

Data File : VW010584.D
Acq On : 29 May 2019 12:06
Operator : SY/VA
Sample : VW0529SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Quant Time: May 30 07:11:02 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	124391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	204477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66962	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.88	113	70511	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
50) Toluene-d8	10.32	98	267937	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
62) 4-Bromofluorobenzene	12.62	95	106060	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	18876	16.848	ug/l	96
3) Chloromethane	2.21	50	21167	16.196	ug/l	99
4) Vinyl Chloride	2.35	62	23976	15.838	ug/l	96
5) Bromomethane	2.74	94	17923	17.210	ug/l	93
6) Chloroethane	2.90	64	16656	17.139	ug/l	96
7) Trichlorofluoromethane	3.25	101	46357	20.741	ug/l	98
8) Diethyl Ether	3.68	74	14195	20.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29131	21.164	ug/l	96
10) Methyl Iodide	4.27	142	26309	16.723	ug/l	97
11) Tert butyl alcohol	5.15	59	17964	155.548	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	26699	20.321	ug/l	96
13) Acrolein	3.89	56	6861	87.449	ug/l	95
14) Allyl chloride	4.67	41	37404	19.667	ug/l	98
15) Acrylonitrile	5.37	53	29898	100.764	ug/l	97
16) Acetone	4.12	43	27060	103.252	ug/l	99
17) Carbon Disulfide	4.37	76	71330	18.201	ug/l	99
18) Methyl Acetate	4.67	43	14024	21.879	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	69043	20.613	ug/l	98
20) Methylene Chloride	4.91	84	29157	15.457	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	31090	20.629	ug/l	97
22) Diisopropyl ether	6.31	45	79529	20.394	ug/l	98
23) Vinyl Acetate	6.26	43	229992	98.732	ug/l	100
24) 1,1-Dichloroethane	6.21	63	49259	21.167	ug/l	99
25) 2-Butanone	7.17	43	39885	106.344	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50260	22.673	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	35926	21.927	ug/l	99
28) Bromochloromethane	7.51	49	18353	22.027	ug/l	91
29) Tetrahydrofuran	7.53	42	24300	95.747	ug/l	98
30) Chloroform	7.68	83	54762	21.816	ug/l	98
31) Cyclohexane	7.95	56	46899	19.239	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	51028	21.269	ug/l	98
36) 1,1-Dichloropropene	8.08	75	42370	22.244	ug/l	99
37) Ethyl Acetate	7.26	43	17156	21.180	ug/l	98
38) Carbon Tetrachloride	8.07	117	46467	22.614	ug/l	98

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Instrument :
MSVOA_W
ClientSampleId :
VW0529SBS01

Quant Time: May 30 07:11:02 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)
39) Methylcyclohexane	9.34	83	55500	21.748	ug/l	97
40) Benzene	8.32	78	119508	22.573	ug/l	100
41) Methacrylonitrile	7.49	41	9011	18.723	ug/l	93
42) 1,2-Dichloroethane	8.40	62	33778	22.323	ug/l	100
43) Isopropyl Acetate	8.43	43	32867	20.311	ug/l	98
44) Trichloroethene	9.09	130	36582	23.274	ug/l	97
45) 1,2-Dichloropropane	9.37	63	28243	22.462	ug/l	96
46) Dibromomethane	9.46	93	16515	22.459	ug/l	96
47) Bromodichloromethane	9.65	83	40605	21.974	ug/l	95
48) Methyl methacrylate	9.44	41	14656	19.797	ug/l	95
49) 1,4-Dioxane	9.45	88	5185	431.640	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	85357	104.095	ug/l	99
52) Toluene	10.39	92	82137	23.101	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	40094	21.423	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	47172	22.070	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	24624	23.287	ug/l	97
56) Ethyl methacrylate	10.65	69	30292	20.771	ug/l	100
57) 1,3-Dichloropropane	10.93	76	39993	22.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	73907	114.414	ug/l	99
59) 2-Hexanone	10.97	43	60968	104.229	ug/l	100
60) Dibromochloromethane	11.13	129	29840	22.297	ug/l	100
61) 1,2-Dibromoethane	11.24	107	23802	22.221	ug/l	97
64) Tetrachloroethene	10.87	164	29289	22.625	ug/l	95
65) Chlorobenzene	11.66	112	90370	22.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	32234	22.735	ug/l	98
67) Ethyl Benzene	11.73	91	155509	22.255	ug/l	97
68) m/p-Xylenes	11.84	106	124080	45.271	ug/l	99
69) o-Xylene	12.16	106	58800	22.644	ug/l	98
70) Styrene	12.18	104	98698	22.401	ug/l	99
71) Bromoform	12.35	173	16133	20.663	ug/l #	99
73) Isopropylbenzene	12.47	105	161702	21.735	ug/l	100
74) N-amyl acetate	12.27	43	31351	18.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	27071	20.006	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34688	36.450	ug/l	31
77) Bromobenzene	12.75	156	37691	22.639	ug/l	96
78) n-propylbenzene	12.80	91	183897	21.211	ug/l	99
79) 2-Chlorotoluene	12.90	91	106781	21.238	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	135472	21.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8294	18.189	ug/l	94
82) 4-Chlorotoluene	12.99	91	112207	21.501	ug/l	98
83) tert-Butylbenzene	13.21	119	118816	21.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	134850	21.488	ug/l	99
85) sec-Butylbenzene	13.38	105	165448	21.480	ug/l	100
86) p-Isopropyltoluene	13.50	119	150417	21.576	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72905	22.320	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	72745	22.198	ug/l	98
89) n-Butylbenzene	13.83	91	138138	20.831	ug/l	99
90) Hexachloroethane	14.10	117	27764	20.575	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	67383	22.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4867	19.343	ug/l	97

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

Data File : VW010584.D
Acq On : 29 May 2019 12:06
Operator : SY/VA
Sample : VW0529SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

Quant Time: May 30 07:11:02 2019
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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)
93) 1,2,4-Trichlorobenzene	15.14	180	44960	22.203	ug/l	99
94) Hexachlorobutadiene	15.24	225	24578	22.720	ug/l	98
95) Naphthalene	15.37	128	83597	19.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	39446	22.639	ug/l	100

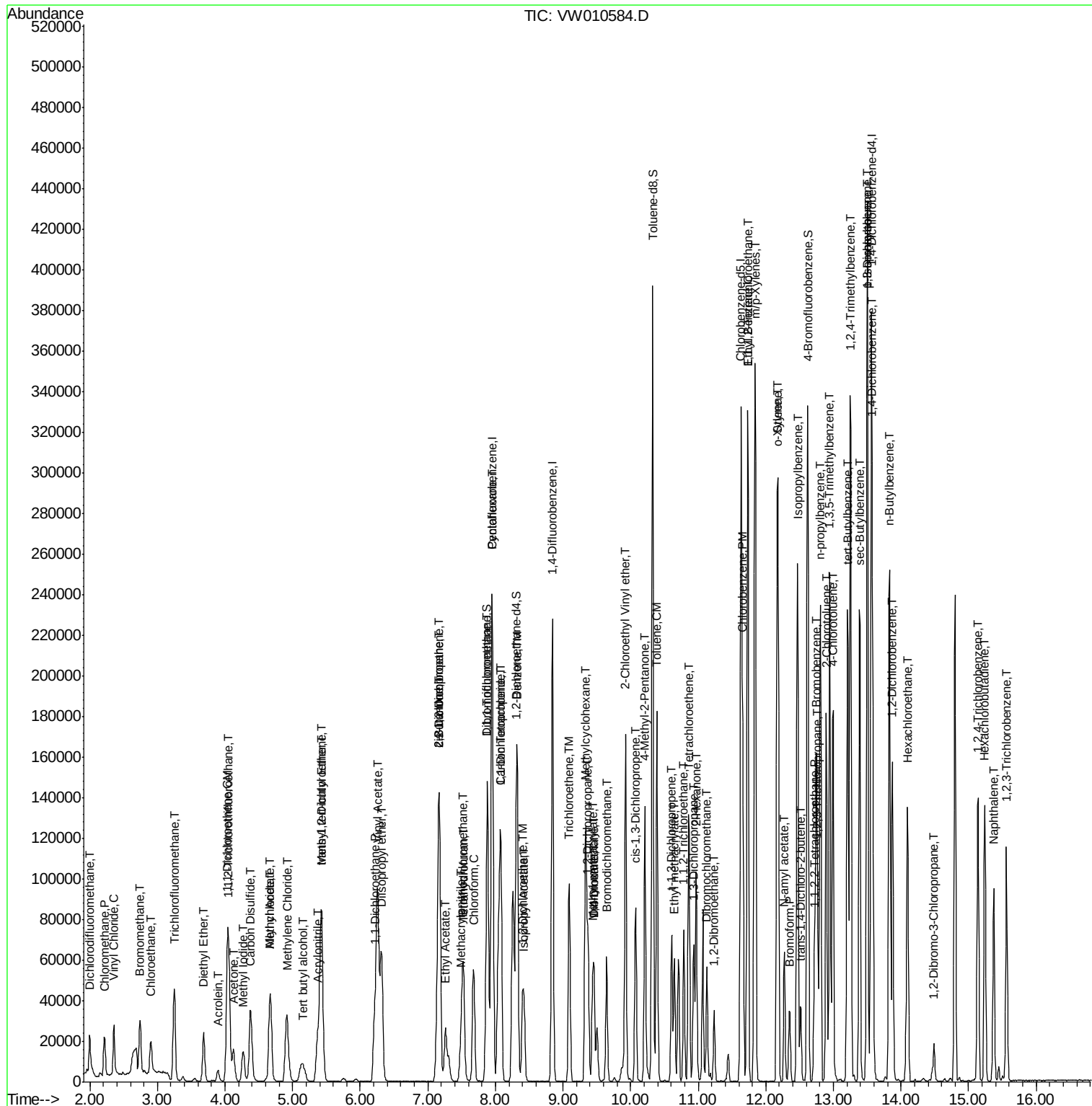
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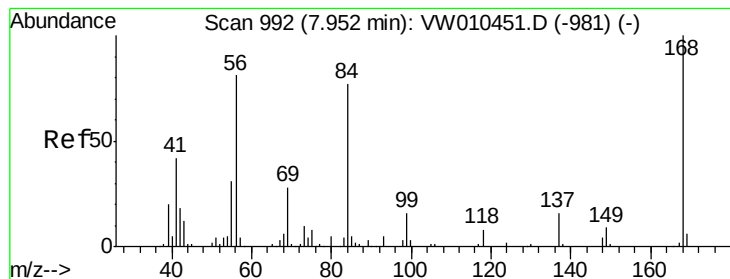
Data File : VW010584.D

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Acq On       : 29 May 2019   12:06
Operator    : SY/VA
Sample      : VW0529SBD01
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

Quant Time: May 30 07:11:02 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

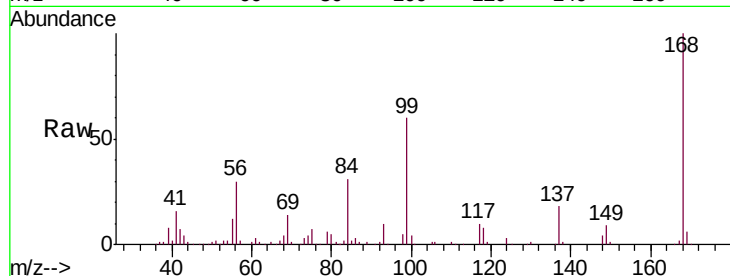
VW0529SBSD01

Tgt Ion:168 Resp: 124391

Ion Ratio Lower Upper

168 100

99 59.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

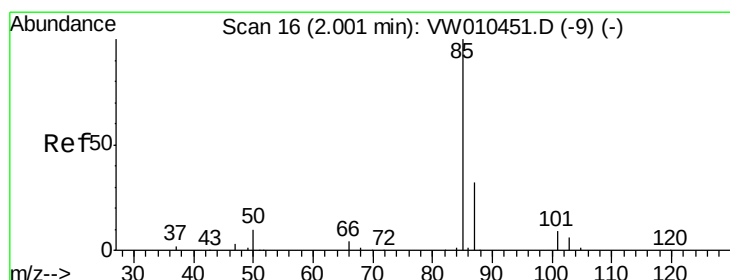
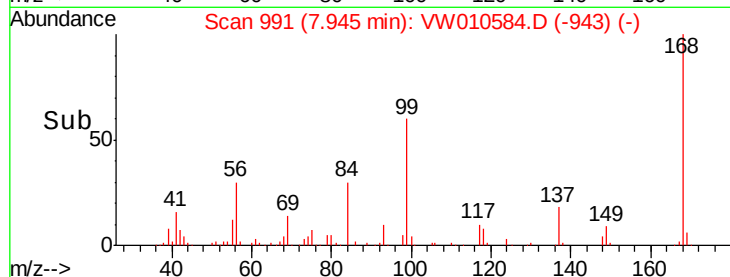
20000

10000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.848 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010584.D

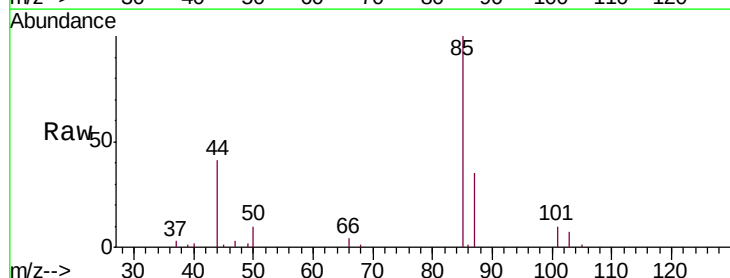
Acq: 29 May 2019 12:06

Tgt Ion: 85 Resp: 18876

Ion Ratio Lower Upper

85 100

87 34.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

6000

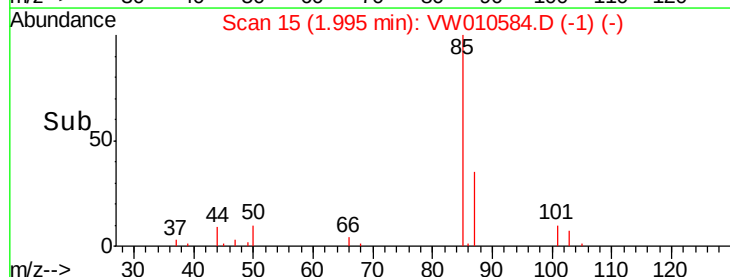
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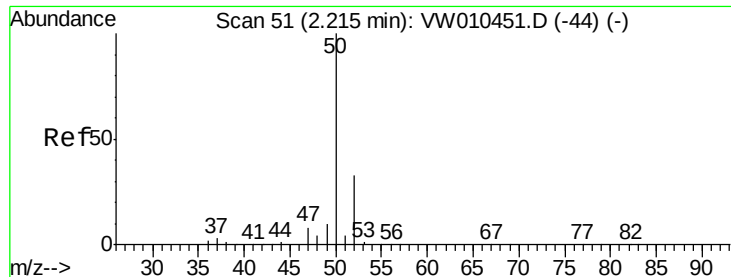
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 16.196 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

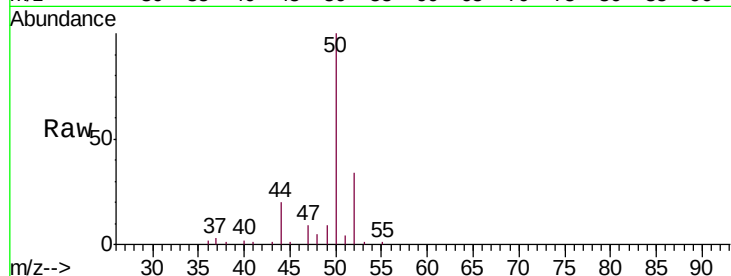
VW0529SBSD01

Tgt Ion: 50 Resp: 21167

Ion Ratio Lower Upper

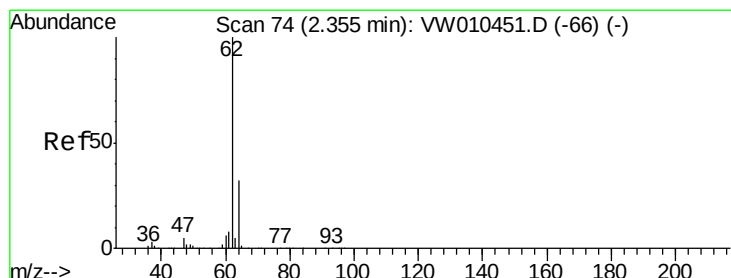
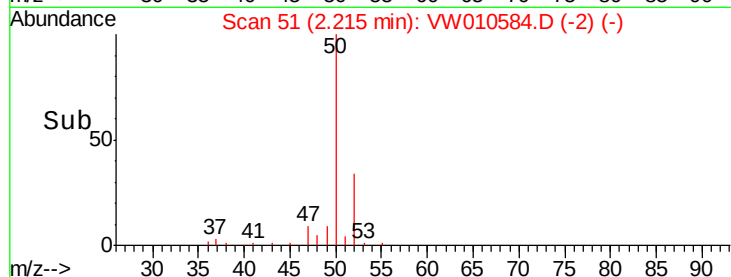
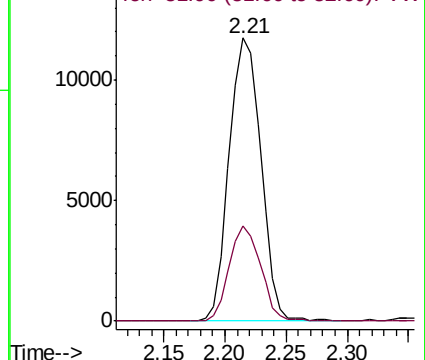
50 100

52 33.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 15.838 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010584.D

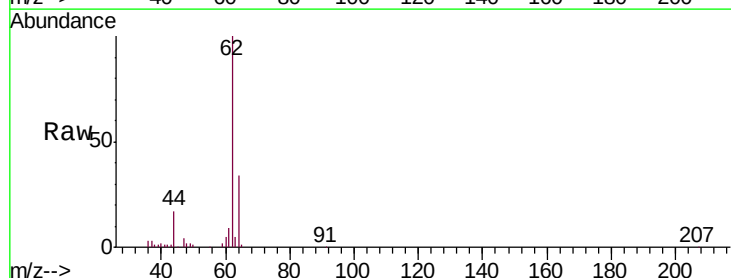
Acq: 29 May 2019 12:06

Tgt Ion: 62 Resp: 23976

Ion Ratio Lower Upper

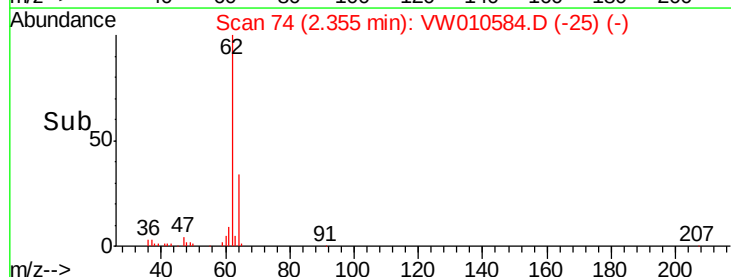
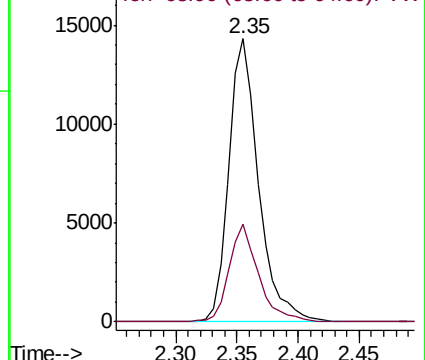
62 100

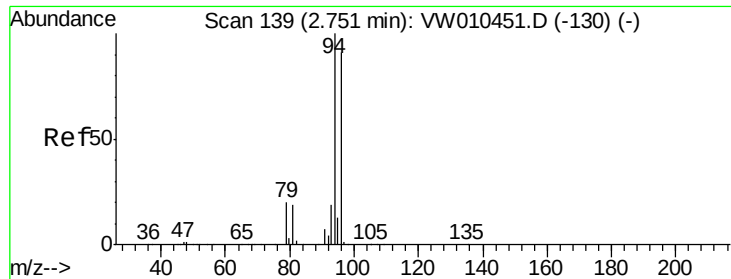
64 34.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 17.210 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

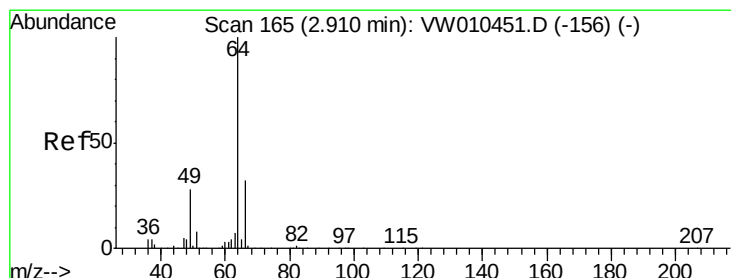
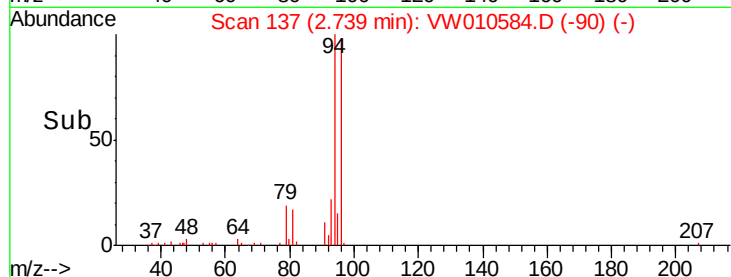
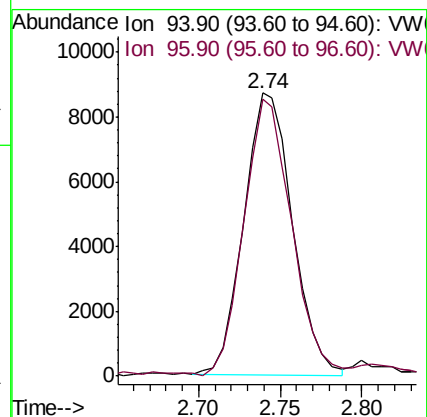
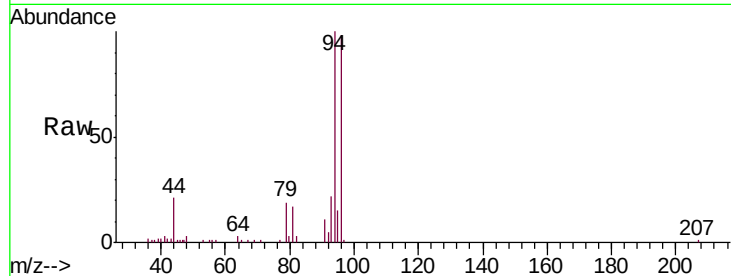
VW0529SBSD01

Tgt Ion: 94 Resp: 17923

Ion Ratio Lower Upper

94 100

96 97.8 72.9 109.3



#6

Chloroethane

Concen: 17.139 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010584.D

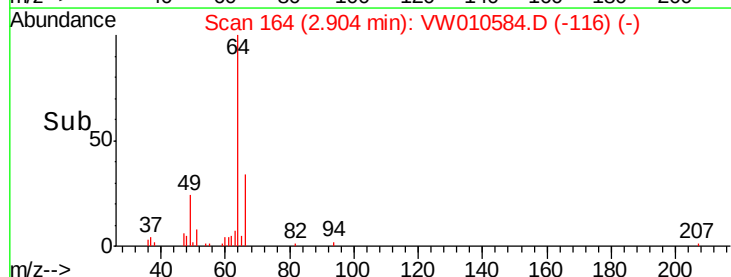
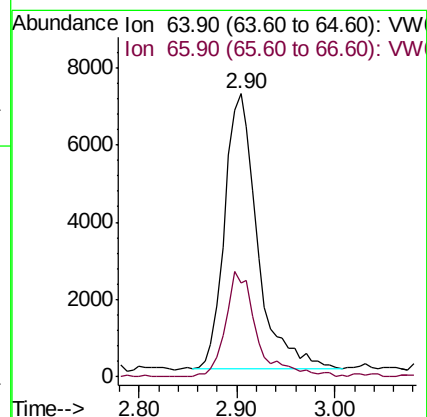
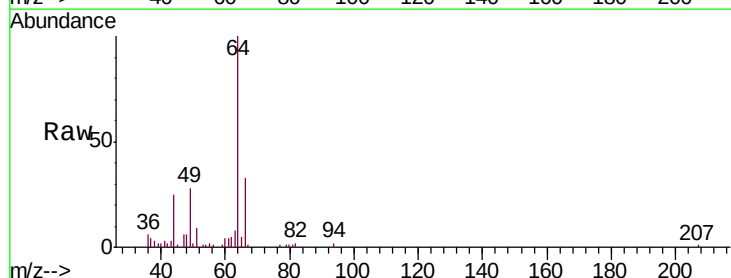
Acq: 29 May 2019 12:06

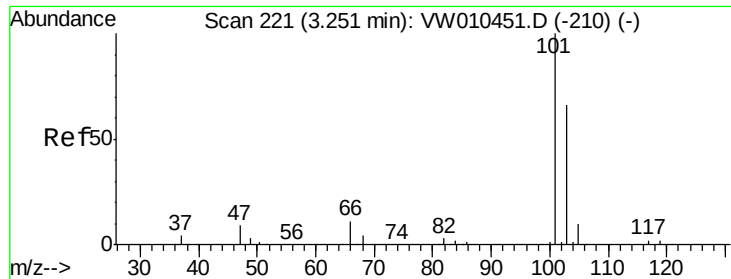
Tgt Ion: 64 Resp: 16656

Ion Ratio Lower Upper

64 100

66 34.3 25.5 38.3



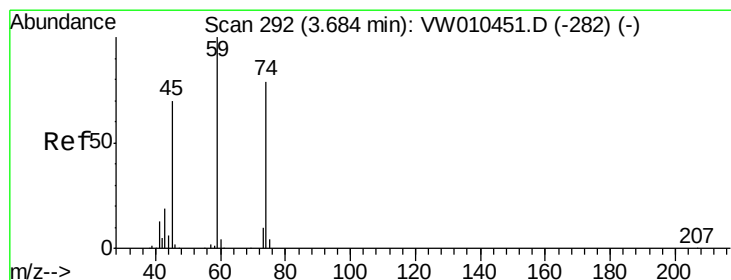
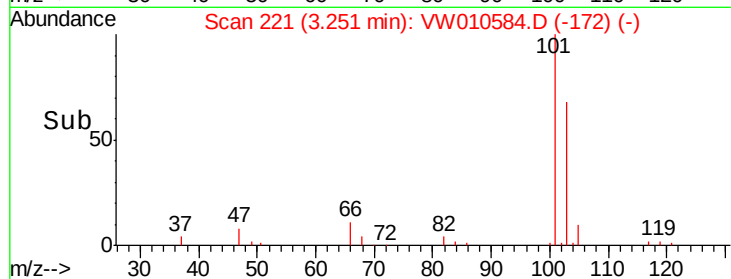
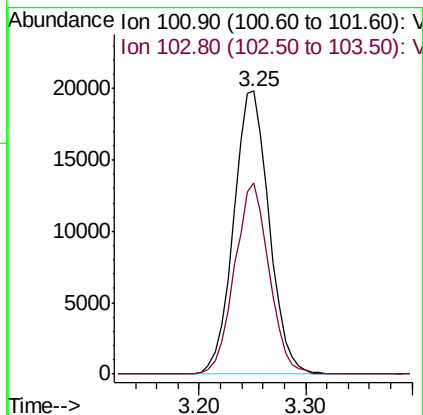
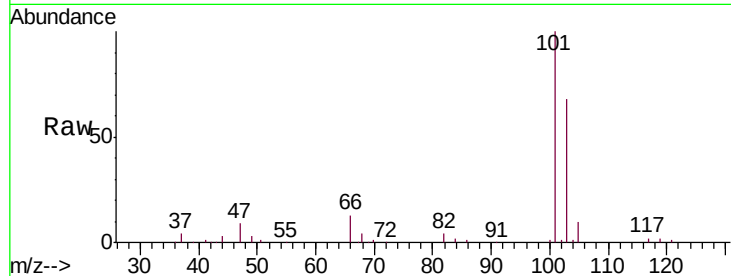


#7

Trichlorofluoromethane
 Concen: 20.741 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

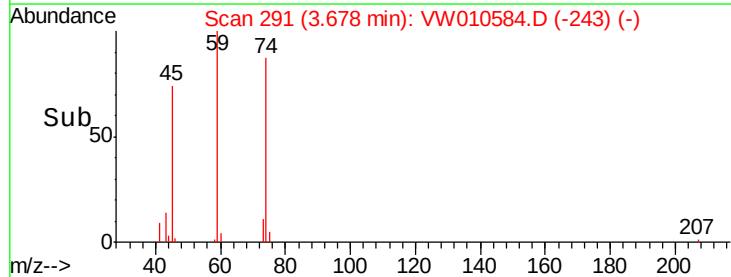
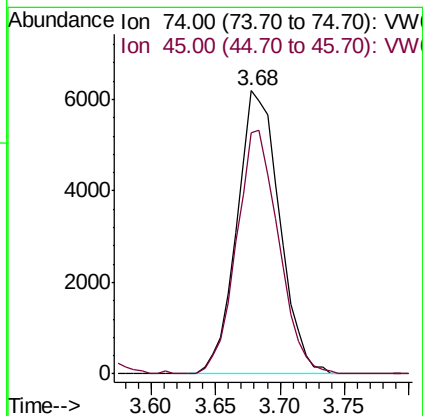
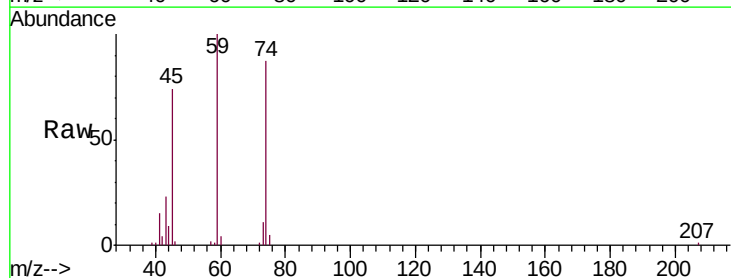
Tgt Ion:101 Resp: 46357
 Ion Ratio Lower Upper
 101 100
 103 67.6 53.0 79.4

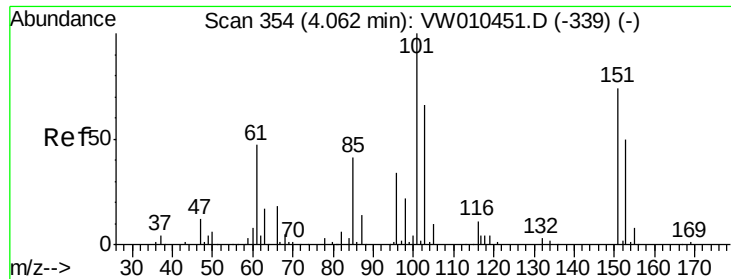


#8

Diethyl Ether
 Concen: 20.036 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 74 Resp: 14195
 Ion Ratio Lower Upper
 74 100
 45 85.2 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.164 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

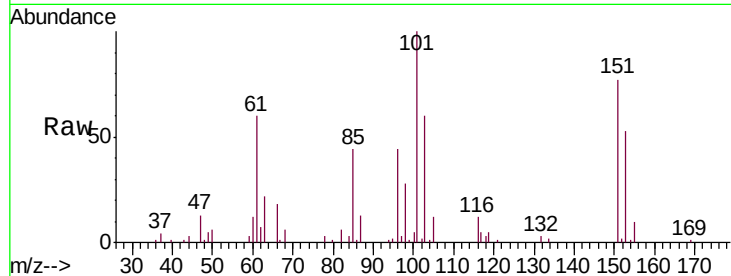
Tgt Ion:101 Resp: 29131

Ion Ratio Lower Upper

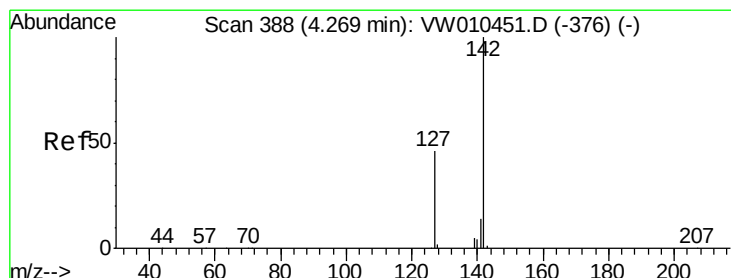
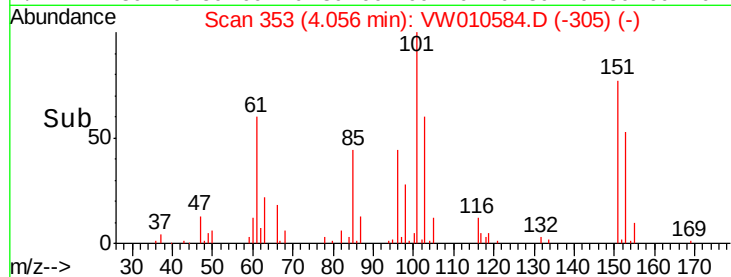
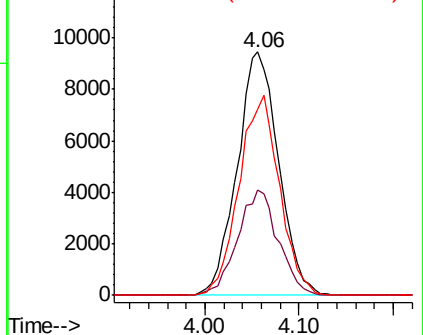
101 100

