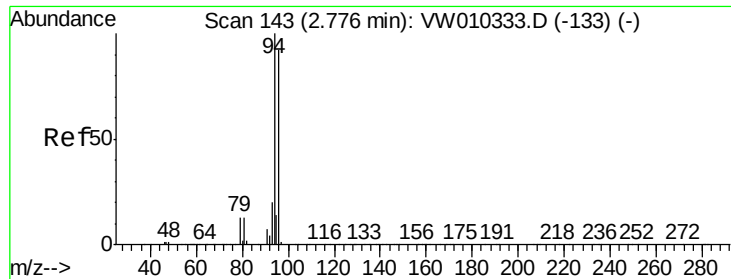
20000

10000

0

Time-->





#5

Bromomethane

Concen: 4.763 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

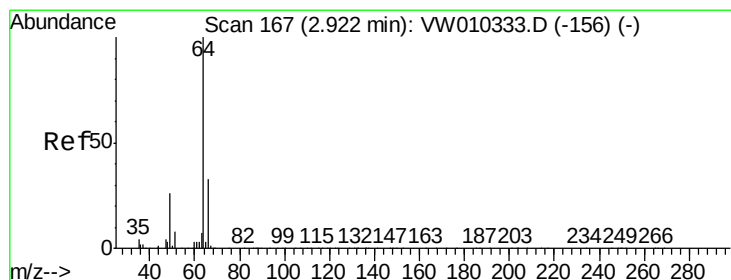
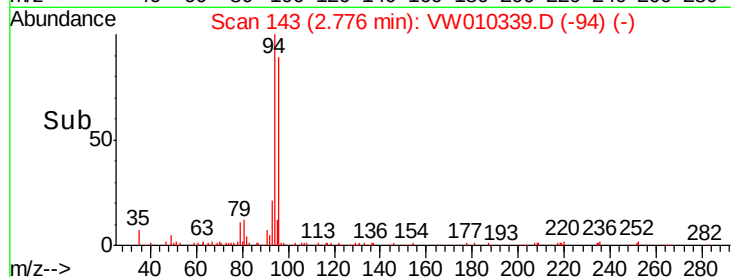
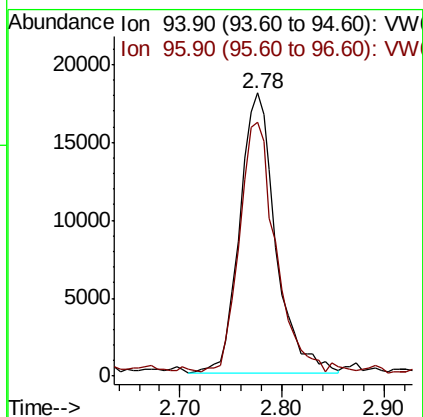
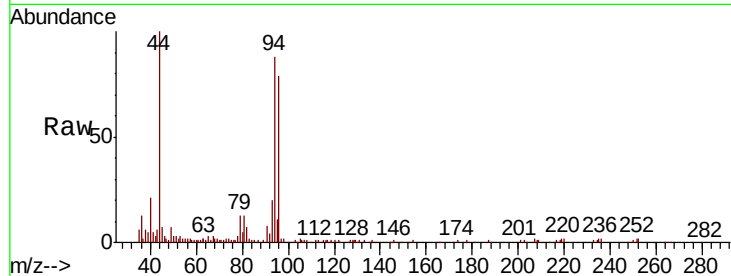
ClientSampleId :

Tot Ion: 94 Resp: 44232

Ion Ratio Lower Upper

94 100

96 88.1 74.2 111.2



#6

Chloroethane

Concen: 4.217 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010339.D

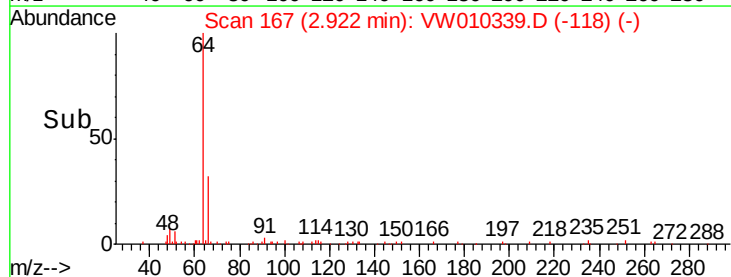
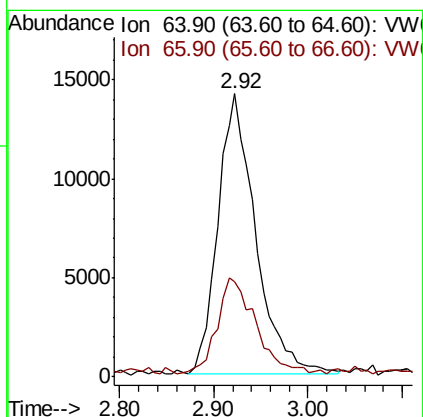
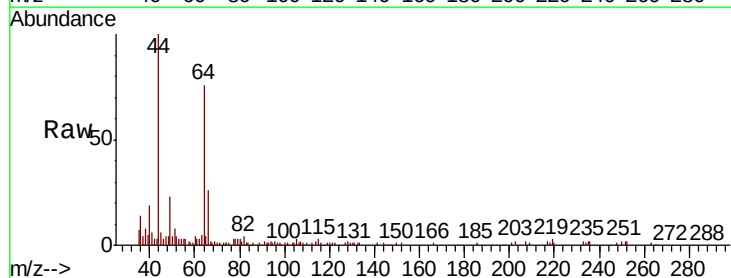
Acq: 09 May 2019 16:24

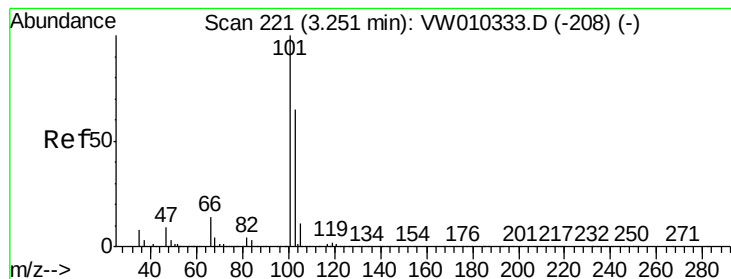
Tgt Ion: 64 Resp: 39272

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.0



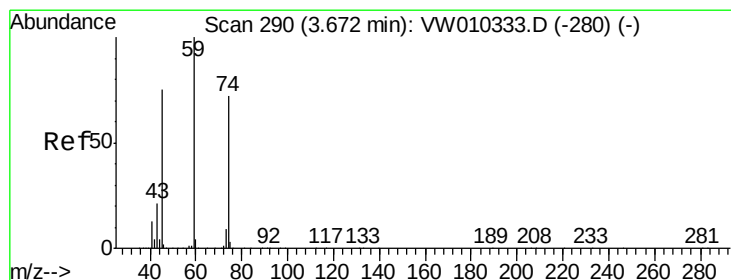
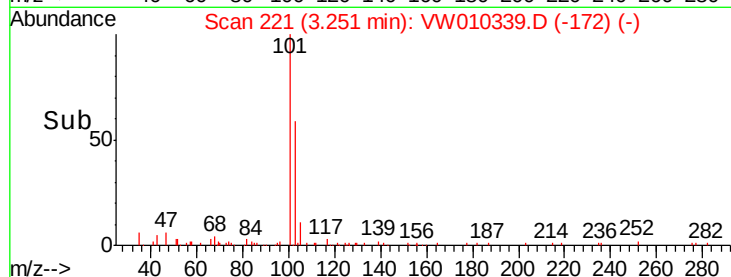
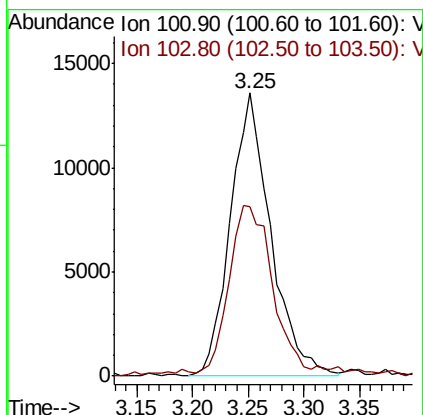
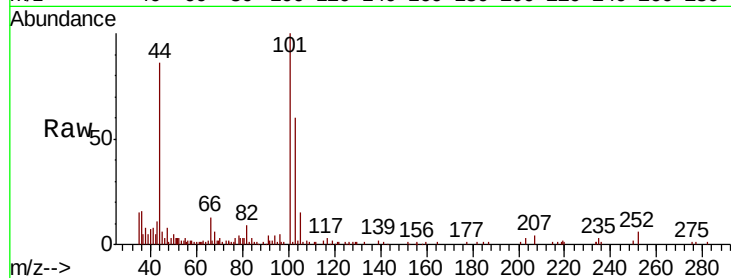


#7

Trichlorofluoromethane
Concen: 4.254 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :

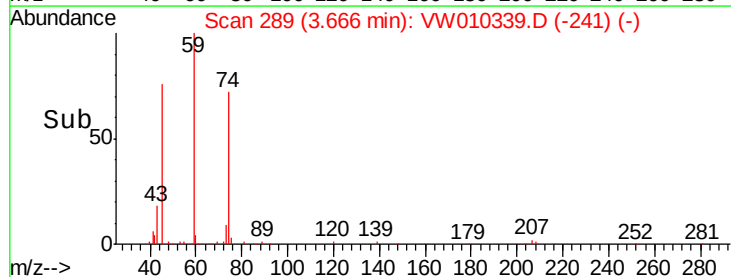
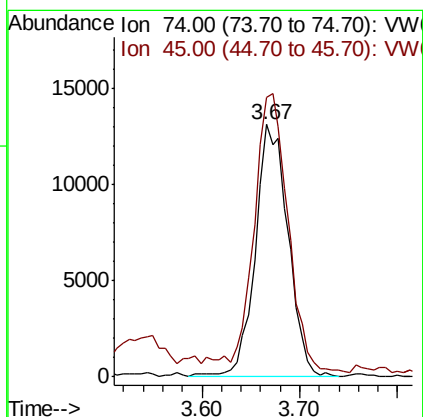
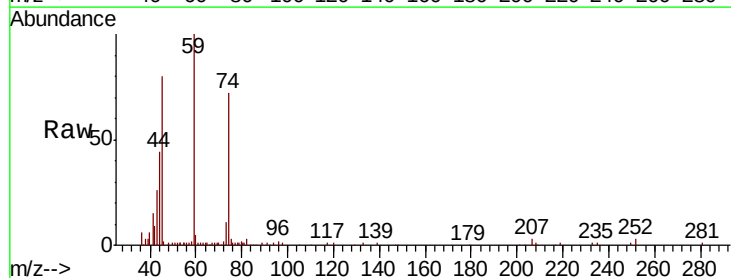
Tot Ion:101 Resp: 34290
Ion Ratio Lower Upper
101 100
103 58.5 49.8 74.6

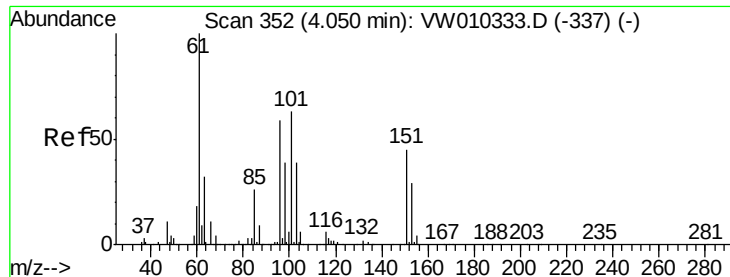


#8

Diethyl Ether
Concen: 4.320 ug/l
RT: 3.67 min Scan# 289
Delta R.T. -0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 74 Resp: 30615
Ion Ratio Lower Upper
74 100
45 112.6 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.043 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

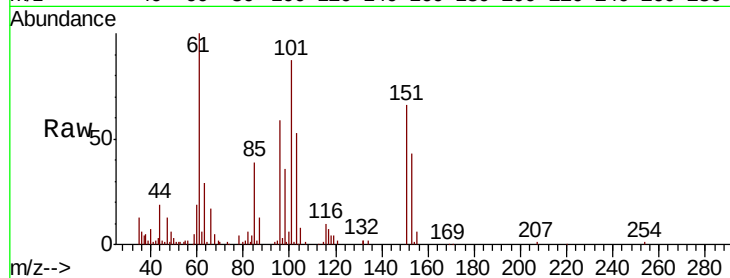
Tot Ion:101 Resp: 53406

Ion Ratio Lower Upper

101 100

85 45.5 36.3 54.5

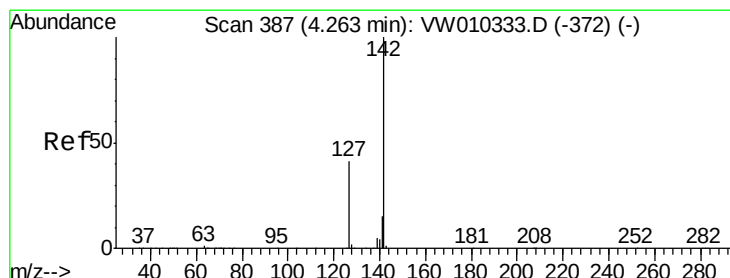
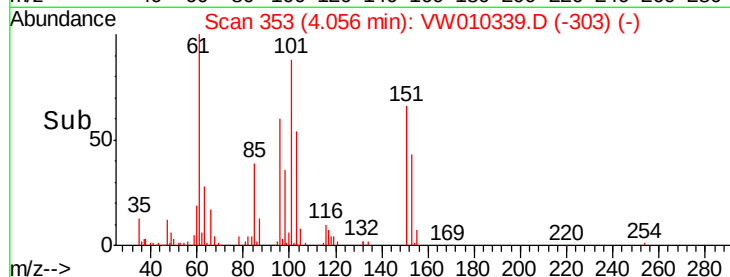
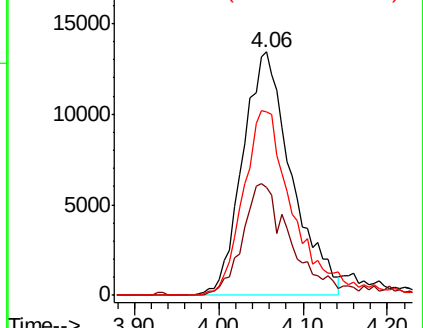
151 78.8 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.305 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

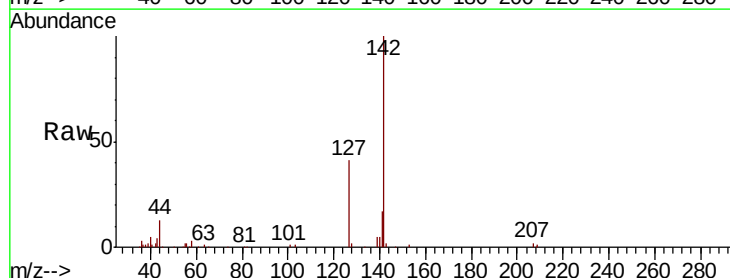
Tgt Ion:142 Resp: 80521

Ion Ratio Lower Upper

142 100

127 42.5 38.1 57.1

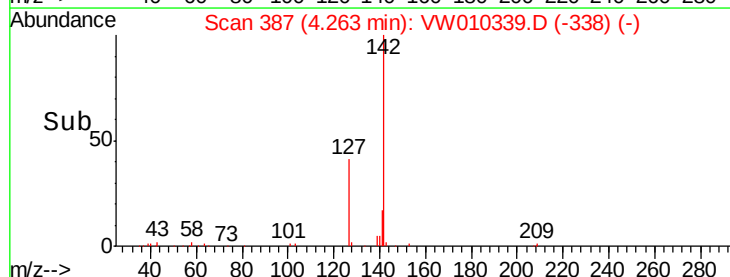
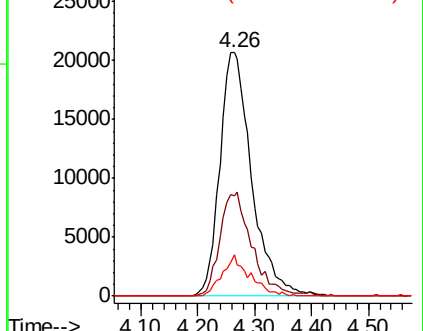
141 14.5 12.2 18.2

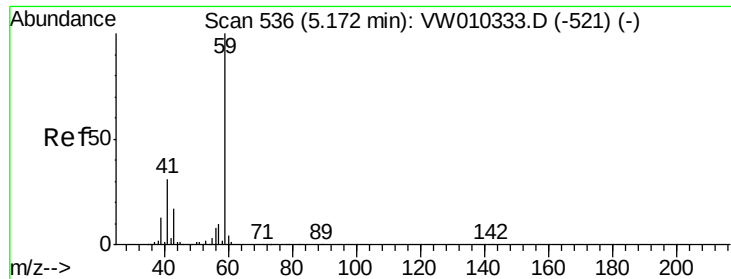


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

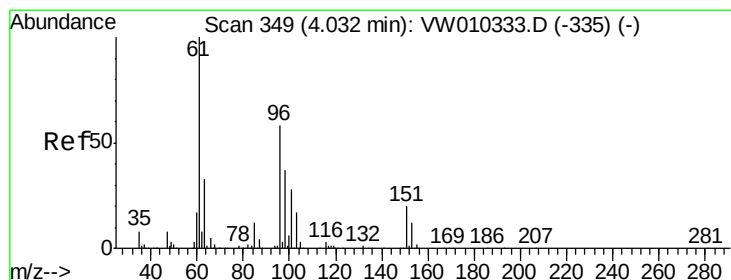
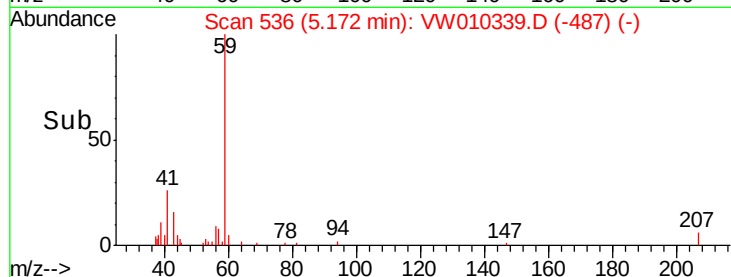
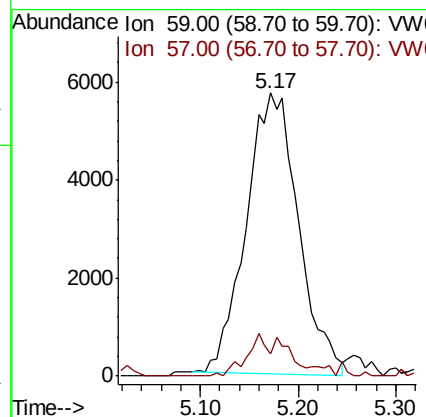
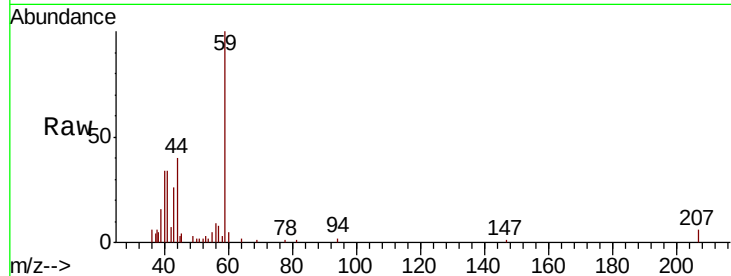




#11
Tert butyl alcohol
Concen: 22.397 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

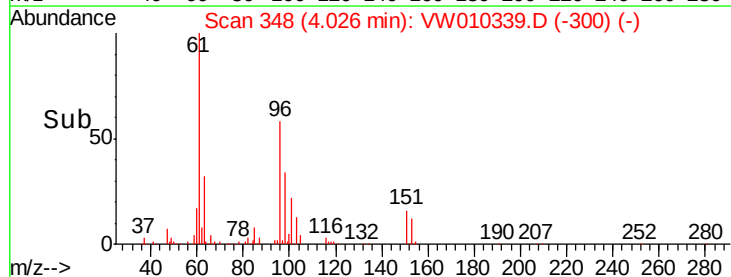
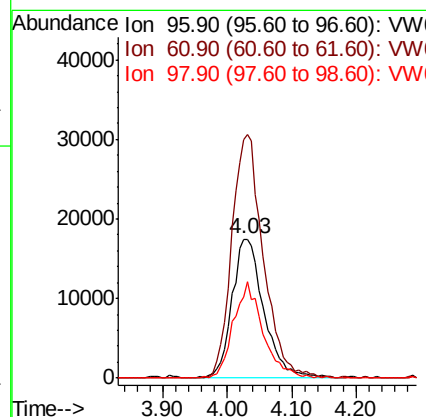
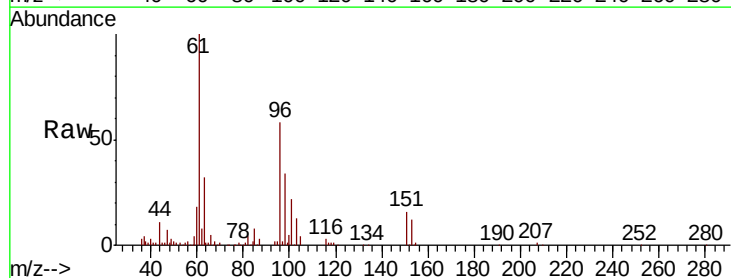
Instrument :
MSVOA_W
ClientSampleId :

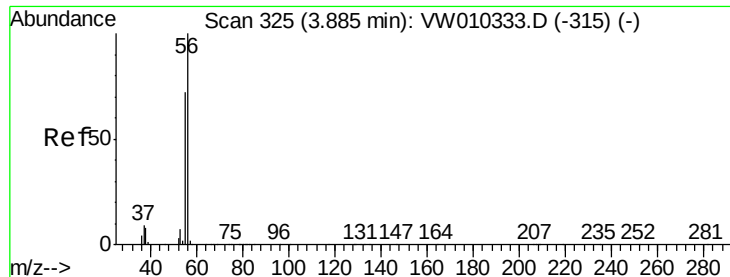
Tot Ion: 59 Resp: 21285
Ion Ratio Lower Upper
59 100
57 5.4 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 4.389 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 96 Resp: 60582
Ion Ratio Lower Upper
96 100
61 171.5 147.4 221.2
98 58.2 49.7 74.5





#13

Acrolein

Concen: 22.294 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

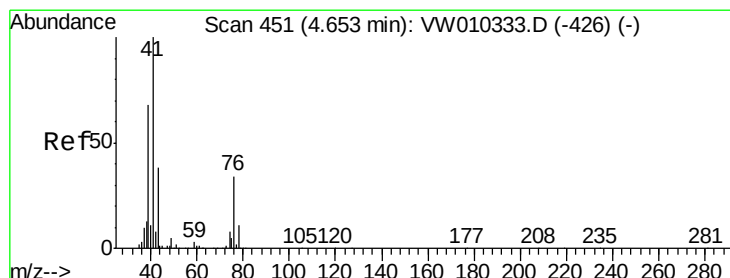
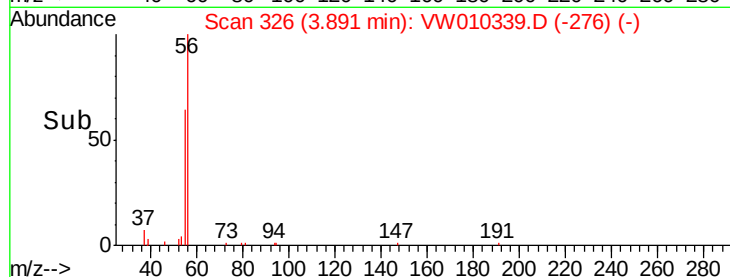
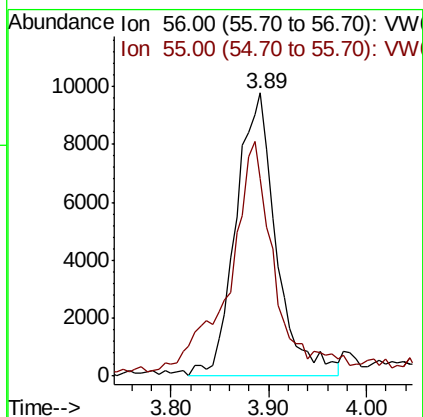
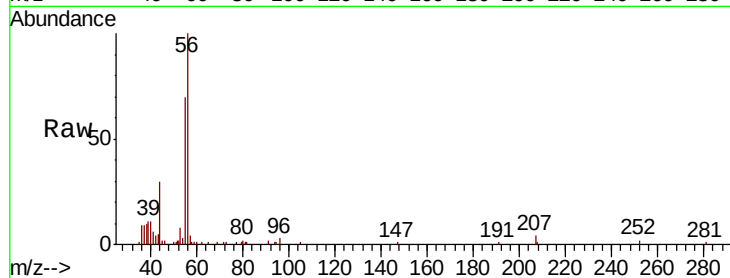
ClientSampled :

Tot Ion: 56 Resp: 27973

Ion Ratio Lower Upper

56 100

55 87.6 54.2 81.2#



#14

Allyl chloride

Concen: 4.164 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

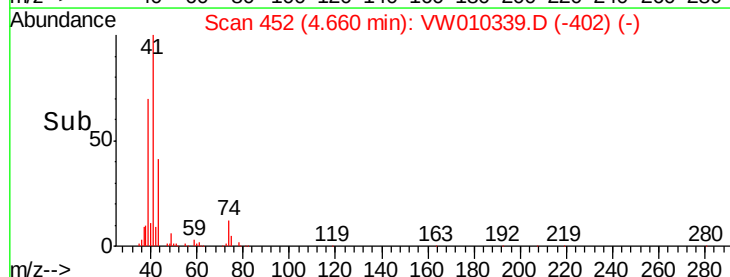
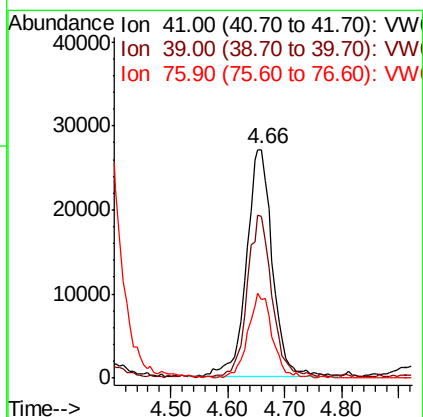
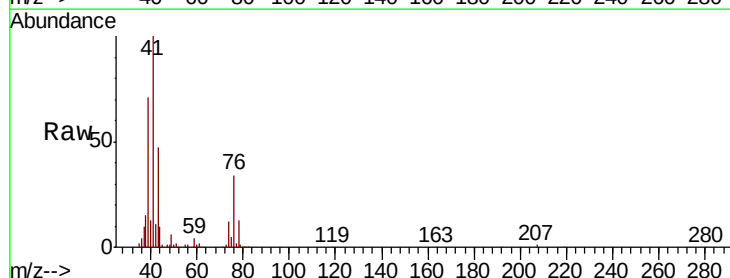
Tgt Ion: 41 Resp: 85796

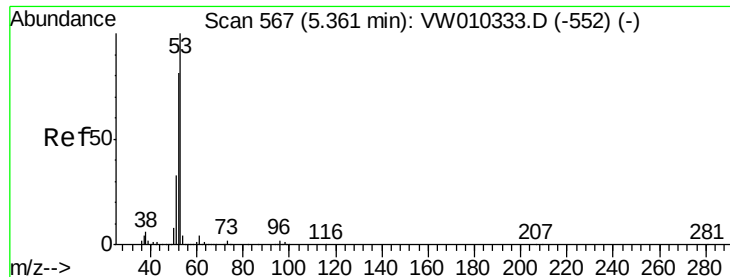
Ion Ratio Lower Upper

41 100

39 67.0 60.2 90.4

76 35.0 25.0 37.6





#15

Acrylonitrile

Concen: 21.337 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

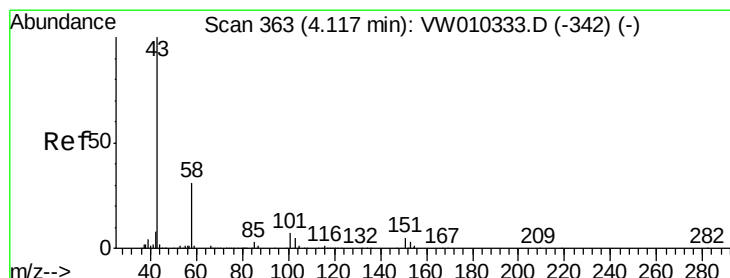
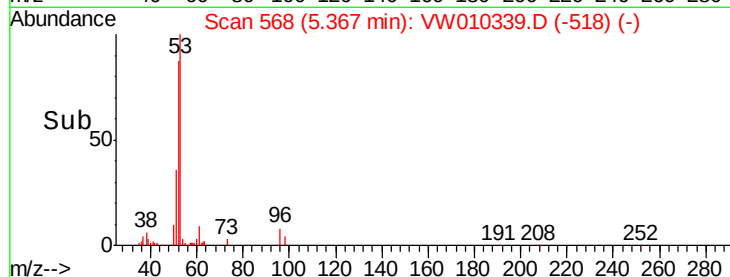
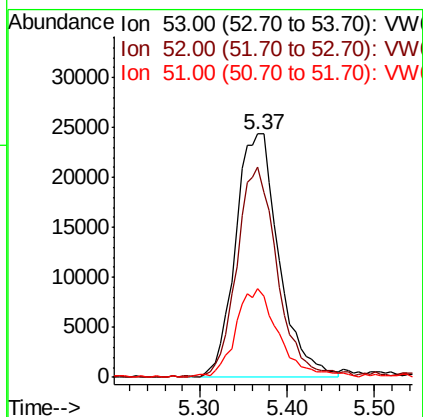
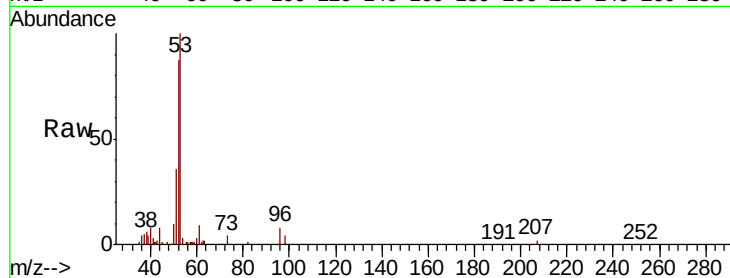
Tot Ion: 53 Resp: 83812

