

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009032.D
 Acq On : 07 Mar 2019 11:21
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 08 03:23:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 03:11:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	223171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	27578	9.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.42%	
35) Dibromofluoromethane	7.88	113	22384	9.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.06%	
50) Toluene-d8	10.32	98	95504	9.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.64%	
62) 4-Bromofluorobenzene	12.62	95	37507	9.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	32272	10.975	ug/l	98
3) Chloromethane	2.21	50	37757	10.204	ug/l	94
4) Vinyl Chloride	2.35	62	37716	9.928	ug/l	97
5) Bromomethane	2.76	94	36696	11.342	ug/l	98
6) Chloroethane	2.91	64	26110	9.613	ug/l	99
7) Trichlorofluoromethane	3.26	101	47431	9.773	ug/l	92
8) Diethyl Ether	3.68	74	13967	9.542	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29864	9.894	ug/l	98
10) Methyl Iodide	4.27	142	20258	7.063	ug/l	97
11) Tert butyl alcohol	5.19	59	12127	57.956	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	24947	9.495	ug/l	96
13) Acrolein	3.90	56	13750	54.891	ug/l	97
14) Allyl chloride	4.67	41	41964	9.211	ug/l	99
15) Acrylonitrile	5.37	53	33777	51.171	ug/l	96
16) Acetone	4.14	43	33580	50.165	ug/l	95
17) Carbon Disulfide	4.38	76	83829	9.521	ug/l	97
18) Methyl Acetate	4.68	43	14755	9.590	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	65085	9.396	ug/l	92
20) Methylene Chloride	4.92	84	45339	11.898	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	29312	9.658	ug/l	89
22) Diisopropyl ether	6.31	45	84648	9.226	ug/l	89
23) Vinyl Acetate	6.26	43	266710	46.638	ug/l	98
24) 1,1-Dichloroethane	6.22	63	49810	9.362	ug/l #	95
25) 2-Butanone	7.17	43	45266	49.816	ug/l	95
26) 2,2-Dichloropropane	7.17	77	47798	9.832	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	30496	9.435	ug/l	98
28) Bromochloromethane	7.52	49	21239	9.645	ug/l	99
29) Tetrahydrofuran	7.54	42	27560	47.307	ug/l	98
30) Chloroform	7.68	83	50879	9.358	ug/l	100
31) Cyclohexane	7.95	56	55210	10.199	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	48835	9.754	ug/l	99
36) 1,1-Dichloropropene	8.08	75	42341	9.962	ug/l	97
37) Ethyl Acetate	7.26	43	20633	10.333	ug/l #	97
38) Carbon Tetrachloride	8.07	117	44211	10.036	ug/l	95

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

39) Methylcyclohexane	9.34	83	47642	9.358	ug/l	98
40) Benzene	8.32	78	108422	9.593	ug/l	97
41) Methacrylonitrile	7.48	41	8413	7.995	ug/l #	75
42) 1,2-Dichloroethane	8.40	62	35825	9.727	ug/l	100
43) Isopropyl Acetate	8.43	43	36189	9.688	ug/l	97
44) Trichloroethene	9.09	130	32020	10.077	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27639	9.831	ug/l	98
46) Dibromomethane	9.46	93	15170	9.715	ug/l	94
47) Bromodichloromethane	9.64	83	39038	9.919	ug/l	92
48) Methyl methacrylate	9.44	41	16235	9.217	ug/l	95
49) 1,4-Dioxane	9.46	88	4896	213.569	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	93692	49.213	ug/l	100
52) Toluene	10.39	92	75046	9.736	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	36579	9.346	ug/l	90
54) cis-1,3-Dichloropropene	10.07	75	42850	9.595	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	20718	9.791	ug/l	93
56) Ethyl methacrylate	10.65	69	24653	9.291	ug/l	98
57) 1,3-Dichloropropane	10.93	76	37198	9.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	67625	49.052	ug/l	98
59) 2-Hexanone	10.97	43	66436	49.428	ug/l	99
60) Dibromochloromethane	11.13	129	25243	9.710	ug/l	97
61) 1,2-Dibromoethane	11.23	107	20511	9.974	ug/l	97
64) Tetrachloroethene	10.86	164	29186	9.899	ug/l	94
65) Chlorobenzene	11.66	112	85932	9.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	27872	9.556	ug/l	99
67) Ethyl Benzene	11.73	91	148285	9.433	ug/l	98
68) m/p-Xylenes	11.84	106	118345	19.049	ug/l	97
69) o-Xylene	12.16	106	55084	9.511	ug/l	98
70) Styrene	12.18	104	85733	9.093	ug/l	99
71) Bromoform	12.35	173	14592	9.226	ug/l #	97
73) Isopropylbenzene	12.46	105	146817	9.258	ug/l	98
74) N-amyl acetate	12.27	43	33837	8.926	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	25850	10.248	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	33898	13.641	ug/l	18
77) Bromobenzene	12.75	156	35707	9.847	ug/l	96
78) n-propylbenzene	12.80	91	182205	9.359	ug/l	100
79) 2-Chlorotoluene	12.90	91	104776	9.578	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	127090	9.298	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	7497	9.584	ug/l	97
82) 4-Chlorotoluene	12.99	91	107953	9.261	ug/l	97
83) tert-Butylbenzene	13.21	119	107266	9.343	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	125336	9.084	ug/l	100
85) sec-Butylbenzene	13.38	105	158551	9.320	ug/l	99
86) p-Isopropyltoluene	13.50	119	139326	9.137	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	72146	9.488	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	74175	9.875	ug/l	98
89) n-Butylbenzene	13.83	91	129766	8.927	ug/l	99
90) Hexachloroethane	14.10	117	23942	9.115	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	66574	9.995	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4760	10.165	ug/l	95

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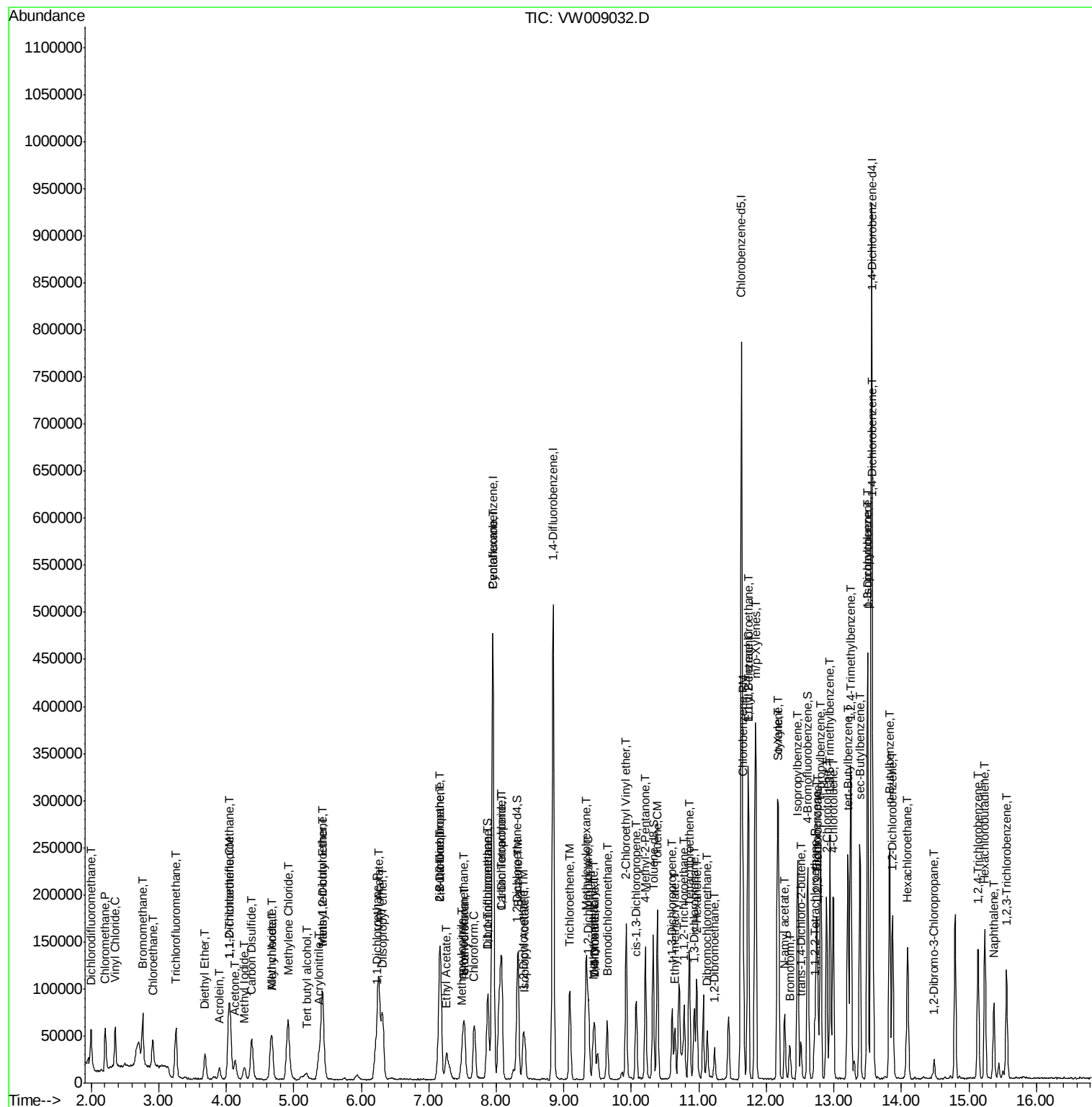
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	42376	9.304	ug/l	99
94) Hexachlorobutadiene	15.24	225	27834	9.777	ug/l	99
95) Naphthalene	15.37	128	66303	8.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	38666	9.668	ug/l	98

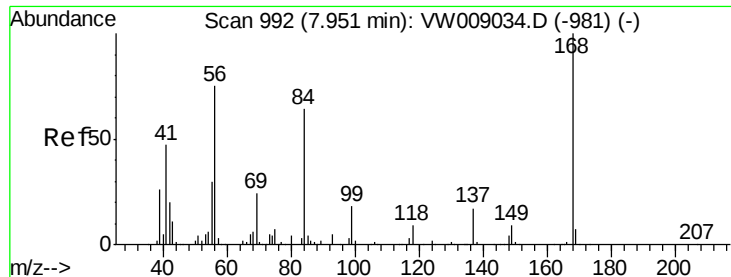
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

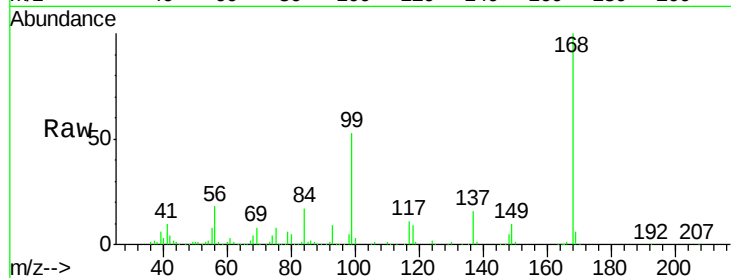
VSTDIC010

Tgt Ion:168 Resp: 292201

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

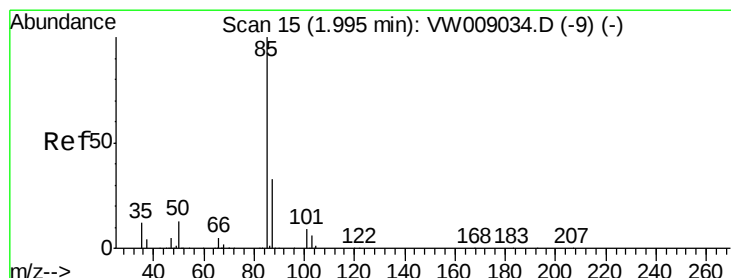
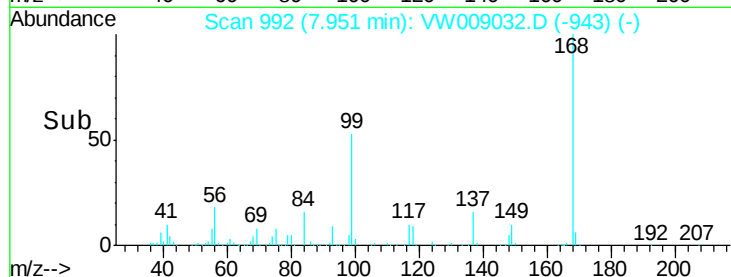
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 10.975 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW009032.D

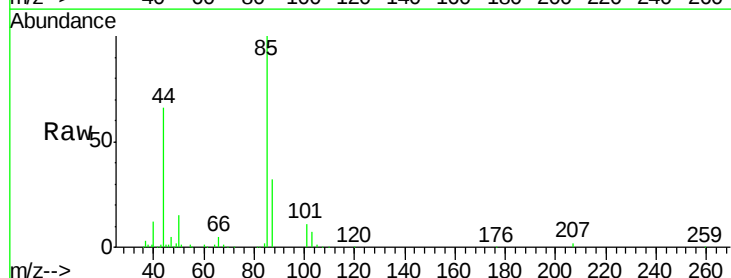
Acq: 07 Mar 2019 11:21

Tgt Ion: 85 Resp: 32272

Ion Ratio Lower Upper

85 100

87 31.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

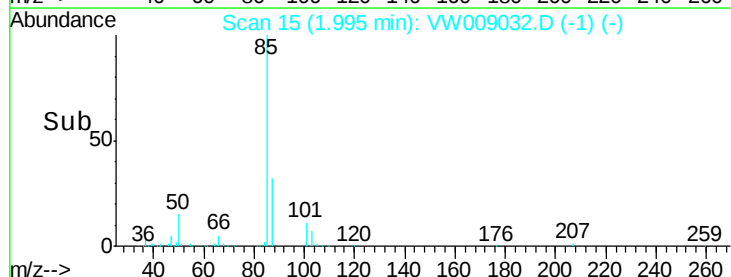
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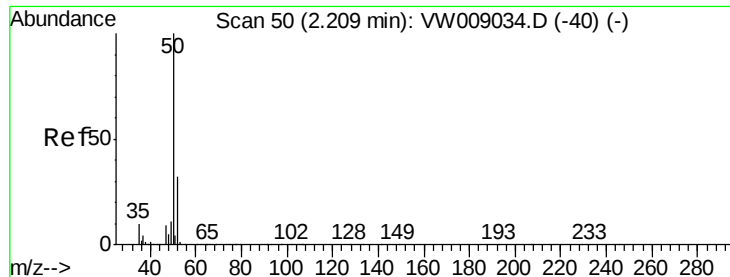
5000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 10.204 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

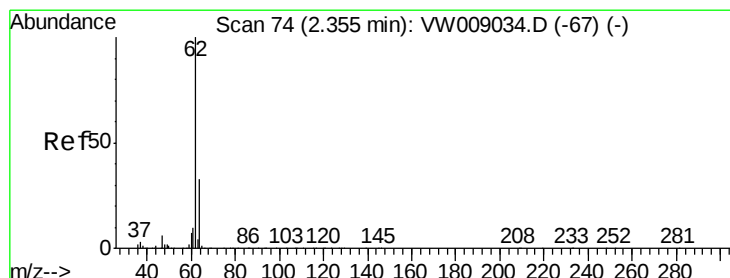
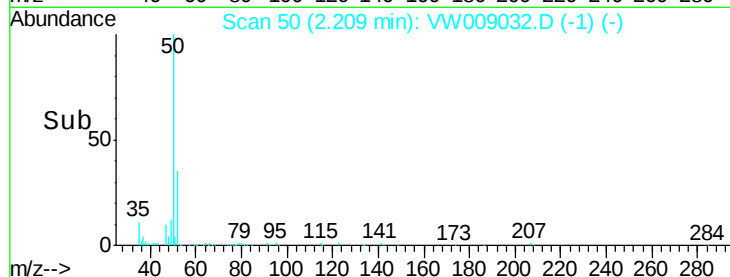
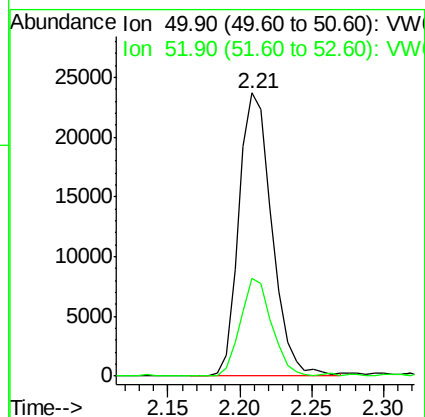
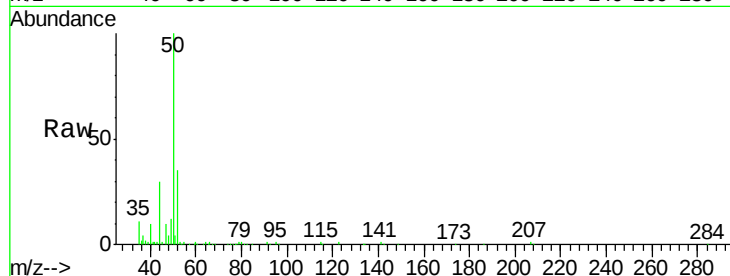
VSTDIC010

Tgt Ion: 50 Resp: 37757

Ion Ratio Lower Upper

50 100

52 34.9 25.4 38.2



#4

Vinyl Chloride

Concen: 9.928 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009032.D

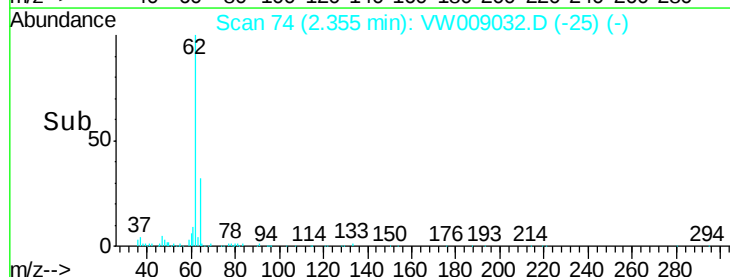
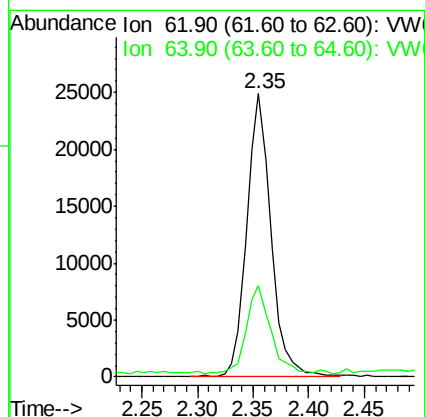
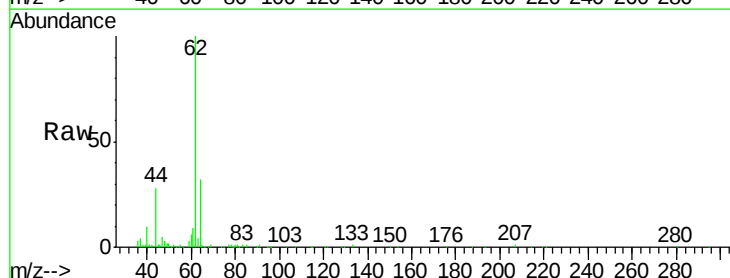
Acq: 07 Mar 2019 11:21

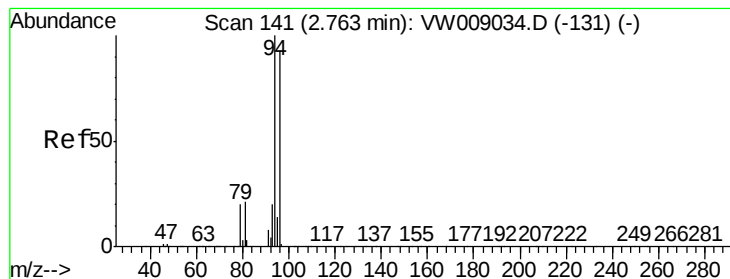
Tgt Ion: 62 Resp: 37716

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0





#5

Bromomethane

Concen: 11.342 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

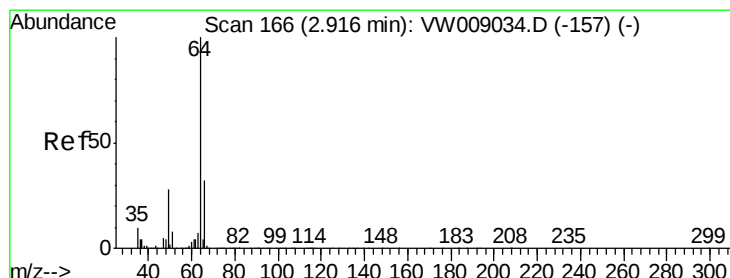
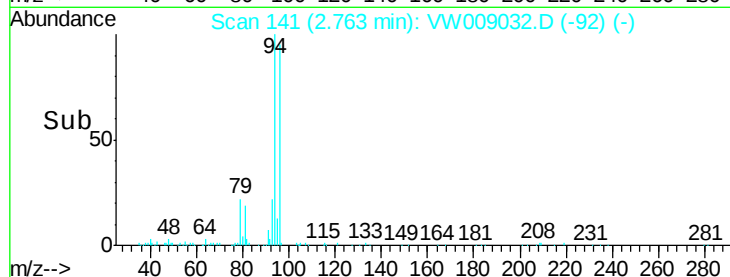
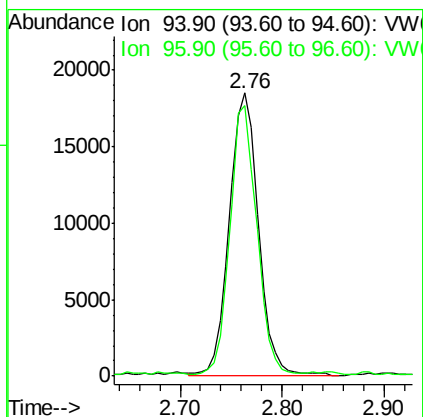
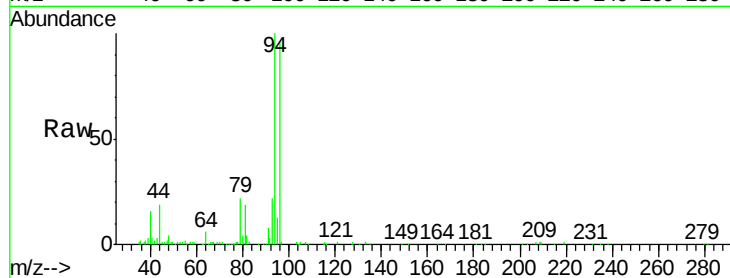
VSTDIC010

Tgt Ion: 94 Resp: 36696

Ion Ratio Lower Upper

94 100

96 95.0 74.4 111.6



#6

Chloroethane

Concen: 9.613 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009032.D

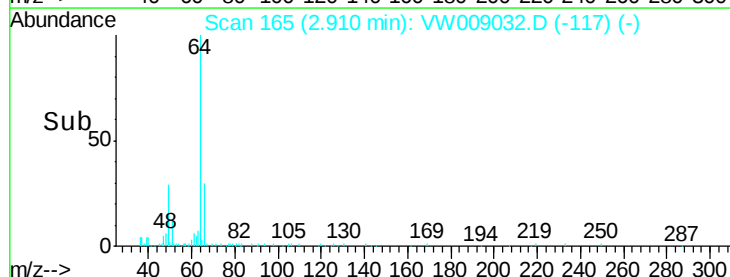
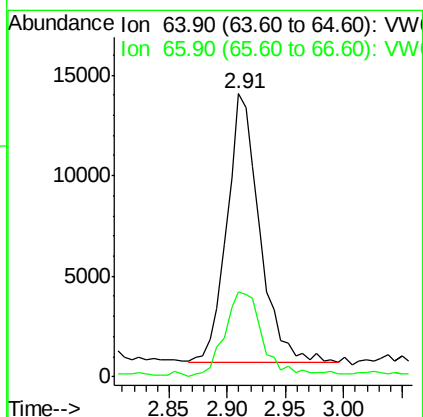
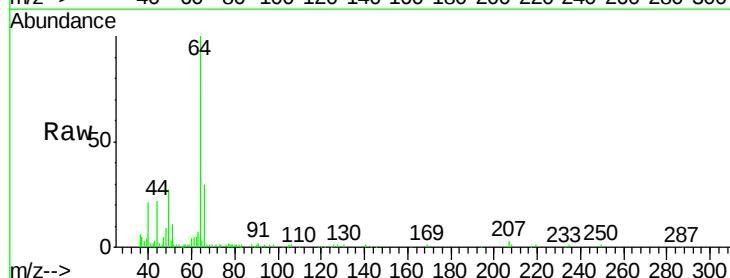
Acq: 07 Mar 2019 11:21

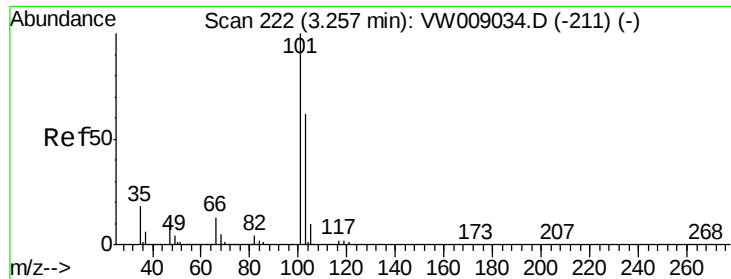
Tgt Ion: 64 Resp: 26110

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



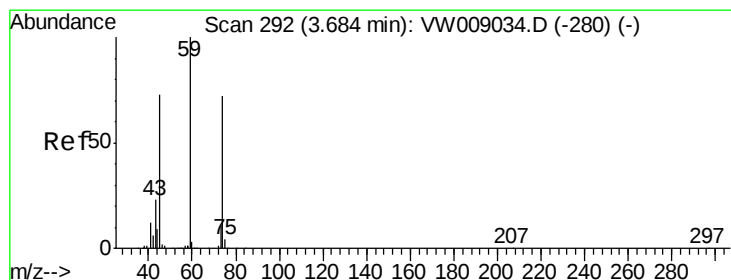
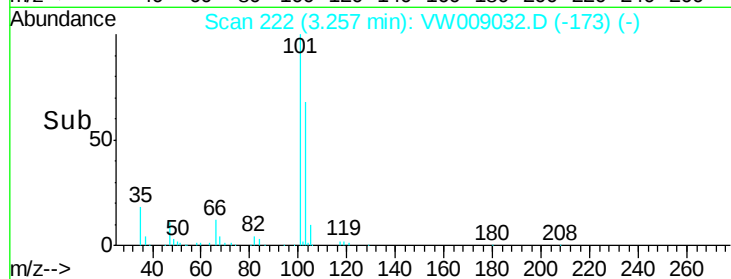
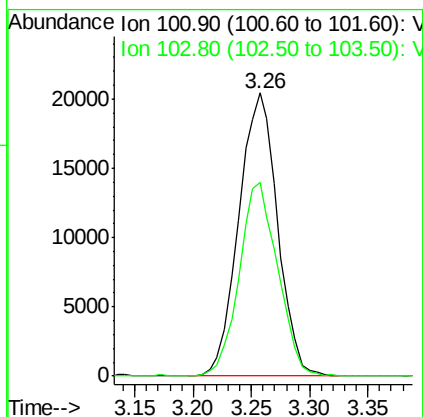
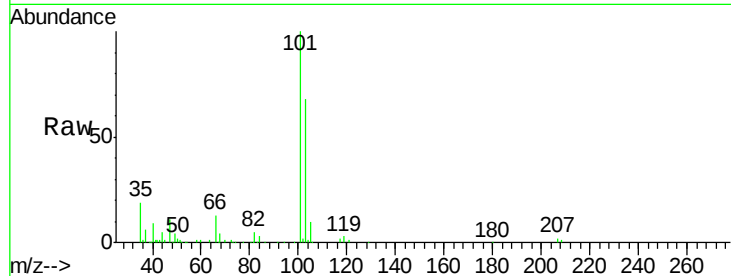


#7

Trichlorofluoromethane
 Concen: 9.773 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Instrument :
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 VSTDIC010

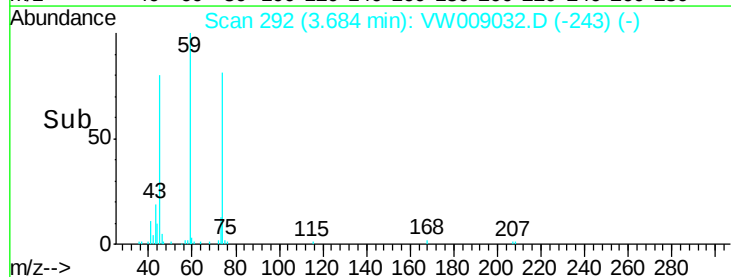
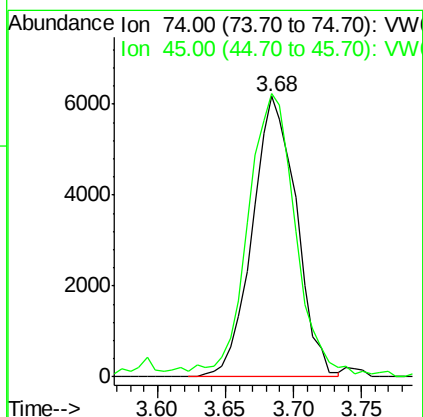
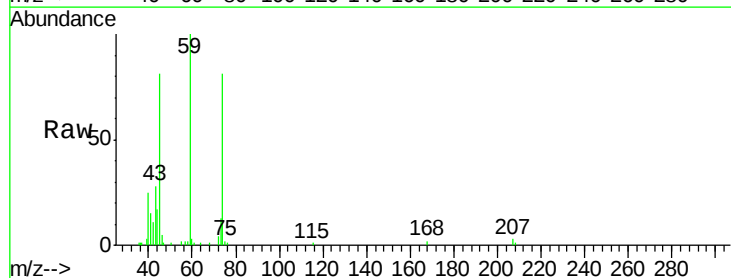
Tgt Ion: 101 Resp: 47431
 Ion Ratio Lower Upper
 101 100
 103 68.3 49.9 74.9

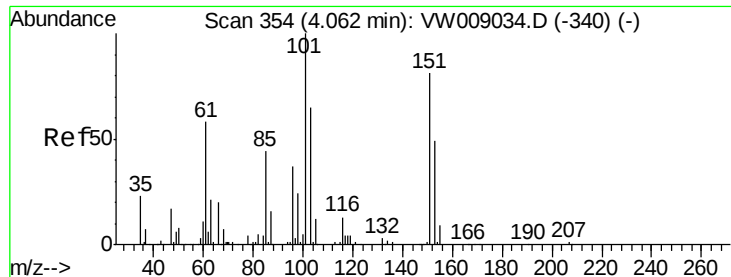


#8

Diethyl Ether
 Concen: 9.542 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 74 Resp: 13967
 Ion Ratio Lower Upper
 74 100
 45 110.4 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.894 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

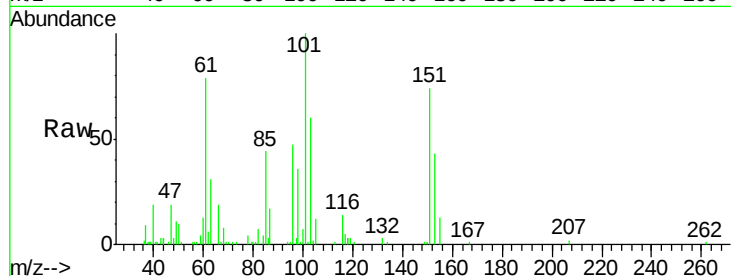
Tgt Ion:101 Resp: 29864

Ion Ratio Lower Upper

101 100

85 46.5 36.2 54.4

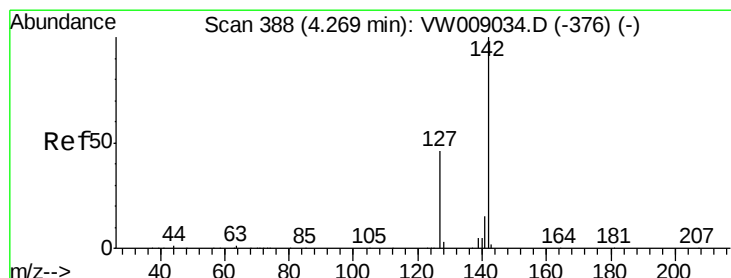
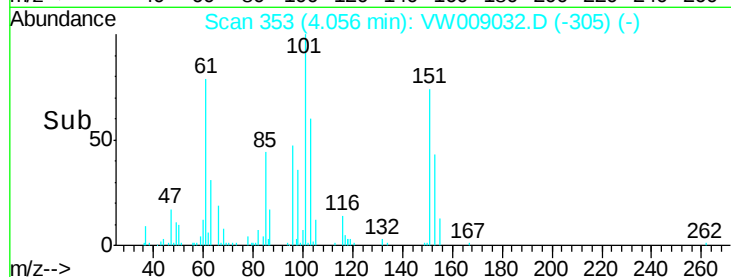
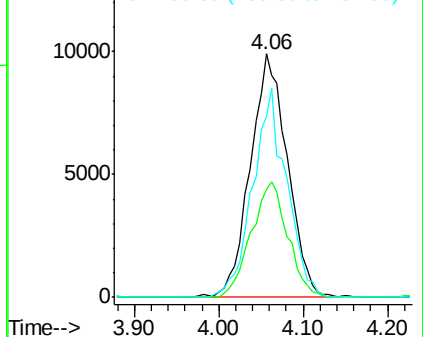
151 78.1 63.4 95.2



