

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010429.D
 Acq On : 18 May 2019 00:31
 Operator : SY/VA
 Sample : VW0517SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

Quant Time: May 18 01:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	689571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1313647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1203176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	564665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	424105	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	
35) Dibromofluoromethane	7.88	113	401476	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.32	98	1503855	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.62	95	584870	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	96178	17.411	ug/l 96
3) Chloromethane	2.21	50	152135	19.876	ug/l 99
4) Vinyl Chloride	2.35	62	151752	18.368	ug/l 100
5) Bromomethane	2.75	94	114820	25.115	ug/l 98
6) Chloroethane	2.90	64	103382	20.076	ug/l 95
7) Trichlorofluoromethane	3.25	101	229514	20.032	ug/l 98
8) Diethyl Ether	3.68	74	88756	21.779	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	142584	19.553	ug/l 99
10) Methyl Iodide	4.27	142	156120	19.144	ug/l 99
11) Tert butyl alcohol	5.19	59	76444	111.435	ug/l 97
12) 1,1-Dichloroethene	4.03	96	142134	20.668	ug/l 94
13) Acrolein	3.89	56	55066	105.705	ug/l 96
14) Allyl chloride	4.66	41	223852	20.984	ug/l 99
15) Acrylonitrile	5.37	53	196973	113.045	ug/l 99
16) Acetone	4.13	43	146049	109.633	ug/l 97
17) Carbon Disulfide	4.37	76	397772	20.256	ug/l 99
18) Methyl Acetate	4.67	43	100797	24.212	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	444678	22.544	ug/l 97
20) Methylene Chloride	4.92	84	162879	21.091	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	172255	21.476	ug/l 97
22) Diisopropyl ether	6.32	45	494778	21.732	ug/l 97
23) Vinyl Acetate	6.26	43	1475925	103.921	ug/l 100
24) 1,1-Dichloroethane	6.21	63	285100	21.630	ug/l 98
25) 2-Butanone	7.18	43	260780	114.837	ug/l 96
26) 2,2-Dichloropropane	7.17	77	209816	17.640	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	198653	22.085	ug/l 99
28) Bromochloromethane	7.51	49	112011	22.619	ug/l 97
29) Tetrahydrofuran	7.53	42	177731	115.654	ug/l 98
30) Chloroform	7.67	83	309967	22.359	ug/l 100
31) Cyclohexane	7.95	56	257233	19.711	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	273280	20.906	ug/l 99
36) 1,1-Dichloropropene	8.08	75	223418	19.211	ug/l 99
37) Ethyl Acetate	7.25	43	118356	21.211	ug/l 98
38) Carbon Tetrachloride	8.07	117	238145	18.975	ug/l 96

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

39) Methylcyclohexane	9.34	83	284906	18.345	ug/l	96
40) Benzene	8.32	78	674484	20.322	ug/l	100
41) Methacrylonitrile	7.48	41	66339	19.854	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	210095	21.245	ug/l	100
43) Isopropyl Acetate	8.43	43	239574	21.083	ug/l	99
44) Trichloroethene	9.09	130	187825	19.752	ug/l	97
45) 1,2-Dichloropropane	9.37	63	171448	21.102	ug/l	97
46) Dibromomethane	9.46	93	104089	21.687	ug/l	96
47) Bromodichloromethane	9.64	83	247888	20.785	ug/l	97
48) Methyl methacrylate	9.43	41	108130	20.651	ug/l	96
49) 1,4-Dioxane	9.46	88	30410	428.125	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	609883	104.927	ug/l	100
52) Toluene	10.39	92	443222	20.107	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	242650	19.727	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	277719	19.915	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	143853	20.774	ug/l	94
56) Ethyl methacrylate	10.65	69	202126	20.918	ug/l	100
57) 1,3-Dichloropropane	10.93	76	247626	21.331	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	494086	106.418	ug/l	99
59) 2-Hexanone	10.97	43	421540	104.150	ug/l	99
60) Dibromochloromethane	11.13	129	180339	20.986	ug/l	98
61) 1,2-Dibromoethane	11.23	107	149263	21.268	ug/l	98
64) Tetrachloroethene	10.86	164	180850	22.852	ug/l	97
65) Chlorobenzene	11.66	112	490961	20.095	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	182320	20.208	ug/l	99
67) Ethyl Benzene	11.73	91	841725	19.558	ug/l	99
68) m/p-Xylenes	11.84	106	662164	39.310	ug/l	99
69) o-Xylene	12.16	106	326161	20.312	ug/l	100
70) Styrene	12.18	104	558916	20.216	ug/l	99
71) Bromoform	12.35	173	102043	20.073	ug/l #	100
73) Isopropylbenzene	12.46	105	835598	19.138	ug/l	100
74) N-amyl acetate	12.27	43	217383	19.428	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	174530	20.183	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	220182	36.414	ug/l #	100
77) Bromobenzene	12.75	156	197249	19.998	ug/l	96
78) n-propylbenzene	12.80	91	961893	18.992	ug/l	100
79) 2-Chlorotoluene	12.90	91	585837	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	721998	19.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	54801	17.885	ug/l	97
82) 4-Chlorotoluene	12.99	91	610394	19.761	ug/l	98
83) tert-Butylbenzene	13.21	119	599653	19.079	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	726173	19.861	ug/l	100
85) sec-Butylbenzene	13.38	105	831670	18.791	ug/l	99
86) p-Isopropyltoluene	13.50	119	754907	18.881	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	382394	20.131	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	378758	20.031	ug/l	99
89) n-Butylbenzene	13.83	91	698162	18.301	ug/l	100
90) Hexachloroethane	14.10	117	152241	18.929	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	352008	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33154	20.603	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:49:26 2019
Response via : Initial Calibration

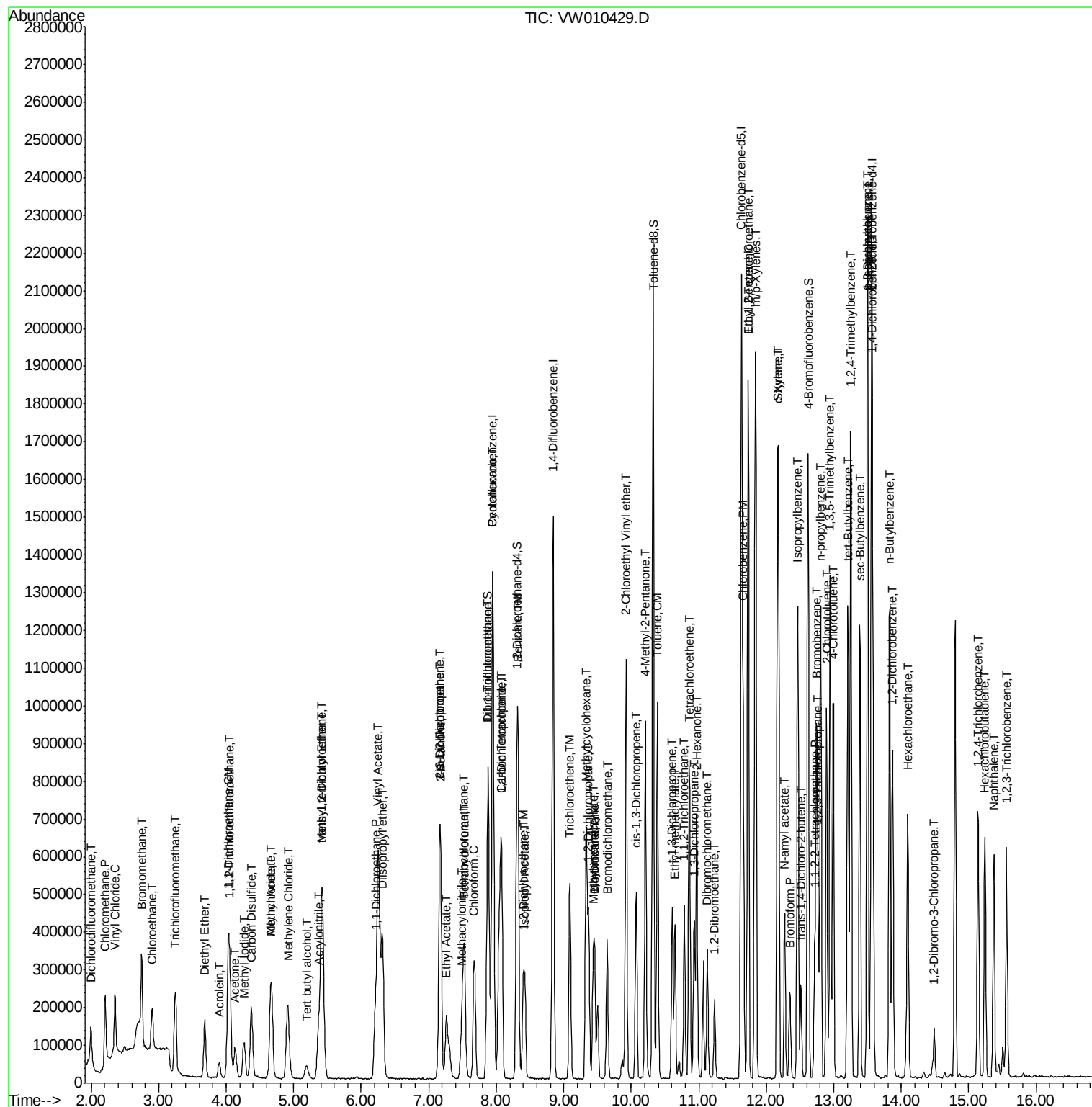
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	214465	19.048	ug/l	98
94) Hexachlorobutadiene	15.24	225	112013	18.635	ug/l	98
95) Naphthalene	15.37	128	518748	20.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	191547	19.296	ug/l	99

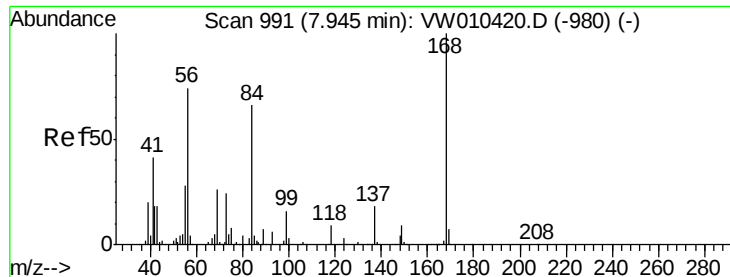
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010429.D
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 Sample : VW0517SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

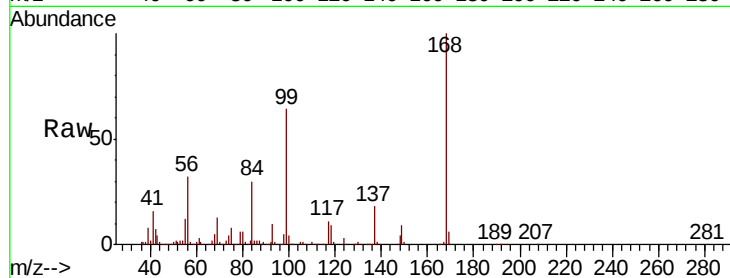
VW0517SBSD01

Tgt Ion:168 Resp: 689571

Ion Ratio Lower Upper

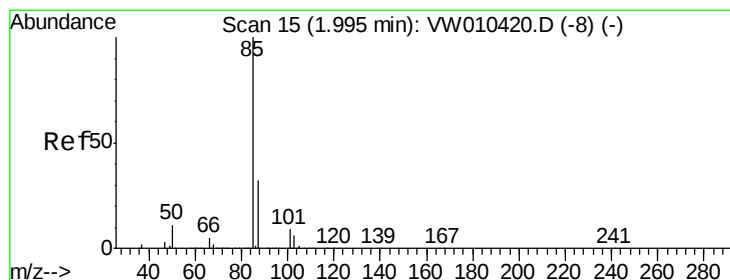
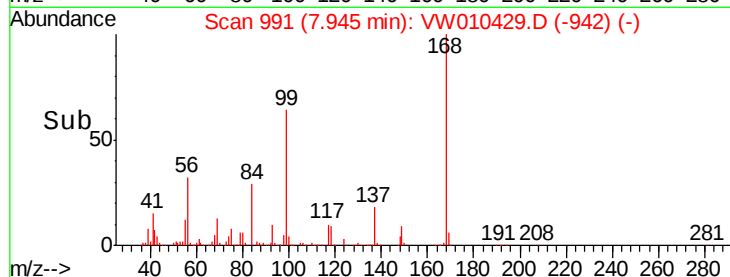
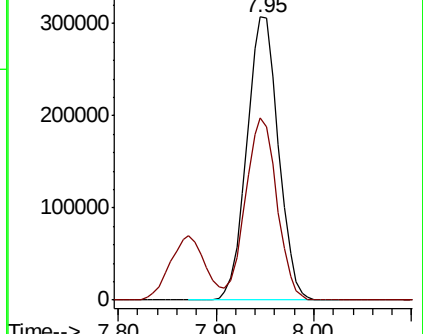
168 100

99 64.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.411 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010429.D

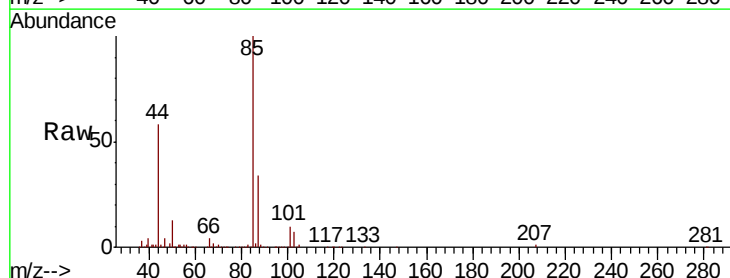
Acq: 18 May 2019 00:31

Tgt Ion: 85 Resp: 96178

Ion Ratio Lower Upper

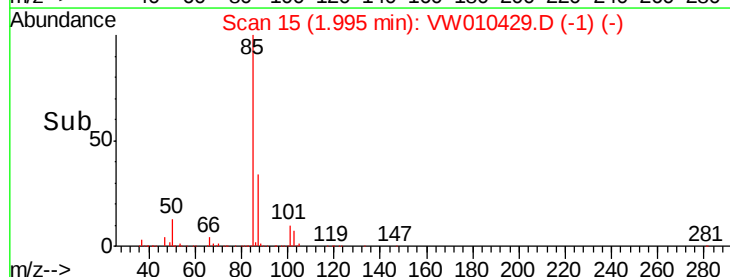
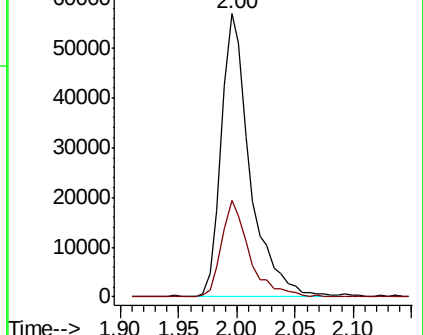
85 100

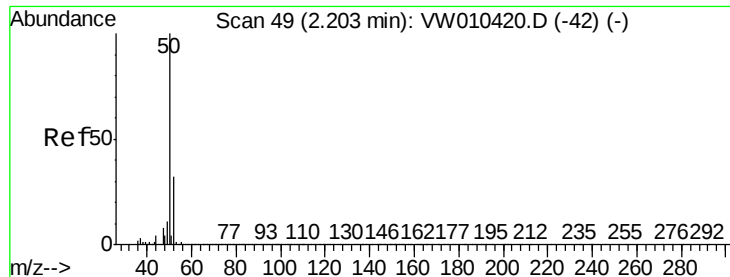
87 34.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.876 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

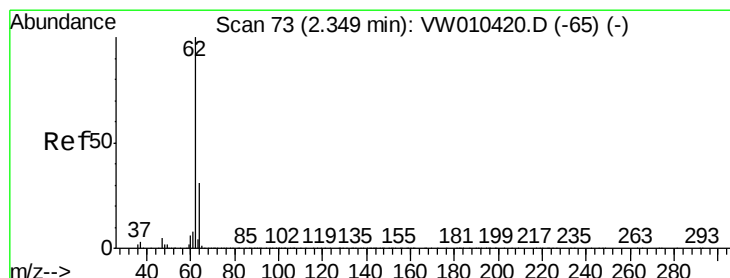
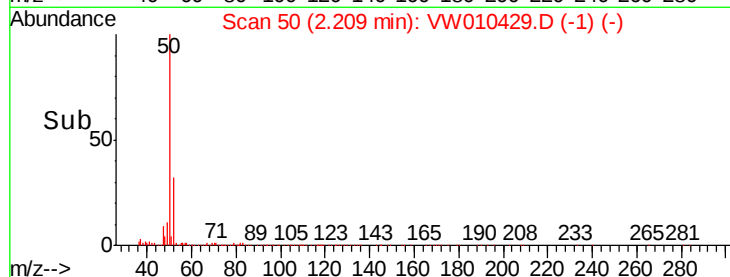
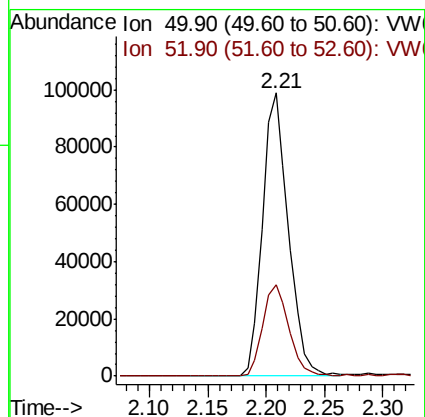
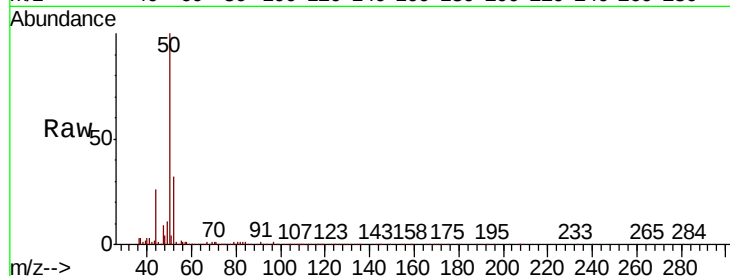
VW0517SBSD01

Tgt Ion: 50 Resp: 152135

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.0



#4

Vinyl Chloride

Concen: 18.368 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010429.D

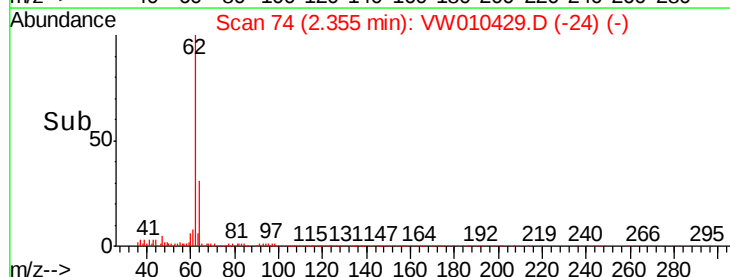
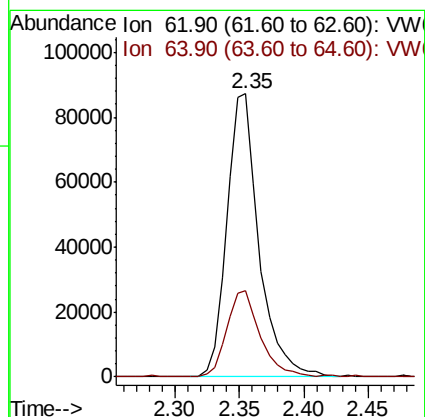
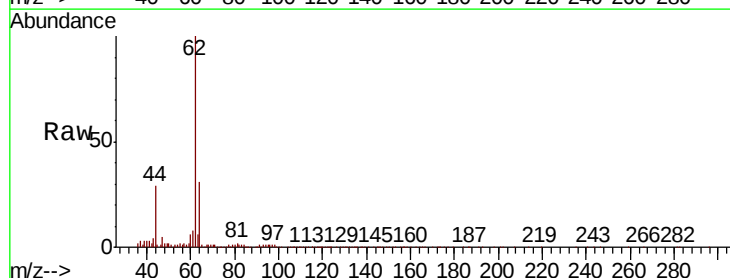
Acq: 18 May 2019 00:31

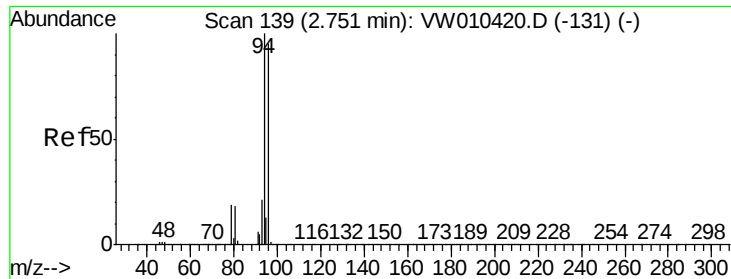
Tgt Ion: 62 Resp: 151752

Ion Ratio Lower Upper

62 100

64 30.5 24.4 36.6





#5

Bromomethane

Concen: 25.115 ug/l

RT: 2.75 min Scan# 139

Delta R.T. 0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

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ClientSampleId :

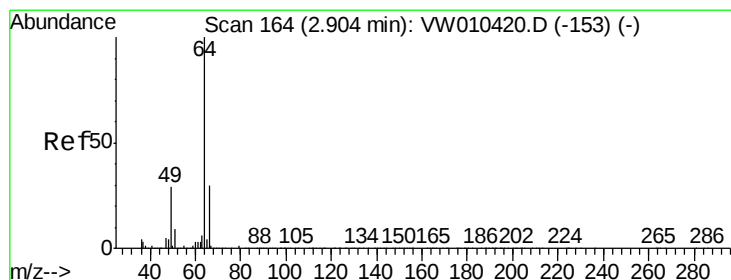
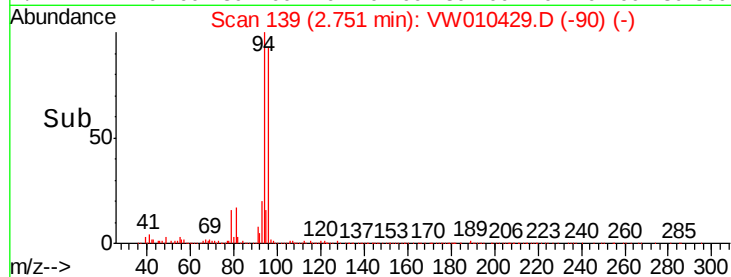
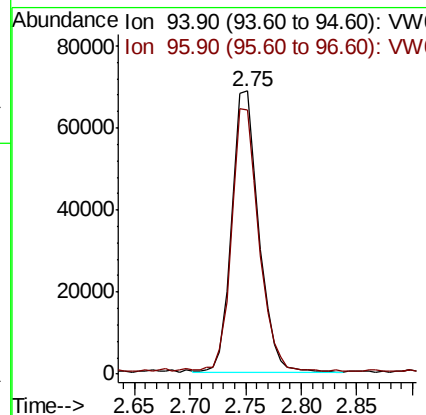
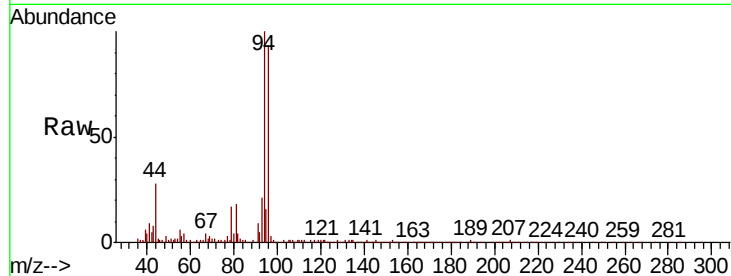
VW0517SBSD01

Tgt Ion: 94 Resp: 114820

Ion Ratio Lower Upper

94 100

96 93.1 75.8 113.6



#6

Chloroethane

Concen: 20.076 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.00 min

Lab File: VW010429.D

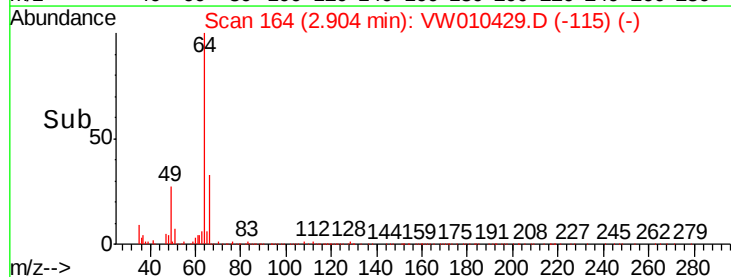
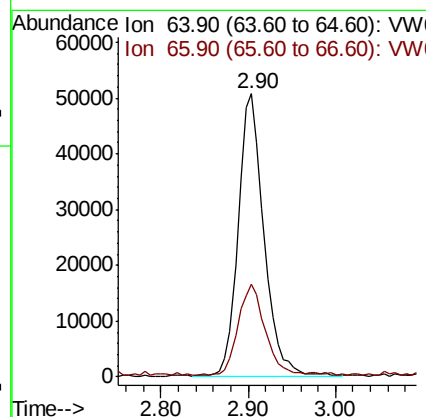
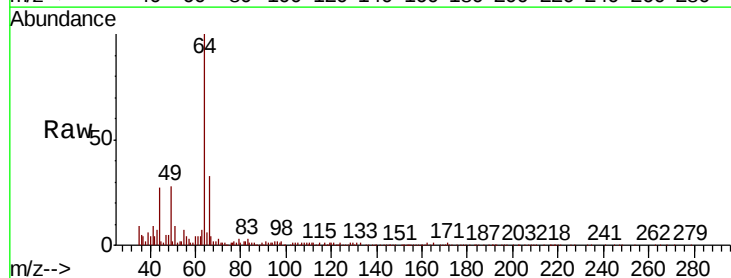
Acq: 18 May 2019 00:31

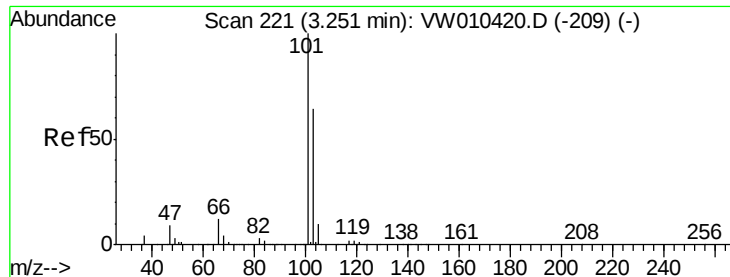
Tgt Ion: 64 Resp: 103382

Ion Ratio Lower Upper

64 100

66 32.4 23.6 35.4



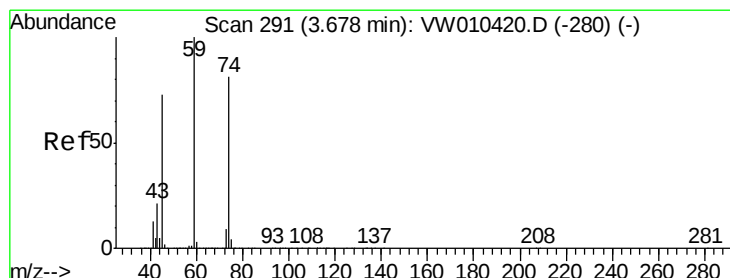
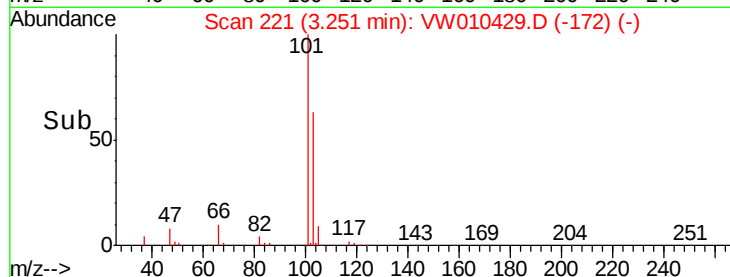
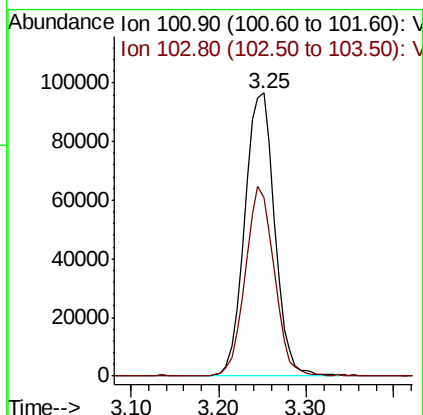
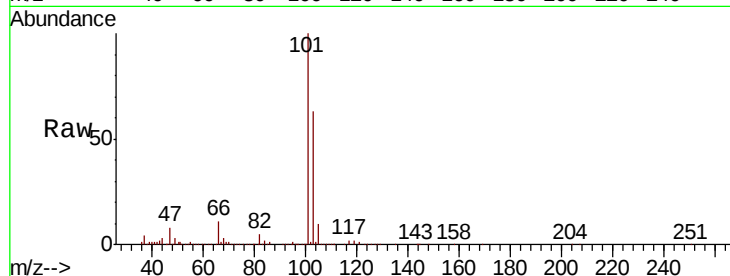


#7

Trichlorofluoromethane
 Concen: 20.032 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
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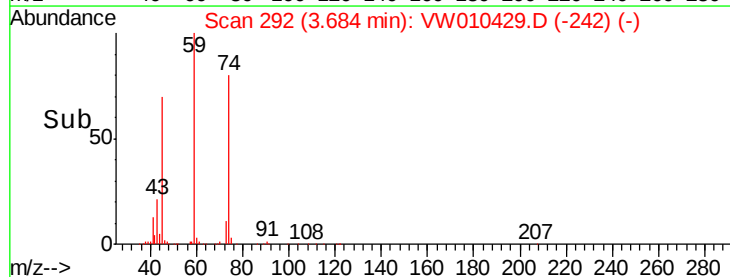
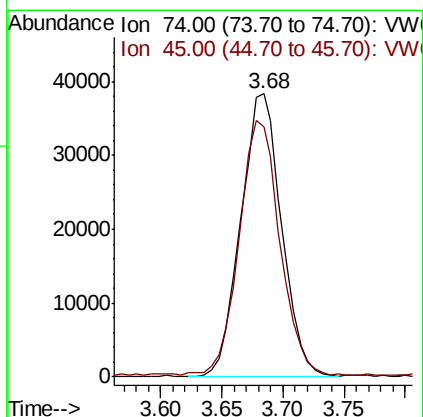
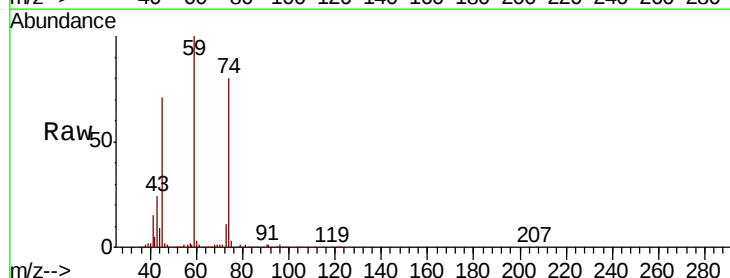
Tgt Ion: 101 Resp: 229514
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0

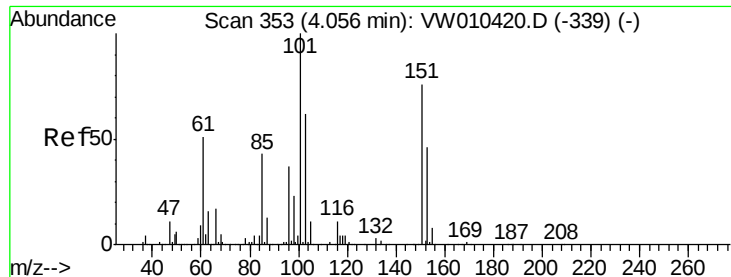


#8

Diethyl Ether
 Concen: 21.779 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 74 Resp: 88756
 Ion Ratio Lower Upper
 74 100
 45 89.5 43.4 130.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.553 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

