

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005226.D
 Acq On : 07 Sep 2018 23:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 08 05:20:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 03:55:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	466688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	693045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	695540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	19906	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	
35) Dibromofluoromethane	7.89	113	17956	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
50) Toluene-d8	10.33	98	87319	4.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.50%	
62) 4-Bromofluorobenzene	12.63	95	33071	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	21198	5.331 ug/l	93
3) Chloromethane	2.22	50	31010	5.433 ug/l	99
4) Vinyl Chloride	2.36	62	26342	5.232 ug/l	98
5) Bromomethane	2.76	94	21288	4.677 ug/l	98
6) Chloroethane	2.92	64	14916	5.121 ug/l	99
7) Trichlorofluoromethane	3.26	101	28303	5.277 ug/l	100
8) Diethyl Ether	3.68	74	10260	4.901 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19785	5.280 ug/l	100
10) Methyl Iodide	4.28	142	11835	6.024 ug/l	100
11) Tert butyl alcohol	5.18	59	8840	28.076 ug/l	99
12) 1,1-Dichloroethene	4.04	96	17798	5.007 ug/l	89
13) Acrolein	3.90	56	6280	22.313 ug/l	94
14) Allyl chloride	4.68	41	26306	4.691 ug/l	99
15) Acrylonitrile	5.38	53	23307	23.717 ug/l	97
16) Acetone	4.13	43	18430	26.786 ug/l	94
17) Carbon Disulfide	4.38	76	61848	4.837 ug/l	99
18) Methyl Acetate	4.68	43	11618	5.147 ug/l	96
19) Methyl tert-butyl Ether	5.43	73	42618	4.638 ug/l	98
20) Methylene Chloride	4.93	84	50474	3.501 ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	22002	5.094 ug/l	97
22) Diisopropyl ether	6.32	45	54290	4.479 ug/l	95
23) Vinyl Acetate	6.27	43	146165	22.382 ug/l	100
24) 1,1-Dichloroethane	6.22	63	36197	4.994 ug/l	97
25) 2-Butanone	7.18	43	28441	25.494 ug/l	94
26) 2,2-Dichloropropane	7.18	77	30037	5.496 ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	23448	4.937 ug/l	96
28) Bromochloromethane	7.52	49	14393	5.166 ug/l	99
29) Tetrahydrofuran	7.54	42	17055	22.565 ug/l	98
30) Chloroform	7.68	83	37108	5.059 ug/l	100
31) Cyclohexane	7.96	56	38289	5.343 ug/l #	71
32) 1,1,1-Trichloroethane	7.88	97	31293	5.030 ug/l	99
36) 1,1-Dichloropropene	8.09	75	29444	4.917 ug/l	99
37) Ethyl Acetate	7.26	43	11362	4.495 ug/l	97
38) Carbon Tetrachloride	8.08	117	28666	5.175 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005226.D
 Acq On : 07 Sep 2018 23:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 08 05:20:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 03:55:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35543	4.599	ug/l	97
40) Benzene	8.33	78	94029	4.955	ug/l	98
41) Methacrylonitrile	7.54	41	16819	11.696	ug/l #	33
42) 1,2-Dichloroethane	8.41	62	23961	5.185	ug/l	97
43) Isopropyl Acetate	8.43	43	21711	4.578	ug/l	97
44) Trichloroethene	9.10	130	24403	4.906	ug/l	97
45) 1,2-Dichloropropane	9.38	63	22599	5.066	ug/l	98
46) Dibromomethane	9.46	93	11455	5.269	ug/l	99
47) Bromodichloromethane	9.65	83	26285	4.991	ug/l	98
48) Methyl methacrylate	9.44	41	10198	4.245	ug/l #	86
49) 1,4-Dioxane	9.45	88	4113	98.239	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	58800	22.376	ug/l	98
52) Toluene	10.40	92	61851	4.660	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	25487	4.561	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	30677	4.641	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	18440	5.242	ug/l	95
56) Ethyl methacrylate	10.65	69	18823	4.153	ug/l	95
57) 1,3-Dichloropropane	10.94	76	29071	4.944	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	41963	21.370	ug/l	98
59) 2-Hexanone	10.98	43	39354	21.426	ug/l	98
60) Dibromochloromethane	11.13	129	18670	4.800	ug/l	96
61) 1,2-Dibromoethane	11.24	107	15587	4.787	ug/l	100
64) Tetrachloroethene	10.87	164	26310	4.937	ug/l	96
65) Chlorobenzene	11.66	112	76464	5.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21913	4.871	ug/l	97
67) Ethyl Benzene	11.74	91	118567	4.632	ug/l	97
68) m/p-Xylenes	11.85	106	94190	9.196	ug/l	98
69) o-Xylene	12.17	106	43399	4.522	ug/l	99
70) Styrene	12.19	104	69416	4.372	ug/l	98
71) Bromoform	12.35	173	11609	4.646	ug/l #	99
73) Isopropylbenzene	12.47	105	114050	4.387	ug/l	98
74) N-amyl acetate	12.28	43	22357	4.226	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	20752	4.827	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26574	8.652	ug/l #	100
77) Bromobenzene	12.76	156	31022	4.790	ug/l	99
78) n-propylbenzene	12.81	91	138909	4.437	ug/l	99
79) 2-Chlorotoluene	12.90	91	84624	4.607	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	95928	4.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5408	4.436	ug/l	99
82) 4-Chlorotoluene	12.99	91	89301	4.636	ug/l	99
83) tert-Butylbenzene	13.21	119	82780	4.365	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	98932	4.333	ug/l	99
85) sec-Butylbenzene	13.39	105	122670	4.441	ug/l	100
86) p-Isopropyltoluene	13.51	119	107215	4.362	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	64581	4.881	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65325	4.977	ug/l	94
89) n-Butylbenzene	13.83	91	98102	4.332	ug/l	98
90) Hexachloroethane	14.10	117	18986	4.694	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	58155	4.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3615	4.991	ug/l	96

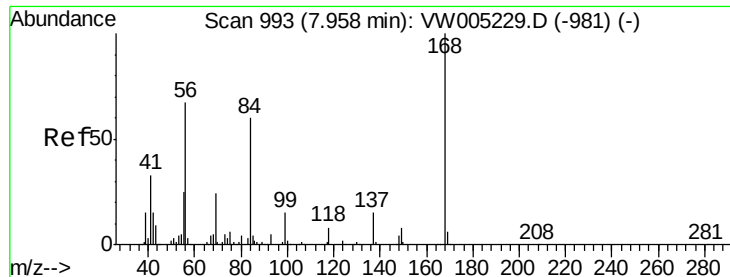
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
Data File : VW005226.D
Acq On : 07 Sep 2018 23:46
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Sep 08 05:20:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 08 03:55:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	35478	4.446	ug/l	99
94) Hexachlorobutadiene	15.25	225	24498	4.898	ug/l	98
95) Naphthalene	15.38	128	53357	6.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	31707	4.483	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

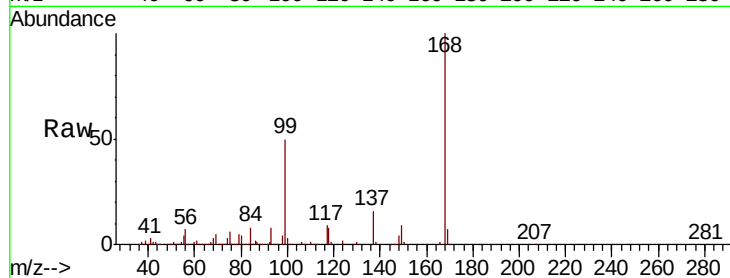
VSTDIC005

Tgt Ion:168 Resp: 466688

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

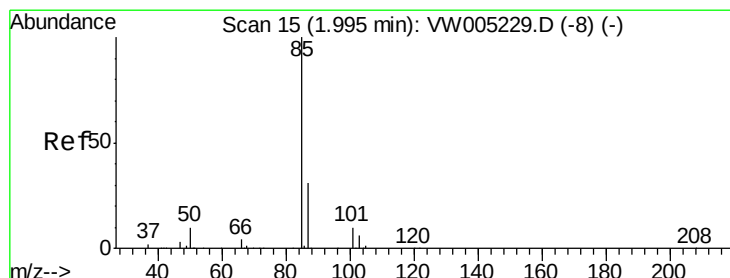
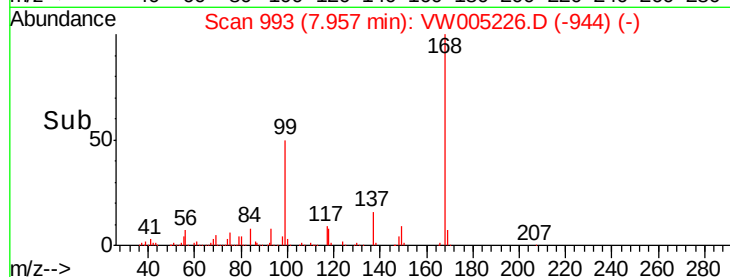
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 5.331 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005226.D

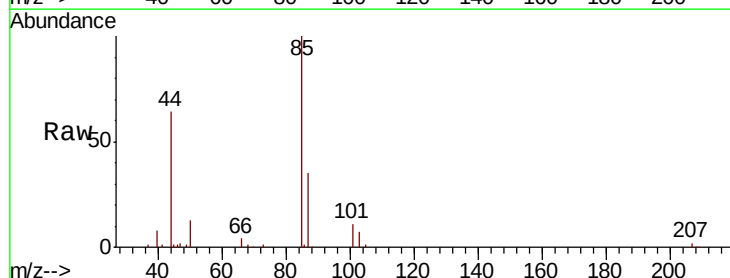
Acq: 07 Sep 2018 23:46

Tgt Ion: 85 Resp: 21198

Ion Ratio Lower Upper

85 100

87 35.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

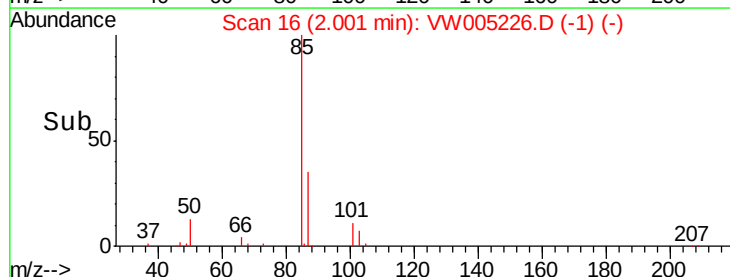
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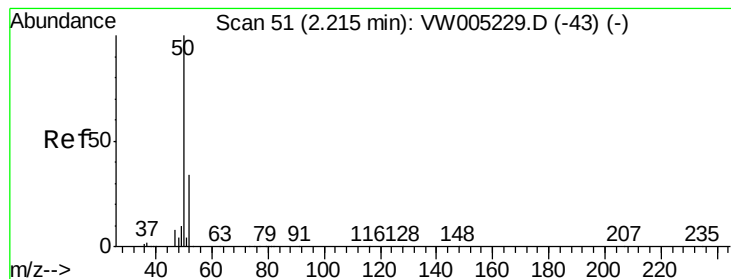
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 5.433 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

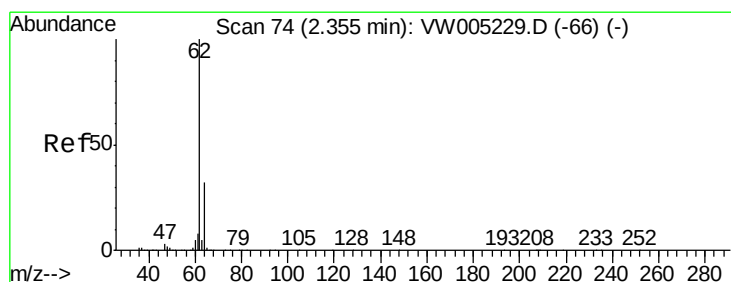
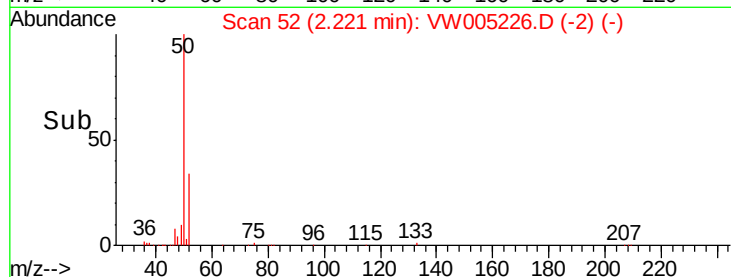
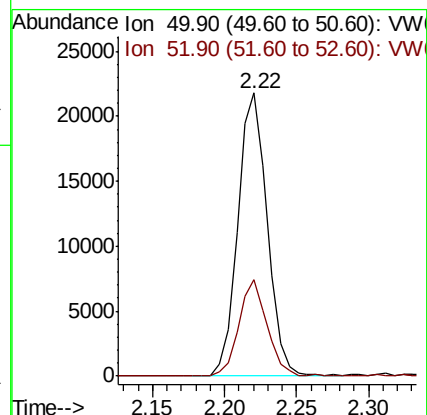
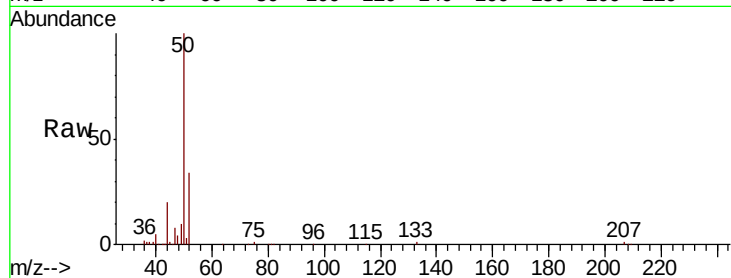
VSTDIC005

Tgt Ion: 50 Resp: 31010

Ion Ratio Lower Upper

50 100

52 33.9 26.9 40.3



#4

Vinyl Chloride

Concen: 5.232 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005226.D

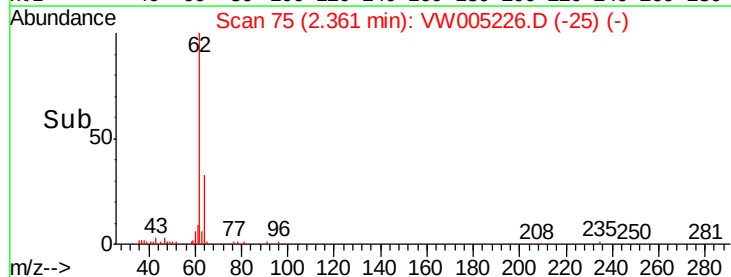
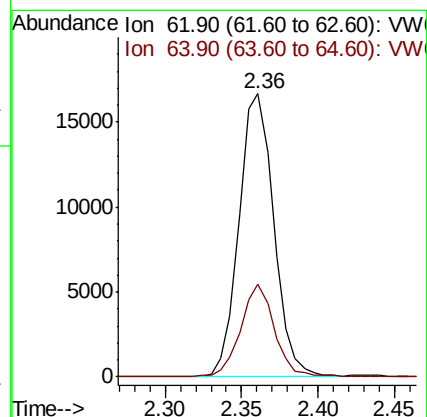
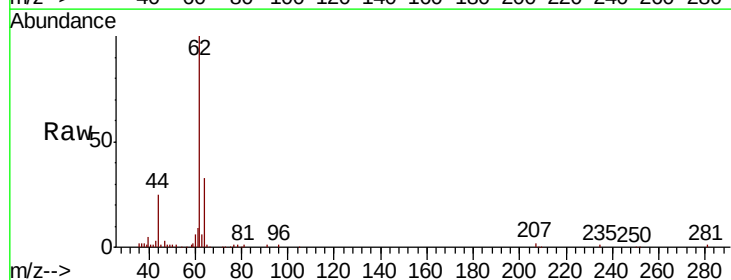
Acq: 07 Sep 2018 23:46

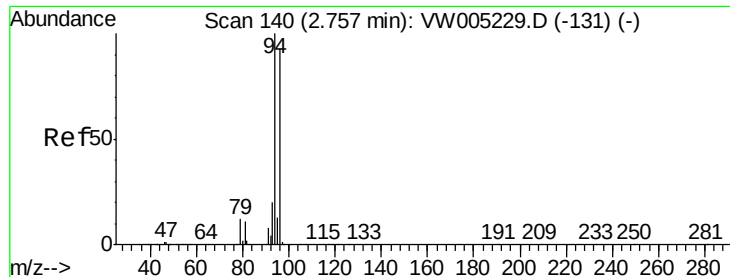
Tgt Ion: 62 Resp: 26342

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 4.677 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

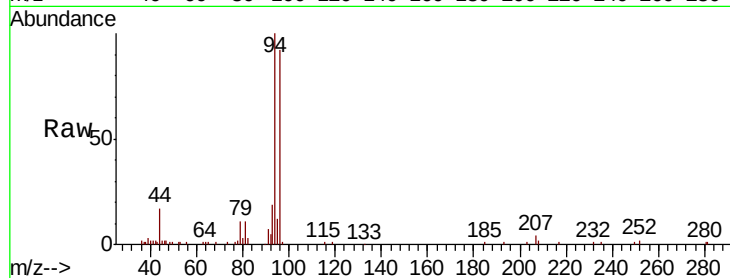
VSTDIC005

Tgt Ion: 94 Resp: 21288

Ion Ratio Lower Upper

94 100

96 91.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

12000

10000

8000

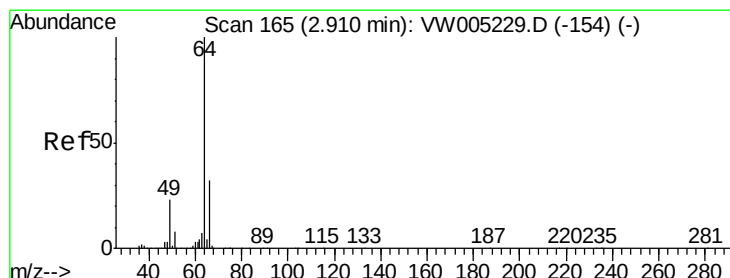
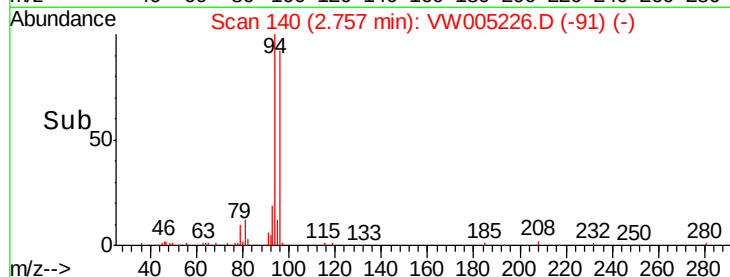
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 5.121 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW005226.D

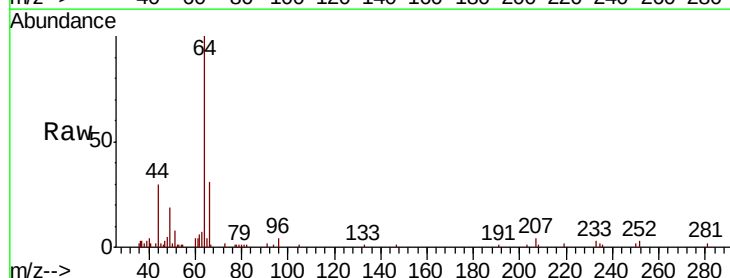
Acq: 07 Sep 2018 23:46

Tgt Ion: 64 Resp: 14916

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

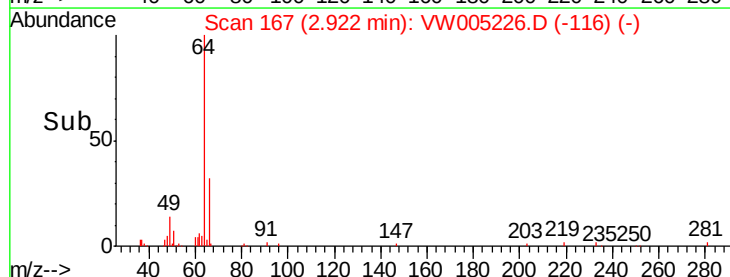
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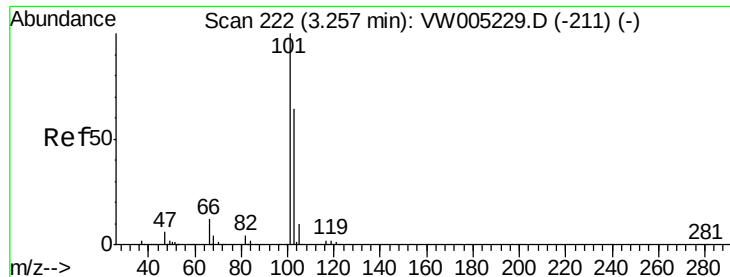
4000

2000

0

Time-->



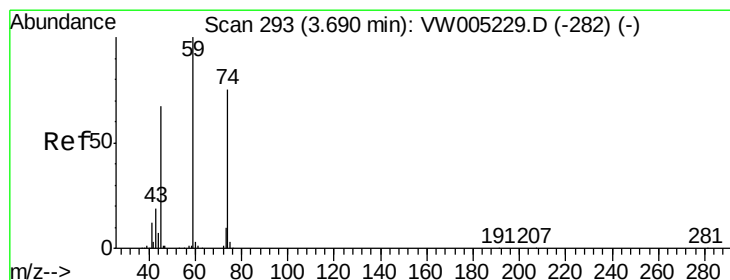
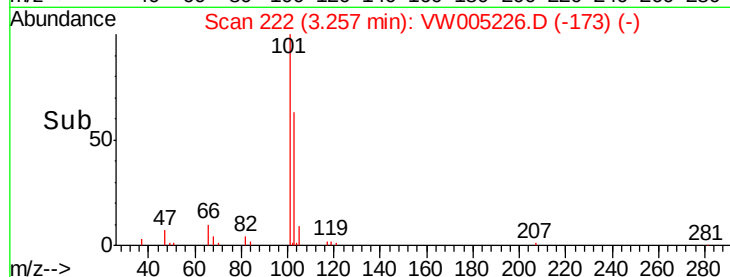
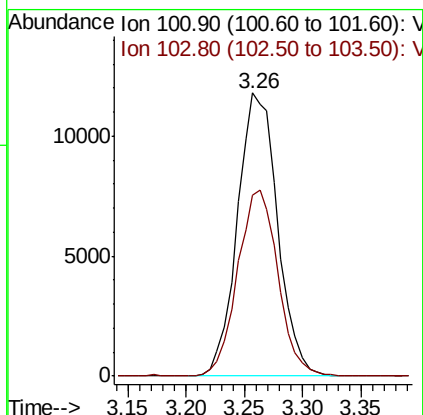
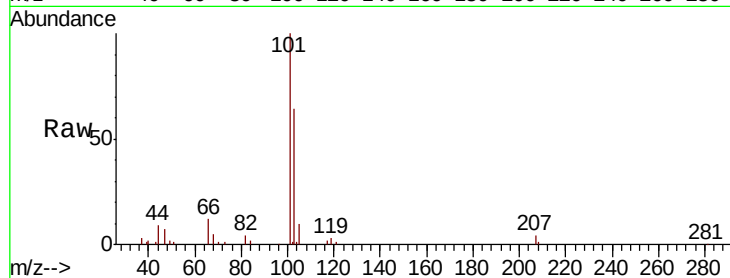


#7

Trichlorofluoromethane
 Concen: 5.277 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

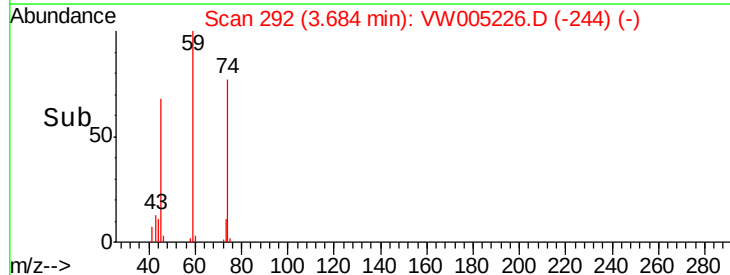
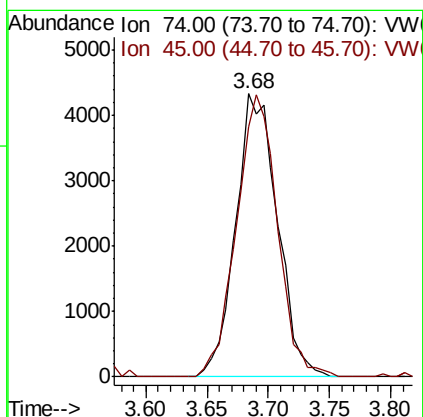
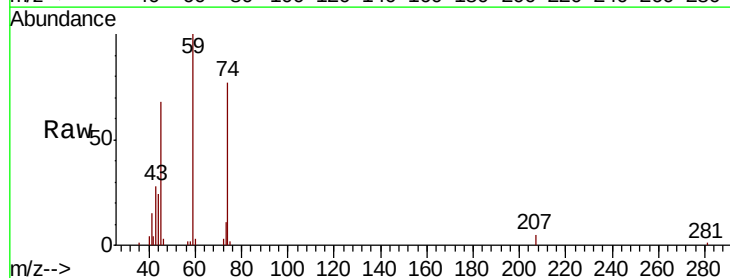
Tgt Ion: 101 Resp: 28303
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6

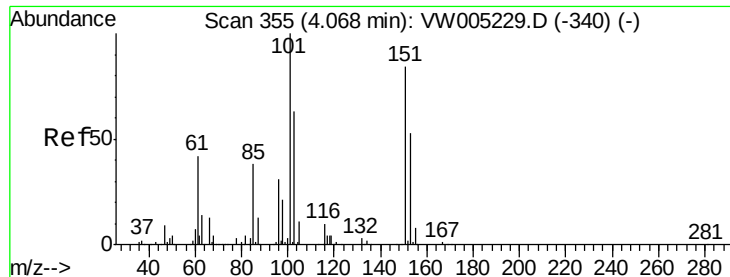


#8

Diethyl Ether
 Concen: 4.901 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 74 Resp: 10260
 Ion Ratio Lower Upper
 74 100
 45 97.8 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.280 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

