

Data File : VW010480.D
Acq On : 21 May 2019 11:59
Operator : SY/VA
Sample : VW0521SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

Quant Time: May 22 06:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	245881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80066	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.88	113	80555	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.32	98	310138	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	119901	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	23573	18.759 ug/l	99
3) Chloromethane	2.21	50	26289	17.904 ug/l	99
4) Vinyl Chloride	2.36	62	31051	18.257 ug/l	98
5) Bromomethane	2.74	94	23982	20.496 ug/l	100
6) Chloroethane	2.90	64	21189	19.407 ug/l	98
7) Trichlorofluoromethane	3.25	101	52548	20.927 ug/l	99
8) Diethyl Ether	3.68	74	16582	20.832 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32919	21.288 ug/l	100
10) Methyl Iodide	4.27	142	30582	17.302 ug/l	99
11) Tert butyl alcohol	5.16	59	12718	98.020 ug/l	96
12) 1,1-Dichloroethene	4.03	96	30786	20.856 ug/l	97
13) Acrolein	3.89	56	9885	119.062 ug/l	99
14) Allyl chloride	4.67	41	45003	21.062 ug/l	98
15) Acrylonitrile	5.37	53	33752	101.251 ug/l	99
16) Acetone	4.12	43	29787	101.165 ug/l	97
17) Carbon Disulfide	4.38	76	87466	19.865 ug/l	100
18) Methyl Acetate	4.68	43	14760	20.497 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	80374	21.358 ug/l	97
20) Methylene Chloride	4.92	84	33200	15.742 ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	35505	20.970 ug/l	97
22) Diisopropyl ether	6.31	45	91555	20.897 ug/l	98
23) Vinyl Acetate	6.26	43	264850	101.200 ug/l	100
24) 1,1-Dichloroethane	6.21	63	55435	21.203 ug/l	98
25) 2-Butanone	7.17	43	42556	100.994 ug/l	98
26) 2,2-Dichloropropane	7.17	77	53321	21.410 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	38901	21.133 ug/l	99
28) Bromochloromethane	7.51	49	19873	21.230 ug/l	96
29) Tetrahydrofuran	7.53	42	28261	99.116 ug/l	99
30) Chloroform	7.68	83	60049	21.293 ug/l	100
31) Cyclohexane	7.95	56	55691	20.335 ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	56707	21.038 ug/l	98
36) 1,1-Dichloropropene	8.08	75	48658	21.243 ug/l	99
37) Ethyl Acetate	7.26	43	19767	20.294 ug/l	99
38) Carbon Tetrachloride	8.07	117	51115	20.687 ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	63392	20.657	ug/l	99
40) Benzene	8.32	78	133626	20.989	ug/l	99
41) Methacrylonitrile	7.49	41	10917	18.863	ug/l	95
42) 1,2-Dichloroethane	8.40	62	38490	21.153	ug/l	99
43) Isopropyl Acetate	8.43	43	38491	19.781	ug/l	99
44) Trichloroethene	9.09	130	39402	20.847	ug/l	98
45) 1,2-Dichloropropane	9.37	63	31531	20.854	ug/l	96
46) Dibromomethane	9.46	93	18610	21.046	ug/l	97
47) Bromodichloromethane	9.65	83	45881	20.648	ug/l	96
48) Methyl methacrylate	9.43	41	17377	19.520	ug/l	97
49) 1,4-Dioxane	9.45	88	5537	383.325	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	98059	99.448	ug/l	98
52) Toluene	10.39	92	91150	21.319	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	46243	20.548	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	54324	21.136	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	26879	21.139	ug/l	94
56) Ethyl methacrylate	10.65	69	34912	19.908	ug/l	99
57) 1,3-Dichloropropane	10.93	76	44736	21.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	72028	92.729	ug/l	100
59) 2-Hexanone	10.97	43	69074	98.202	ug/l	99
60) Dibromochloromethane	11.13	129	32979	20.493	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26868	20.859	ug/l	98
64) Tetrachloroethene	10.87	164	31428	20.324	ug/l	94
65) Chlorobenzene	11.66	112	99376	21.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	35358	20.878	ug/l	99
67) Ethyl Benzene	11.73	91	174734	20.934	ug/l	98
68) m/p-Xylenes	11.84	106	136714	41.759	ug/l	99
69) o-Xylene	12.16	106	64509	20.797	ug/l	98
70) Styrene	12.18	104	111166	21.122	ug/l	99
71) Bromoform	12.35	173	17259	18.506	ug/l #	99
73) Isopropylbenzene	12.47	105	178184	21.018	ug/l	99
74) N-amyl acetate	12.27	43	37779	19.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	30900	20.039	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	39416	36.347	ug/l #	1
77) Bromobenzene	12.75	156	39195	20.660	ug/l	98
78) n-propylbenzene	12.80	91	204457	20.695	ug/l	100
79) 2-Chlorotoluene	12.90	91	119345	20.830	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	149819	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9682	18.634	ug/l	98
82) 4-Chlorotoluene	12.99	91	125937	21.177	ug/l	98
83) tert-Butylbenzene	13.21	119	133452	21.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	149850	20.955	ug/l	99
85) sec-Butylbenzene	13.38	105	181574	20.688	ug/l	100
86) p-Isopropyltoluene	13.50	119	164444	20.700	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	76844	20.646	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	77483	20.749	ug/l	98
89) n-Butylbenzene	13.83	91	156476	20.708	ug/l	100
90) Hexachloroethane	14.10	117	31231	20.310	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	69479	20.487	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5431	18.942	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052119\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	45541	19.737	ug/l	97
94) Hexachlorobutadiene	15.24	225	24669	20.012	ug/l	99
95) Naphthalene	15.37	128	92376	19.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	38415	19.348	ug/l	97

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

Data File : VW010480.D

Acq On : 21 May 2019 11:59

Operator : SY/VA

Sample : VW0521SBS01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

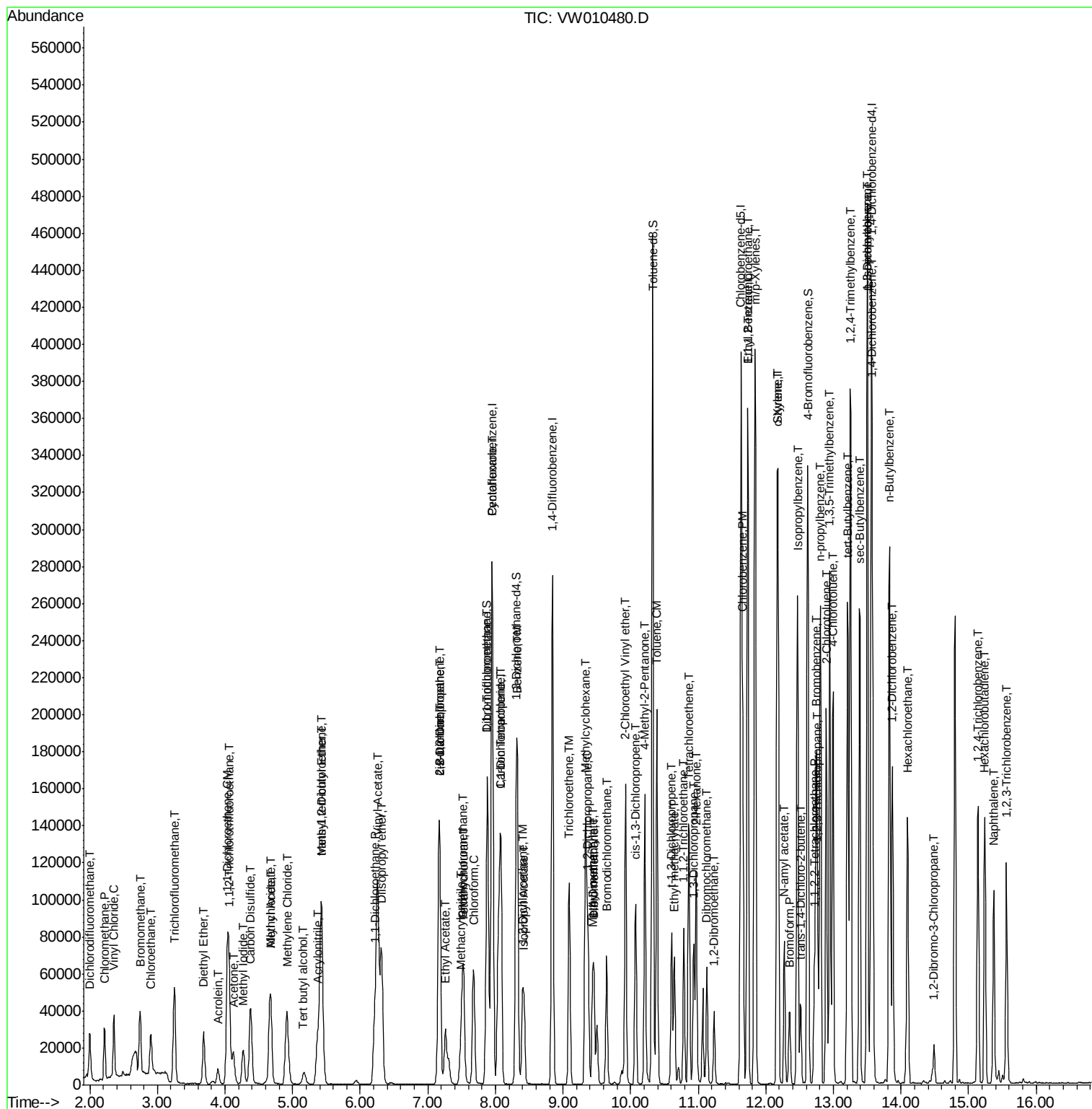
Quant Time: May 22 06:40:21 2019

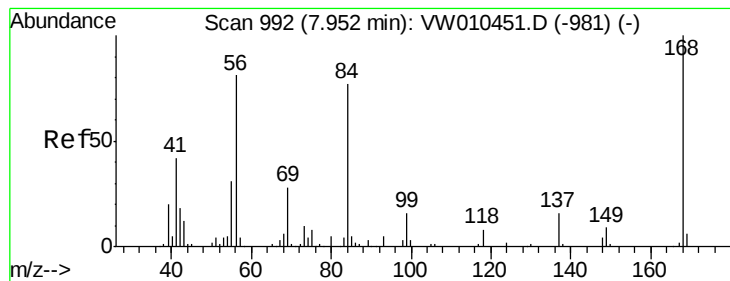
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W052019S.M

Quant Title : SW846 8260

QLast Update : Tue May 21 06:38:43 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

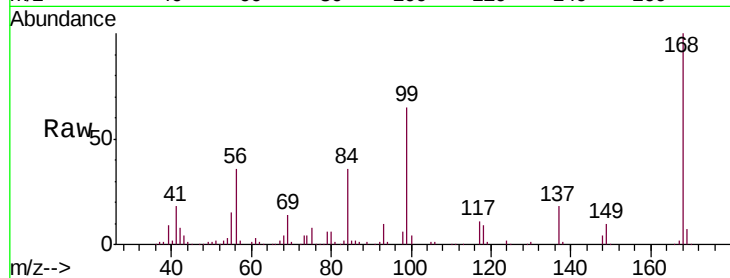
VW0521SBS01

Tgt Ion:168 Resp: 139751

Ion Ratio Lower Upper

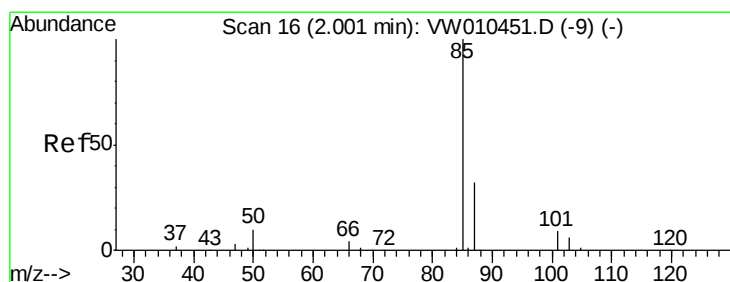
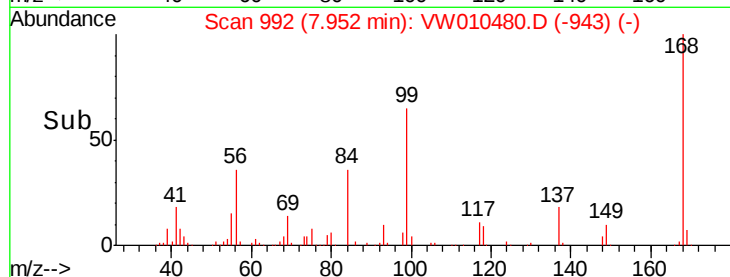
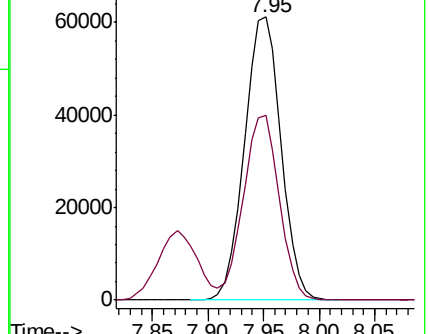
168 100

99 65.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.759 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010480.D

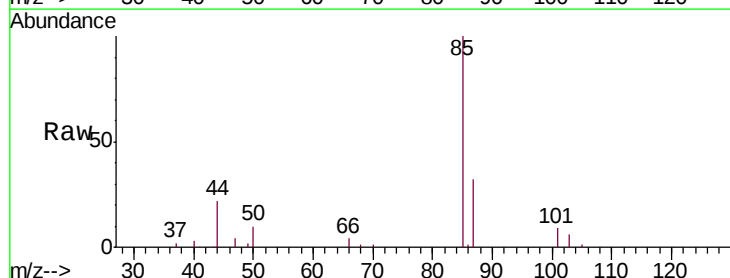
Acq: 21 May 2019 11:59

Tgt Ion: 85 Resp: 23573

Ion Ratio Lower Upper

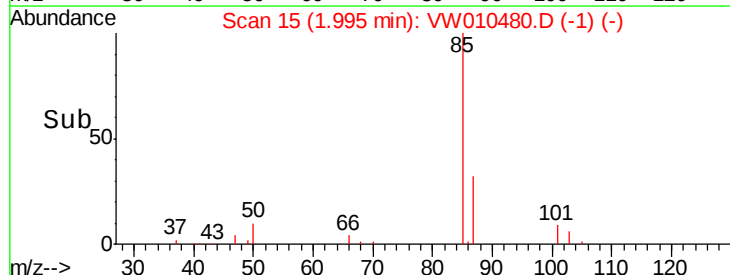
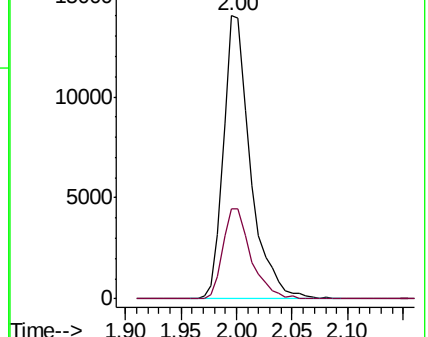
85 100

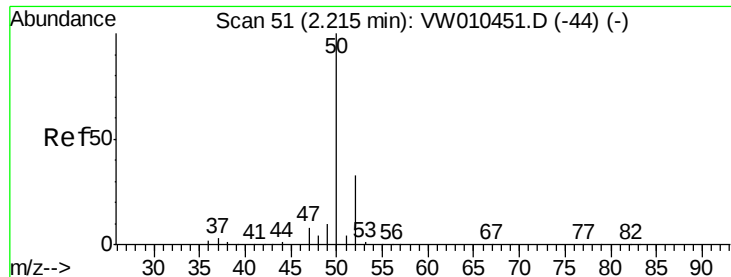
87 31.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.904 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

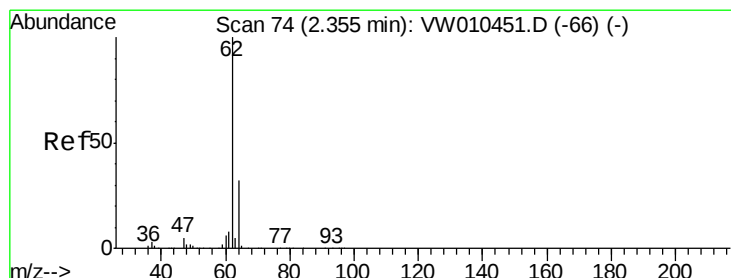
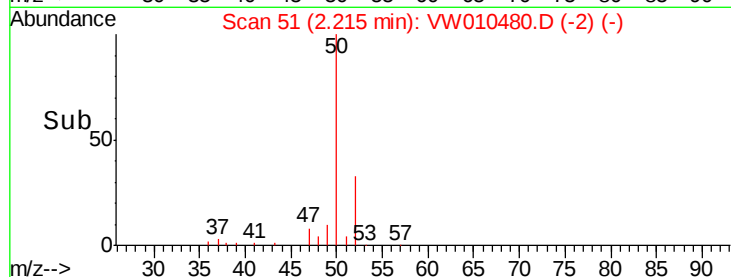
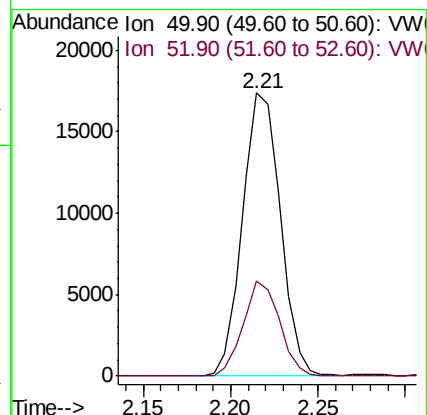
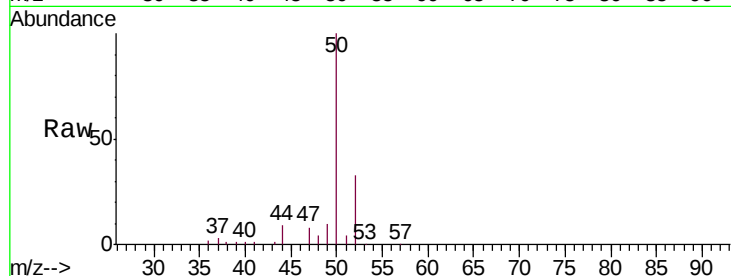
VW0521SBS01

Tgt Ion: 50 Resp: 26289

Ion Ratio Lower Upper

50 100

52 33.5 26.3 39.5



#4

Vinyl Chloride

Concen: 18.257 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW010480.D

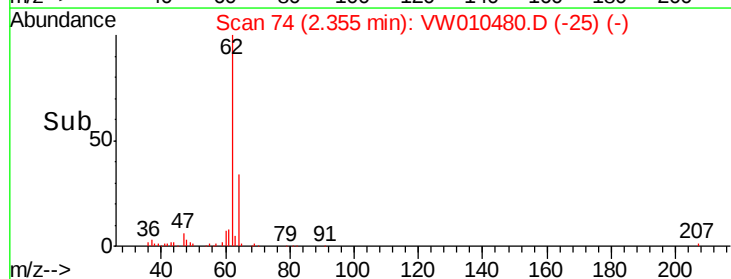
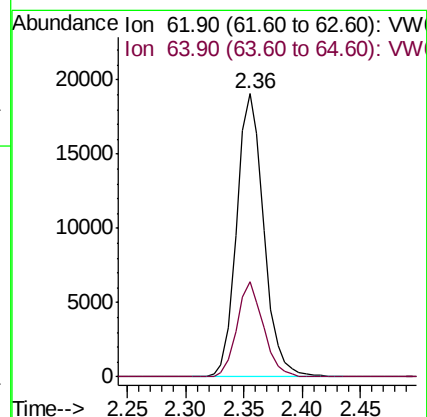
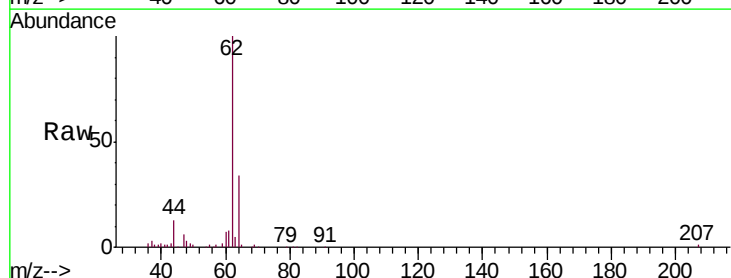
Acq: 21 May 2019 11:59

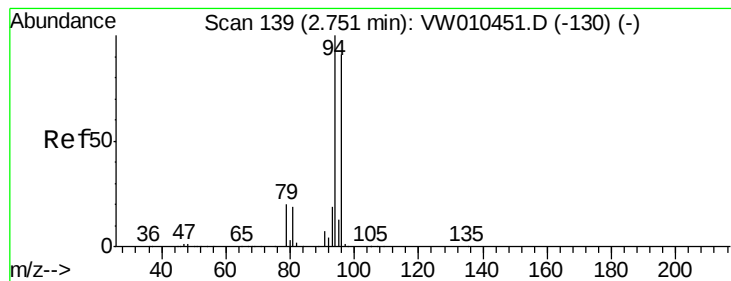
Tgt Ion: 62 Resp: 31051

Ion Ratio Lower Upper

62 100

64 33.6 25.8 38.8





#5

Bromomethane

Concen: 20.496 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.01 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

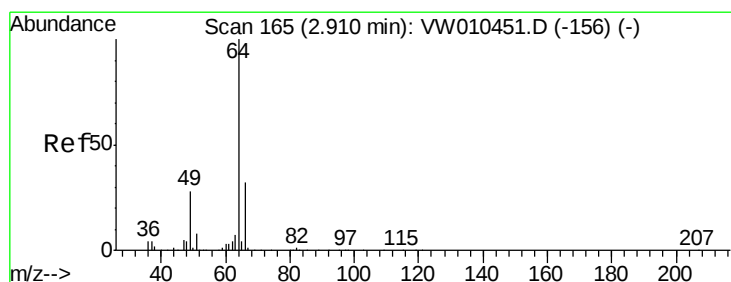
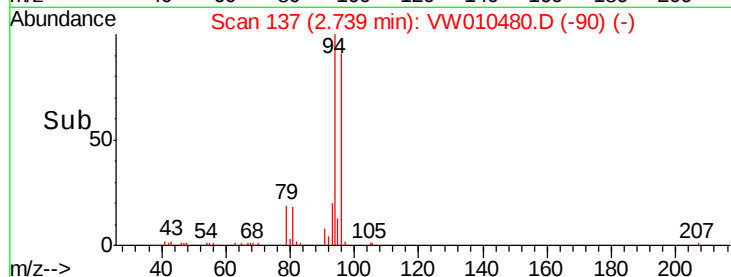
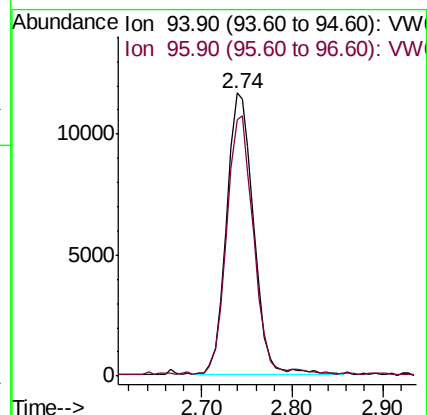
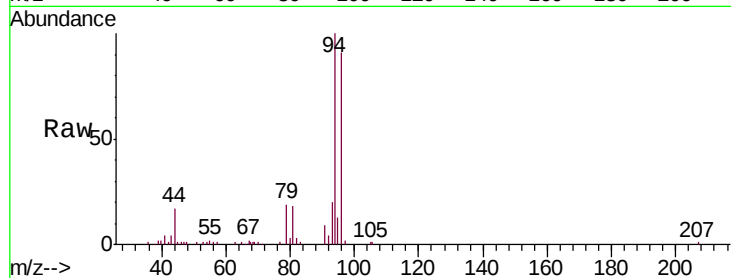
VW0521SBS01

Tgt Ion: 94 Resp: 23982

Ion Ratio Lower Upper

94 100

96 90.7 72.9 109.3



#6

Chloroethane

Concen: 19.407 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010480.D

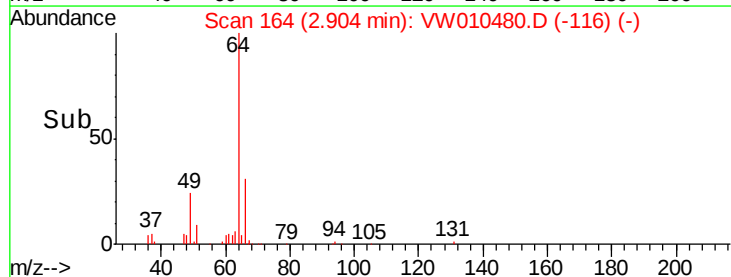
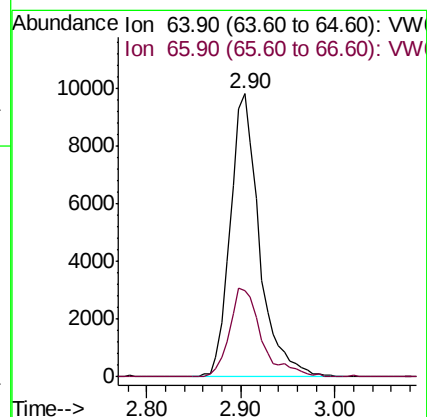
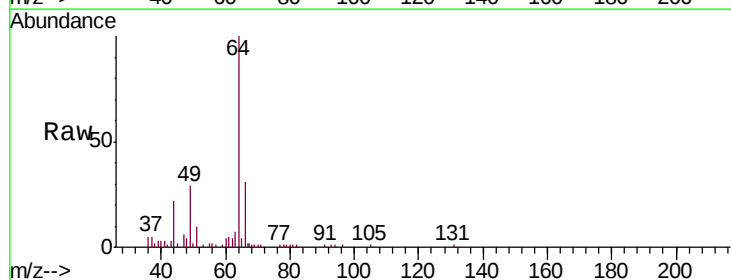
Acq: 21 May 2019 11:59

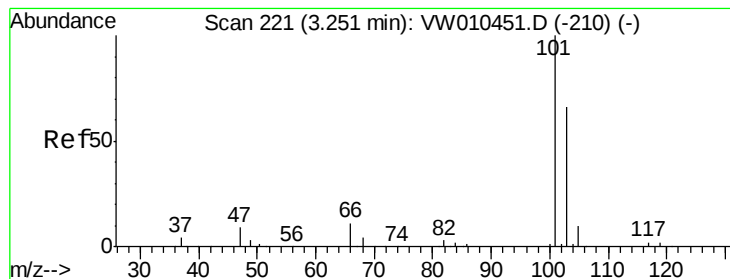
Tgt Ion: 64 Resp: 21189

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



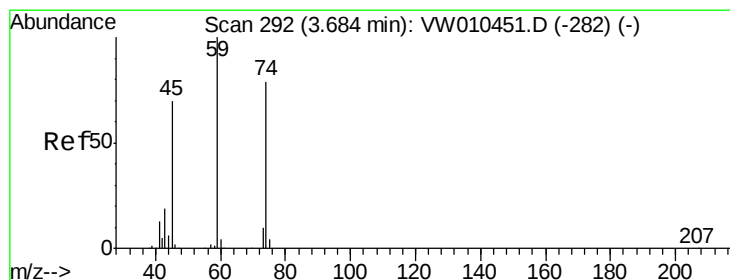
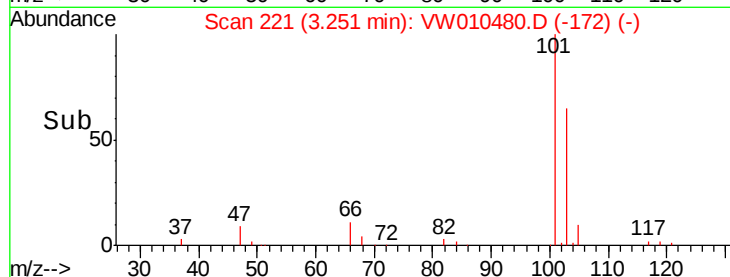
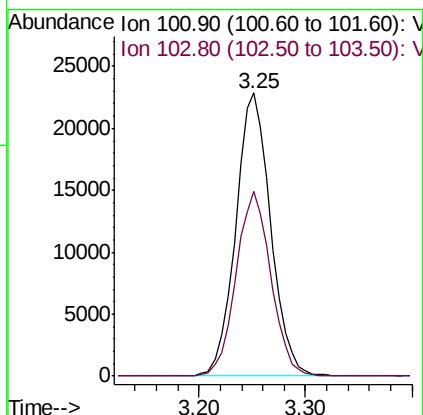
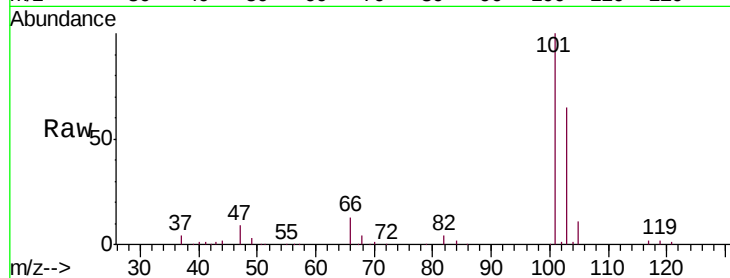


#7

Trichlorofluoromethane
 Concen: 20.927 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

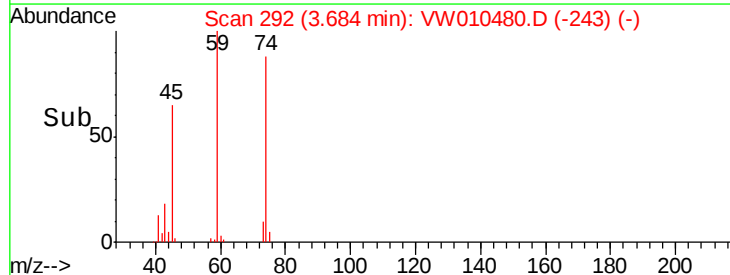
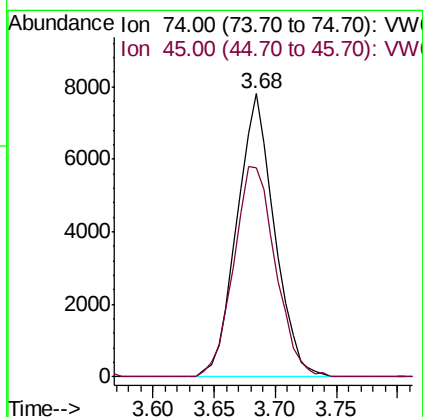
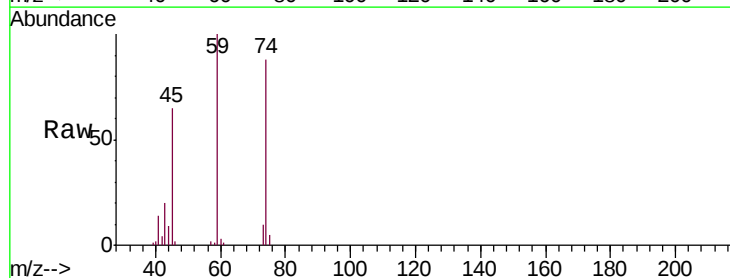
Tgt Ion:101 Resp: 52548
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.0 79.4

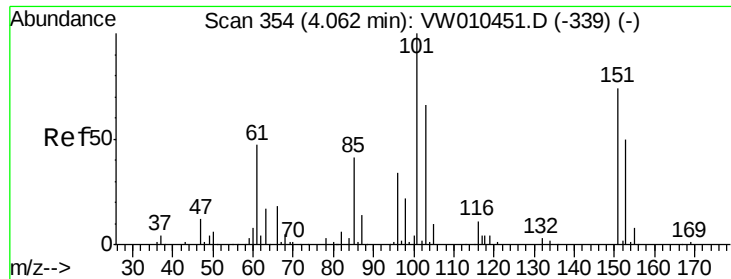


#8

Diethyl Ether
 Concen: 20.832 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 74 Resp: 16582
 Ion Ratio Lower Upper
 74 100
 45 83.0 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.288 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampled :