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VW0517SBS01

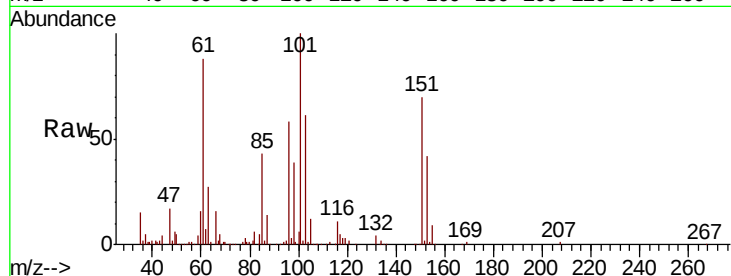
Tgt Ion:101 Resp: 142584

Ion Ratio Lower Upper

101 100

85 45.0 34.3 51.5

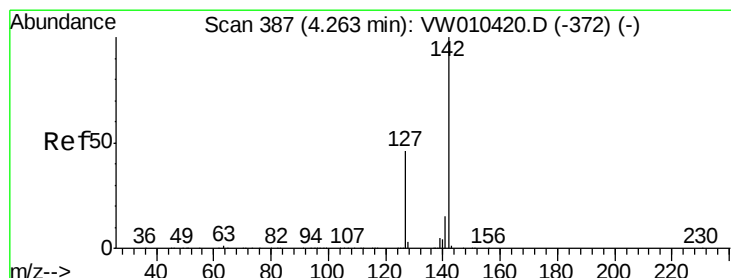
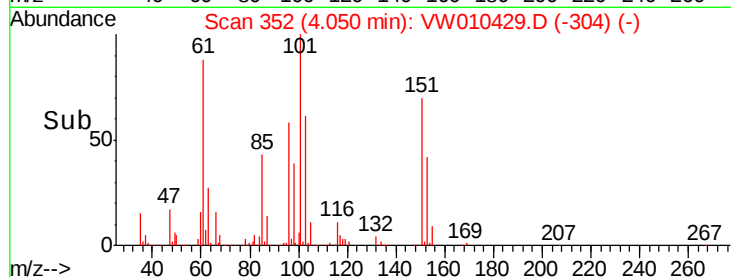
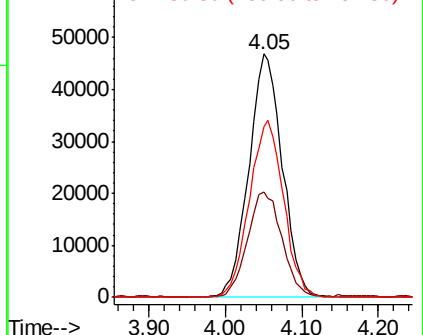
151 74.0 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.144 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

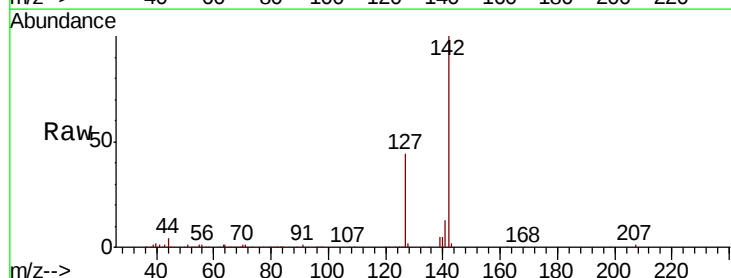
Tgt Ion:142 Resp: 156120

Ion Ratio Lower Upper

142 100

127 45.1 35.4 53.2

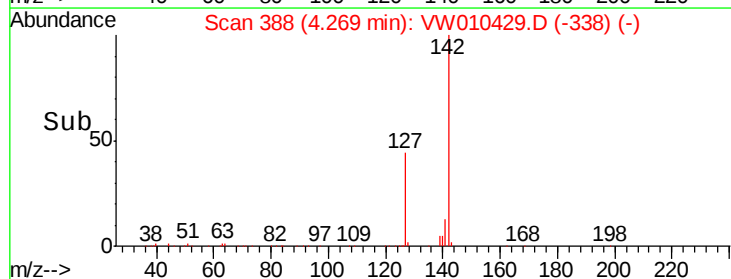
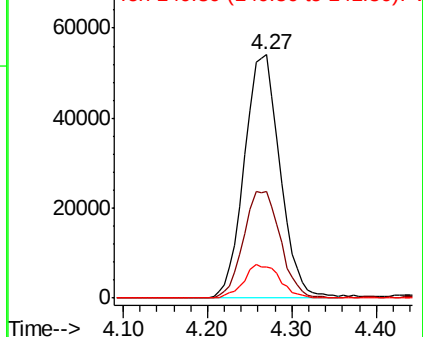
141 14.1 11.4 17.2

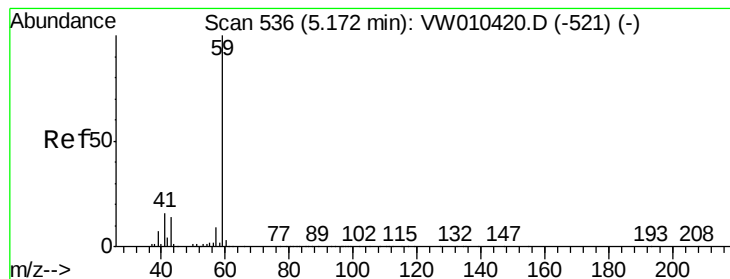


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



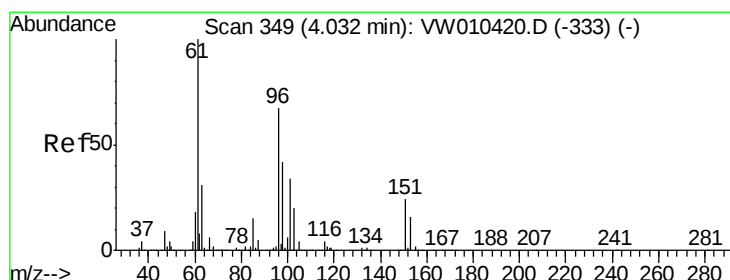
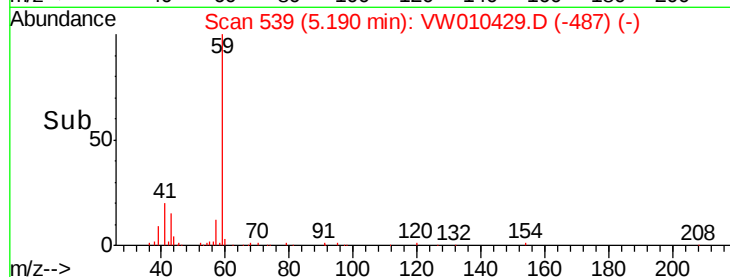
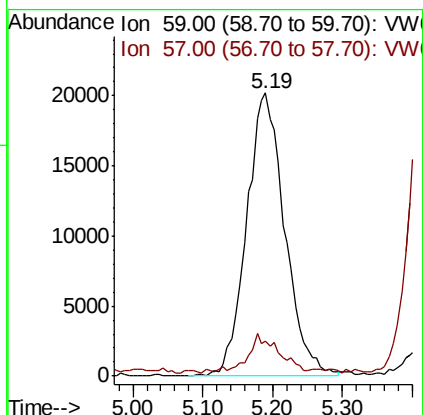
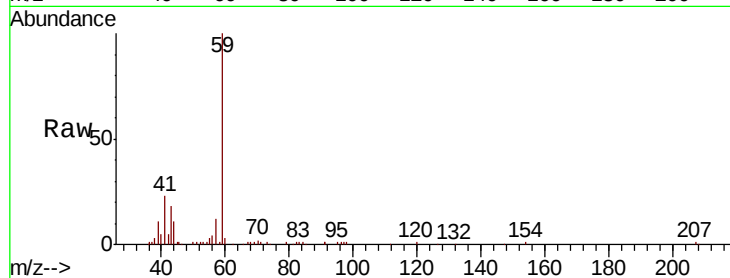


#11

Tert butyl alcohol
 Concen: 111.435 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

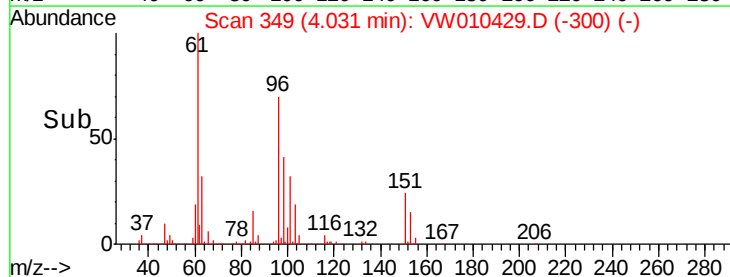
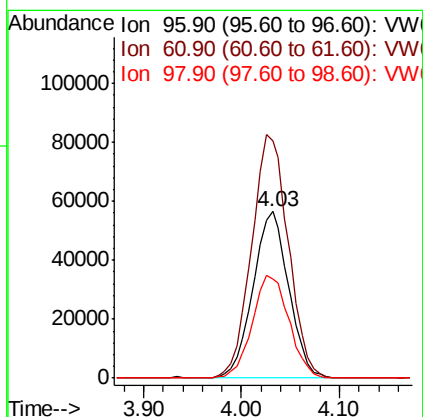
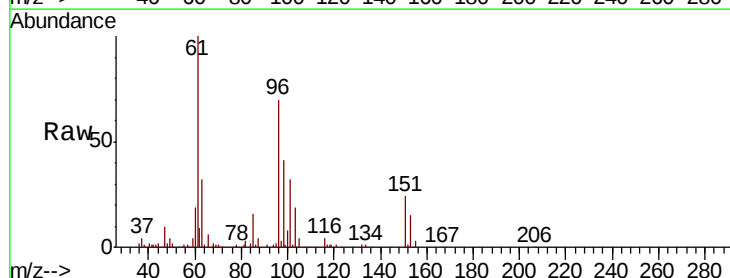
Tgt Ion: 59 Resp: 76444
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.4 12.6

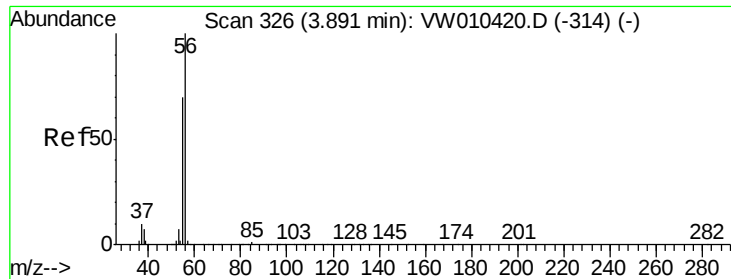


#12

1,1-Dichloroethene
 Concen: 20.668 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 96 Resp: 142134
 Ion Ratio Lower Upper
 96 100
 61 142.8 120.3 180.5
 98 59.2 50.7 76.1

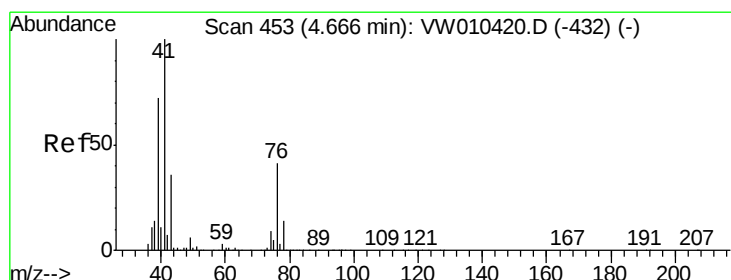
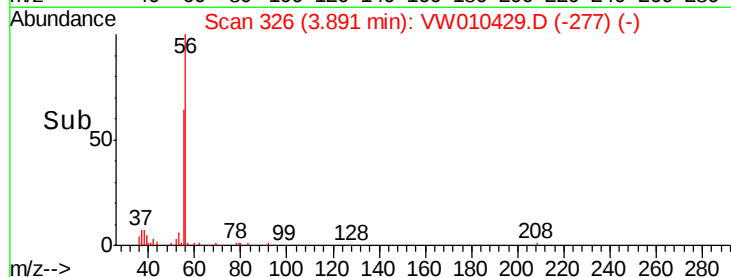
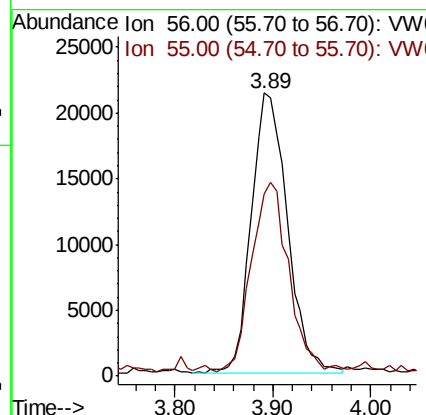
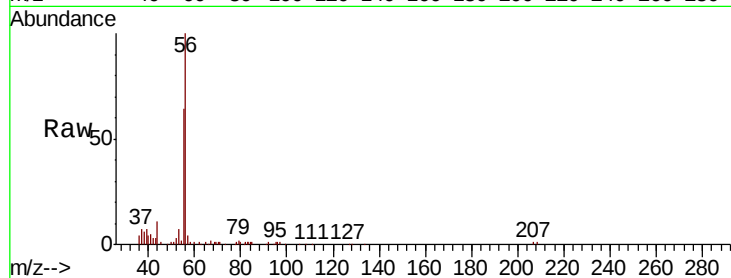




#13
Acrolein
Concen: 105.705 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

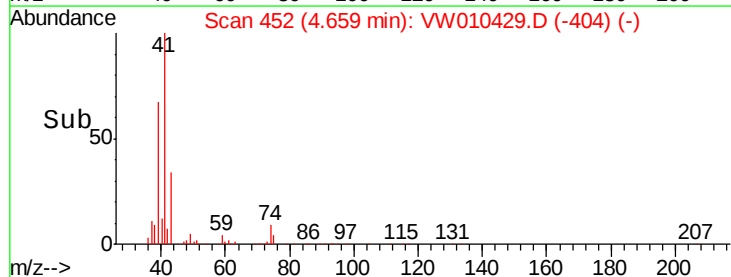
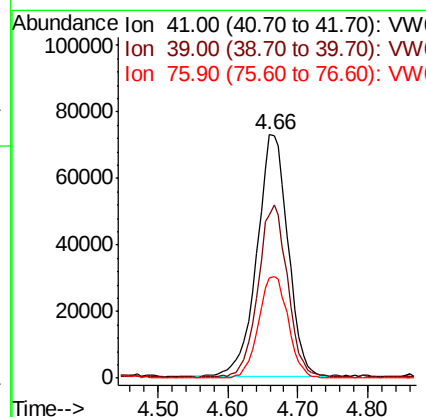
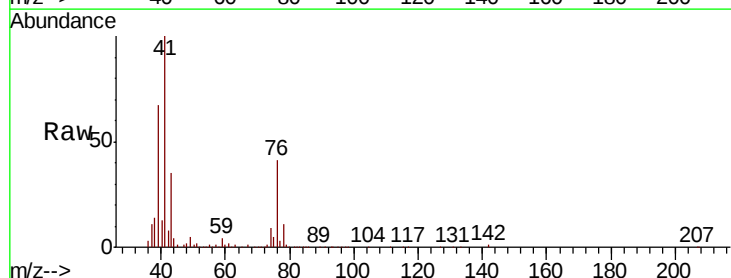
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

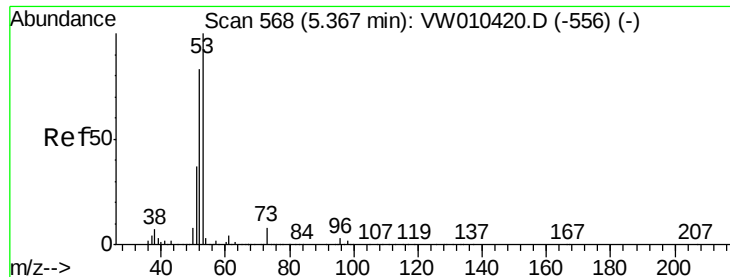
Tgt Ion: 56 Resp: 55066
Ion Ratio Lower Upper
56 100
55 68.8 57.6 86.4



#14
Allyl chloride
Concen: 20.984 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 41 Resp: 223852
Ion Ratio Lower Upper
41 100
39 68.3 54.9 82.3
76 40.3 31.8 47.6





#15

Acrylonitrile

Concen: 113.045 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

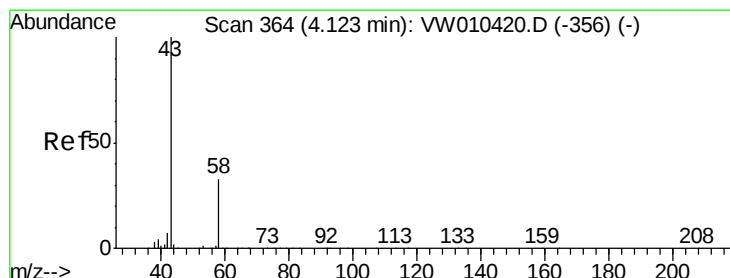
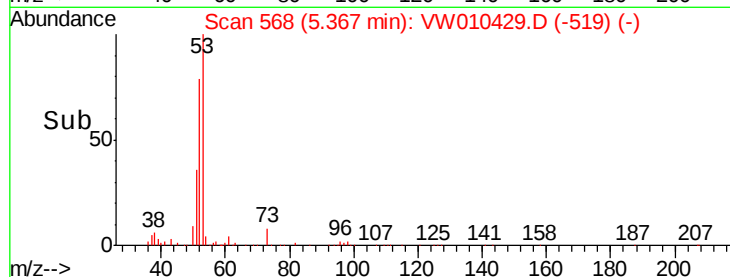
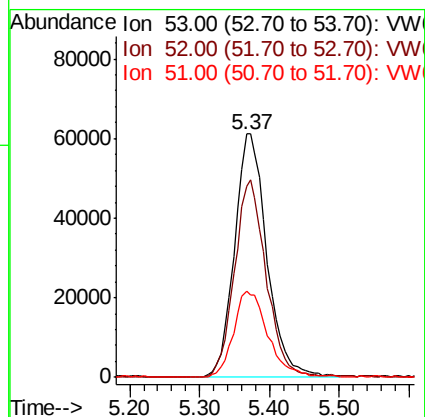
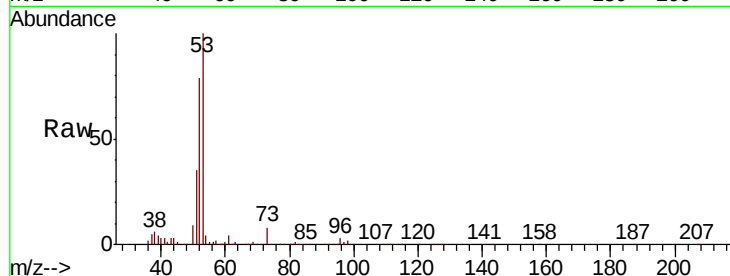
Tgt Ion: 53 Resp: 196973

Ion Ratio Lower Upper

53 100

52 79.2 63.9 95.9

51 37.2 29.5 44.3



#16

Acetone

Concen: 109.633 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010429.D

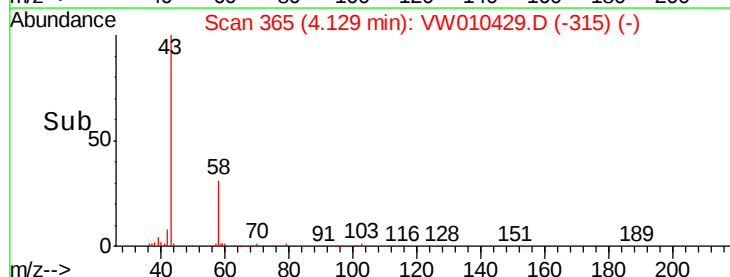
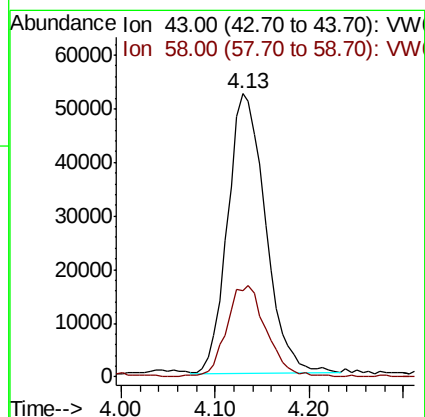
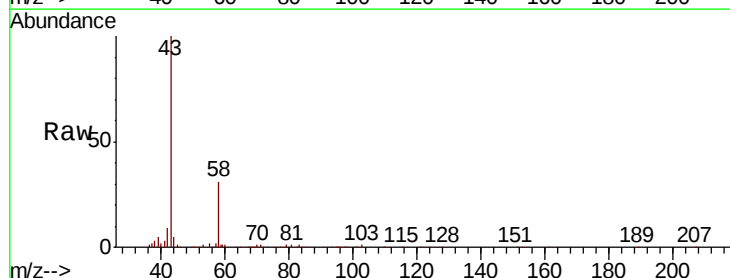
Acq: 18 May 2019 00:31

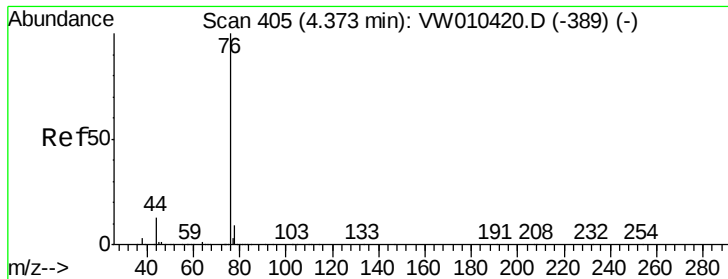
Tgt Ion: 43 Resp: 146049

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0





#17

Carbon Disulfide

Concen: 20.256 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

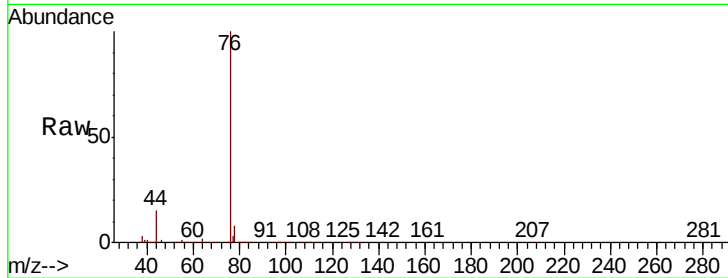
VW0517SBSD01

Tgt Ion: 76 Resp: 397772

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

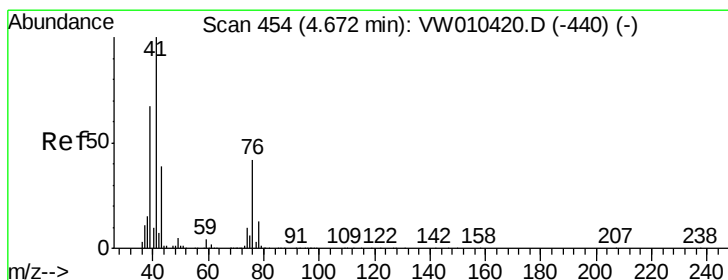
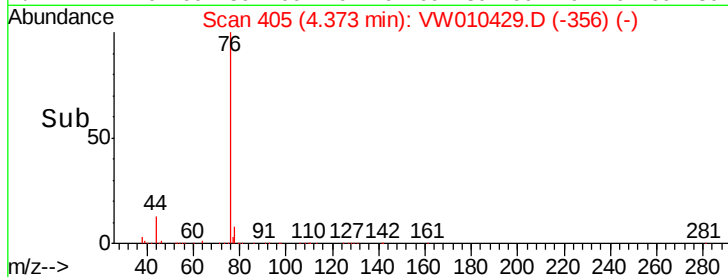
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 24.212 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010429.D

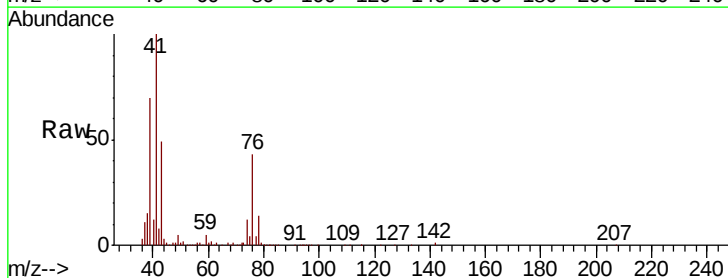
Acq: 18 May 2019 00:31

Tgt Ion: 43 Resp: 100797

Ion Ratio Lower Upper

43 100

74 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

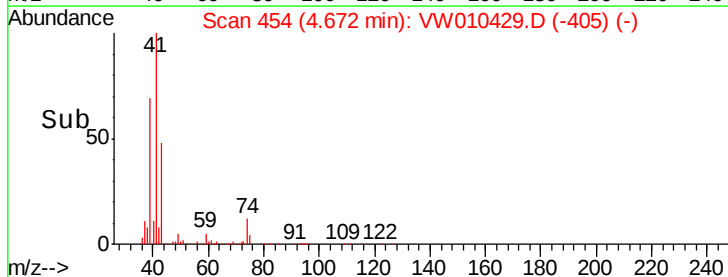
30000

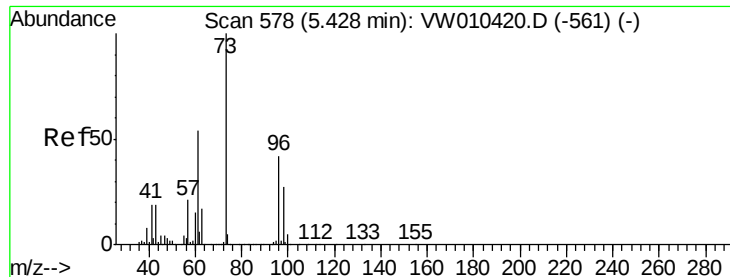
20000

10000

0

Time-->



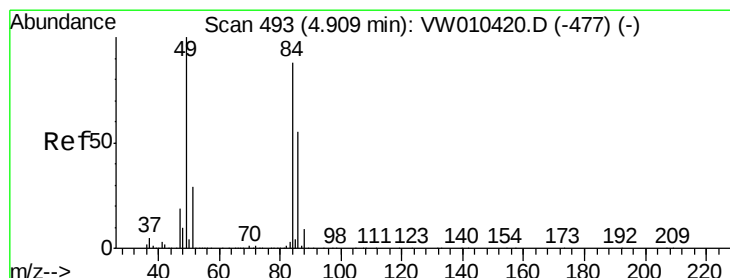
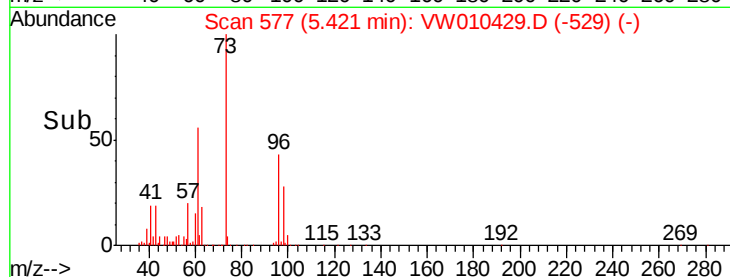
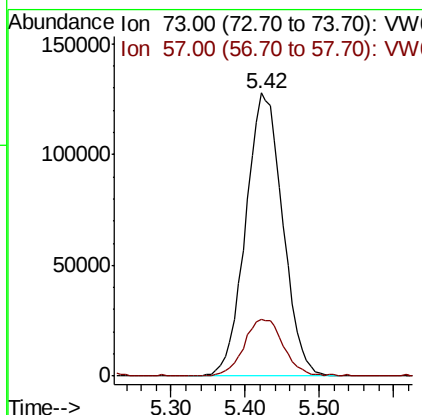
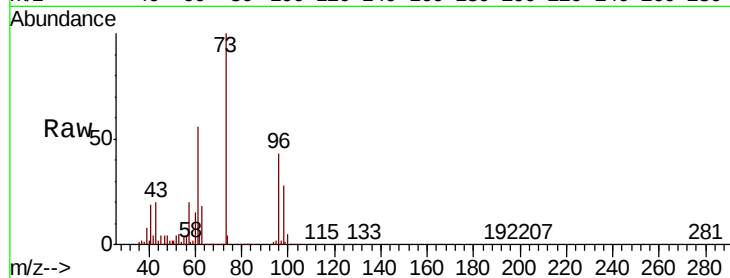


#19

Methyl tert-butyl Ether
 Concen: 22.544 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

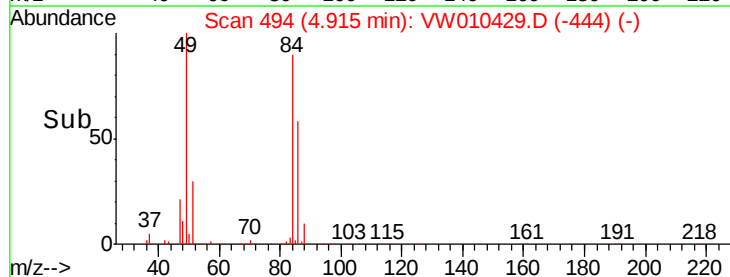
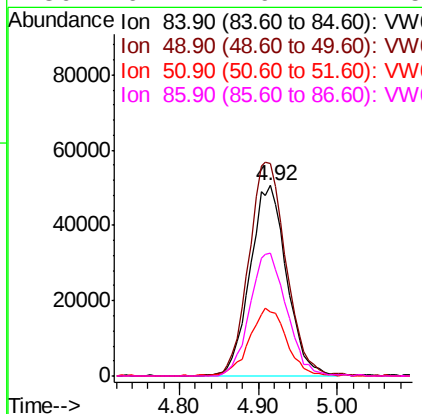
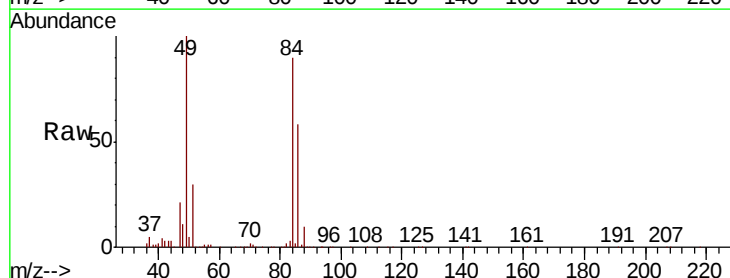
Tgt Ion: 73 Resp: 444678
 Ion Ratio Lower Upper
 73 100
 57 19.8 17.0 25.4

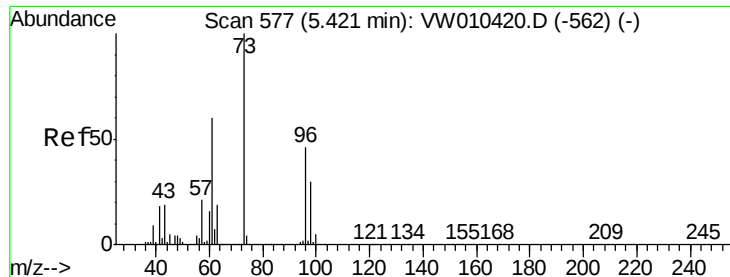


#20

Methylene Chloride
 Concen: 21.091 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 84 Resp: 162879
 Ion Ratio Lower Upper
 84 100
 49 111.3 90.6 135.8
 51 33.6 26.6 40.0
 86 64.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 21.476 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

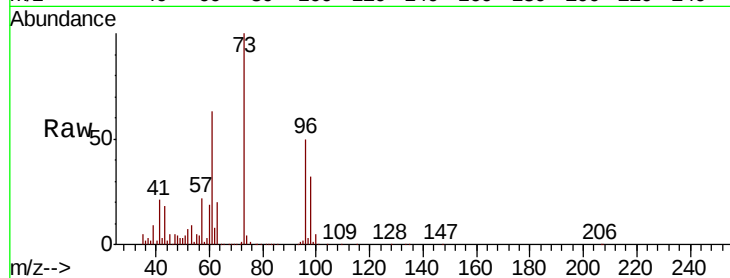
Tgt Ion: 96 Resp: 172255

Ion Ratio Lower Upper

96 100

61 124.5 103.9 155.9

98 63.6 51.5 77.3

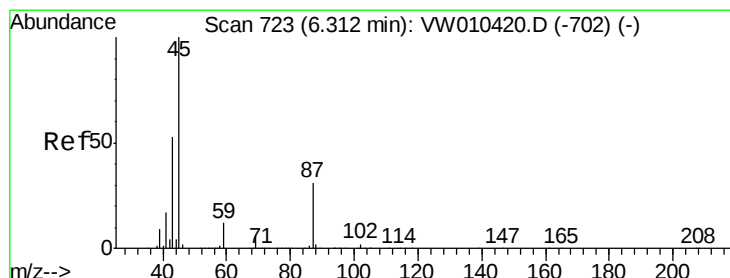
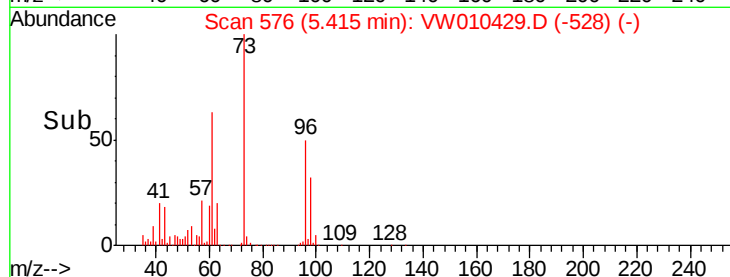
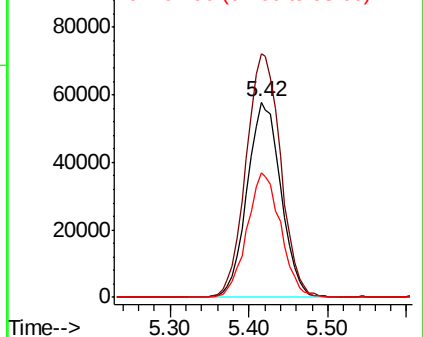