Ion Ratio Lower Upper

53 100

52 81.0 66.6 100.0

51 36.4 30.3 45.5



#16

Acetone

Concen: 29.961 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW010339.D

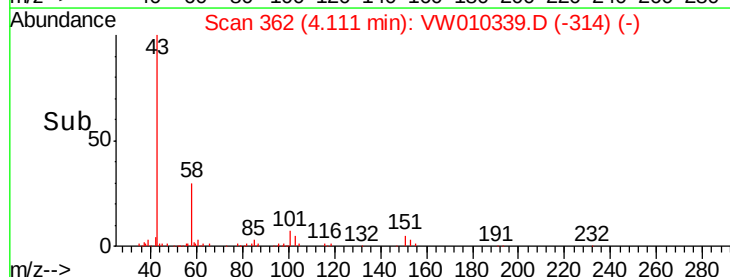
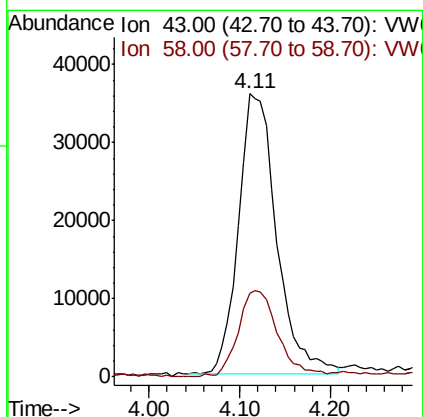
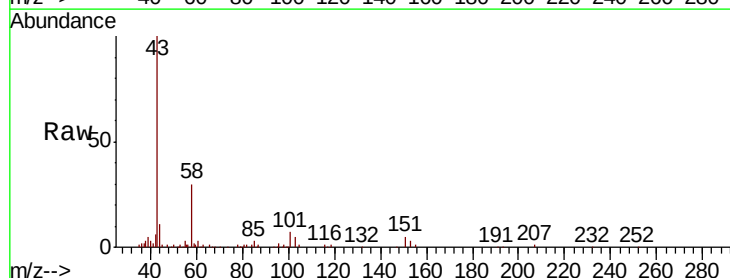
Acq: 09 May 2019 16:24

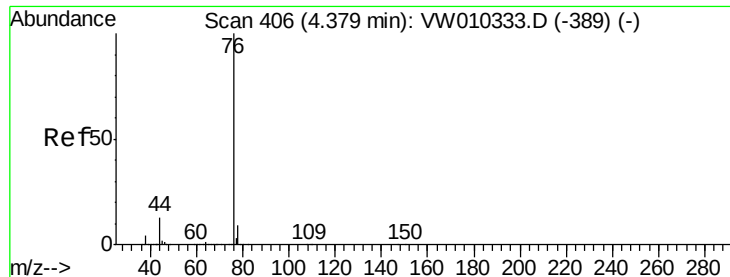
Tgt Ion: 43 Resp: 105107

Ion Ratio Lower Upper

43 100

58 29.8 22.7 34.1

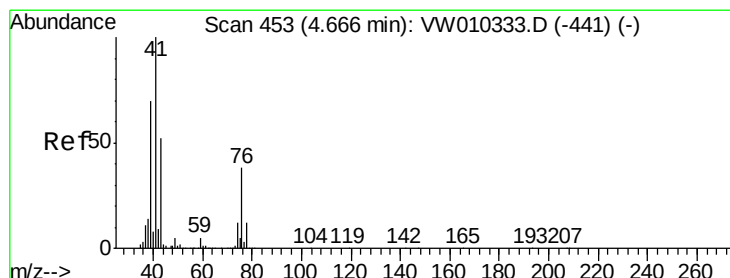
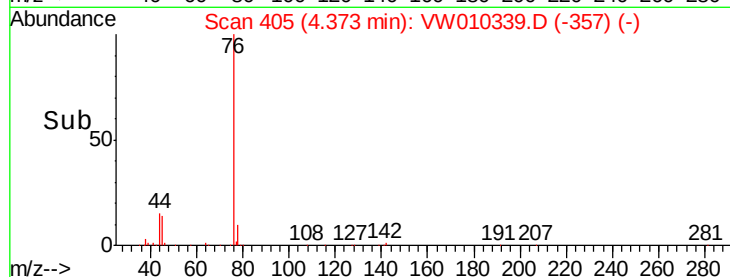
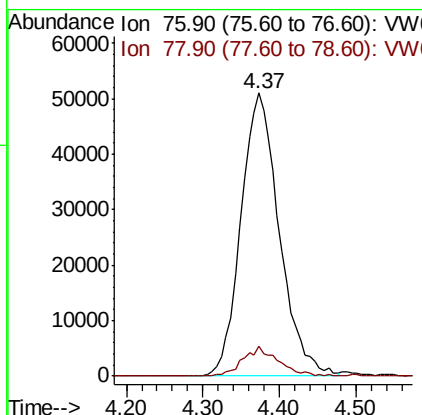
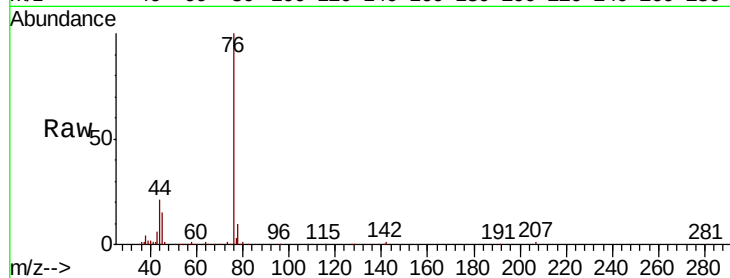




#17
Carbon Disulfide
Concen: 4.258 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

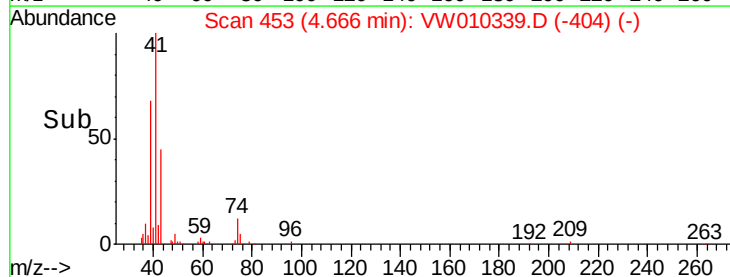
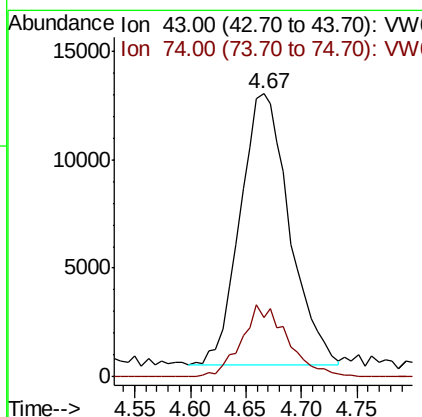
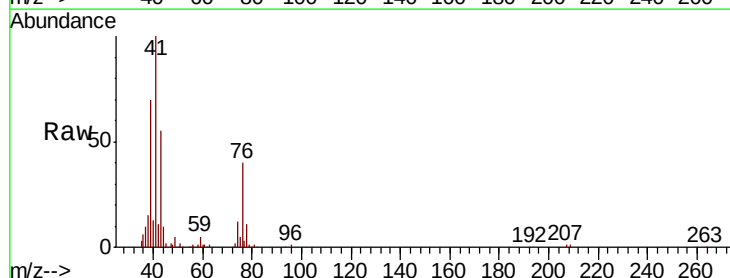
Instrument :
MSVOA_W
ClientSampleId :

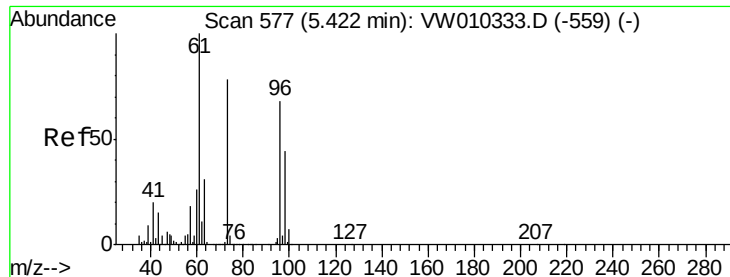
Tot Ion: 76 Resp: 177739
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#18
Methyl Acetate
Concen: 4.421 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 43 Resp: 38414
Ion Ratio Lower Upper
43 100
74 24.7 16.8 25.2

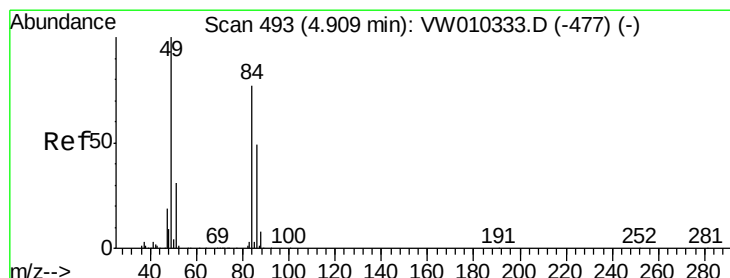
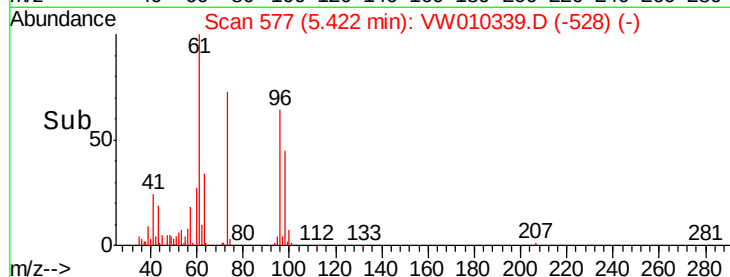
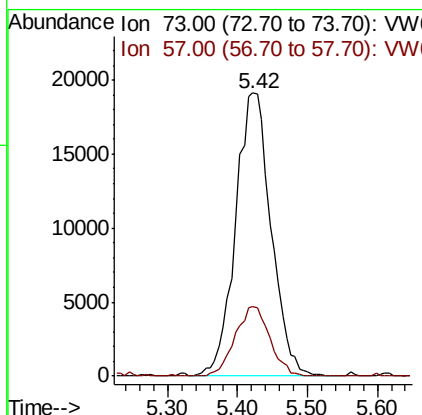
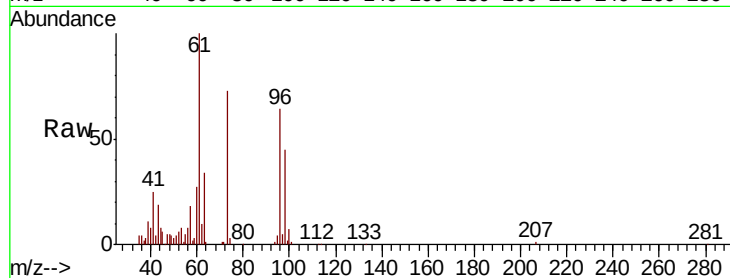




#19
Methyl tert-butyl Ether
Concen: 4.116 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

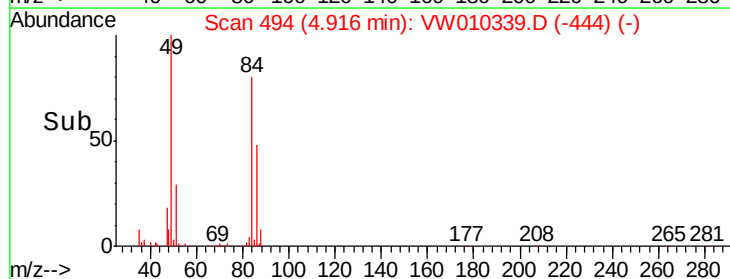
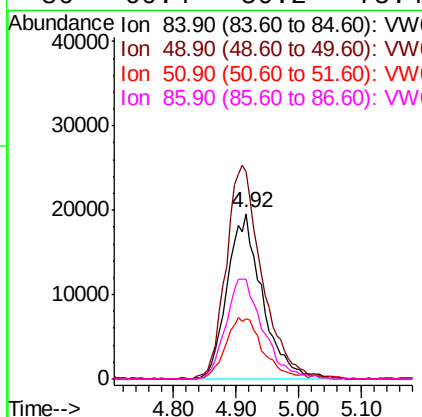
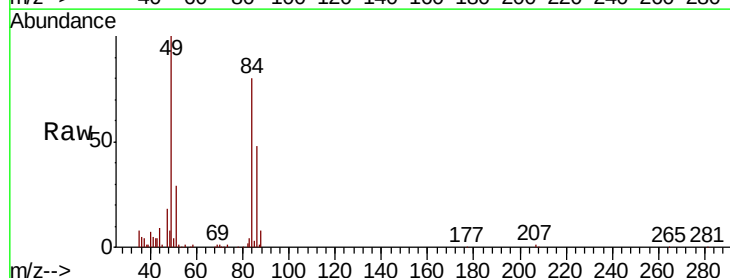
Instrument :
MSVOA_W
ClientSampled :

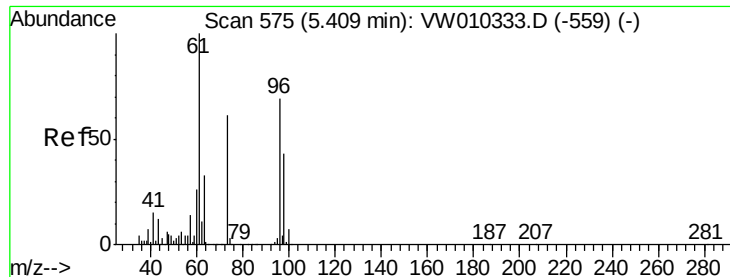
Tot Ion: 73 Resp: 67625
Ion Ratio Lower Upper
73 100
57 24.5 18.5 27.7



#20
Methylene Chloride
Concen: 5.200 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 84 Resp: 76086
Ion Ratio Lower Upper
84 100
49 125.0 112.3 168.5
51 36.5 33.9 50.9
86 60.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 4.204 ug/l

RT: 5.41 min Scan# 575

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

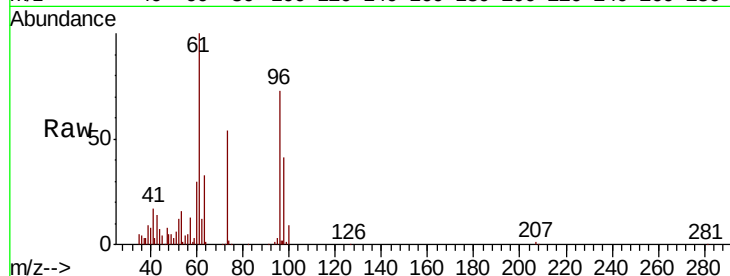
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 96 Resp: 62467

Ion	Ratio	Lower	Upper
96	100		
61	137.4	122.3	183.5
98	56.3	50.5	75.7

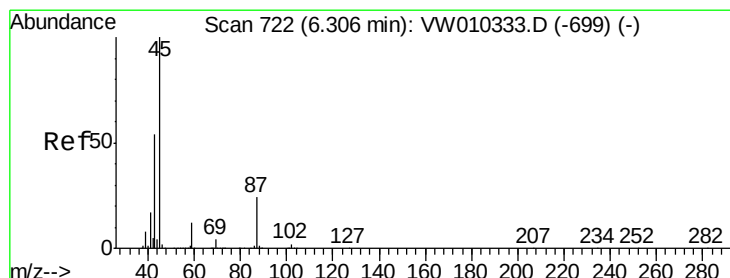
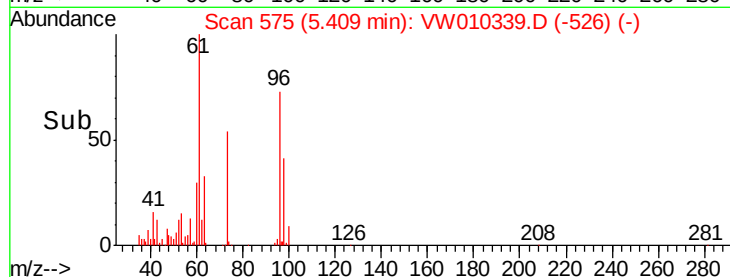
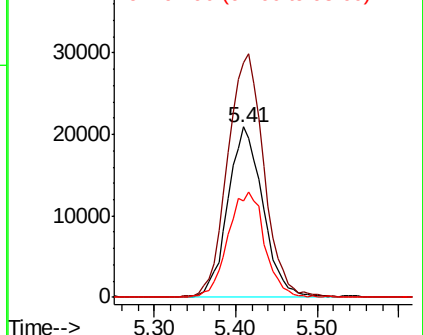


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 3.987 ug/l

RT: 6.31 min Scan# 722

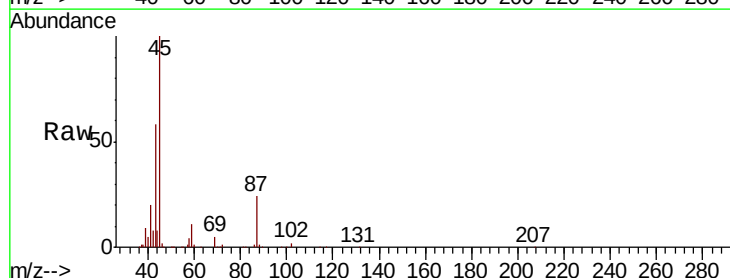
Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Tgt Ion: 45 Resp: 159409

Ion	Ratio	Lower	Upper
45	100		
43	56.6	46.1	69.1
87	23.4	18.3	27.5
59	11.1	8.2	12.4



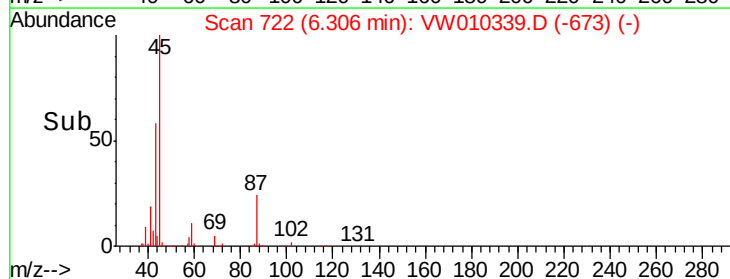
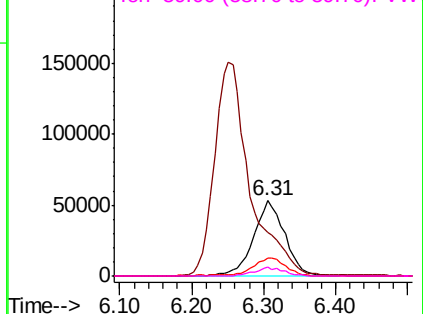
Abundance

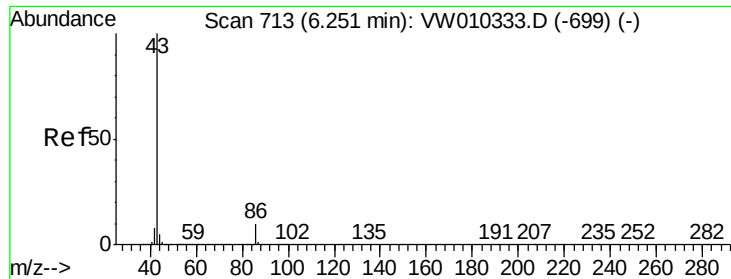
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 18.801 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

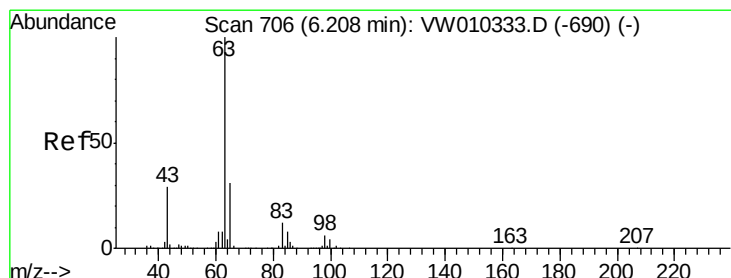
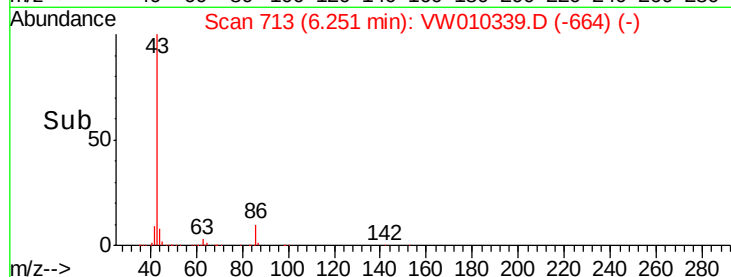
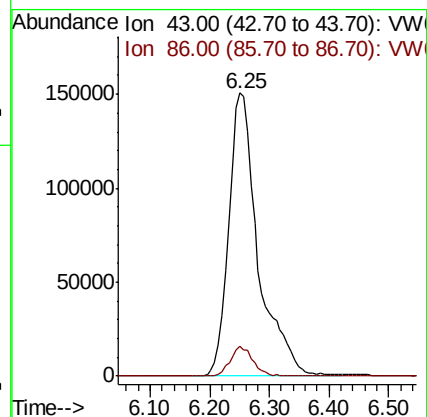
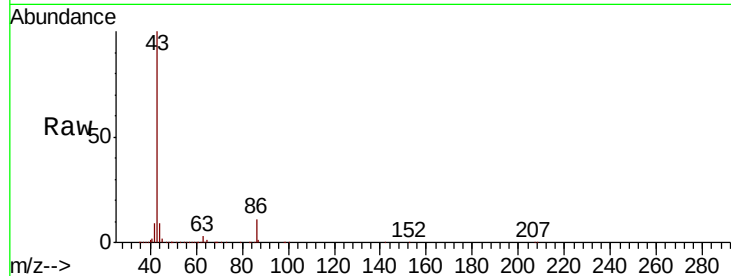
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 516198

Ion Ratio Lower Upper

43 100

86 10.7 7.0 10.6#



#24

1,1-Dichloroethane

Concen: 4.293 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

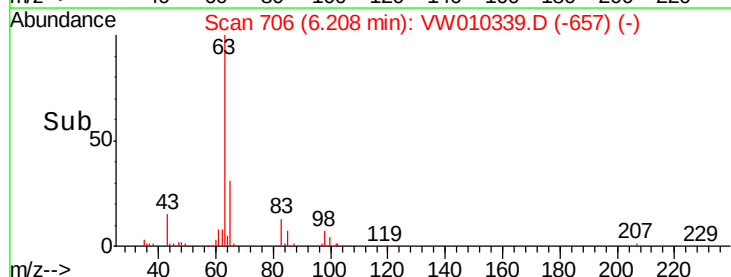
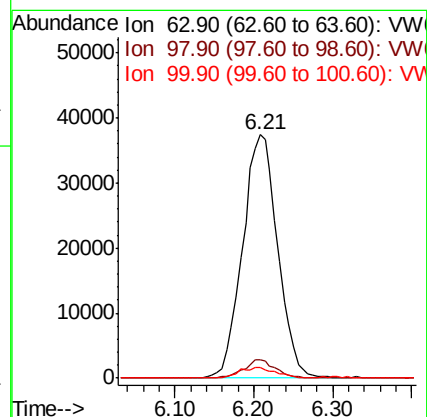
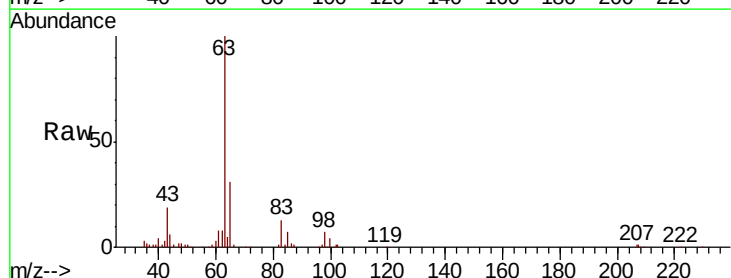
Tgt Ion: 63 Resp: 115565

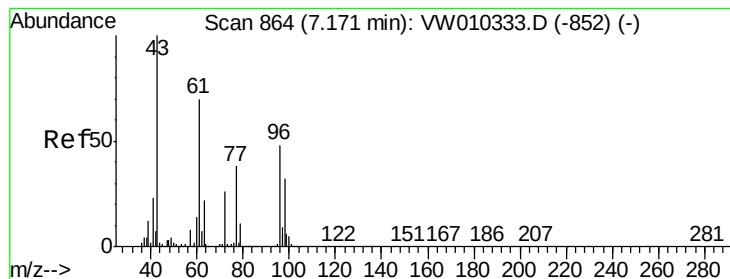
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 20.177 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

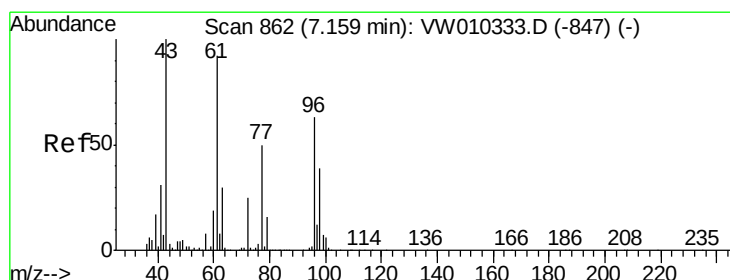
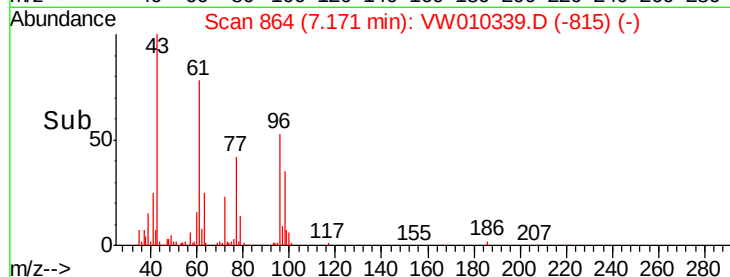
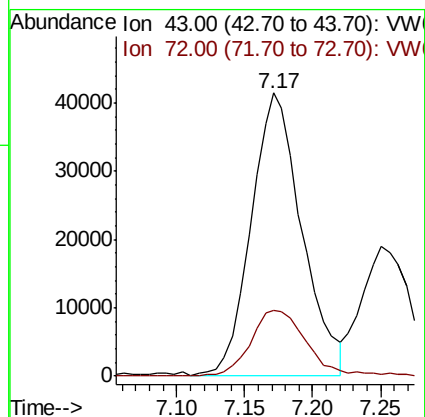
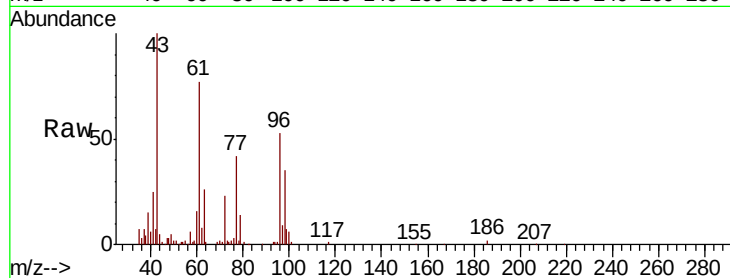
ClientSampled :

Tot Ion: 43 Resp: 108283

Ion Ratio Lower Upper

43 100

72 23.3 19.1 28.7



#26

2,2-Dichloropropane

Concen: 4.290 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW010339.D

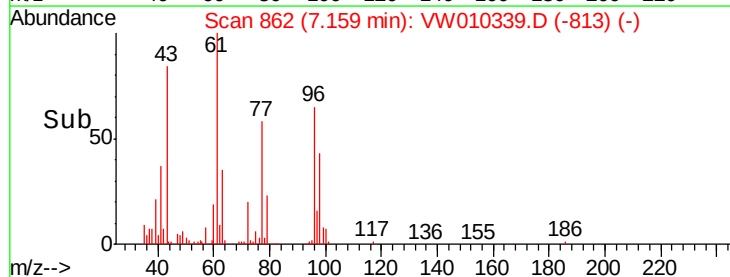
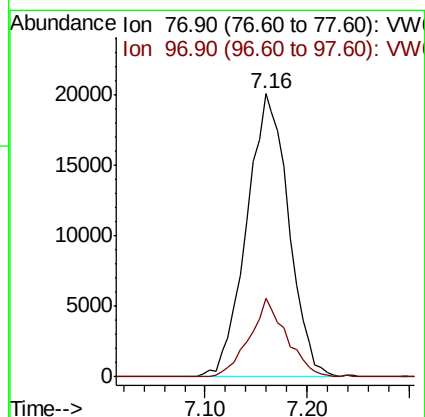
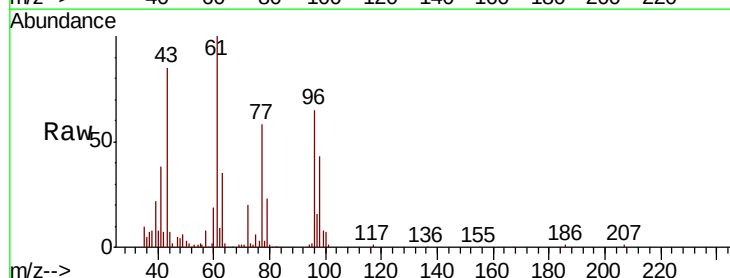
Acq: 09 May 2019 16:24

