

Data File : VW010583.D
Acq On : 29 May 2019 11:39
Operator : SY/VA
Sample : VW0529SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Quant Time: May 30 07:10:08 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	136926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	225411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65537	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	7.88	113	69272	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.32	98	271055	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	104267	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	21360	17.327	ug/l	98
3) Chloromethane	2.21	50	23274	16.178	ug/l	98
4) Vinyl Chloride	2.35	62	27121	16.275	ug/l	100
5) Bromomethane	2.75	94	20258	17.671	ug/l	91
6) Chloroethane	2.90	64	20062	18.754	ug/l	99
7) Trichlorofluoromethane	3.25	101	52452	21.320	ug/l	100
8) Diethyl Ether	3.68	74	14804	18.982	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32332	21.340	ug/l	96
10) Methyl Iodide	4.27	142	27205	15.709	ug/l	98
11) Tert butyl alcohol	5.15	59	17793	139.963	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	30225	20.898	ug/l	95
13) Acrolein	3.90	56	6547	72.546	ug/l	96
14) Allyl chloride	4.67	41	41219	19.689	ug/l	98
15) Acrylonitrile	5.37	53	29764	91.129	ug/l	100
16) Acetone	4.12	43	28355	98.288	ug/l	98
17) Carbon Disulfide	4.37	76	80257	18.604	ug/l	98
18) Methyl Acetate	4.67	43	13647	19.342	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	72625	19.697	ug/l	100
20) Methylene Chloride	4.91	84	31877	15.314	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	35281	21.267	ug/l	89
22) Diisopropyl ether	6.31	45	85967	20.026	ug/l	98
23) Vinyl Acetate	6.25	43	236143	92.092	ug/l	99
24) 1,1-Dichloroethane	6.21	63	53808	21.005	ug/l	98
25) 2-Butanone	7.17	43	39573	95.853	ug/l	99
26) 2,2-Dichloropropane	7.17	77	55635	22.800	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	38637	21.423	ug/l	99
28) Bromochloromethane	7.51	49	18556	20.232	ug/l	91
29) Tetrahydrofuran	7.53	42	24210	86.660	ug/l	99
30) Chloroform	7.68	83	58267	21.087	ug/l	97
31) Cyclohexane	7.95	56	54037	20.138	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	56937	21.559	ug/l	98
36) 1,1-Dichloropropene	8.08	75	46888	22.330	ug/l	99
37) Ethyl Acetate	7.25	43	17766	19.896	ug/l	99
38) Carbon Tetrachloride	8.07	117	51277	22.637	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62247	22.126	ug/l	98
40) Benzene	8.32	78	131077	22.459	ug/l	99
41) Methacrylonitrile	7.48	41	9576	18.049	ug/l	97
42) 1,2-Dichloroethane	8.40	62	35450	21.252	ug/l	100
43) Isopropyl Acetate	8.42	43	33615	18.844	ug/l	98
44) Trichloroethene	9.09	130	40255	23.233	ug/l	98
45) 1,2-Dichloropropane	9.37	63	30998	22.363	ug/l	98
46) Dibromomethane	9.46	93	17102	21.097	ug/l	98
47) Bromodichloromethane	9.64	83	43587	21.397	ug/l	98
48) Methyl methacrylate	9.43	41	15853	19.425	ug/l	96
49) 1,4-Dioxane	9.45	88	5094	384.681	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	84426	93.397	ug/l	99
52) Toluene	10.39	92	89086	22.729	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	42183	20.446	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	50758	21.542	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	25446	21.829	ug/l	96
56) Ethyl methacrylate	10.65	69	30825	19.174	ug/l	99
57) 1,3-Dichloropropane	10.93	76	42274	21.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	65737	92.316	ug/l	96
59) 2-Hexanone	10.97	43	60005	93.056	ug/l	99
60) Dibromochloromethane	11.13	129	31400	21.284	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25062	21.224	ug/l	99
64) Tetrachloroethene	10.86	164	32385	22.920	ug/l	98
65) Chlorobenzene	11.66	112	99411	23.013	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	34760	22.463	ug/l	99
67) Ethyl Benzene	11.73	91	172307	22.592	ug/l	98
68) m/p-Xylenes	11.84	106	136809	45.733	ug/l	100
69) o-Xylene	12.17	106	64681	22.821	ug/l	98
70) Styrene	12.18	104	108348	22.530	ug/l	100
71) Bromoform	12.35	173	16824	19.743	ug/l #	98
73) Isopropylbenzene	12.47	105	177485	22.361	ug/l	99
74) N-amyl acetate	12.27	43	31755	17.459	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	27549	19.082	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35536	35.000	ug/l	34
77) Bromobenzene	12.75	156	40802	22.971	ug/l	95
78) n-propylbenzene	12.80	91	204921	22.154	ug/l	99
79) 2-Chlorotoluene	12.90	91	118343	22.062	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	150606	22.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	8458	17.386	ug/l	97
82) 4-Chlorotoluene	12.99	91	124716	22.399	ug/l	99
83) tert-Butylbenzene	13.21	119	135802	23.127	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	149930	22.393	ug/l	99
85) sec-Butylbenzene	13.38	105	185475	22.571	ug/l	100
86) p-Isopropyltoluene	13.50	119	169688	22.814	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	80594	23.127	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	79200	22.652	ug/l	98
89) n-Butylbenzene	13.83	91	156120	22.067	ug/l	99
90) Hexachloroethane	14.10	117	31188	21.663	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	71500	22.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4823	17.967	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052919\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

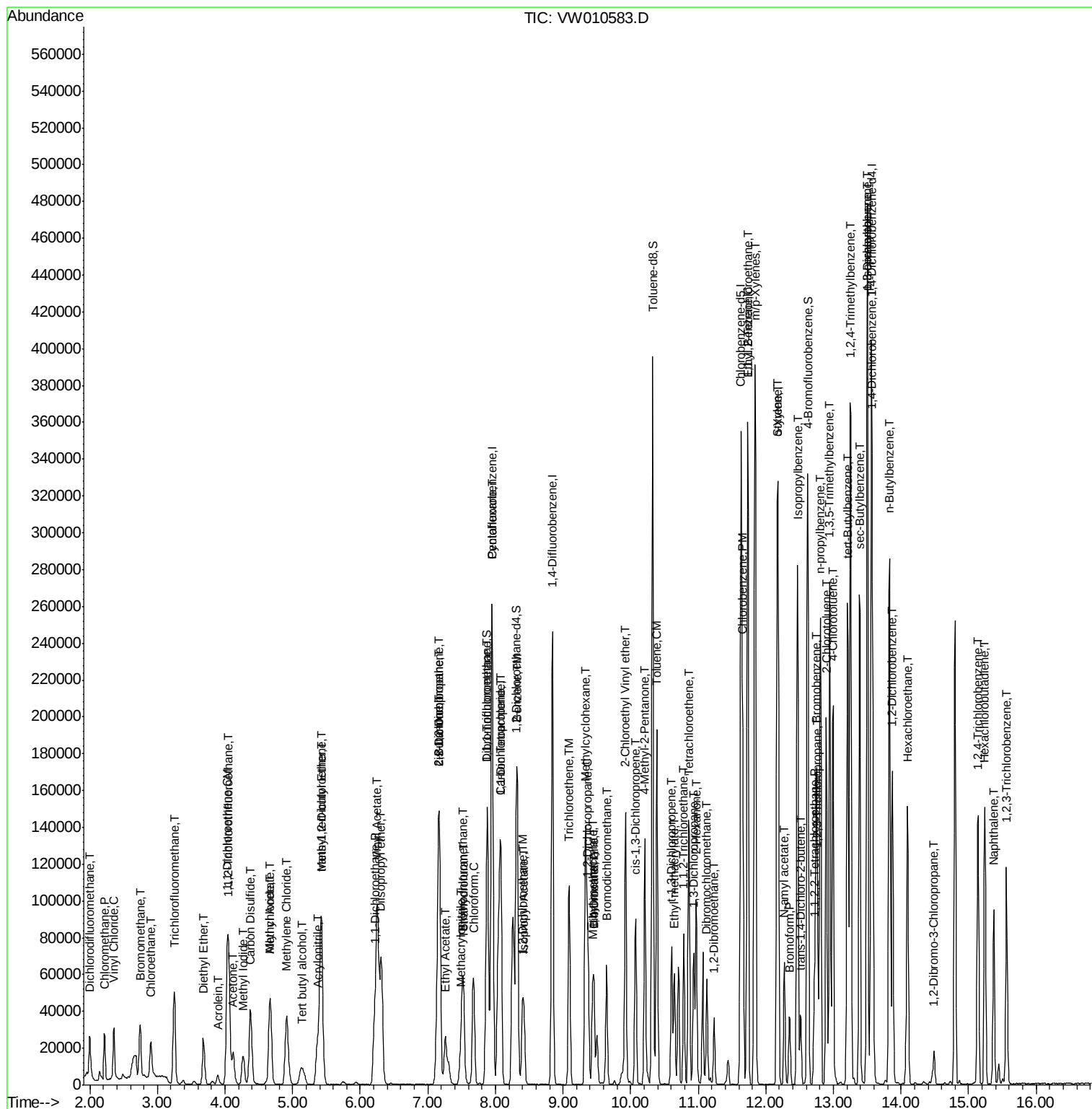
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	47743	22.099	ug/l	100
94) Hexachlorobutadiene	15.24	225	27359	23.705	ug/l	98
95) Naphthalene	15.37	128	84084	18.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	40623	21.853	ug/l	99

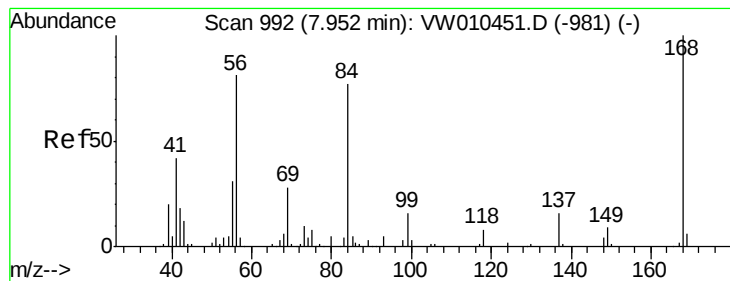
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

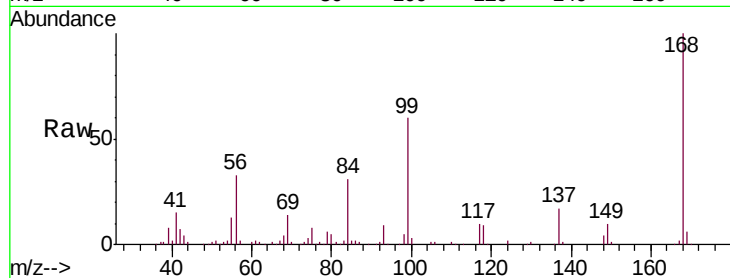
VW0529SBS01

Tgt Ion:168 Resp: 136926

Ion Ratio Lower Upper

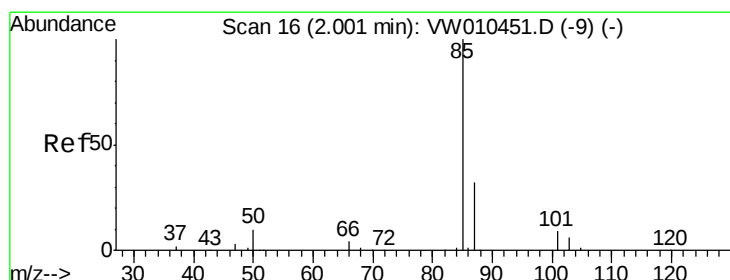
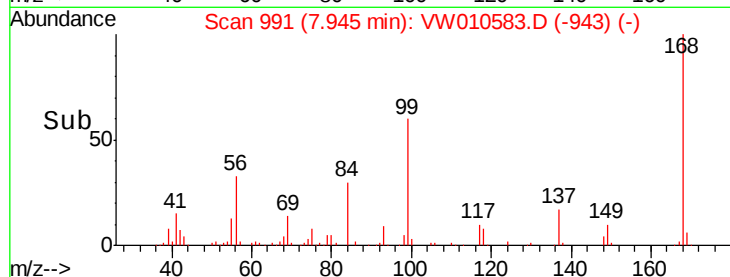
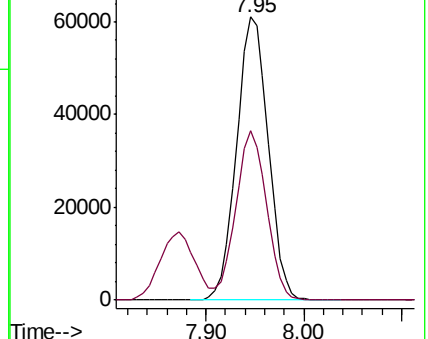
168 100

99 60.0 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: 17.327 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010583.D

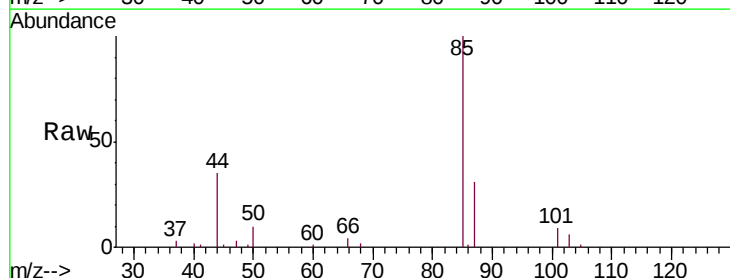
Acq: 29 May 2019 11:39

Tgt Ion: 85 Resp: 21360

Ion Ratio Lower Upper

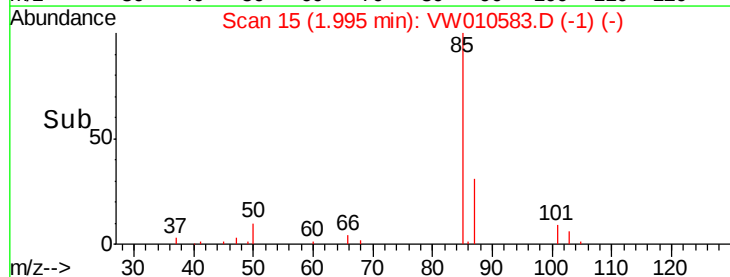
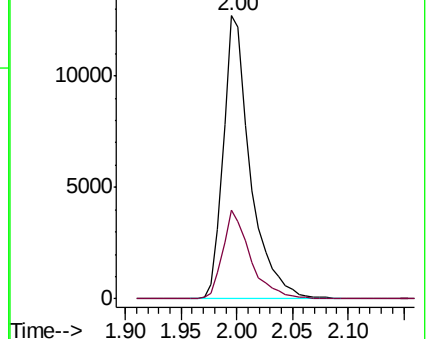
85 100

87 31.5 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: 16.178 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

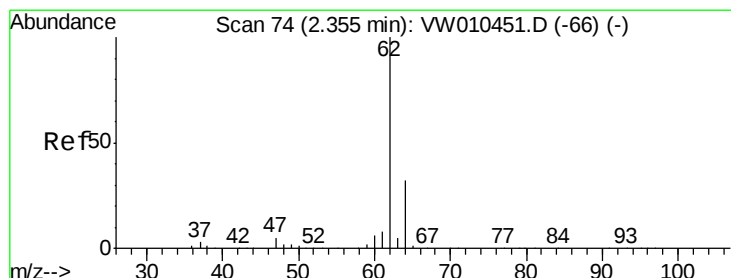
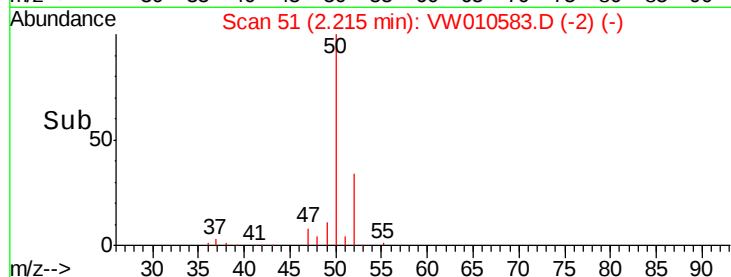
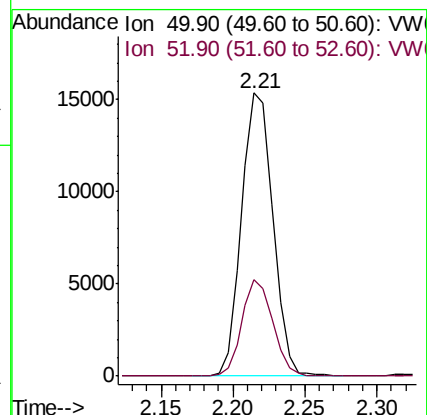
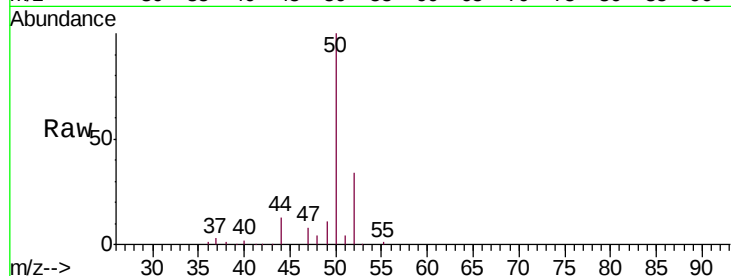
VW0529SBS01

Tgt Ion: 50 Resp: 23274

Ion Ratio Lower Upper

50 100

52 34.1 26.3 39.5



#4

Vinyl Chloride

Concen: 16.275 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010583.D

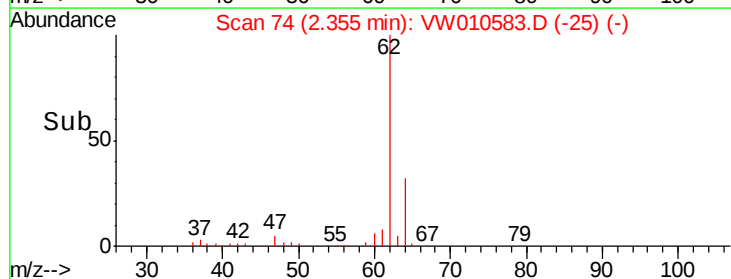
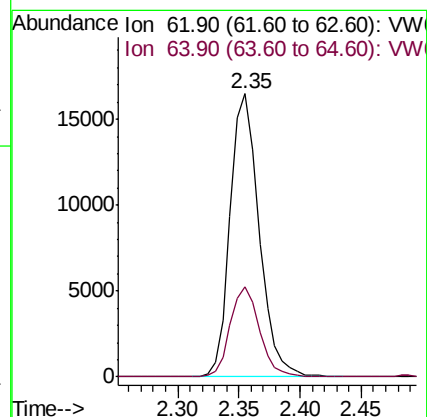
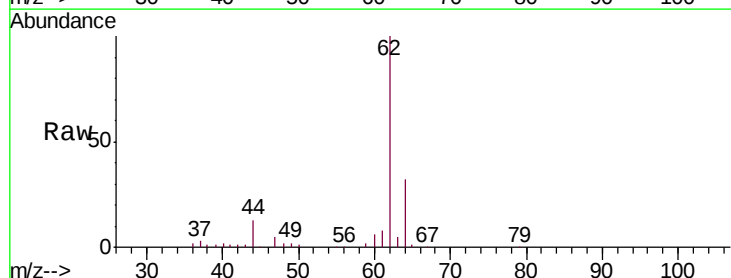
Acq: 29 May 2019 11:39

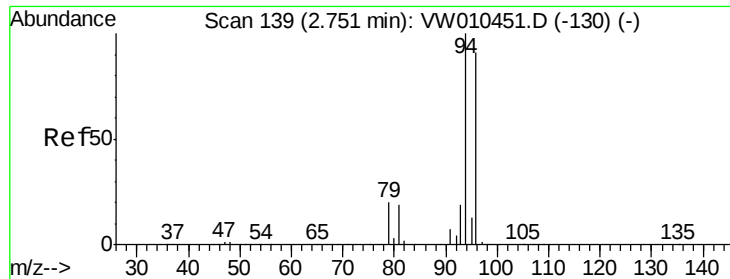
Tgt Ion: 62 Resp: 27121

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 17.671 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

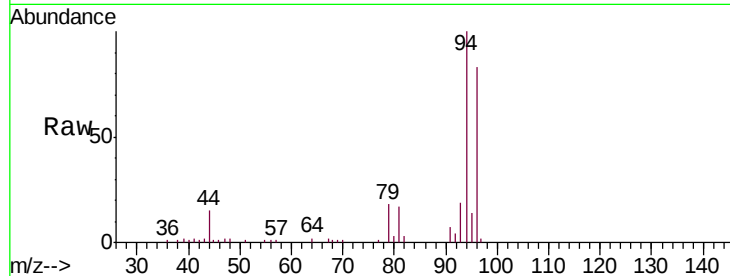
VW0529SBS01

Tgt Ion: 94 Resp: 20258

Ion Ratio Lower Upper

94 100

96 82.1 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

12000

10000

8000

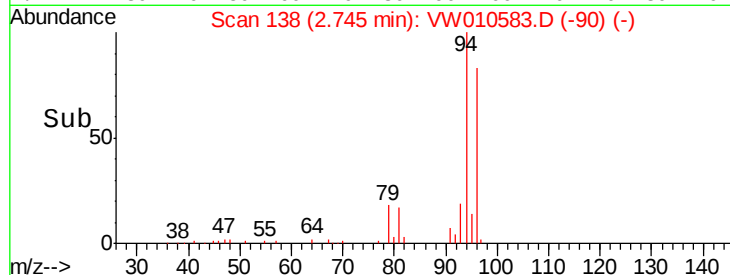
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4000

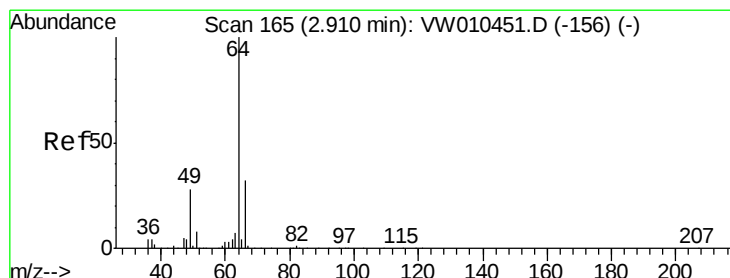
2000

0

Time-->



Time-->



#6

Chloroethane

Concen: 18.754 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010583.D

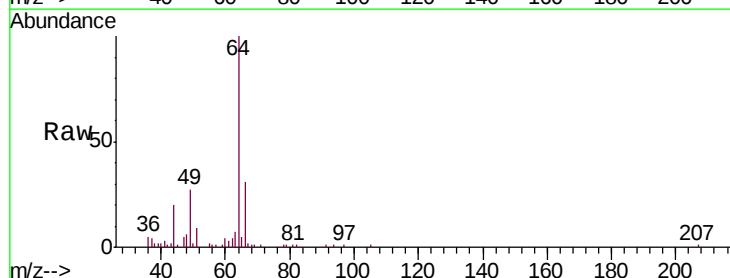
Acq: 29 May 2019 11:39

Tgt Ion: 64 Resp: 20062

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

10000

8000

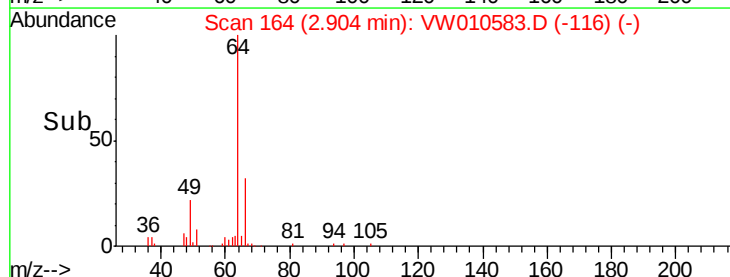
6000

4000

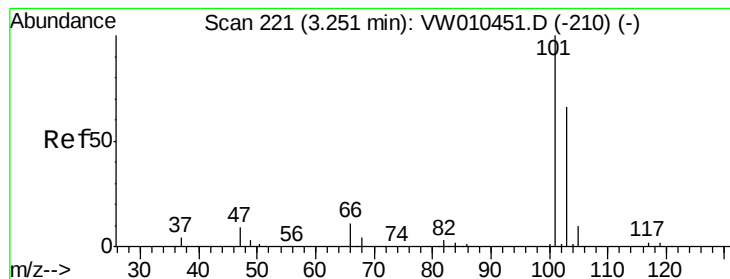
2000

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Time-->



Time-->

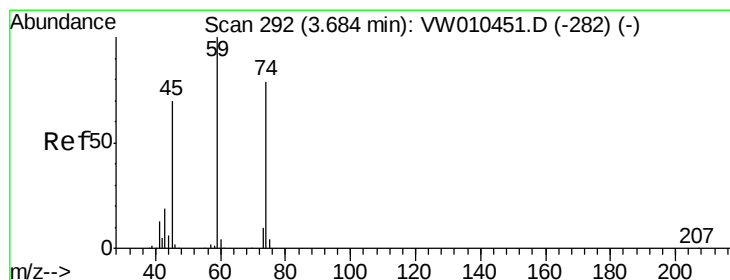
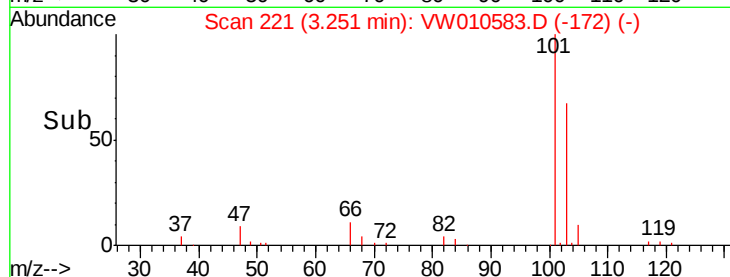
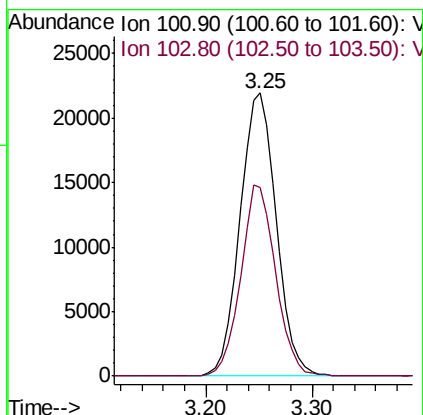
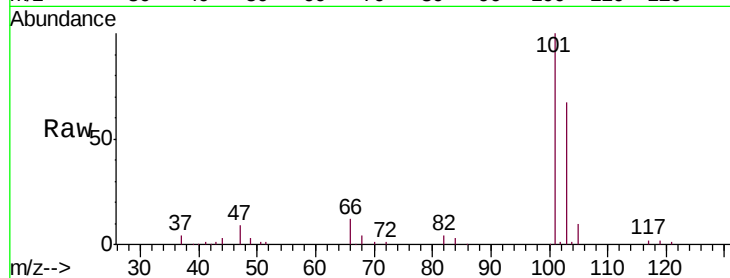


#7

Trichlorofluoromethane
 Concen: 21.320 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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 VW0529SBS01

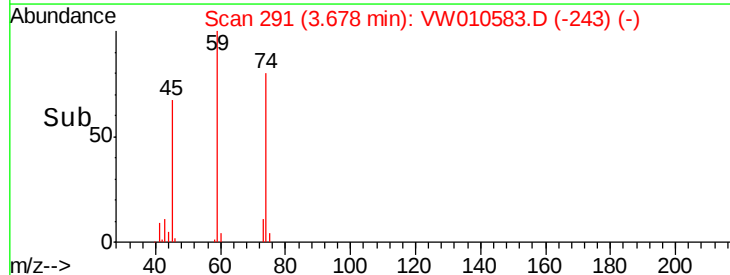
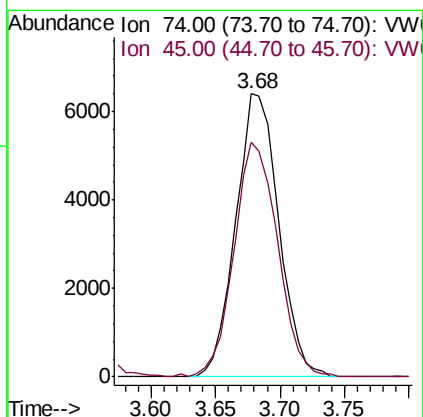
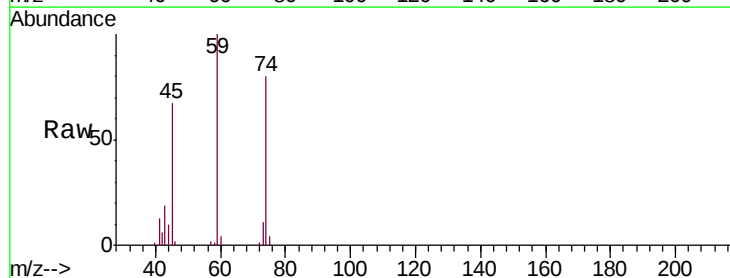
Tgt Ion:101 Resp: 52452
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.0 79.4

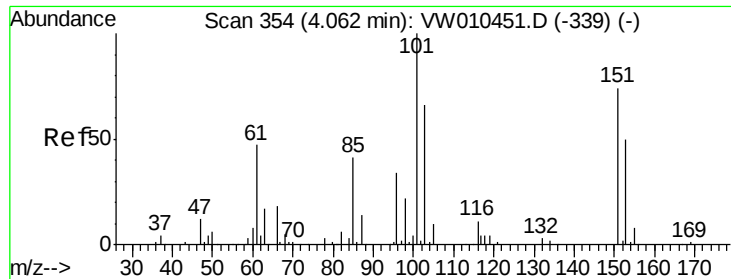


#8

Diethyl Ether
 Concen: 18.982 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 74 Resp: 14804
 Ion Ratio Lower Upper
 74 100
 45 84.3 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.340 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010583.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

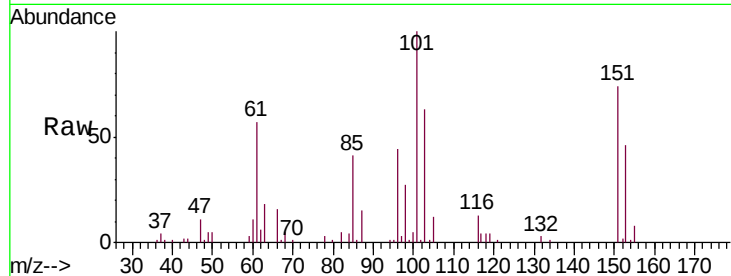
Tgt Ion:101 Resp: 32332

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

151 80.9 60.3 90.5

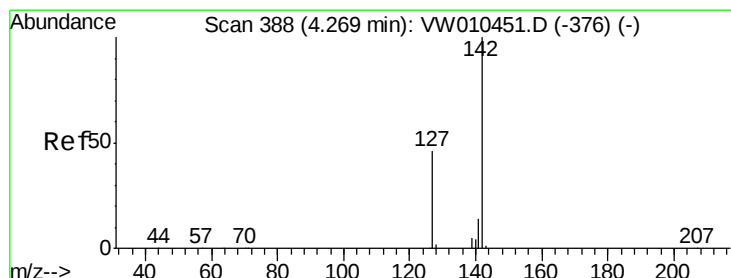
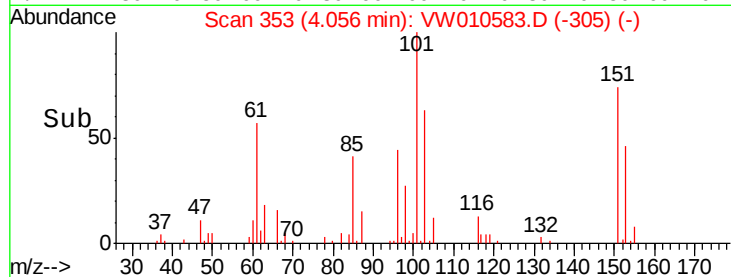
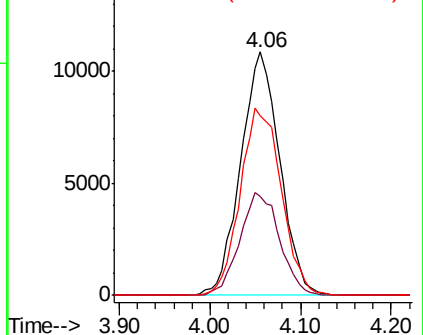


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.709 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