85 42.4 34.3 51.5

151 80.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.723 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

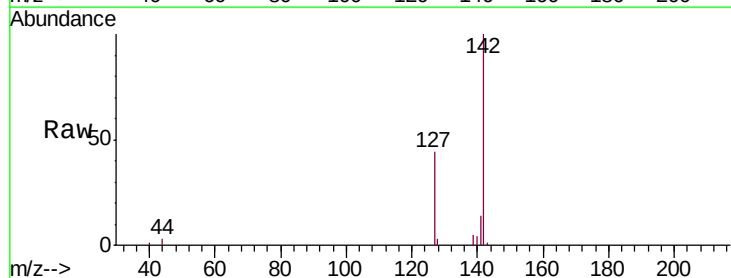
Tgt Ion:142 Resp: 26309

Ion Ratio Lower Upper

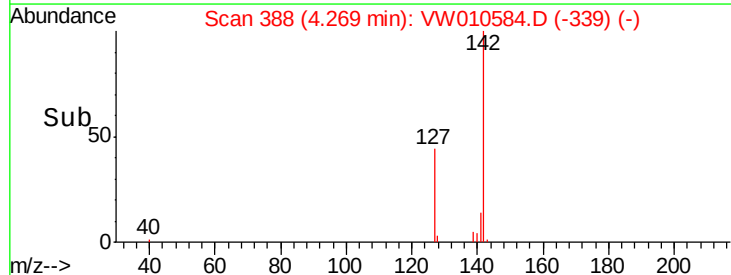
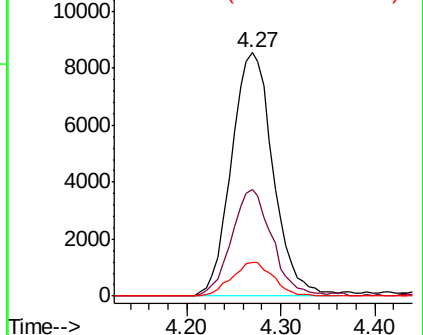
142 100

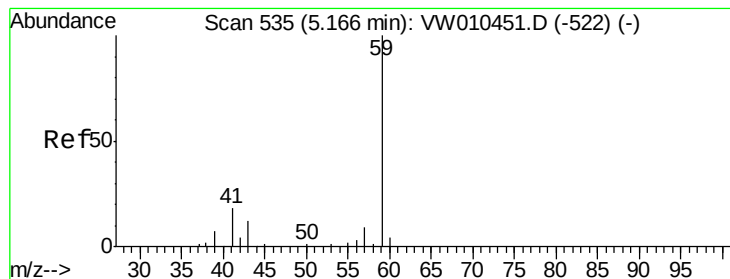
127 42.6 36.1 54.1

141 13.7 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



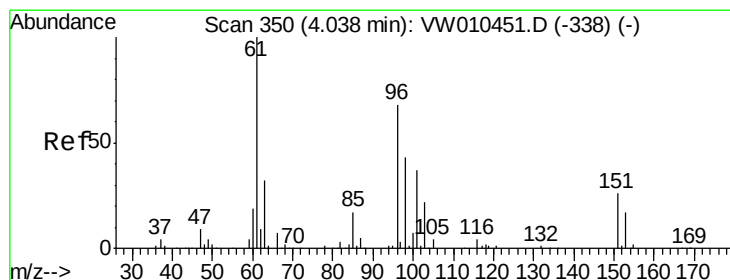
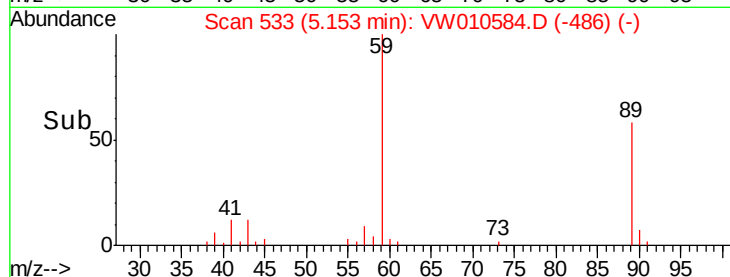
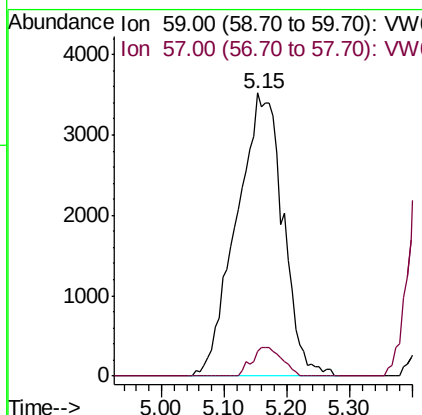
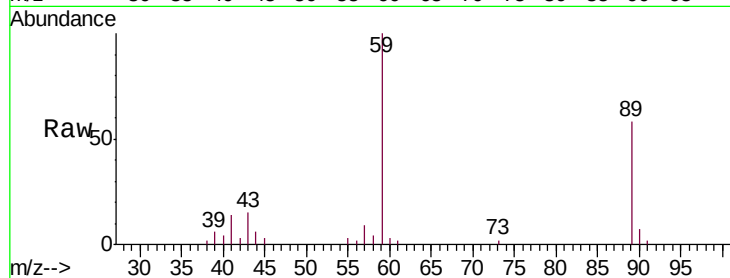


#11

Tert butyl alcohol
 Concen: 155.548 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

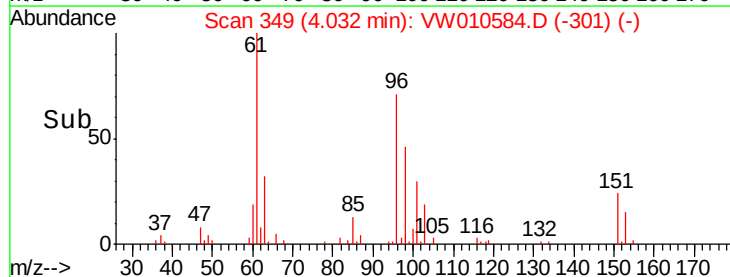
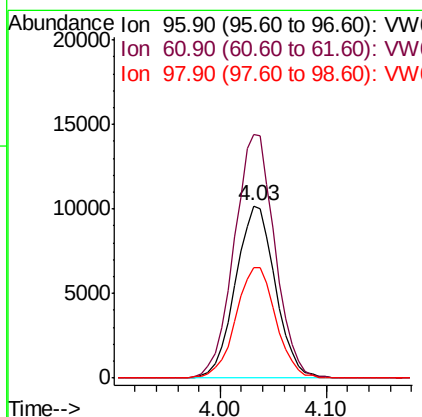
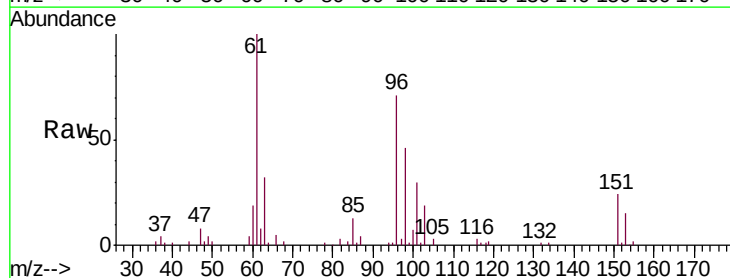
Tgt Ion: 59 Resp: 17964
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.8 13.2#

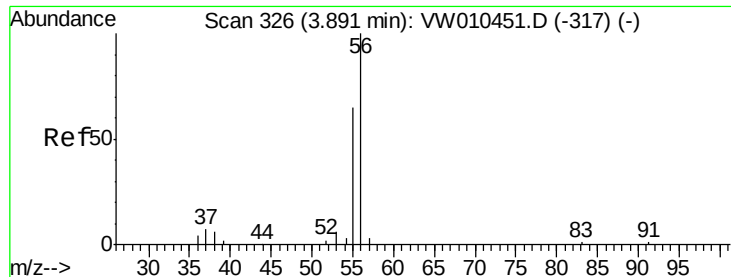


#12

1,1-Dichloroethene
 Concen: 20.321 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 96 Resp: 26699
 Ion Ratio Lower Upper
 96 100
 61 141.4 118.3 177.5
 98 64.5 51.0 76.6





#13

Acrolein

Concen: 87.449 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

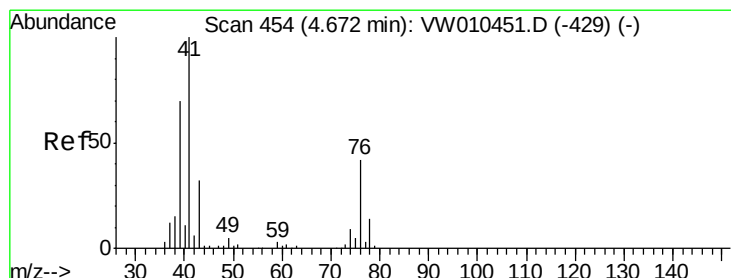
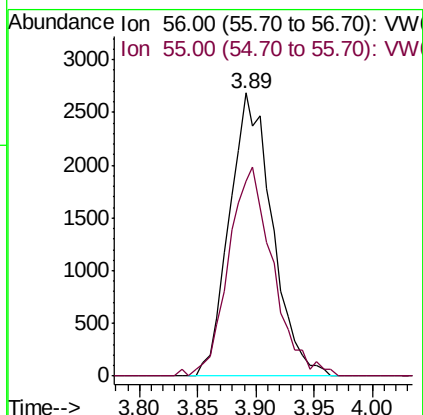
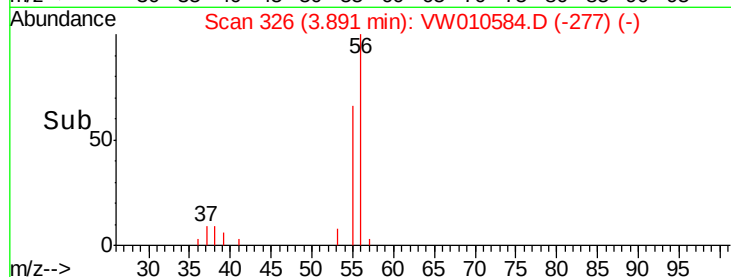
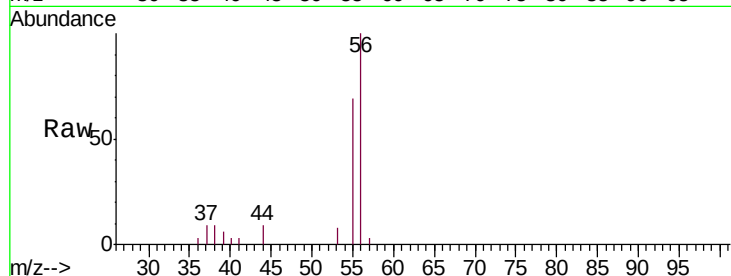
VW0529SBSD01

Tgt Ion: 56 Resp: 6861

Ion Ratio Lower Upper

56 100

55 76.8 57.9 86.9



#14

Allyl chloride

Concen: 19.667 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

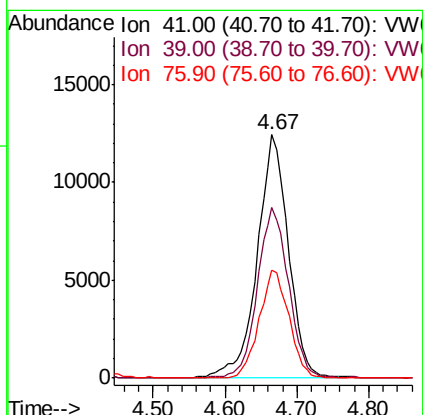
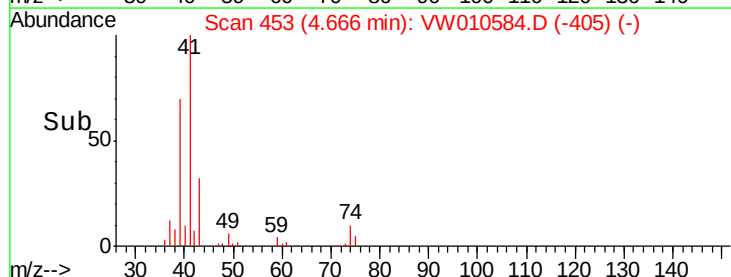
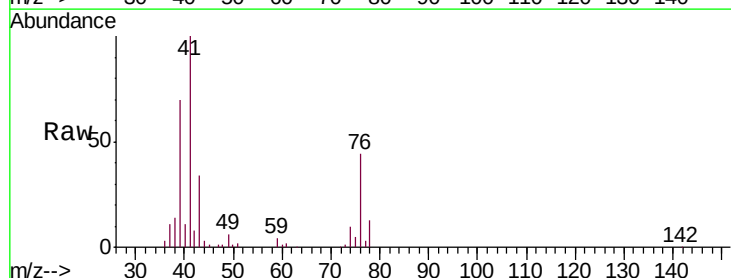
Tgt Ion: 41 Resp: 37404

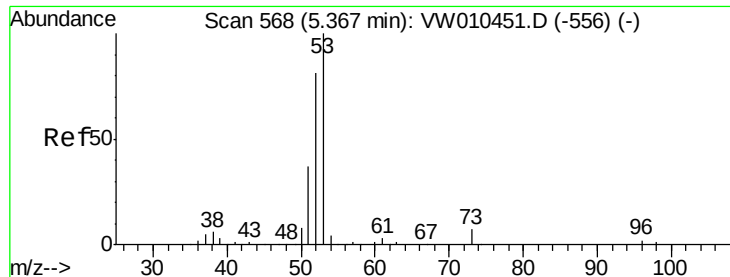
Ion Ratio Lower Upper

41 100

39 70.1 55.0 82.4

76 42.2 32.8 49.2





#15

Acrylonitrile

Concen: 100.764 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

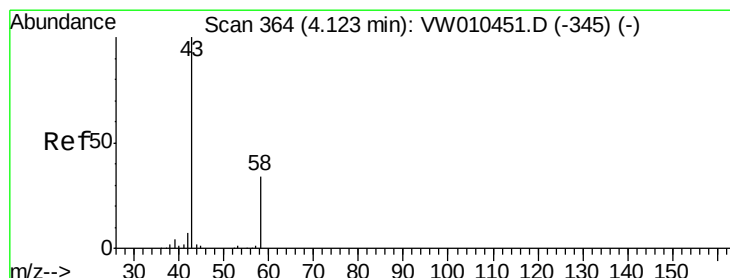
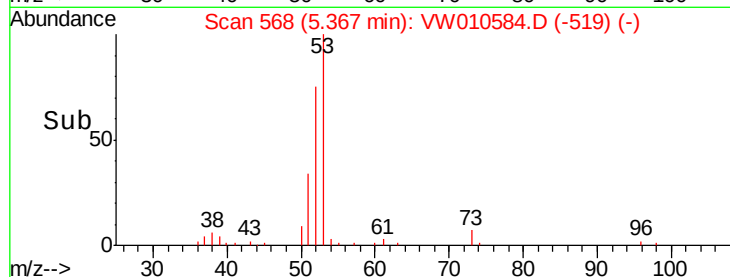
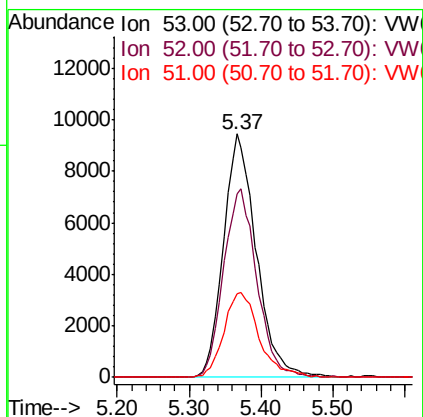
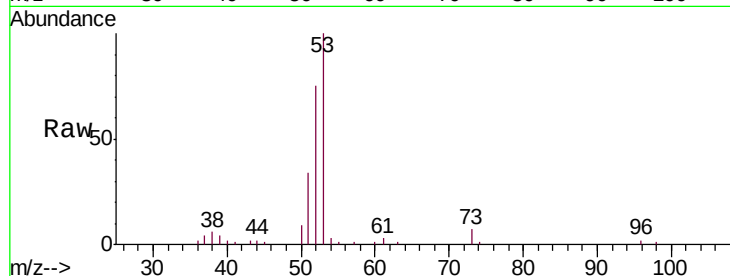
Tgt Ion: 53 Resp: 29898

Ion Ratio Lower Upper

53 100

52 78.3 65.6 98.4

51 37.5 29.5 44.3



#16

Acetone

Concen: 103.252 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010584.D

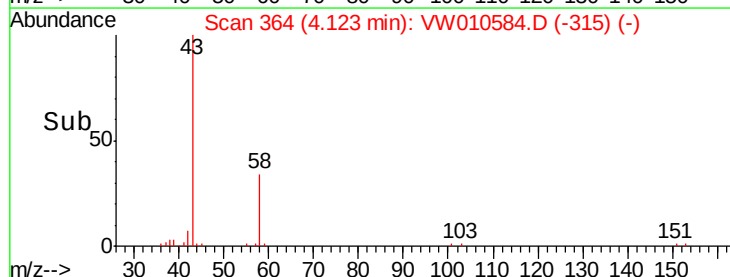
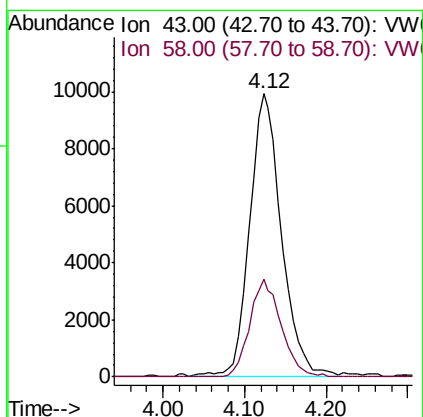
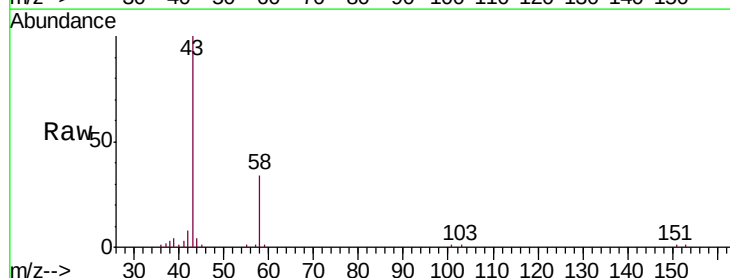
Acq: 29 May 2019 12:06

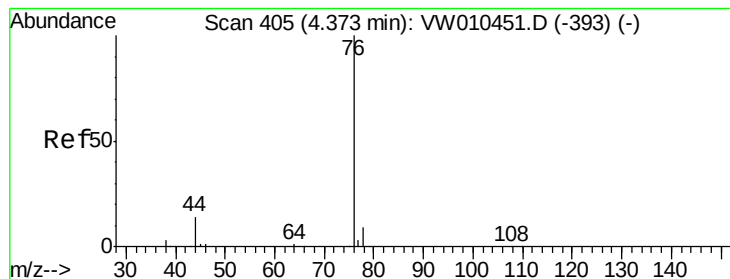
Tgt Ion: 43 Resp: 27060

Ion Ratio Lower Upper

43 100

58 34.3 27.0 40.4





#17

Carbon Disulfide

Concen: 18.201 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

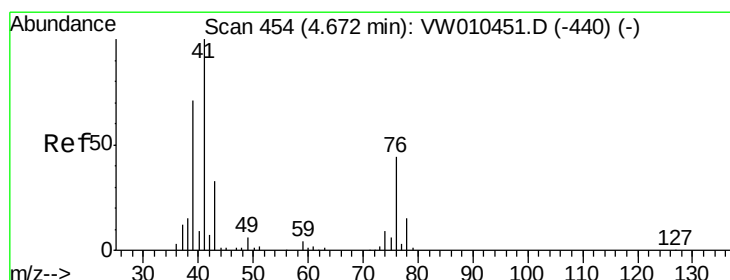
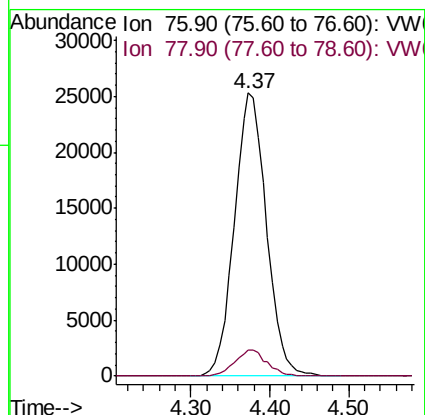
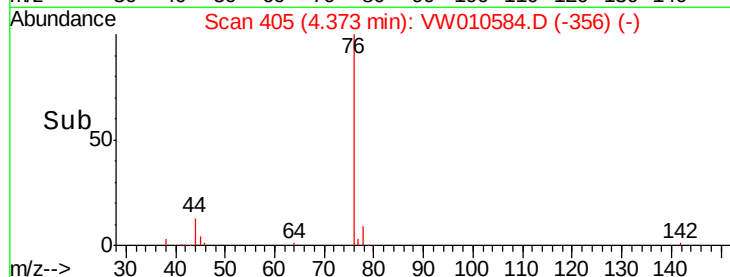
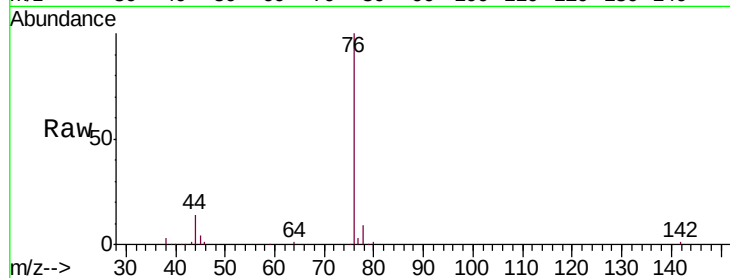
VW0529SBSD01

Tgt Ion: 76 Resp: 71330

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 21.879 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010584.D

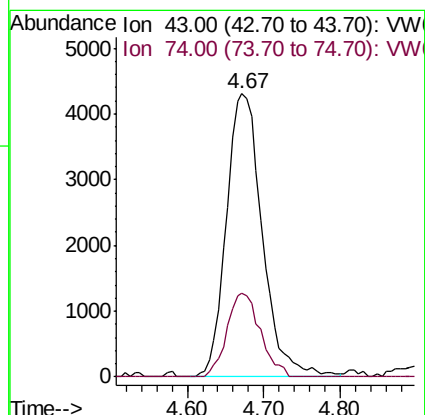
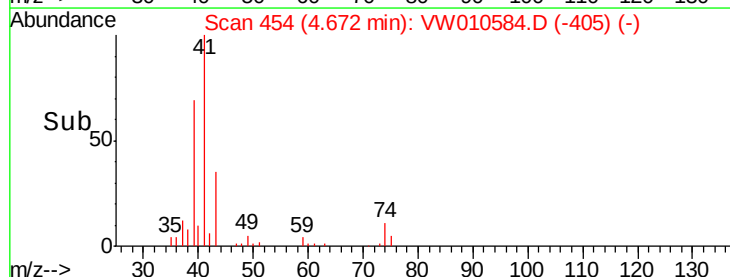
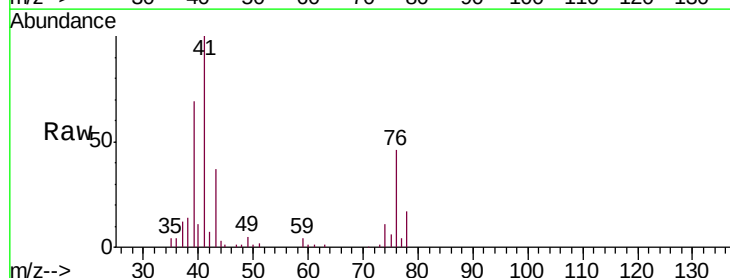
Acq: 29 May 2019 12:06

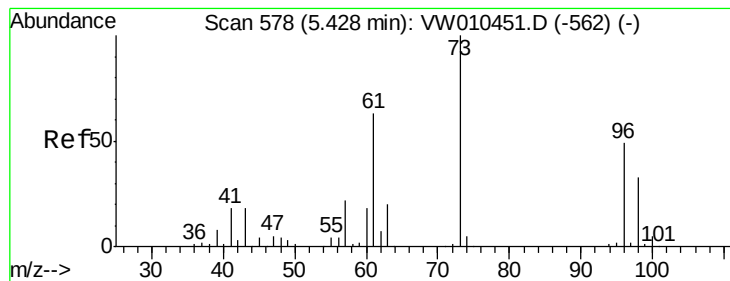
Tgt Ion: 43 Resp: 14024

Ion Ratio Lower Upper

43 100

74 27.3 21.6 32.4



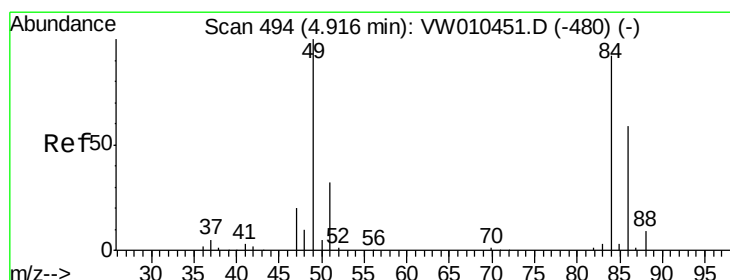
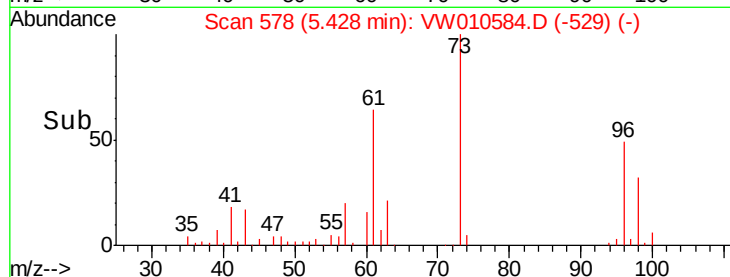
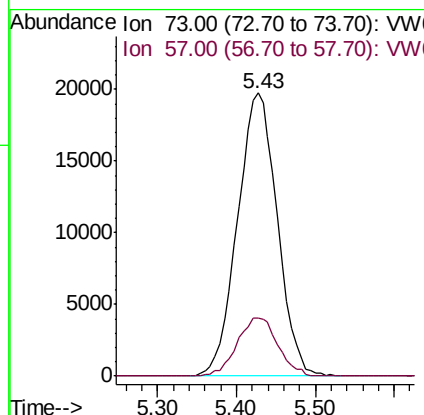
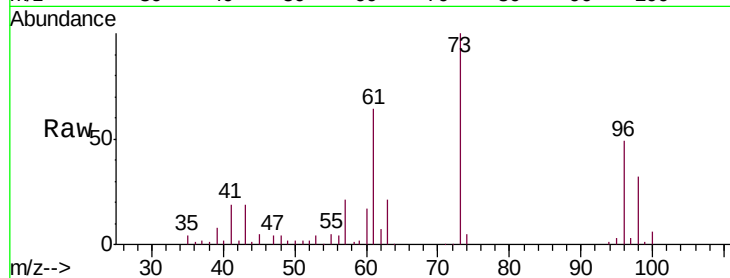


#19

Methyl tert-butyl Ether
 Concen: 20.613 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

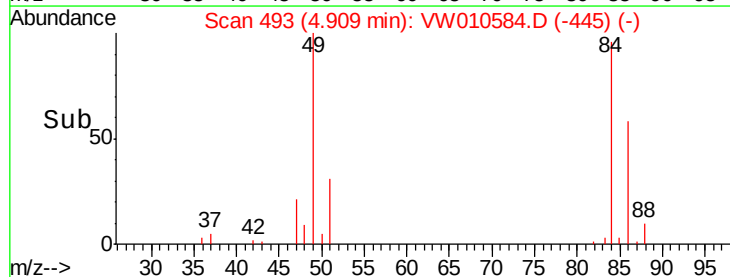
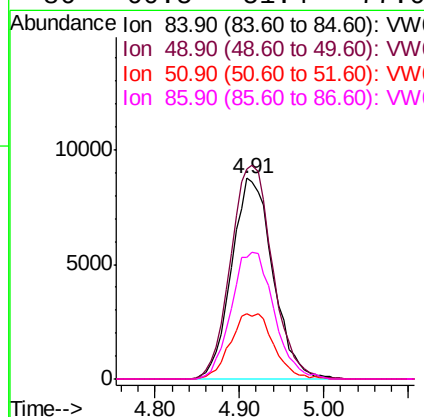
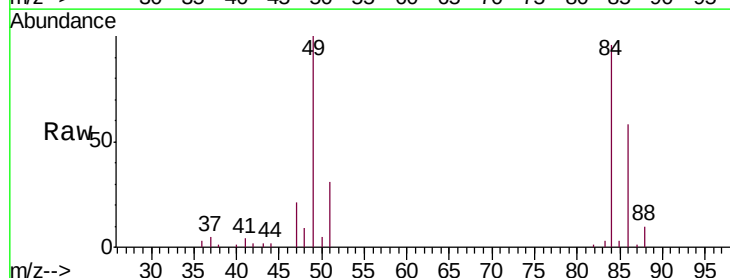
Tgt Ion: 73 Resp: 69043
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.4 26.0

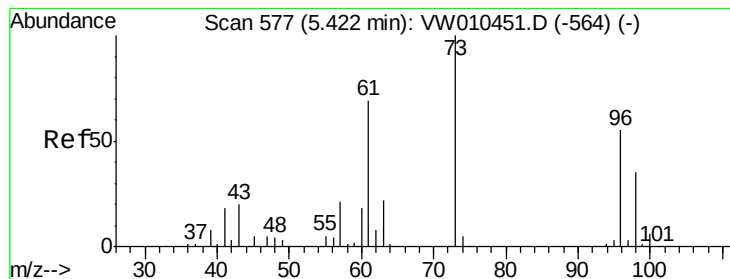


#20

Methylene Chloride
 Concen: 15.457 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 84 Resp: 29157
 Ion Ratio Lower Upper
 84 100
 49 104.5 87.2 130.8
 51 32.3 27.7 41.5
 86 60.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.629 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

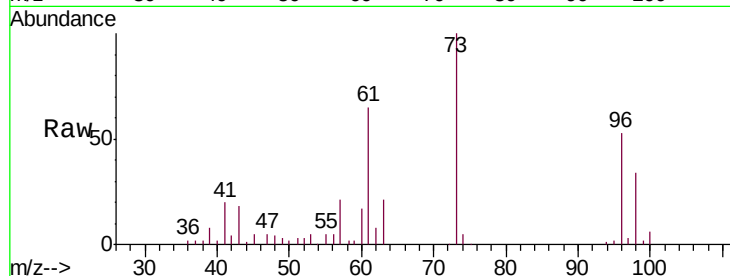
Tgt Ion: 96 Resp: 31090

Ion Ratio Lower Upper

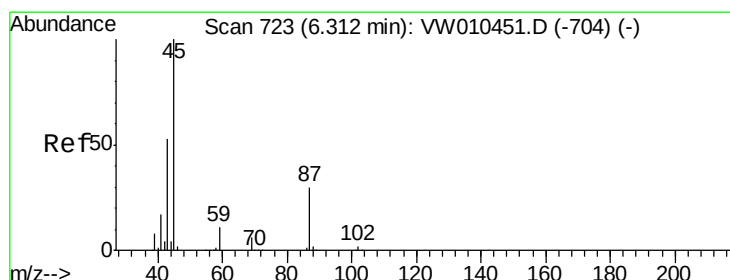
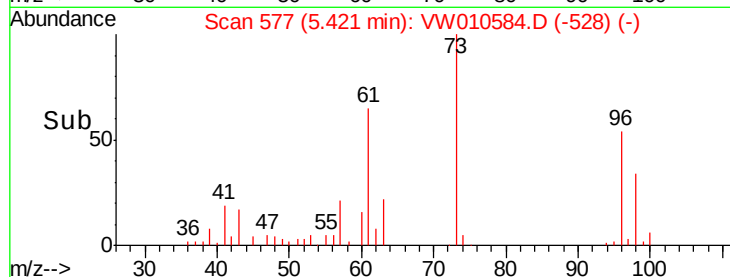
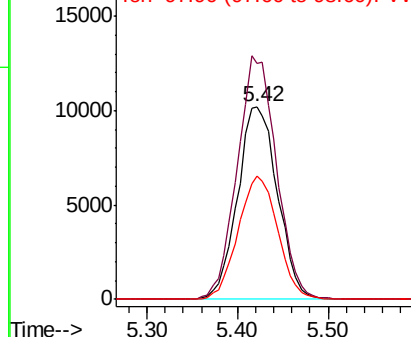
96 100