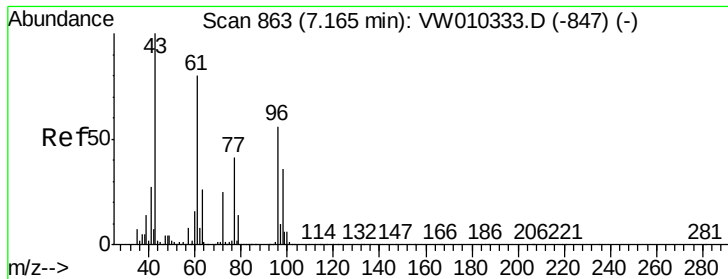
Tgt Ion: 77 Resp: 57460

Ion Ratio Lower Upper

77 100

97 24.6 11.3 33.9



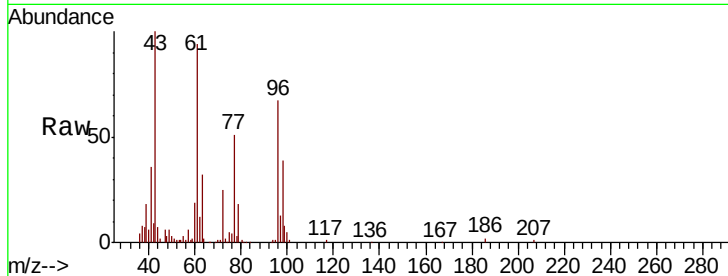


#27

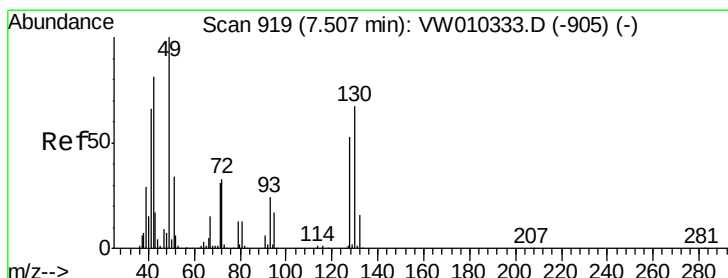
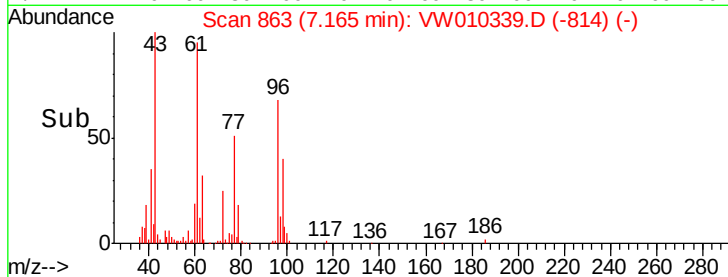
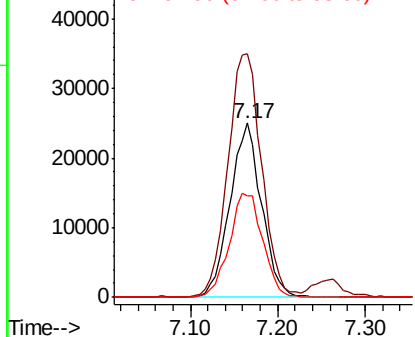
cis-1,2-Dichloroethene
 Concen: 4.100 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	62640
Ion Ratio	Lower	Upper	
96	100		
61	150.2	0.0	309.4
98	63.0	0.0	128.6



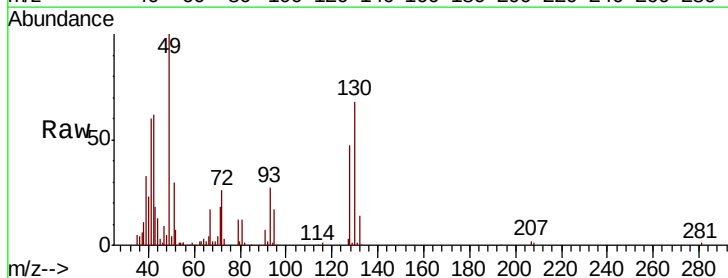
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



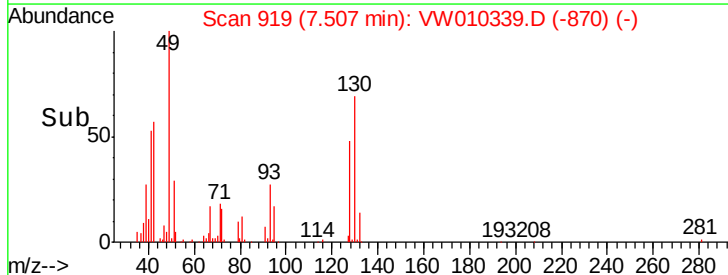
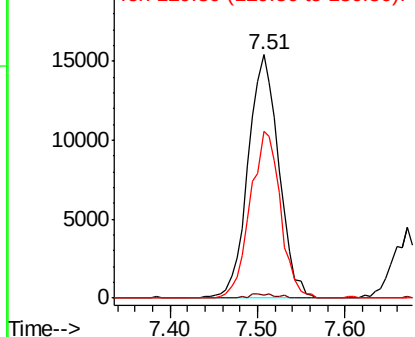
#28

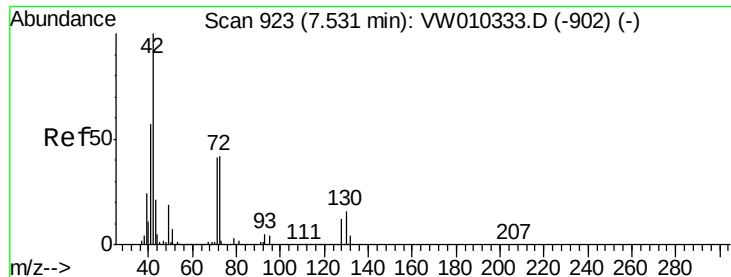
Bromochloromethane
 Concen: 3.796 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion	49	Resp	37681
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	3.8
130	67.3	54.6	82.0



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

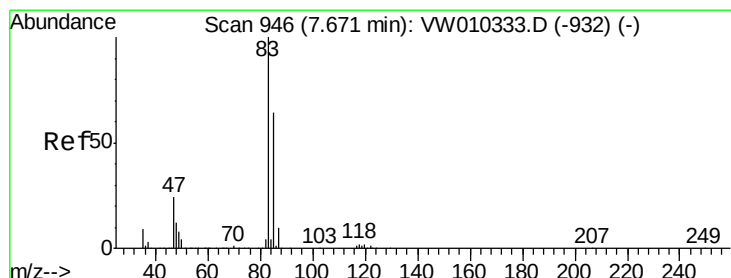
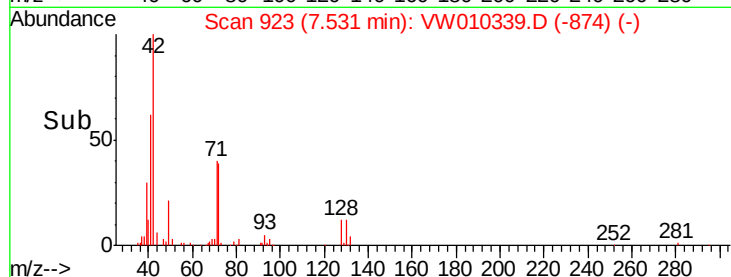
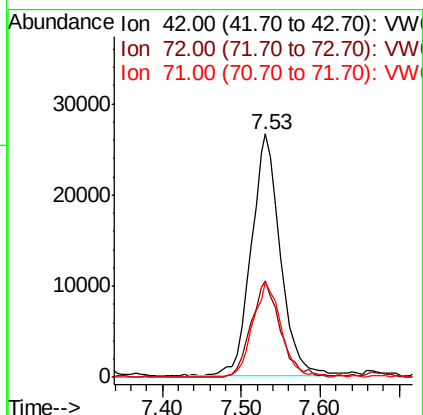
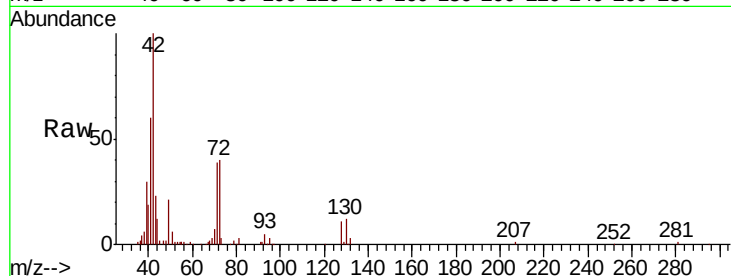




#29
Tetrahydrofuran
Concen: 19.722 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

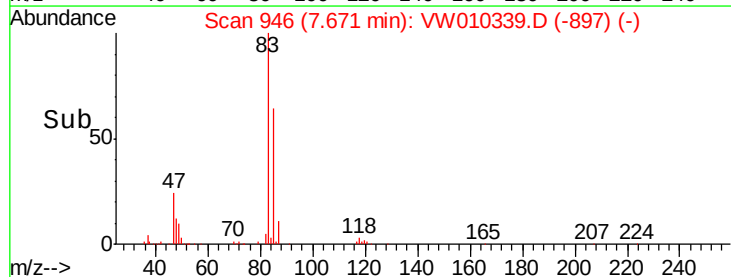
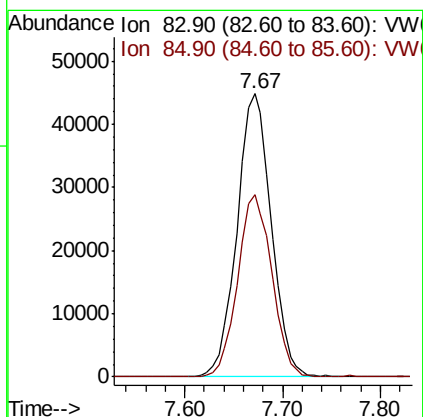
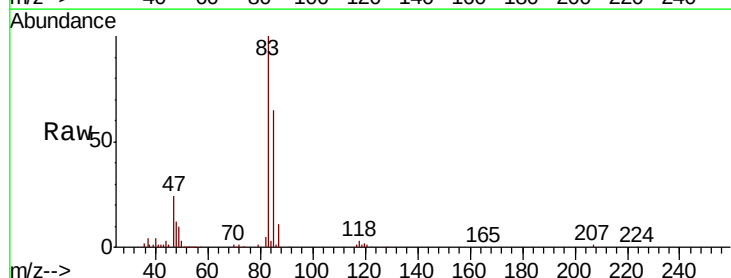
Instrument :
MSVOA_W
ClientSampleId :

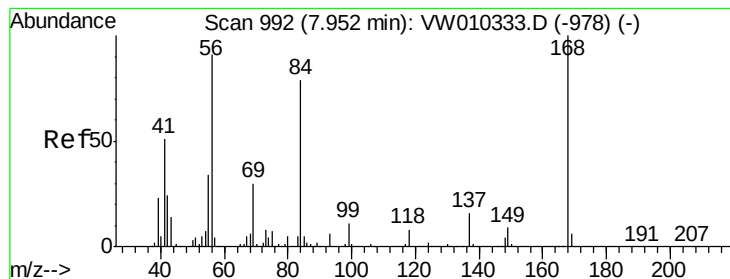
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.0	46.6
71	38.0	29.7	44.5



#30
Chloroform
Concen: 4.321 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1





#31

Cyclohexane

Concen: 4.803 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :

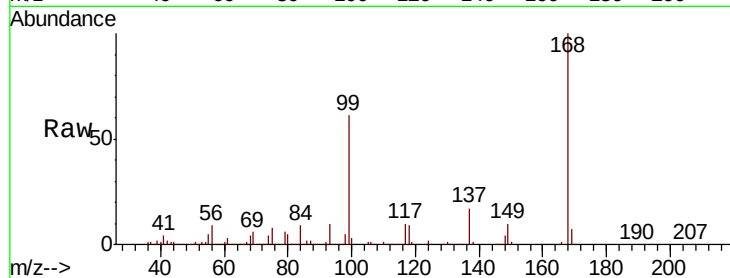
Tot Ion: 56 Resp: 132388

Ion Ratio Lower Upper

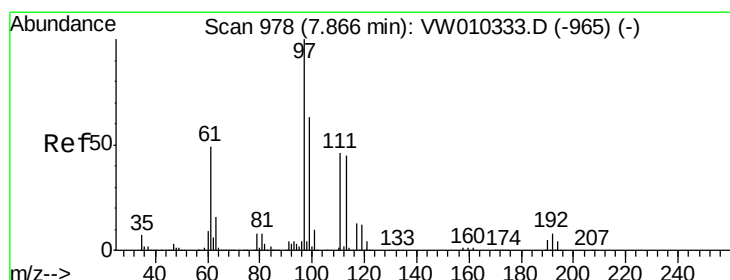
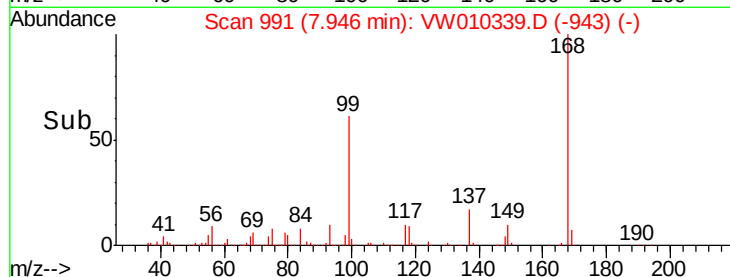
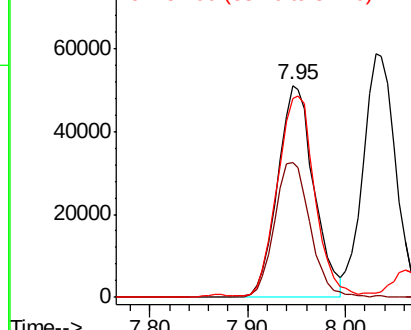
56 100

69 63.7 26.6 40.0#

84 93.9 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: 4.349 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

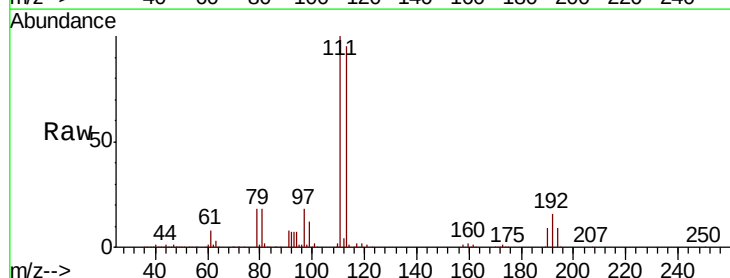
Tgt Ion: 97 Resp: 84866

Ion Ratio Lower Upper

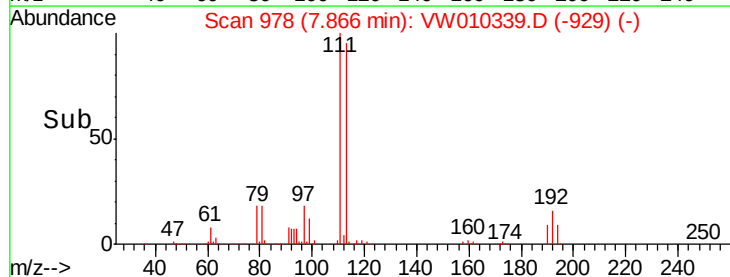
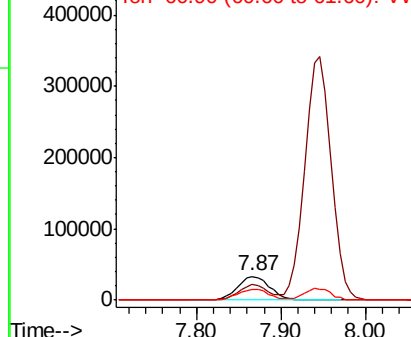
97 100

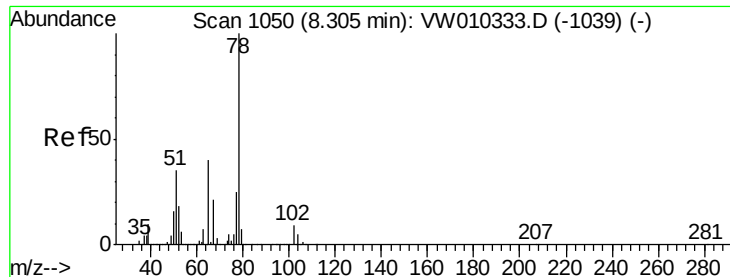
99 61.8 50.2 75.2

61 46.8 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

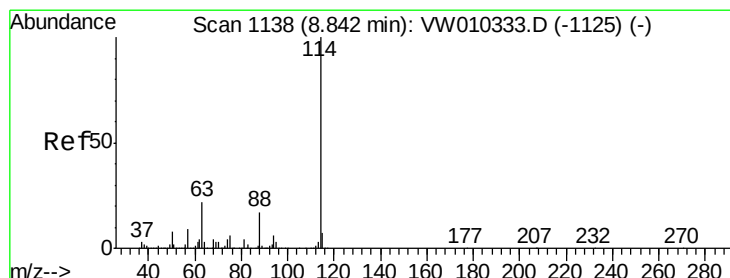
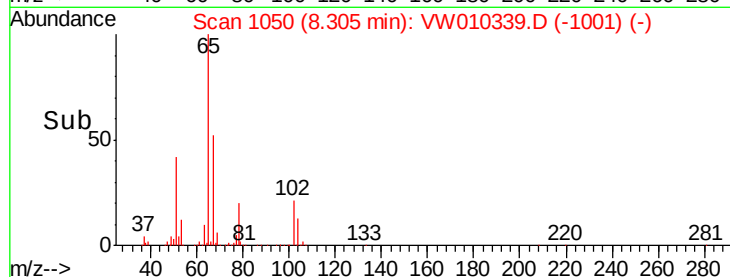
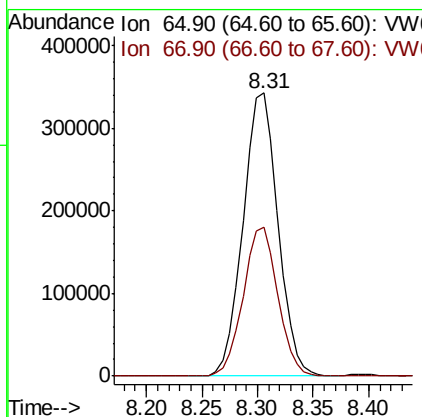
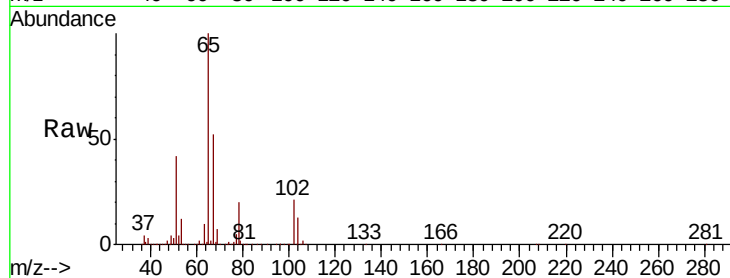




#33
 1,2-Dichloroethane-d4
 Concen: 55.674 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

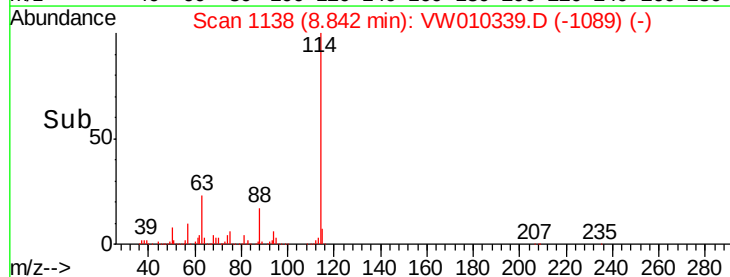
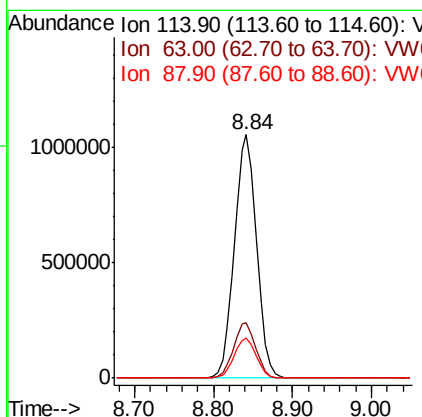
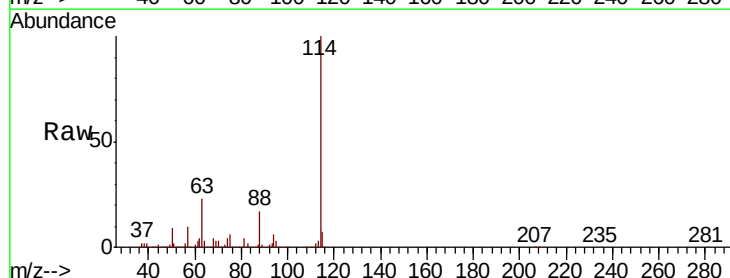
Instrument :
 MSVOA_W
 ClientSampleId :

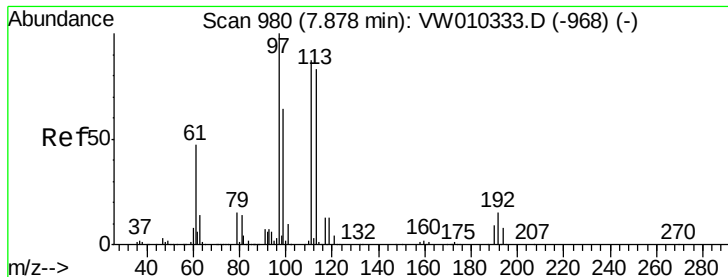
Tot Ion: 65 Resp: 749207
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion: 114 Resp: 2058278
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.2
 88 16.6 0.0 32.6

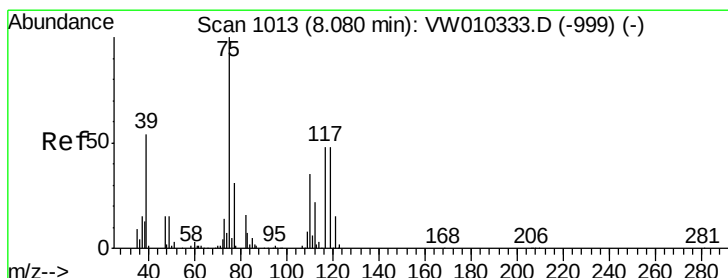
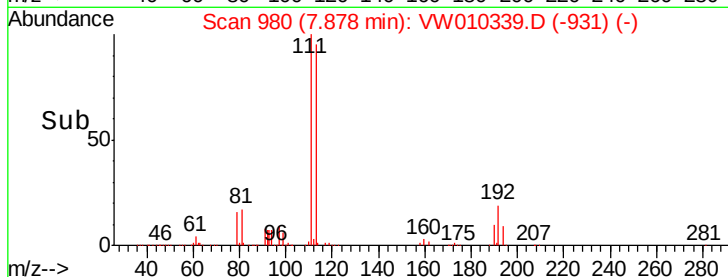
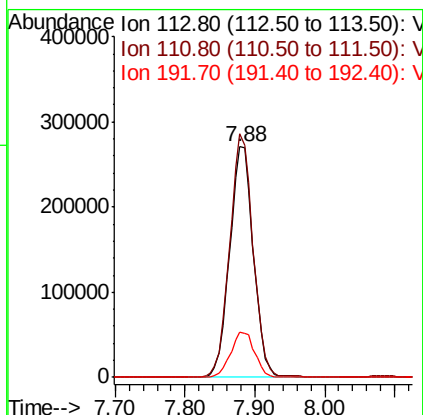
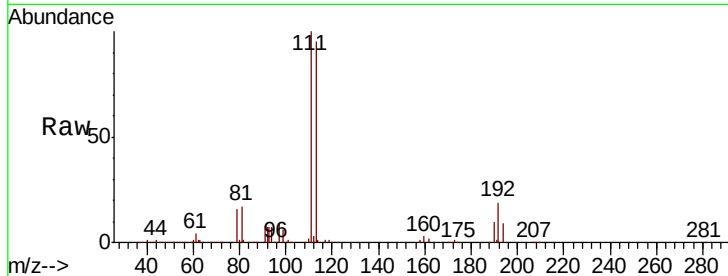




#35
 Dibromofluoromethane
 Concen: 52.929 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

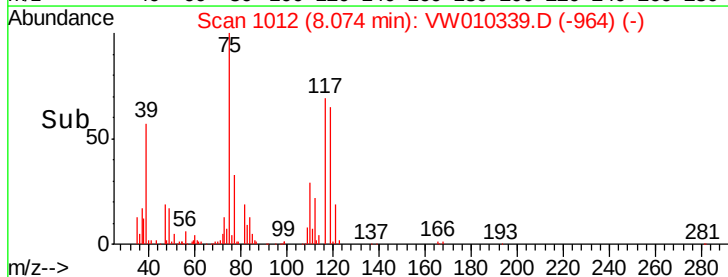
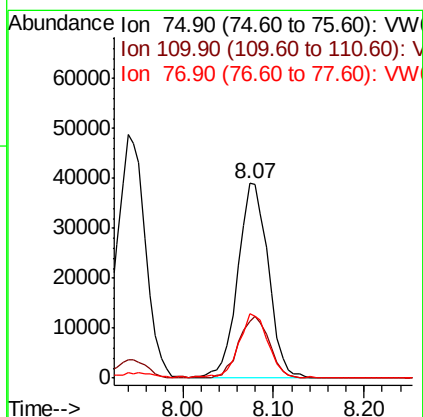
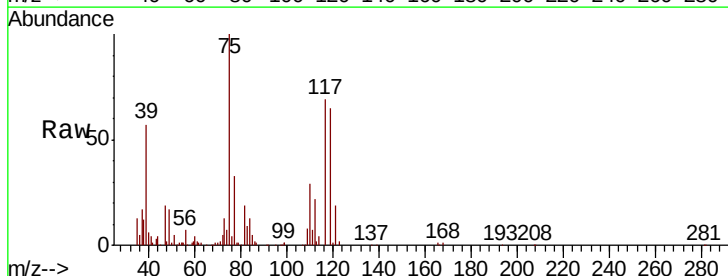
Instrument :
 MSVOA_W
 ClientSampleId :

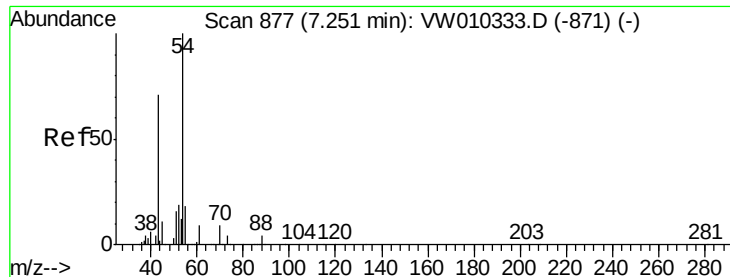
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.9	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.086 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	16.6	49.8
77	32.2	24.8	37.2

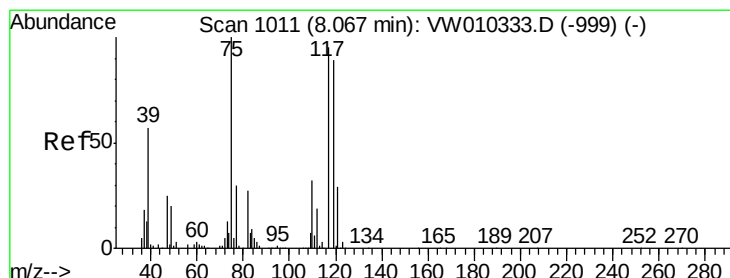
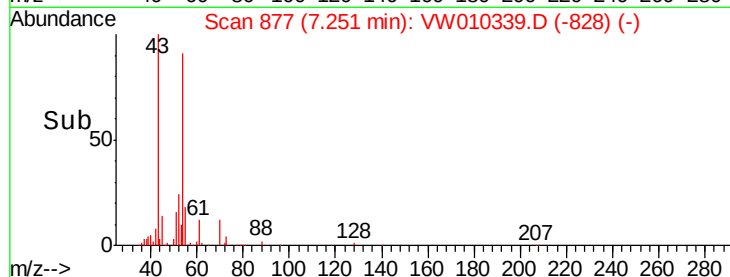
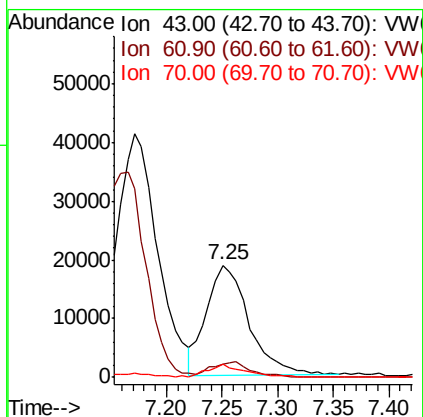
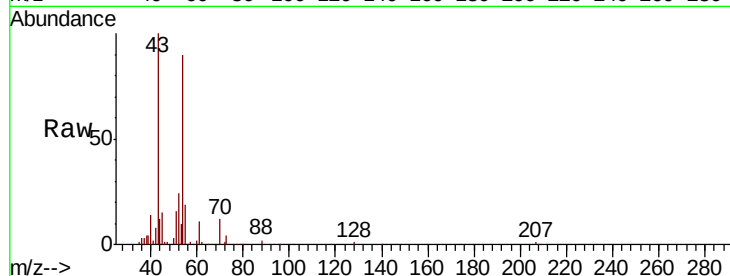




#37
Ethyl Acetate
Concen: 4.247 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

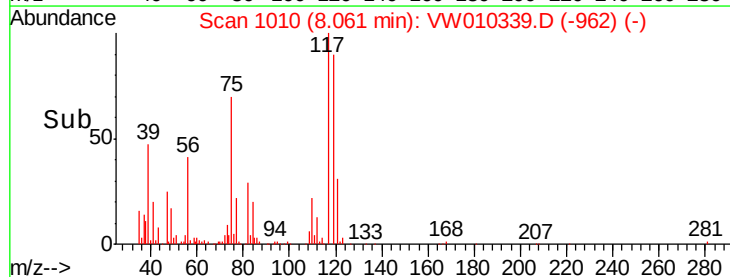
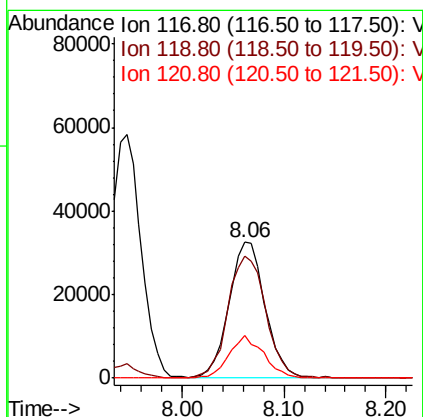
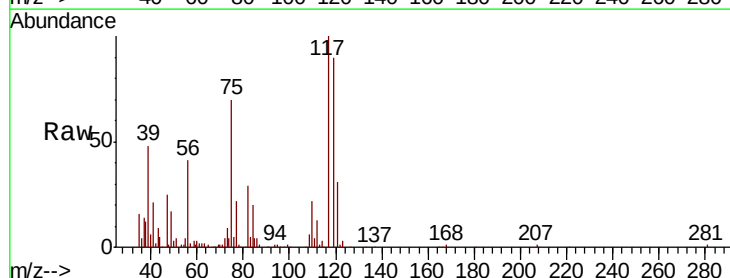
Instrument :
MSVOA_W
ClientSampled :