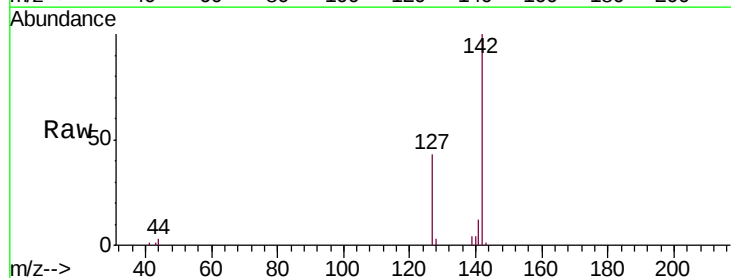
Tgt Ion:142 Resp: 27205

Ion Ratio Lower Upper

142 100

127 43.7 36.1 54.1

141 13.6 11.3 16.9

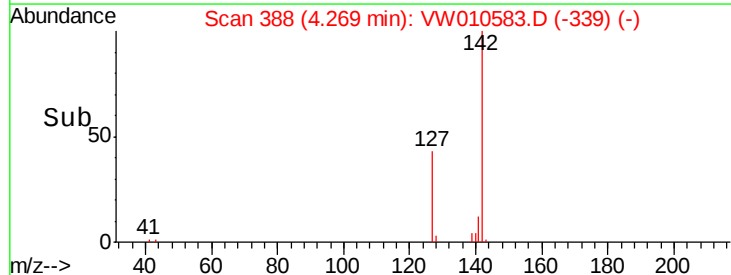
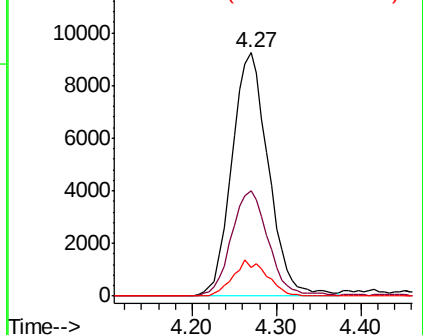


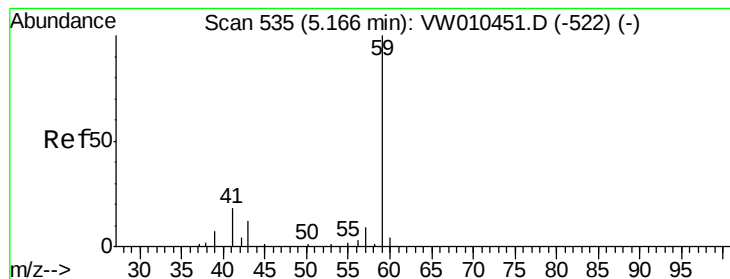
Abundance

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



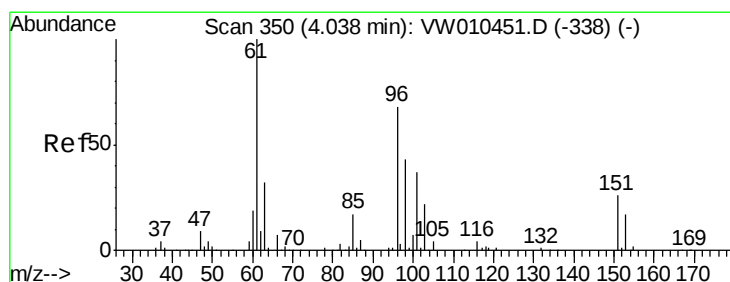
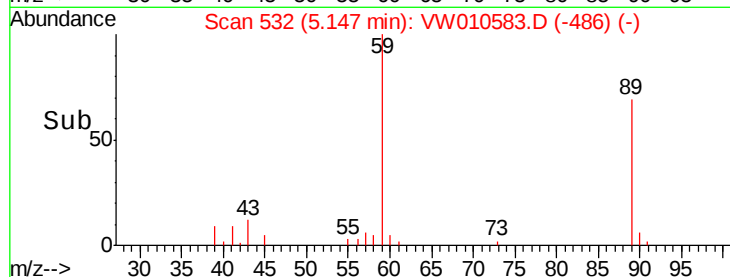
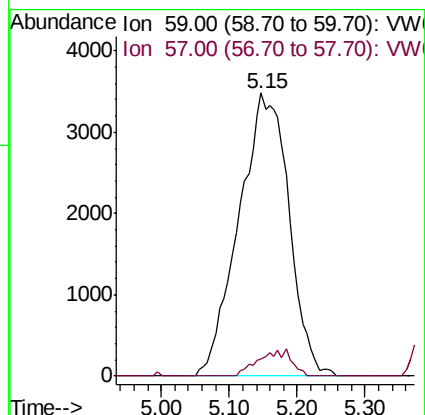
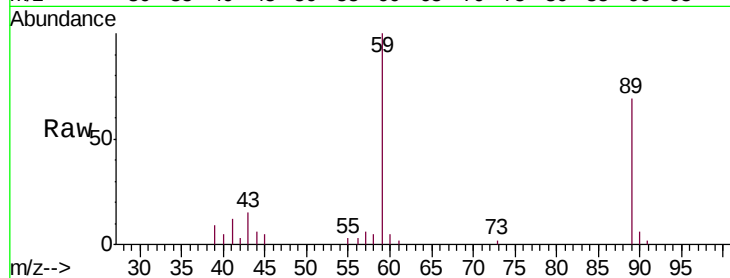


#11

Tert butyl alcohol
 Concen: 139.963 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

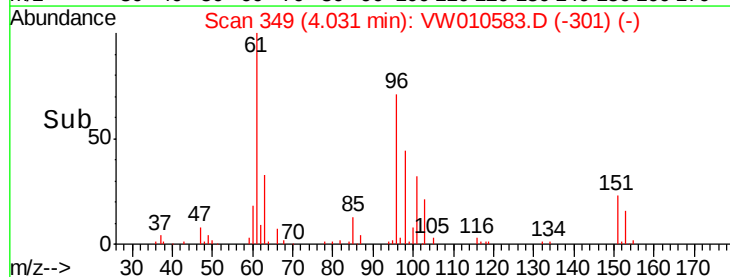
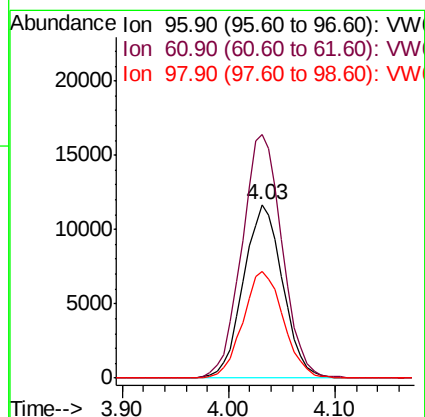
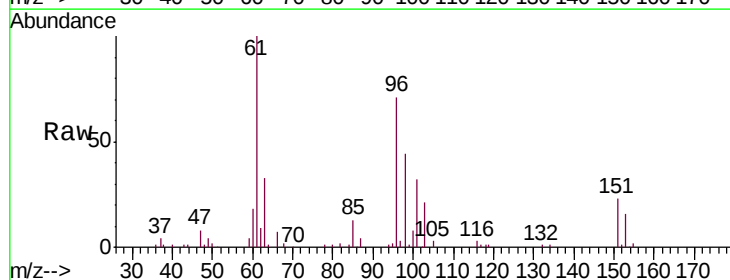
Tgt Ion: 59 Resp: 17793
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

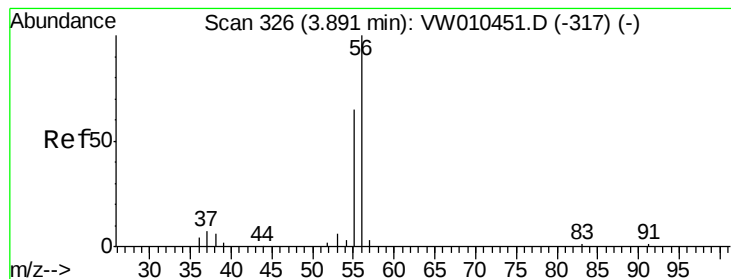


#12

1,1-Dichloroethene
 Concen: 20.898 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 96 Resp: 30225
 Ion Ratio Lower Upper
 96 100
 61 140.5 118.3 177.5
 98 61.4 51.0 76.6





#13

Acrolein

Concen: 72.546 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampled :

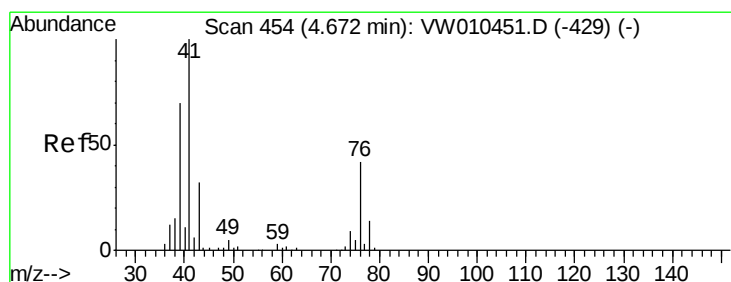
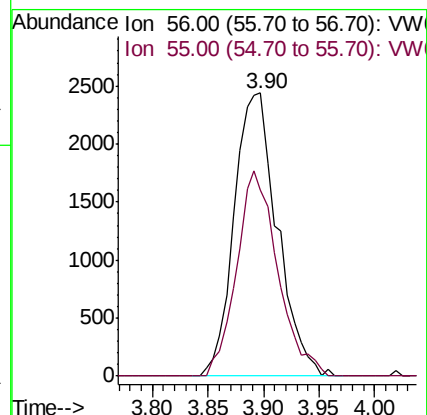
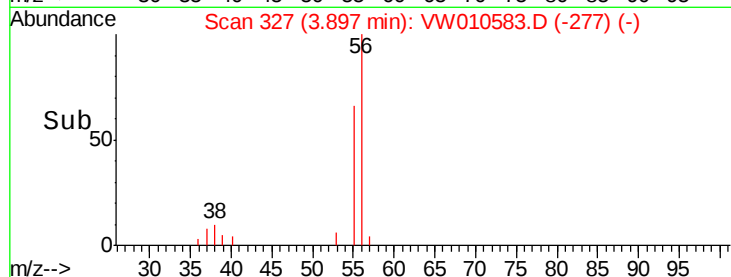
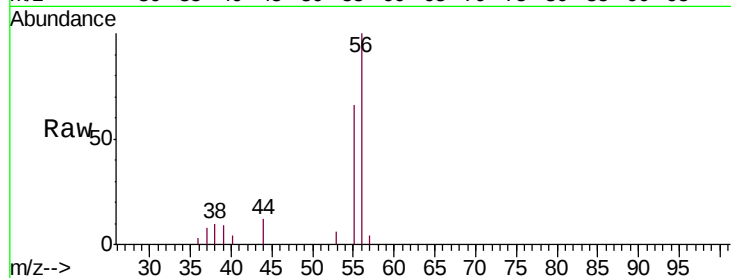
VW0529SBS01

Tgt Ion: 56 Resp: 6547

Ion Ratio Lower Upper

56 100

55 69.1 57.9 86.9



#14

Allyl chloride

Concen: 19.689 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

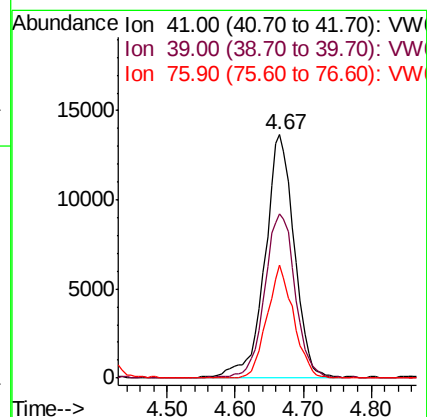
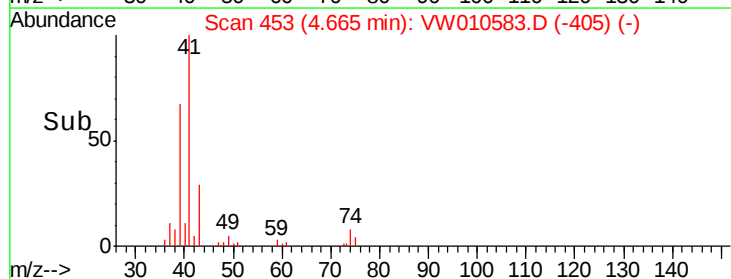
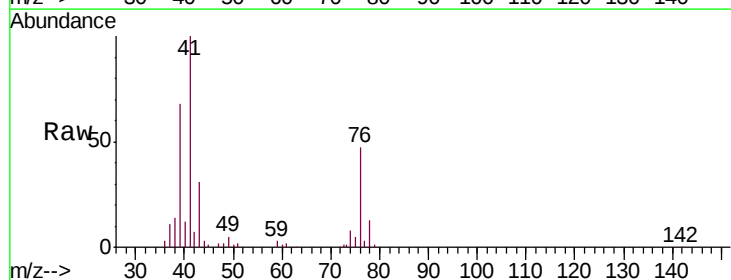
Tgt Ion: 41 Resp: 41219

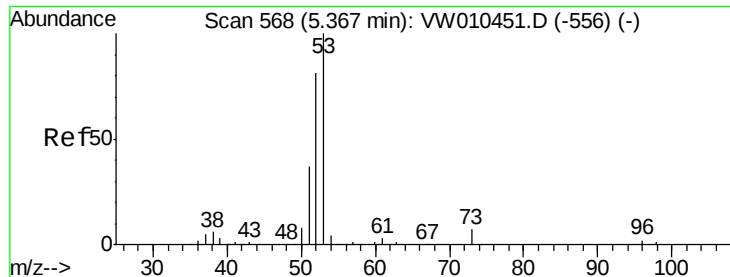
Ion Ratio Lower Upper

41 100

39 70.0 55.0 82.4

76 42.1 32.8 49.2





#15

Acrylonitrile

Concen: 91.129 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

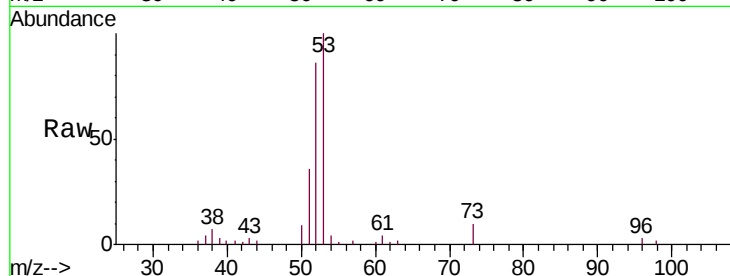
Tgt Ion: 53 Resp: 29764

Ion Ratio Lower Upper

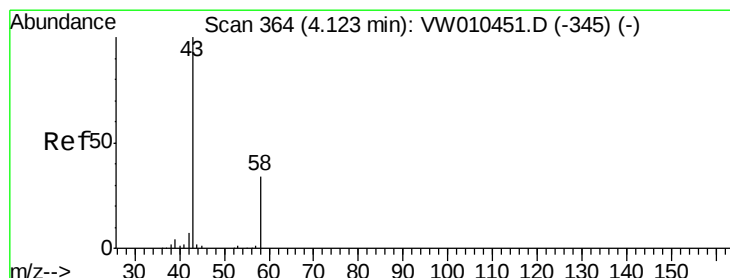
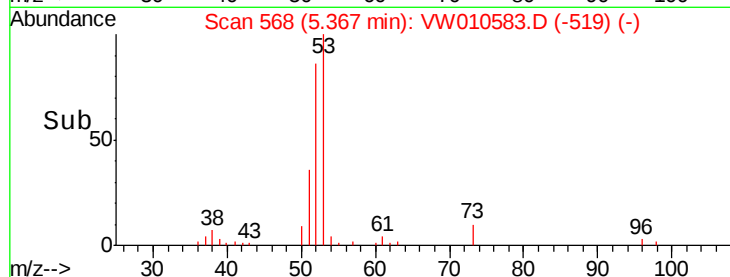
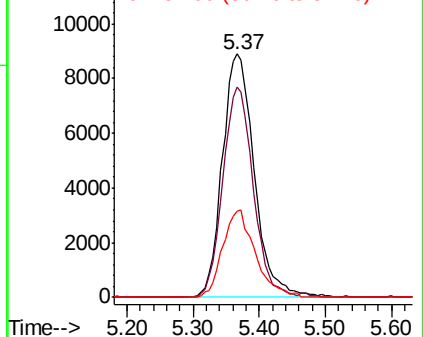
53 100

52 81.9 65.6 98.4

51 36.7 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: 98.288 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010583.D

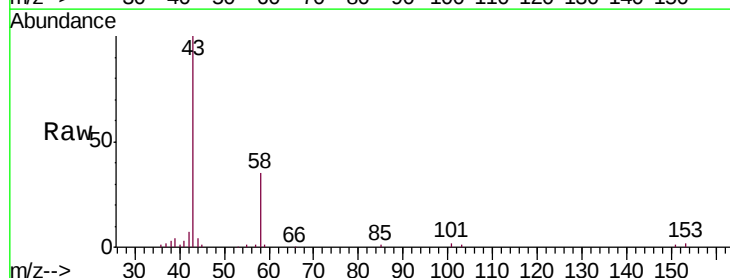
Acq: 29 May 2019 11:39

Tgt Ion: 43 Resp: 28355

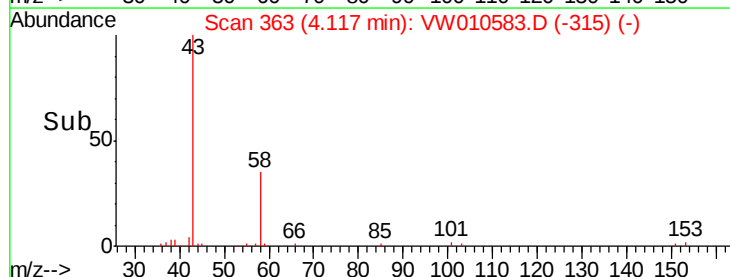
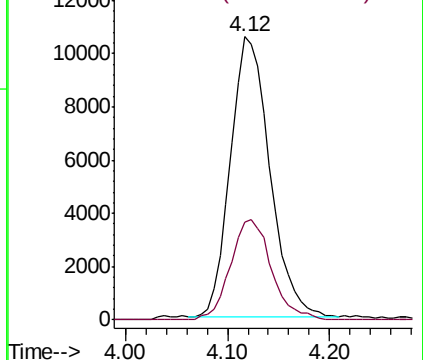
Ion Ratio Lower Upper

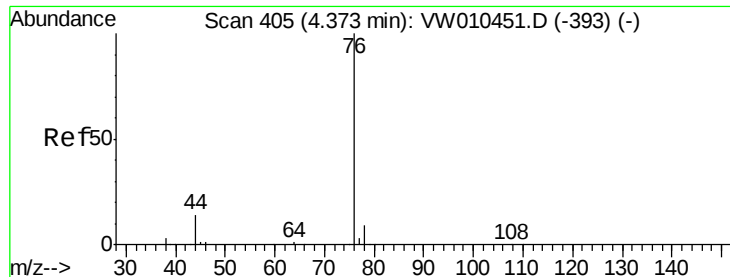
43 100

58 34.9 27.0 40.4



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

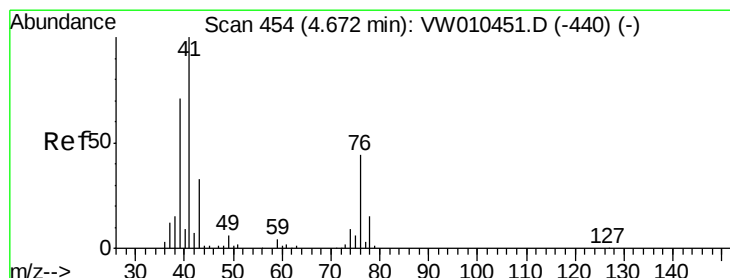
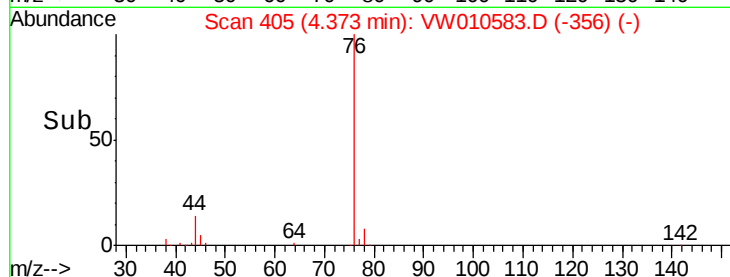
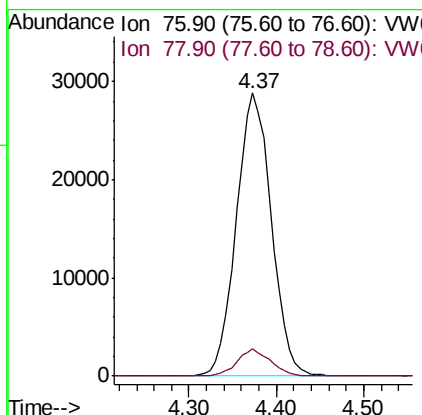
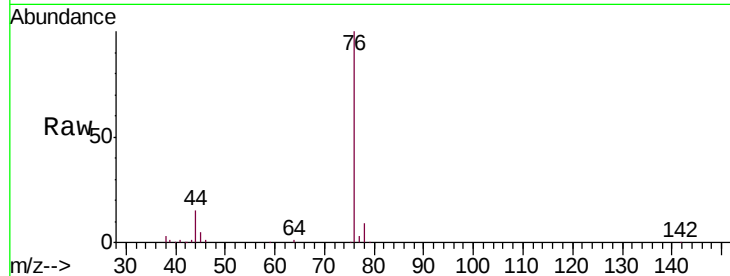




#17
Carbon Disulfide
Concen: 18.604 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

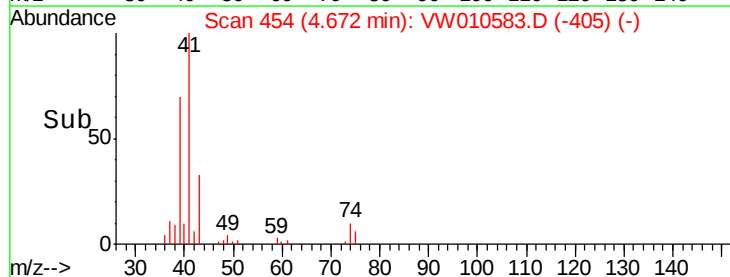
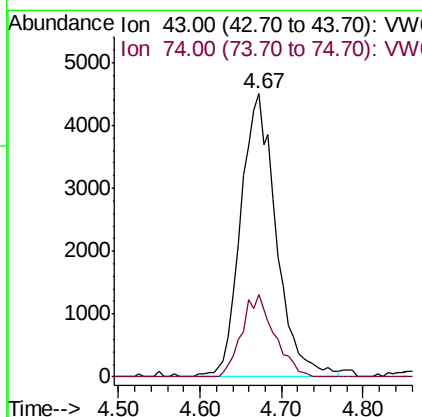
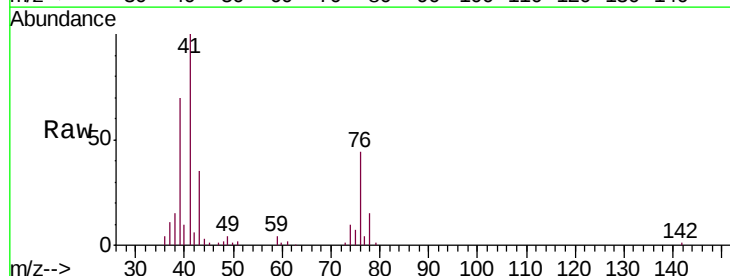
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

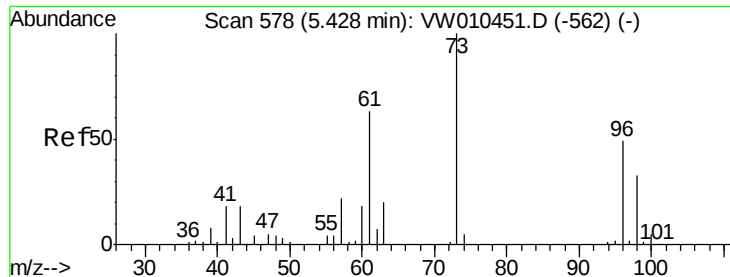
Tgt Ion: 76 Resp: 80257
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 19.342 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 43 Resp: 13647
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4

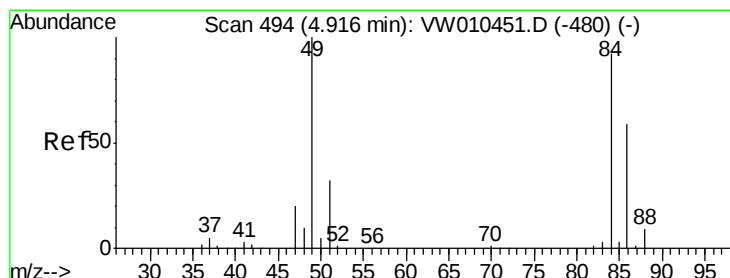
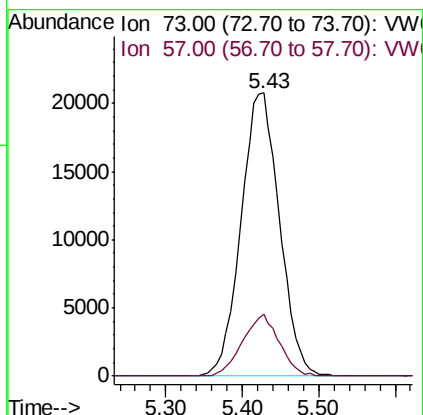
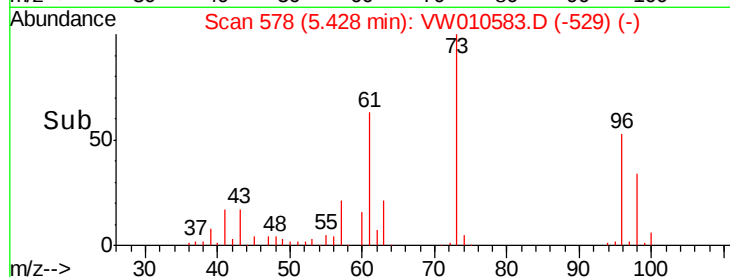
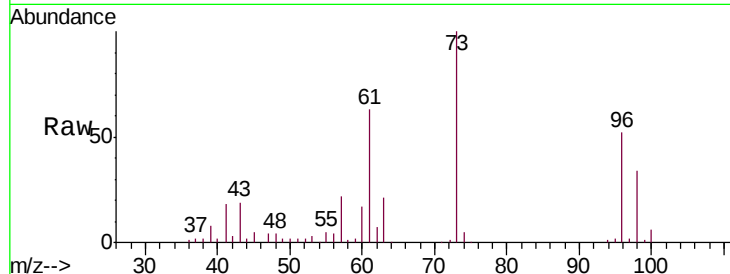




#19
Methyl tert-butyl Ether
Concen: 19.697 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

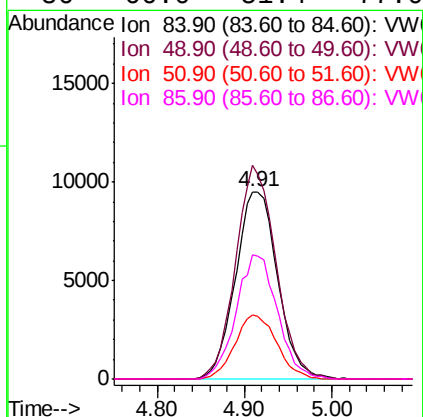
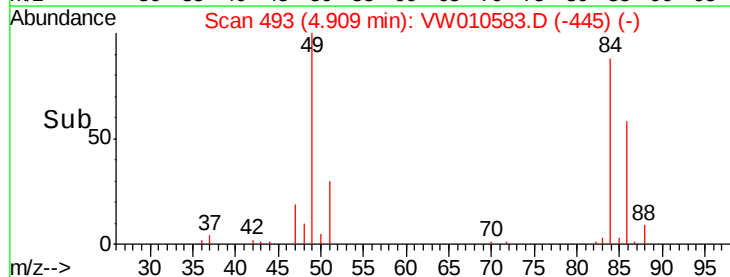
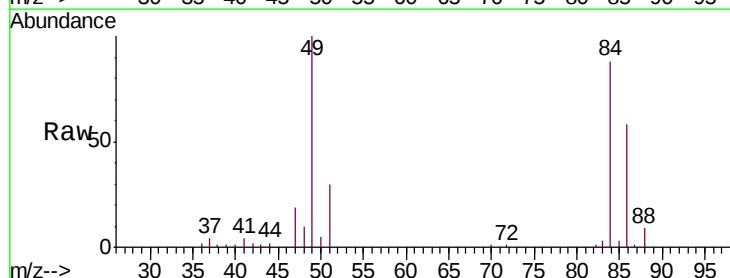
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

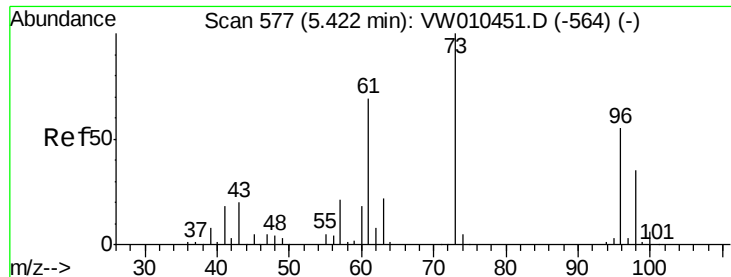
Tgt Ion: 73 Resp: 72625
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 15.314 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 84 Resp: 31877
Ion Ratio Lower Upper
84 100
49 114.1 87.2 130.8
51 33.9 27.7 41.5
86 66.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 21.267 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

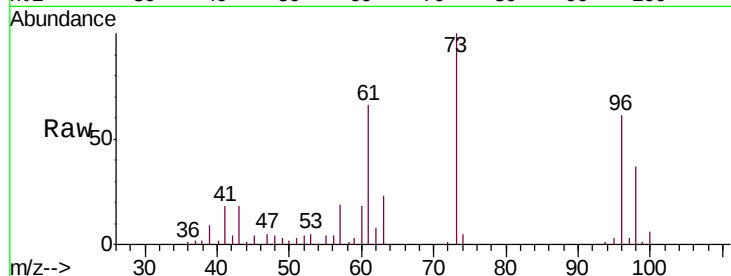
Tgt Ion: 96 Resp: 35281

Ion Ratio Lower Upper

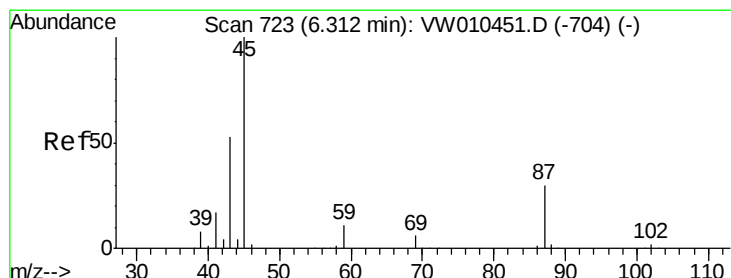
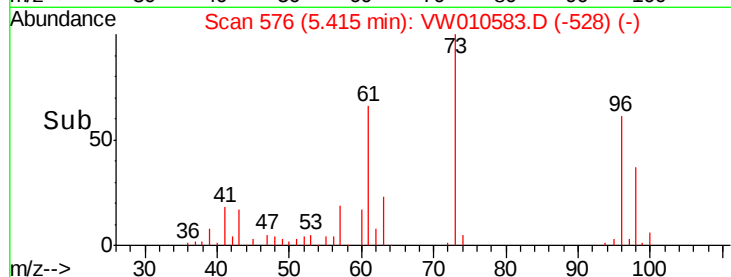
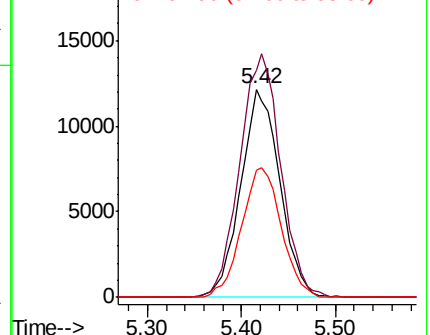
96 100

61 109.3 101.4 152.0

98 61.2 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: 20.026 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Tgt Ion: 45 Resp: 85967