61 122.6 101.4 152.0

98 64.1 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: 20.394 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Tgt Ion: 45 Resp: 79529

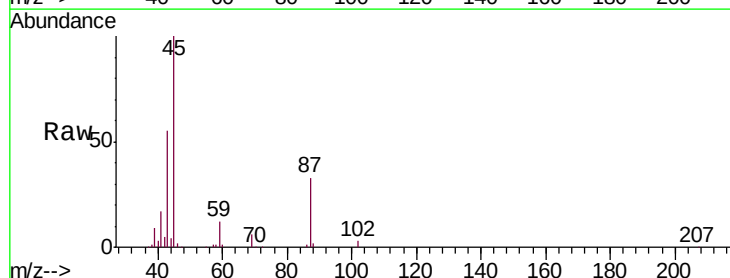
Ion Ratio Lower Upper

45 100

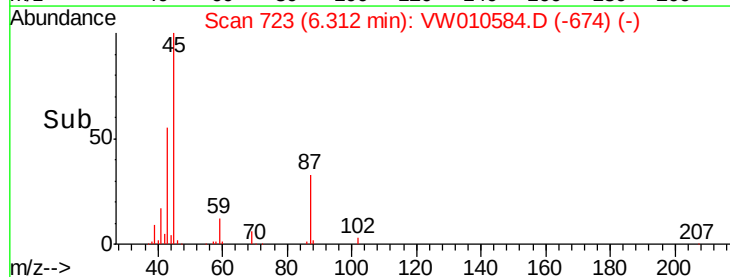
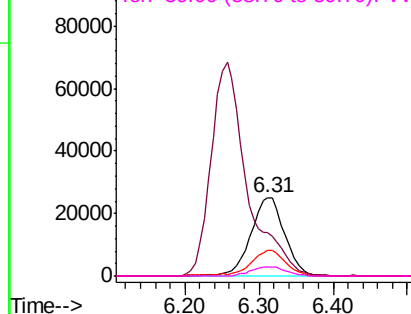
43 54.9 42.9 64.3

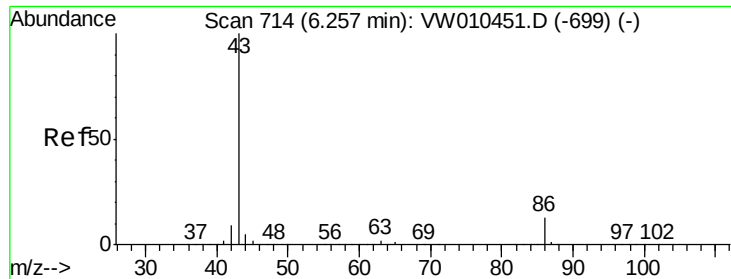
87 32.9 24.6 36.8

59 12.2 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: 98.732 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

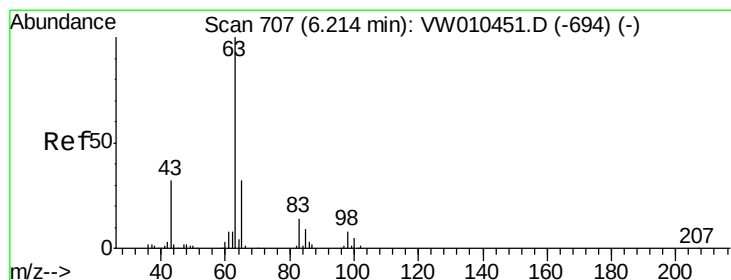
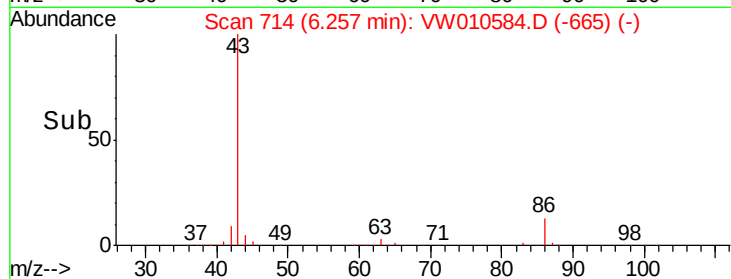
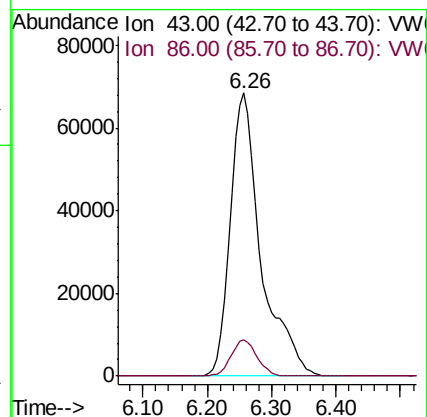
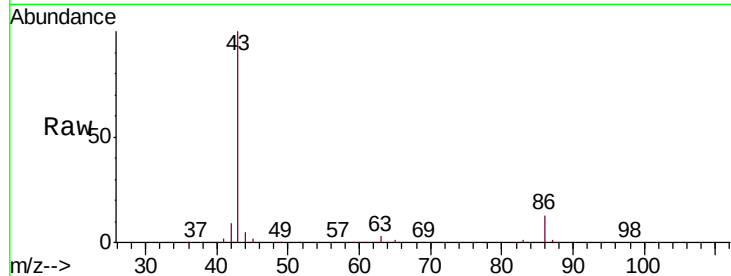
VW0529SBSD01

Tgt Ion: 43 Resp: 229992

Ion Ratio Lower Upper

43 100

86 12.7 10.3 15.5



#24

1,1-Dichloroethane

Concen: 21.167 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

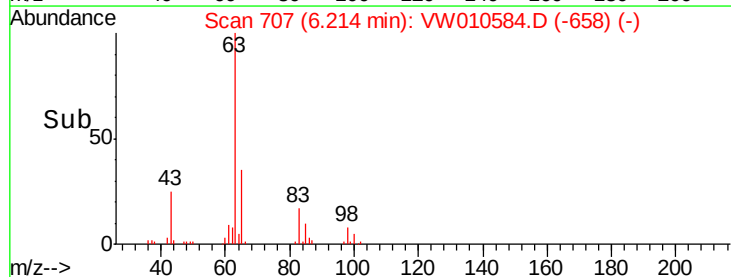
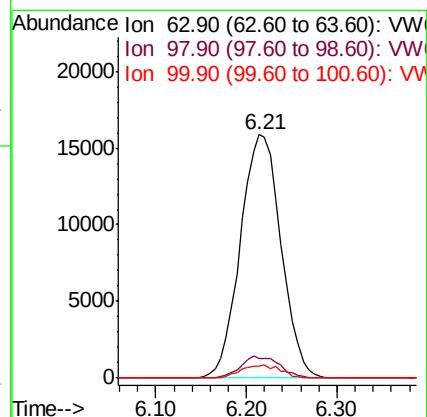
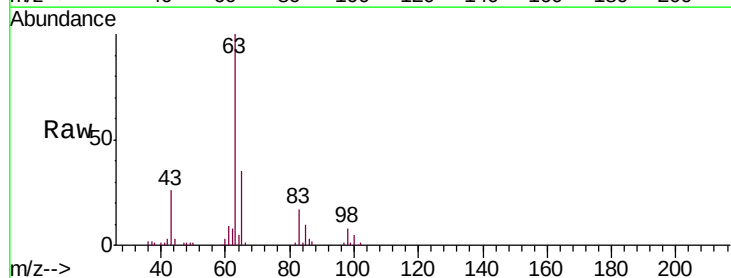
Tgt Ion: 63 Resp: 49259

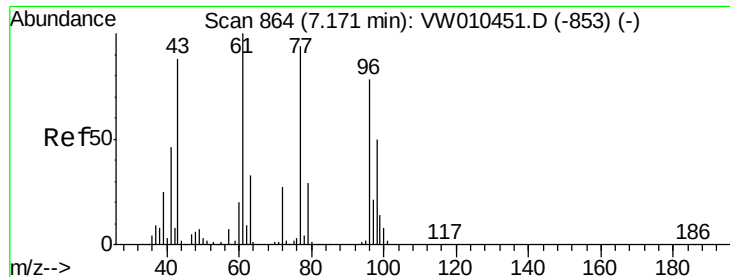
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 106.344 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

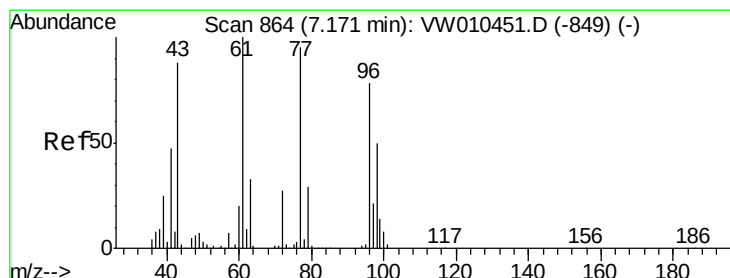
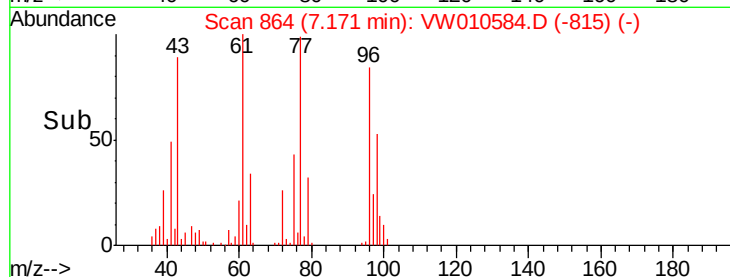
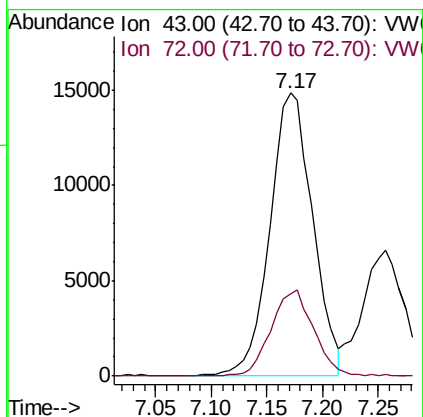
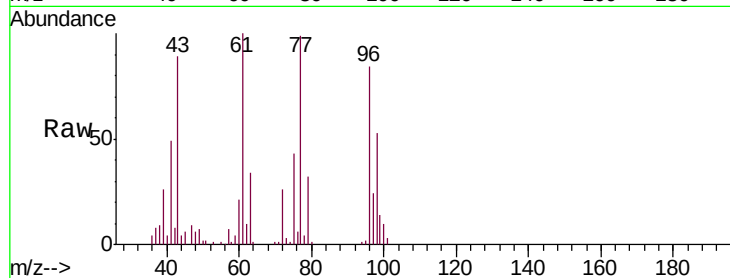
VW0529SBS01

Tgt Ion: 43 Resp: 39885

Ion Ratio Lower Upper

43 100

72 29.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 22.673 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010584.D

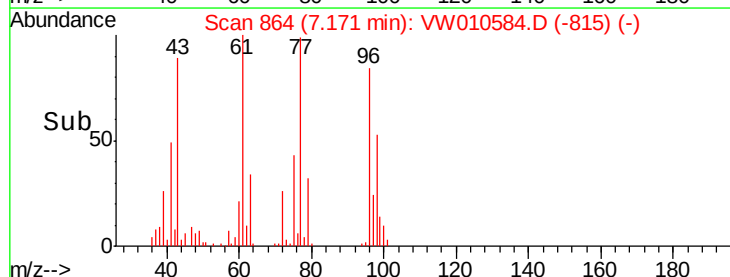
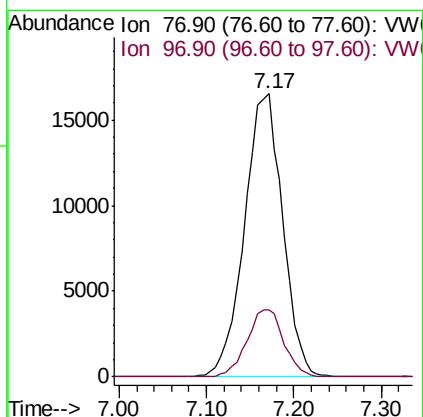
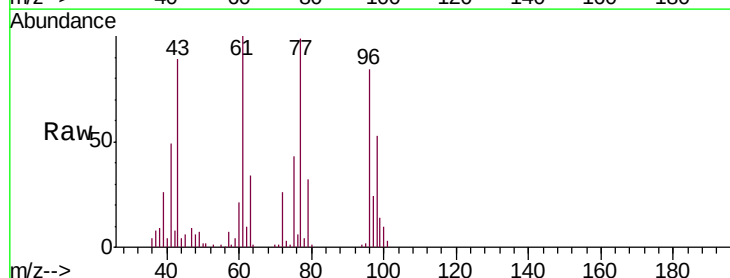
Acq: 29 May 2019 12:06

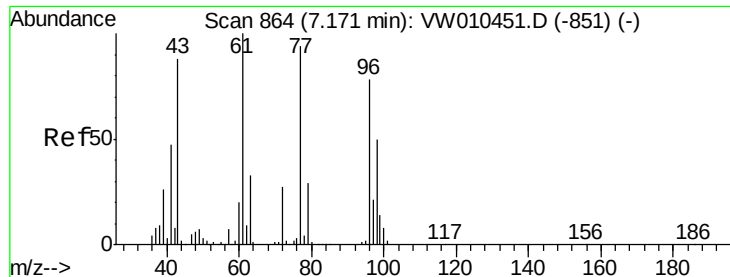
Tgt Ion: 77 Resp: 50260

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0



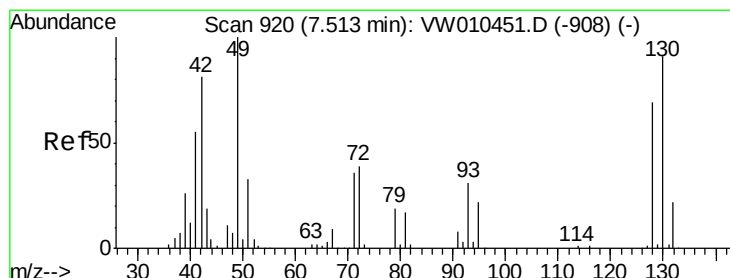
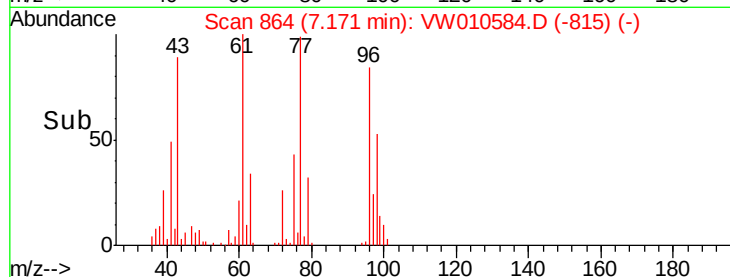
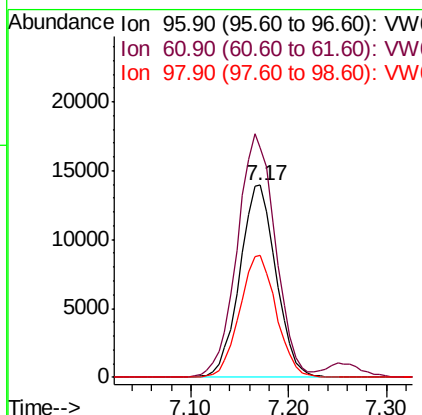
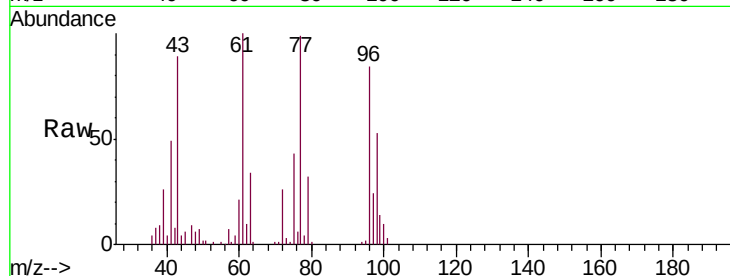


#27

cis-1,2-Dichloroethene
Concen: 21.927 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

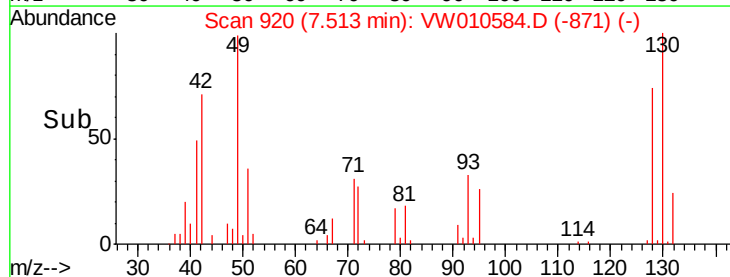
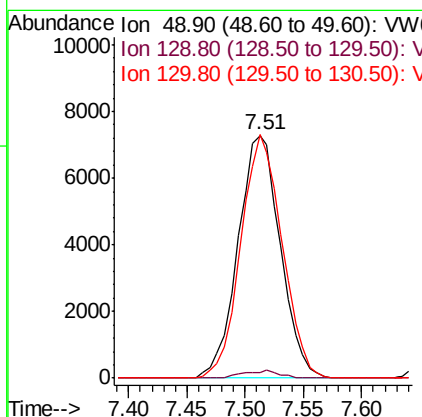
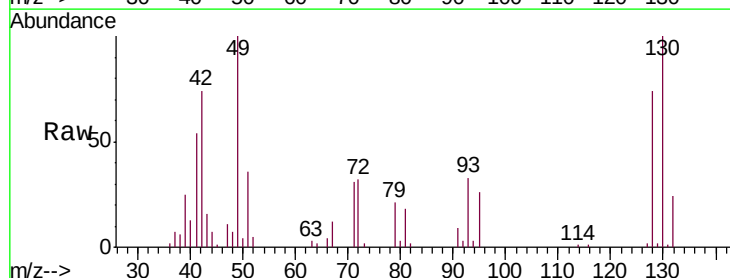
Tgt Ion: 96 Resp: 35926
Ion Ratio Lower Upper
96 100
61 133.6 0.0 265.4
98 64.0 0.0 129.4

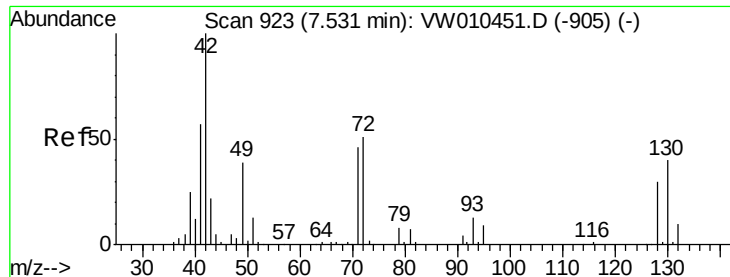


#28

Bromochloromethane
Concen: 22.027 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 49 Resp: 18353
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 97.7 71.2 106.8

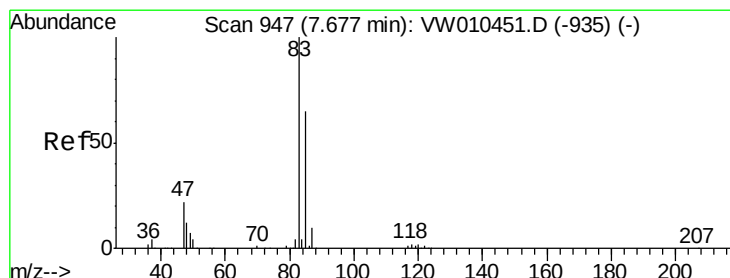
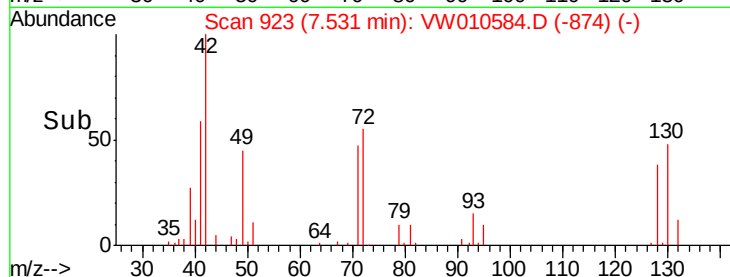
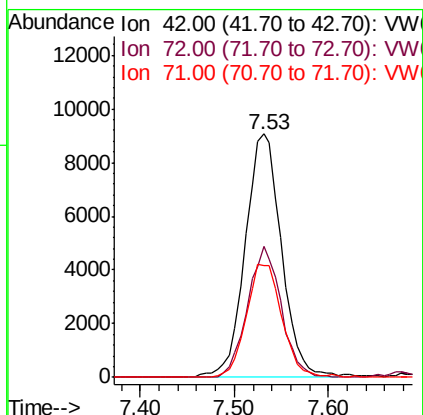
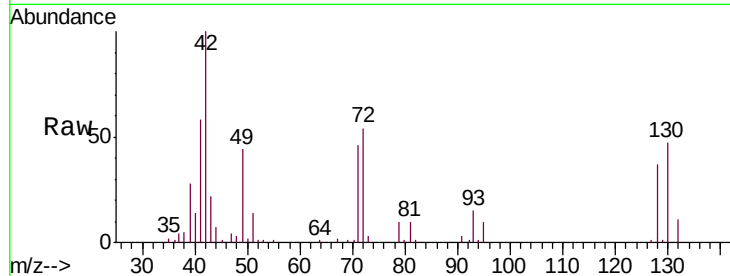




#29
Tetrahydrofuran
Concen: 95.747 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

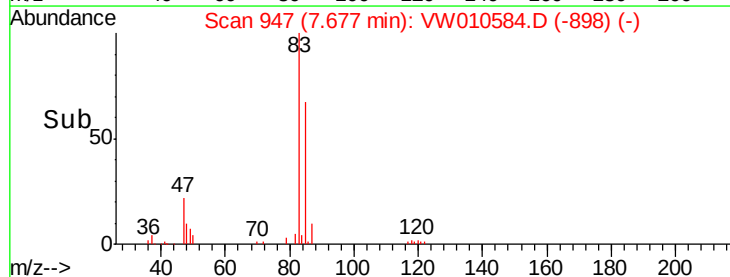
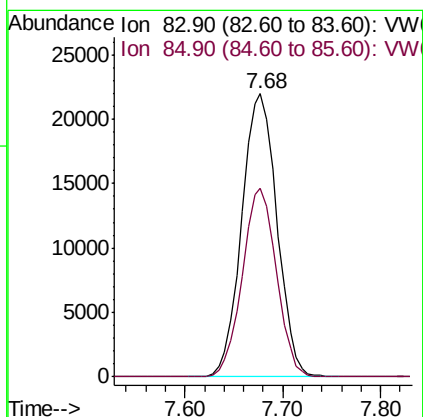
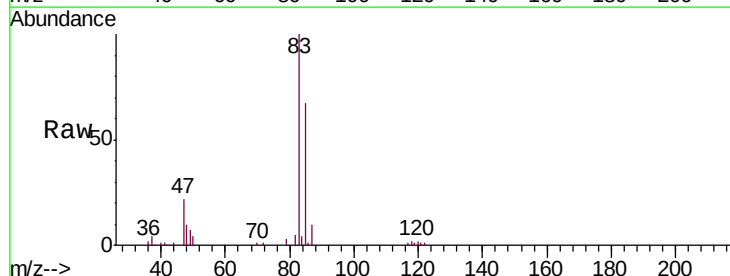
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

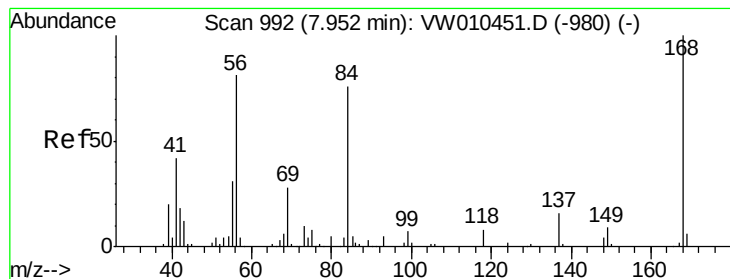
Tgt Ion: 42 Resp: 24300
Ion Ratio Lower Upper
42 100
72 49.8 38.5 57.7
71 45.9 36.5 54.7



#30
Chloroform
Concen: 21.816 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 83 Resp: 54762
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.4





#31

Cyclohexane

Concen: 19.239 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

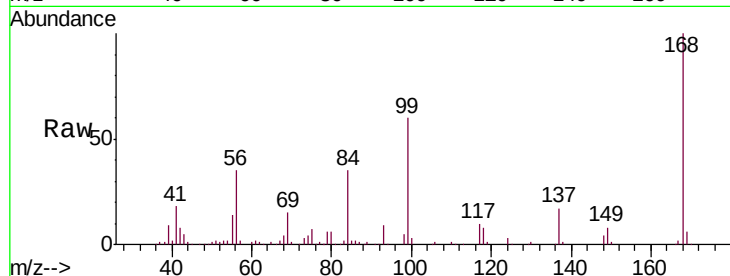
Tgt Ion: 56 Resp: 46899

Ion Ratio Lower Upper

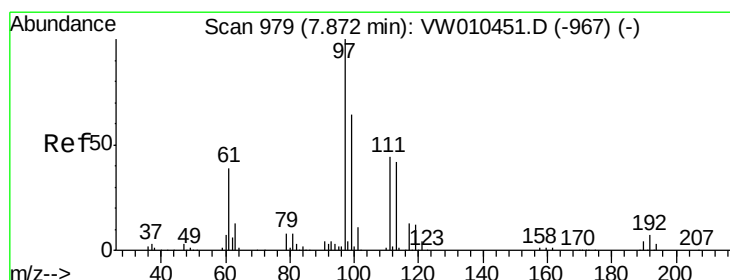
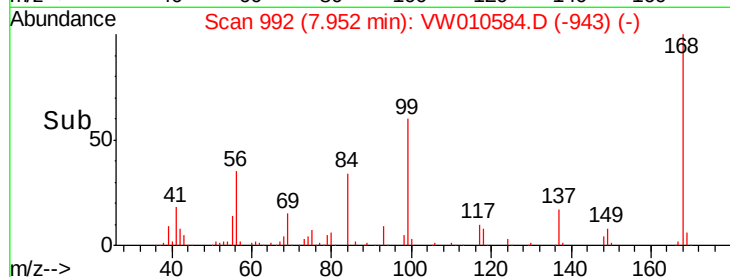
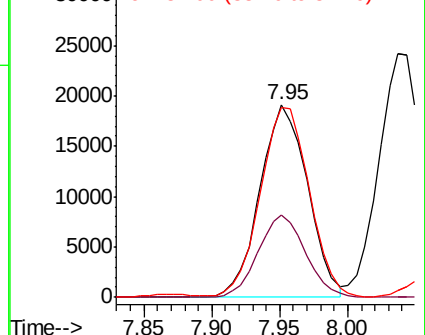
56 100

69 42.8 28.2 42.2#

84 97.6 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: 21.269 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

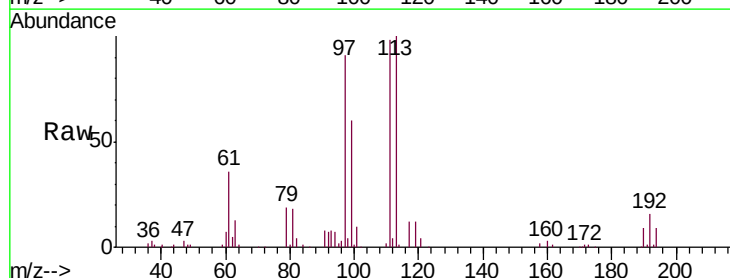
Tgt Ion: 97 Resp: 51028

Ion Ratio Lower Upper

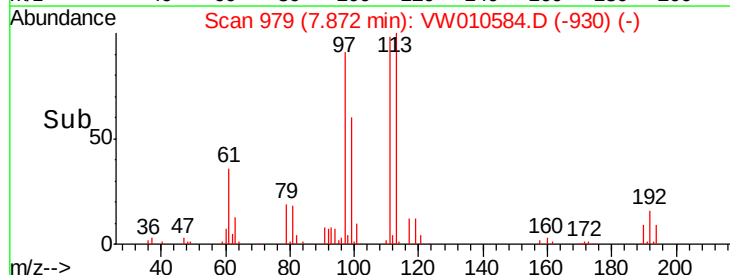
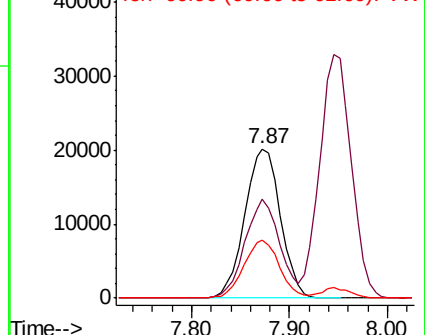
97 100

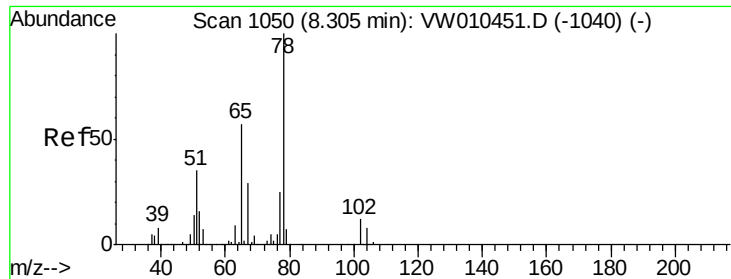
99 64.5 50.8 76.2

61 38.9 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

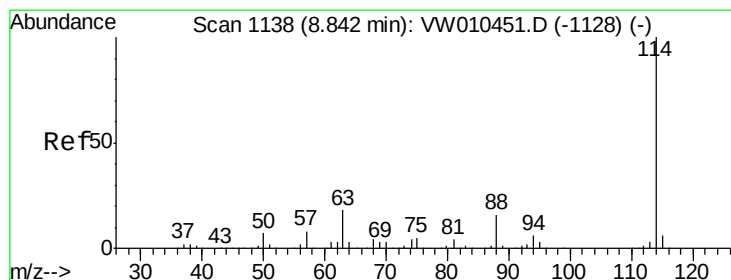
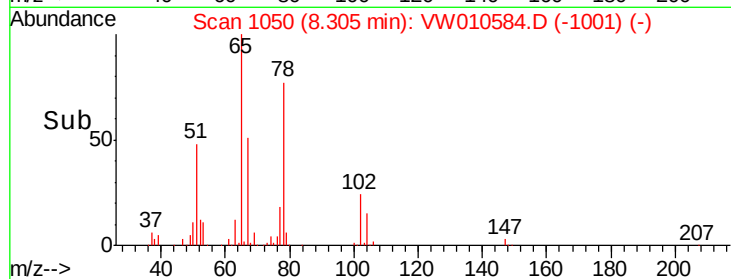
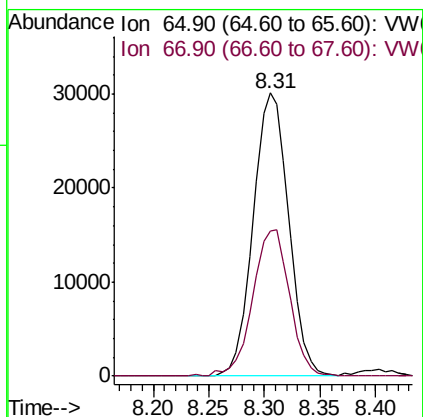
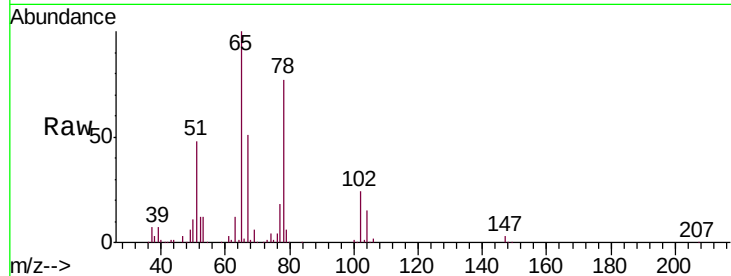




#33
 1,2-Dichloroethane-d4
 Concen: 52.154 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