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: 7.063 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

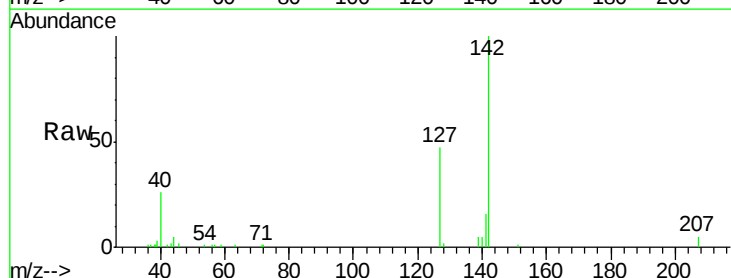
Tgt Ion:142 Resp: 20258

Ion Ratio Lower Upper

142 100

127 43.1 35.8 53.6

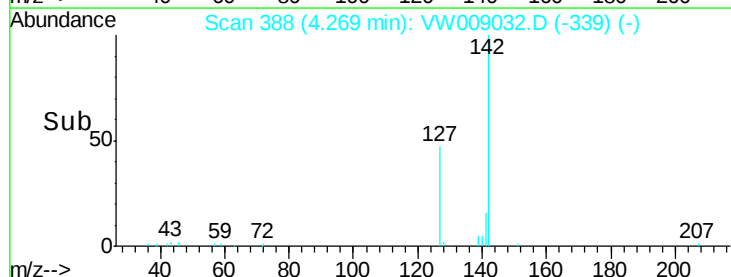
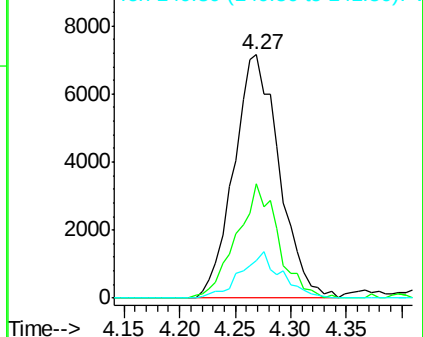
141 16.9 11.8 17.8

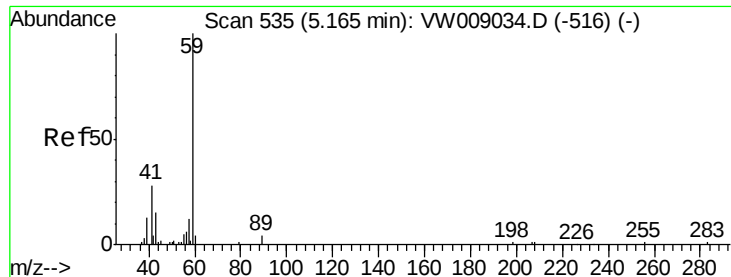


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

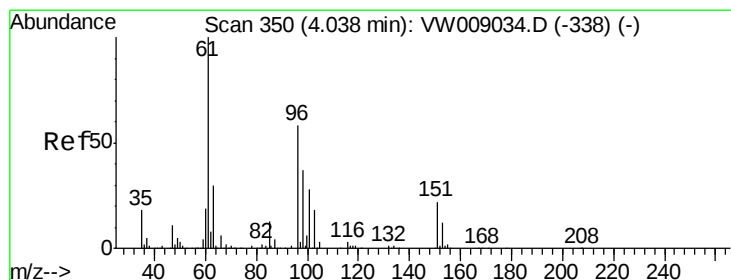
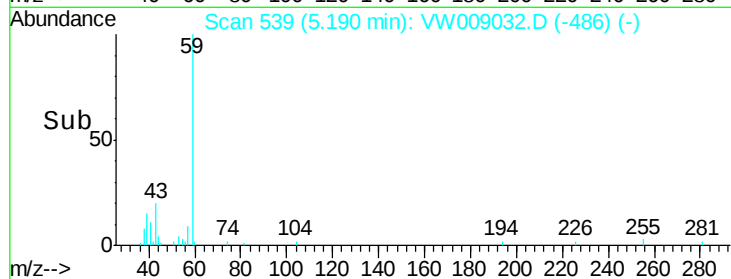
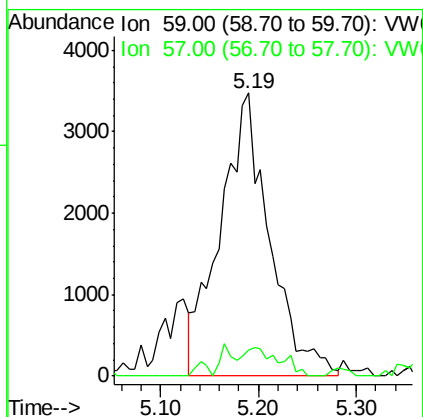
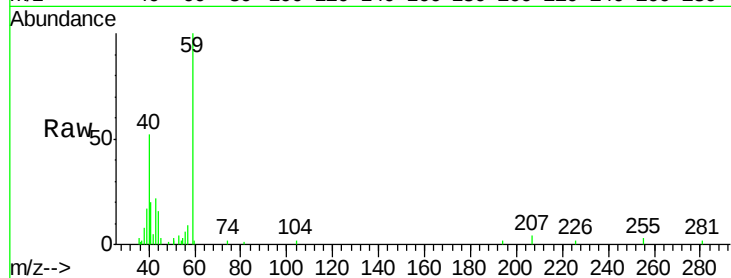




#11
Tert butyl alcohol
Concen: 57.956 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

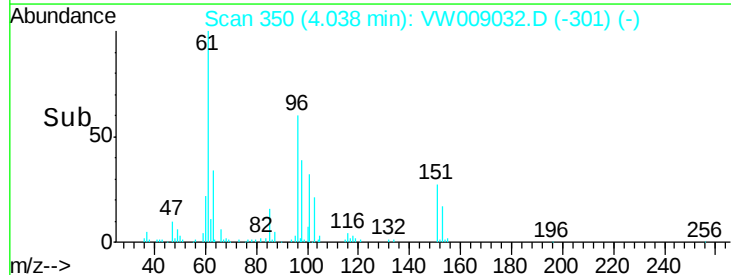
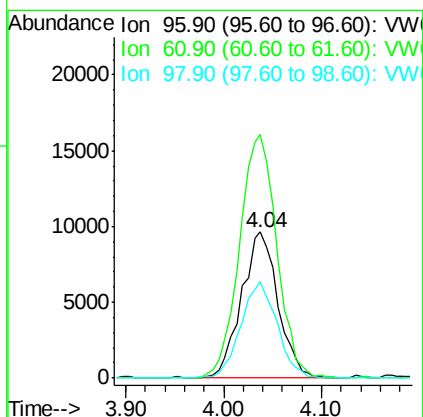
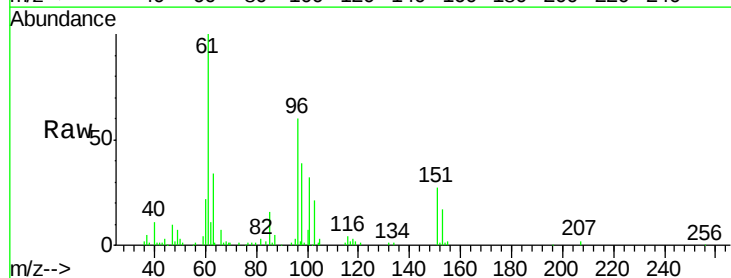
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

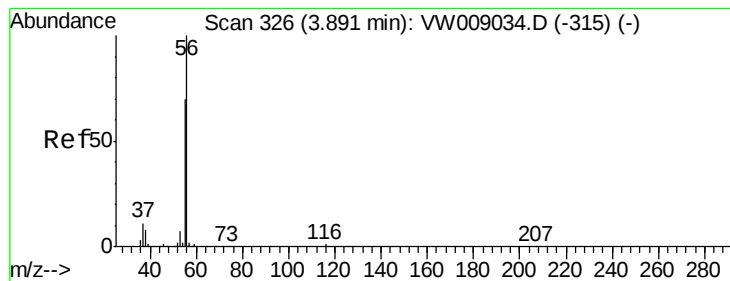
Tgt Ion: 59 Resp: 12127
Ion Ratio Lower Upper
59 100
57 7.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 9.495 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 96 Resp: 24947
Ion Ratio Lower Upper
96 100
61 166.7 138.2 207.2
98 65.8 51.3 76.9





#13

Acrolein

Concen: 54.891 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

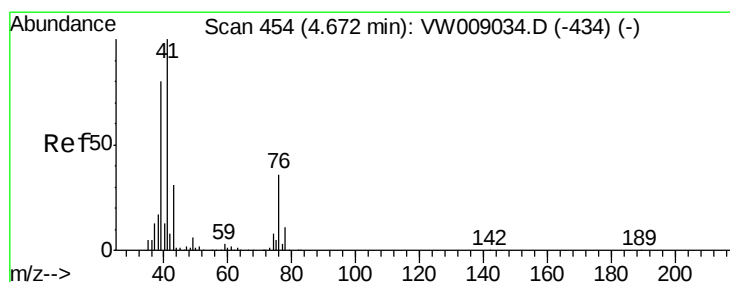
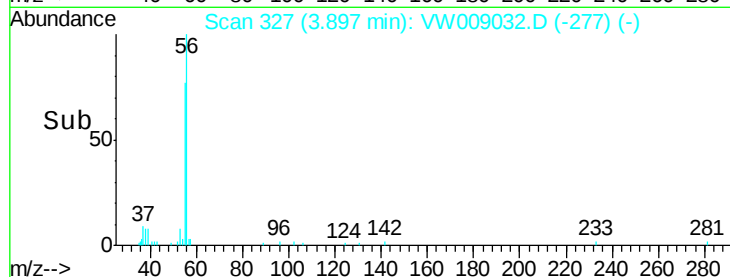
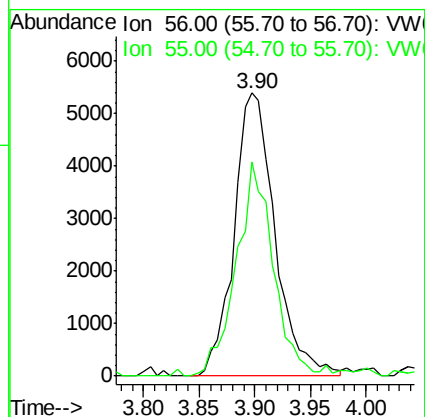
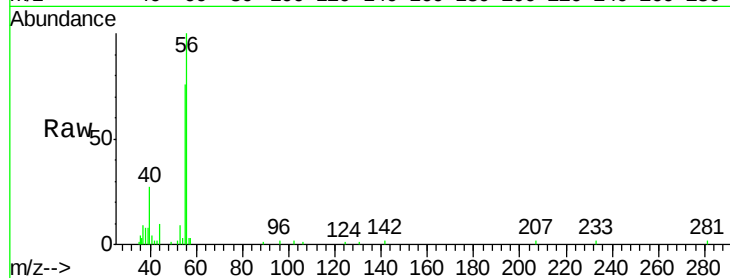
VSTDIC010

Tgt Ion: 56 Resp: 13750

Ion Ratio Lower Upper

56 100

55 68.5 56.6 84.8



#14

Allyl chloride

Concen: 9.211 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

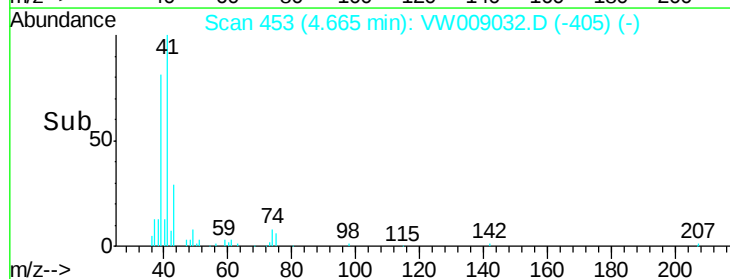
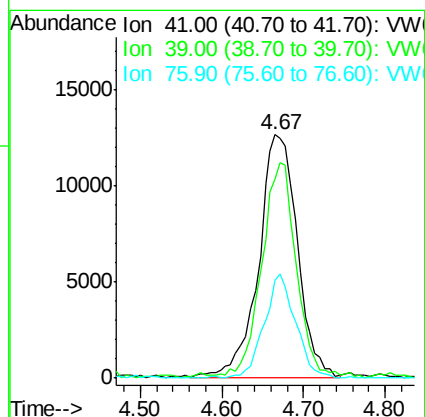
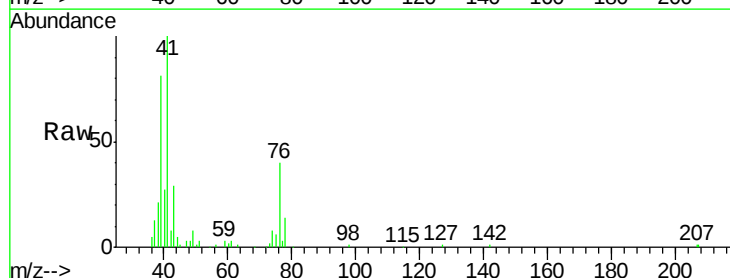
Tgt Ion: 41 Resp: 41964

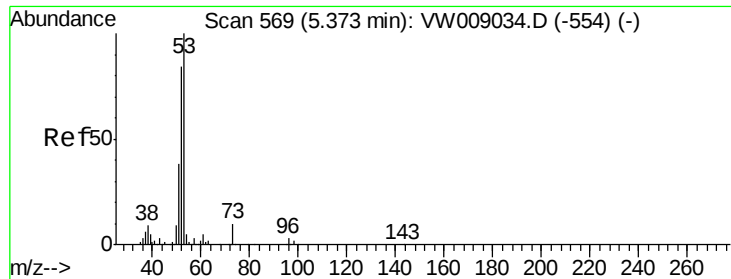
Ion Ratio Lower Upper

41 100

39 79.5 63.0 94.4

76 34.2 28.2 42.2

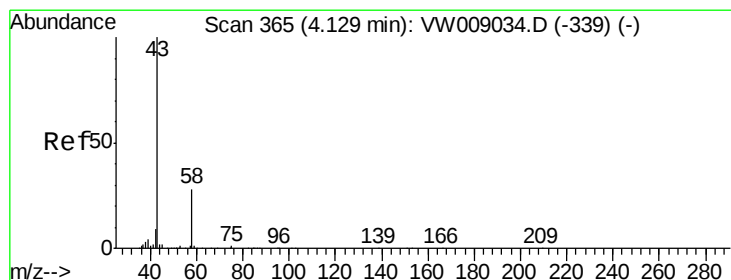
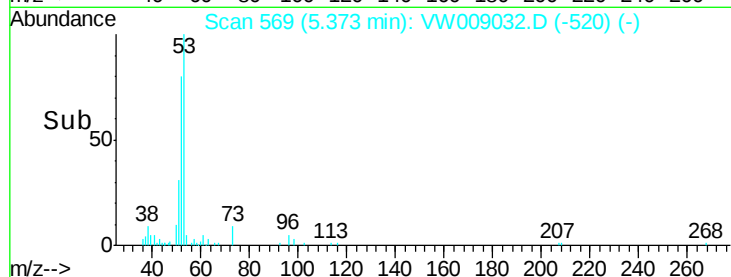
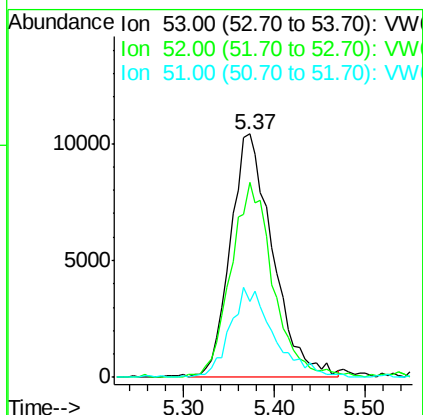
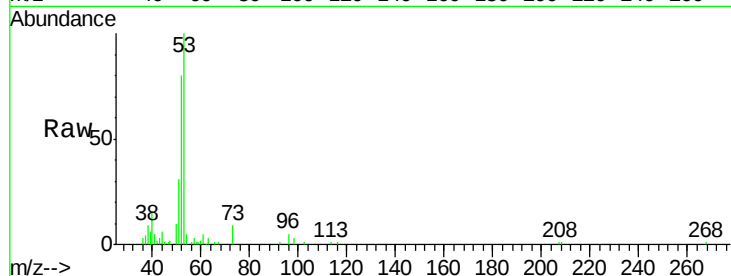




#15
 Acrylonitrile
 Concen: 51.171 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

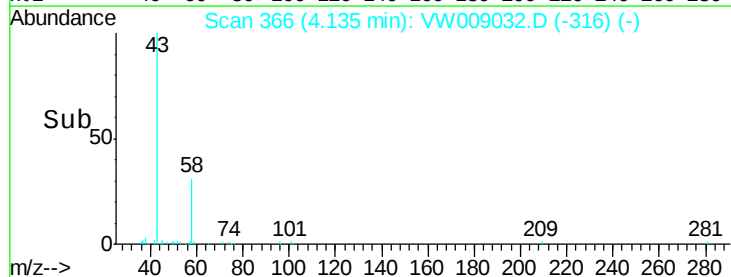
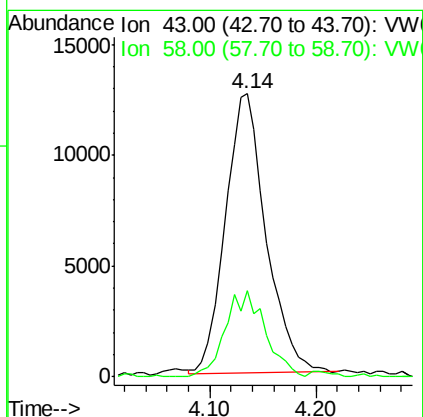
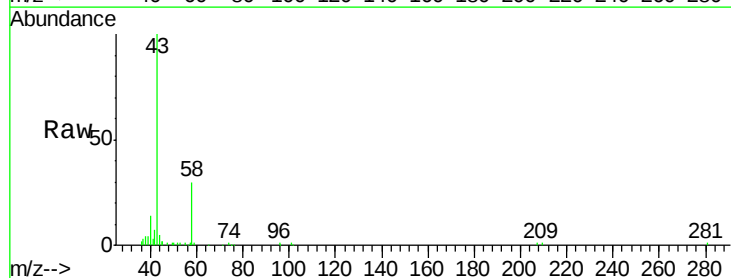
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

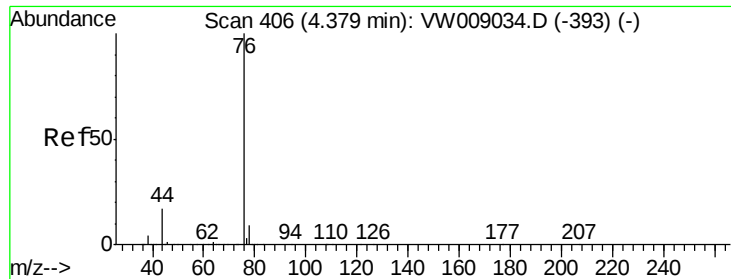
Tgt Ion: 53 Resp: 33777
 Ion Ratio Lower Upper
 53 100
 52 79.9 67.2 100.8
 51 38.1 31.8 47.6



#16
 Acetone
 Concen: 50.165 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 43 Resp: 33580
 Ion Ratio Lower Upper
 43 100
 58 30.9 22.5 33.7

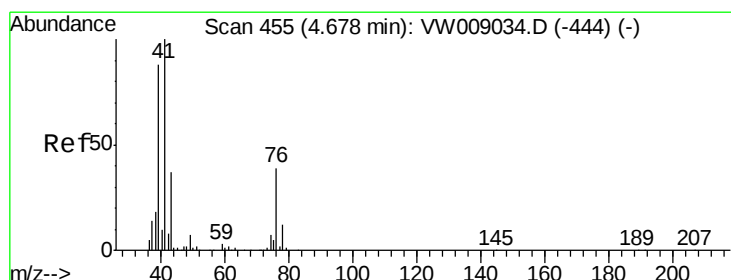
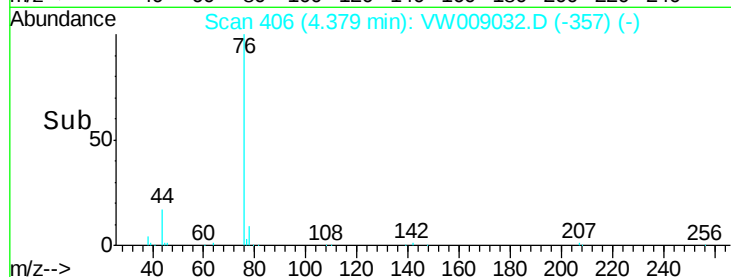
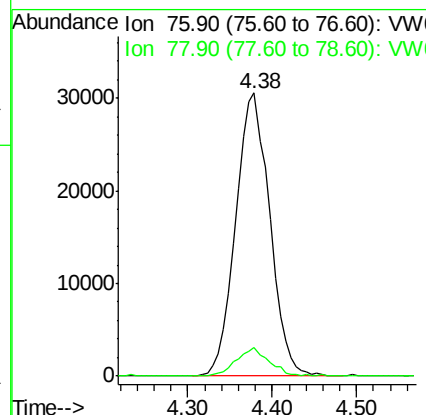
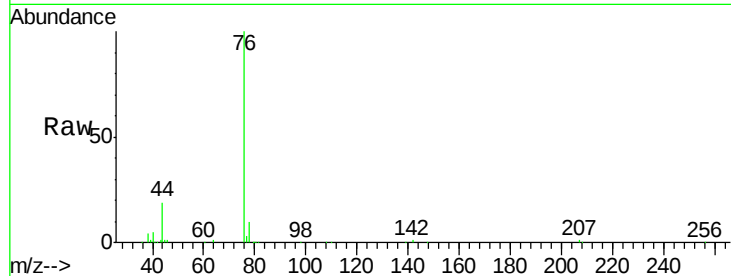




#17
Carbon Disulfide
Concen: 9.521 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

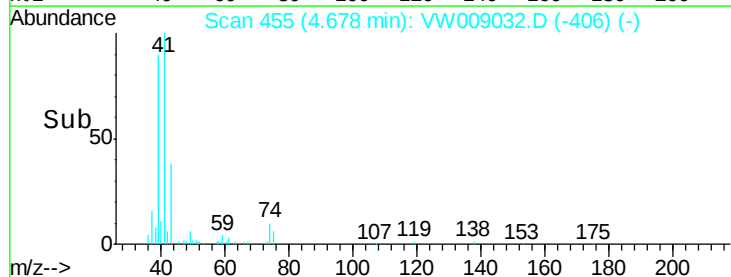
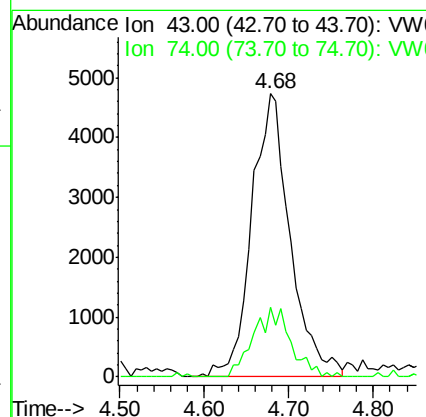
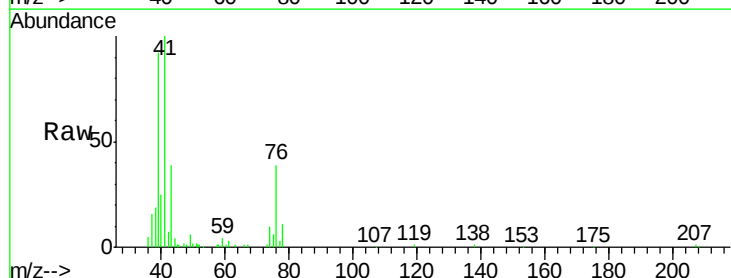
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

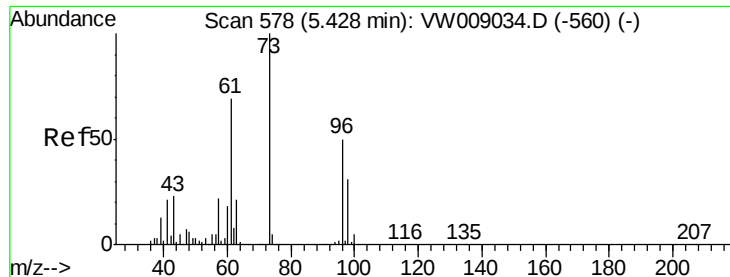
Tgt Ion: 76 Resp: 83829
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 9.590 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 43 Resp: 14755
Ion Ratio Lower Upper
43 100
74 23.7 17.6 26.4

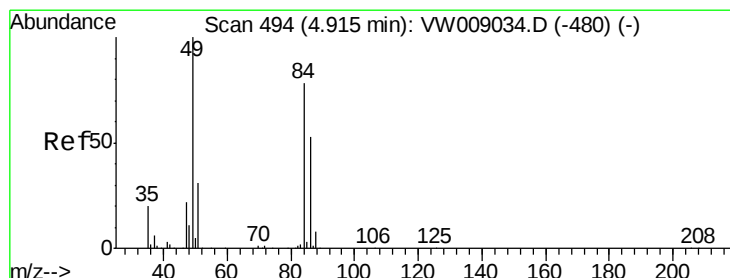
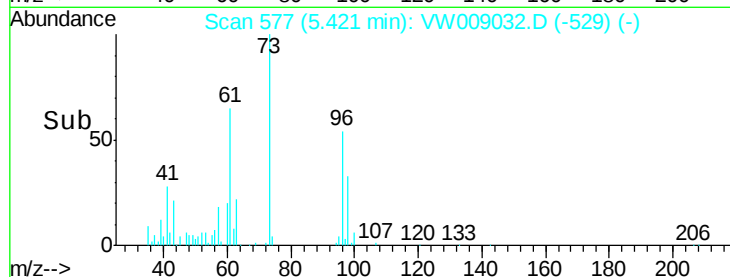
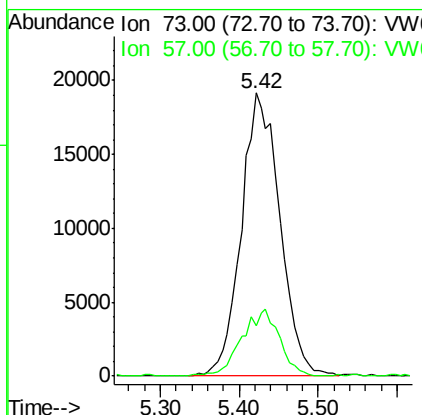
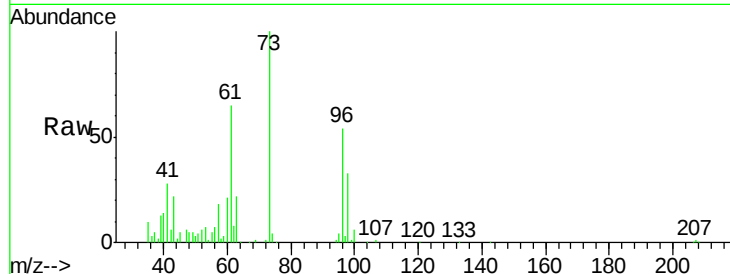




#19
Methyl tert-butyl Ether
Concen: 9.396 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

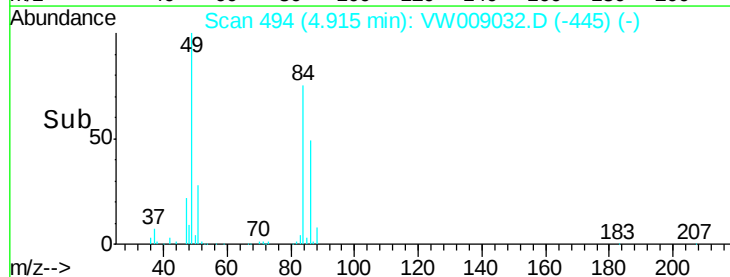
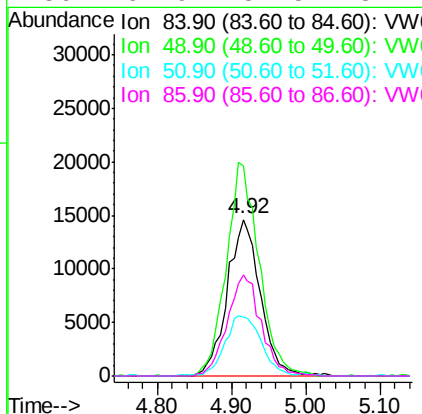
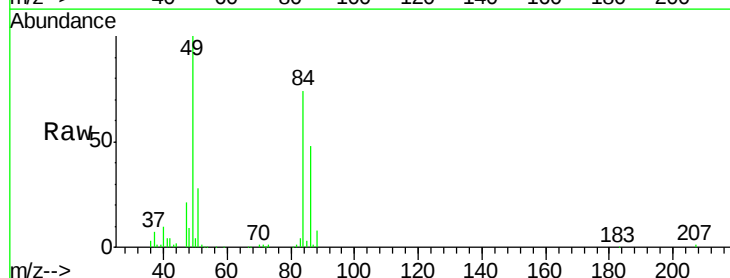
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

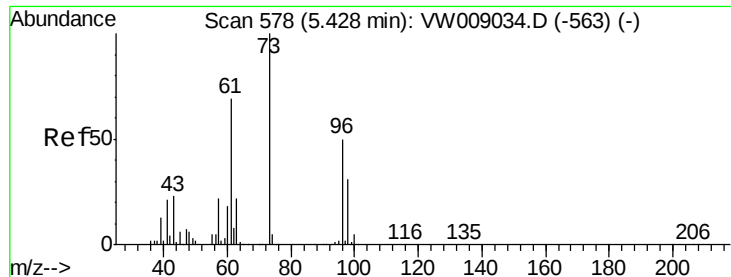
Tgt Ion: 73 Resp: 65085
Ion Ratio Lower Upper
73 100
57 17.6 17.3 25.9



#20
Methylene Chloride
Concen: 11.898 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 84 Resp: 45339
Ion Ratio Lower Upper
84 100
49 134.6 102.4 153.6
51 37.3 31.6 47.4
86 64.9 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 9.658 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

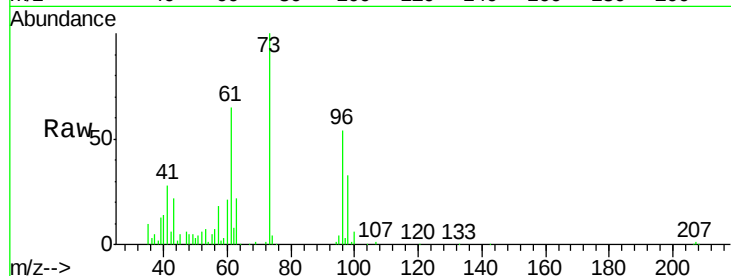
Tgt Ion: 96 Resp: 29312

Ion Ratio Lower Upper

96 100

61 120.1 111.0 166.6

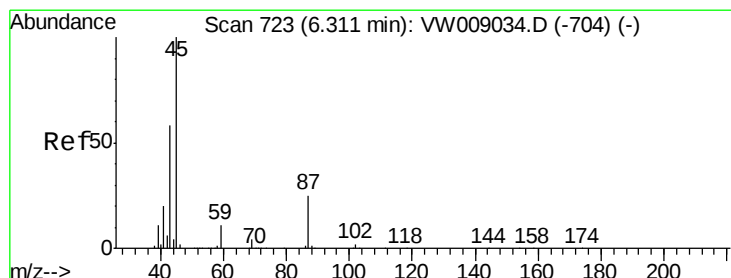
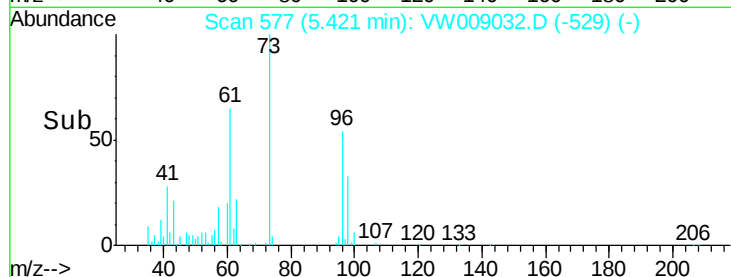
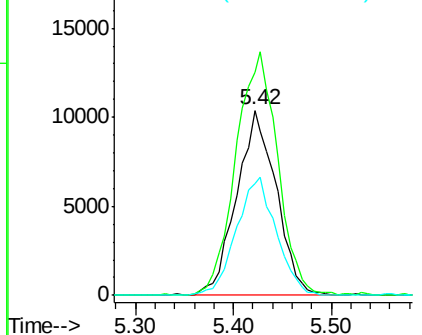
98 60.5 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 9.226 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Tgt Ion: 45 Resp: 84648