VW0521SBS01

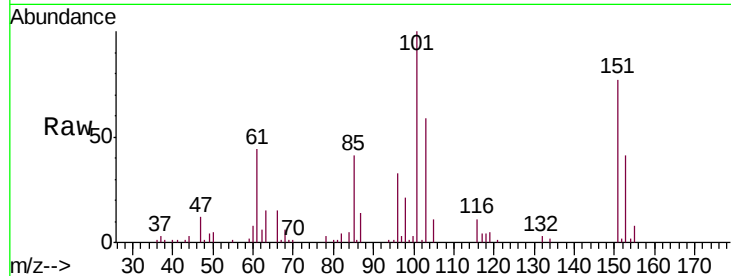
Tgt Ion:101 Resp: 32919

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

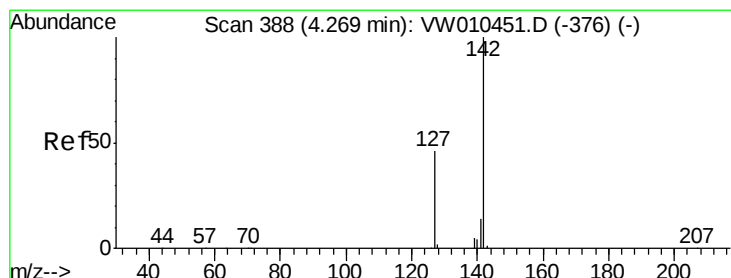
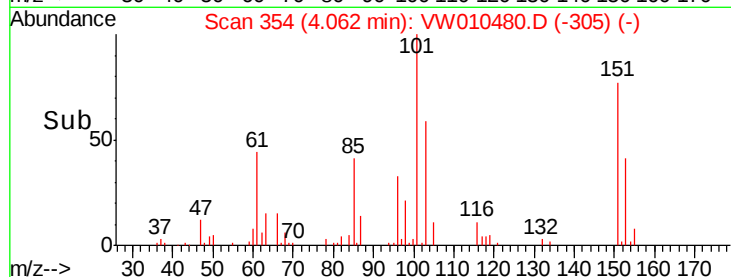
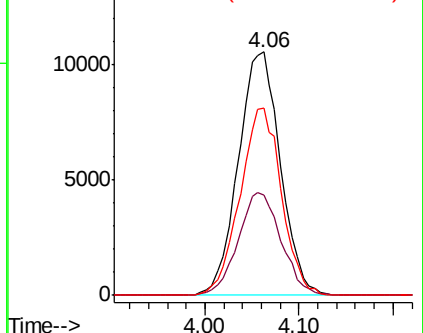
151 75.9 60.3 90.5



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: 17.302 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

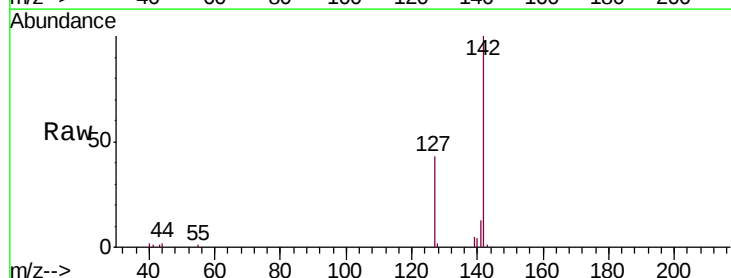
Tgt Ion:142 Resp: 30582

Ion Ratio Lower Upper

142 100

127 44.7 36.1 54.1

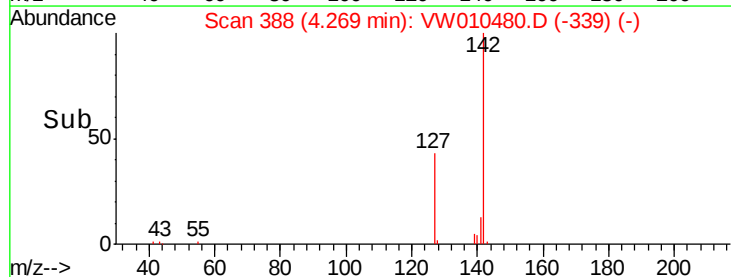
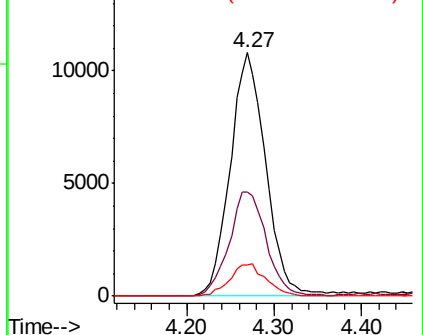
141 13.3 11.3 16.9

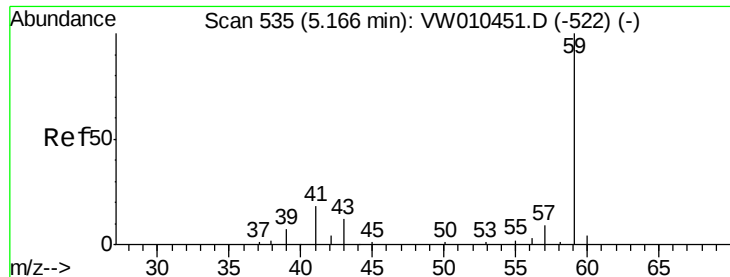


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

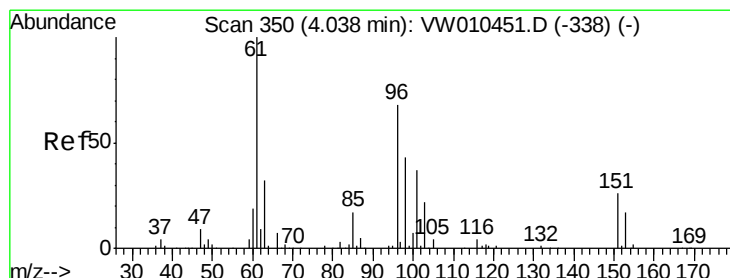
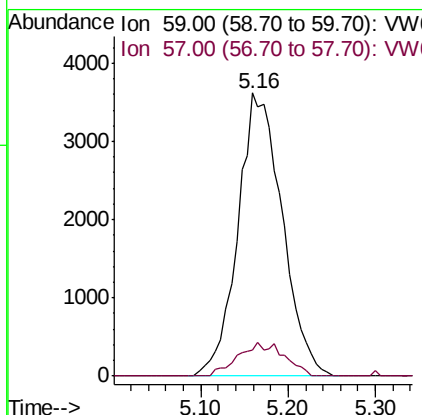
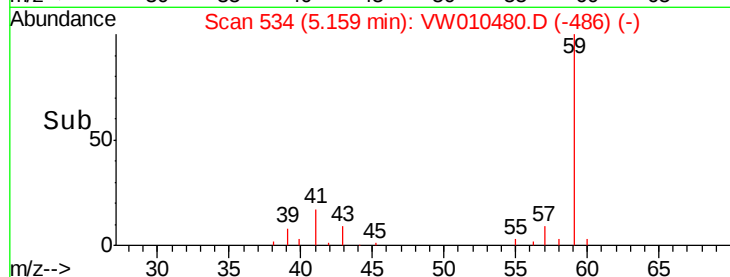
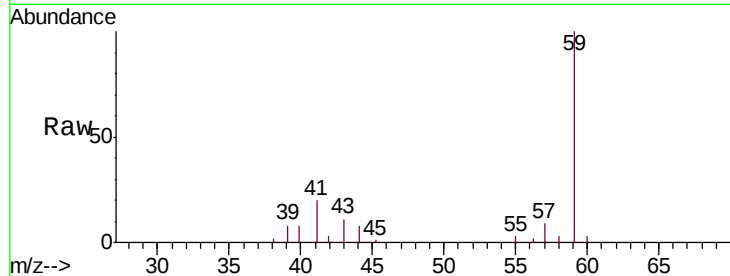




#11
Tert butyl alcohol
Concen: 98.020 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

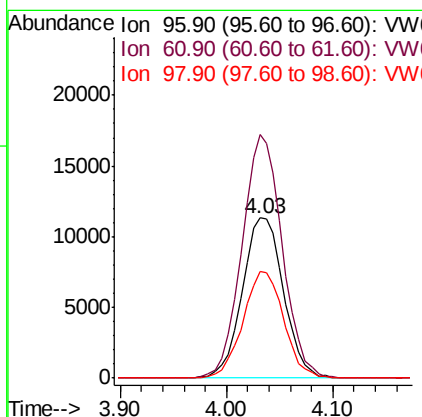
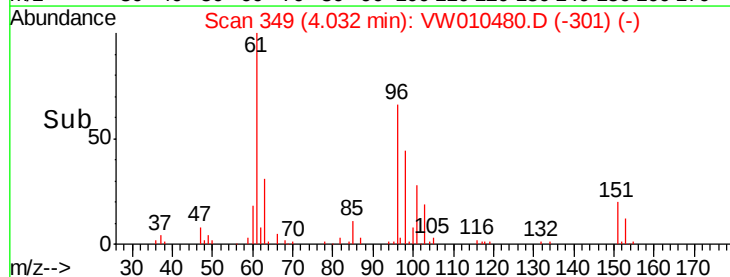
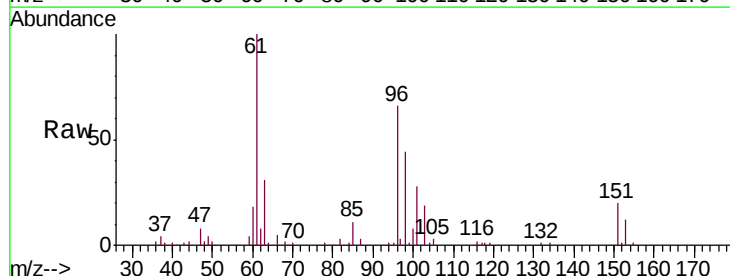
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

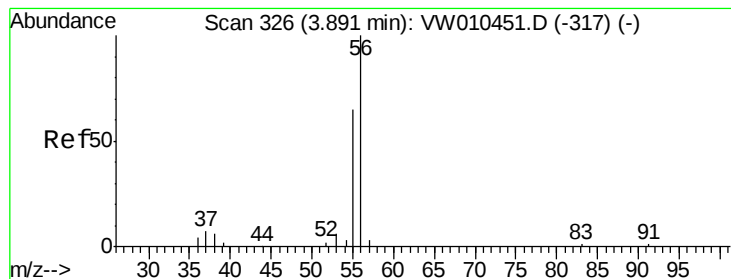
Tgt Ion: 59 Resp: 12718
Ion Ratio Lower Upper
59 100
57 12.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.856 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 96 Resp: 30786
Ion Ratio Lower Upper
96 100
61 152.0 118.3 177.5
98 66.2 51.0 76.6





#13

Acrolein

Concen: 119.062 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

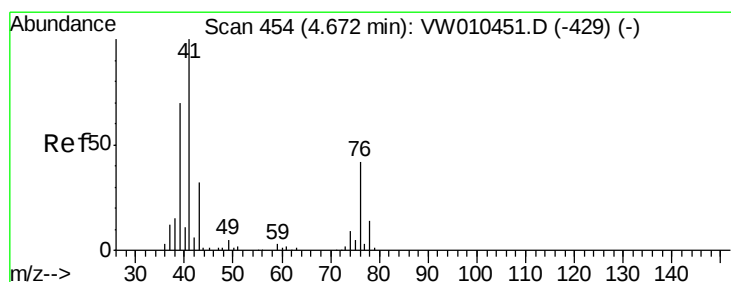
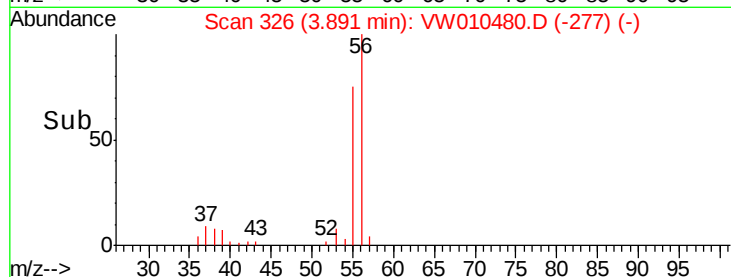
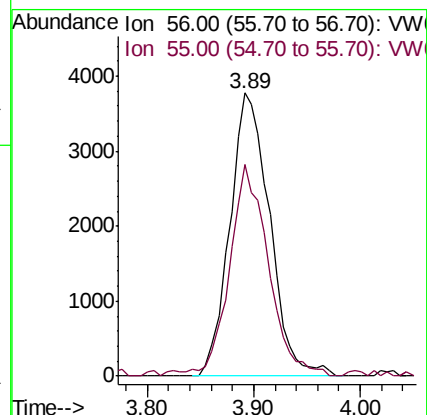
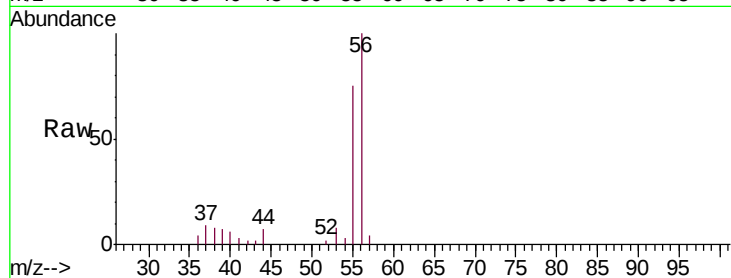
VW0521SBS01

Tgt Ion: 56 Resp: 9885

Ion Ratio Lower Upper

56 100

55 73.6 57.9 86.9



#14

Allyl chloride

Concen: 21.062 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

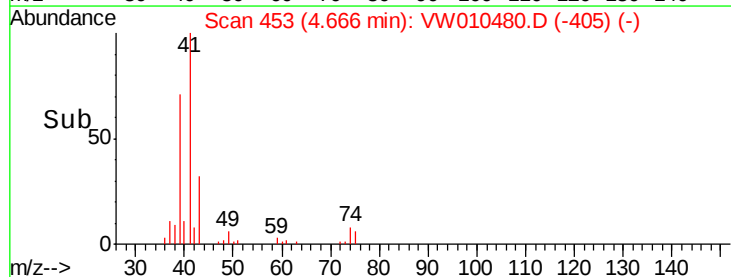
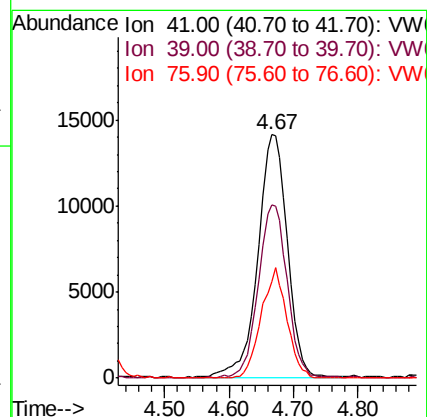
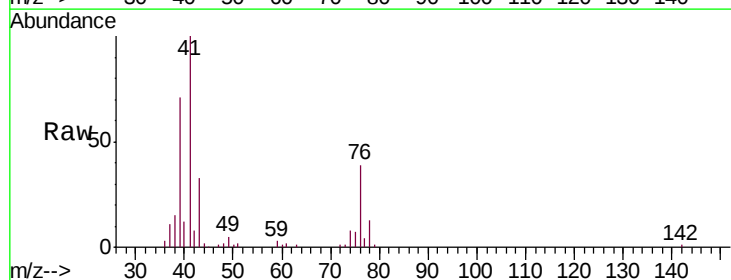
Tgt Ion: 41 Resp: 45003

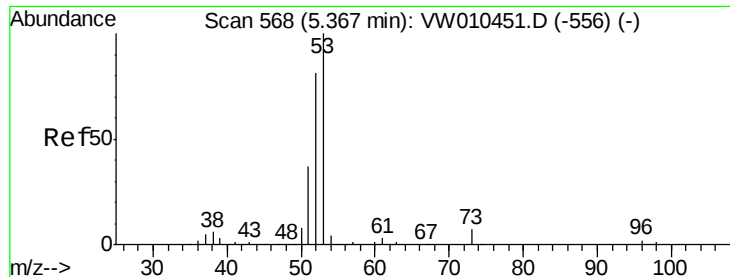
Ion Ratio Lower Upper

41 100

39 69.3 55.0 82.4

76 39.0 32.8 49.2





#15

Acrylonitrile

Concen: 101.251 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

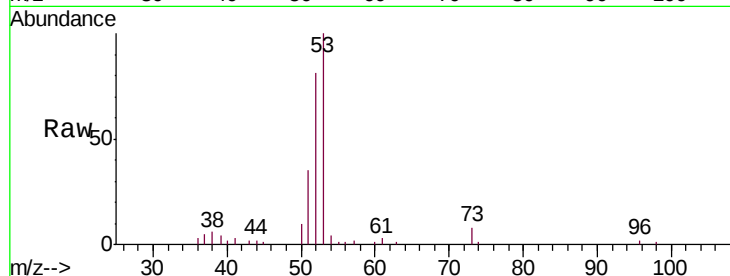
Tgt Ion: 53 Resp: 33752

Ion Ratio Lower Upper

53 100

52 80.7 65.6 98.4

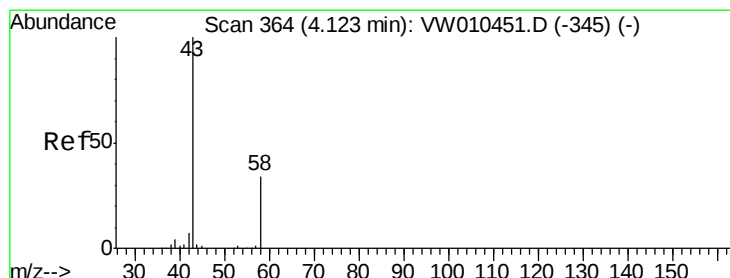
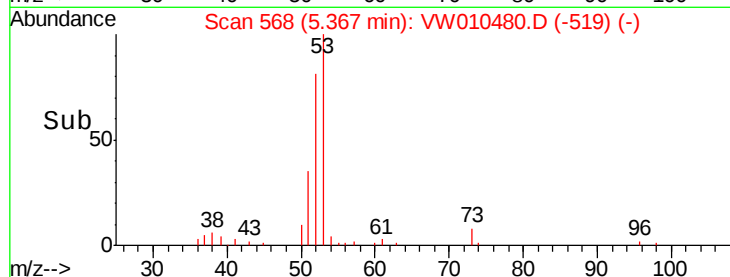
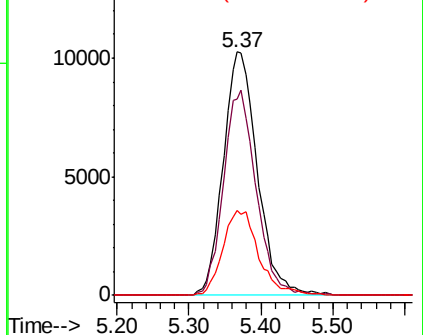
51 36.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 101.165 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010480.D

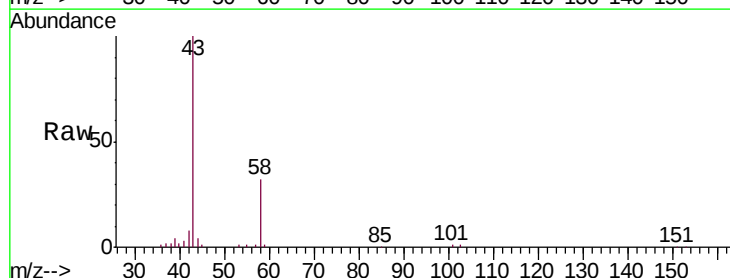
Acq: 21 May 2019 11:59

Tgt Ion: 43 Resp: 29787

Ion Ratio Lower Upper

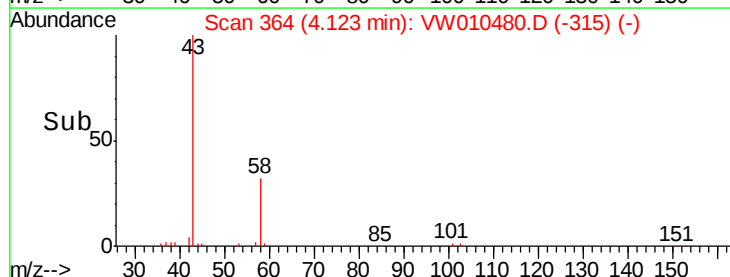
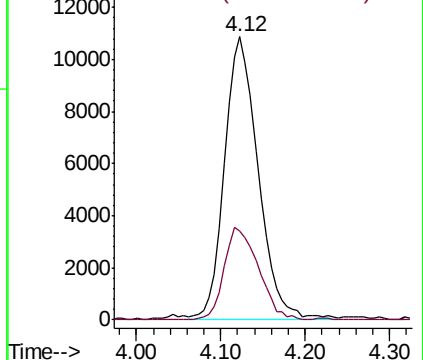
43 100

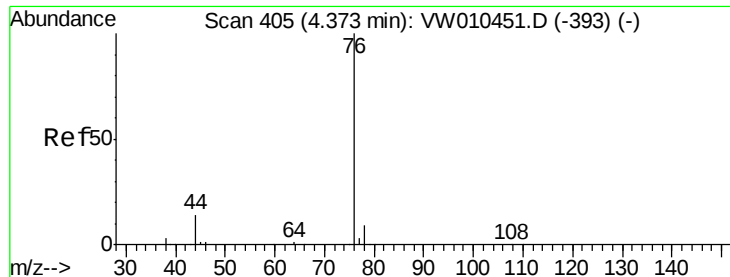
58 31.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

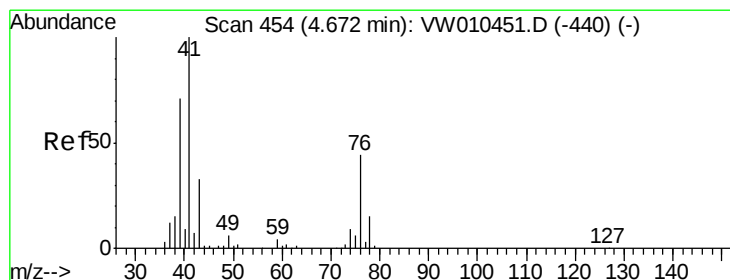
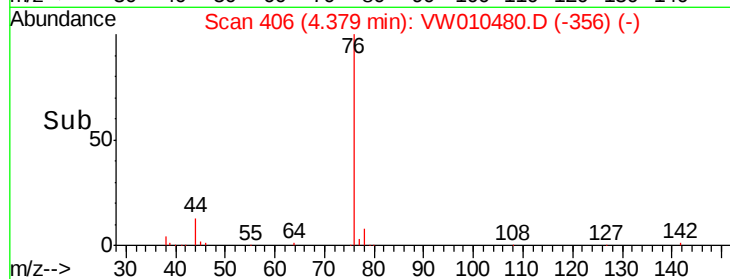
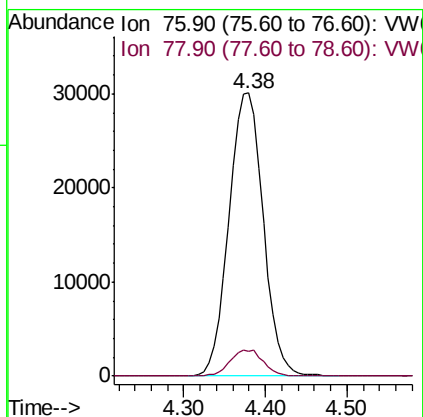
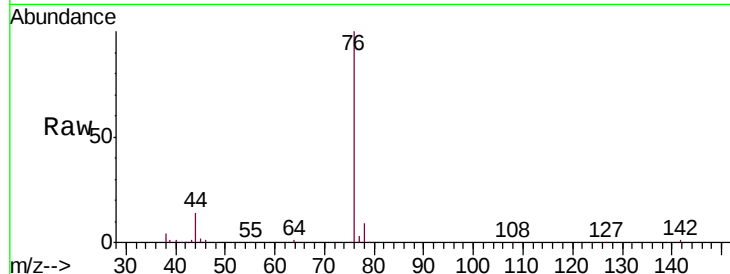




#17
Carbon Disulfide
Concen: 19.865 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

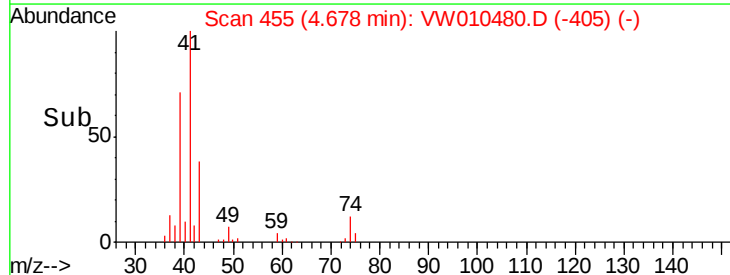
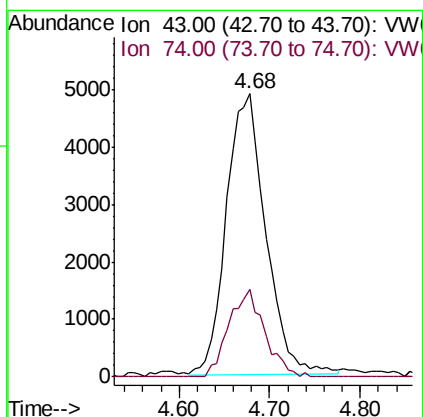
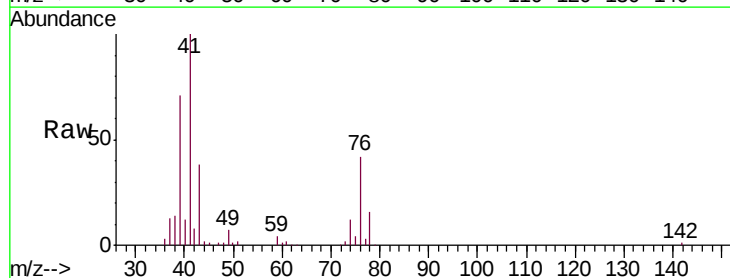
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

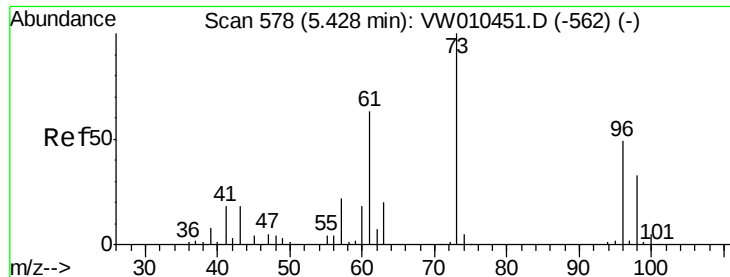
Tgt Ion: 76 Resp: 87466
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 20.497 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 43 Resp: 14760
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4

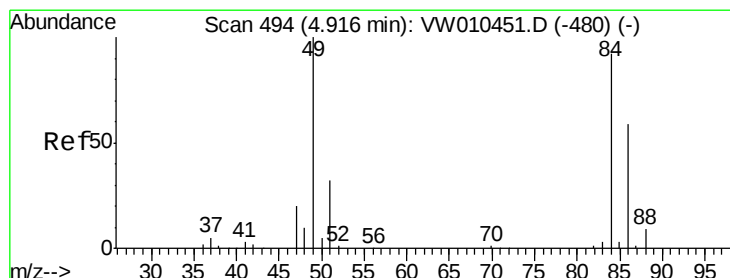
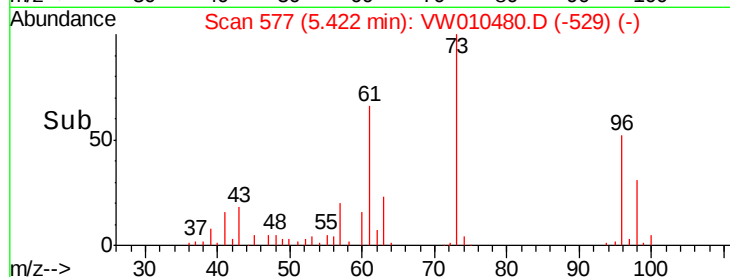
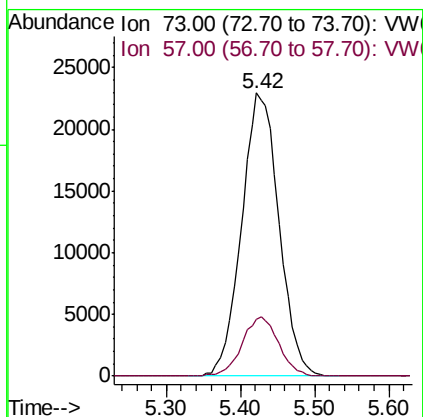
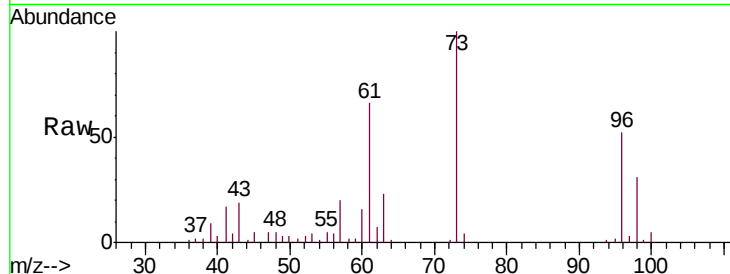




#19
Methyl tert-butyl Ether
Concen: 21.358 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

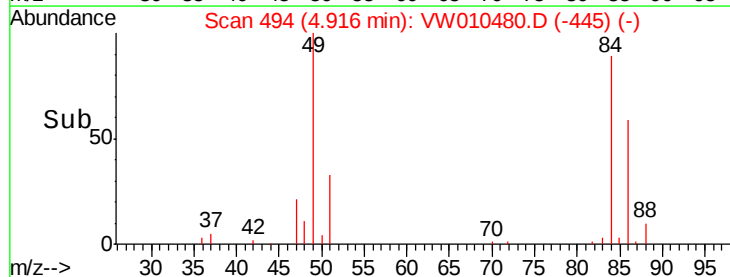
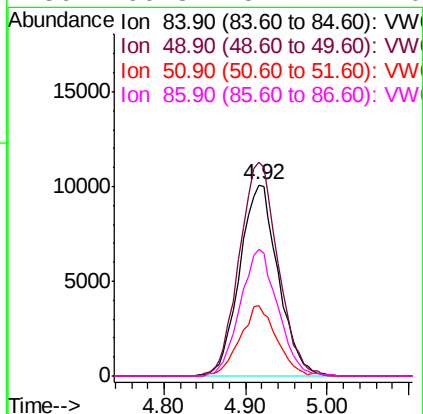
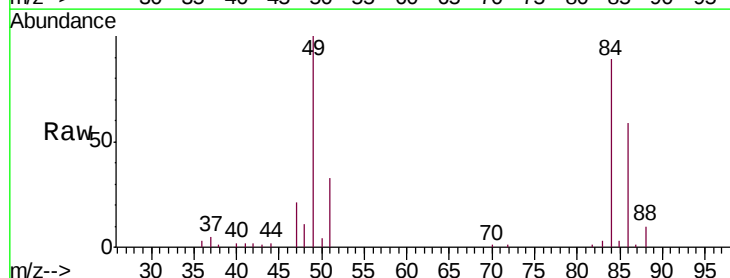
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

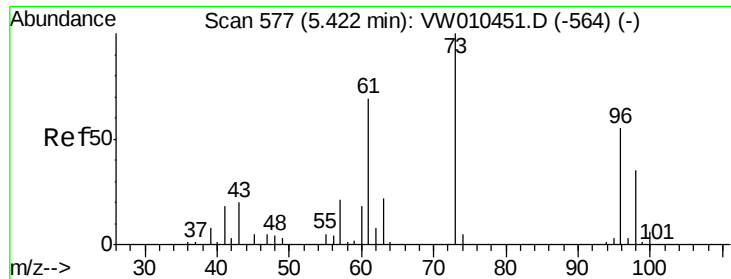
Tgt Ion: 73 Resp: 80374
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0



#20
Methylene Chloride
Concen: 15.742 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 84 Resp: 33200
Ion Ratio Lower Upper
84 100
49 111.9 87.2 130.8
51 37.0 27.7 41.5
86 66.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.970 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

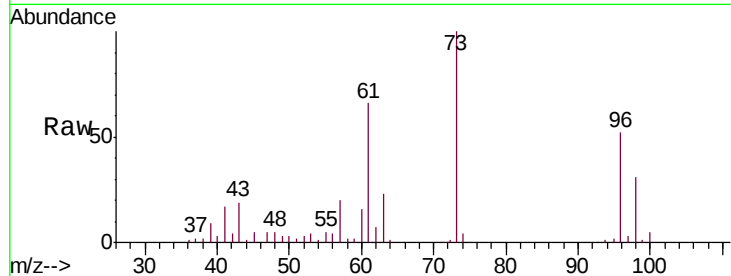
Tgt Ion: 96 Resp: 35505

Ion Ratio Lower Upper

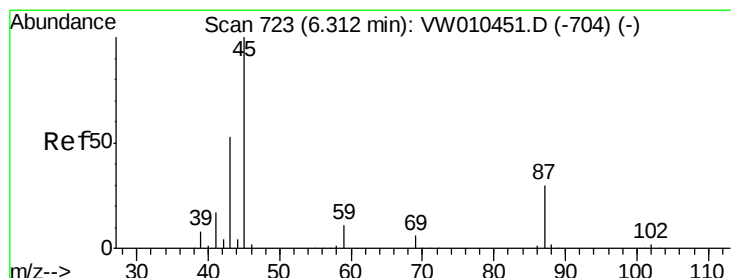
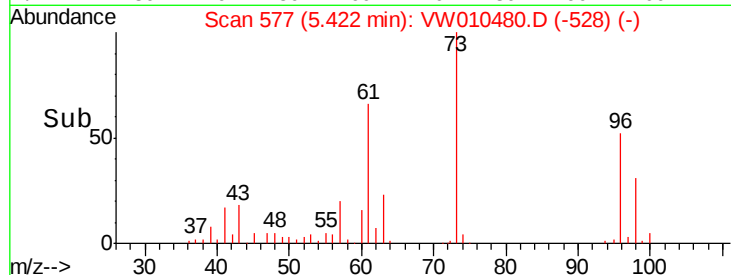
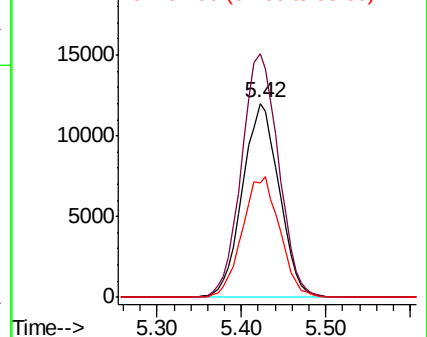
96 100