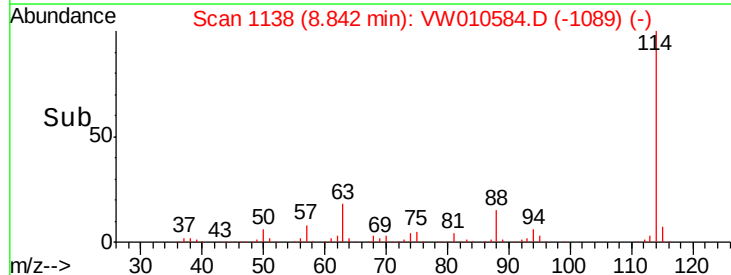
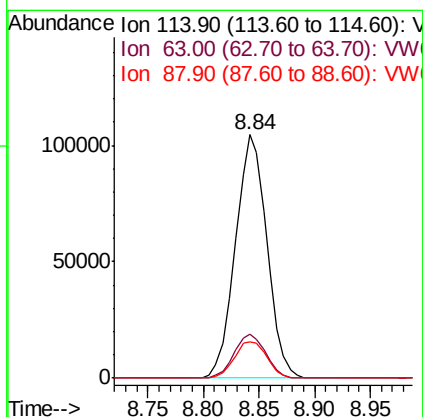
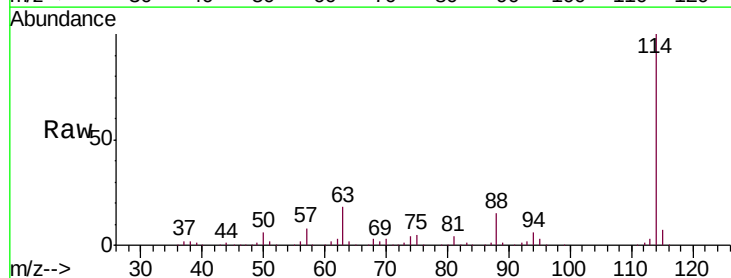
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

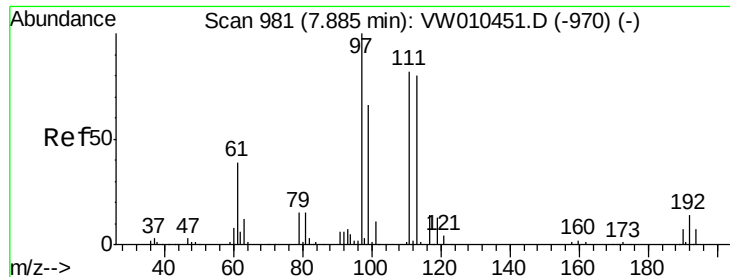
Tgt Ion: 65 Resp: 66962
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 114 Resp: 204477
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 15.0 0.0 32.0

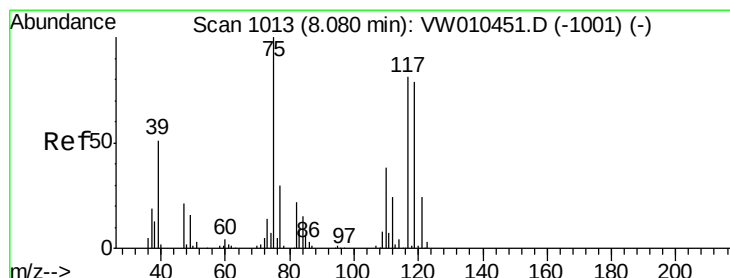
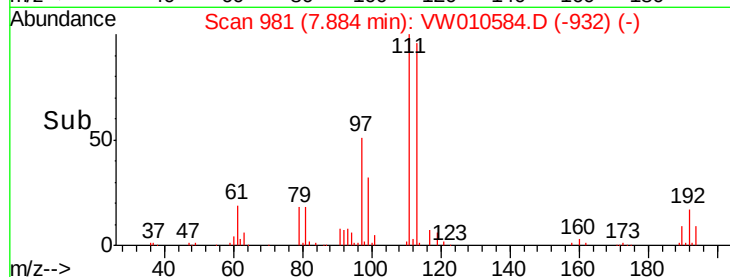
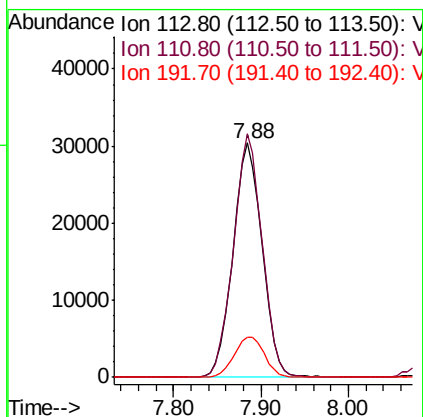
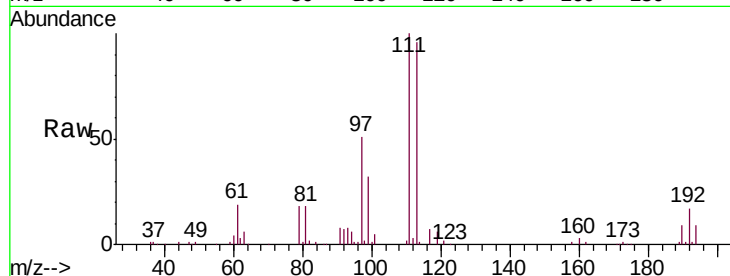




#35
 Dibromofluoromethane
 Concen: 56.830 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

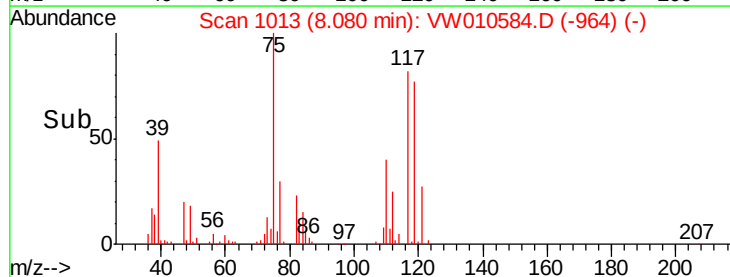
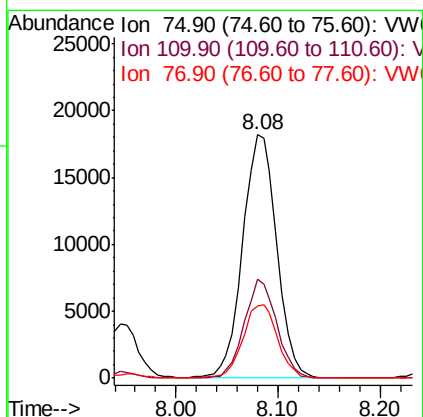
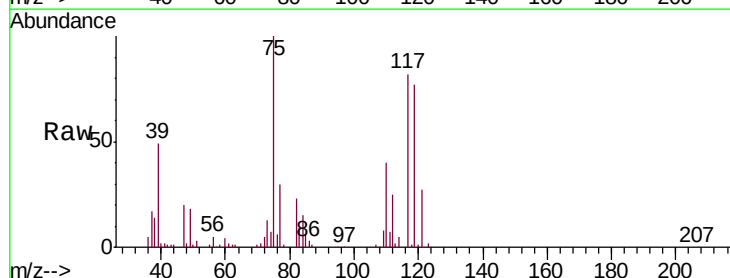
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

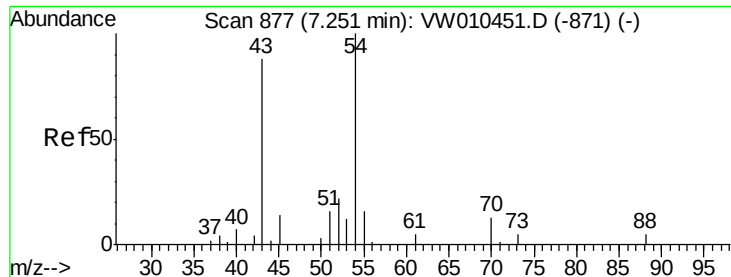
Tgt Ion: 113 Resp: 70511
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 18.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 22.244 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 75 Resp: 42370
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.2 57.6
 77 30.5 25.2 37.8





#37

Ethyl Acetate

Concen: 21.180 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

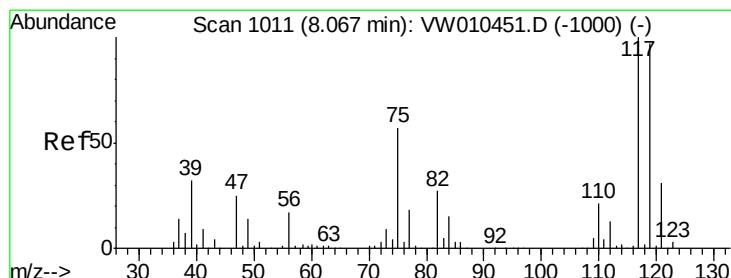
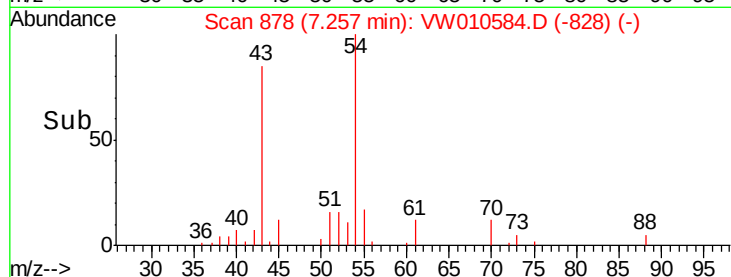
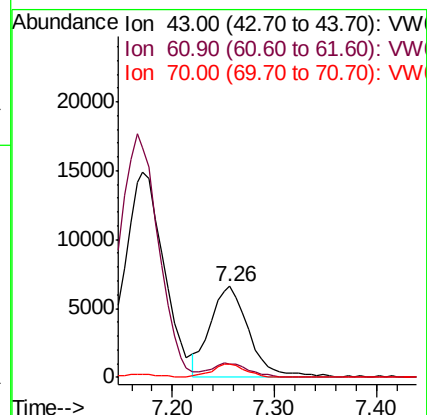
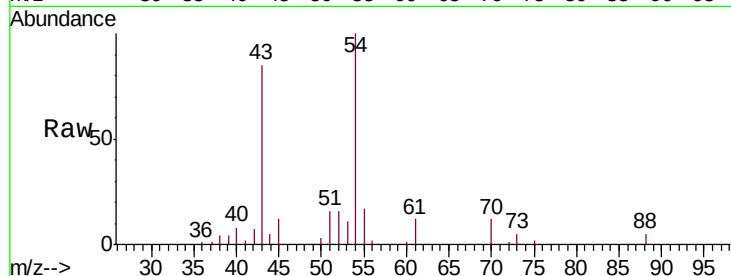
Tgt Ion: 43 Resp: 17156

Ion Ratio Lower Upper

43 100

61 15.1 11.2 16.8

70 13.0 9.9 14.9



#38

Carbon Tetrachloride

Concen: 22.614 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

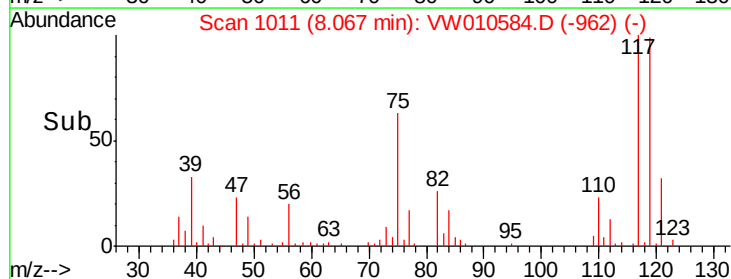
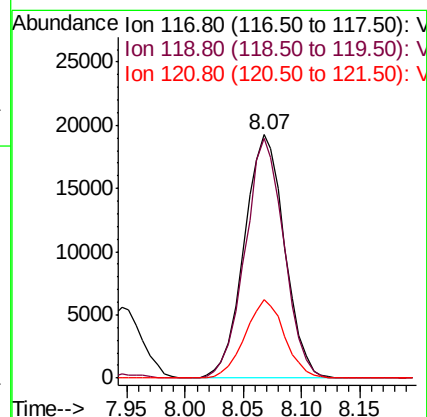
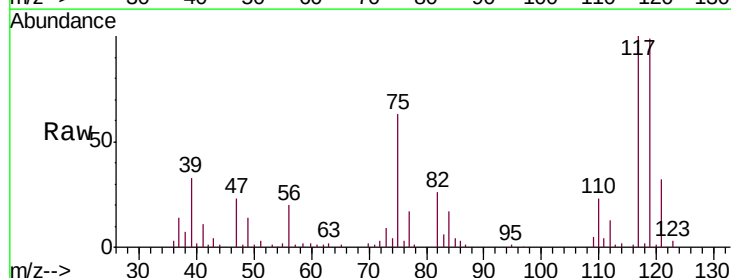
Tgt Ion: 117 Resp: 46467

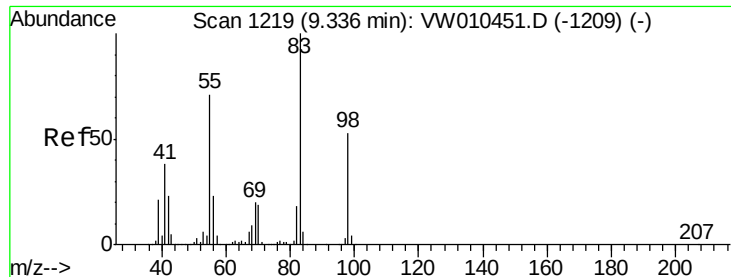
Ion Ratio Lower Upper

117 100

119 98.6 77.4 116.0

121 32.1 25.0 37.6

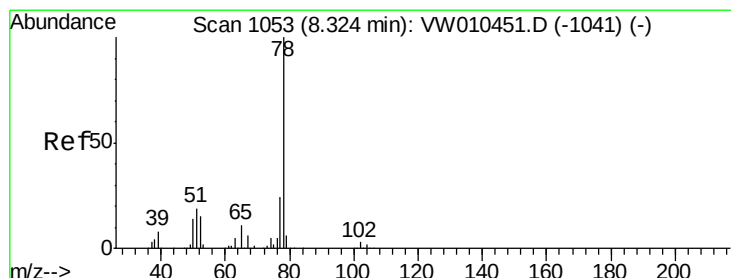
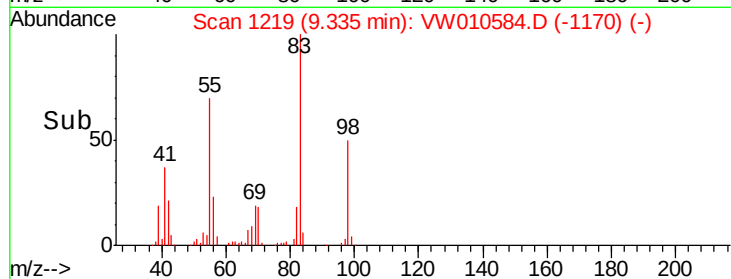
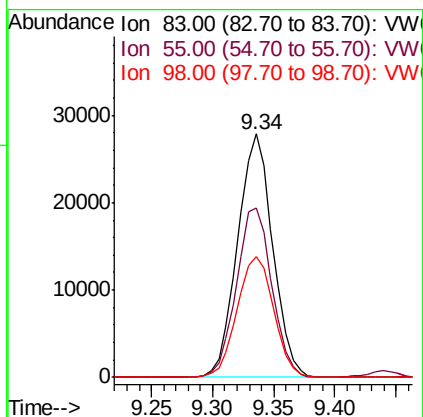
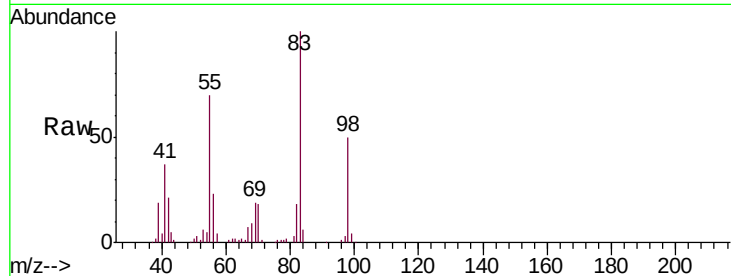




#39
Methylcyclohexane
Concen: 21.748 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

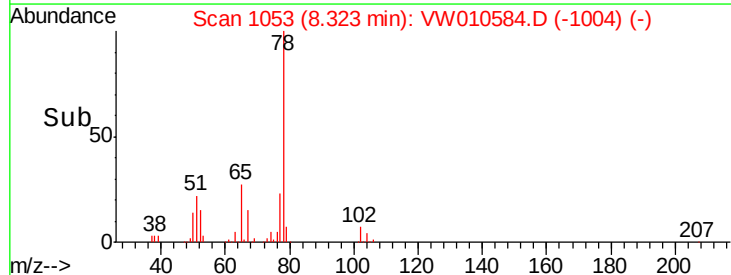
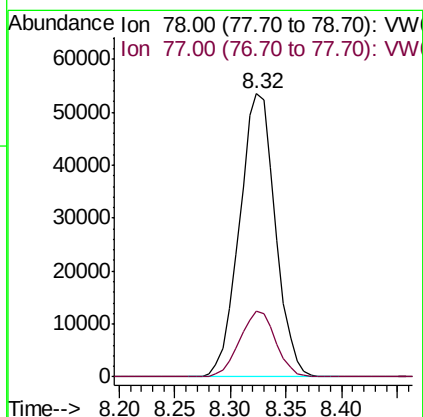
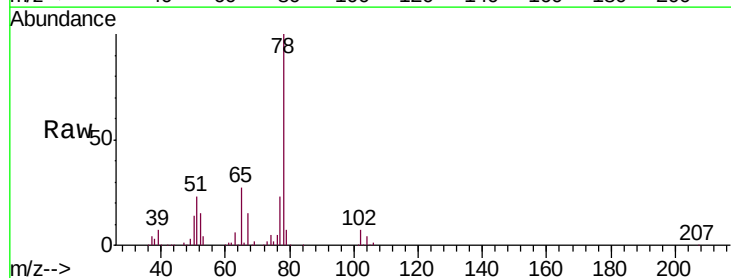
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

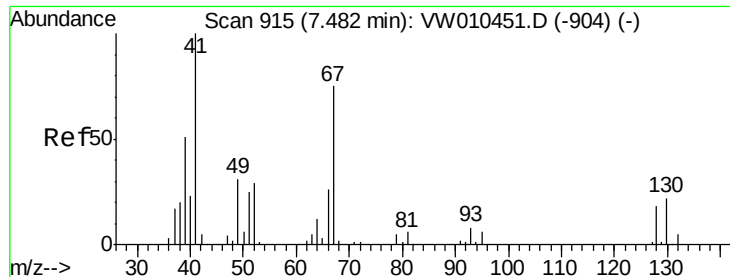
Tgt Ion: 83 Resp: 55500
Ion Ratio Lower Upper
83 100
55 69.7 57.0 85.6
98 49.7 42.0 63.0



#40
Benzene
Concen: 22.573 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 78 Resp: 119508
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

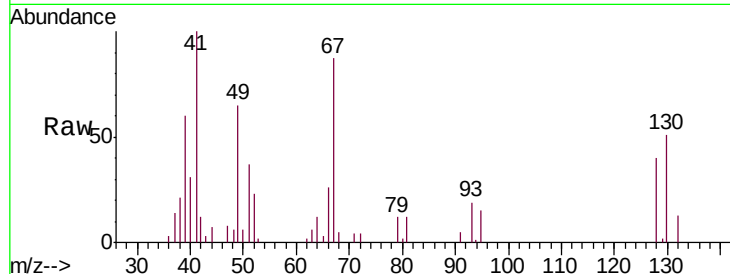




#41
Methacrylonitrile
Concen: 18.723 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

Tgt Ion:	41	Resp:	9011
Ion	Ratio	Lower	Upper
41	100		
39	62.6	47.4	71.2
67	91.1	65.5	98.3
52	33.8	25.0	37.4



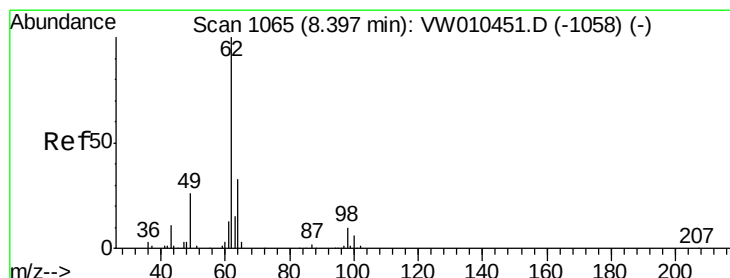
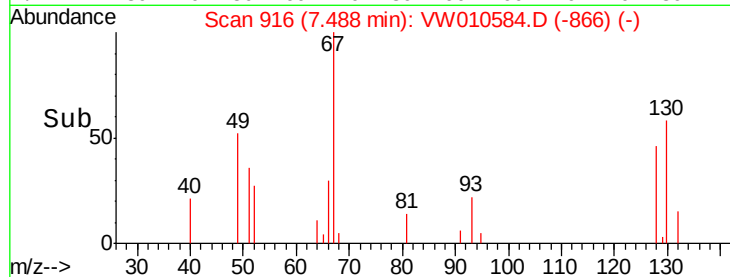
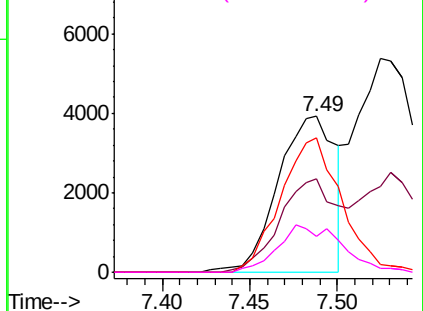
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

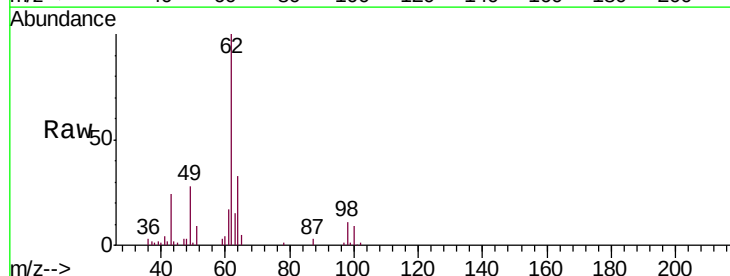
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.323 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

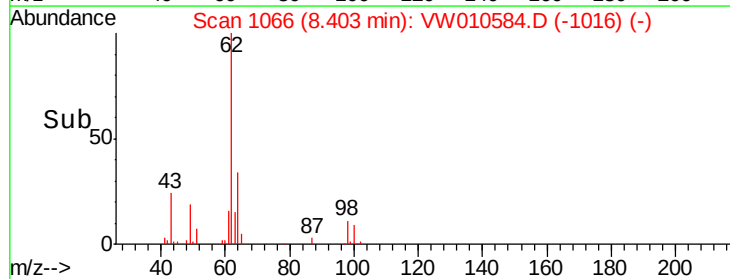
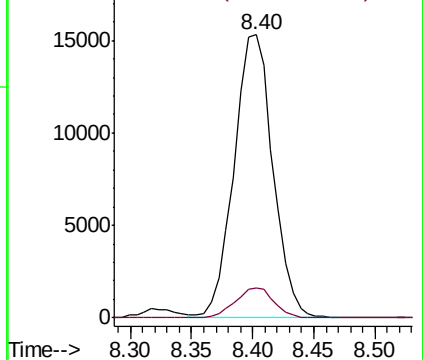
Tgt Ion:	62	Resp:	33778
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0

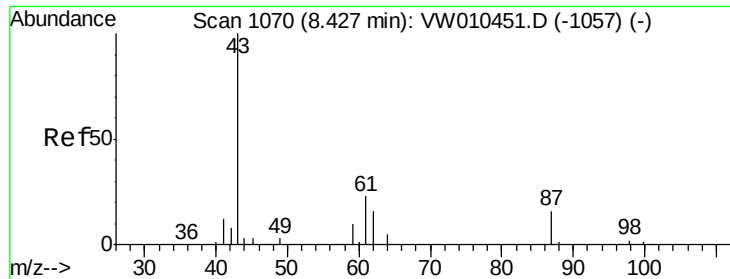


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.311 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

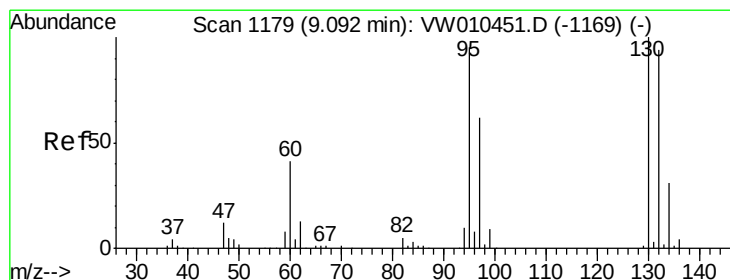
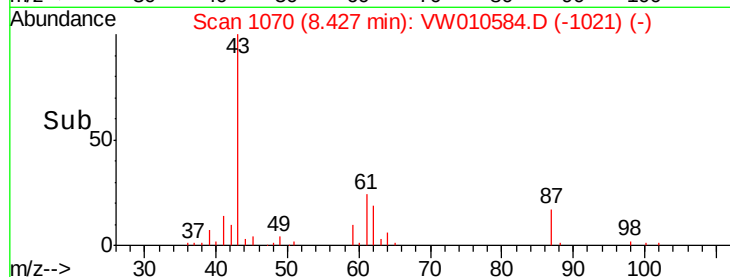
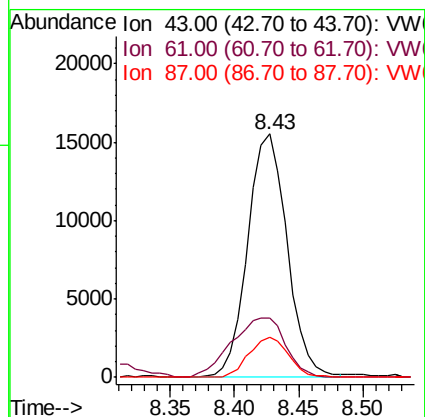
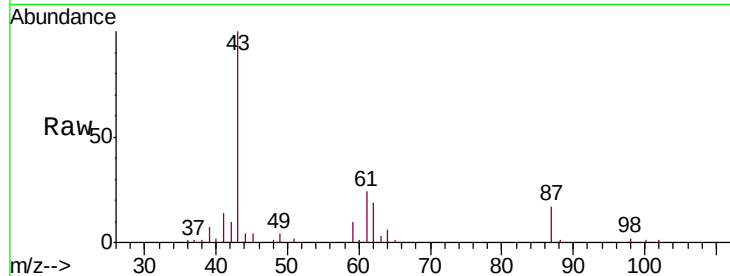
Tgt Ion: 43 Resp: 32867

Ion Ratio Lower Upper

43 100

61 33.3 25.4 38.2

87 16.7 12.7 19.1



#44

Trichloroethene

Concen: 23.274 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010584.D

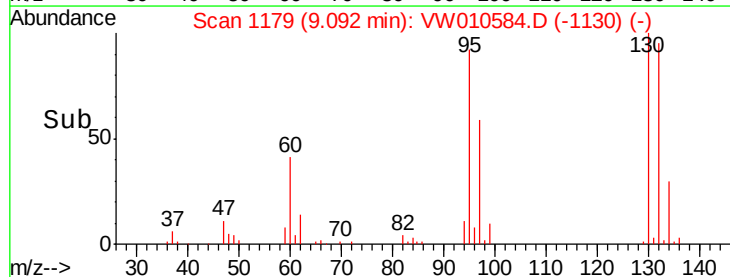
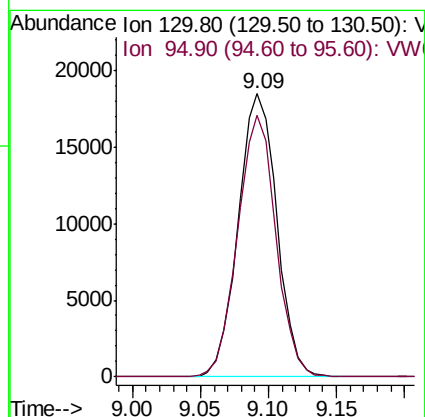
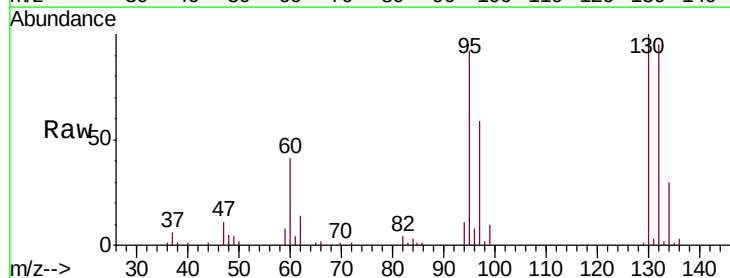
Acq: 29 May 2019 12:06

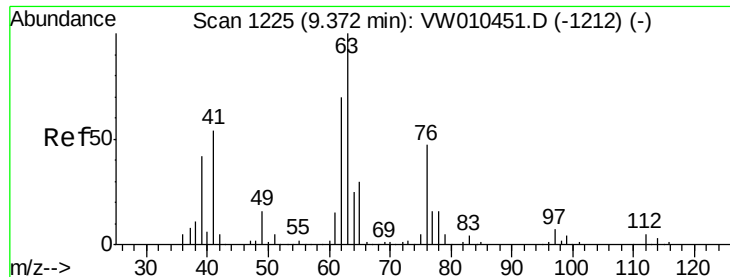
Tgt Ion: 130 Resp: 36582

Ion Ratio Lower Upper

130 100

95 92.4 0.0 189.6

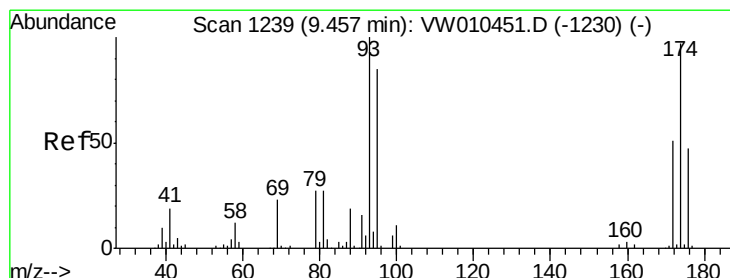
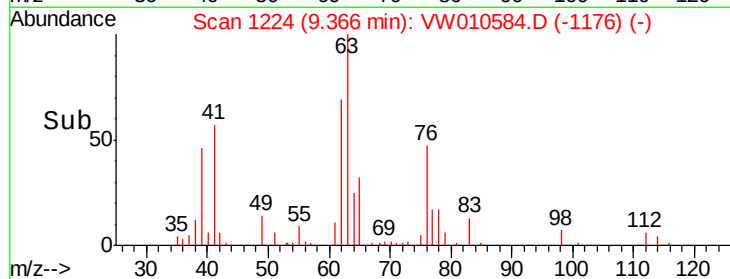
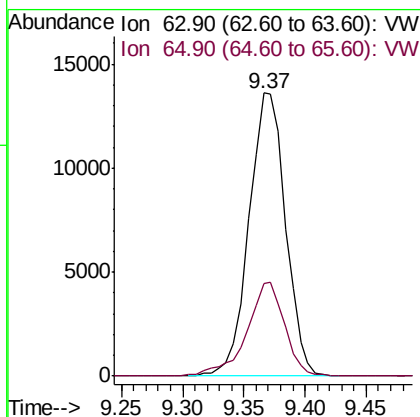
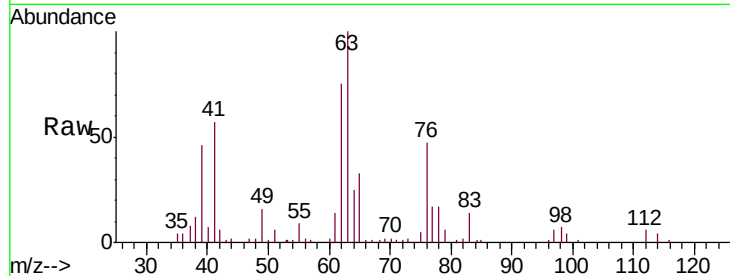




#45
 1,2-Dichloropropane
 Concen: 22.462 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

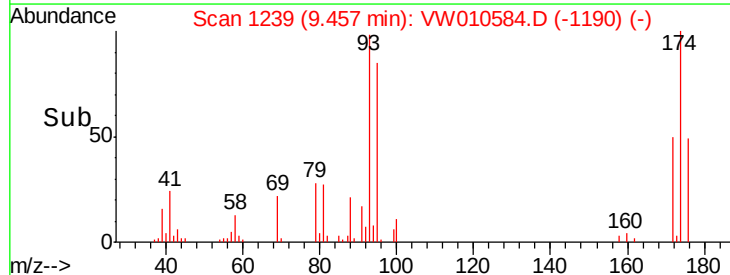
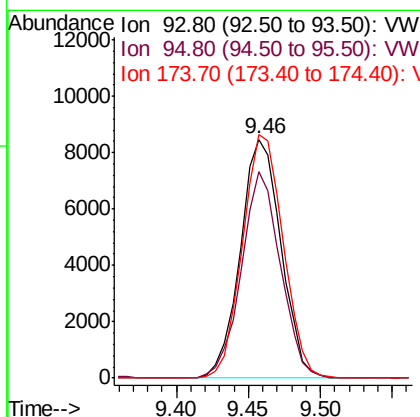
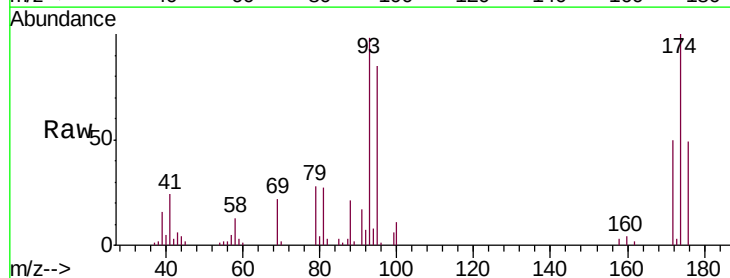
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