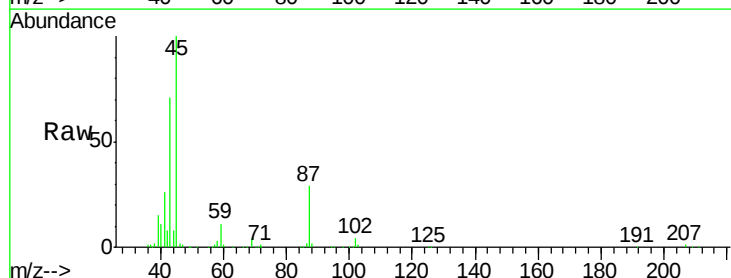
Ion Ratio Lower Upper

45 100

43 68.8 46.2 69.4

87 29.1 20.1 30.1

59 10.3 8.4 12.6

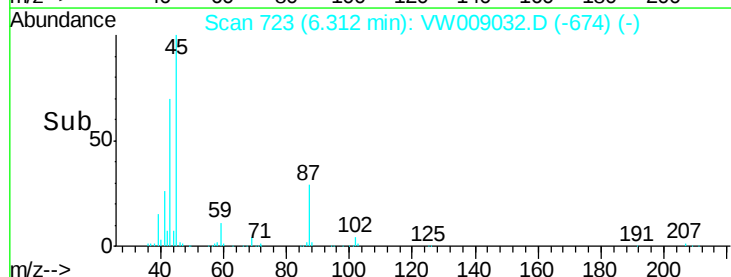
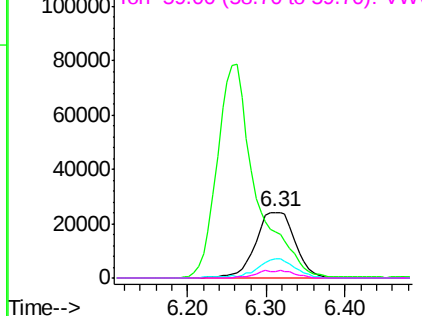


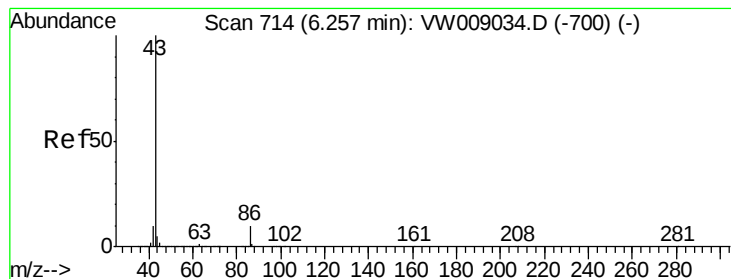
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 46.638 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

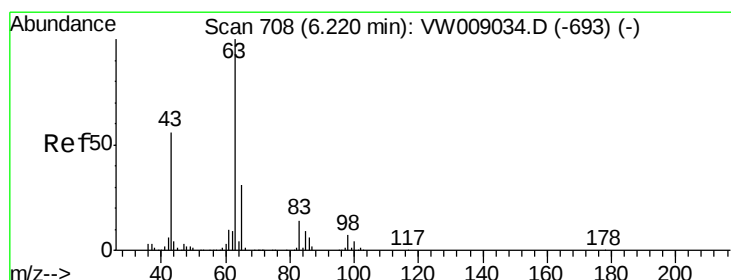
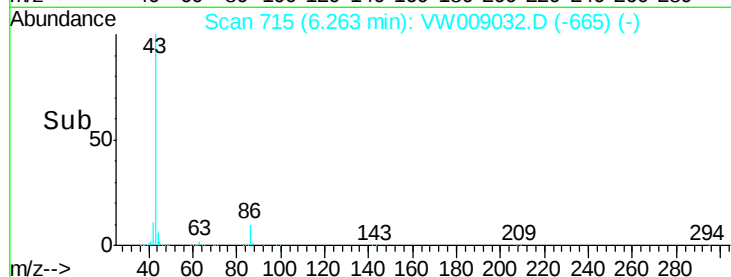
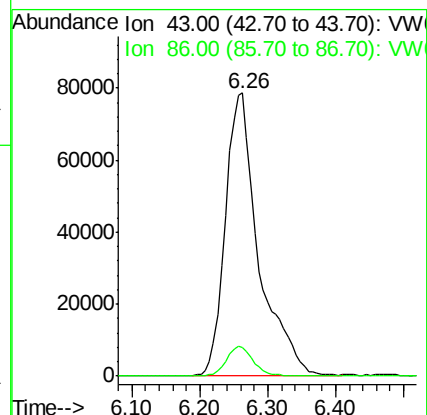
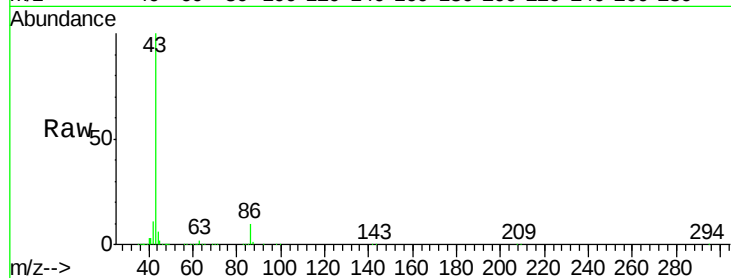
VSTDIC010

Tgt Ion: 43 Resp: 266710

Ion Ratio Lower Upper

43 100

86 10.1 7.6 11.4



#24

1,1-Dichloroethane

Concen: 9.362 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

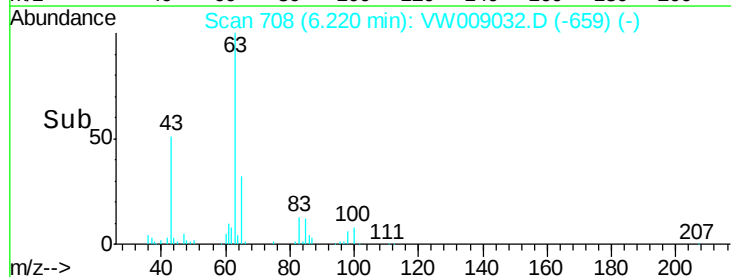
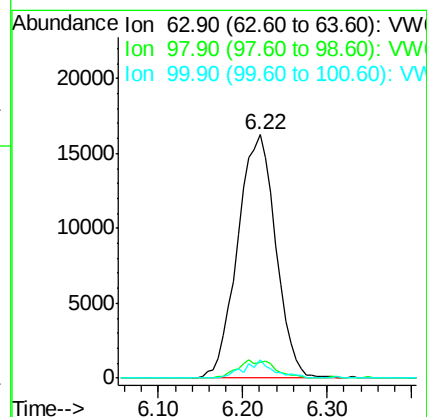
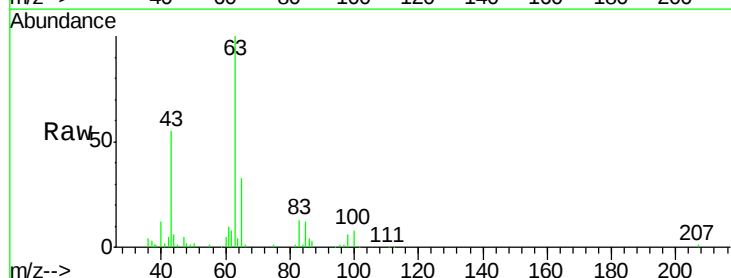
Tgt Ion: 63 Resp: 49810

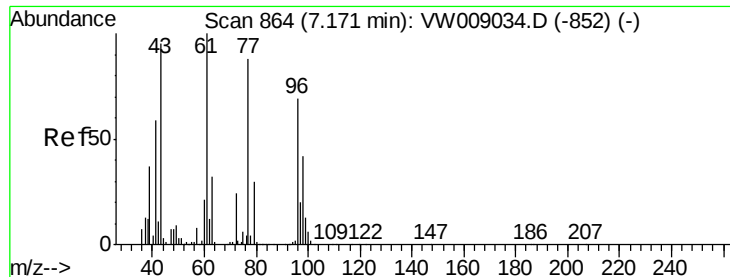
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 7.7 2.1 6.2#





#25

2-Butanone

Concen: 49.816 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

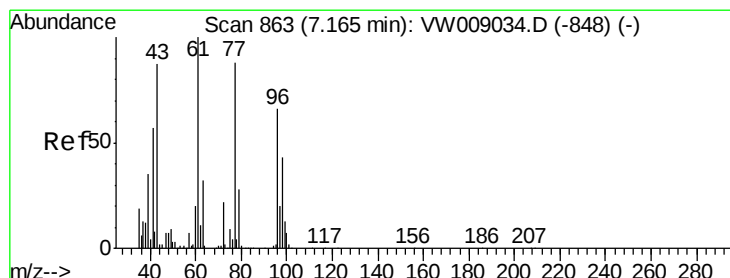
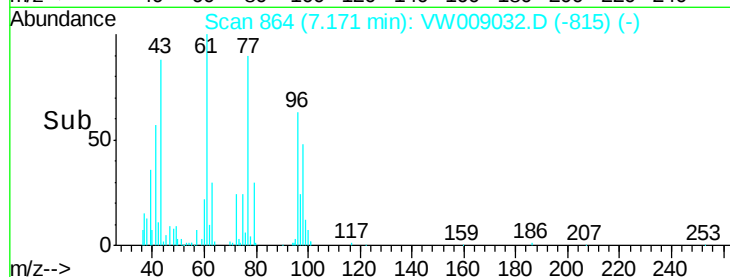
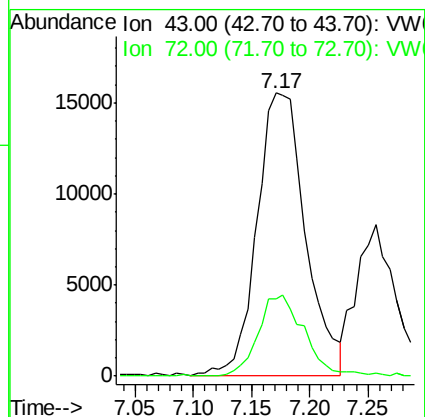
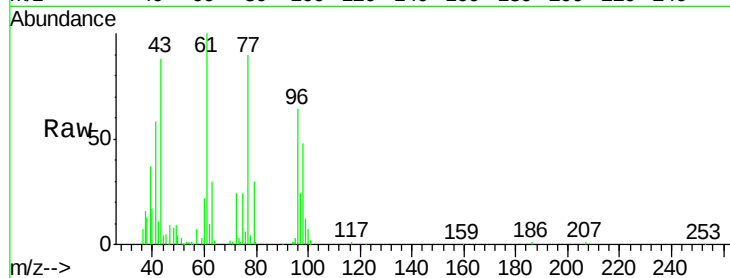
VSTDIC010

Tgt Ion: 43 Resp: 45266

Ion Ratio Lower Upper

43 100

72 27.3 20.0 30.0



#26

2,2-Dichloropropane

Concen: 9.832 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009032.D

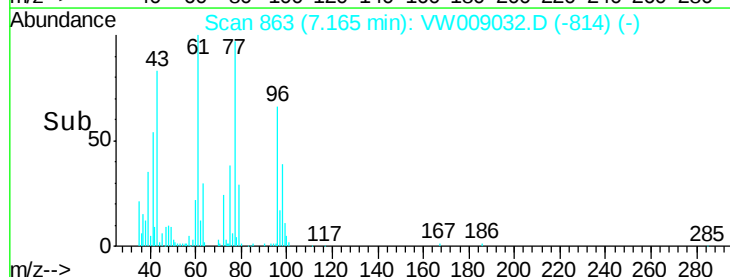
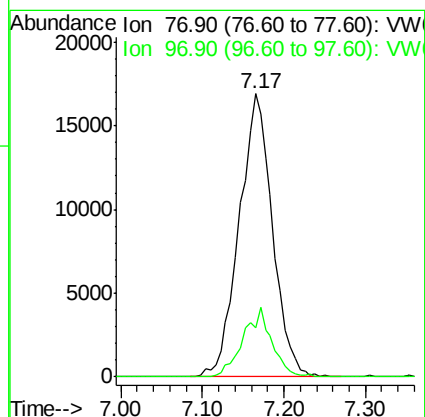
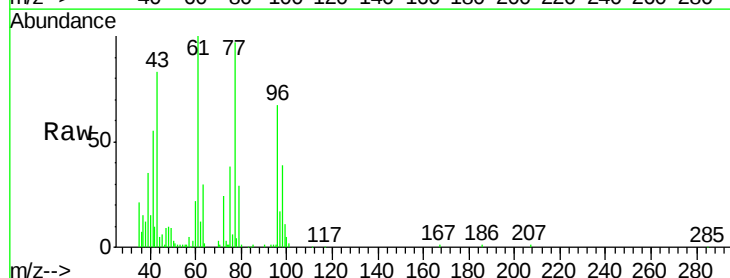
Acq: 07 Mar 2019 11:21

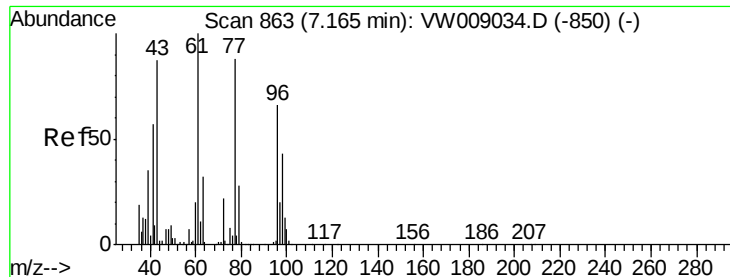
Tgt Ion: 77 Resp: 47798

Ion Ratio Lower Upper

77 100

97 21.1 10.9 32.9



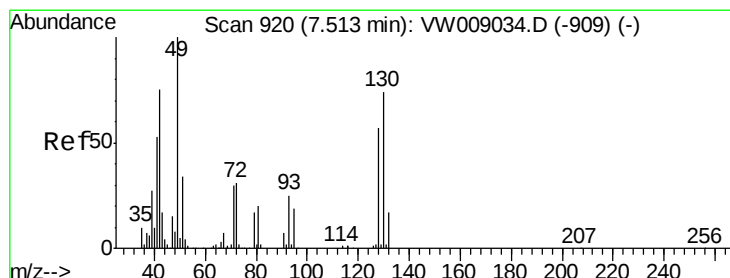
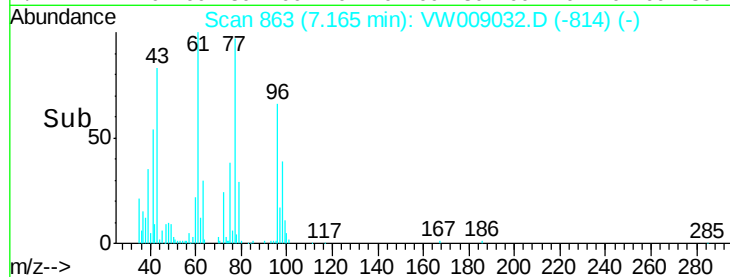
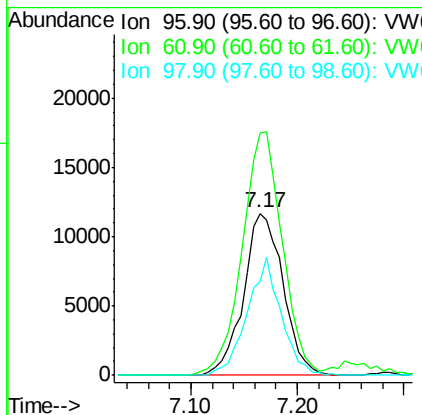
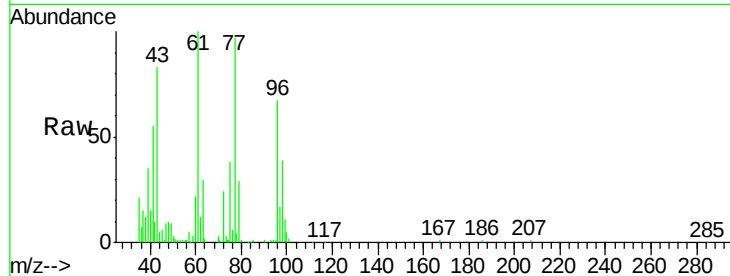


#27

cis-1,2-Dichloroethene
 Concen: 9.435 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

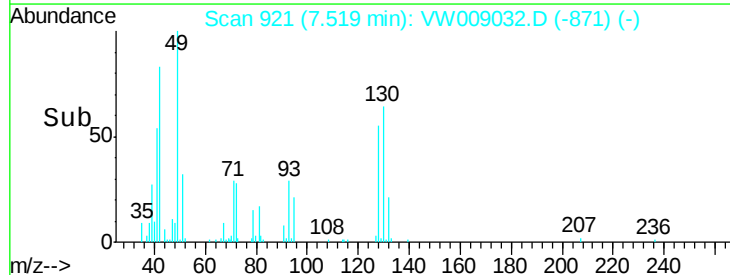
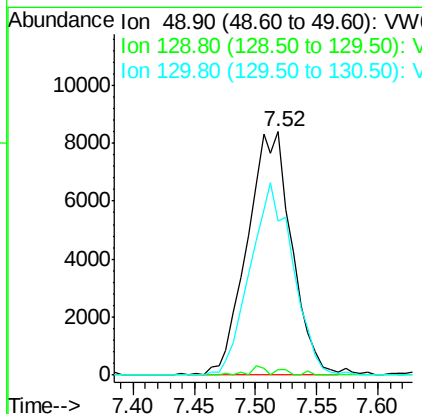
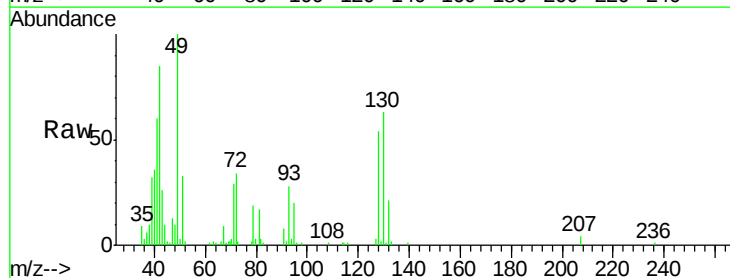
Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	299.8
98	62.3	0.0	127.2

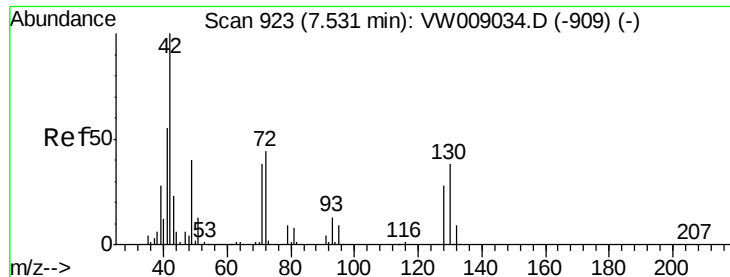


#28

Bromochloromethane
 Concen: 9.645 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.6
130	76.4	60.4	90.6

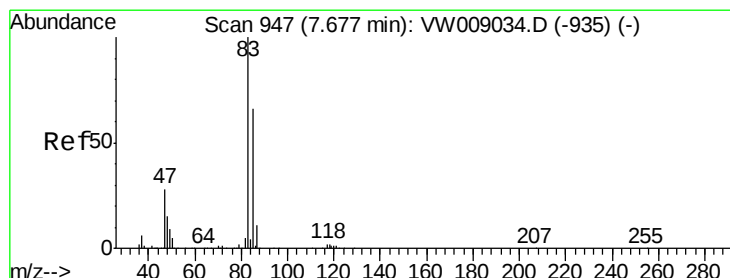
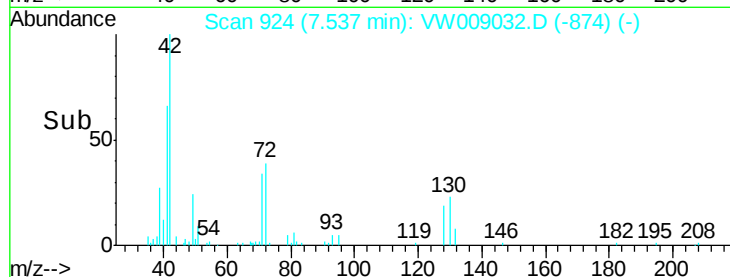
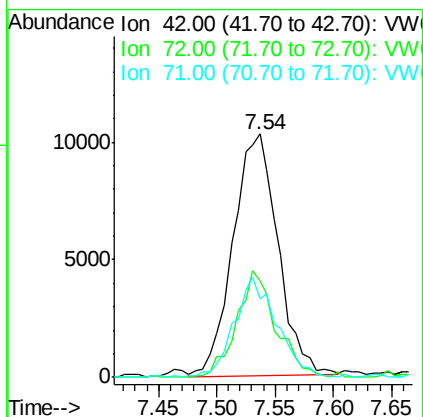
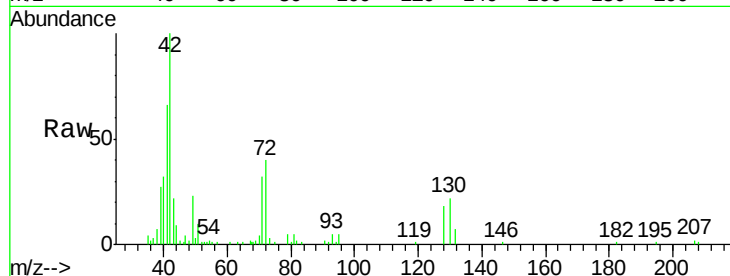




#29
Tetrahydrofuran
Concen: 47.307 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

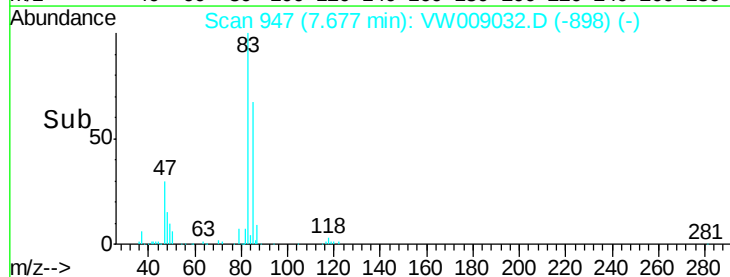
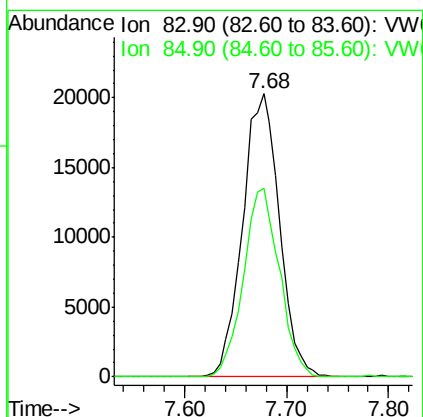
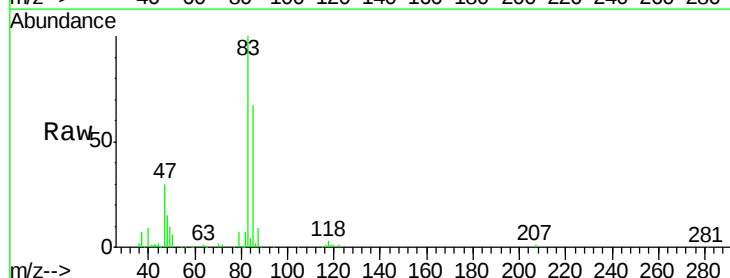
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

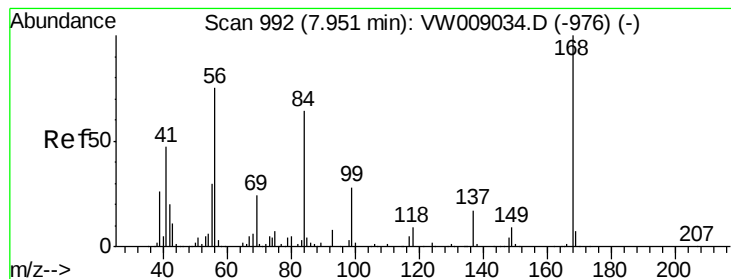
Tgt Ion: 42 Resp: 27560
Ion Ratio Lower Upper
42 100
72 38.7 32.2 48.4
71 39.2 30.7 46.1



#30
Chloroform
Concen: 9.358 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 83 Resp: 50879
Ion Ratio Lower Upper
83 100
85 66.7 53.0 79.6





#31

Cyclohexane

Concen: 10.199 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

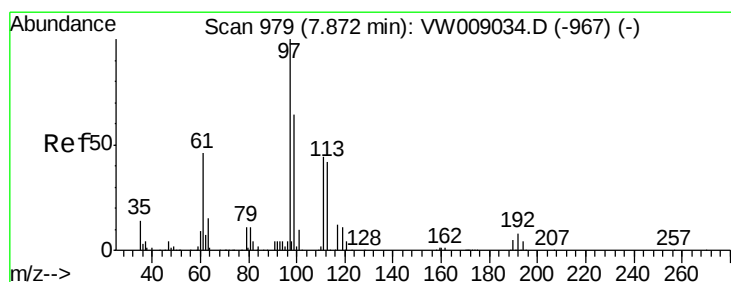
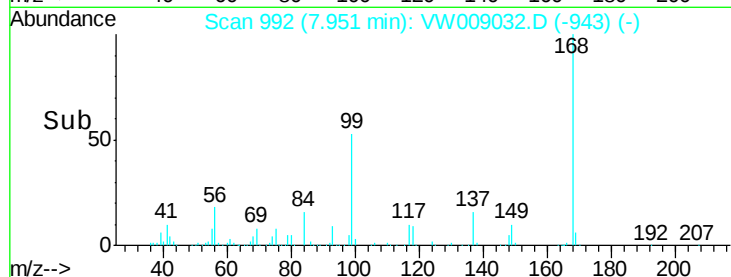
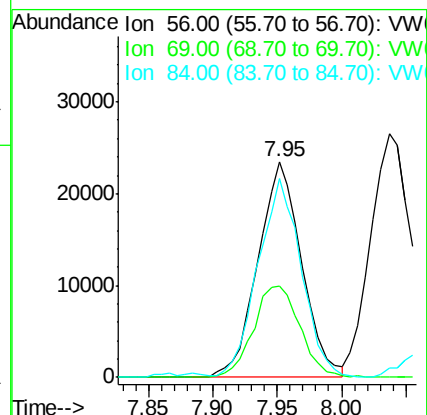
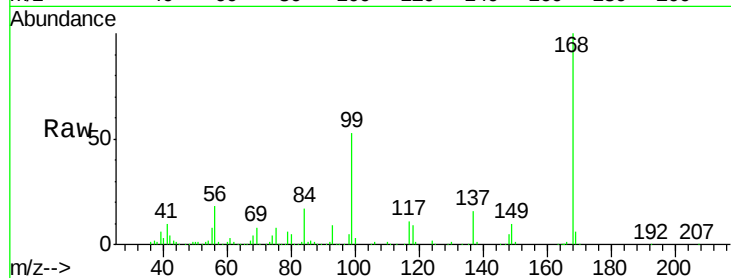
Tgt Ion: 56 Resp: 55210

Ion Ratio Lower Upper

56 100

69 42.4 25.5 38.3#

84 90.8 68.6 103.0



#32

1,1,1-Trichloroethane

Concen: 9.754 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

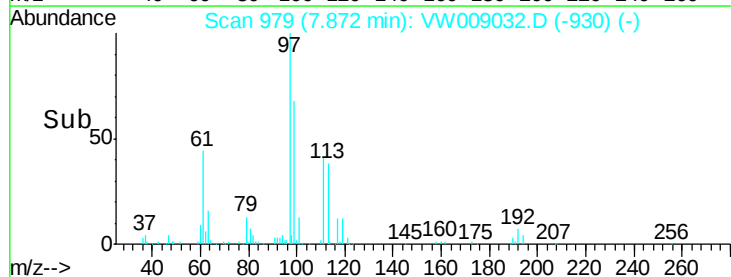
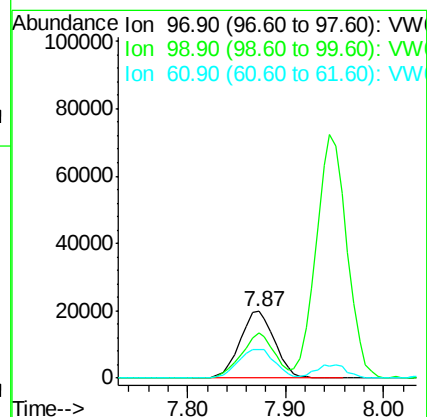
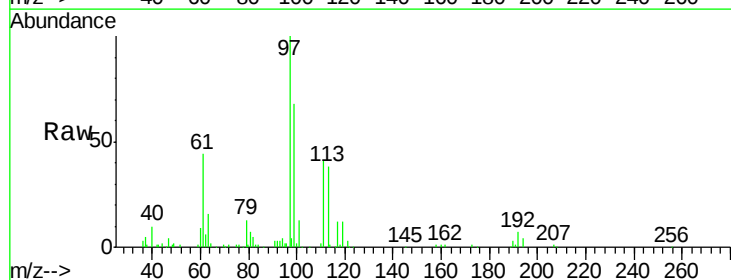
Tgt Ion: 97 Resp: 48835

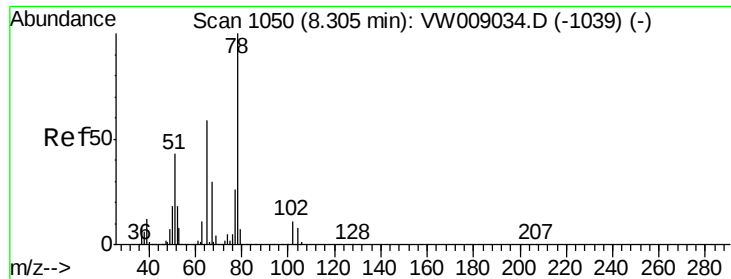
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 45.9 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 9.208 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

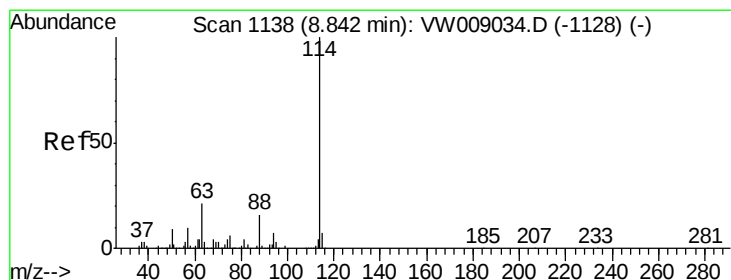
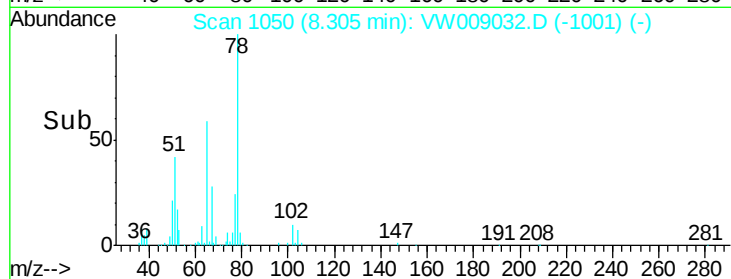
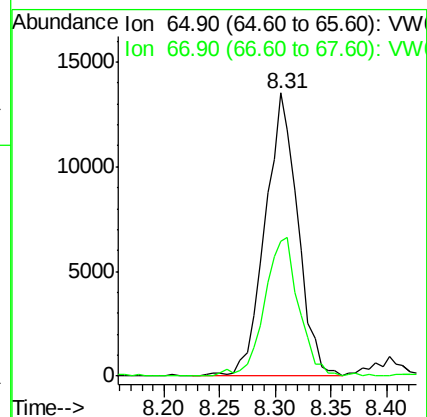
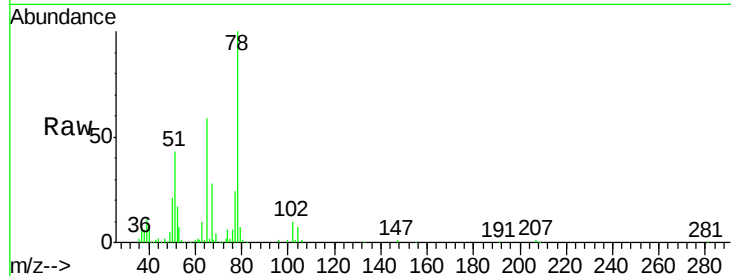
VSTDIC010