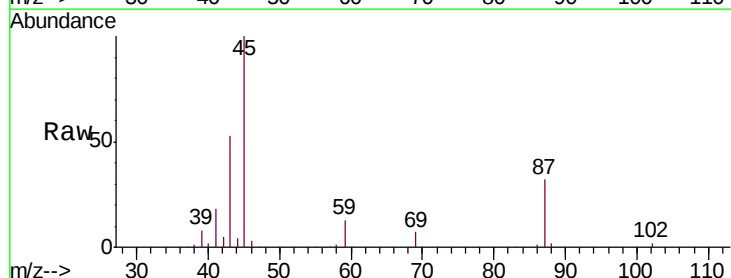
Ion Ratio Lower Upper

45 100

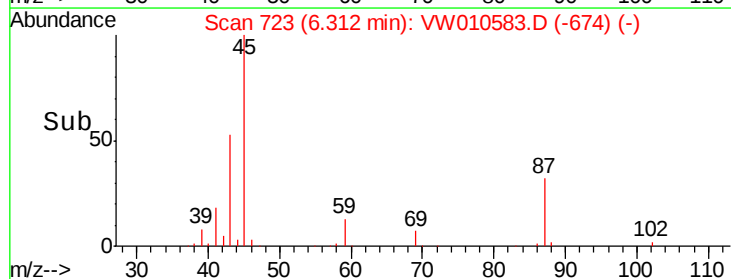
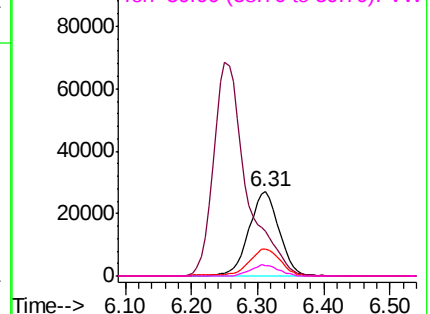
43 52.9 42.9 64.3

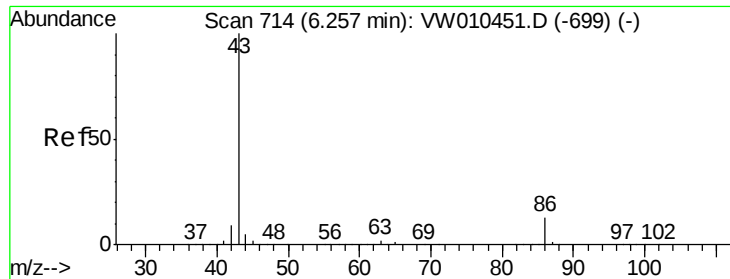
87 31.9 24.6 36.8

59 12.6 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: 92.092 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

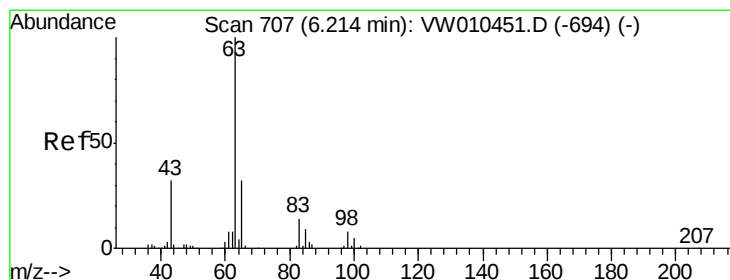
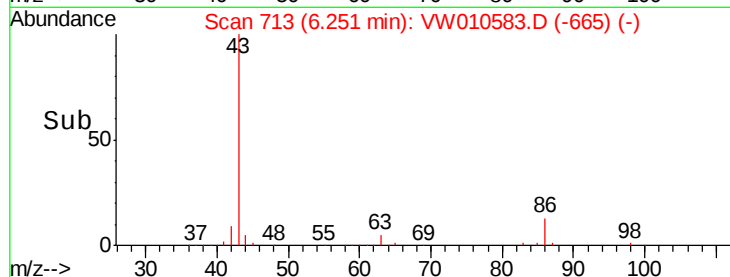
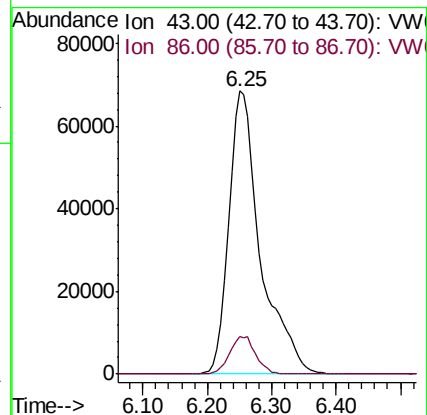
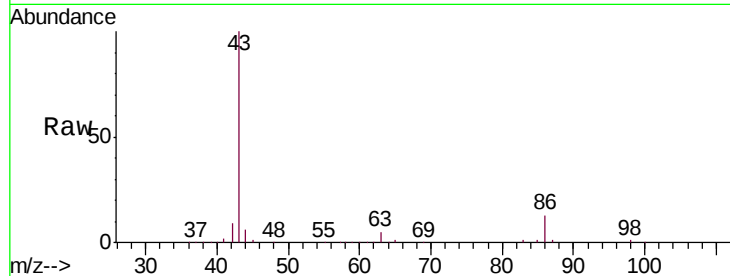
VW0529SBS01

Tgt Ion: 43 Resp: 236143

Ion Ratio Lower Upper

43 100

86 13.4 10.3 15.5



#24

1,1-Dichloroethane

Concen: 21.005 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

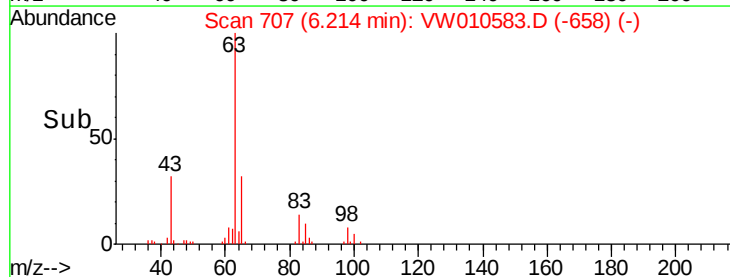
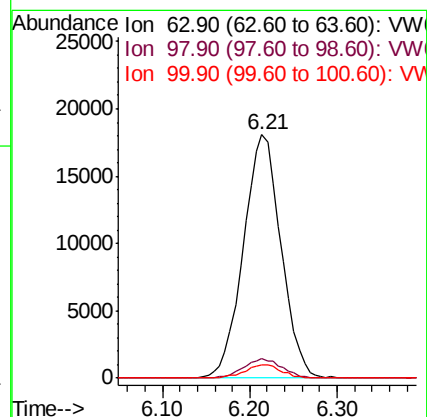
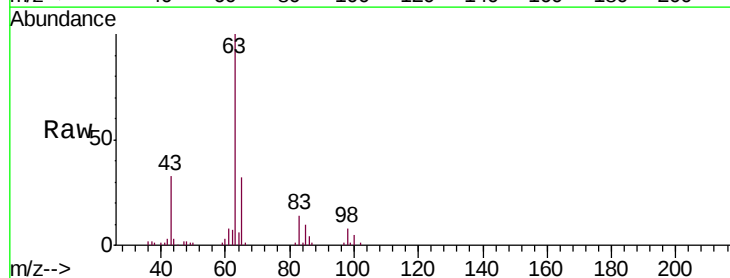
Tgt Ion: 63 Resp: 53808

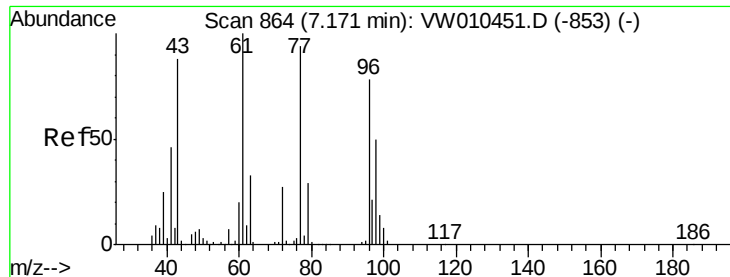
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

100 5.4 2.5 7.4





#25

2-Butanone

Concen: 95.853 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

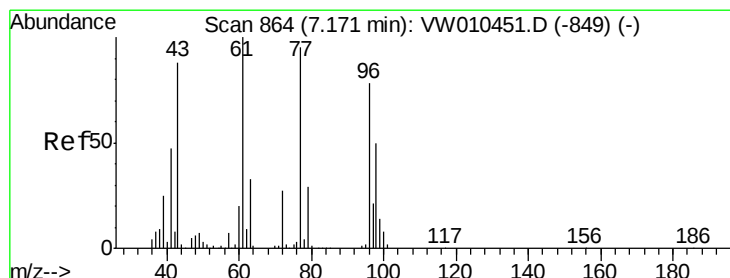
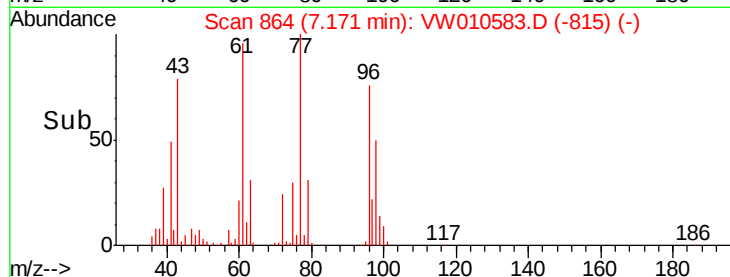
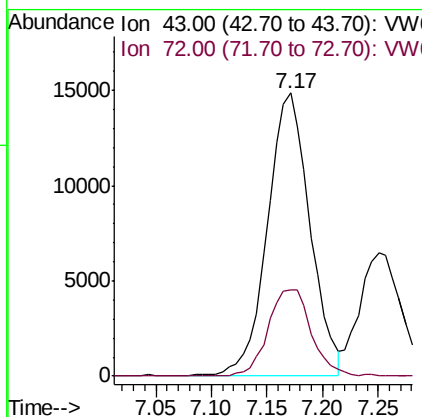
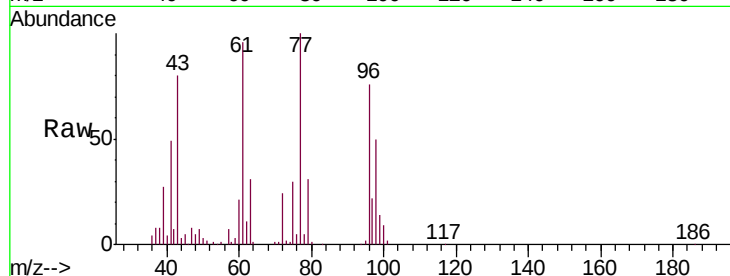
VW0529SBS01

Tgt Ion: 43 Resp: 39573

Ion Ratio Lower Upper

43 100

72 30.6 24.1 36.1



#26

2,2-Dichloropropane

Concen: 22.800 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010583.D

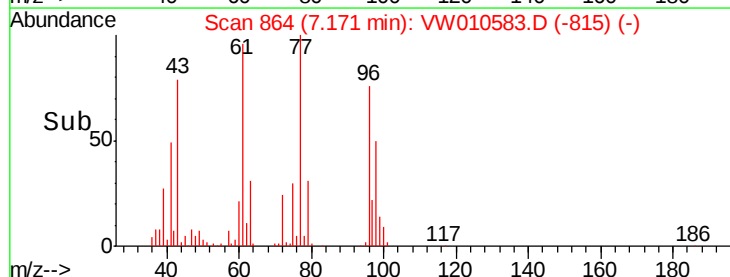
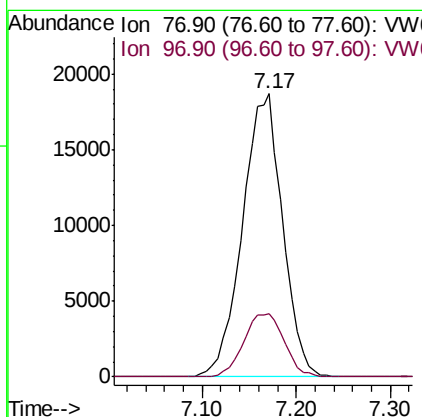
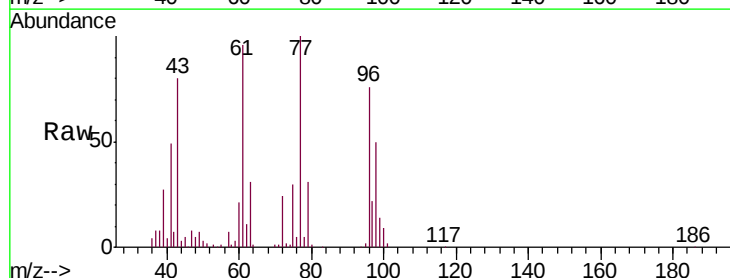
Acq: 29 May 2019 11:39

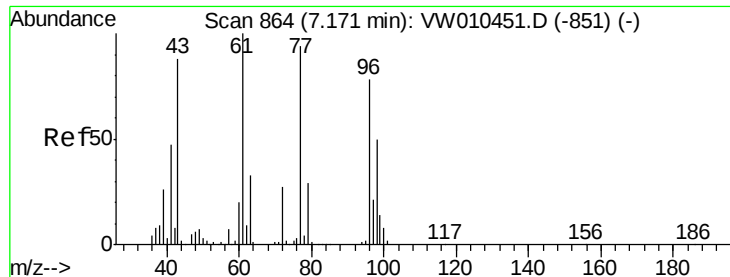
Tgt Ion: 77 Resp: 55635

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0



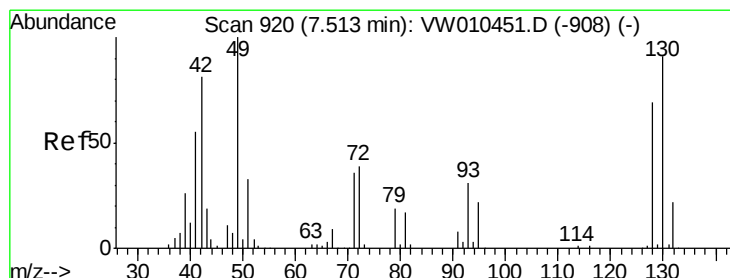
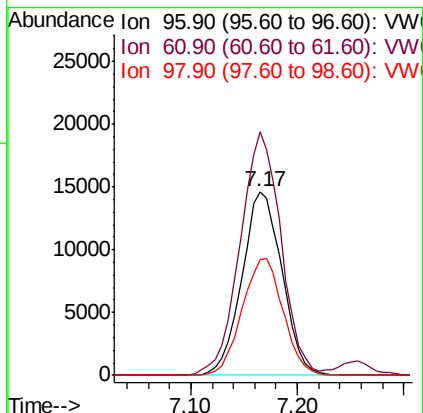
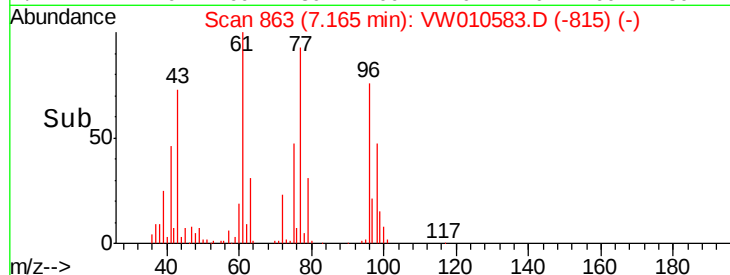
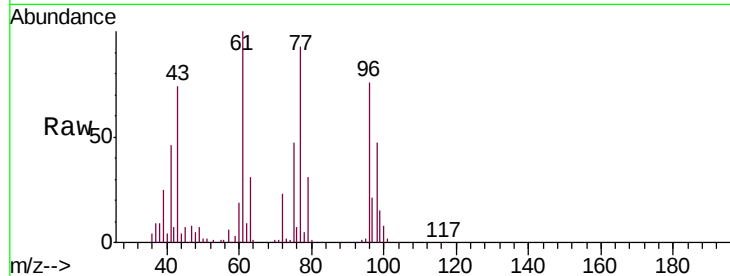


#27

cis-1,2-Dichloroethene
Concen: 21.423 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

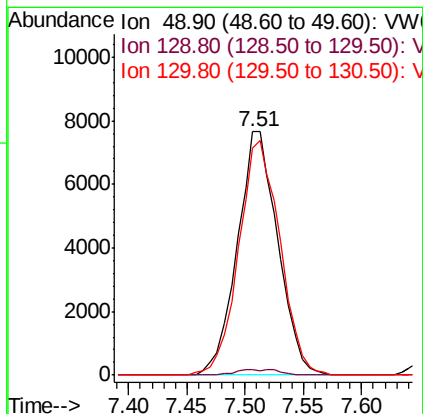
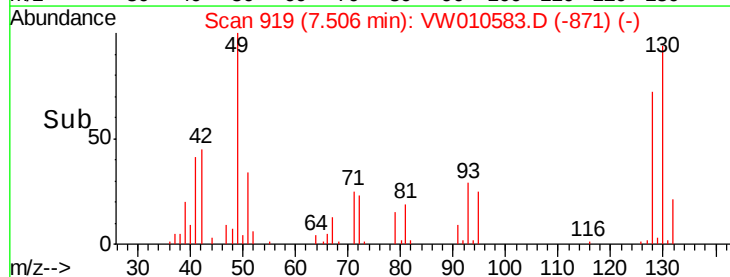
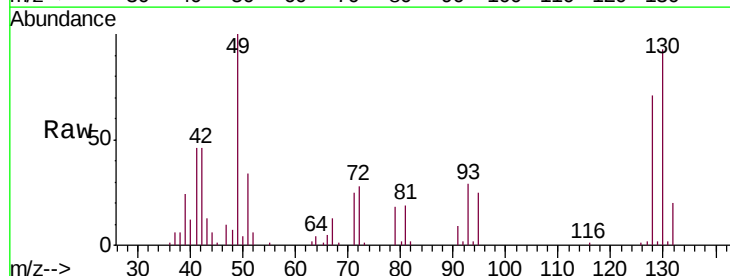
Tgt Ion: 96 Resp: 38637
Ion Ratio Lower Upper
96 100
61 135.2 0.0 265.4
98 64.8 0.0 129.4

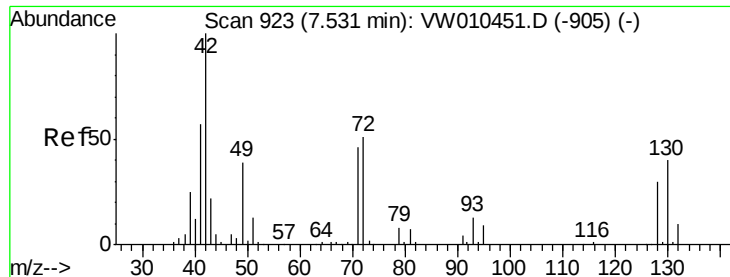


#28

Bromochloromethane
Concen: 20.232 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 49 Resp: 18556
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 97.6 71.2 106.8

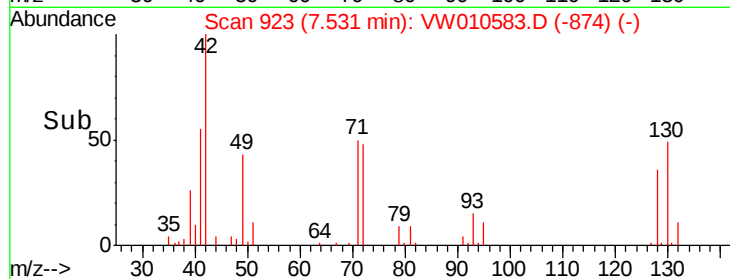
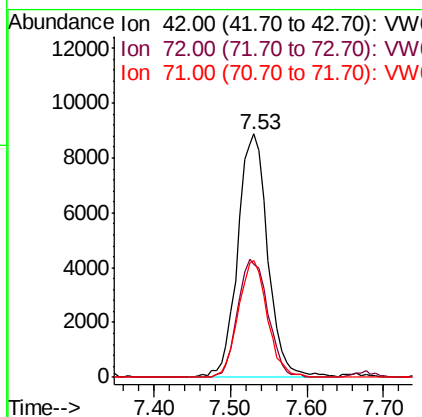
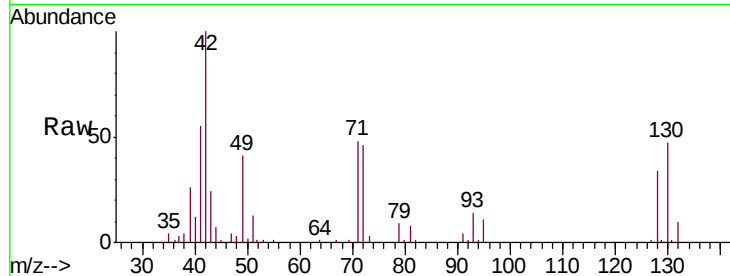




#29
Tetrahydrofuran
Concen: 86.660 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

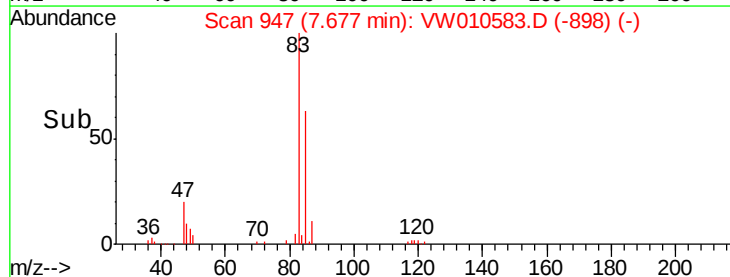
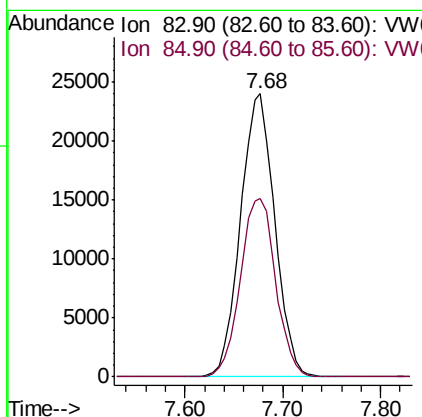
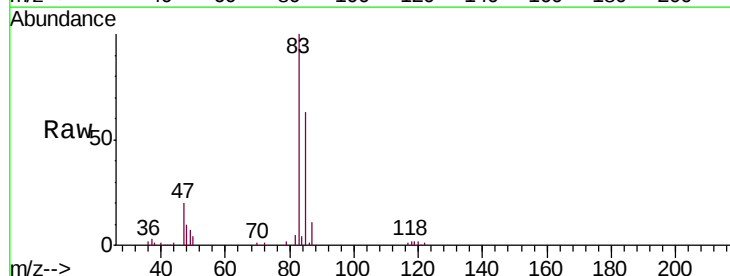
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

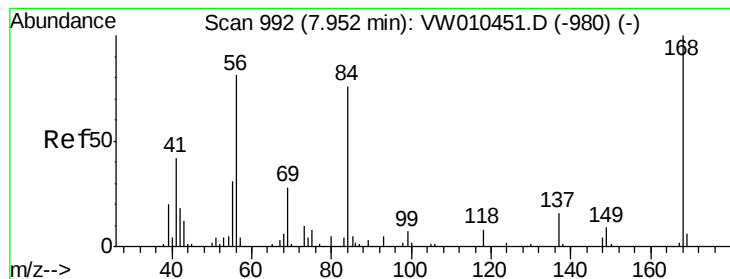
Tgt Ion: 42 Resp: 24210
Ion Ratio Lower Upper
42 100
72 48.9 38.5 57.7
71 46.2 36.5 54.7



#30
Chloroform
Concen: 21.087 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 83 Resp: 58267
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4





#31

Cyclohexane

Concen: 20.138 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

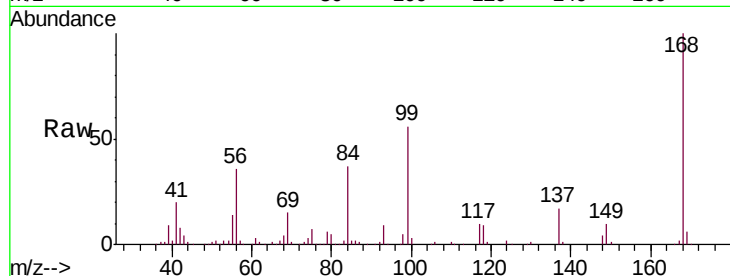
Tgt Ion: 56 Resp: 54037

Ion Ratio Lower Upper

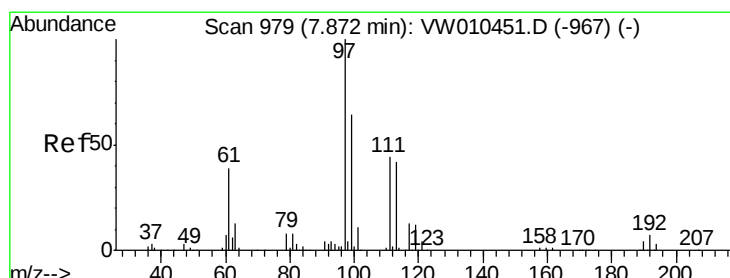
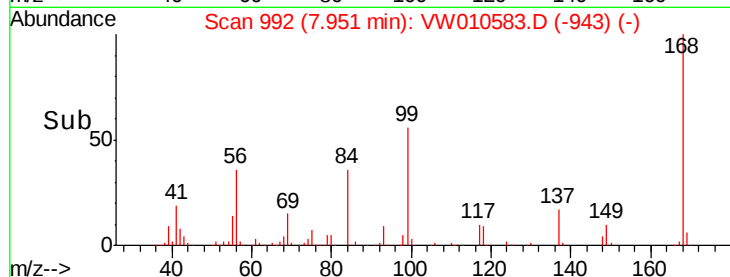
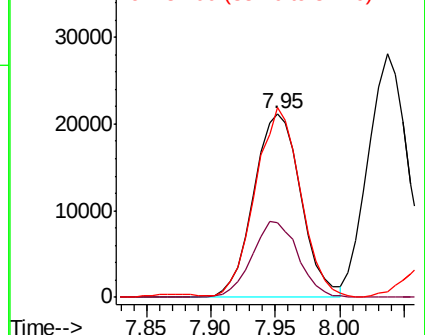
56 100

69 40.6 28.2 42.2

84 101.7 75.8 113.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.559 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

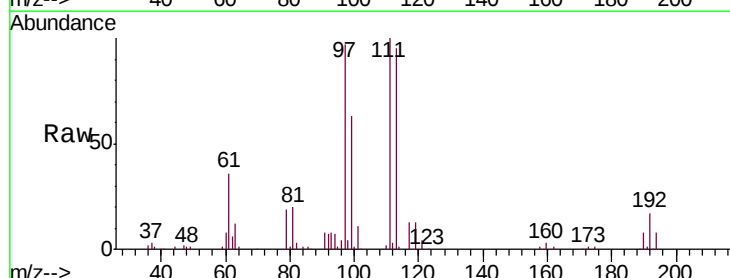
Tgt Ion: 97 Resp: 56937

Ion Ratio Lower Upper

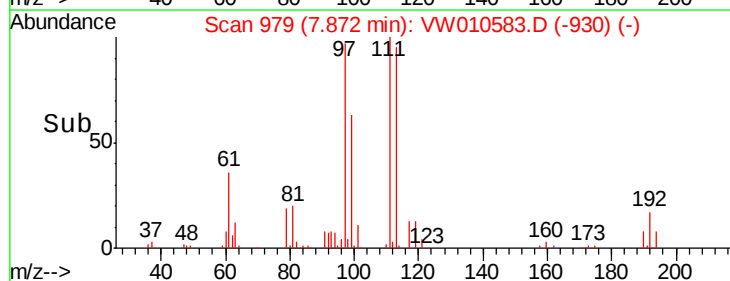
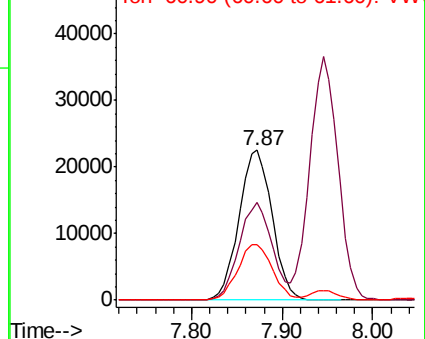
97 100

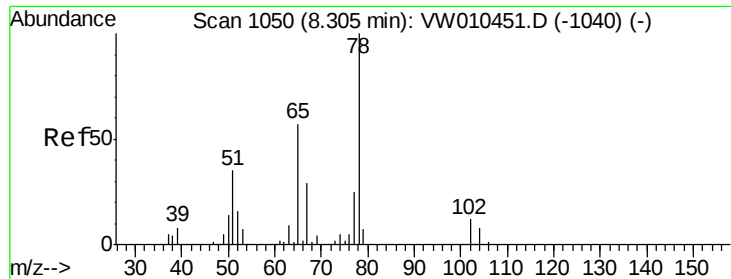
99 65.3 50.8 76.2

61 38.7 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.371 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

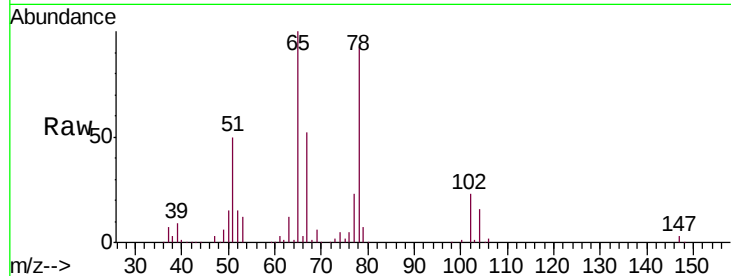
VW0529SBS01

Tgt Ion: 65 Resp: 65537

Ion Ratio Lower Upper

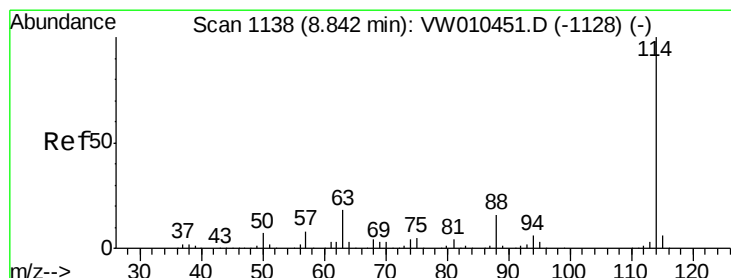
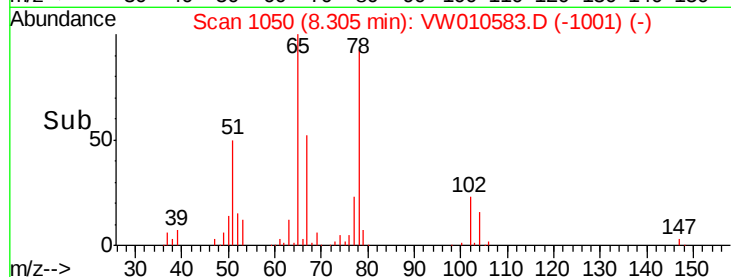
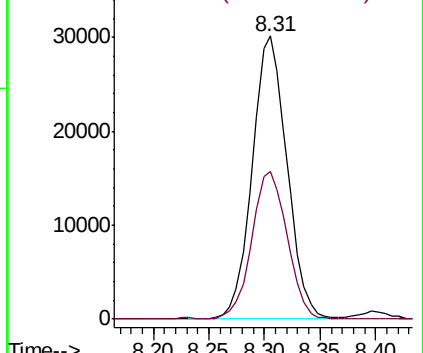
65 100

67 53.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

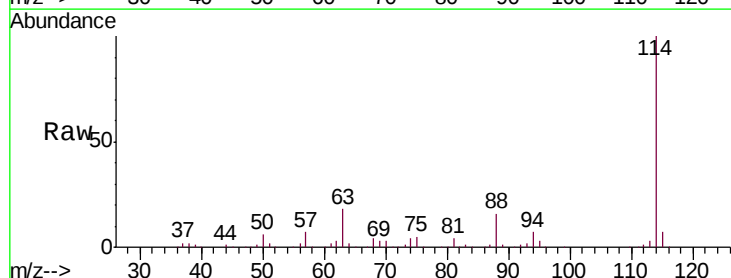
Tgt Ion: 114 Resp: 225411

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.0

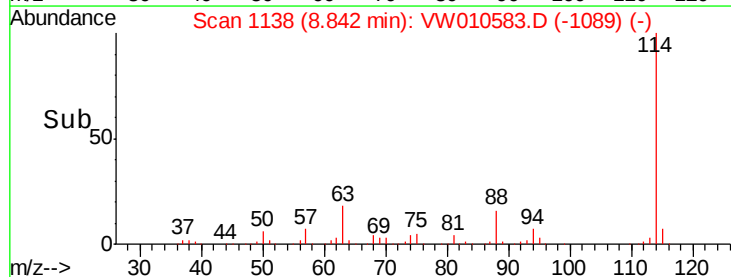
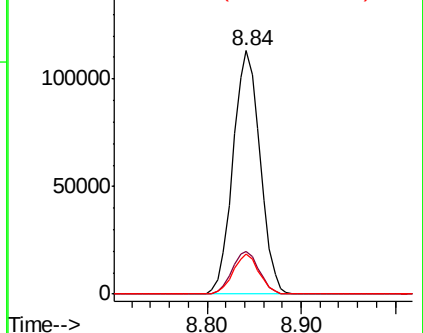
88 16.3 0.0 32.0