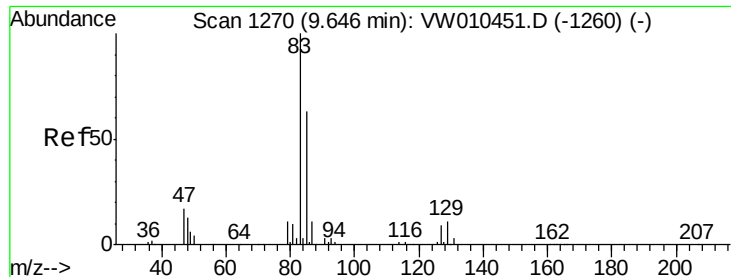
Tgt Ion: 63 Resp: 28243
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.3 36.5



#46
 Dibromomethane
 Concen: 22.459 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 93 Resp: 16515
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 102.4 77.1 115.7

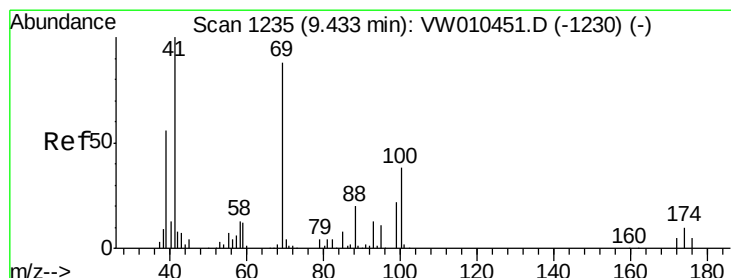
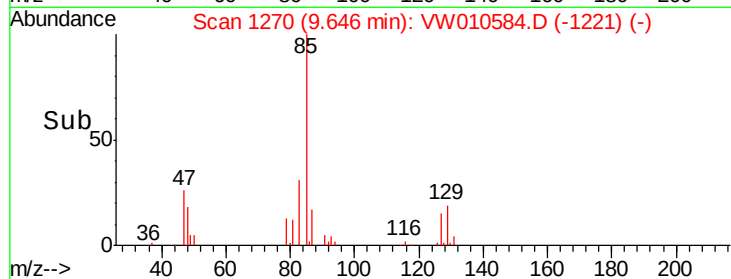
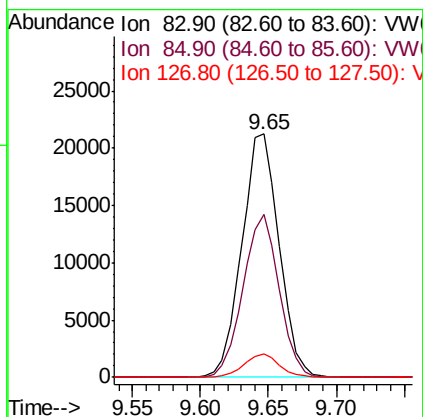
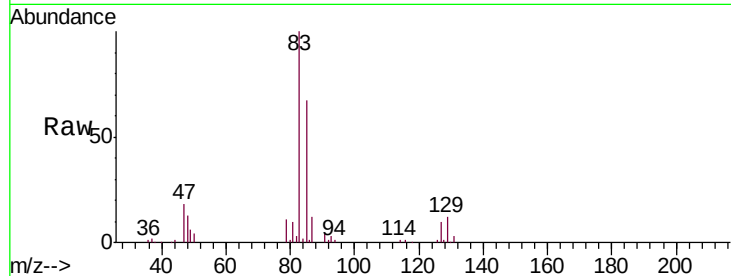




#47
 Bromodichloromethane
 Concen: 21.974 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

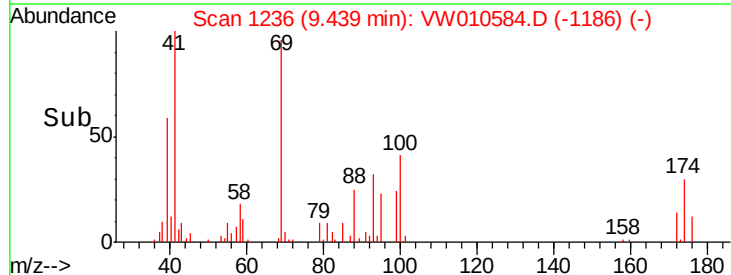
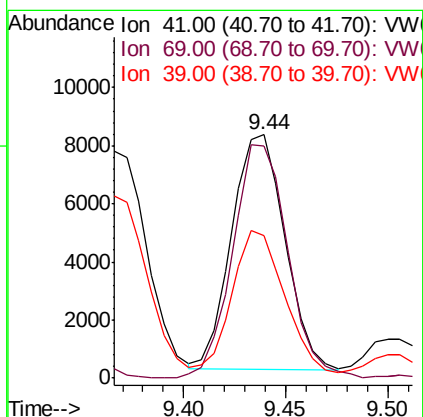
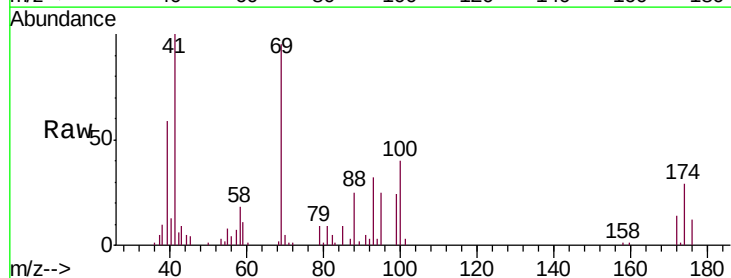
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

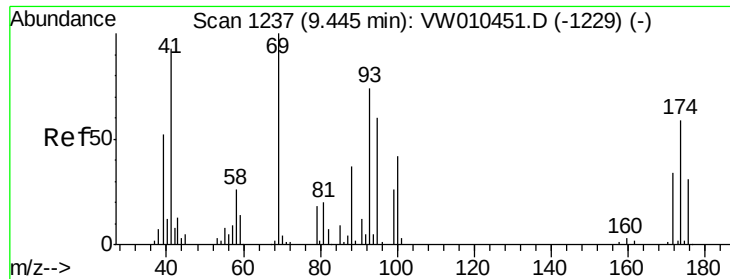
Tgt Ion: 83 Resp: 40605
 Ion Ratio Lower Upper
 83 100
 85 67.0 50.4 75.6
 127 9.8 7.4 11.0



#48
 Methyl methacrylate
 Concen: 19.797 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 41 Resp: 14656
 Ion Ratio Lower Upper
 41 100
 69 103.2 77.6 116.4
 39 64.8 49.8 74.8

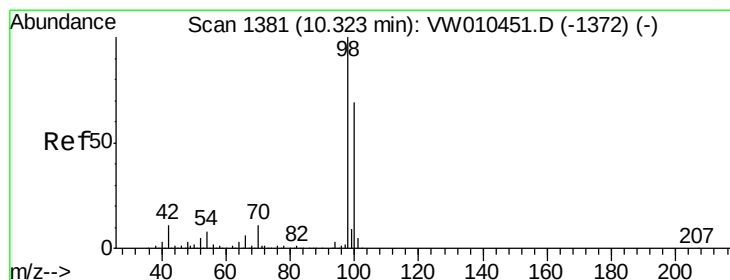
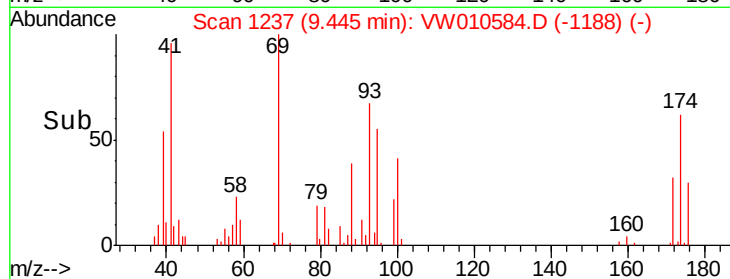
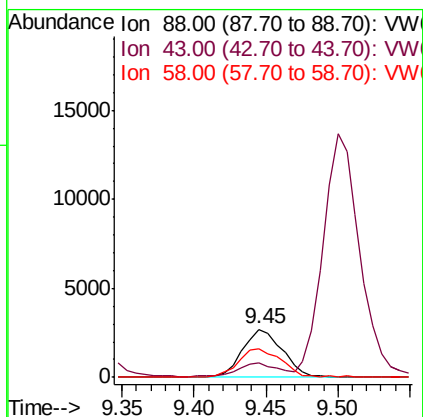
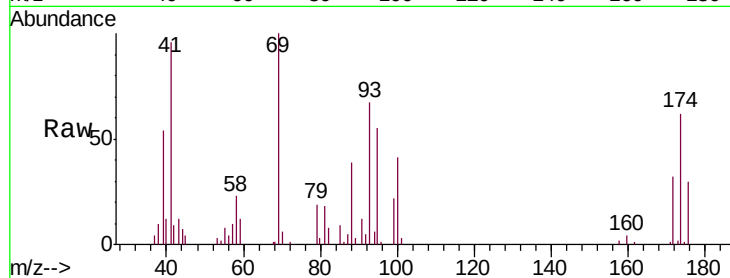




#49
 1,4-Dioxane
 Concen: 431.640 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

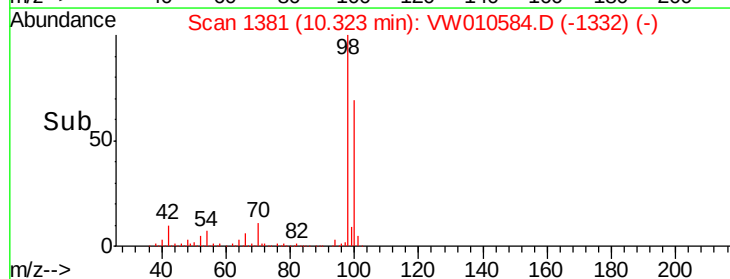
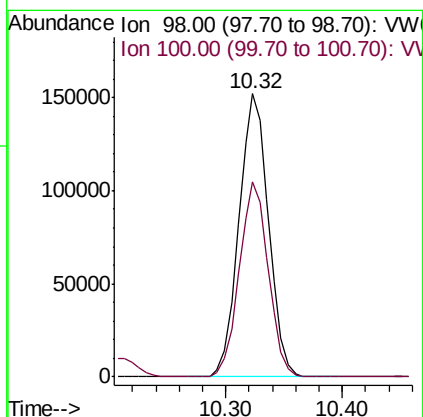
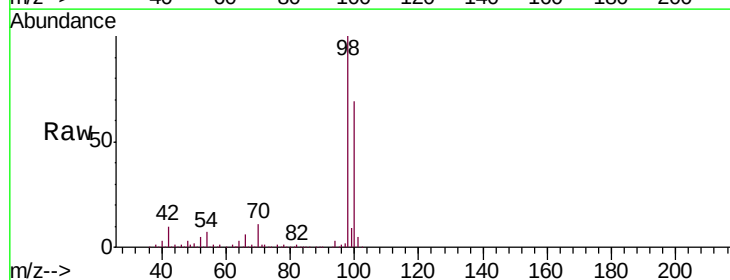
Instrument :
 MSVOA_W
 ClientSampled :
 VW0529SBSD01

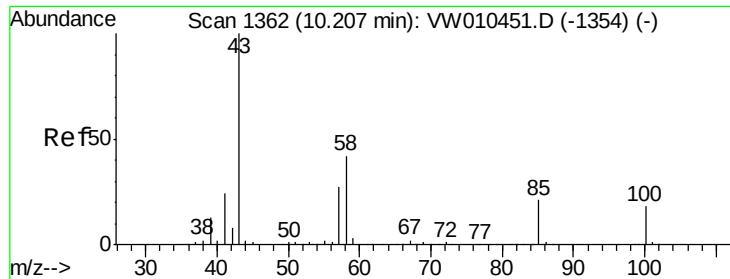
Tgt Ion: 88 Resp: 5185
 Ion Ratio Lower Upper
 88 100
 43 32.6 25.9 38.9
 58 64.8 52.7 79.1



#50
 Toluene-d8
 Concen: 56.528 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 98 Resp: 267937
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.7 80.5

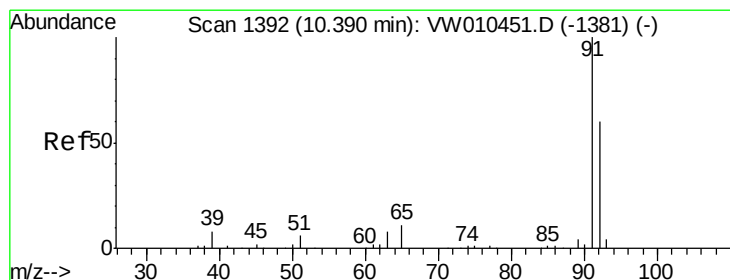
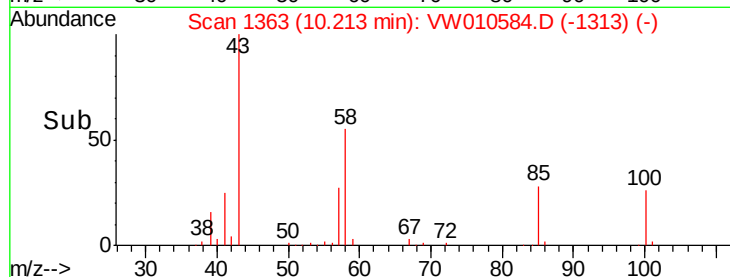
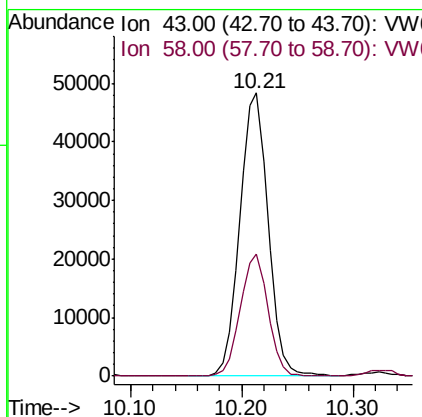
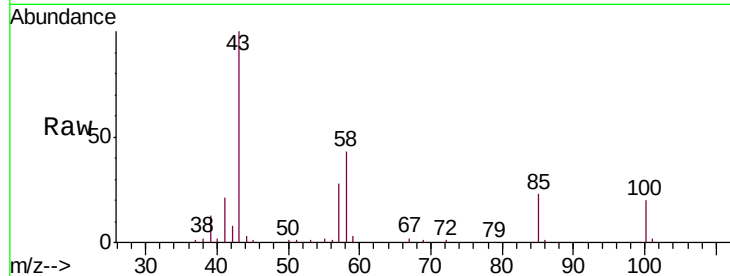




#51
4-Methyl-2-Pentanone
Concen: 104.095 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

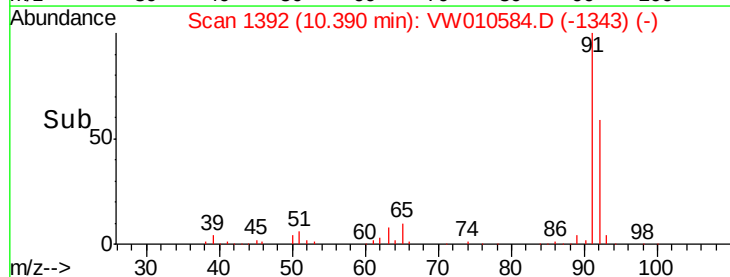
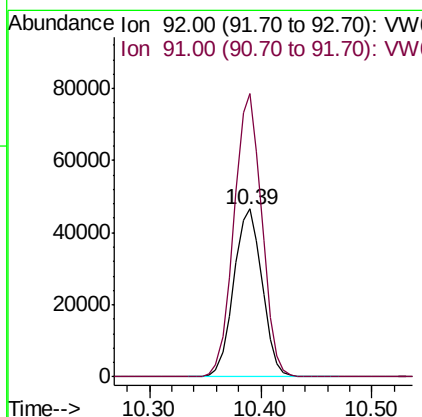
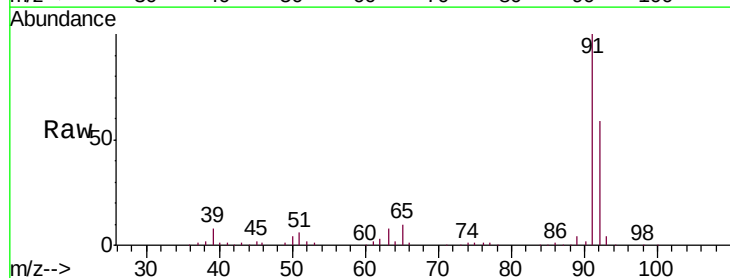
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

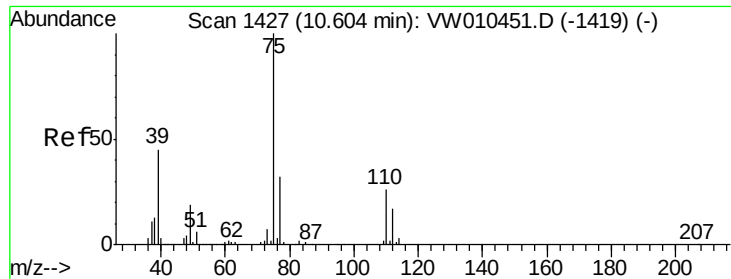
Tgt Ion: 43 Resp: 85357
Ion Ratio Lower Upper
43 100
58 42.2 33.2 49.8



#52
Toluene
Concen: 23.101 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 92 Resp: 82137
Ion Ratio Lower Upper
92 100
91 165.8 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 21.423 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

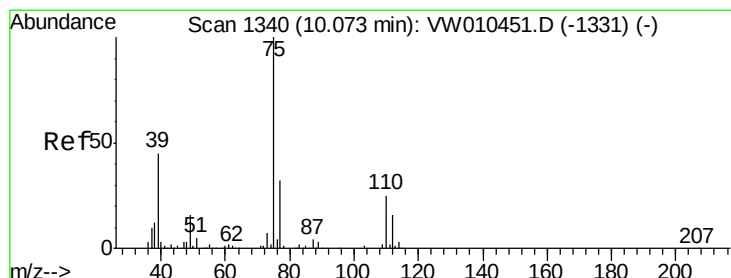
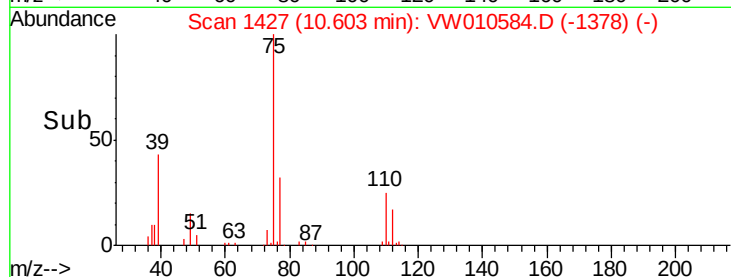
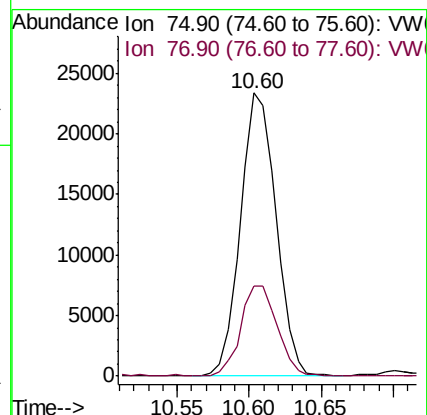
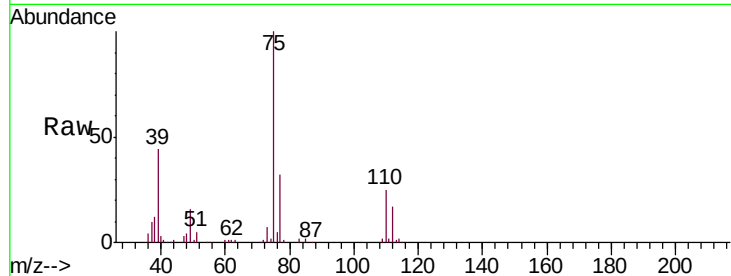
VW0529SBSD01

Tgt Ion: 75 Resp: 40094

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 22.070 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

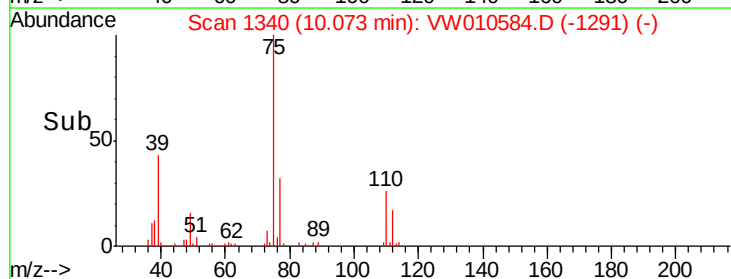
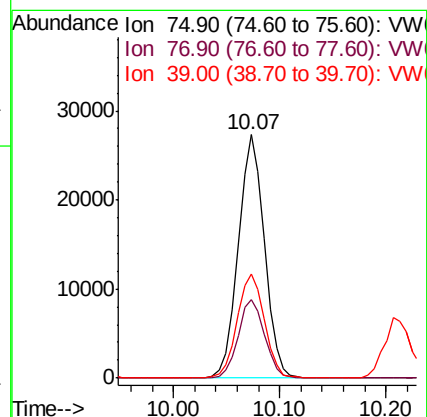
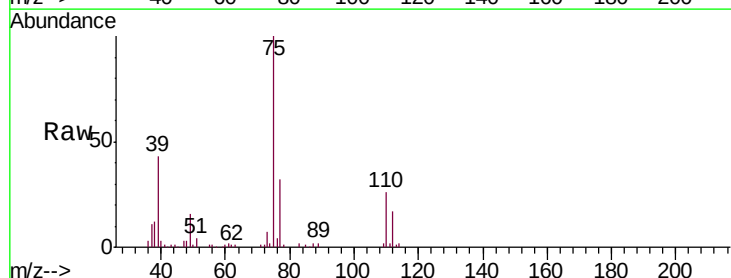
Tgt Ion: 75 Resp: 47172

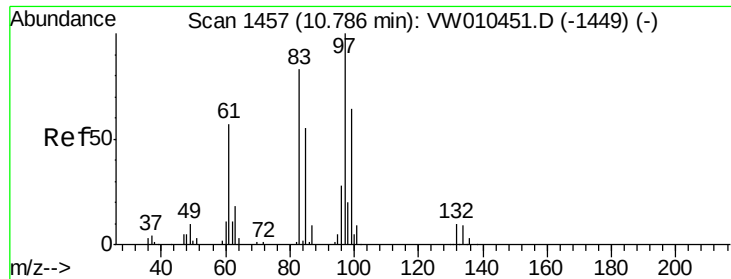
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 42.9 36.2 54.4

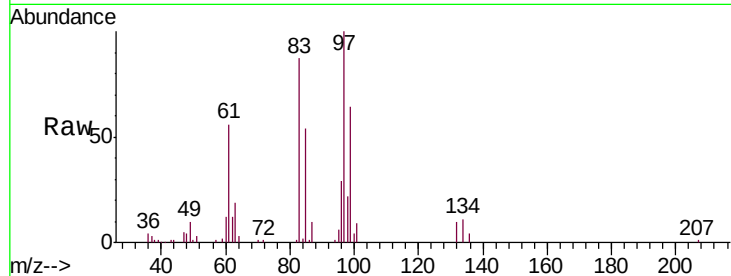




#55
 1,1,2-Trichloroethane
 Concen: 23.287 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

Tgt Ion:	97	Resp:	24624
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.1	99.1
85	53.8	44.2	66.4
99	63.8	51.1	76.7



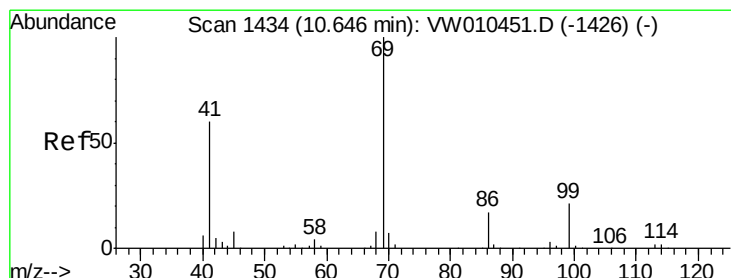
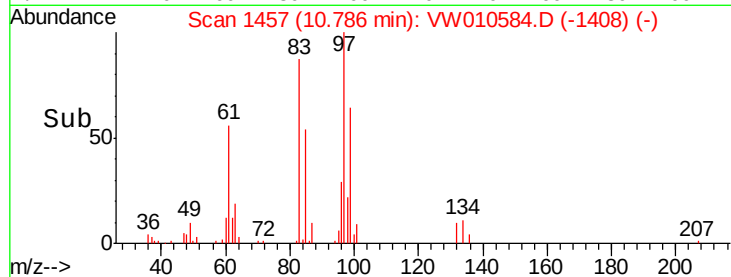
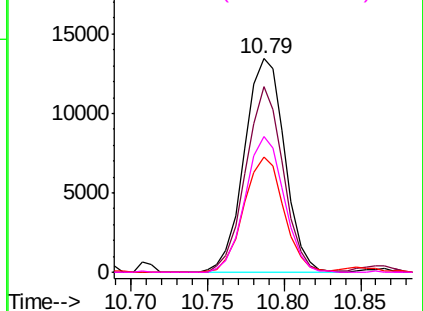
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

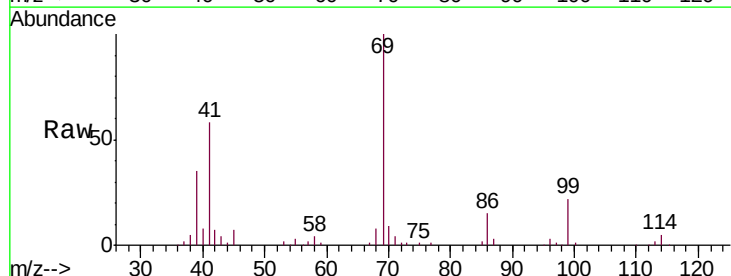
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.771 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion:	69	Resp:	30292
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.7	71.5
39	31.8	25.3	37.9

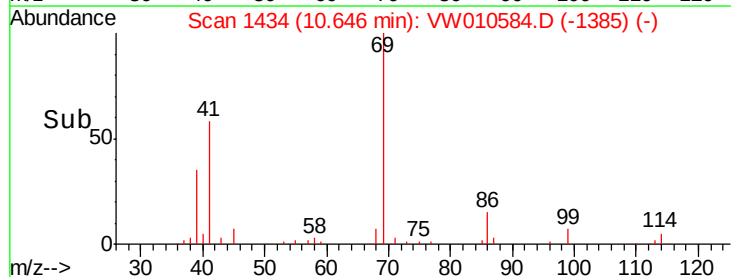
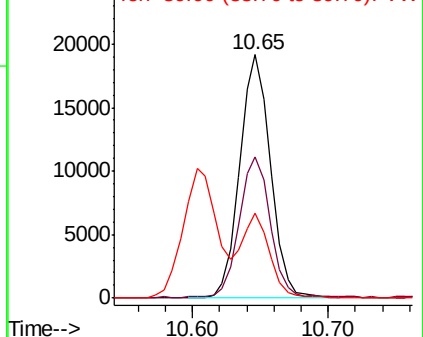


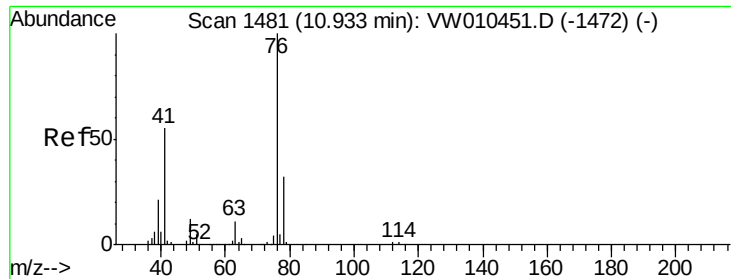
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

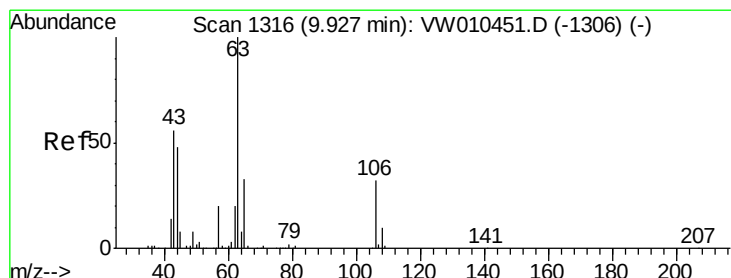
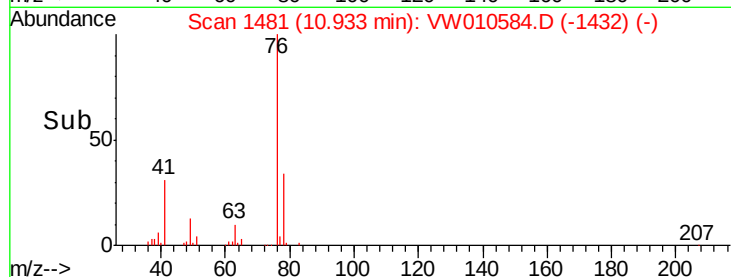
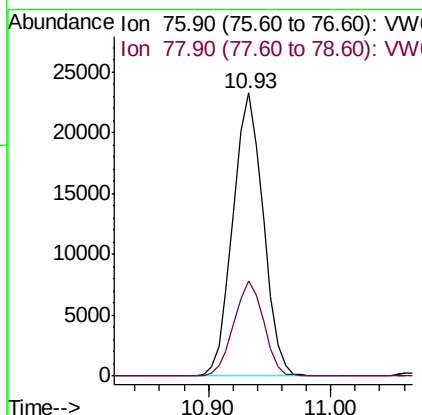
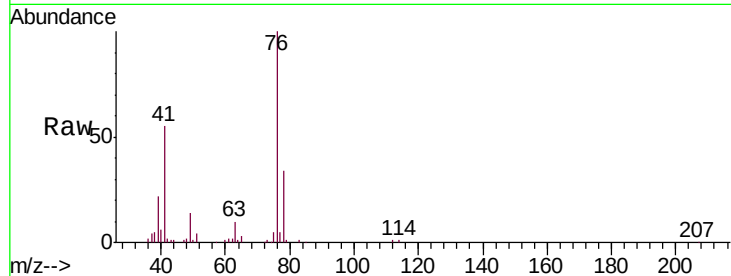




#57
 1,3-Dichloropropane
 Concen: 22.579 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

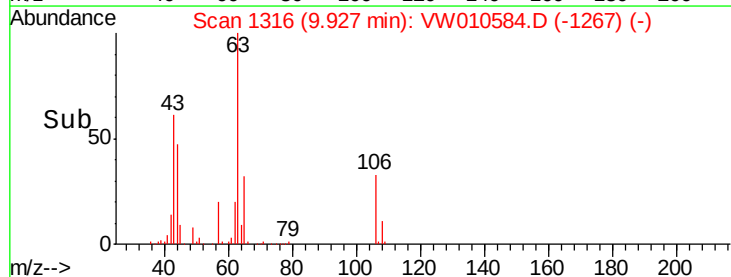
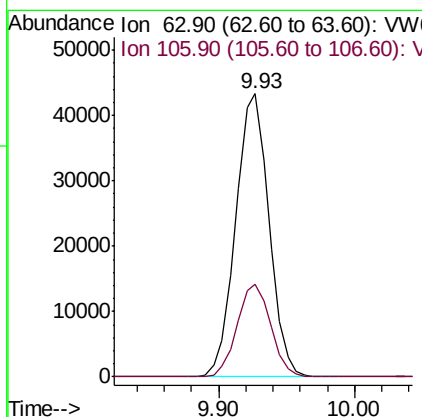
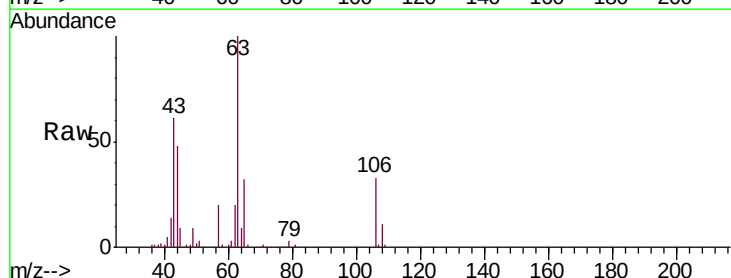
Instrument :
 MSVOA_W
 ClientSampled :
 VW0529SBSD01

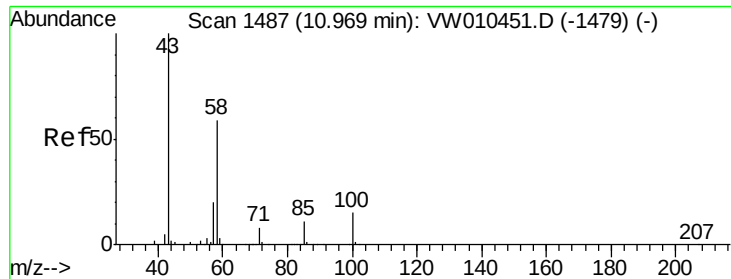
Tgt Ion: 76 Resp: 39993
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.414 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 63 Resp: 73907
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.8 38.6