61 125.4 101.4 152.0

98 59.0 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.897 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Tgt Ion: 45 Resp: 91555

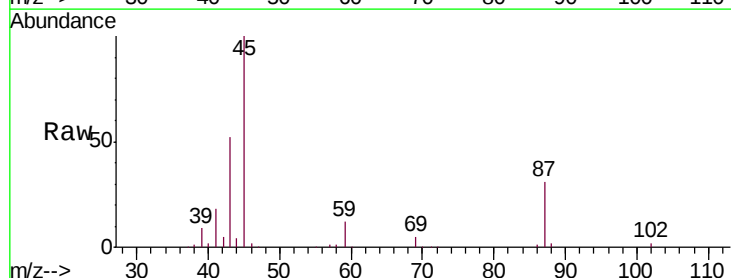
Ion Ratio Lower Upper

45 100

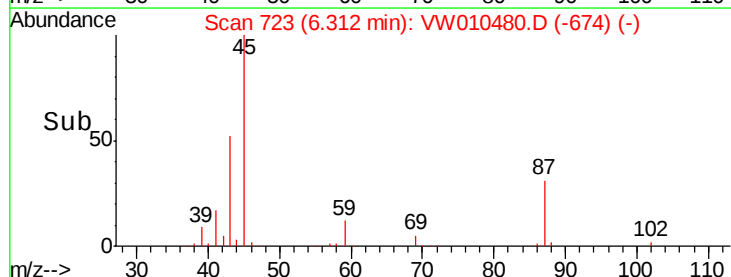
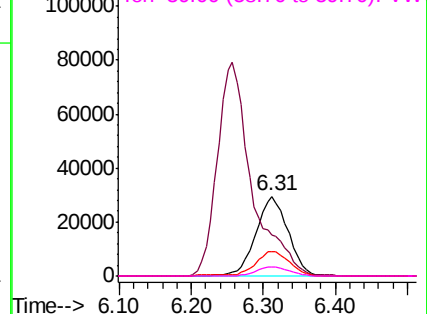
43 51.4 42.9 64.3

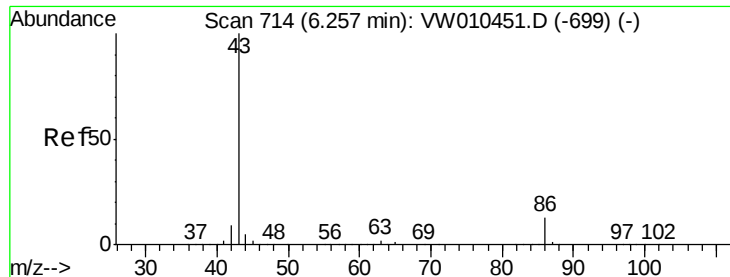
87 31.2 24.6 36.8

59 11.8 9.4 14.0



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





#23

Vinyl Acetate

Concen: 101.200 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

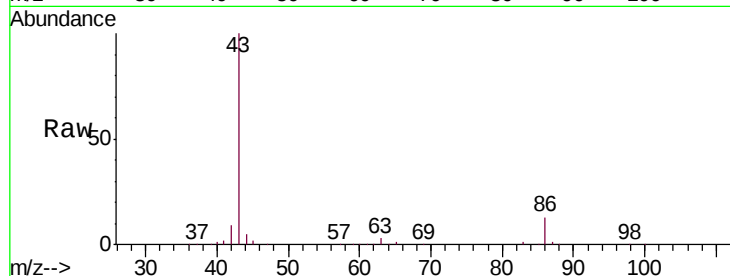
VW0521SBS01

Tgt Ion: 43 Resp: 264850

Ion Ratio Lower Upper

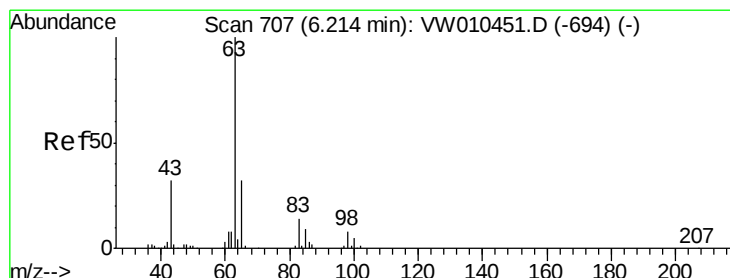
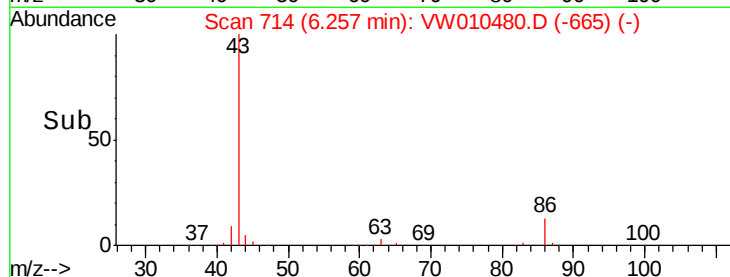
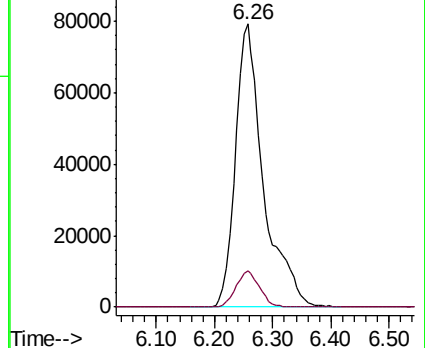
43 100

86 12.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.203 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

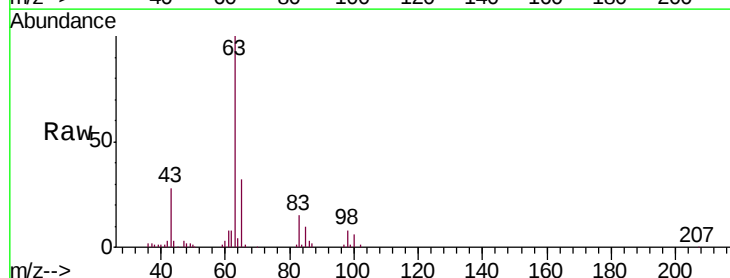
Tgt Ion: 63 Resp: 55435

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

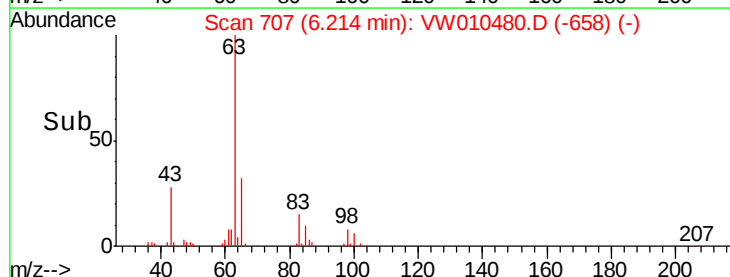
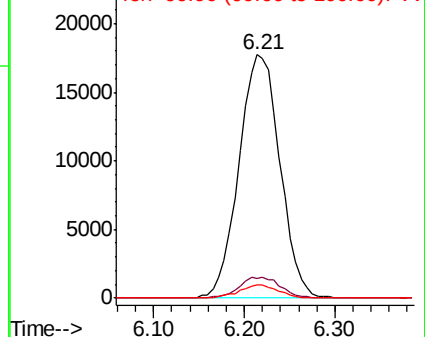
100 5.6 2.5 7.4

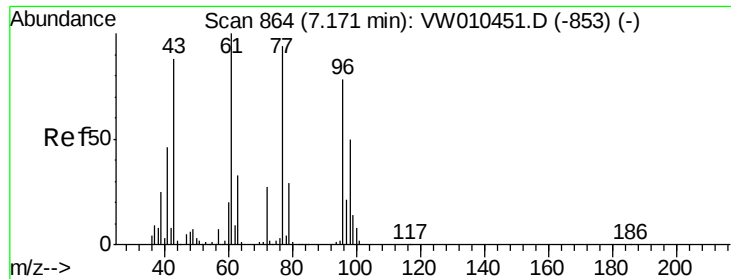


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 100.994 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

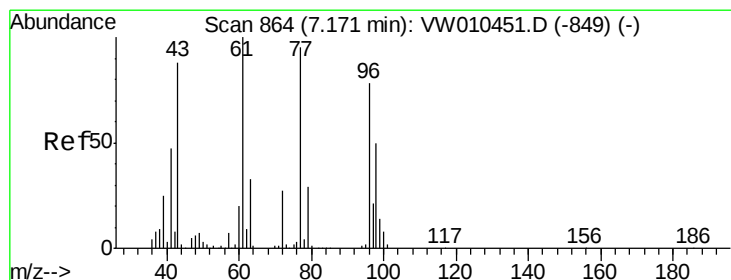
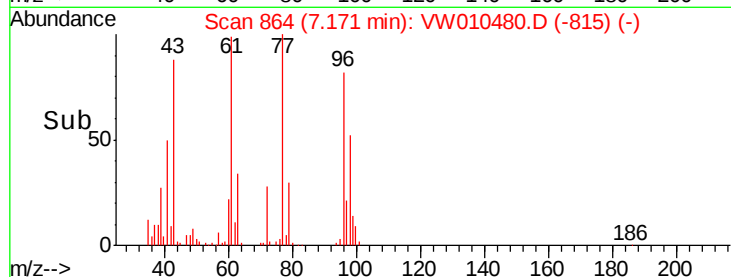
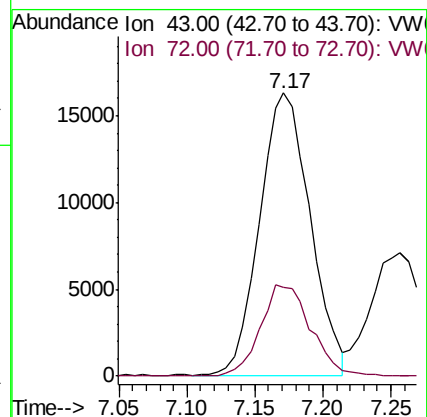
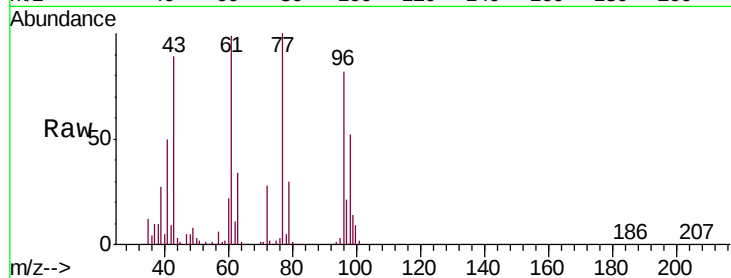
VW0521SBS01

Tgt Ion: 43 Resp: 42556

Ion Ratio Lower Upper

43 100

72 31.4 24.1 36.1



#26

2,2-Dichloropropane

Concen: 21.410 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010480.D

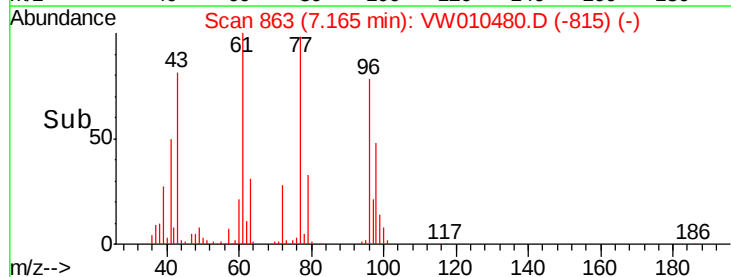
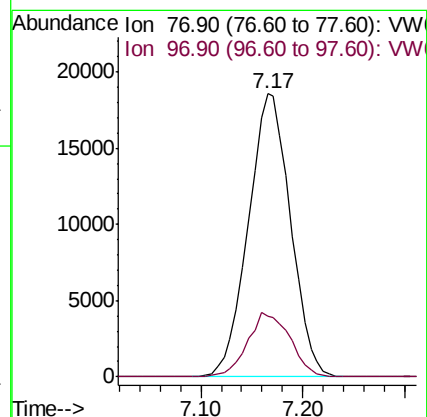
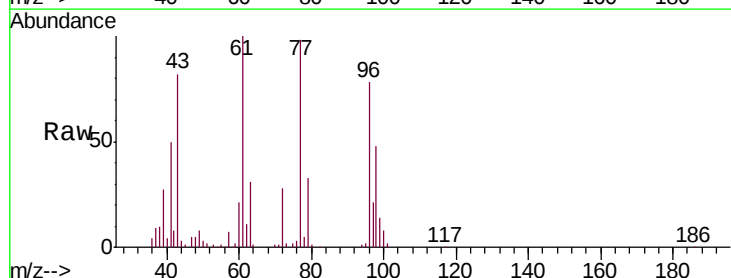
Acq: 21 May 2019 11:59

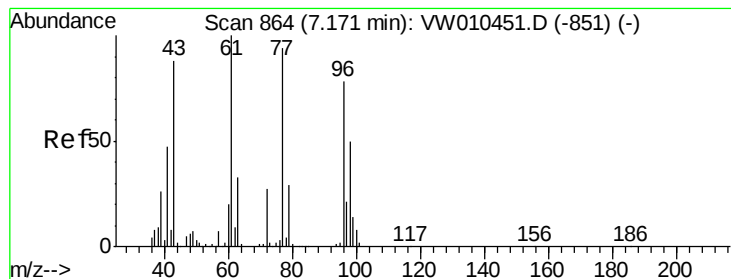
Tgt Ion: 77 Resp: 53321

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



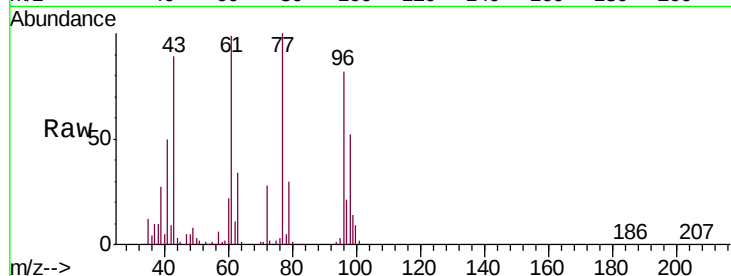


#27

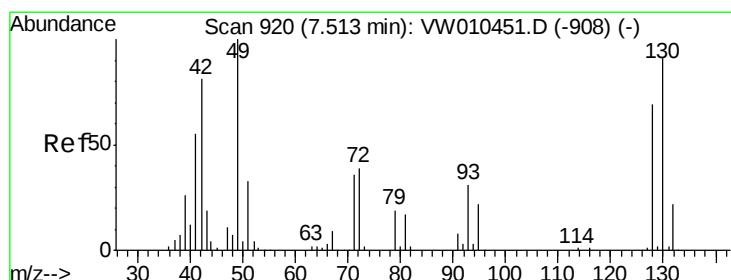
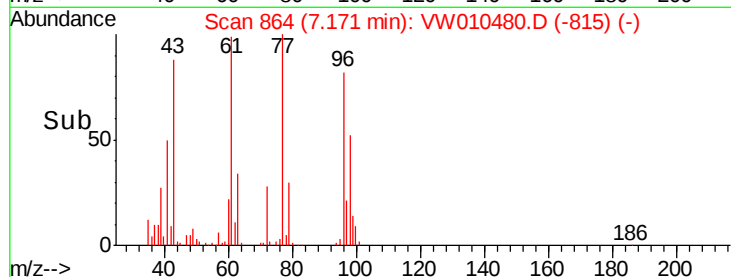
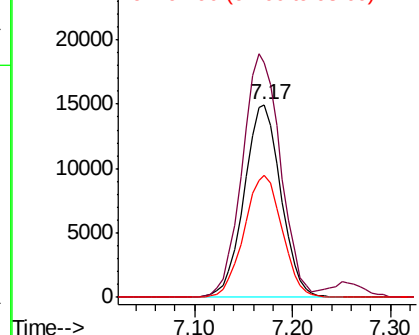
cis-1,2-Dichloroethene
Concen: 21.133 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

Tgt Ion: 96 Resp: 38901
Ion Ratio Lower Upper
96 100
61 132.0 0.0 265.4
98 65.6 0.0 129.4



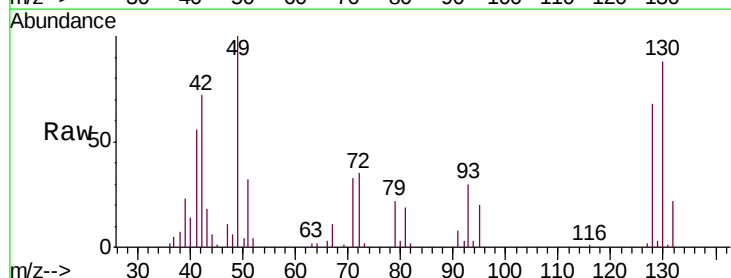
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



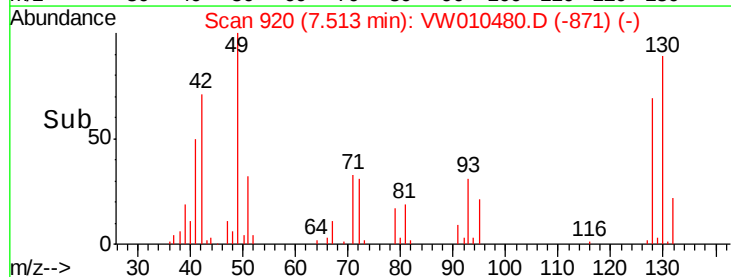
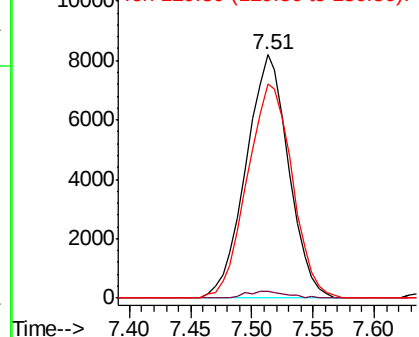
#28

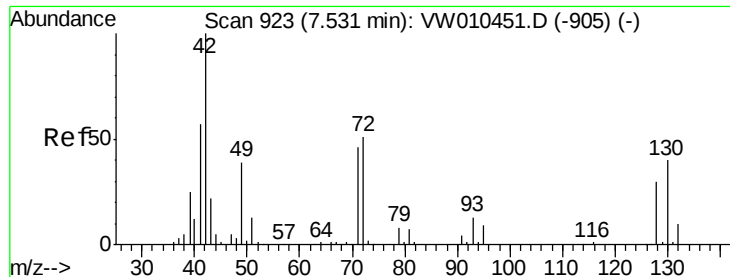
Bromochloromethane
Concen: 21.230 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 49 Resp: 19873
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 92.8 71.2 106.8



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

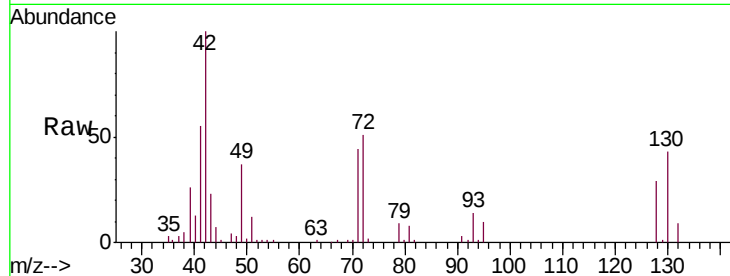




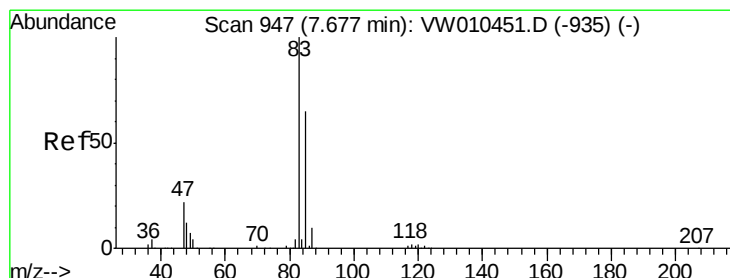
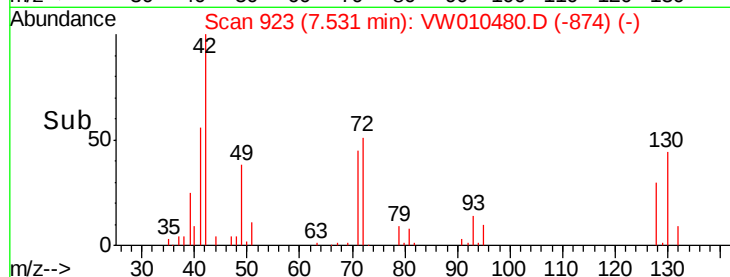
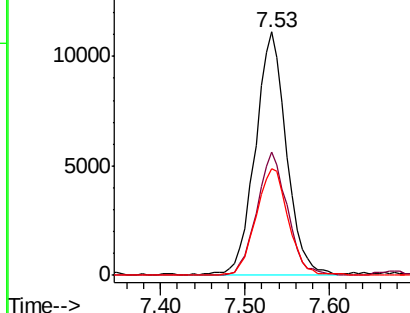
#29
Tetrahydrofuran
Concen: 99.116 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

Tgt Ion: 42 Resp: 28261
Ion Ratio Lower Upper
42 100
72 49.4 38.5 57.7
71 45.4 36.5 54.7

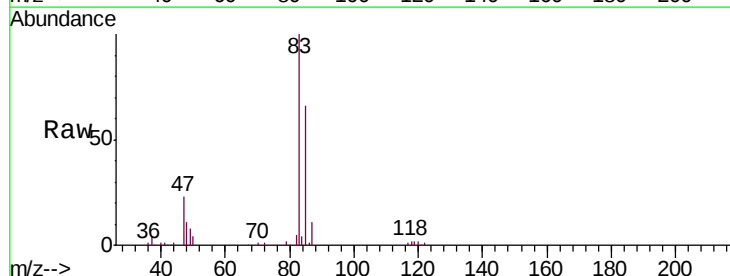


Abundance Ion 42.00 (41.70 to 42.70): VW
15000 Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

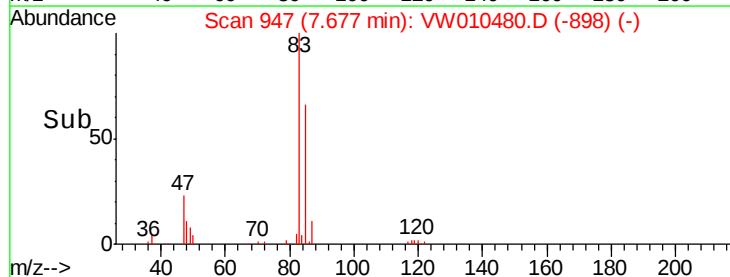
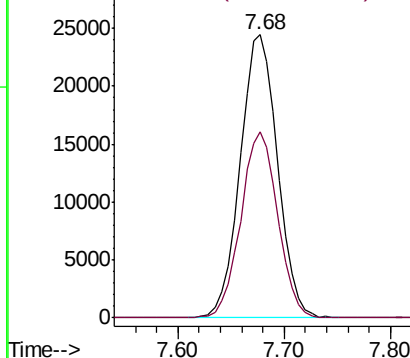


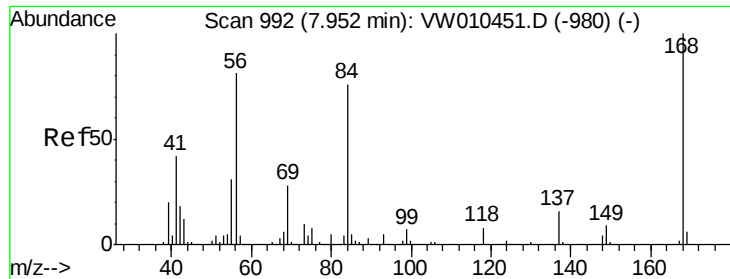
#30
Chloroform
Concen: 21.293 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 83 Resp: 60049
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW
25000 Ion 84.90 (84.60 to 85.60): VW

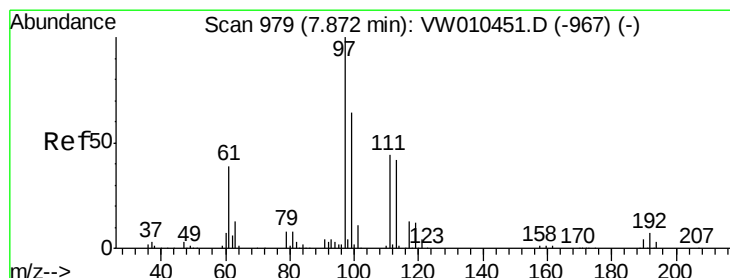
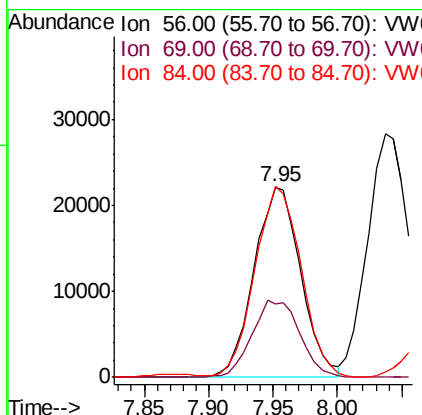
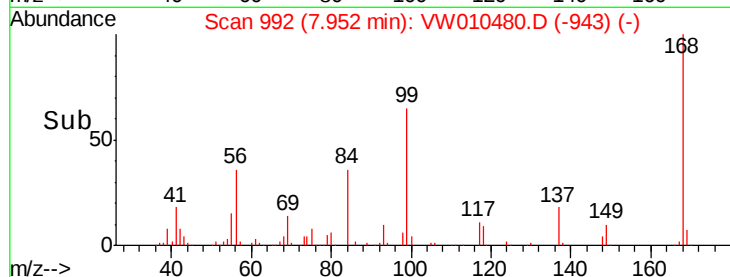
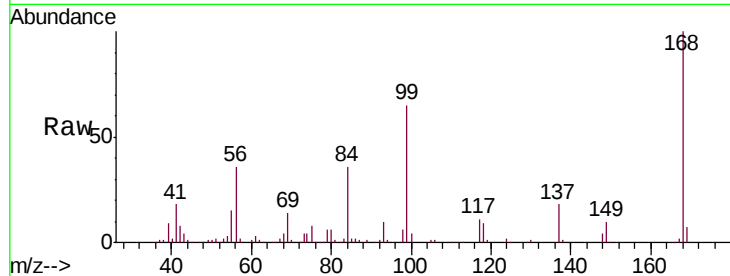




#31
Cyclohexane
Concen: 20.335 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

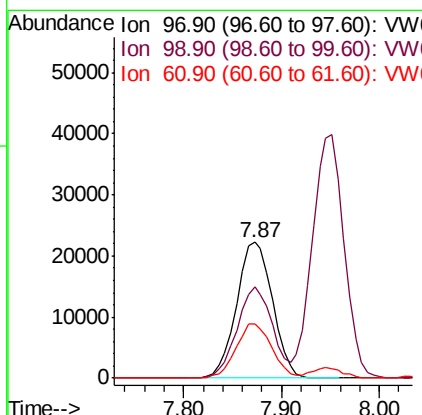
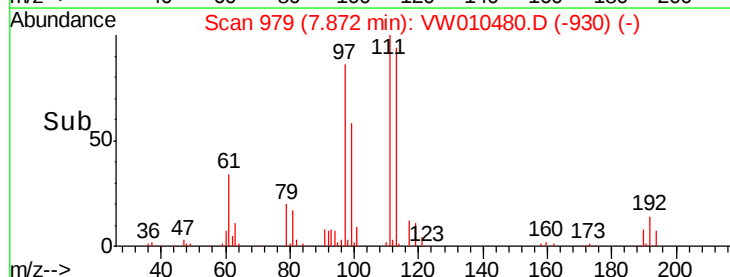
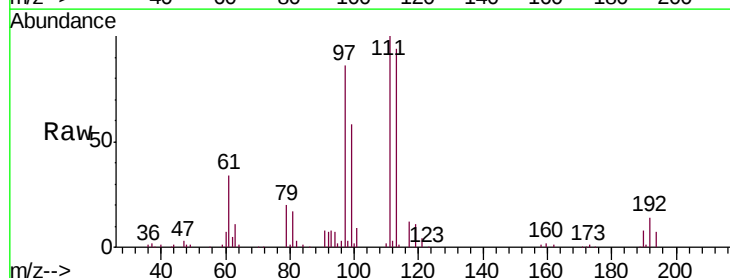
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

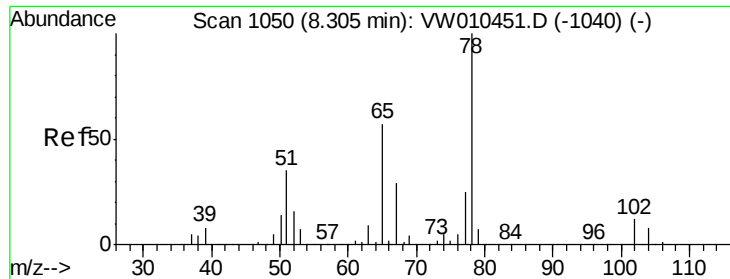
Tgt Ion: 56 Resp: 55691
Ion Ratio Lower Upper
56 100
69 38.9 28.2 42.2
84 99.1 75.8 113.8



#32
1,1,1-Trichloroethane
Concen: 21.038 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 97 Resp: 56707
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 39.9 32.1 48.1

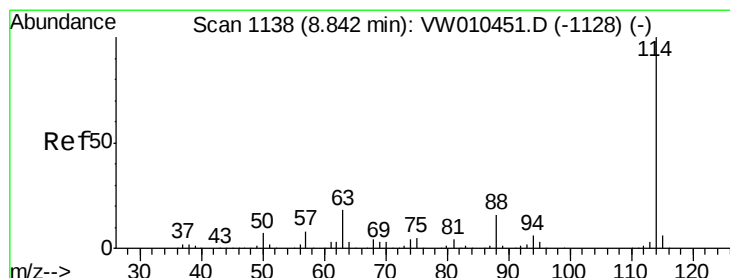
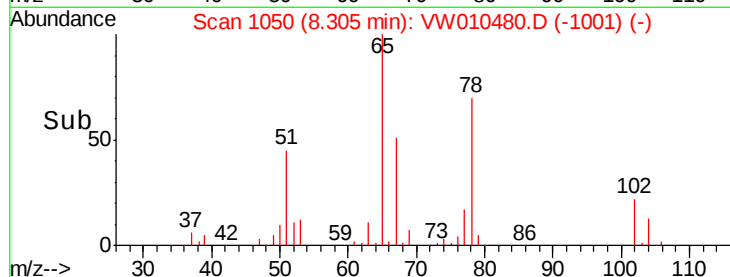
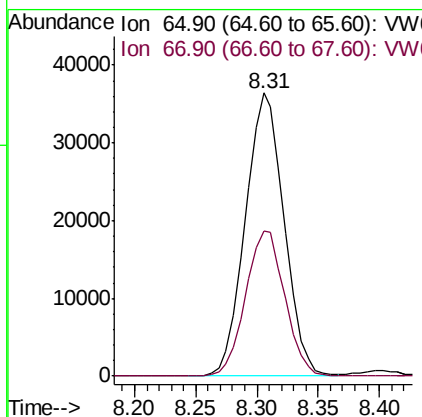
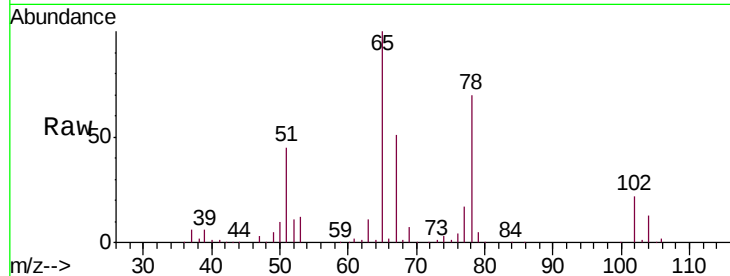




#33
 1,2-Dichloroethane-d4
 Concen: 55.506 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