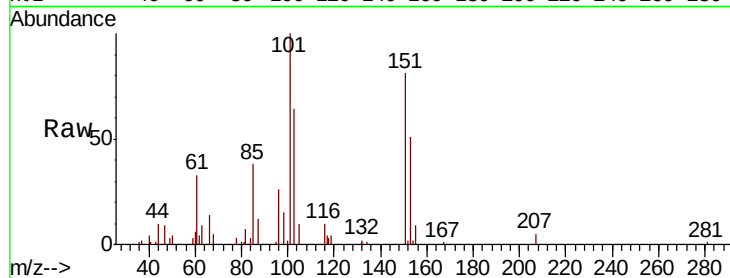
Tgt Ion:101 Resp: 19785

Ion Ratio Lower Upper

101 100

85 40.4 32.5 48.7

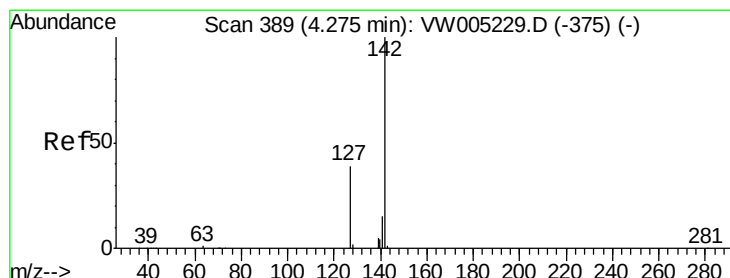
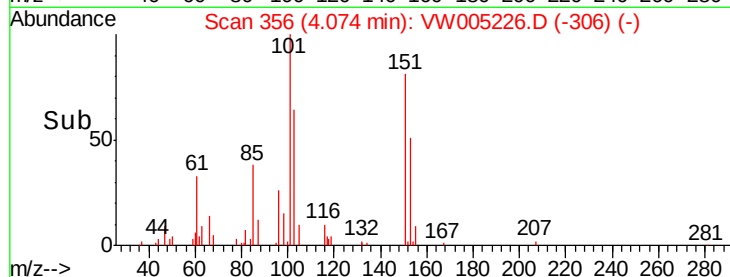
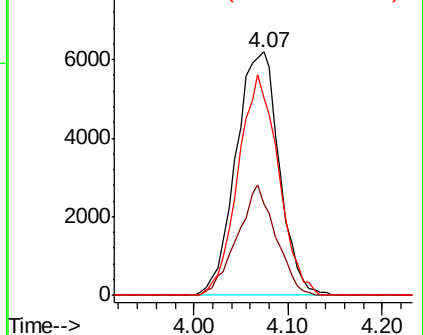
151 84.8 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.024 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

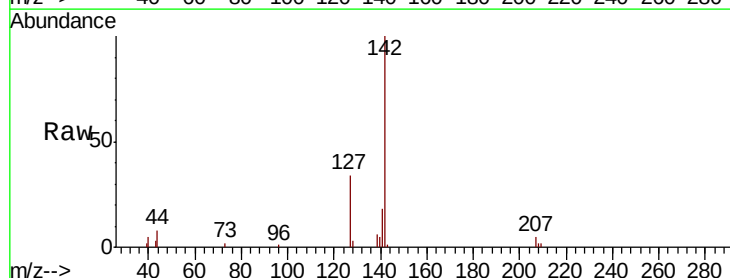
Tgt Ion:142 Resp: 11835

Ion Ratio Lower Upper

142 100

127 38.4 30.6 45.8

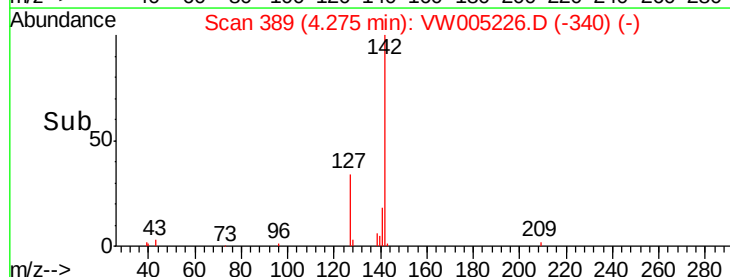
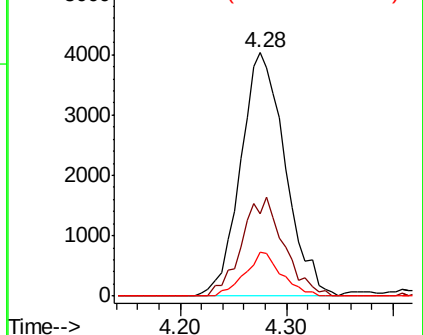
141 14.8 11.6 17.4

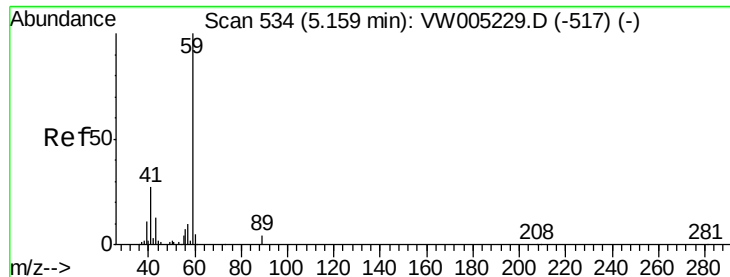


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

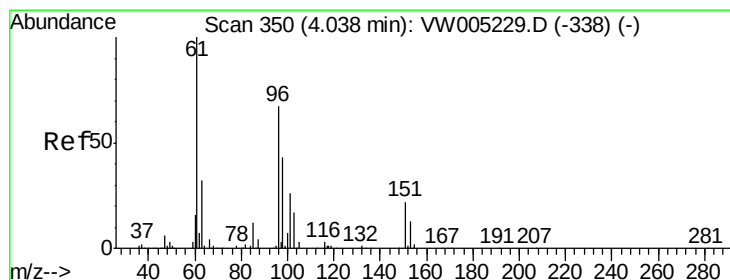
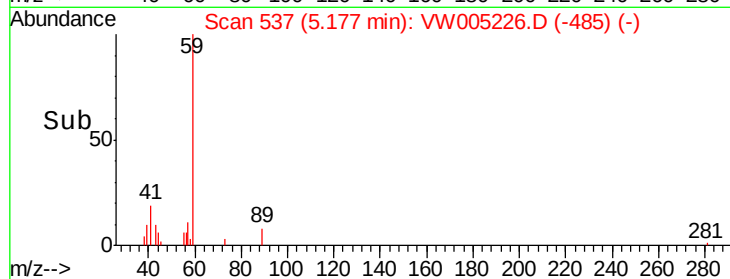
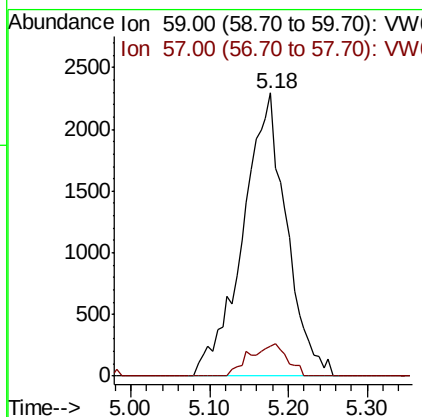
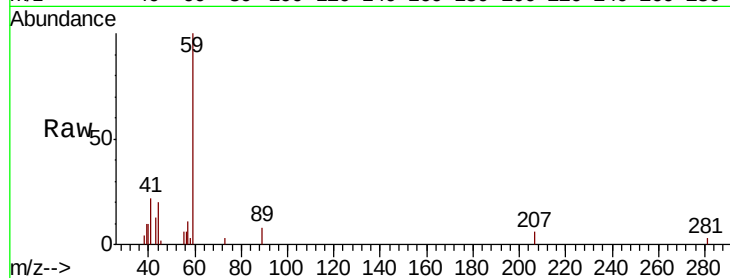




#11
Tert butyl alcohol
Concen: 28.076 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

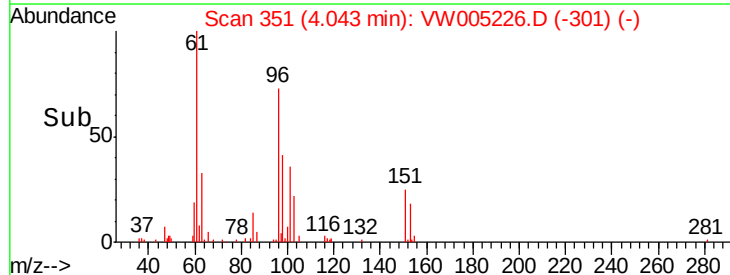
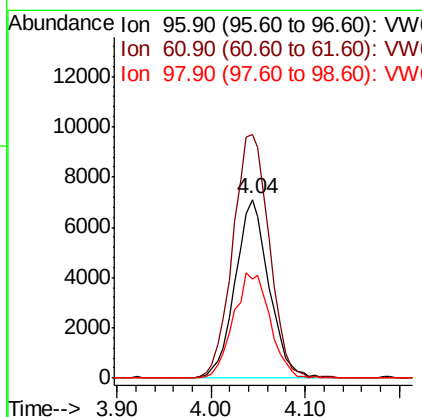
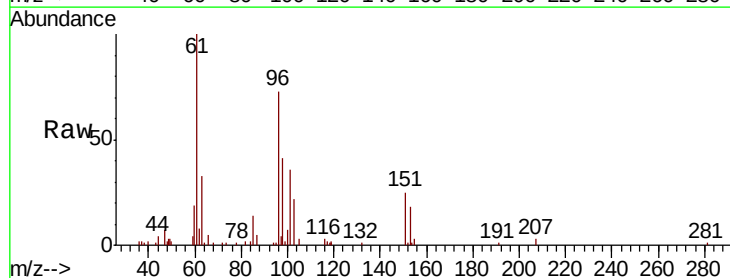
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

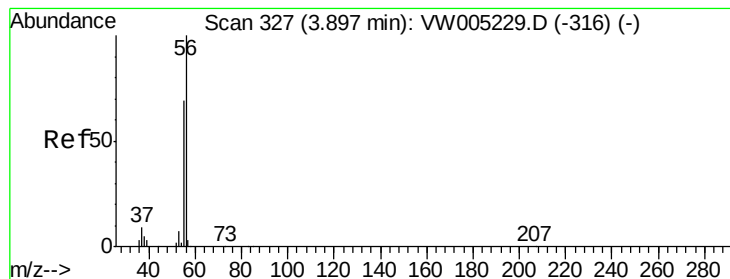
Tgt Ion: 59 Resp: 8840
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 5.007 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 96 Resp: 17798
Ion Ratio Lower Upper
96 100
61 136.2 120.3 180.5
98 55.5 51.9 77.9





#13

Acrolein

Concen: 22.313 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

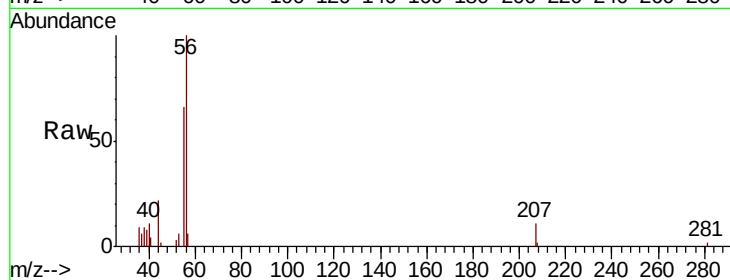
VSTDIC005

Tgt Ion: 56 Resp: 6280

Ion Ratio Lower Upper

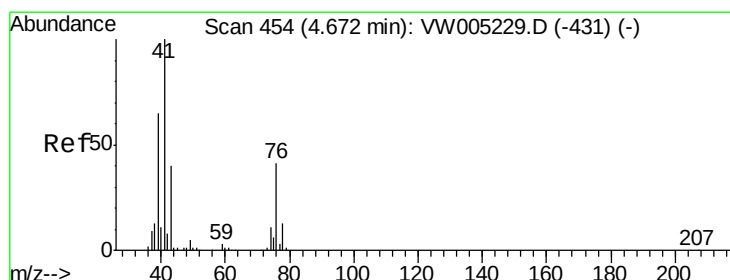
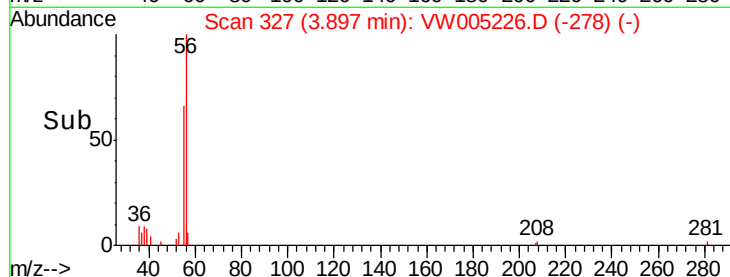
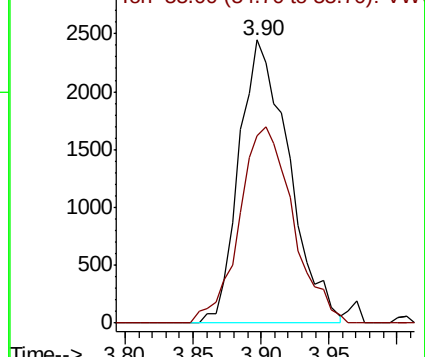
56 100

55 74.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 4.691 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

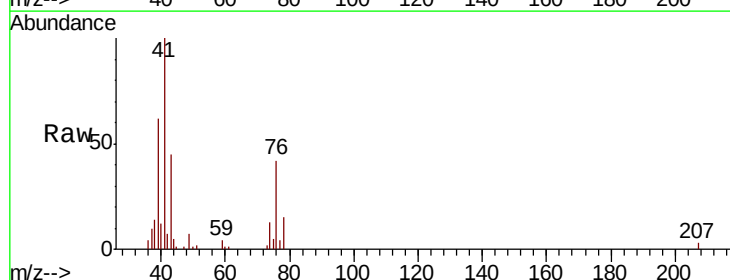
Tgt Ion: 41 Resp: 26306

Ion Ratio Lower Upper

41 100

39 62.8 49.1 73.7

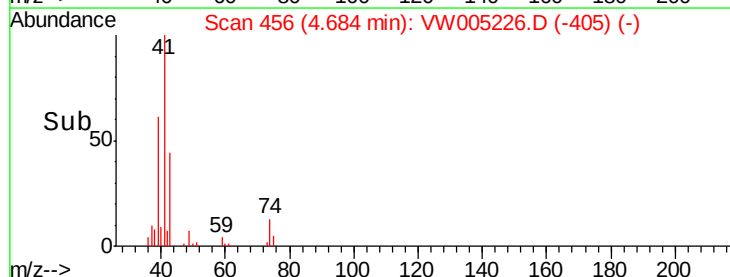
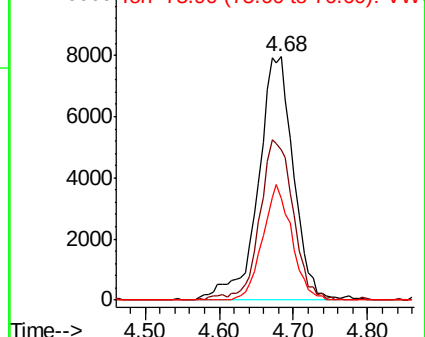
76 39.1 31.0 46.6

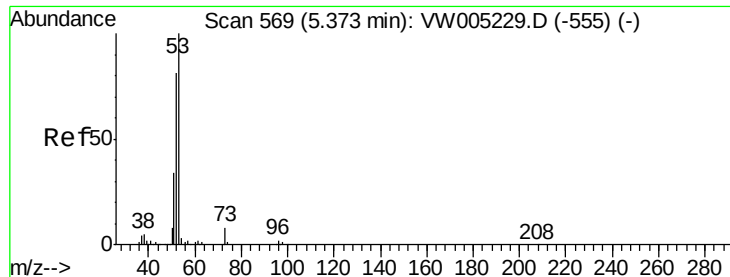


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 23.717 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

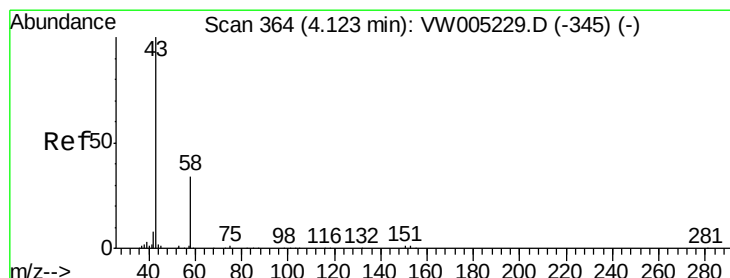
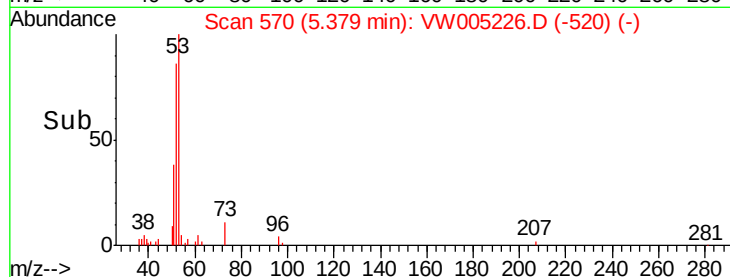
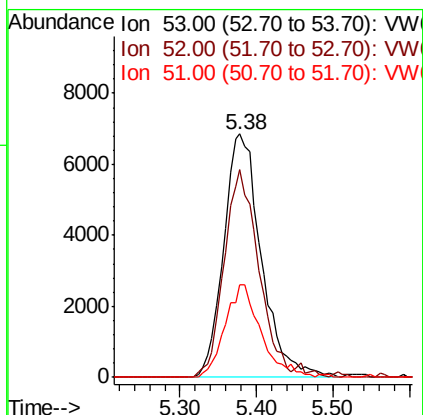
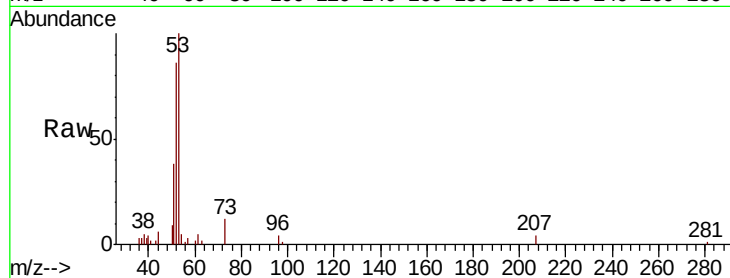
Tgt Ion: 53 Resp: 23307

Ion Ratio Lower Upper

53 100

52 77.7 64.9 97.3

51 36.3 28.2 42.2



#16

Acetone

Concen: 26.786 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW005226.D

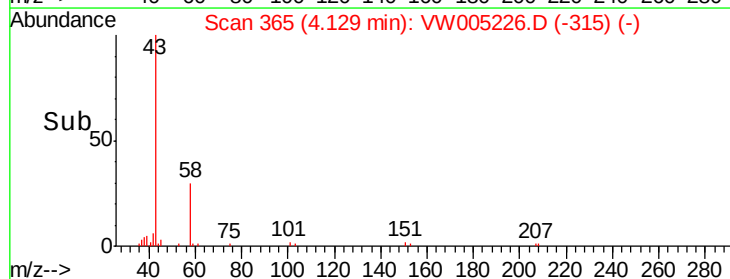
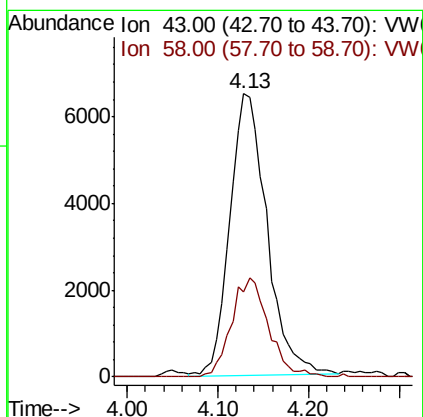
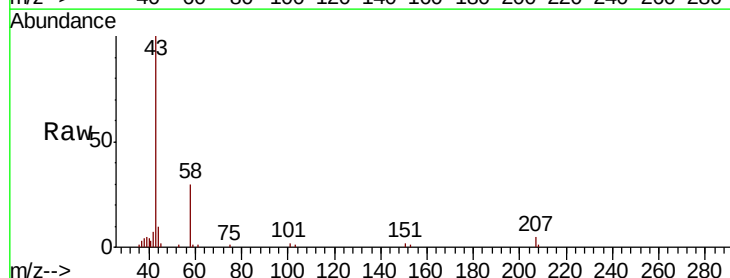
Acq: 07 Sep 2018 23:46

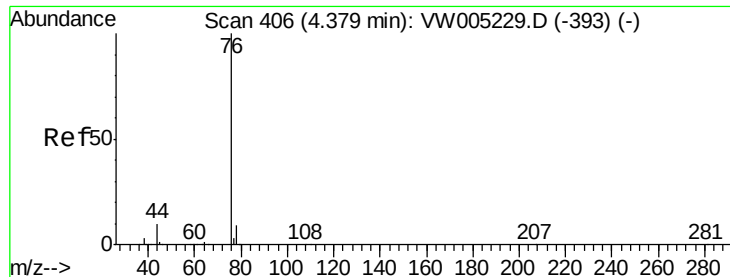
Tgt Ion: 43 Resp: 18430

Ion Ratio Lower Upper

43 100

58 30.4 27.0 40.4

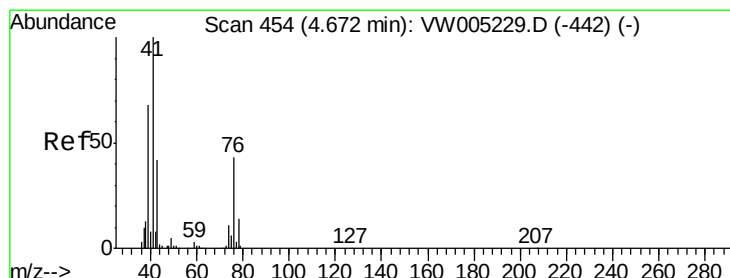
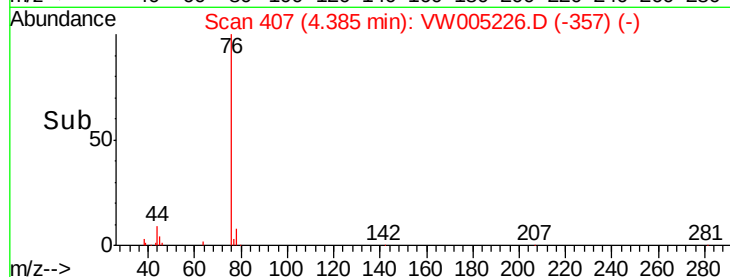
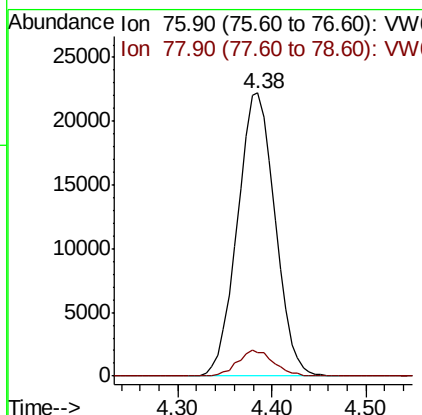
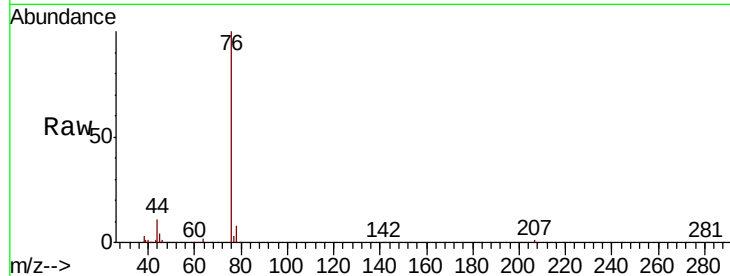




#17
Carbon Disulfide
Concen: 4.837 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

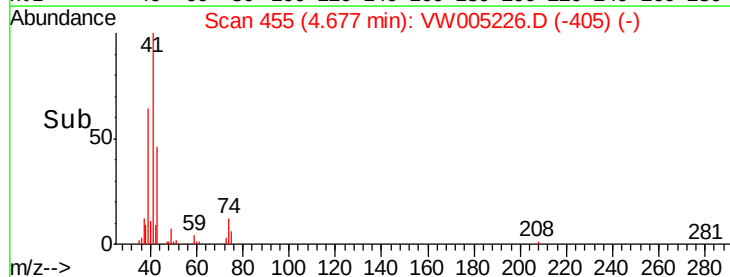
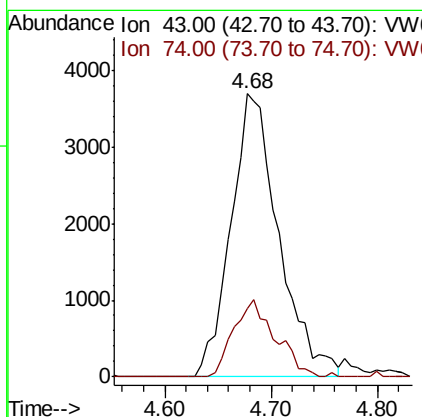
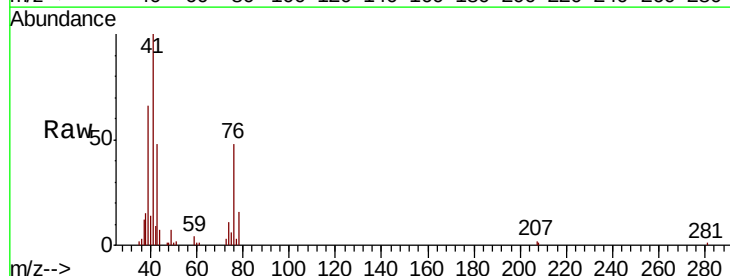
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

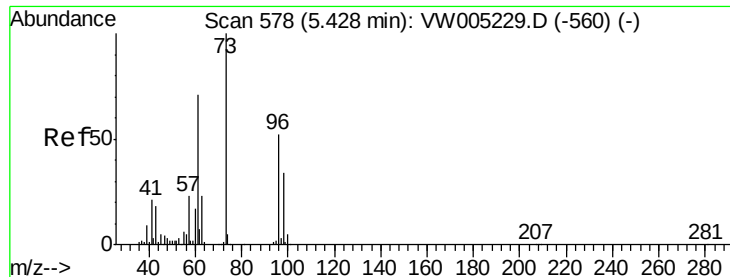
Tgt Ion: 76 Resp: 61848
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#18
Methyl Acetate
Concen: 5.147 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 43 Resp: 11618
Ion Ratio Lower Upper
43 100
74 23.9 20.8 31.2