Abundance

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: 21.732 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Tgt Ion: 45 Resp: 494778

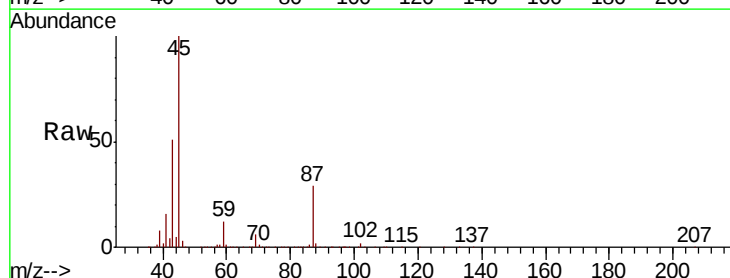
Ion Ratio Lower Upper

45 100

43 50.7 42.0 63.0

87 29.1 25.0 37.6

59 12.0 9.7 14.5



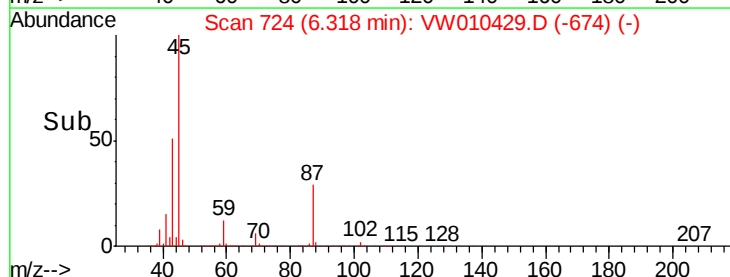
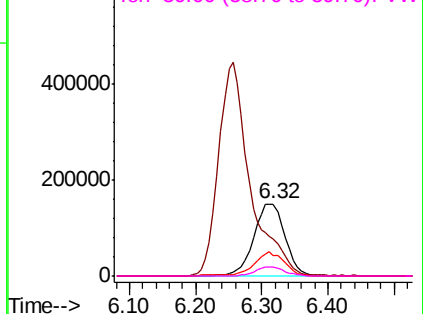
Abundance

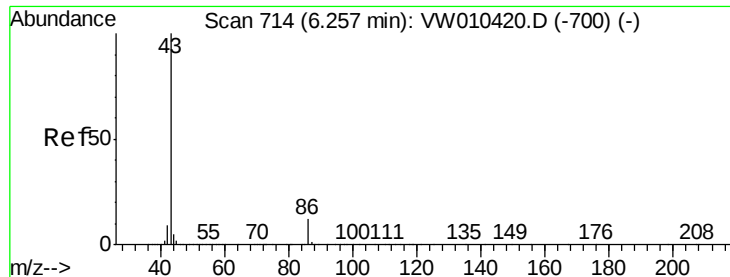
Ion 45.00 (44.70 to 45.70): VW

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: 103.921 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

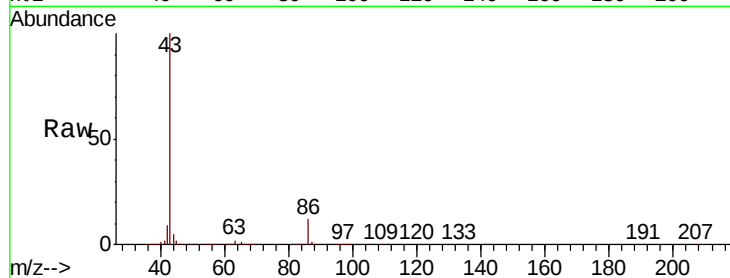
VW0517SBSD01

Tgt Ion: 43 Resp: 1475925

Ion Ratio Lower Upper

43 100

86 12.0 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

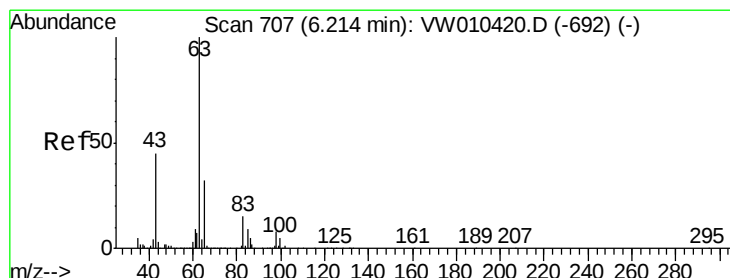
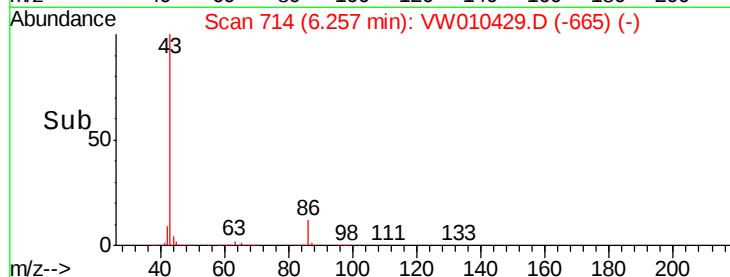
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.630 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

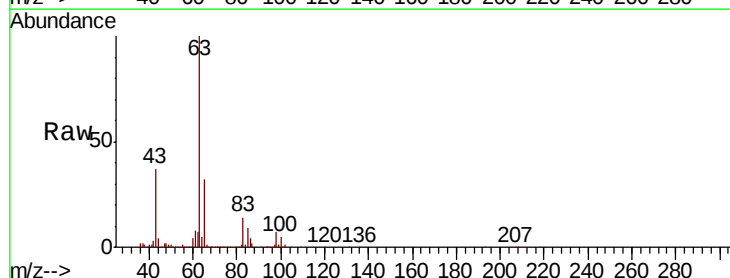
Tgt Ion: 63 Resp: 285100

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

100 5.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

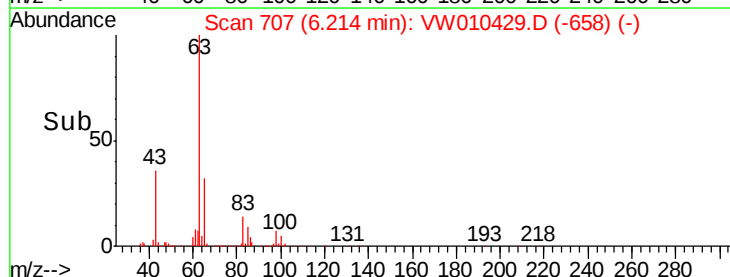
60000

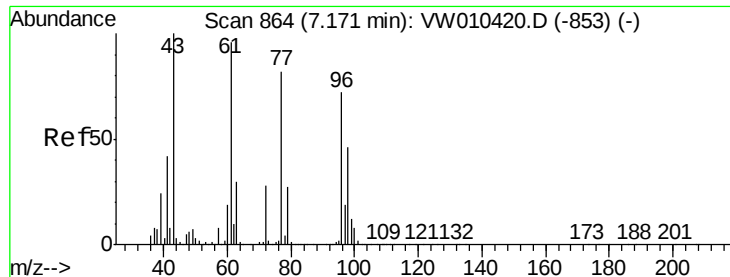
40000

20000

0

Time-->





#25

2-Butanone

Concen: 114.837 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

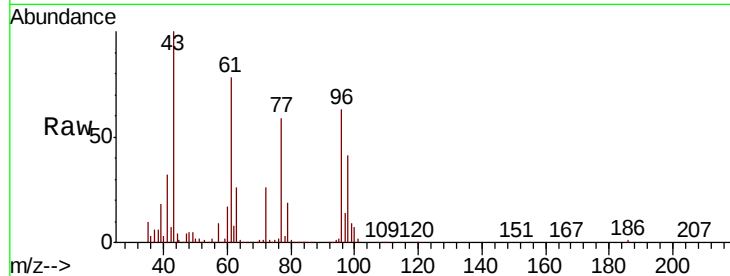
VW0517SBS01

Tgt Ion: 43 Resp: 260780

Ion Ratio Lower Upper

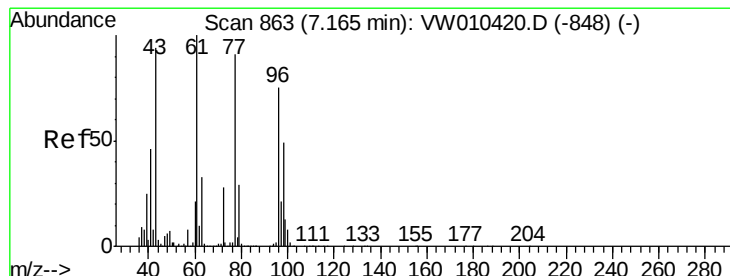
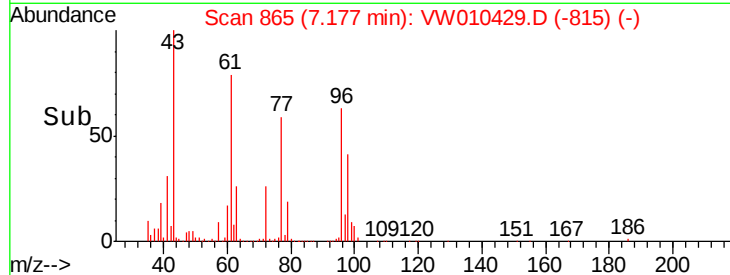
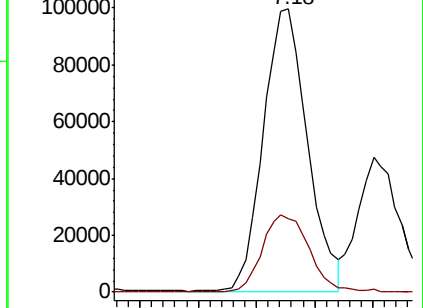
43 100

72 25.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 17.640 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010429.D

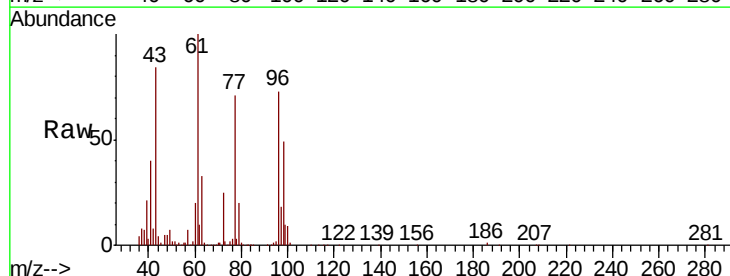
Acq: 18 May 2019 00:31

Tgt Ion: 77 Resp: 209816

Ion Ratio Lower Upper

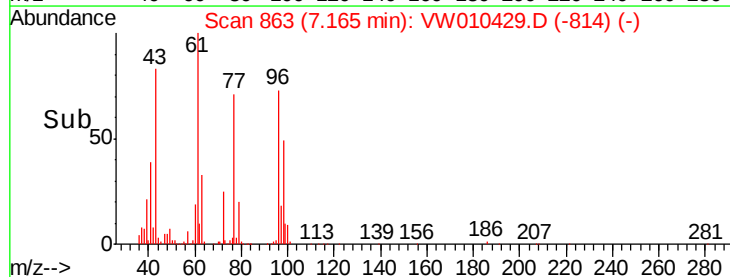
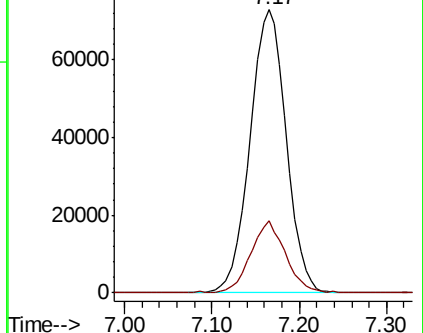
77 100

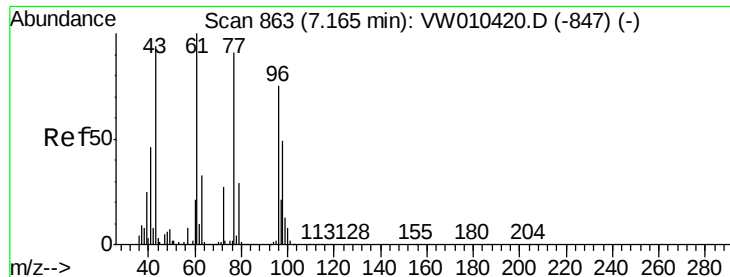
97 24.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



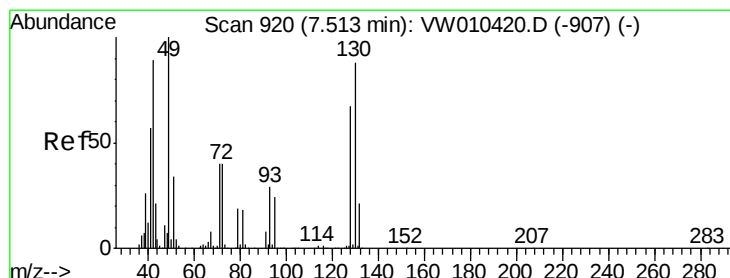
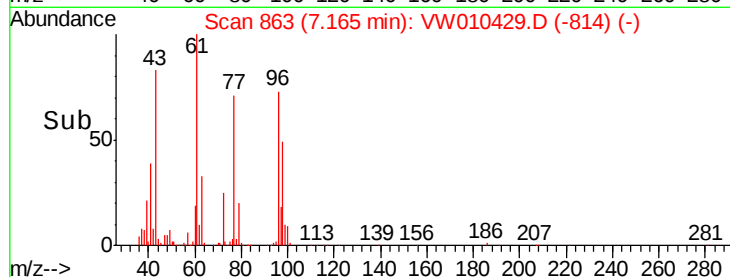
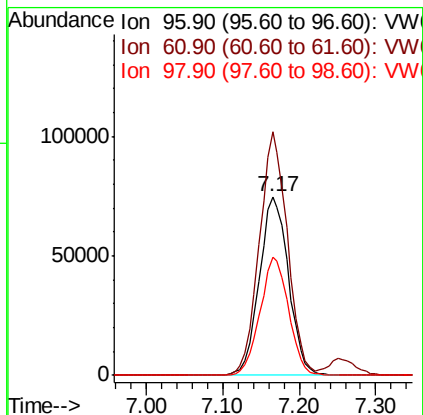
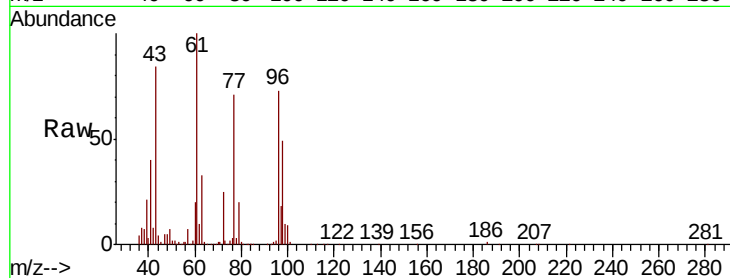


#27

cis-1,2-Dichloroethene
 Concen: 22.085 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

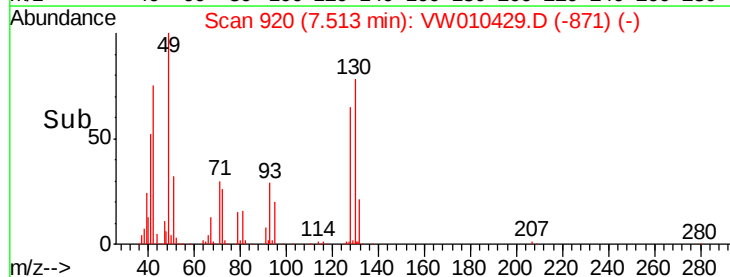
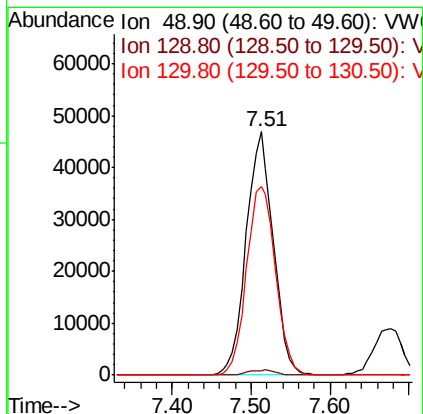
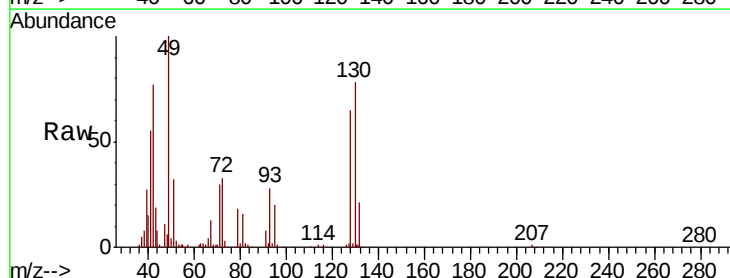
Tgt Ion: 96 Resp: 198653
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 266.4
 98 65.1 0.0 129.6

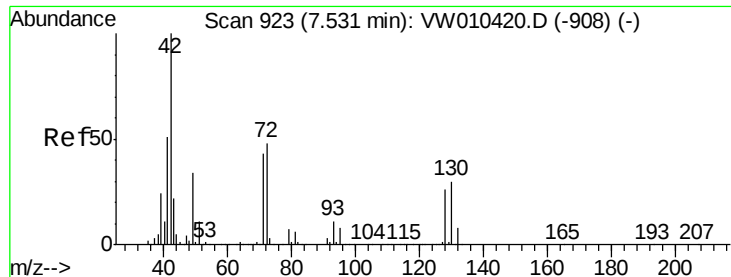


#28

Bromochloromethane
 Concen: 22.619 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 49 Resp: 112011
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 82.8 68.2 102.4





#29

Tetrahydrofuran

Concen: 115.654 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

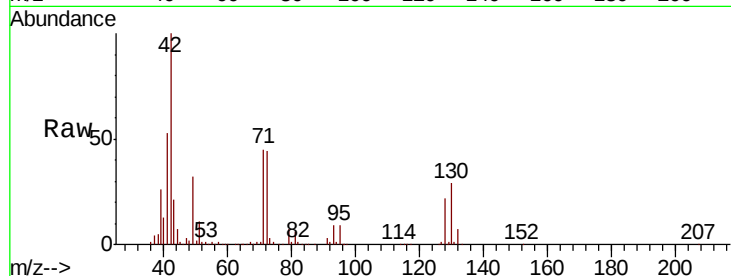
Tgt Ion: 42 Resp: 177731

Ion Ratio Lower Upper

42 100

72 46.4 38.2 57.2

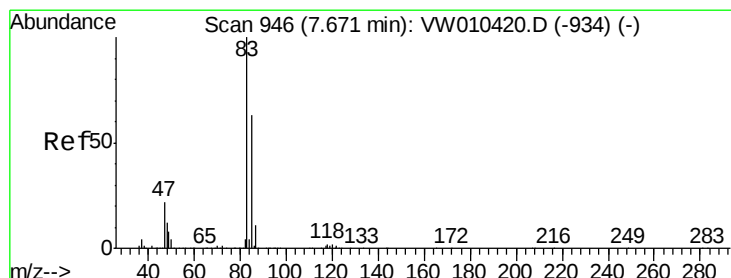
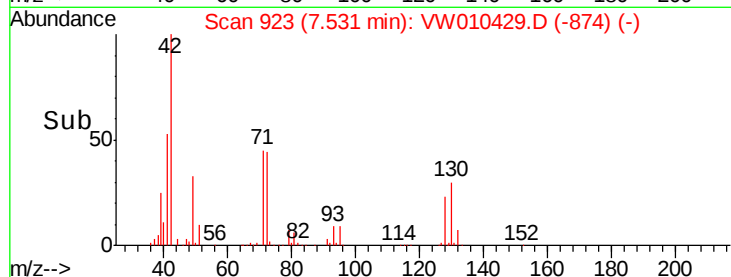
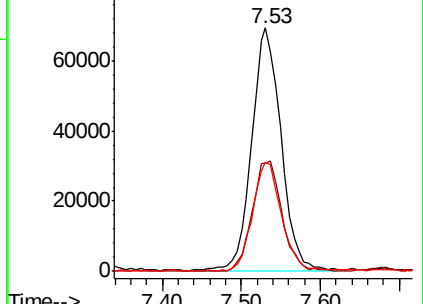
71 44.0 36.0 54.0



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 22.359 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010429.D

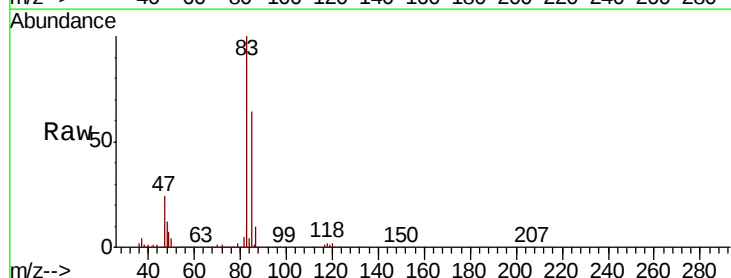
Acq: 18 May 2019 00:31

Tgt Ion: 83 Resp: 309967

Ion Ratio Lower Upper

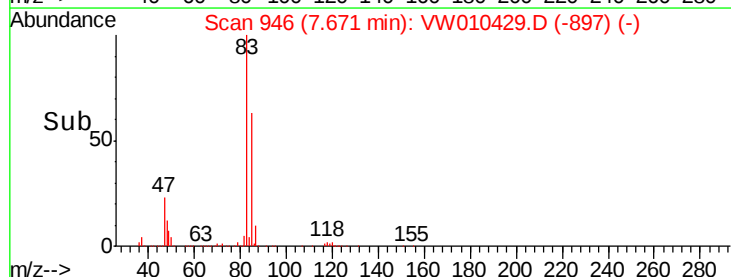
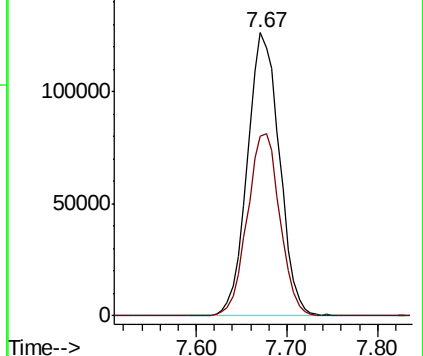
83 100

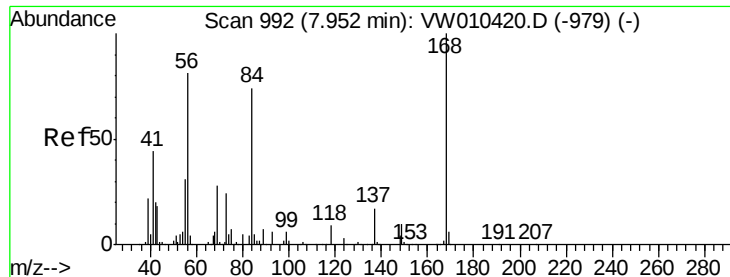
85 63.5 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

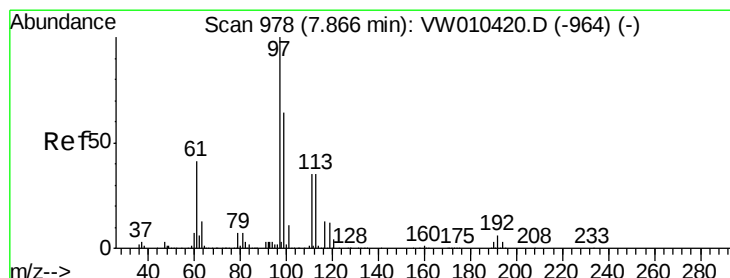
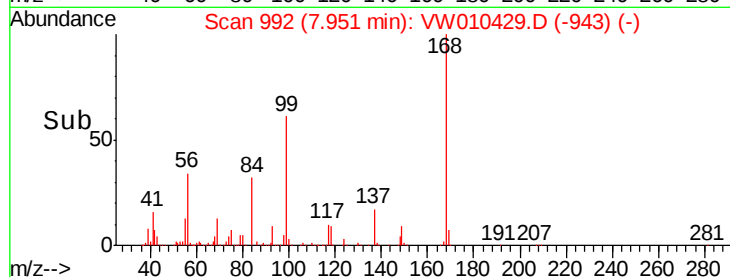
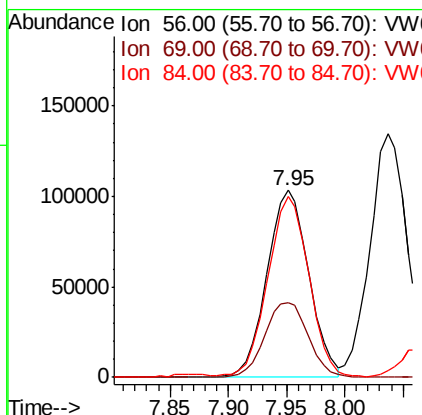
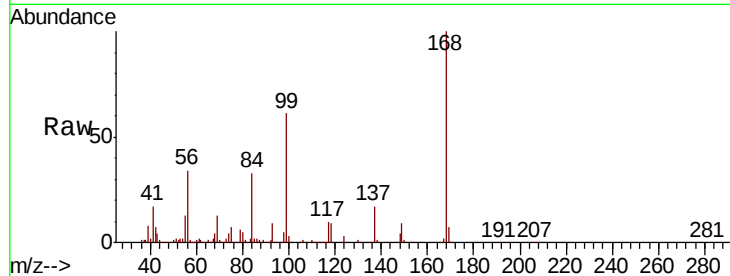




#31
Cyclohexane
Concen: 19.711 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

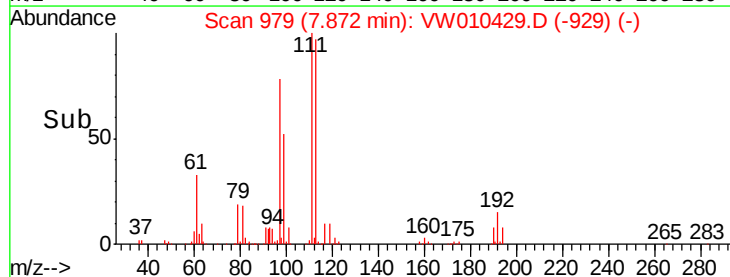
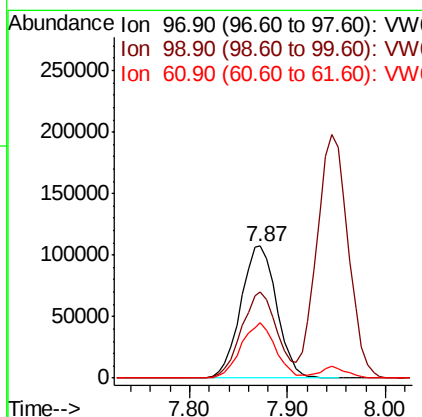
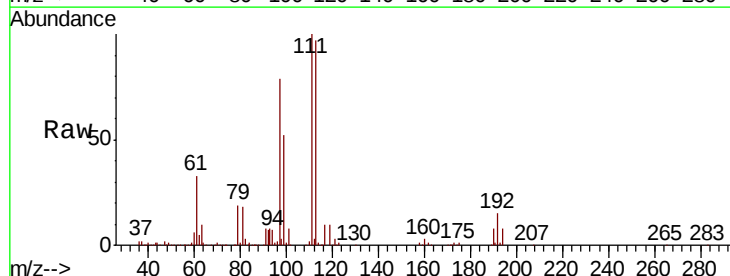
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

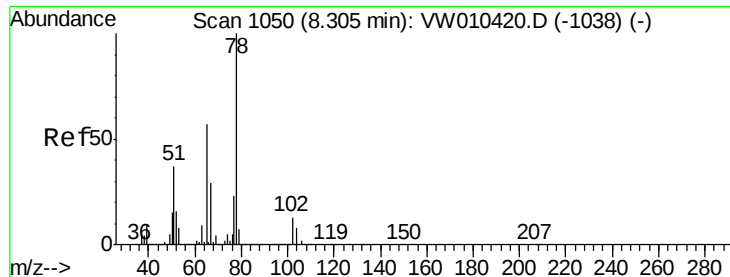
Tgt Ion: 56 Resp: 257233
Ion Ratio Lower Upper
56 100
69 39.7 27.6 41.4
84 95.1 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 20.906 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 97 Resp: 273280
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 40.6 32.0 48.0

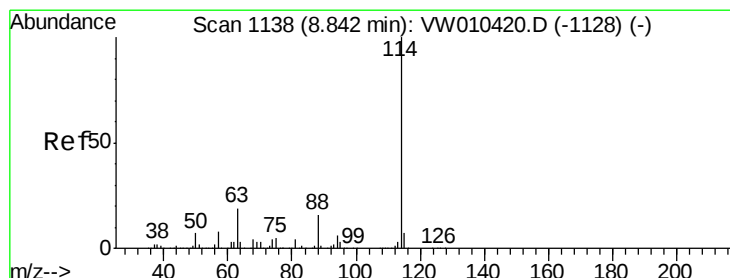
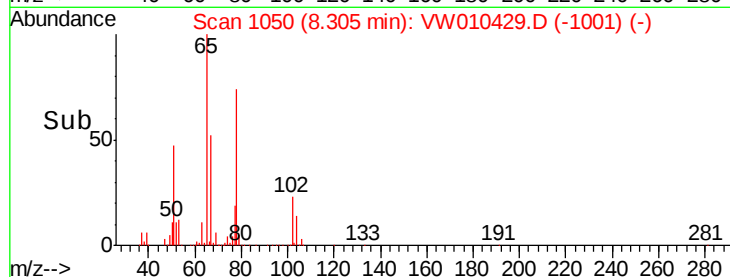
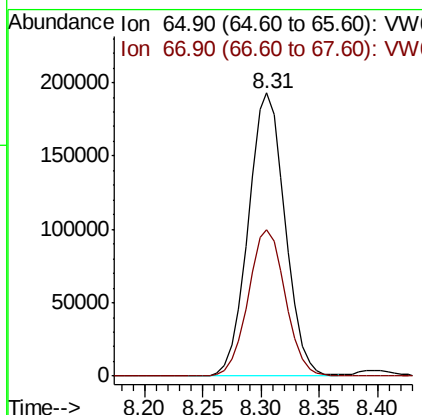
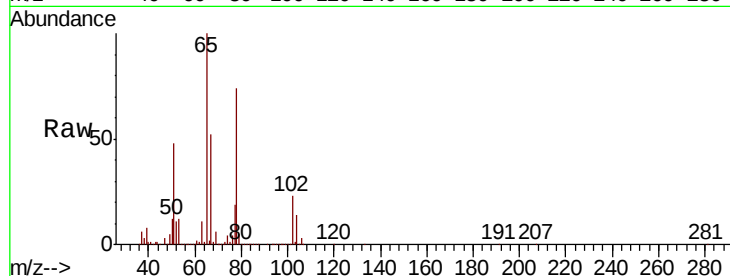




#33
 1,2-Dichloroethane-d4
 Concen: 56.079 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