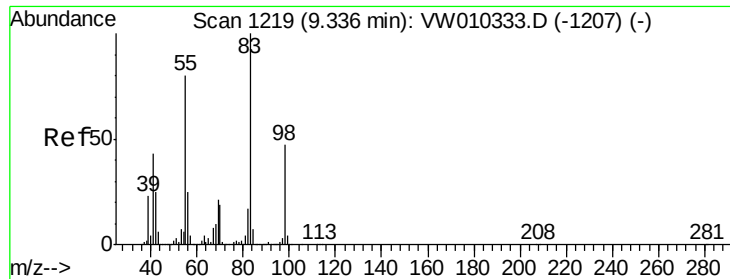
Tot Ion: 43 Resp: 50468
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.8
70 10.6 7.4 11.0



#38
Carbon Tetrachloride
Concen: 4.181 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 117 Resp: 79995
Ion Ratio Lower Upper
117 100
119 90.2 75.3 112.9
121 31.2 24.4 36.6

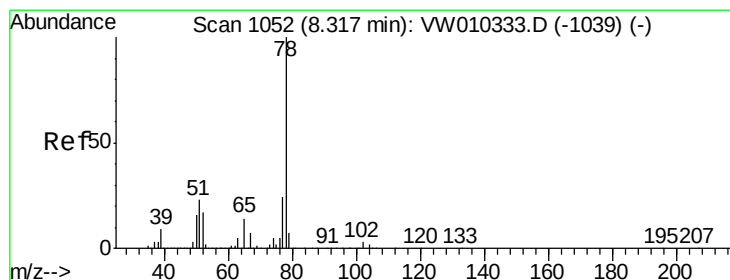
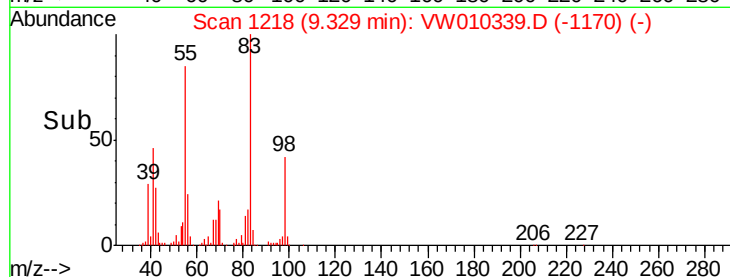
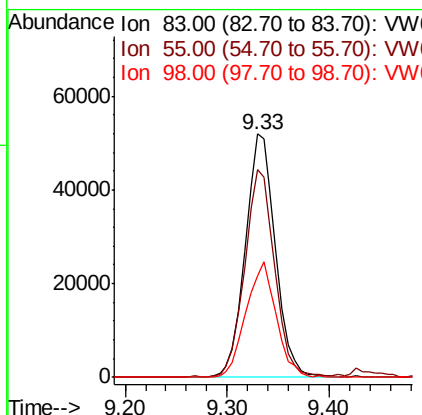
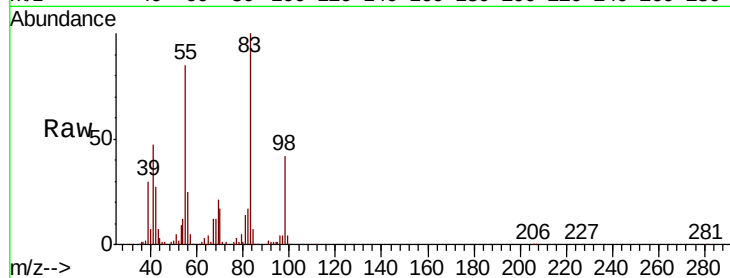




#39
Methylvlcyclohexane
Concen: 3.912 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

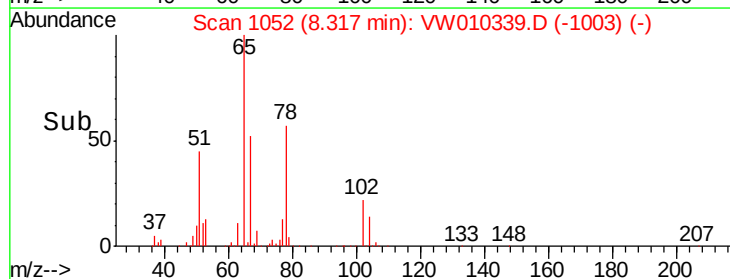
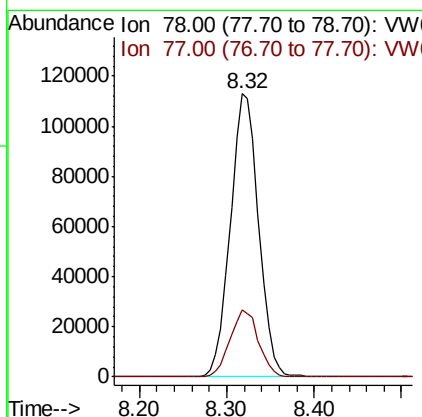
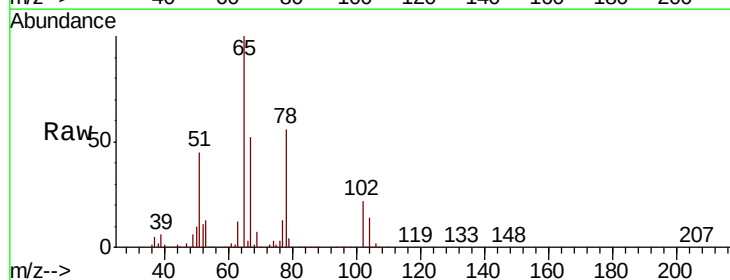
Instrument :
MSVOA_W
ClientSampleId :

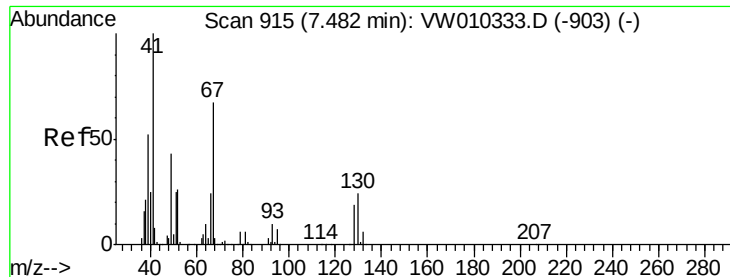
Tot Ion: 83 Resp: 106815
Ion Ratio Lower Upper
83 100
55 85.3 67.1 100.7
98 41.7 39.2 58.8



#40
Benzene
Concen: 4.152 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 78 Resp: 253744
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 3.733 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 24879

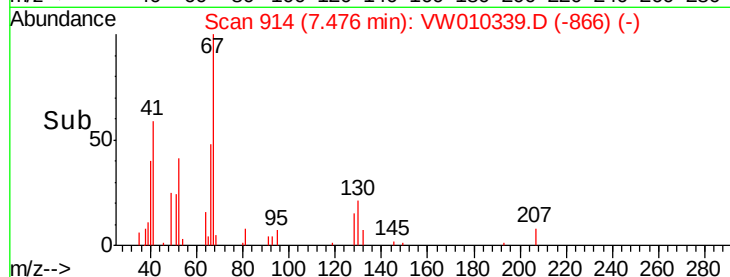
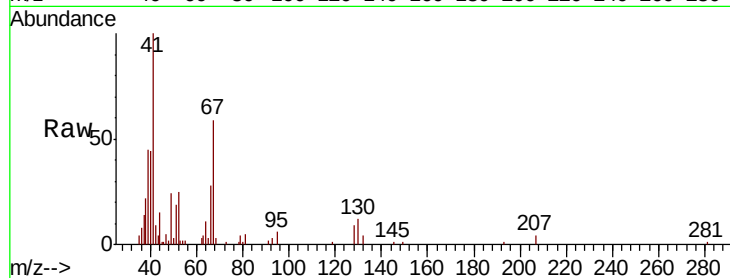
Ion Ratio Lower Upper

41 100

39 52.4 45.0 67.4

67 72.1 50.7 76.1

52 28.8 22.6 33.8

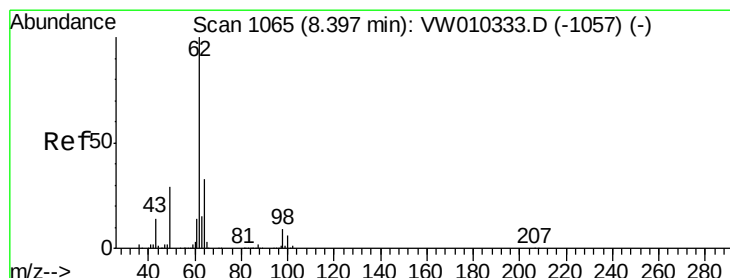
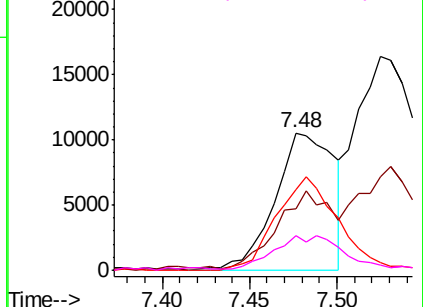


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 4.291 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010339.D

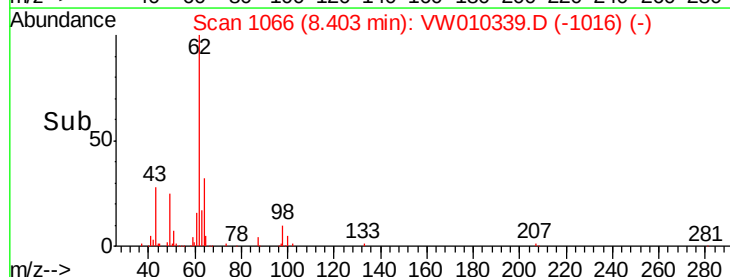
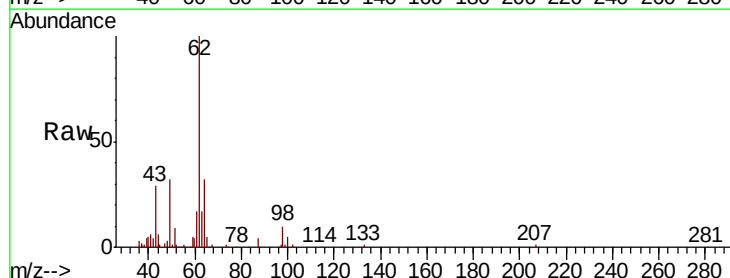
Acq: 09 May 2019 16:24

Tgt Ion: 62 Resp: 75078

Ion Ratio Lower Upper

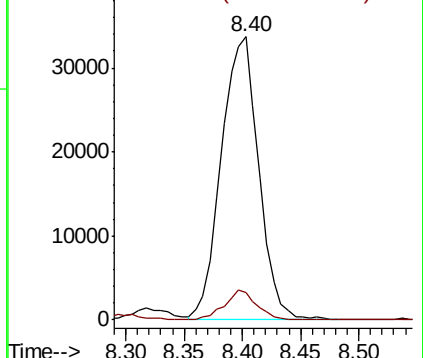
62 100

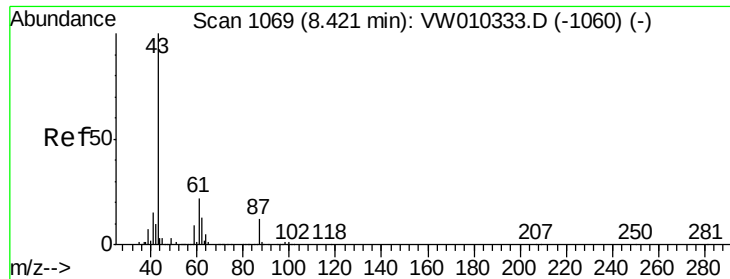
98 8.9 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 3.961 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

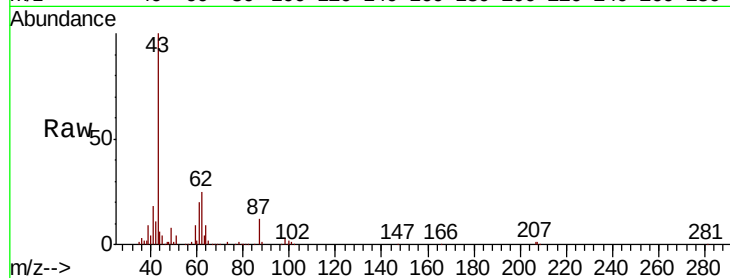
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 78060

Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.6
87	12.9	9.3	13.9

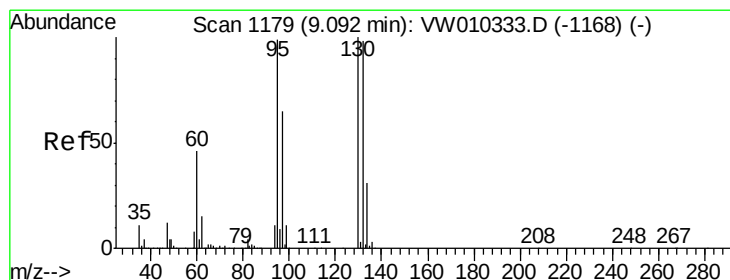
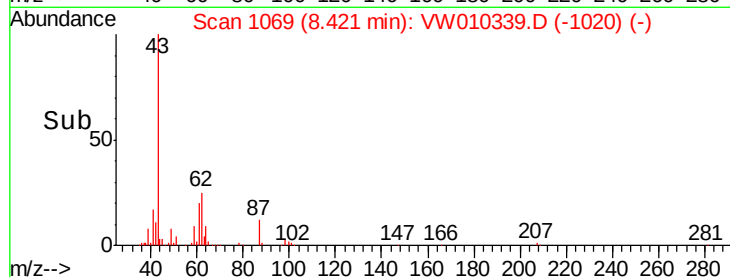
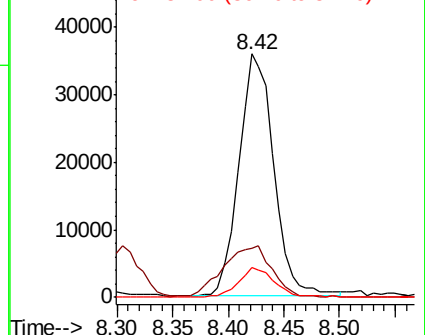


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.177 ug/l

RT: 9.09 min Scan# 1178

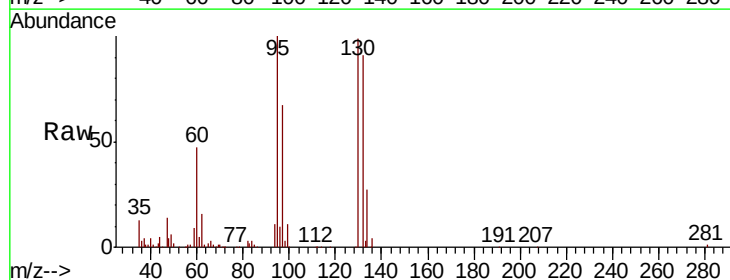
Delta R.T. -0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Tgt Ion: 130 Resp: 63918

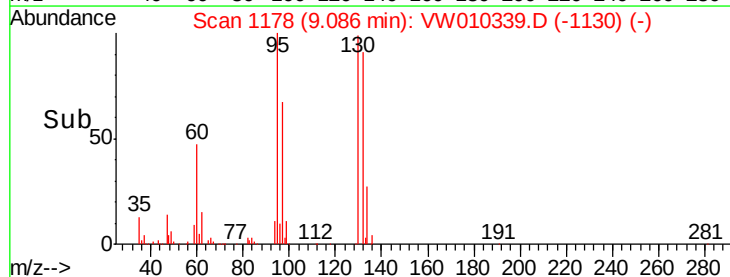
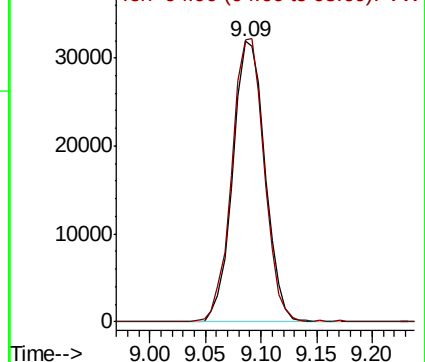
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	205.4

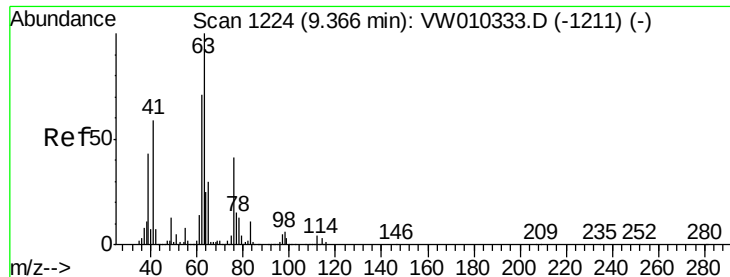


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

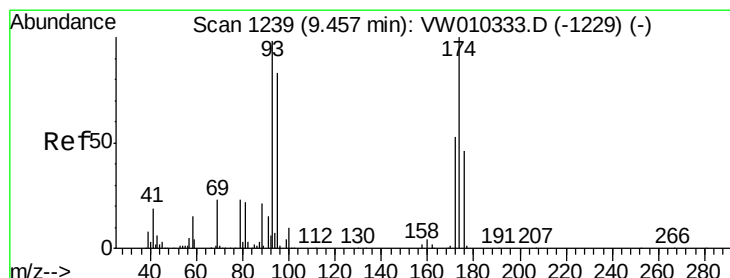
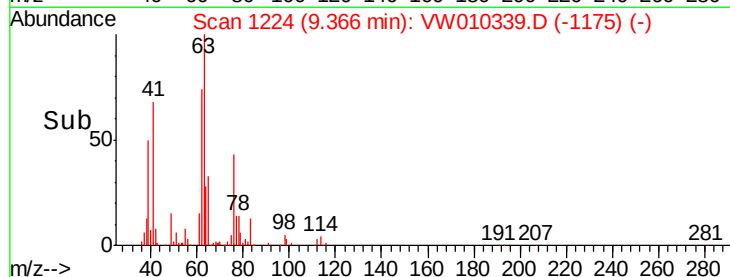
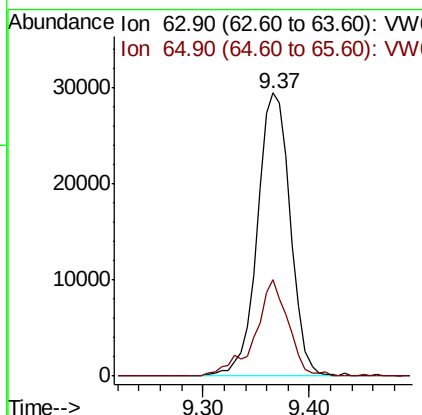
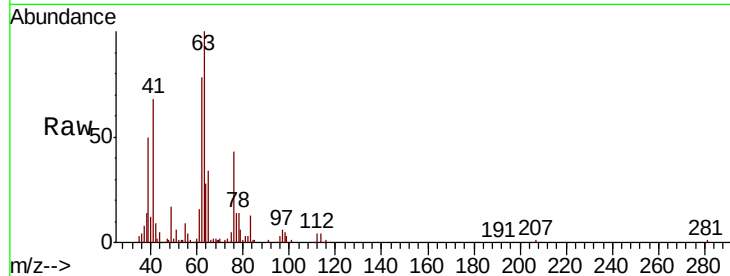




#45
 1,2-Dichloropropane
 Concen: 4.186 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

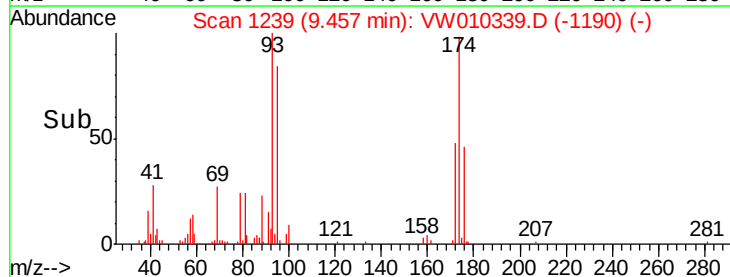
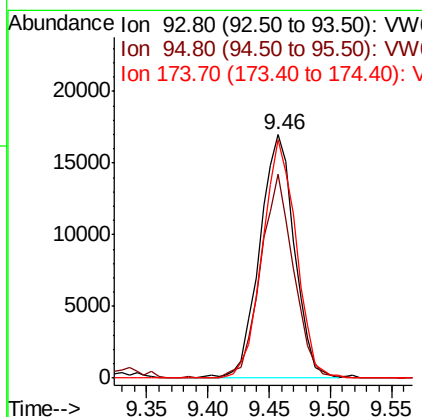
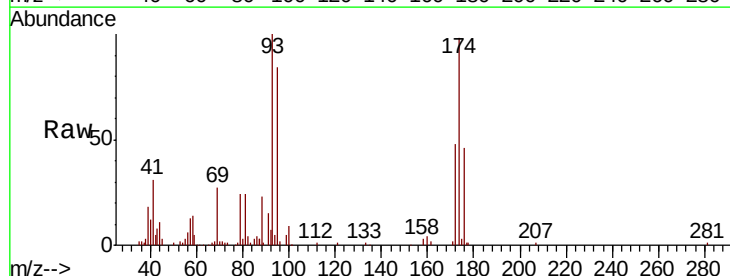
Instrument :
 MSVOA_W
 ClientSampled :

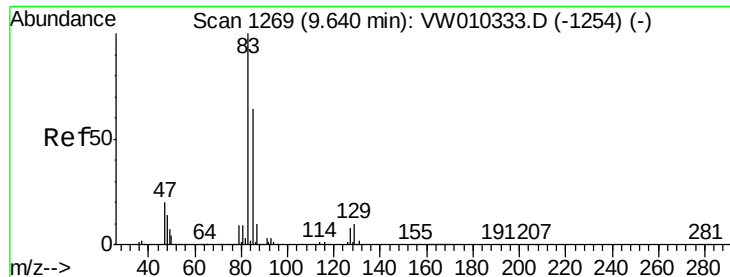
Tot Ion: 63 Resp: 63597
 Ion Ratio Lower Upper
 63 100
 65 34.0 23.8 35.6



#46
 Dibromomethane
 Concen: 4.266 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion: 93 Resp: 33485
 Ion Ratio Lower Upper
 93 100
 95 79.7 65.8 98.8
 174 95.7 75.5 113.3





#47

Bromodichloromethane

Concen: 4.099 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

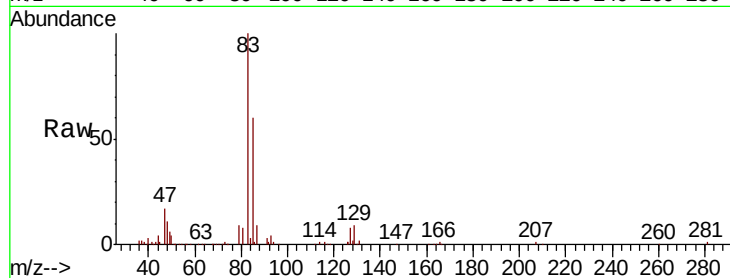
Tot Ion: 83 Resp: 77177

Ion Ratio Lower Upper

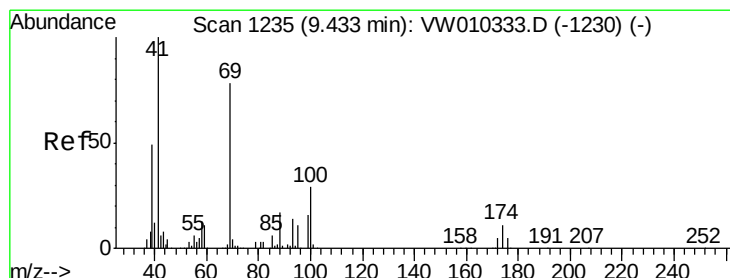
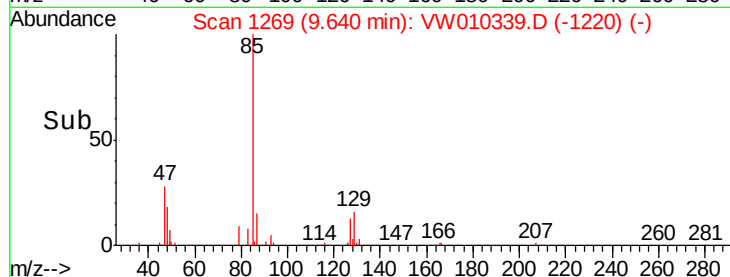
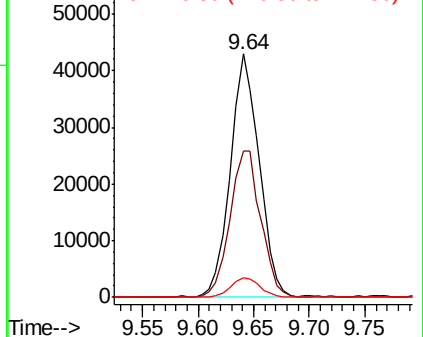
83 100

85 59.9 50.6 75.8

127 8.1 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): VW



#48

Methyl methacrylate

Concen: 3.613 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

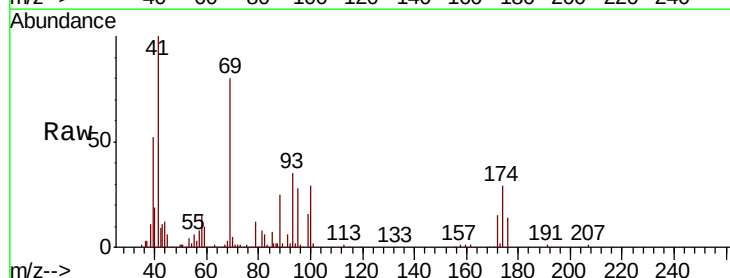
Tgt Ion: 41 Resp: 33667

Ion Ratio Lower Upper

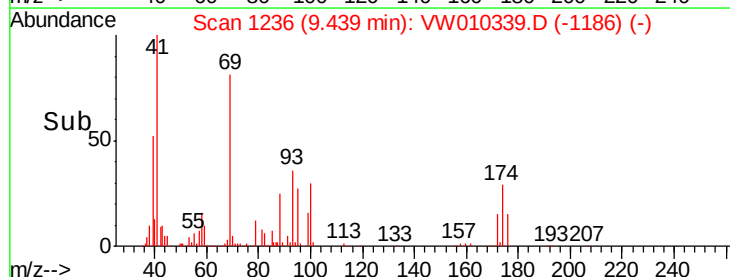
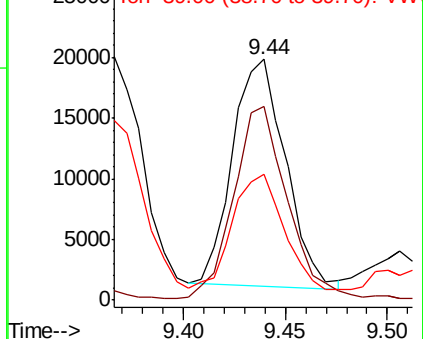
41 100

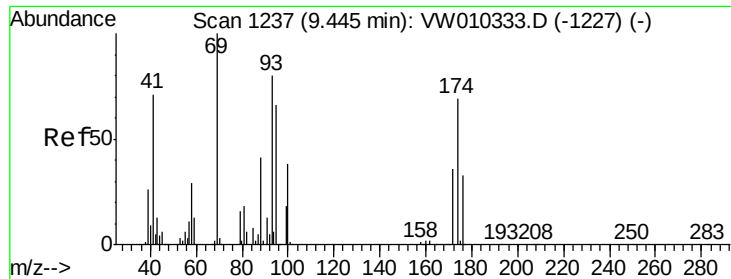
69 87.5 60.1 90.1

39 58.1 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

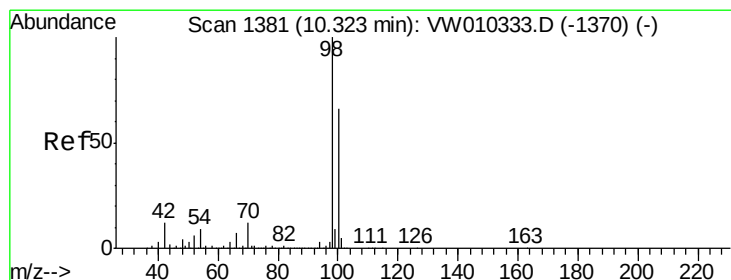
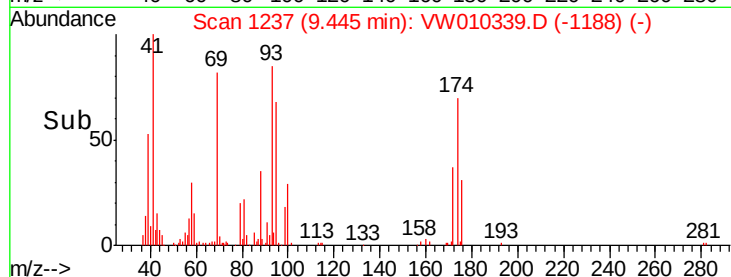
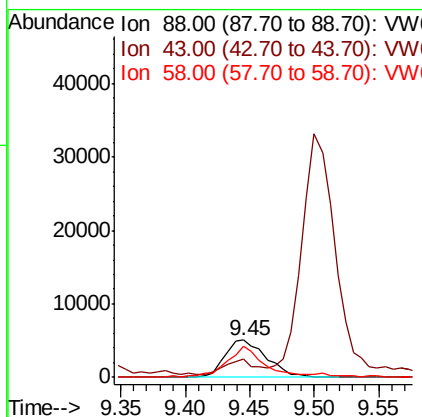
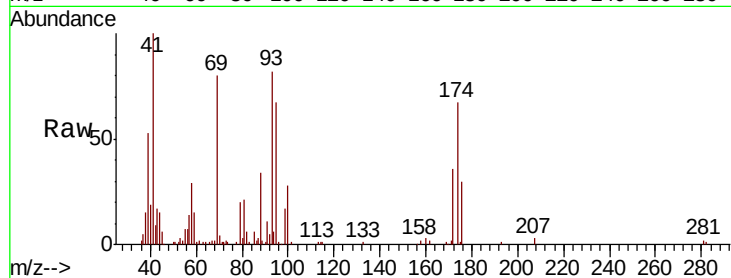




#49
1,4-Dioxane
Concen: 82.873 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