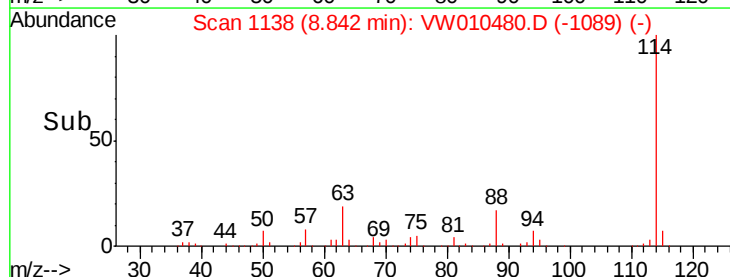
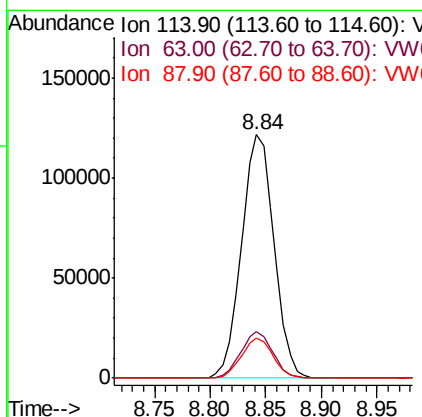
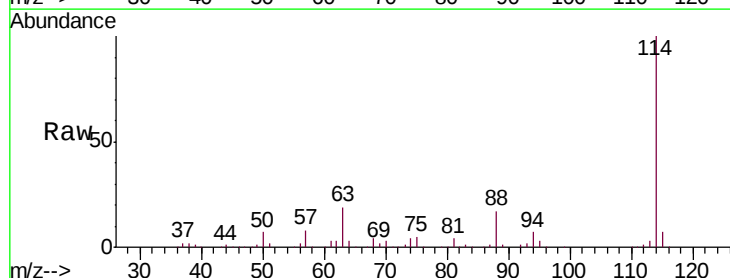
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

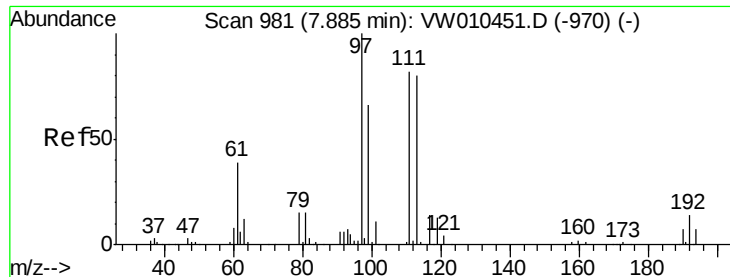
Tgt Ion: 65 Resp: 80066
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 114 Resp: 245881
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 36.0
 88 16.5 0.0 32.0

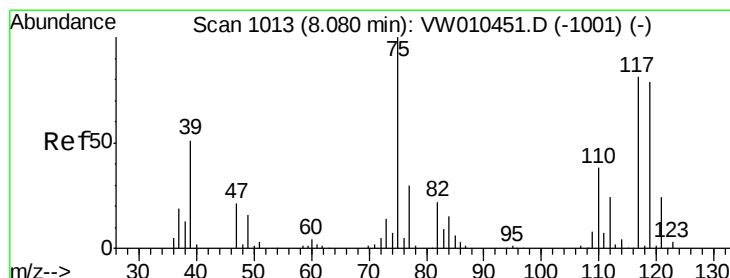
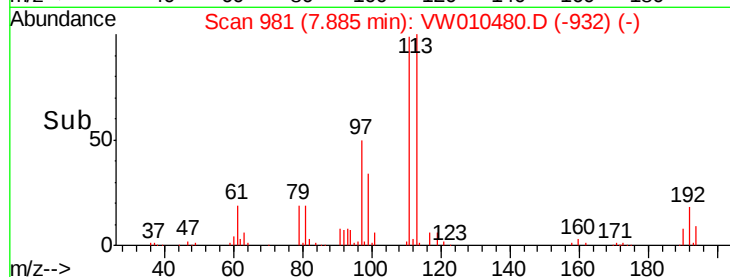
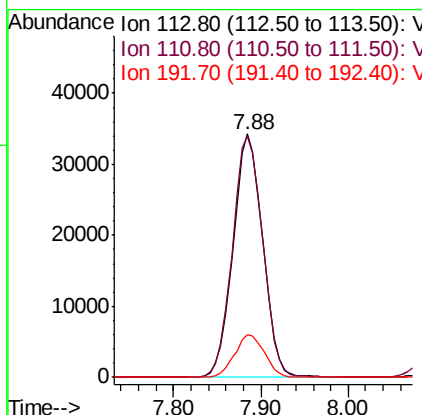
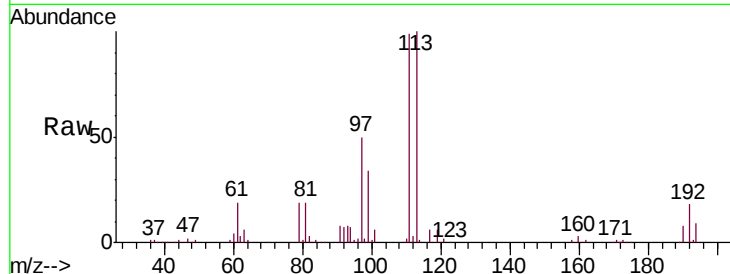




#35
 Dibromofluoromethane
 Concen: 53.993 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

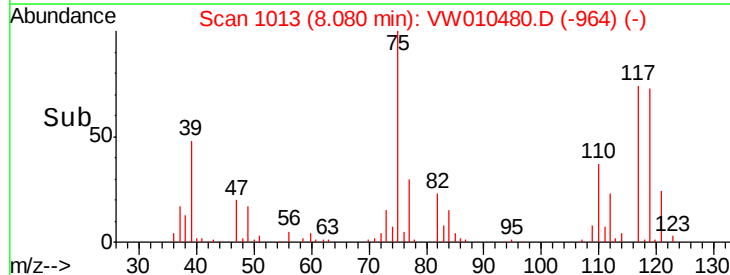
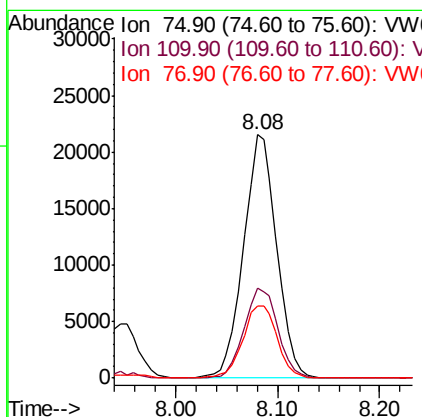
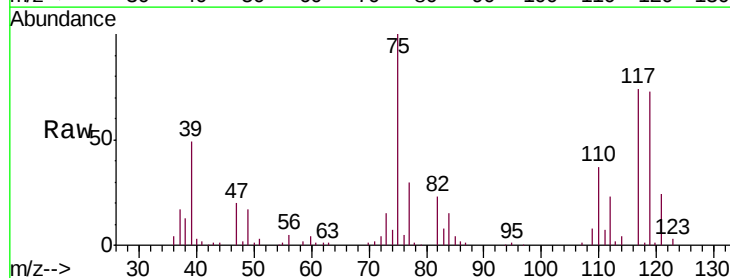
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

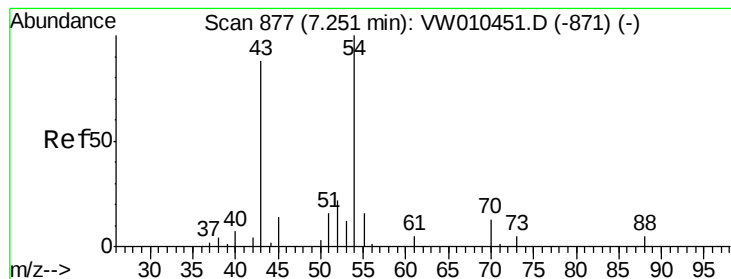
Tgt Ion: 113 Resp: 80555
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 17.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 21.243 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 75 Resp: 48658
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.2 57.6
 77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 20.294 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

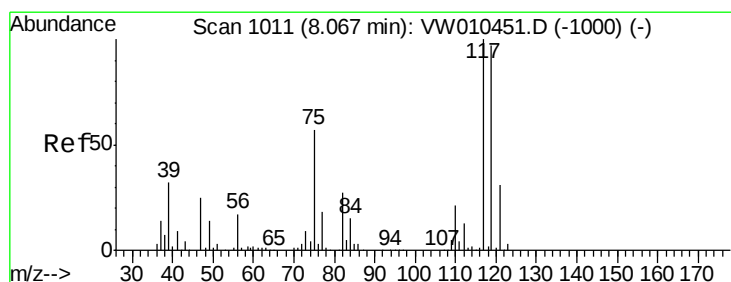
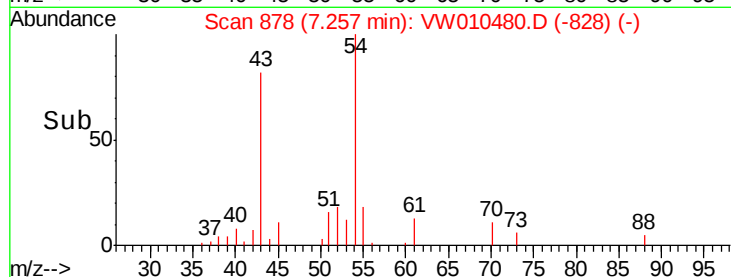
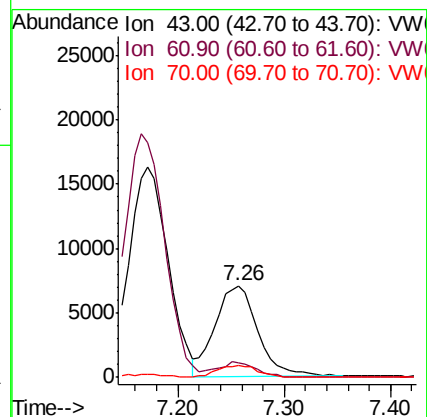
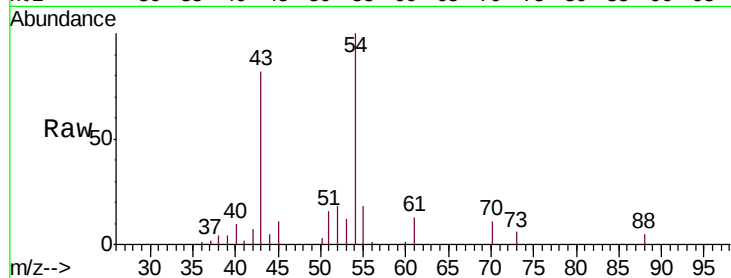
Tgt Ion: 43 Resp: 19767

Ion Ratio Lower Upper

43 100

61 14.8 11.2 16.8

70 12.4 9.9 14.9



#38

Carbon Tetrachloride

Concen: 20.687 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

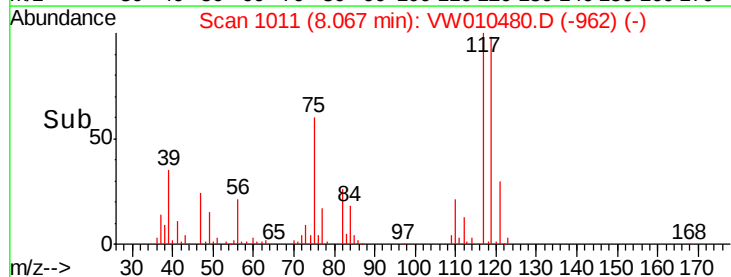
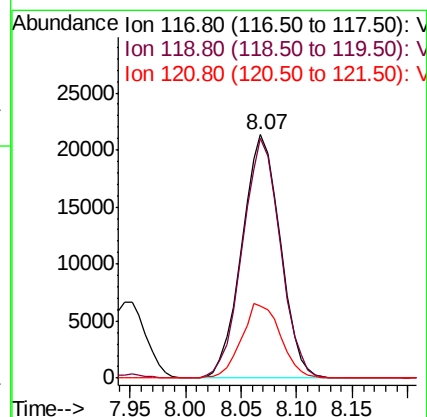
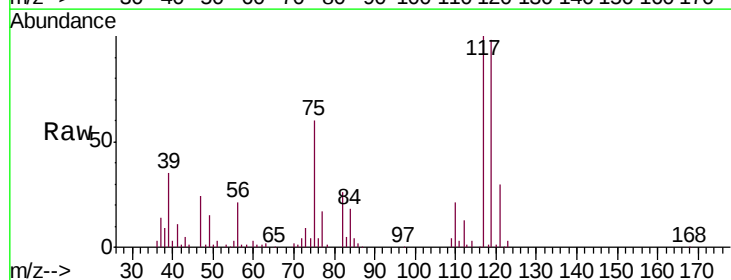
Tgt Ion: 117 Resp: 51115

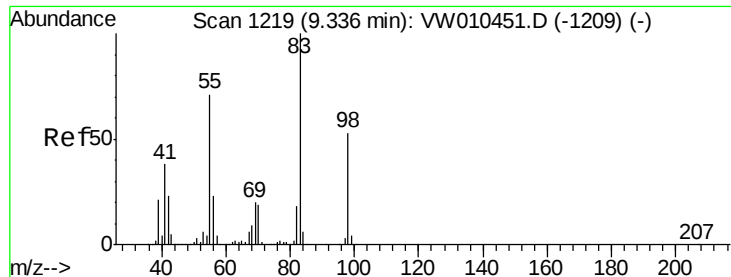
Ion Ratio Lower Upper

117 100

119 98.4 77.4 116.0

121 29.8 25.0 37.6

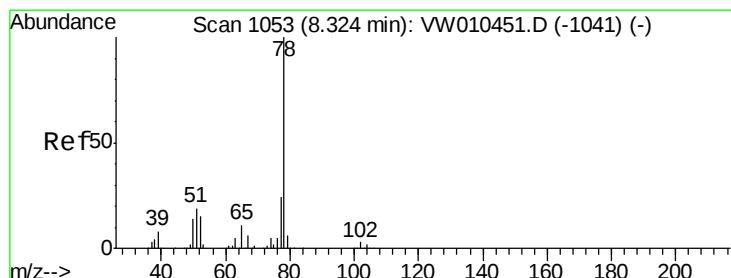
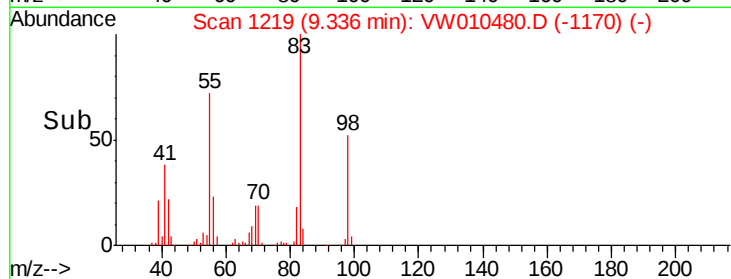
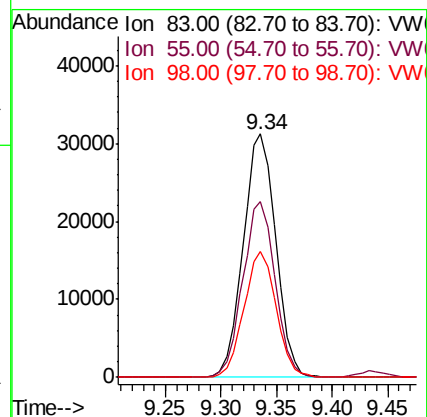
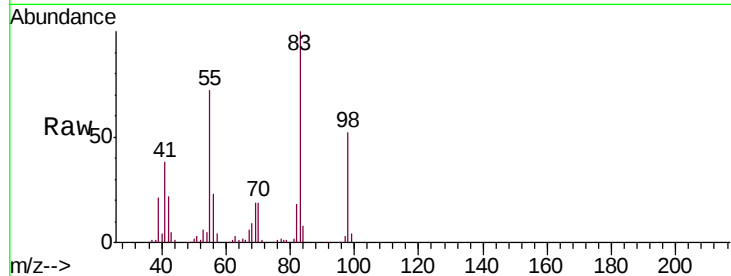




#39
Methylcyclohexane
Concen: 20.657 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

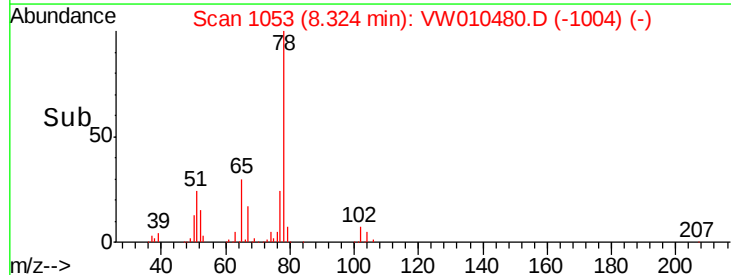
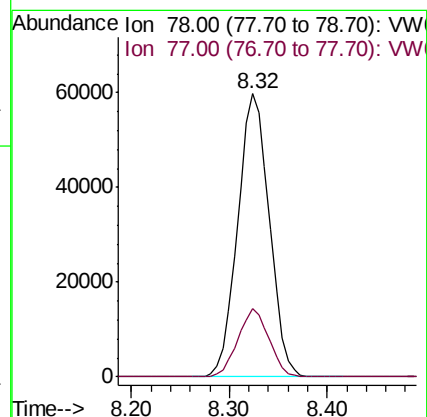
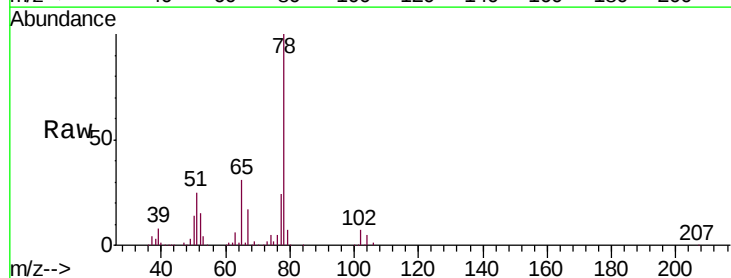
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

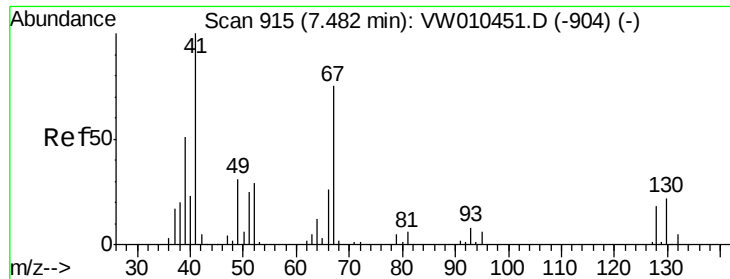
Tgt Ion: 83 Resp: 63392
Ion Ratio Lower Upper
83 100
55 72.0 57.0 85.6
98 51.7 42.0 63.0



#40
Benzene
Concen: 20.989 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 78 Resp: 133626
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

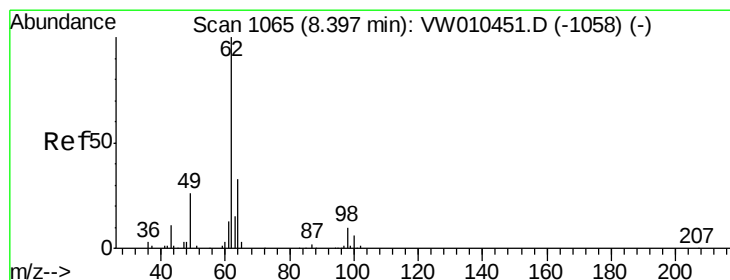
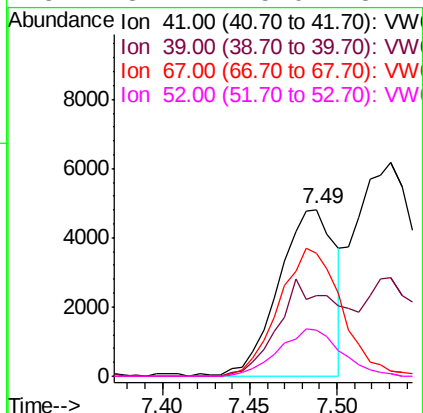
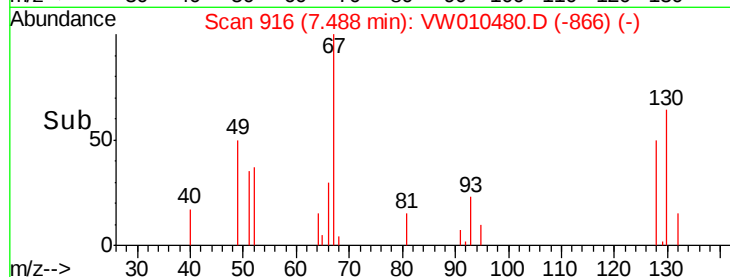
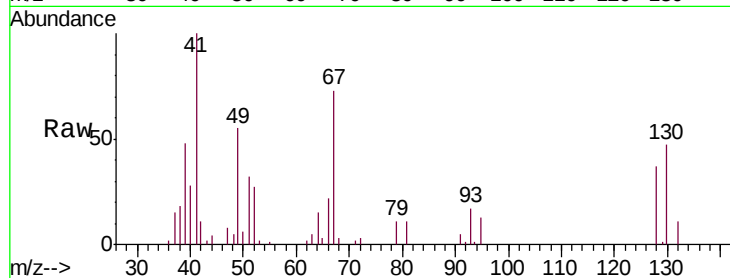




#41
Methacrylonitrile
Concen: 18.863 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

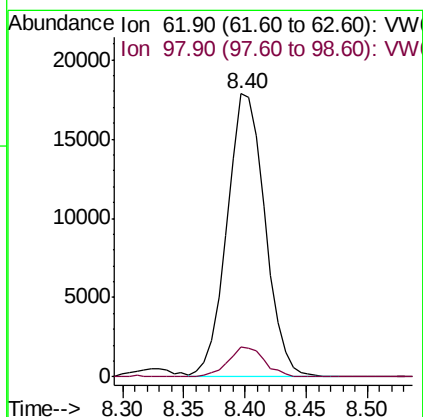
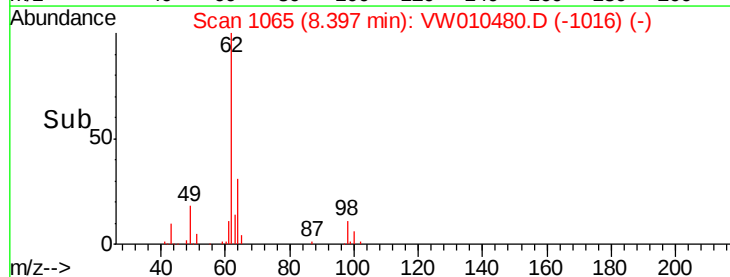
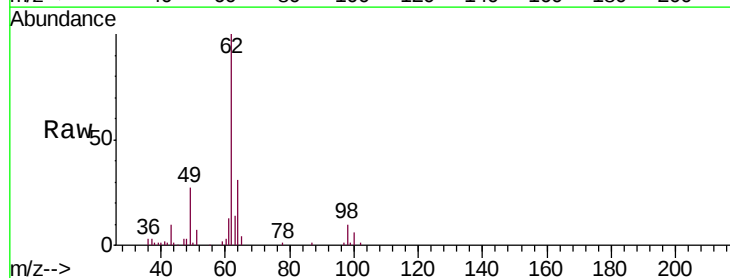
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

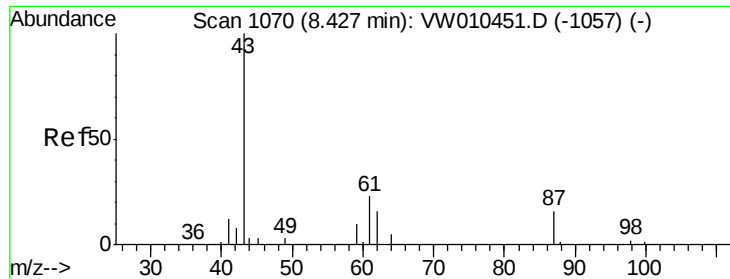
Tgt Ion:	41	Resp:	10917
Ion	Ratio	Lower	Upper
41	100		
39	66.7	47.4	71.2
67	85.0	65.5	98.3
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.153 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion:	62	Resp:	38490
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

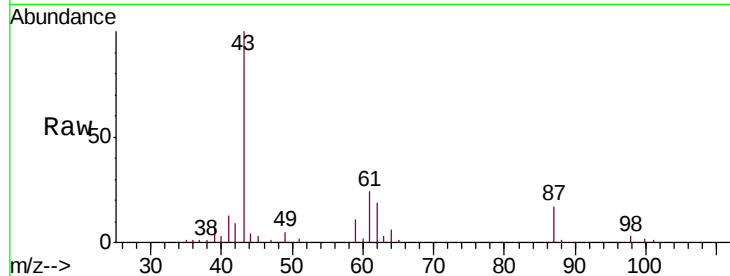
Tgt Ion: 43 Resp: 38491

Ion Ratio Lower Upper

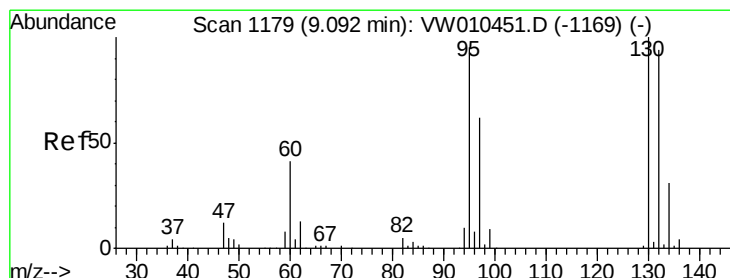
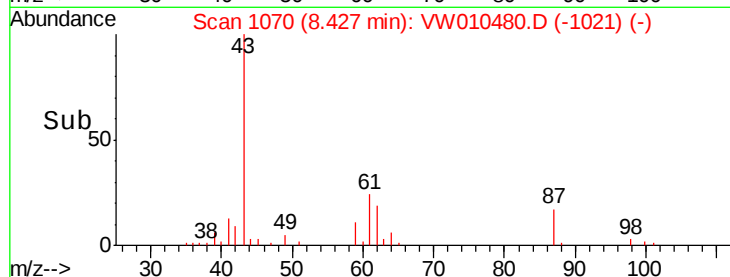
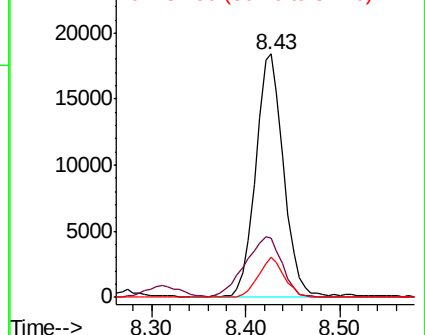
43 100

61 32.6 25.4 38.2

87 15.3 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.847 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010480.D

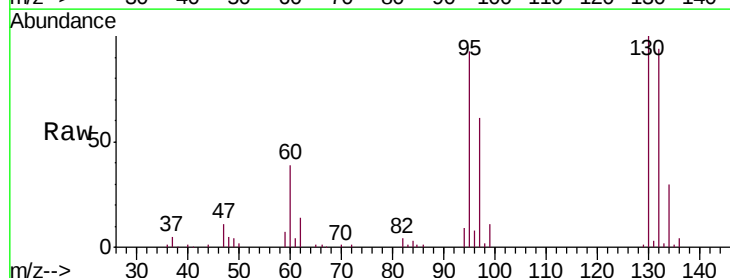
Acq: 21 May 2019 11:59

Tgt Ion: 130 Resp: 39402

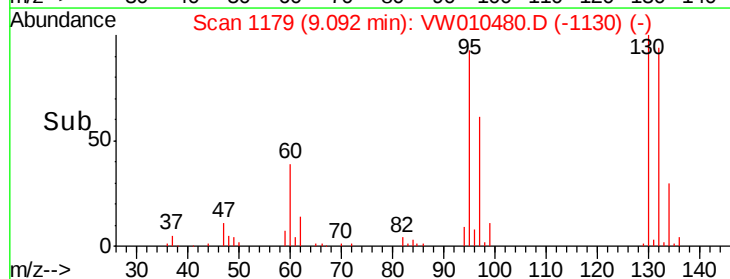
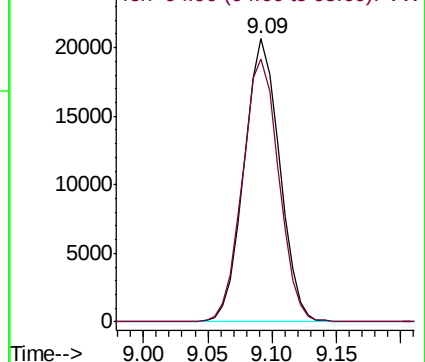
Ion Ratio Lower Upper

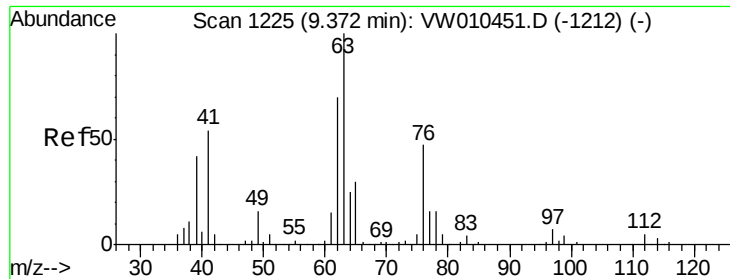
130 100

95 92.7 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

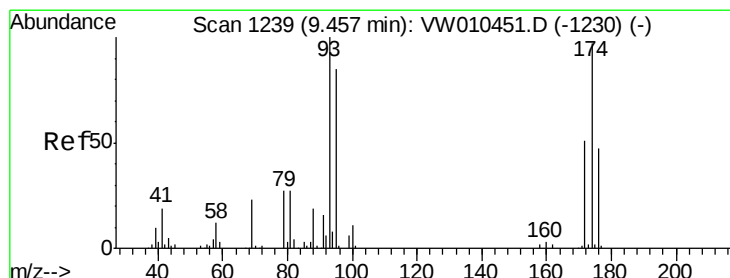
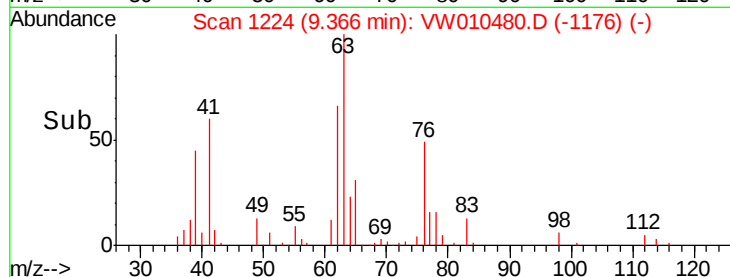
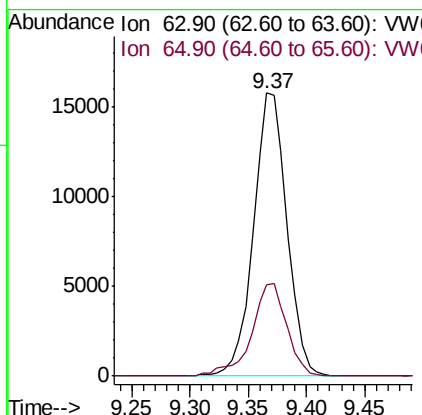
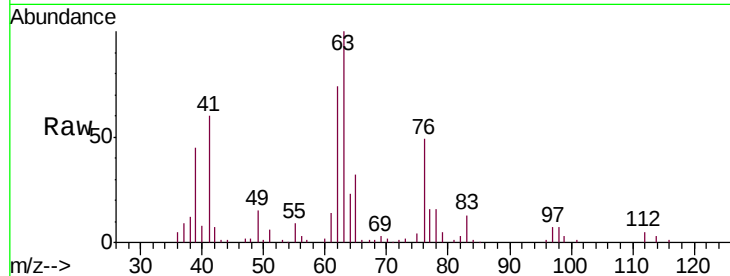




#45
 1,2-Dichloropropane
 Concen: 20.854 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

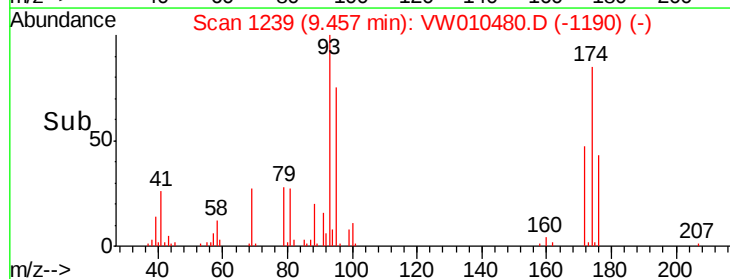
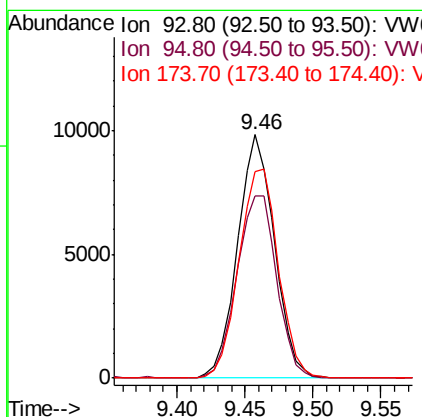
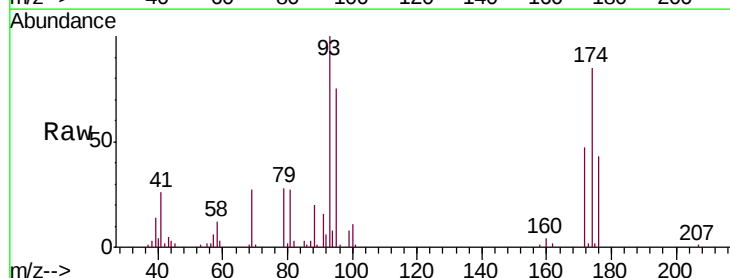
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