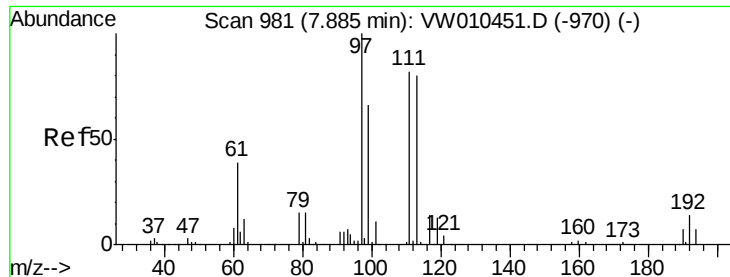


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

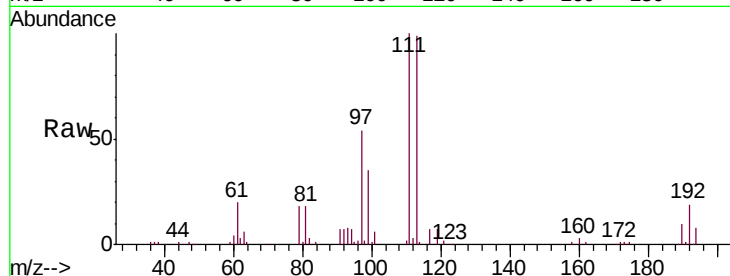
Tgt Ion:113 Resp: 69272

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

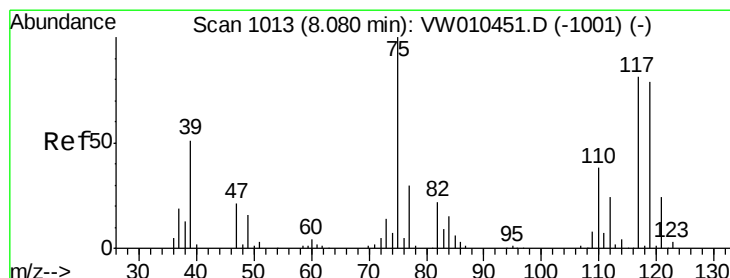
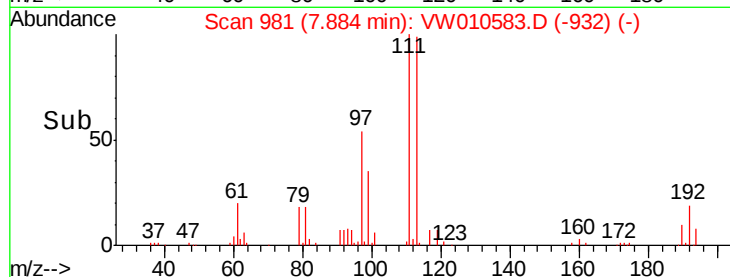
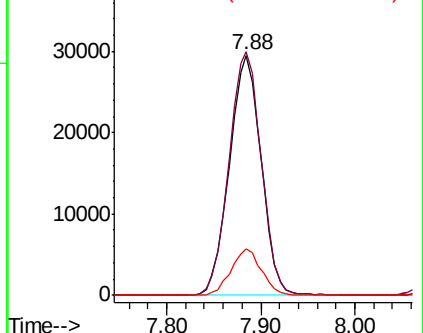
192 18.4 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.330 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

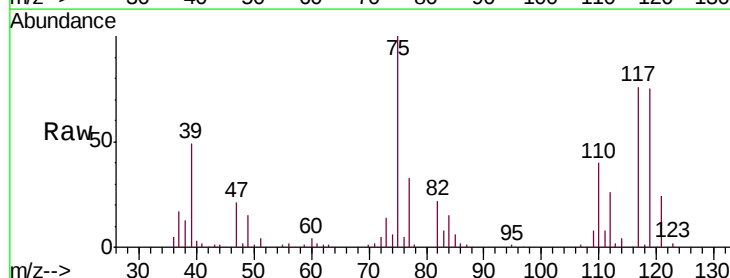
Tgt Ion: 75 Resp: 46888

Ion Ratio Lower Upper

75 100

110 39.3 19.2 57.6

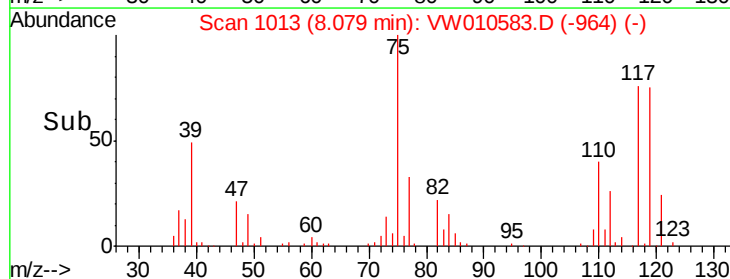
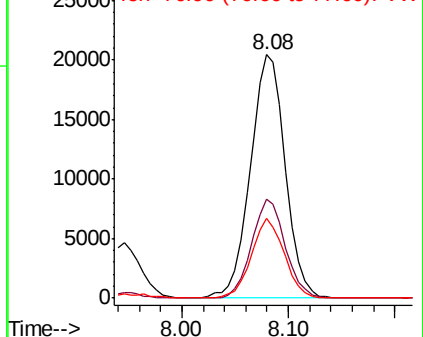
77 30.9 25.2 37.8

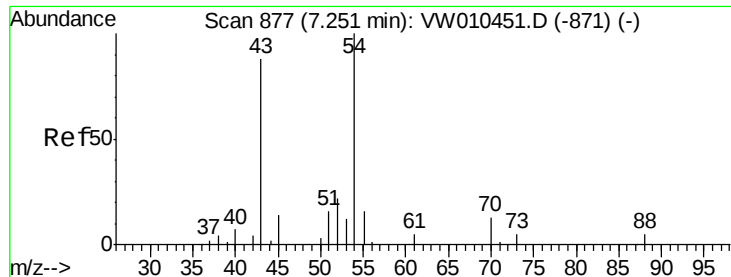


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

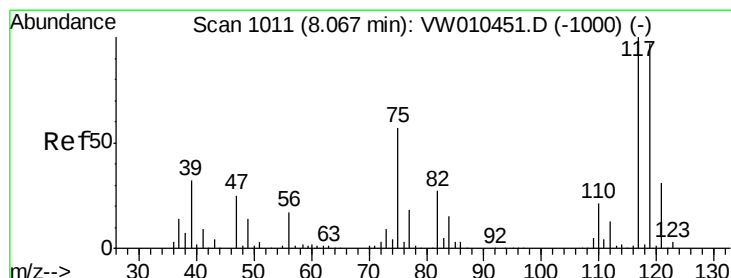
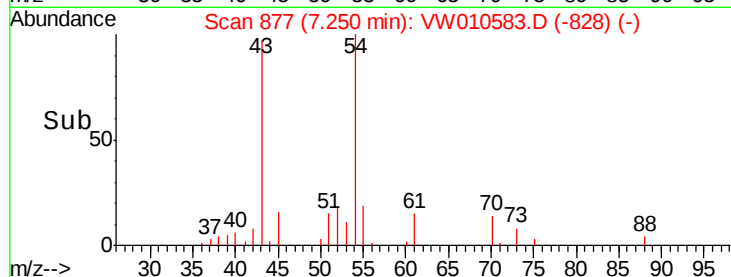
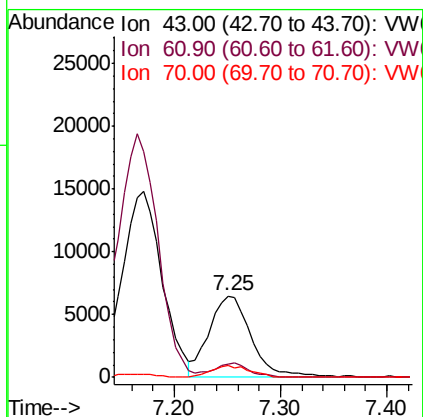
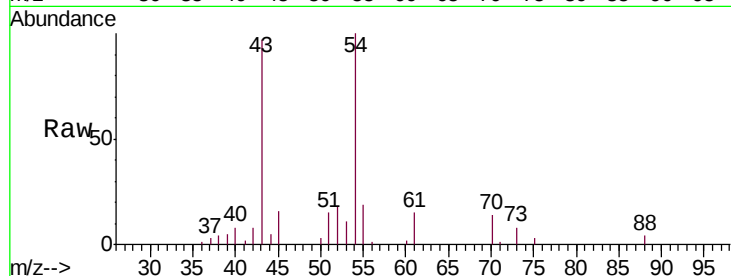




#37
Ethyl Acetate
Concen: 19.896 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

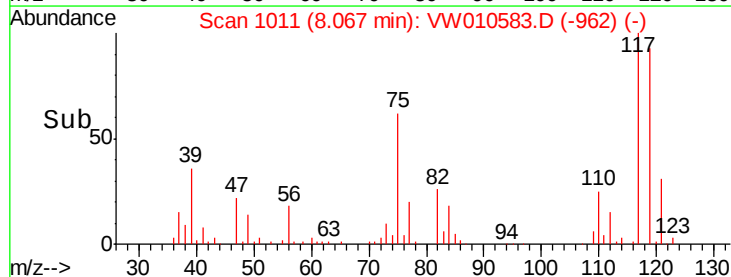
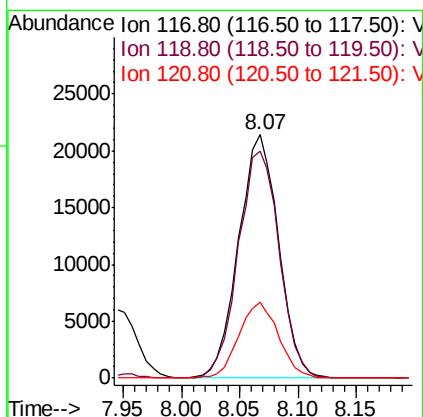
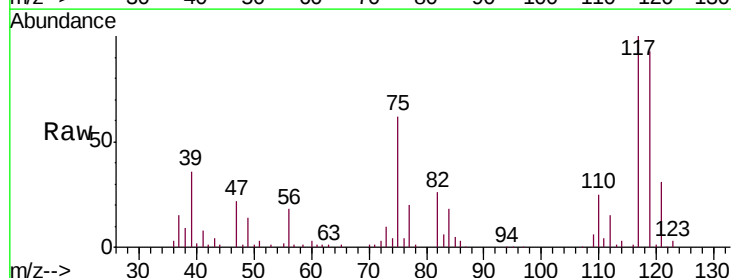
Instrument :
MSVOA_W
ClientSampled :
VW0529SBS01

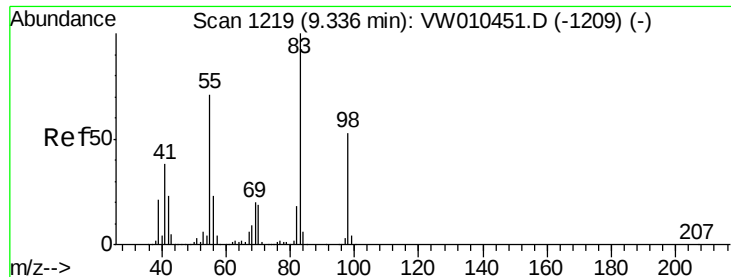
Tgt Ion: 43 Resp: 17766
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 13.2 9.9 14.9



#38
Carbon Tetrachloride
Concen: 22.637 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 117 Resp: 51277
Ion Ratio Lower Upper
117 100
119 93.4 77.4 116.0
121 31.1 25.0 37.6

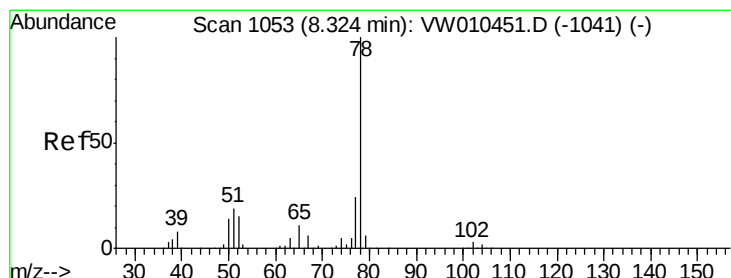
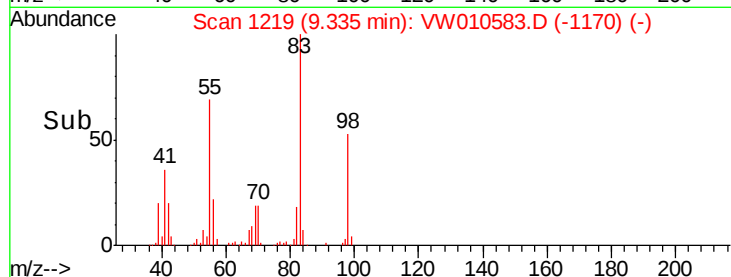
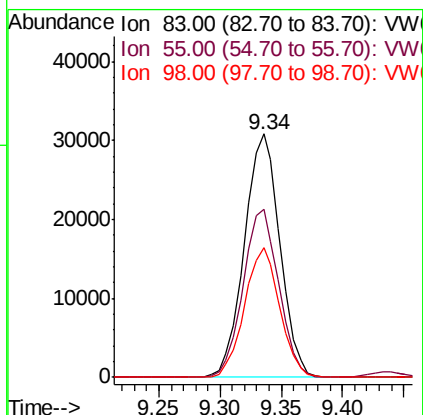
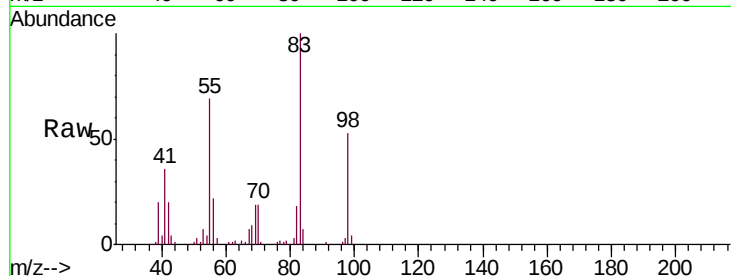




#39
Methylcyclohexane
Concen: 22.126 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

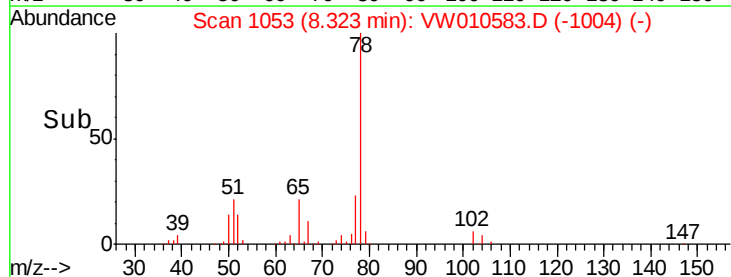
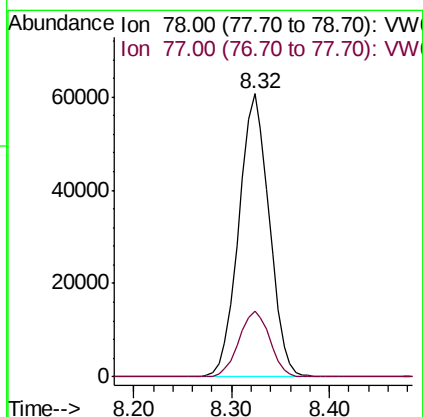
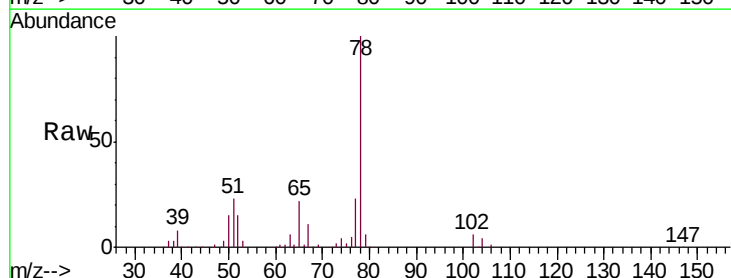
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

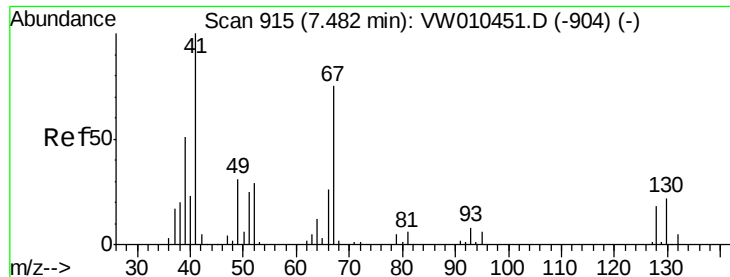
Tgt Ion: 83 Resp: 62247
Ion Ratio Lower Upper
83 100
55 69.2 57.0 85.6
98 53.4 42.0 63.0



#40
Benzene
Concen: 22.459 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 78 Resp: 131077
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

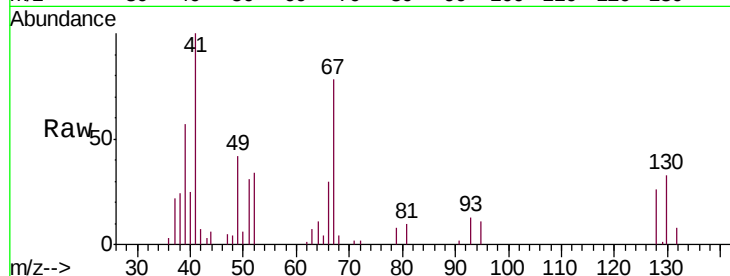




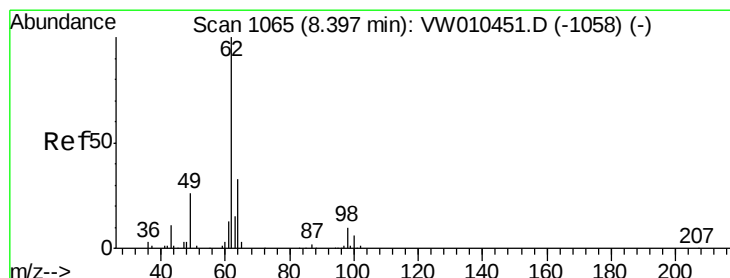
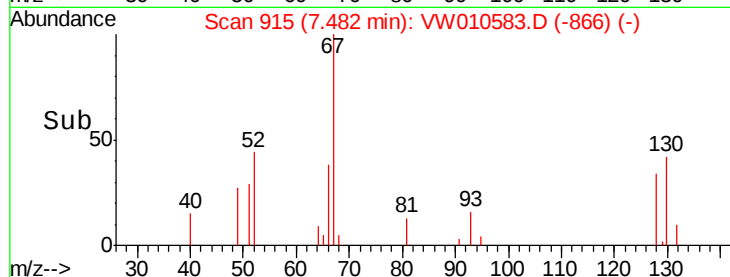
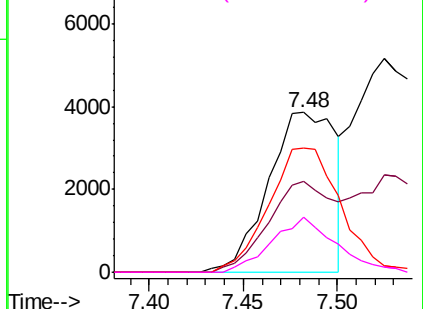
#41
Methacrylonitrile
Concen: 18.049 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Tgt Ion:	41	Resp:	9576
Ion	Ratio	Lower	Upper
41	100		
39	54.8	47.4	71.2
67	82.6	65.5	98.3
52	32.5	25.0	37.4

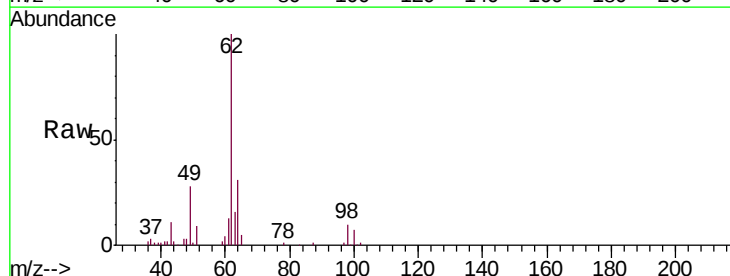


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

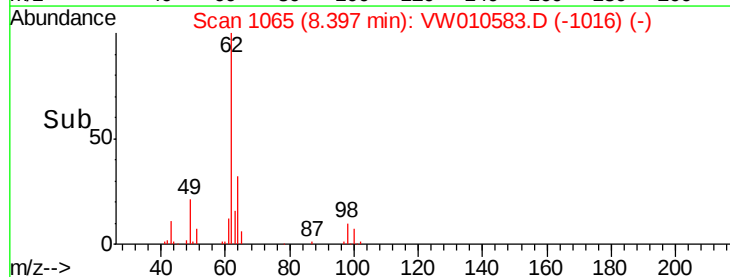
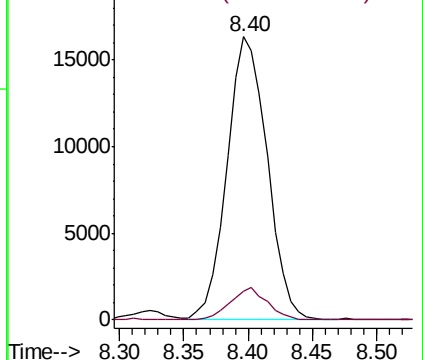


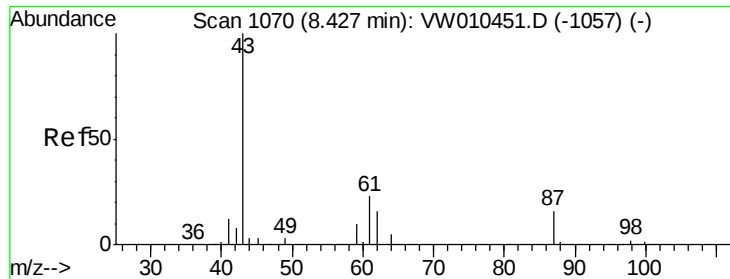
#42
1,2-Dichloroethane
Concen: 21.252 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion:	62	Resp:	35450
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

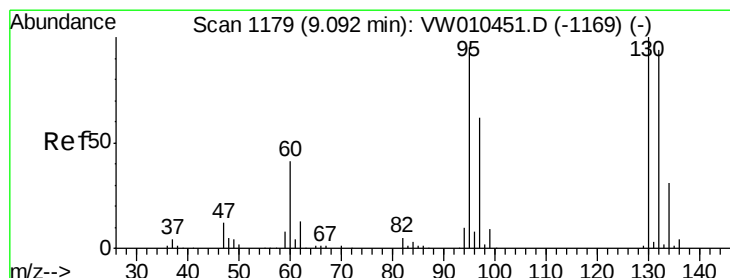
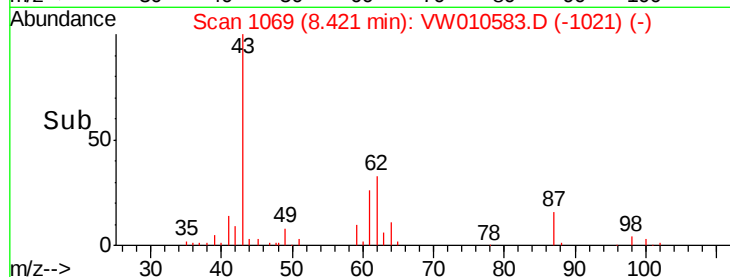
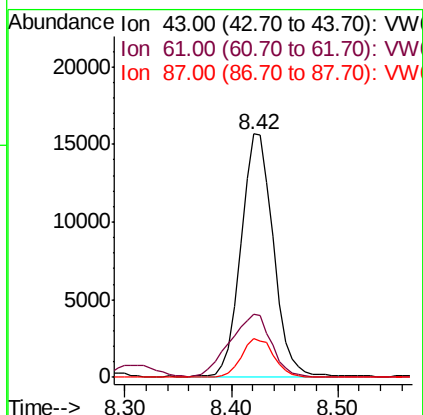
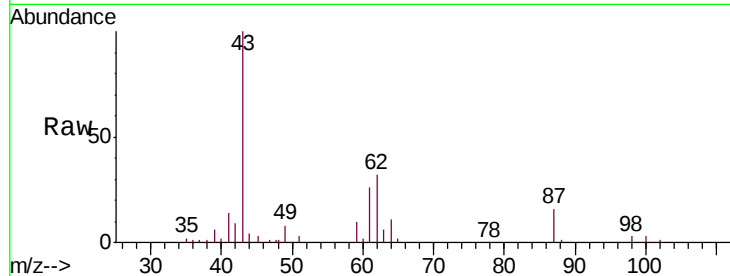




#43
Isopropyl Acetate
Concen: 18.844 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

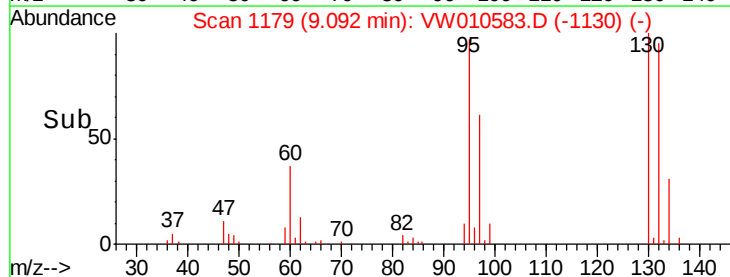
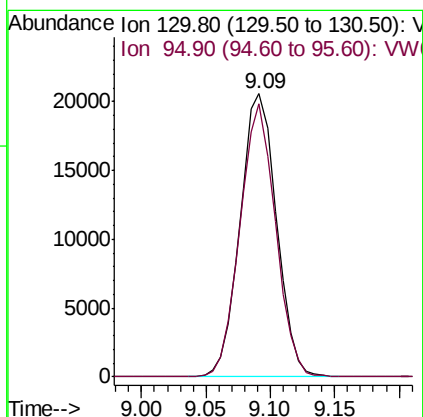
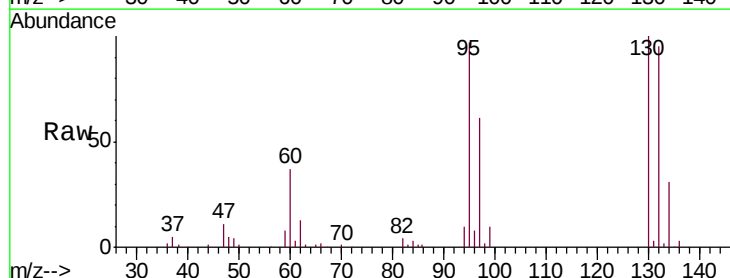
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

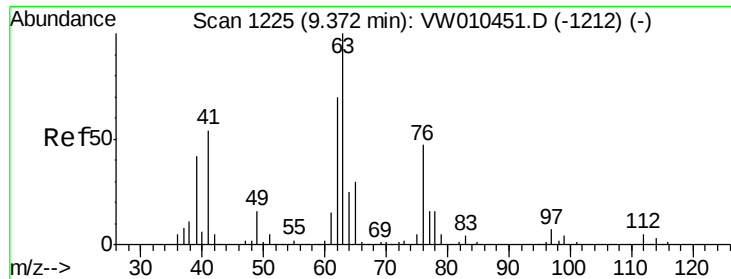
Tgt Ion: 43 Resp: 33615
Ion Ratio Lower Upper
43 100
61 33.2 25.4 38.2
87 15.9 12.7 19.1



#44
Trichloroethene
Concen: 23.233 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 130 Resp: 40255
Ion Ratio Lower Upper
130 100
95 96.6 0.0 189.6

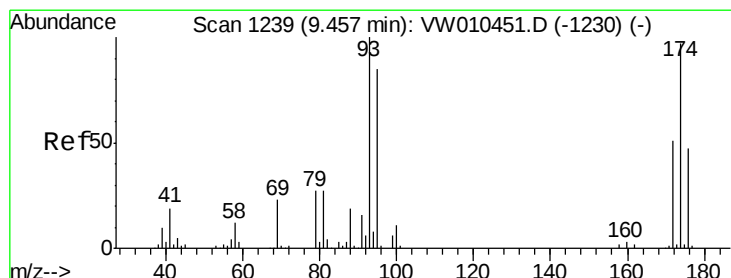
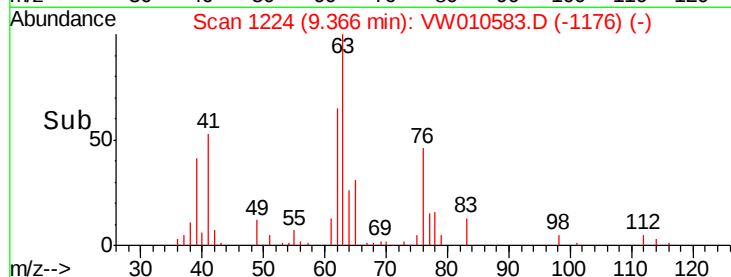
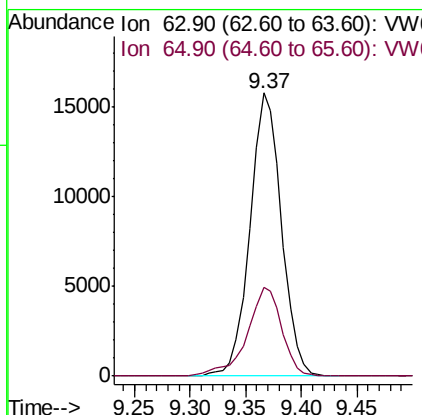
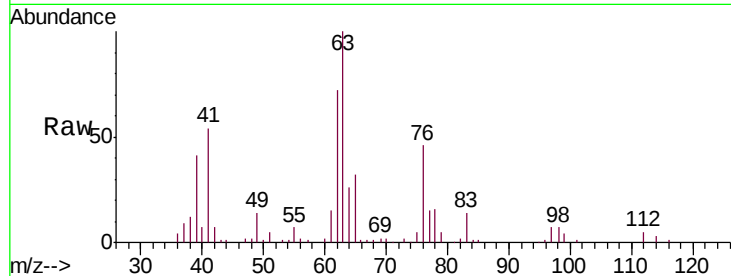




#45
 1,2-Dichloropropane
 Concen: 22.363 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

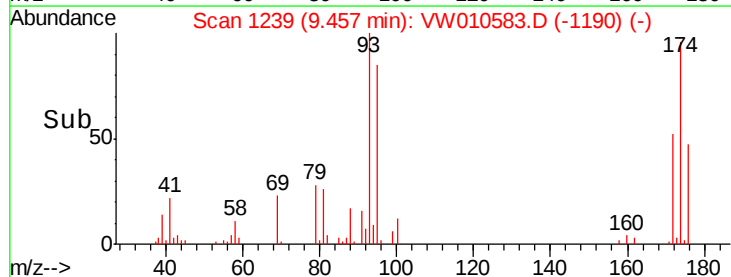
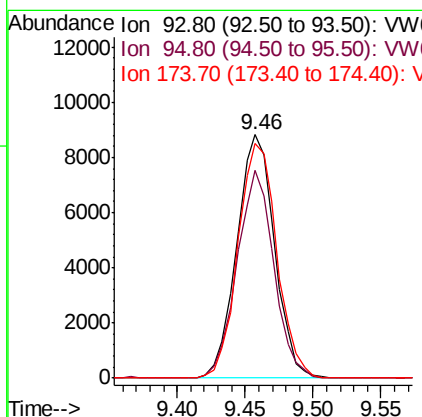
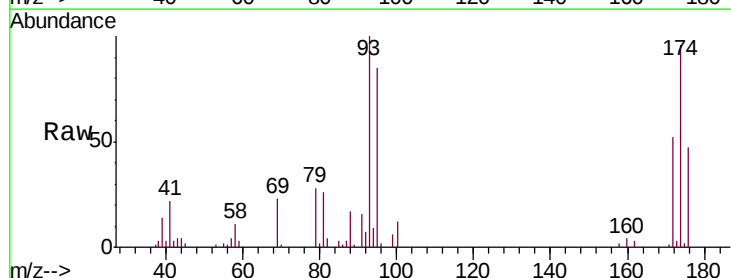
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