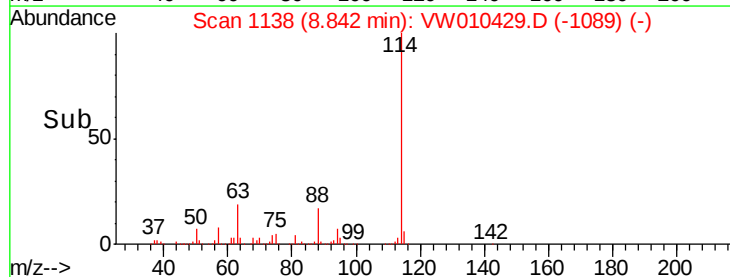
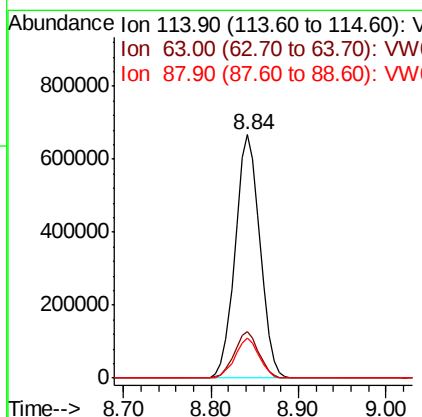
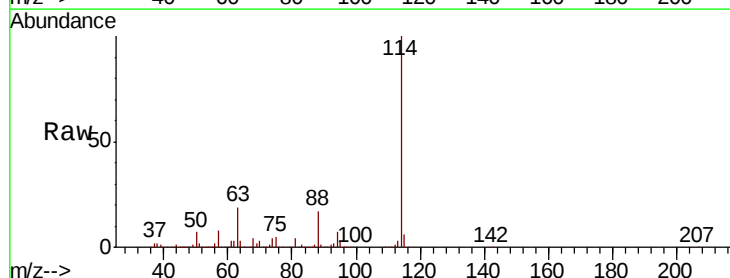
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

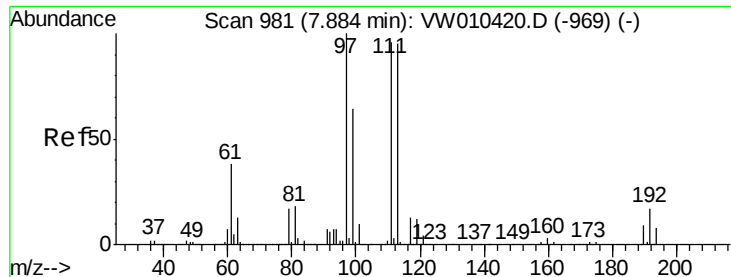
Tgt Ion: 65 Resp: 424105
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 114 Resp: 1313647
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 16.6 0.0 31.6

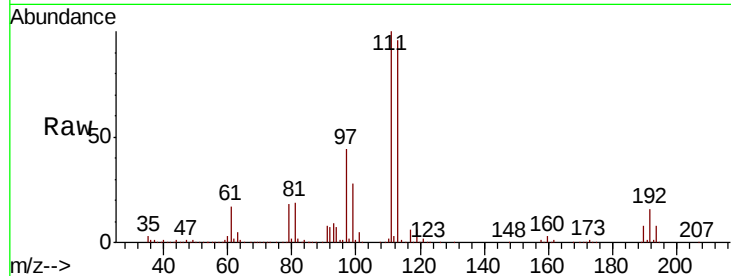




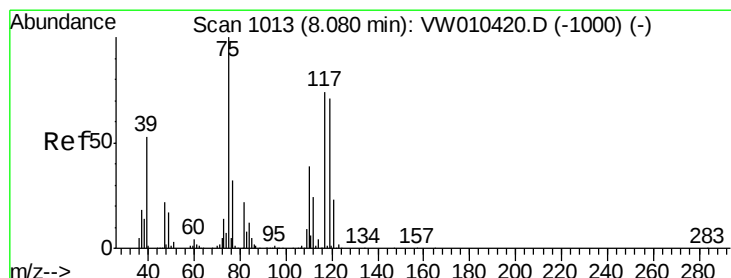
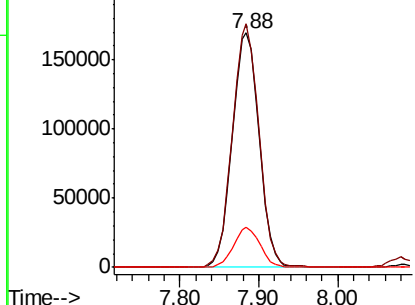
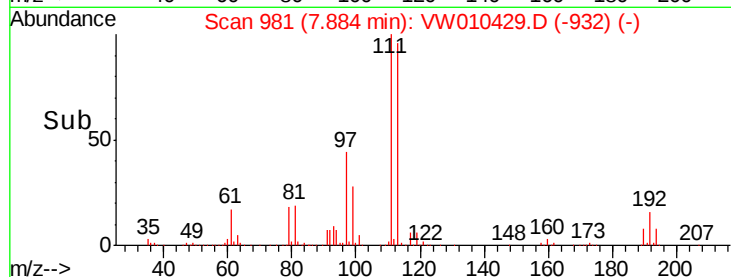
#35
 Dibromofluoromethane
 Concen: 49.483 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.5	123.7
192	17.0	14.2	21.4

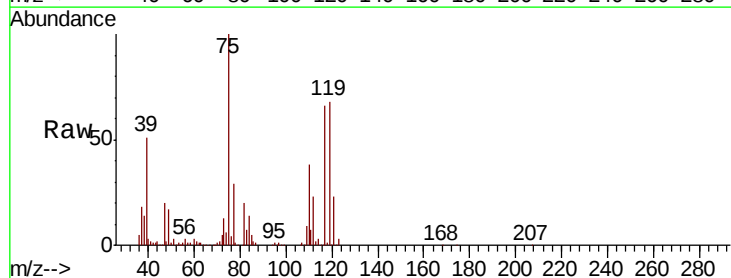


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

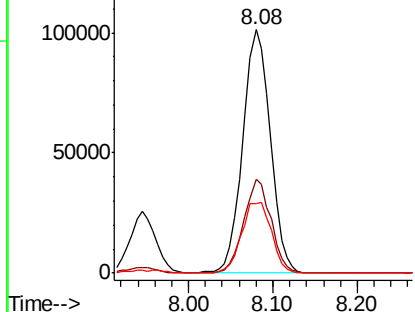
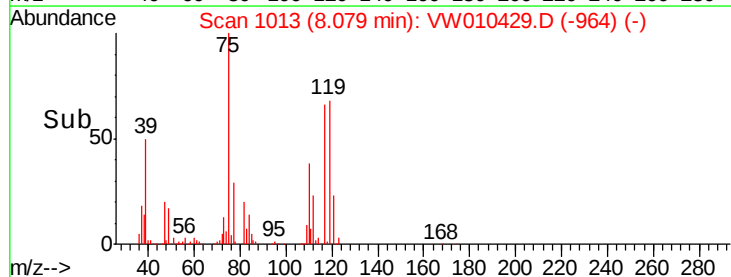


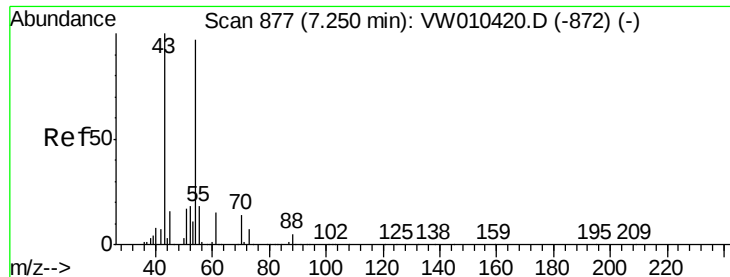
#36
 1,1-Dichloropropene
 Concen: 19.211 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.4	58.1
77	31.4	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

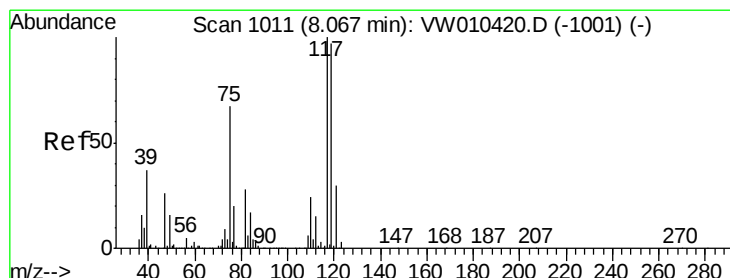
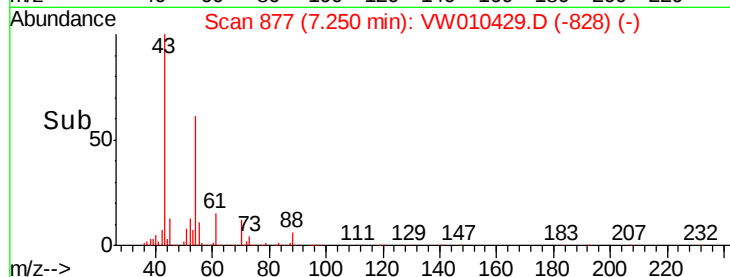
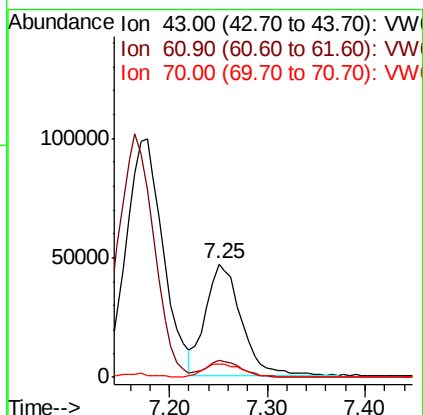
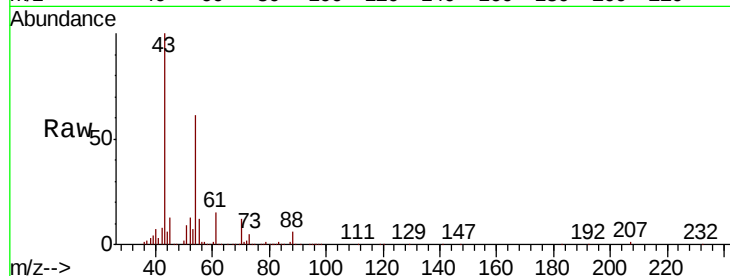




#37
Ethyl Acetate
Concen: 21.211 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

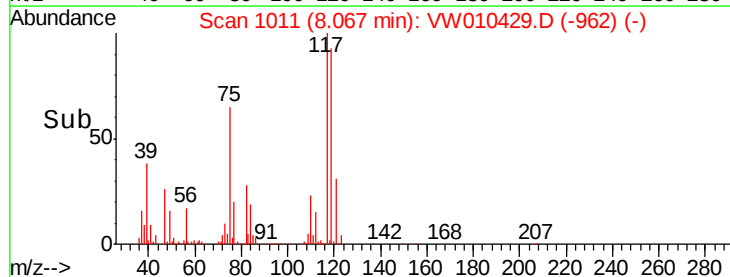
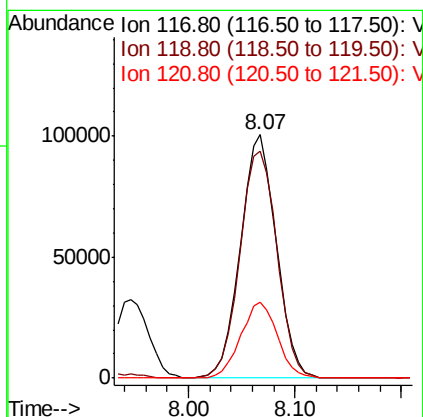
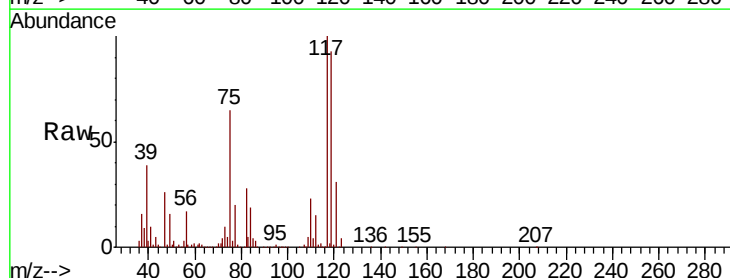
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

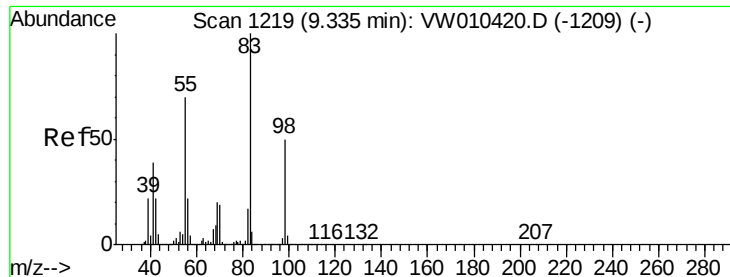
Tgt Ion: 43 Resp: 118356
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 117 Resp: 238145
Ion Ratio Lower Upper
117 100
119 93.1 77.8 116.6
121 31.3 24.2 36.2

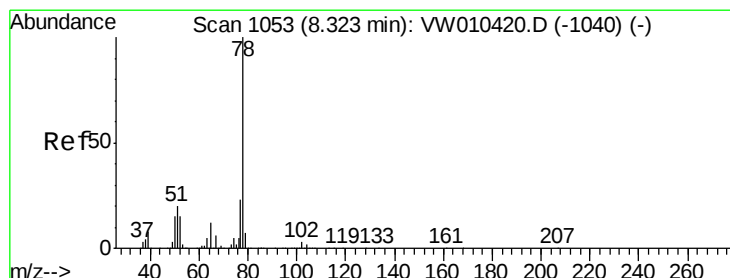
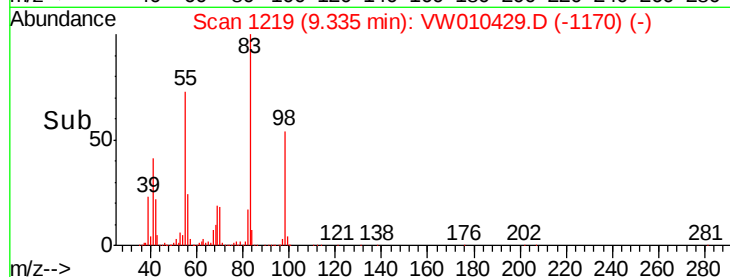
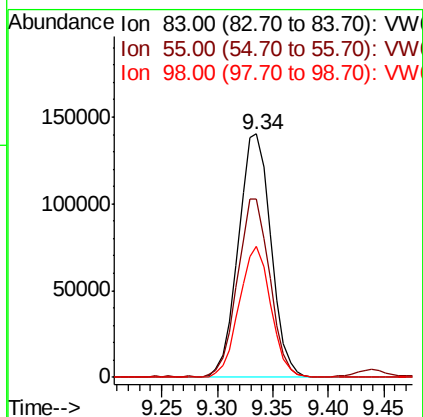
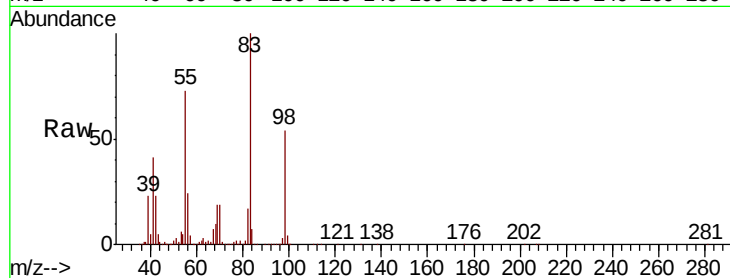




#39
Methylcyclohexane
Concen: 18.345 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

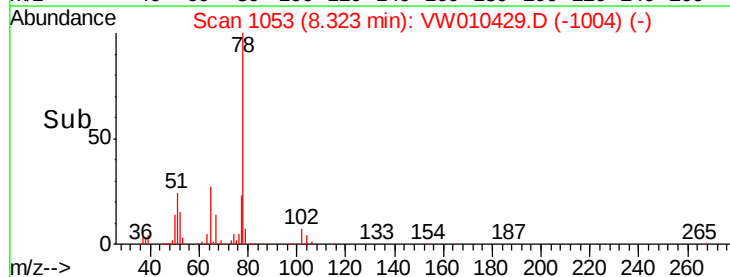
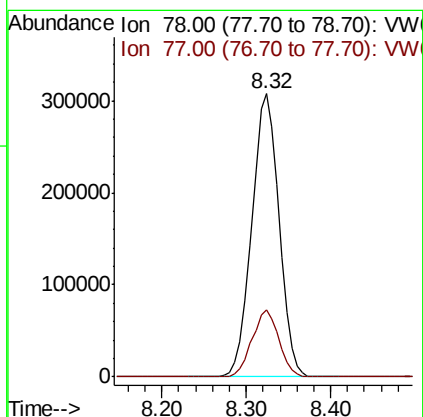
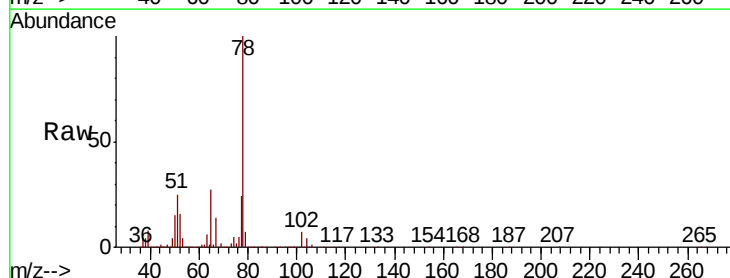
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

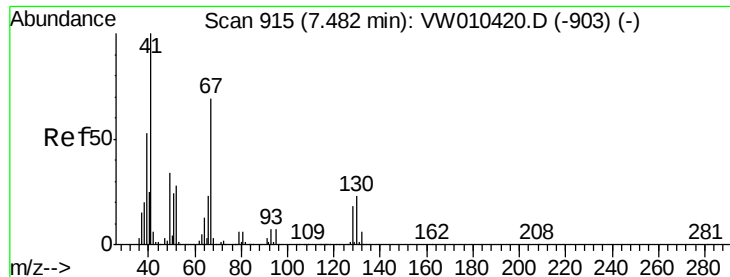
Tgt Ion: 83 Resp: 284906
Ion Ratio Lower Upper
83 100
55 72.8 55.7 83.5
98 53.9 40.2 60.4



#40
Benzene
Concen: 20.322 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 78 Resp: 674484
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1





#41

Methacrylonitrile

Concen: 19.854 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

Tgt Ion: 41 Resp: 66339

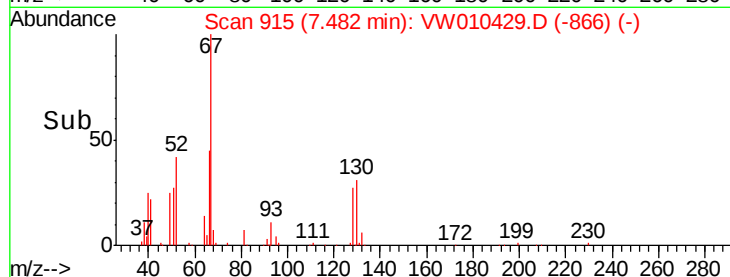
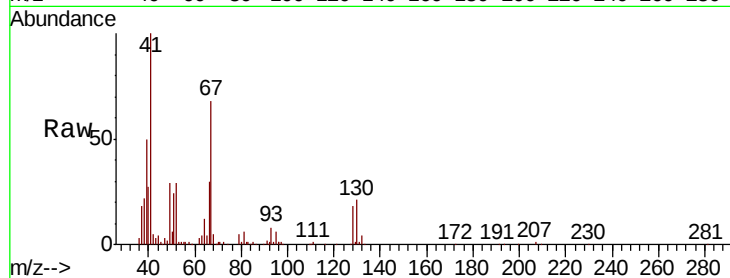
Ion Ratio Lower Upper

41 100

39 60.0 38.1 57.1#

67 79.3 55.5 83.3

52 32.1 22.1 33.1

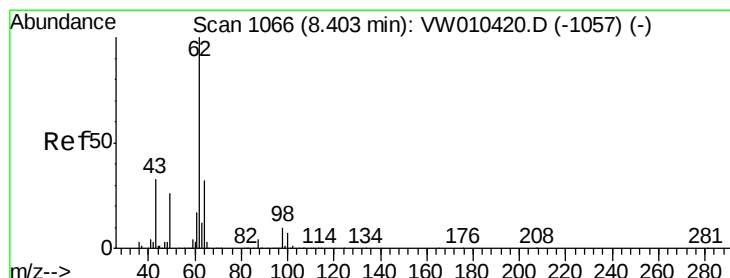
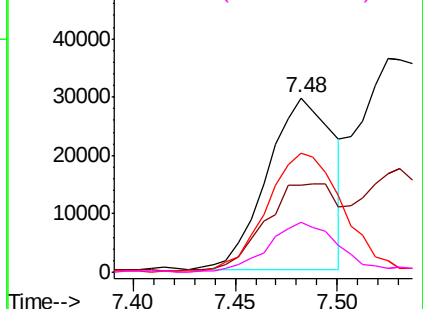


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.245 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW010429.D

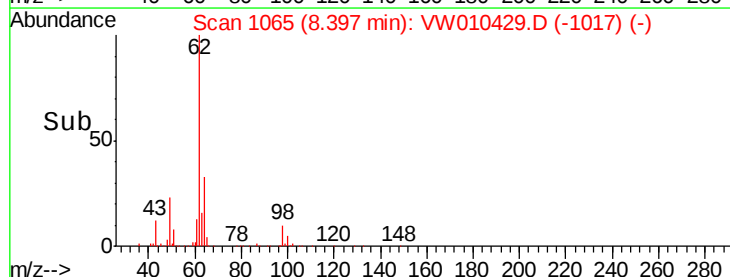
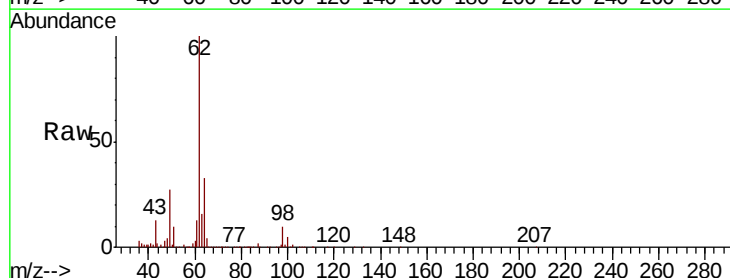
Acq: 18 May 2019 00:31

Tgt Ion: 62 Resp: 210095

Ion Ratio Lower Upper

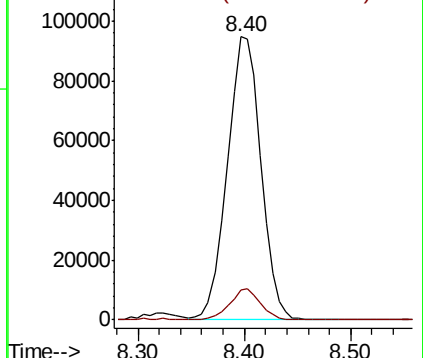
62 100

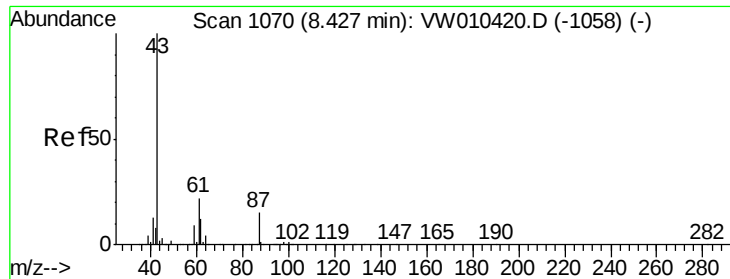
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.083 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

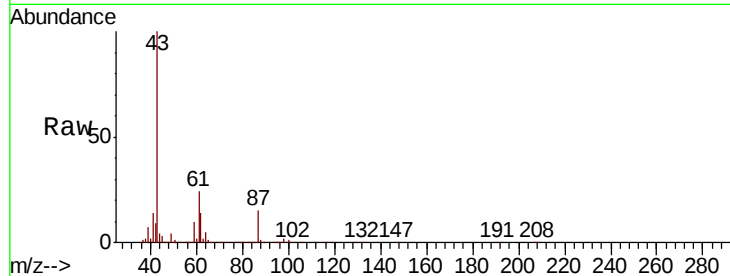
Tgt Ion: 43 Resp: 239574

Ion Ratio Lower Upper

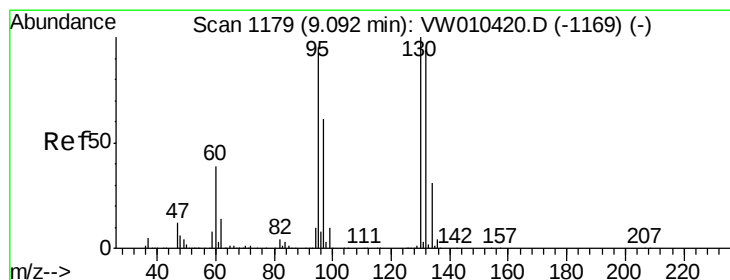
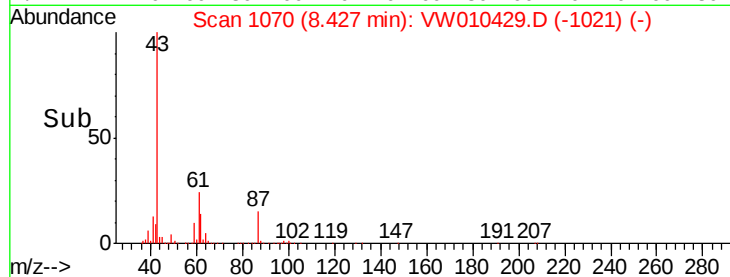
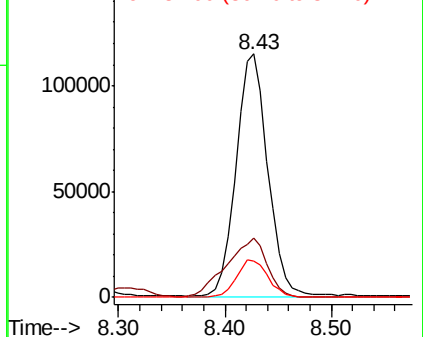
43 100

61 31.3 24.4 36.6

87 15.4 11.8 17.8



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



#44

Trichloroethene

Concen: 19.752 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010429.D

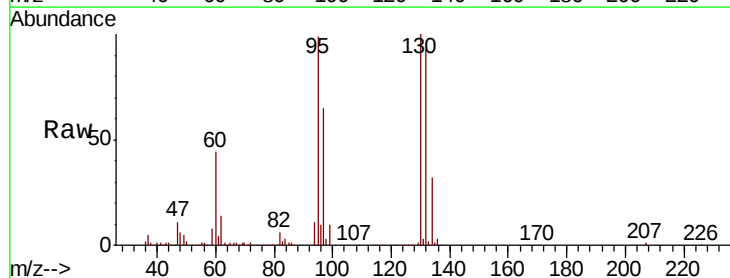
Acq: 18 May 2019 00:31

Tgt Ion: 130 Resp: 187825

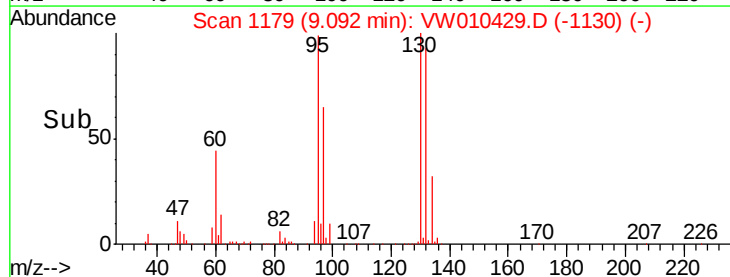
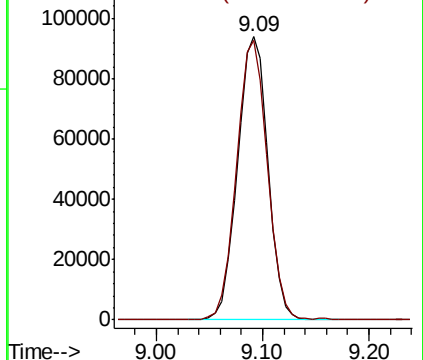
Ion Ratio Lower Upper

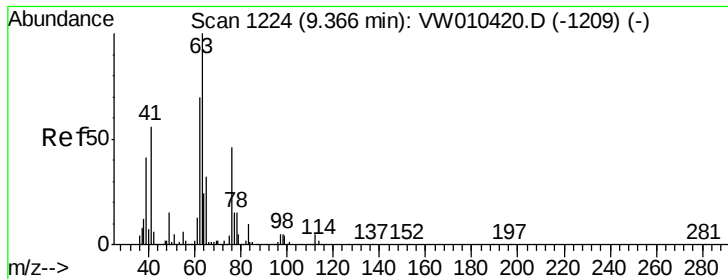
130 100

95 98.5 0.0 190.4



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





#45

1,2-Dichloropropane

Concen: 21.102 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

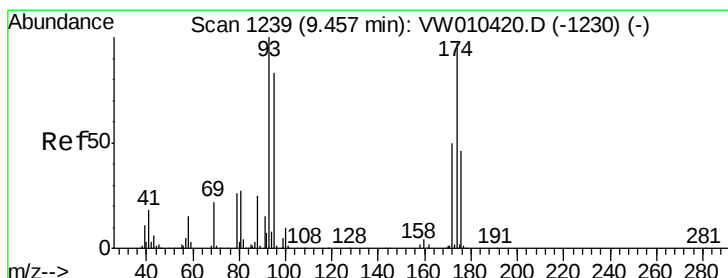
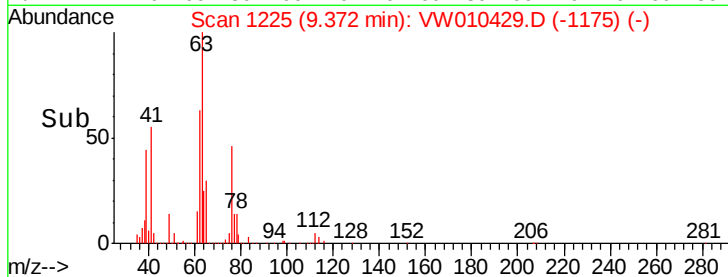
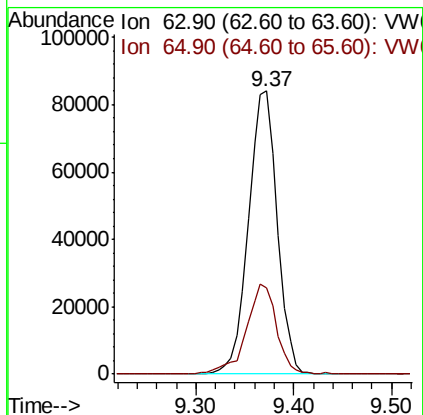
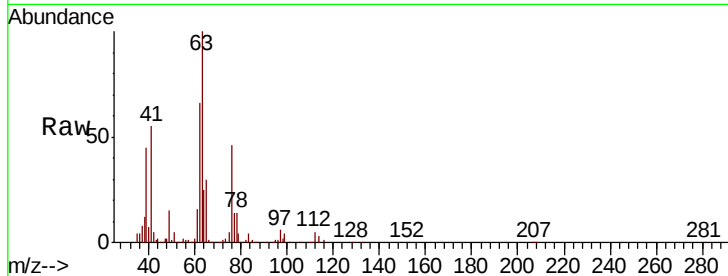
VW0517SBS01

Tgt Ion: 63 Resp: 171448

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 21.687 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

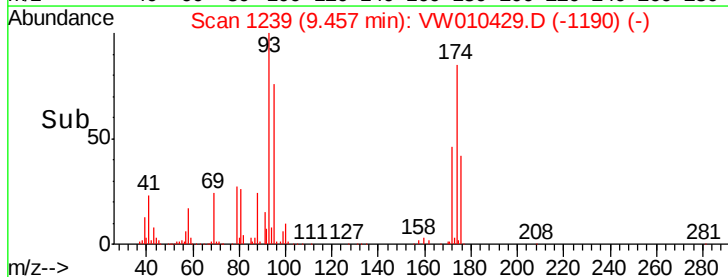
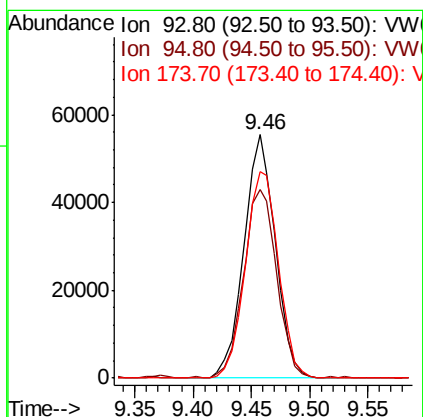
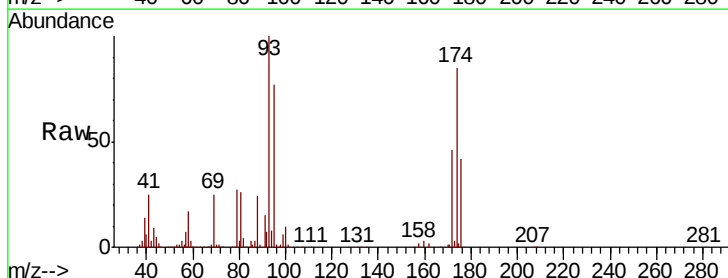
Tgt Ion: 93 Resp: 104089