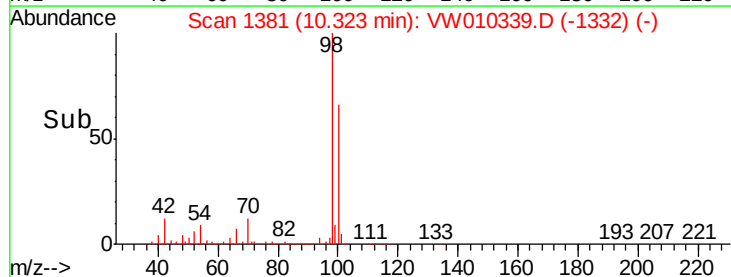
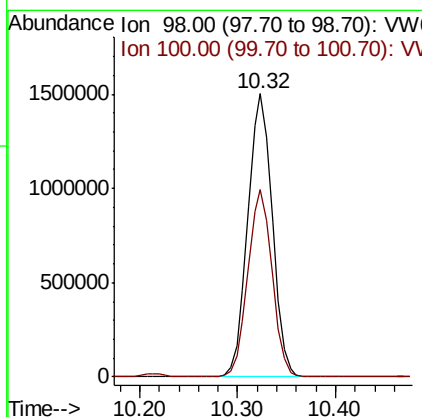
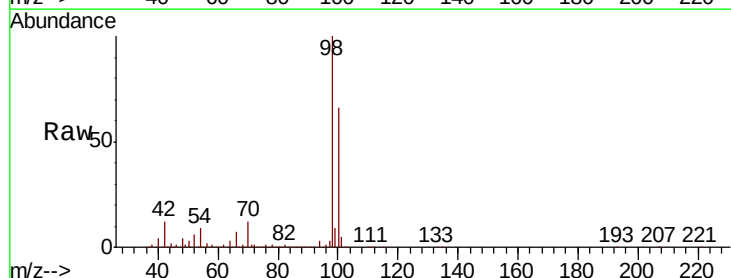
Instrument :
MSVOA_W
ClientSampleId :

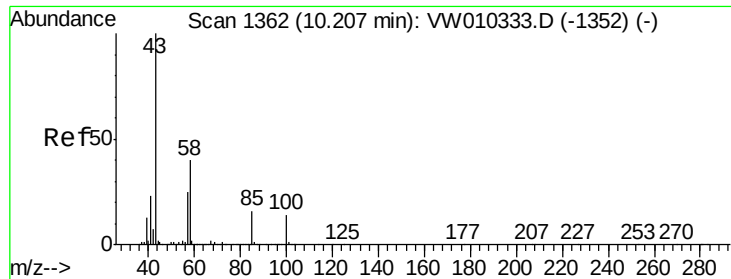
Tot Ion: 88 Resp: 11343
Ion Ratio Lower Upper
88 100
43 30.5 31.9 47.9#
58 75.0 61.8 92.6



#50
Toluene-d8
Concen: 53.252 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 98 Resp: 2611827
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

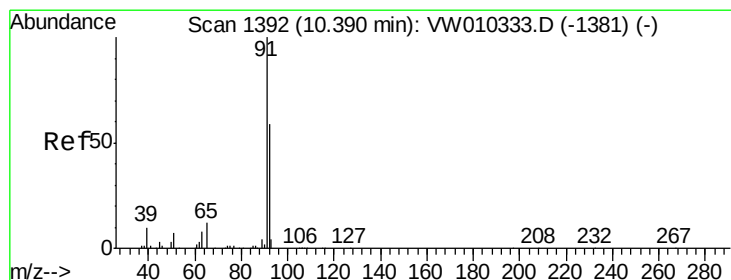
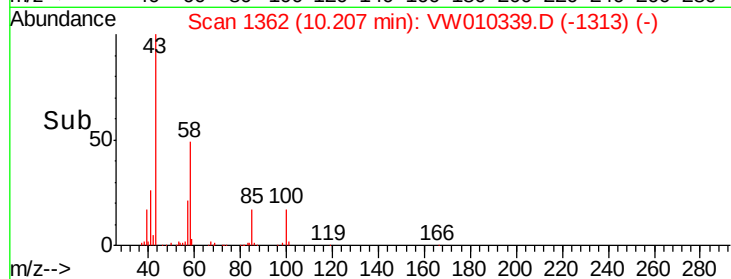
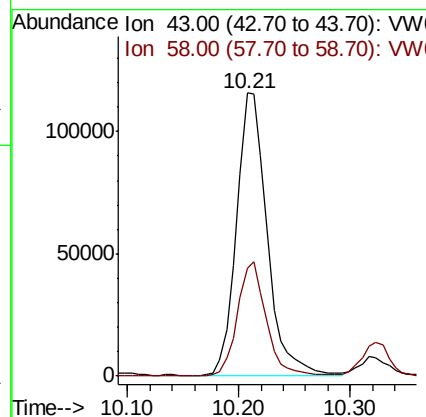
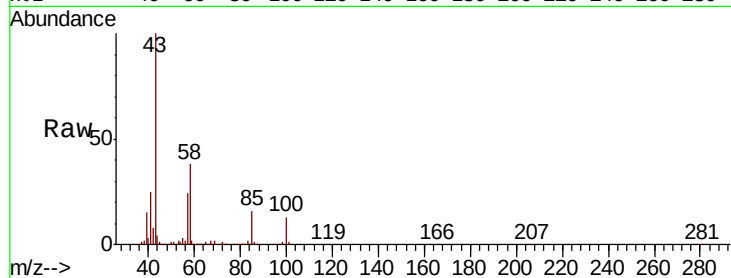




#51
 4-Methyl-2-Pentanone
 Concen: 19.461 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

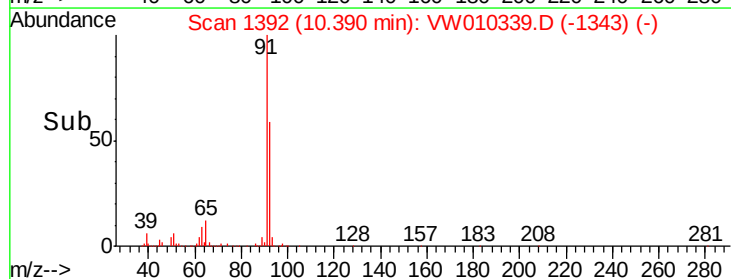
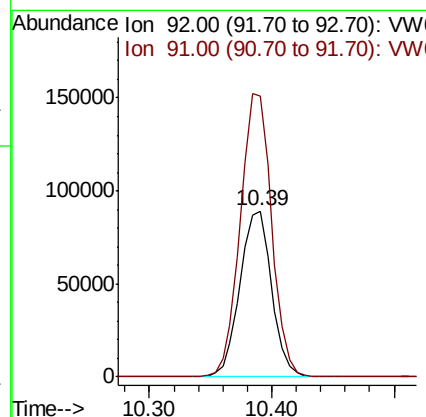
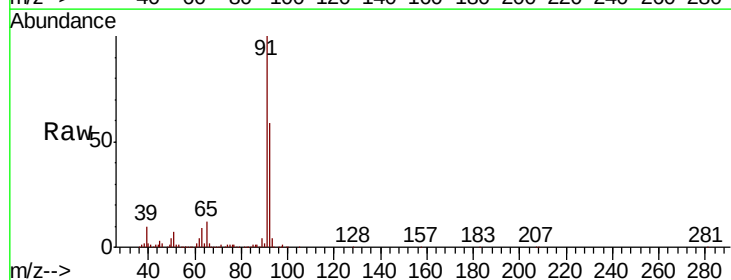
Instrument :
 MSVOA_W
 ClientSampled :

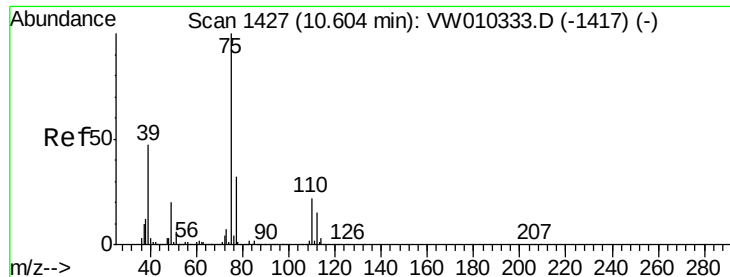
Tot Ion: 43 Resp: 219915
 Ion Ratio Lower Upper
 43 100
 58 37.9 28.9 43.3



#52
 Toluene
 Concen: 4.259 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion: 92 Resp: 159118
 Ion Ratio Lower Upper
 92 100
 91 170.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 3.794 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

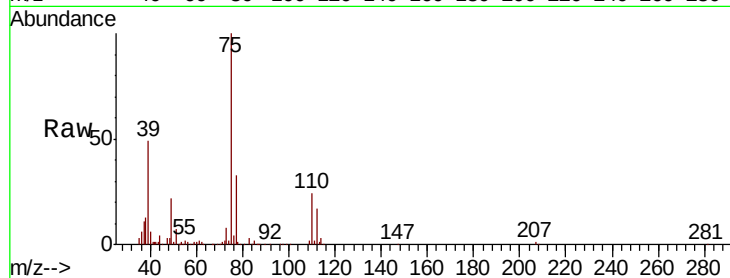
ClientSampleId :

Tot Ion: 75 Resp: 72352

Ion Ratio Lower Upper

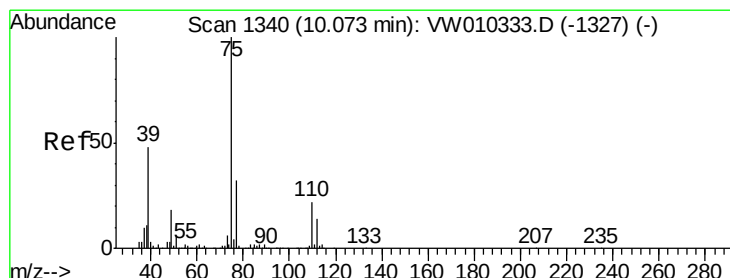
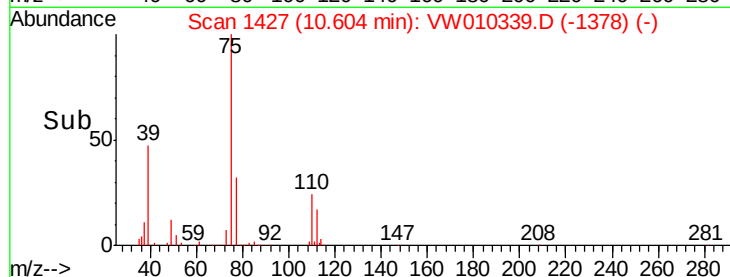
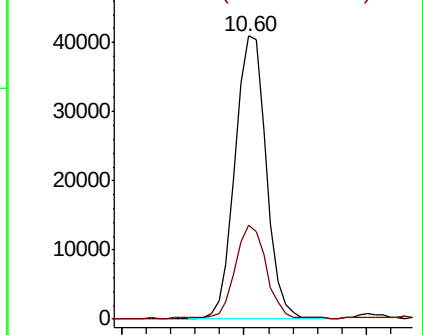
75 100

77 32.6 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: 3.837 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

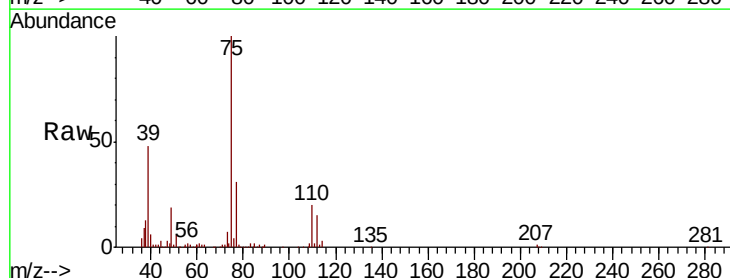
Tgt Ion: 75 Resp: 86667

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

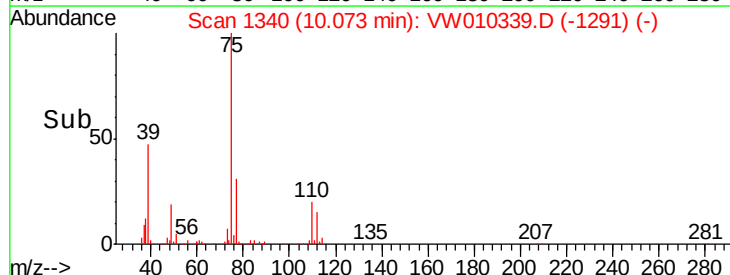
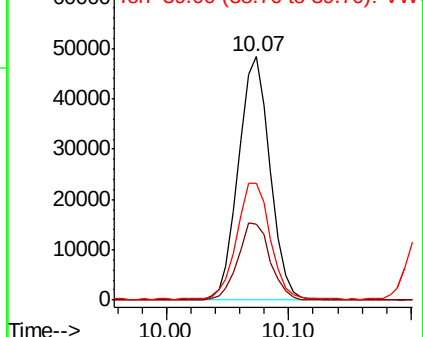
39 47.4 47.8 71.6#

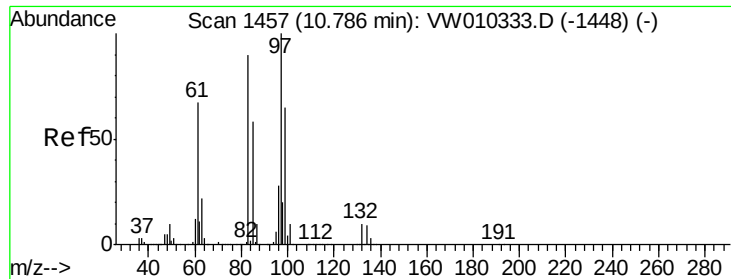


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

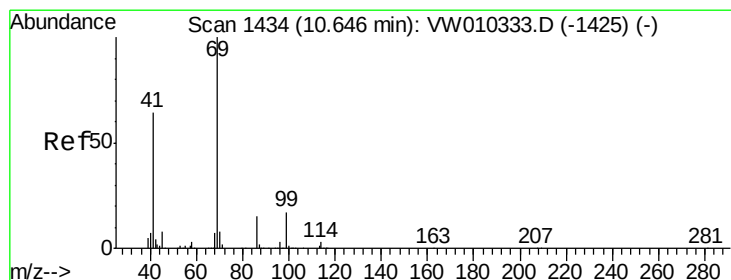
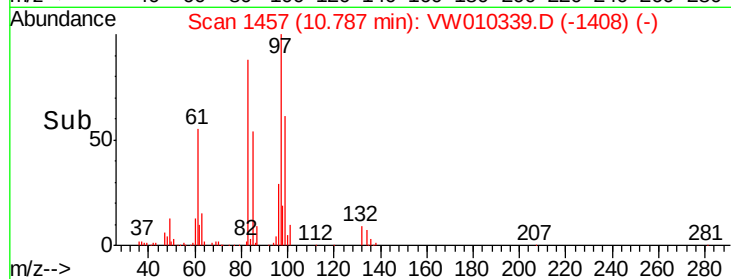
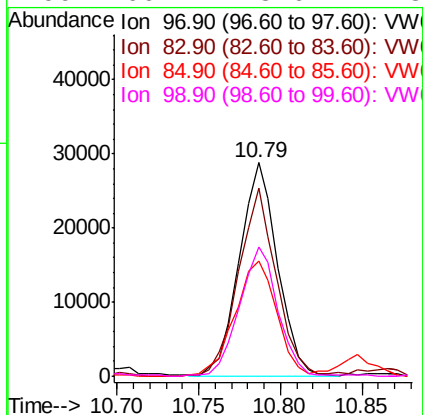
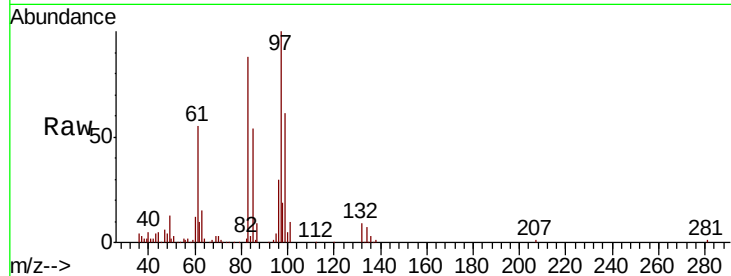




#55
 1,1,2-Trichloroethane
 Concen: 4.212 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

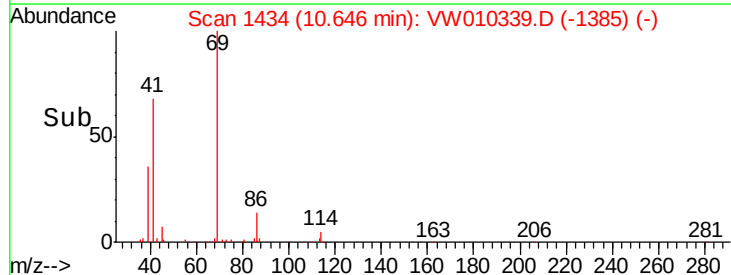
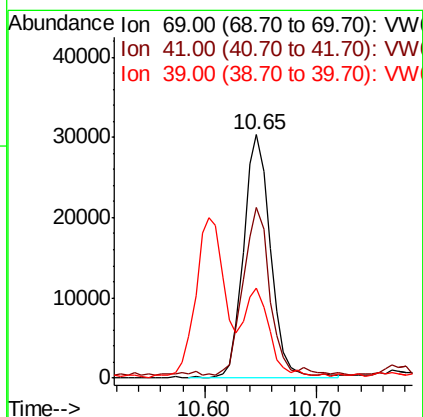
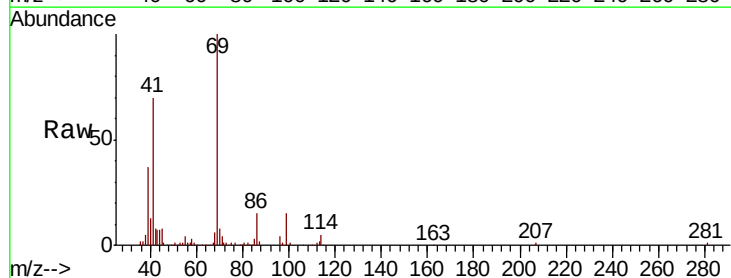
Instrument :
 MSVOA_W
 ClientSampleId :

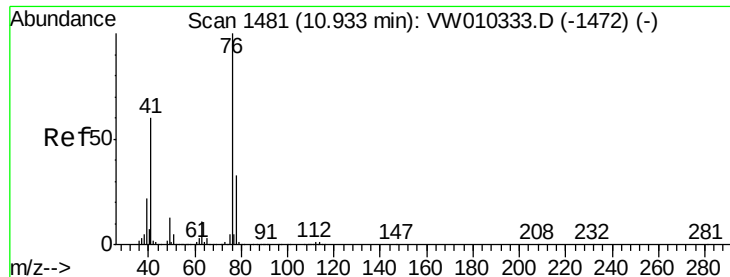
Tot Ion:	97	Resp:	46952
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.9	103.3
85	53.3	42.9	64.3
99	60.1	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 3.453 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion:	69	Resp:	50825
Ion	Ratio	Lower	Upper
69	100		
41	66.8	61.0	91.6
39	32.8	33.8	50.6#

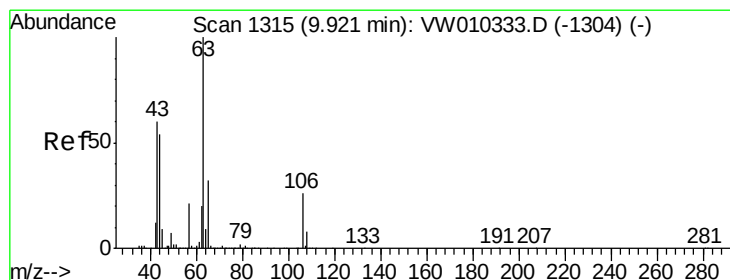
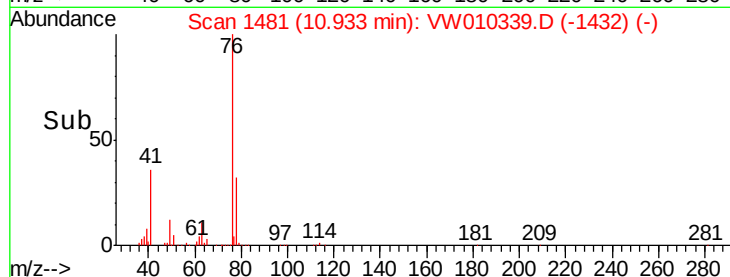
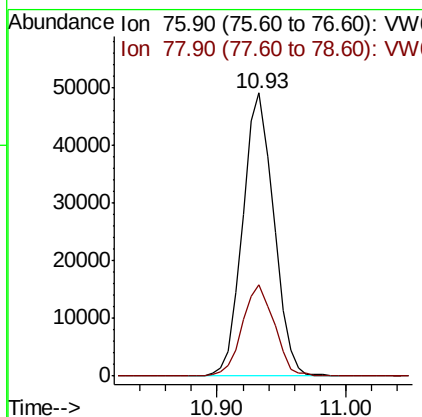
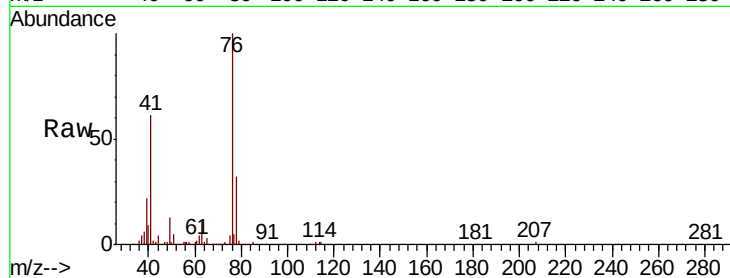




#57
 1,3-Dichloropropane
 Concen: 4.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

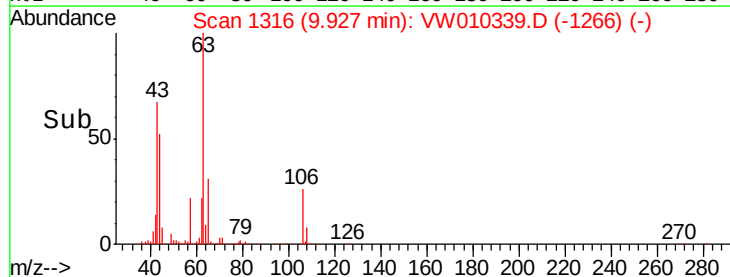
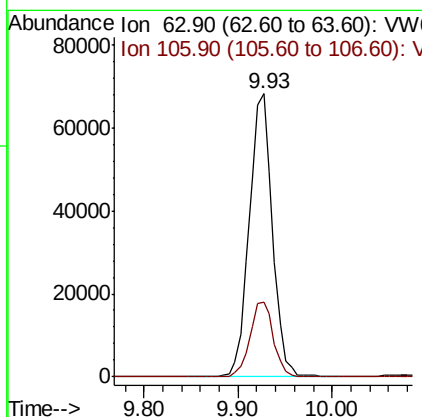
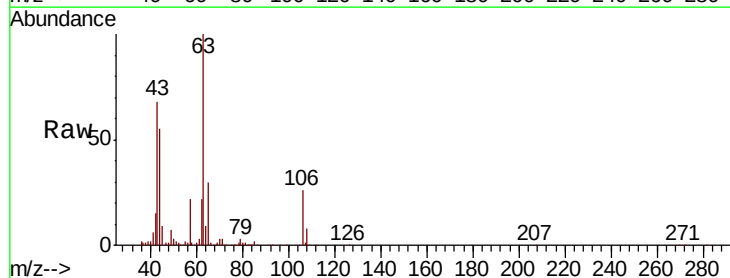
Instrument :
 MSVOA_W
 ClientSampled :

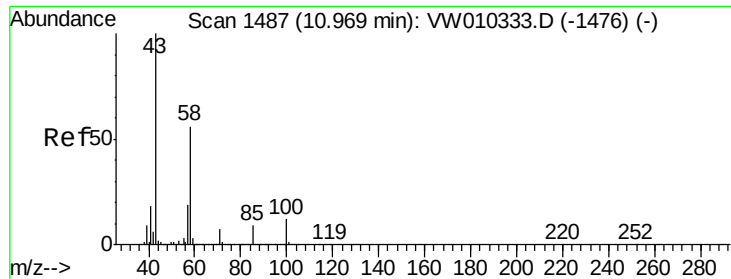
Tot Ion: 76 Resp: 81723
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.708 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion: 63 Resp: 117762
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.4 32.0

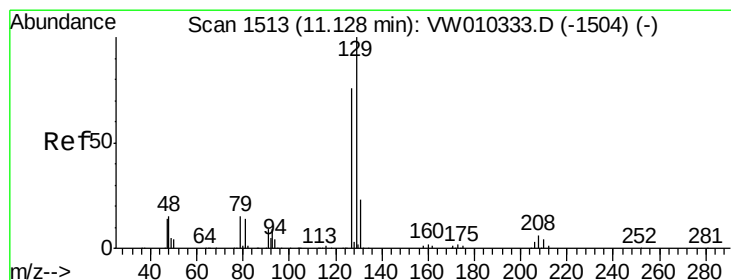
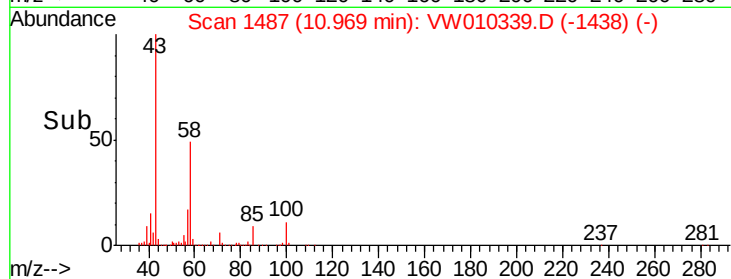
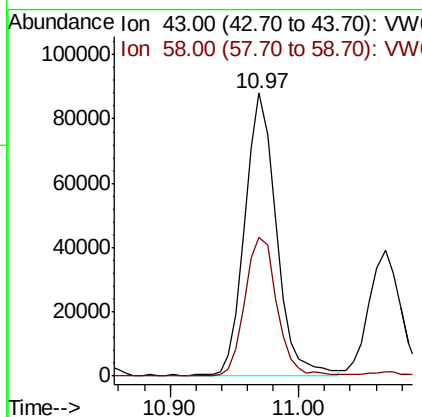
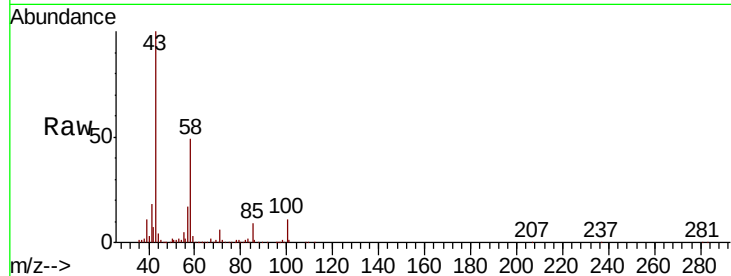




#59
2-Hexanone
Concen: 18.494 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

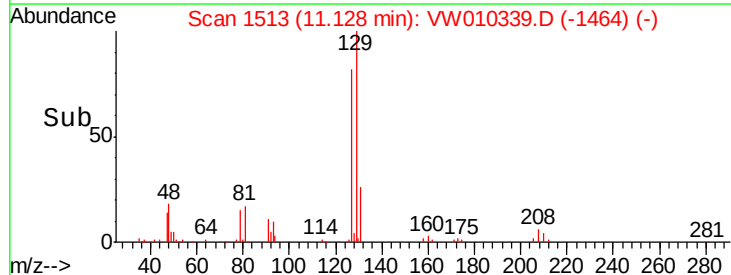
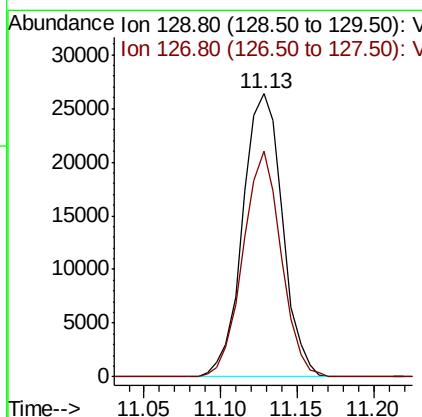
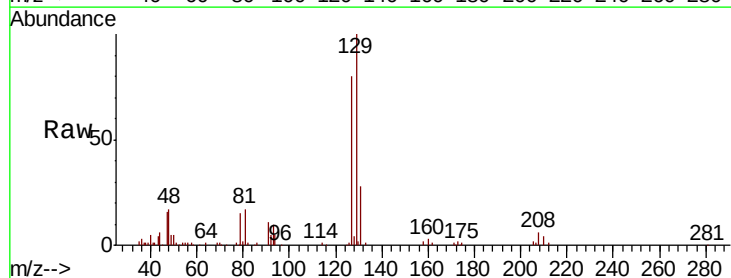
Instrument :
MSVOA_W
ClientSampled :

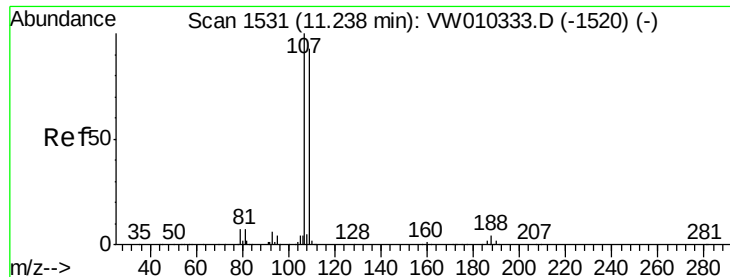
Tot Ion: 43 Resp: 147756
Ion Ratio Lower Upper
43 100
58 50.4 24.9 74.7



#60
Dibromochloromethane
Concen: 3.969 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 129 Resp: 47612
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