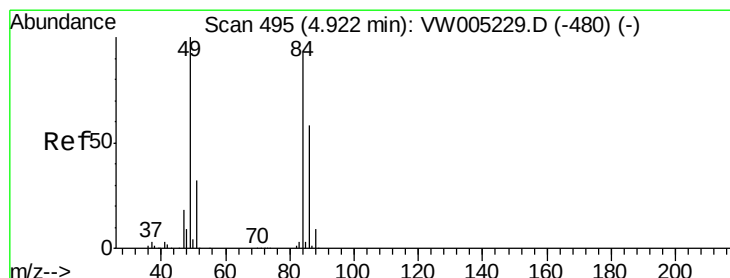
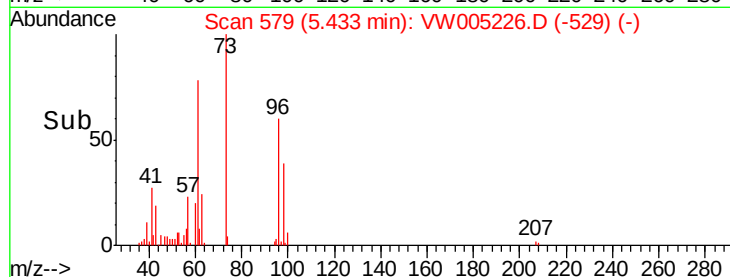
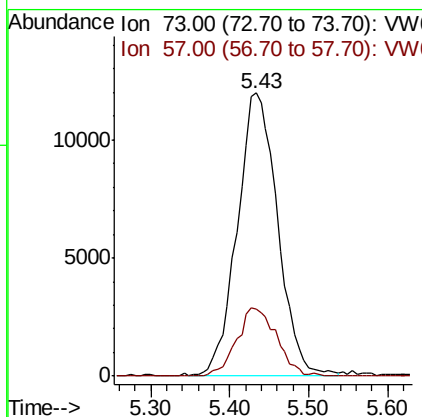
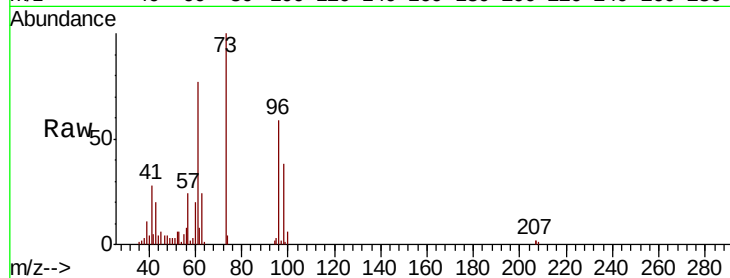




#19
Methyl tert-butyl Ether
Concen: 4.638 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

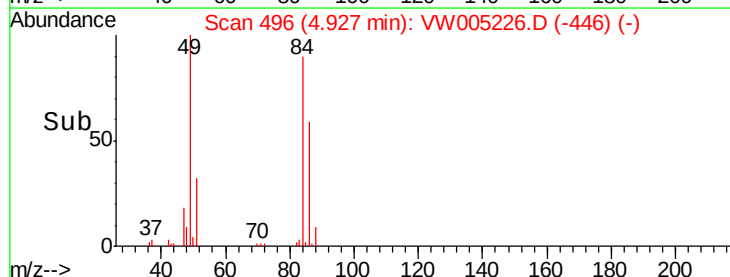
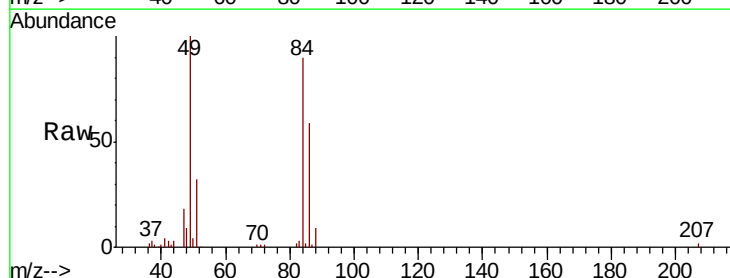
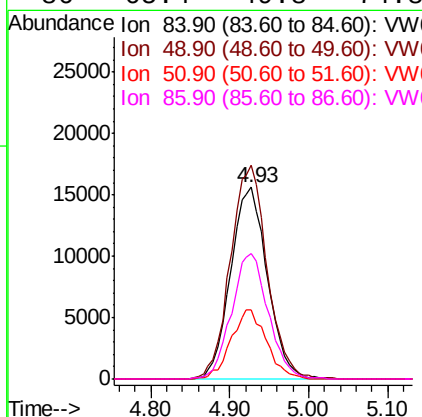
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

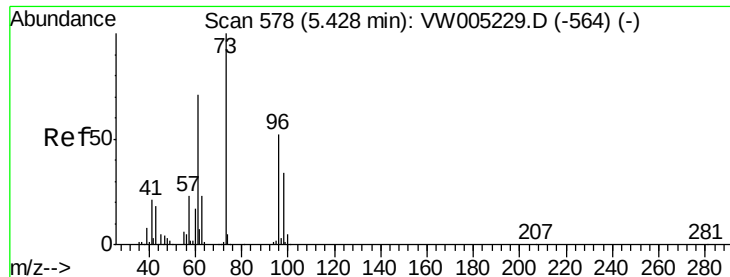
Tgt Ion: 73 Resp: 42618
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.2



#20
Methylene Chloride
Concen: 3.501 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 84 Resp: 50474
Ion Ratio Lower Upper
84 100
49 111.3 85.8 128.6
51 36.1 27.7 41.5
86 65.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 5.094 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

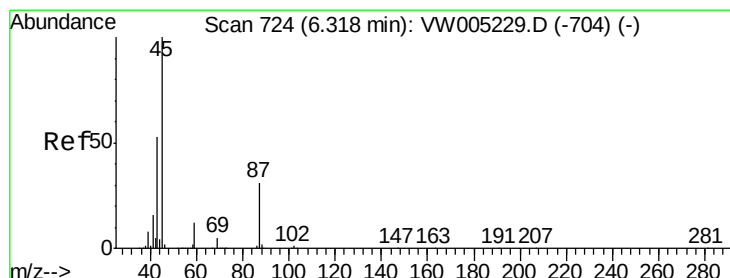
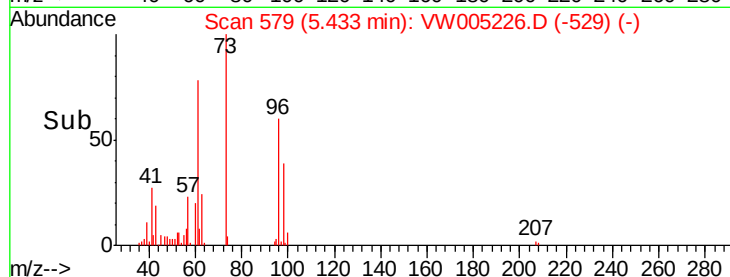
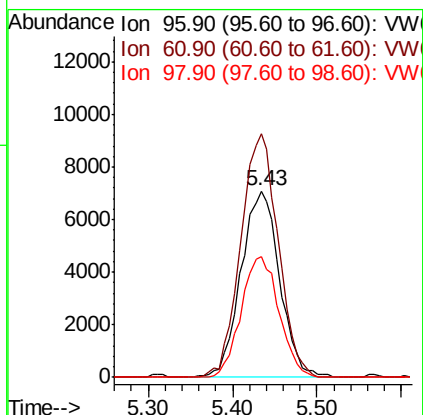
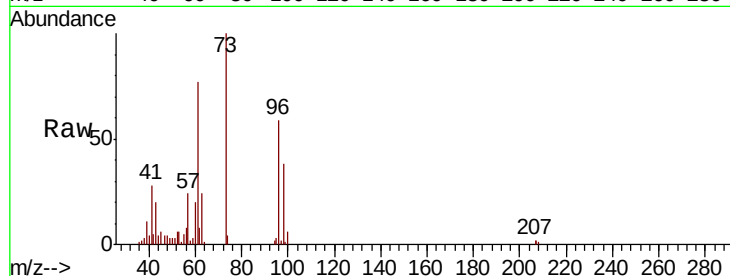
Tgt Ion: 96 Resp: 22002

Ion Ratio Lower Upper

96 100

61 130.6 108.2 162.4

98 64.9 51.9 77.9



#22

Diisopropyl ether

Concen: 4.479 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion: 45 Resp: 54290

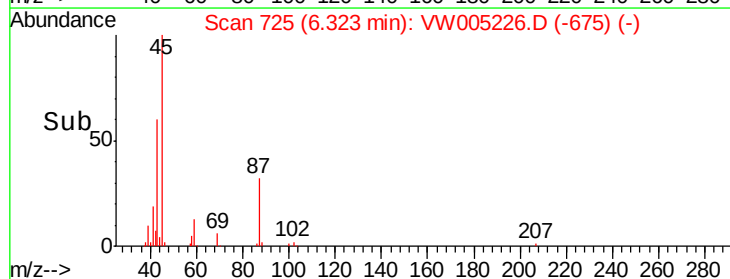
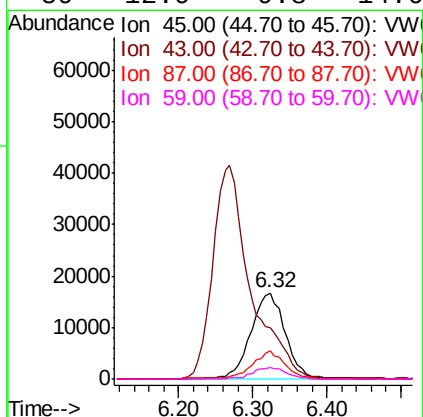
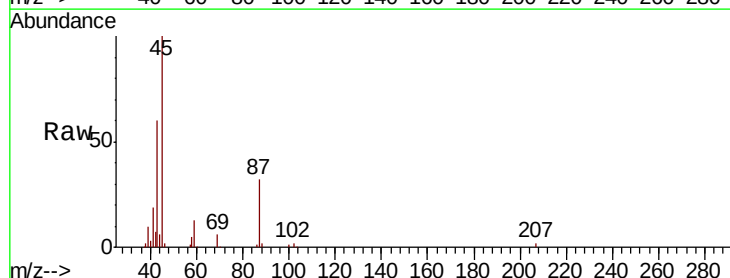
Ion Ratio Lower Upper

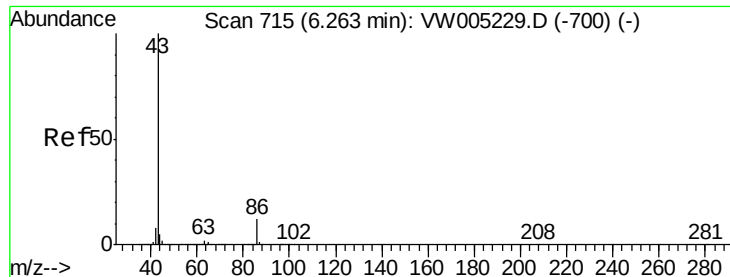
45 100

43 58.5 42.5 63.7

87 32.3 24.7 37.1

59 12.9 9.8 14.6





#23

Vinyl Acetate

Concen: 22.382 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

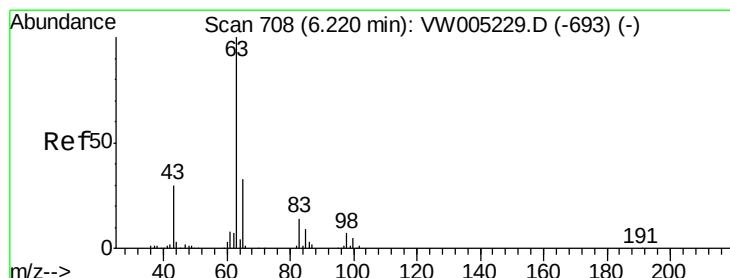
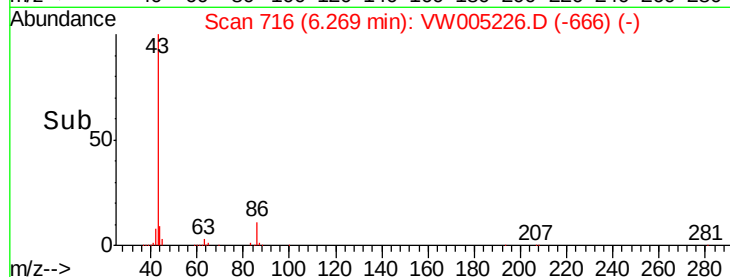
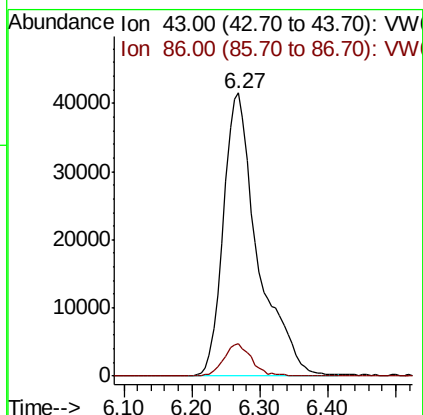
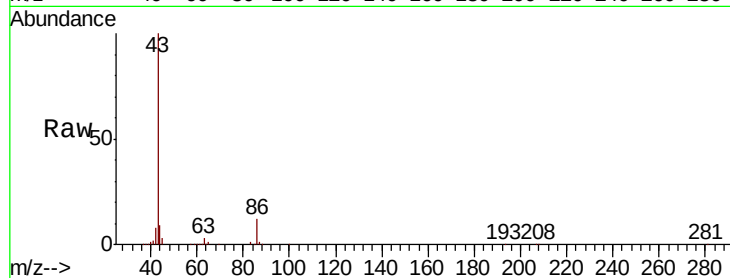
VSTDIC005

Tgt Ion: 43 Resp: 146165

Ion Ratio Lower Upper

43 100

86 11.6 9.3 13.9



#24

1,1-Dichloroethane

Concen: 4.994 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

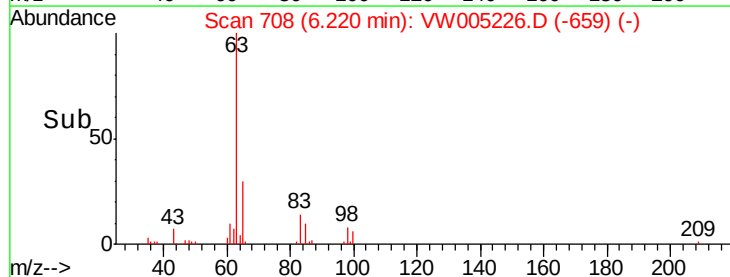
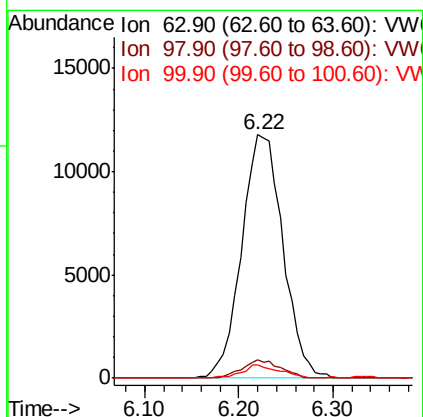
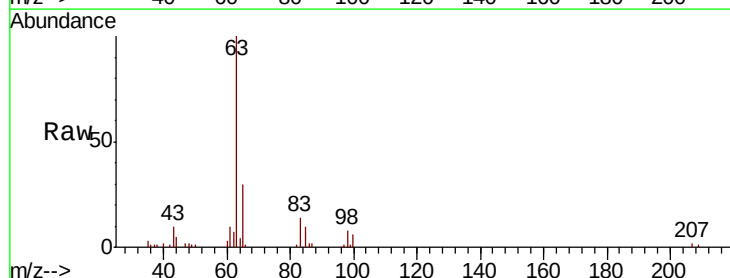
Tgt Ion: 63 Resp: 36197

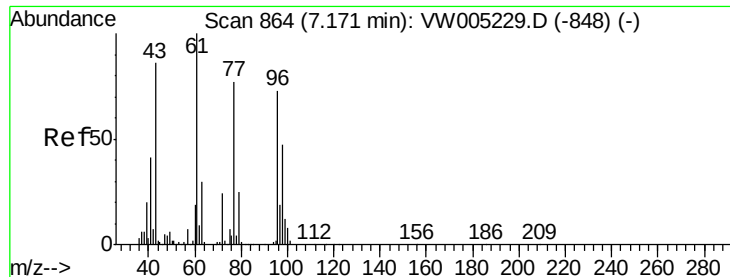
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 5.6 2.3 6.8

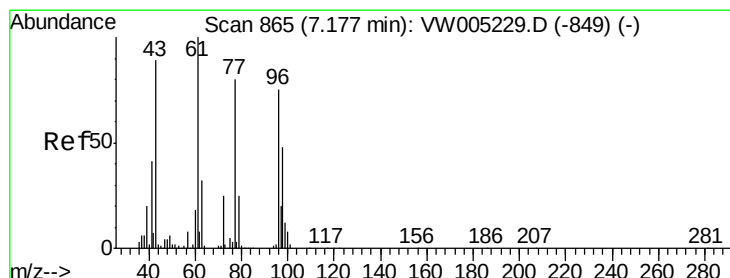
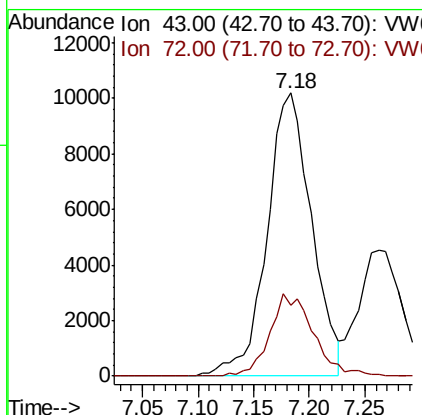
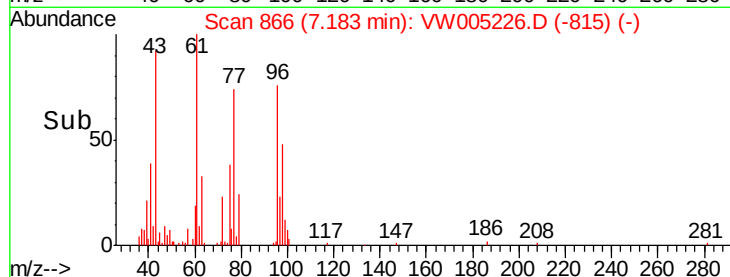
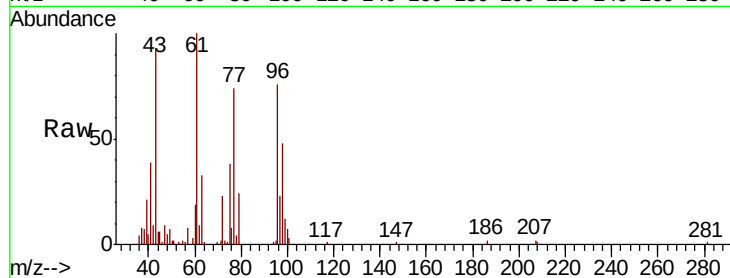




#25
 2-Butanone
 Concen: 25.494 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

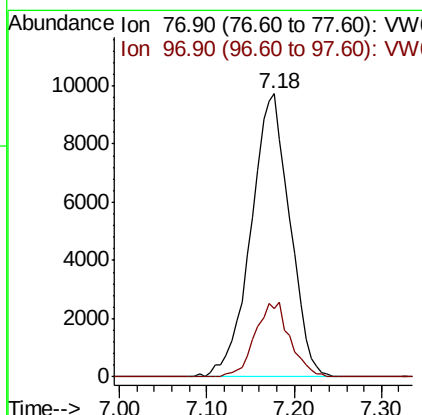
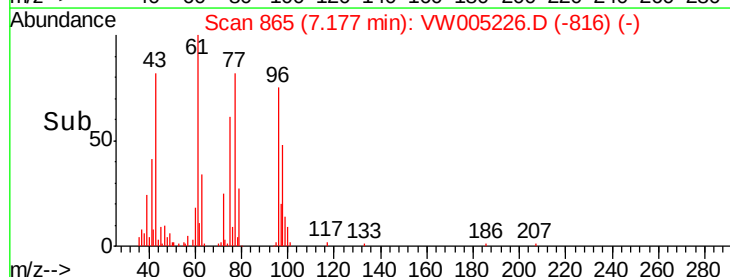
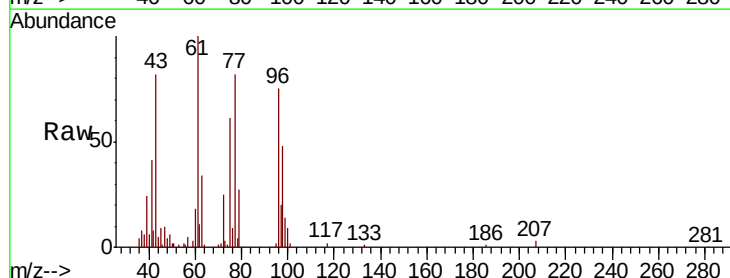
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

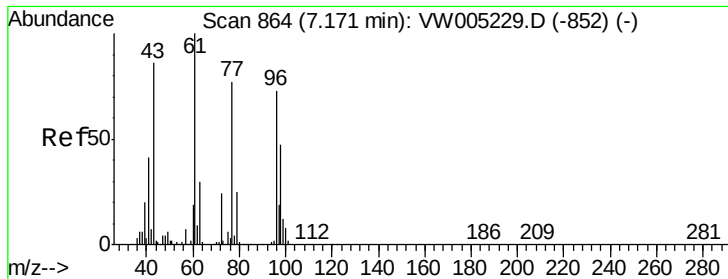
Tgt Ion: 43 Resp: 28441
 Ion Ratio Lower Upper
 43 100
 72 25.1 22.6 33.8



#26
 2,2-Dichloropropane
 Concen: 5.496 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 77 Resp: 30037
 Ion Ratio Lower Upper
 77 100
 97 23.6 12.3 36.9



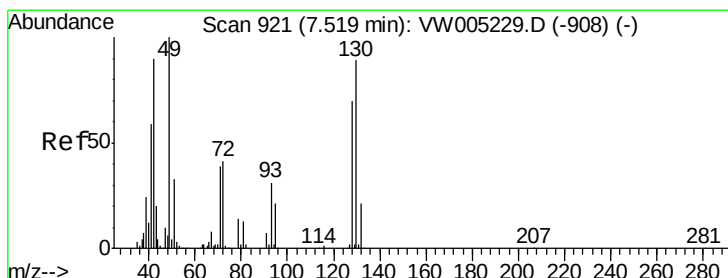
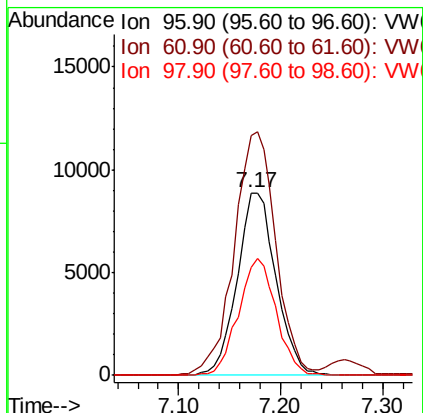
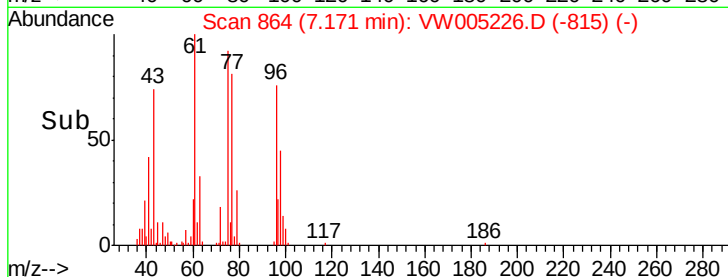
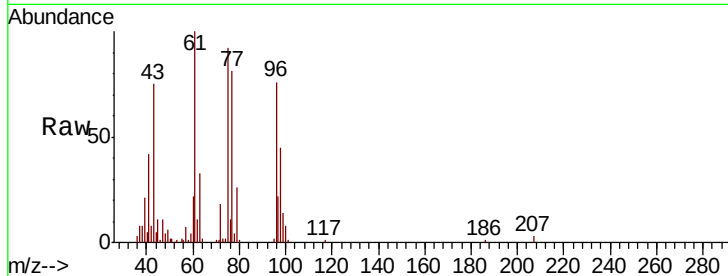


#27

cis-1,2-Dichloroethene
Concen: 4.937 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

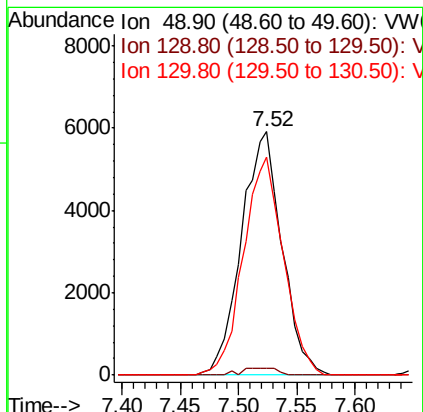
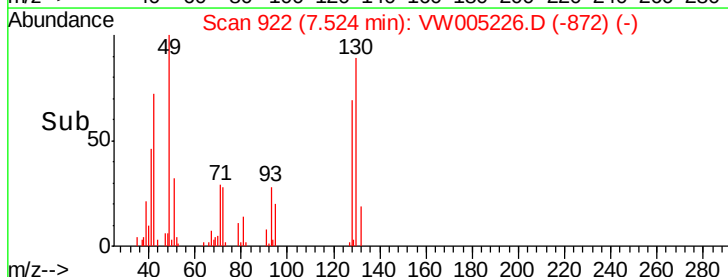
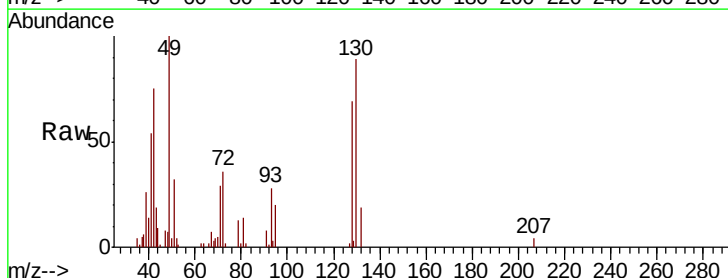
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	274.6
98	62.2	0.0	129.6