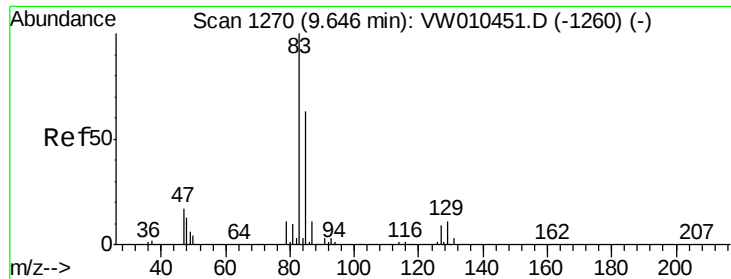
Tgt Ion: 63 Resp: 31531
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.3 36.5



#46
 Dibromomethane
 Concen: 21.046 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 93 Resp: 18610
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.1 99.1
 174 92.0 77.1 115.7

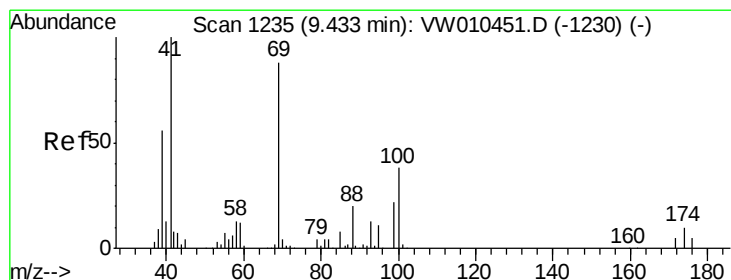
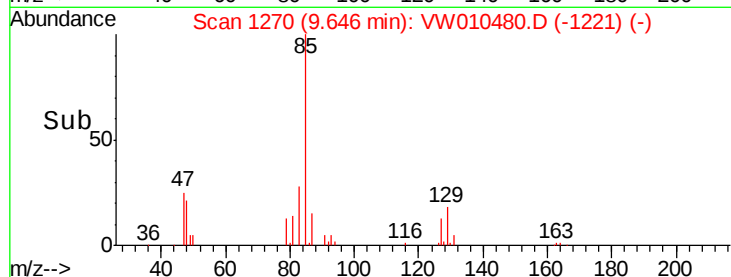
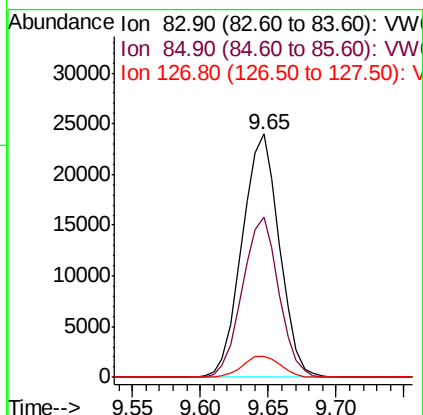
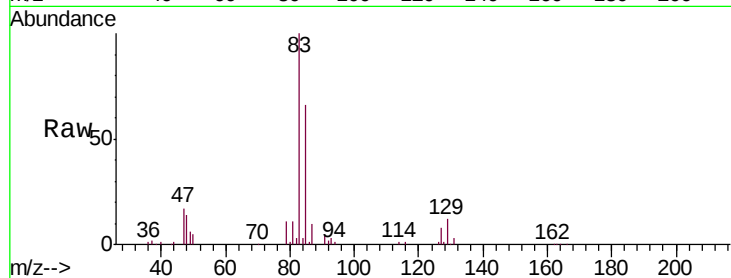




#47
 Bromodichloromethane
 Concen: 20.648 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

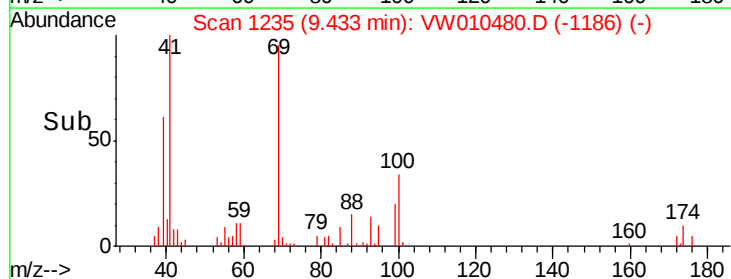
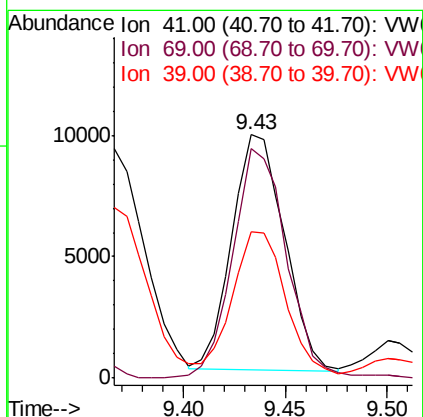
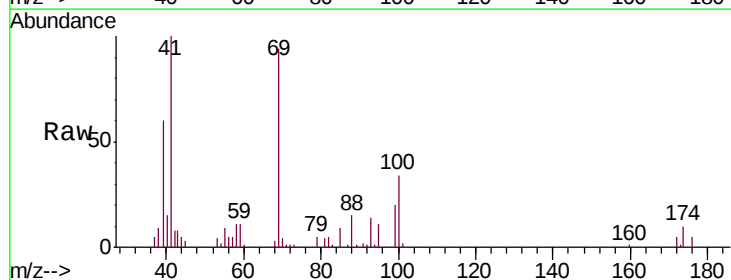
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

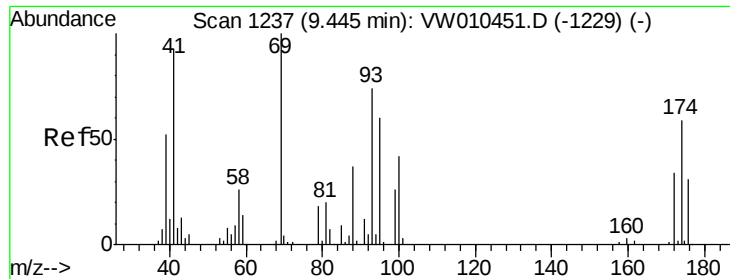
Tgt Ion: 83 Resp: 45881
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.4 75.6
 127 8.4 7.4 11.0



#48
 Methyl methacrylate
 Concen: 19.520 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 41 Resp: 17377
 Ion Ratio Lower Upper
 41 100
 69 100.4 77.6 116.4
 39 64.0 49.8 74.8

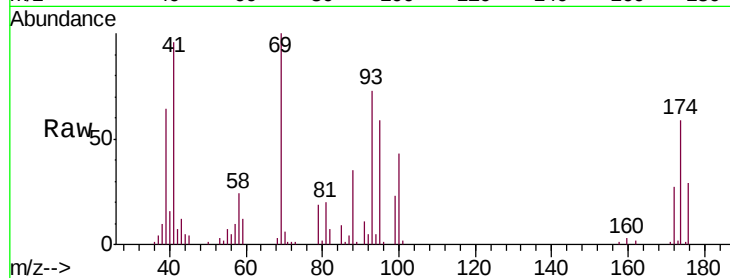




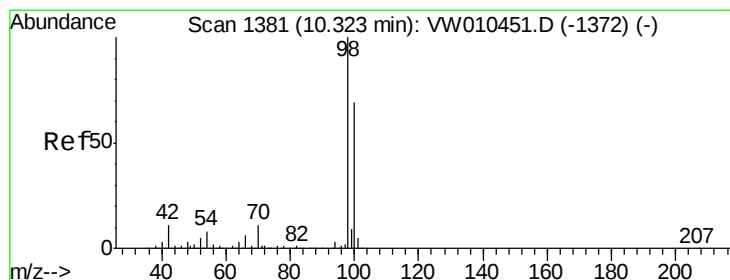
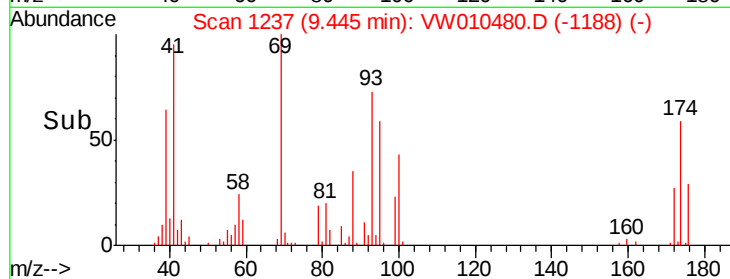
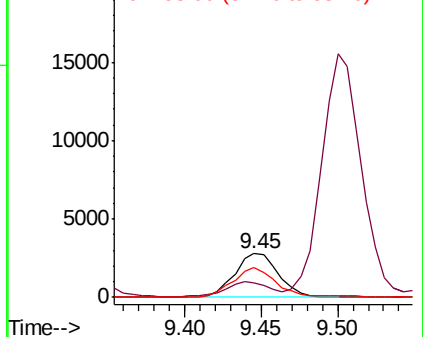
#49
1,4-Dioxane
Concen: 383.325 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

Tgt Ion: 88 Resp: 5537
Ion Ratio Lower Upper
88 100
43 35.9 25.9 38.9
58 65.8 52.7 79.1

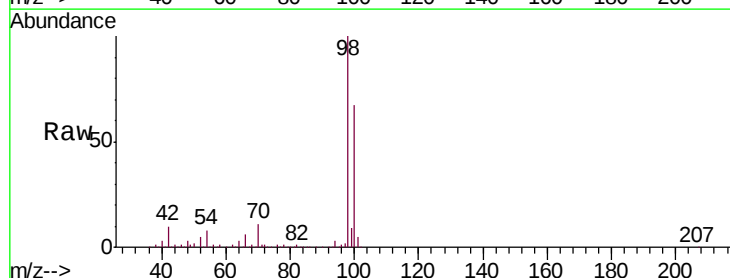


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

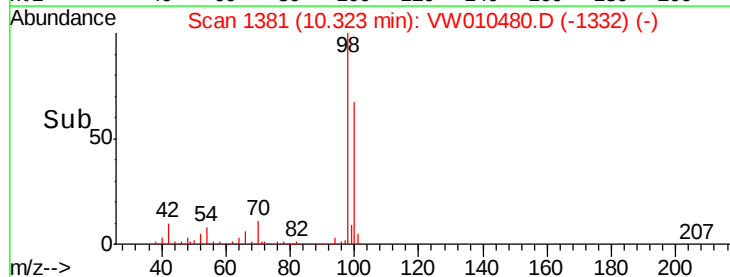
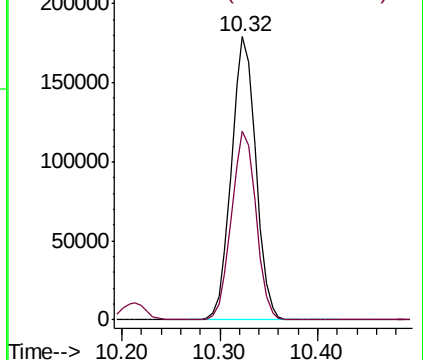


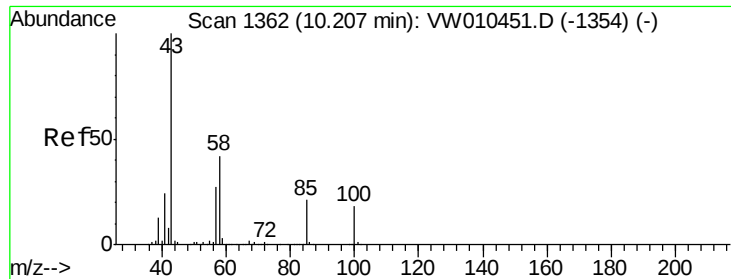
#50
Toluene-d8
Concen: 54.414 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 98 Resp: 310138
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 99.448 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampled :

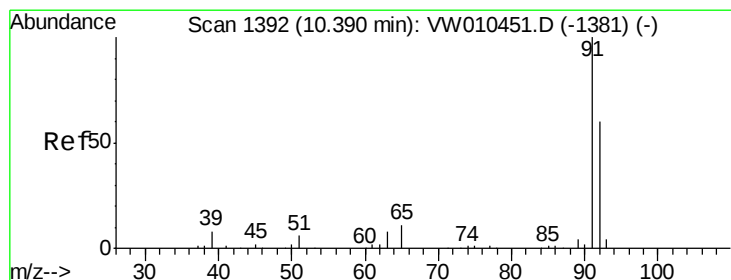
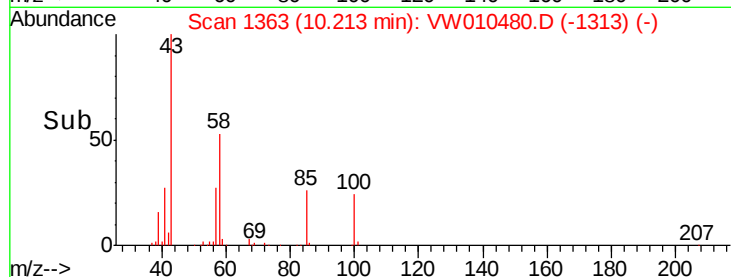
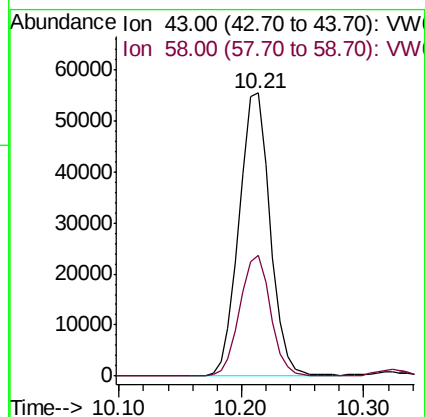
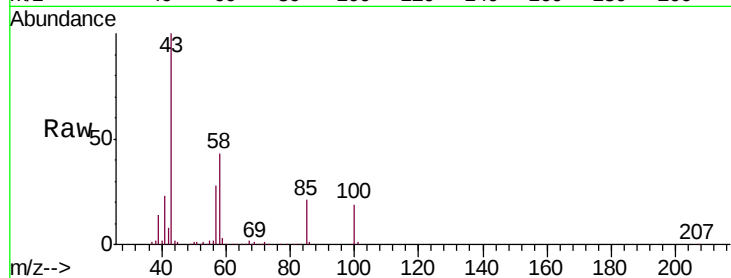
VW0521SBS01

Tgt Ion: 43 Resp: 98059

Ion Ratio Lower Upper

43 100

58 42.5 33.2 49.8



#52

Toluene

Concen: 21.319 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010480.D

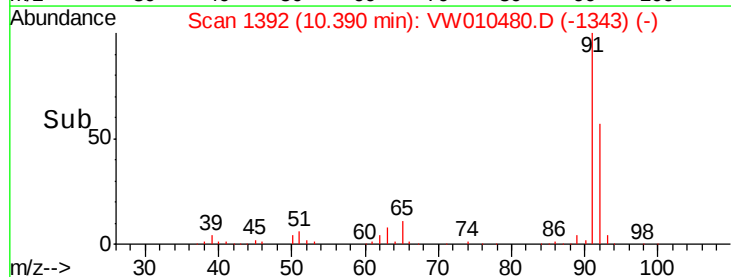
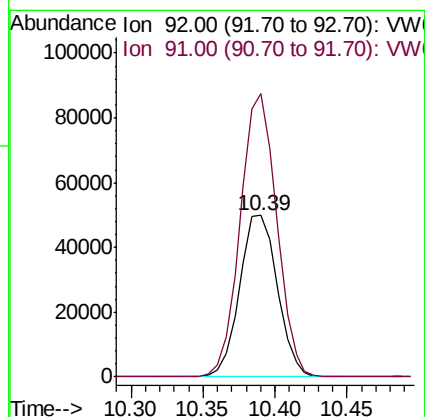
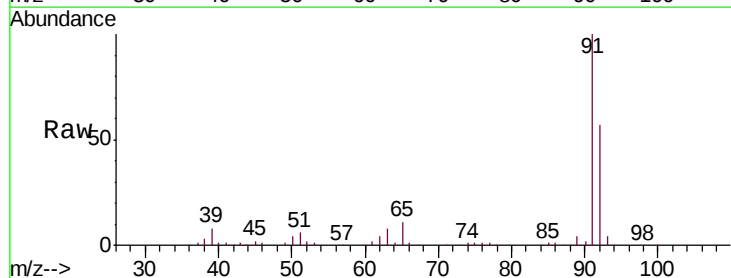
Acq: 21 May 2019 11:59

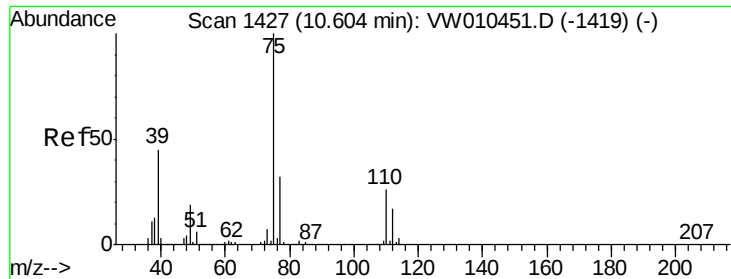
Tgt Ion: 92 Resp: 91150

Ion Ratio Lower Upper

92 100

91 168.7 135.4 203.0

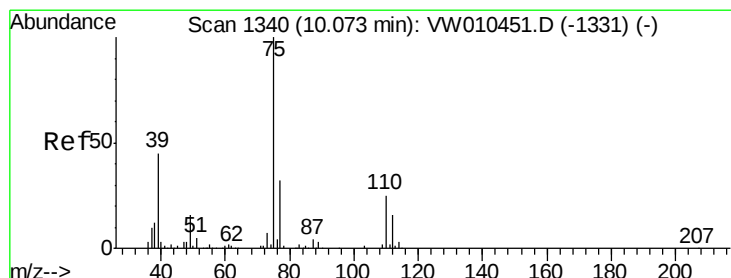
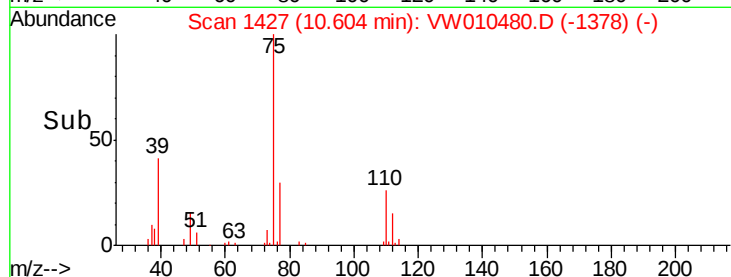
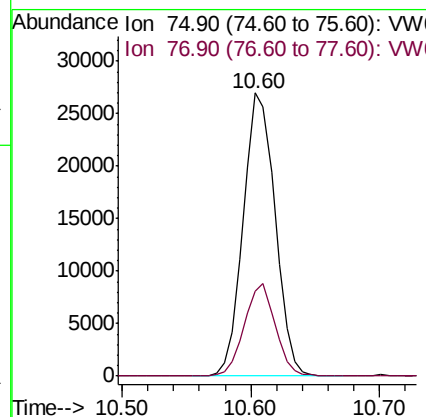
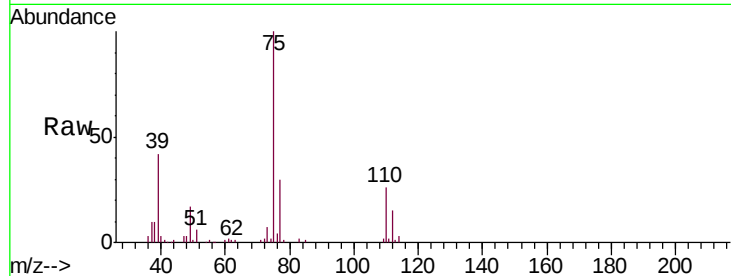




#53
 t-1,3-Dichloropropene
 Concen: 20.548 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

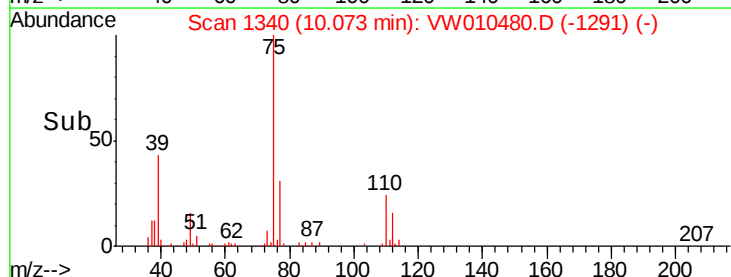
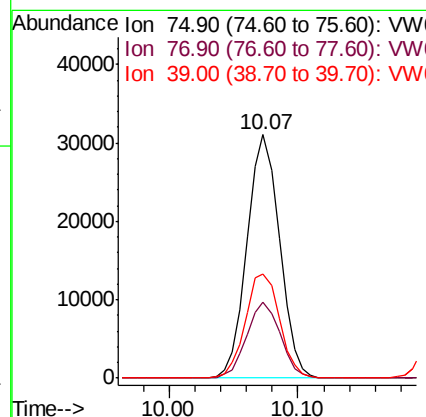
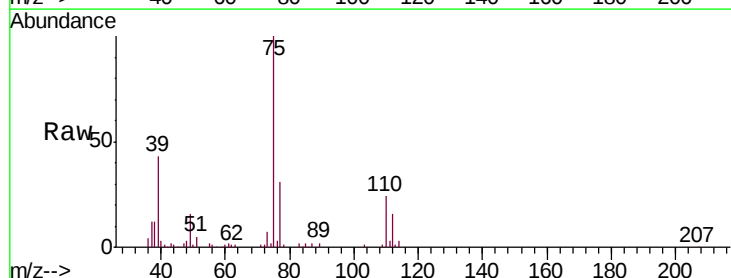
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

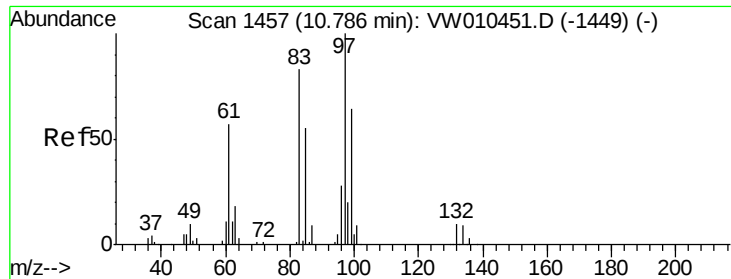
Tgt Ion: 75 Resp: 46243
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.136 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 75 Resp: 54324
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 42.9 36.2 54.4

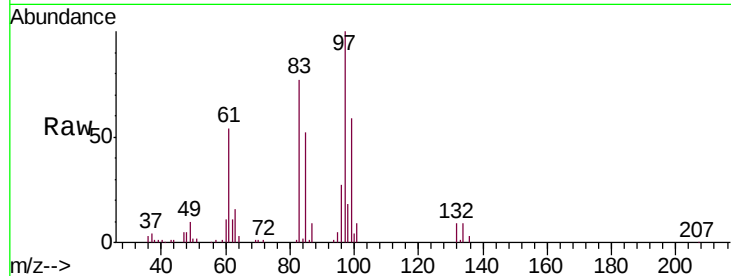




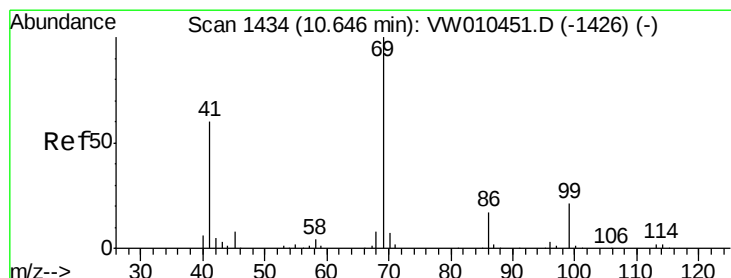
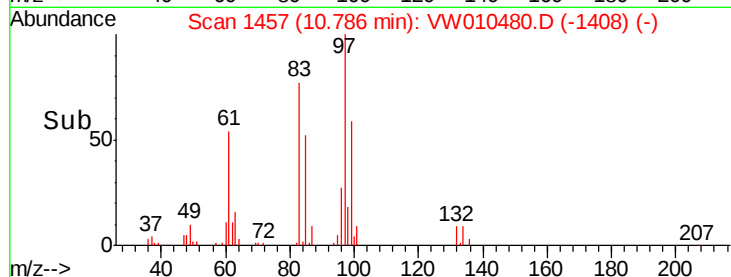
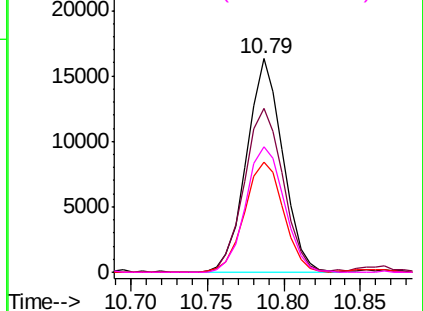
#55
 1,1,2-Trichloroethane
 Concen: 21.139 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

Tgt Ion:	97	Resp:	26879
Ion	Ratio	Lower	Upper
97	100		
83	76.8	66.1	99.1
85	51.7	44.2	66.4
99	58.8	51.1	76.7

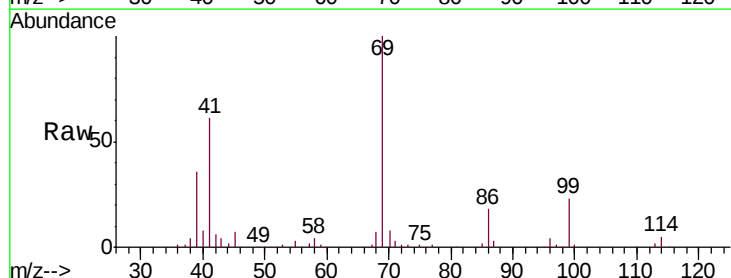


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

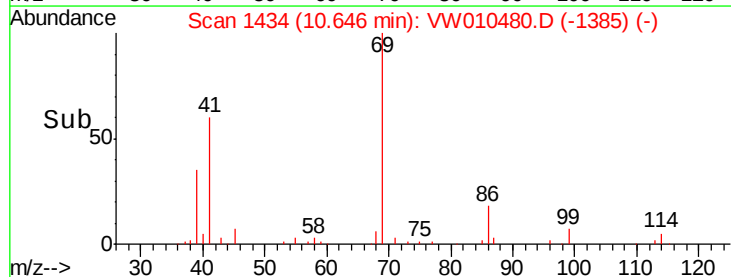
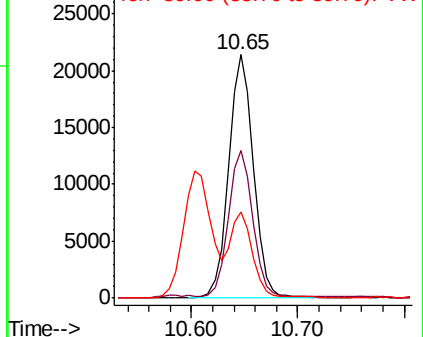


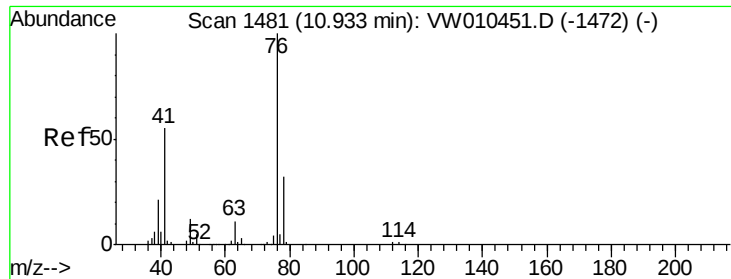
#56
 Ethyl methacrylate
 Concen: 19.908 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion:	69	Resp:	34912
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.7	71.5
39	32.4	25.3	37.9



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

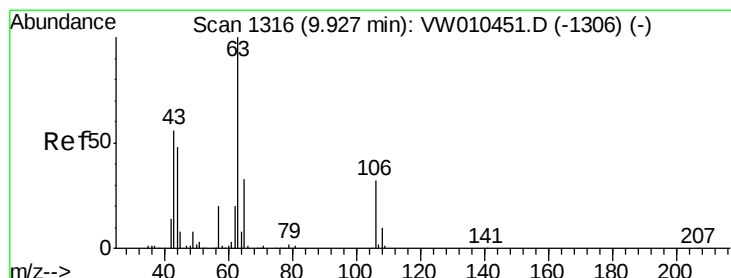
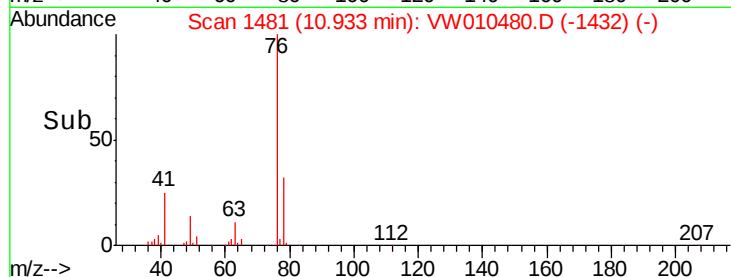
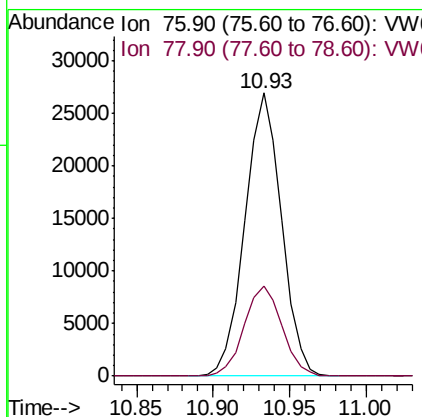
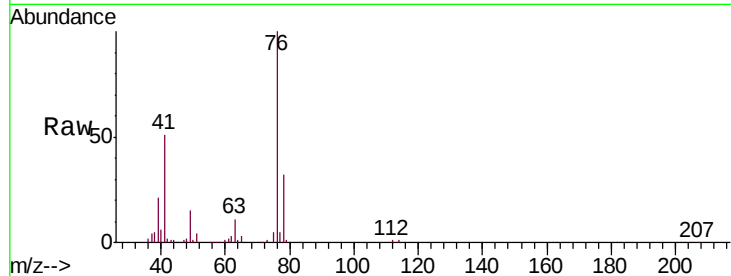




#57
 1,3-Dichloropropane
 Concen: 21.003 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

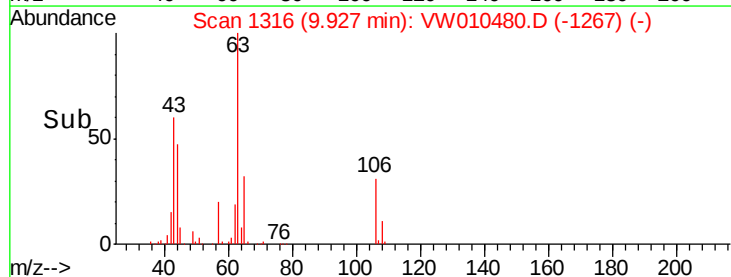
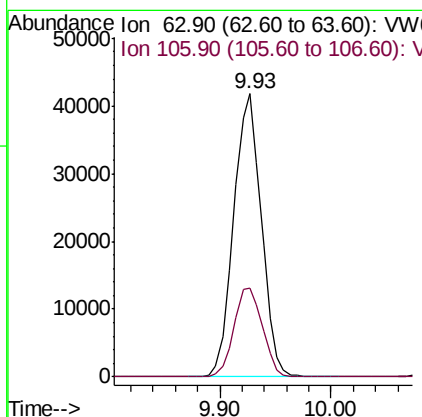
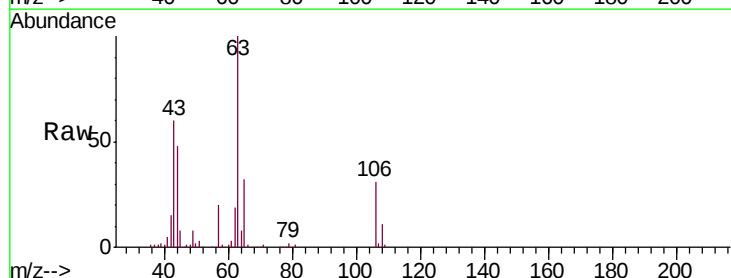
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