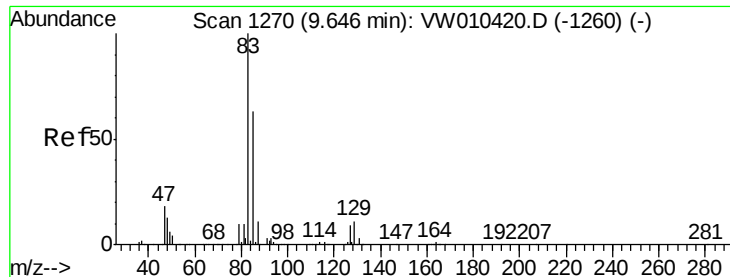
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 89.8 76.4 114.6





#47

Bromodichloromethane

Concen: 20.785 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampled :

VW0517SBS01

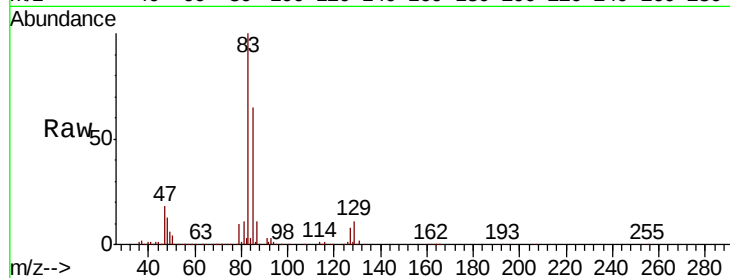
Tgt Ion: 83 Resp: 247888

Ion Ratio Lower Upper

83 100

85 65.0 50.0 75.0

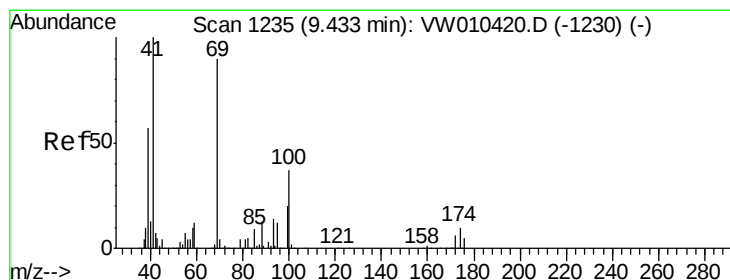
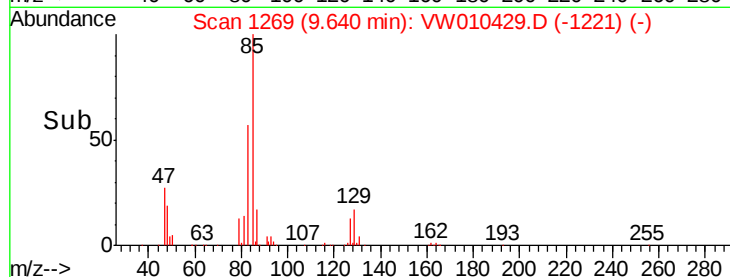
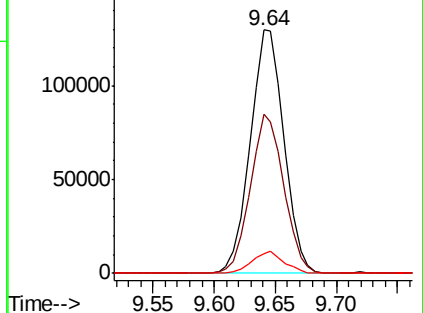
127 8.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.651 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

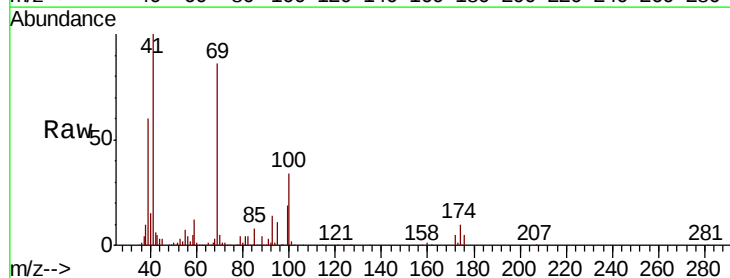
Tgt Ion: 41 Resp: 108130

Ion Ratio Lower Upper

41 100

69 95.9 75.2 112.8

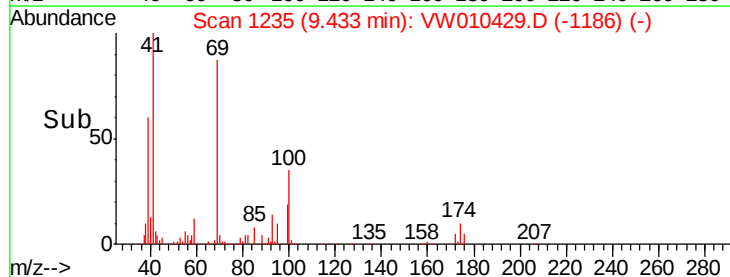
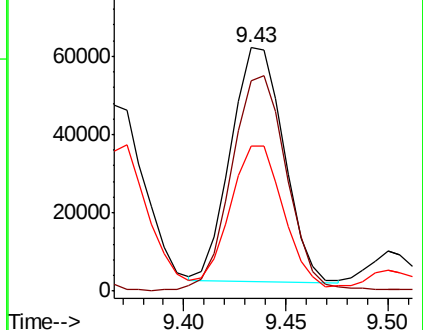
39 63.6 46.8 70.2

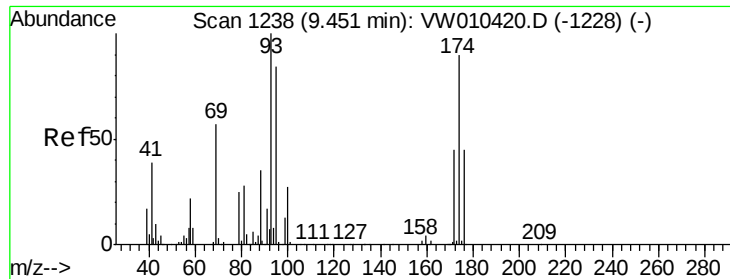


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 428.125 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

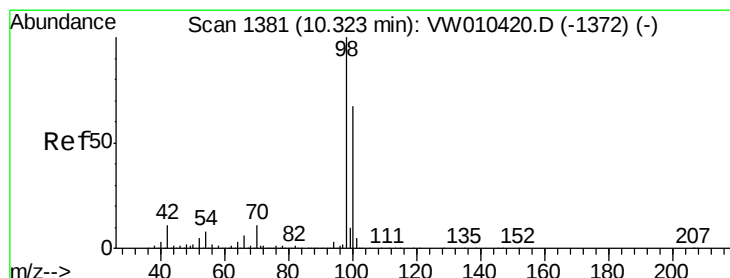
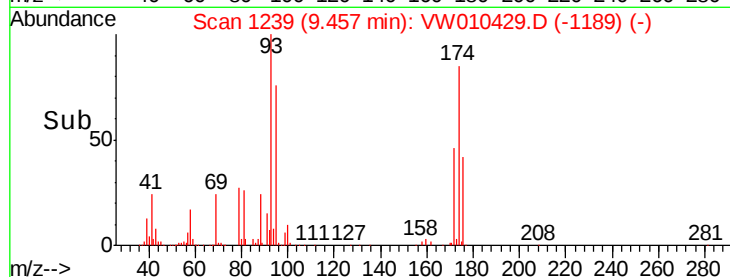
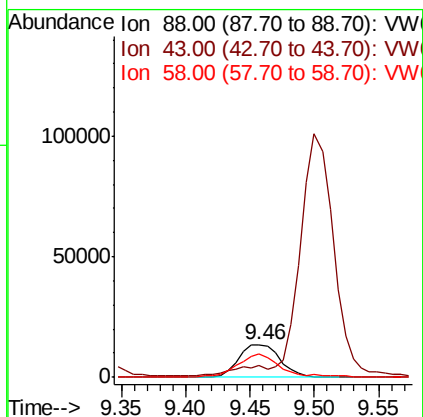
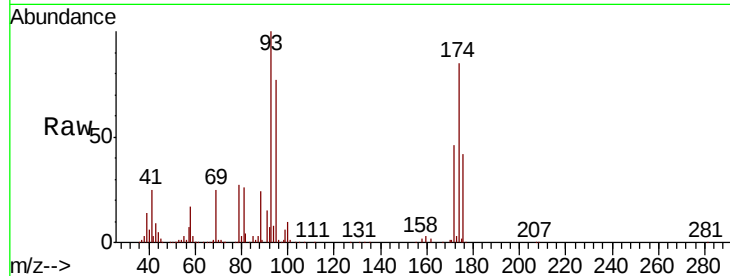
Tgt Ion: 88 Resp: 30410

Ion Ratio Lower Upper

88 100

43 0.0 24.9 37.3#

58 74.8 55.0 82.6



#50

Toluene-d8

Concen: 49.704 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010429.D

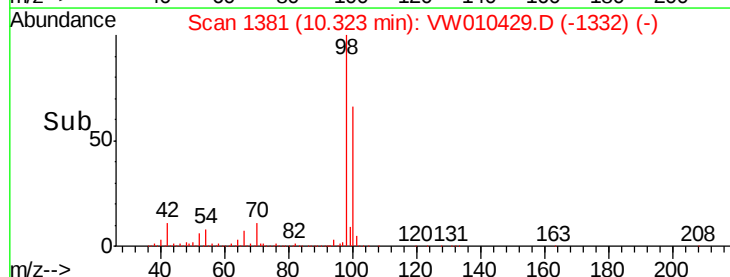
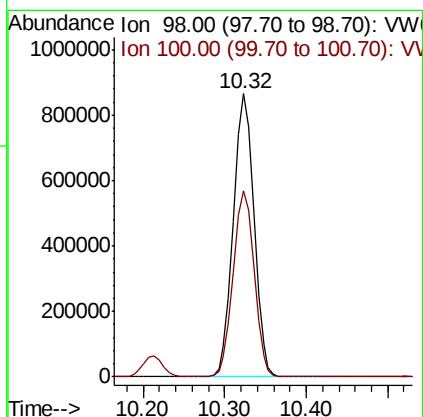
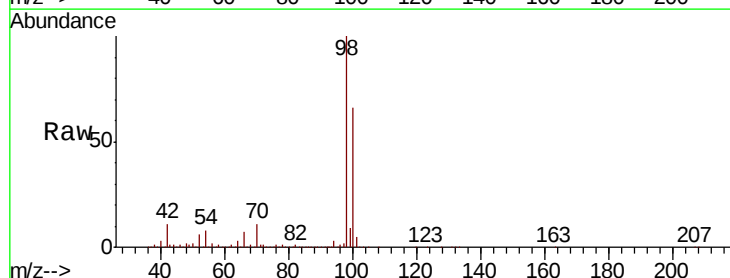
Acq: 18 May 2019 00:31

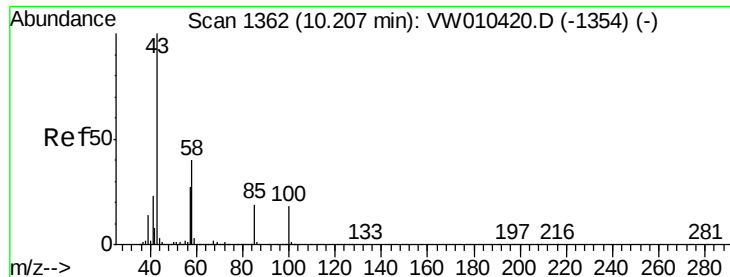
Tgt Ion: 98 Resp: 1503855

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9

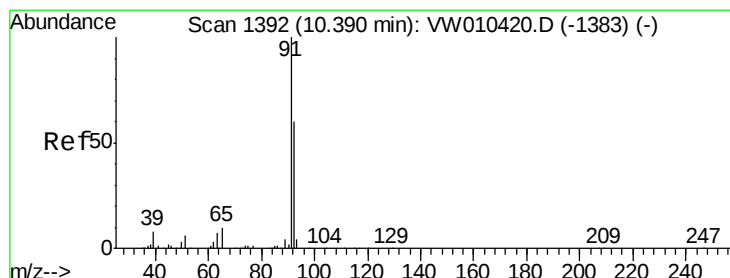
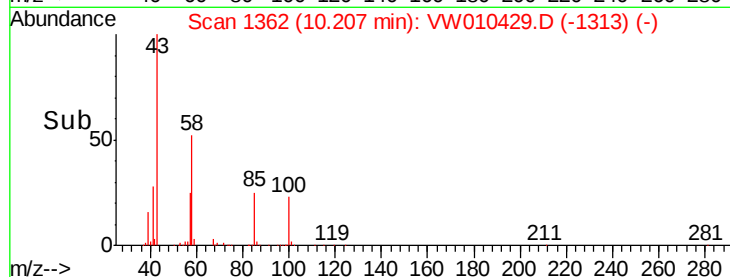
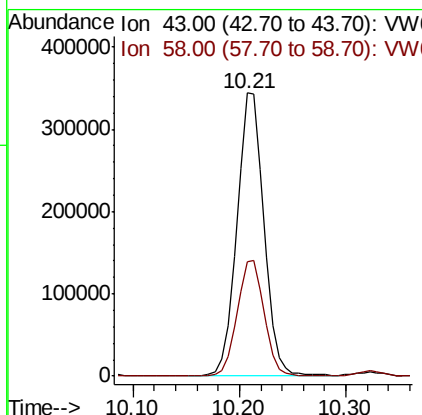
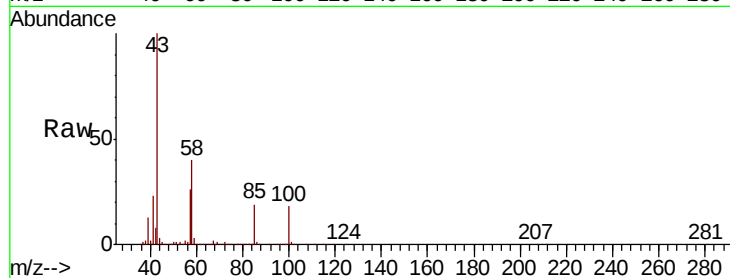




#51
 4-Methyl-2-Pentanone
 Concen: 104.927 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

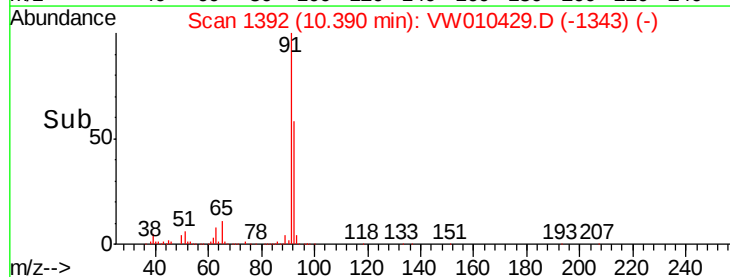
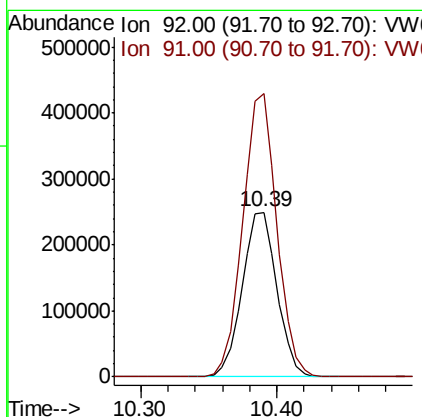
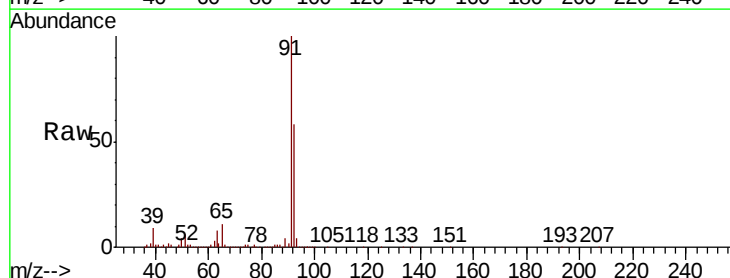
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

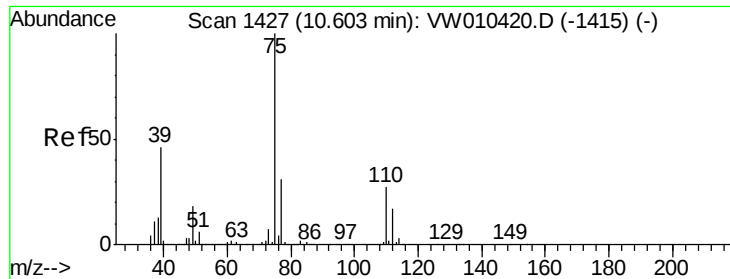
Tgt Ion: 43 Resp: 609883
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1



#52
 Toluene
 Concen: 20.107 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 92 Resp: 443222
 Ion Ratio Lower Upper
 92 100
 91 169.2 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 19.727 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

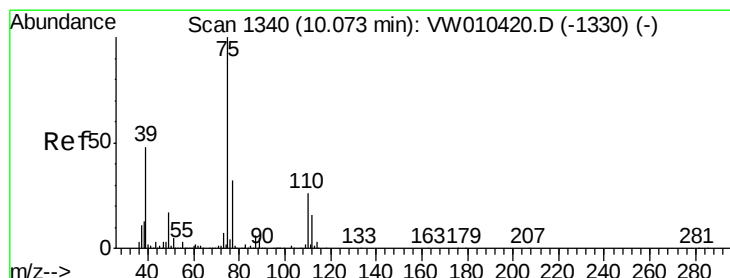
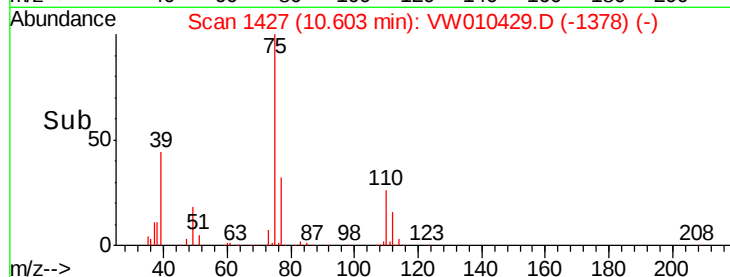
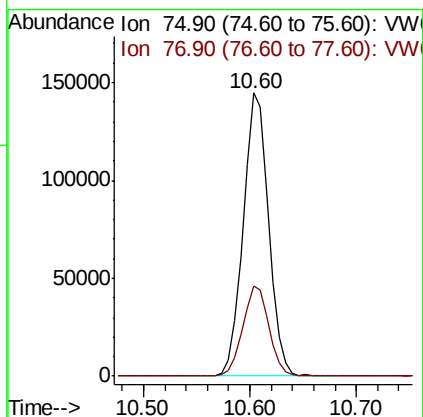
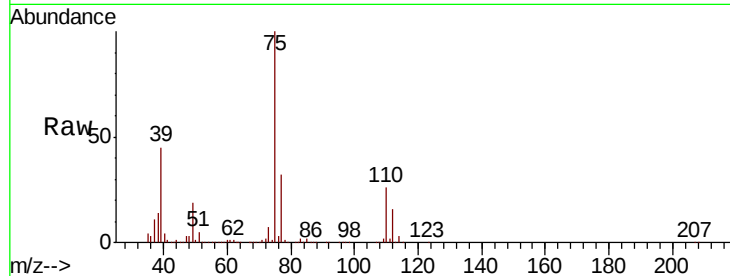
VW0517SBS01

Tgt Ion: 75 Resp: 242650

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.915 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

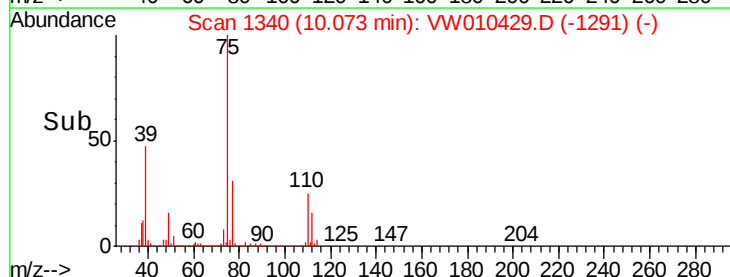
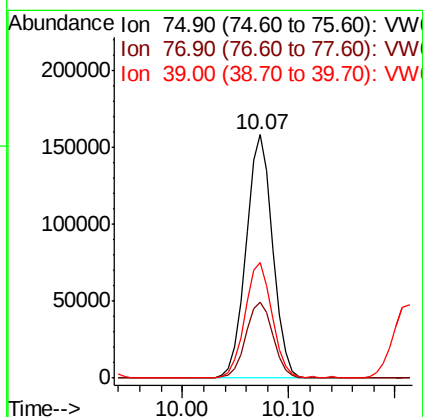
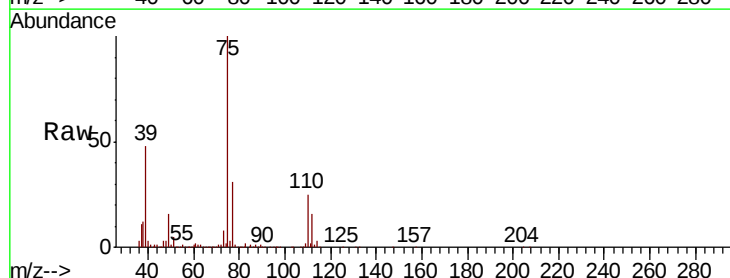
Tgt Ion: 75 Resp: 277719

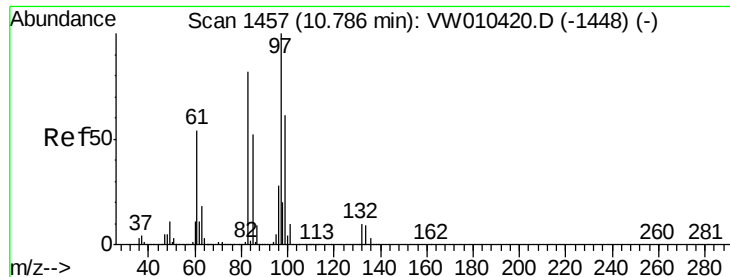
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 47.5 38.1 57.1

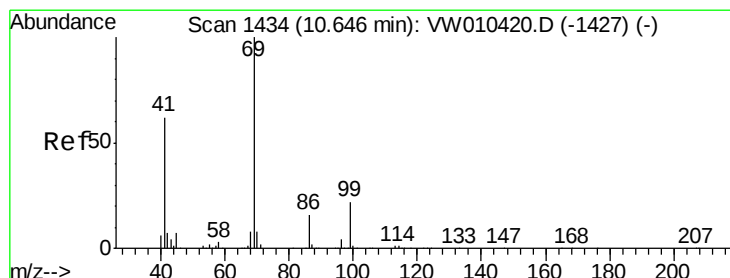
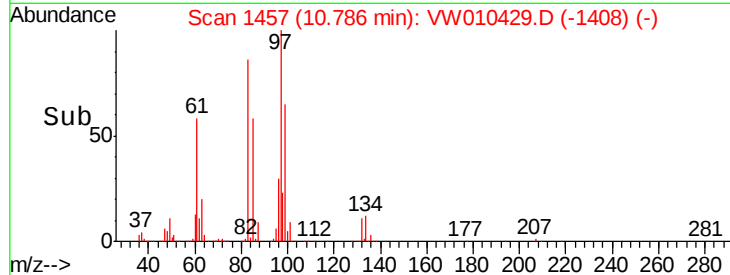
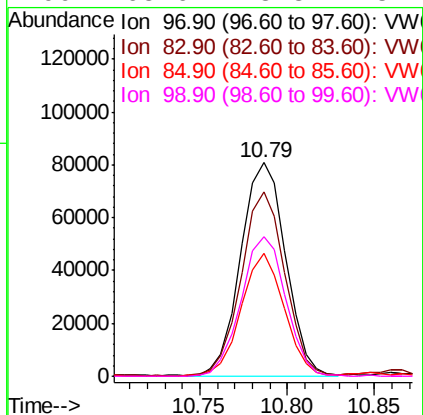
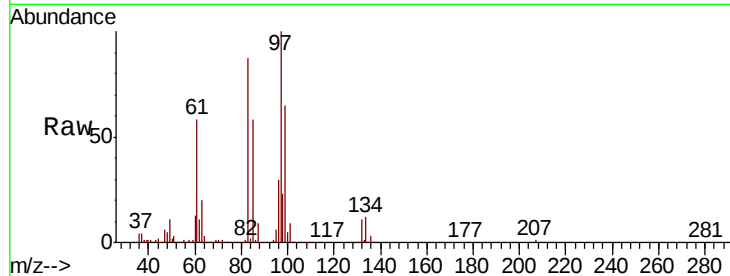




#55
 1,1,2-Trichloroethane
 Concen: 20.774 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

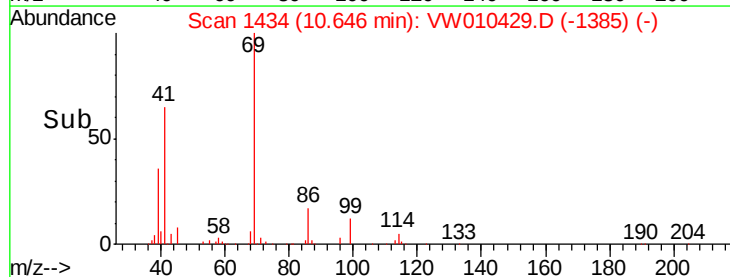
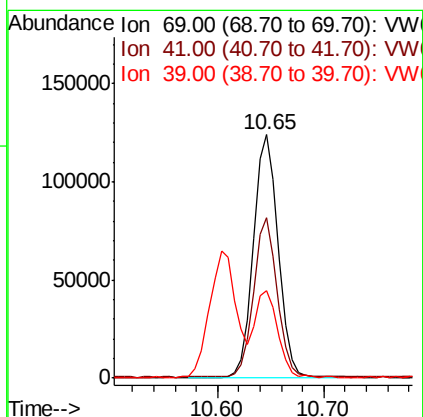
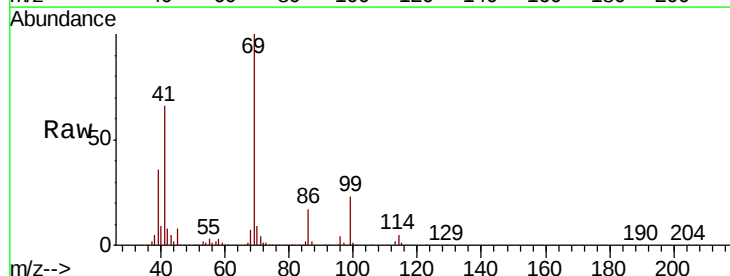
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

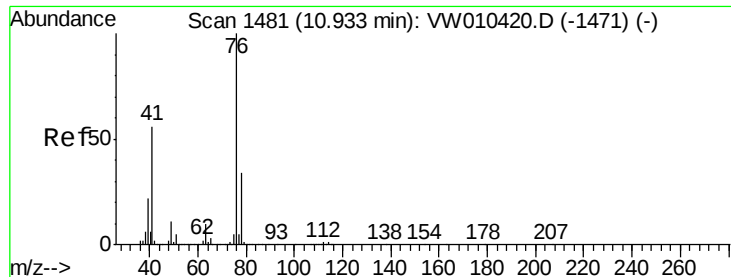
Tgt Ion:	97	Resp:	143853
Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.6	98.4
85	57.5	41.6	62.4
99	65.6	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 20.918 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion:	69	Resp:	202126
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.0	75.0
39	32.5	26.5	39.7

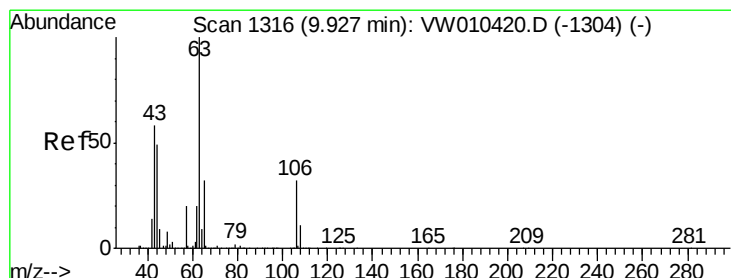
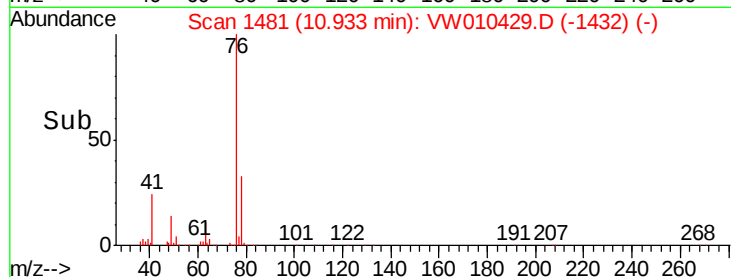
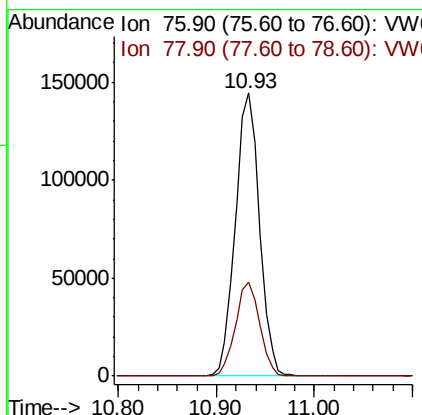
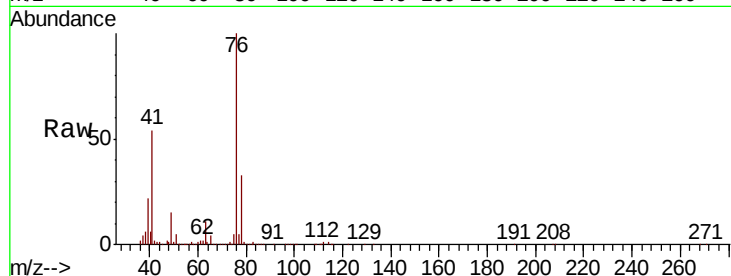




#57
 1,3-Dichloropropane
 Concen: 21.331 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

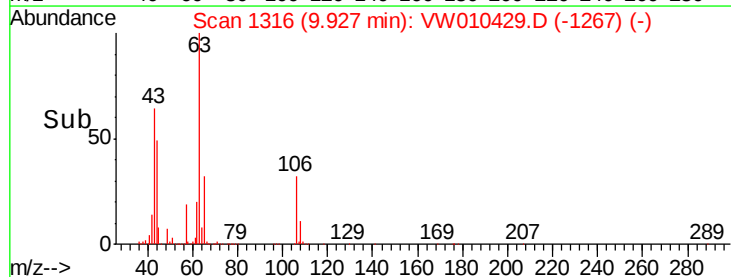
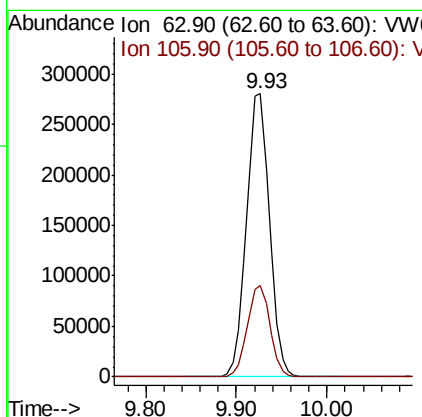
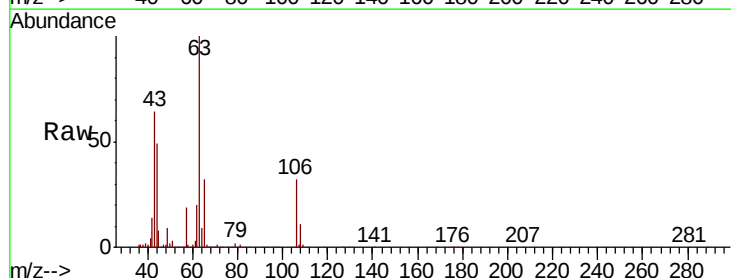
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