Tgt Ion: 65 Resp: 27578

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

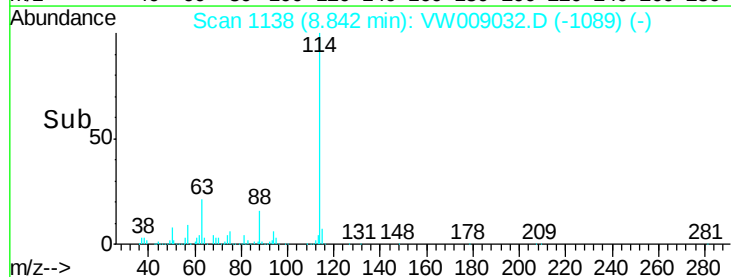
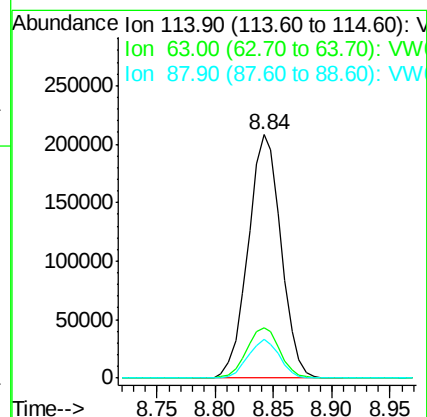
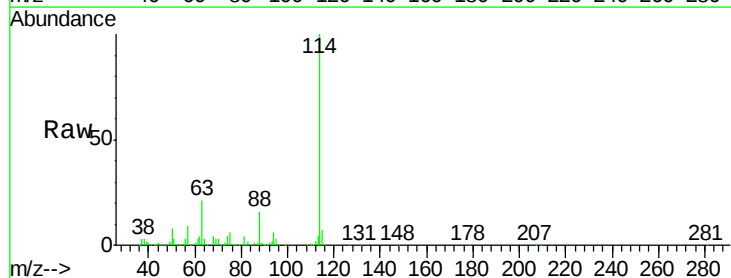
Tgt Ion: 114 Resp: 410797

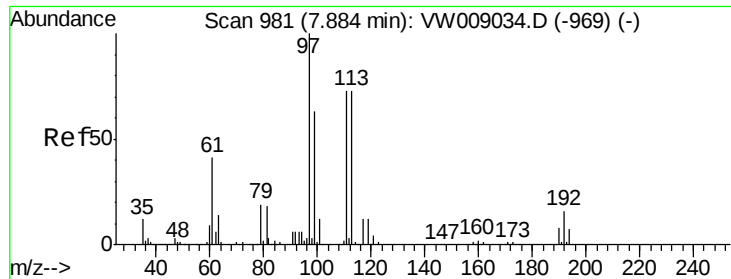
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 9.035 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

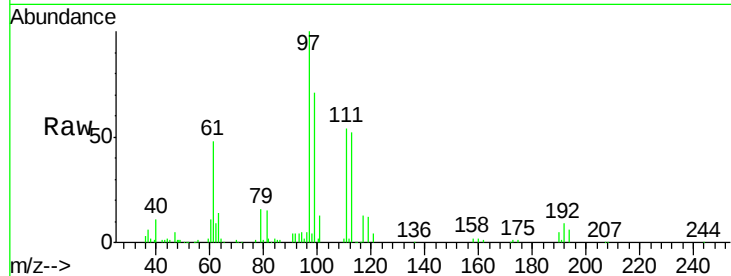
Tgt Ion:113 Resp: 22384

Ion Ratio Lower Upper

113 100

111 106.5 81.0 121.4

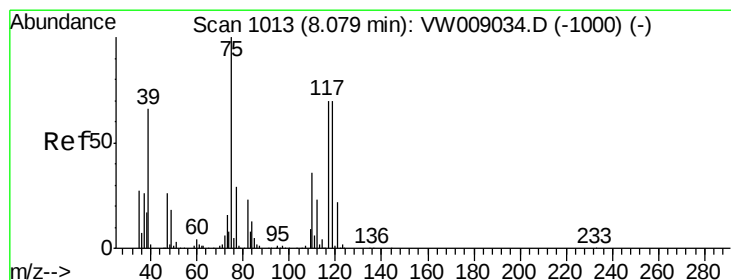
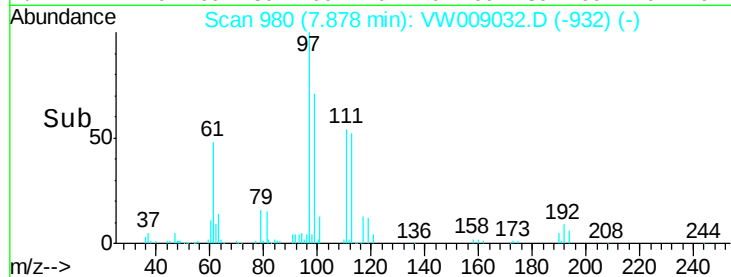
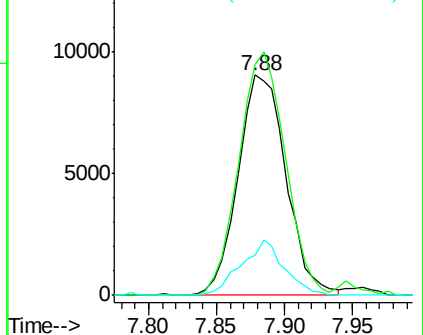
192 22.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 9.962 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

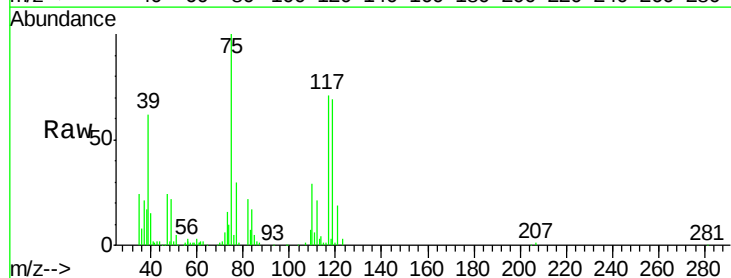
Tgt Ion: 75 Resp: 42341

Ion Ratio Lower Upper

75 100

110 33.5 17.6 52.9

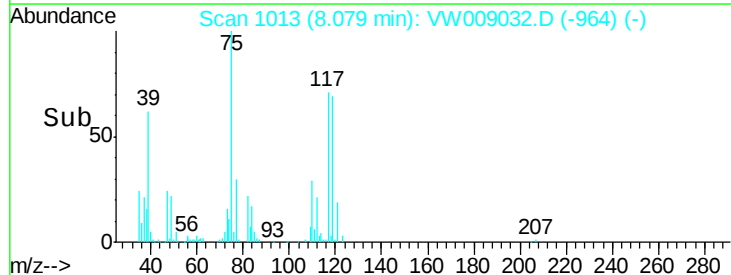
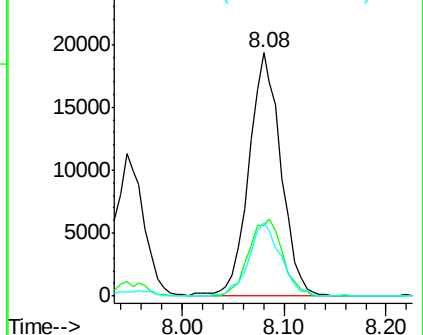
77 30.0 25.1 37.7

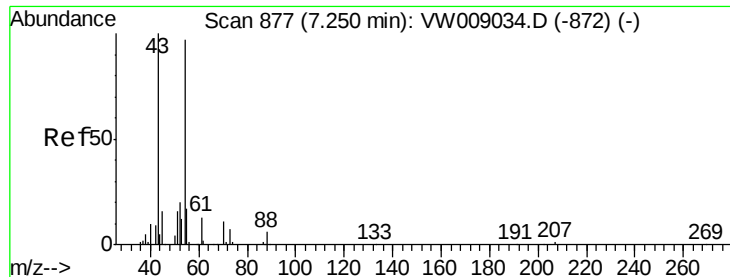


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

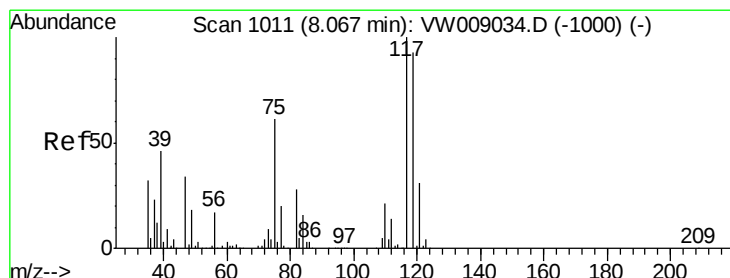
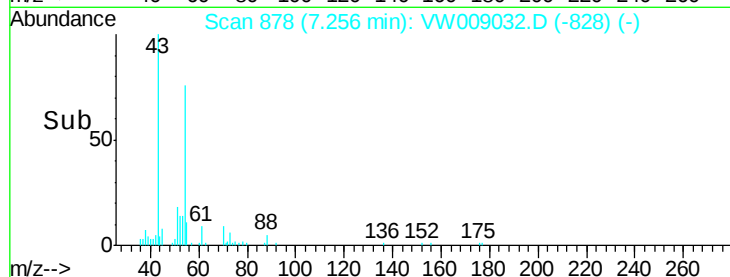
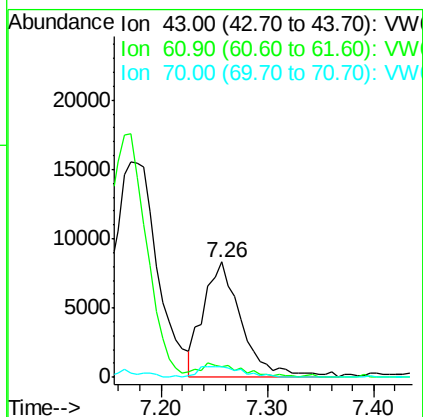
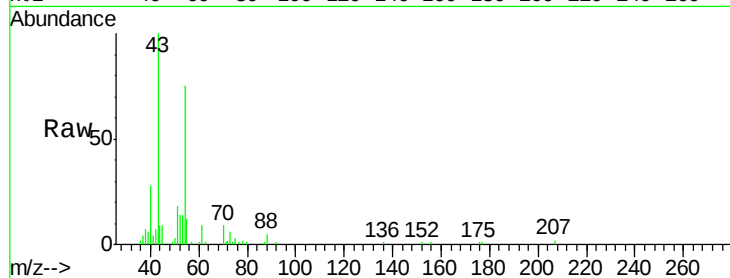




#37
Ethyl Acetate
Concen: 10.333 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

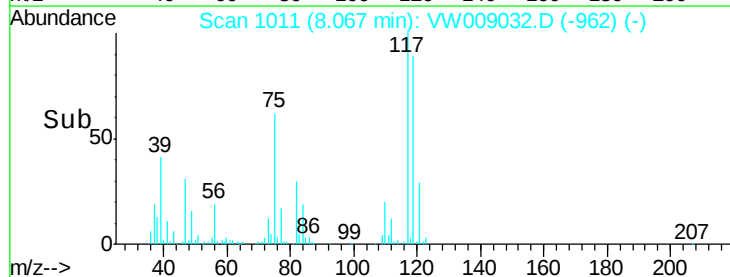
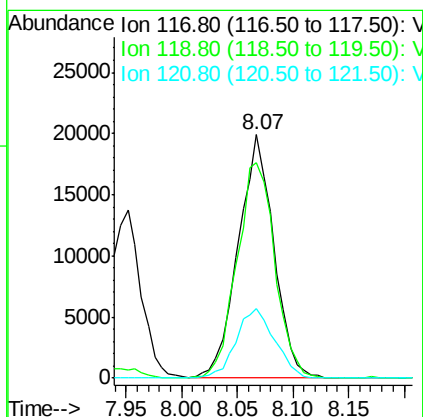
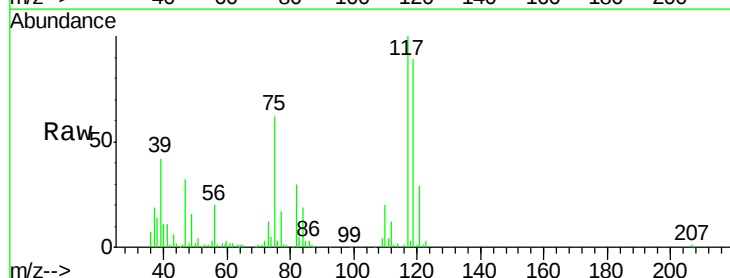
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

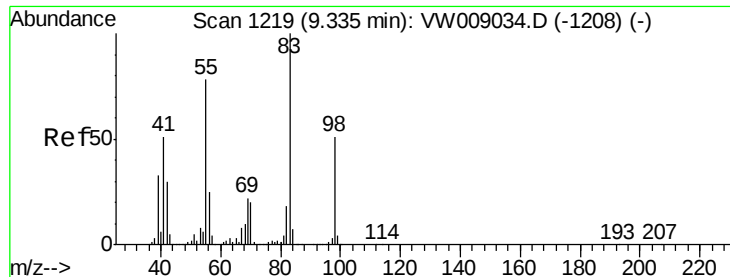
Tgt Ion: 43 Resp: 20633
Ion Ratio Lower Upper
43 100
61 12.1 9.8 14.6
70 11.2 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 10.036 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 117 Resp: 44211
Ion Ratio Lower Upper
117 100
119 88.8 74.6 112.0
121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 9.358 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

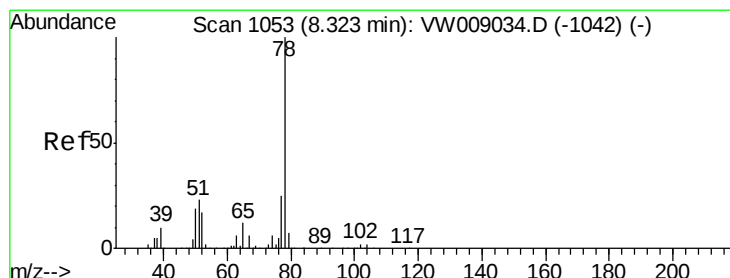
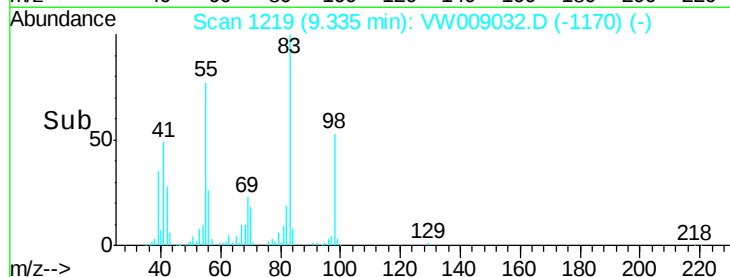
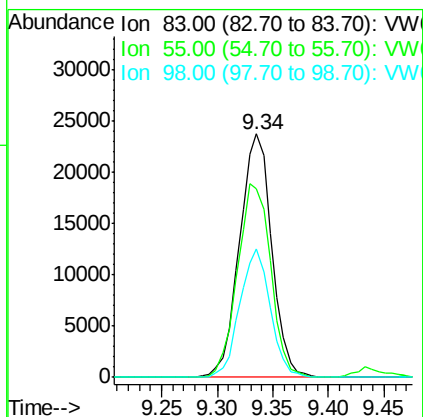
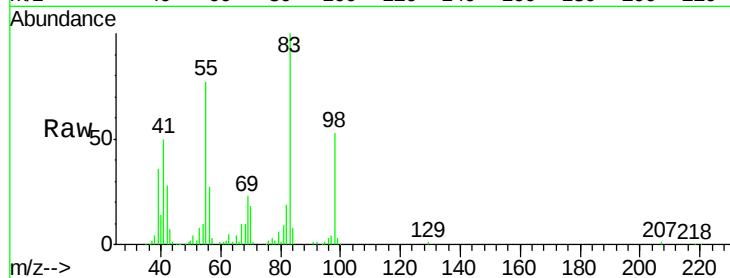
Tgt Ion: 83 Resp: 47642

Ion Ratio Lower Upper

83 100

55 77.3 62.7 94.1

98 52.7 40.8 61.2



#40

Benzene

Concen: 9.593 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW009032.D

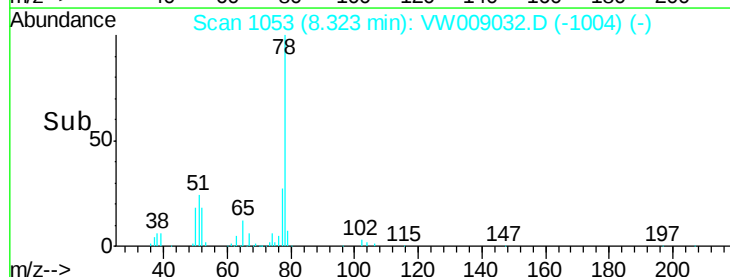
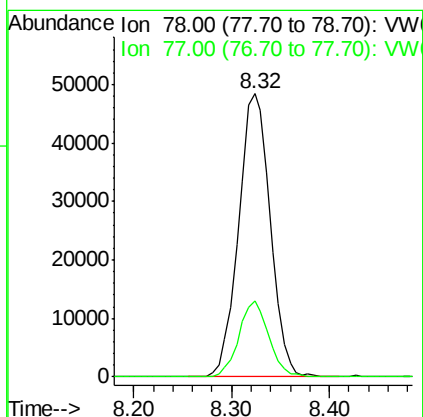
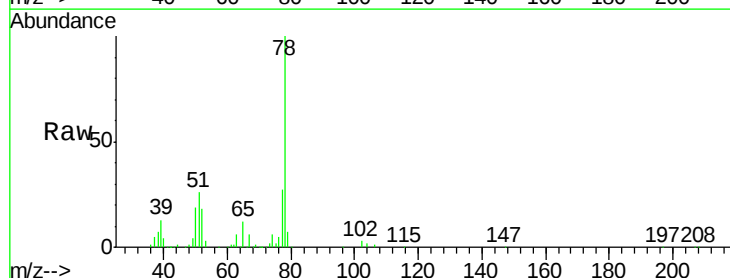
Acq: 07 Mar 2019 11:21

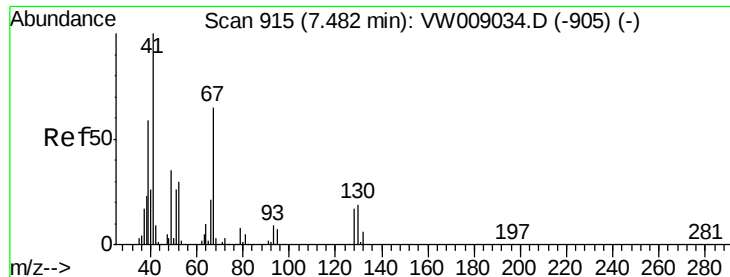
Tgt Ion: 78 Resp: 108422

Ion Ratio Lower Upper

78 100

77 26.9 20.2 30.4

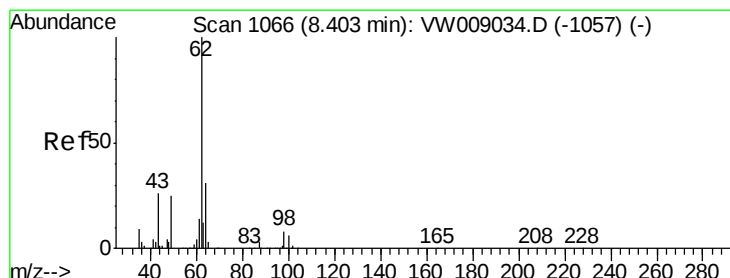
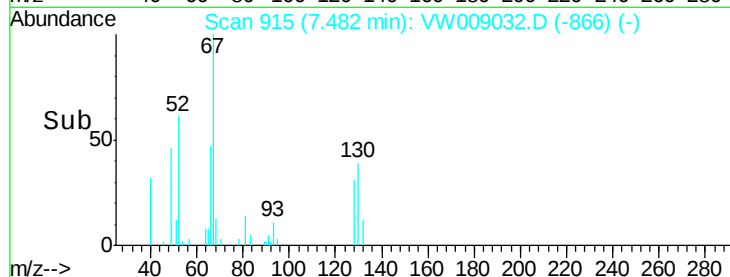
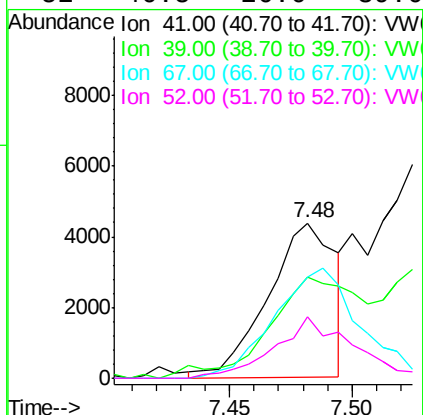
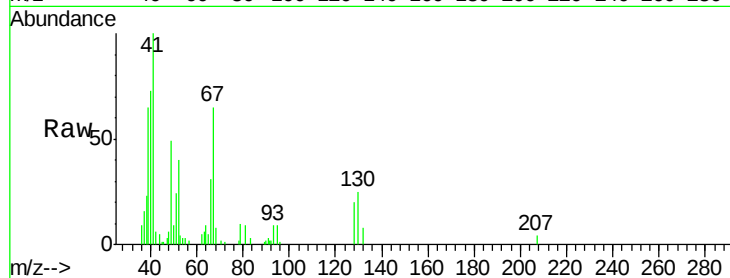




#41
Methacrylonitrile
Concen: 7.995 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

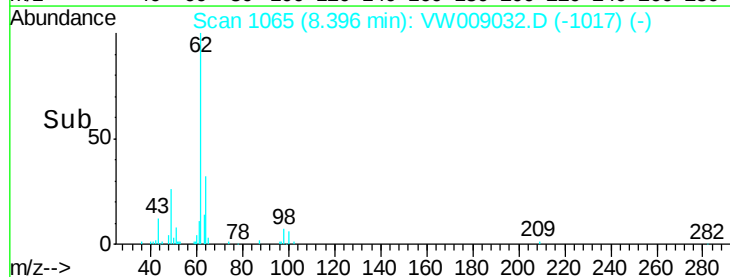
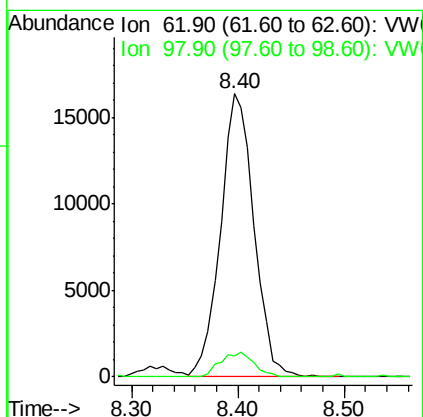
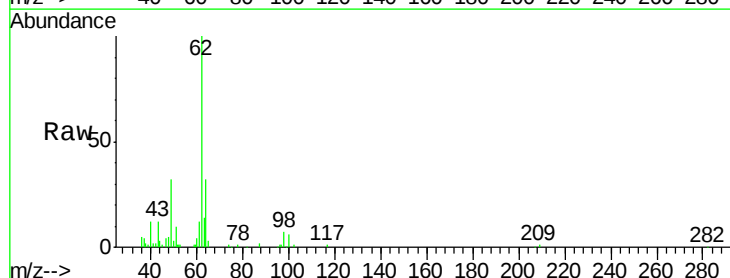
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

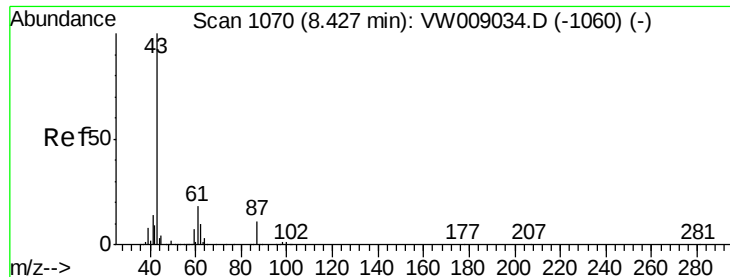
Tgt Ion:	41	Resp:	8413
Ion	Ratio	Lower	Upper
41	100		
39	88.1	53.6	80.4#
67	92.2	57.6	86.4#
52	46.5	26.0	39.0#



#42
1,2-Dichloroethane
Concen: 9.727 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion:	62	Resp:	35825
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 9.688 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

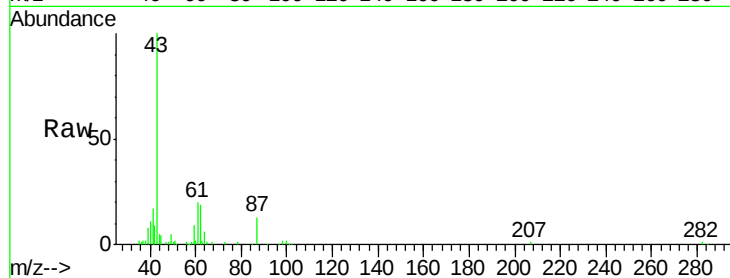
Tgt Ion: 43 Resp: 36189

Ion Ratio Lower Upper

43 100

61 29.8 22.8 34.2

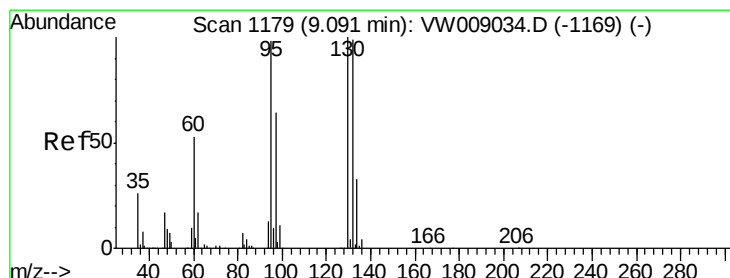
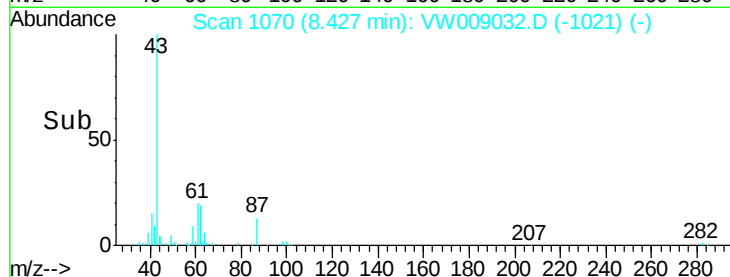
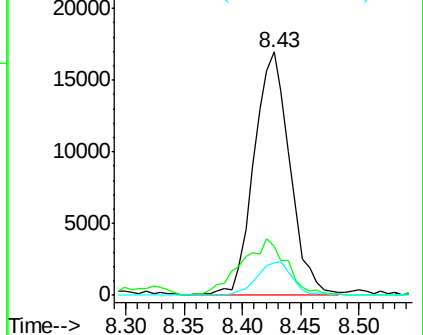
87 13.3 9.4 14.2



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: 10.077 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009032.D

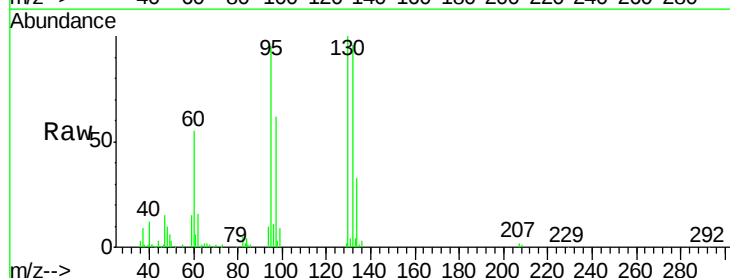
Acq: 07 Mar 2019 11:21

Tgt Ion: 130 Resp: 32020

Ion Ratio Lower Upper

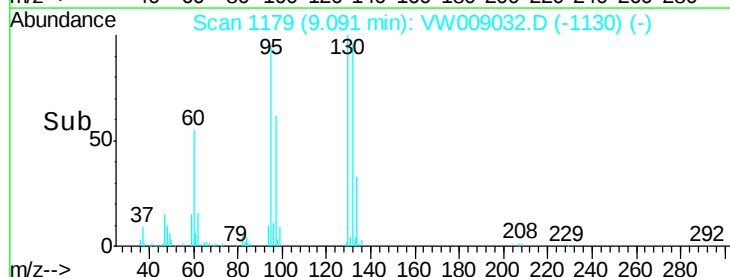
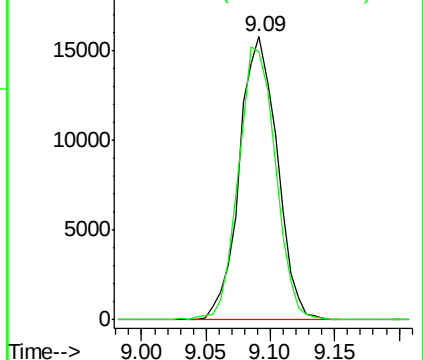
130 100

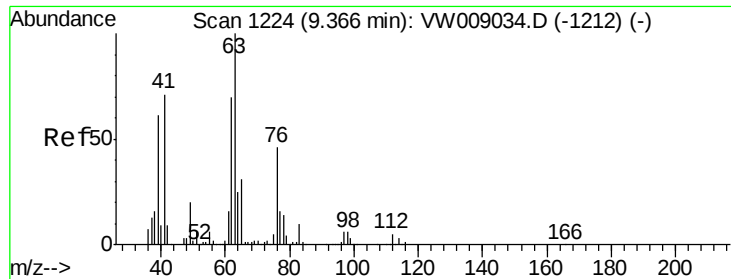
95 94.8 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

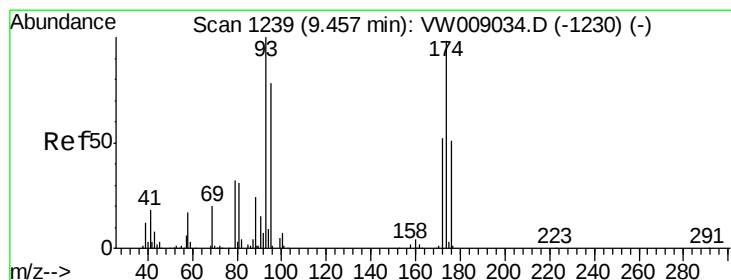
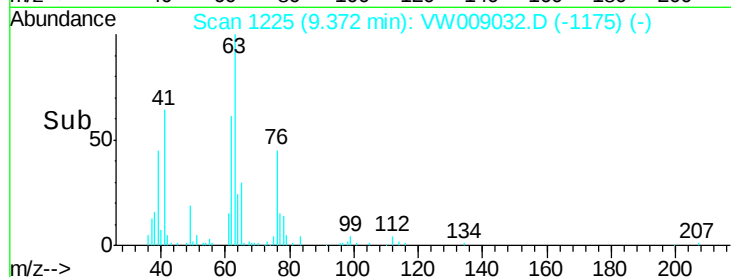
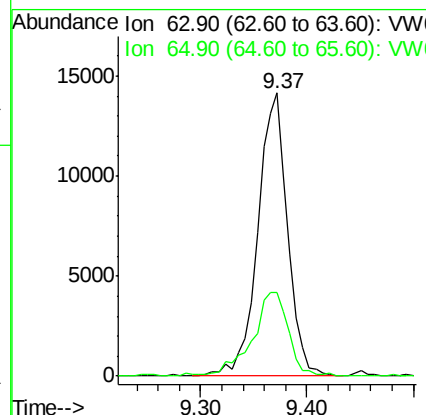
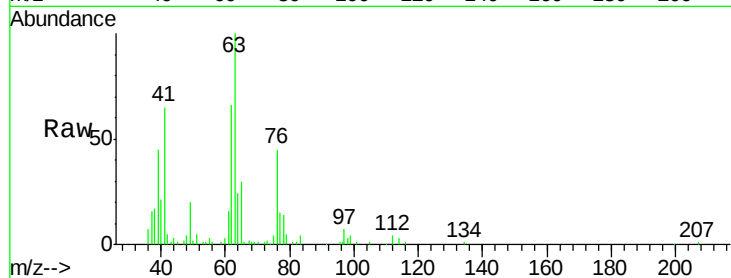




#45
 1,2-Dichloropropane
 Concen: 9.831 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