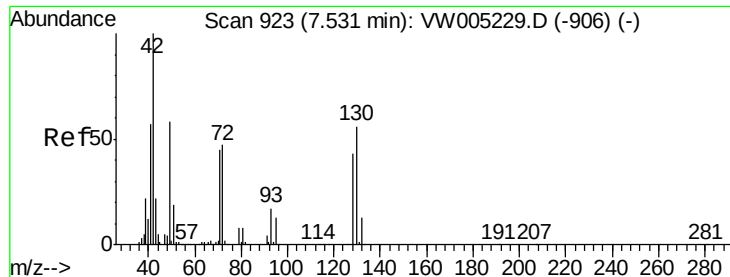


#28

Bromochloromethane
Concen: 5.166 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	88.2	70.0	105.0





#29

Tetrahydrofuran

Concen: 22.565 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

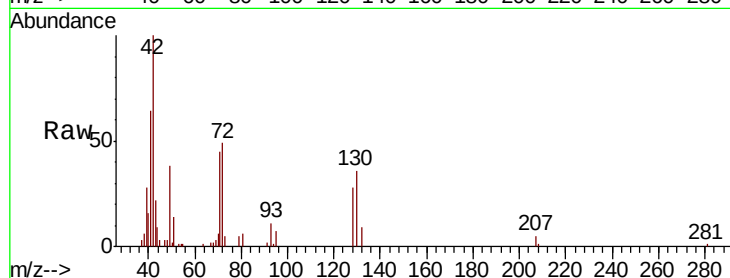
Tgt Ion: 42 Resp: 17055

Ion Ratio Lower Upper

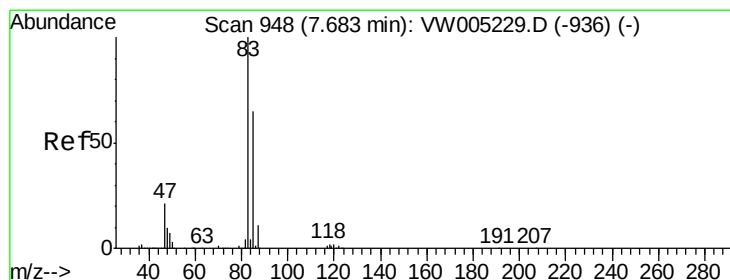
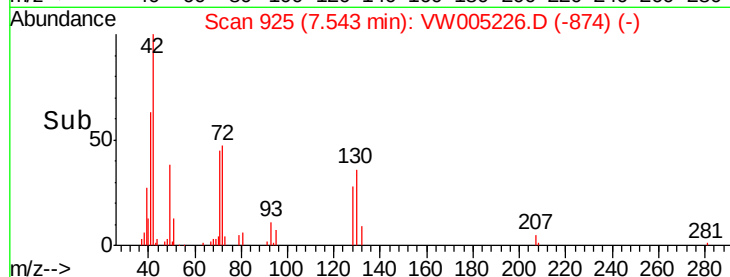
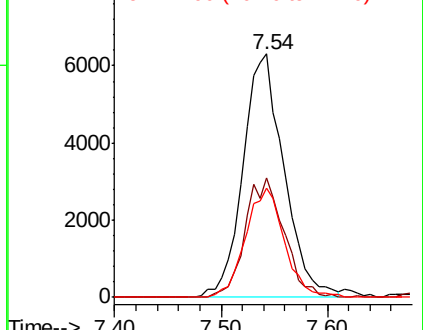
42 100

72 46.3 37.4 56.2

71 42.4 35.5 53.3



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: 5.059 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005226.D

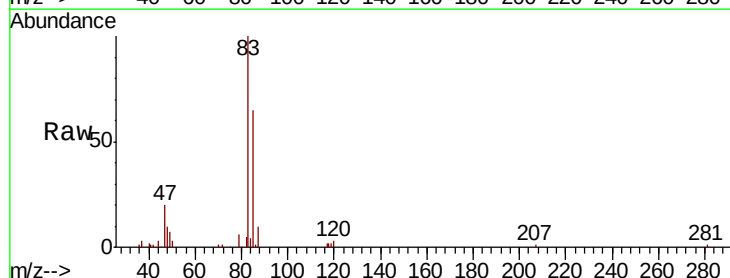
Acq: 07 Sep 2018 23:46

Tgt Ion: 83 Resp: 37108

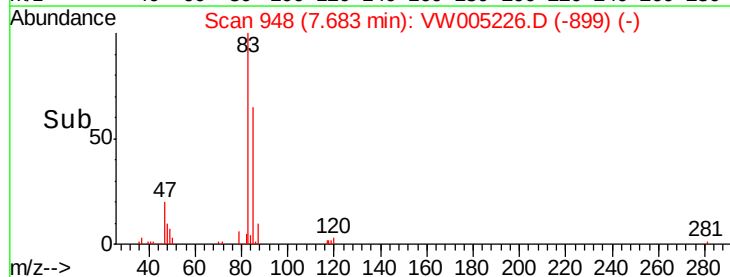
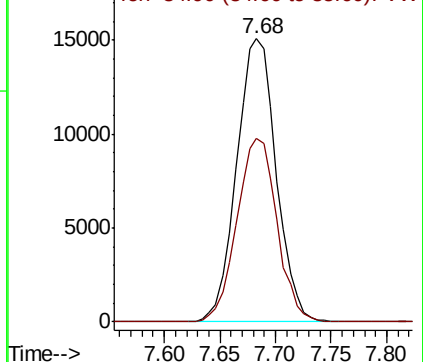
Ion Ratio Lower Upper

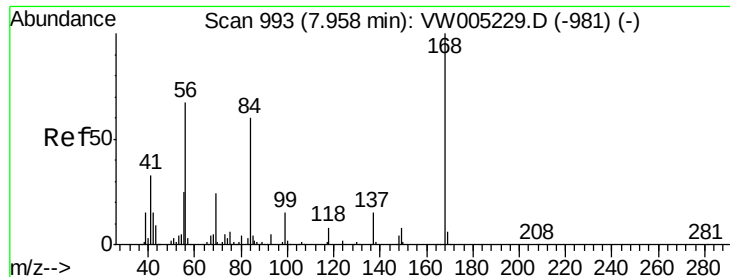
83 100

85 65.0 51.9 77.9



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

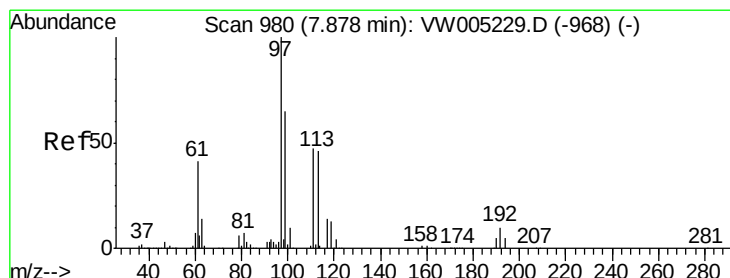
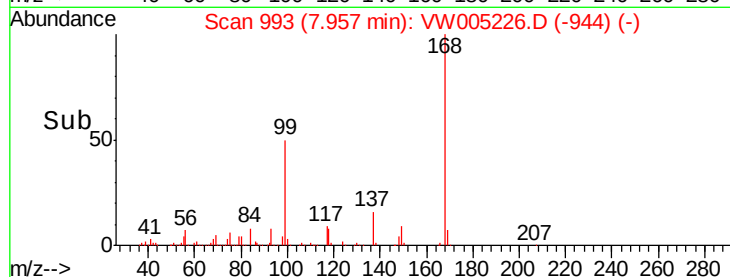
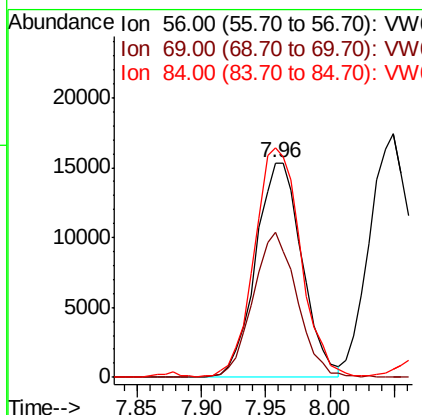
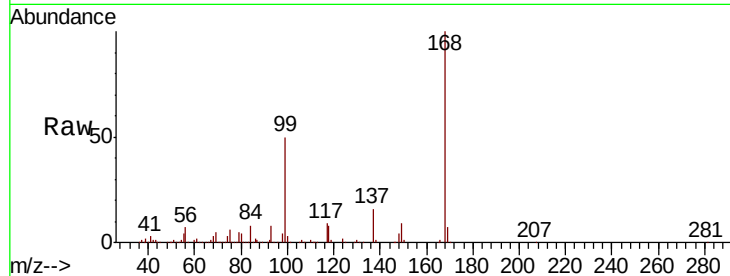




#31
Cyclohexane
Concen: 5.343 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

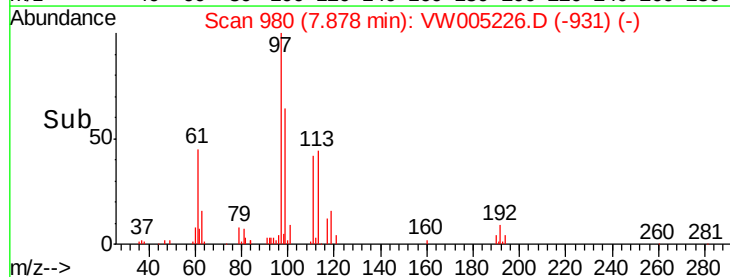
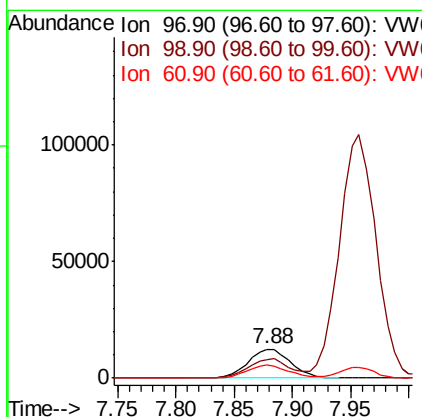
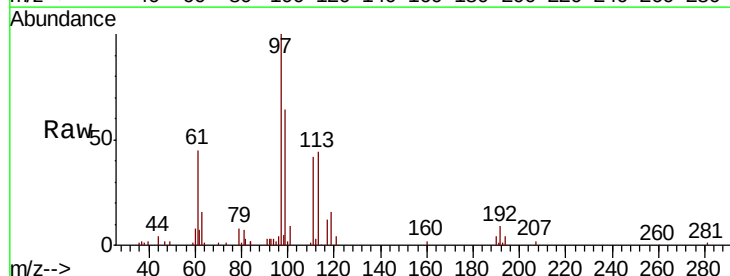
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

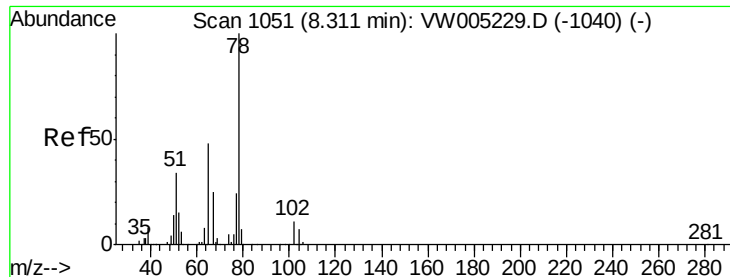
Tgt Ion: 56 Resp: 38289
Ion Ratio Lower Upper
56 100
69 67.6 28.2 42.4#
84 105.9 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 5.030 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 97 Resp: 31293
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 43.5 33.0 49.4

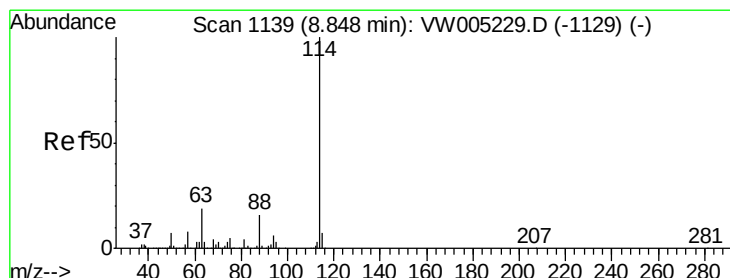
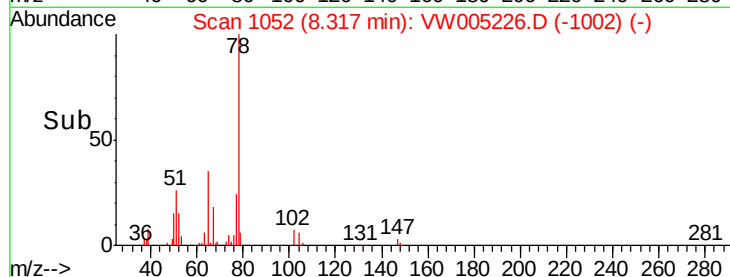
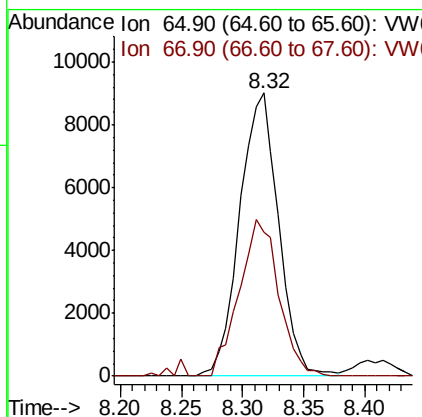
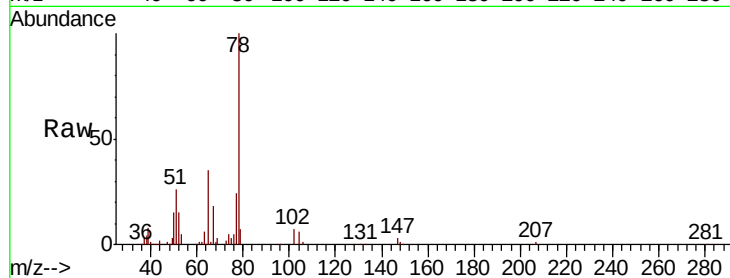




#33
 1,2-Dichloroethane-d4
 Concen: 5.243 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

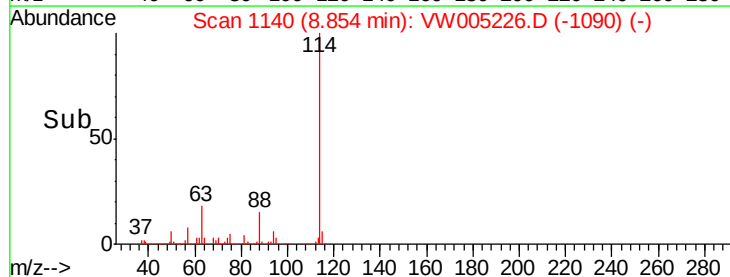
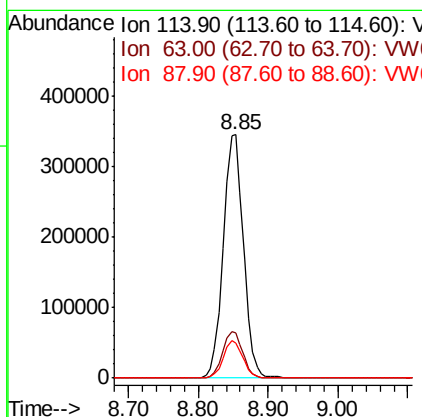
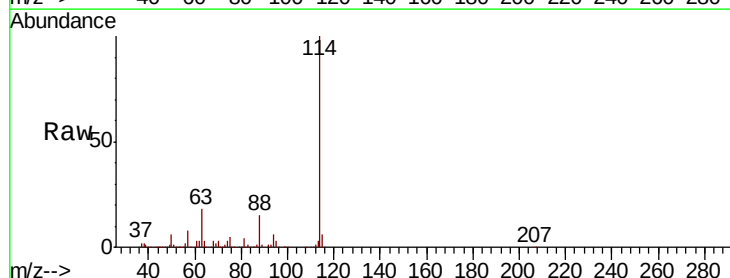
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

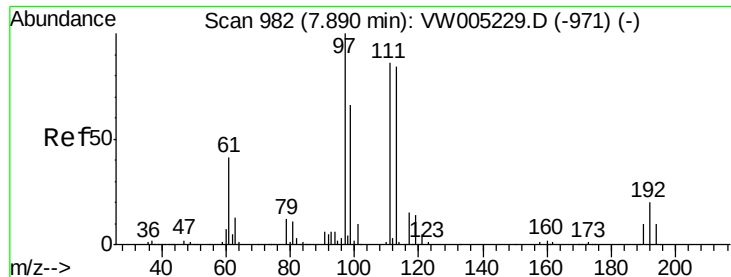
Tgt Ion: 65 Resp: 19906
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 114 Resp: 693045
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.8
 88 14.5 0.0 31.2

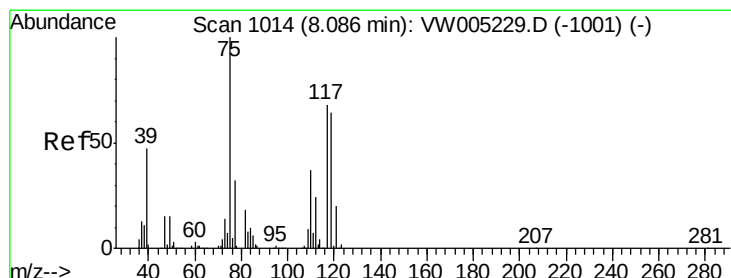
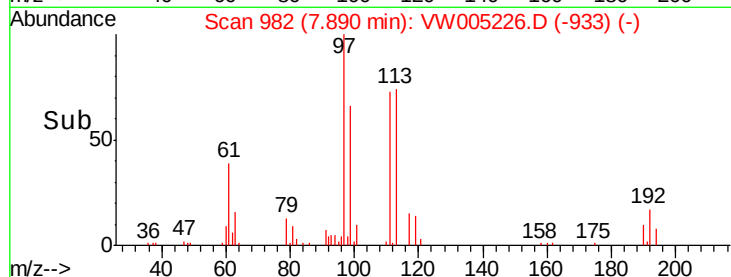
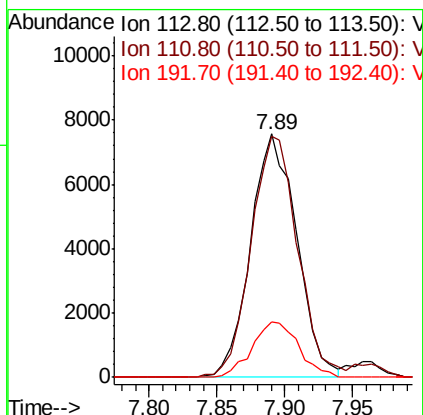
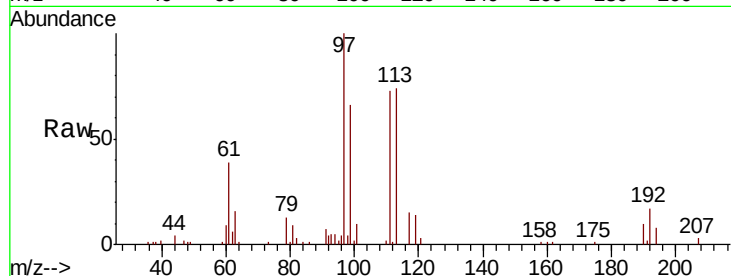




#35
 Dibromofluoromethane
 Concen: 4.782 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

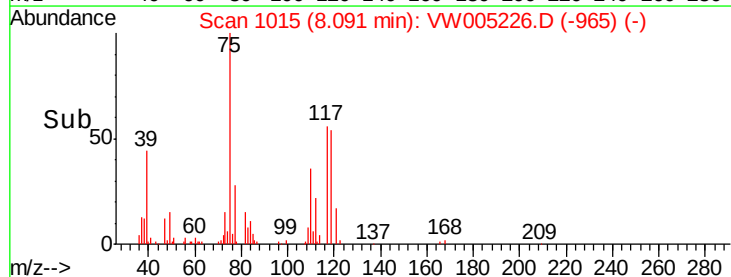
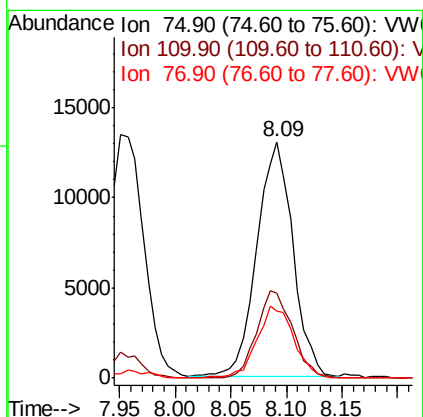
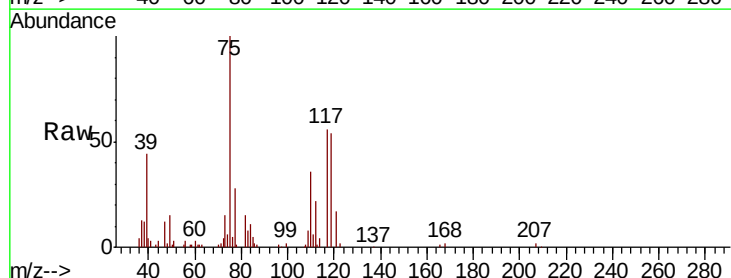
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

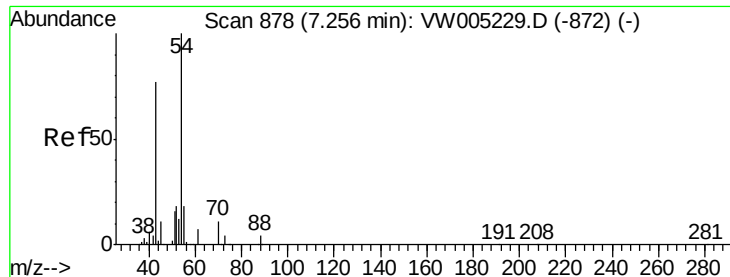
Tgt Ion: 113 Resp: 17956
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.0 123.0
 192 22.9 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 75 Resp: 29444
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.8 56.4
 77 31.1 25.2 37.8

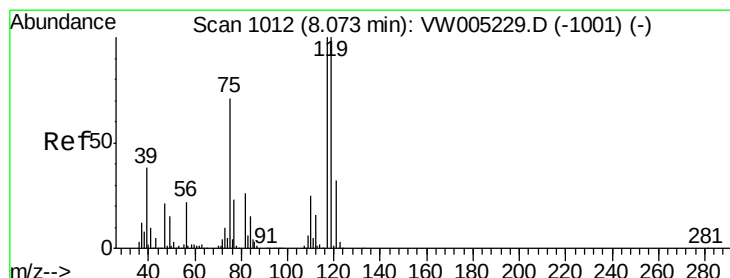
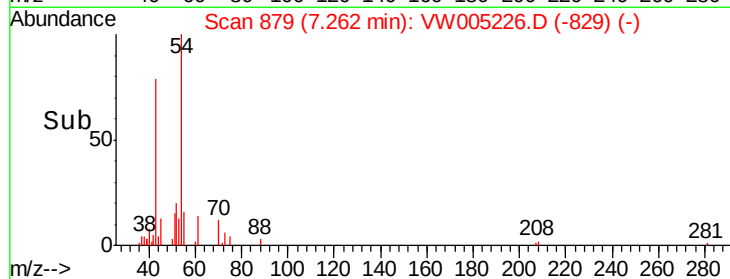
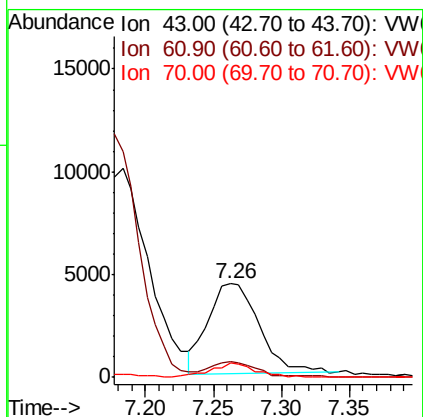
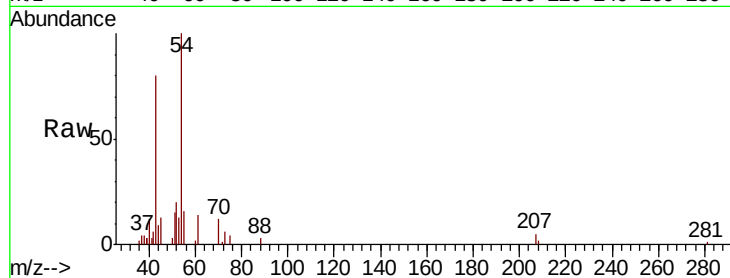




#37
Ethyl Acetate
Concen: 4.495 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

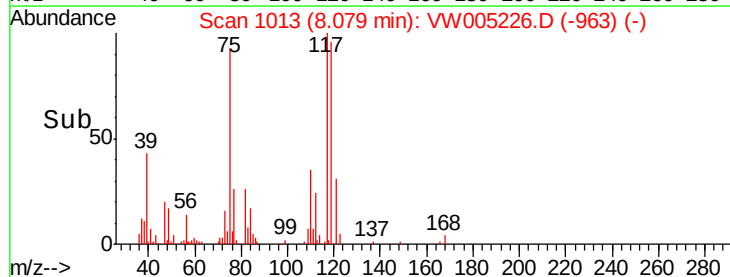
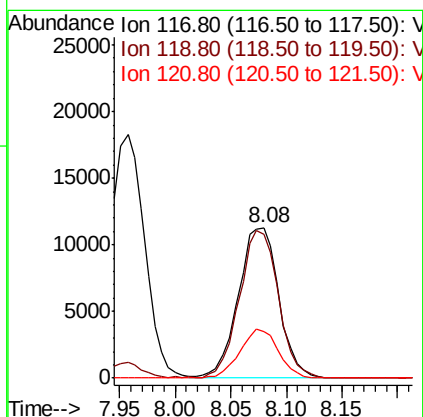
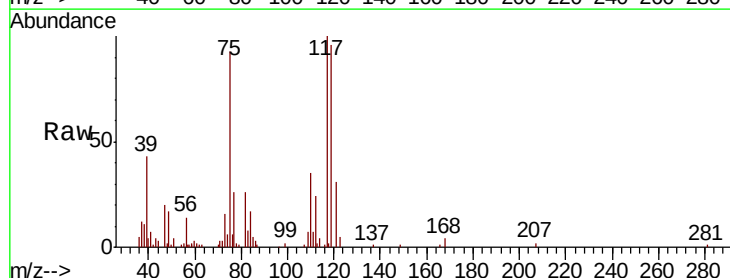
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