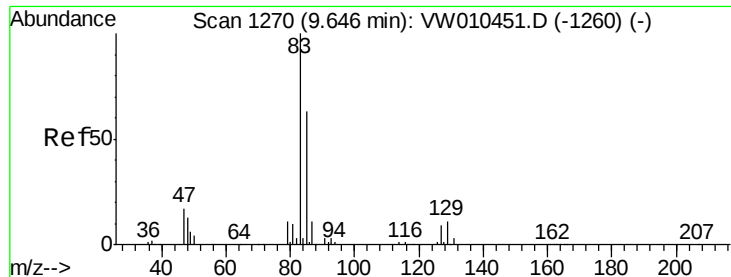
Tgt Ion: 63 Resp: 30998
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 21.097 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 93 Resp: 17102
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.1 99.1
 174 99.2 77.1 115.7





#47

Bromodichloromethane

Concen: 21.397 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

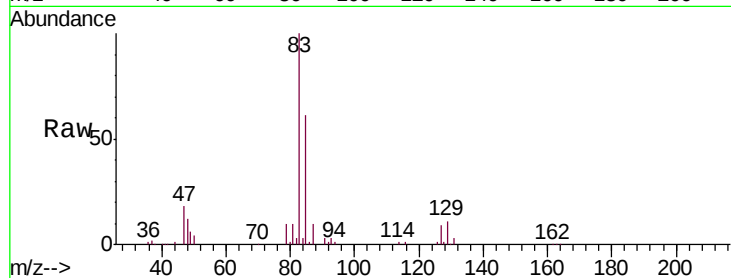
Tgt Ion: 83 Resp: 43587

Ion Ratio Lower Upper

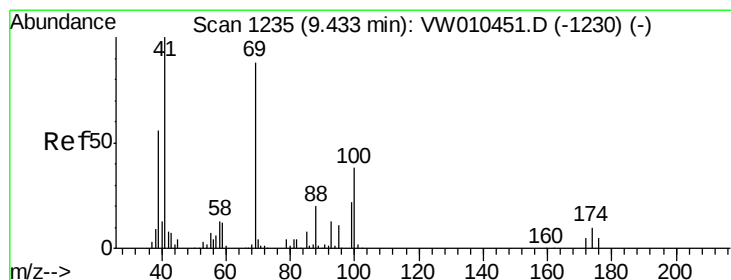
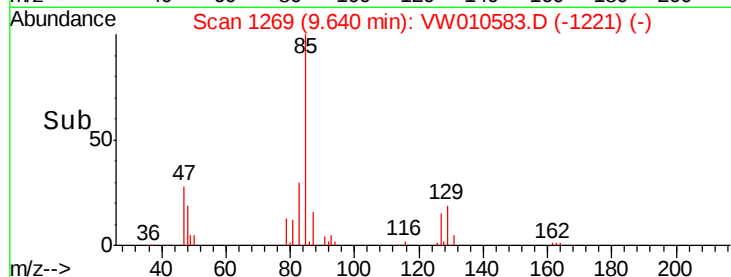
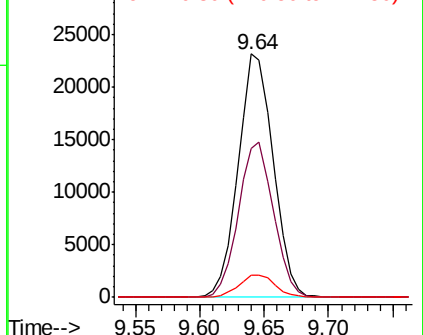
83 100

85 61.3 50.4 75.6

127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.425 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

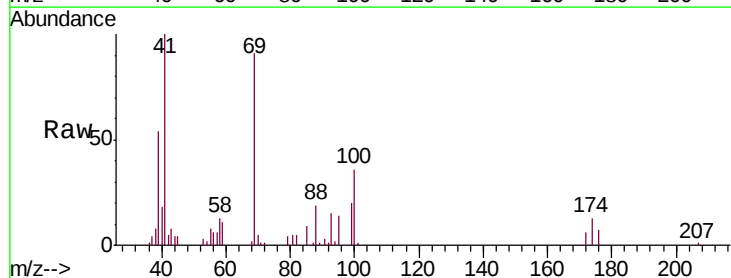
Tgt Ion: 41 Resp: 15853

Ion Ratio Lower Upper

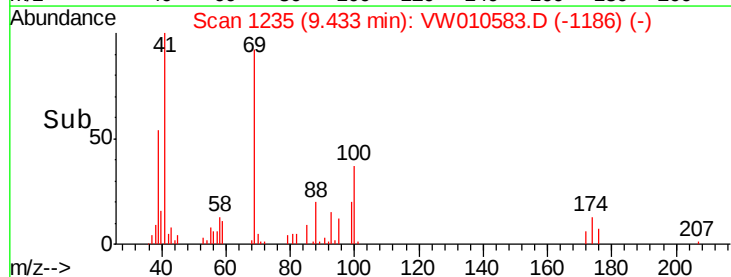
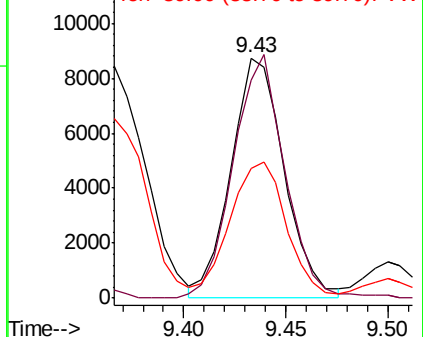
41 100

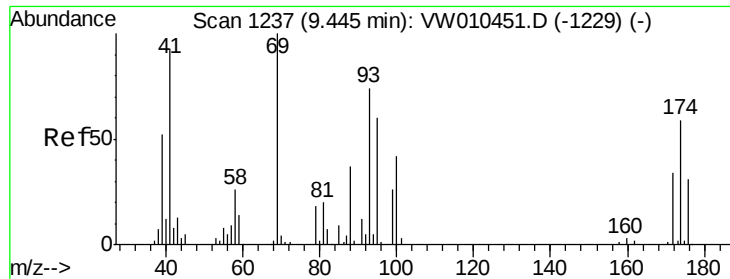
69 98.7 77.6 116.4

39 56.4 49.8 74.8



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

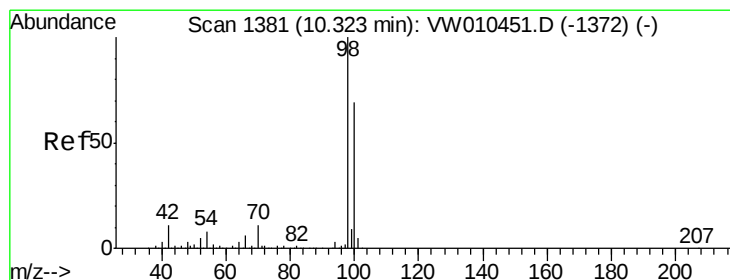
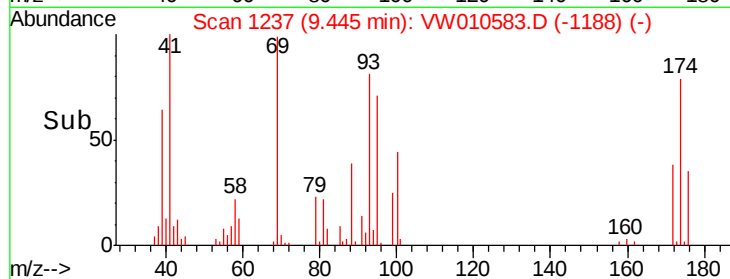
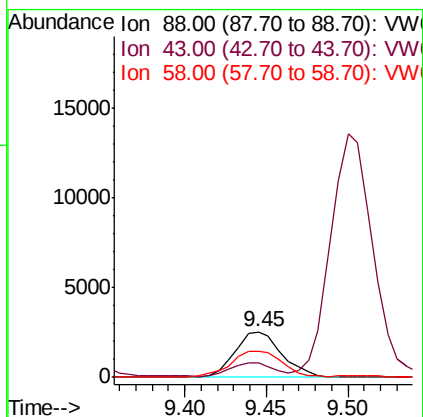
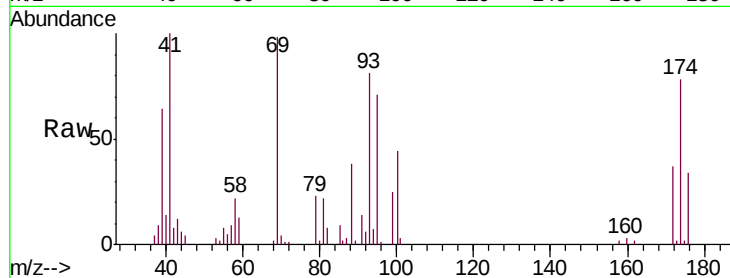




#49
 1,4-Dioxane
 Concen: 384.681 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

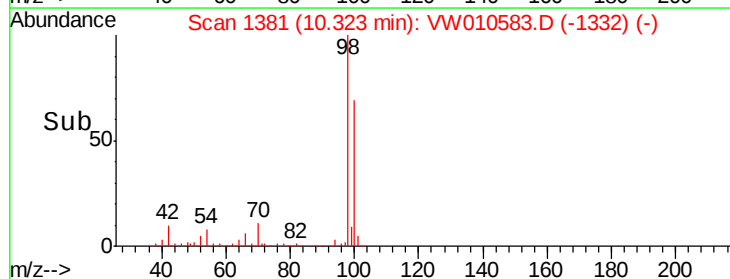
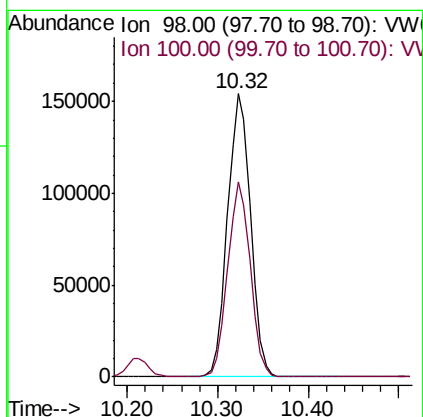
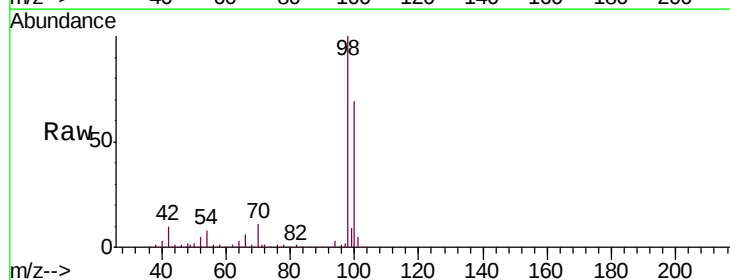
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

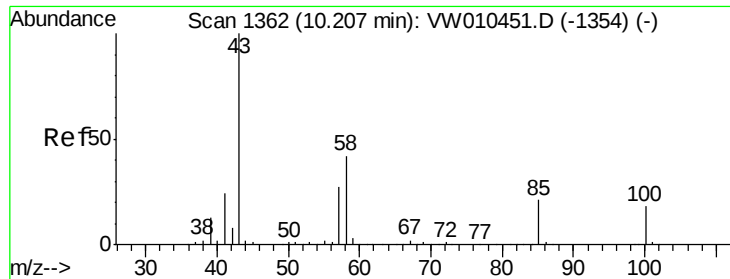
Tgt Ion: 88 Resp: 5094
 Ion Ratio Lower Upper
 88 100
 43 30.3 25.9 38.9
 58 64.3 52.7 79.1



#50
 Toluene-d8
 Concen: 51.875 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 98 Resp: 271055
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.7 80.5

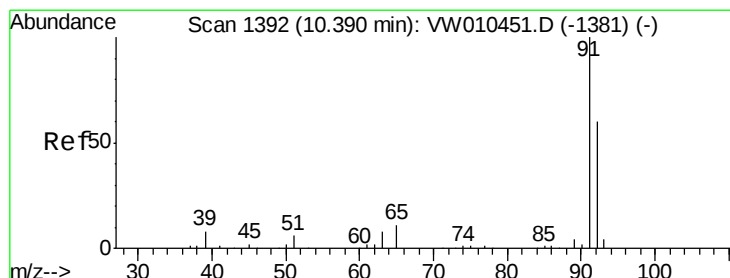
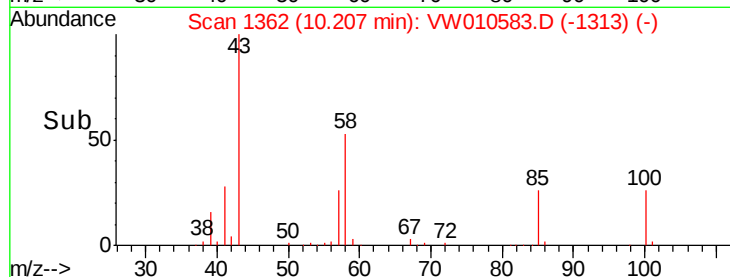
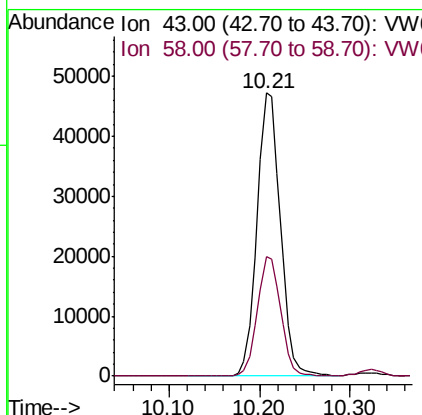
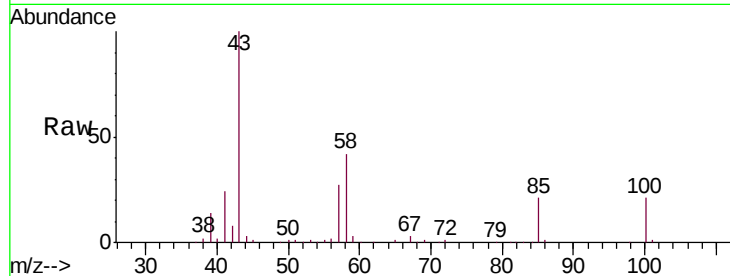




#51
 4-Methyl-2-Pentanone
 Concen: 93.397 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

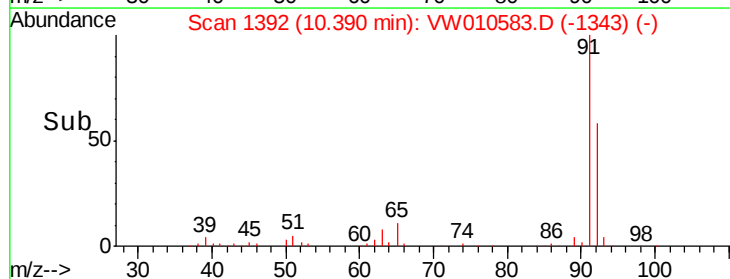
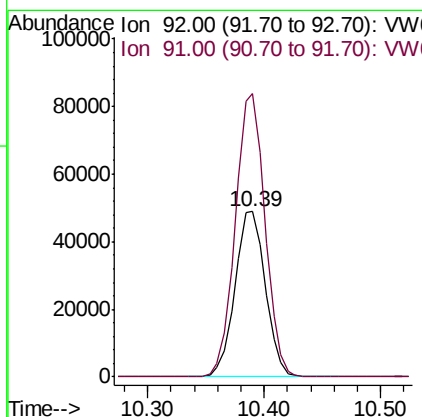
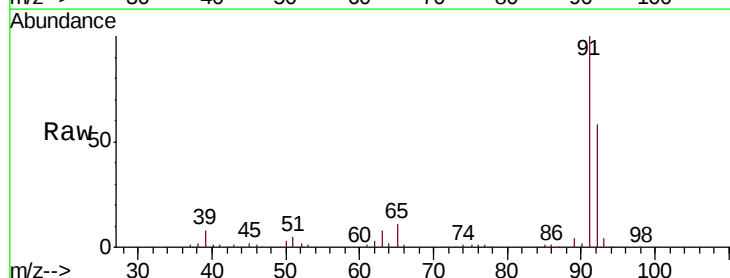
Instrument :
 MSVOA_W
 ClientSampled :
 VW0529SBS01

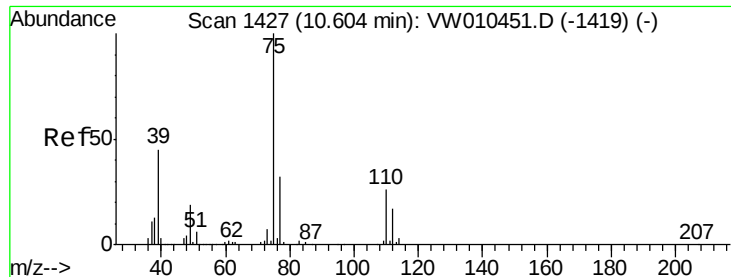
Tgt Ion: 43 Resp: 84426
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.2 49.8



#52
 Toluene
 Concen: 22.729 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 92 Resp: 89086
 Ion Ratio Lower Upper
 92 100
 91 167.8 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 20.446 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampled :

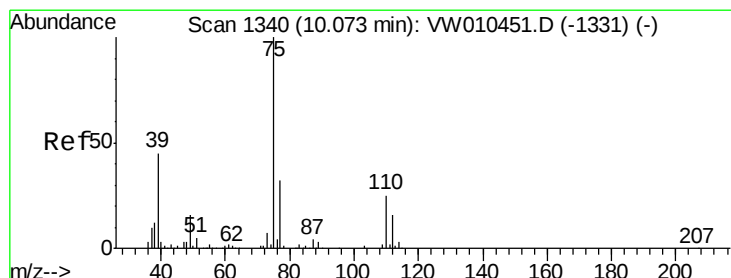
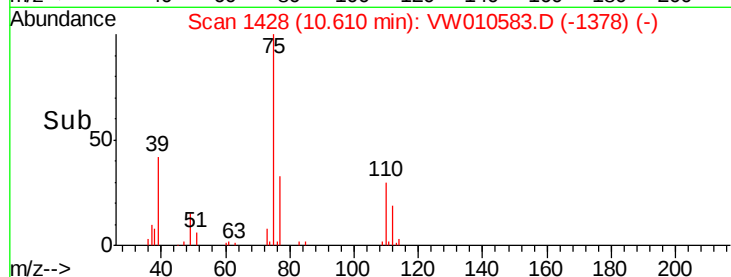
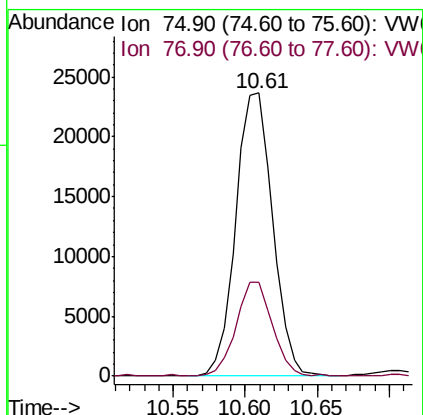
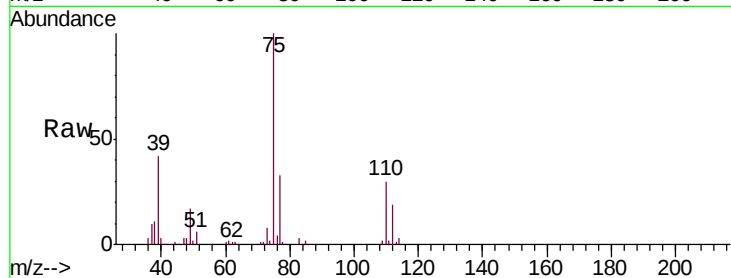
VW0529SBS01

Tgt Ion: 75 Resp: 42183

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 21.542 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

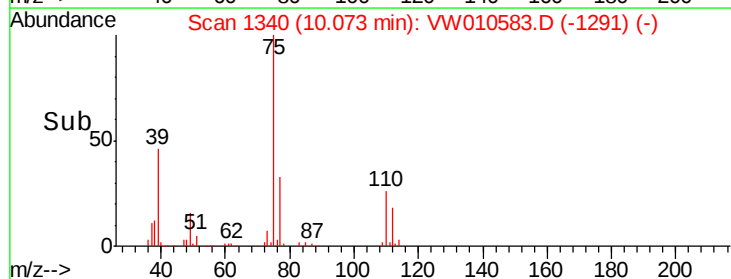
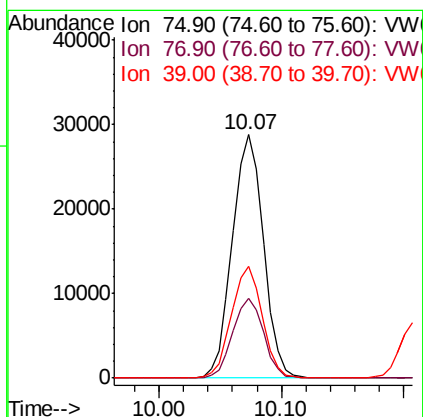
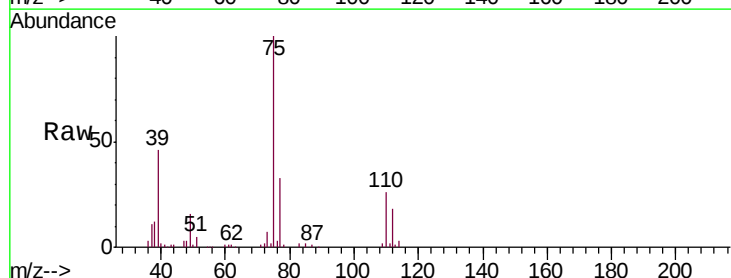
Tgt Ion: 75 Resp: 50758

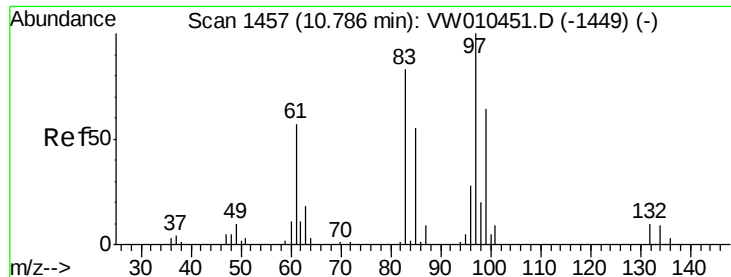
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

39 45.8 36.2 54.4

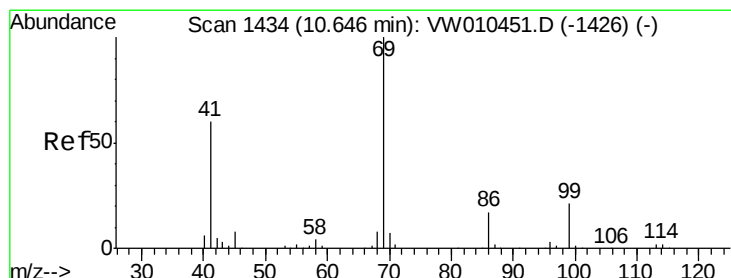
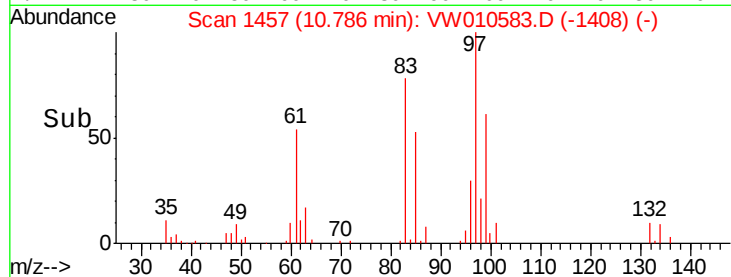
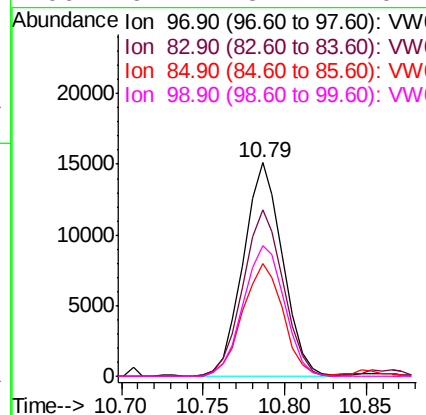
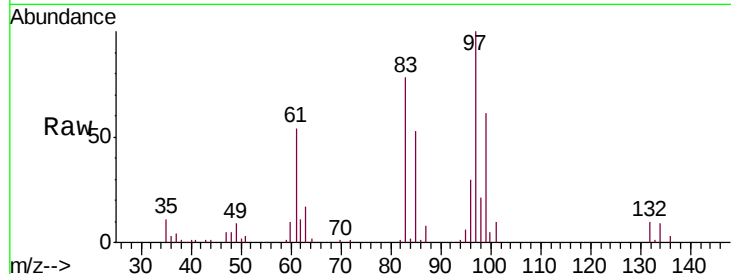




#55
 1,1,2-Trichloroethane
 Concen: 21.829 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

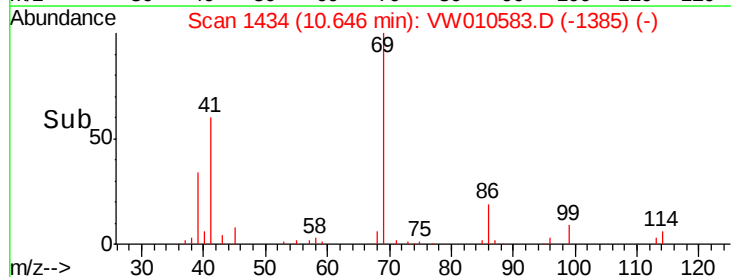
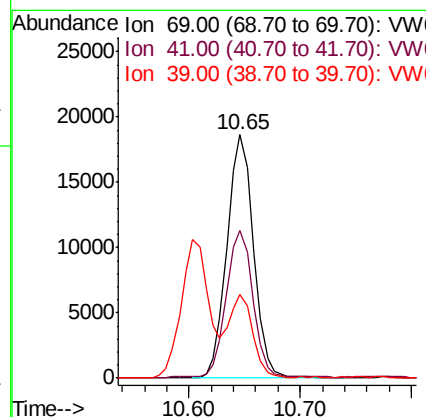
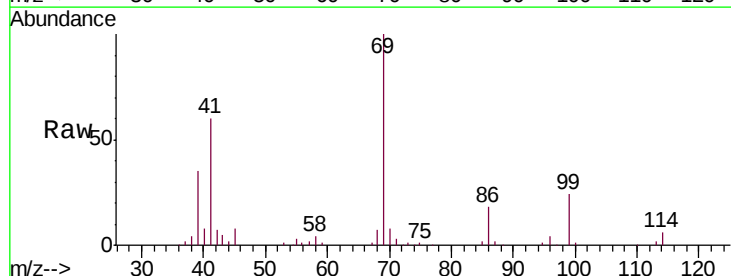
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

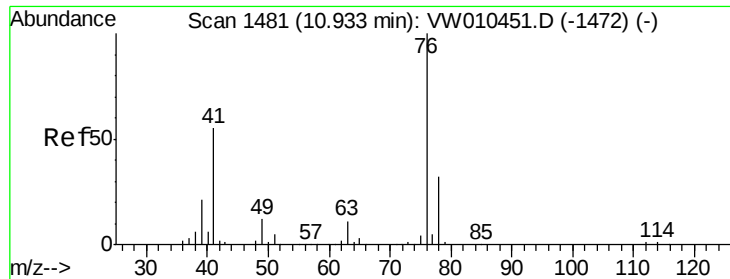
Tgt Ion:	97	Resp:	25446
Ion	Ratio	Lower	Upper
97	100		
83	77.9	66.1	99.1
85	52.9	44.2	66.4
99	61.2	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.174 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion:	69	Resp:	30825
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.7	71.5
39	30.5	25.3	37.9

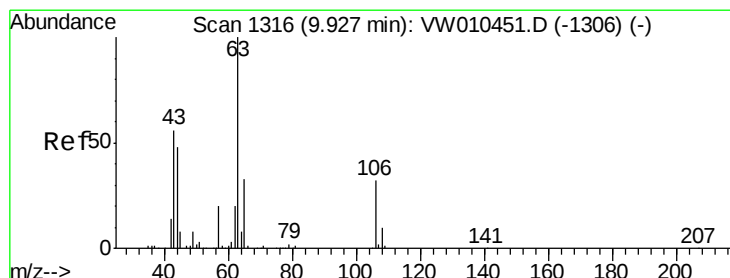
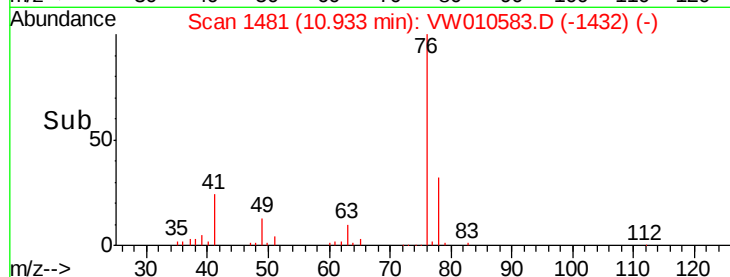
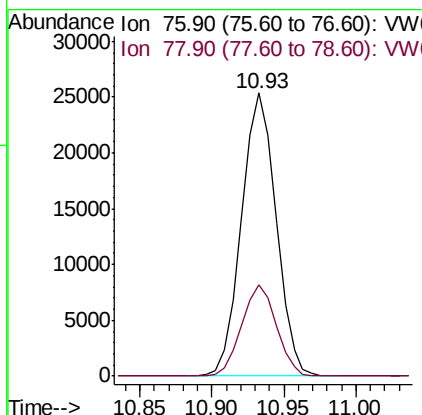
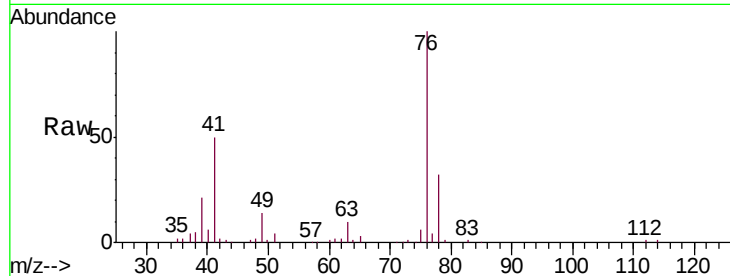




#57
 1,3-Dichloropropane
 Concen: 21.650 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

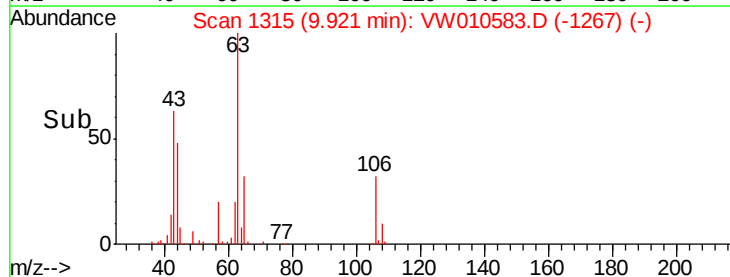
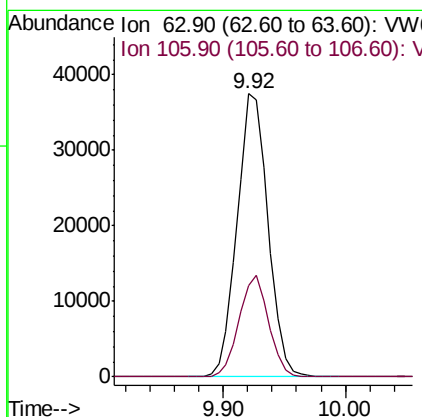
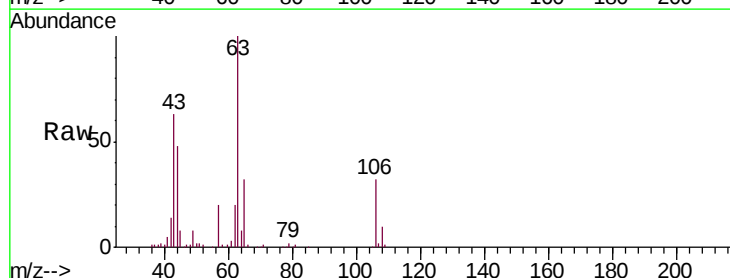
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