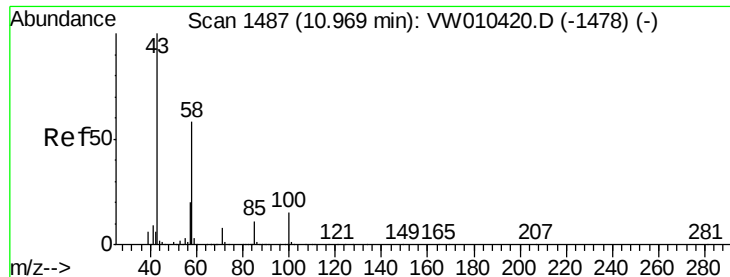
Tgt Ion: 76 Resp: 247626
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.418 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 63 Resp: 494086
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.2 37.8

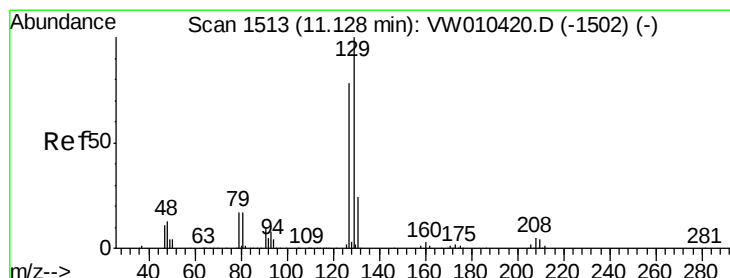
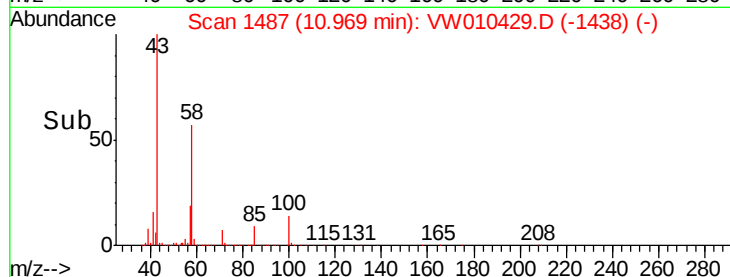
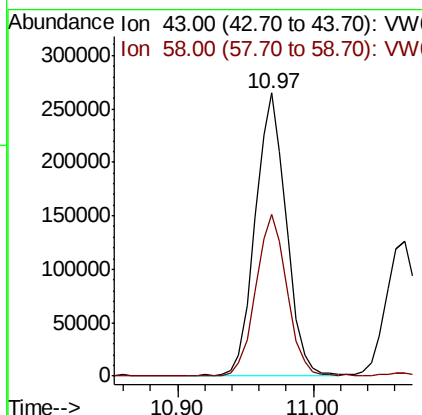
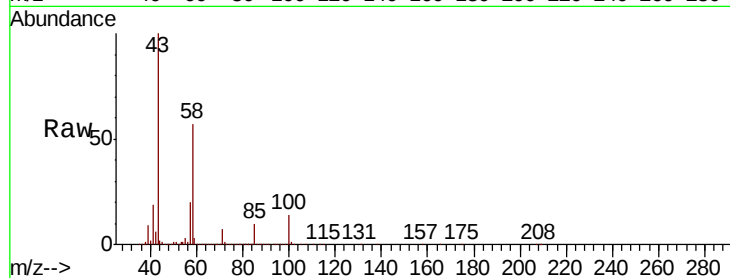




#59
2-Hexanone
Concen: 104.150 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

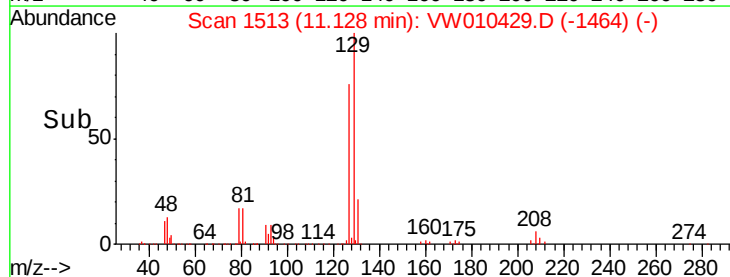
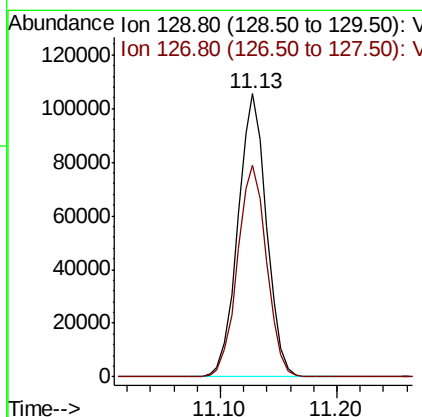
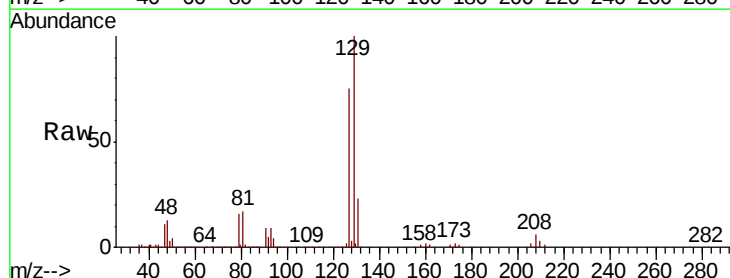
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

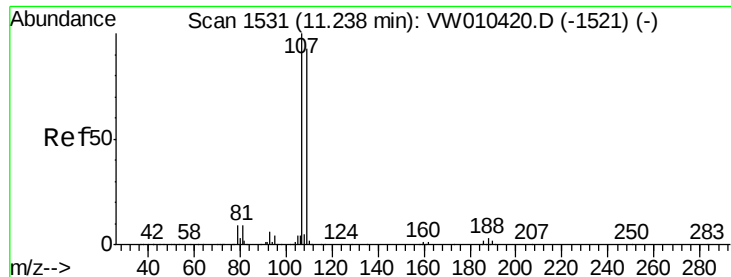
Tgt Ion: 43 Resp: 421540
Ion Ratio Lower Upper
43 100
58 57.7 28.5 85.6



#60
Dibromochloromethane
Concen: 20.986 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 129 Resp: 180339
Ion Ratio Lower Upper
129 100
127 76.2 39.0 116.9

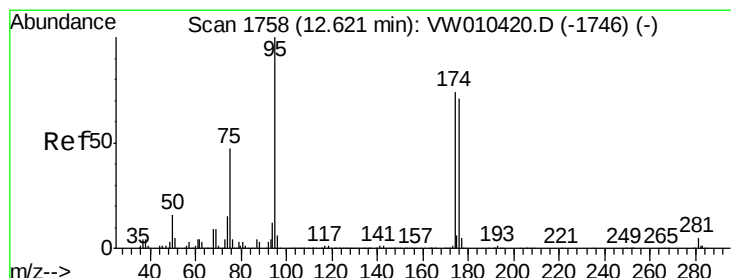
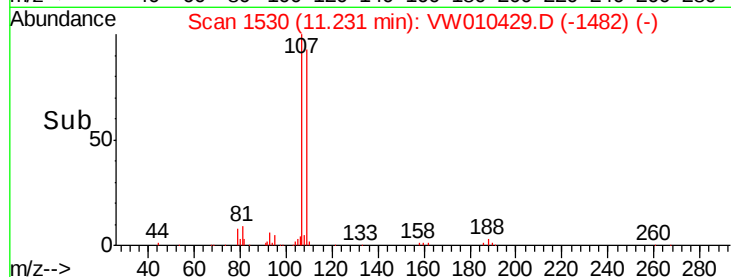
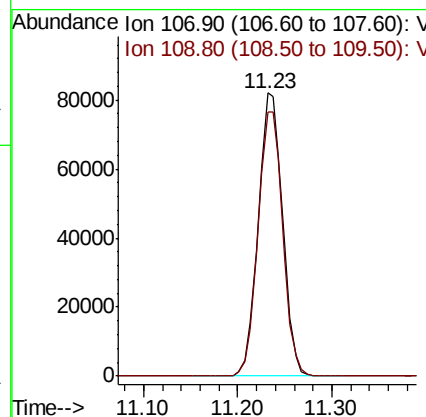
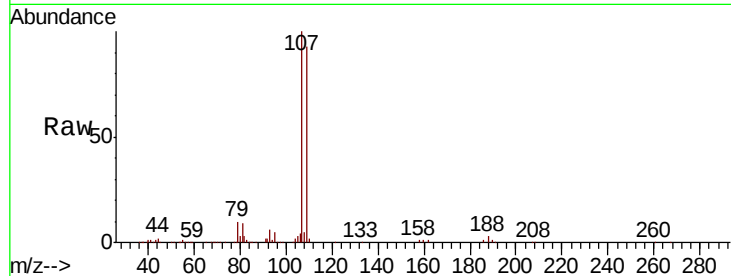




#61
 1,2-Dibromoethane
 Concen: 21.268 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

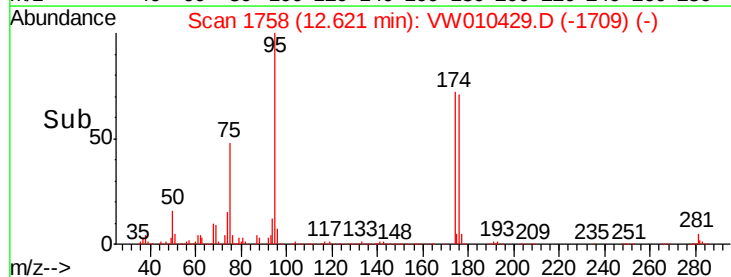
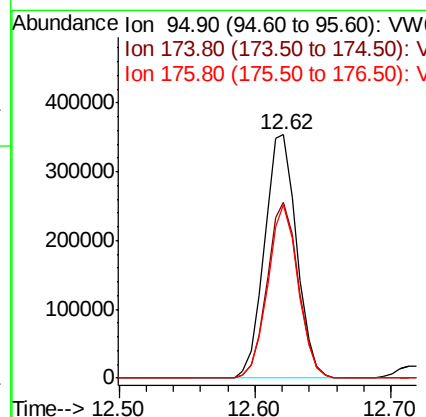
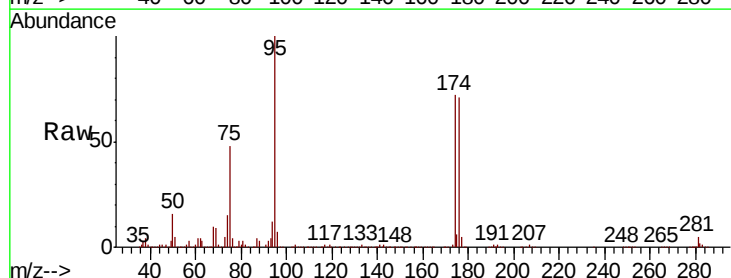
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

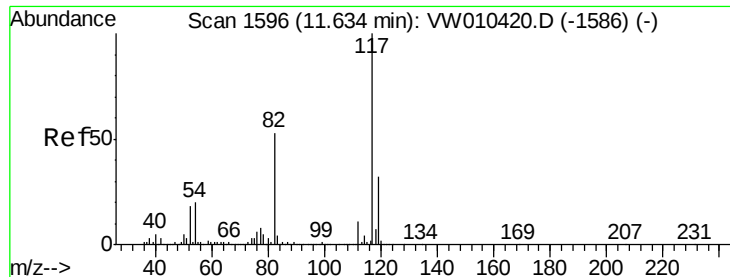
Tgt Ion: 107 Resp: 149263
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.237 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion: 95 Resp: 584870
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 146.6
 176 67.8 0.0 141.4

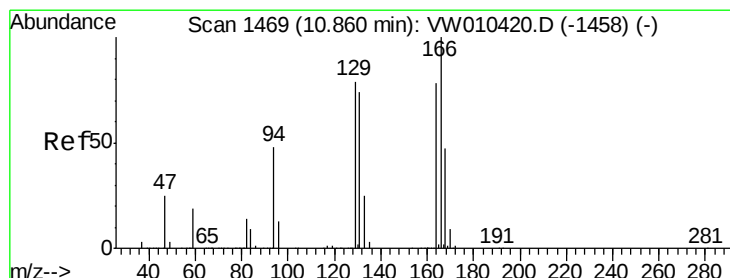
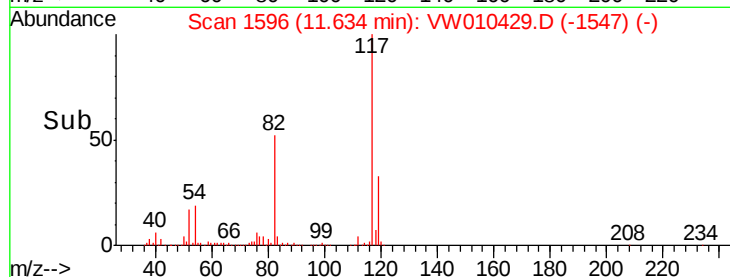
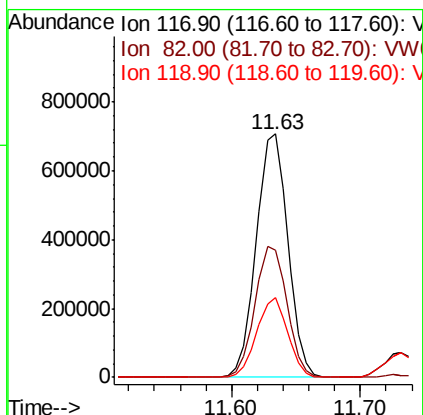
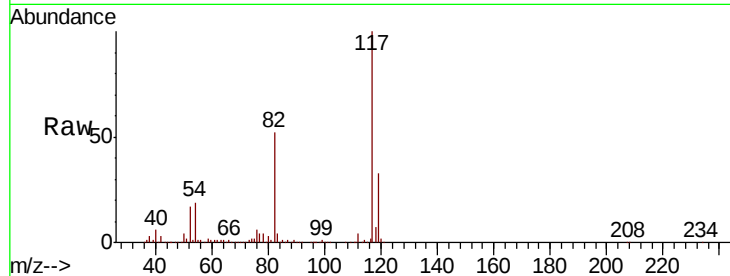




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

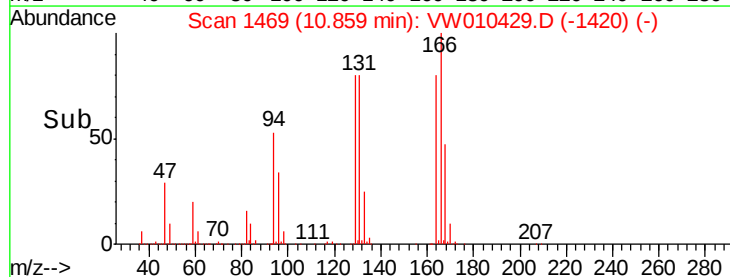
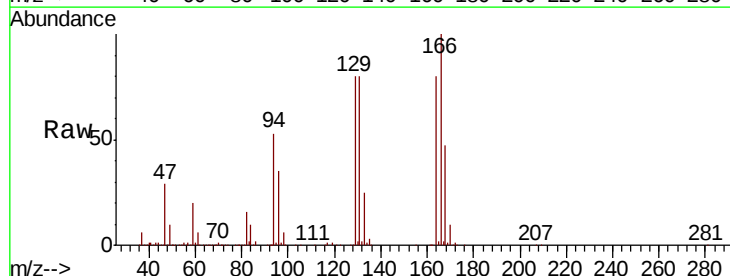
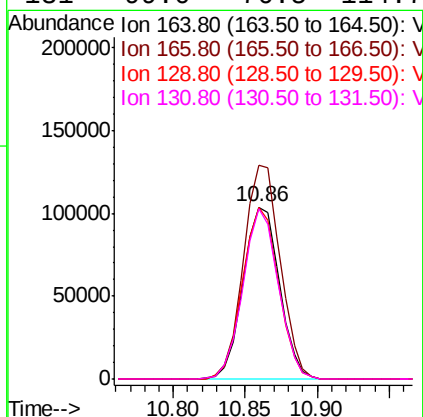
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

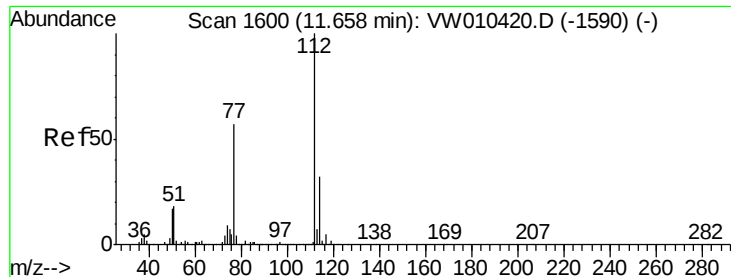
Tgt Ion:117 Resp: 1203176
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 22.852 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion:164 Resp: 180850
Ion Ratio Lower Upper
164 100
166 124.4 103.2 154.8
129 99.6 81.6 122.4
131 99.0 76.5 114.7





#65

Chlorobenzene

Concen: 20.095 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

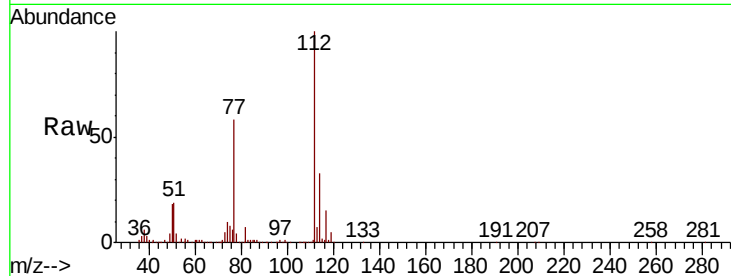
VW0517SBSD01

Tgt Ion:112 Resp: 490961

Ion Ratio Lower Upper

112 100

114 33.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

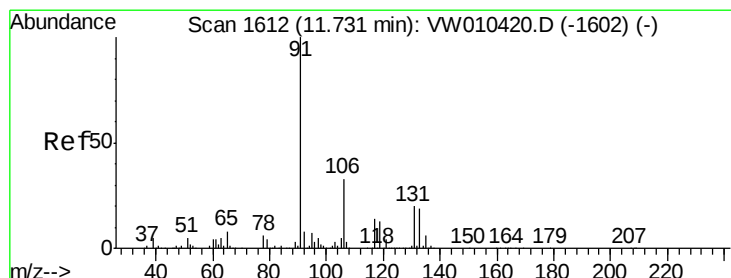
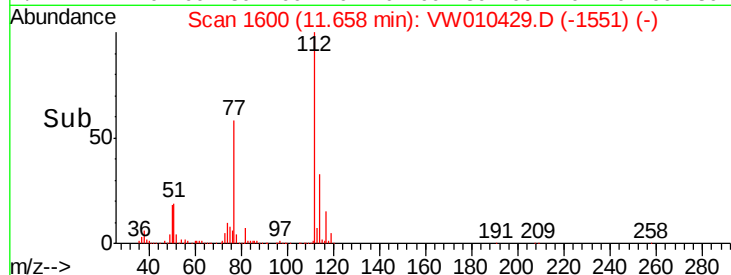
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.208 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

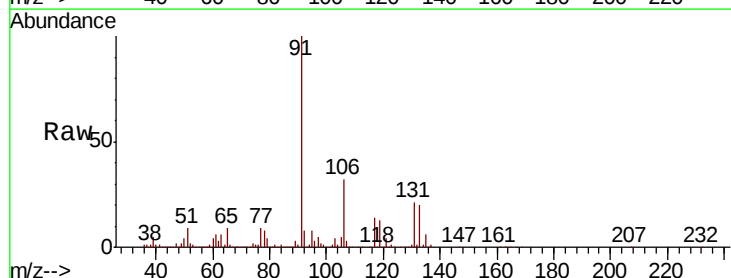
Tgt Ion:131 Resp: 182320

Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.8

119 64.9 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

250000

200000

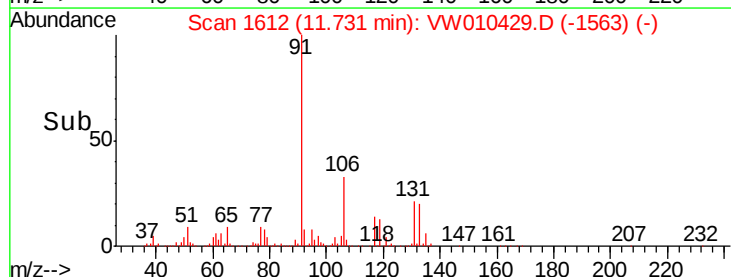
150000

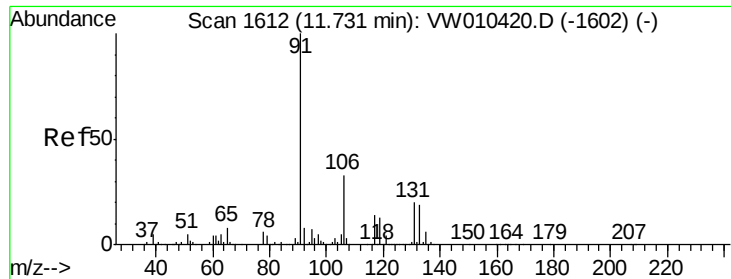
100000

50000

0

Time-->

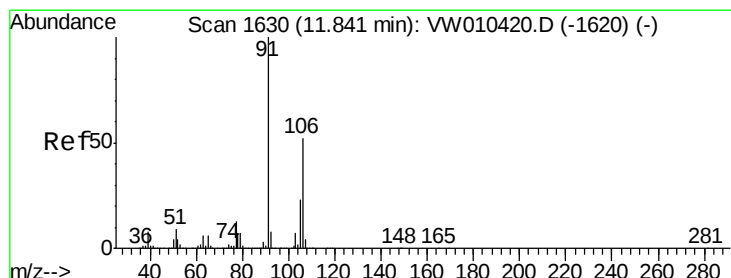
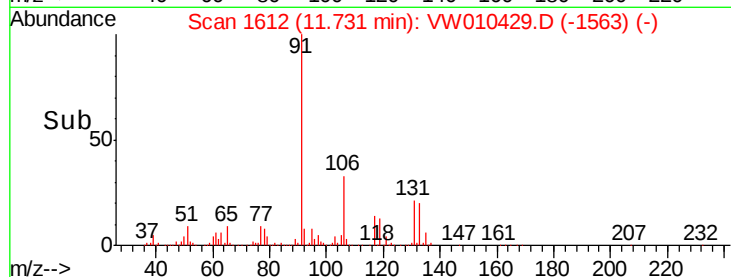
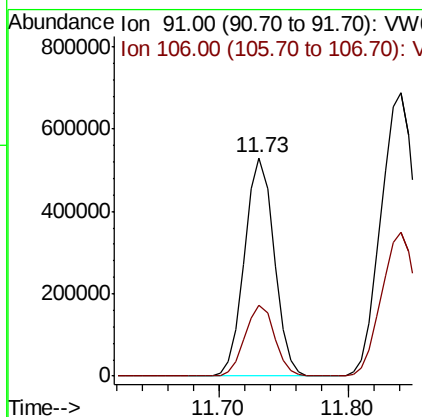
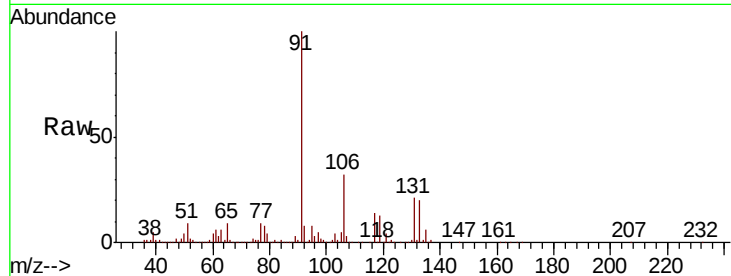




#67
Ethyl Benzene
Concen: 19.558 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

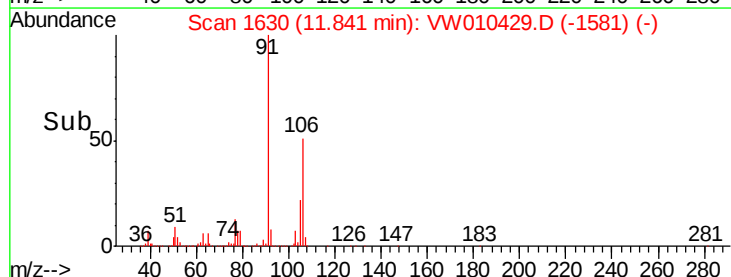
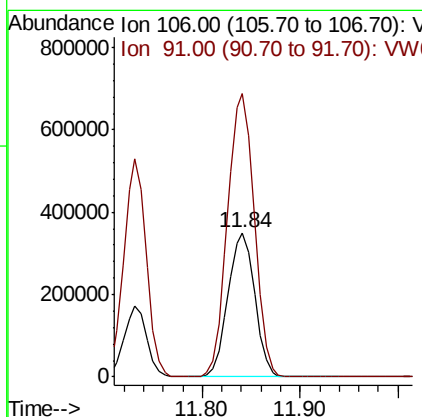
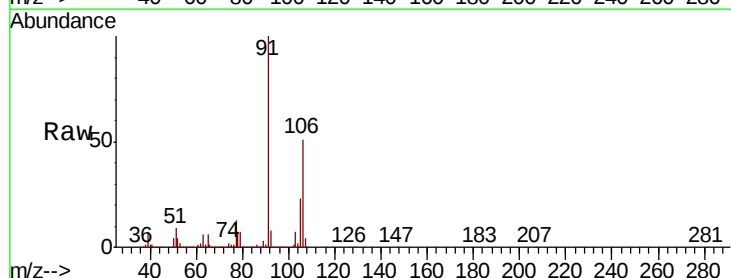
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

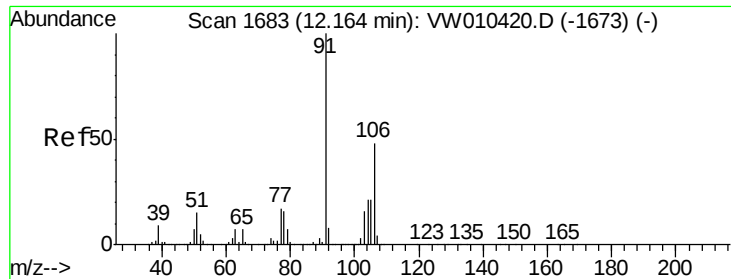
Tgt Ion: 91 Resp: 841725
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7



#68
m/p-Xylenes
Concen: 39.310 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion: 106 Resp: 662164
Ion Ratio Lower Upper
106 100
91 197.1 156.2 234.2

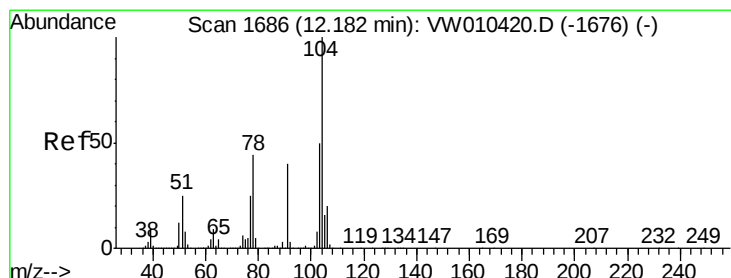
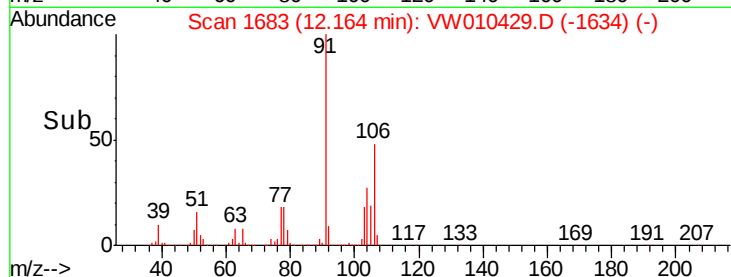
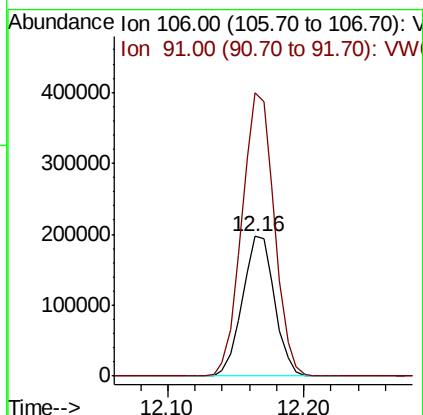
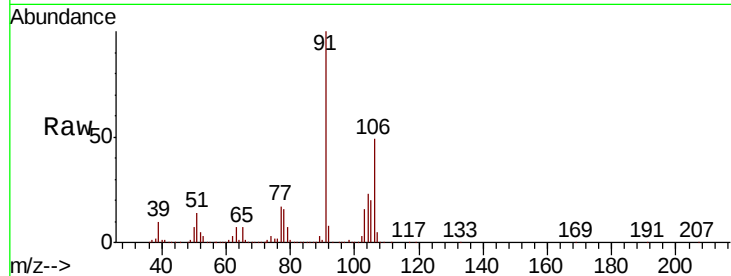




#69
o-Xylene
Concen: 20.312 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

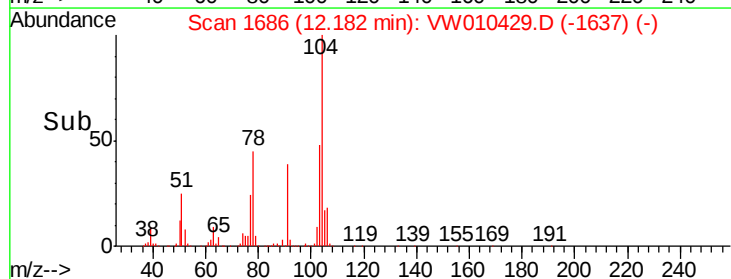
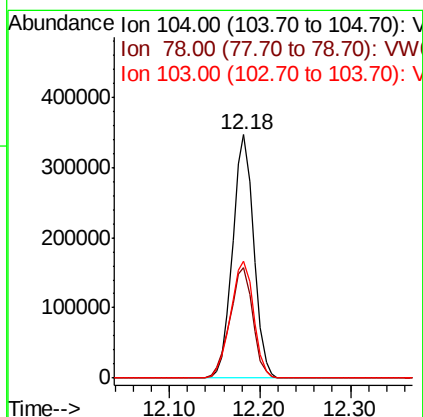
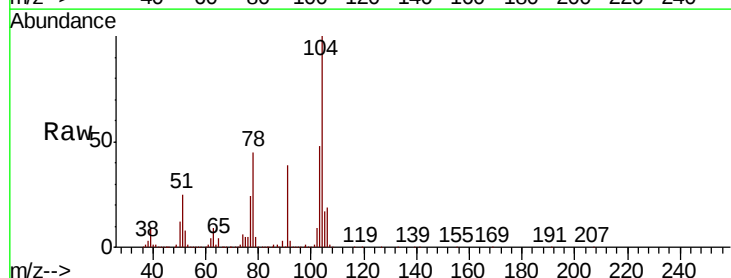
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

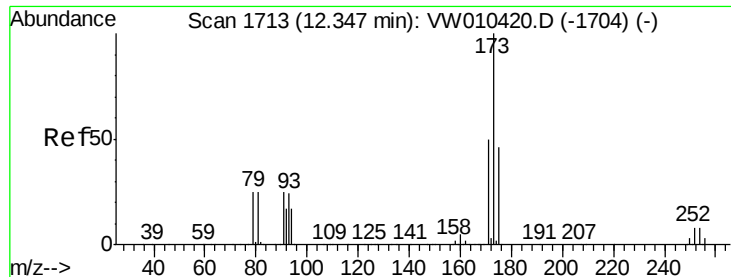
Tgt Ion:106 Resp: 326161
Ion Ratio Lower Upper
106 100
91 204.3 102.5 307.5



#70
Styrene
Concen: 20.216 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion:104 Resp: 558916
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.0
103 52.9 43.4 65.0