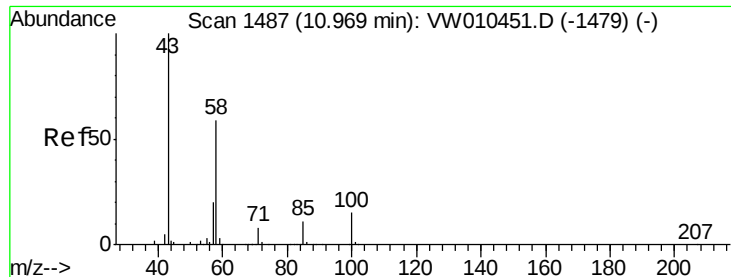
Tgt Ion: 76 Resp: 44736
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.729 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 63 Resp: 72028
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.8 38.6

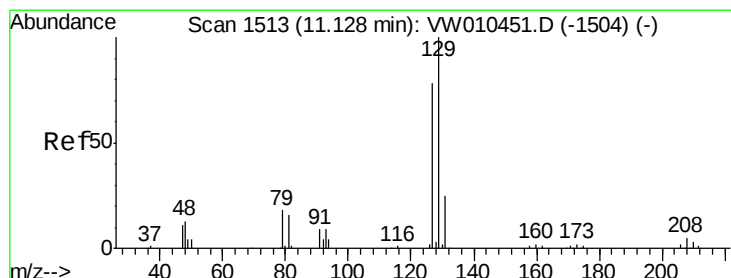
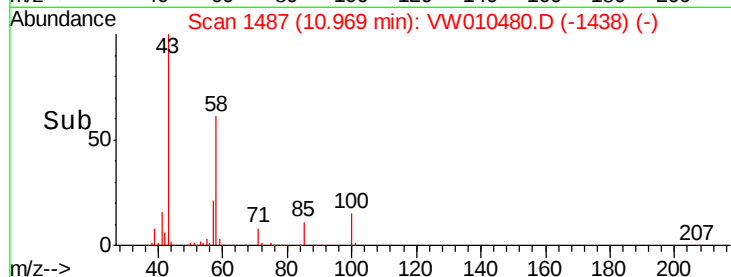
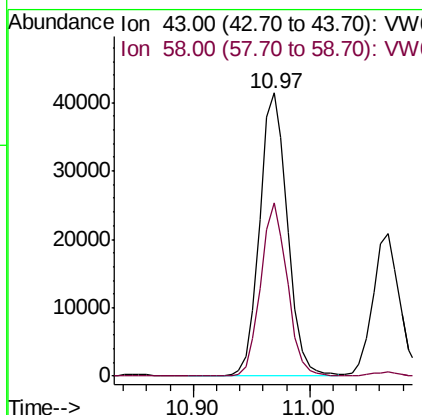
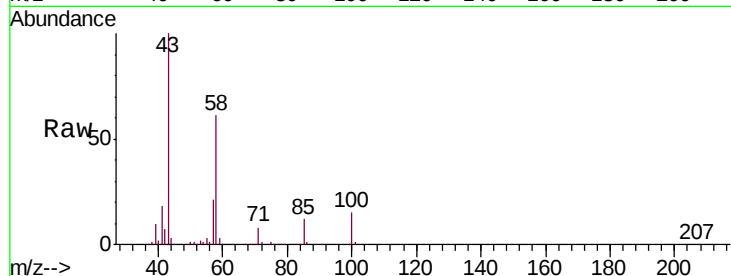




#59
2-Hexanone
Concen: 98.202 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

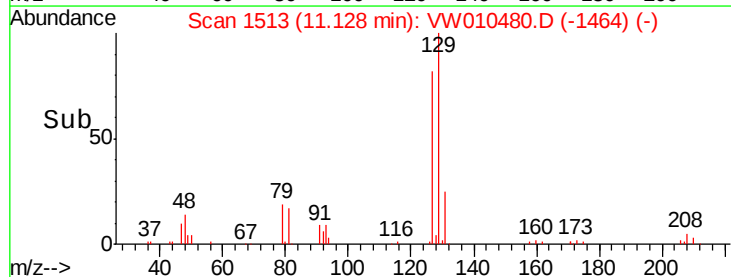
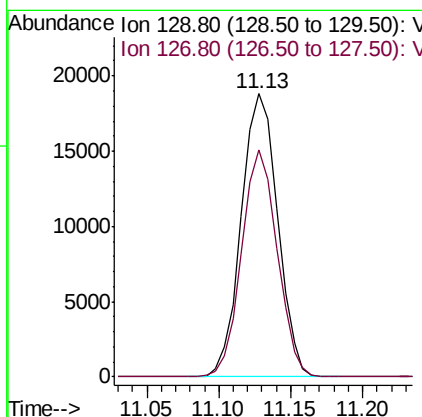
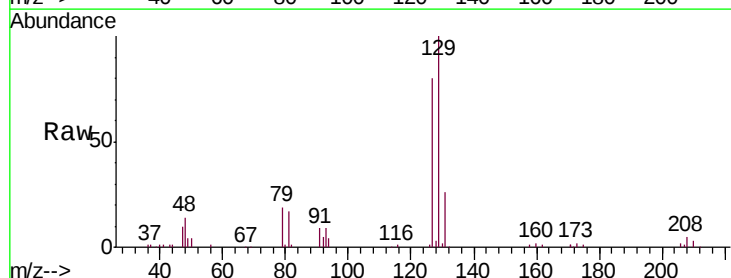
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

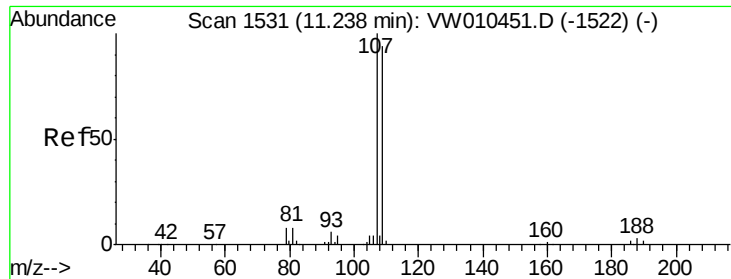
Tgt Ion: 43 Resp: 69074
Ion Ratio Lower Upper
43 100
58 58.5 28.9 86.8



#60
Dibromochloromethane
Concen: 20.493 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 129 Resp: 32979
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.859 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

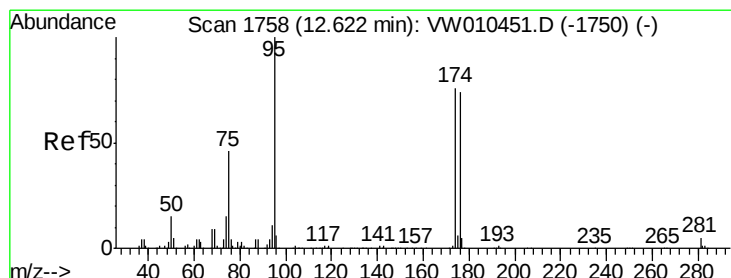
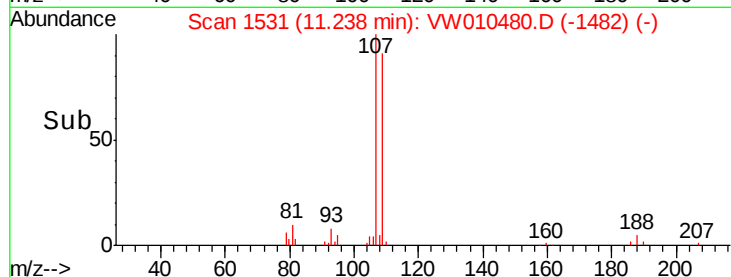
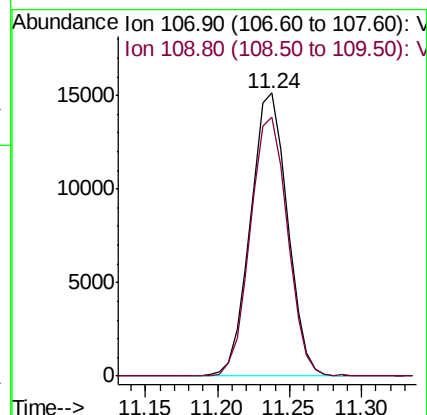
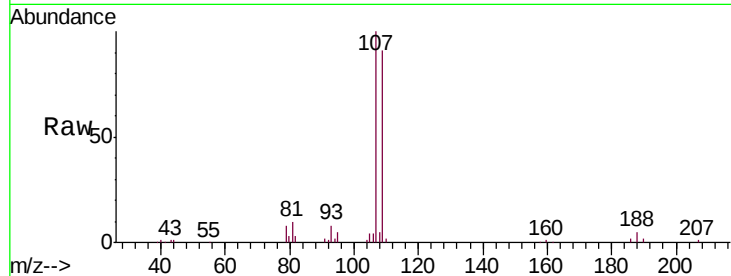
VW0521SBS01

Tgt Ion: 107 Resp: 26868

Ion Ratio Lower Upper

107 100

109 92.1 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 52.814 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

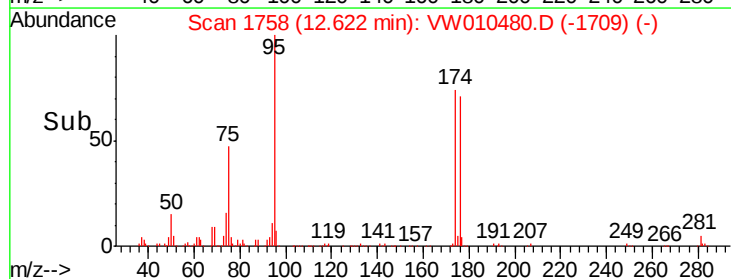
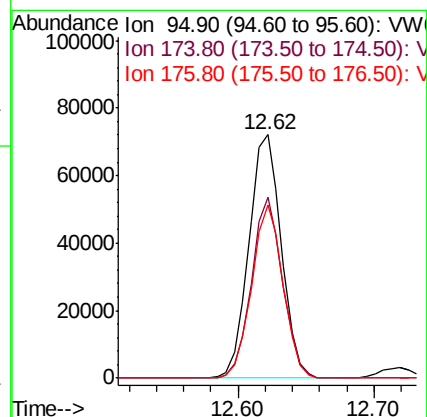
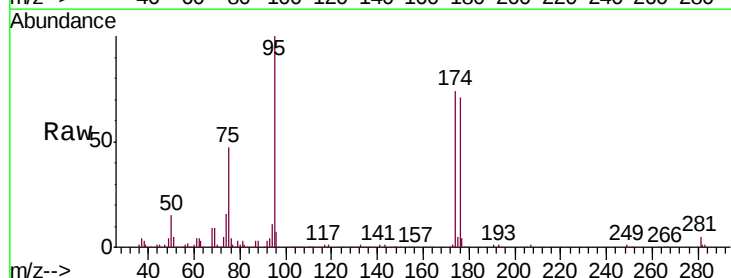
Tgt Ion: 95 Resp: 119901

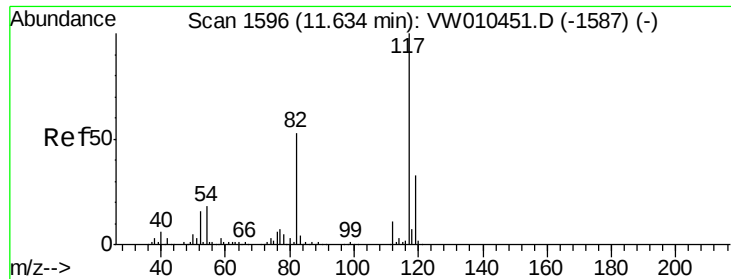
Ion Ratio Lower Upper

95 100

174 71.0 0.0 148.6

176 68.8 0.0 144.2

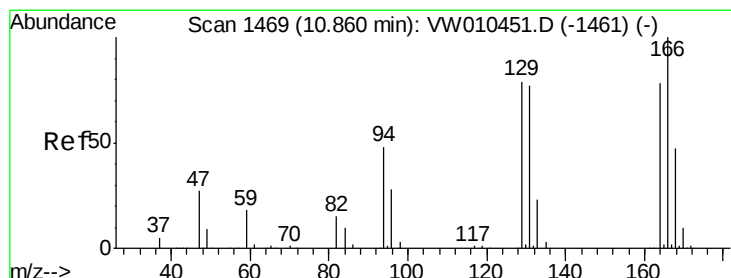
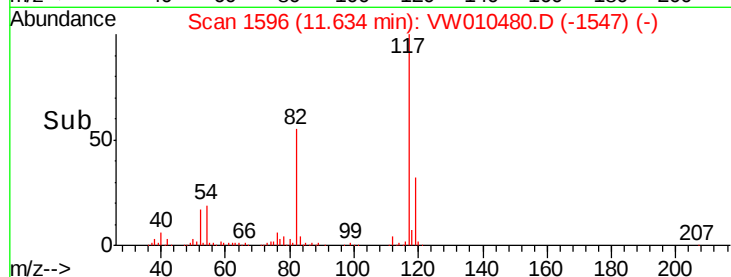
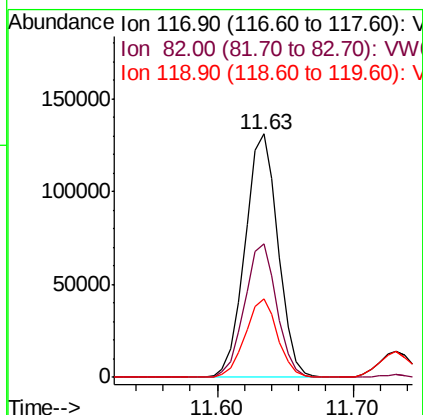
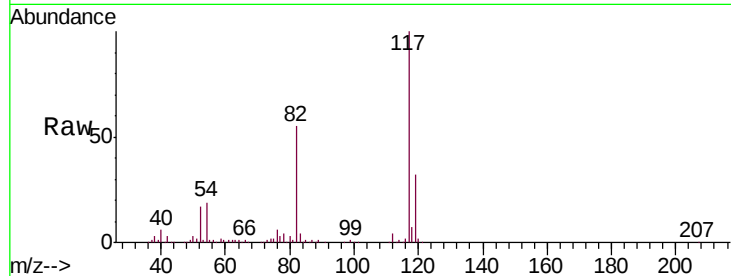




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

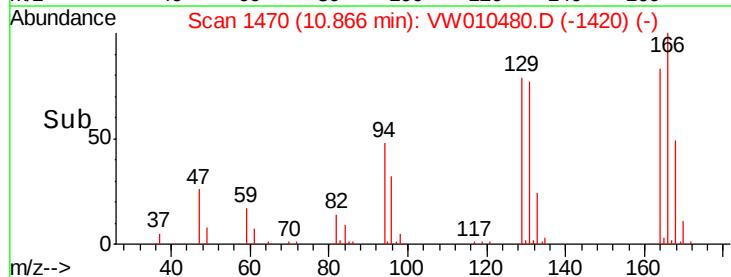
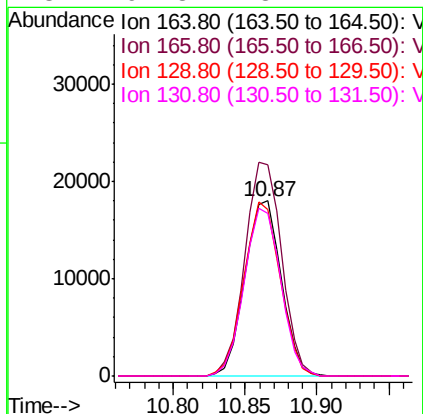
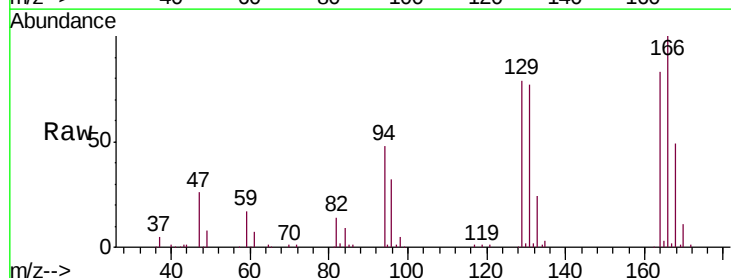
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

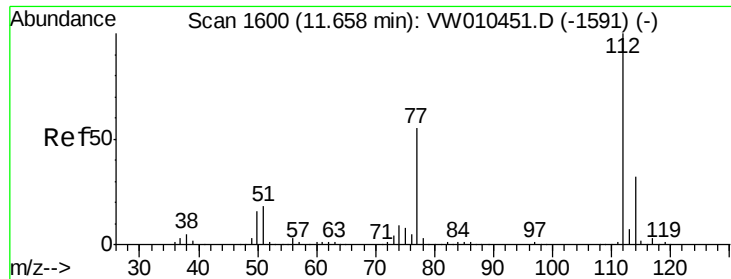
Tgt Ion:117 Resp: 221826
Ion Ratio Lower Upper
117 100
82 55.0 42.8 64.2
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 20.324 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion:164 Resp: 31428
Ion Ratio Lower Upper
164 100
166 120.8 101.9 152.9
129 94.9 80.6 121.0
131 92.8 78.2 117.2

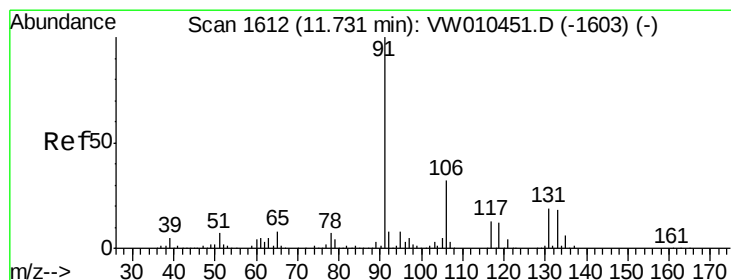
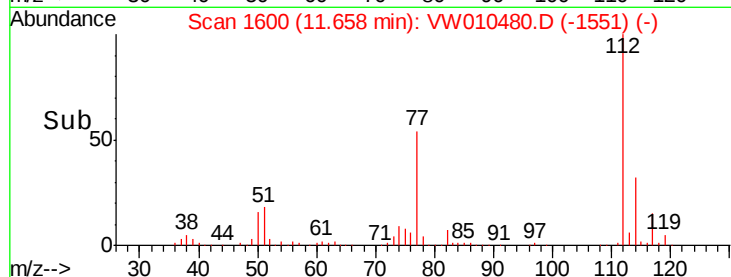
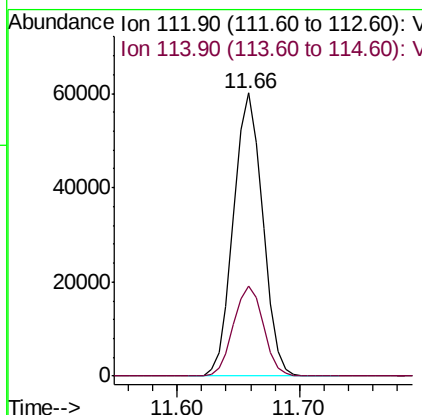
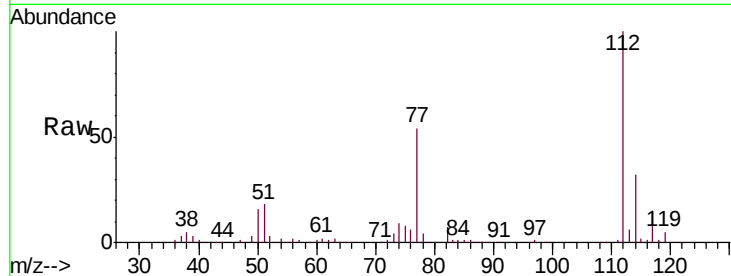




#65
Chlorobenzene
Concen: 21.020 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

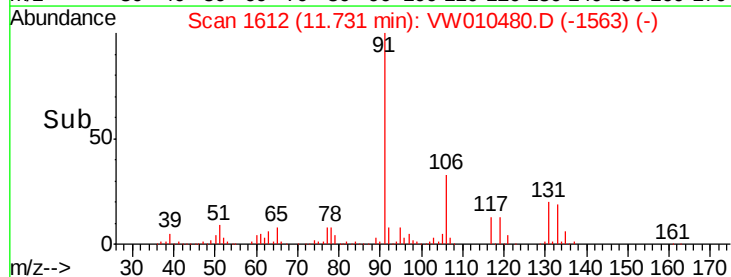
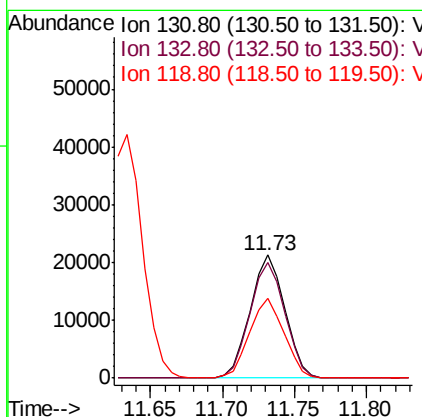
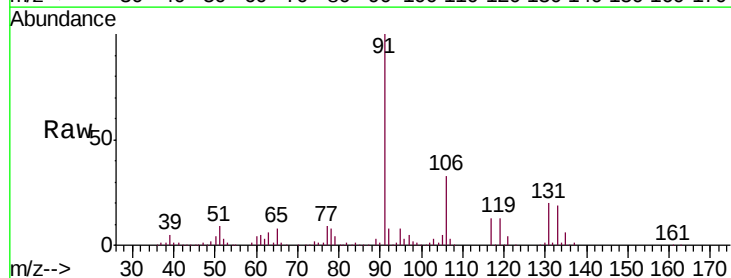
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

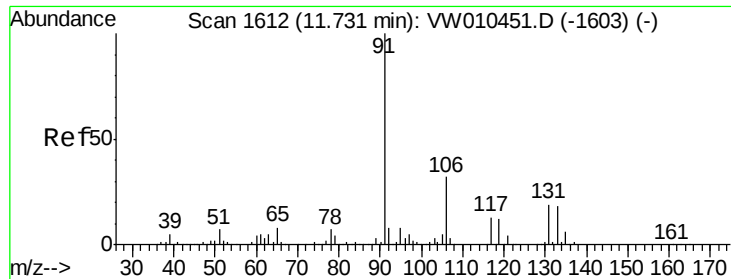
Tgt Ion:112 Resp: 99376
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.878 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion:131 Resp: 35358
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 65.0 32.1 96.5

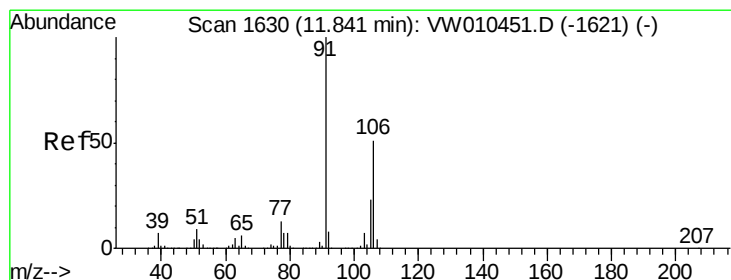
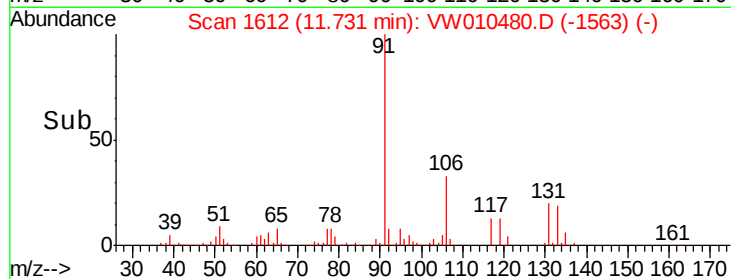
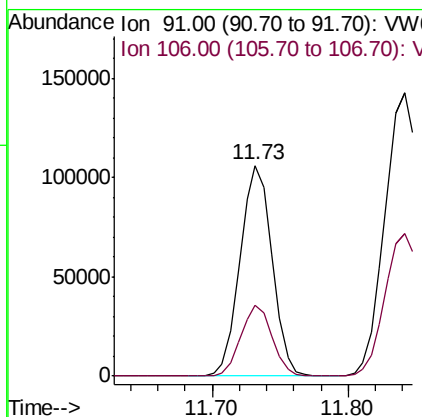
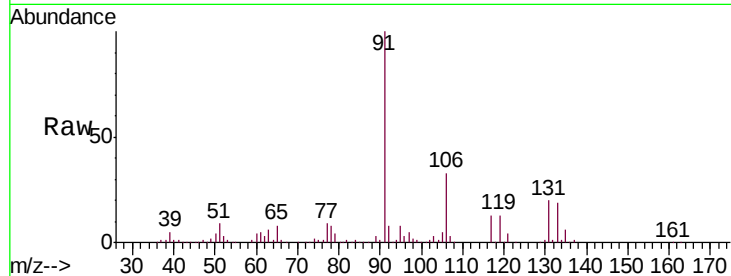




#67
Ethyl Benzene
Concen: 20.934 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

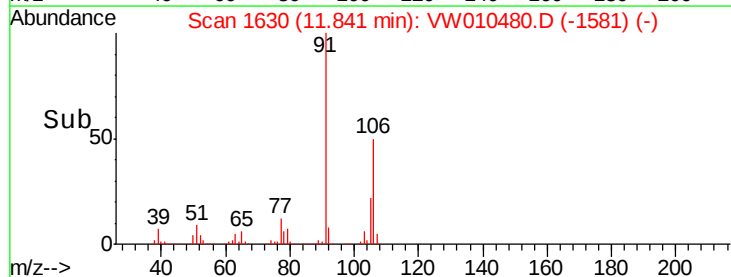
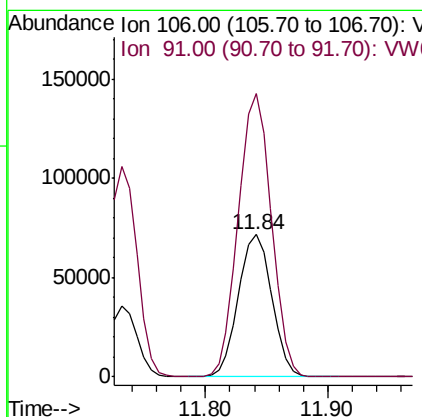
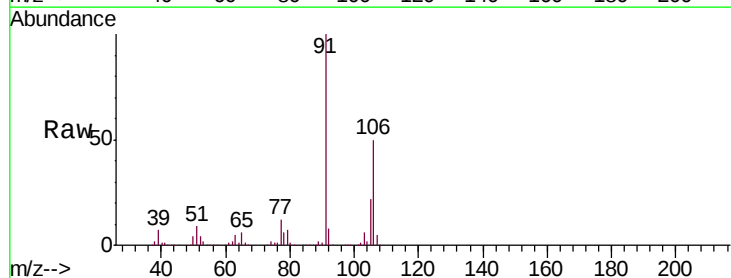
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

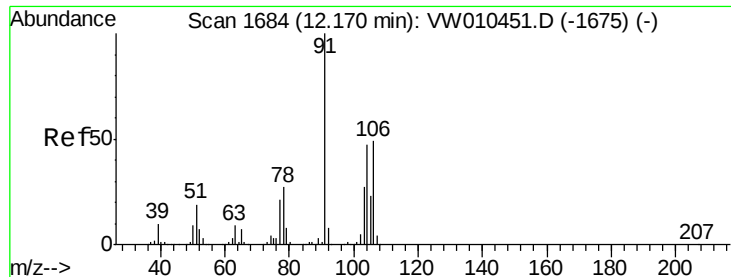
Tgt Ion: 91 Resp: 174734
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9



#68
m/p-Xylenes
Concen: 41.759 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 106 Resp: 136714
Ion Ratio Lower Upper
106 100
91 196.8 156.0 234.0

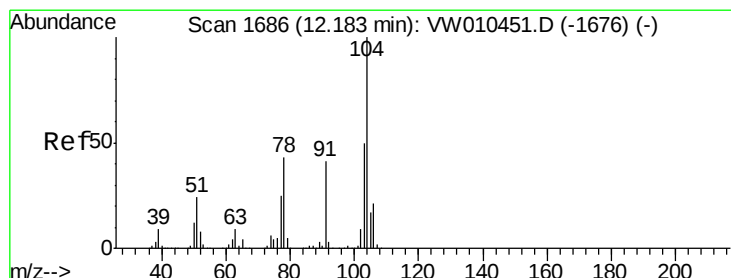
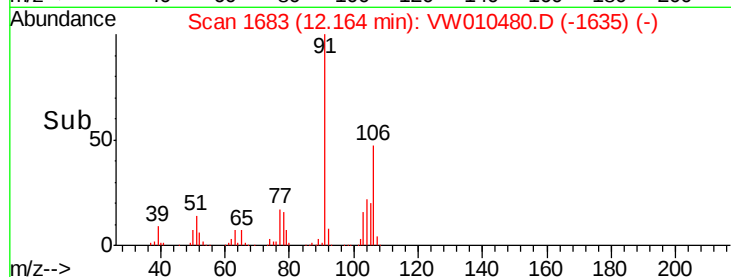
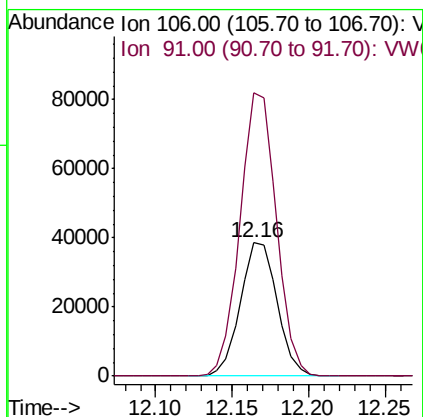
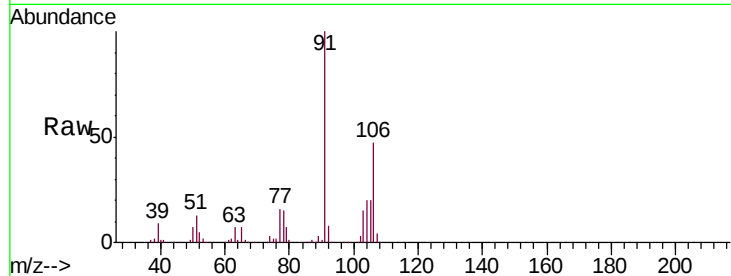




#69
o-Xylene
Concen: 20.797 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

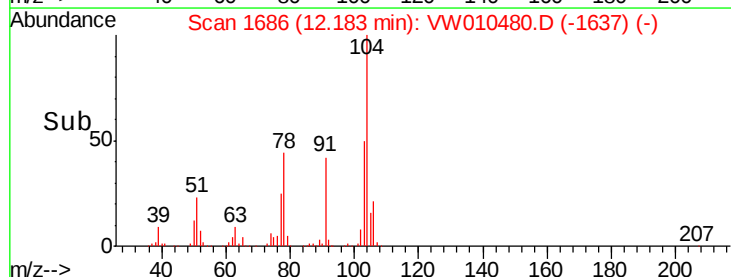
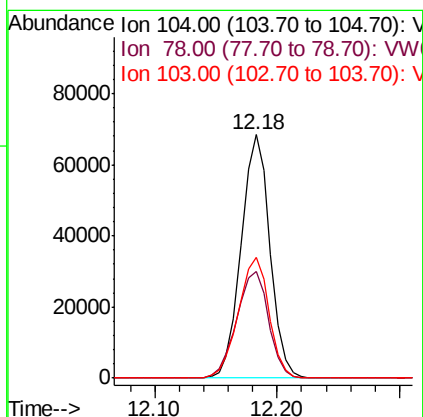
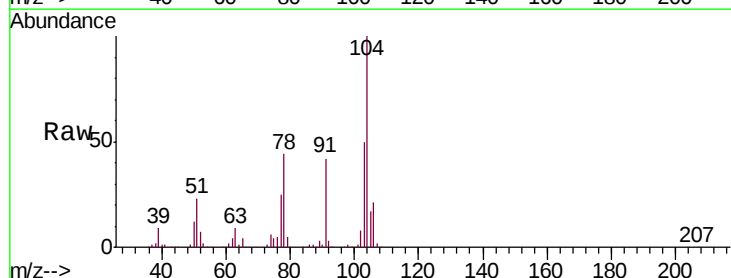
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

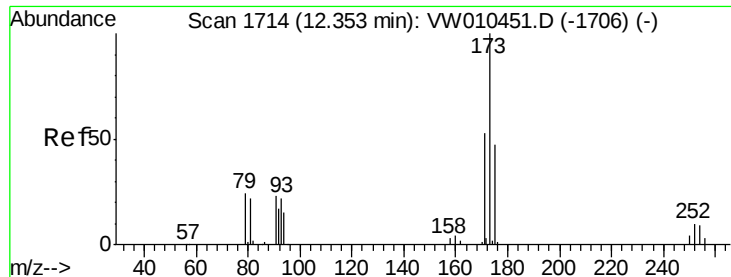
Tgt Ion:106 Resp: 64509
Ion Ratio Lower Upper
106 100
91 210.0 103.2 309.4



#70
Styrene
Concen: 21.122 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion:104 Resp: 111166
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 53.2 43.0 64.6