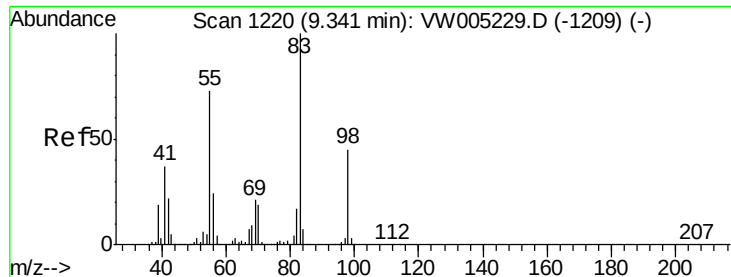
Tgt Ion:	43	Resp:	11362
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.4	17.2
70	13.6	9.6	14.4



#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:	117	Resp:	28666
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.7	119.5
121	31.0	25.4	38.0

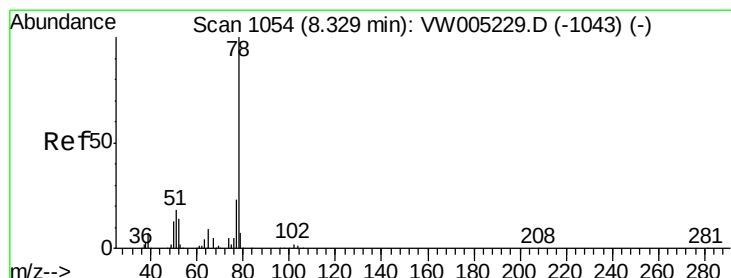
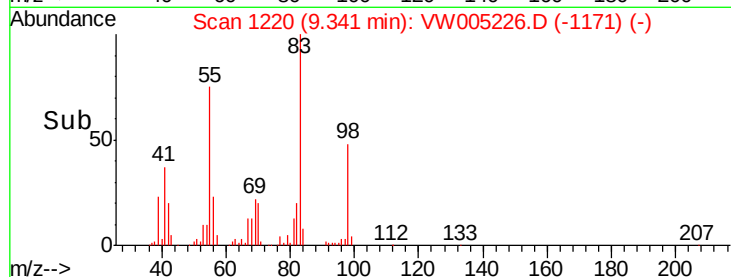
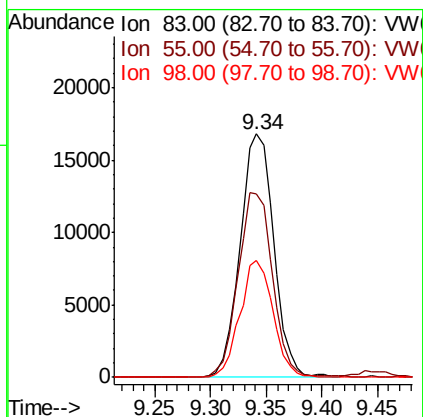
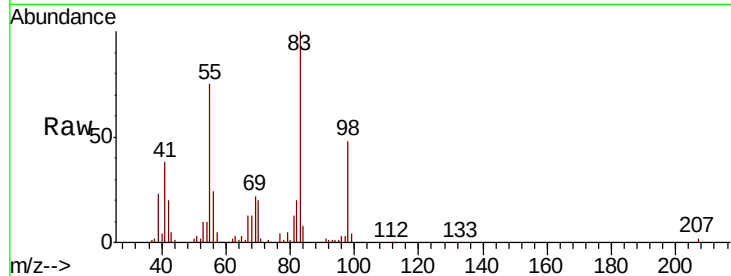




#39
Methylcyclohexane
Concen: 4.599 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

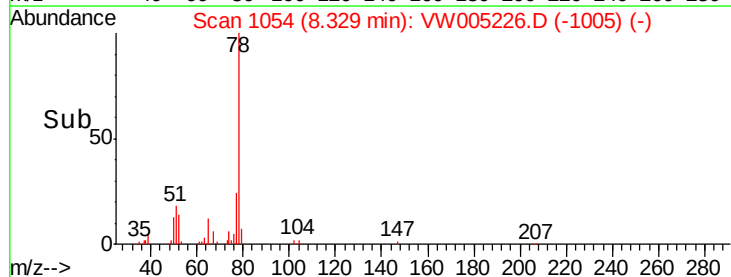
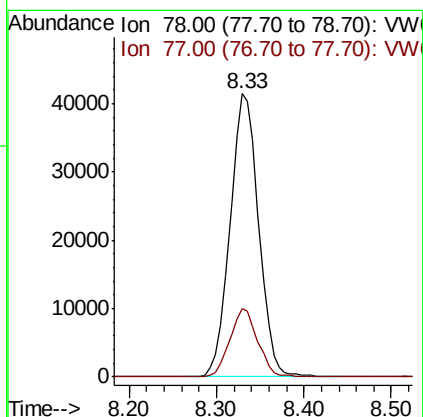
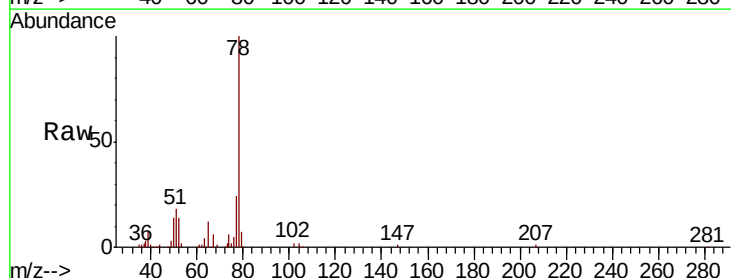
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

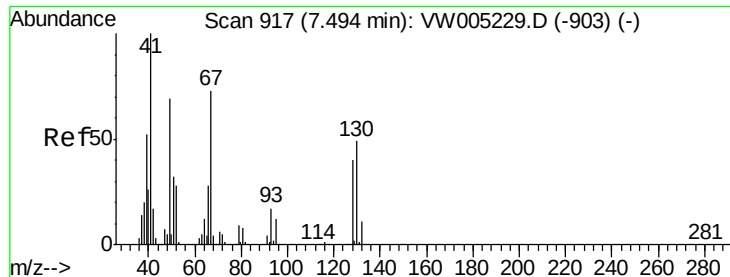
Tgt Ion: 83 Resp: 35543
Ion Ratio Lower Upper
83 100
55 75.1 58.7 88.1
98 47.9 36.1 54.1



#40
Benzene
Concen: 4.955 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 78 Resp: 94029
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8

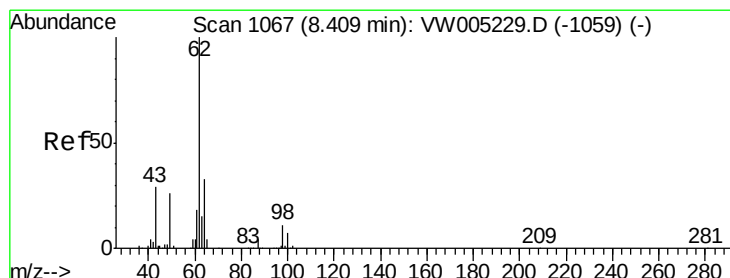
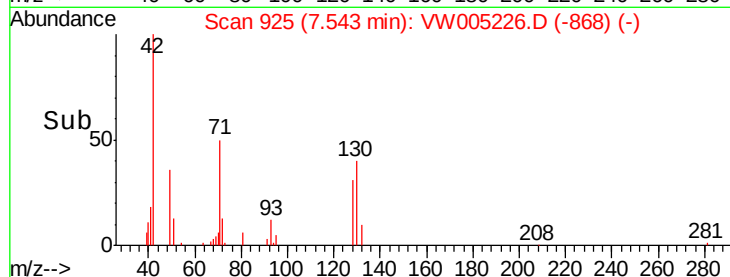
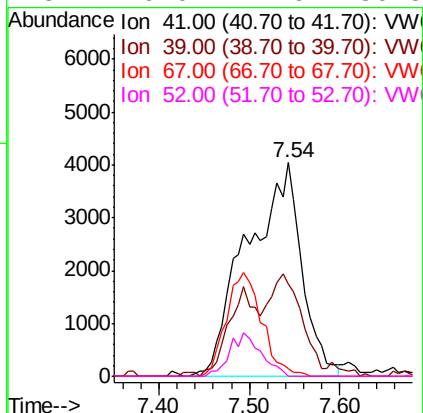
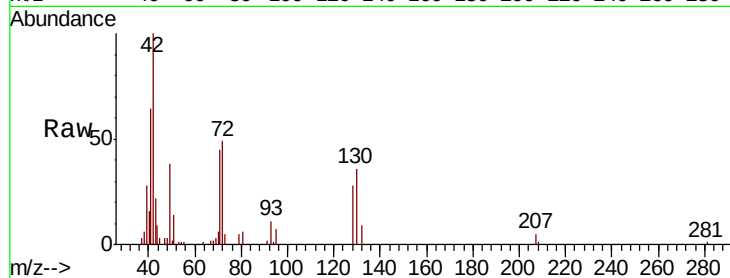




#41
Methacrylonitrile
Concen: 11.696 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.05 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

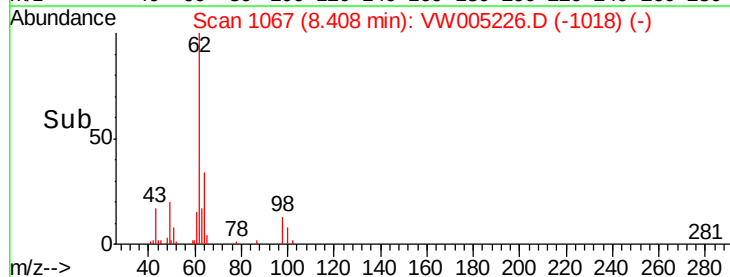
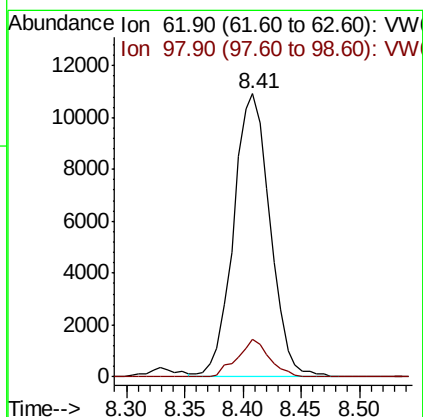
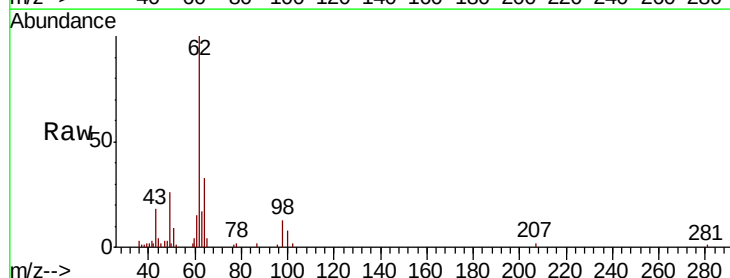
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

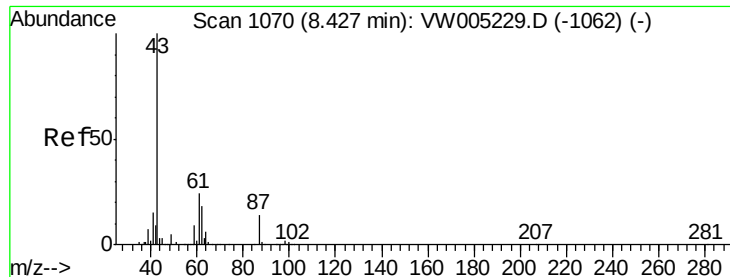
Tgt Ion: 41 Resp: 16819
Ion Ratio Lower Upper
41 100
39 25.6 40.8 61.2#
67 0.0 63.6 95.4#
52 0.0 24.6 36.8#



#42
1,2-Dichloroethane
Concen: 5.185 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 62 Resp: 23961
Ion Ratio Lower Upper
62 100
98 11.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 4.578 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

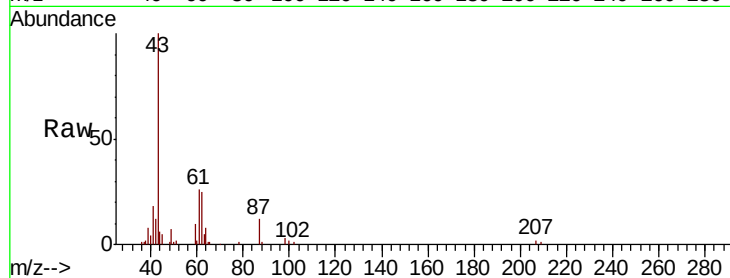
Tgt Ion: 43 Resp: 21711

Ion Ratio Lower Upper

43 100

61 35.3 26.6 39.8

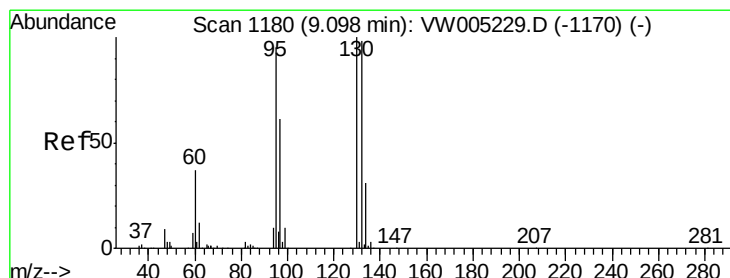
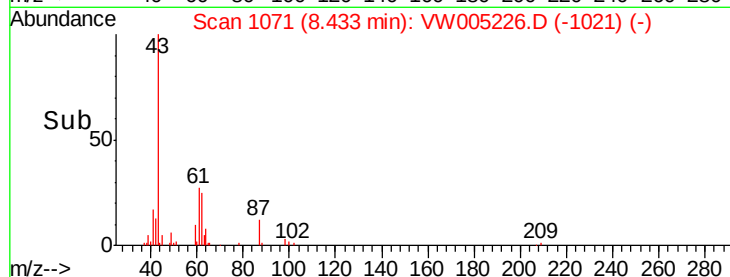
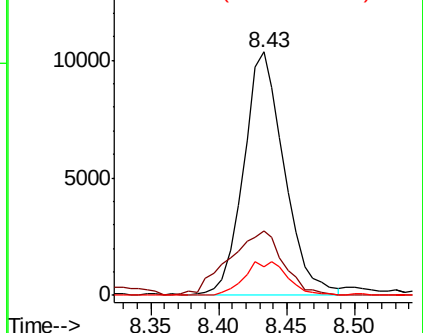
87 14.5 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.906 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005226.D

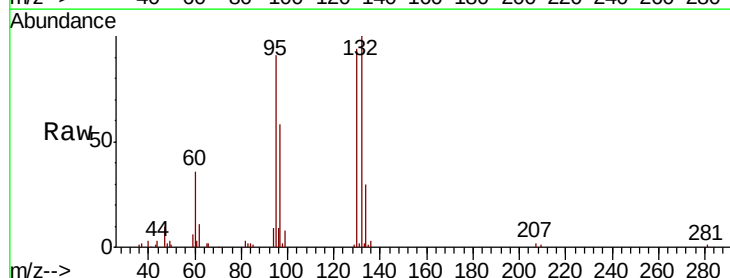
Acq: 07 Sep 2018 23:46

Tgt Ion: 130 Resp: 24403

Ion Ratio Lower Upper

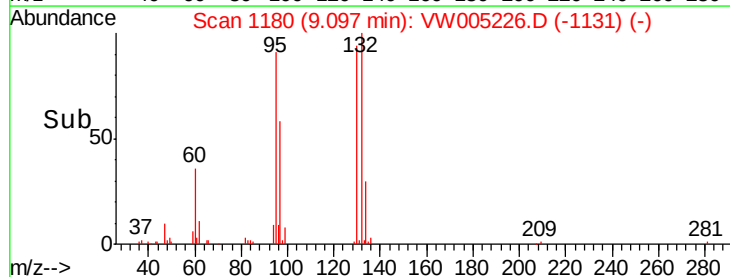
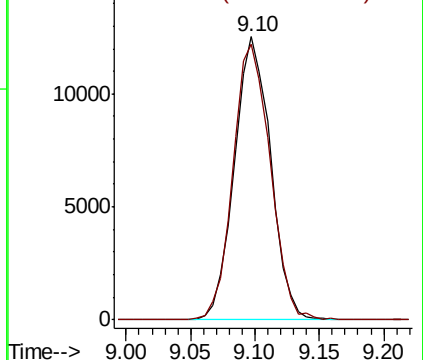
130 100

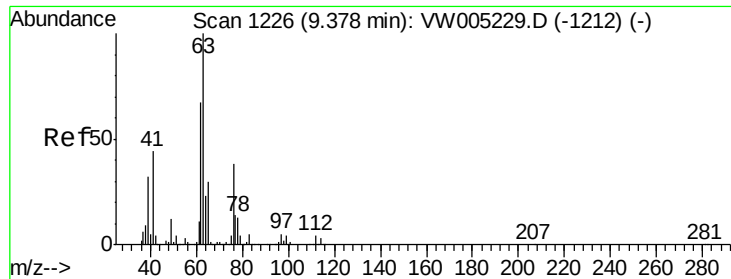
95 97.6 0.0 189.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

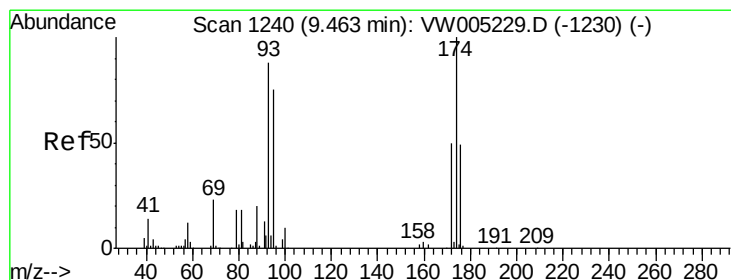
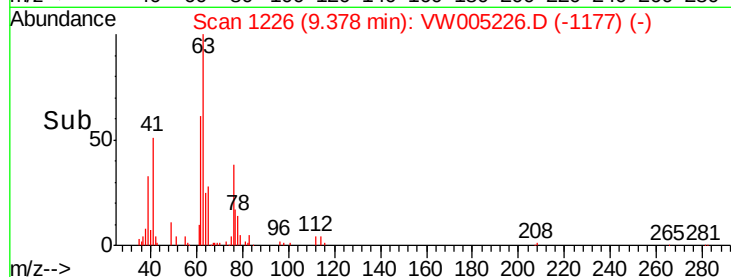
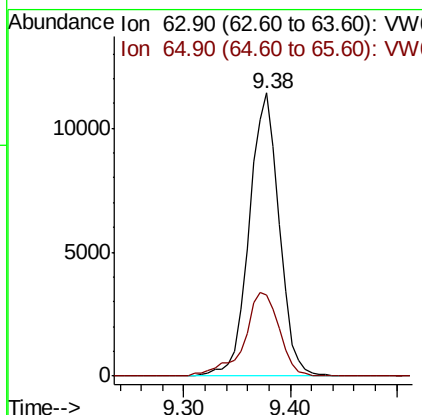
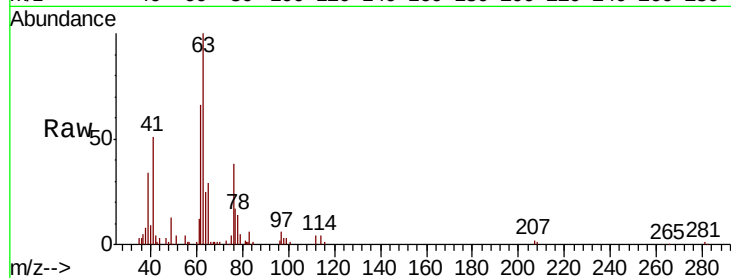




#45
 1,2-Dichloropropane
 Concen: 5.066 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

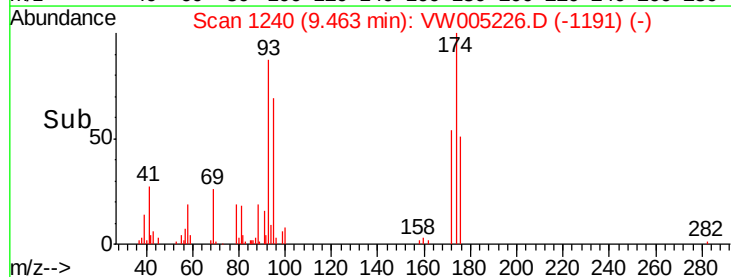
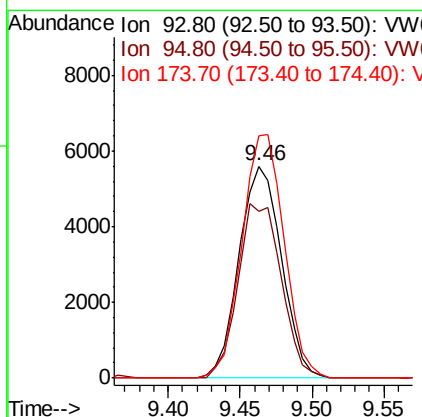
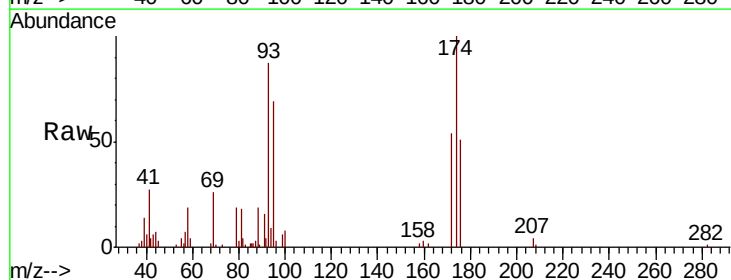
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

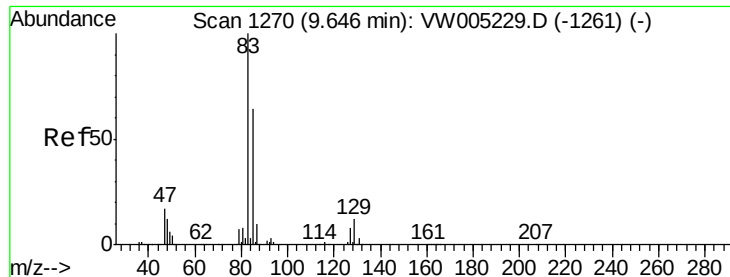
Tgt Ion: 63 Resp: 22599
 Ion Ratio Lower Upper
 63 100
 65 28.6 23.8 35.8



#46
 Dibromomethane
 Concen: 5.269 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion: 93 Resp: 11455
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.4 101.2
 174 114.2 91.9 137.9





#47

Bromodichloromethane

Concen: 4.991 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

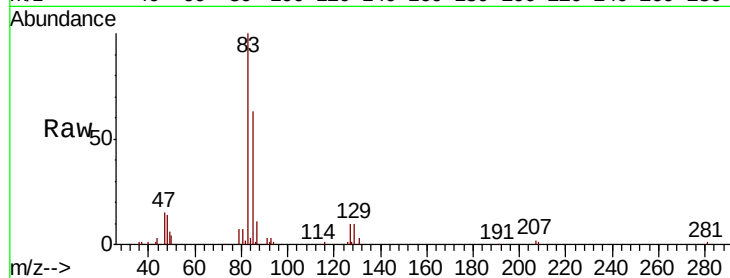
Tgt Ion: 83 Resp: 26285

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.6

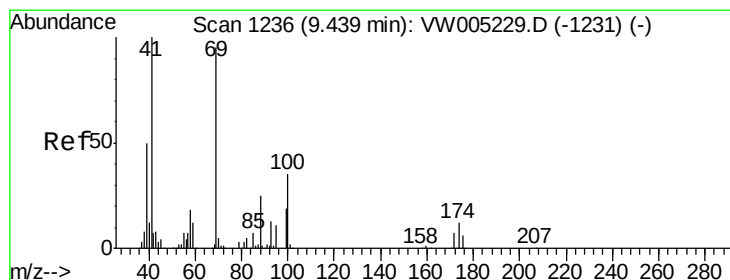
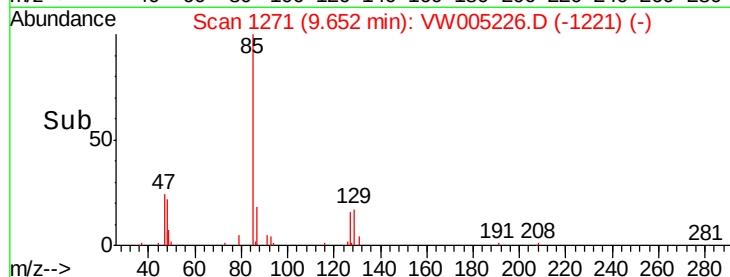
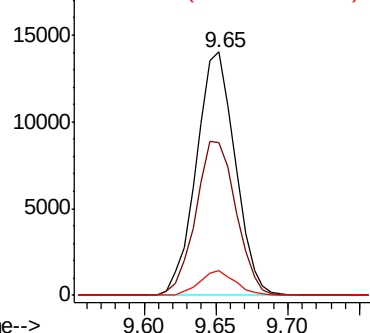
127 9.9 6.7 10.1



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: 4.245 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

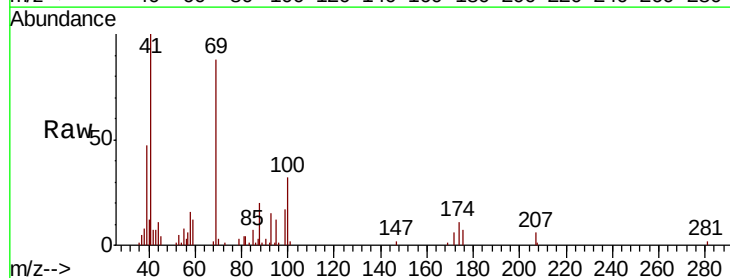
Tgt Ion: 41 Resp: 10198

Ion Ratio Lower Upper

41 100

69 102.9 73.6 110.4

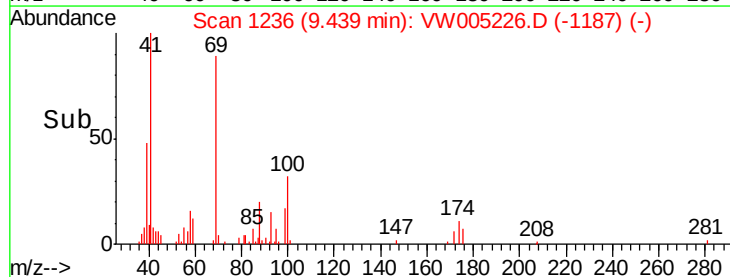
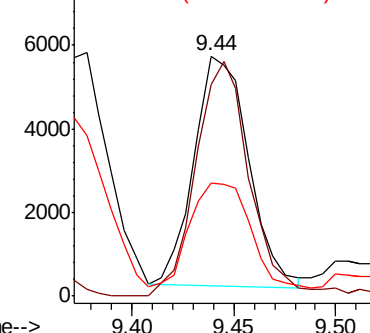
39 59.0 36.9 55.3#