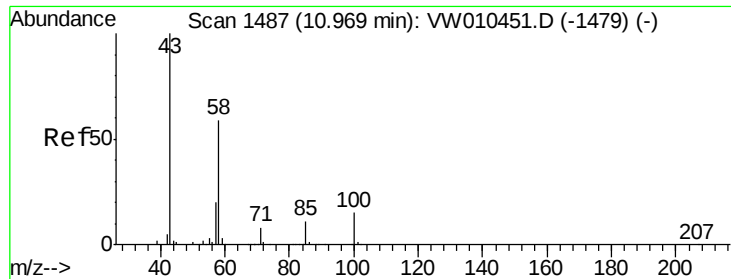
Tgt Ion: 76 Resp: 42274
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.316 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 63 Resp: 65737
 Ion Ratio Lower Upper
 63 100
 106 34.3 25.8 38.6

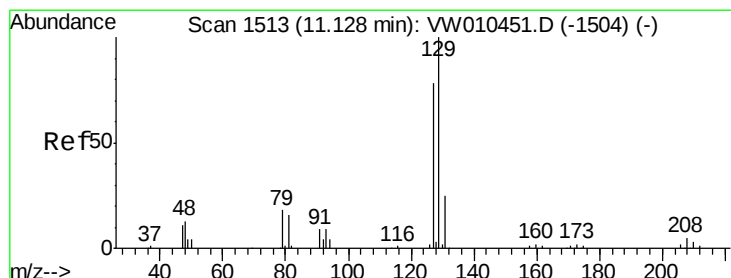
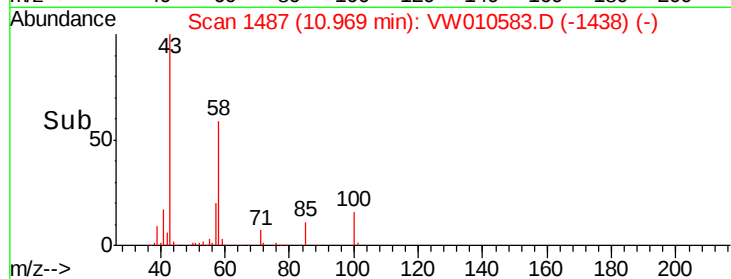
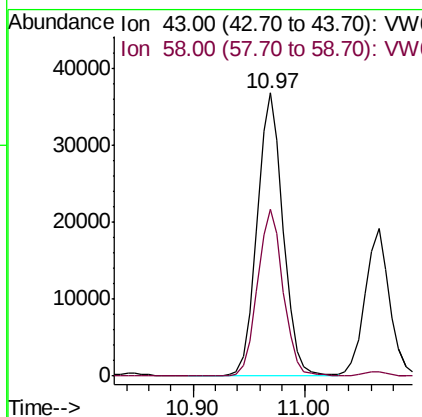
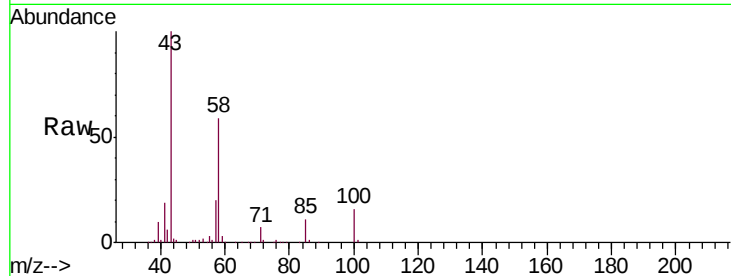




#59
2-Hexanone
Concen: 93.056 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

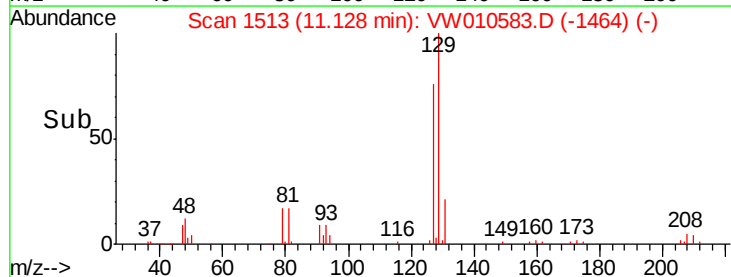
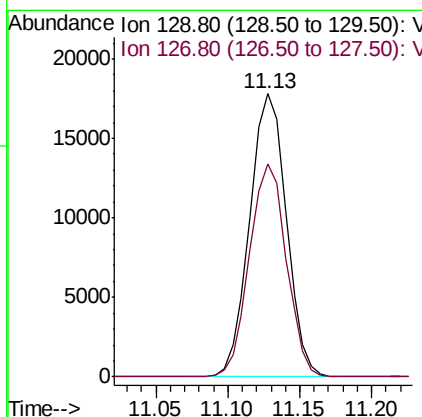
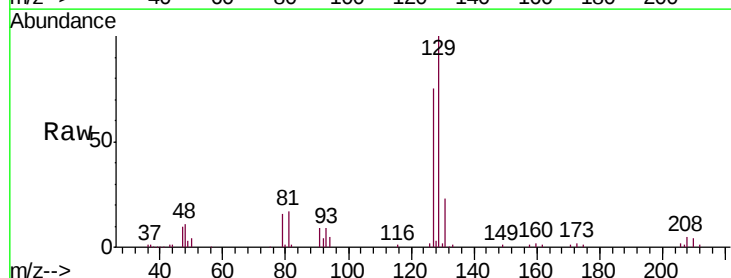
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Tgt Ion: 43 Resp: 60005
Ion Ratio Lower Upper
43 100
58 58.3 28.9 86.8



#60
Dibromochloromethane
Concen: 21.284 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 129 Resp: 31400
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.224 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

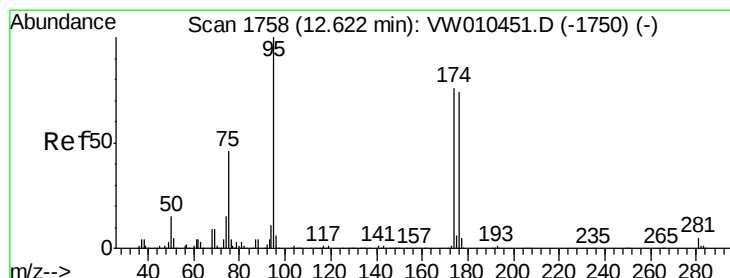
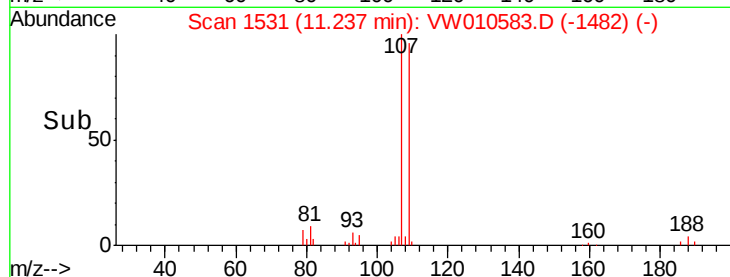
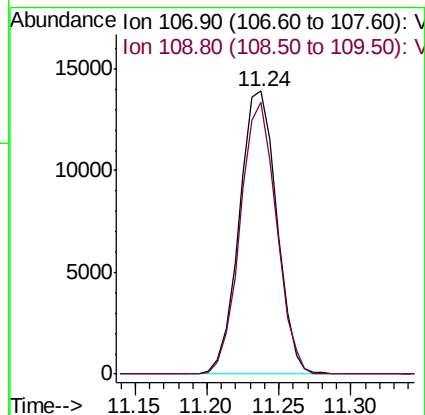
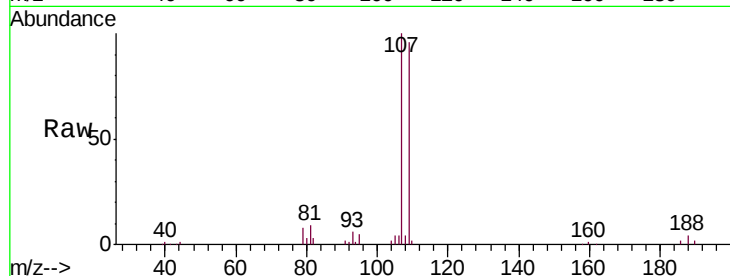
VW0529SBS01

Tgt Ion: 107 Resp: 25062

Ion Ratio Lower Upper

107 100

109 93.0 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 50.098 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

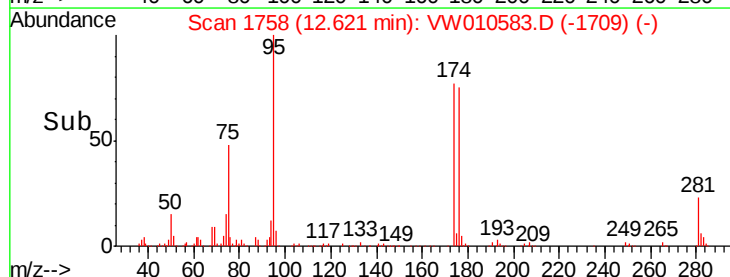
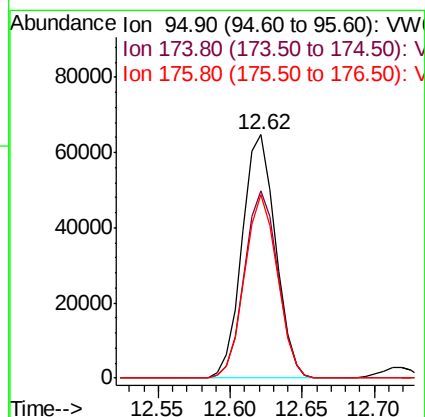
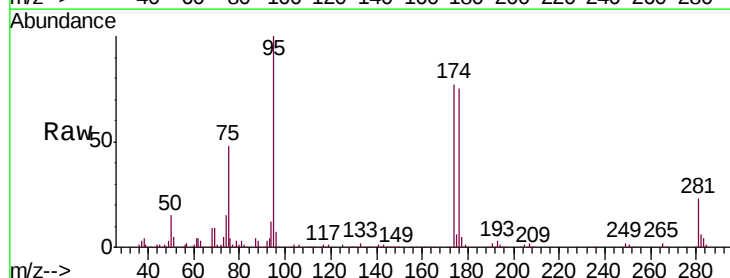
Tgt Ion: 95 Resp: 104267

Ion Ratio Lower Upper

95 100

174 76.7 0.0 148.6

176 73.9 0.0 144.2

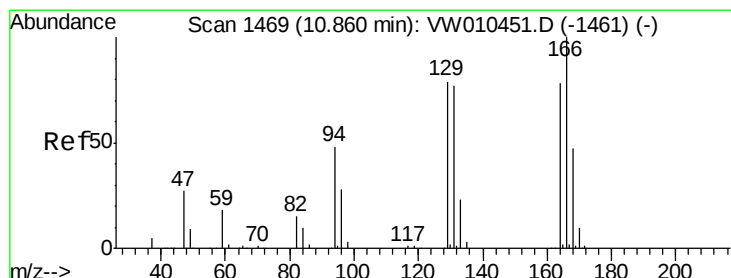
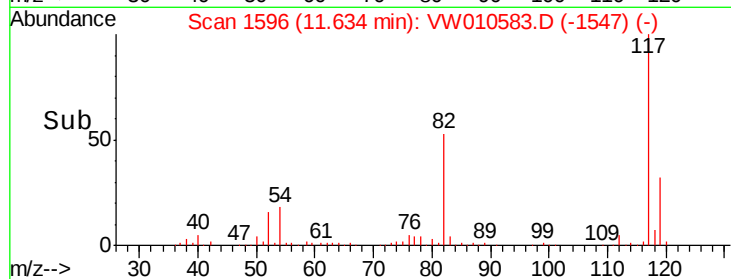
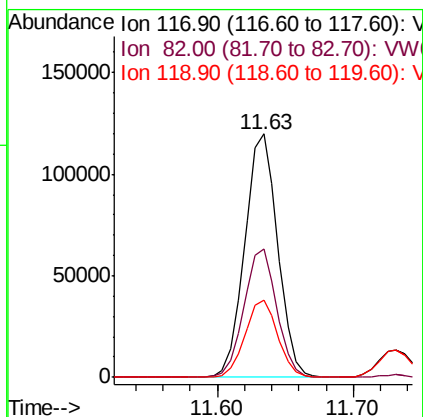
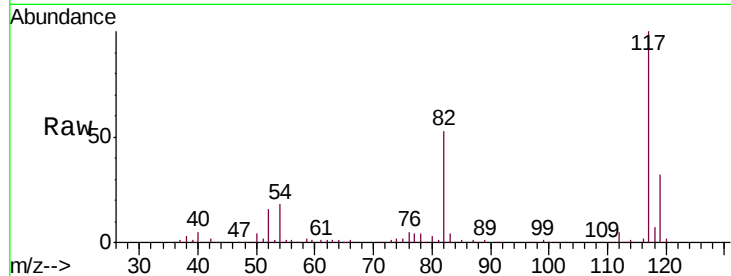




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

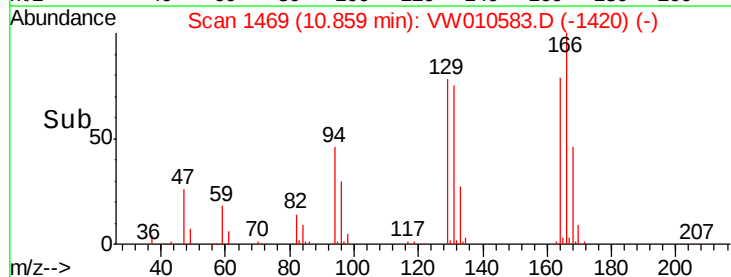
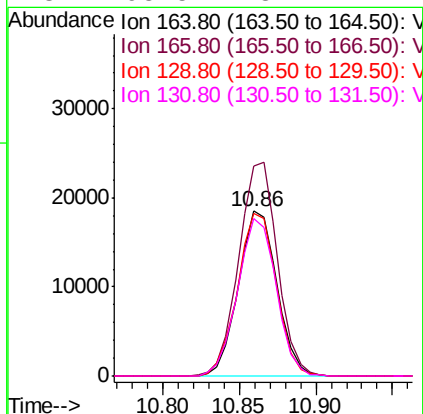
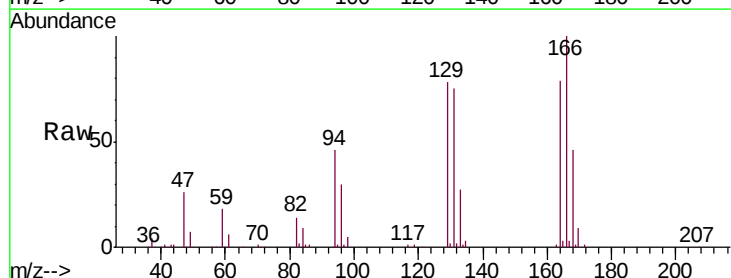
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

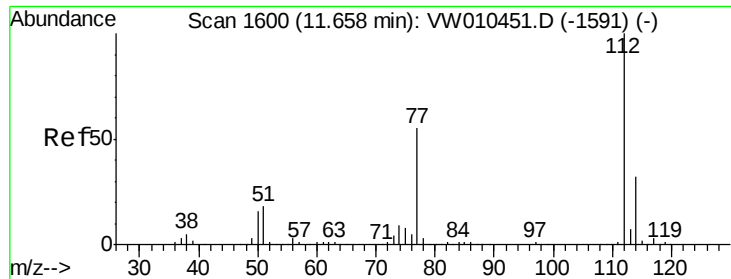
Tgt Ion:117 Resp: 202691
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 22.920 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion:164 Resp: 32385
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 98.5 80.6 121.0
131 95.5 78.2 117.2

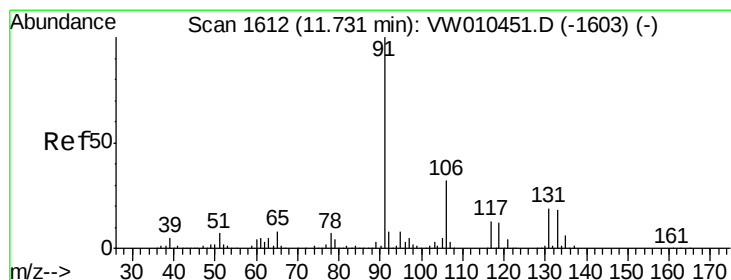
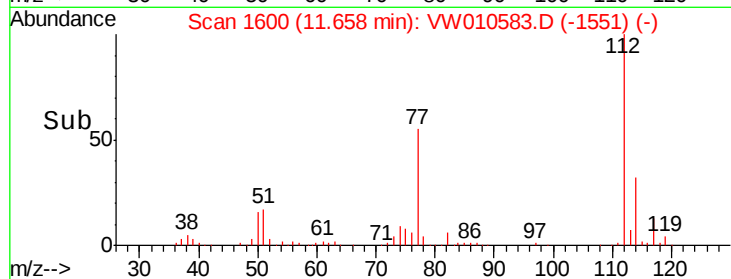
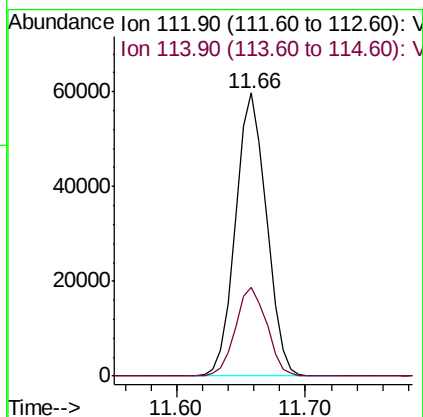
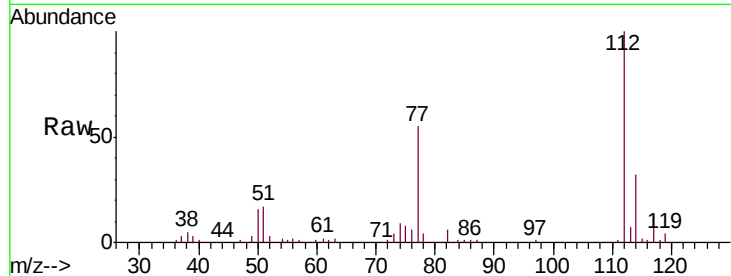




#65
Chlorobenzene
Concen: 23.013 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

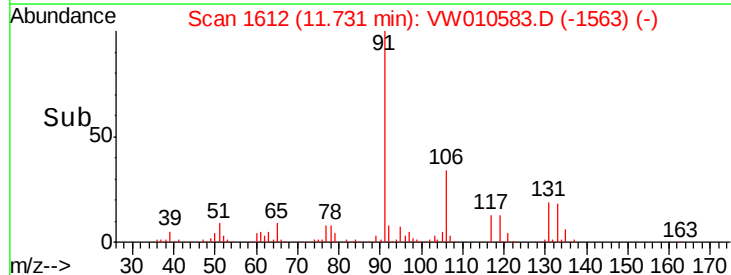
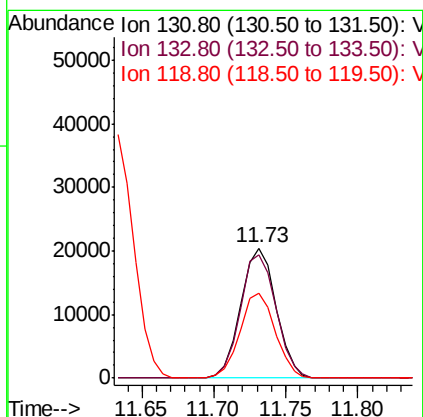
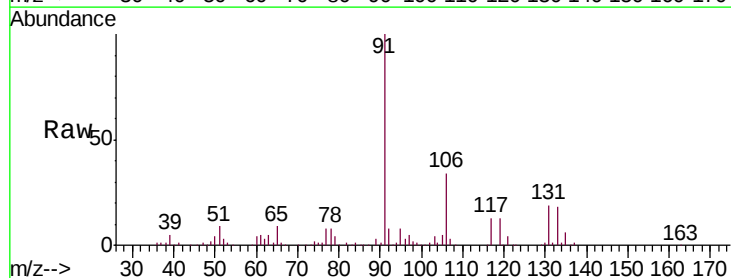
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

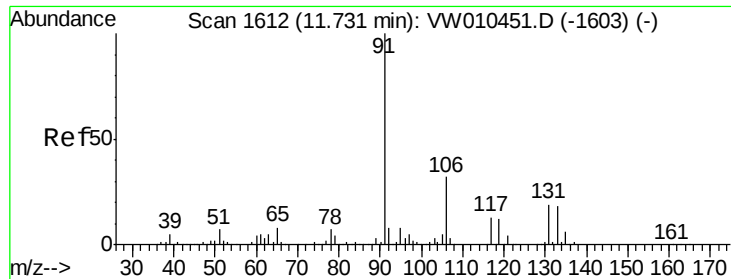
Tgt Ion:112 Resp: 99411
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.463 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion:131 Resp: 34760
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.9
119 65.3 32.1 96.5





#67

Ethyl Benzene

Concen: 22.592 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

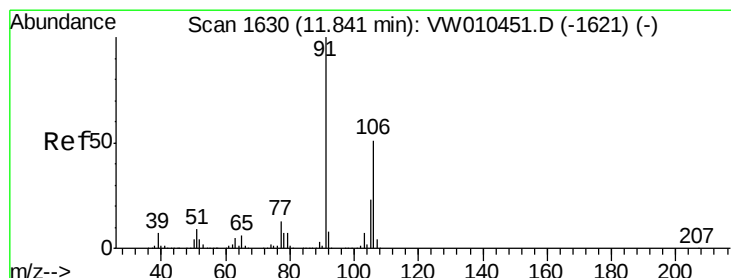
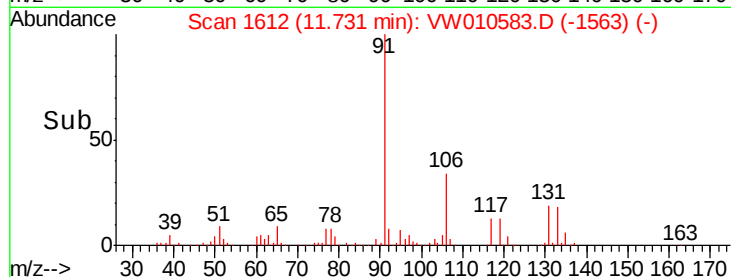
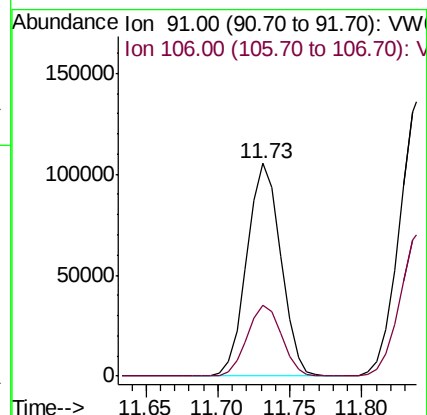
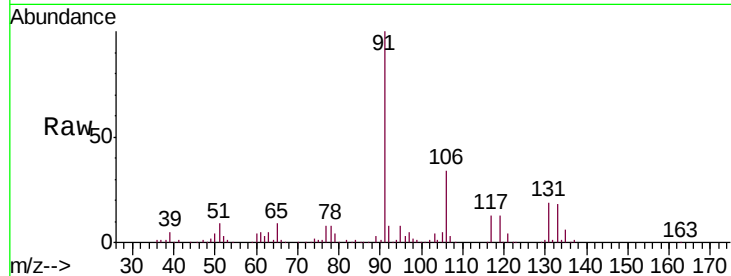
VW0529SBS01

Tgt Ion: 91 Resp: 172307

Ion Ratio Lower Upper

91 100

106 33.6 25.9 38.9



#68

m/p-Xylenes

Concen: 45.733 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010583.D

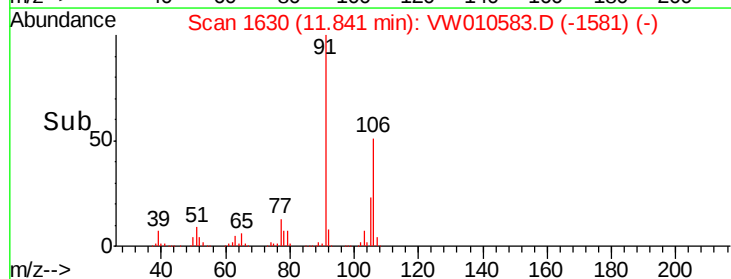
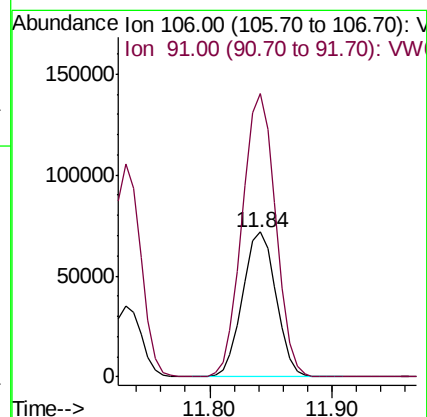
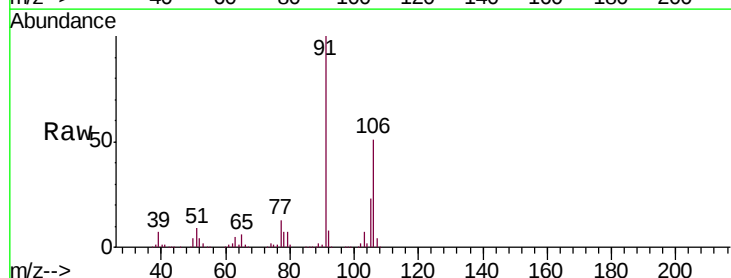
Acq: 29 May 2019 11:39

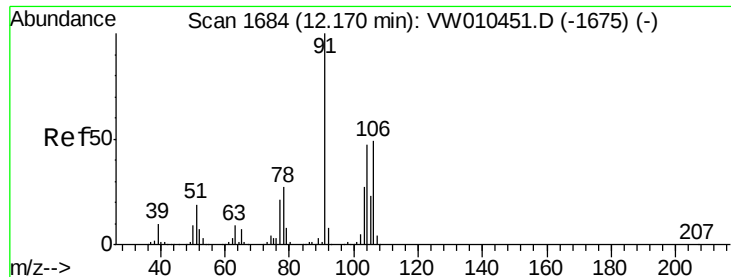
Tgt Ion: 106 Resp: 136809

Ion Ratio Lower Upper

106 100

91 194.9 156.0 234.0

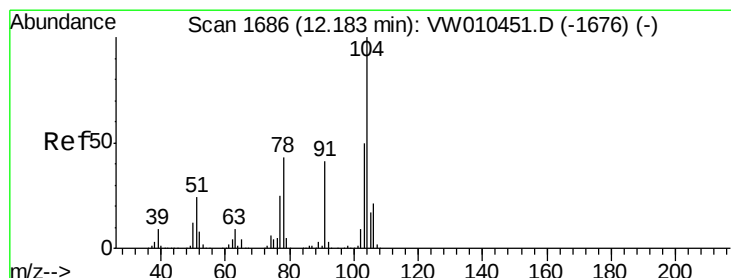
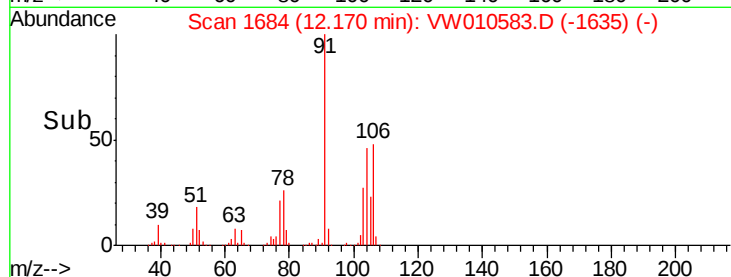
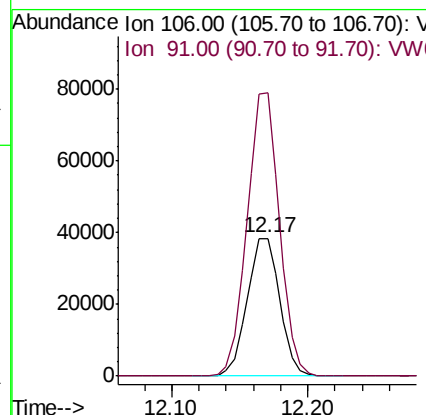
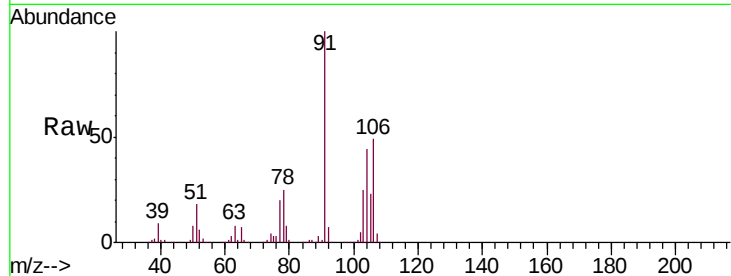




#69
o-Xylene
Concen: 22.821 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

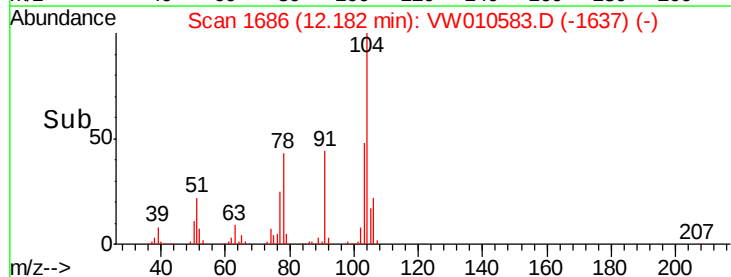
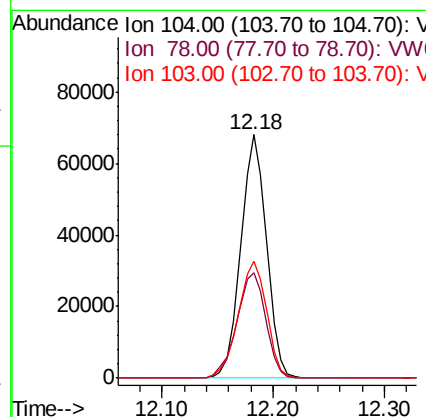
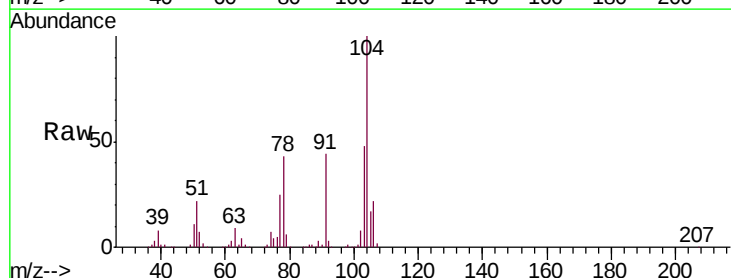
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

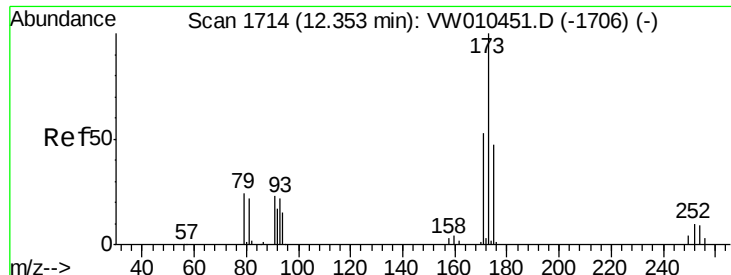
Tgt Ion:106 Resp: 64681
Ion Ratio Lower Upper
106 100
91 203.4 103.2 309.4



#70
Styrene
Concen: 22.530 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion:104 Resp: 108348
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 53.3 43.0 64.6