#71

Bromoform

Concen: 20.073 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

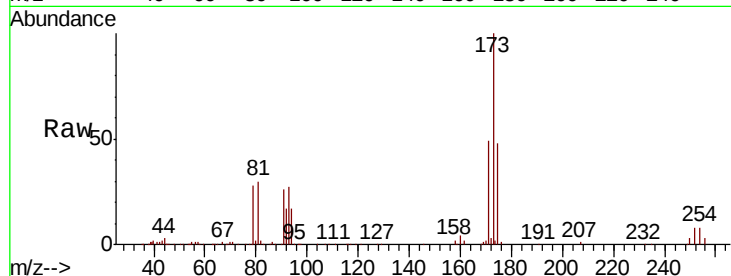
Tgt Ion:173 Resp: 102043

Ion Ratio Lower Upper

173 100

175 47.5 23.8 71.2

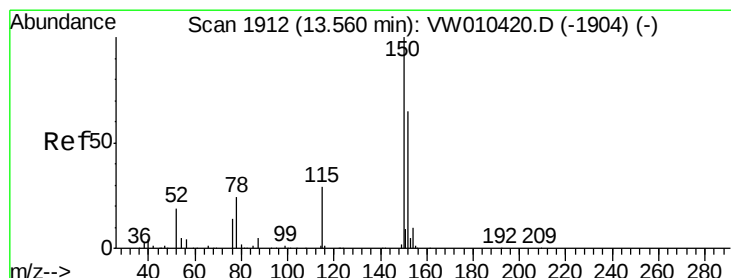
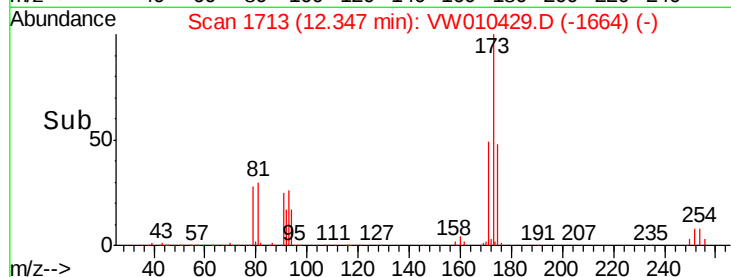
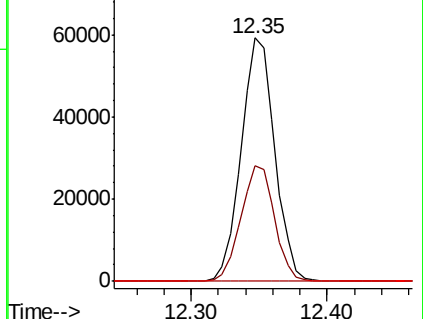
254 0.0 0.2 0.2#



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: VW010429.D

Acq: 18 May 2019 00:31

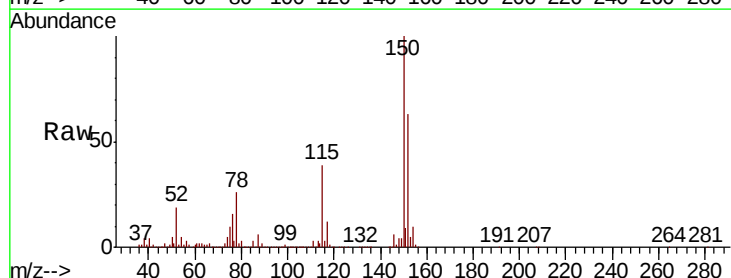
Tgt Ion:152 Resp: 564665

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.1

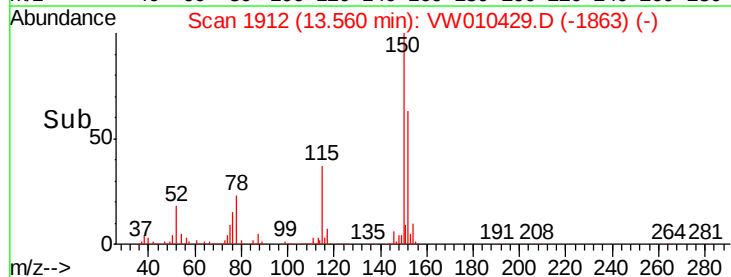
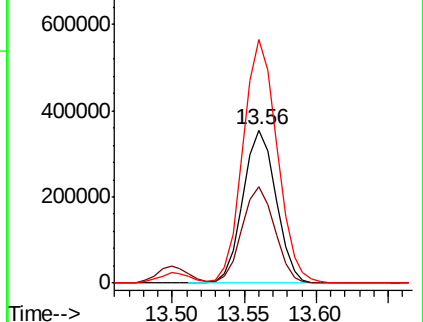
150 164.6 0.0 350.2

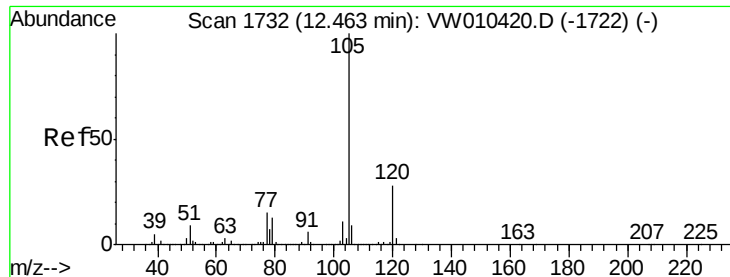


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.138 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

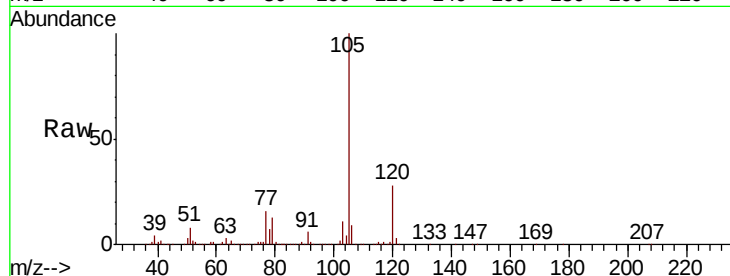
VW0517SBSD01

Tgt Ion: 105 Resp: 835598

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

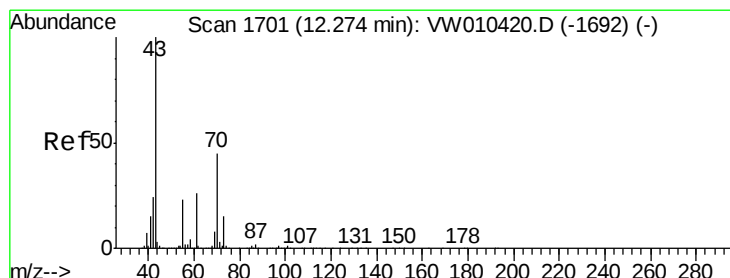
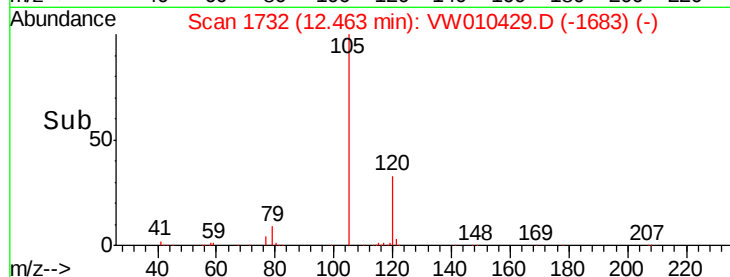
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.428 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Tgt Ion: 43 Resp: 217383

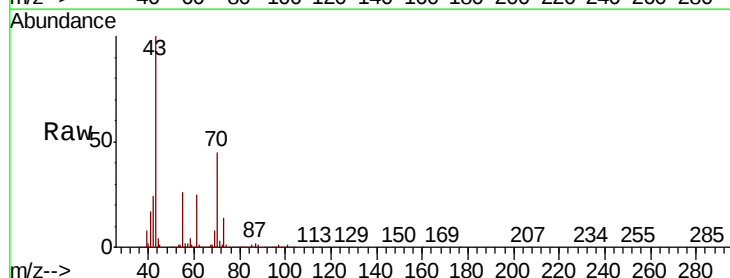
Ion Ratio Lower Upper

43 100

70 44.8 36.4 54.6

55 24.4 19.0 28.6

61 25.7 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

200000

150000

100000

50000

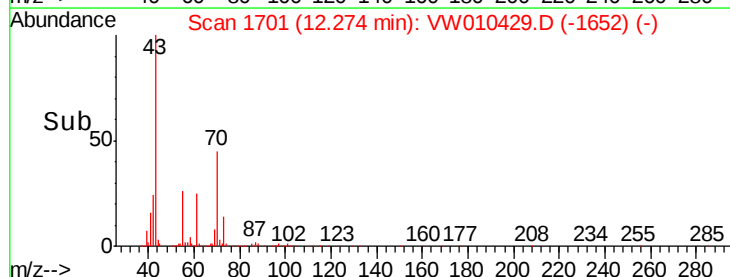
0

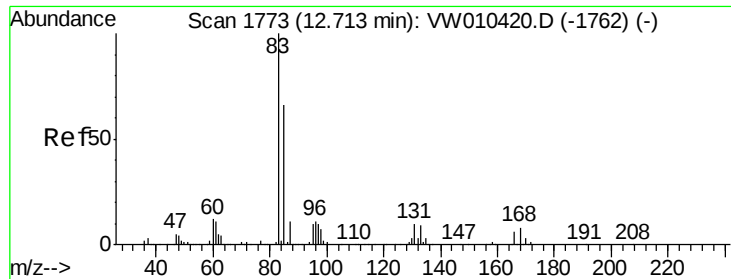
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

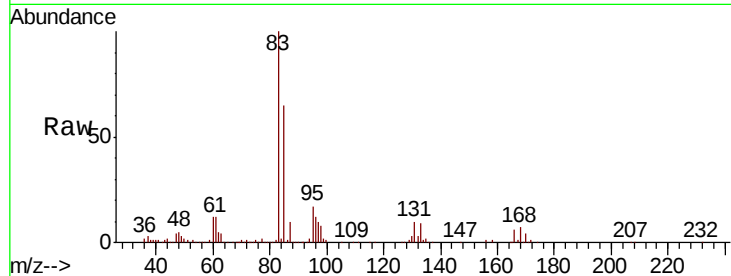
Tgt Ion: 83 Resp: 174530

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.4

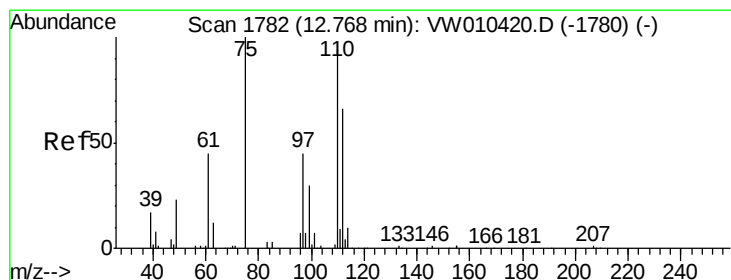
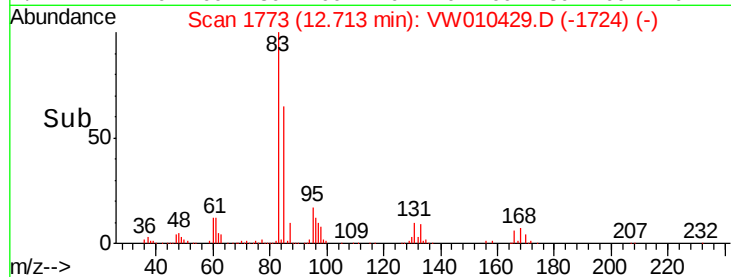
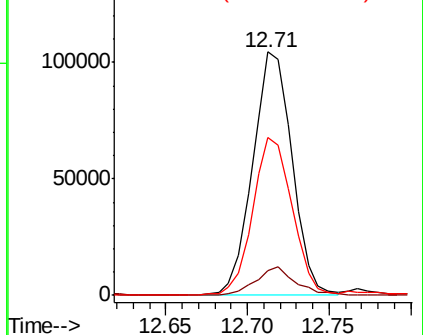
85 64.8 32.3 96.9



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: 36.414 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010429.D

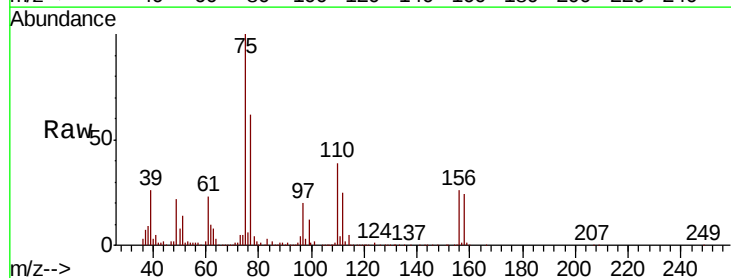
Acq: 18 May 2019 00:31

Tgt Ion: 75 Resp: 220182

Ion Ratio Lower Upper

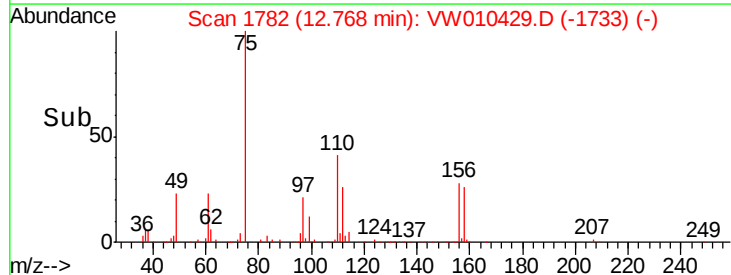
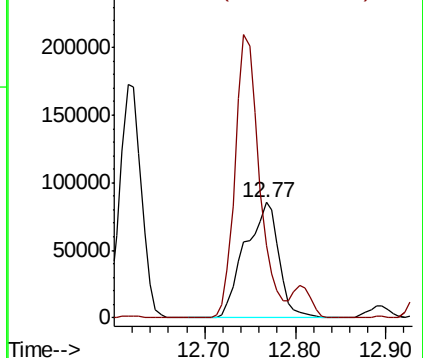
75 100

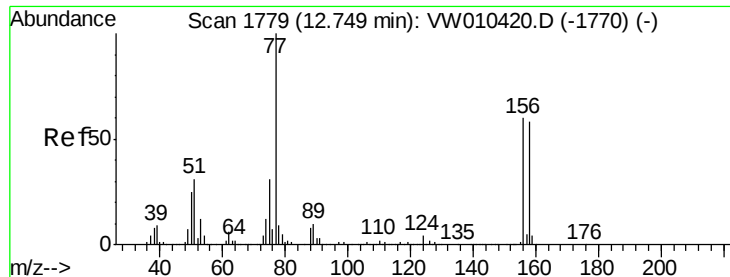
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.998 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

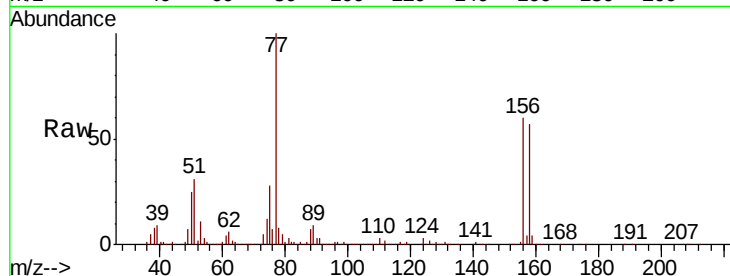
Tgt Ion:156 Resp: 197249

Ion Ratio Lower Upper

156 100

77 199.9 95.7 286.9

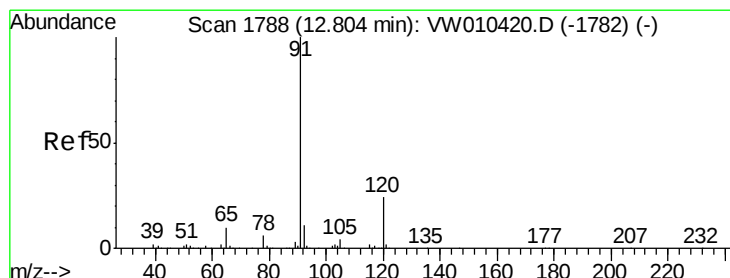
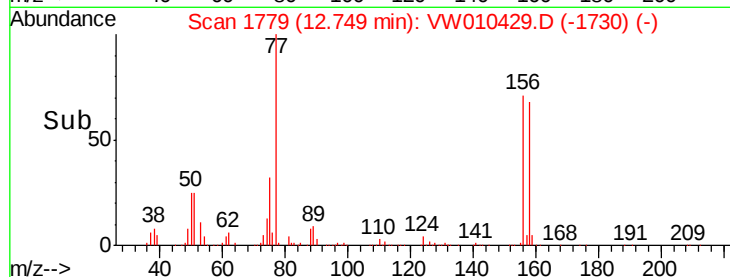
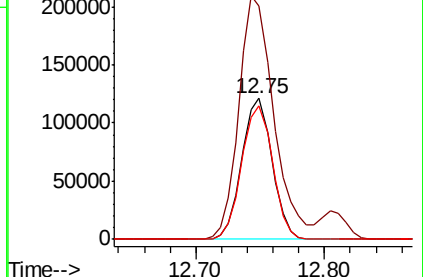
158 96.8 48.9 146.7



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: 18.992 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010429.D

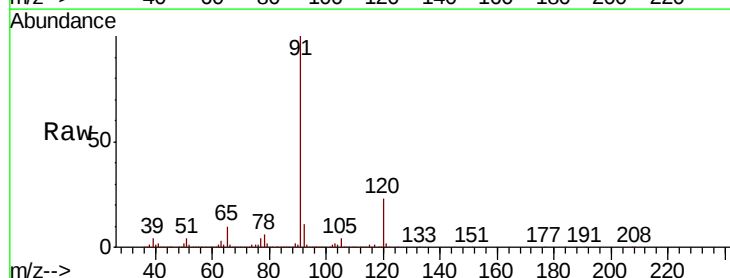
Acq: 18 May 2019 00:31

Tgt Ion: 91 Resp: 961893

Ion Ratio Lower Upper

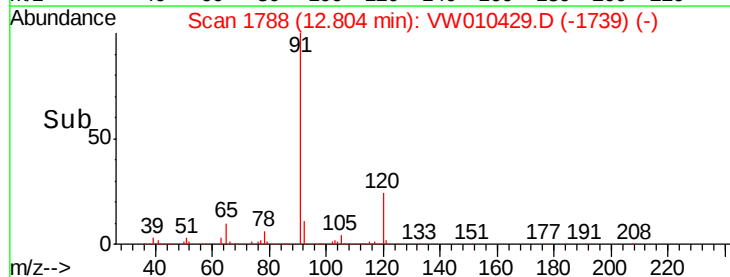
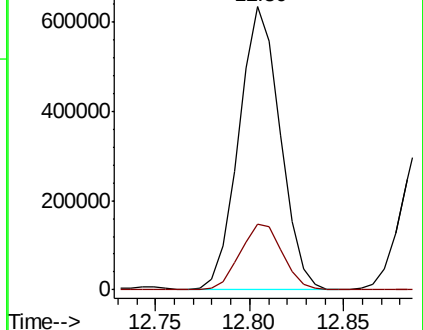
91 100

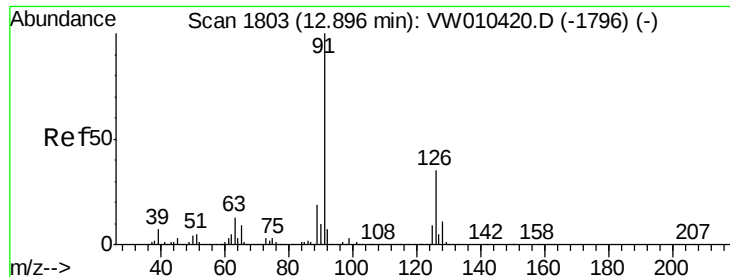
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.808 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

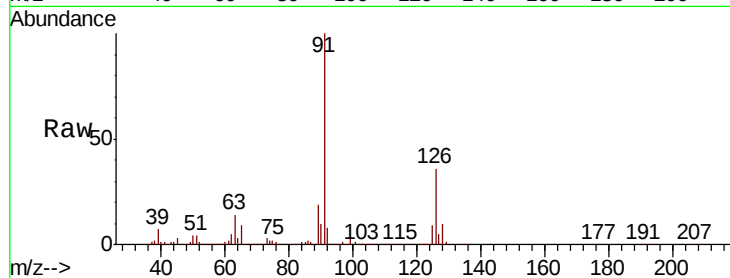
VW0517SBSD01

Tgt Ion: 91 Resp: 585837

Ion Ratio Lower Upper

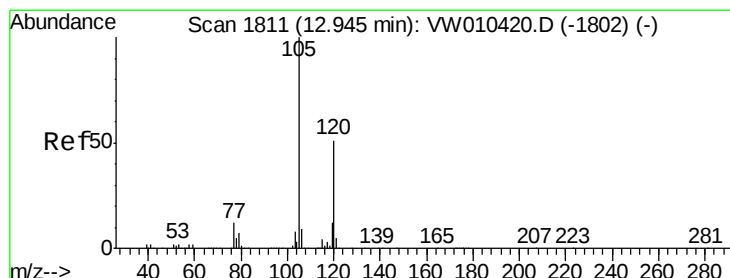
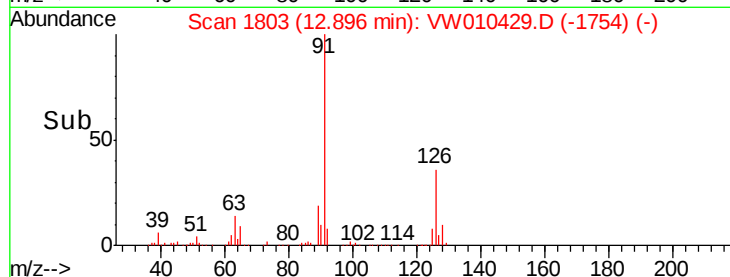
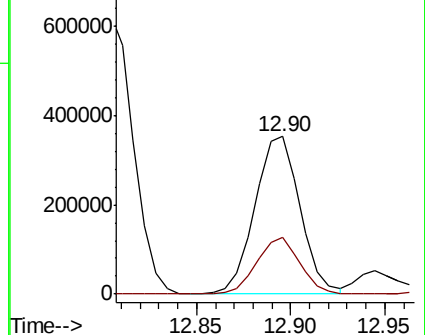
91 100

126 34.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.427 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010429.D

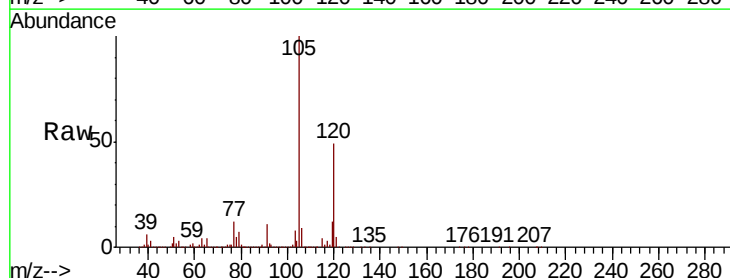
Acq: 18 May 2019 00:31

Tgt Ion: 105 Resp: 721998

Ion Ratio Lower Upper

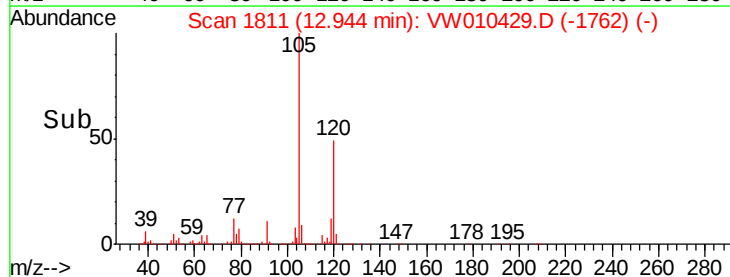
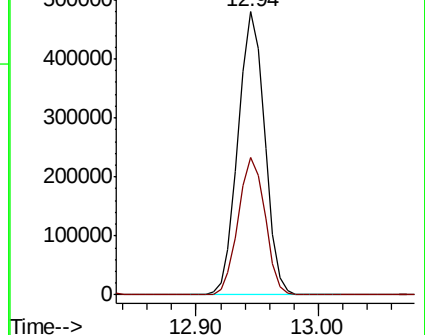
105 100

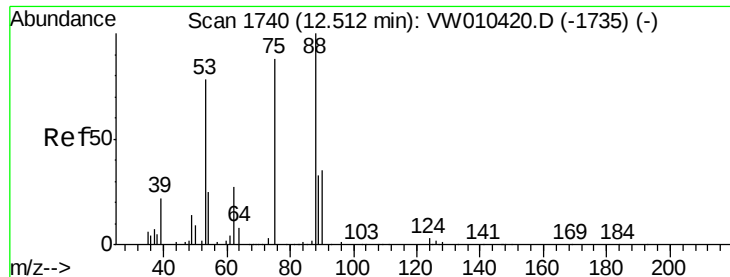
120 48.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.885 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBSD01

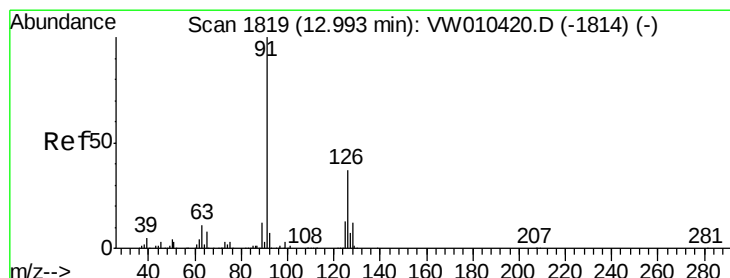
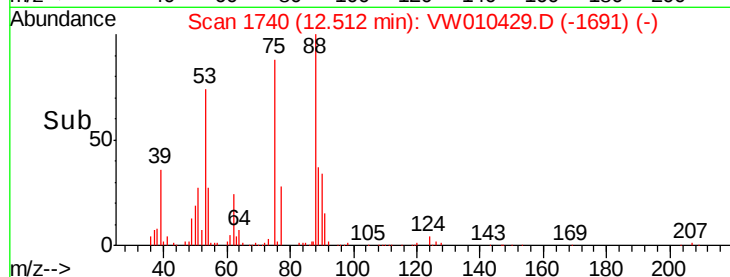
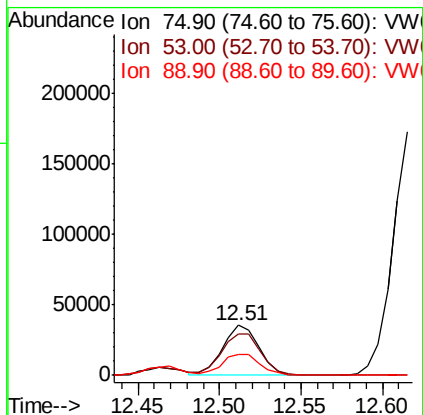
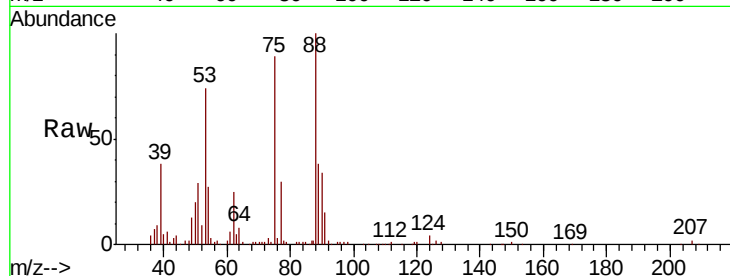
Tgt Ion: 75 Resp: 54801

Ion Ratio Lower Upper

75 100

53 90.2 70.7 106.1

89 45.1 38.6 58.0



#82

4-Chlorotoluene

Concen: 19.761 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010429.D

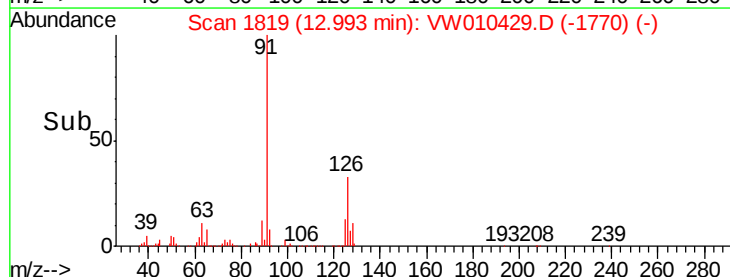
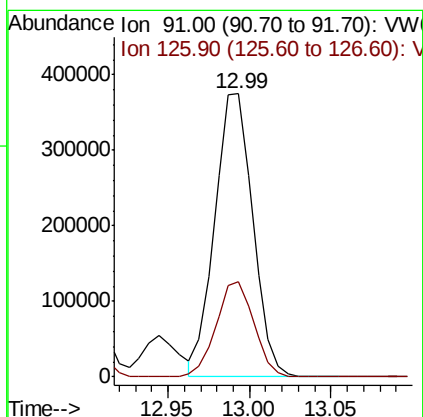
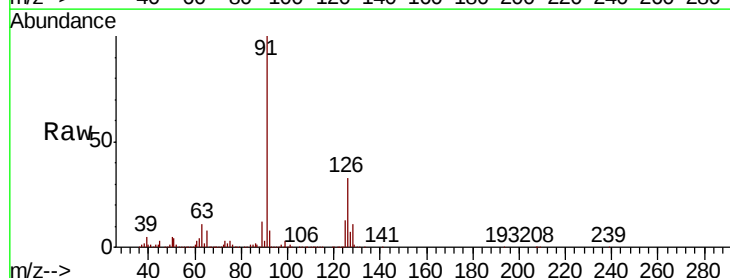
Acq: 18 May 2019 00:31

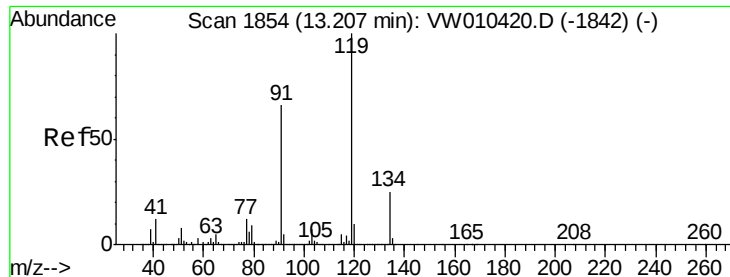
Tgt Ion: 91 Resp: 610394

Ion Ratio Lower Upper

91 100

126 33.5 17.4 52.2

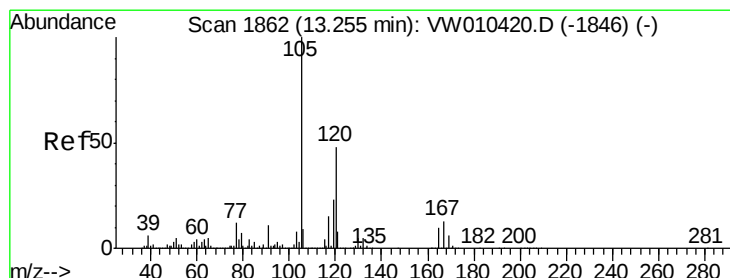
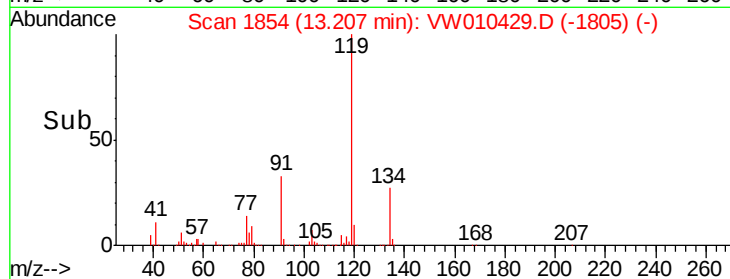
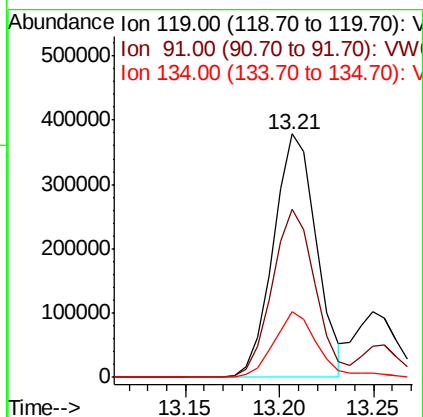
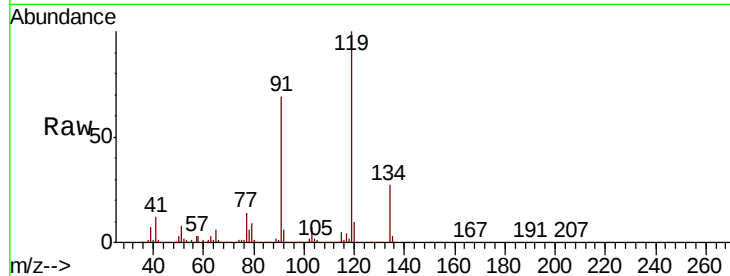