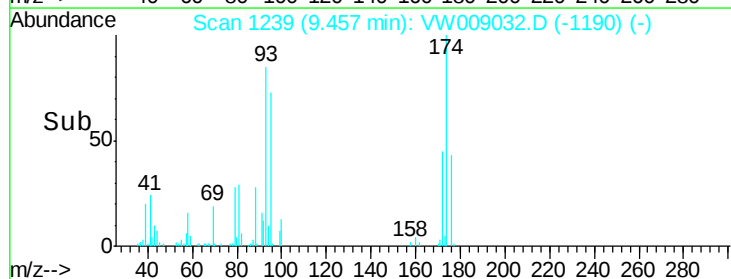
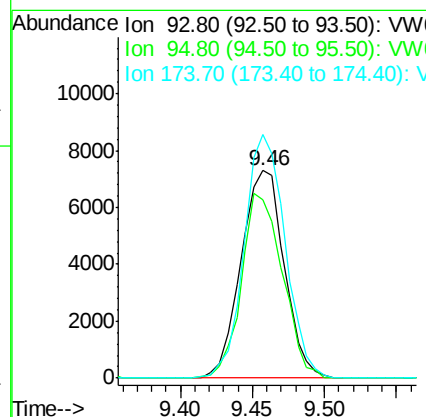
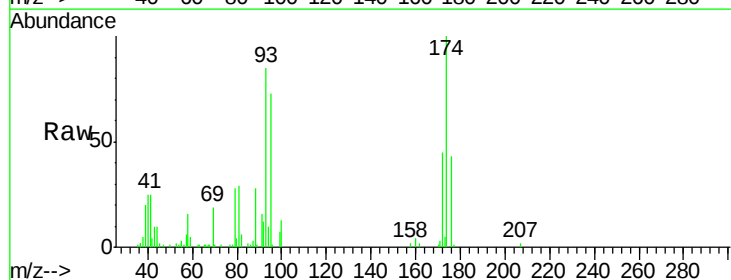
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

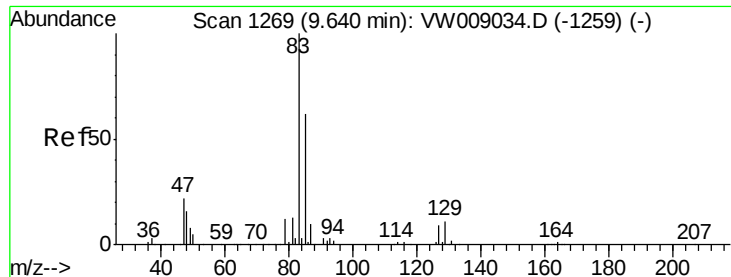
Tgt Ion: 63 Resp: 27639
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.9 37.3



#46
 Dibromomethane
 Concen: 9.715 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 93 Resp: 15170
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.0 97.6
 174 110.8 81.8 122.6

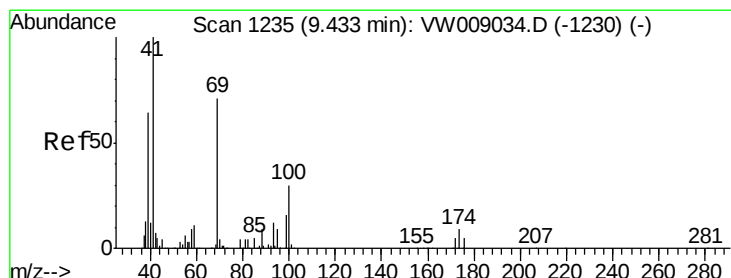
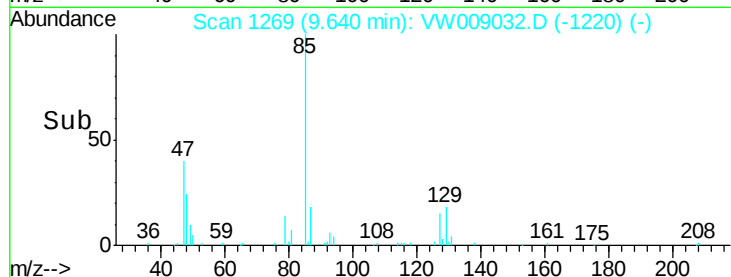
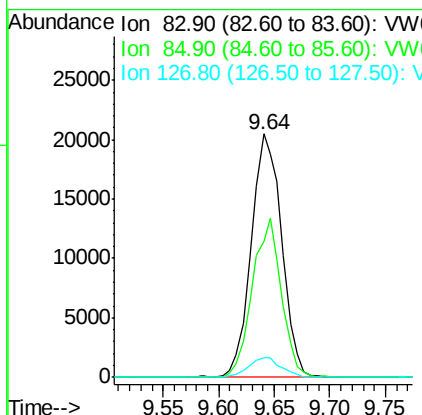
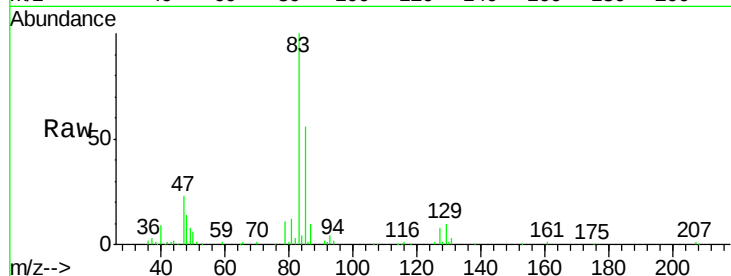




#47
Bromodichloromethane
Concen: 9.919 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

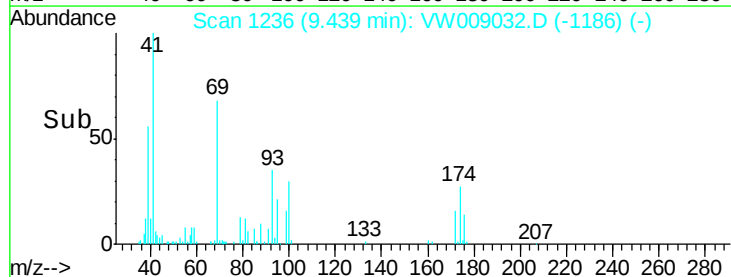
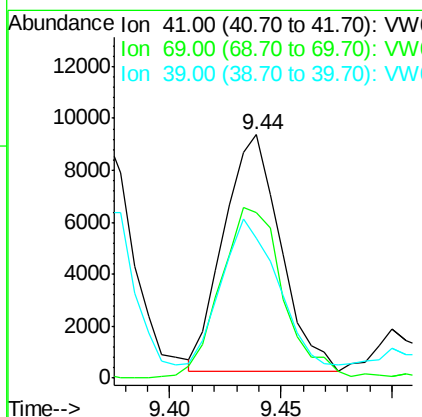
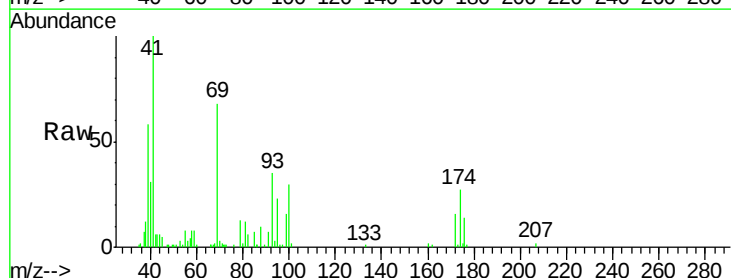
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

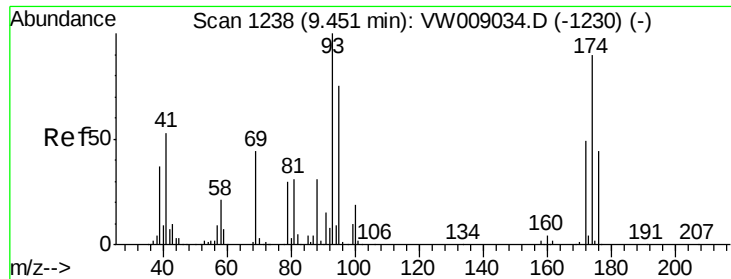
Tgt Ion: 83 Resp: 39038
Ion Ratio Lower Upper
83 100
85 55.7 49.9 74.9
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 9.217 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 41 Resp: 16235
Ion Ratio Lower Upper
41 100
69 80.1 59.1 88.7
39 62.6 48.9 73.3





#49

1,4-Dioxane

Concen: 213.569 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

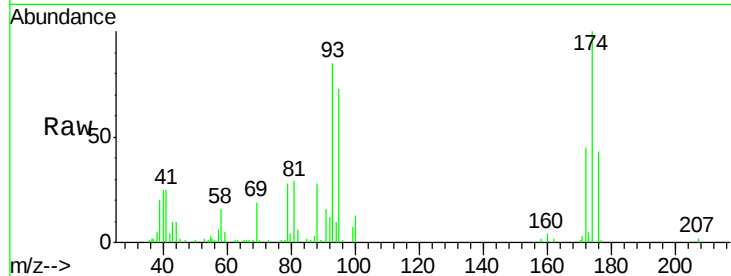
Tgt Ion: 88 Resp: 4896

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

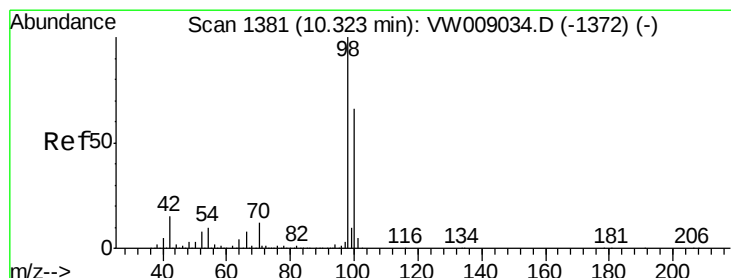
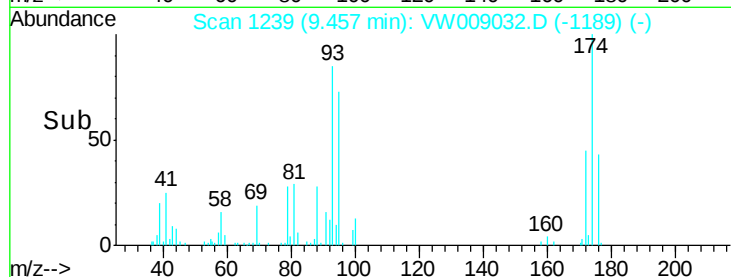
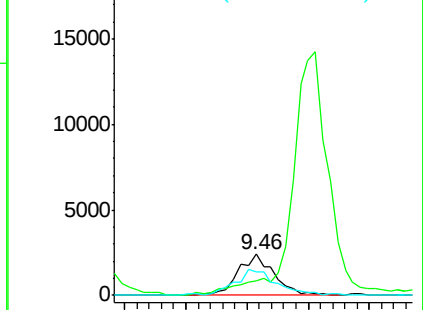
58 73.2 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 9.321 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009032.D

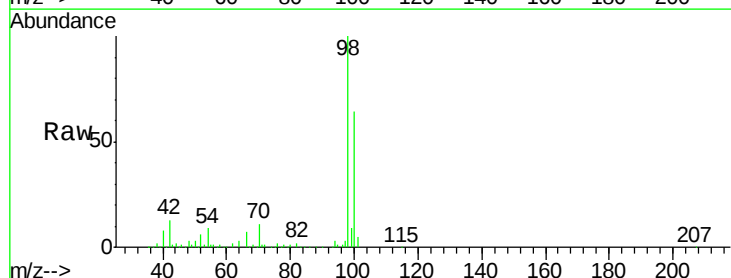
Acq: 07 Mar 2019 11:21

Tgt Ion: 98 Resp: 95504

Ion Ratio Lower Upper

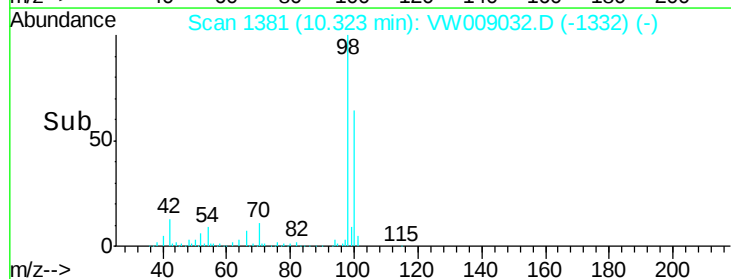
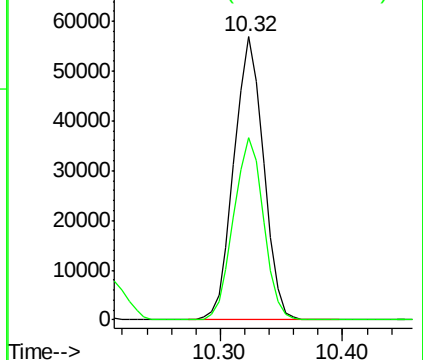
98 100

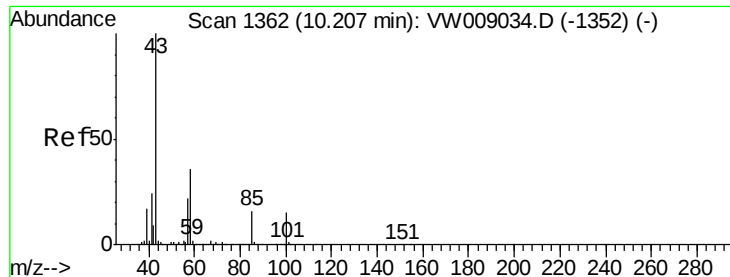
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

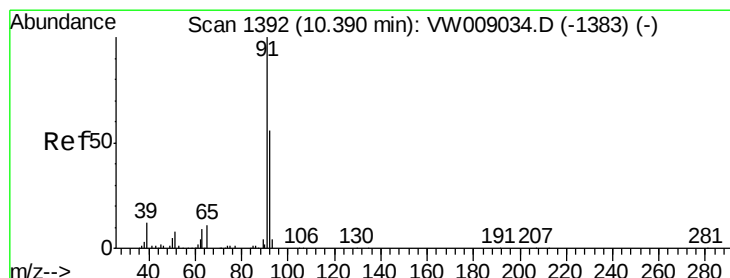
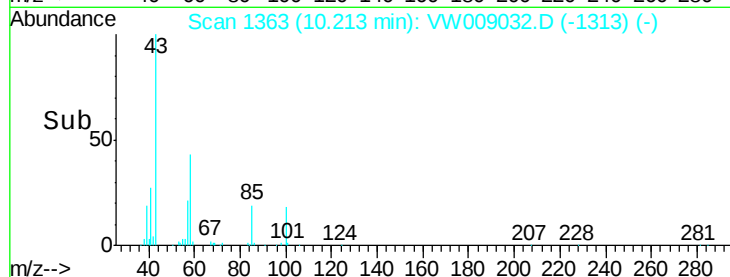
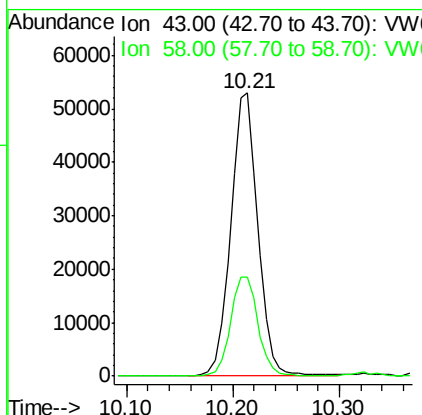
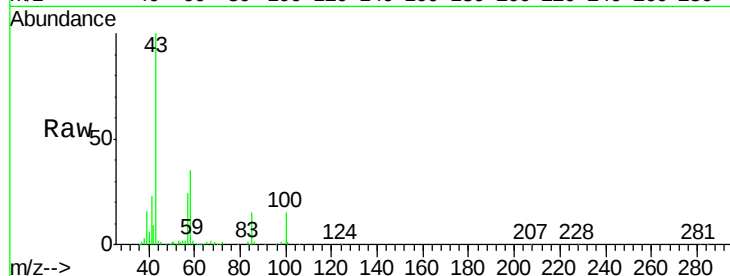




#51
 4-Methyl-2-Pentanone
 Concen: 49.213 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

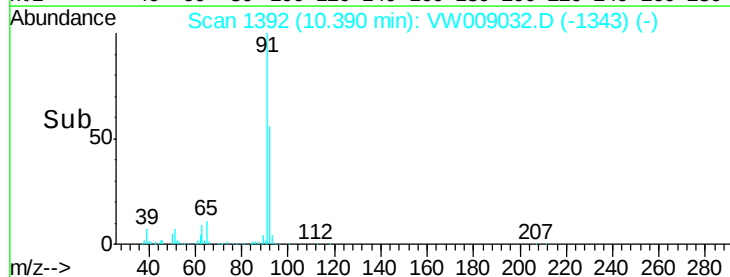
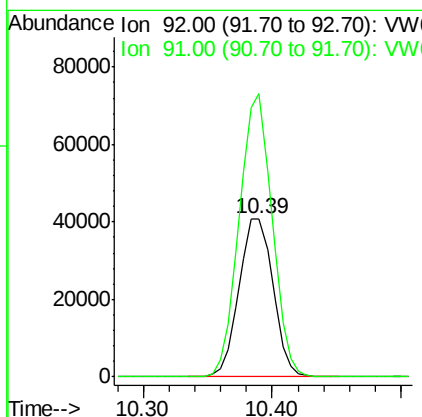
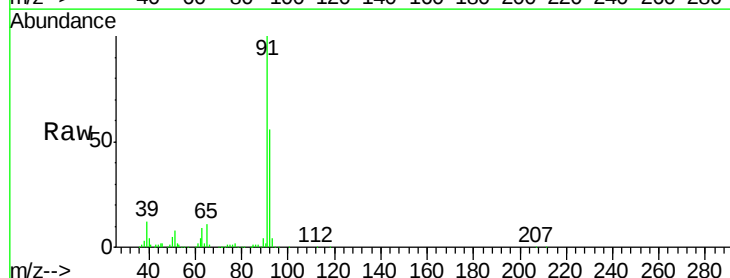
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

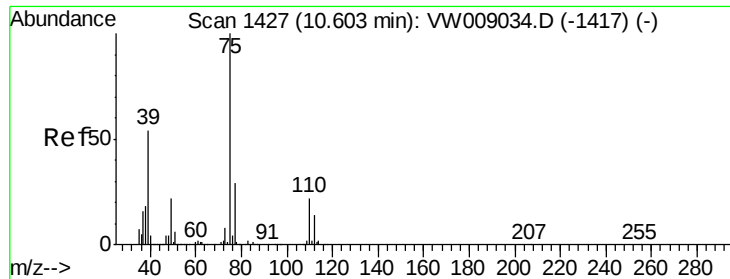
Tgt Ion: 43 Resp: 93692
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.8 43.2



#52
 Toluene
 Concen: 9.736 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 92 Resp: 75046
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 9.346 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

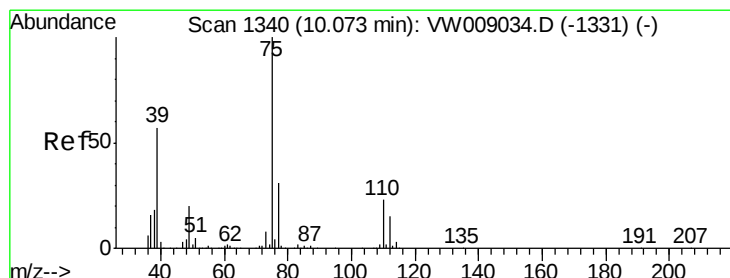
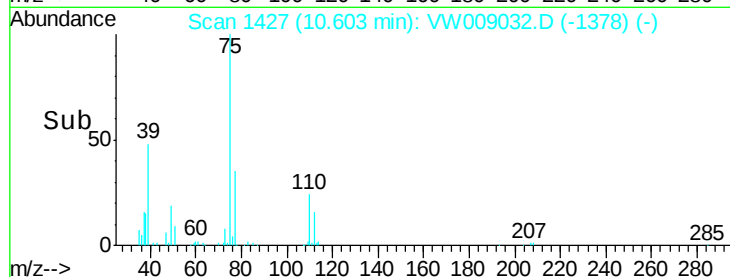
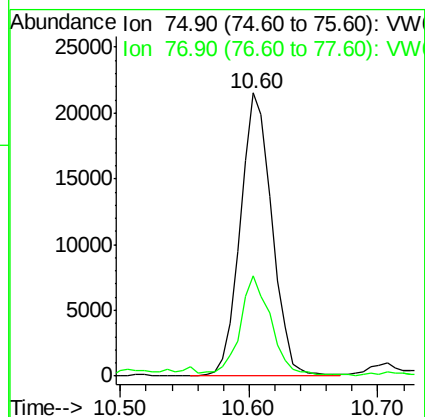
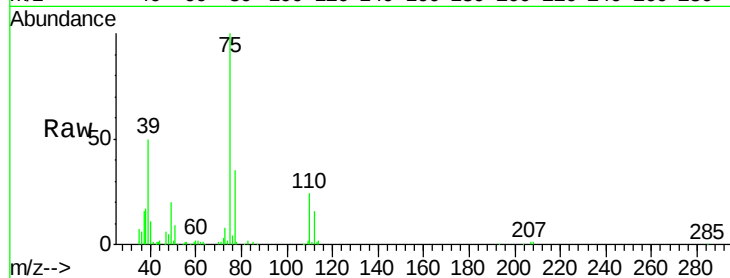
VSTDIC010

Tgt Ion: 75 Resp: 36579

Ion Ratio Lower Upper

75 100

77 34.9 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 9.595 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

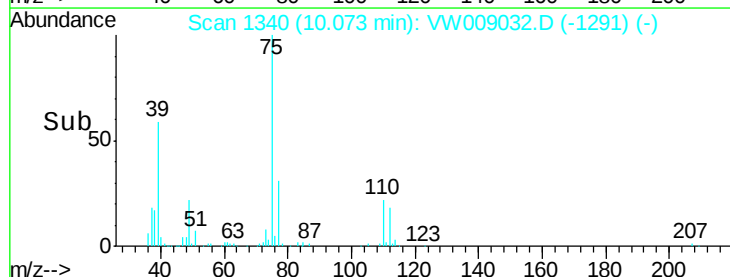
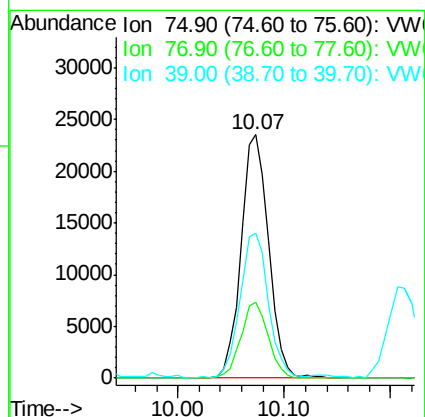
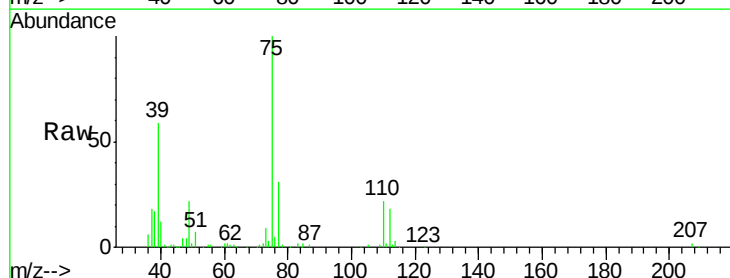
Tgt Ion: 75 Resp: 42850

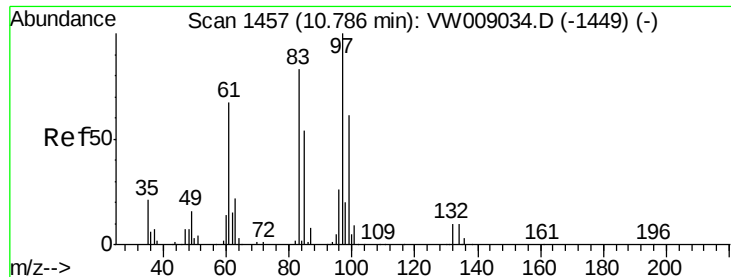
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 59.4 45.9 68.9





#55

1,1,2-Trichloroethane

Concen: 9.791 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 20718

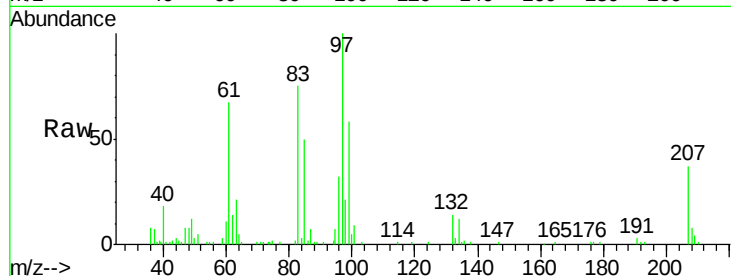
Ion Ratio Lower Upper

97 100

83 74.1 66.2 99.2

85 49.5 43.6 65.4

99 57.2 49.0 73.4

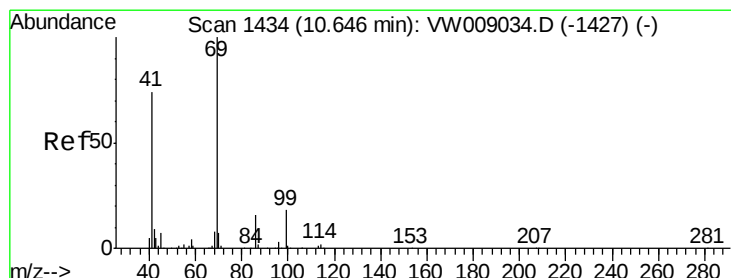
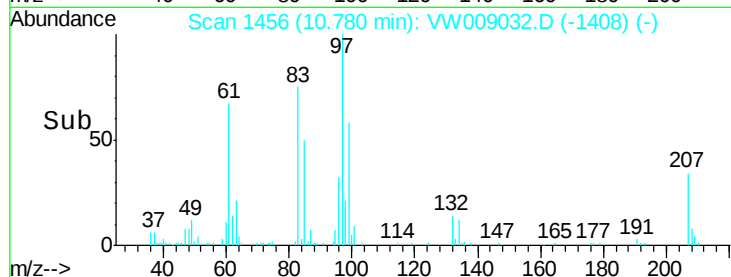
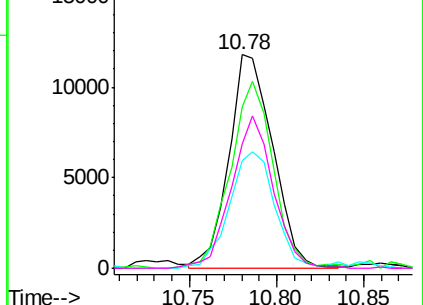


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 9.291 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

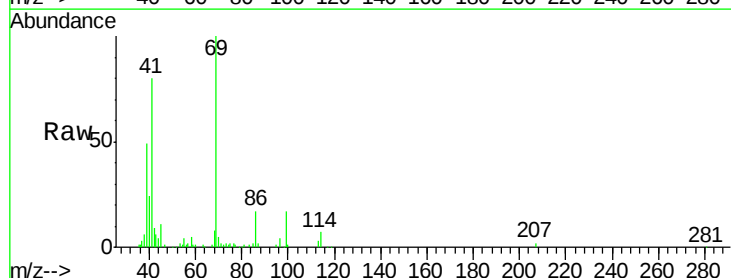
Tgt Ion: 69 Resp: 24653

Ion Ratio Lower Upper

69 100

41 73.1 59.4 89.2

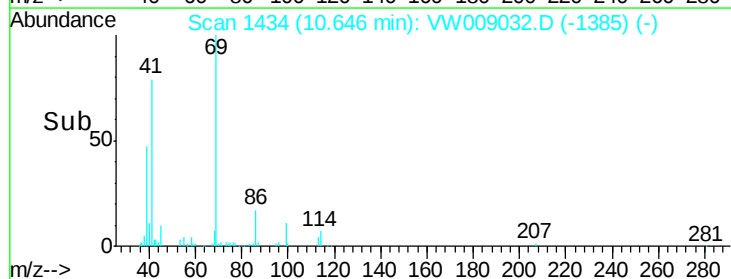
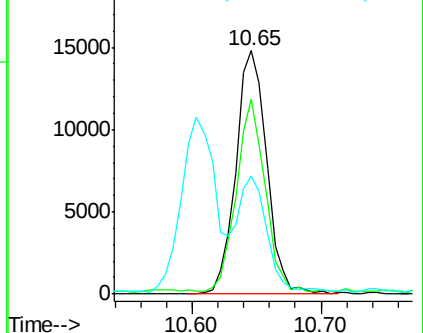
39 45.3 38.5 57.7

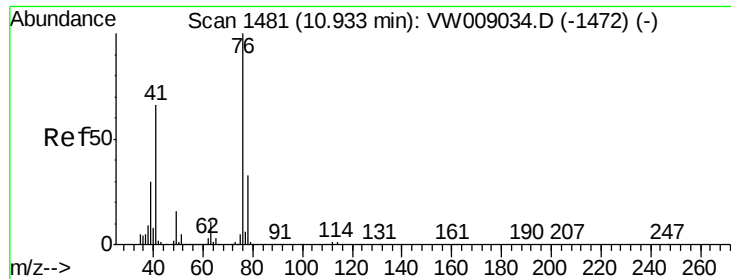


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

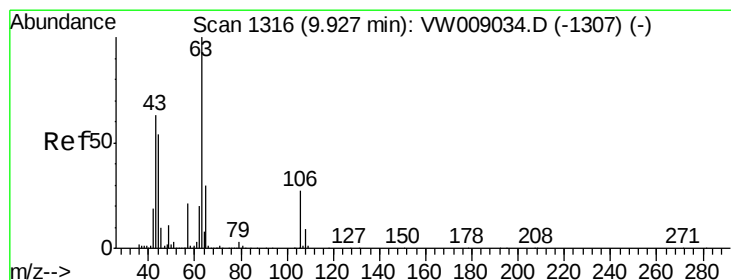
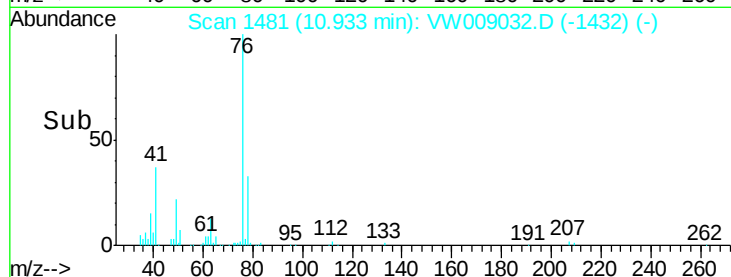
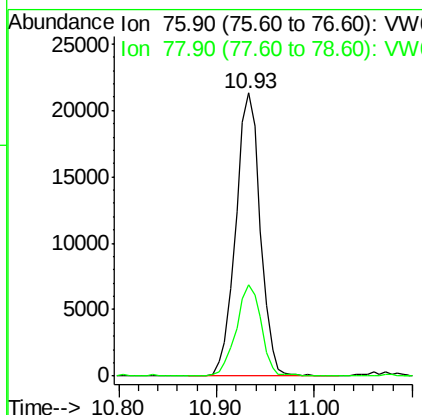
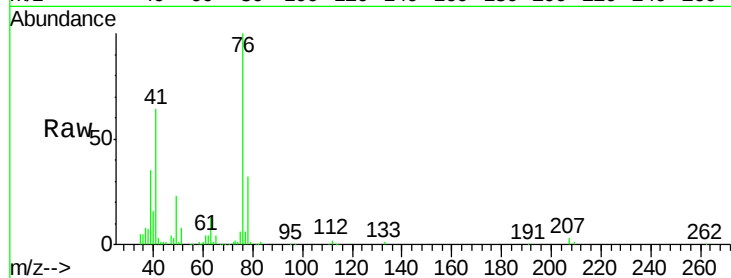




#57
 1,3-Dichloropropane
 Concen: 9.902 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

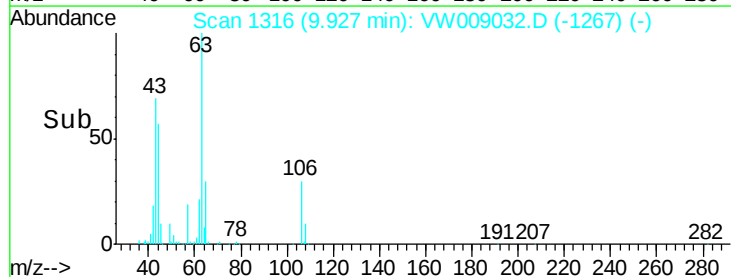
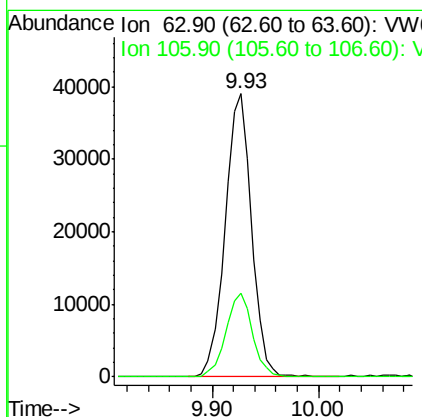
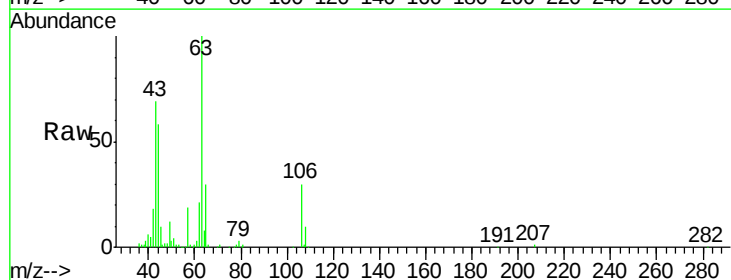
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