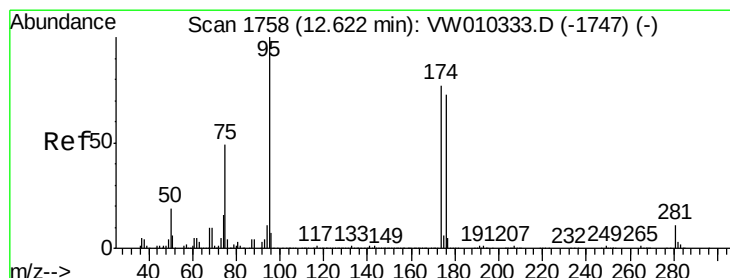
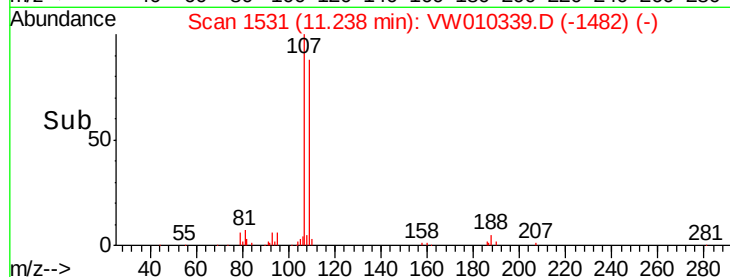
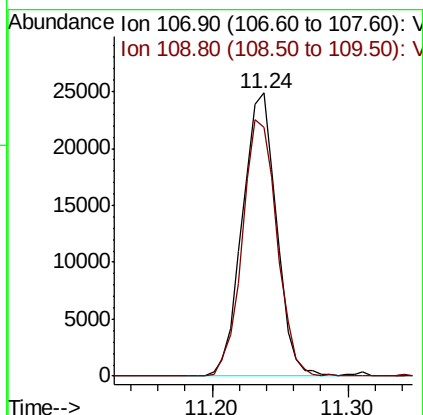
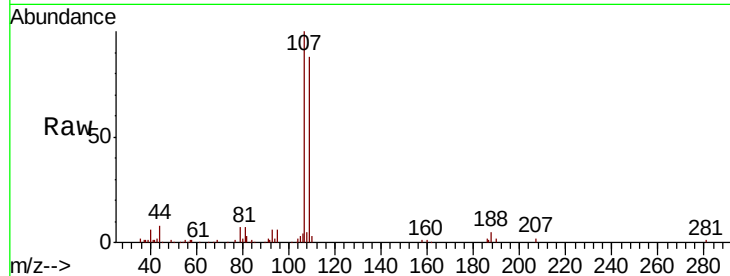




#61
 1,2-Dibromoethane
 Concen: 4.087 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

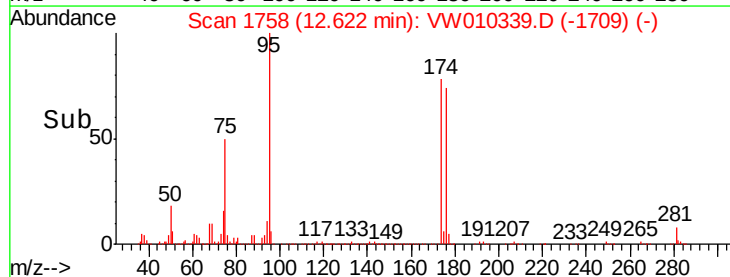
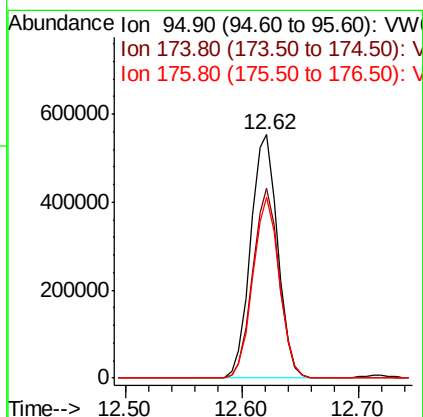
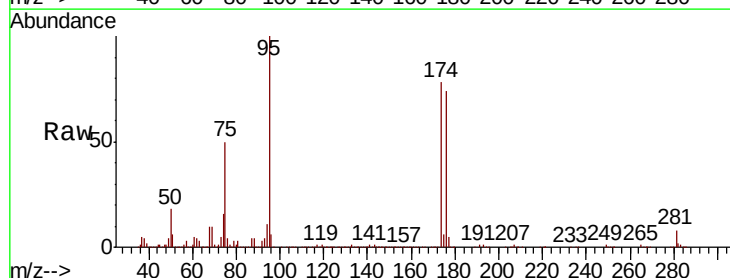
Instrument :
 MSVOA_W
 ClientSampled :

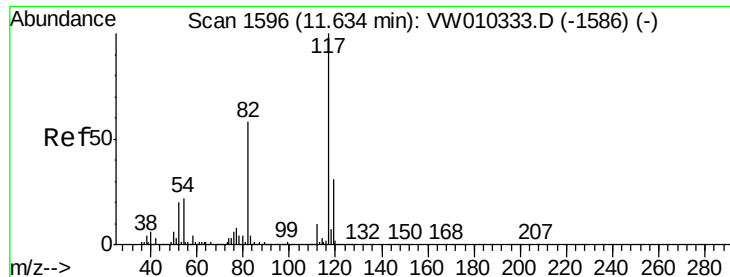
Tot Ion: 107 Resp: 43739
 Ion Ratio Lower Upper
 107 100
 109 92.2 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.083 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion: 95 Resp: 899204
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.4
 176 72.8 0.0 146.2

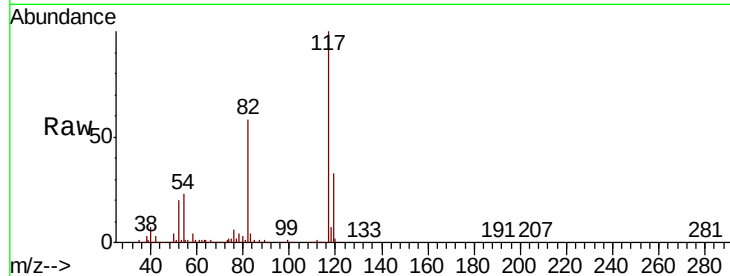




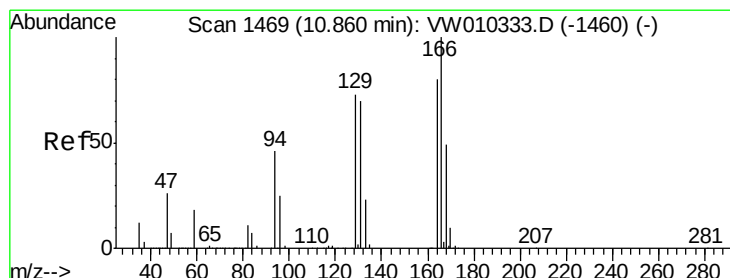
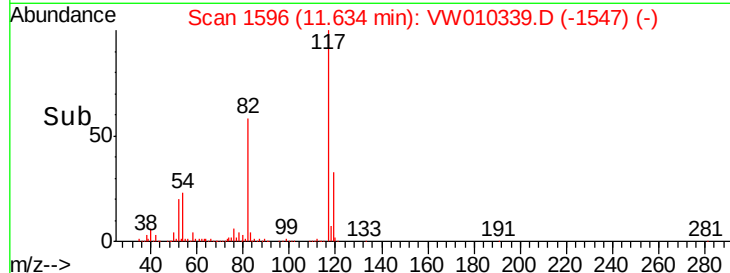
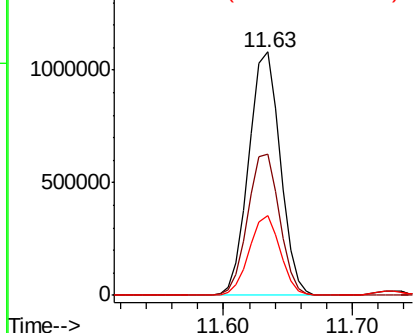
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 1821926
Ion Ratio Lower Upper
117 100
82 58.1 45.2 67.8
119 32.7 25.4 38.2

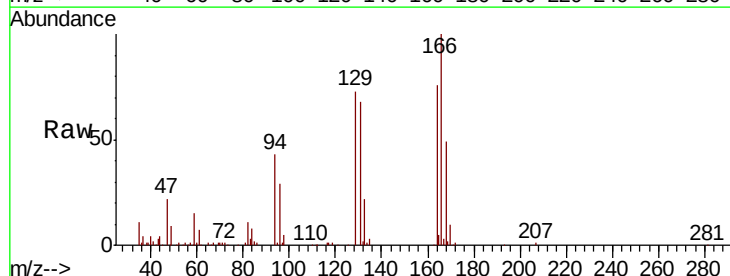


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

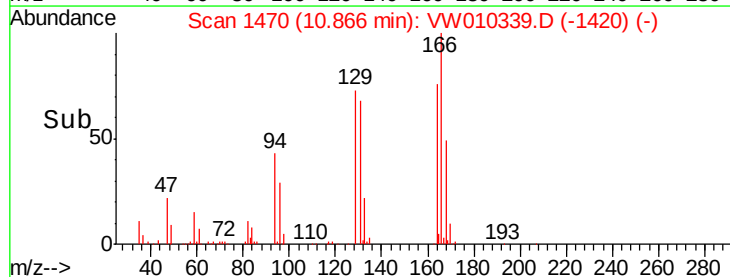
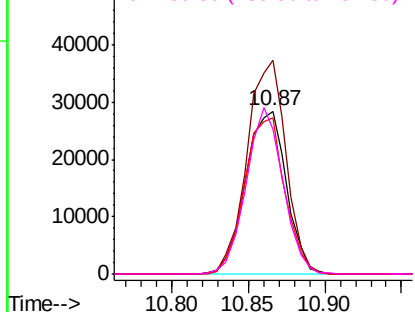


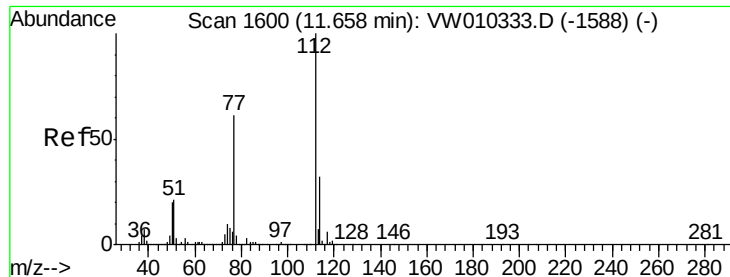
#64
Tetrachloroethene
Concen: 4.157 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion:164 Resp: 52934
Ion Ratio Lower Upper
164 100
166 131.3 101.2 151.8
129 95.8 77.8 116.6
131 88.8 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: 4.246 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

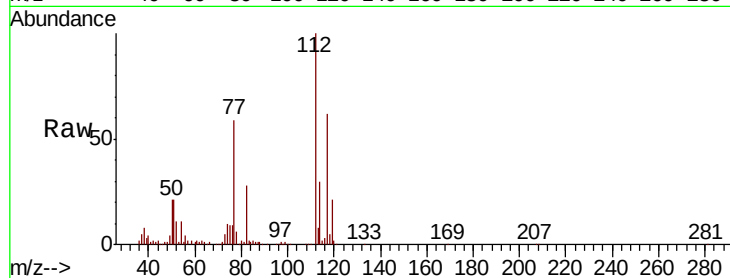
ClientSampled :

Tot Ion:112 Resp: 160136

Ion Ratio Lower Upper

112 100

114 29.8 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

60000

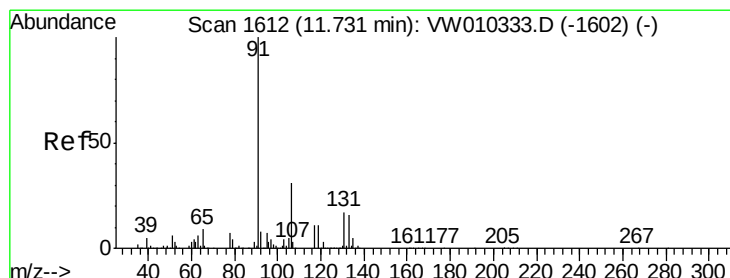
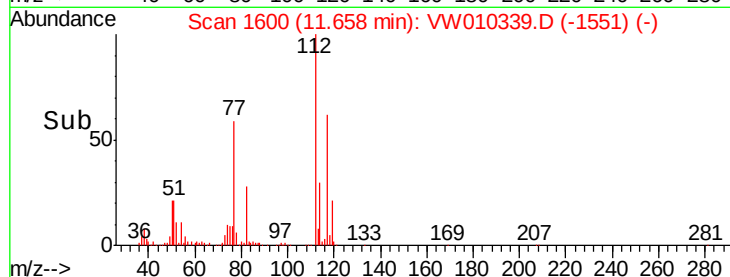
40000

20000

0

Time-->

11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 4.047 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

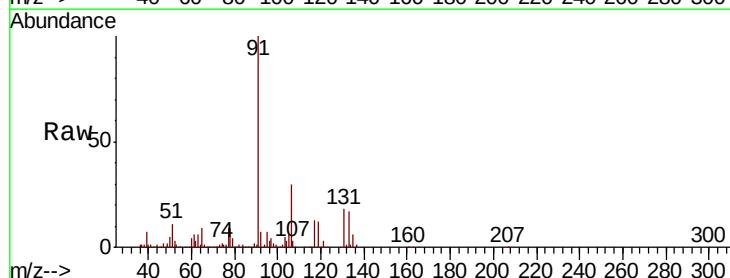
Tgt Ion:131 Resp: 51591

Ion Ratio Lower Upper

131 100

133 93.9 46.5 139.5

119 66.3 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

300000

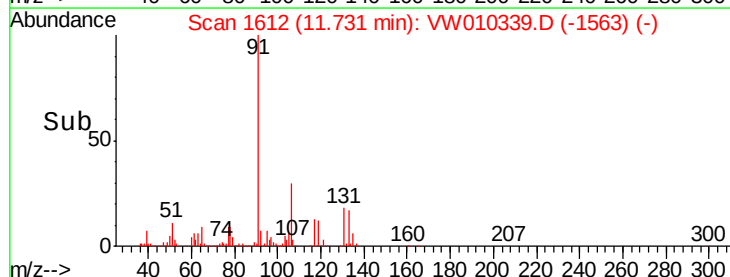
200000

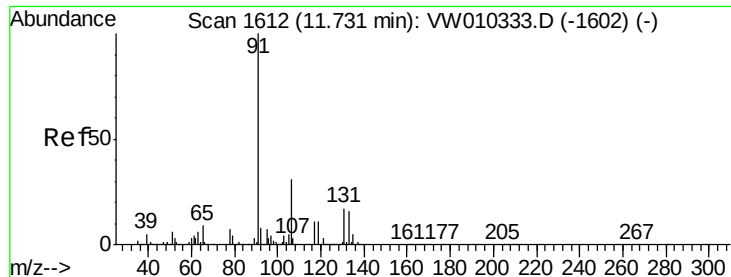
100000

0

Time-->

11.65 11.70 11.75 11.80

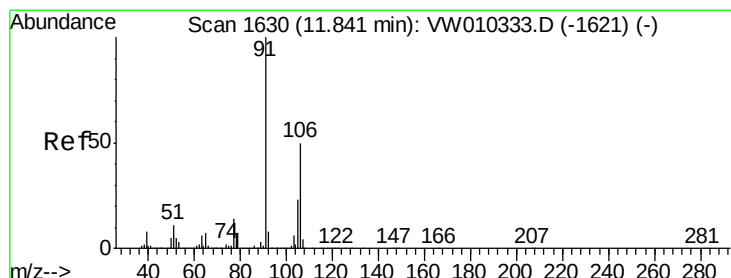
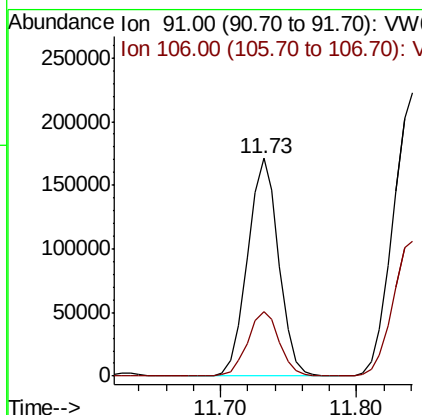
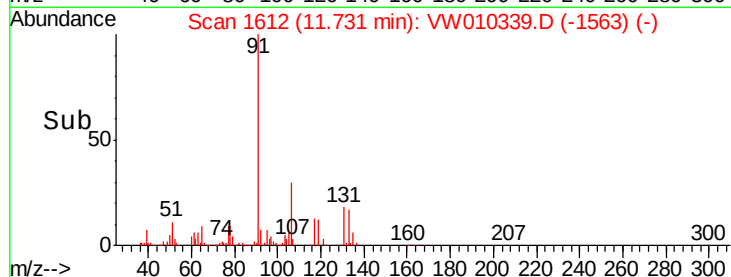
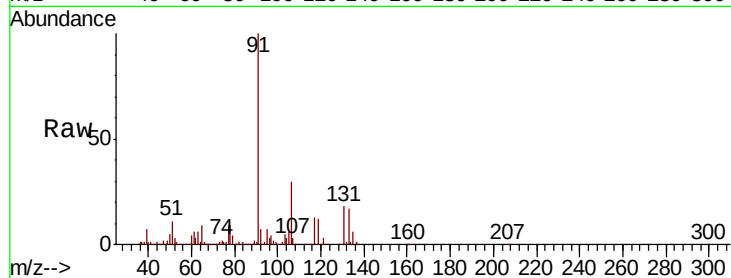




#67
Ethyl Benzene
Concen: 3.958 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

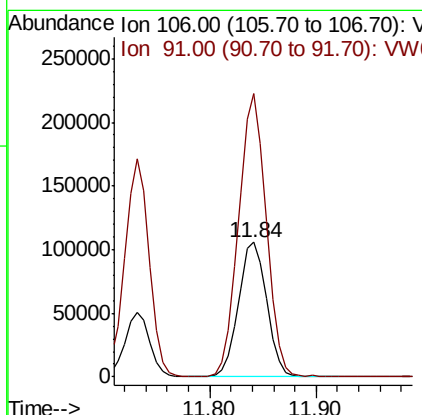
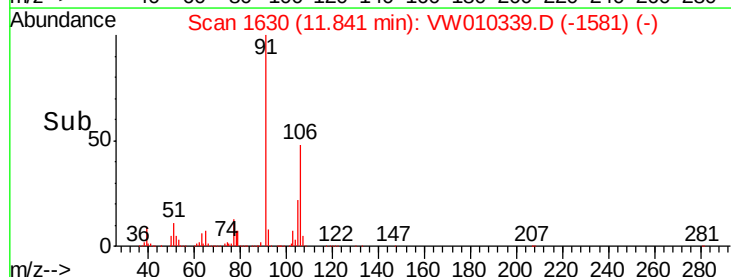
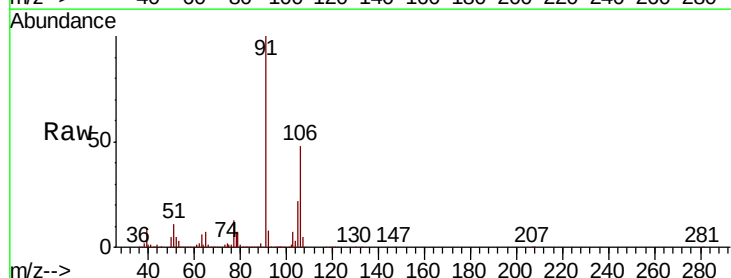
Instrument :
MSVOA_W
ClientSampled :

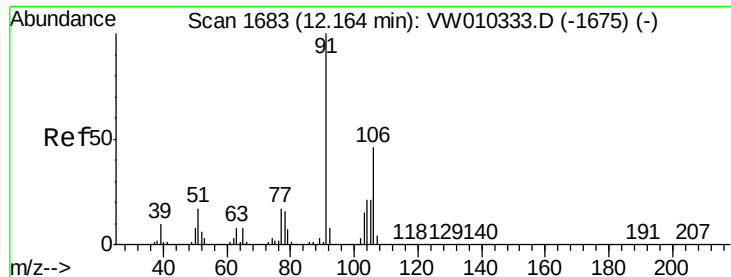
Tot Ion: 91 Resp: 274643
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 7.663 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 106 Resp: 197542
Ion Ratio Lower Upper
106 100
91 205.9 165.0 247.6

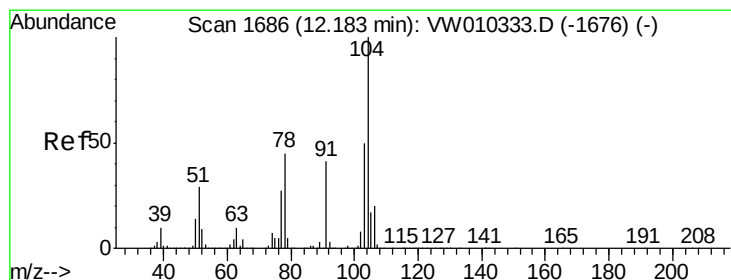
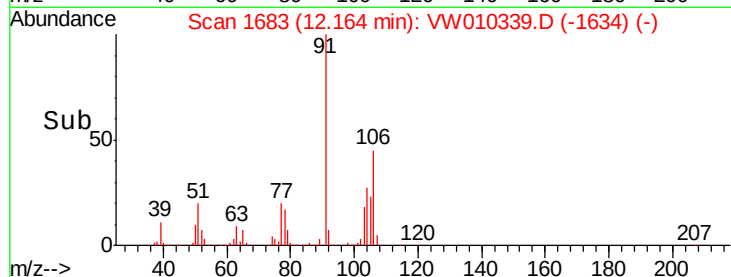
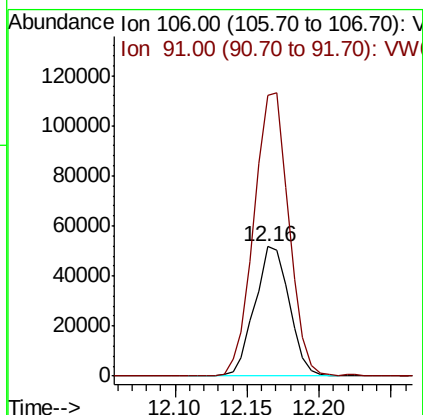
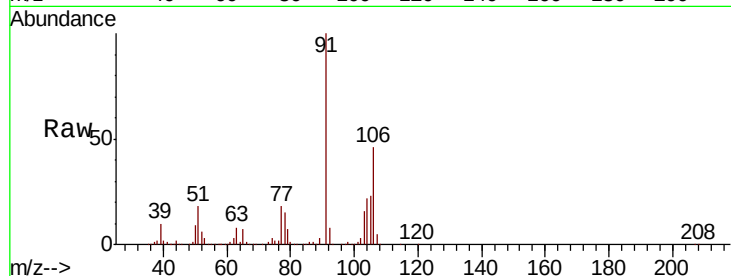




#69
o-Xylene
Concen: 3.676 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

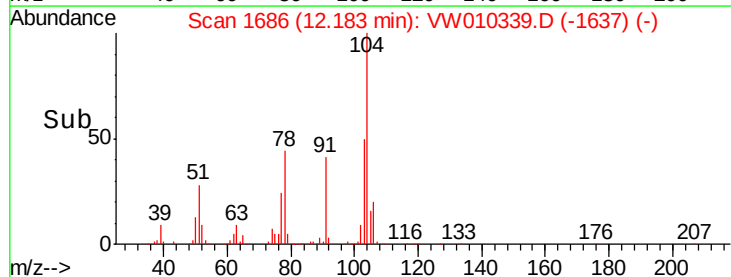
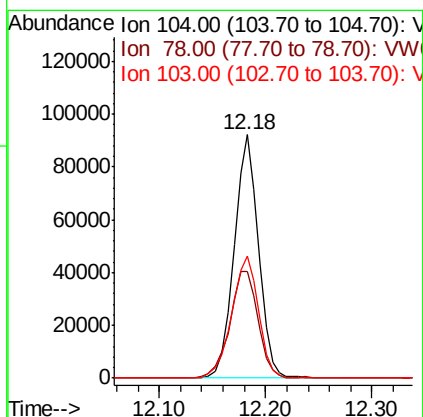
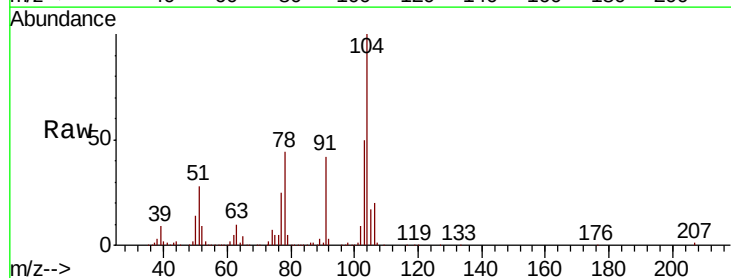
Instrument :
MSVOA_W
ClientSampled :

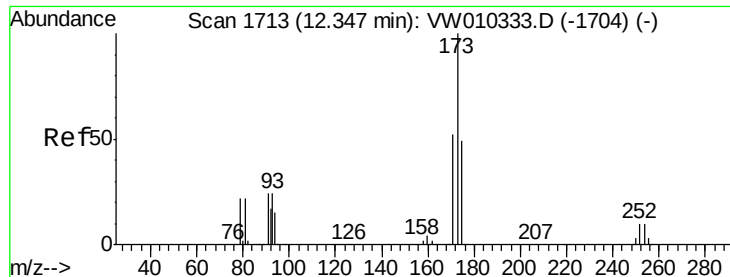
Tot Ion:106 Resp: 85713
Ion Ratio Lower Upper
106 100
91 221.7 110.5 331.4



#70
Styrene
Concen: 3.627 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion:104 Resp: 147383
Ion Ratio Lower Upper
104 100
78 51.1 42.5 63.7
103 55.2 43.6 65.4





#71

Bromoform

Concen: 3.773 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

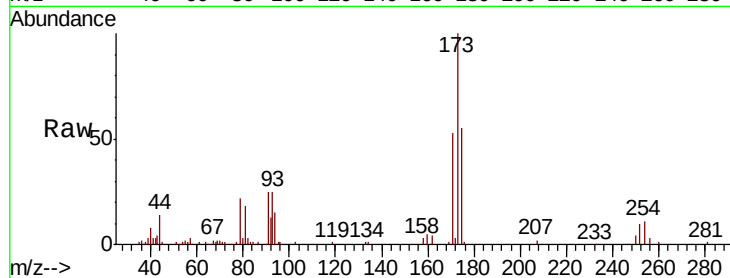
Tot Ion:173 Resp: 27496

Ion Ratio Lower Upper

173 100

175 51.1 23.8 71.4

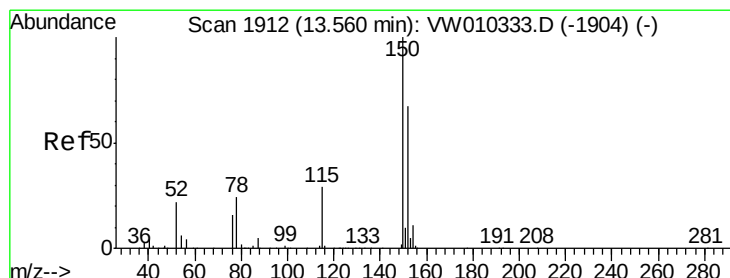
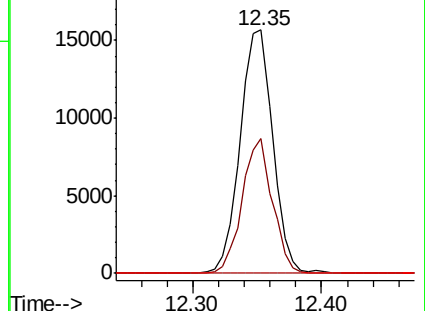
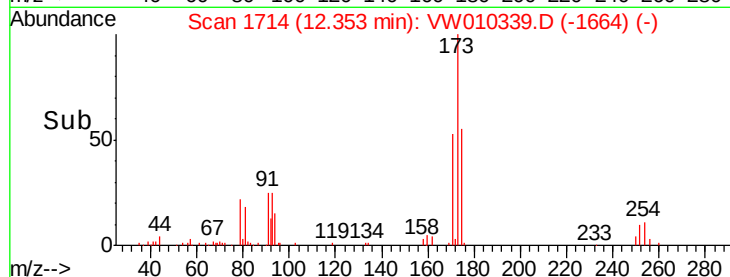
254 0.0 0.1 0.1#



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: VW010339.D

Acq: 09 May 2019 16:24

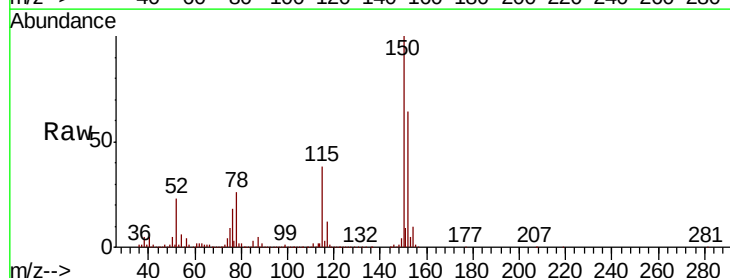
Tgt Ion:152 Resp: 898066

Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.2

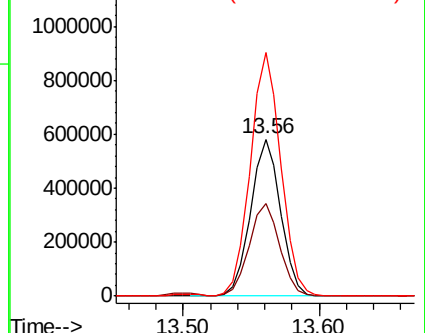
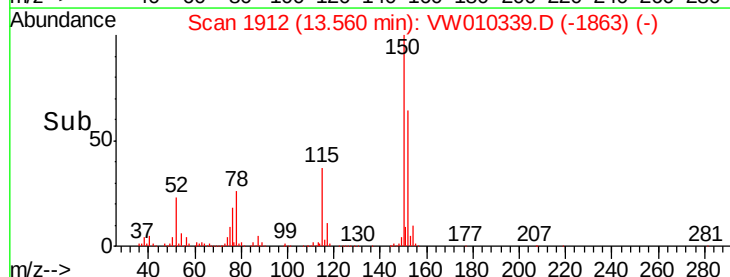
150 157.5 0.0 347.0

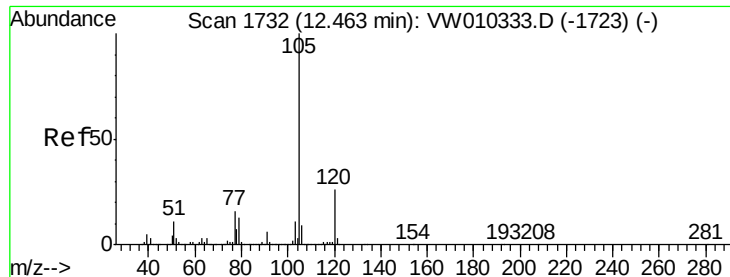


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.676 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