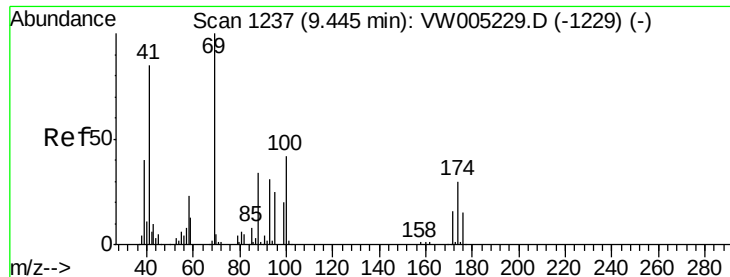


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 98.239 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

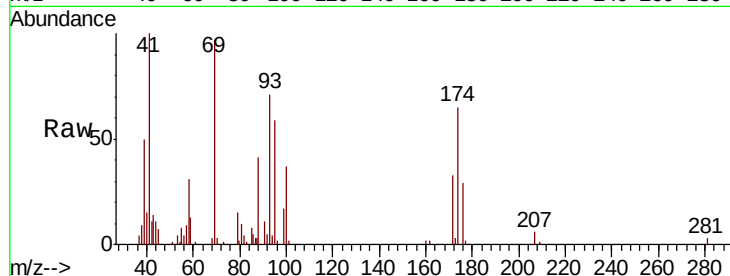
Tgt Ion: 88 Resp: 4113

Ion Ratio Lower Upper

88 100

43 37.8 22.1 33.1#

58 76.5 53.8 80.6

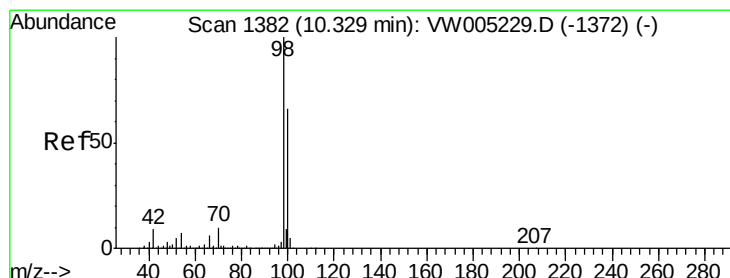
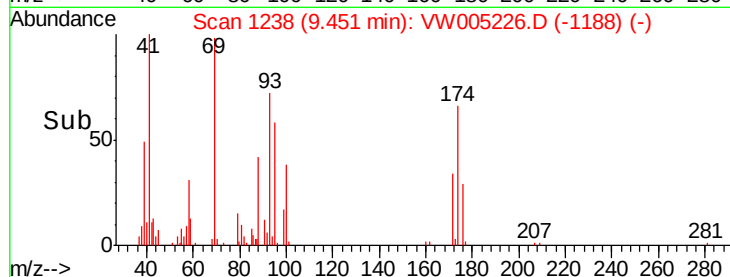
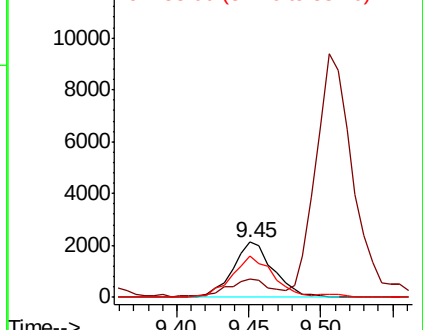


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 4.752 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005226.D

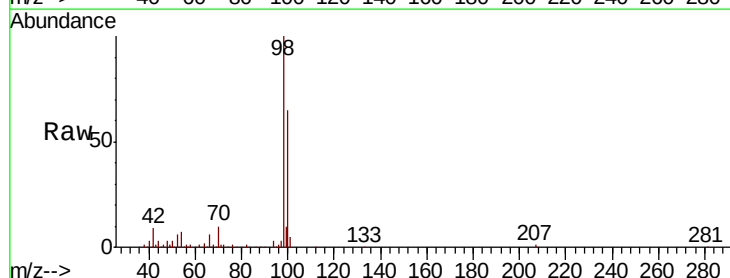
Acq: 07 Sep 2018 23:46

Tgt Ion: 98 Resp: 87319

Ion Ratio Lower Upper

98 100

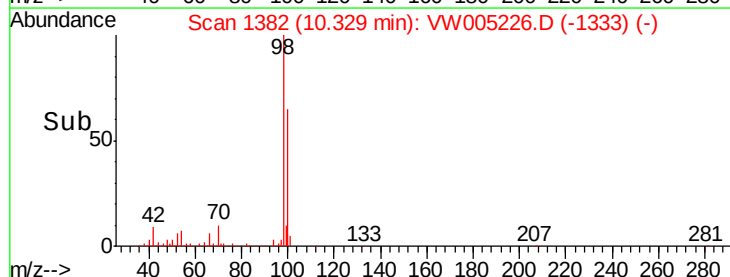
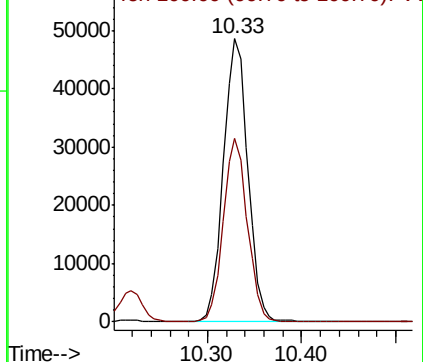
100 63.9 52.5 78.7

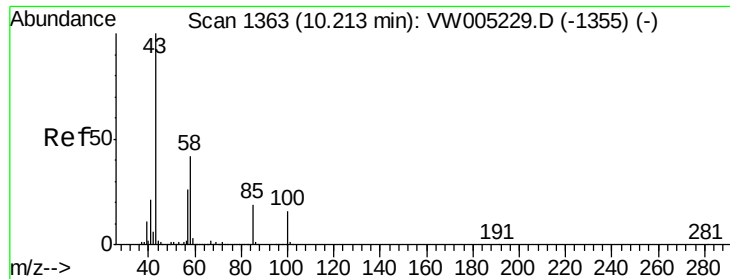


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 22.376 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

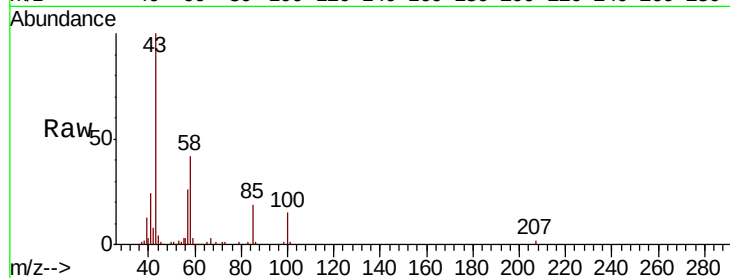
VSTDIC005

Tgt Ion: 43 Resp: 58800

Ion Ratio Lower Upper

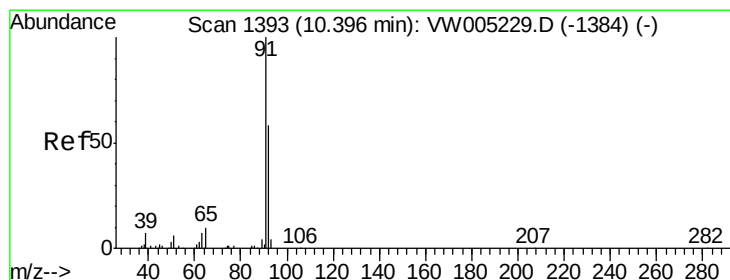
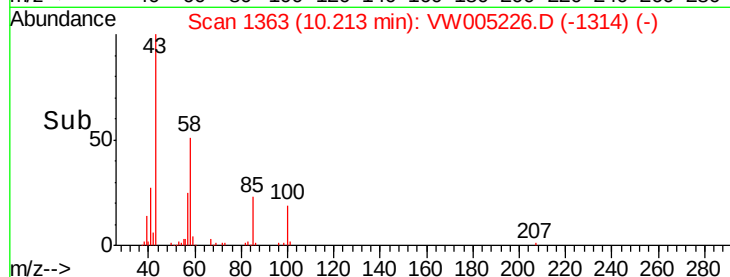
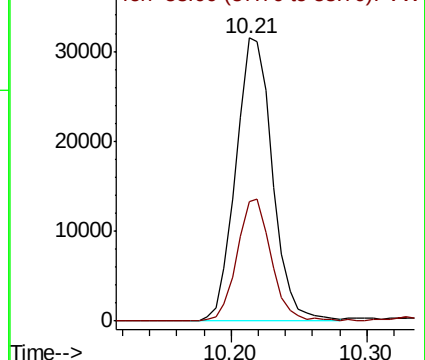
43 100

58 40.5 33.3 49.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 4.660 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005226.D

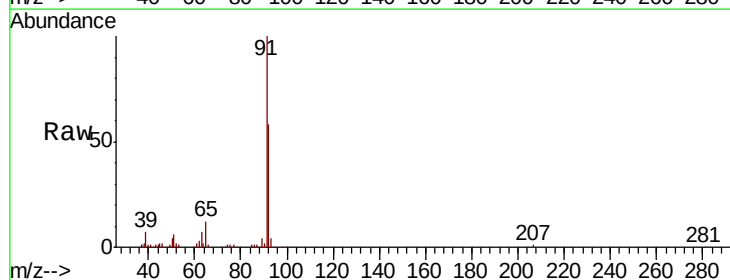
Acq: 07 Sep 2018 23:46

Tgt Ion: 92 Resp: 61851

Ion Ratio Lower Upper

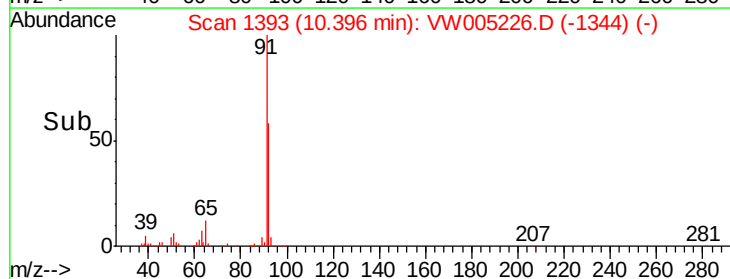
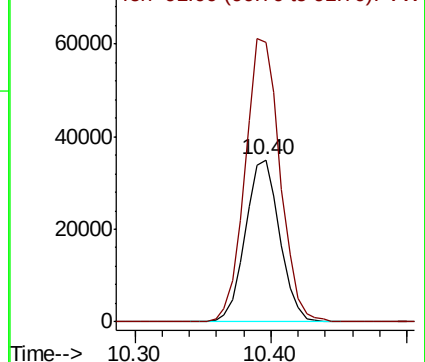
92 100

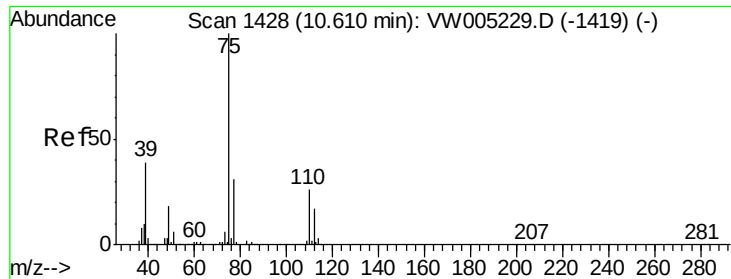
91 178.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 4.561 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

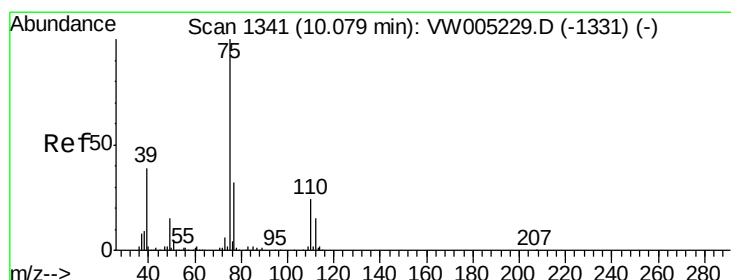
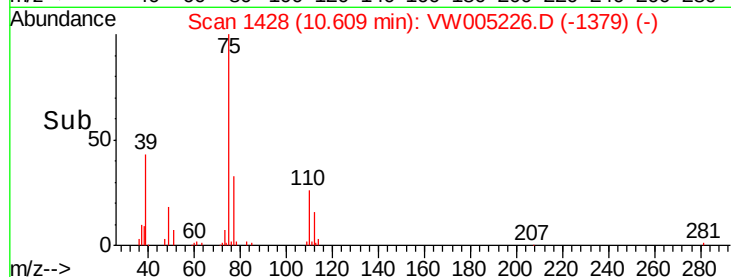
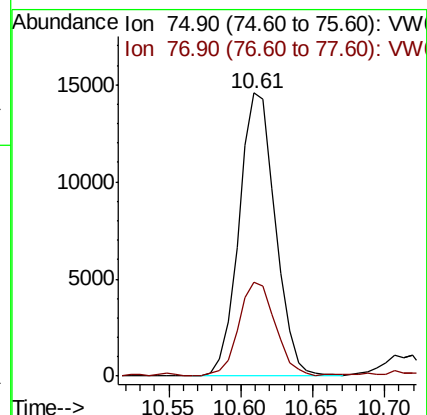
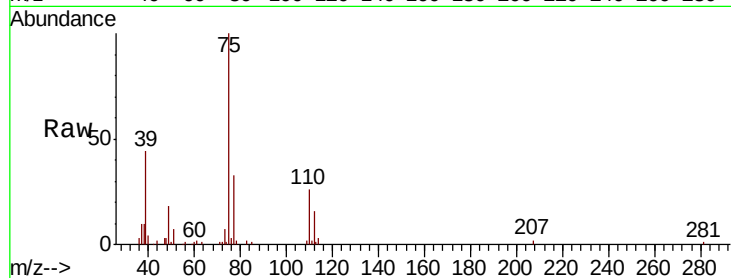
VSTDIC005

Tgt Ion: 75 Resp: 25487

Ion Ratio Lower Upper

75 100

77 33.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 4.641 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

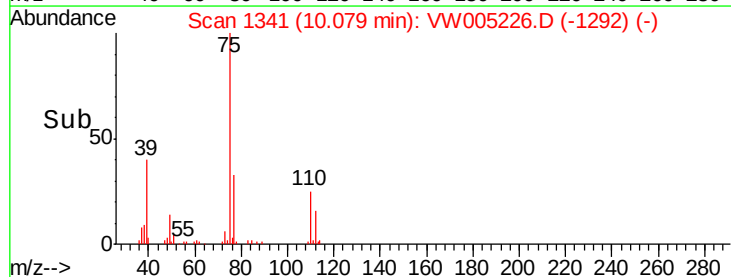
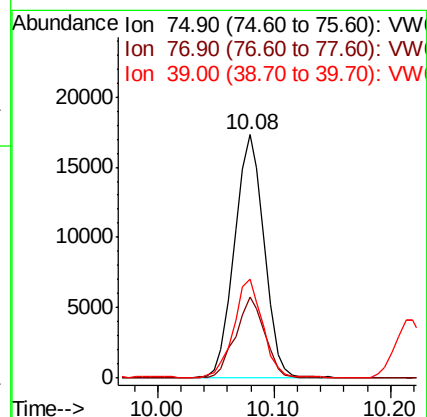
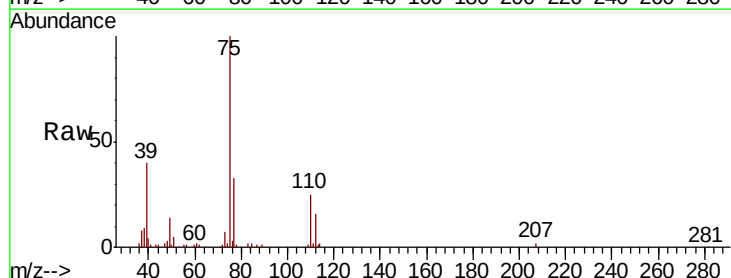
Tgt Ion: 75 Resp: 30677

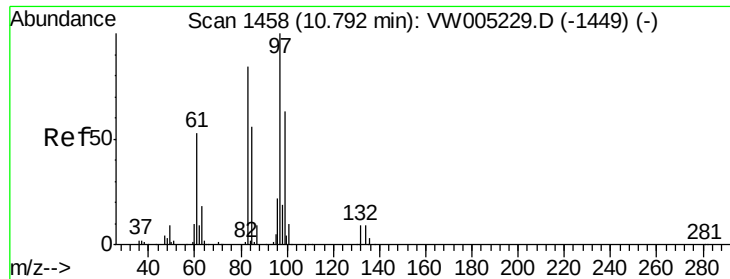
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 40.5 31.2 46.8

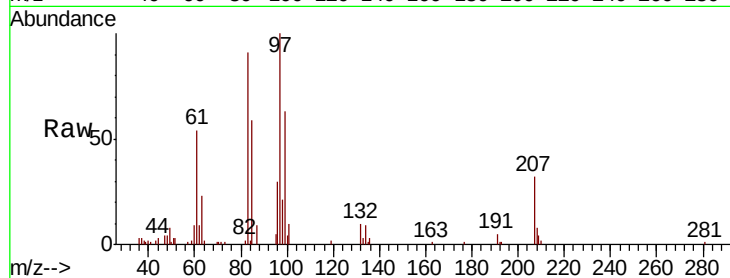




#55
 1,1,2-Trichloroethane
 Concen: 5.242 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	18440
Ion	Ratio	Lower	Upper
97	100		
83	91.0	67.4	101.0
85	59.4	44.6	66.8
99	62.9	50.1	75.1



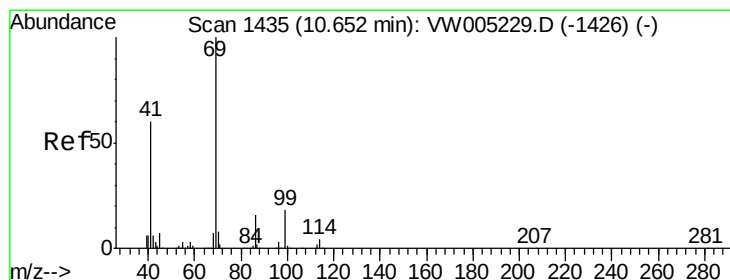
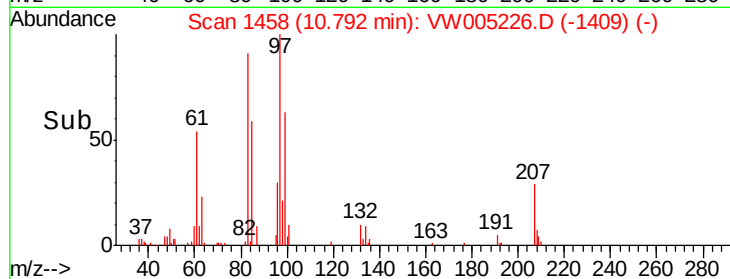
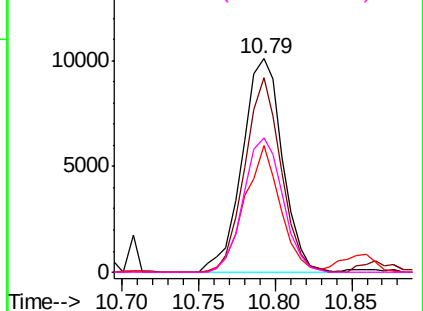
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

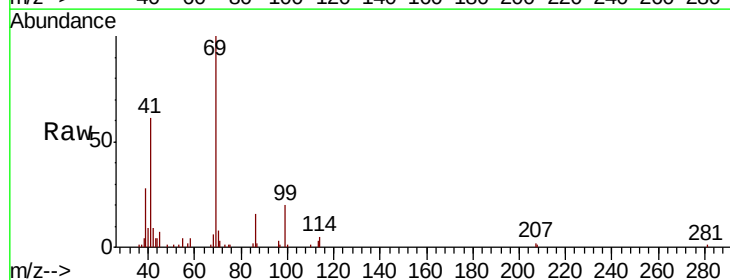
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 4.153 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion:	69	Resp:	18823
Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.9	71.9
39	30.7	20.9	31.3

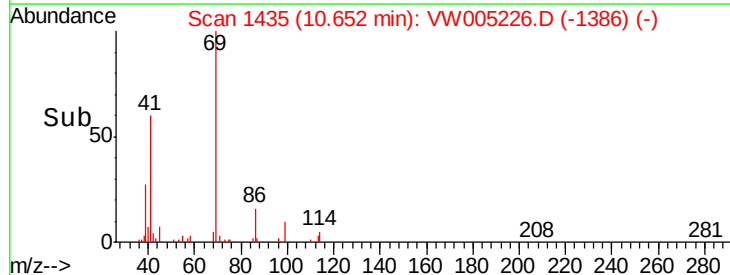
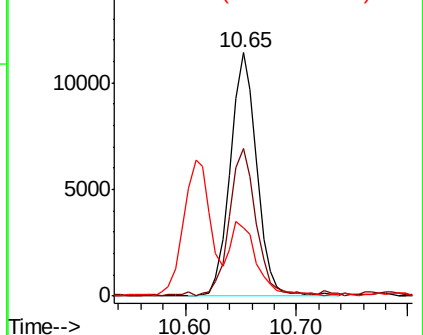


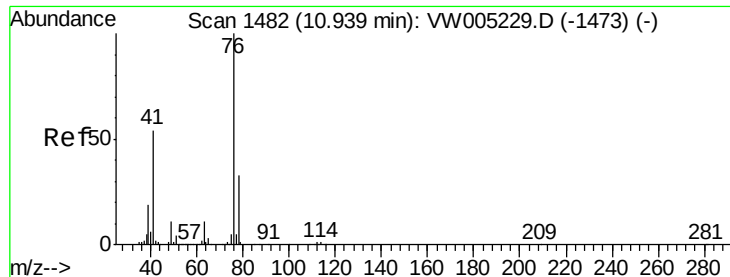
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 4.944 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

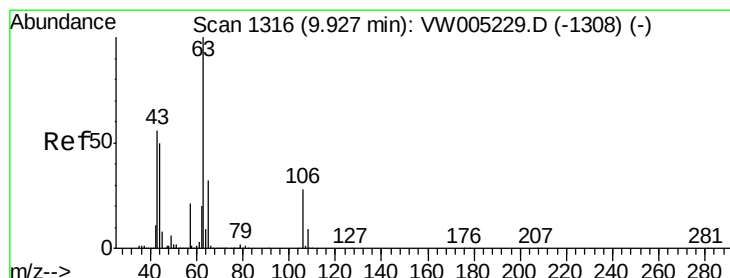
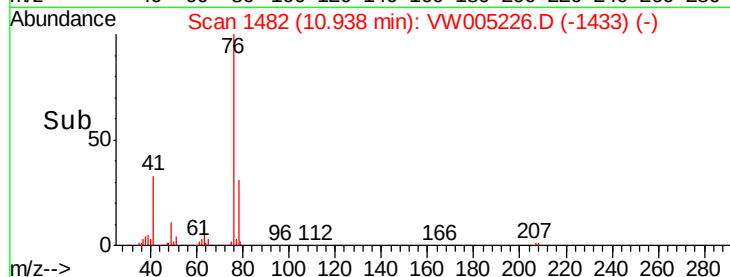
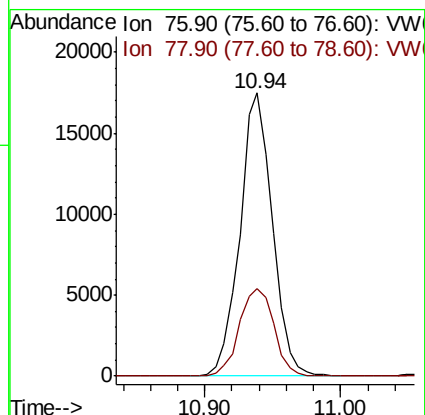
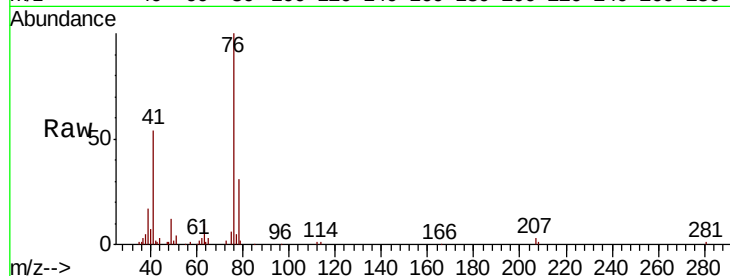
VSTDIC005

Tgt Ion: 76 Resp: 29071

Ion Ratio Lower Upper

76 100

78 32.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 21.370 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005226.D

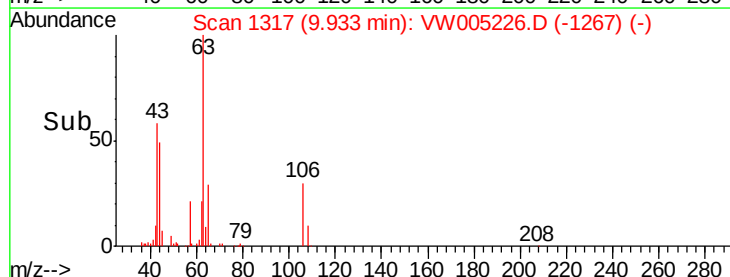
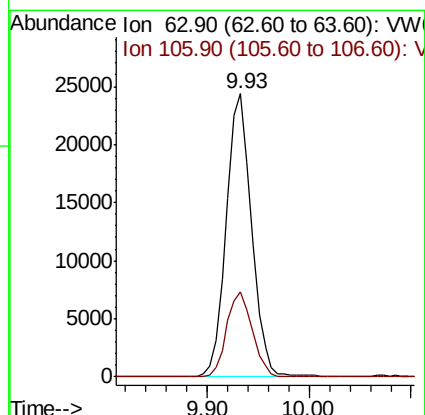
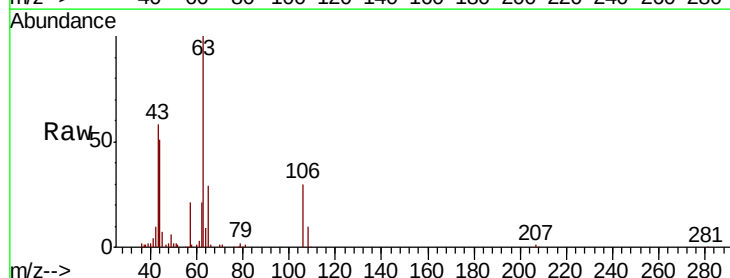
Acq: 07 Sep 2018 23:46