#71

Bromoform

Concen: 19.743 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

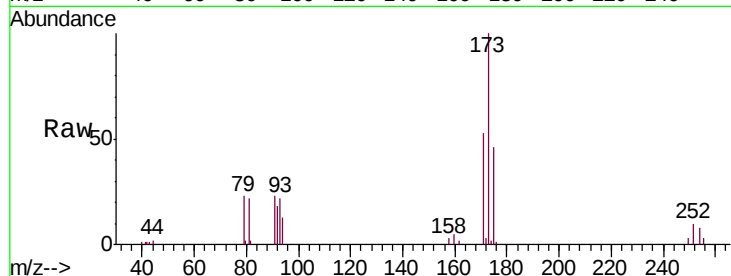
Tgt Ion:173 Resp: 16824

Ion Ratio Lower Upper

173 100

175 47.3 24.4 73.4

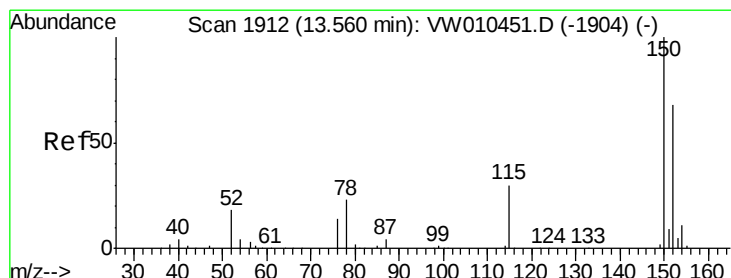
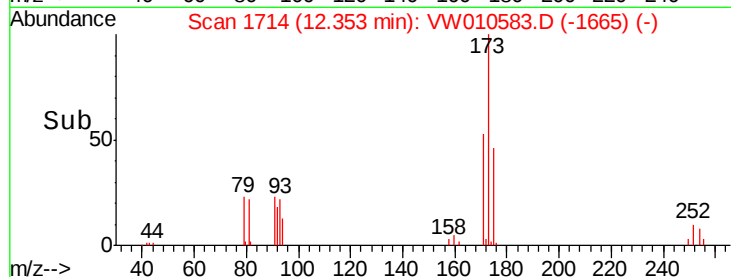
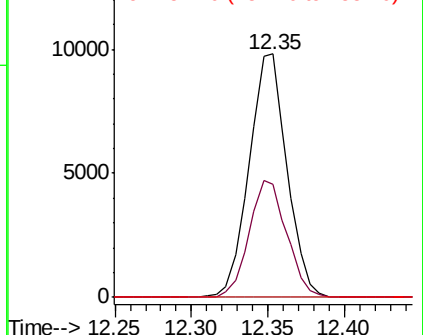
254 0.0 0.0 0.0



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: VW010583.D

Acq: 29 May 2019 11:39

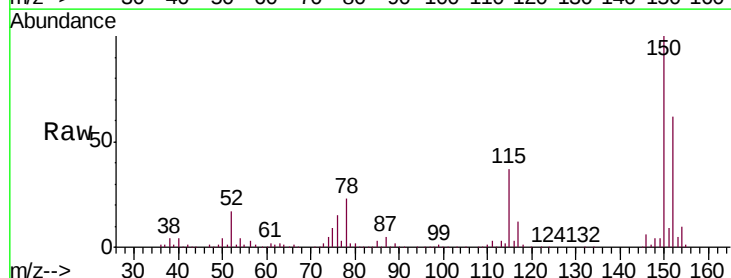
Tgt Ion:152 Resp: 100024

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

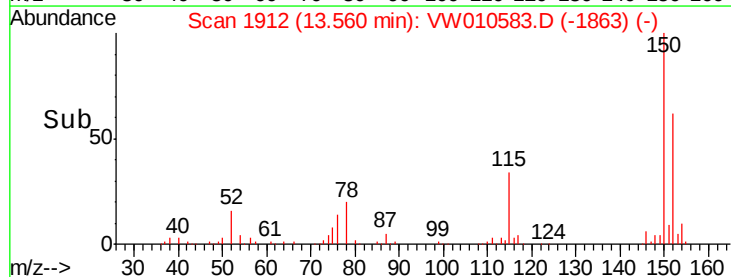
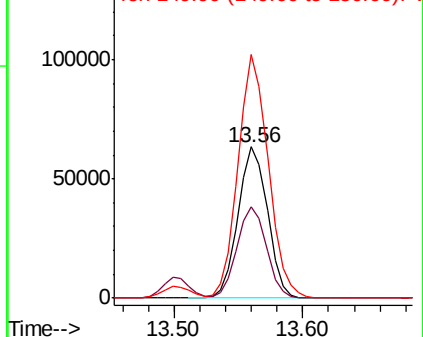
150 165.8 0.0 349.8

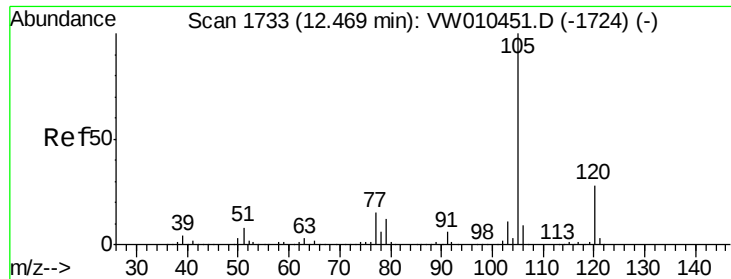


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.361 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

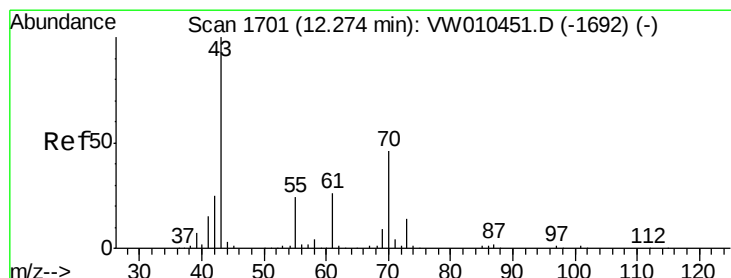
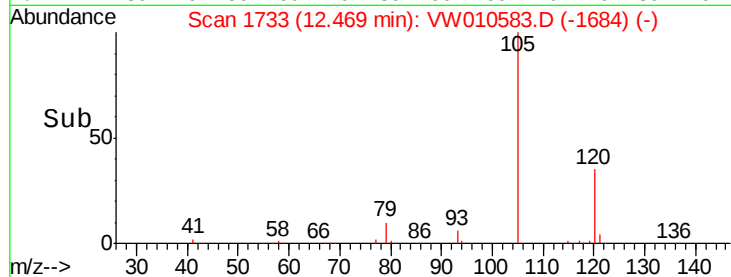
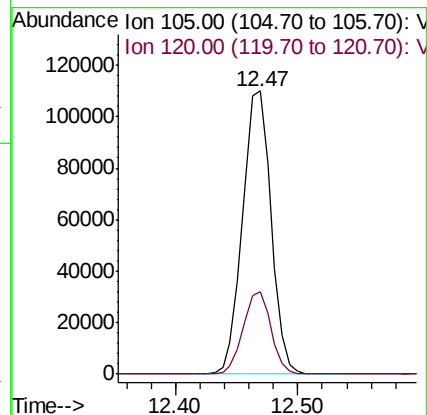
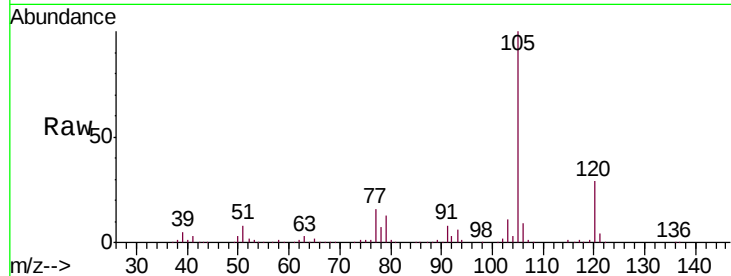
VW0529SBS01

Tgt Ion: 105 Resp: 177485

Ion Ratio Lower Upper

105 100

120 28.2 13.9 41.7



#74

N-ethyl acetate

Concen: 17.459 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Tgt Ion: 43 Resp: 31755

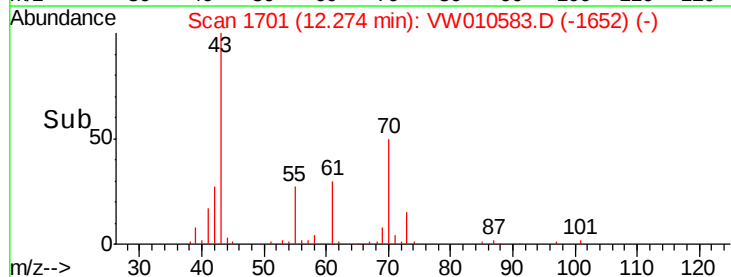
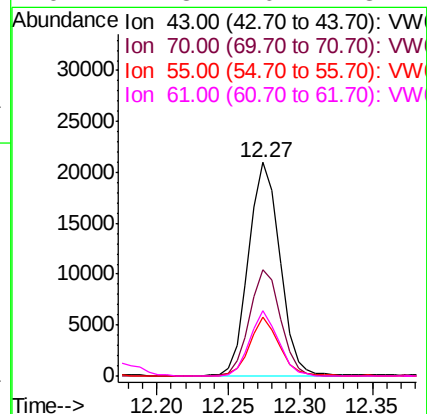
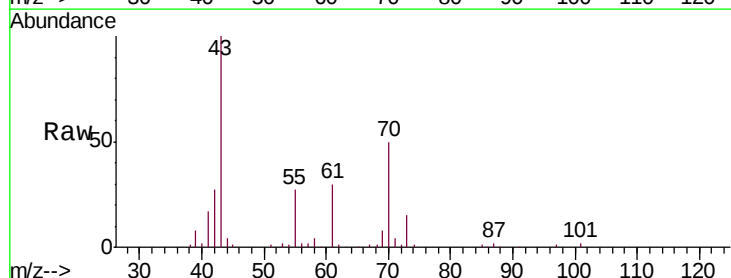
Ion Ratio Lower Upper

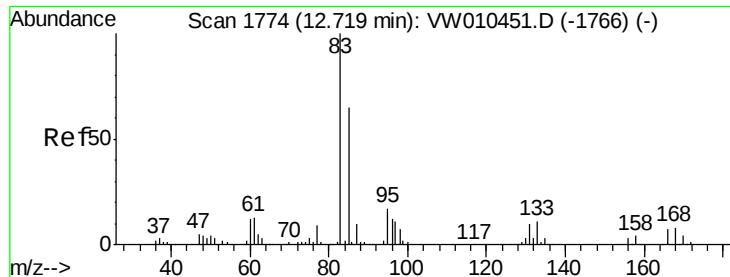
43 100

70 48.7 37.1 55.7

55 25.9 19.6 29.4

61 27.8 20.7 31.1

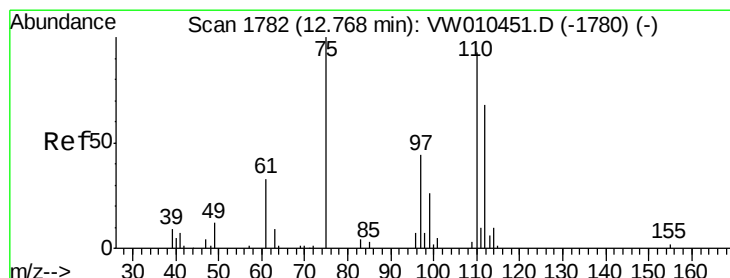
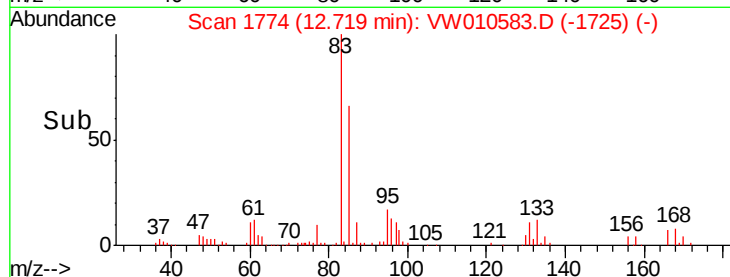
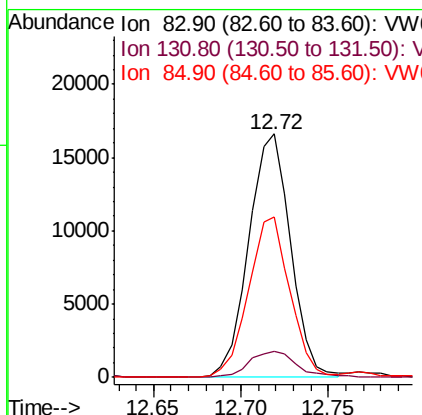
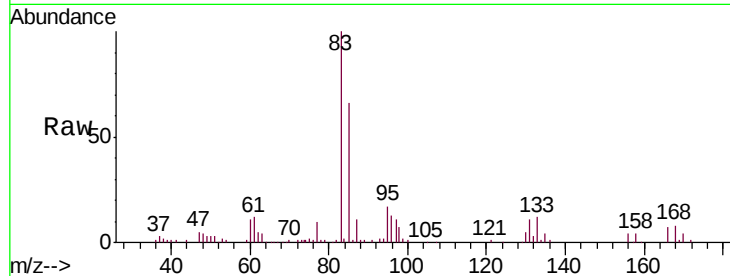




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.082 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

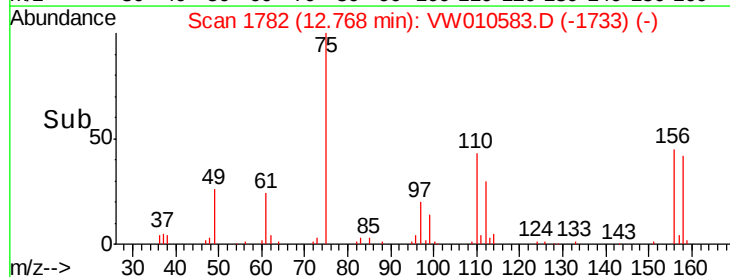
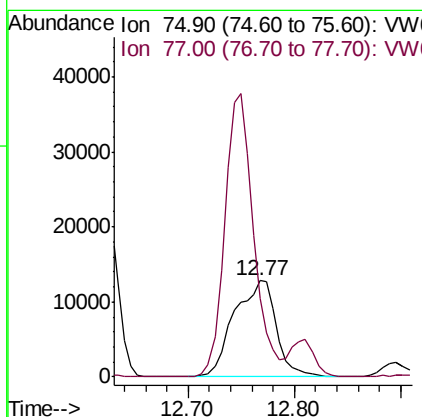
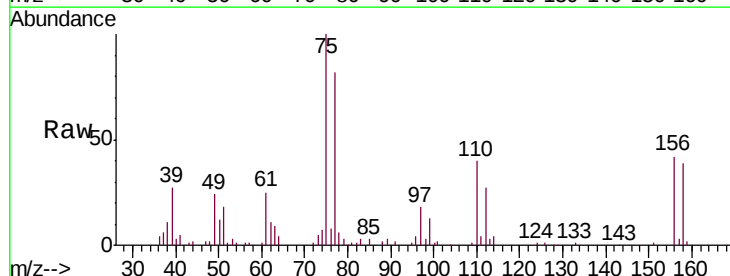
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

Tgt Ion: 83 Resp: 27549
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.6 16.8
 85 65.3 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 35.000 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 75 Resp: 35536
 Ion Ratio Lower Upper
 75 100
 77 200.4 170.0 510.1





#77

Bromobenzene

Concen: 22.971 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

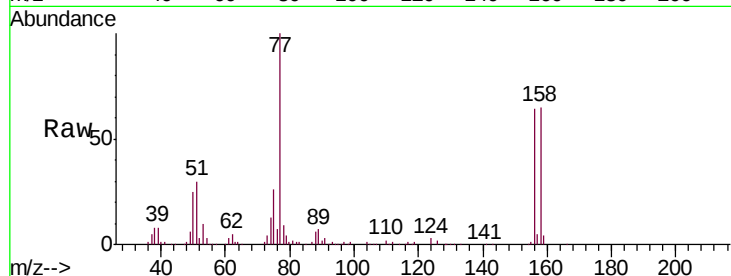
Tgt Ion:156 Resp: 40802

Ion Ratio Lower Upper

156 100

77 174.5 92.4 277.2

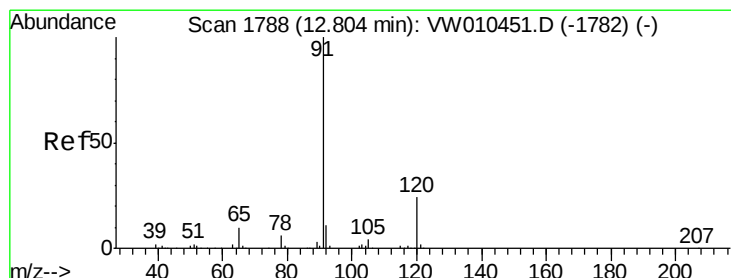
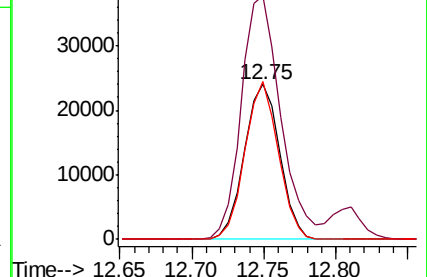
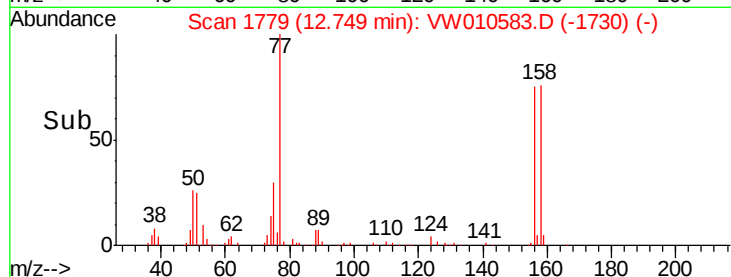
158 96.0 48.3 144.8



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: 22.154 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010583.D

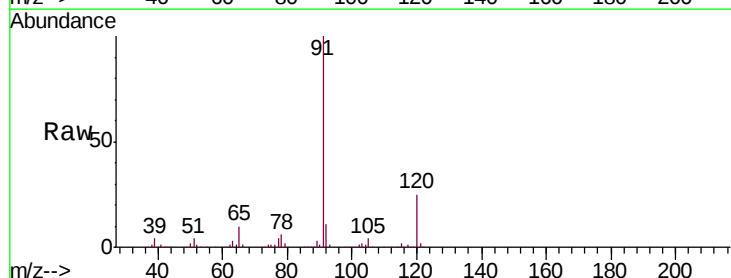
Acq: 29 May 2019 11:39

Tgt Ion: 91 Resp: 204921

Ion Ratio Lower Upper

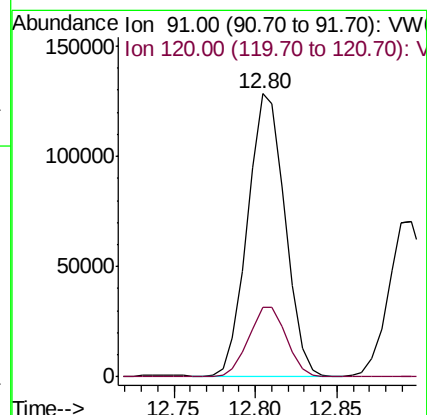
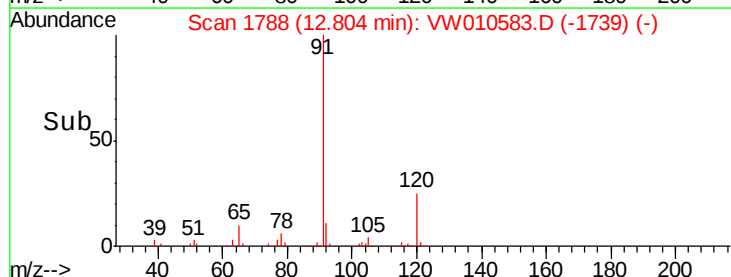
91 100

120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

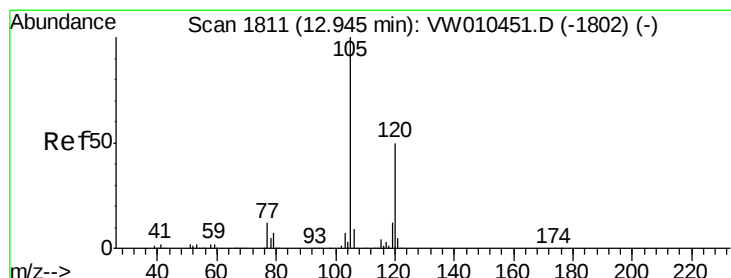
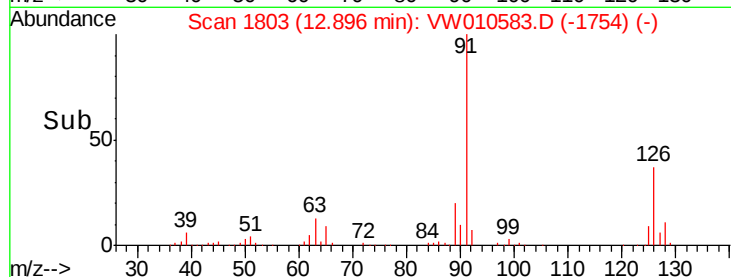
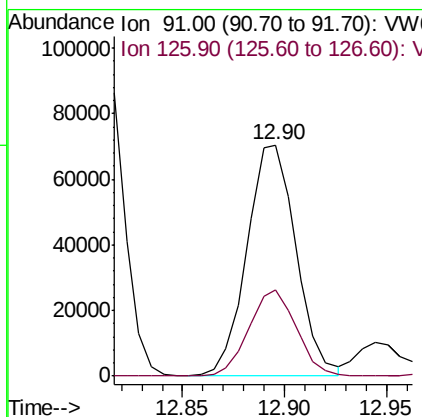
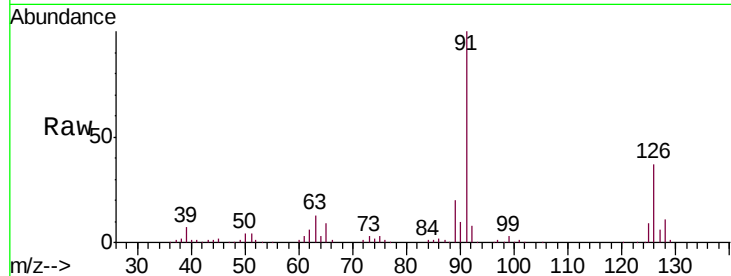




#79
 2-Chlorotoluene
 Concen: 22.062 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

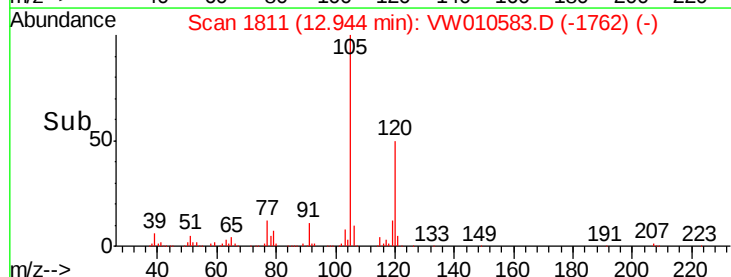
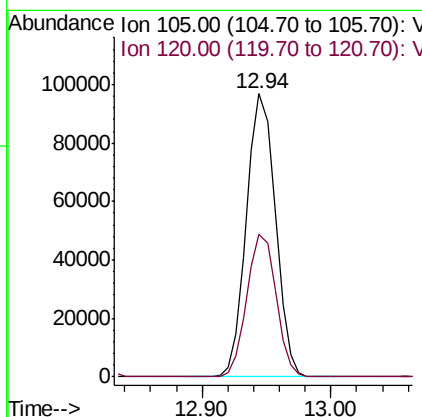
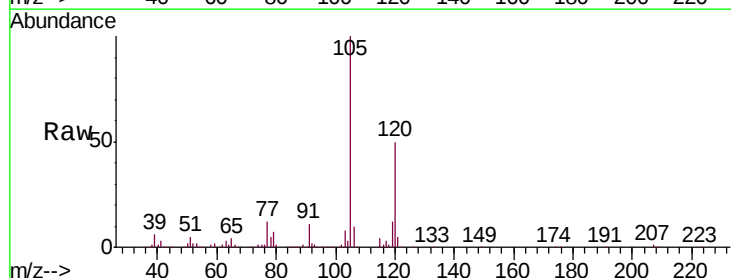
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

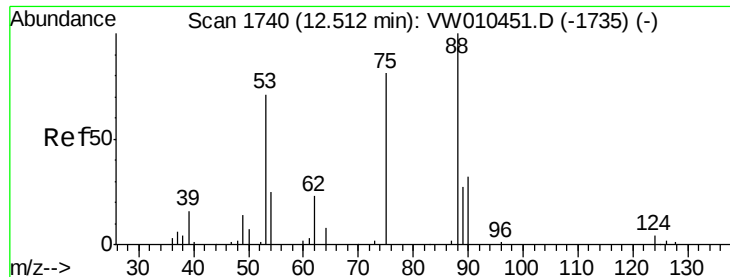
Tgt Ion: 91 Resp: 118343
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 22.404 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion: 105 Resp: 150606
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.2 75.6

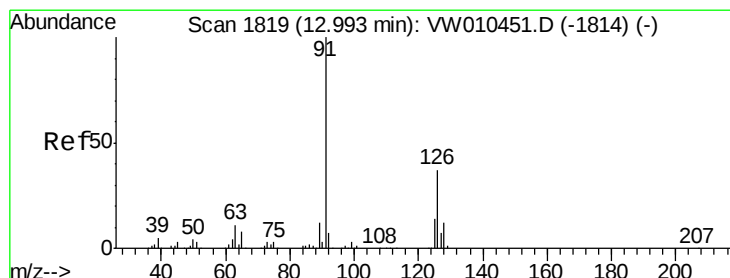
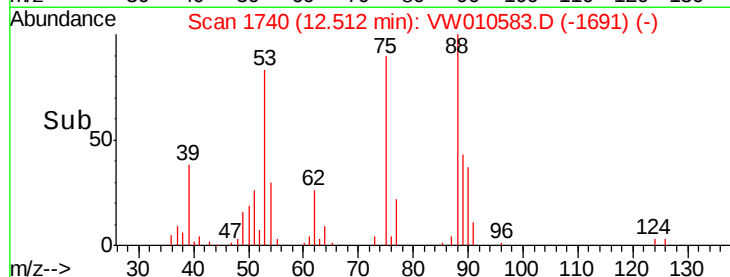
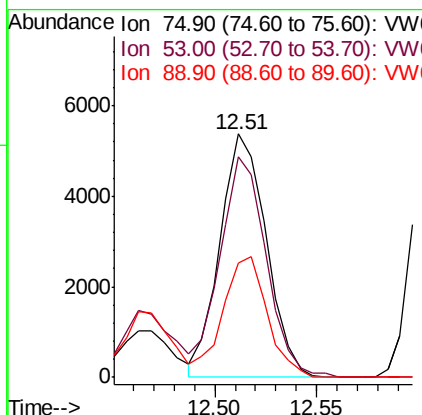
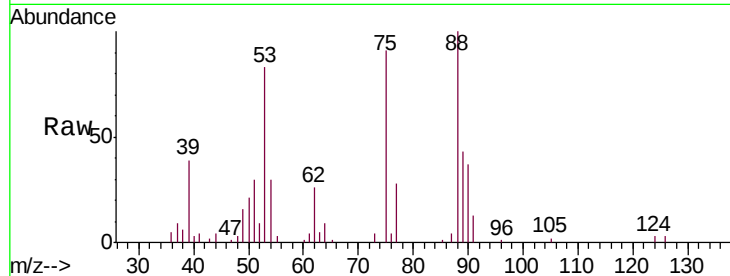




#81
trans-1,4-Dichloro-2-butene
Concen: 17.386 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

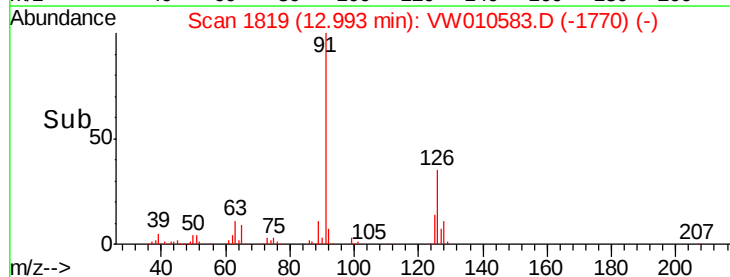
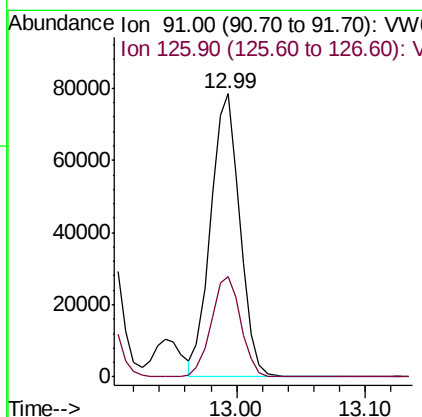
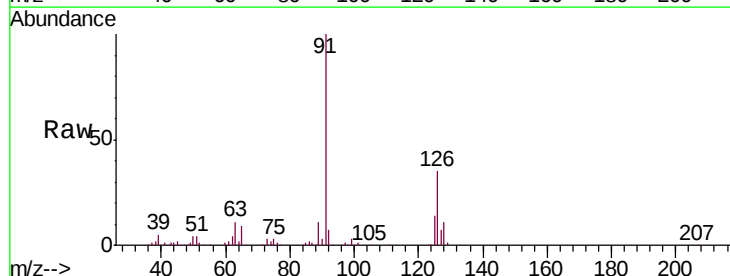
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

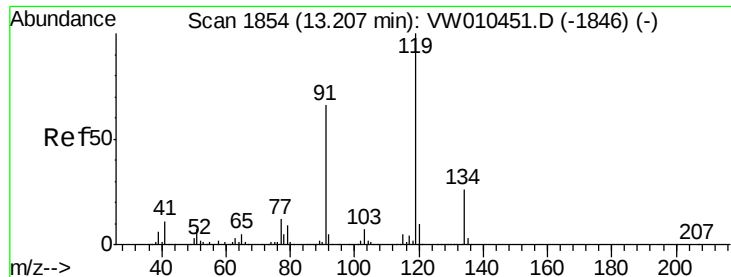
Tgt Ion: 75 Resp: 8458
Ion Ratio Lower Upper
75 100
53 90.7 69.8 104.8
89 47.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 22.399 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion: 91 Resp: 124716
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.6

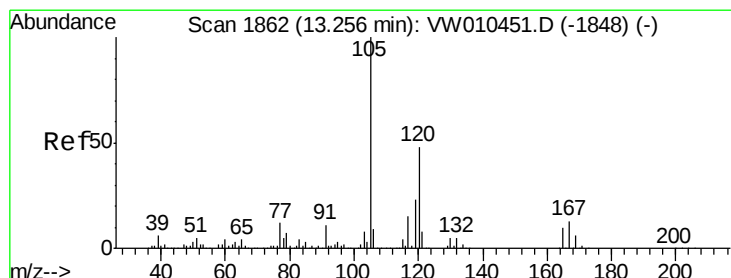
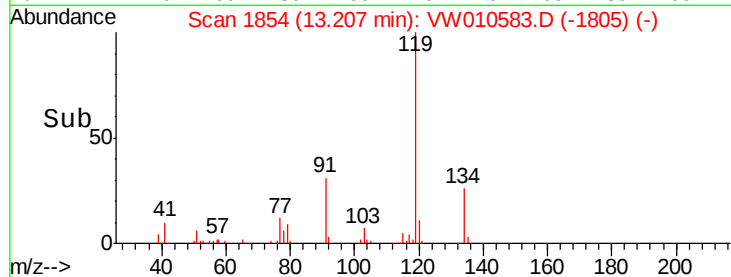
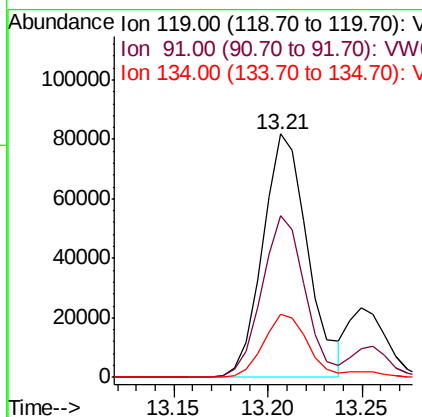
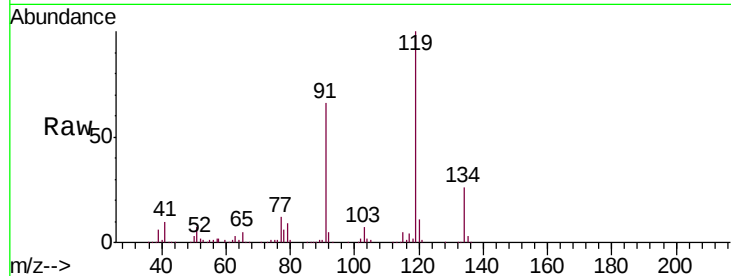