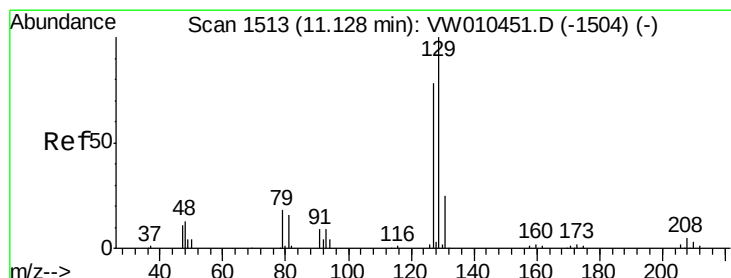
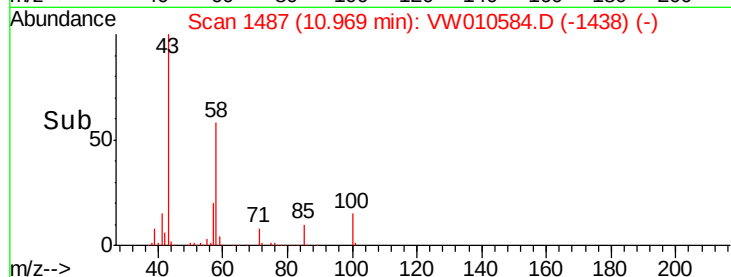
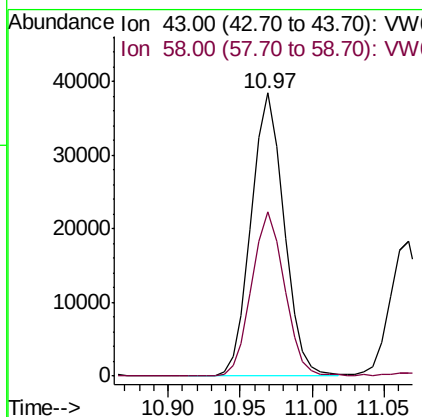
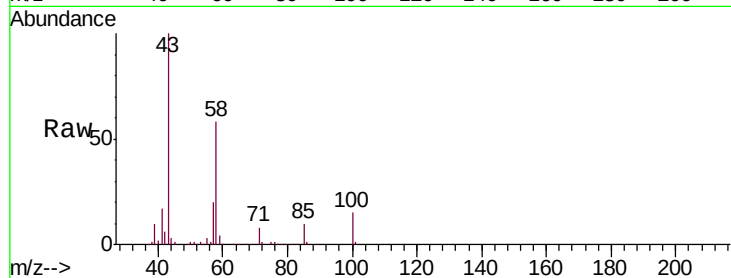




#59
2-Hexanone
Concen: 104.229 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

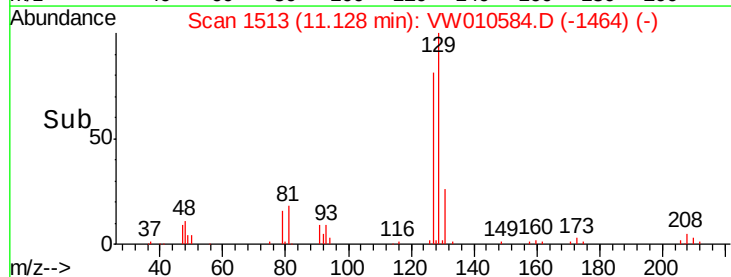
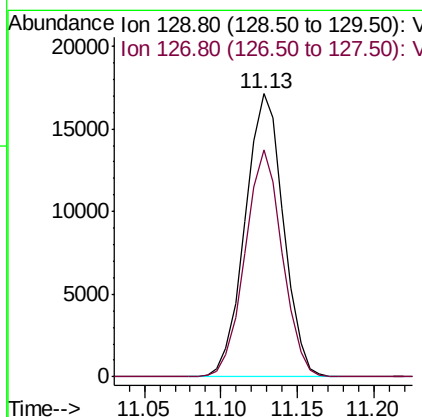
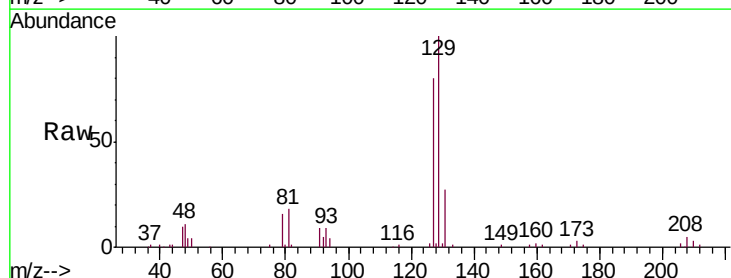
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

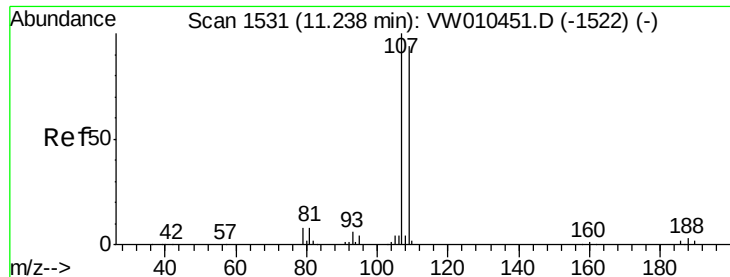
Tgt Ion: 43 Resp: 60968
Ion Ratio Lower Upper
43 100
58 57.9 28.9 86.8



#60
Dibromochloromethane
Concen: 22.297 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 129 Resp: 29840
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

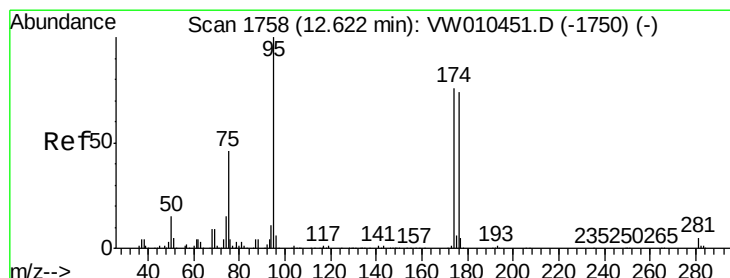
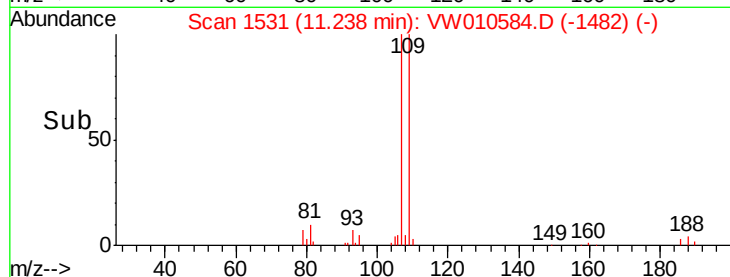
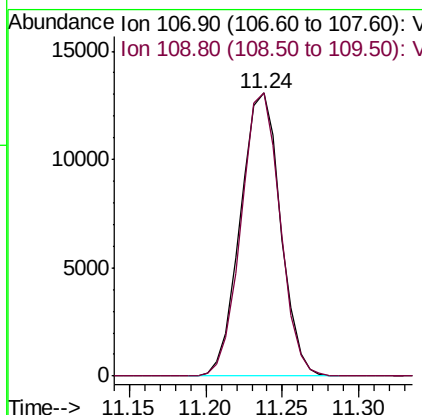
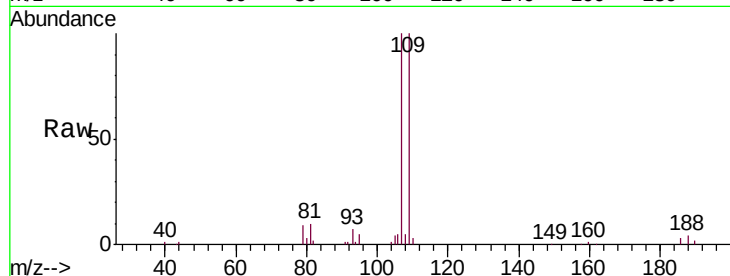




#61
 1,2-Dibromoethane
 Concen: 22.221 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

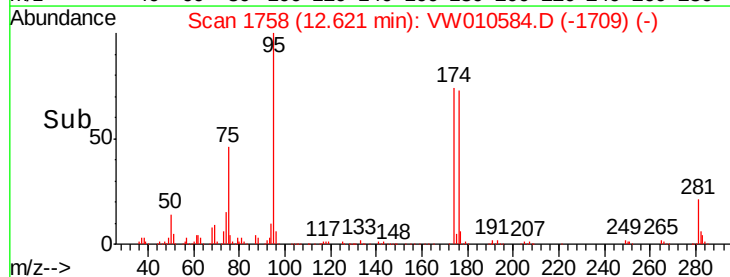
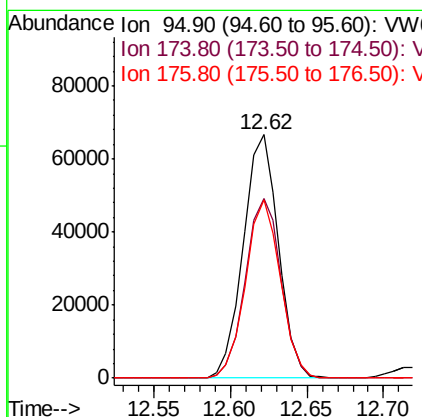
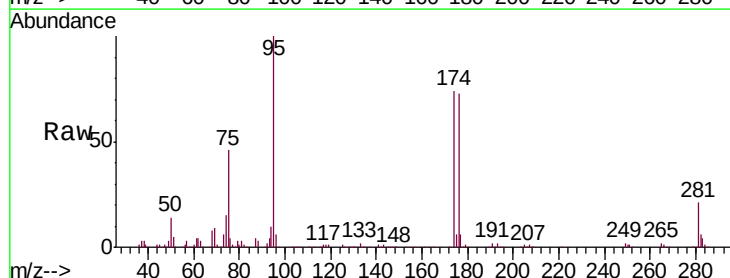
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

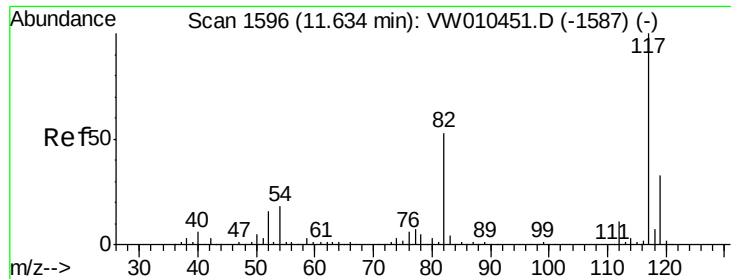
Tgt Ion: 107 Resp: 23802
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 56.177 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 95 Resp: 106060
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 148.6
 176 73.1 0.0 144.2

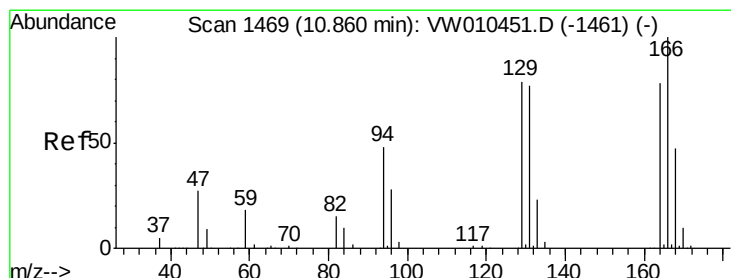
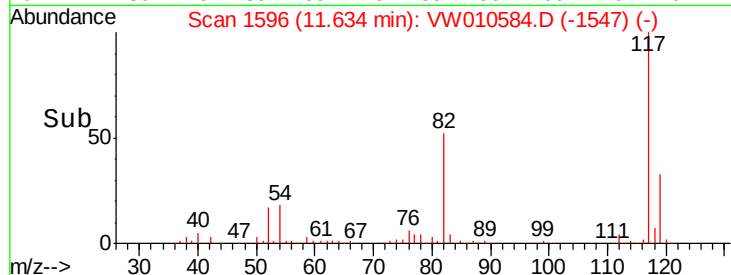
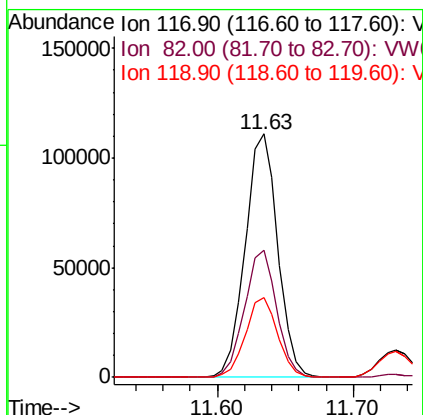
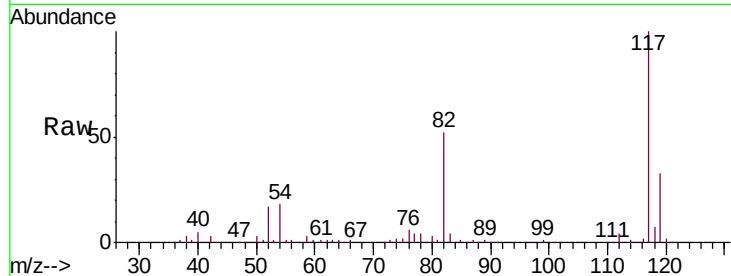




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

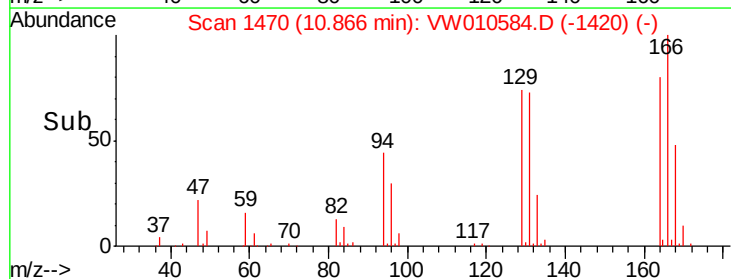
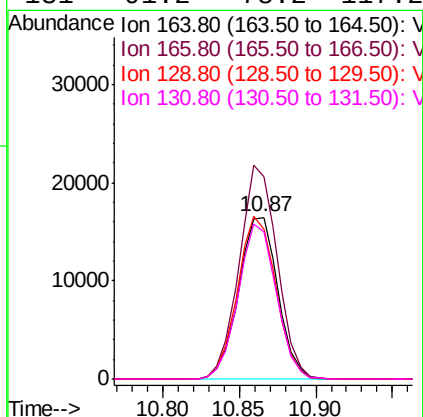
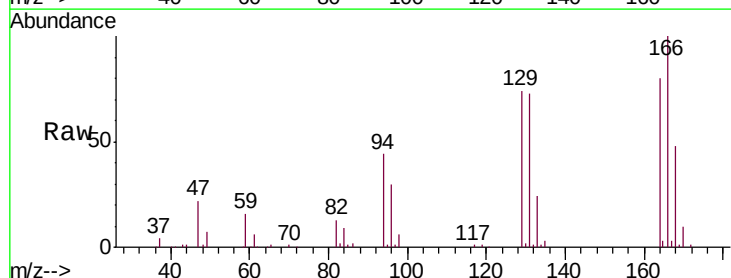
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

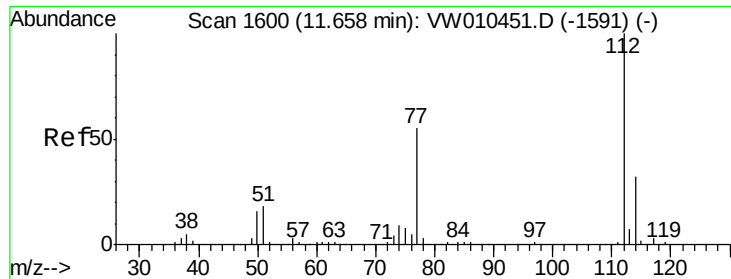
Tgt Ion:117 Resp: 185706
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 22.625 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion:164 Resp: 29289
Ion Ratio Lower Upper
164 100
166 125.1 101.9 152.9
129 92.4 80.6 121.0
131 91.2 78.2 117.2

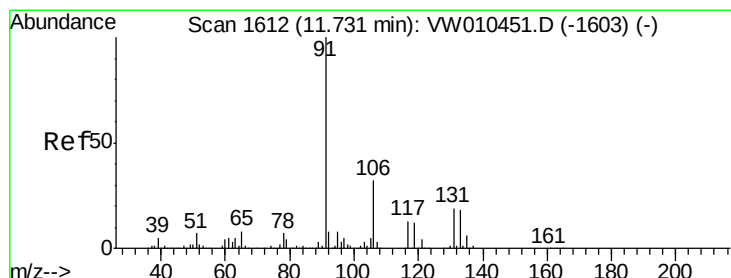
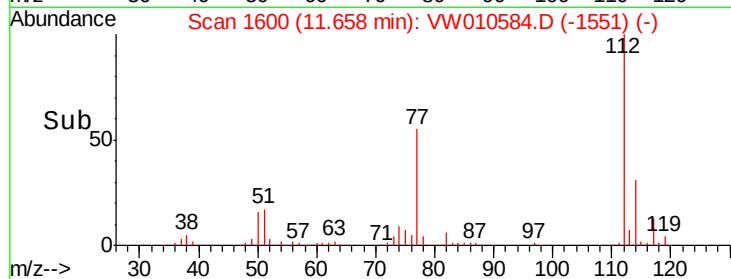
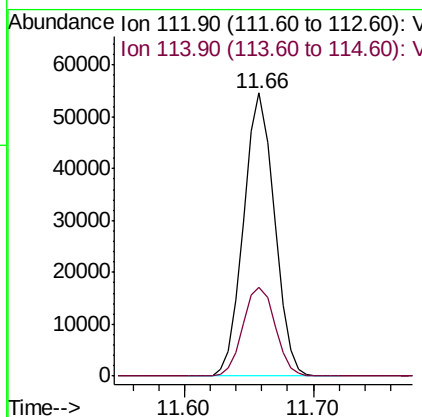
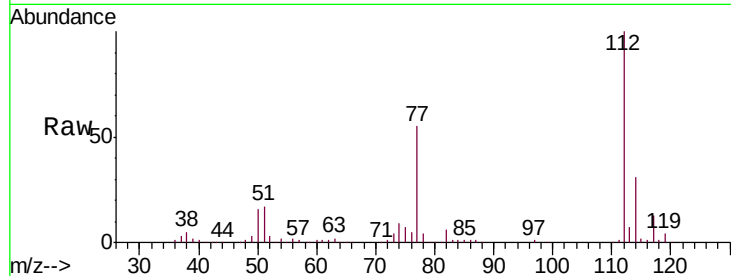




#65
Chlorobenzene
Concen: 22.833 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

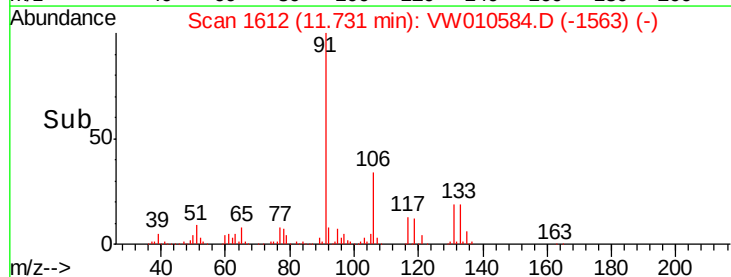
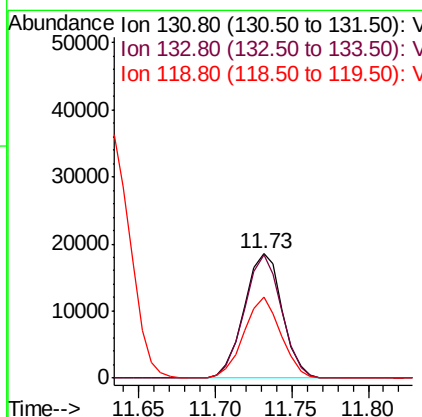
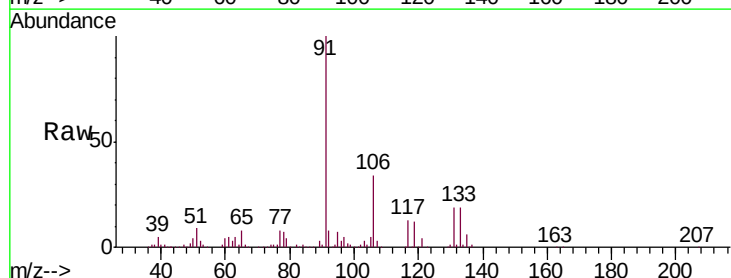
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

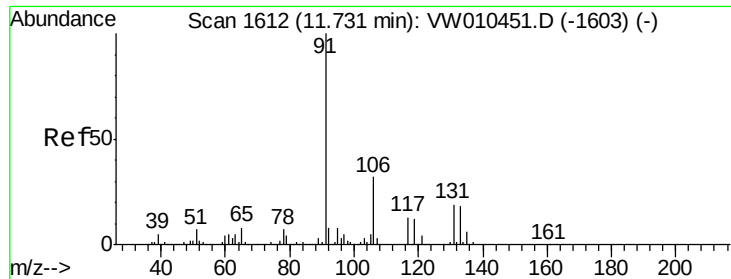
Tgt Ion:112 Resp: 90370
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.735 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion:131 Resp: 32234
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 63.0 32.1 96.5

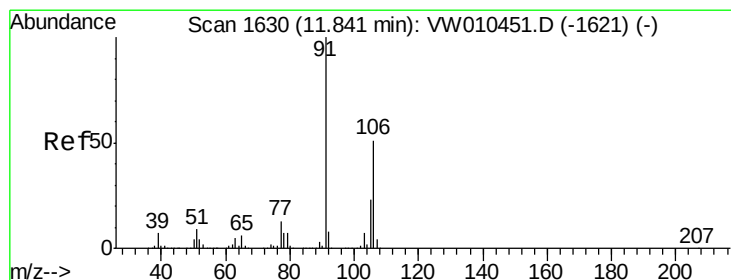
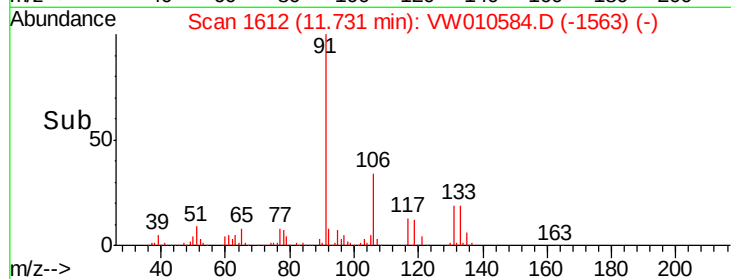
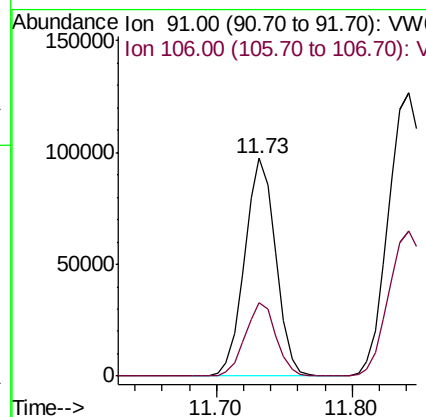
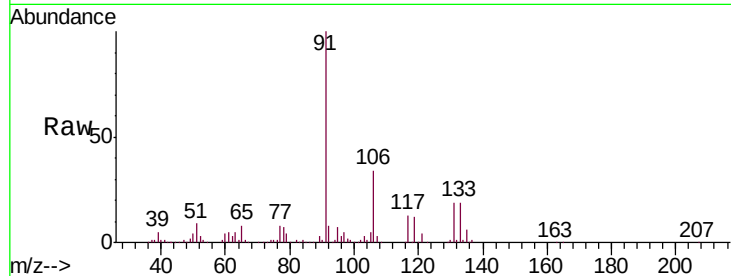




#67
Ethyl Benzene
Concen: 22.255 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

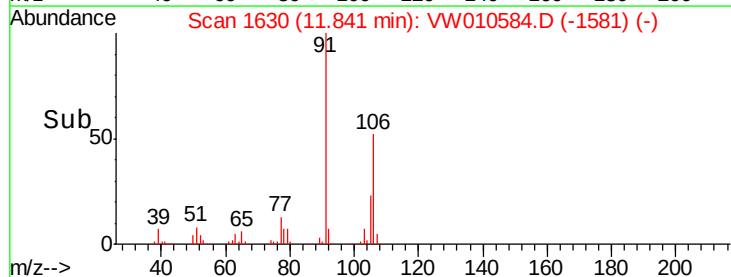
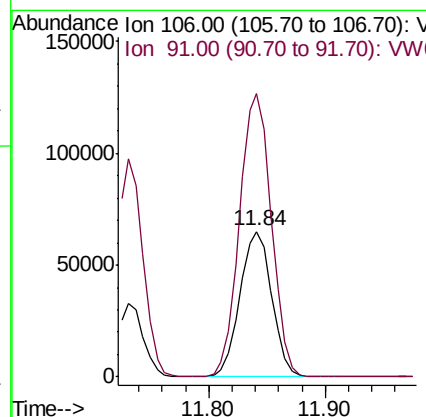
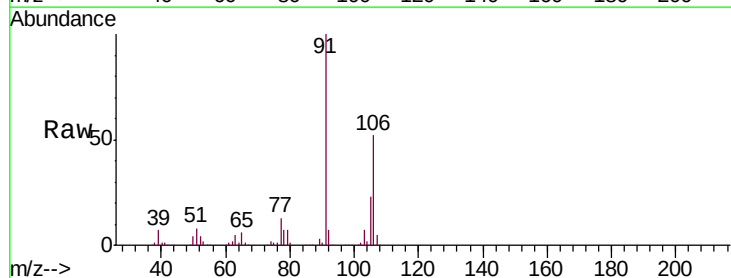
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

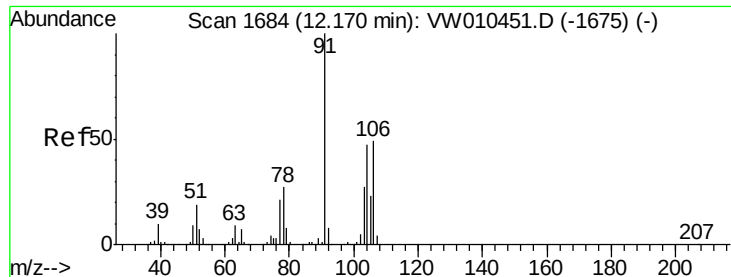
Tgt Ion: 91 Resp: 155509
Ion Ratio Lower Upper
91 100
106 34.0 25.9 38.9



#68
m/p-Xylenes
Concen: 45.271 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 106 Resp: 124080
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0

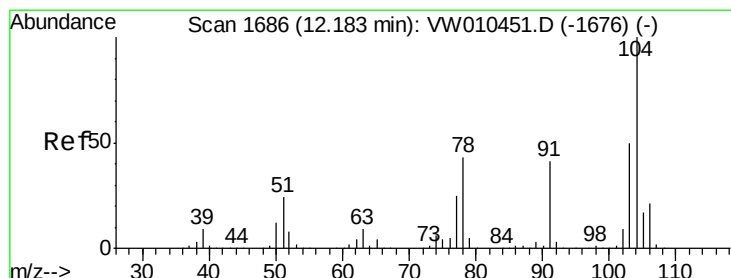
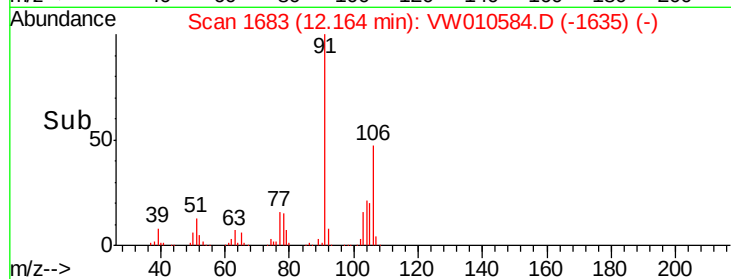
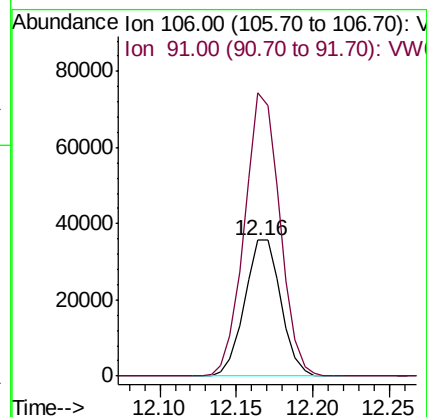
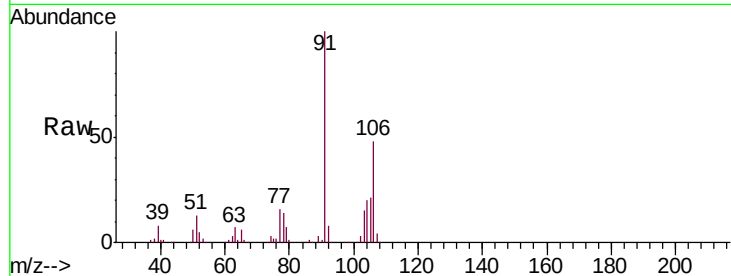




#69
o-Xylene
Concen: 22.644 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

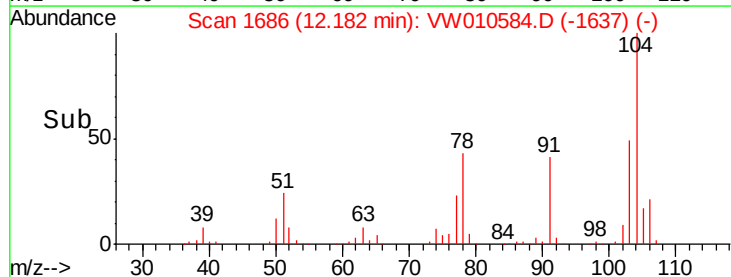
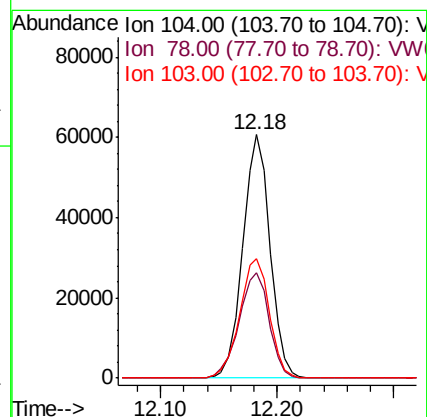
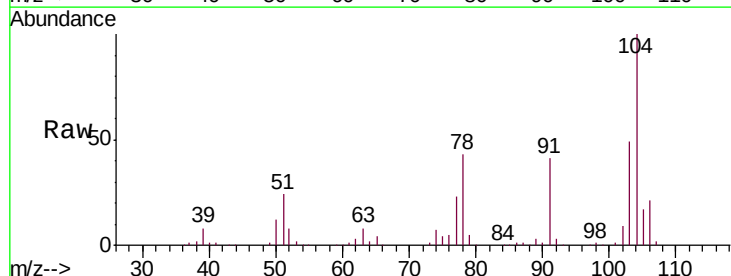
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

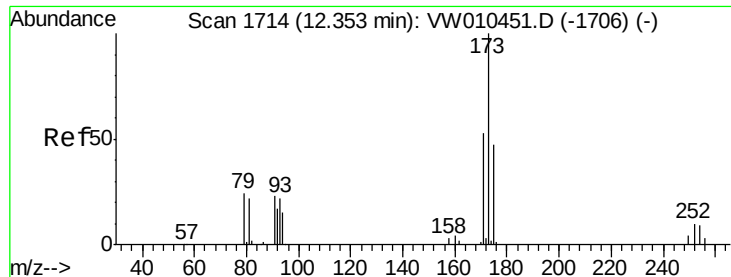
Tgt Ion:106 Resp: 58800
Ion Ratio Lower Upper
106 100
91 203.3 103.2 309.4



#70
Styrene
Concen: 22.401 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion:104 Resp: 98698
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.9 43.0 64.6