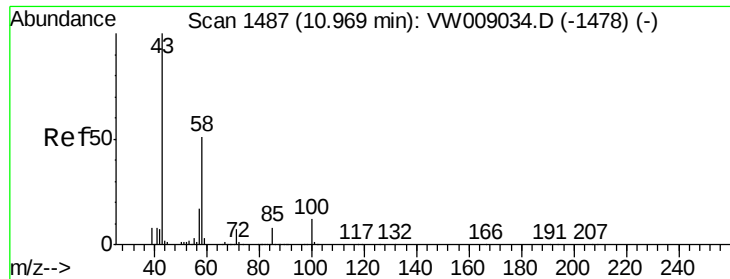
Tgt Ion: 76 Resp: 37198
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.052 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 63 Resp: 67625
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.0 34.6





#59

2-Hexanone

Concen: 49.428 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

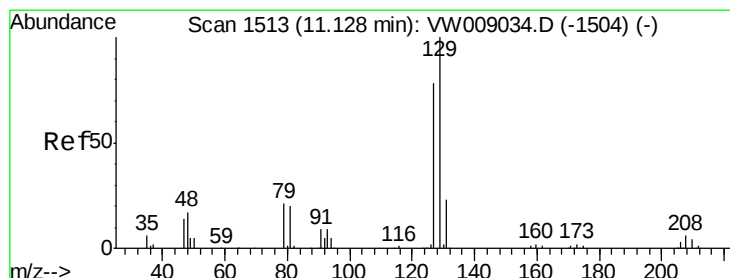
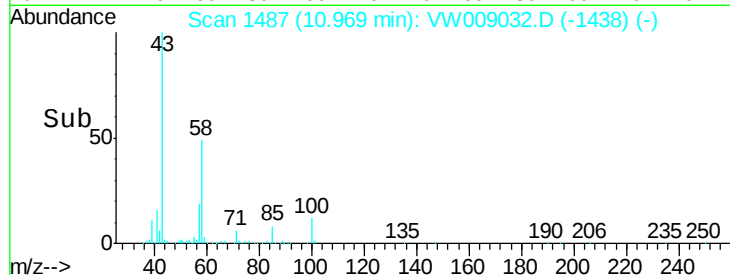
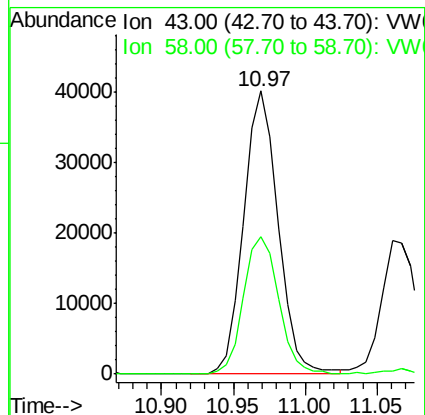
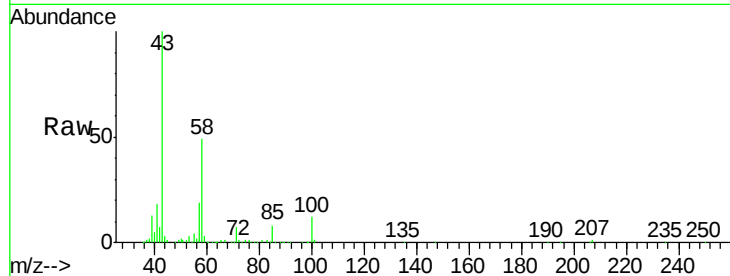
VSTDIC010

Tgt Ion: 43 Resp: 66436

Ion Ratio Lower Upper

43 100

58 49.7 25.3 75.9



#60

Dibromochloromethane

Concen: 9.710 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009032.D

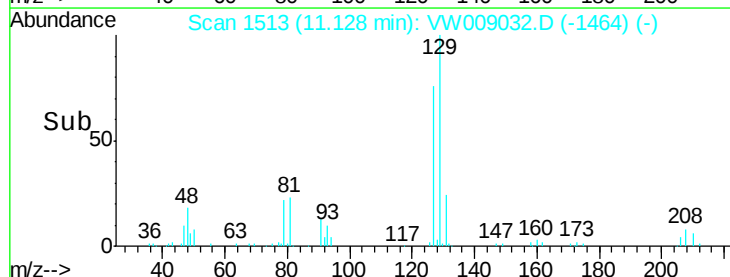
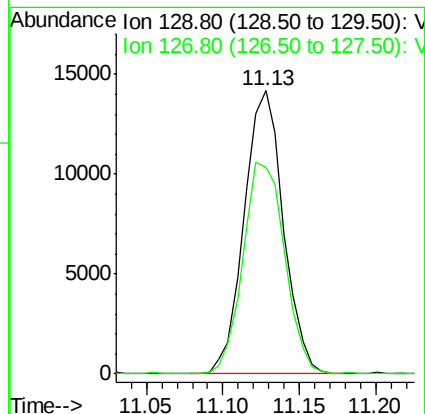
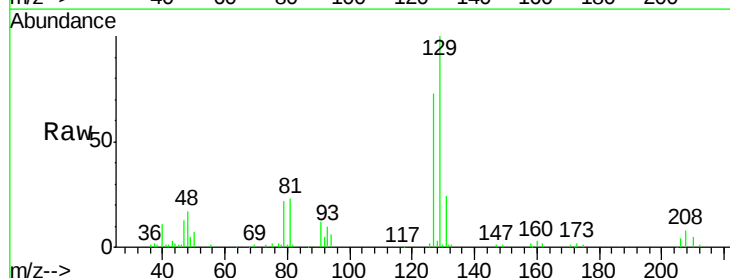
Acq: 07 Mar 2019 11:21

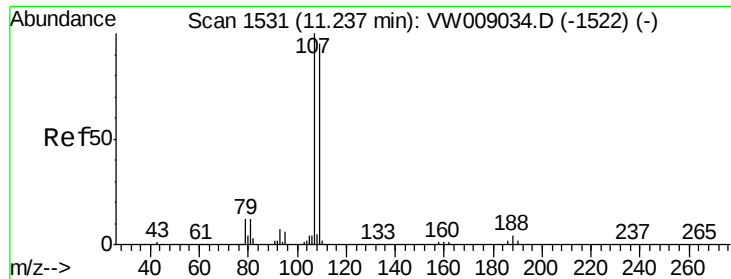
Tgt Ion: 129 Resp: 25243

Ion Ratio Lower Upper

129 100

127 79.7 38.4 115.1

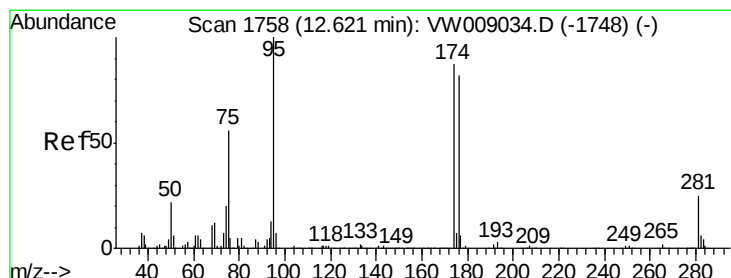
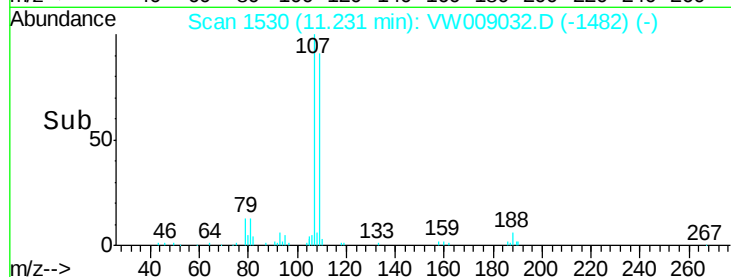
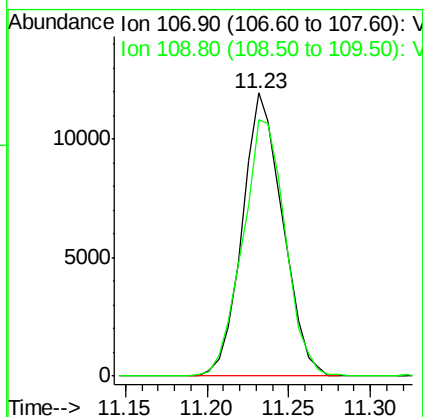
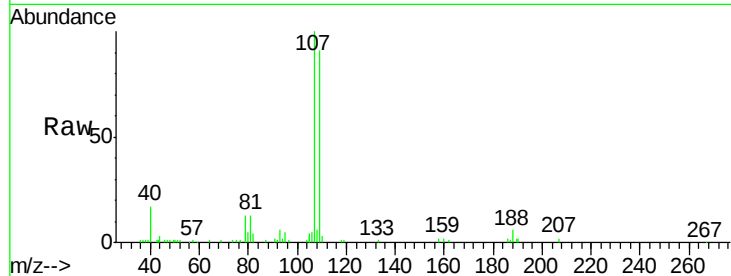




#61
 1,2-Dibromoethane
 Concen: 9.974 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

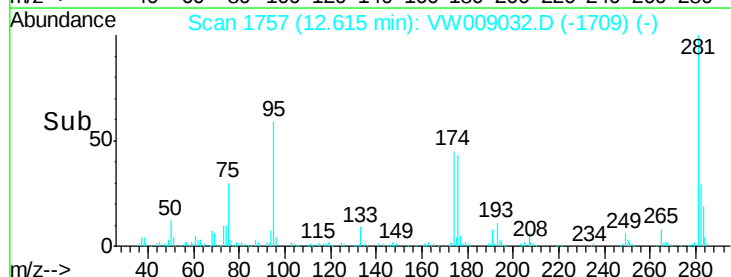
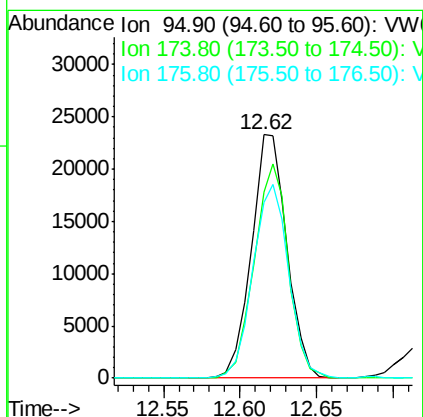
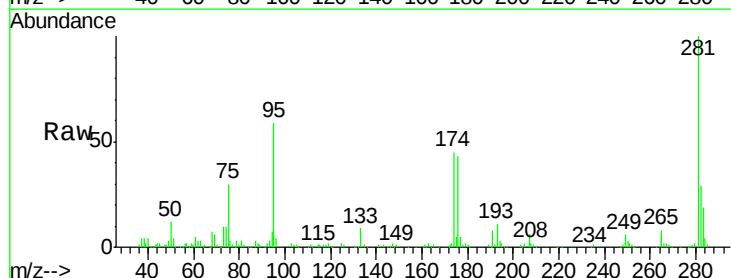
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

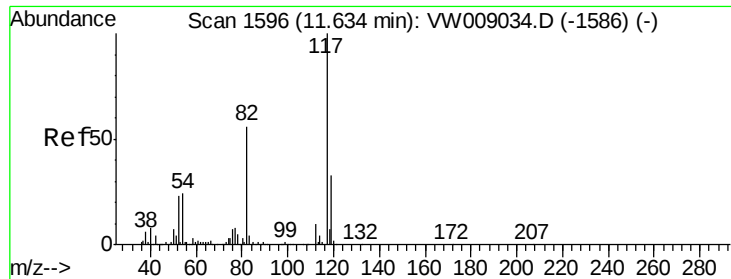
Tgt Ion: 107 Resp: 20511
 Ion Ratio Lower Upper
 107 100
 109 96.0 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 9.312 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 95 Resp: 37507
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 167.0
 176 80.6 0.0 159.4

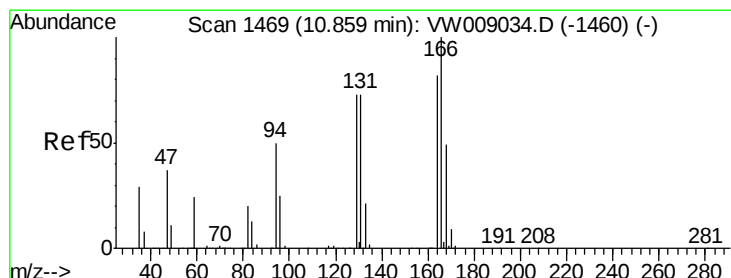
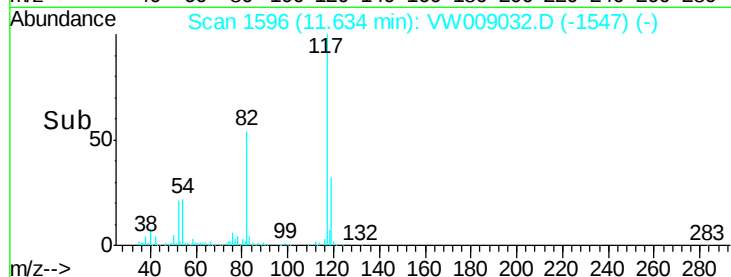
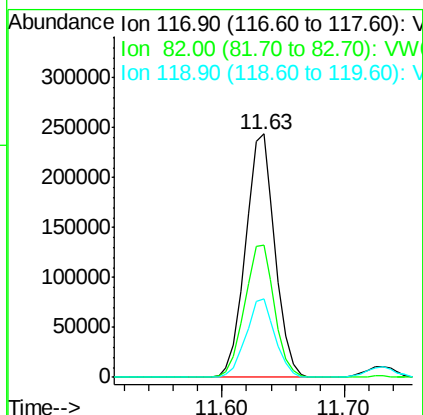
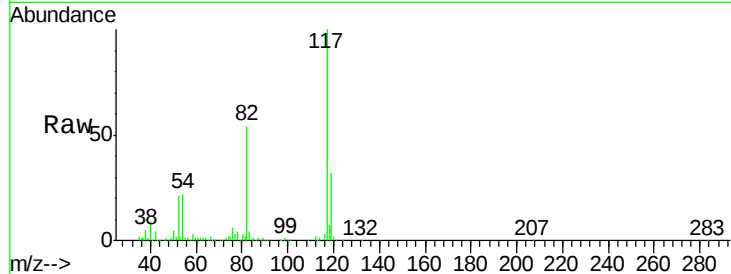




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

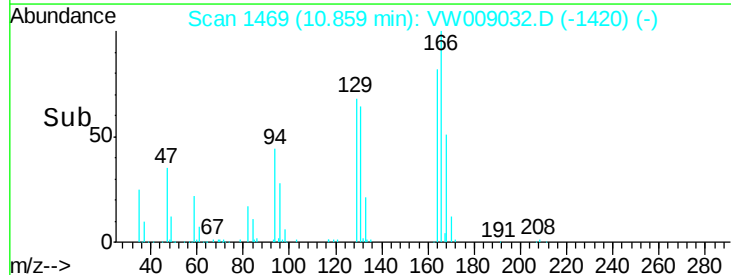
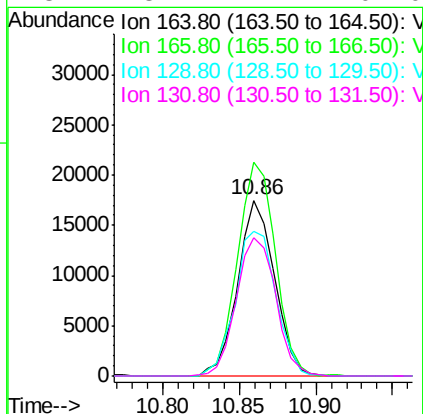
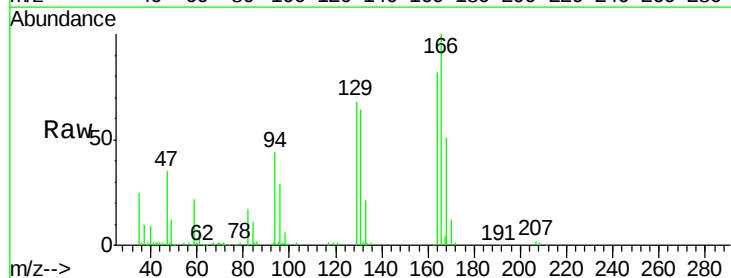
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

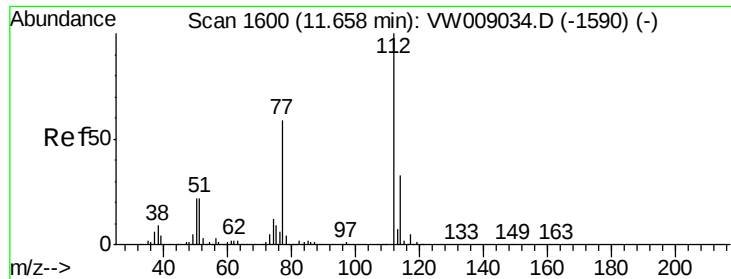
Tgt Ion:117 Resp: 406110
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.6
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 9.899 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion:164 Resp: 29186
Ion Ratio Lower Upper
164 100
166 121.5 97.8 146.6
129 82.3 71.6 107.4
131 78.4 71.4 107.0





#65

Chlorobenzene

Concen: 9.822 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

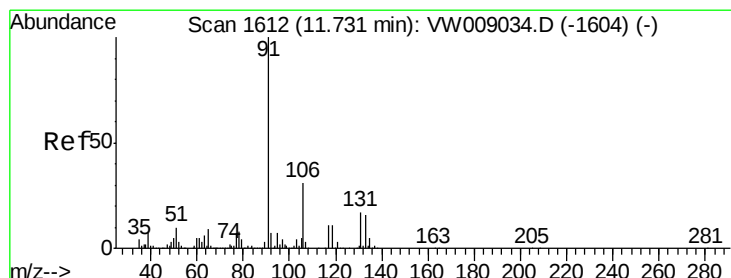
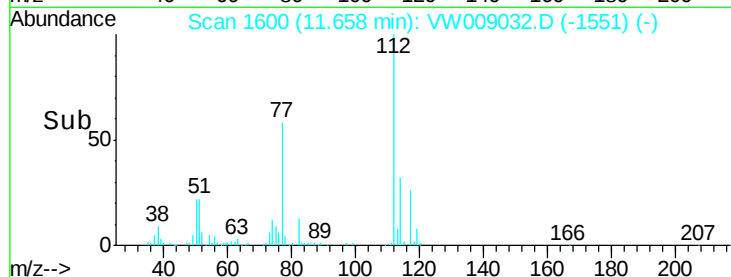
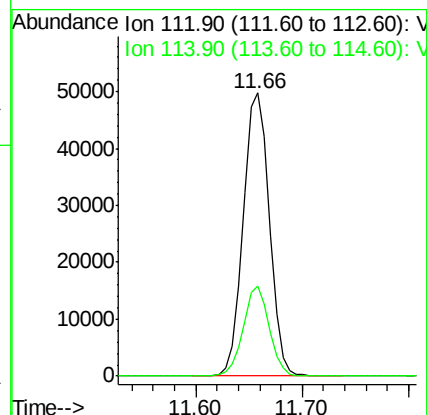
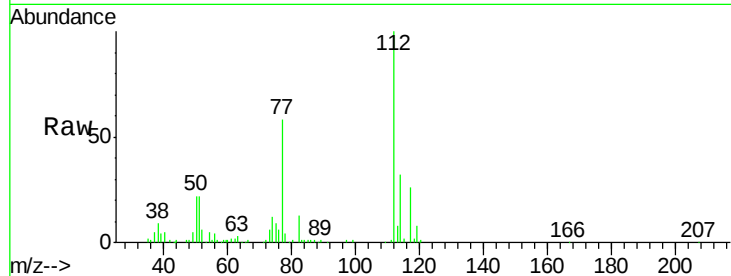
VSTDIC010

Tgt Ion:112 Resp: 85932

Ion Ratio Lower Upper

112 100

114 31.7 26.6 40.0



#66

1,1,1,2-Tetrachloroethane

Concen: 9.556 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

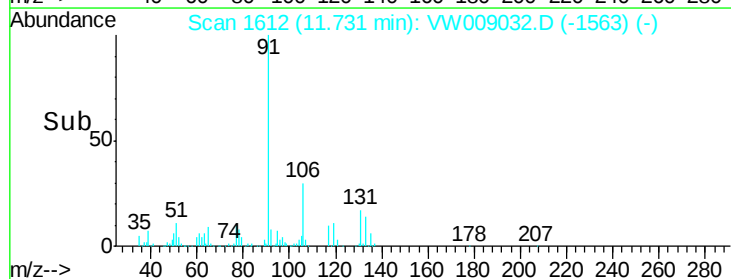
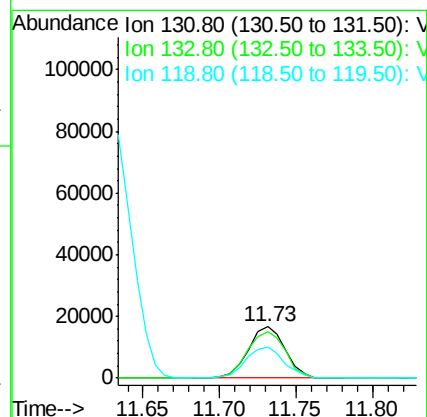
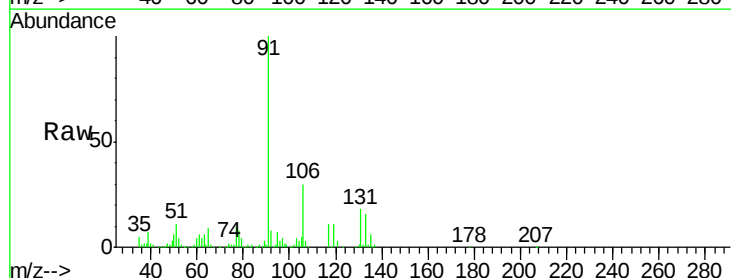
Tgt Ion:131 Resp: 27872

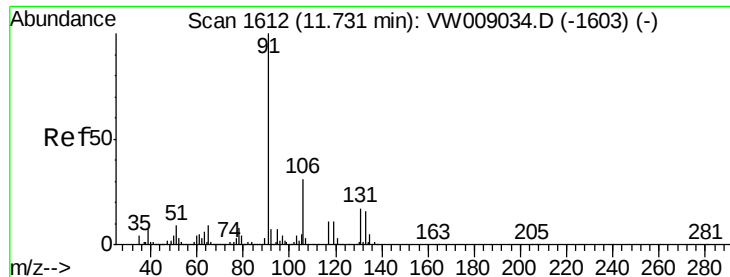
Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

119 63.8 31.3 93.8

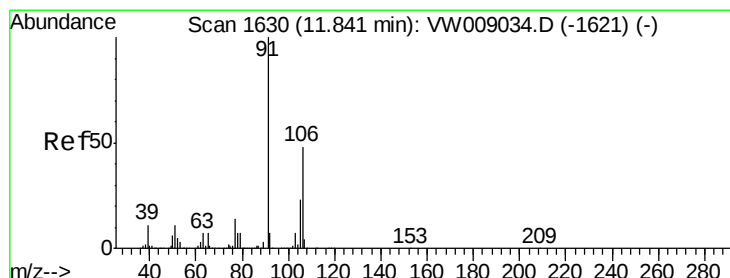
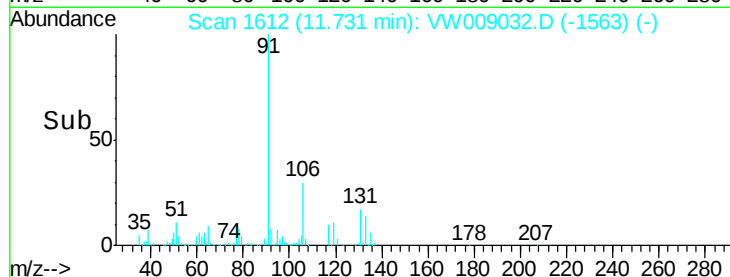
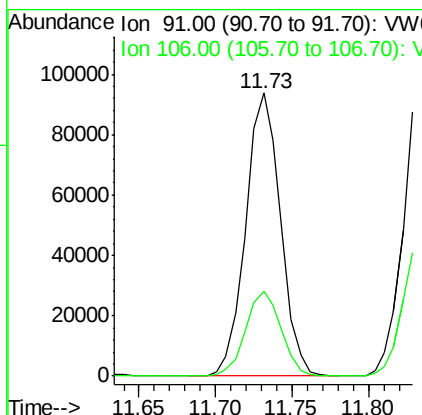
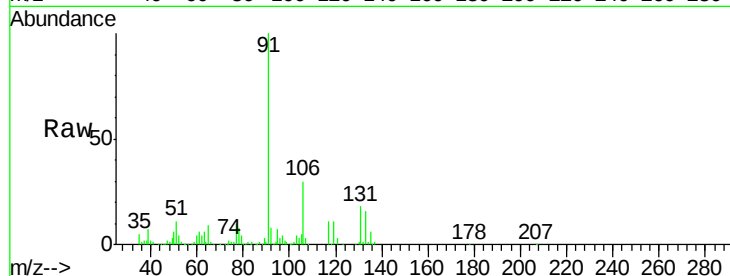




#67
Ethyl Benzene
Concen: 9.433 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

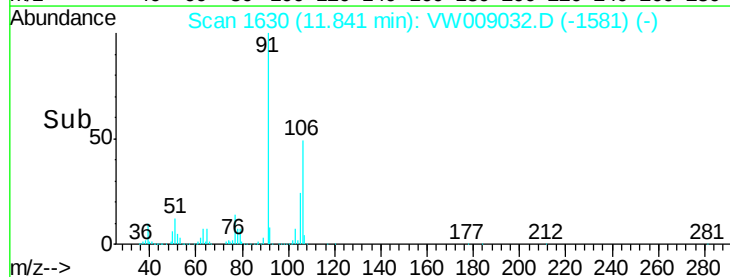
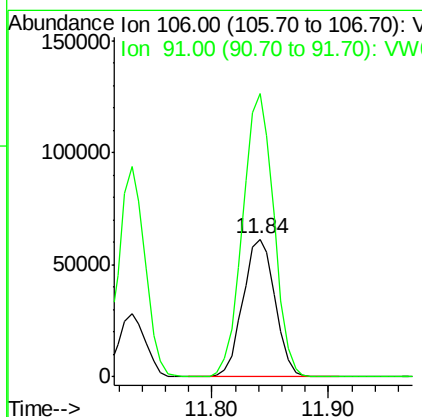
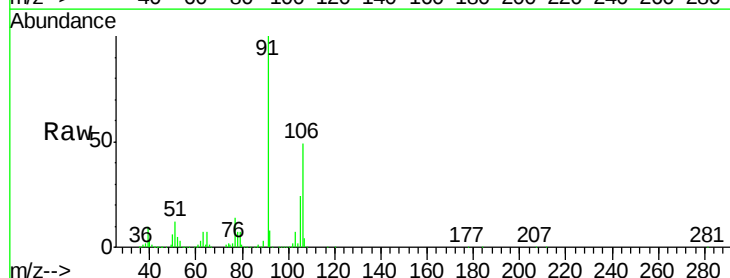
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

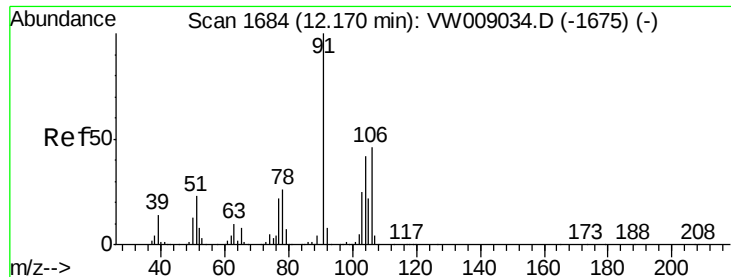
Tgt Ion: 91 Resp: 148285
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 19.049 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 106 Resp: 118345
Ion Ratio Lower Upper
106 100
91 199.1 163.2 244.8

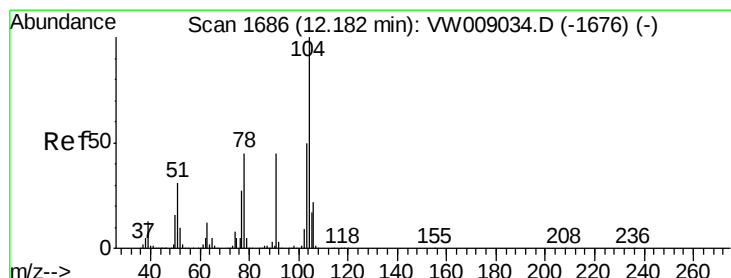
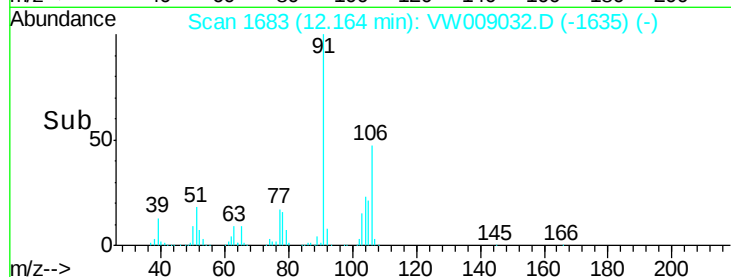
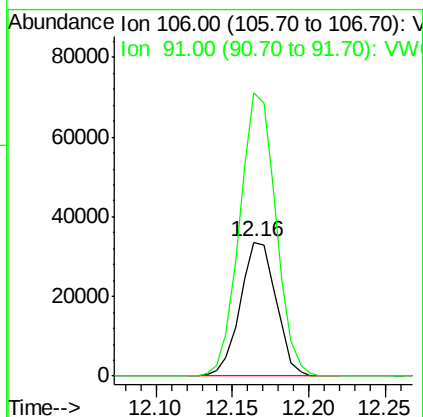
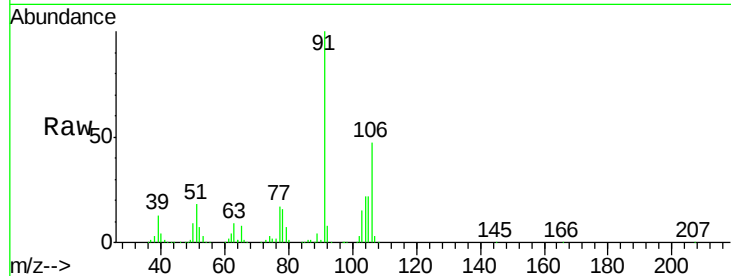




#69
o-Xylene
Concen: 9.511 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

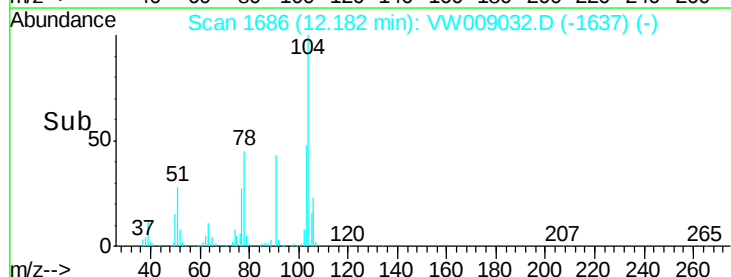
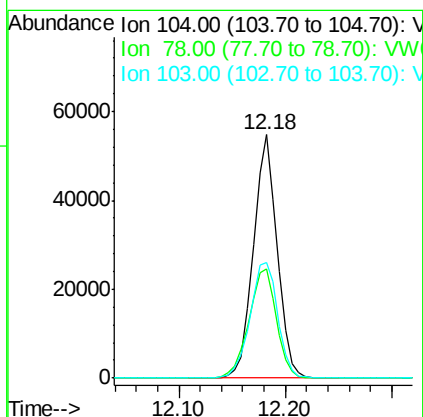
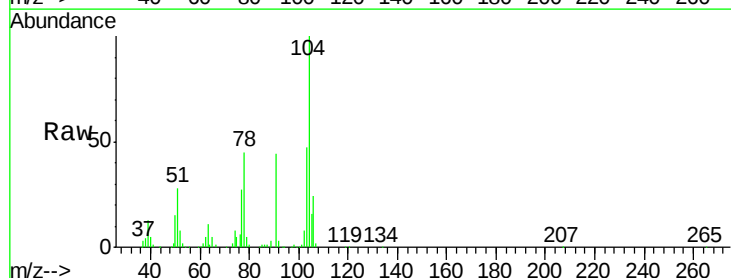
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