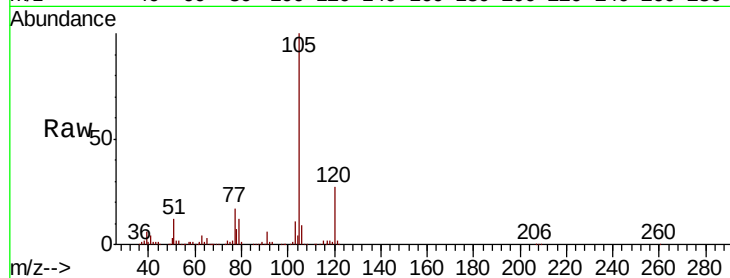
ClientSampleId :

Tot Ion:105 Resp: 240633

Ion Ratio Lower Upper

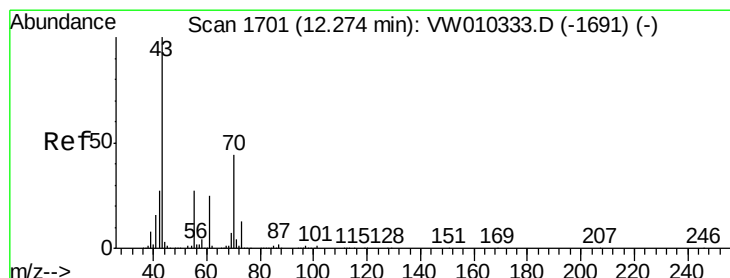
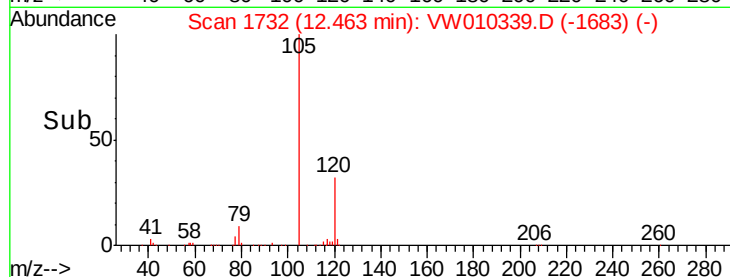
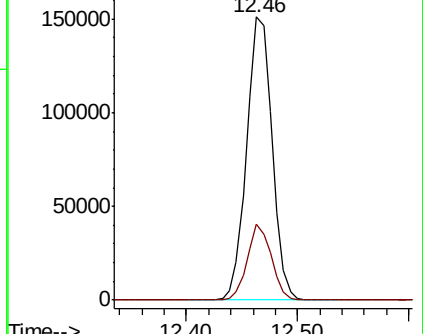
105 100

120 25.4 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: 3.484 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Tgt Ion: 43 Resp: 58924

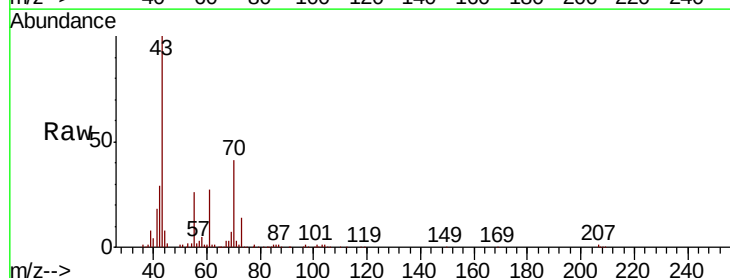
Ion Ratio Lower Upper

43 100

70 42.5 31.3 46.9

55 27.6 20.0 30.0

61 25.0 17.8 26.8

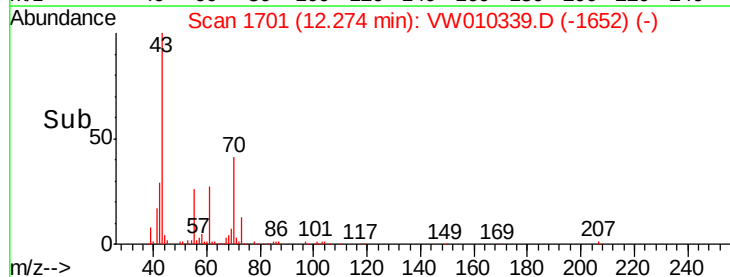
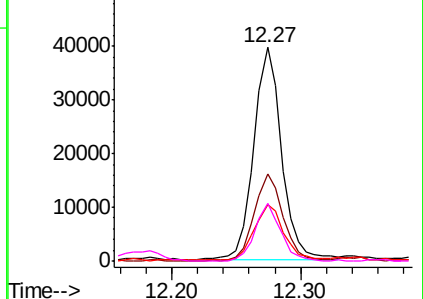


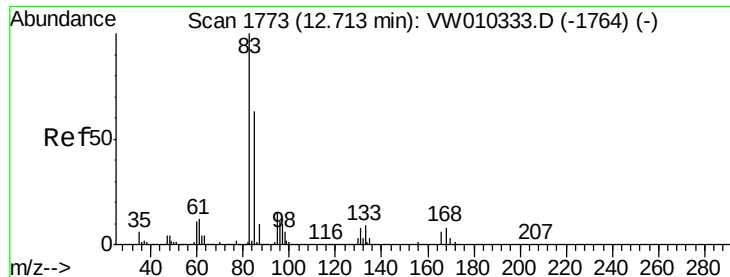
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 4.164 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

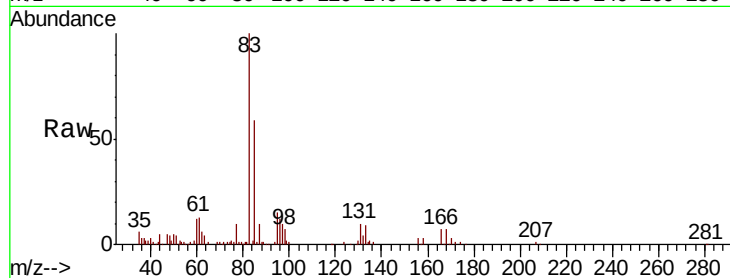
Tot Ion: 83 Resp: 60064

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

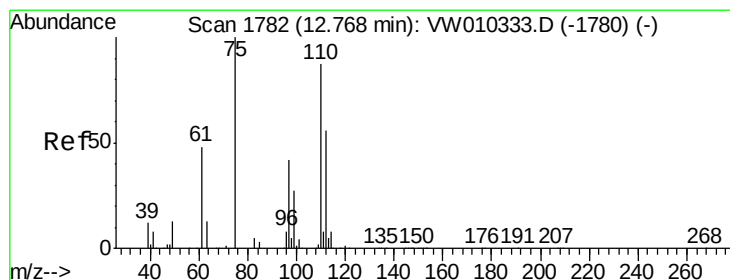
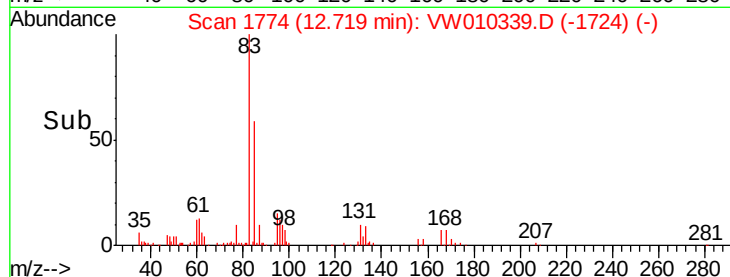
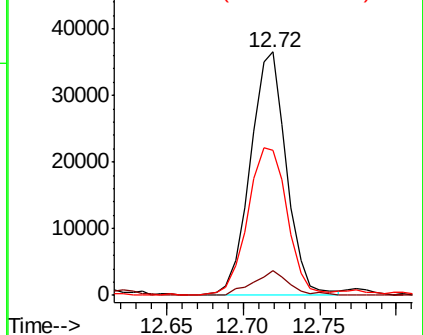
85 66.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 7.285 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010339.D

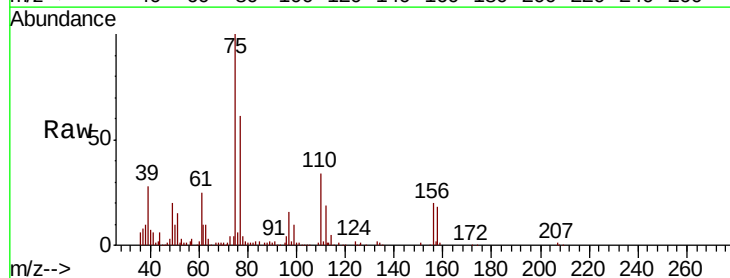
Acq: 09 May 2019 16:24

Tgt Ion: 75 Resp: 76277

Ion Ratio Lower Upper

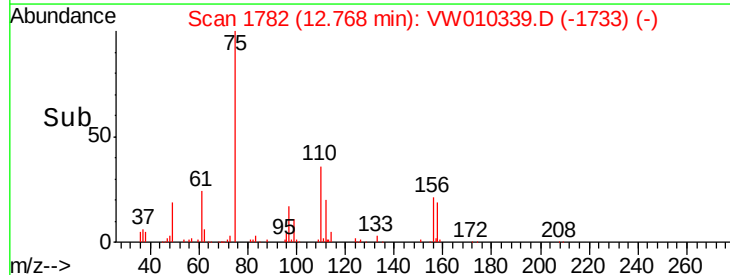
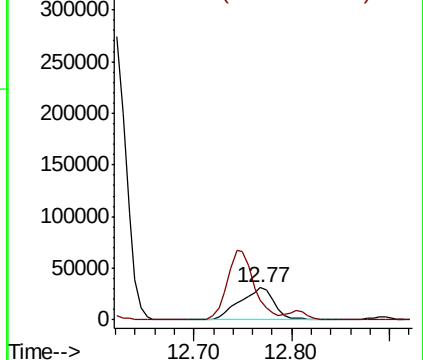
75 100

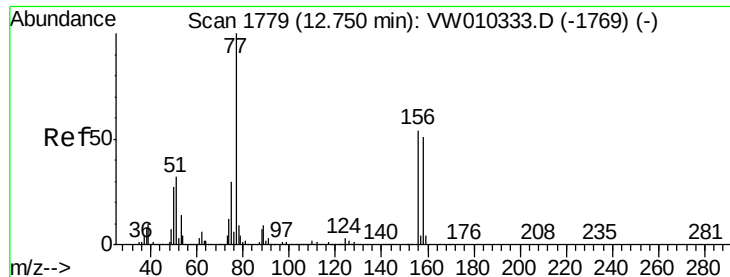
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.034 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

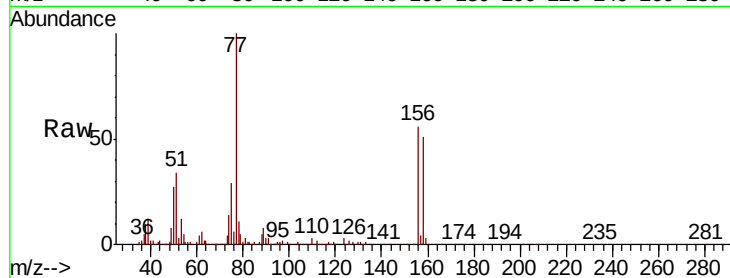
Tot Ion:156 Resp: 59624

Ion Ratio Lower Upper

156 100

77 217.5 102.5 307.4

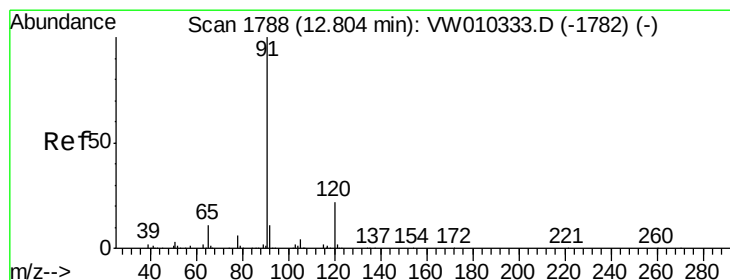
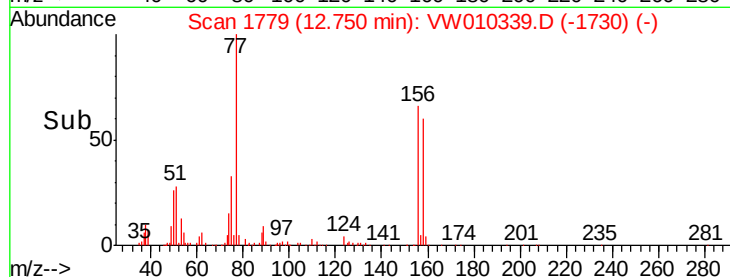
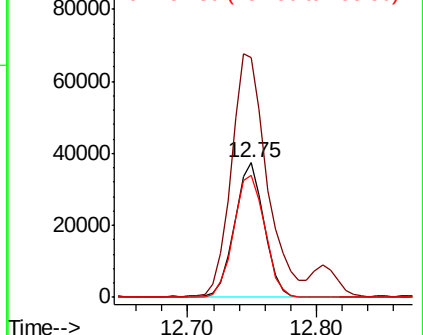
158 95.7 48.8 146.4



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: 3.914 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010339.D

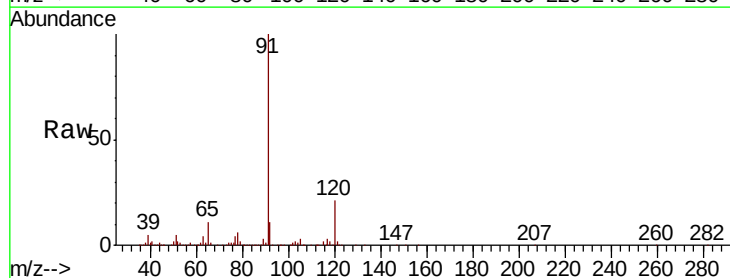
Acq: 09 May 2019 16:24

Tgt Ion: 91 Resp: 316446

Ion Ratio Lower Upper

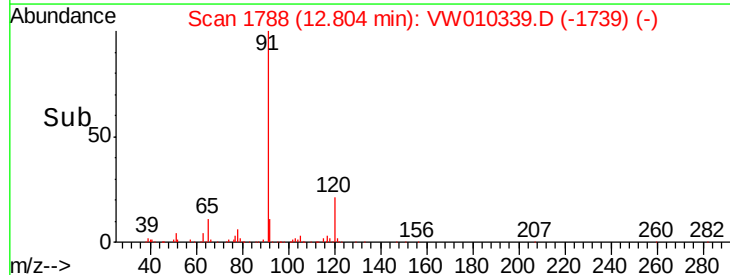
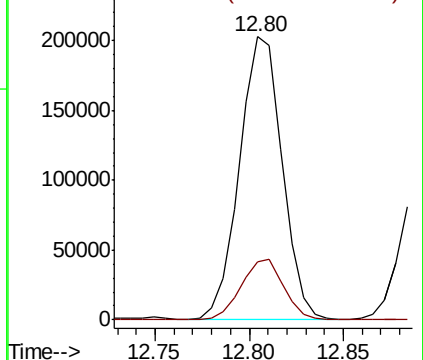
91 100

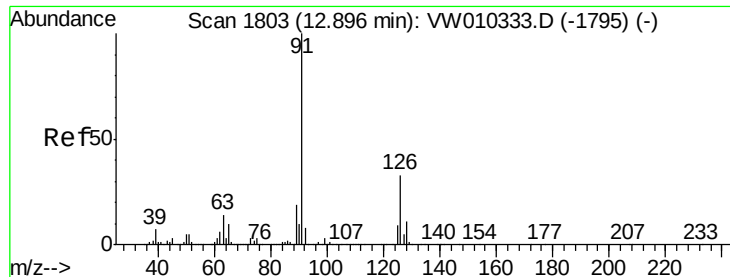
120 21.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.986 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

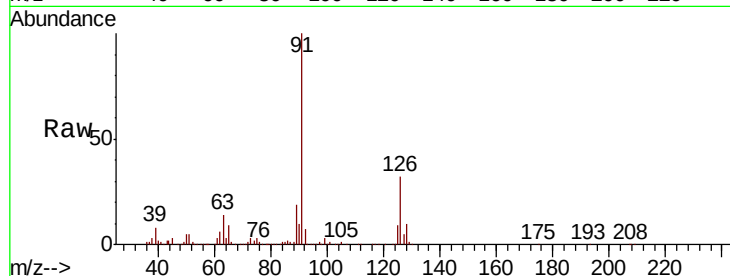
ClientSampled :

Tot Ion: 91 Resp: 183508

Ion Ratio Lower Upper

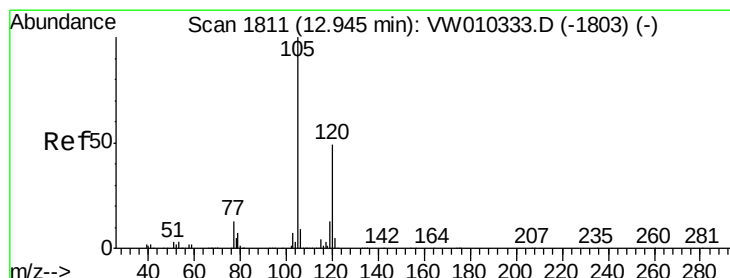
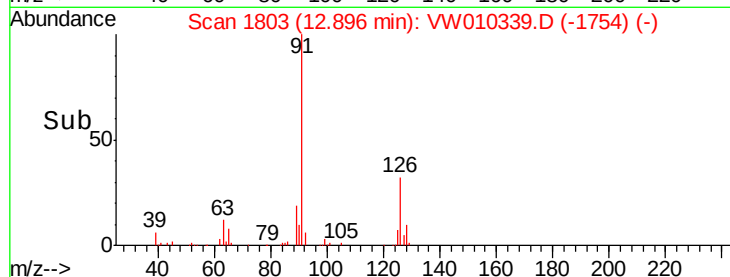
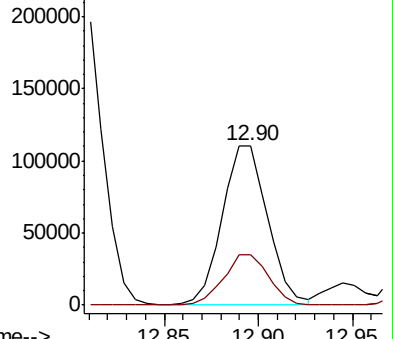
91 100

126 31.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 3.754 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010339.D

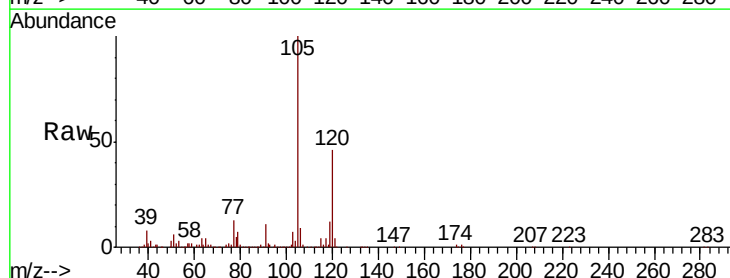
Acq: 09 May 2019 16:24

Tgt Ion:105 Resp: 207178

Ion Ratio Lower Upper

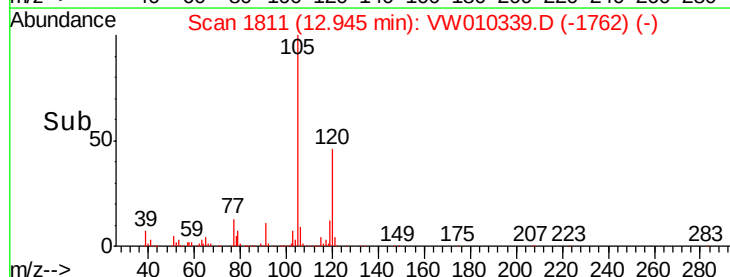
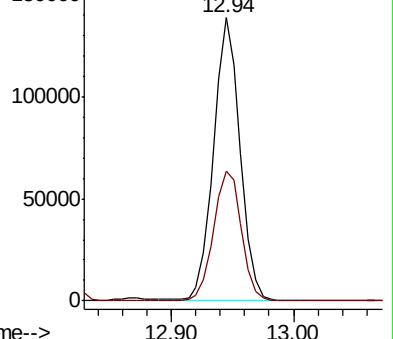
105 100

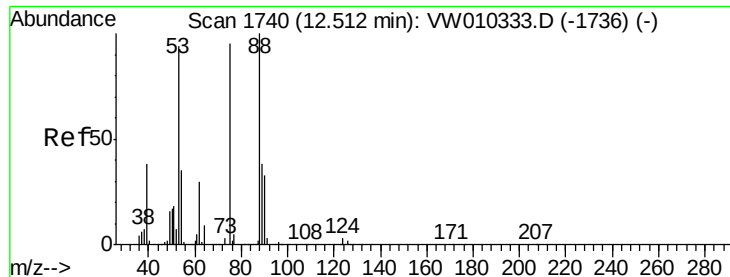
120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

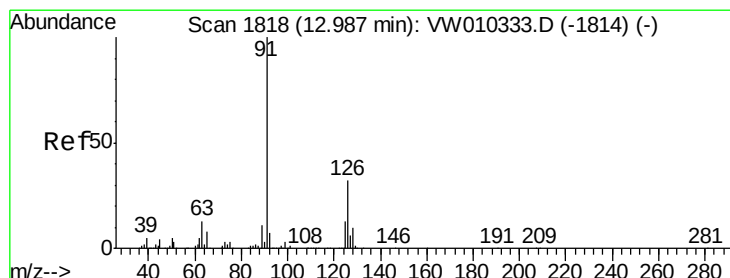
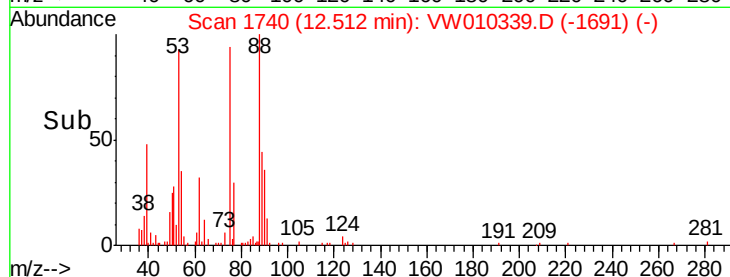
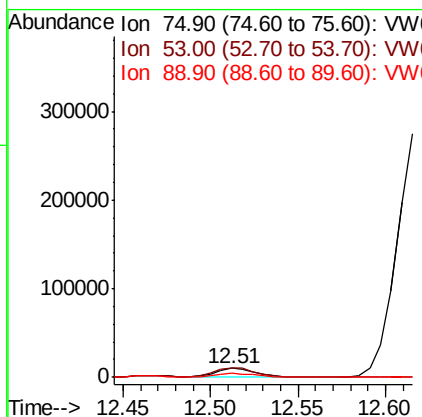
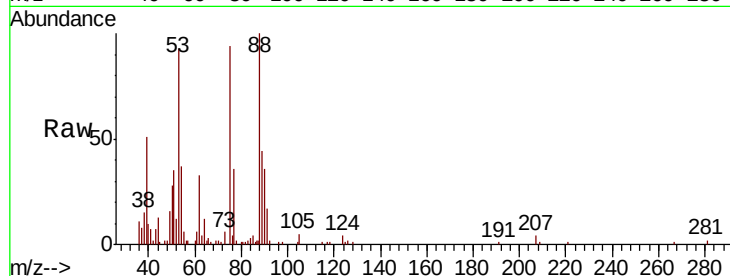




#81
trans-1,4-Dichloro-2-butene
Concen: 3.563 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

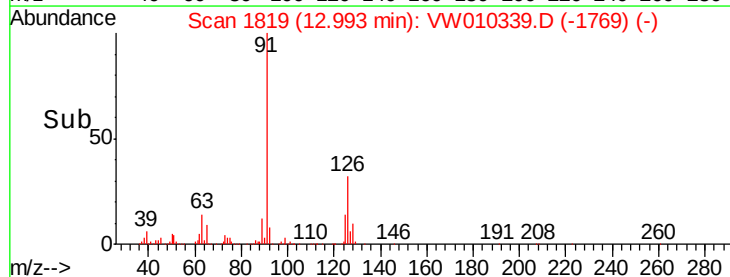
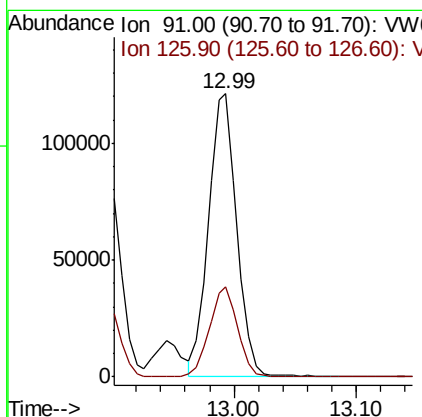
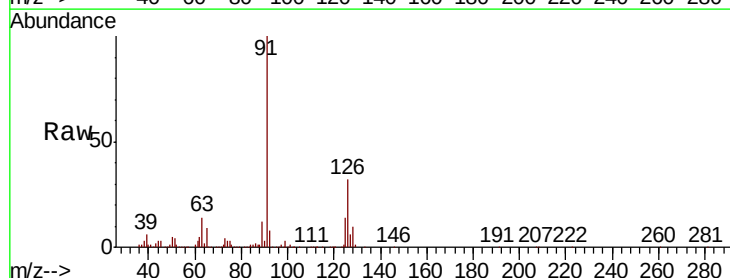
Instrument :
MSVOA_W
ClientSampleId :

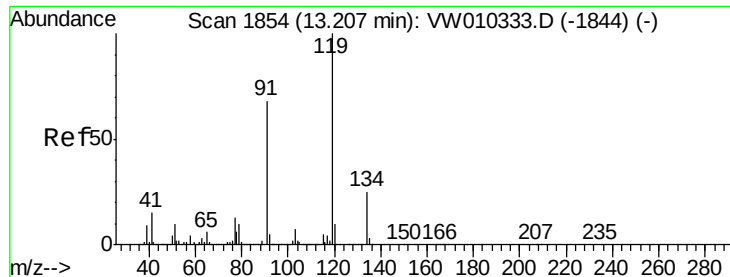
Tot Ion: 75 Resp: 16522
Ion Ratio Lower Upper
75 100
53 110.8 89.8 134.8
89 44.3 36.6 54.8



#82
4-Chlorotoluene
Concen: 4.027 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion: 91 Resp: 194247
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.1





#83

tert-Butylbenzene

Concen: 3.630 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

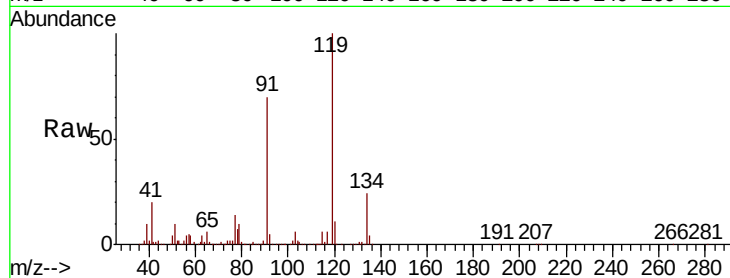
Tot Ion:119 Resp: 167101

Ion Ratio Lower Upper

119 100

91 68.0 34.8 104.4

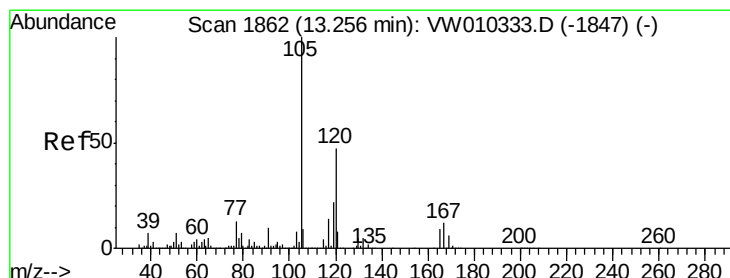
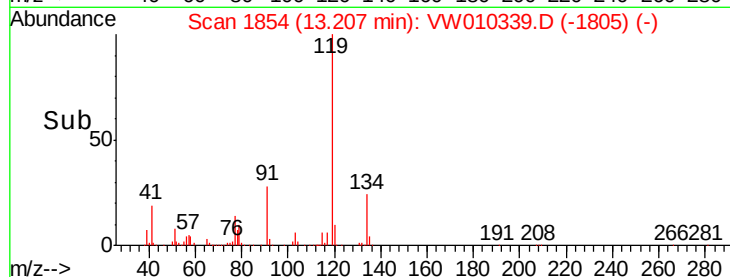
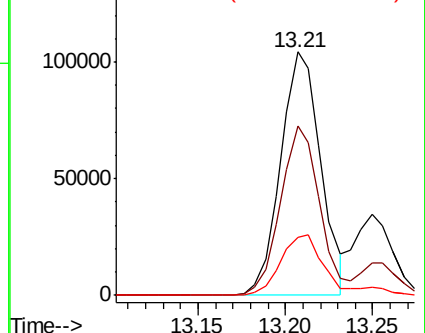
134 26.0 13.7 41.1



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: 3.791 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010339.D

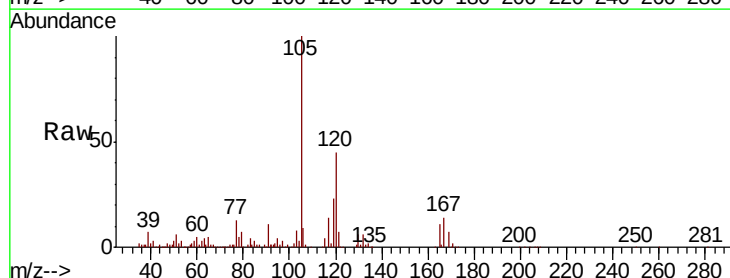
Acq: 09 May 2019 16:24

Tgt Ion:105 Resp: 207913

Ion Ratio Lower Upper

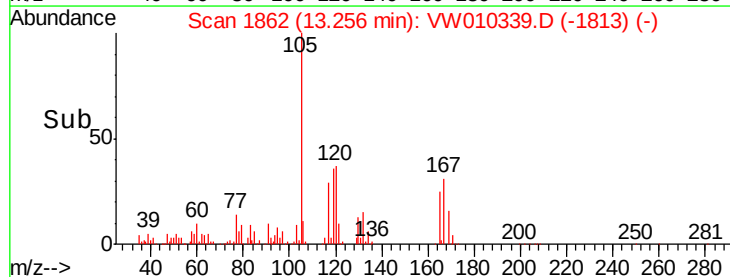
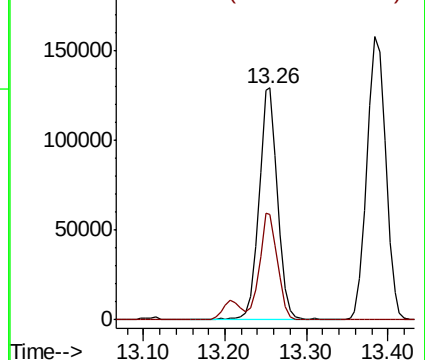
105 100