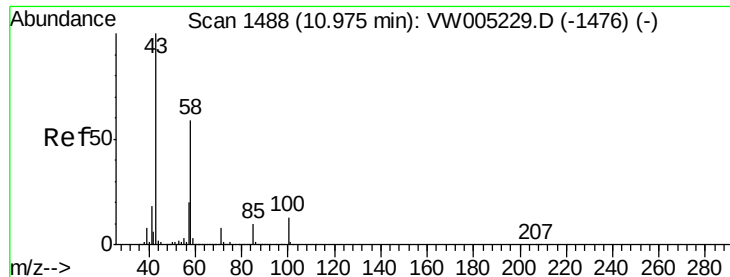
Tgt Ion: 63 Resp: 41963

Ion Ratio Lower Upper

63 100

106 30.3 23.3 34.9

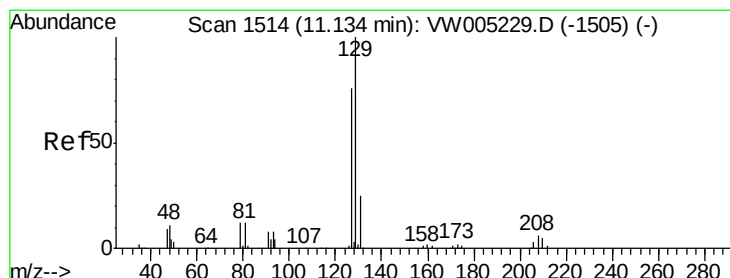
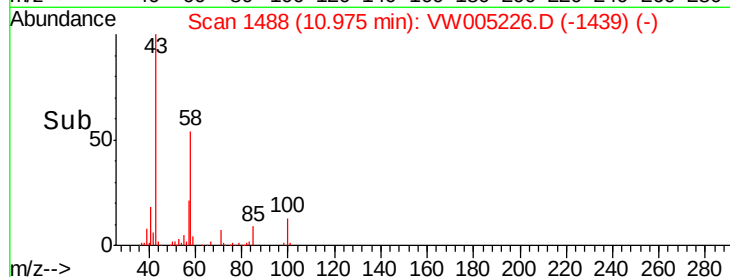
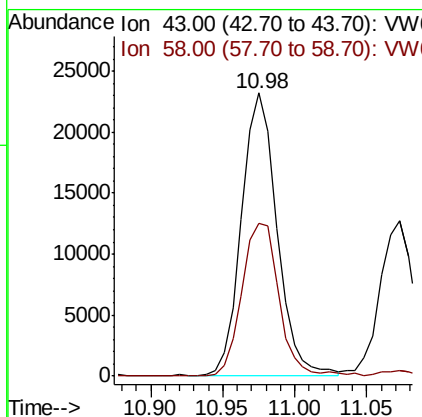
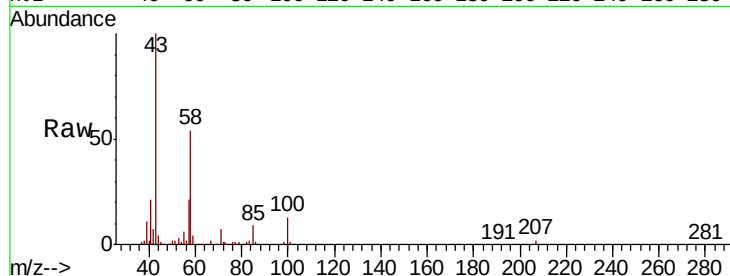




#59
2-Hexanone
Concen: 21.426 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

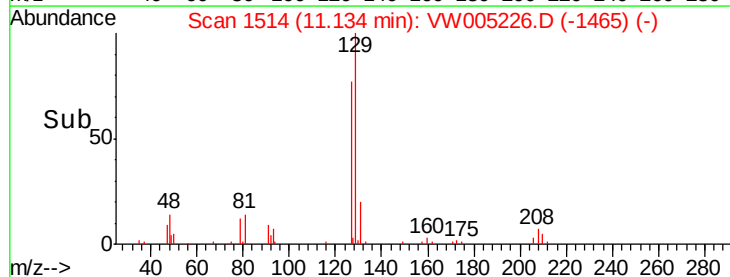
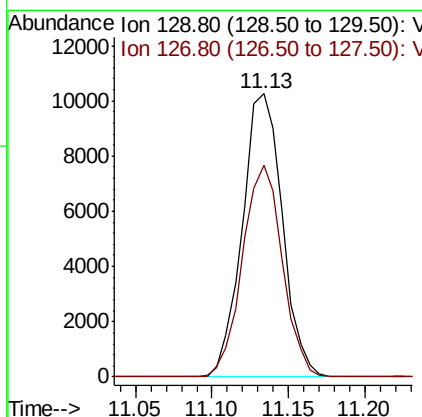
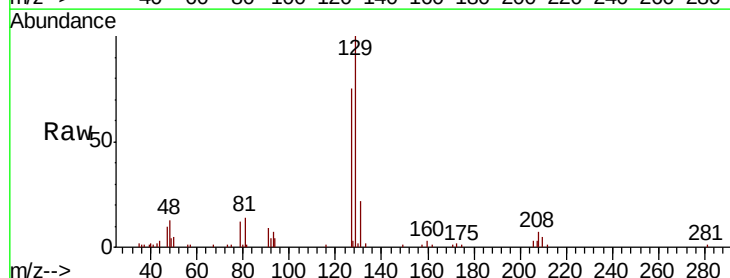
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

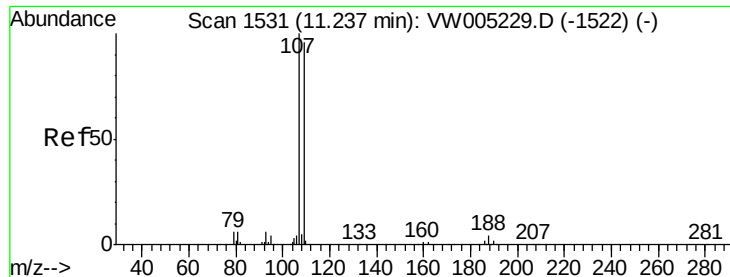
Tgt Ion: 43 Resp: 39354
Ion Ratio Lower Upper
43 100
58 56.6 29.2 87.6



#60
Dibromochloromethane
Concen: 4.800 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion: 129 Resp: 18670
Ion Ratio Lower Upper
129 100
127 74.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.787 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

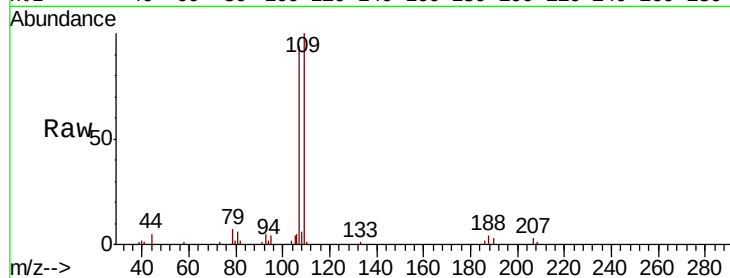
VSTDIC005

Tgt Ion: 107 Resp: 15587

Ion Ratio Lower Upper

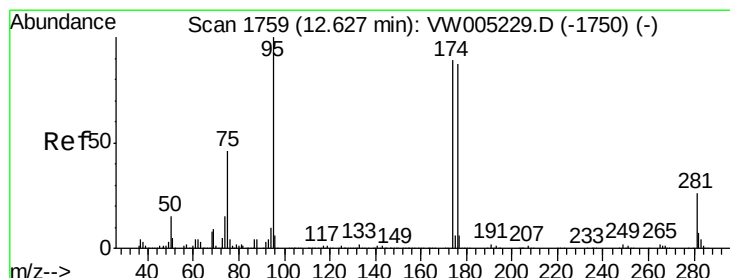
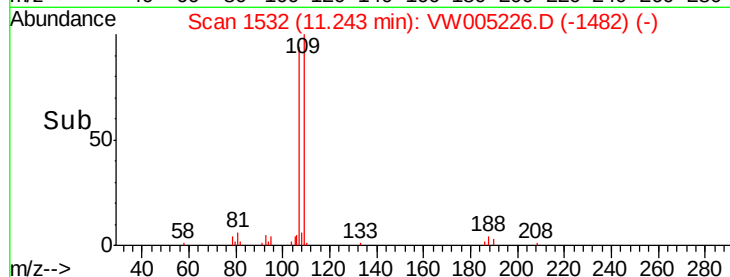
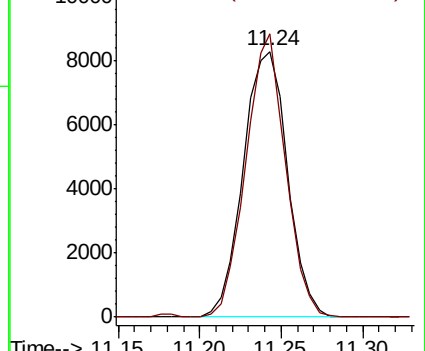
107 100

109 95.9 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.874 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

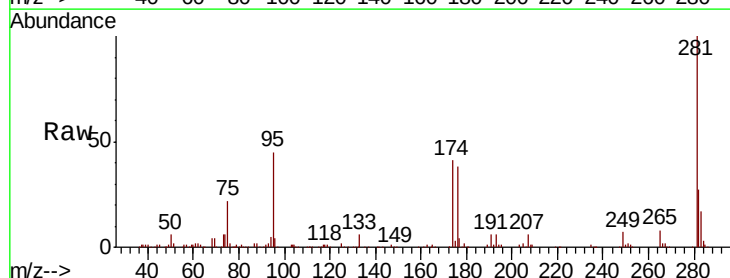
Tgt Ion: 95 Resp: 33071

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.2

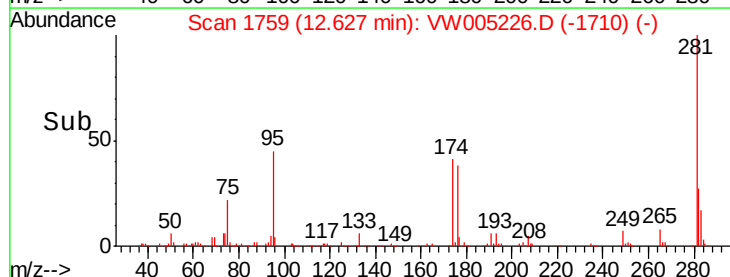
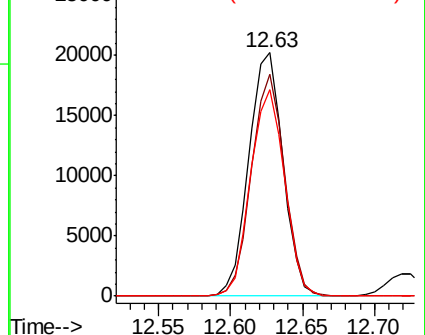
176 84.3 0.0 167.2

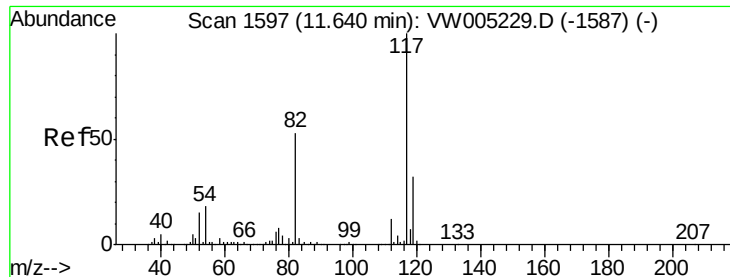


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

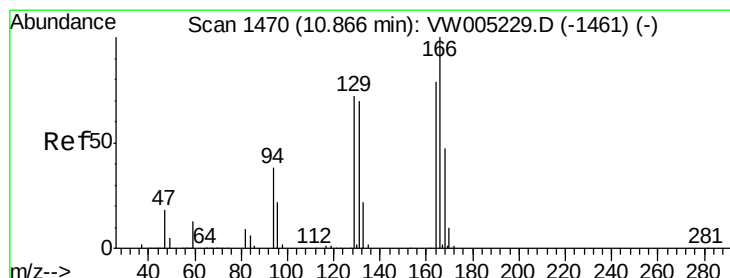
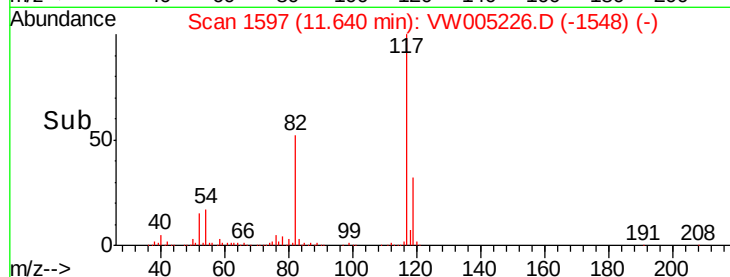
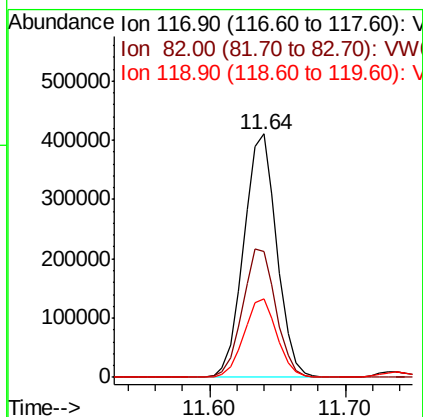
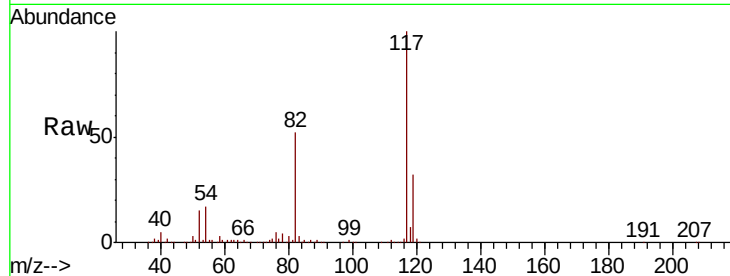




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

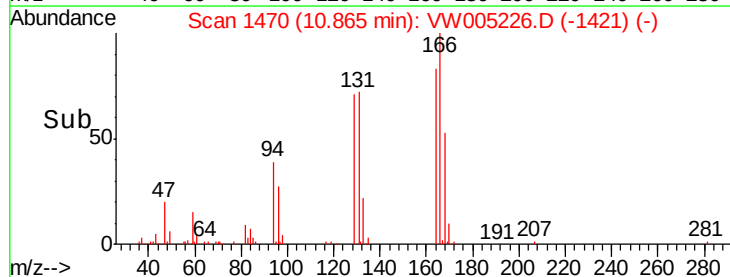
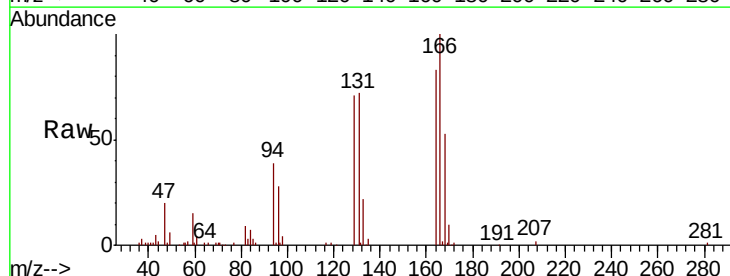
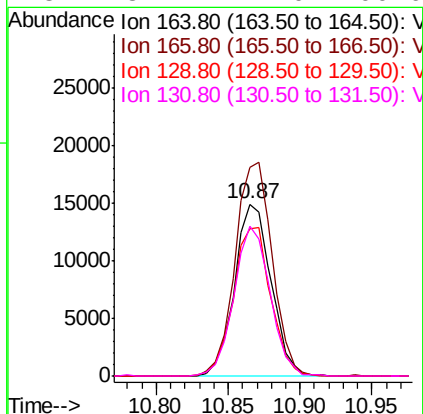
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

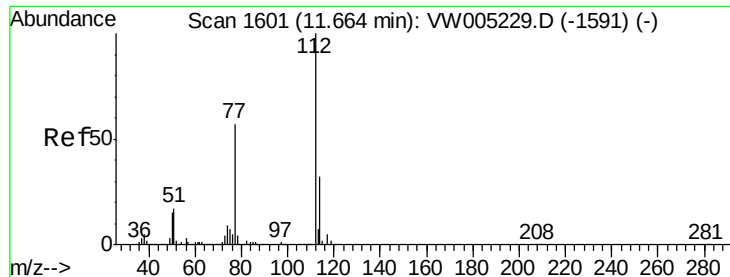
Tgt Ion:117 Resp: 695540
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 4.937 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:164 Resp: 26310
Ion Ratio Lower Upper
164 100
166 120.9 101.0 151.6
129 85.9 73.0 109.4
131 87.2 71.0 106.6

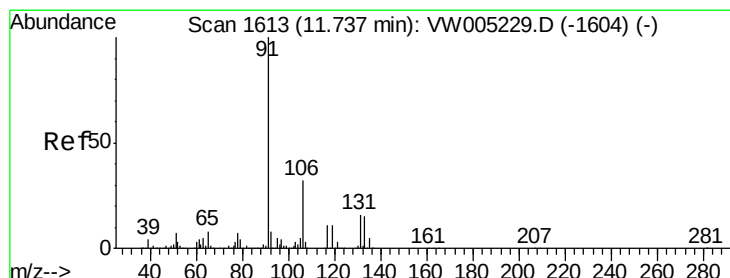
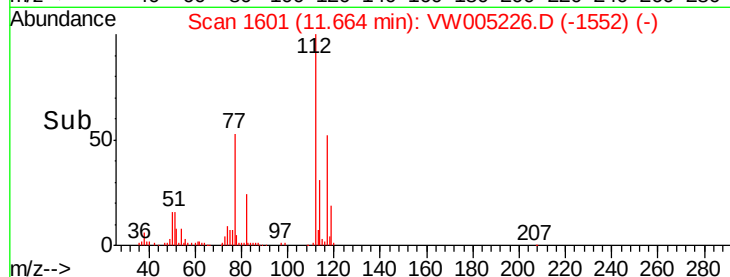
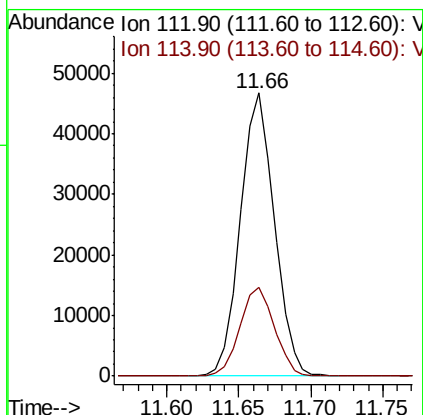
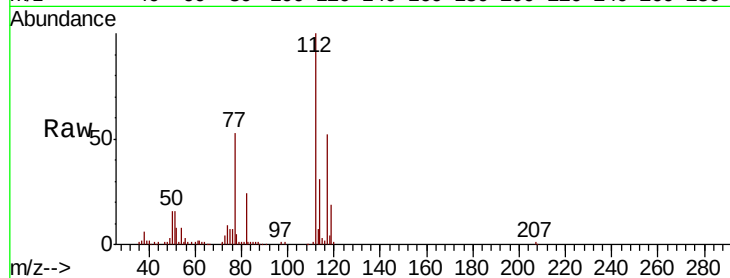




#65
Chlorobenzene
Concen: 5.046 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

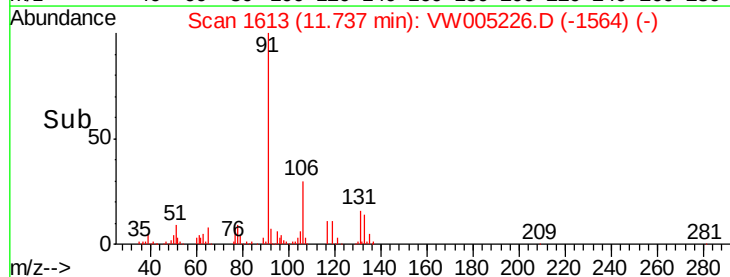
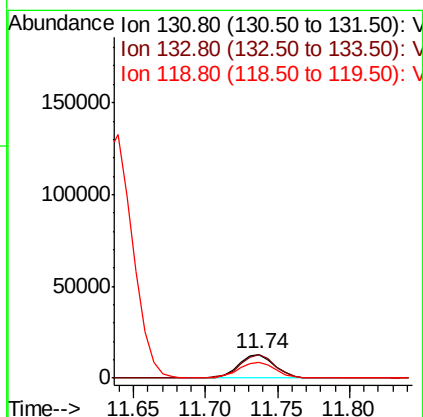
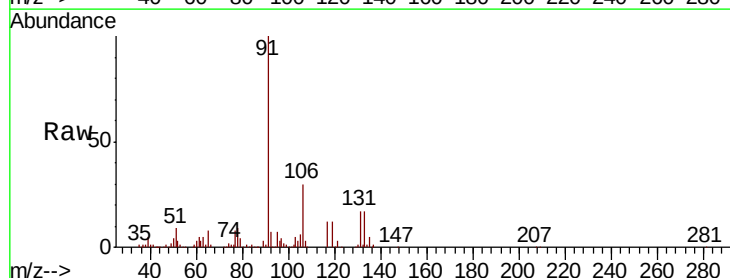
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

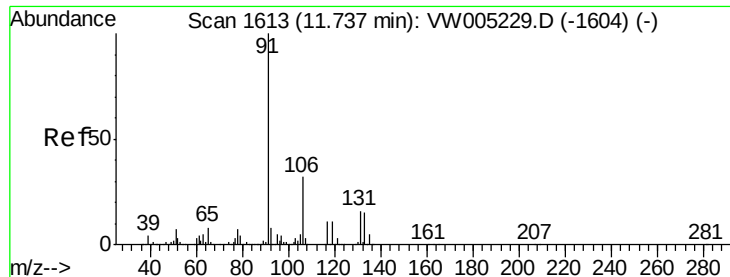
Tgt Ion:112 Resp: 76464
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:131 Resp: 21913
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 69.1 33.3 99.8





#67

Ethyl Benzene

Concen: 4.632 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

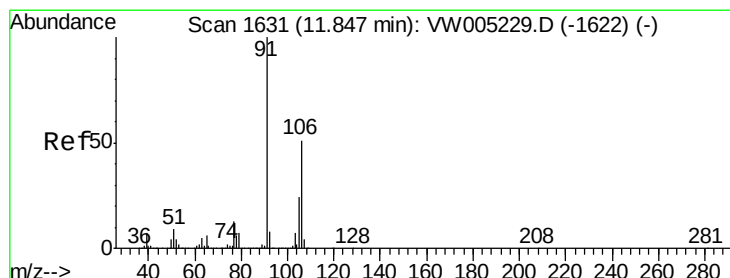
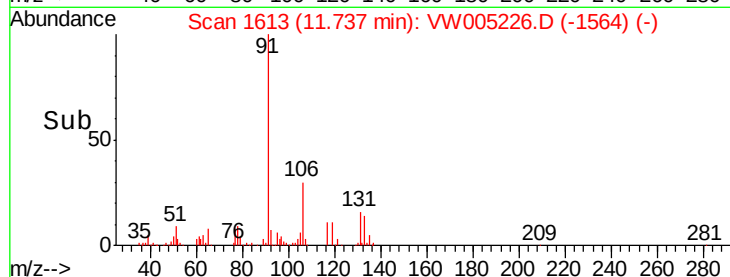
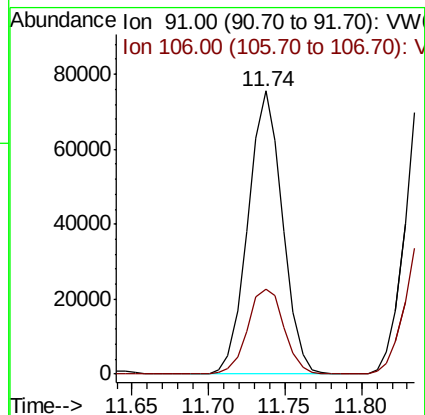
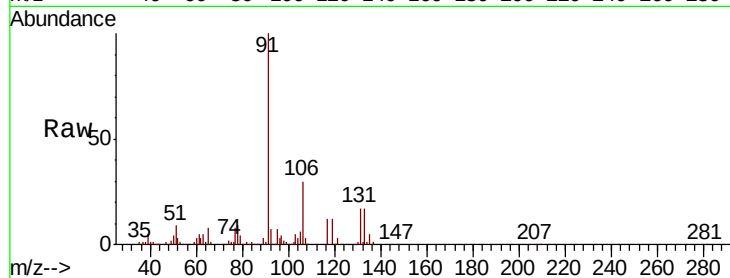
VSTDIC005

Tgt Ion: 91 Resp: 118567

Ion Ratio Lower Upper

91 100

106 30.0 25.5 38.3



#68

m/p-Xylenes

Concen: 9.196 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005226.D

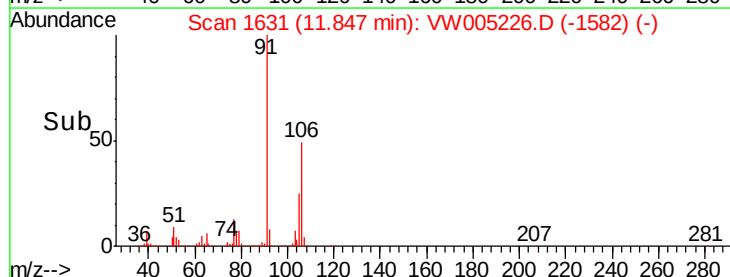
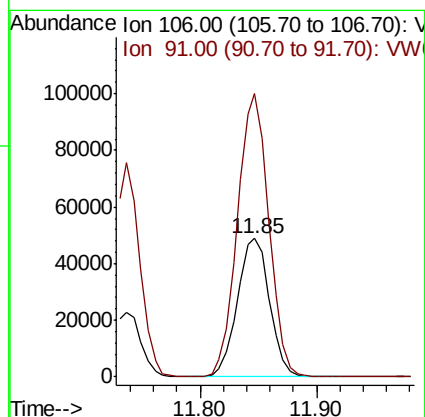
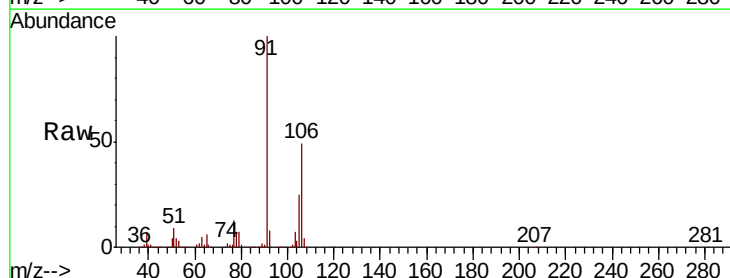
Acq: 07 Sep 2018 23:46