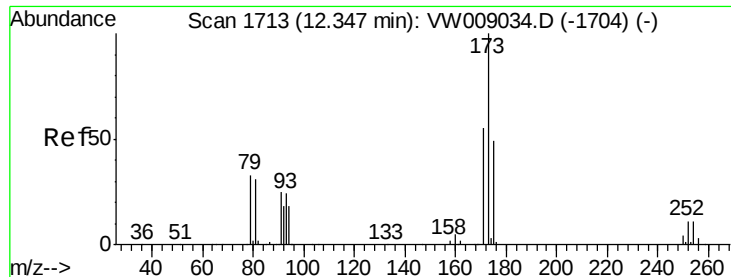
Tgt Ion:106 Resp: 55084
Ion Ratio Lower Upper
106 100
91 213.7 108.6 325.6



#70
Styrene
Concen: 9.093 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion:104 Resp: 85733
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 55.9 43.9 65.9





#71

Bromoform

Concen: 9.226 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

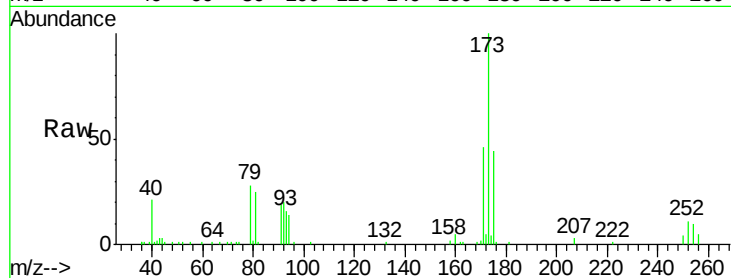
Tgt Ion:173 Resp: 14592

Ion Ratio Lower Upper

173 100

175 51.7 24.6 74.0

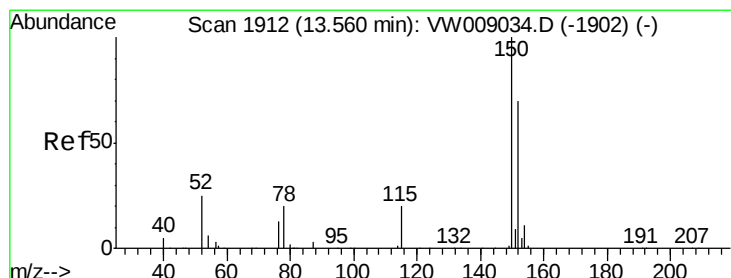
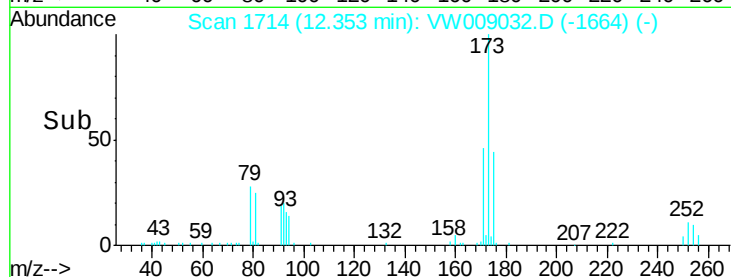
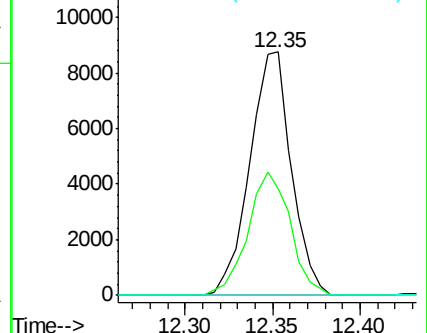
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

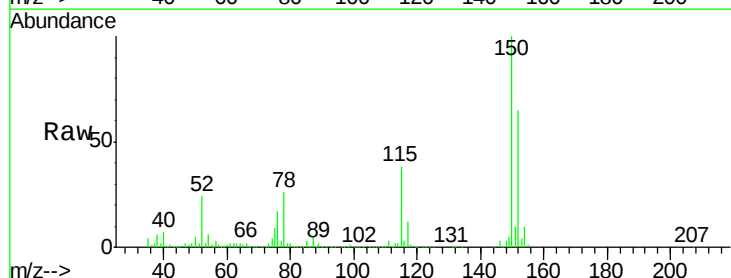
Tgt Ion:152 Resp: 223171

Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

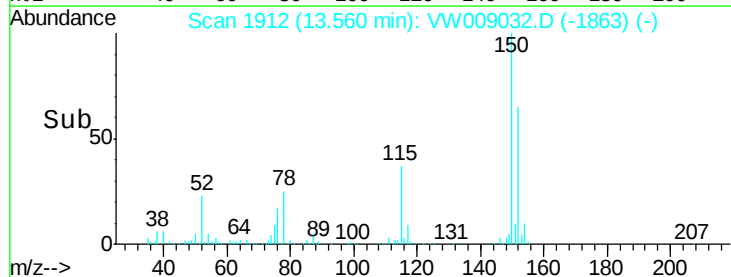
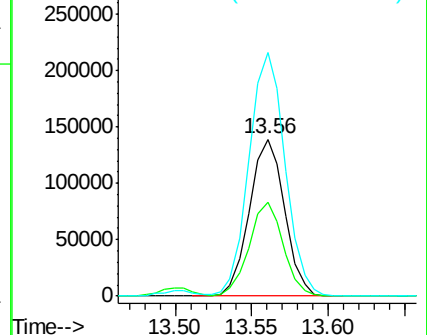
150 159.4 0.0 349.2

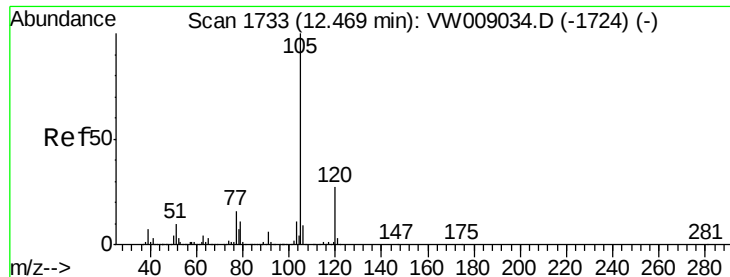


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.258 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

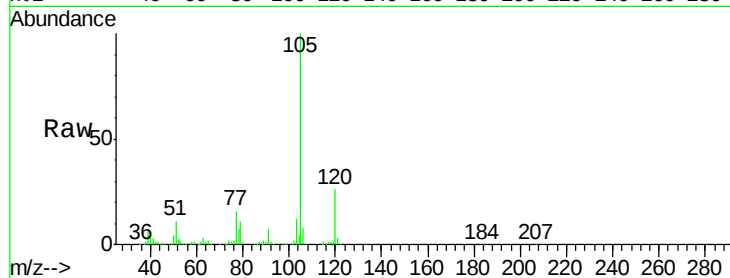
VSTDIC010

Tgt Ion: 105 Resp: 146817

Ion Ratio Lower Upper

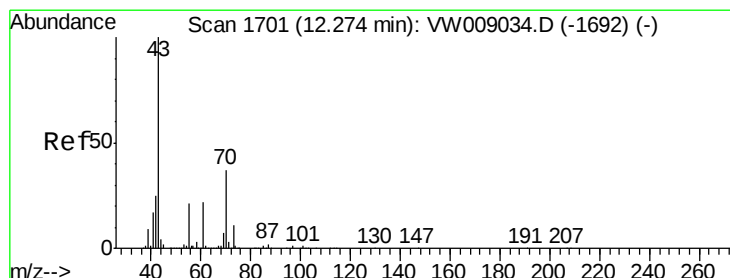
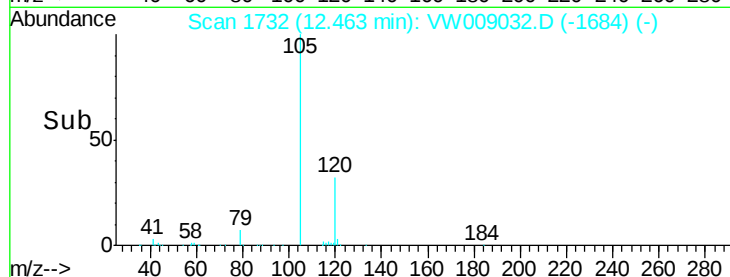
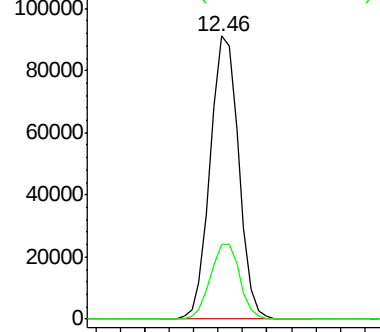
105 100

120 27.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.926 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Tgt Ion: 43 Resp: 33837

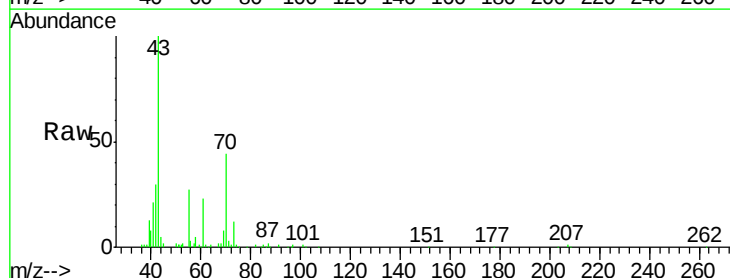
Ion Ratio Lower Upper

43 100

70 41.8 30.8 46.2

55 26.7 17.8 26.8

61 23.6 17.4 26.2

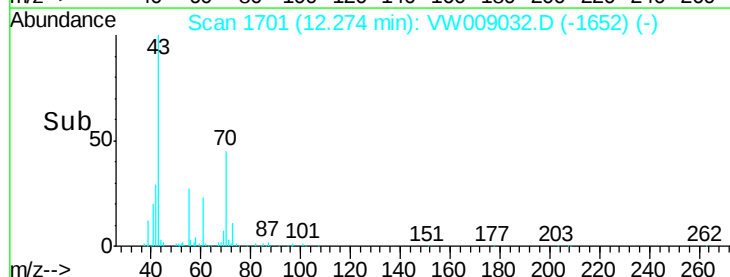
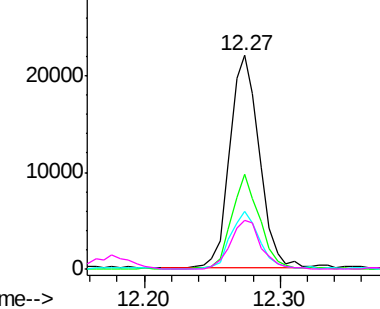


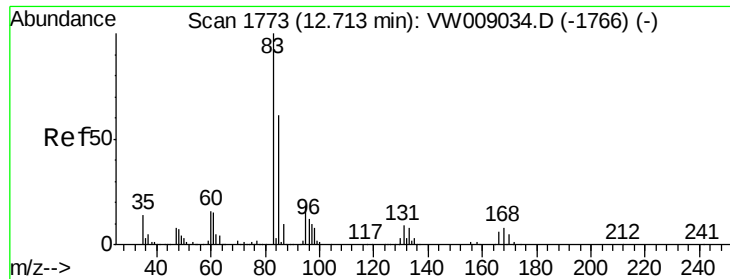
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 10.248 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

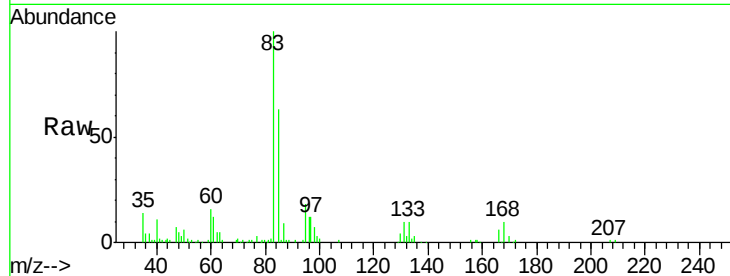
Tgt Ion: 83 Resp: 25850

Ion Ratio Lower Upper

83 100

131 12.1 5.5 16.7

85 63.9 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.71

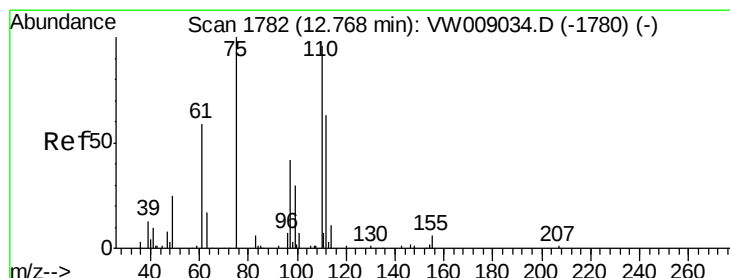
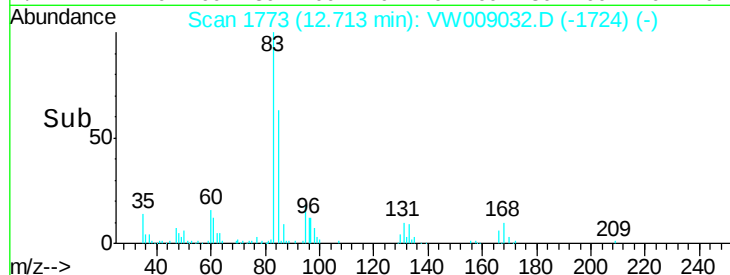
15000

10000

5000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 13.641 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW009032.D

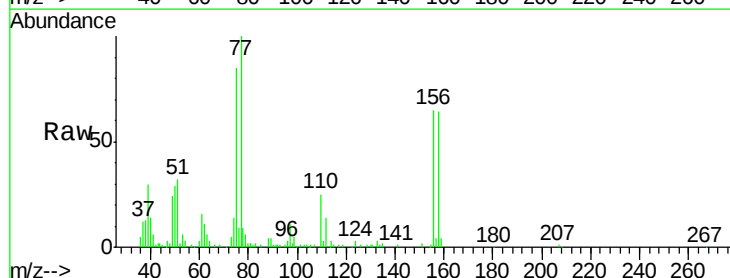
Acq: 07 Mar 2019 11:21

Tgt Ion: 75 Resp: 33898

Ion Ratio Lower Upper

75 100

77 187.9 186.7 560.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.76

40000

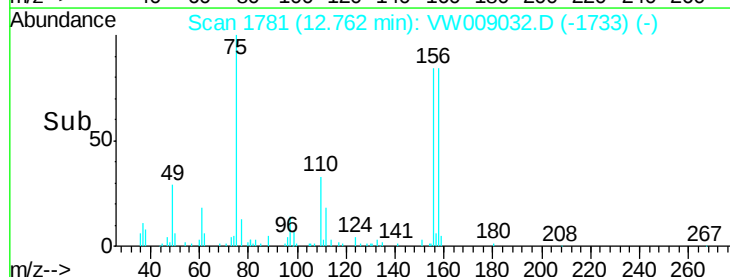
30000

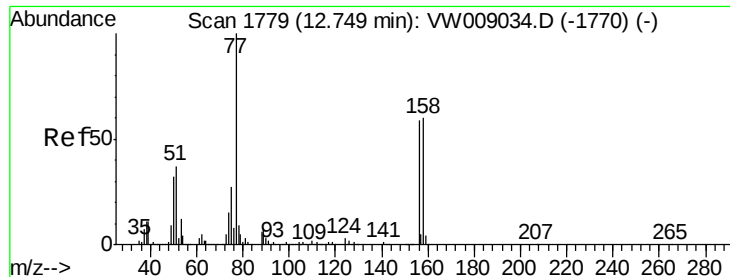
20000

10000

0

Time-->





#77

Bromobenzene

Concen: 9.847 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

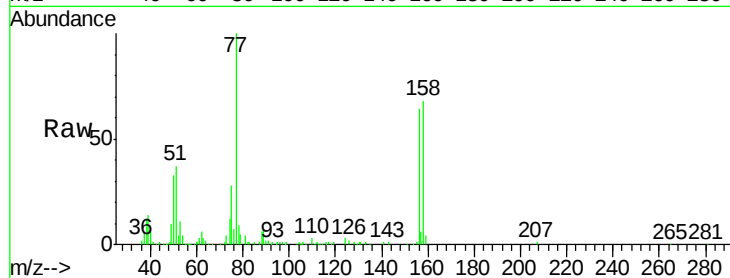
Tgt Ion:156 Resp: 35707

Ion Ratio Lower Upper

156 100

77 178.4 93.0 279.2

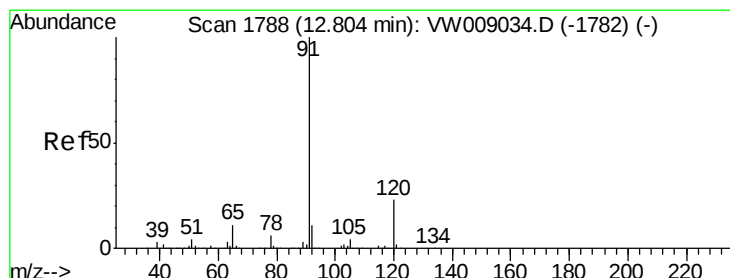
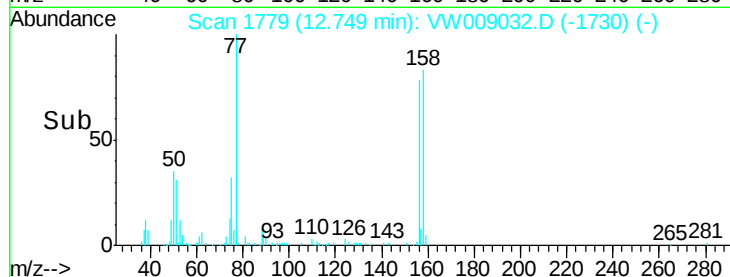
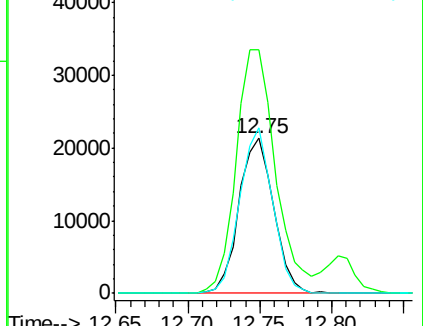
158 101.3 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.359 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009032.D

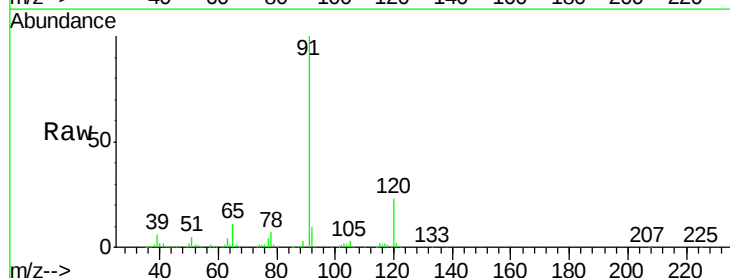
Acq: 07 Mar 2019 11:21

Tgt Ion: 91 Resp: 182205

Ion Ratio Lower Upper

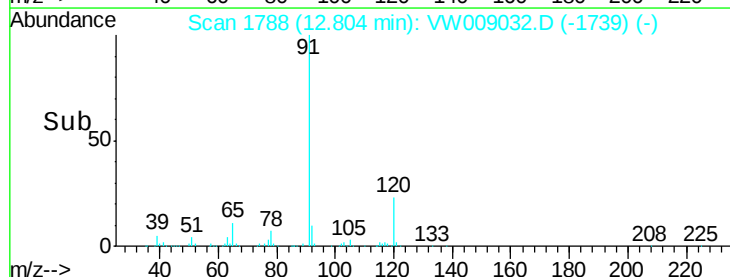
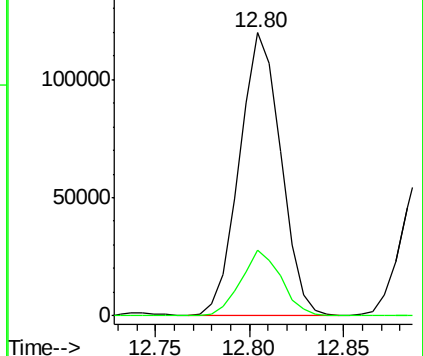
91 100

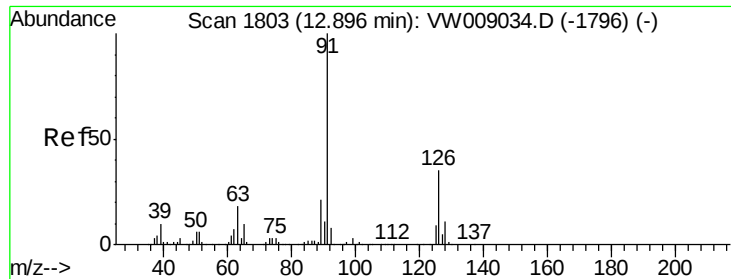
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

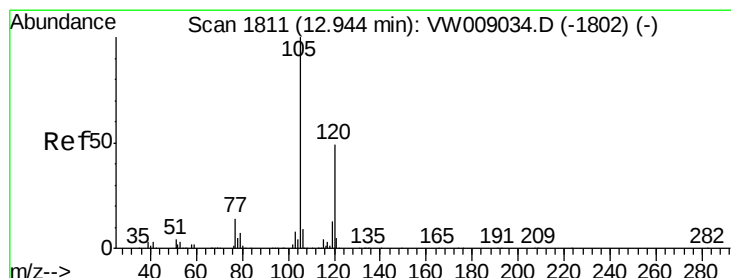
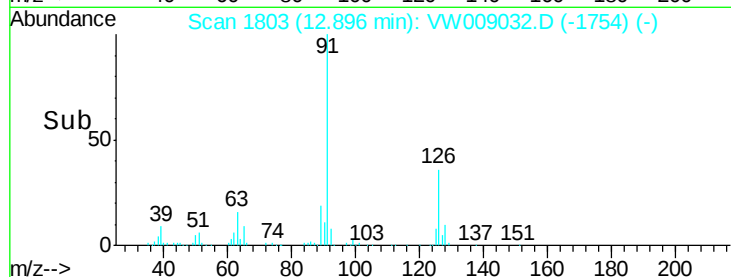
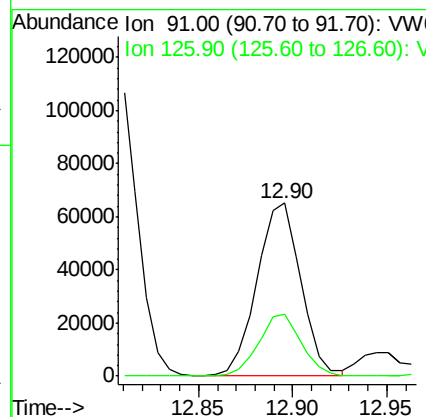
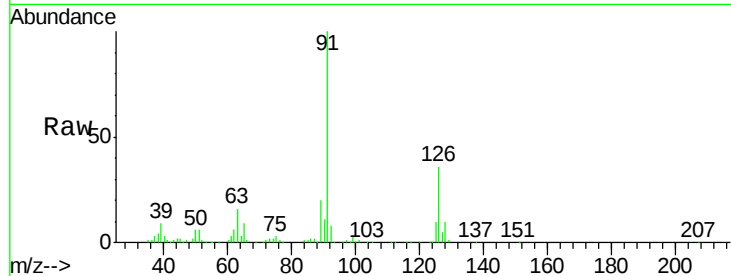




#79
2-Chlorotoluene
Concen: 9.578 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

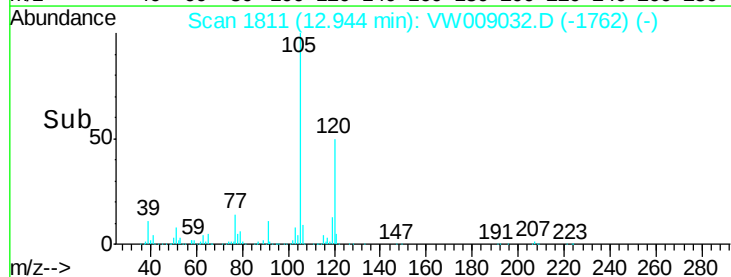
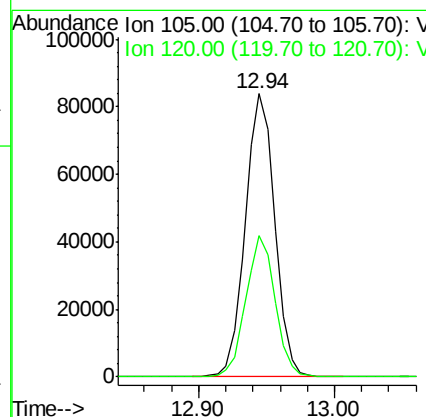
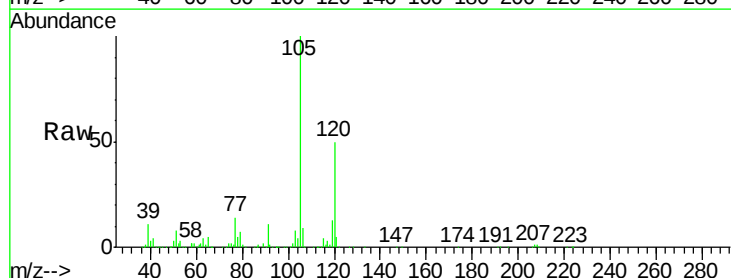
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

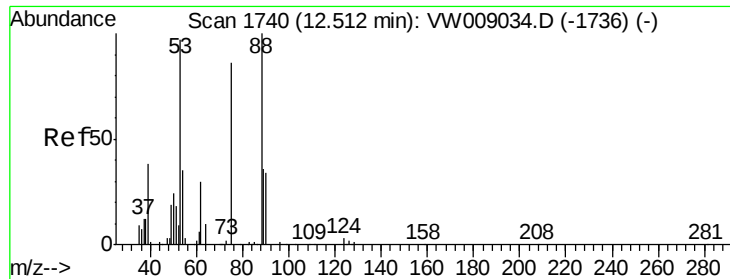
Tgt Ion: 91 Resp: 104776
Ion Ratio Lower Upper
91 100
126 35.3 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 9.298 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 105 Resp: 127090
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.2

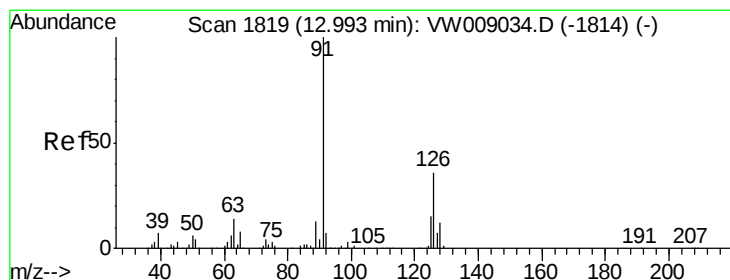
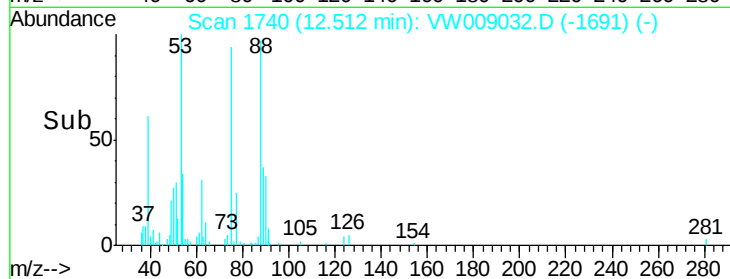
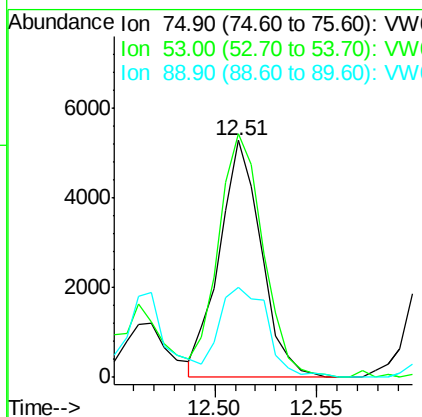
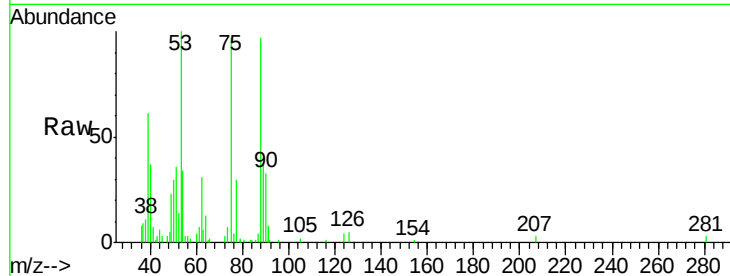




#81
trans-1,4-Dichloro-2-butene
Concen: 9.584 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

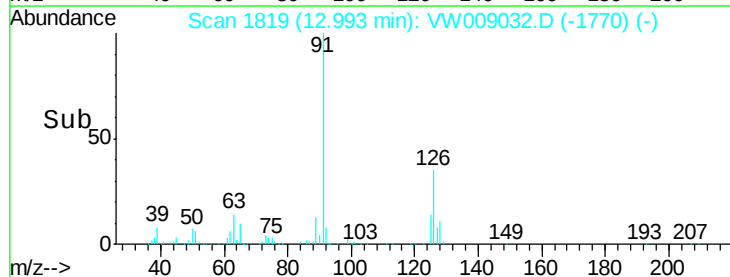
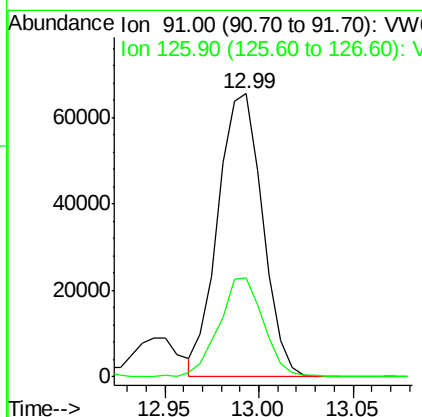
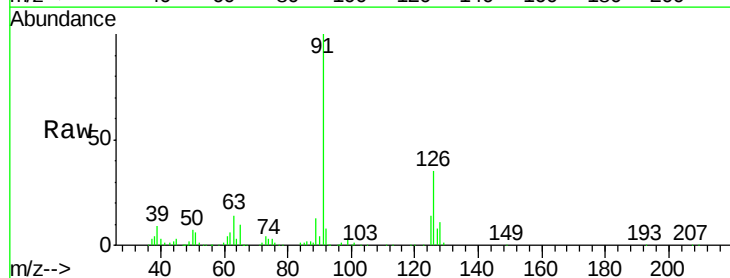
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

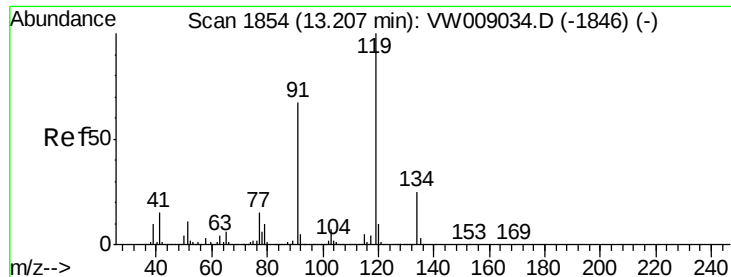
Tgt Ion: 75 Resp: 7497
Ion Ratio Lower Upper
75 100
53 110.2 90.5 135.7
89 43.5 37.5 56.3



#82
4-Chlorotoluene
Concen: 9.261 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 91 Resp: 107953
Ion Ratio Lower Upper
91 100
126 34.9 16.6 49.8

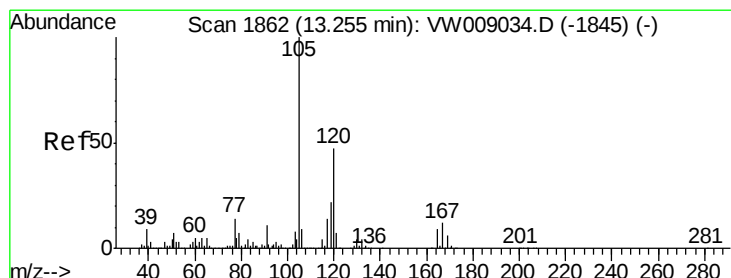
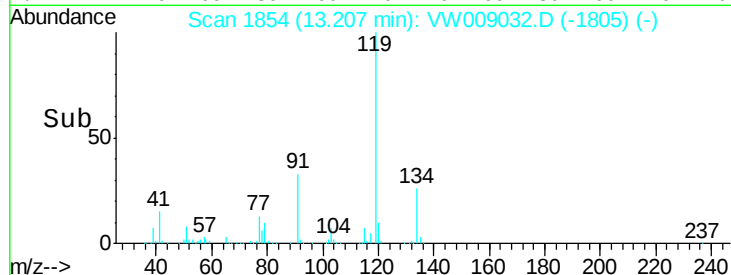
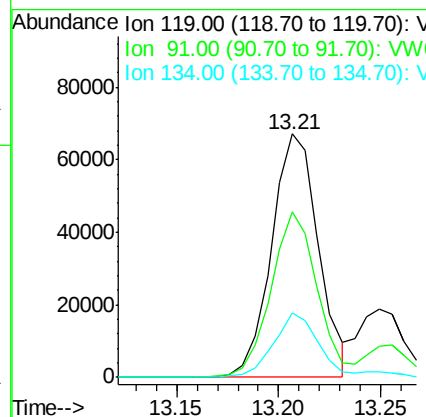
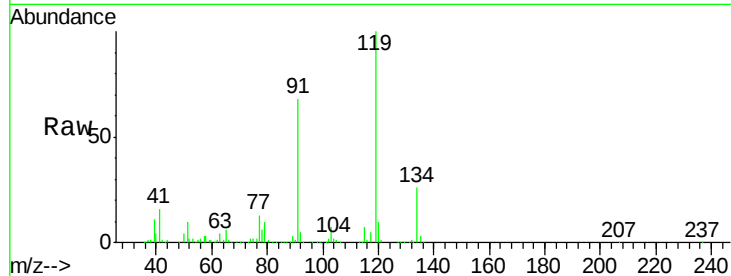