#83
 tert-Butylbenzene
 Concen: 19.079 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

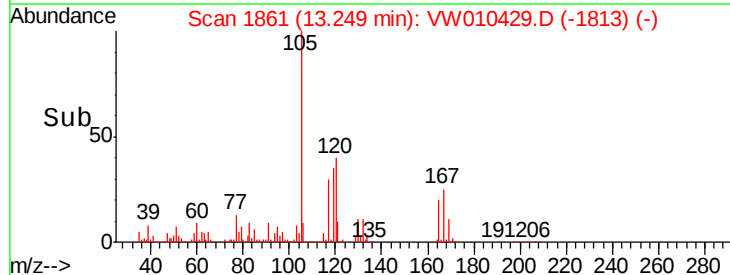
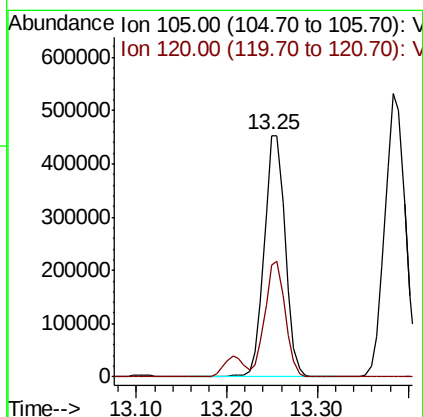
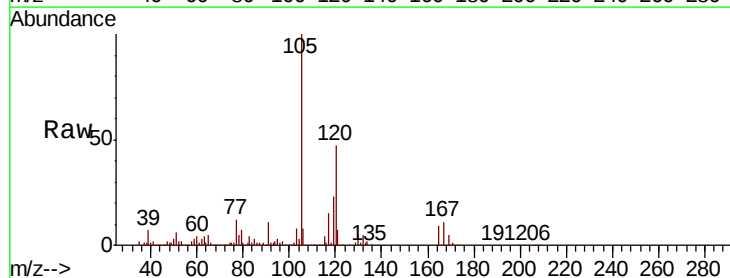
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

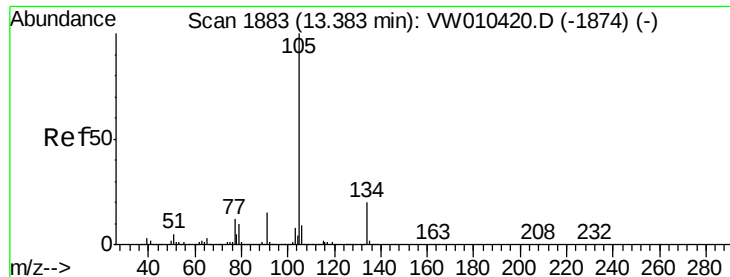
Tgt Ion:119 Resp: 599653
 Ion Ratio Lower Upper
 119 100
 91 69.4 33.5 100.5
 134 27.6 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.861 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion:105 Resp: 726173
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0

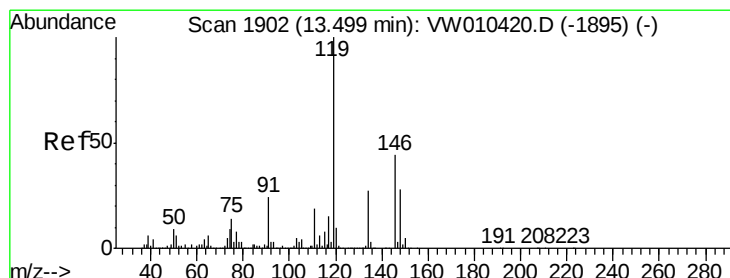
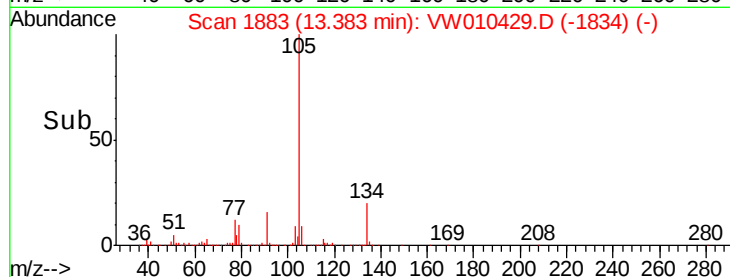
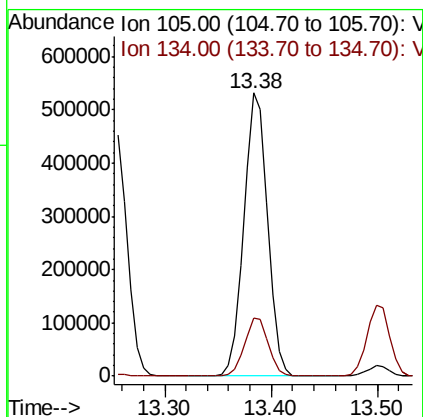
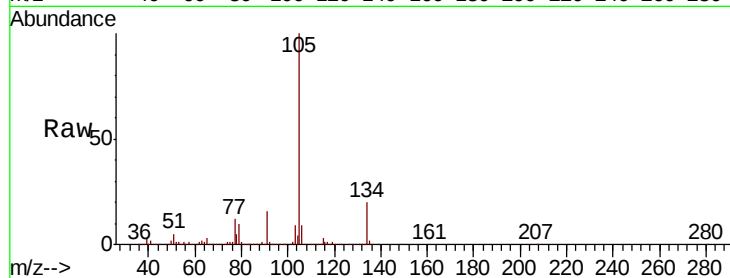




#85
 sec-Butylbenzene
 Concen: 18.791 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

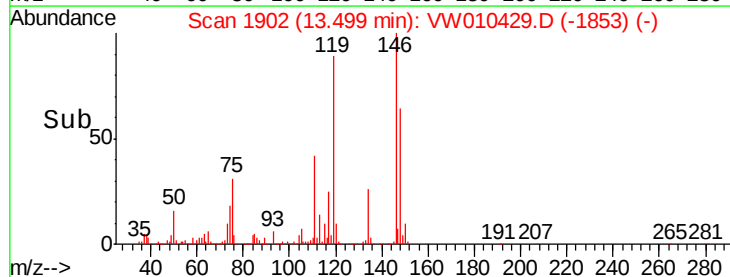
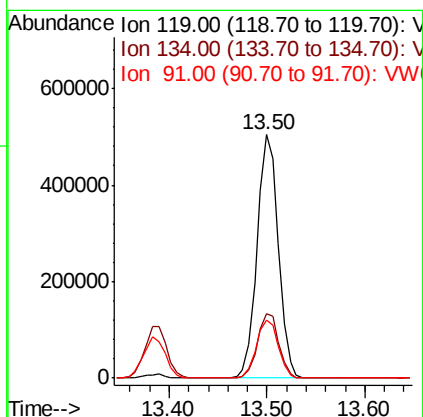
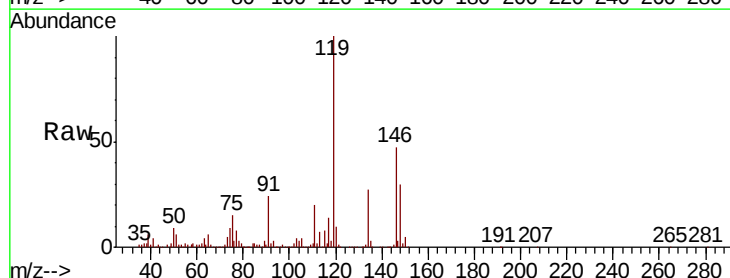
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

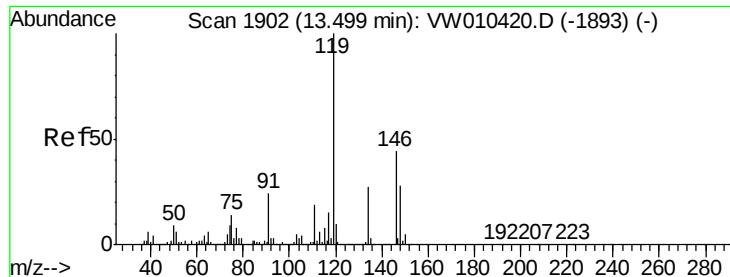
Tgt Ion:105 Resp: 831670
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 18.881 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion:119 Resp: 754907
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.0
 91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.131 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

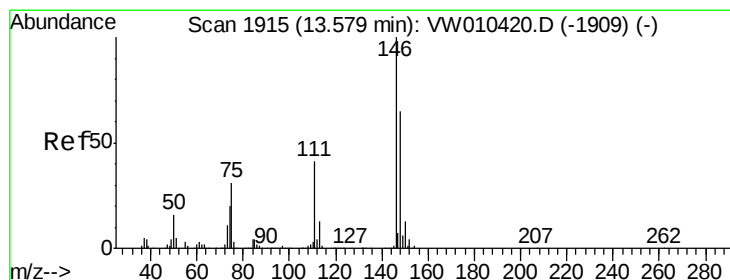
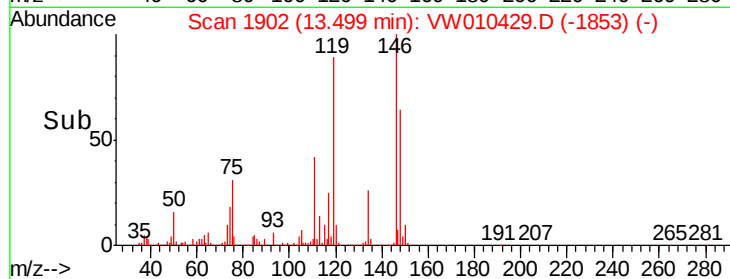
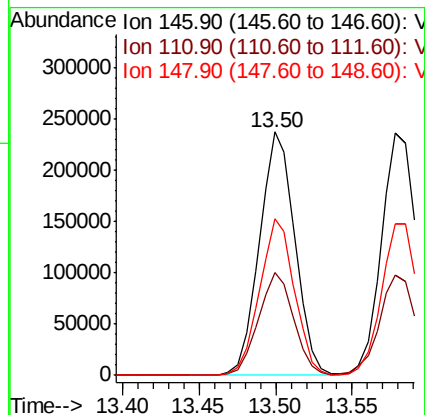
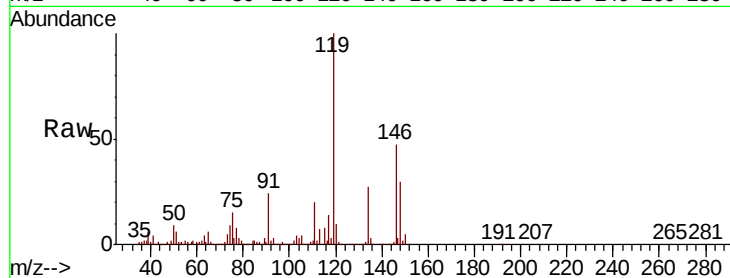
Tgt Ion:146 Resp: 382394

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.4

148 63.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.031 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

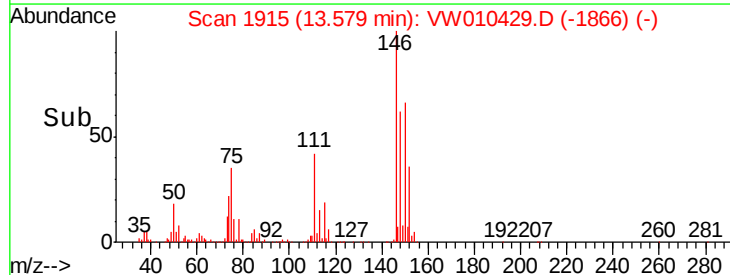
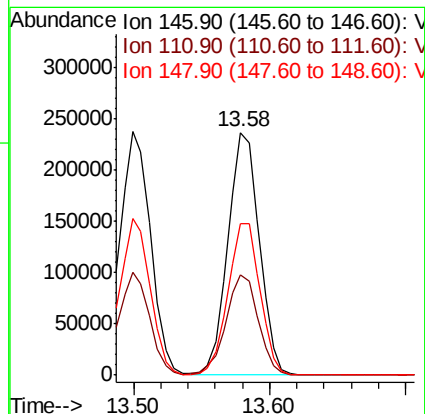
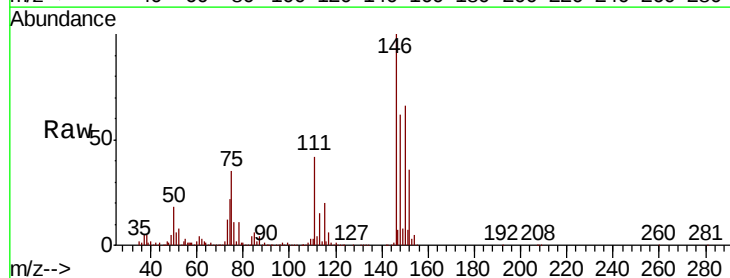
Tgt Ion:146 Resp: 378758

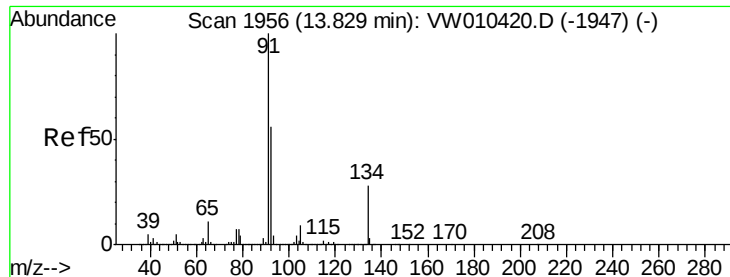
Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.3

148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 18.301 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010429.D

Acq: 18 May 2019 00:31

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

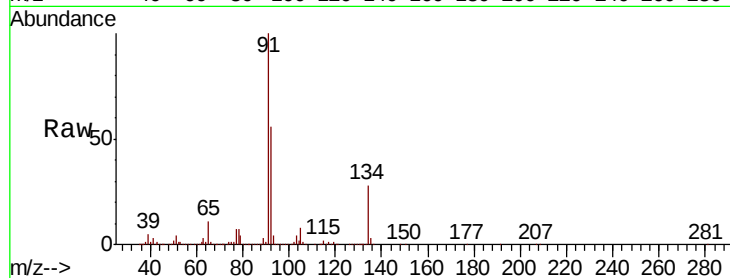
Tgt Ion: 91 Resp: 698162

Ion Ratio Lower Upper

91 100

92 55.4 27.7 83.0

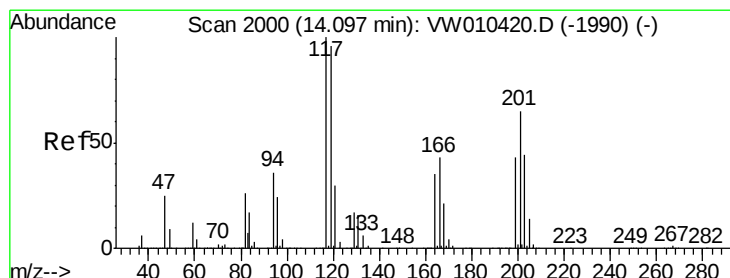
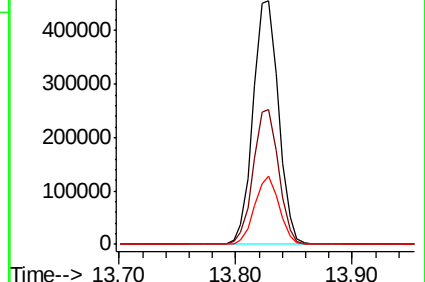
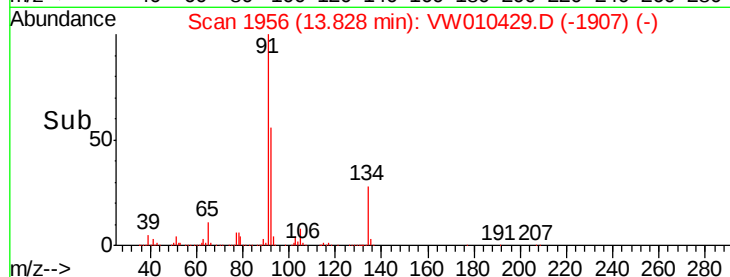
134 26.9 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.929 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010429.D

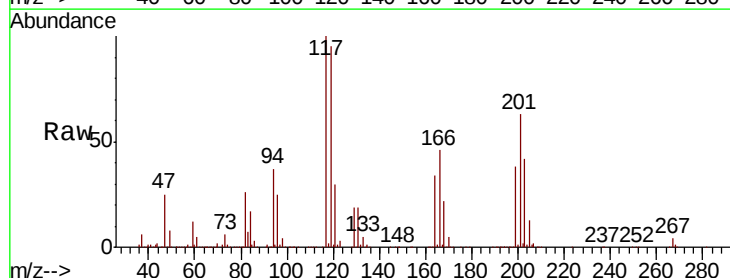
Acq: 18 May 2019 00:31

Tgt Ion: 117 Resp: 152241

Ion Ratio Lower Upper

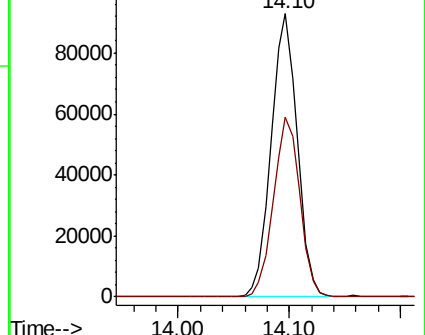
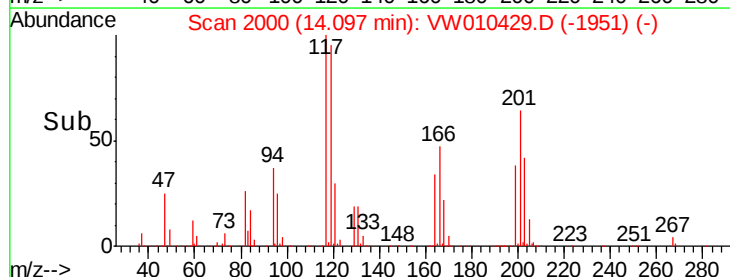
117 100

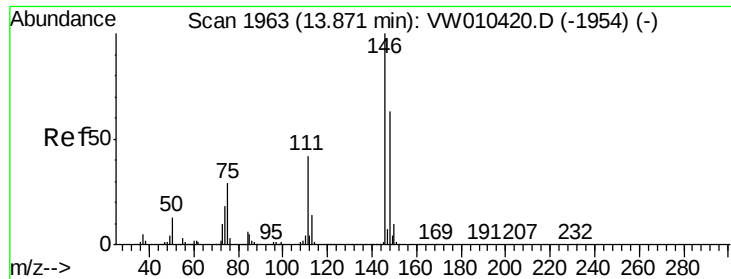
201 63.7 33.8 101.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

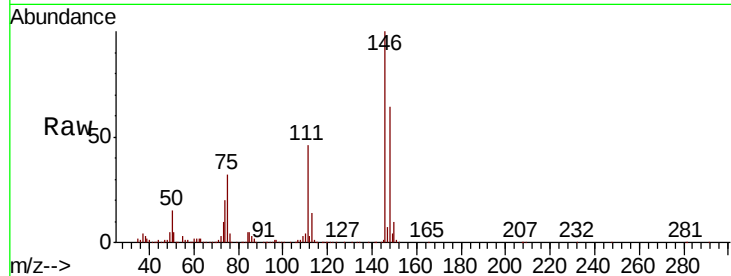




#91
 1,2-Dichlorobenzene
 Concen: 20.381 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.7
148	64.1	31.6	95.0

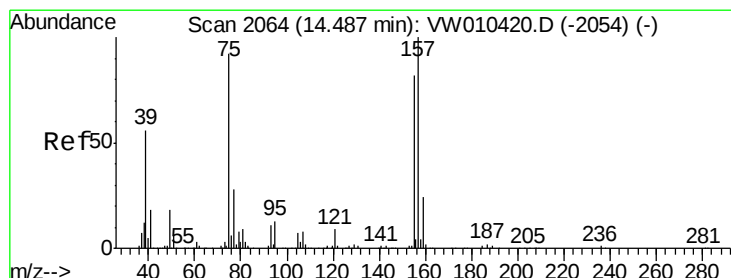
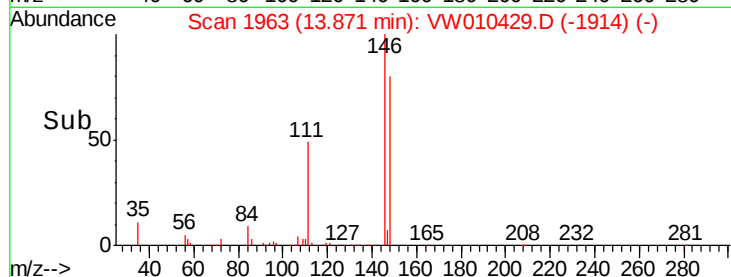
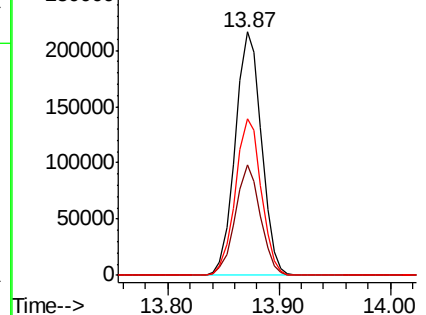


Abundance

Ion 145.90 (145.60 to 146.60): V

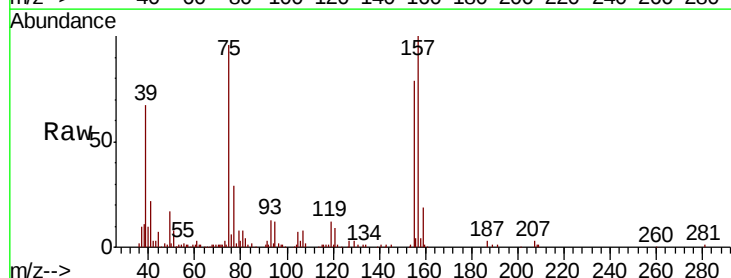
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.603 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.5	130.7
157	104.7	54.8	164.4

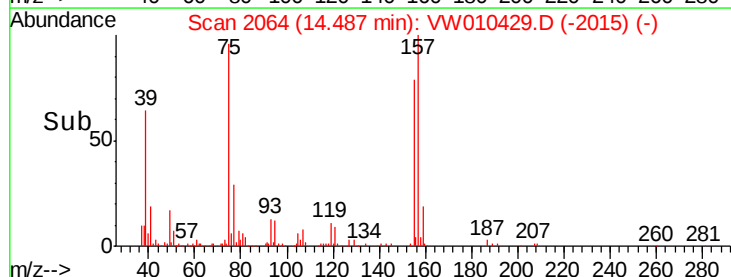
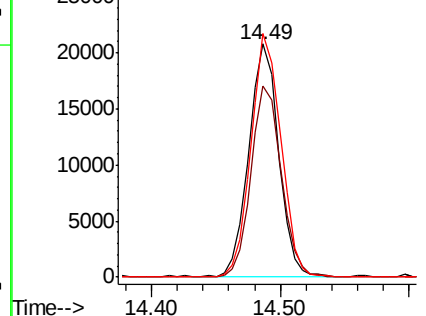


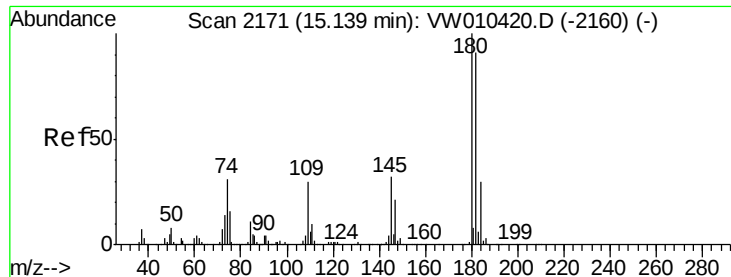
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

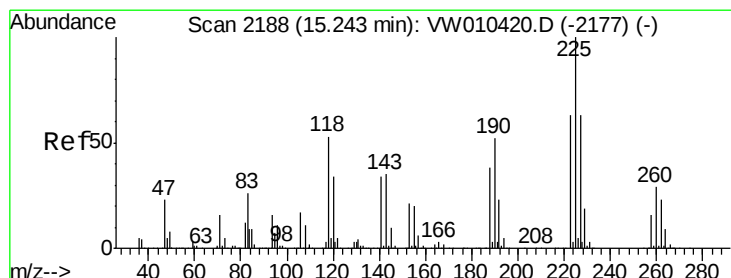
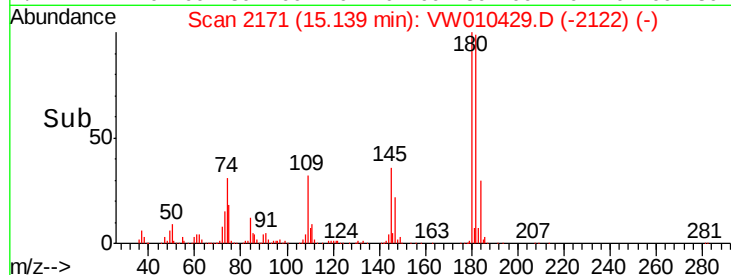
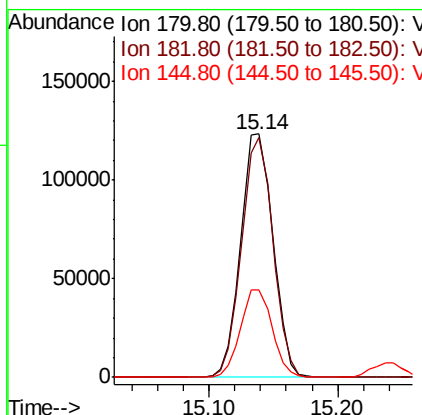
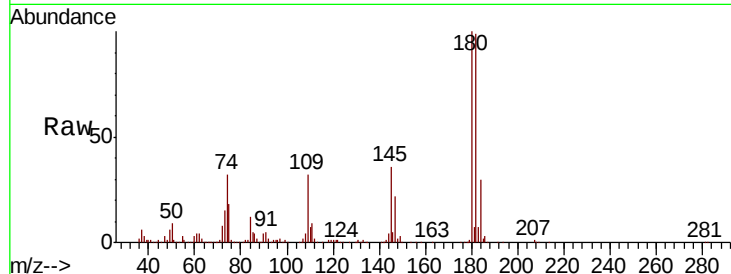




#93
 1,2,4-Trichlorobenzene
 Concen: 19.048 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

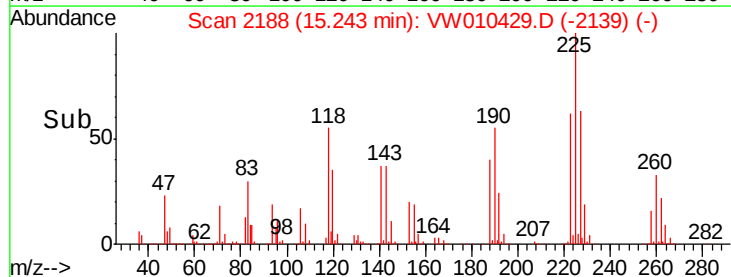
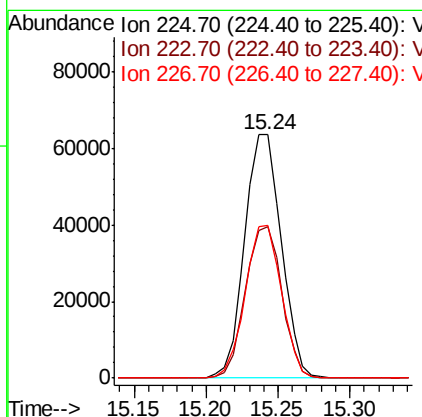
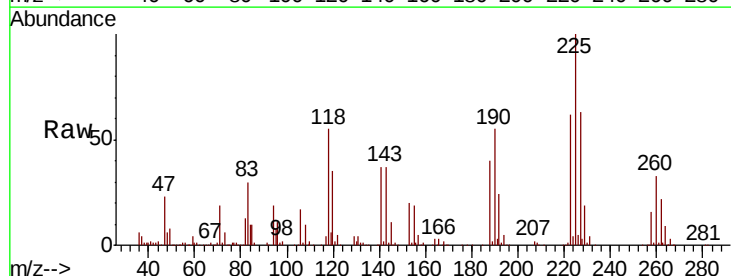
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

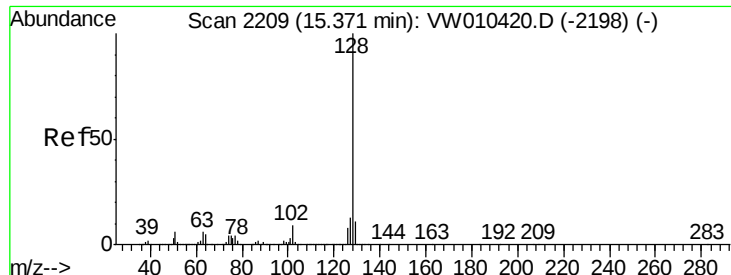
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	35.3	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 18.635 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010429.D
 Acq: 18 May 2019 00:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.2
227	62.1	31.4	94.0

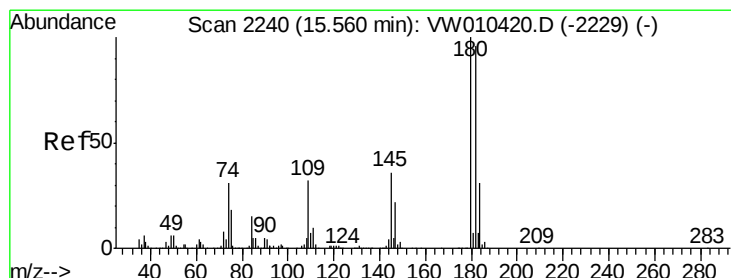
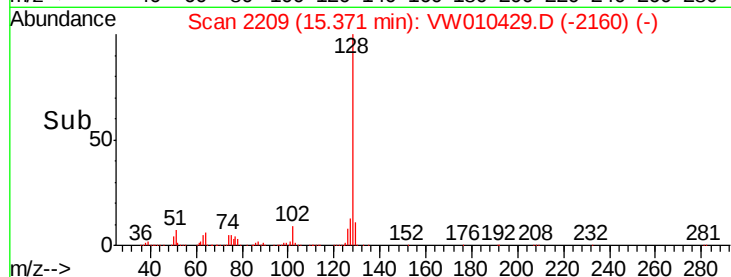
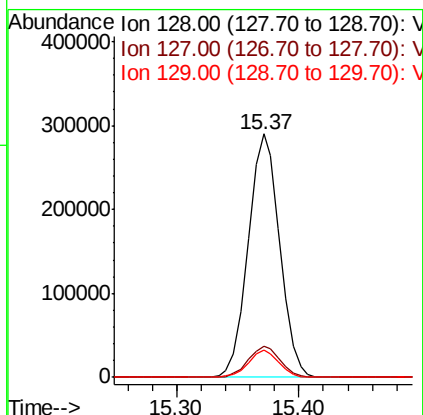
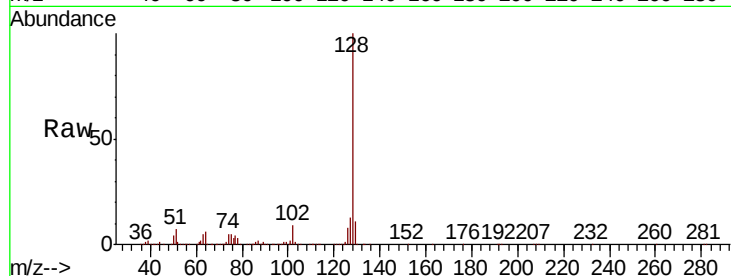




#95
Naphthalene
Concen: 20.383 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Instrument :
MSVOA_W
ClientSampleId :
VW0517SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.296 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010429.D
Acq: 18 May 2019 00:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	37.5	17.8	53.5