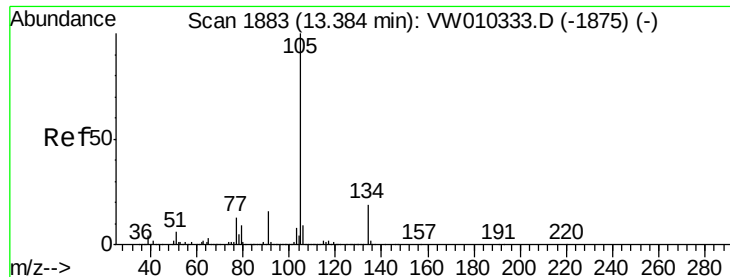
120 44.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.651 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

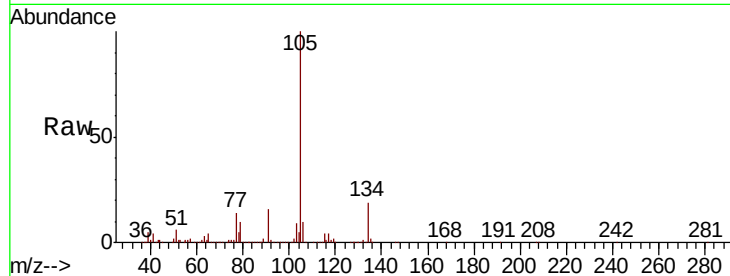
ClientSampleId :

Tot Ion:105 Resp: 248079

Ion Ratio Lower Upper

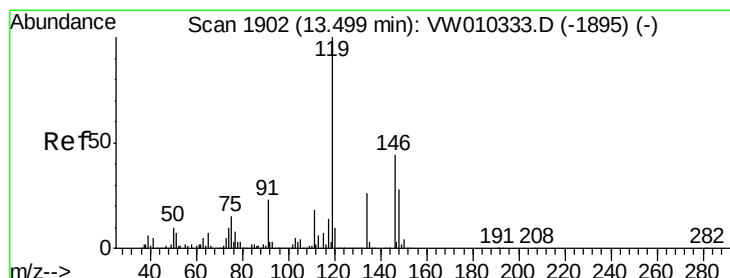
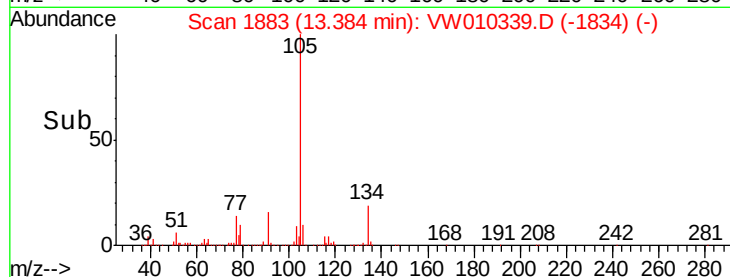
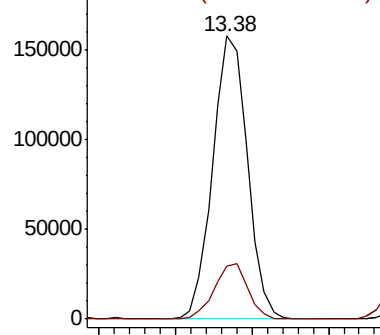
105 100

134 19.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.525 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

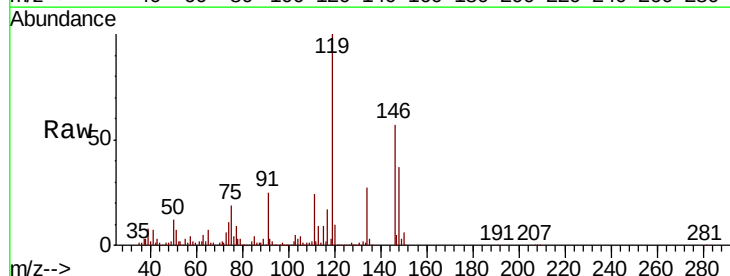
Tgt Ion:119 Resp: 212701

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

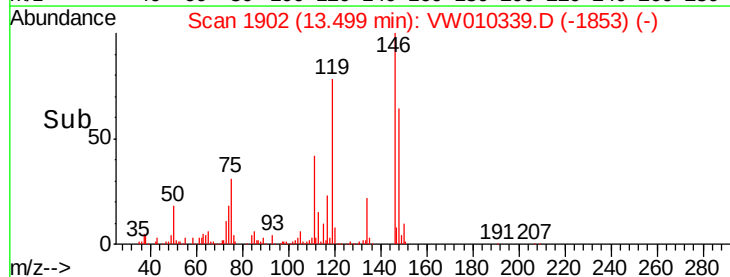
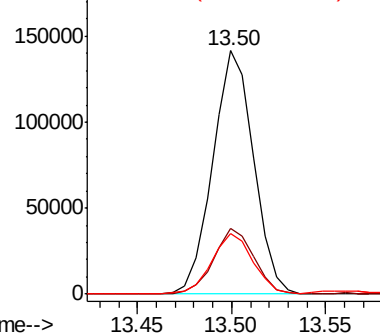
91 24.9 12.3 36.9

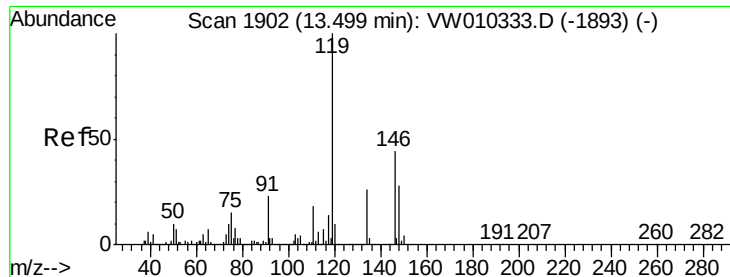


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.470 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010339.D

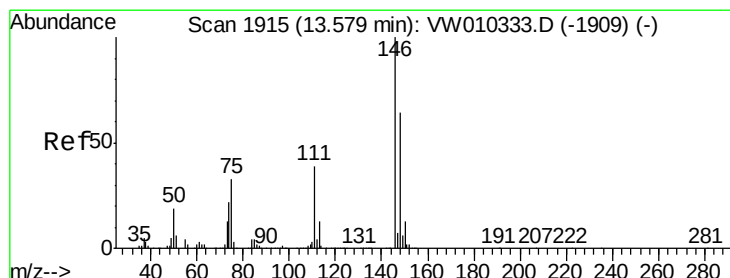
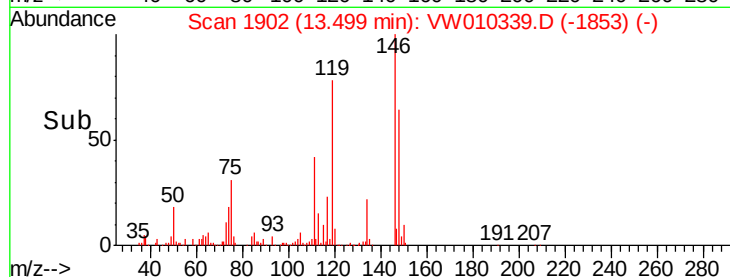
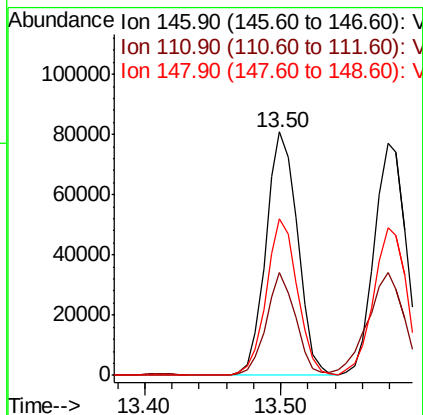
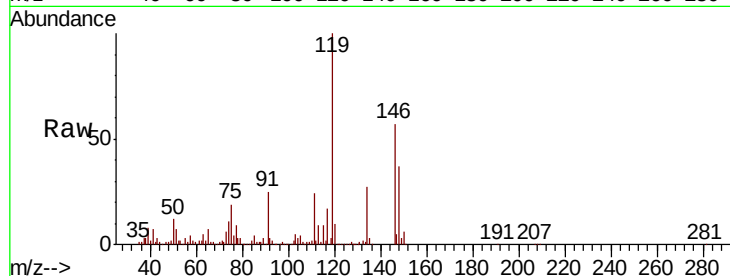
Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	131930
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	63.0	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 4.306 ug/l

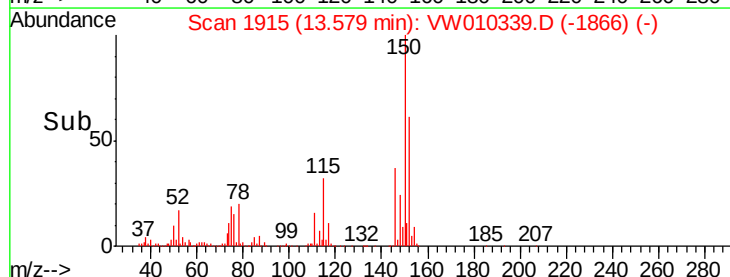
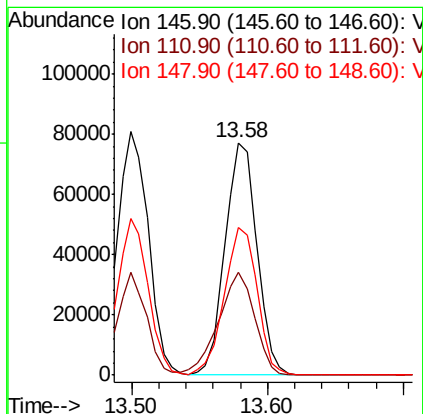
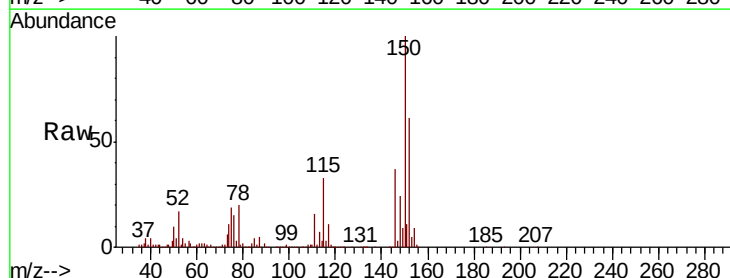
RT: 13.58 min Scan# 1915

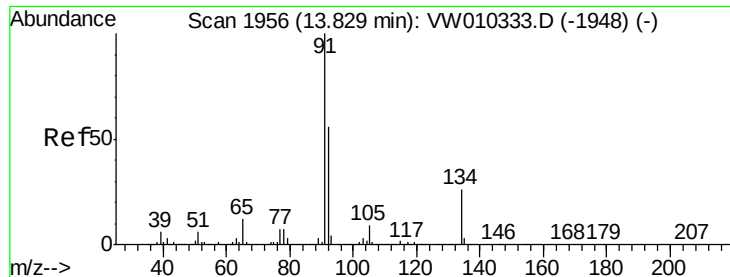
Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Tgt Ion:	146	Resp:	126117
Ion	Ratio	Lower	Upper
146	100		
111	49.7	20.1	60.3
148	65.3	31.8	95.3





#89

n-Butylbenzene

Concen: 3.733 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

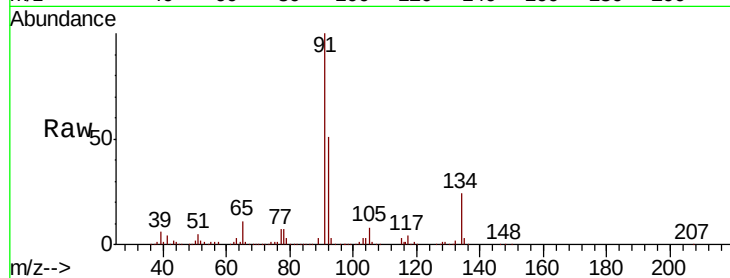
Tot Ion: 91 Resp: 225828

Ion Ratio Lower Upper

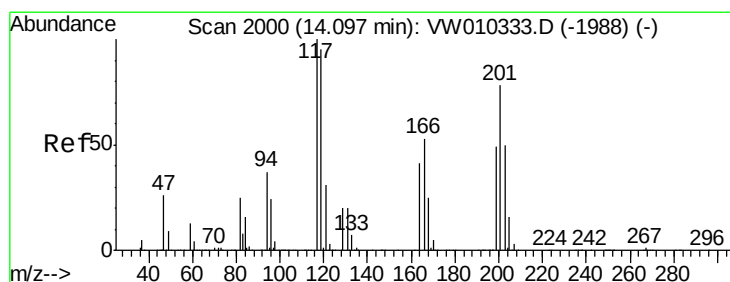
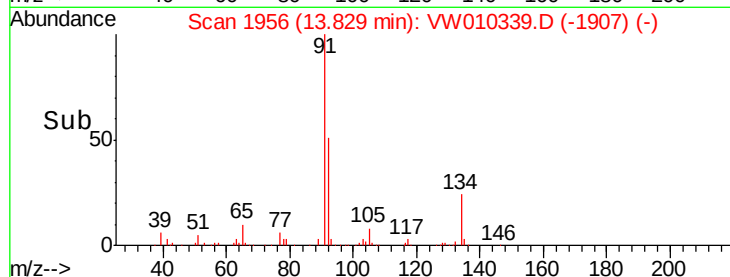
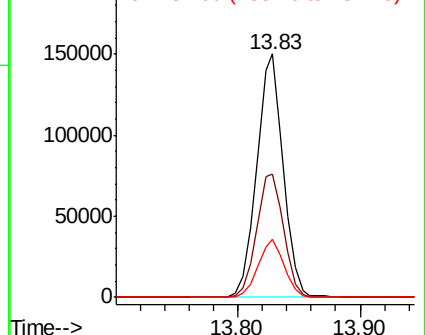
91 100

92 52.2 26.5 79.4

134 23.7 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: 3.835 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010339.D

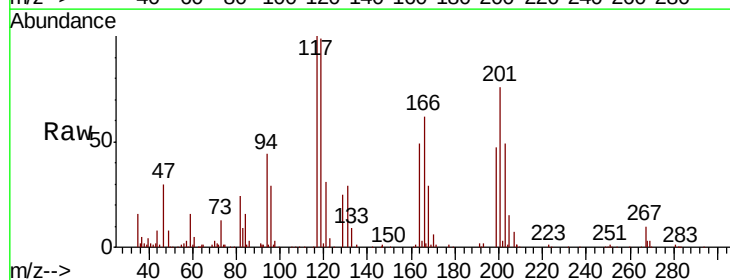
Acq: 09 May 2019 16:24

Tgt Ion: 117 Resp: 42909

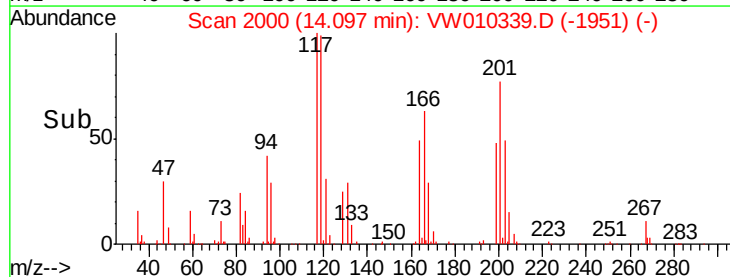
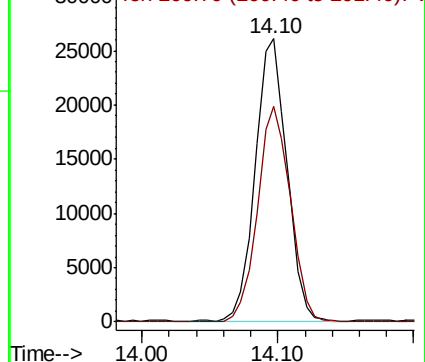
Ion Ratio Lower Upper

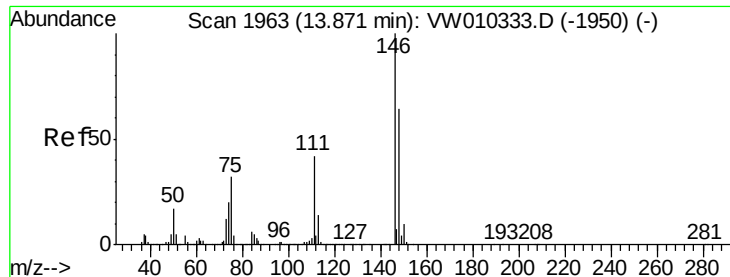
117 100

201 78.7 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: 4.238 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

Instrument :

MSVOA_W

ClientSampled :

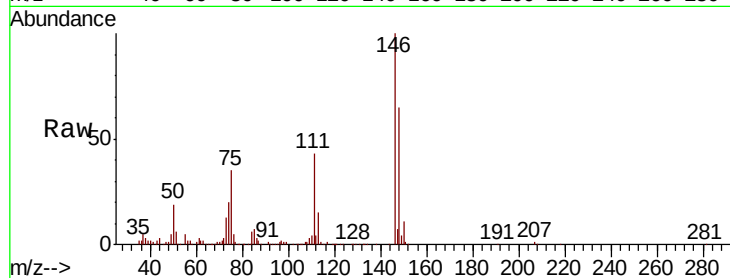
Tot Ion:146 Resp: 110721

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

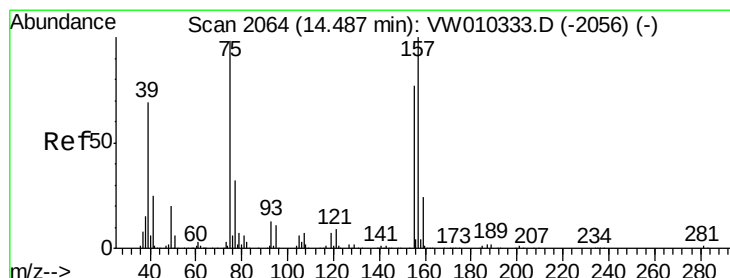
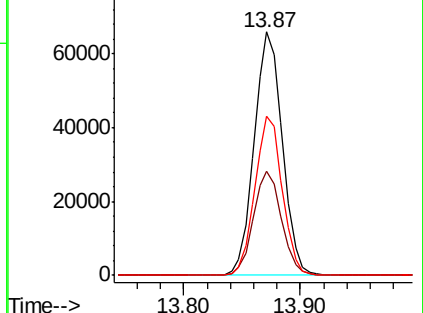
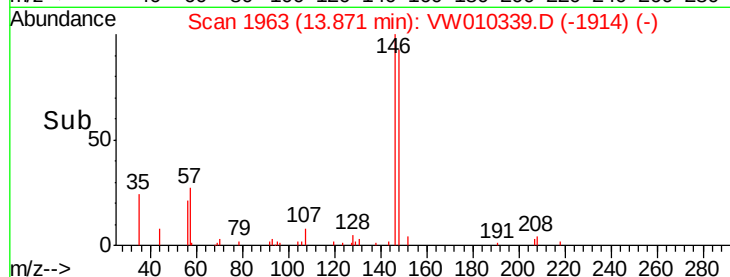
148 63.9 31.9 95.7



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: 4.300 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010339.D

Acq: 09 May 2019 16:24

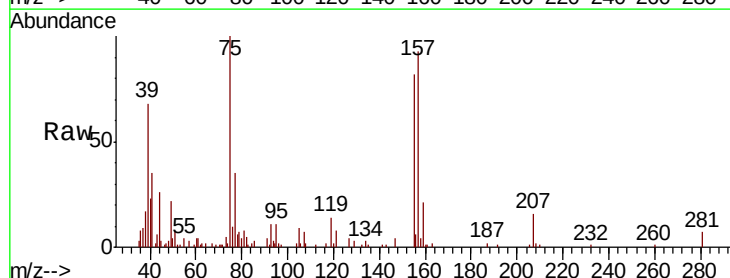
Tgt Ion: 75 Resp: 11168

Ion Ratio Lower Upper

75 100

155 79.2 37.1 111.5

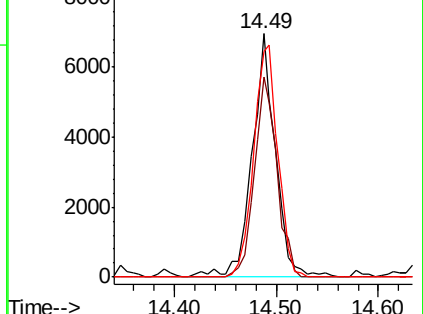
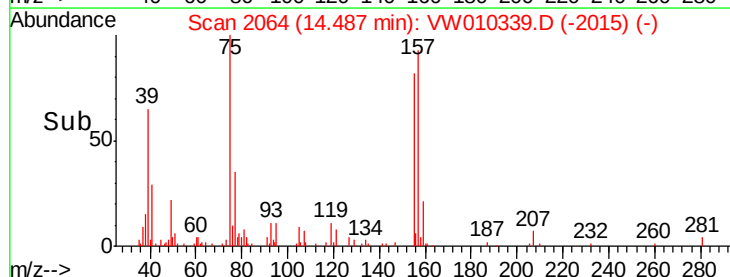
157 98.5 47.3 141.9

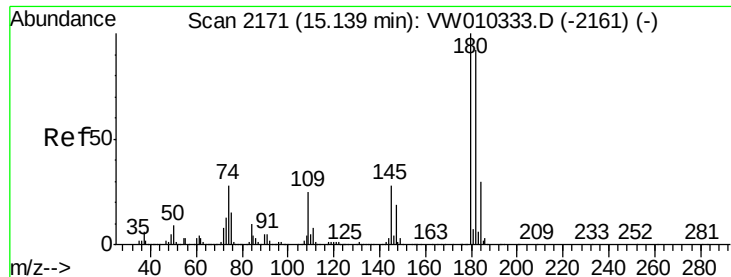


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

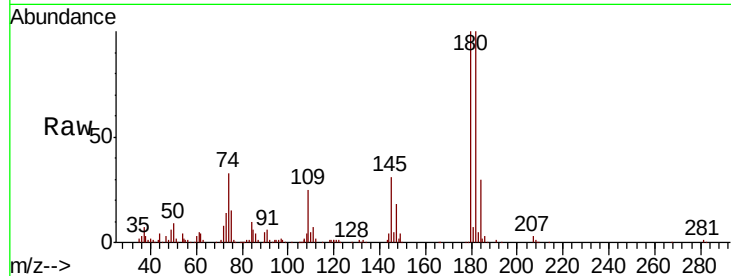




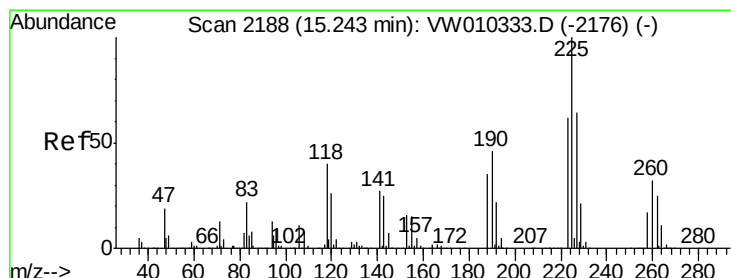
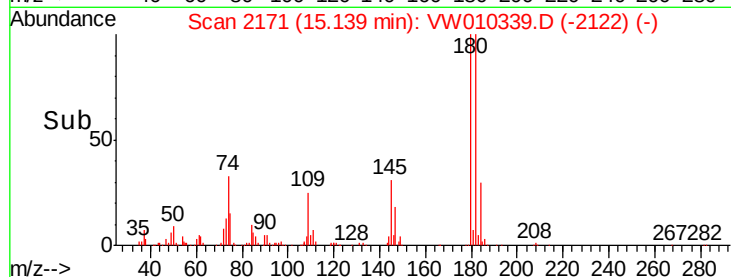
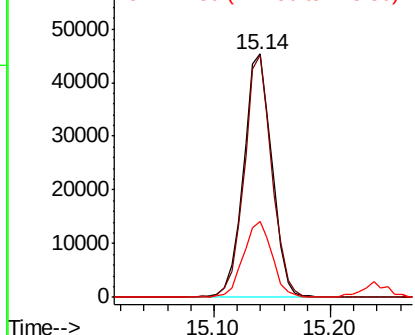
#93
 1,2,4-Trichlorobenzene
 Concen: 4.316 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 76962
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.1 141.4
 145 31.6 15.2 45.6

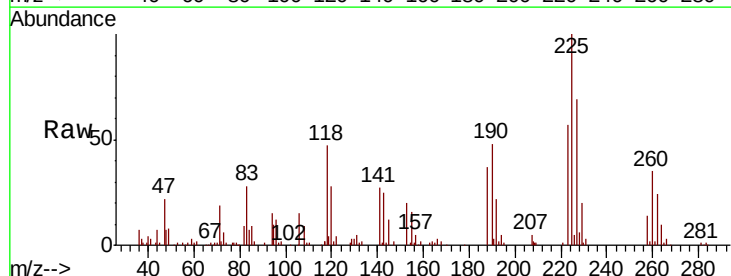


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

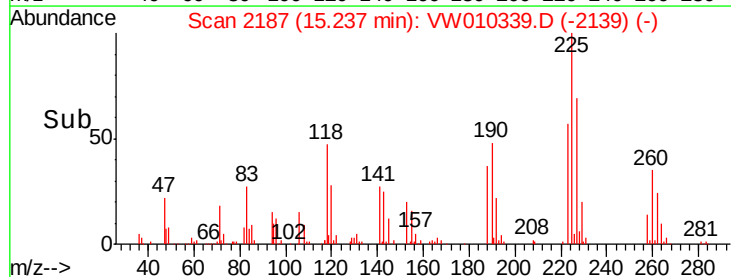
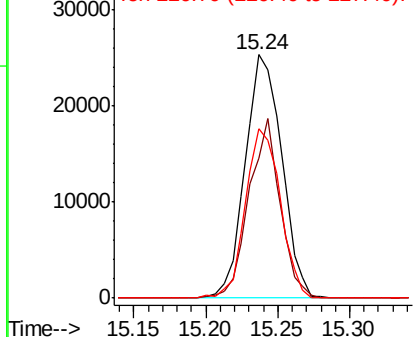


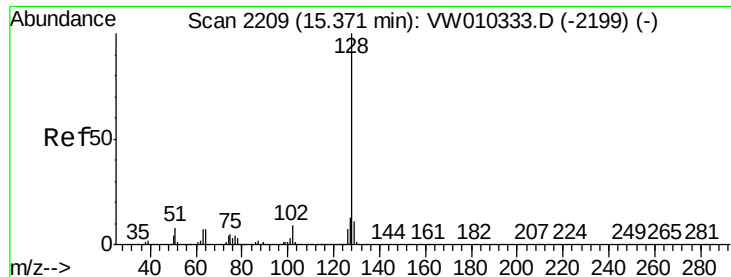
#94
 Hexachlorobutadiene
 Concen: 3.897 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010339.D
 Acq: 09 May 2019 16:24

Tgt Ion:225 Resp: 44546
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 66.2 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

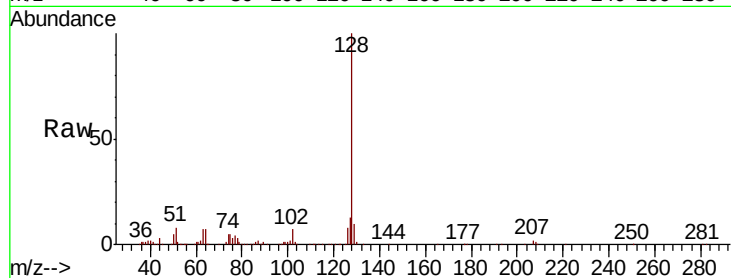




#95
Naphthalene
Concen: 6.500 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	15.8
129	10.8	8.7	13.1

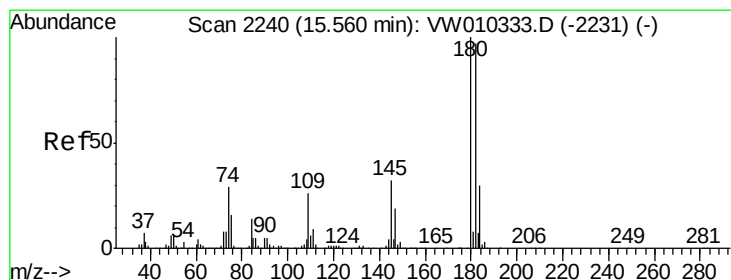
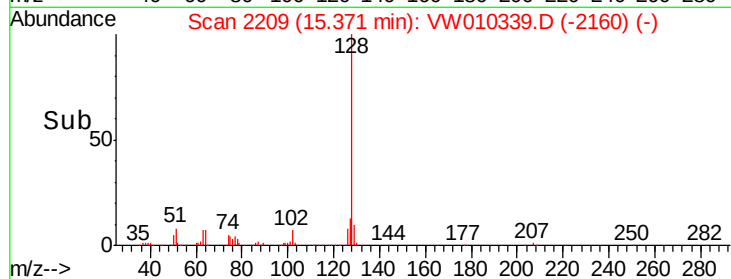
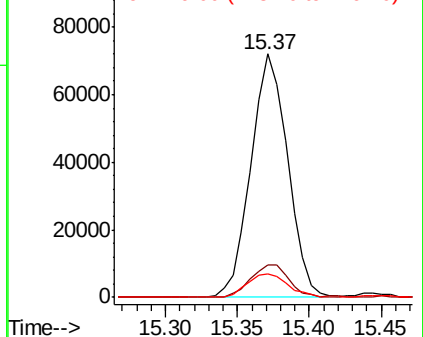


Abundance

Ion 128.00 (127.70 to 128.70): V

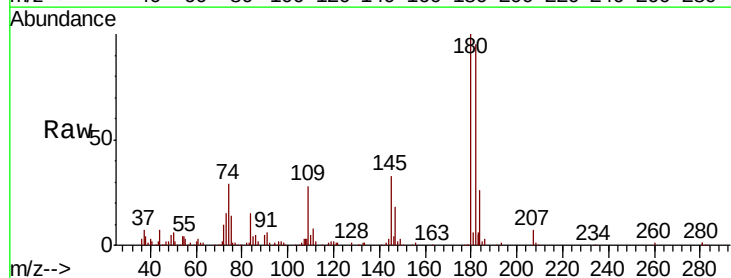
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.660 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010339.D
Acq: 09 May 2019 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	33.3	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