#71

Bromoform

Concen: 18.506 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

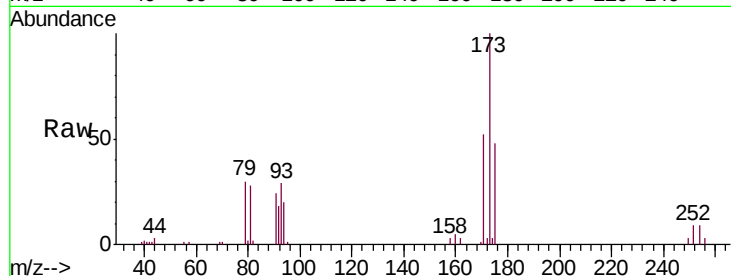
Tgt Ion:173 Resp: 17259

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

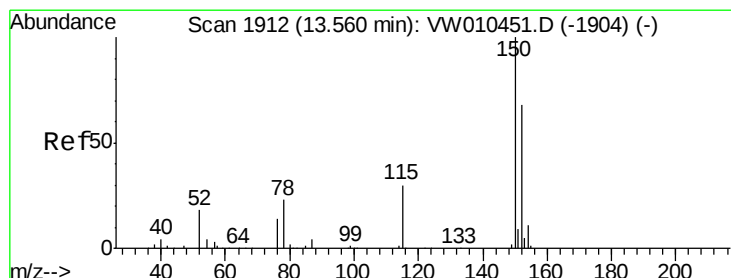
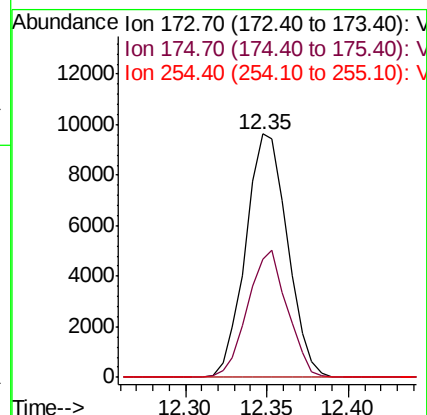
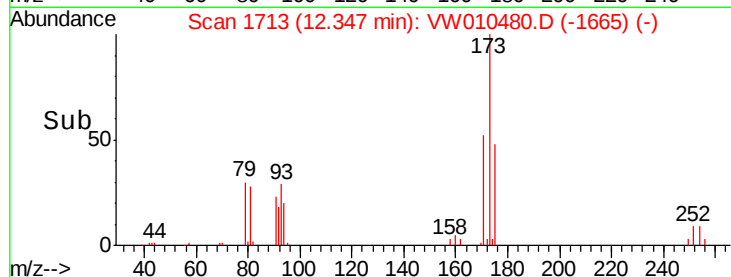
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

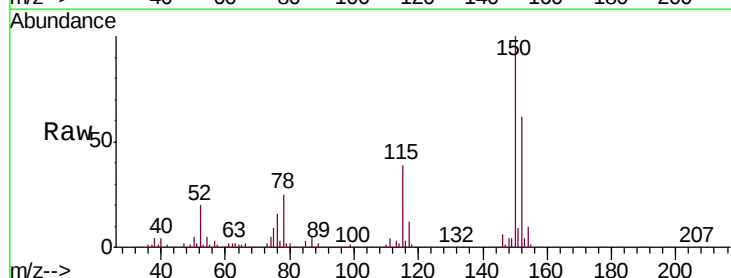
Tgt Ion:152 Resp: 106833

Ion Ratio Lower Upper

152 100

115 61.5 30.3 91.0

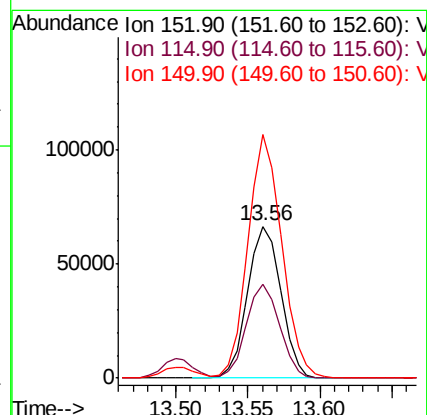
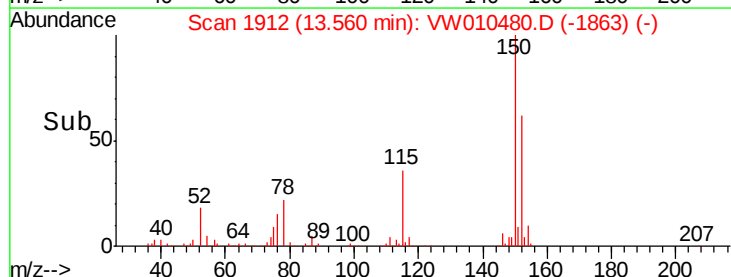
150 162.6 0.0 349.8

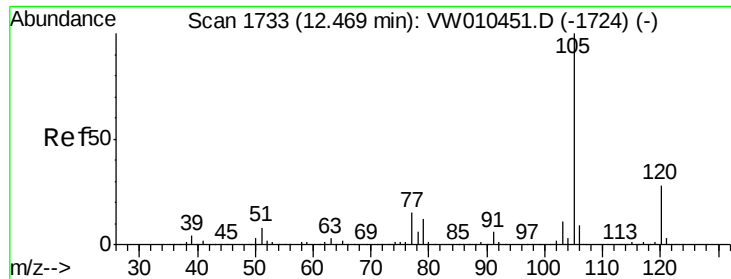


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.018 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

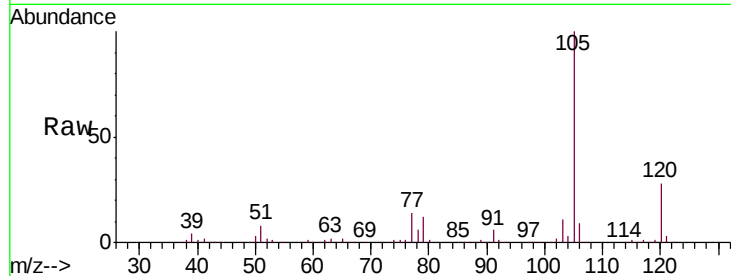
VW0521SBS01

Tgt Ion:105 Resp: 178184

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

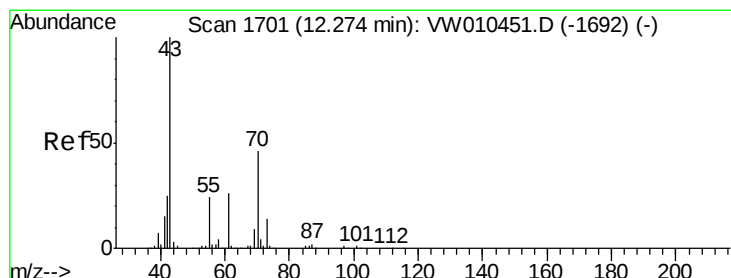
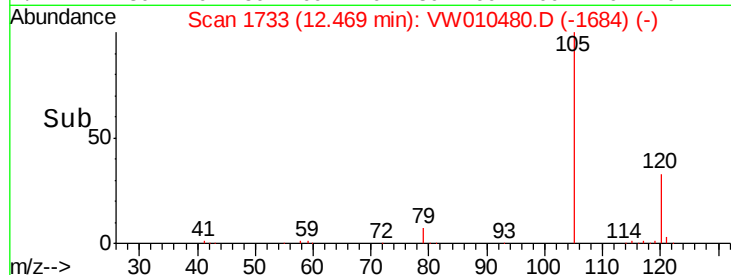
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.447 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Tgt Ion: 43 Resp: 37779

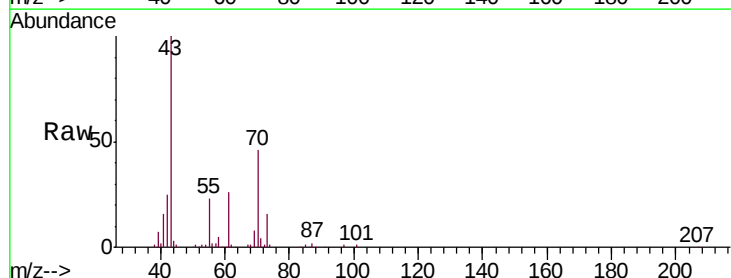
Ion Ratio Lower Upper

43 100

70 47.5 37.1 55.7

55 24.5 19.6 29.4

61 26.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

30000

20000

10000

0

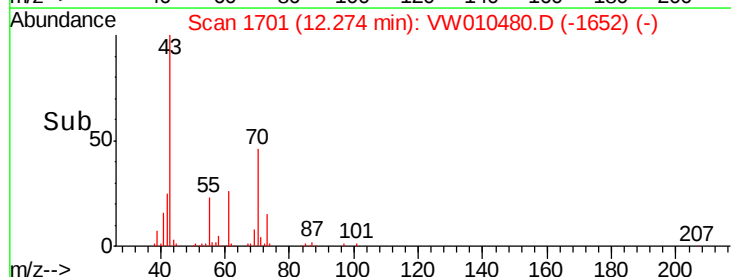
12.27

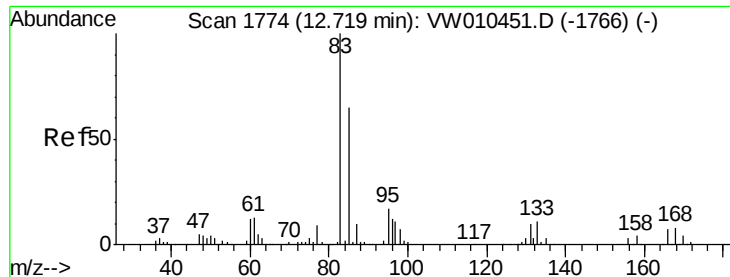
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.039 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

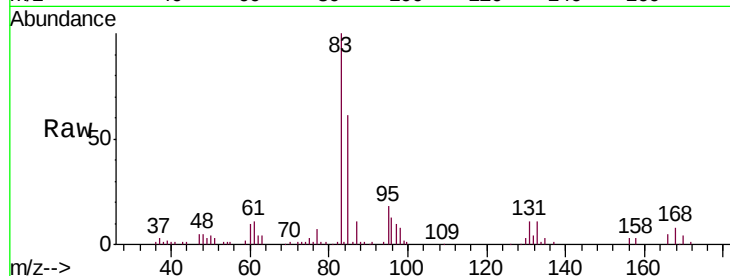
Tgt Ion: 83 Resp: 30900

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

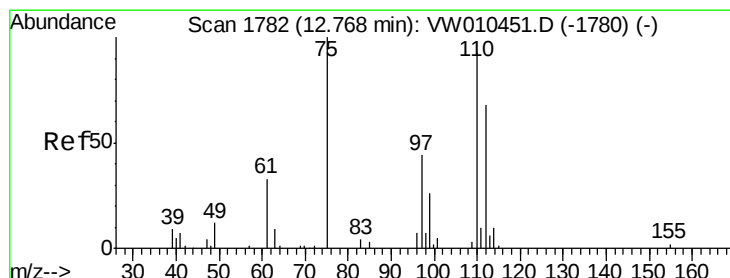
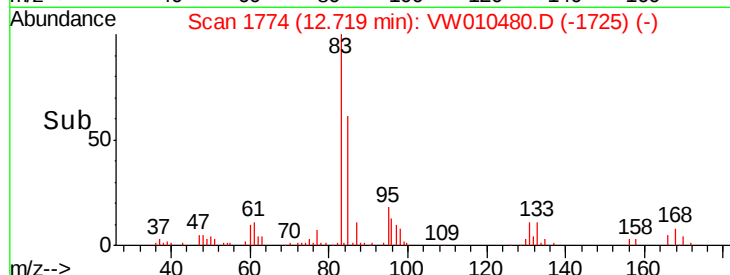
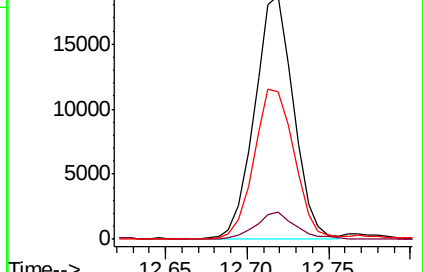
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.347 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010480.D

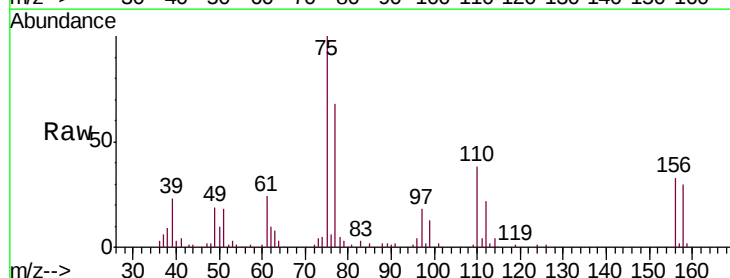
Acq: 21 May 2019 11:59

Tgt Ion: 75 Resp: 39416

Ion Ratio Lower Upper

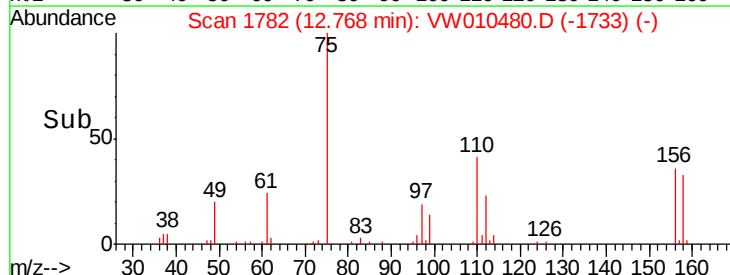
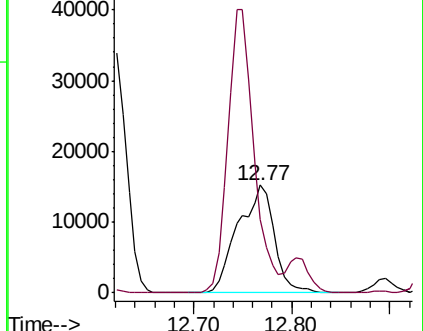
75 100

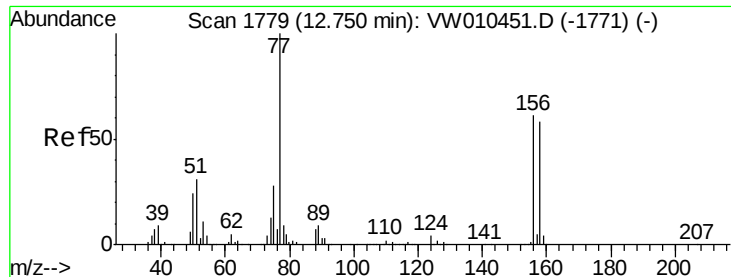
77 0.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.660 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampled :

VW0521SBS01

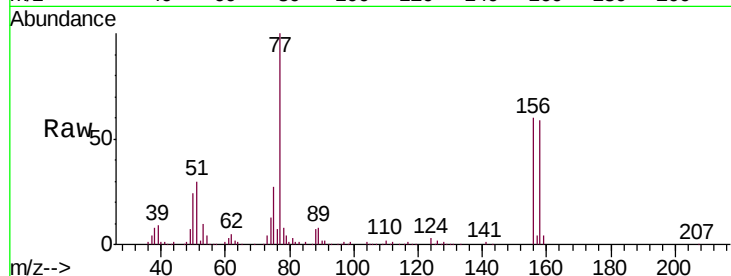
Tgt Ion:156 Resp: 39195

Ion Ratio Lower Upper

156 100

77 188.7 92.4 277.2

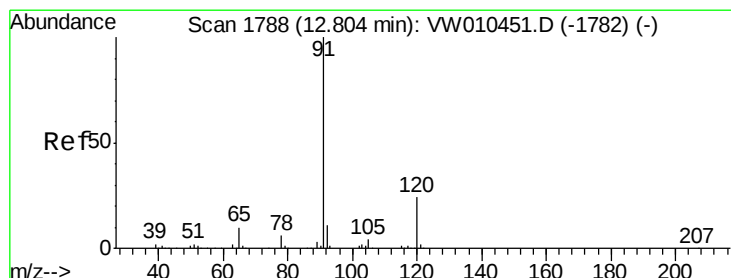
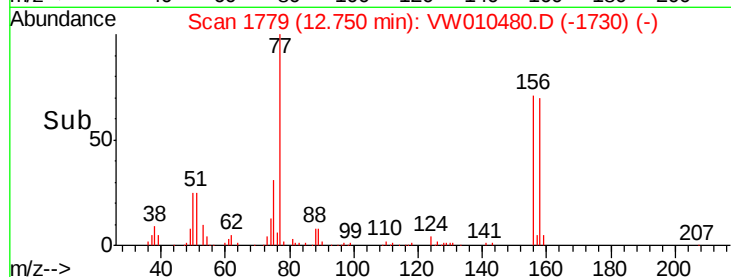
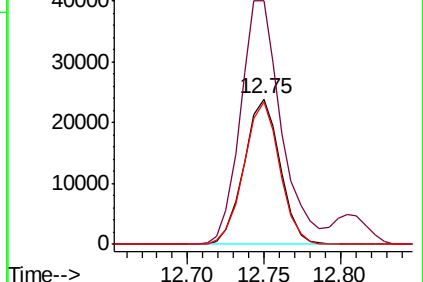
158 97.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.695 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010480.D

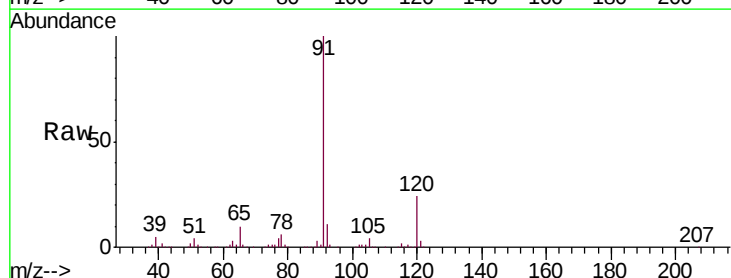
Acq: 21 May 2019 11:59

Tgt Ion: 91 Resp: 204457

Ion Ratio Lower Upper

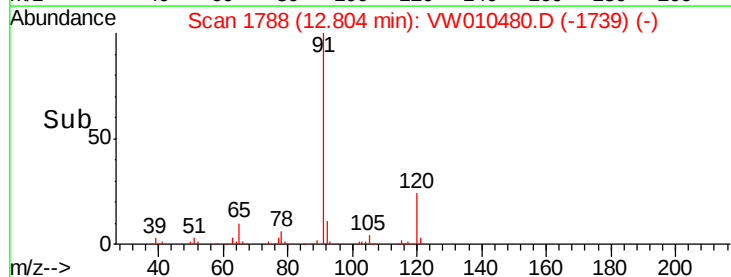
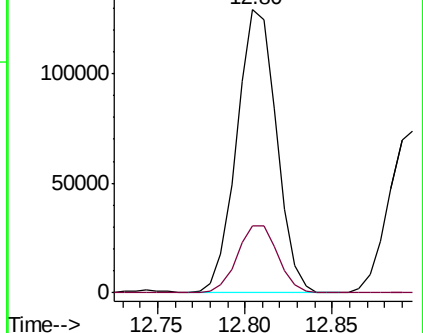
91 100

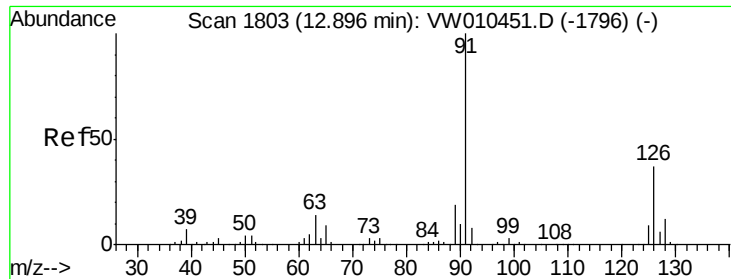
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

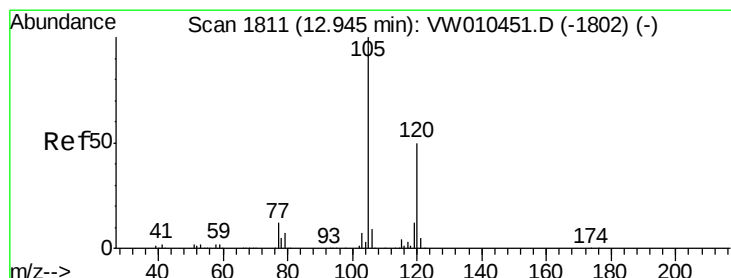
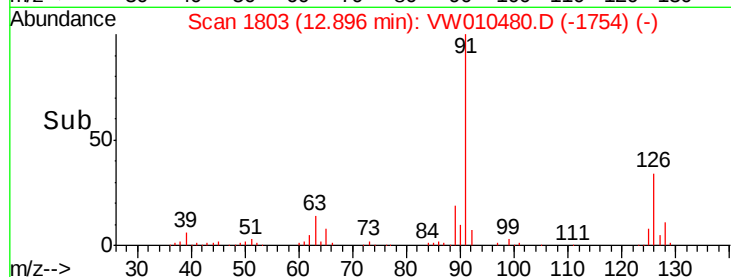
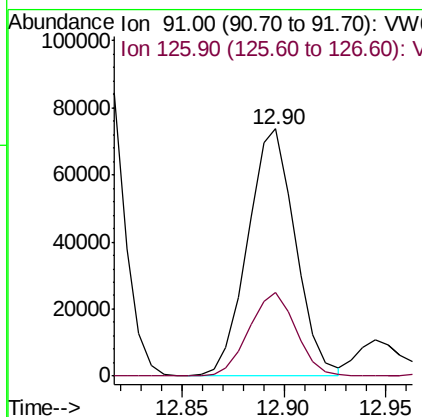
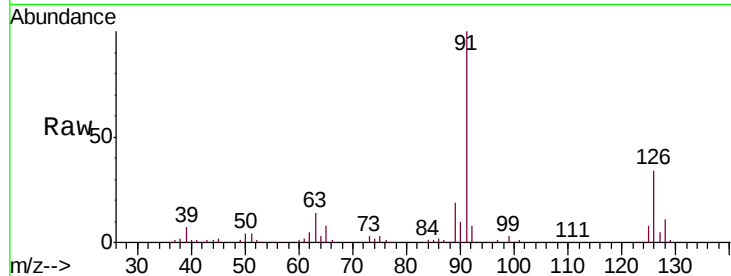




#79
 2-Chlorotoluene
 Concen: 20.830 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

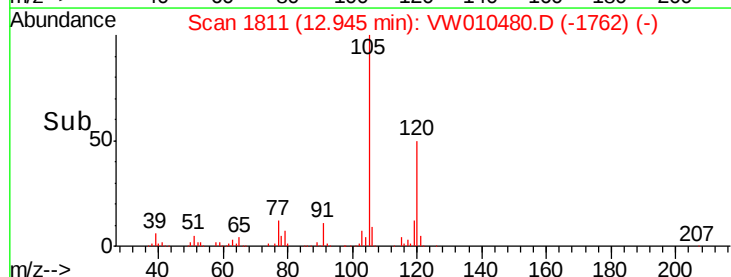
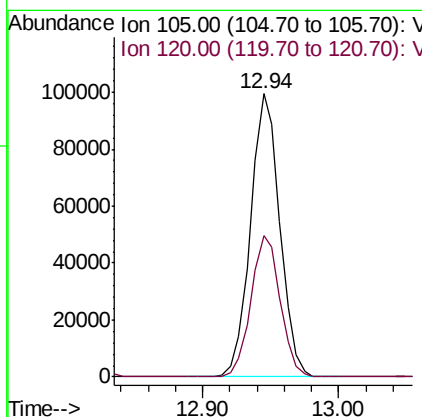
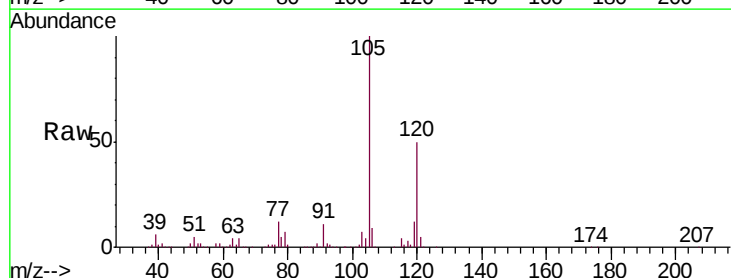
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

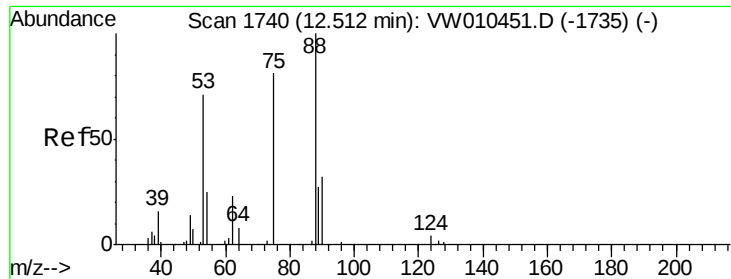
Tgt Ion: 91 Resp: 119345
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.866 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 105 Resp: 149819
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.2 75.6

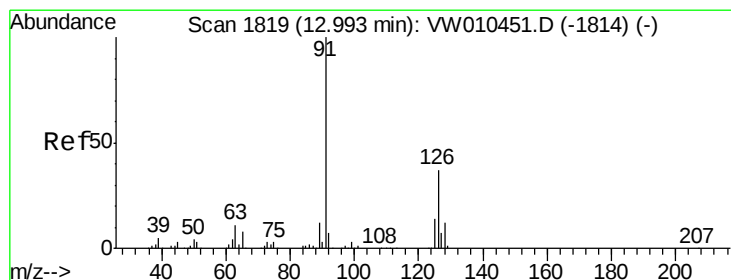
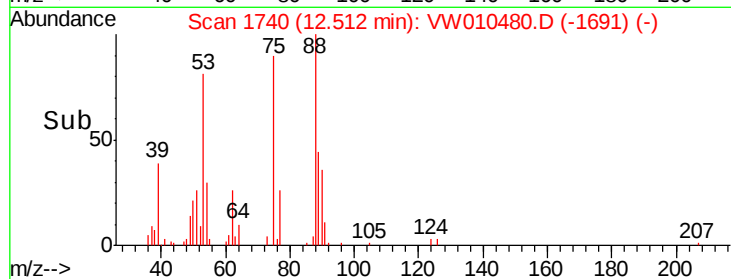
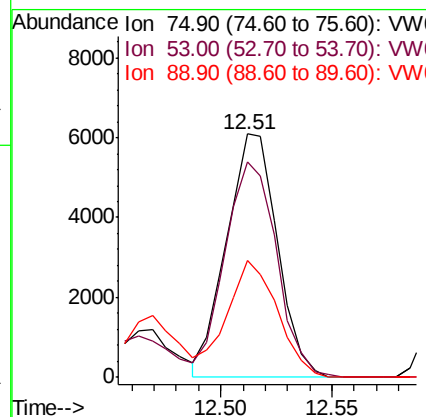
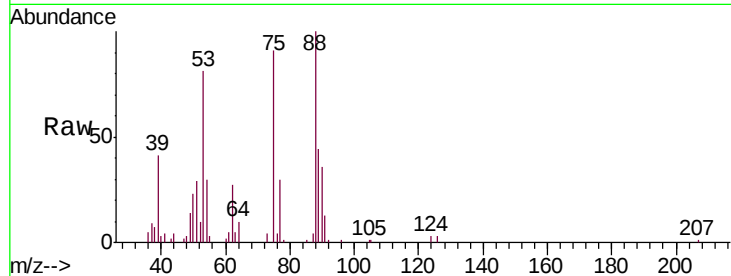




#81
trans-1,4-Dichloro-2-butene
Concen: 18.634 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

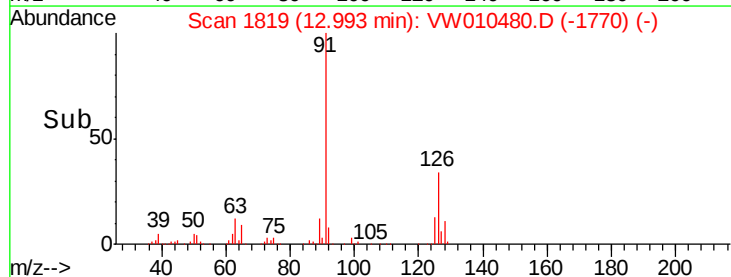
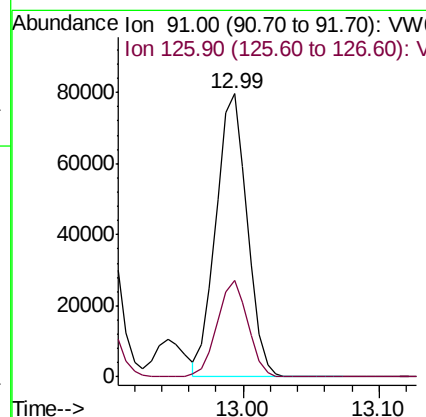
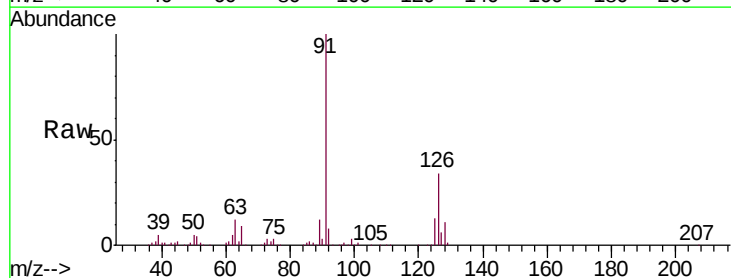
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

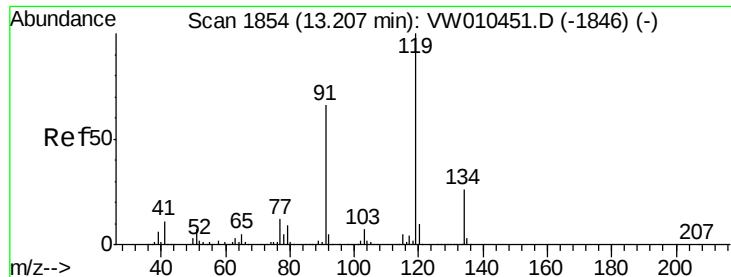
Tgt Ion: 75 Resp: 9682
Ion Ratio Lower Upper
75 100
53 89.8 69.8 104.8
89 48.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 21.177 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion: 91 Resp: 125937
Ion Ratio Lower Upper
91 100
126 33.7 17.5 52.6

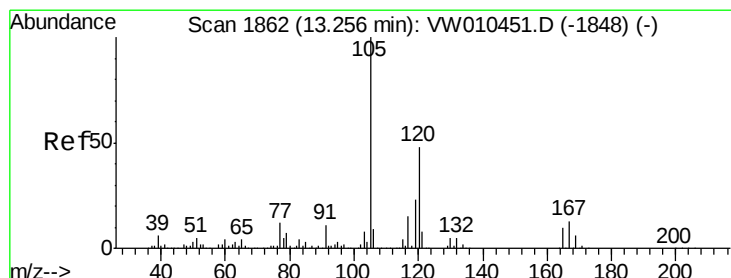
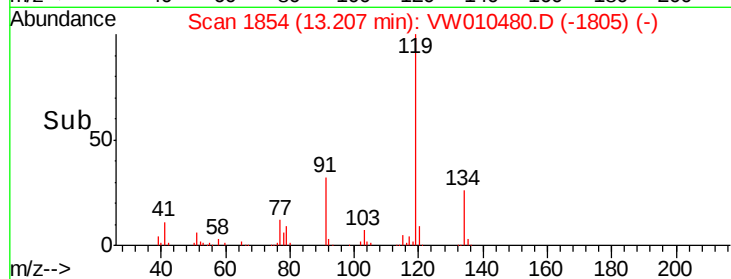
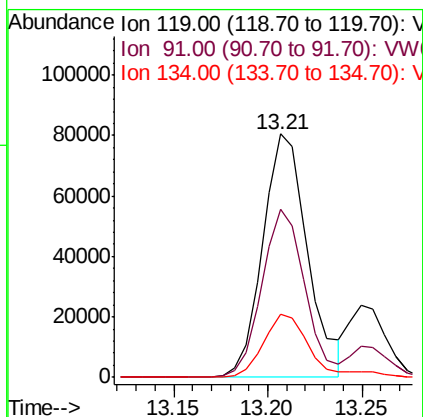
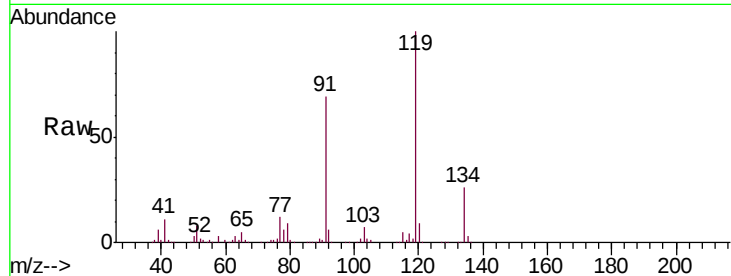




#83
tert-Butylbenzene
Concen: 21.278 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