#83
 tert-Butylbenzene
 Concen: 9.343 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

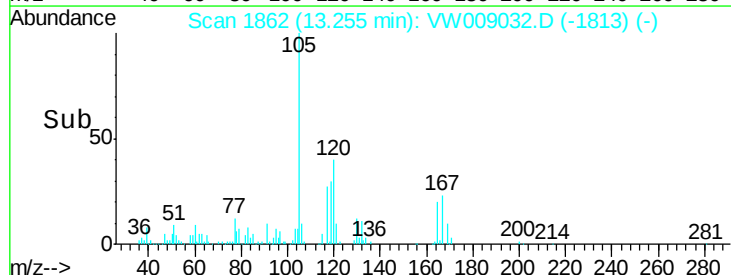
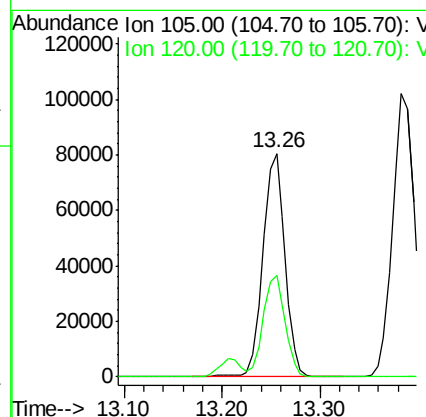
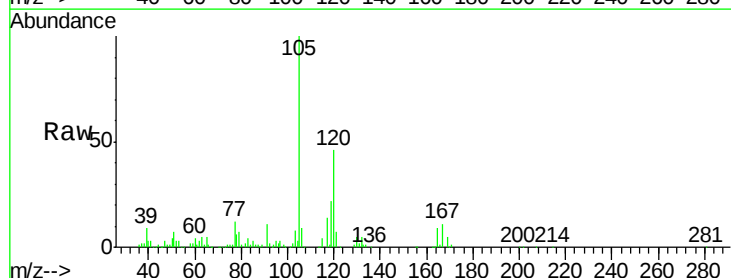
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

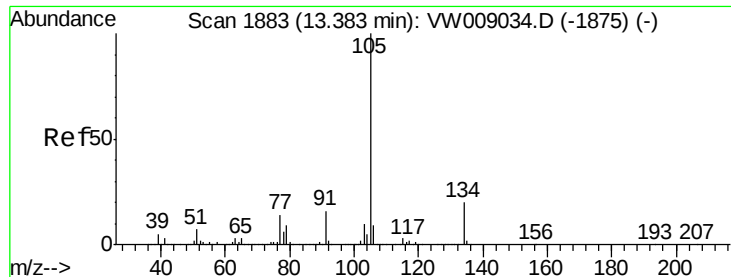
Tgt Ion:119 Resp: 107266
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.2 102.5
 134 25.4 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 9.084 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion:105 Resp: 125336
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 9.320 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampled :

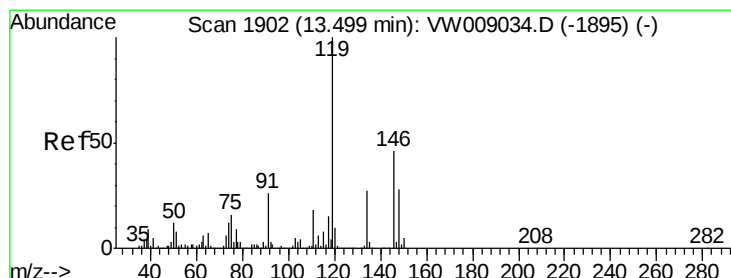
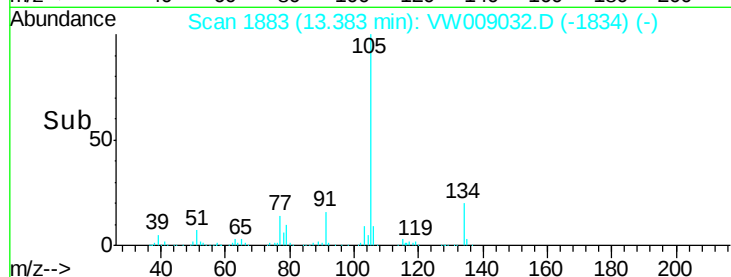
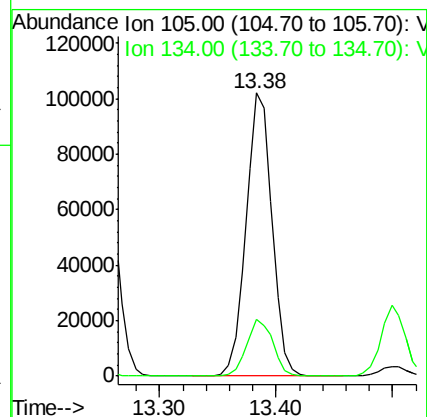
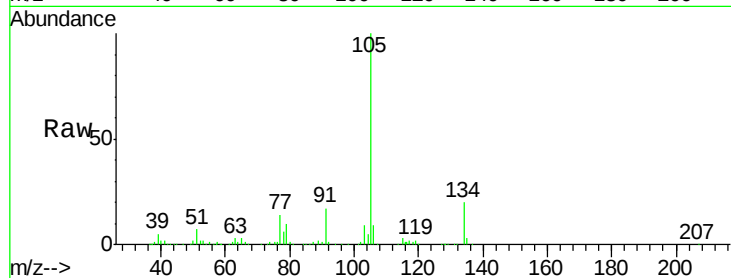
VSTDIC010

Tgt Ion:105 Resp: 158551

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 9.137 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

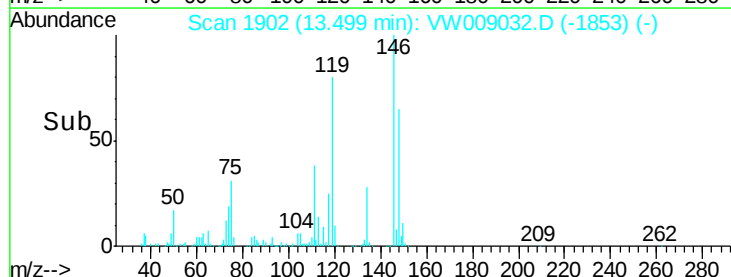
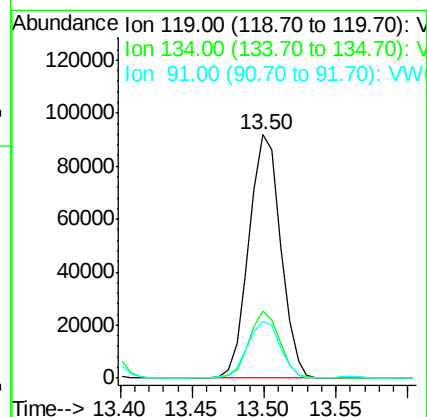
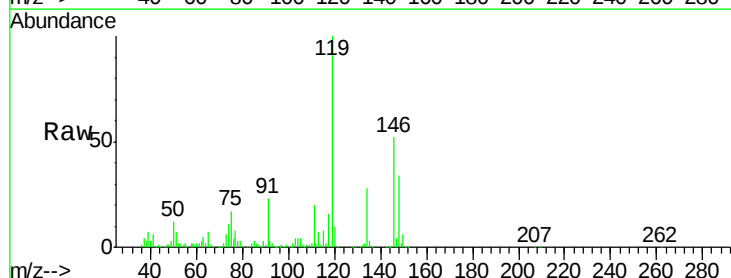
Tgt Ion:119 Resp: 139326

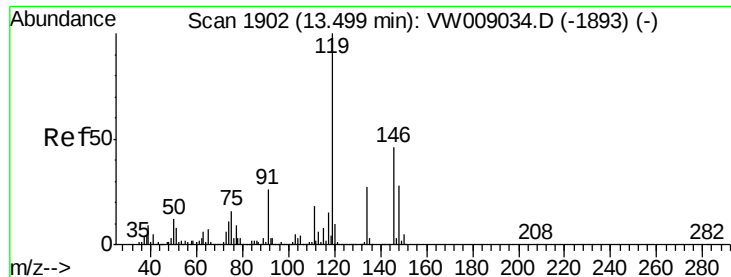
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 9.488 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

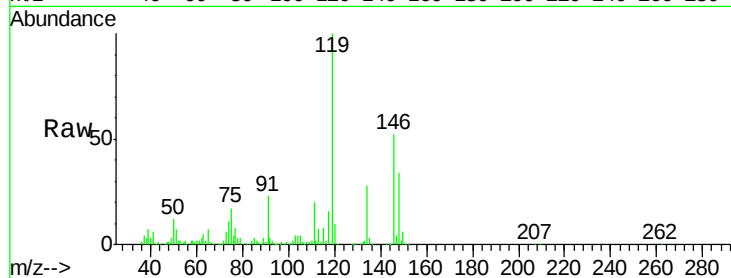
Tgt Ion:146 Resp: 72146

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

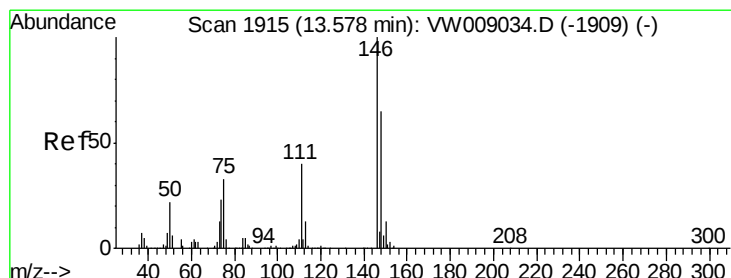
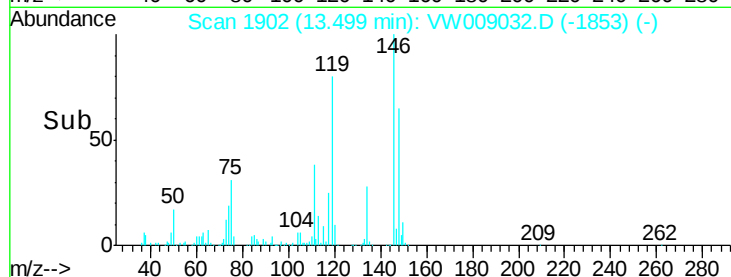
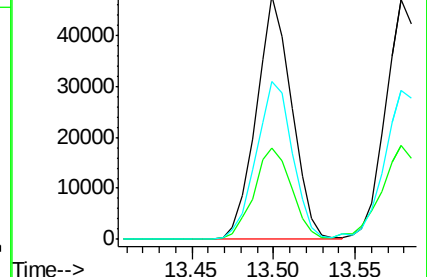
148 66.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.875 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW009032.D

Acq: 07 Mar 2019 11:21

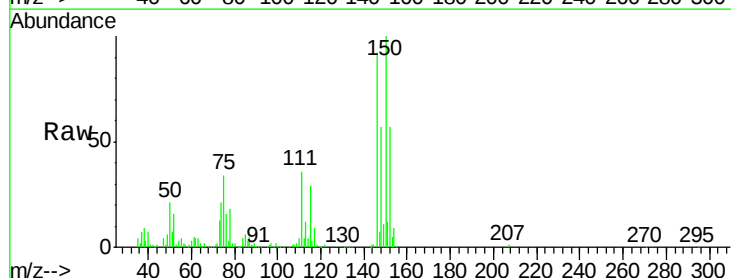
Tgt Ion:146 Resp: 74175

Ion Ratio Lower Upper

146 100

111 41.7 19.7 59.0

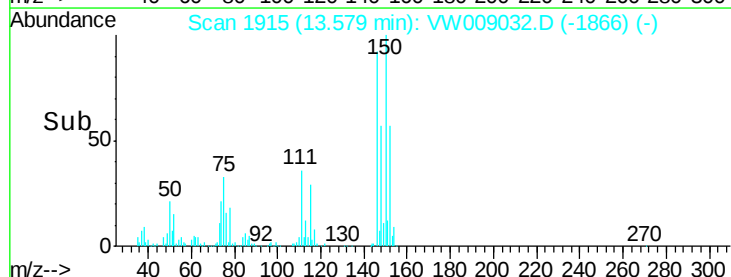
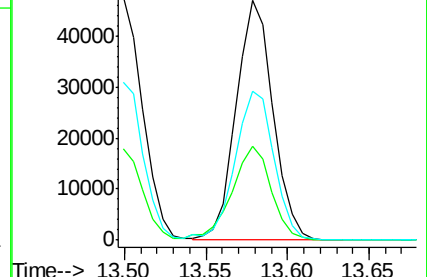
148 65.6 32.2 96.6

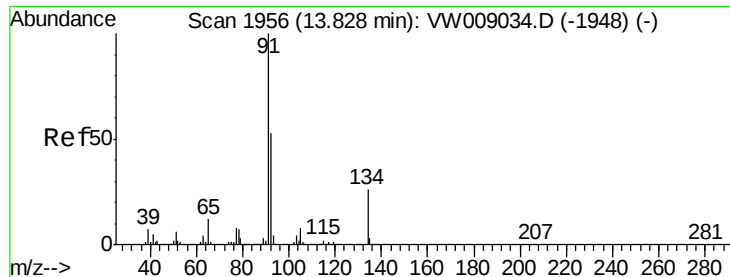


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

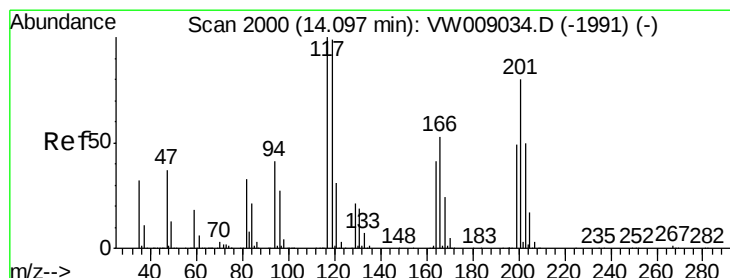
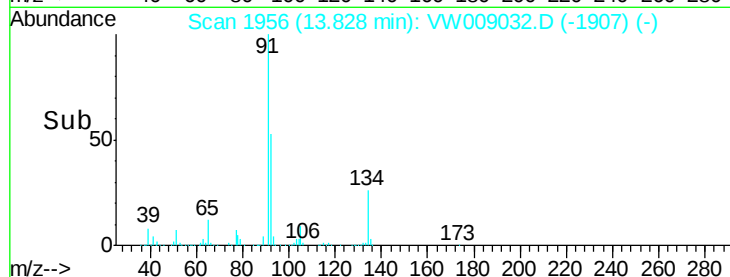
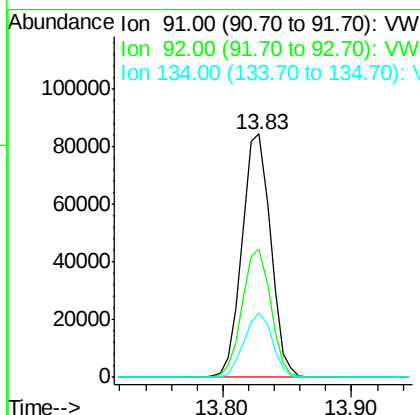
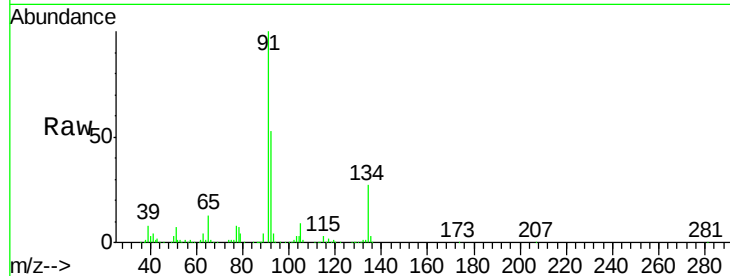




#89
n-Butylbenzene
Concen: 8.927 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

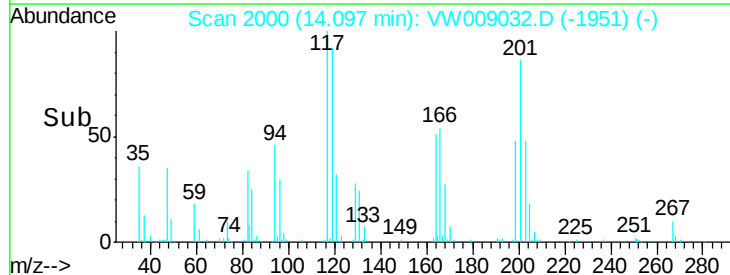
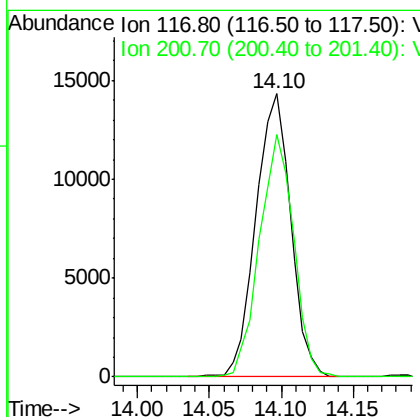
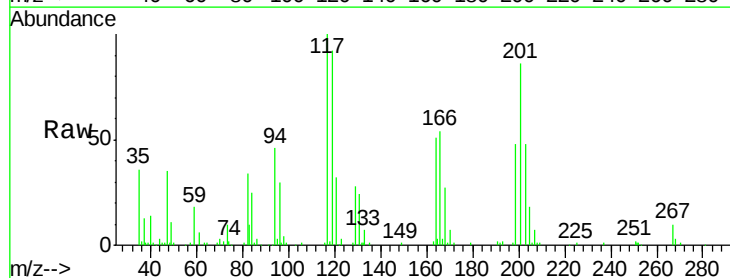
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

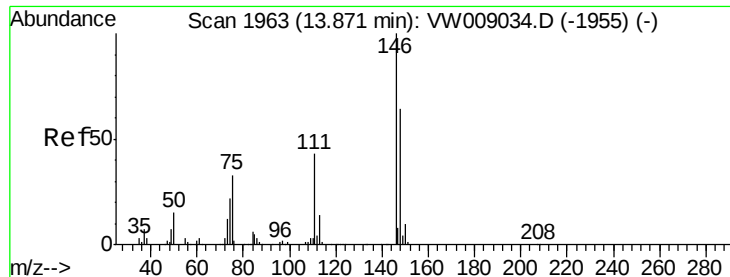
Tgt Ion: 91 Resp: 129766
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.3
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 9.115 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion: 117 Resp: 23942
Ion Ratio Lower Upper
117 100
201 83.8 39.1 117.5

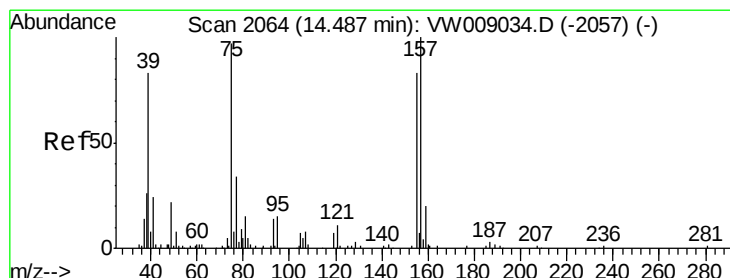
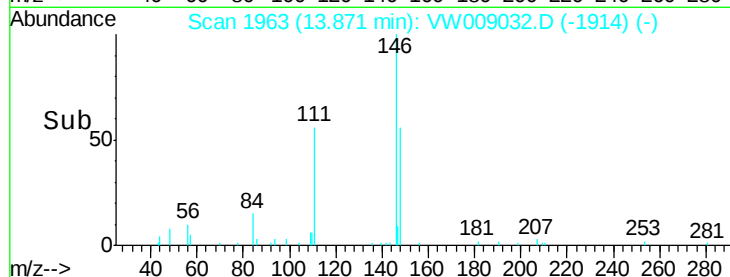
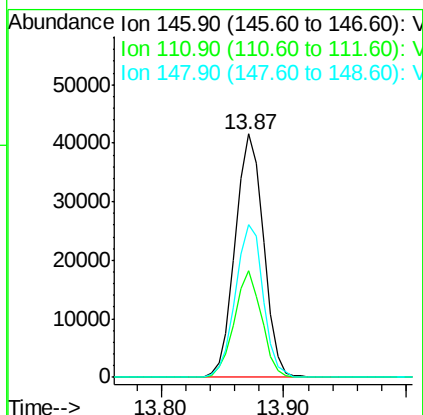
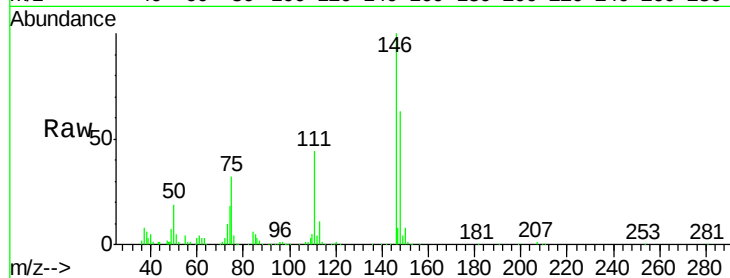




#91
 1,2-Dichlorobenzene
 Concen: 9.995 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

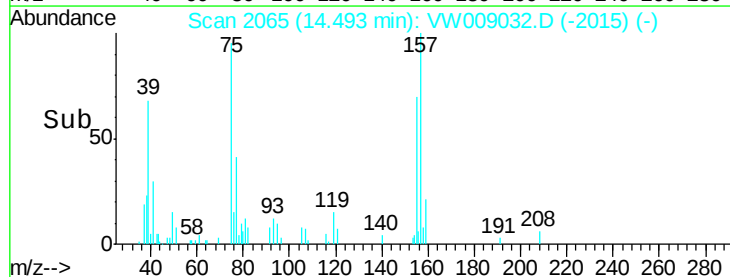
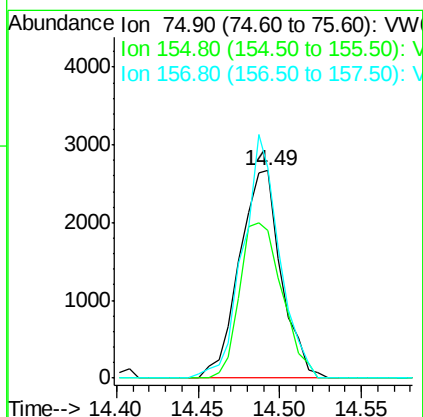
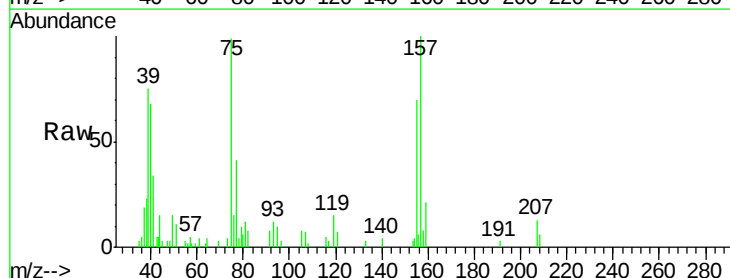
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

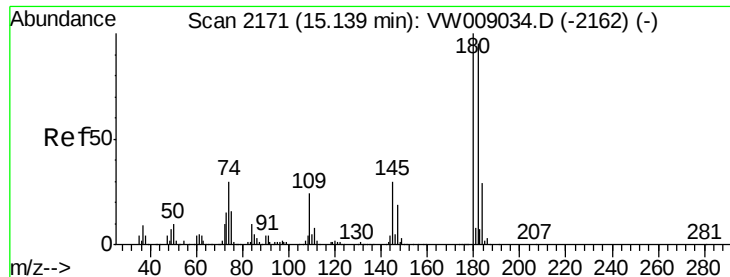
Tgt Ion:146 Resp: 66574
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 61.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.165 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion: 75 Resp: 4760
 Ion Ratio Lower Upper
 75 100
 155 75.7 40.8 122.4
 157 101.9 52.4 157.3

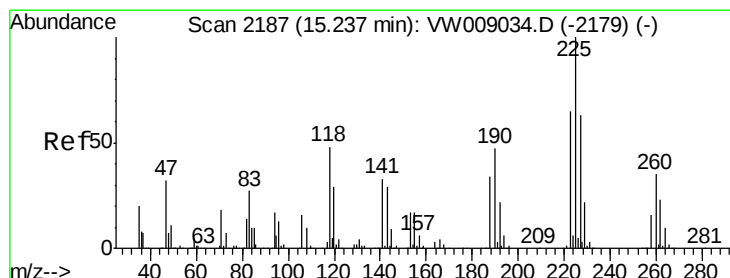
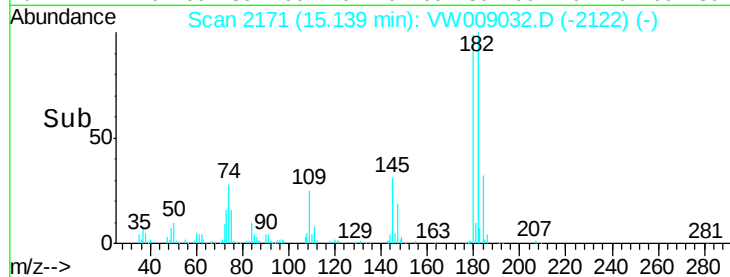
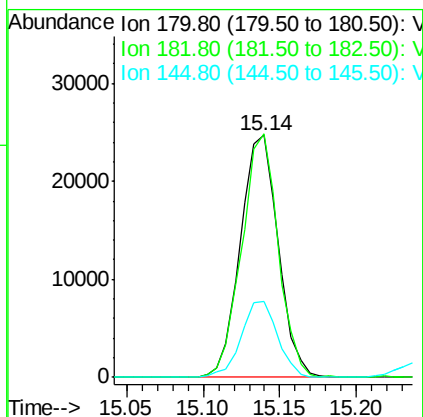
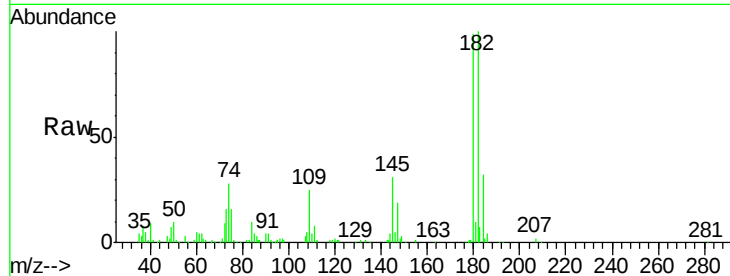




#93
 1,2,4-Trichlorobenzene
 Concen: 9.304 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

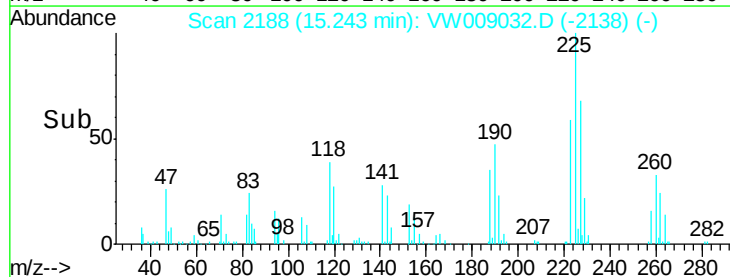
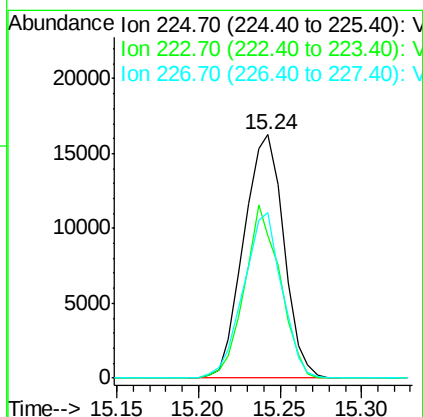
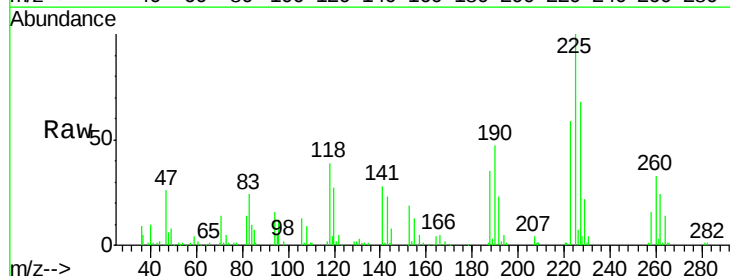
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

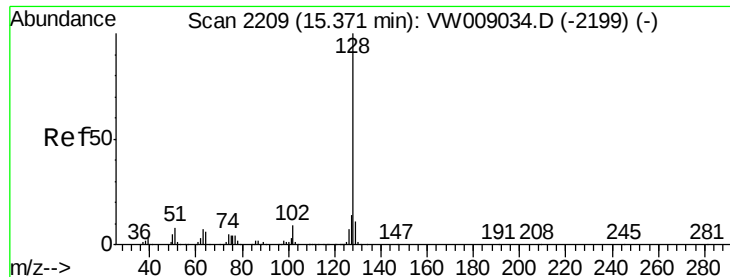
Tgt Ion:180 Resp: 42376
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.1 144.3
 145 30.3 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 9.777 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009032.D
 Acq: 07 Mar 2019 11:21

Tgt Ion:225 Resp: 27834
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.8
 227 65.3 32.0 96.2

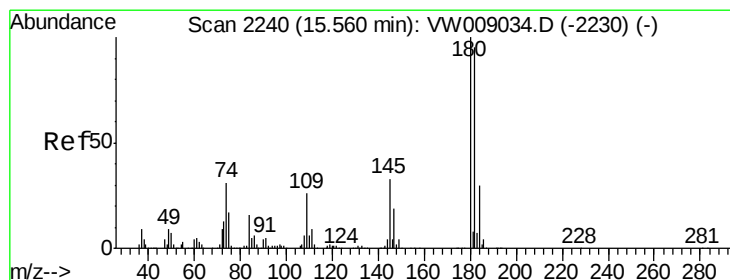
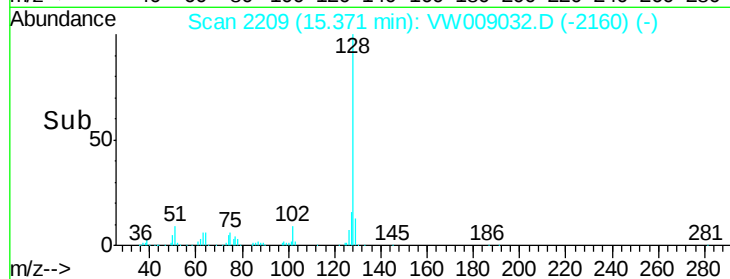
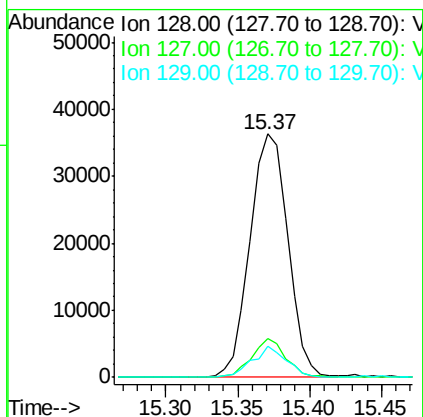
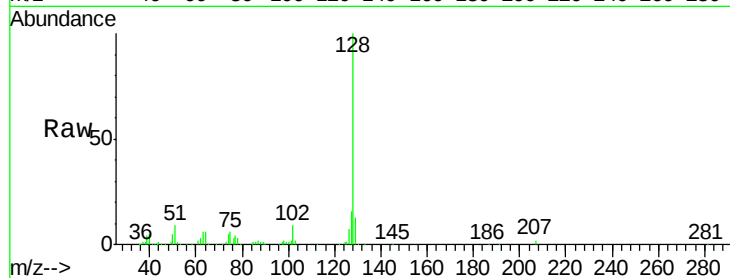




#95
Naphthalene
Concen: 8.787 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 66303
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.6
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.668 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009032.D
Acq: 07 Mar 2019 11:21

Tgt Ion:180 Resp: 38666
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 29.8 15.8 47.3