#71

Bromoform

Concen: 20.663 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

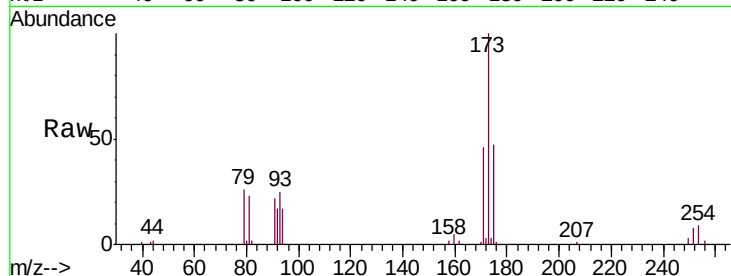
Tgt Ion:173 Resp: 16133

Ion Ratio Lower Upper

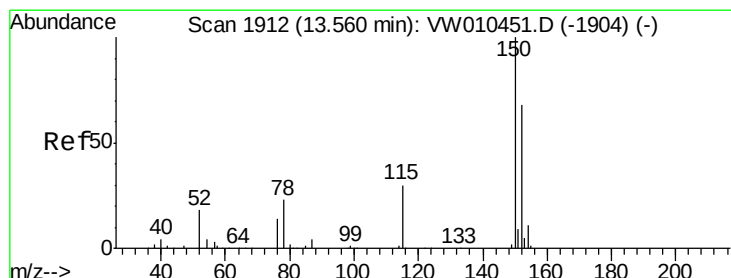
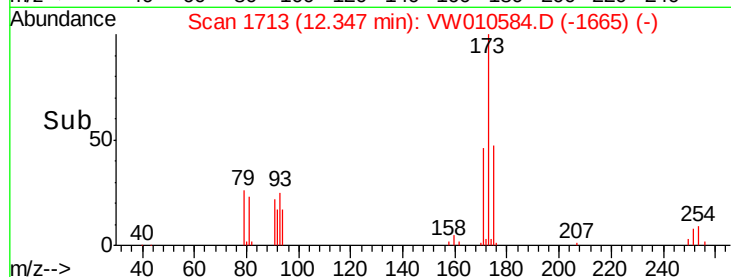
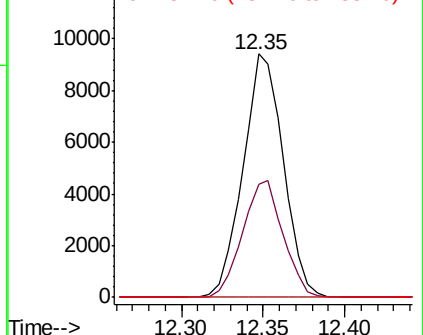
173 100

175 48.1 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: VW010584.D

Acq: 29 May 2019 12:06

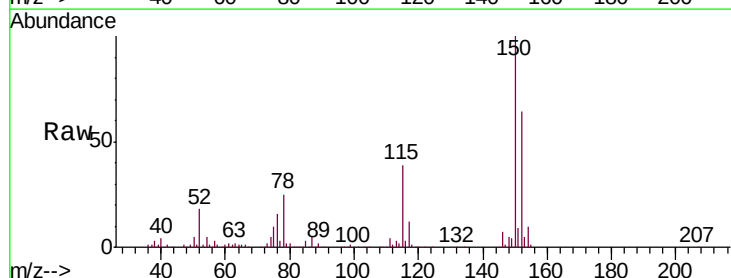
Tgt Ion:152 Resp: 93753

Ion Ratio Lower Upper

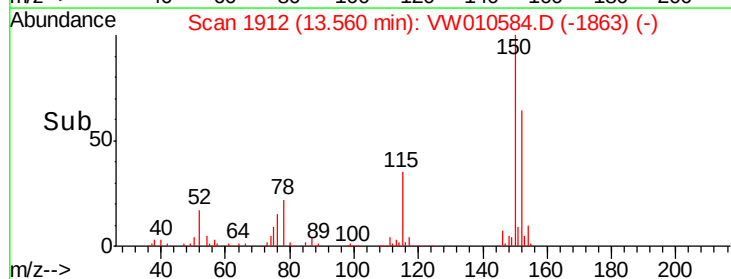
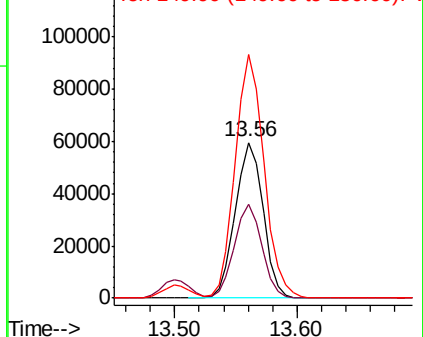
152 100

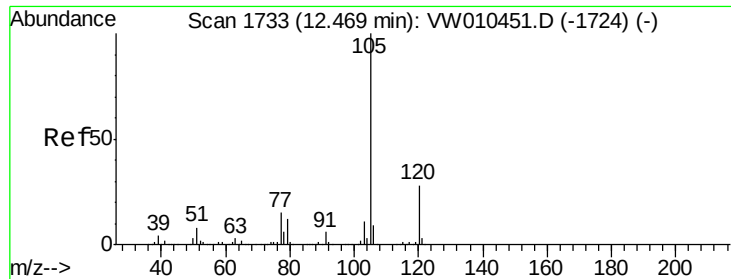
115 59.4 30.3 91.0

150 162.4 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

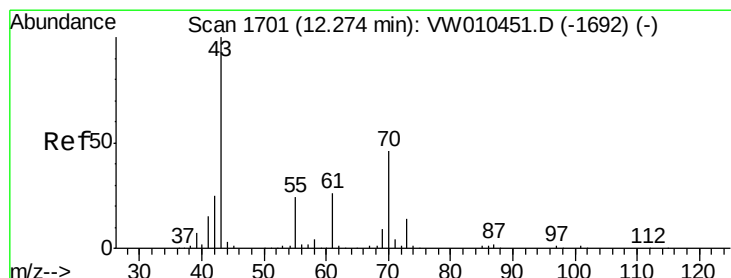
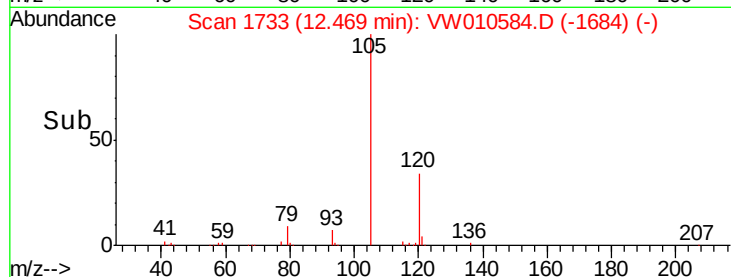
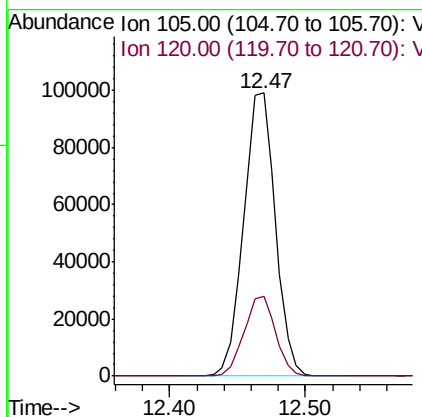
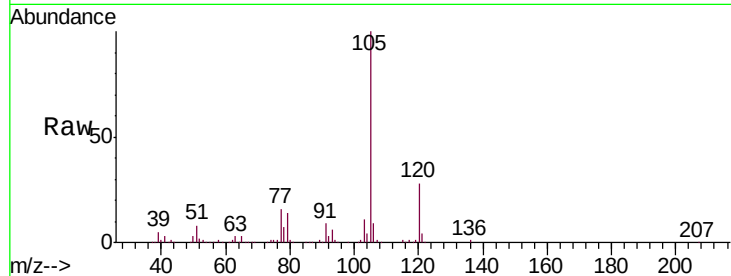




#73
Isopropylbenzene
Concen: 21.735 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

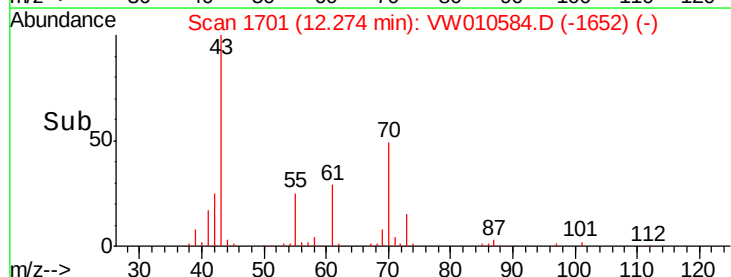
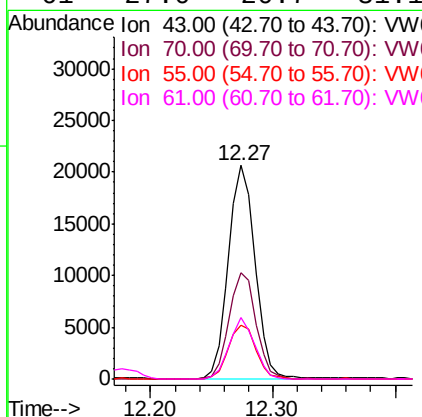
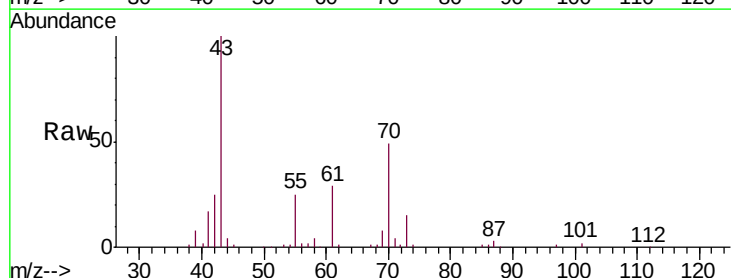
Instrument :
MSVOA_W
ClientSampled :
VW0529SBSD01

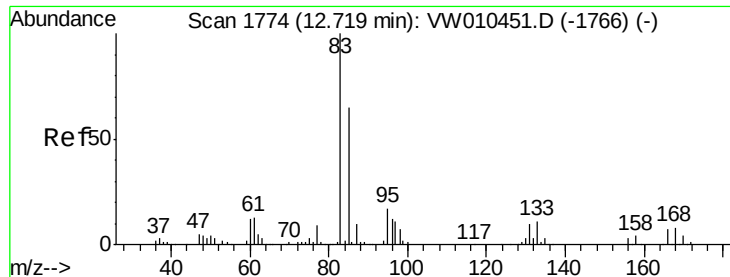
Tgt Ion: 105 Resp: 161702
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 18.390 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 43 Resp: 31351
Ion Ratio Lower Upper
43 100
70 49.6 37.1 55.7
55 26.1 19.6 29.4
61 27.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.006 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

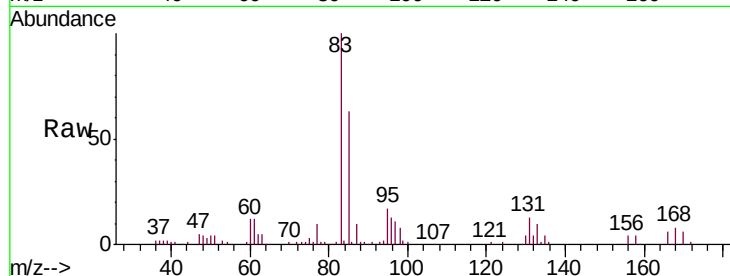
Tgt Ion: 83 Resp: 27071

Ion Ratio Lower Upper

83 100

131 12.2 5.6 16.8

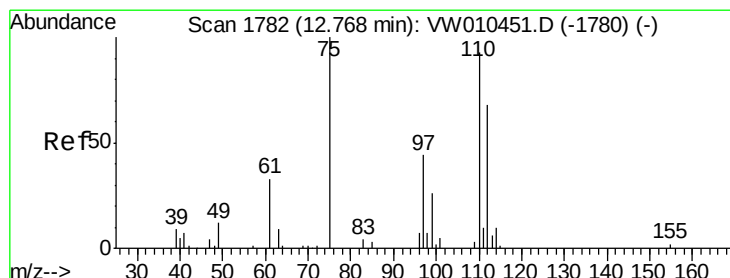
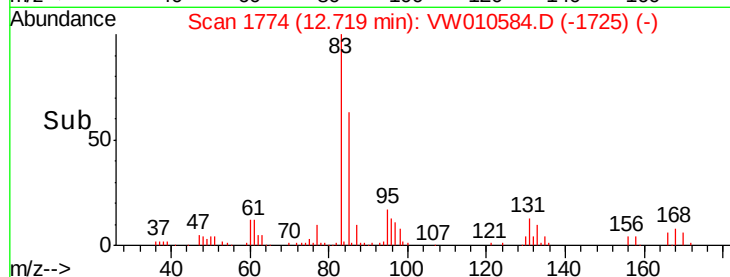
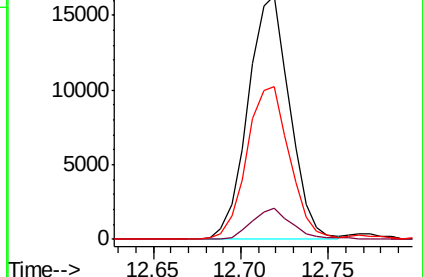
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.450 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010584.D

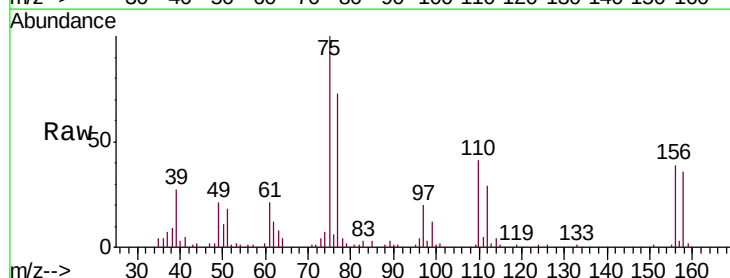
Acq: 29 May 2019 12:06

Tgt Ion: 75 Resp: 34688

Ion Ratio Lower Upper

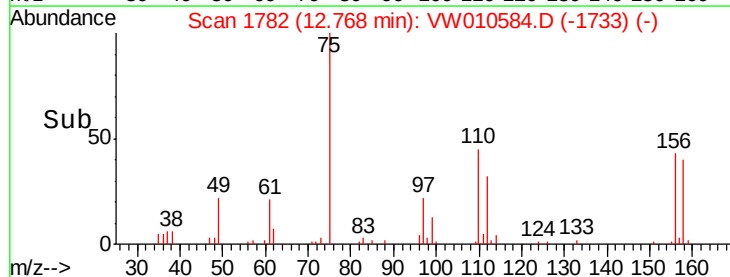
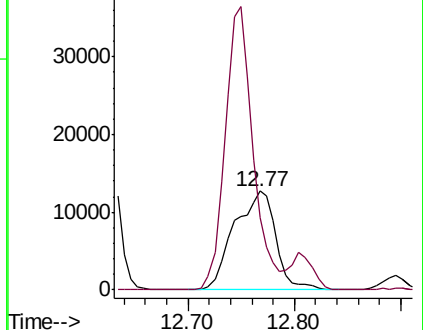
75 100

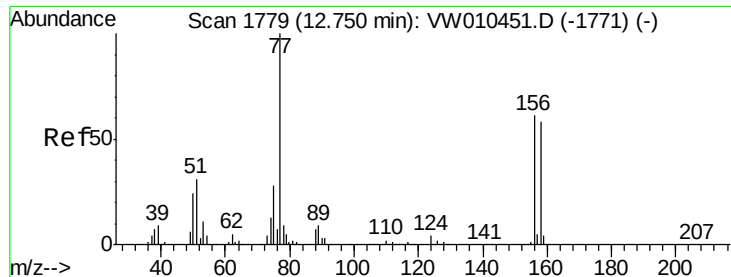
77 192.3 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.639 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010584.D

Acq: 29 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0529SBSD01

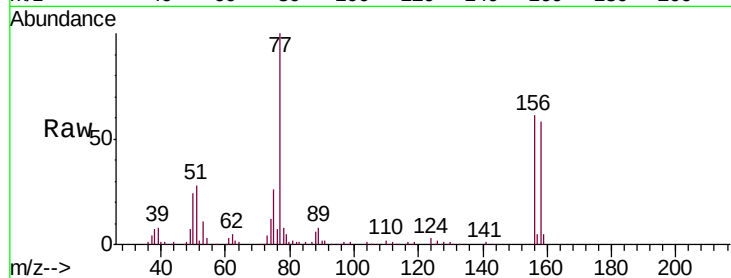
Tgt Ion:156 Resp: 37691

Ion Ratio Lower Upper

156 100

77 177.0 92.4 277.2

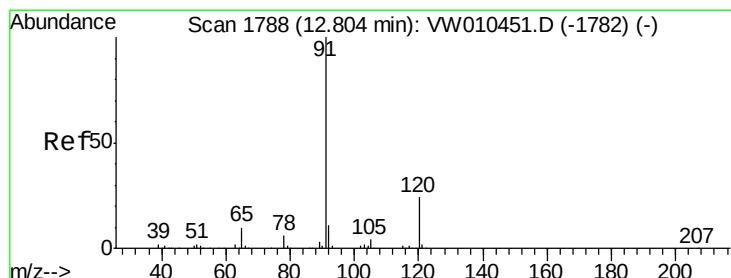
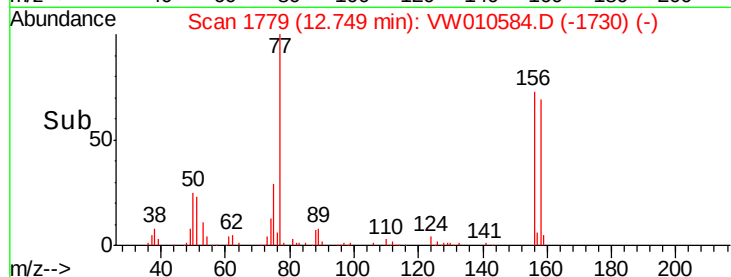
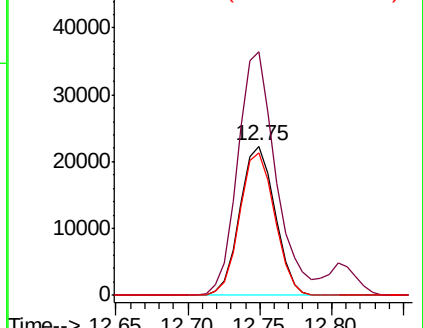
158 95.4 48.3 144.8



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: 21.211 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010584.D

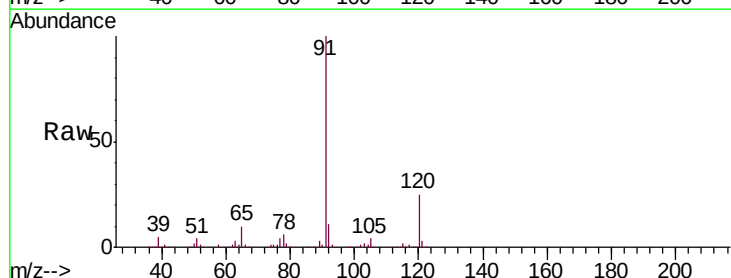
Acq: 29 May 2019 12:06

Tgt Ion: 91 Resp: 183897

Ion Ratio Lower Upper

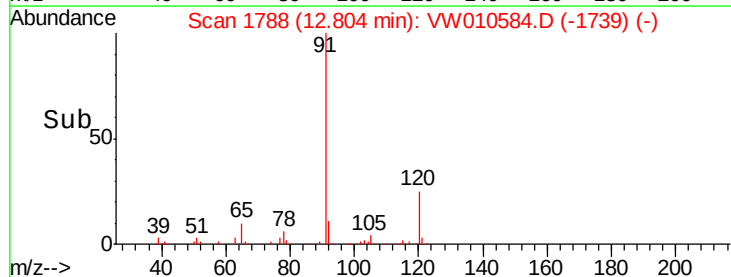
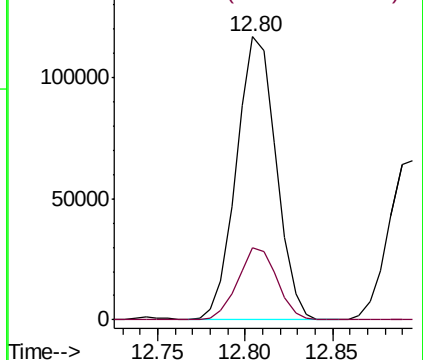
91 100

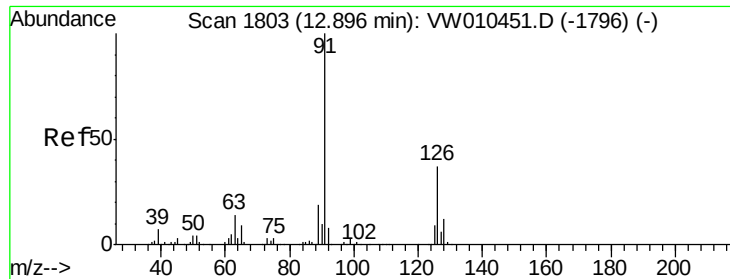
120 25.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

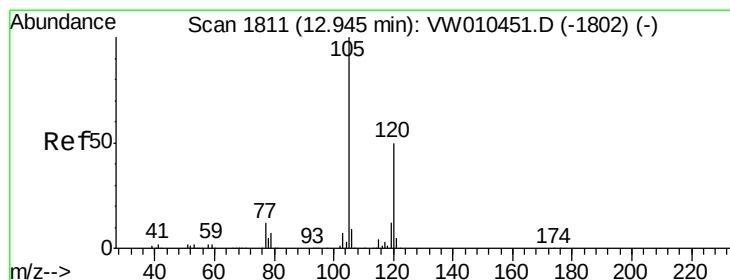
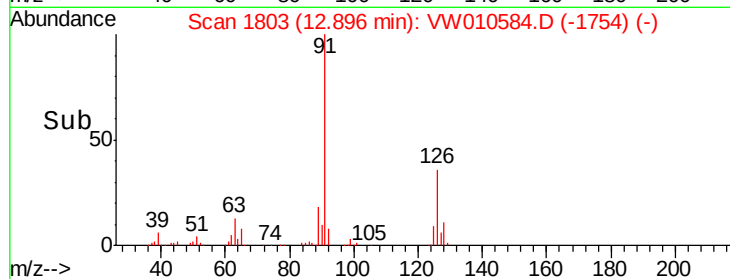
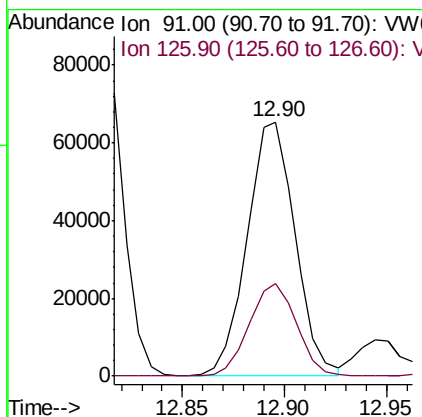
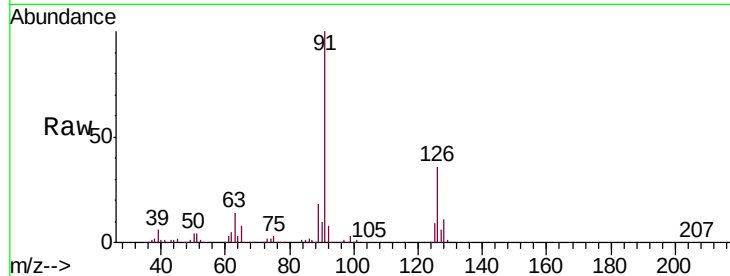




#79
 2-Chlorotoluene
 Concen: 21.238 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

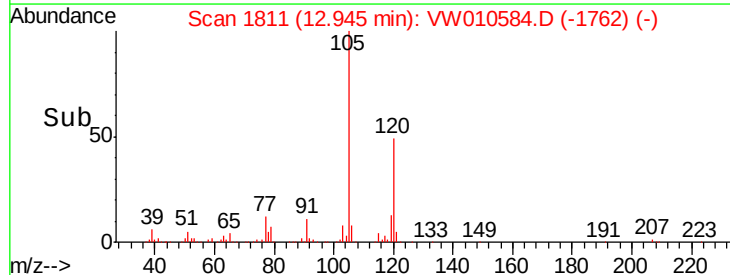
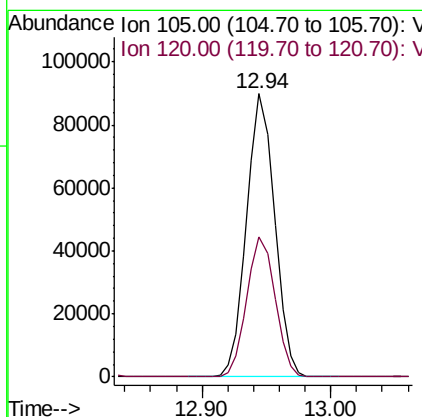
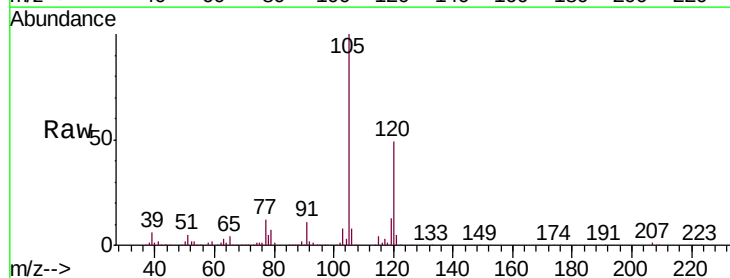
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

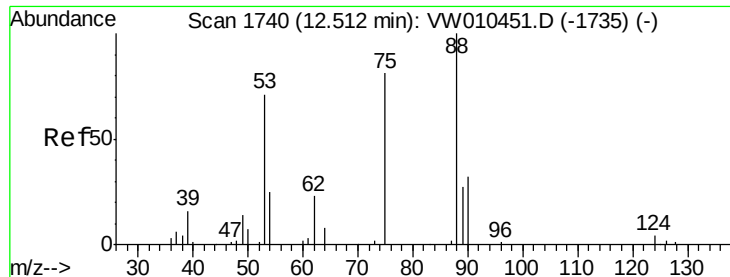
Tgt Ion: 91 Resp: 106781
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.500 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 105 Resp: 135472
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.2 75.6

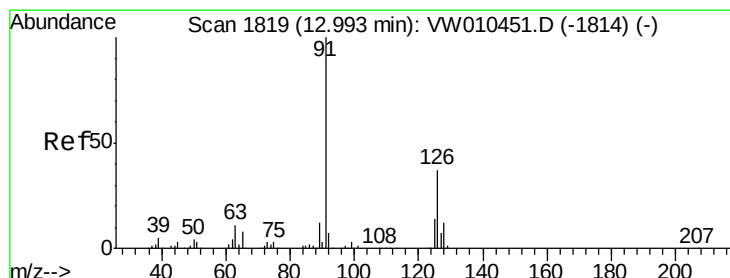
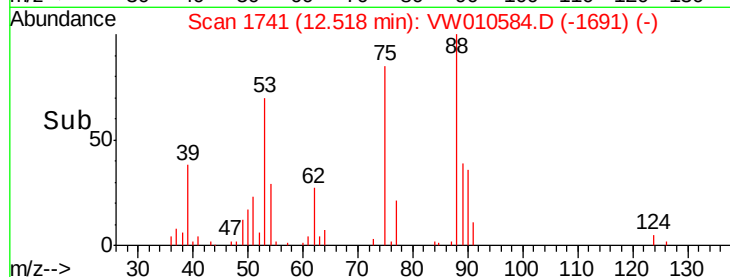
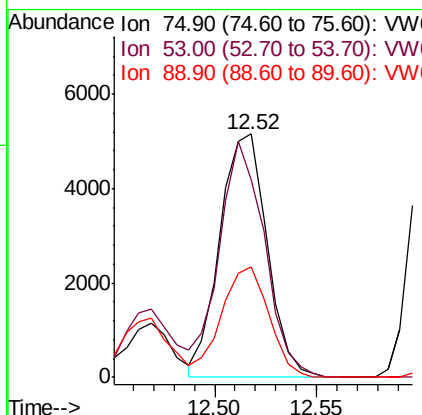
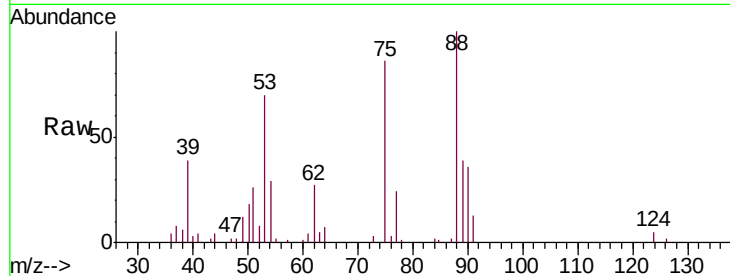




#81
trans-1,4-Dichloro-2-butene
Concen: 18.189 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

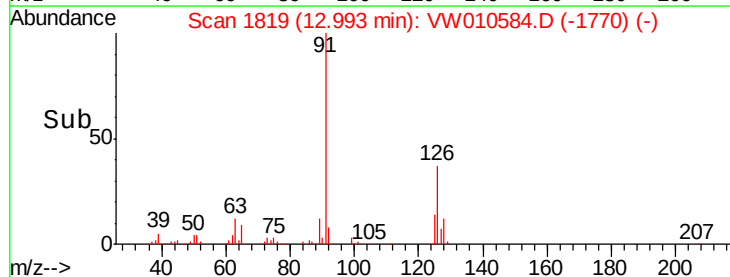
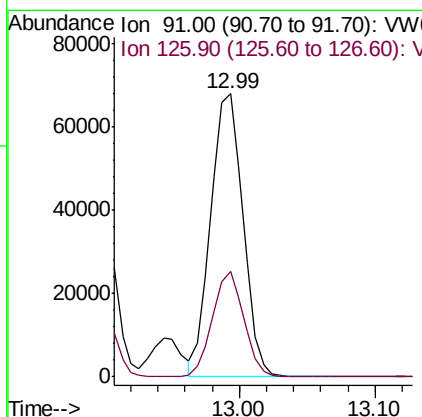
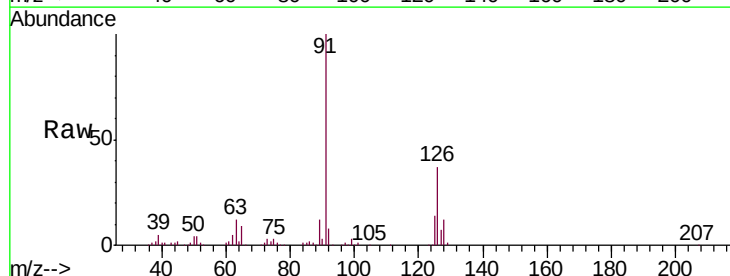
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

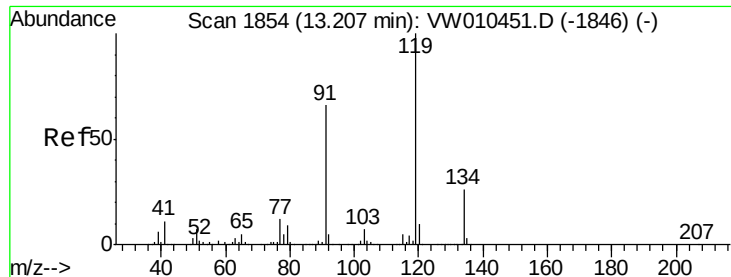
Tgt Ion: 75 Resp: 8294
Ion Ratio Lower Upper
75 100
53 92.7 69.8 104.8
89 45.6 39.5 59.3



#82
4-Chlorotoluene
Concen: 21.501 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 91 Resp: 112207
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.6

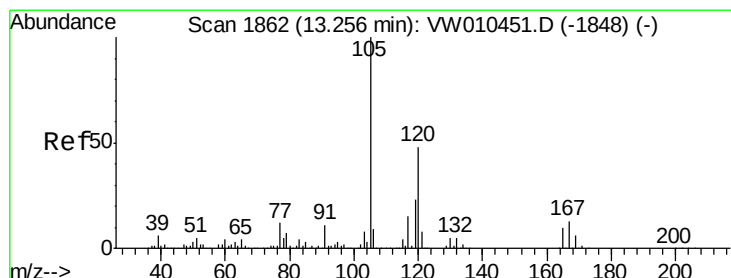
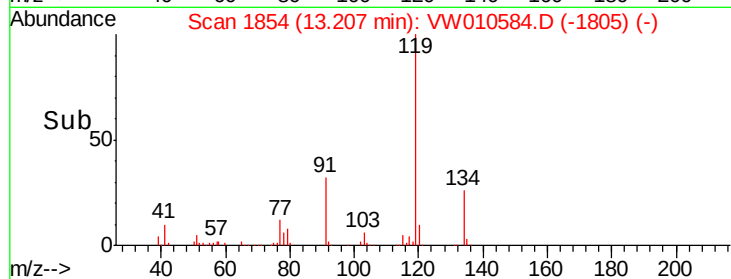
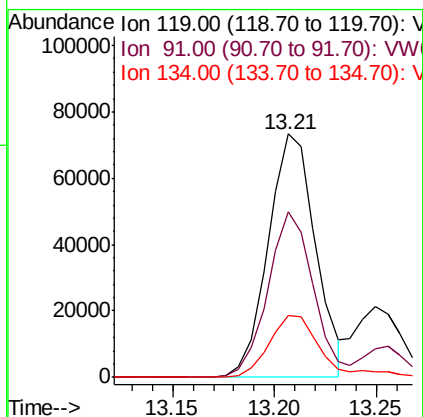
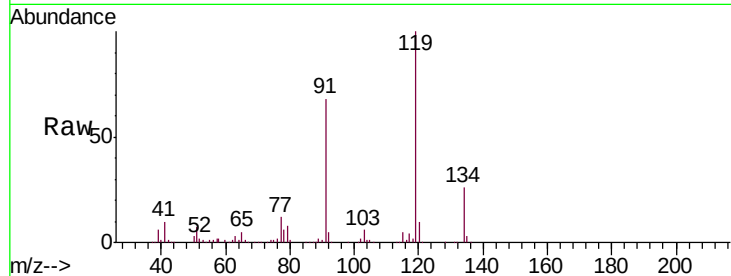