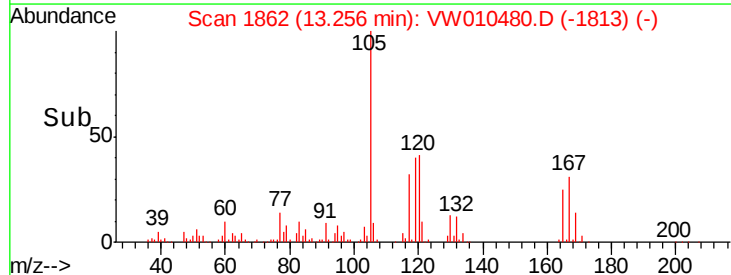
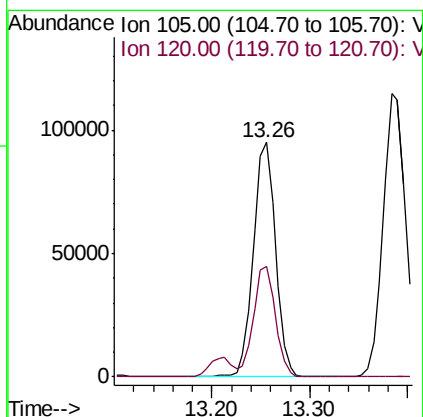
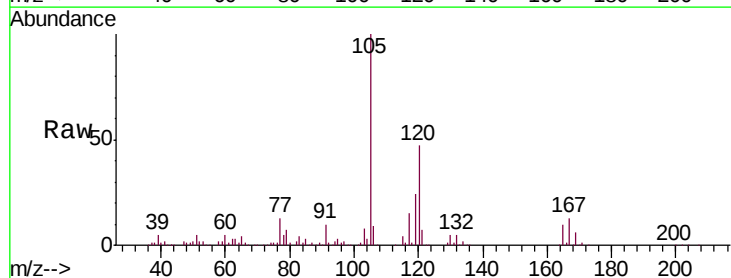
Instrument :
MSVOA_W
ClientSampleId :
VW0521SBS01

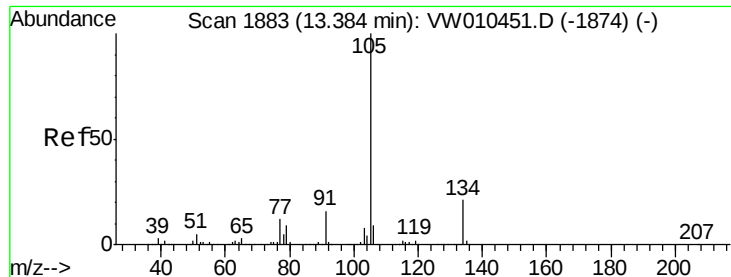
Tgt Ion:119 Resp: 133452
Ion Ratio Lower Upper
119 100
91 65.9 33.1 99.5
134 27.1 13.9 41.6



#84
1,2,4-Trimethylbenzene
Concen: 20.955 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010480.D
Acq: 21 May 2019 11:59

Tgt Ion:105 Resp: 149850
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.2





#85

sec-Butylbenzene

Concen: 20.688 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

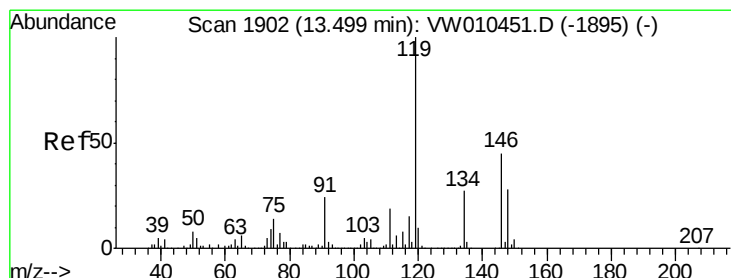
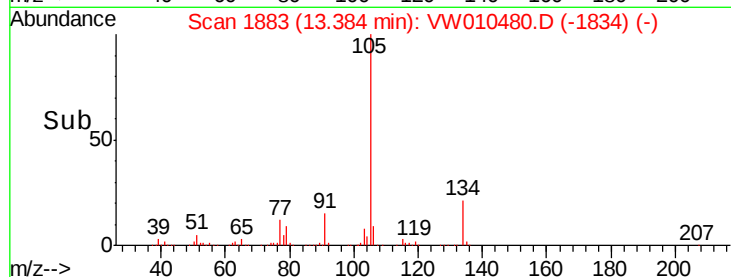
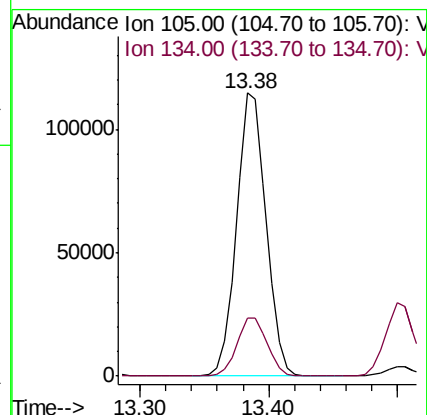
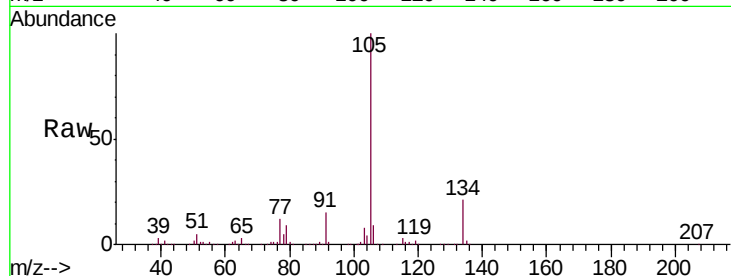
VW0521SBS01

Tgt Ion:105 Resp: 181574

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.6



#86

p-Isopropyltoluene

Concen: 20.700 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

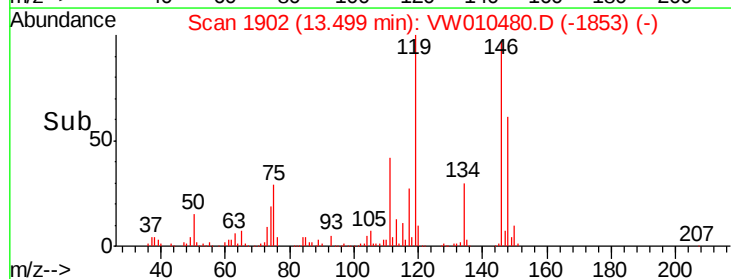
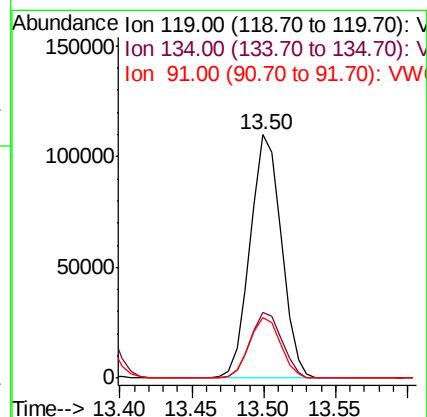
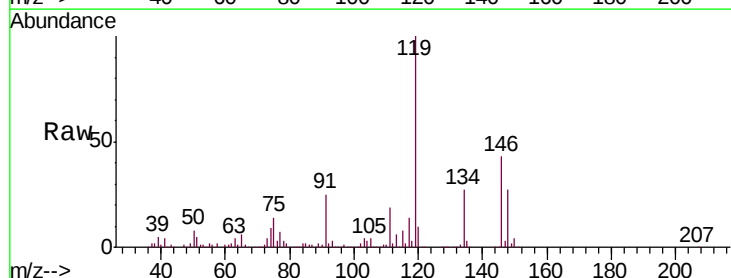
Tgt Ion:119 Resp: 164444

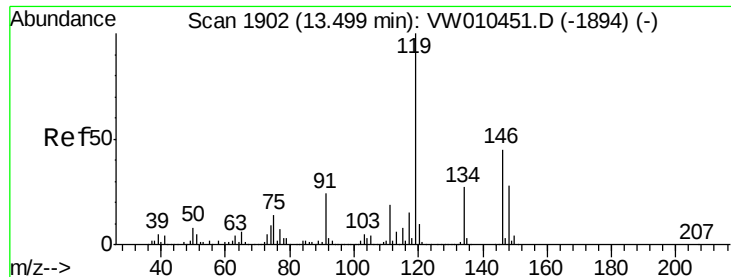
Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.7

91 24.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.646 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

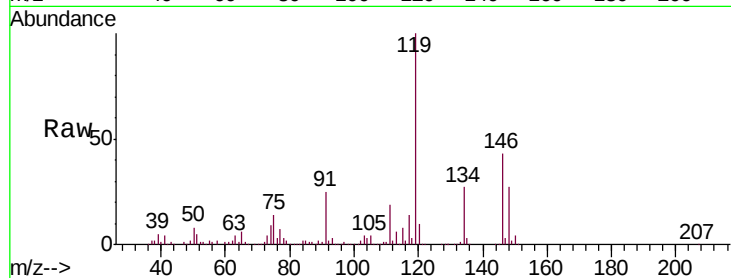
Tgt Ion:146 Resp: 76844

Ion Ratio Lower Upper

146 100

111 42.7 20.3 60.9

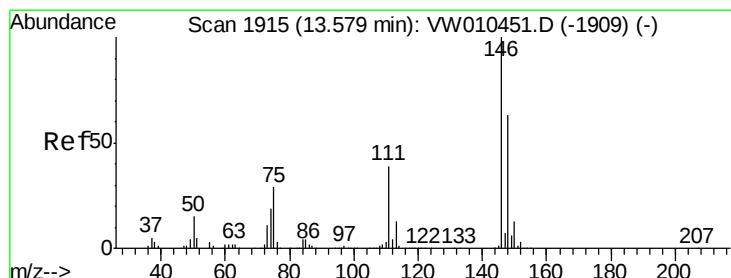
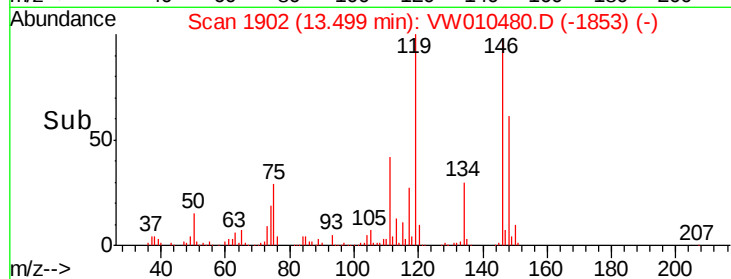
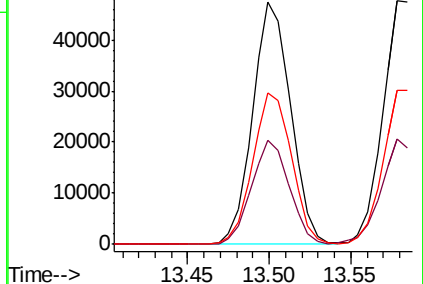
148 63.8 31.6 94.8



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: 20.749 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

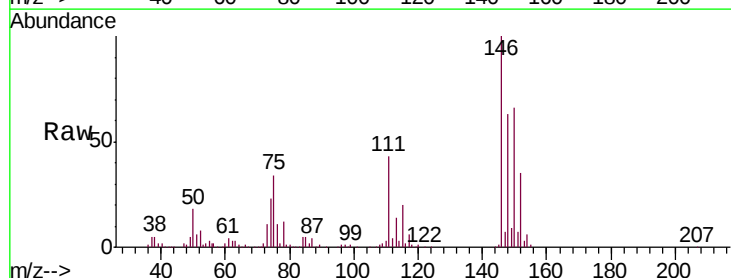
Tgt Ion:146 Resp: 77483

Ion Ratio Lower Upper

146 100

111 42.8 19.9 59.6

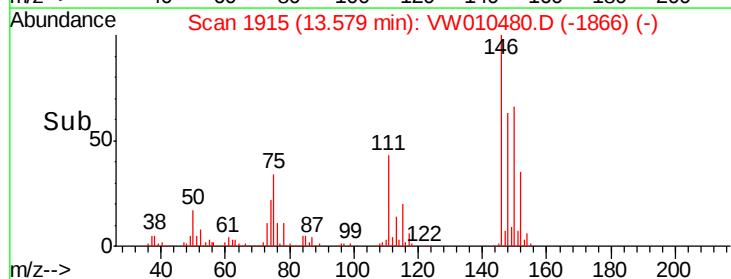
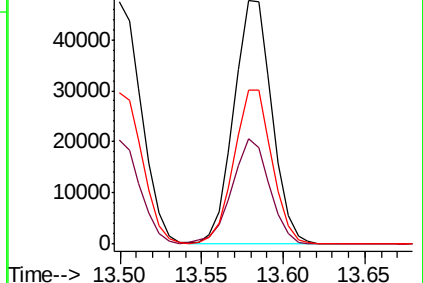
148 63.3 31.6 94.8

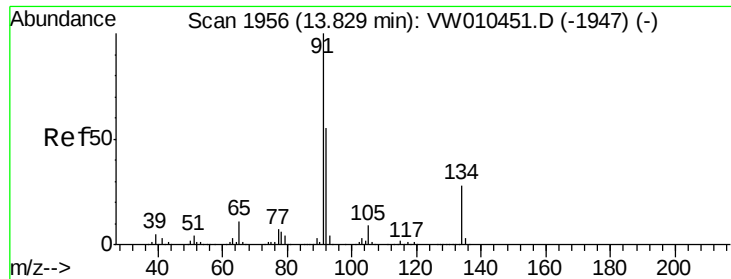


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.708 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

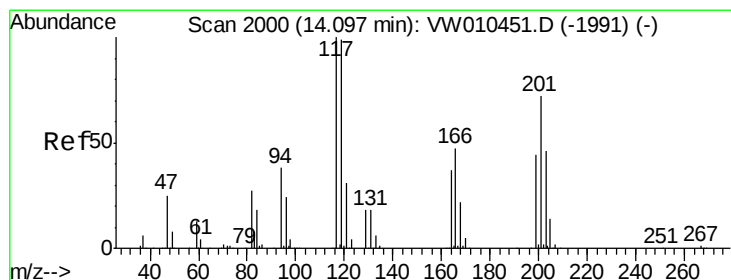
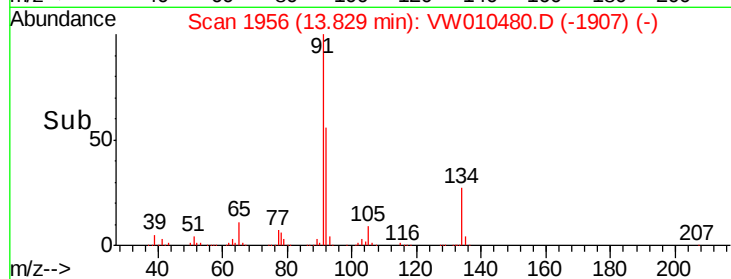
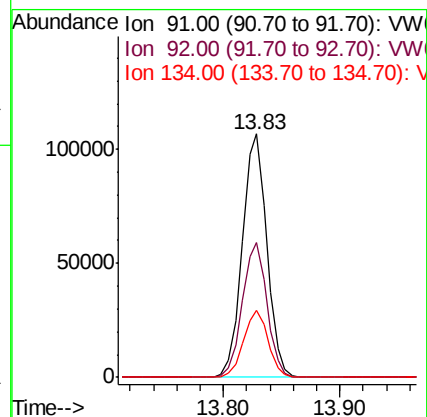
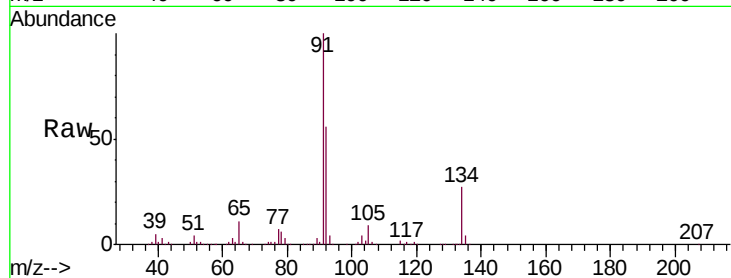
Tgt Ion: 91 Resp: 156476

Ion Ratio Lower Upper

91 100

92 55.5 27.7 83.1

134 27.4 13.9 41.6



#90

Hexachloroethane

Concen: 20.310 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010480.D

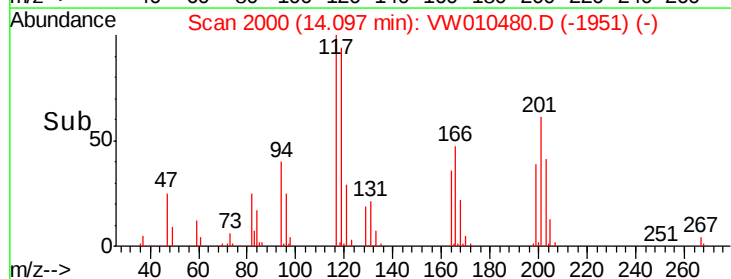
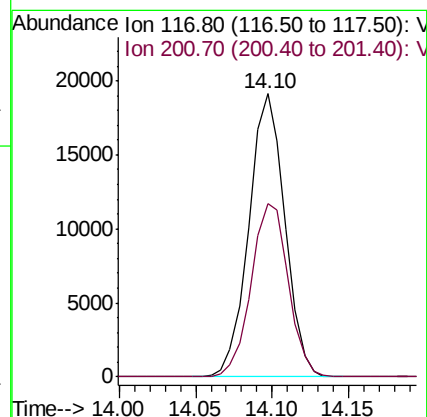
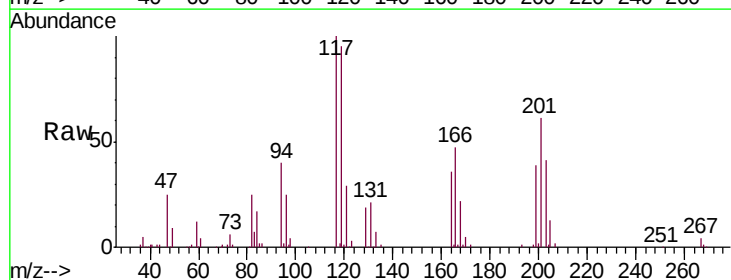
Acq: 21 May 2019 11:59

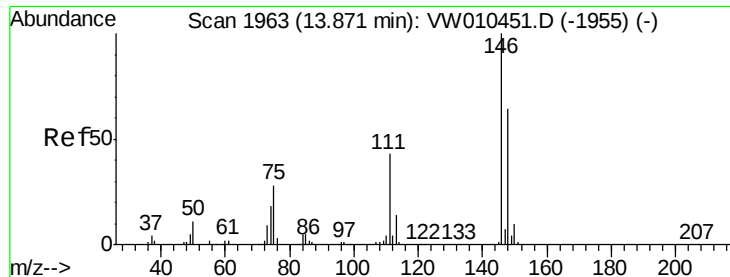
Tgt Ion: 117 Resp: 31231

Ion Ratio Lower Upper

117 100

201 63.3 34.6 103.8

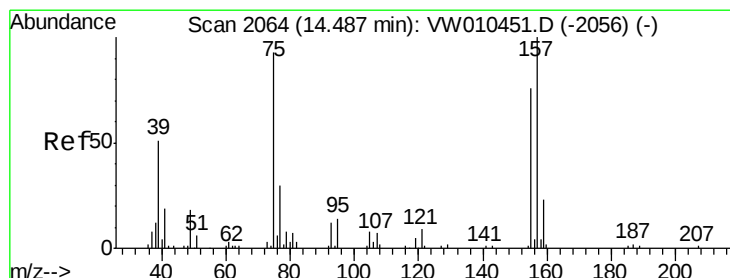
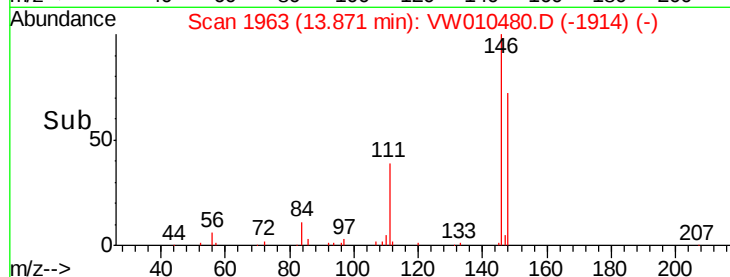
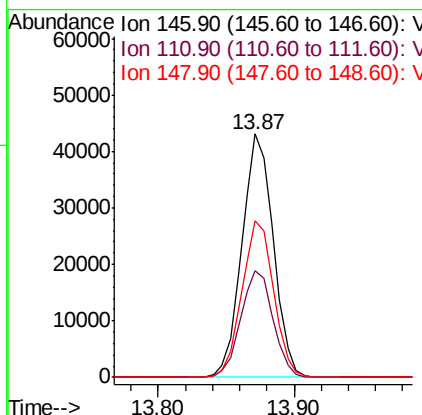
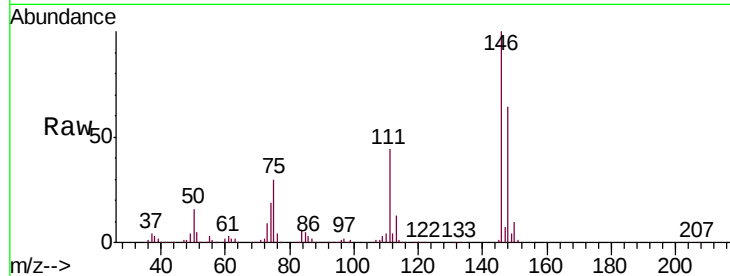




#91
 1,2-Dichlorobenzene
 Concen: 20.487 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

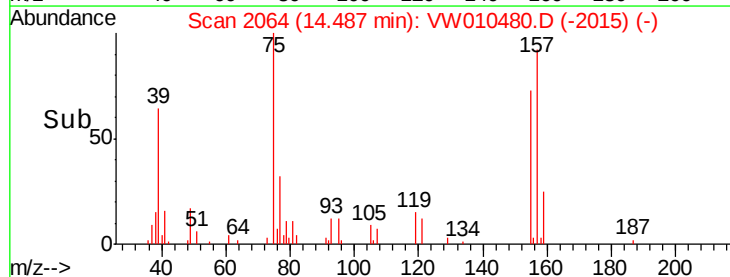
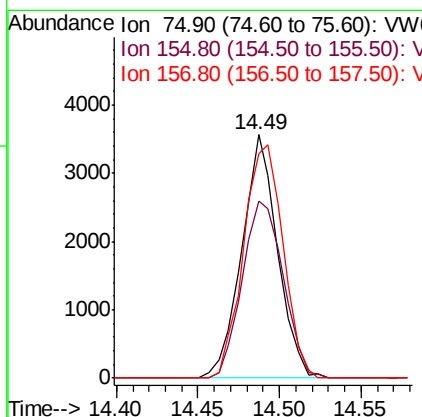
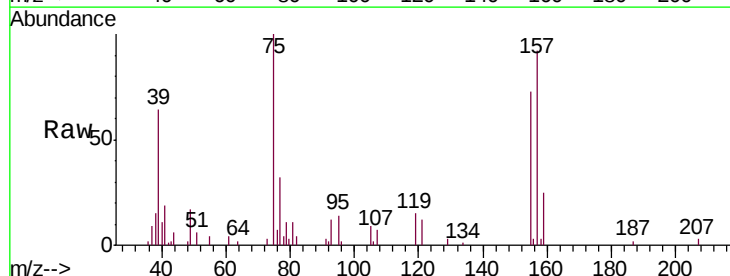
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

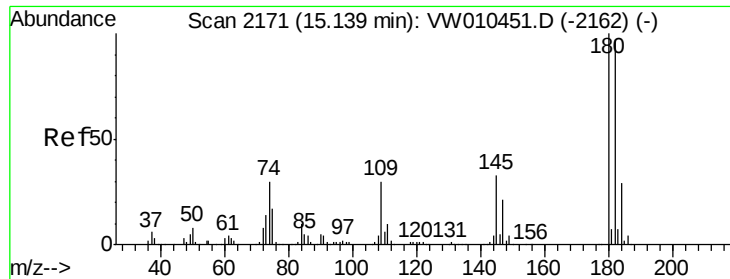
Tgt Ion:146 Resp: 69479
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.3 64.0
 148 65.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.942 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion: 75 Resp: 5431
 Ion Ratio Lower Upper
 75 100
 155 83.5 43.0 129.0
 157 105.8 55.7 167.1

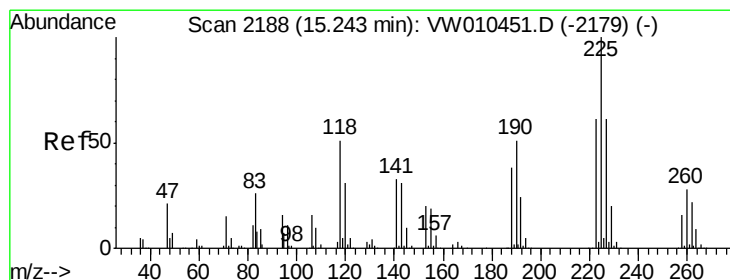
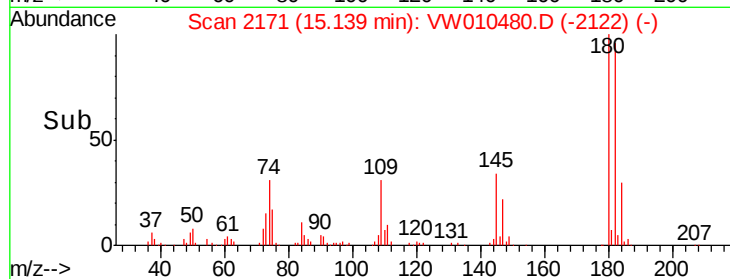
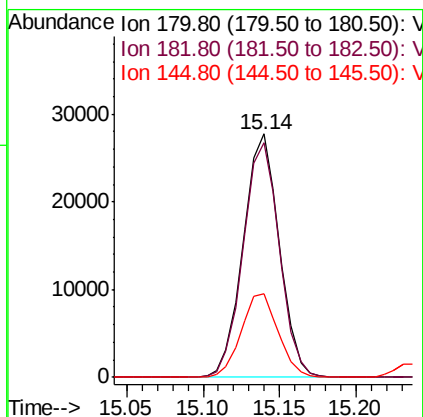
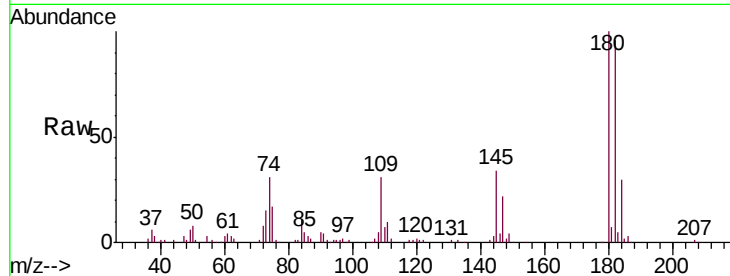




#93
 1,2,4-Trichlorobenzene
 Concen: 19.737 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

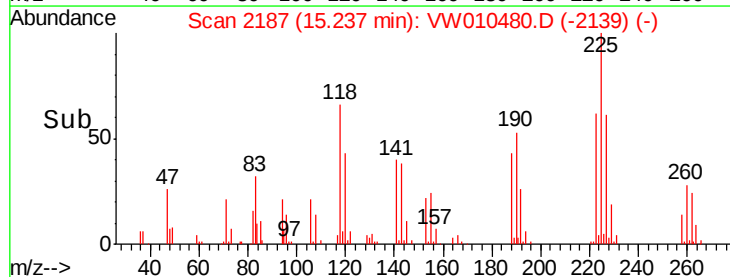
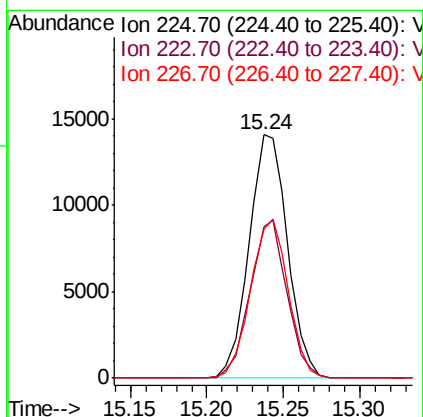
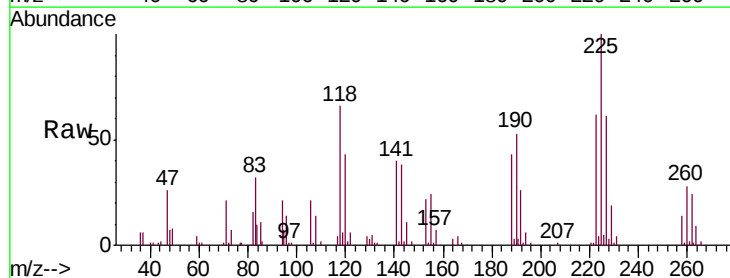
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

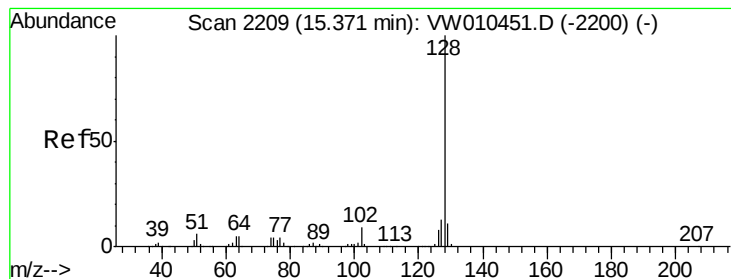
Tgt Ion:180 Resp: 45541
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.0 141.2
 145 35.3 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 20.012 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010480.D
 Acq: 21 May 2019 11:59

Tgt Ion:225 Resp: 24669
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.2
 227 63.7 31.1 93.5





#95

Naphthalene

Concen: 19.072 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0521SBS01

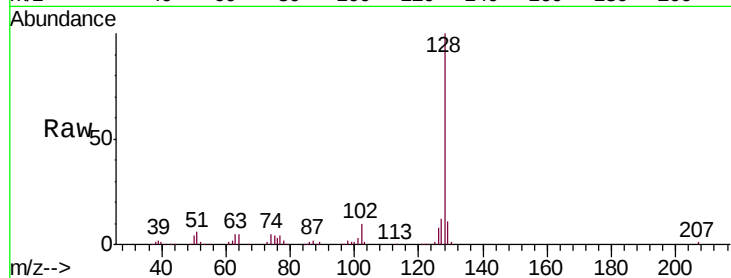
Tgt Ion:128 Resp: 92376

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

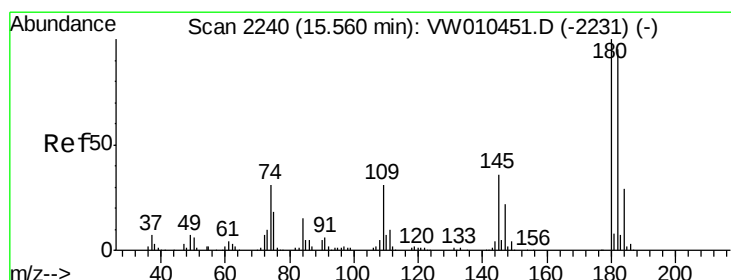
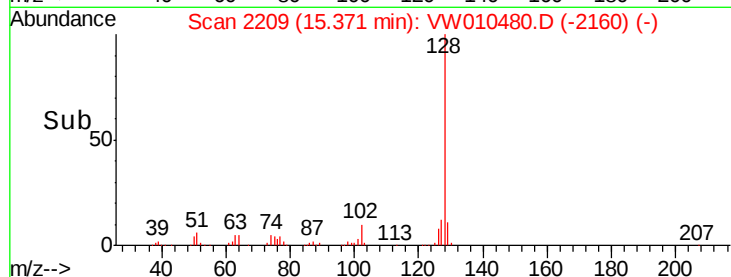
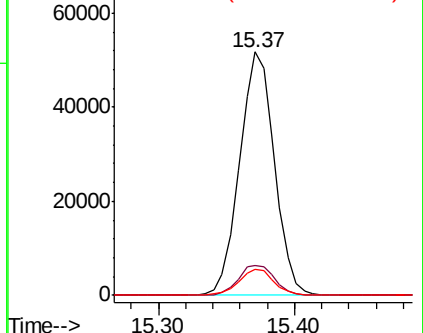
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.348 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010480.D

Acq: 21 May 2019 11:59

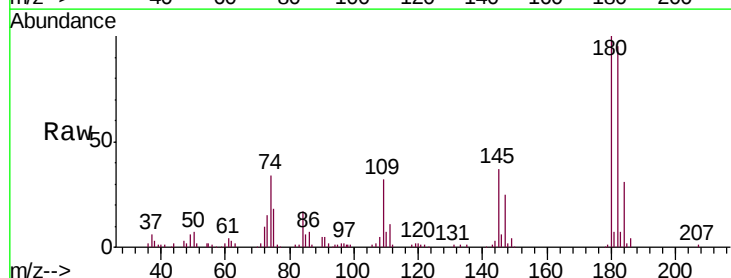
Tgt Ion:180 Resp: 38415

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 37.0 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