#83
 tert-Butylbenzene
 Concen: 23.127 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

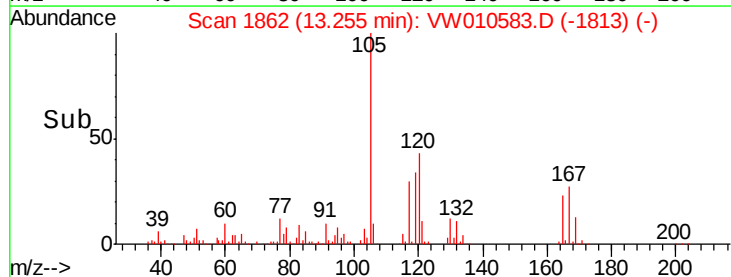
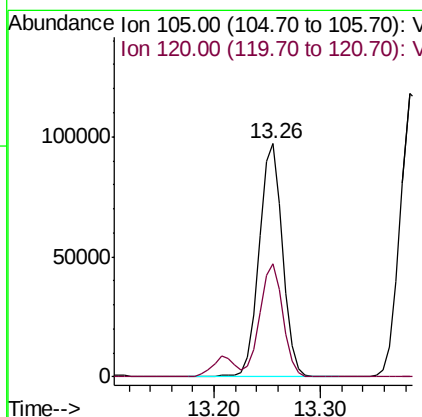
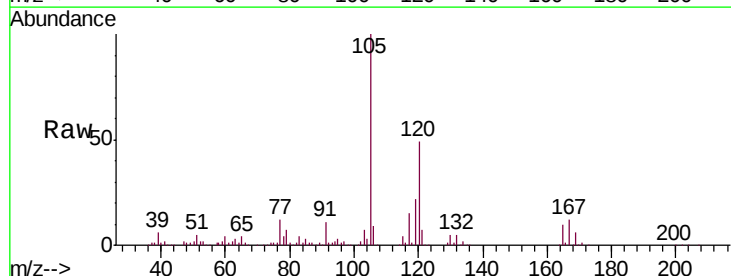
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

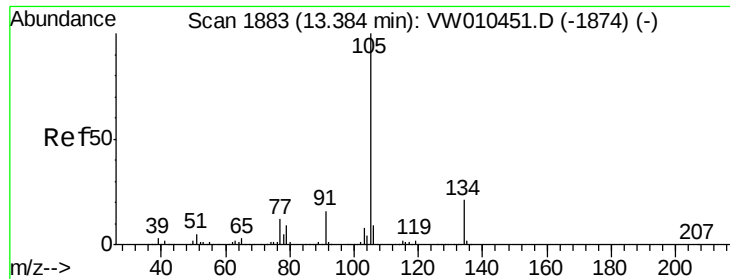
Tgt Ion:119 Resp: 135802
 Ion Ratio Lower Upper
 119 100
 91 63.6 33.1 99.5
 134 25.6 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 22.393 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion:105 Resp: 149930
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.2

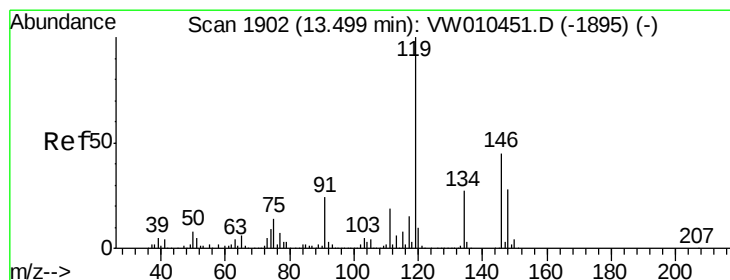
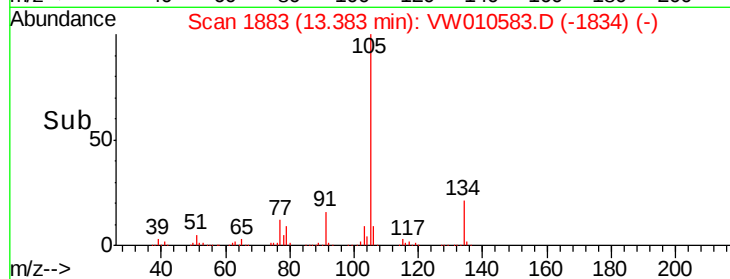
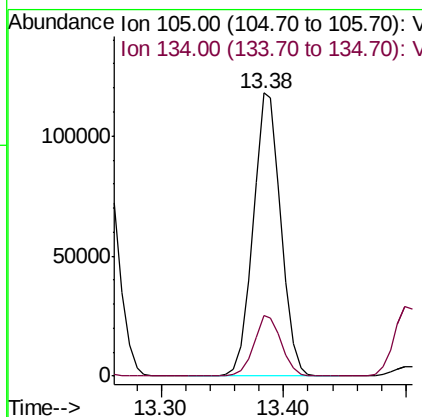
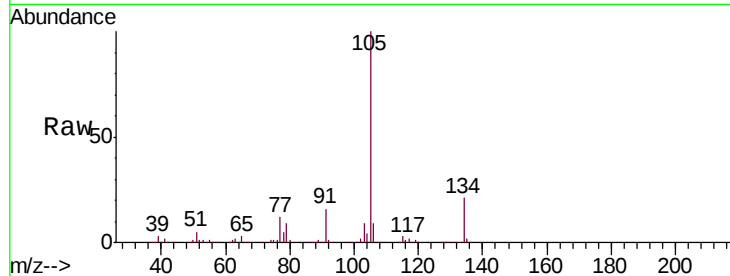




#85
 sec-Butylbenzene
 Concen: 22.571 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

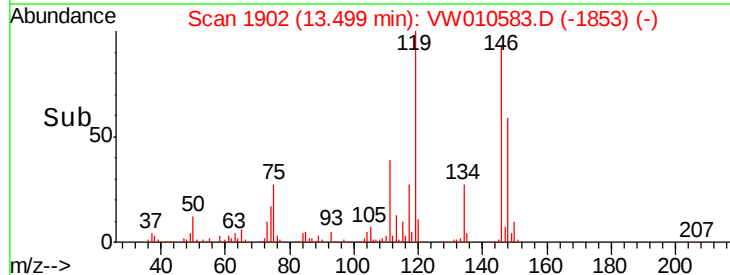
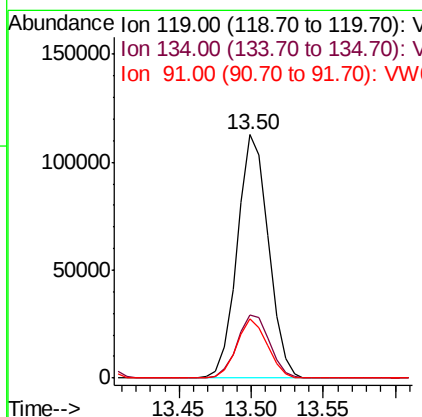
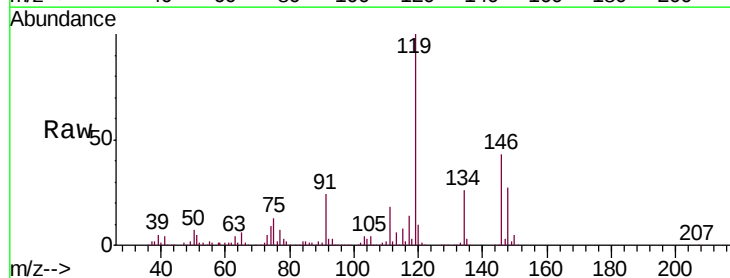
Instrument :
 MSVOA_W
 ClientSampled :
 VW0529SBS01

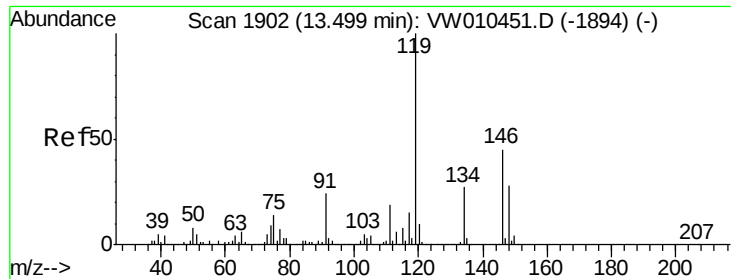
Tgt Ion:105 Resp: 185475
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 22.814 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion:119 Resp: 169688
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 23.9 11.9 35.7

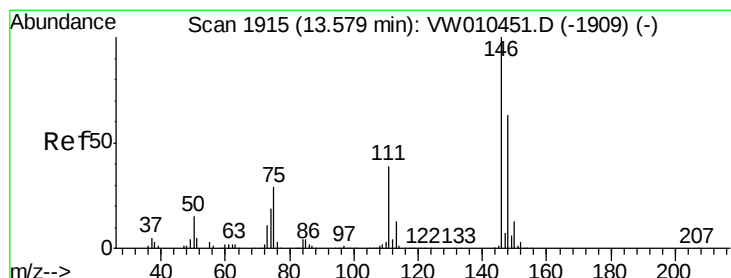
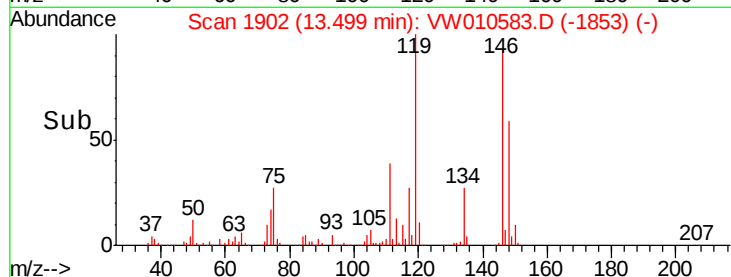
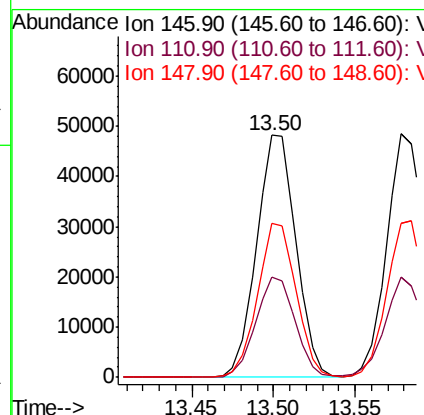
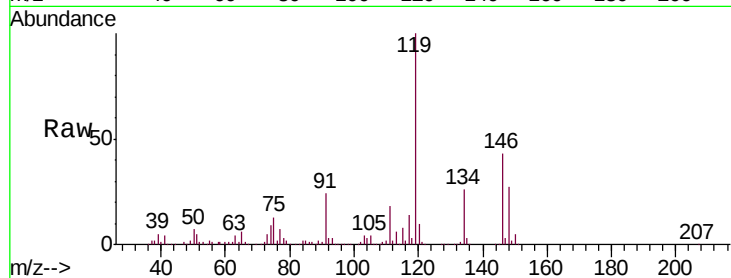




#87
 1,3-Dichlorobenzene
 Concen: 23.127 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

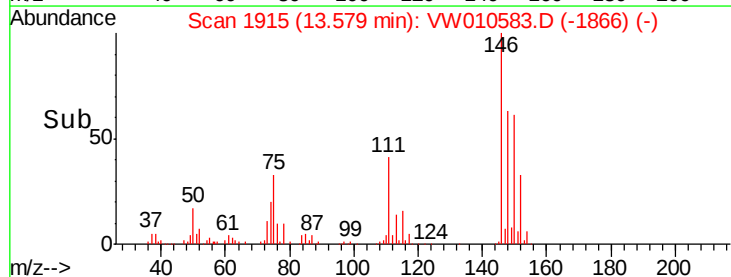
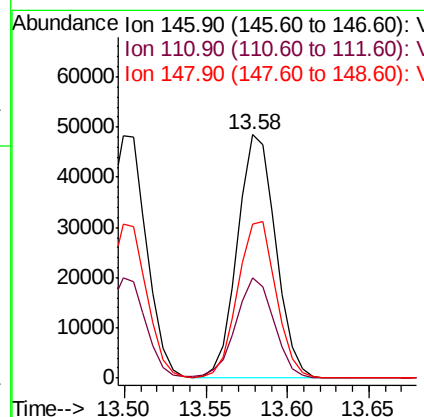
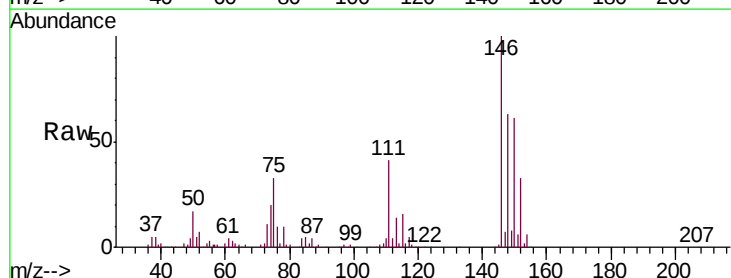
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

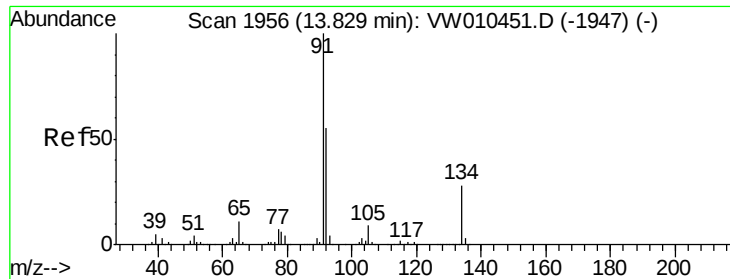
Tgt Ion:146 Resp: 80594
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 62.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 22.652 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion:146 Resp: 79200
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.9 59.6
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 22.067 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

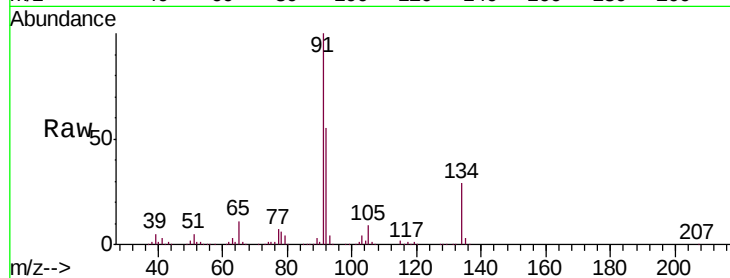
Tgt Ion: 91 Resp: 156120

Ion Ratio Lower Upper

91 100

92 55.0 27.7 83.1

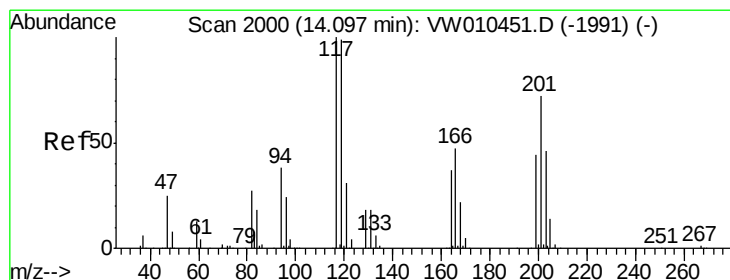
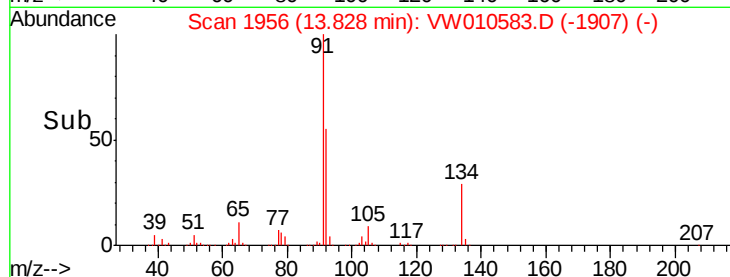
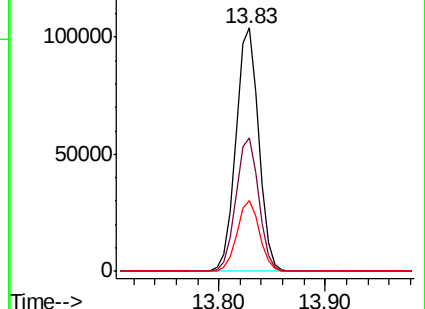
134 28.6 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.663 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010583.D

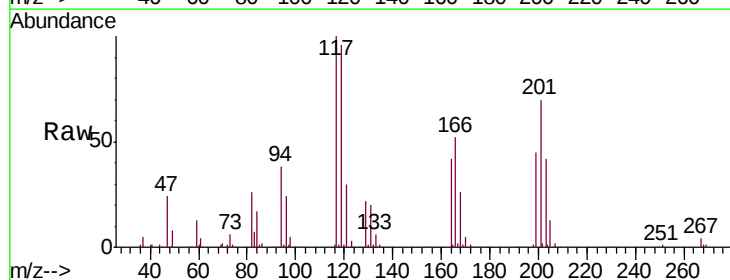
Acq: 29 May 2019 11:39

Tgt Ion: 117 Resp: 31188

Ion Ratio Lower Upper

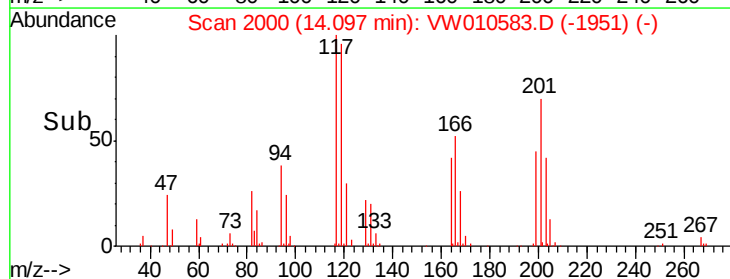
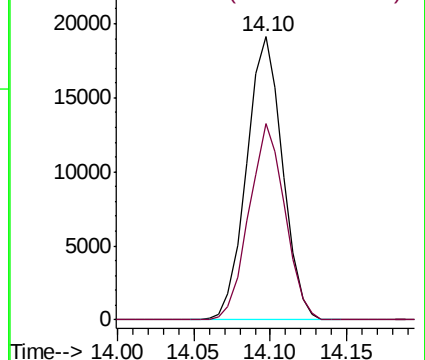
117 100

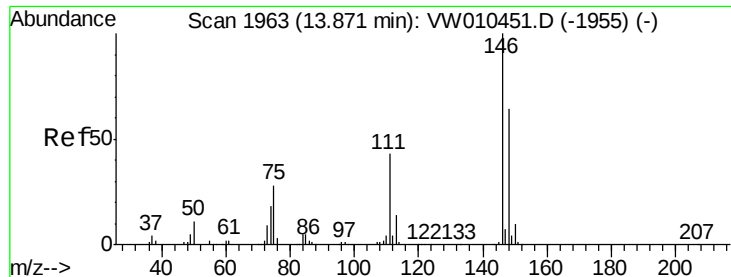
201 69.3 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.518 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBS01

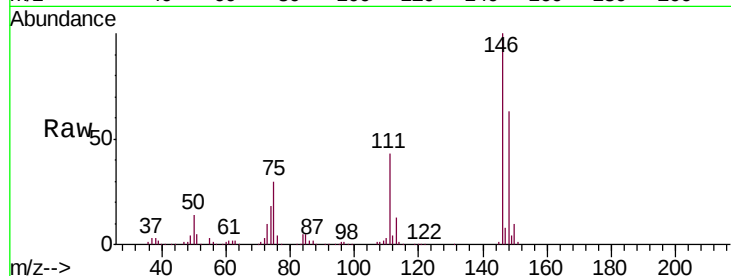
Tgt Ion:146 Resp: 71500

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

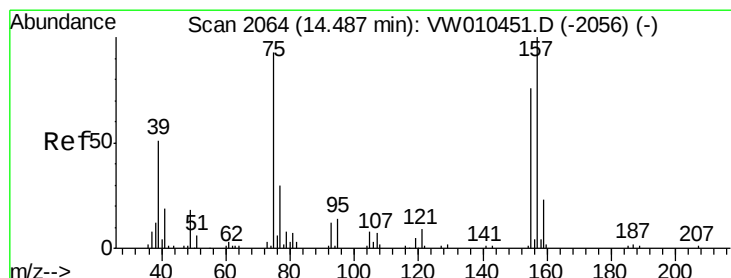
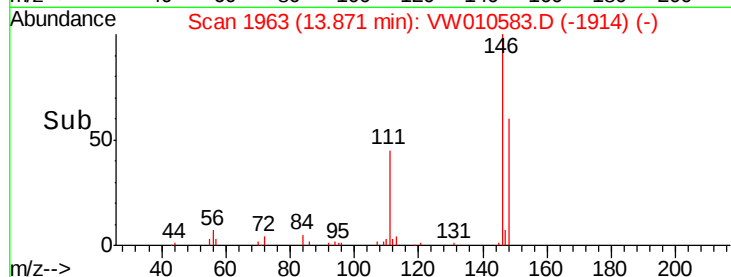
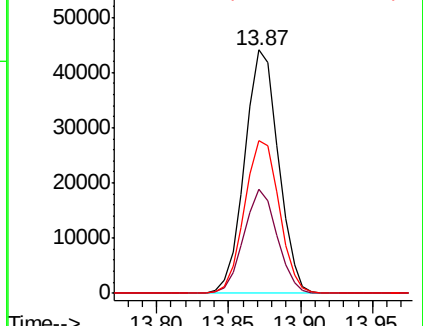
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.967 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW010583.D

Acq: 29 May 2019 11:39

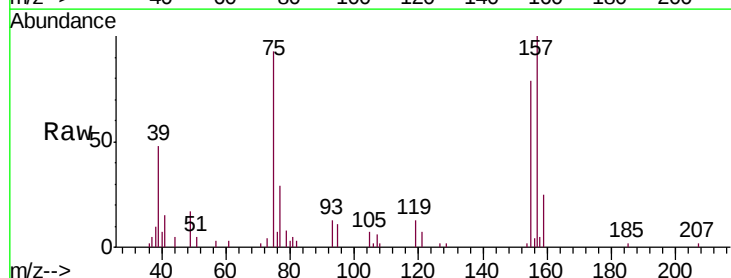
Tgt Ion: 75 Resp: 4823

Ion Ratio Lower Upper

75 100

155 86.0 43.0 129.0

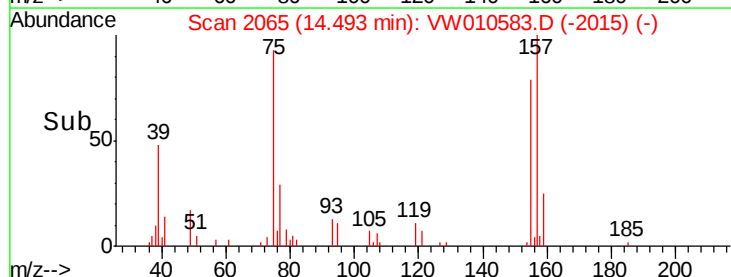
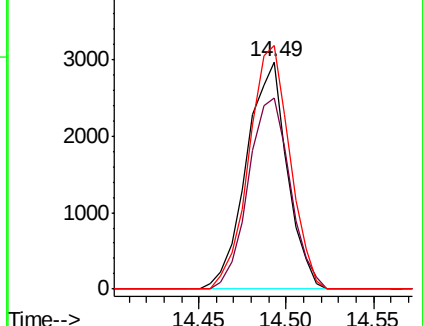
157 107.5 55.7 167.1

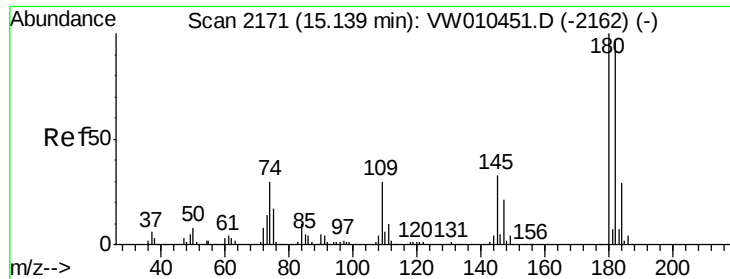


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

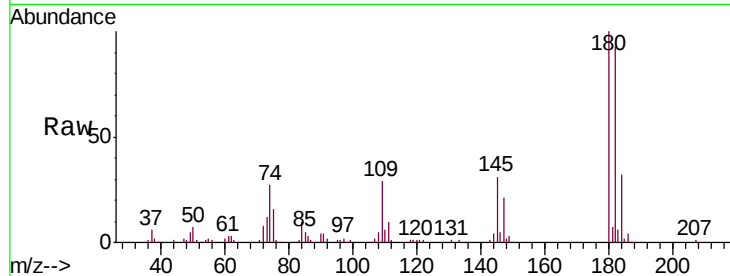




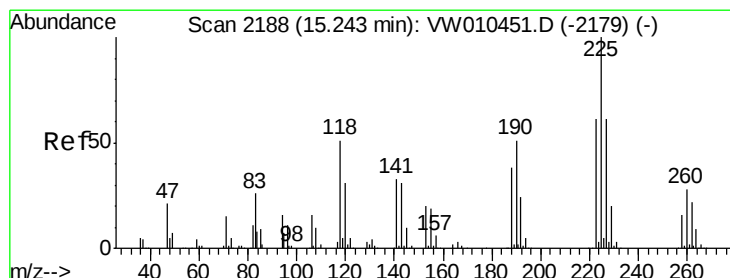
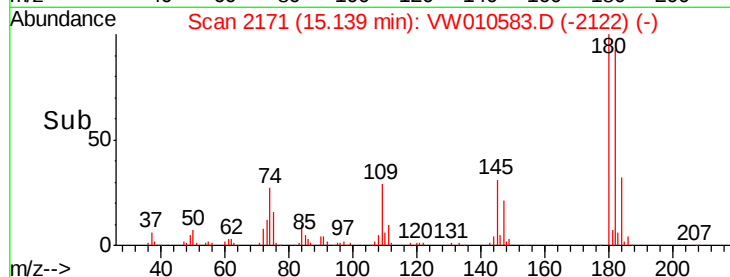
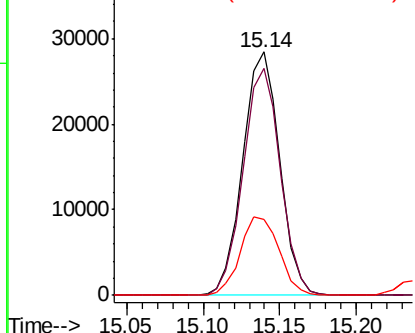
#93
 1,2,4-Trichlorobenzene
 Concen: 22.099 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

Tgt Ion:180 Resp: 47743
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.0 141.2
 145 33.9 16.7 50.0

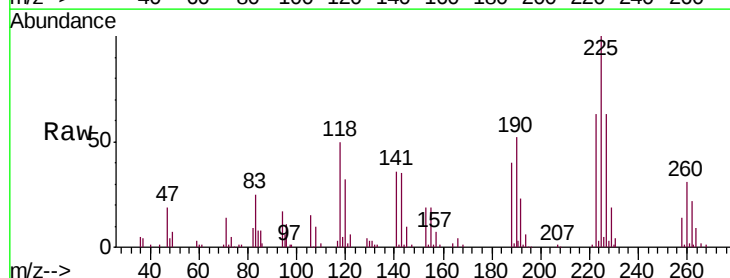


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

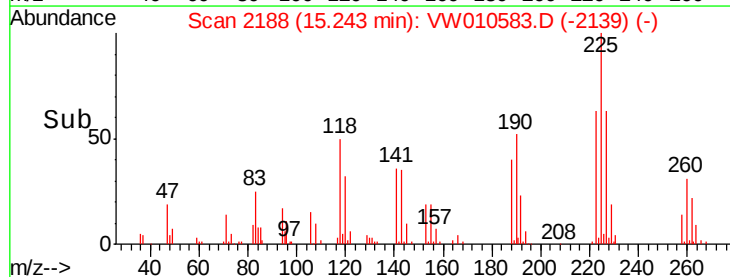
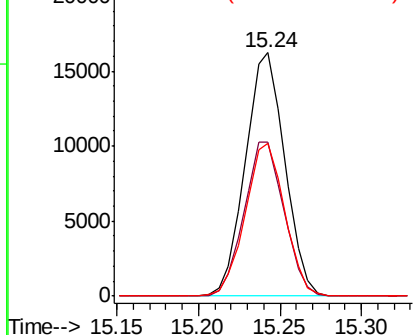


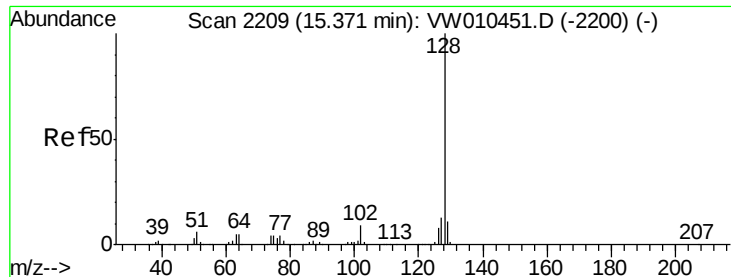
#94
 Hexachlorobutadiene
 Concen: 23.705 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010583.D
 Acq: 29 May 2019 11:39

Tgt Ion:225 Resp: 27359
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 62.8 31.1 93.5



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

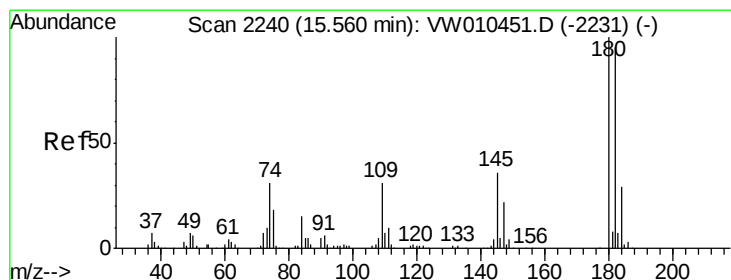
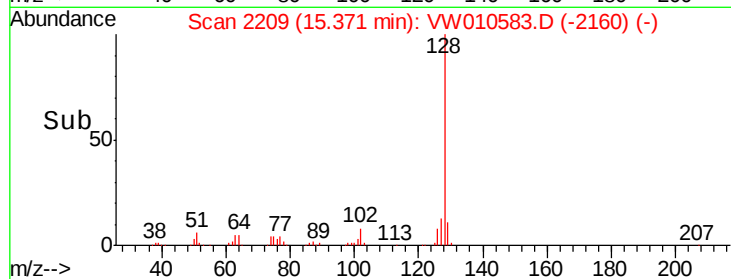
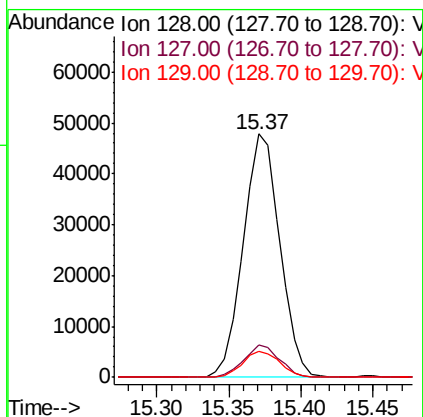
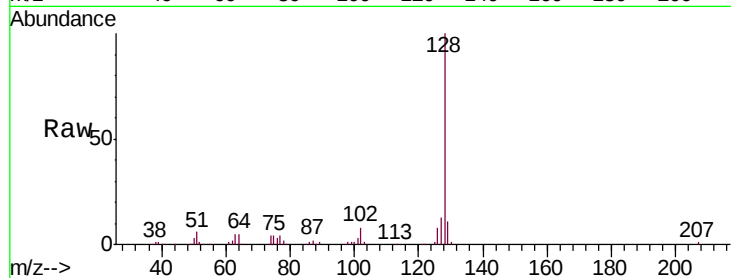




#95
Naphthalene
Concen: 18.541 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Tgt Ion:128 Resp: 84084
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.853 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010583.D
Acq: 29 May 2019 11:39

Tgt Ion:180 Resp: 40623
Ion Ratio Lower Upper
180 100
182 93.2 47.1 141.3
145 35.3 17.4 52.3