#83
 tert-Butylbenzene
 Concen: 21.588 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

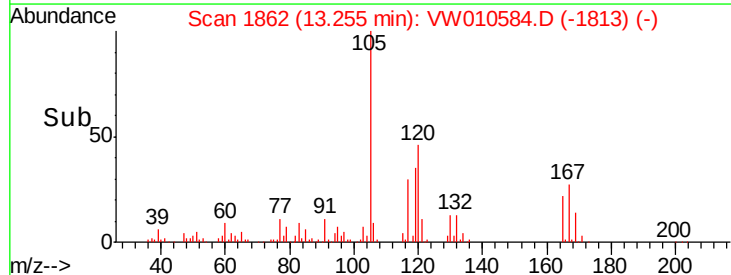
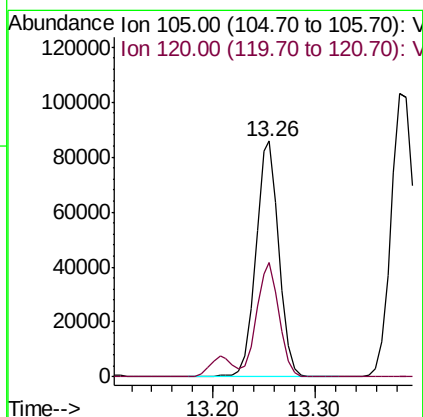
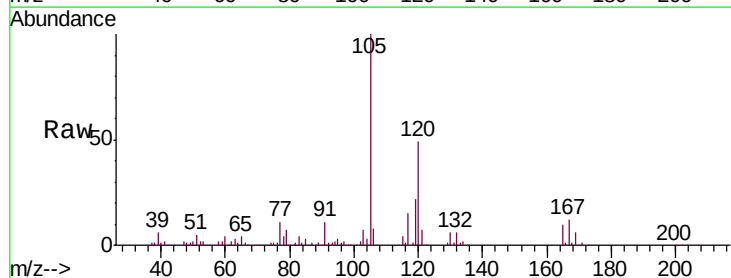
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

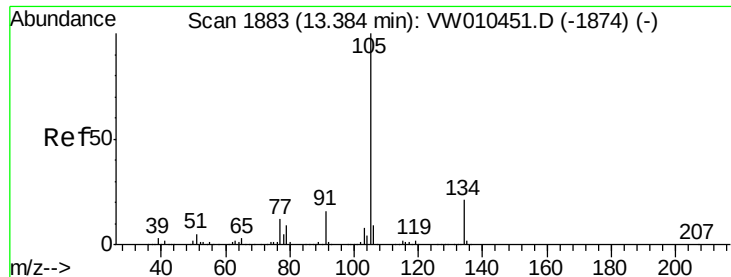
Tgt Ion:119 Resp: 118816
 Ion Ratio Lower Upper
 119 100
 91 65.8 33.1 99.5
 134 27.9 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.488 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion:105 Resp: 134850
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2

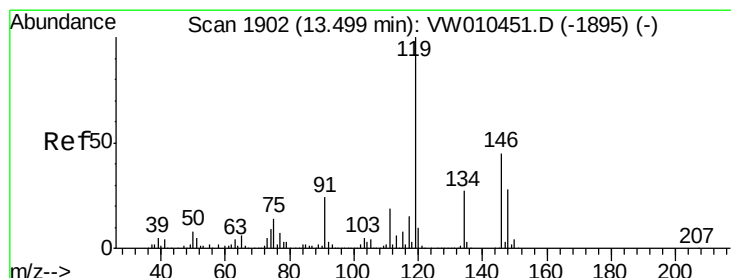
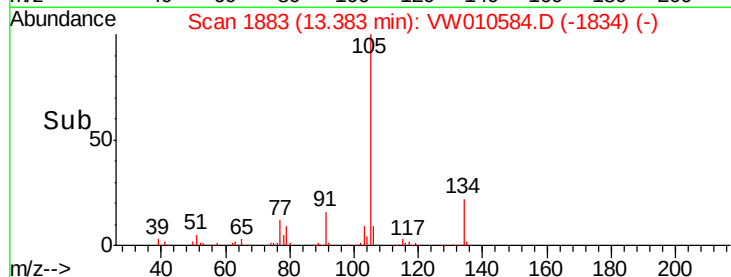
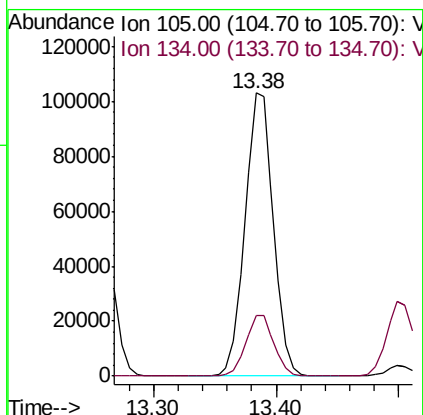
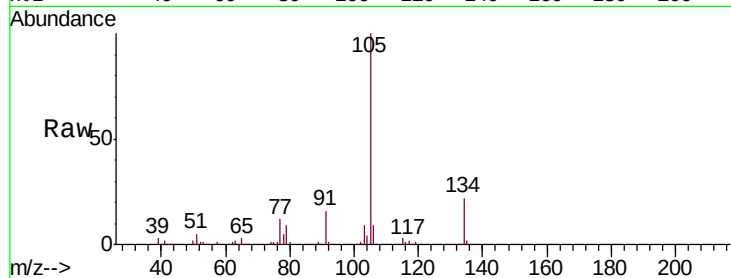




#85
 sec-Butylbenzene
 Concen: 21.480 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

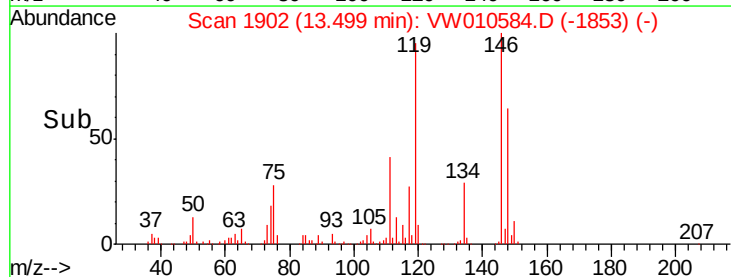
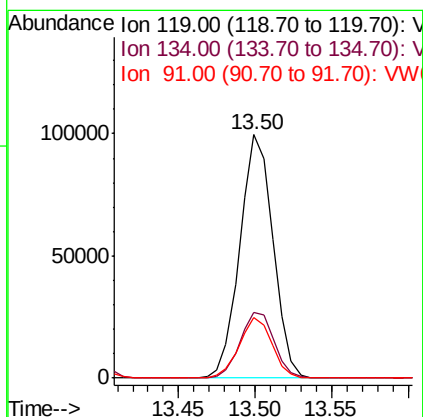
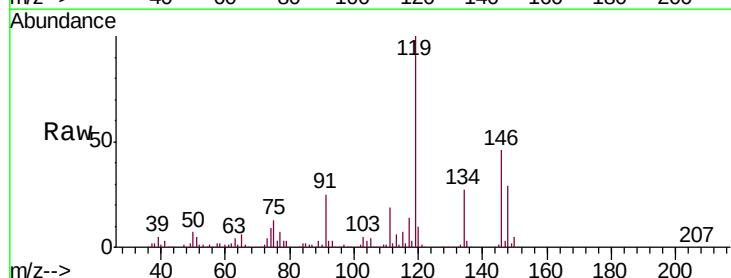
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

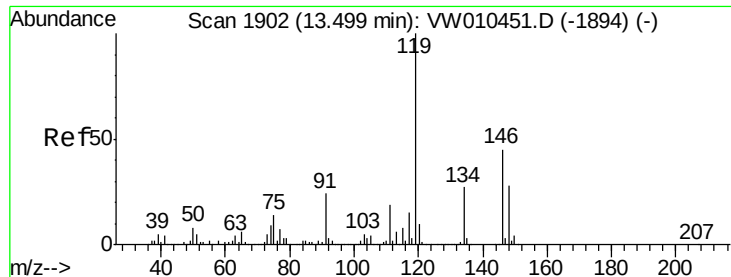
Tgt Ion:105 Resp: 165448
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 21.576 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion:119 Resp: 150417
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.7
 91 24.2 11.9 35.7

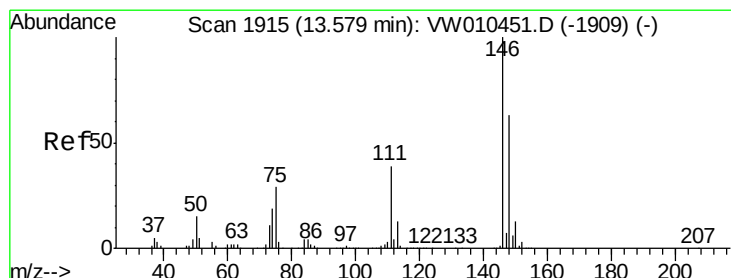
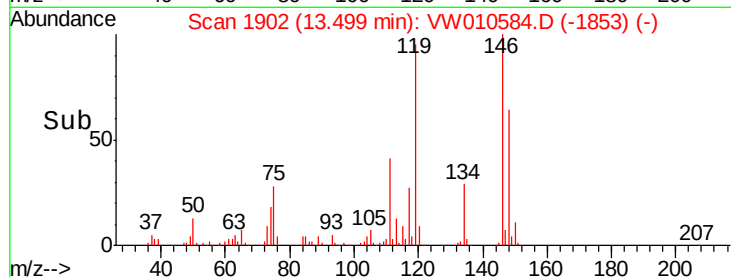
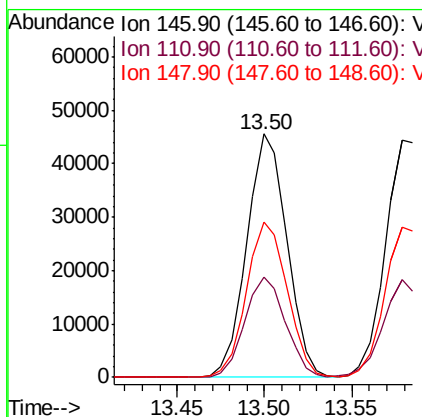
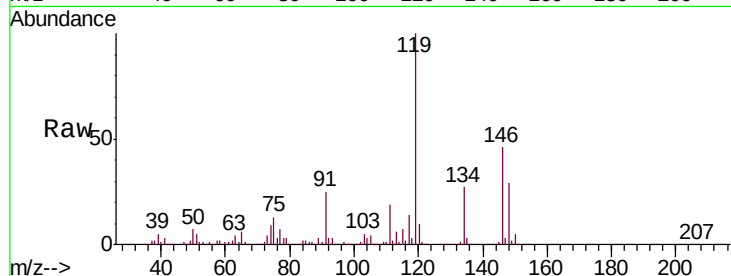




#87
 1,3-Dichlorobenzene
 Concen: 22.320 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

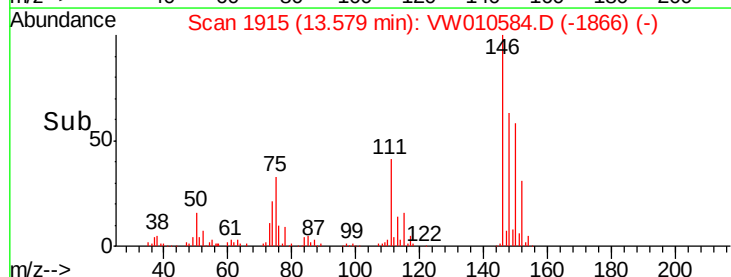
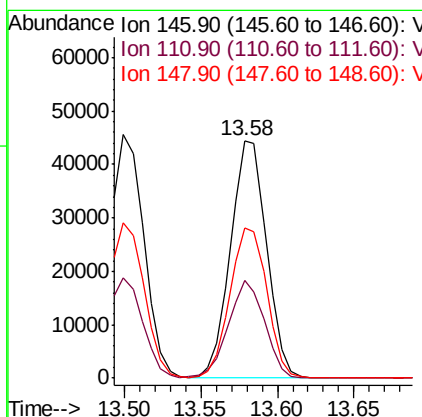
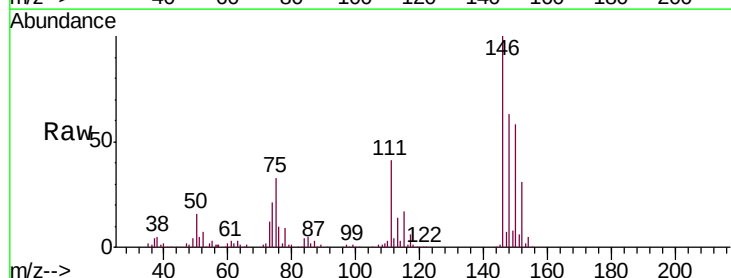
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBS01

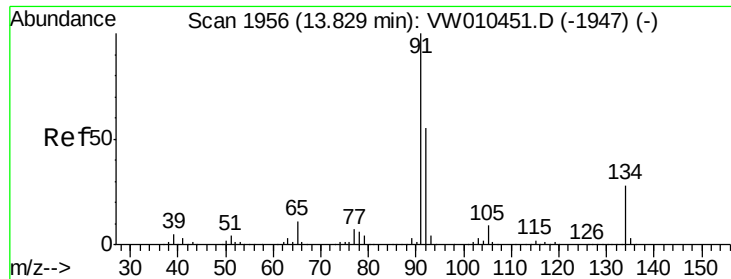
Tgt Ion:146 Resp: 72905
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 64.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 22.198 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion:146 Resp: 72745
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.9 59.6
 148 64.7 31.6 94.8

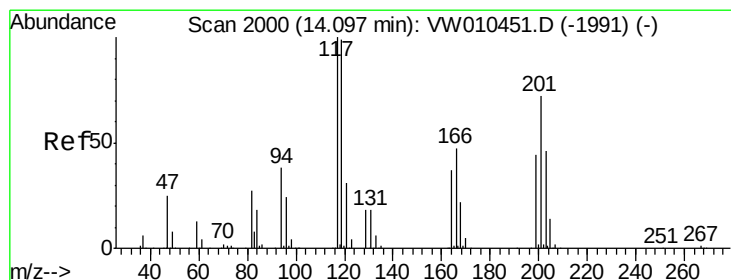
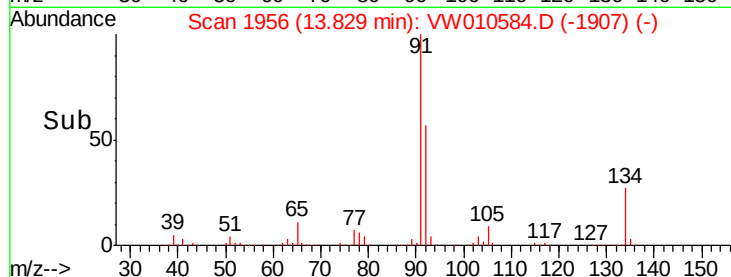
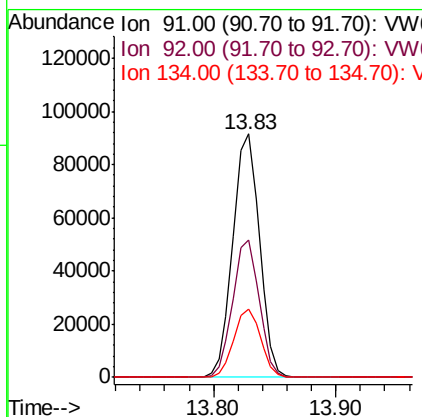
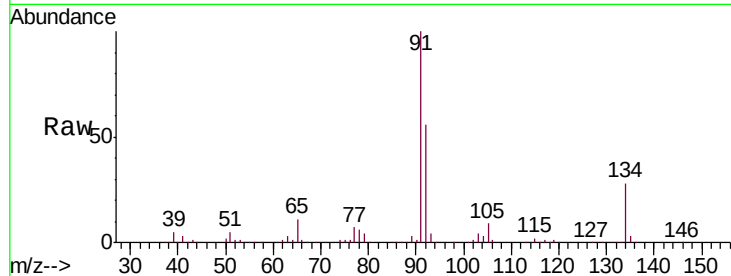




#89
n-Butylbenzene
Concen: 20.831 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

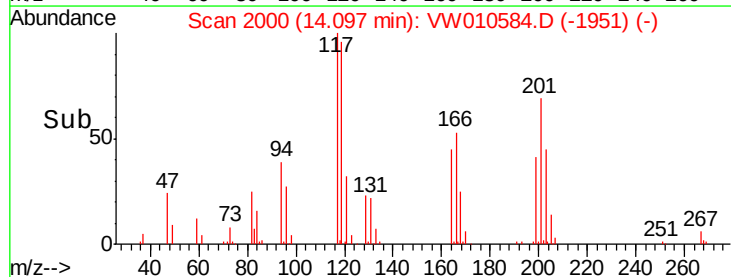
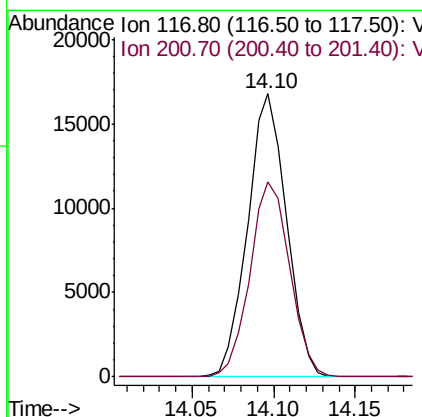
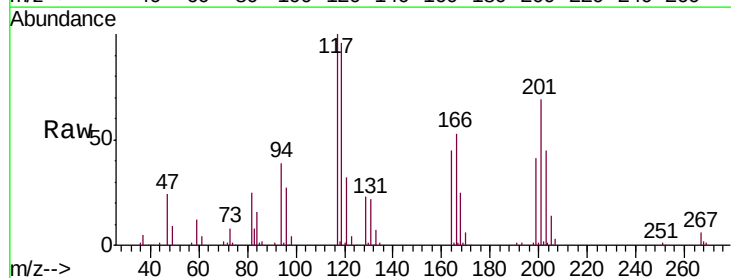
Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

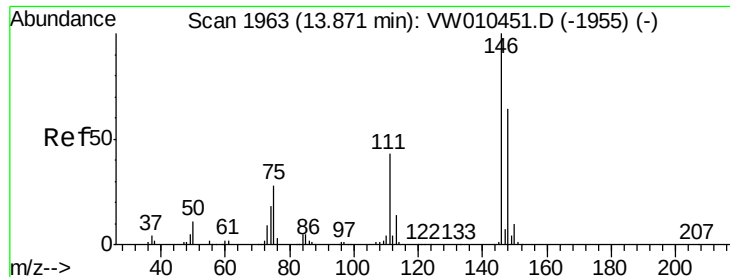
Tgt Ion: 91 Resp: 138138
Ion Ratio Lower Upper
91 100
92 55.9 27.7 83.1
134 28.1 13.9 41.6



#90
Hexachloroethane
Concen: 20.575 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion: 117 Resp: 27764
Ion Ratio Lower Upper
117 100
201 70.5 34.6 103.8

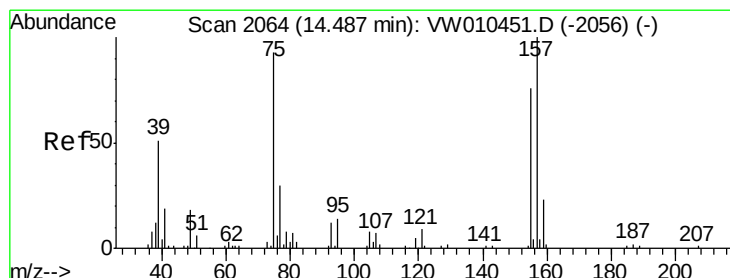
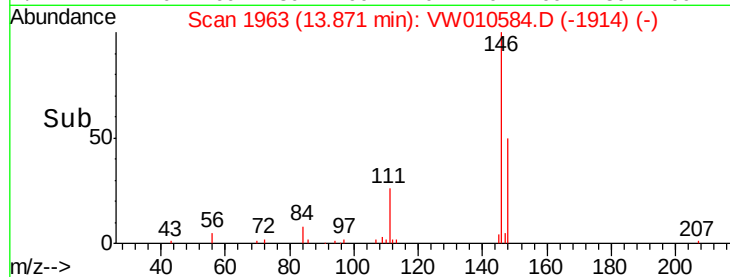
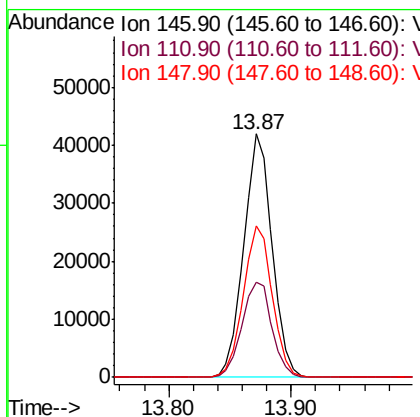
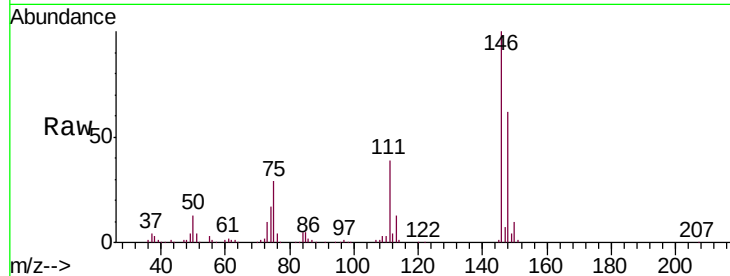




#91
 1,2-Dichlorobenzene
 Concen: 22.641 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

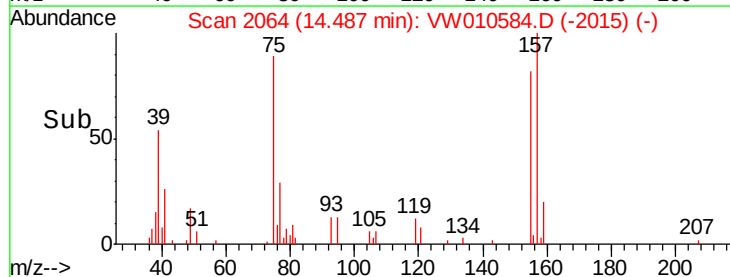
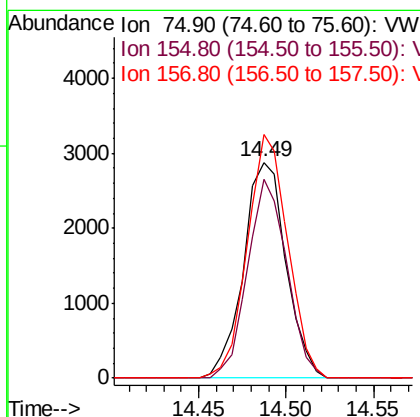
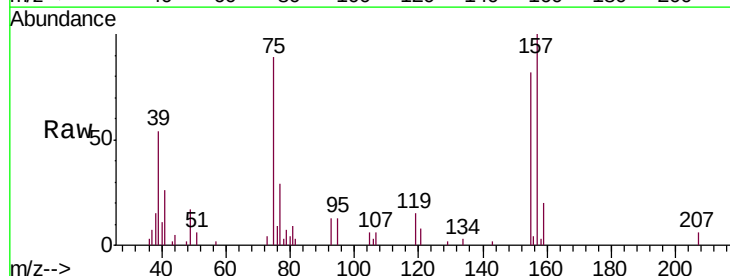
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

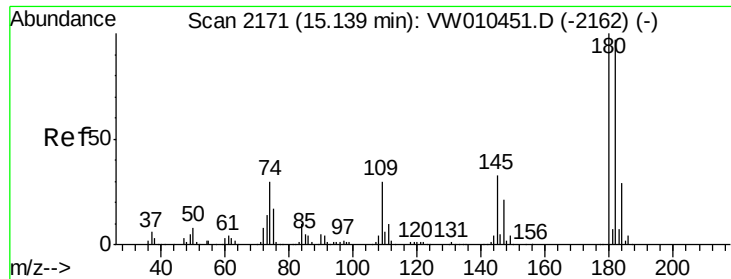
Tgt Ion:146 Resp: 67383
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.3 64.0
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.343 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion: 75 Resp: 4867
 Ion Ratio Lower Upper
 75 100
 155 84.9 43.0 129.0
 157 107.1 55.7 167.1

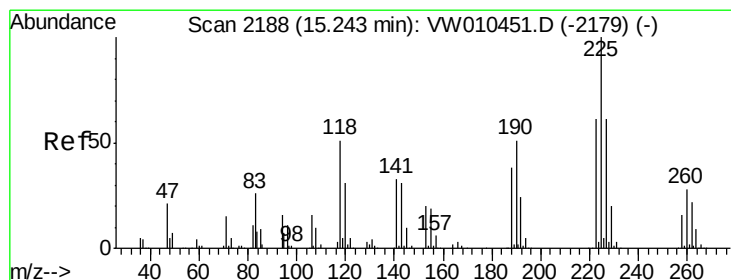
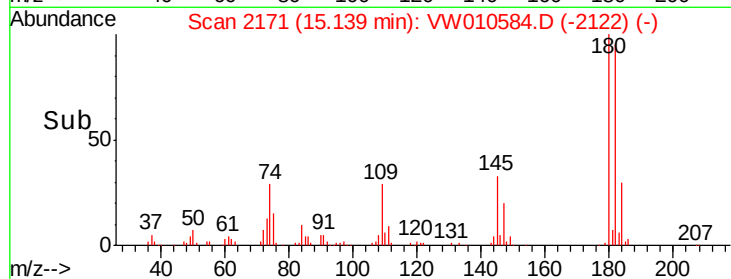
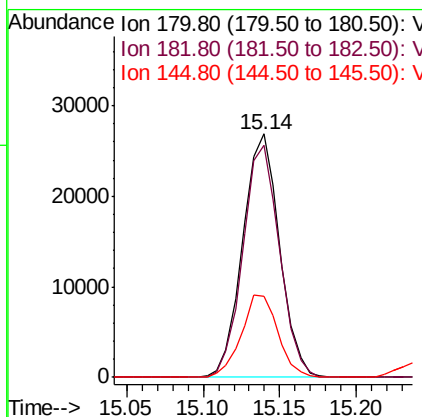
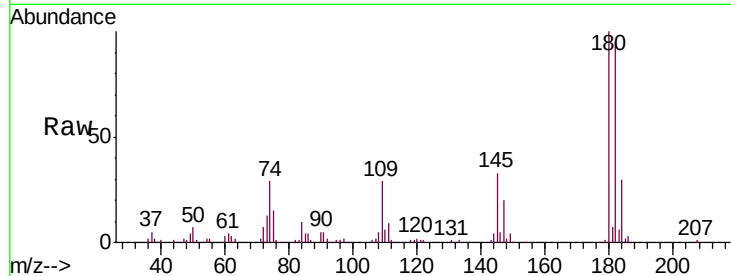




#93
 1,2,4-Trichlorobenzene
 Concen: 22.203 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

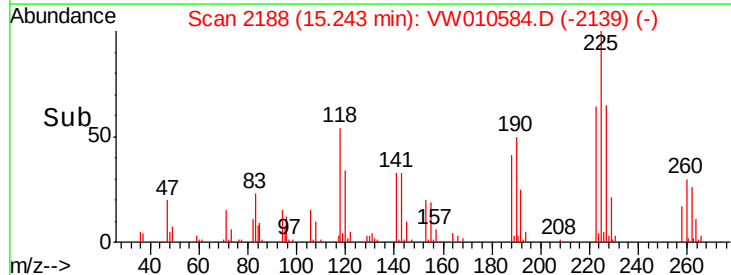
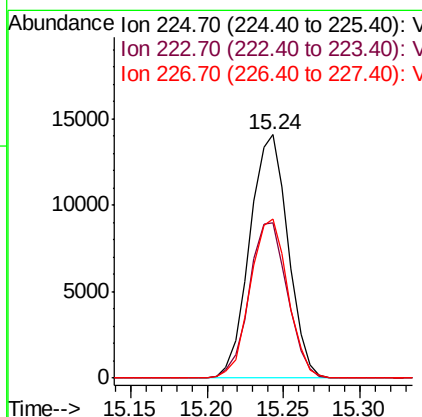
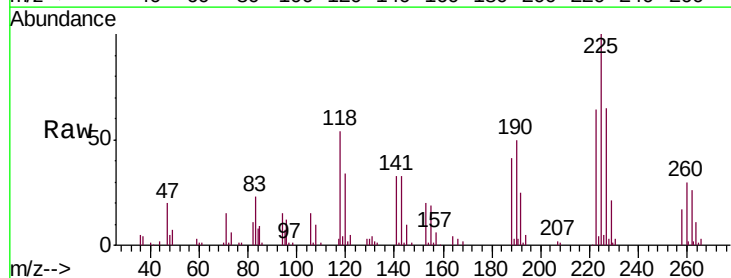
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

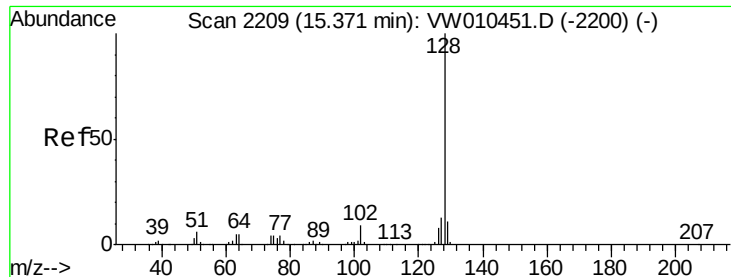
Tgt Ion:180 Resp: 44960
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.0 141.2
 145 33.7 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 22.720 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010584.D
 Acq: 29 May 2019 12:06

Tgt Ion:225 Resp: 24578
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.2
 227 64.2 31.1 93.5

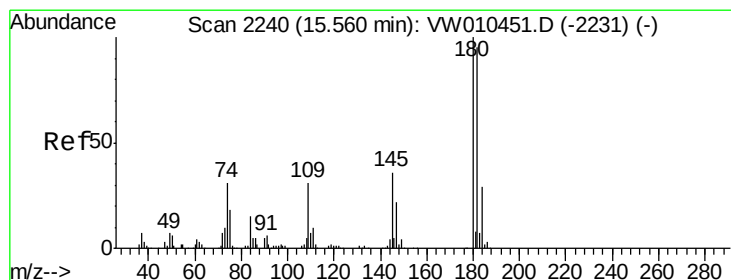
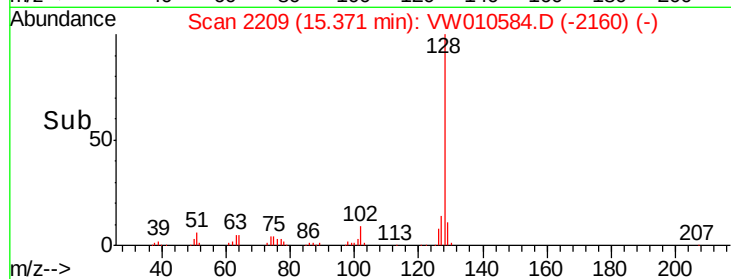
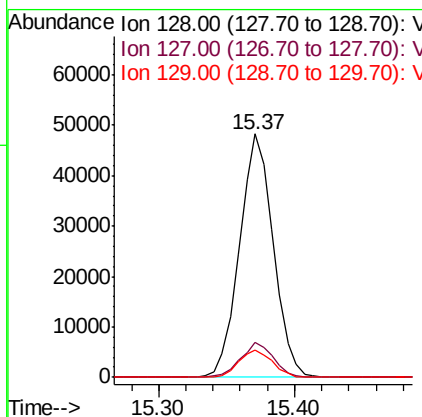
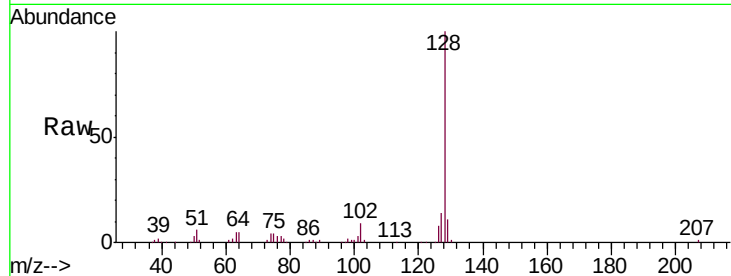




#95
Naphthalene
Concen: 19.667 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0529SBSD01

Tgt Ion:128 Resp: 83597
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.639 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010584.D
Acq: 29 May 2019 12:06

Tgt Ion:180 Resp: 39446
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 35.6 17.4 52.3