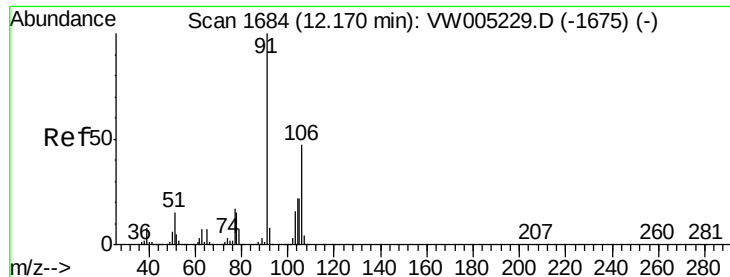
Tgt Ion: 106 Resp: 94190

Ion Ratio Lower Upper

106 100

91 199.3 157.4 236.2

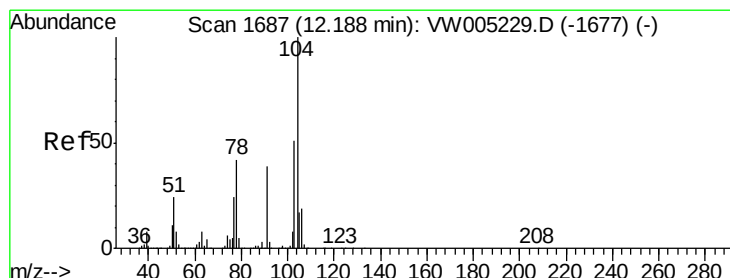
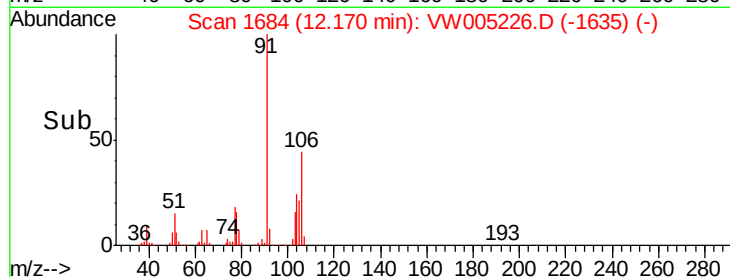
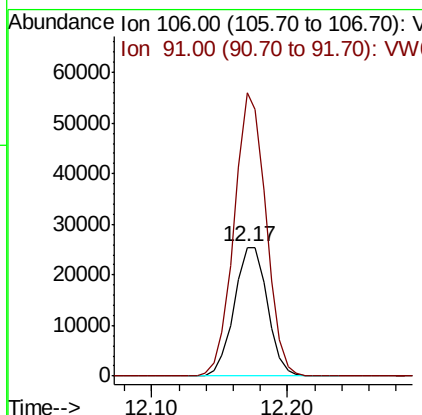
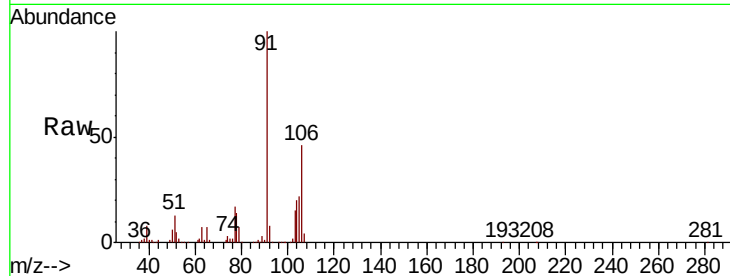




#69
o-Xylene
Concen: 4.522 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

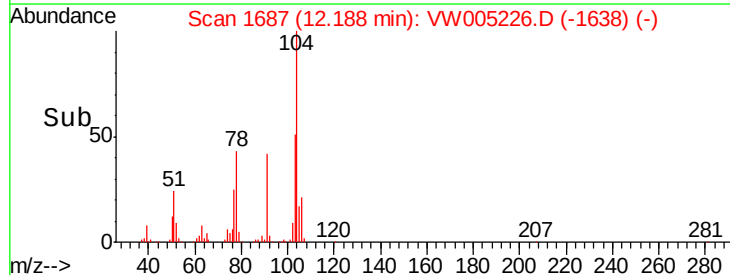
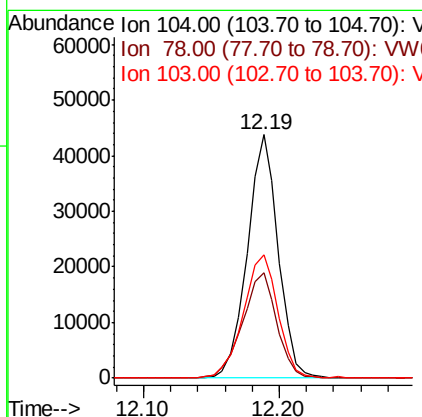
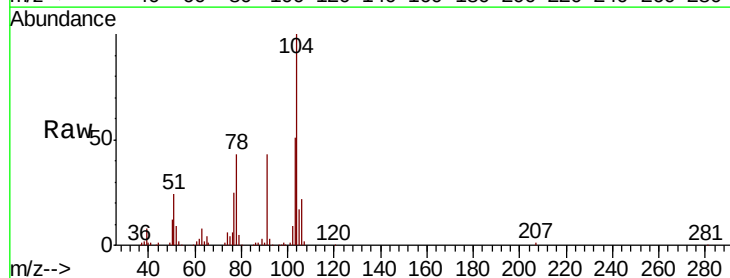
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

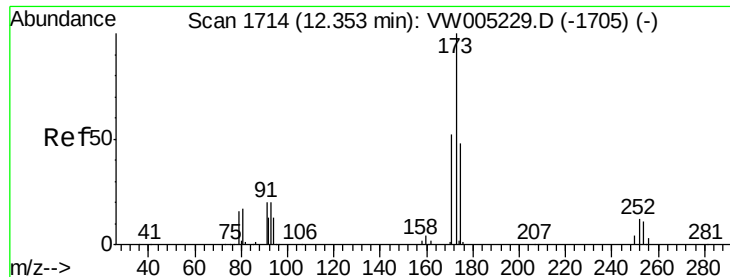
Tgt Ion:106 Resp: 43399
Ion Ratio Lower Upper
106 100
91 210.5 104.5 313.3



#70
Styrene
Concen: 4.372 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion:104 Resp: 69416
Ion Ratio Lower Upper
104 100
78 48.1 37.9 56.9
103 57.0 44.1 66.1





#71

Bromoform

Concen: 4.646 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

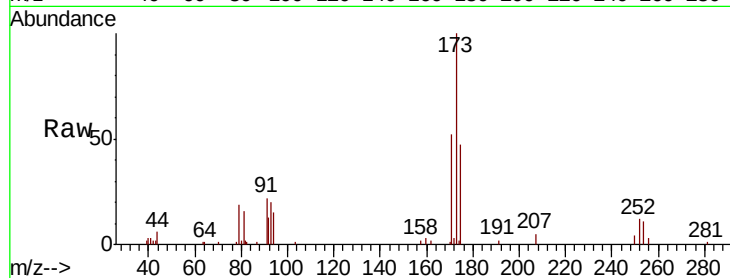
Tgt Ion:173 Resp: 11609

Ion Ratio Lower Upper

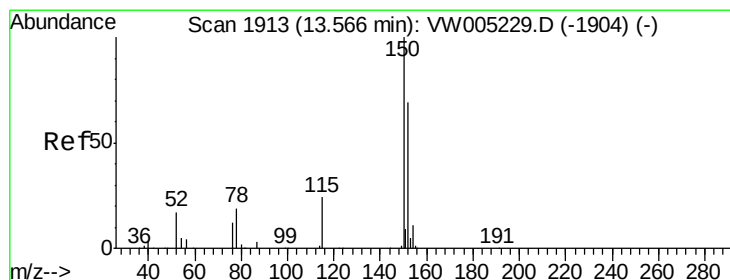
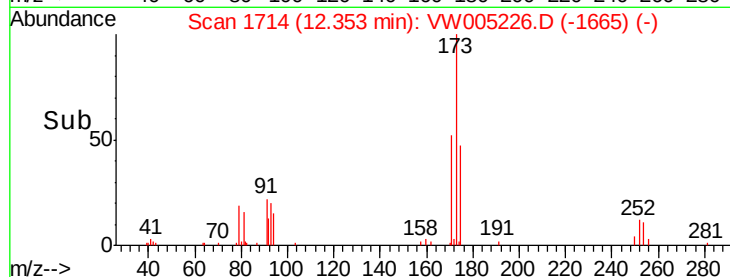
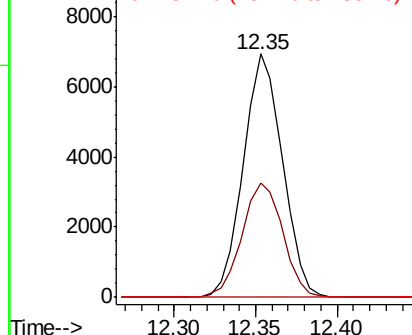
173 100

175 49.0 24.0 72.0

254 0.0 0.1 0.1#



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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

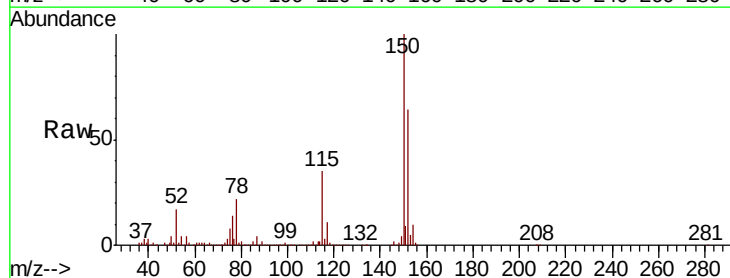
Tgt Ion:152 Resp: 382643

Ion Ratio Lower Upper

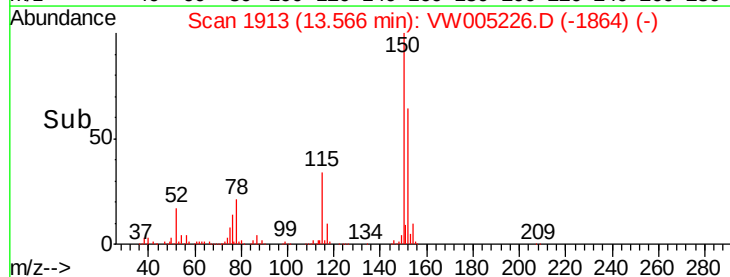
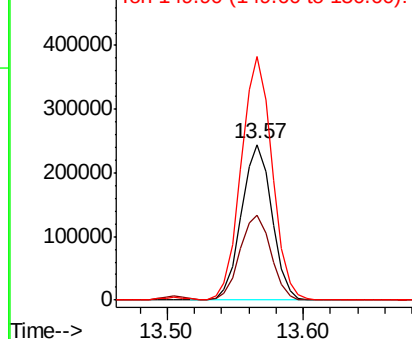
152 100

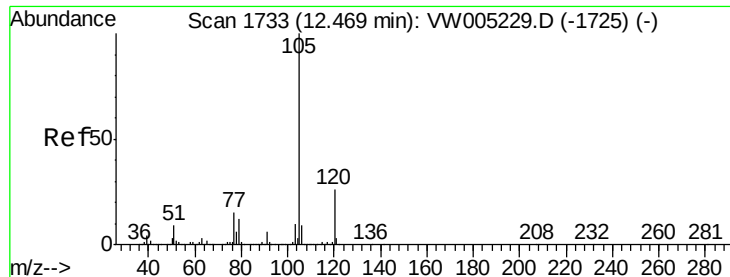
115 55.6 28.1 84.3

150 158.8 0.0 351.4



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: 4.387 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

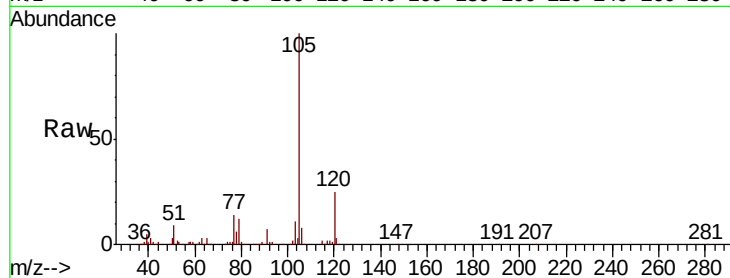
VSTDIC005

Tgt Ion:105 Resp: 114050

Ion Ratio Lower Upper

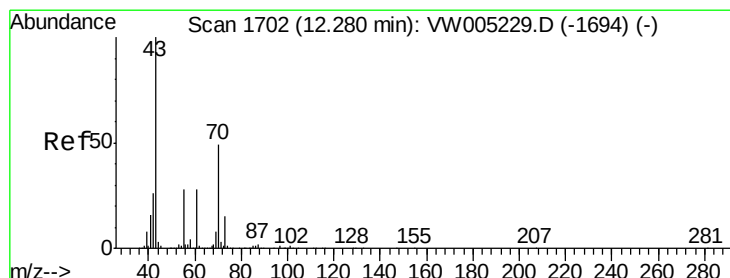
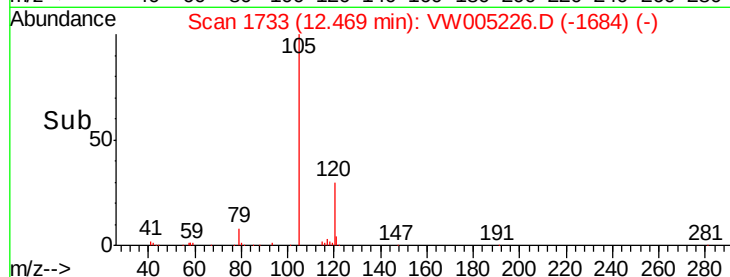
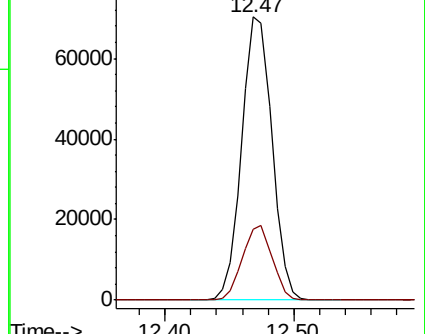
105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.226 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Tgt Ion: 43 Resp: 22357

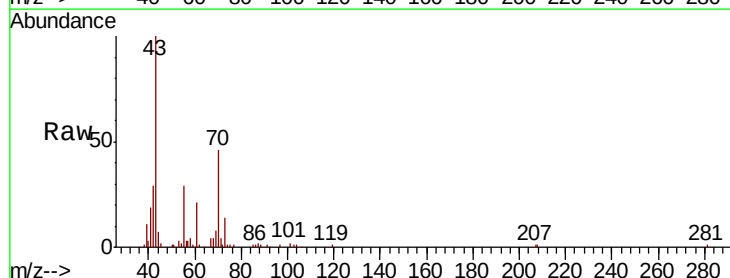
Ion Ratio Lower Upper

43 100

70 44.3 38.3 57.5

55 30.4 22.5 33.7

61 23.5 21.1 31.7

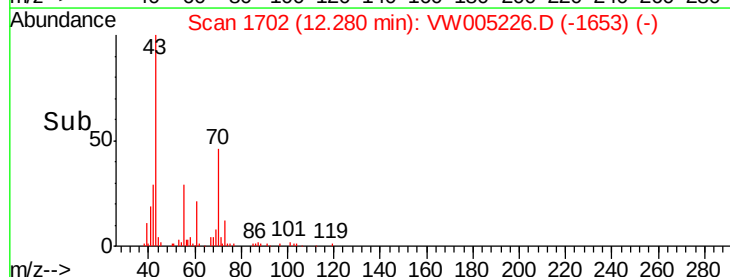
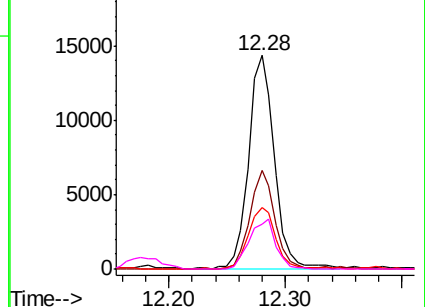


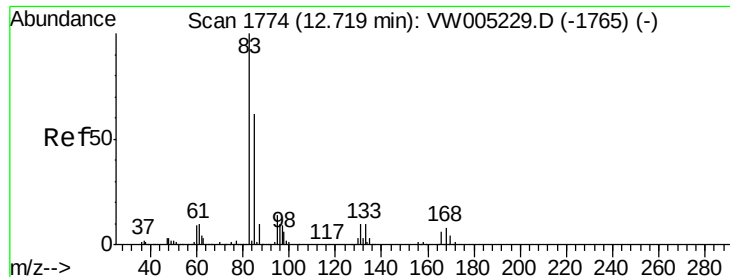
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 4.827 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

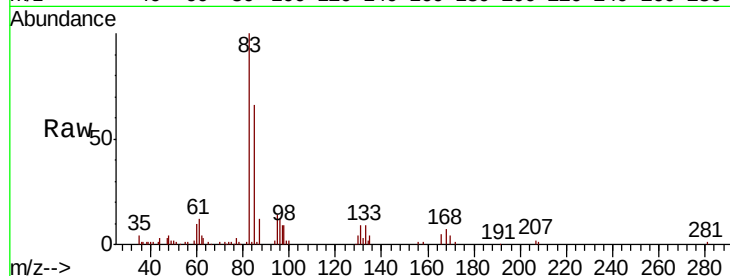
Tgt Ion: 83 Resp: 20752

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

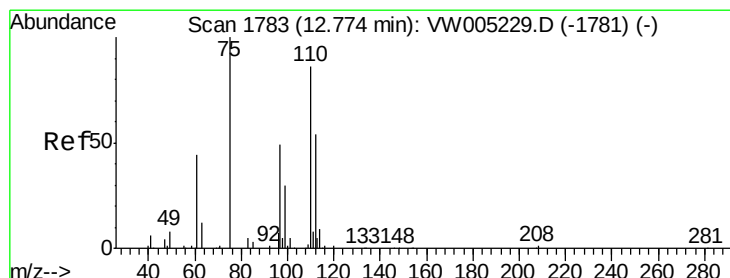
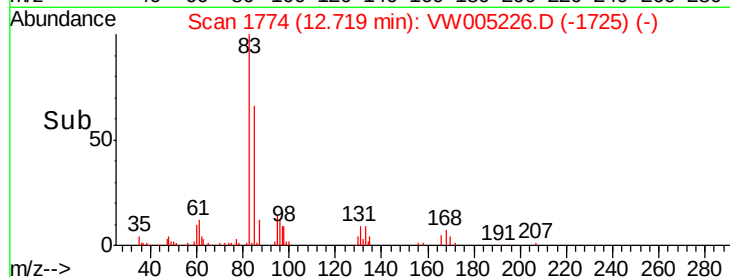
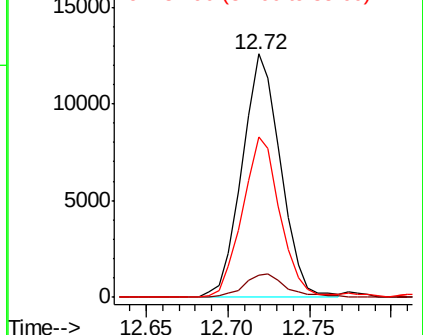
85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.652 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005226.D

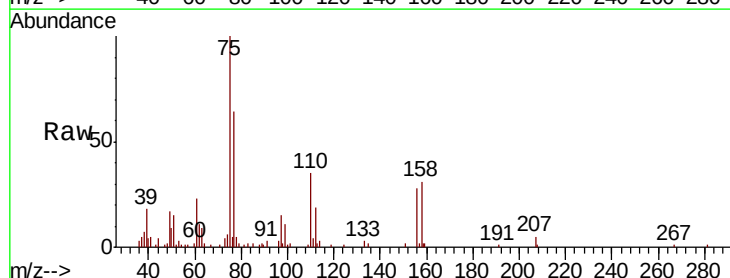
Acq: 07 Sep 2018 23:46

Tgt Ion: 75 Resp: 26574

Ion Ratio Lower Upper

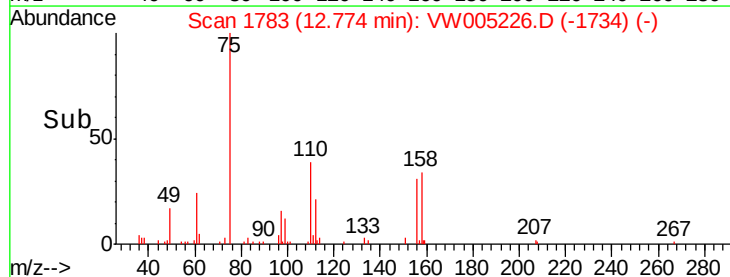
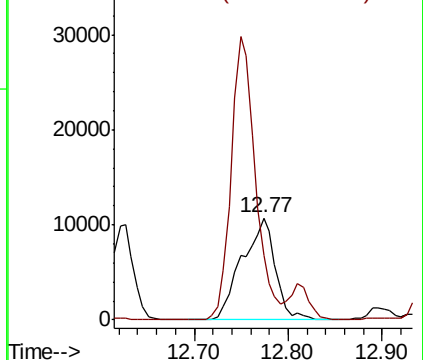
75 100

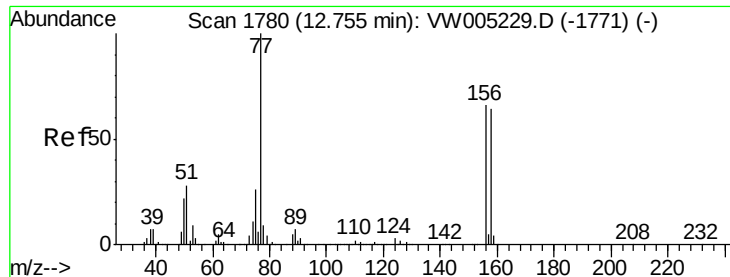
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.790 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

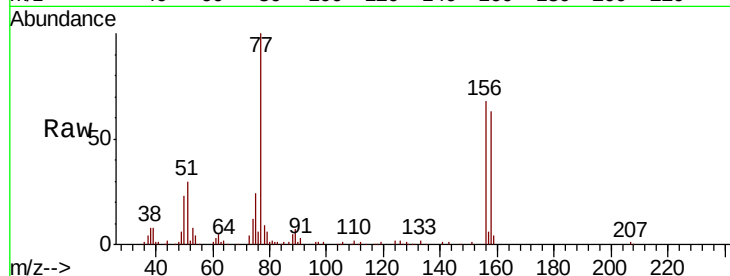
Tgt Ion:156 Resp: 31022

Ion Ratio Lower Upper

156 100

77 172.2 86.4 259.2

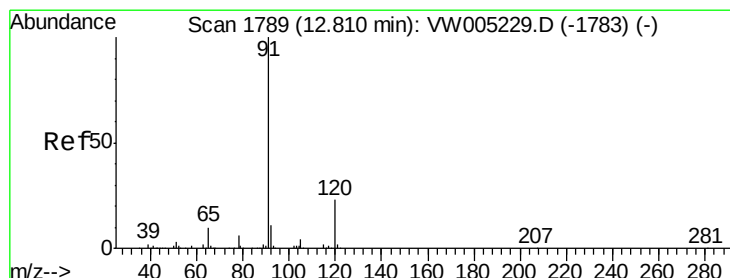
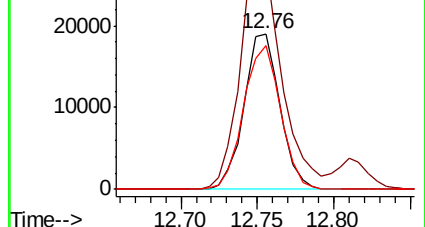
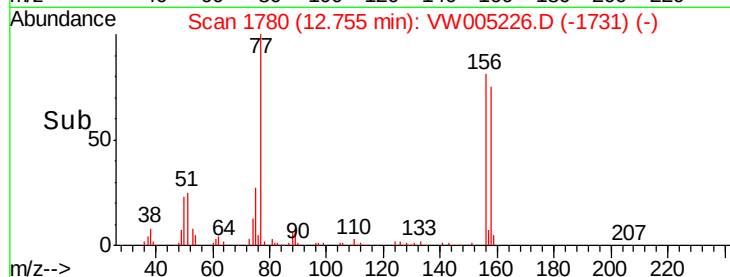
158 95.0 48.4 145.0



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: 4.437 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005226.D

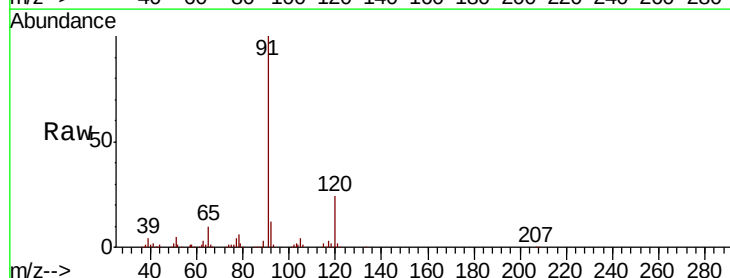
Acq: 07 Sep 2018 23:46

Tgt Ion: 91 Resp: 138909

Ion Ratio Lower Upper

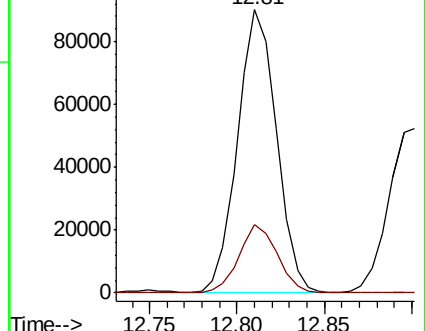
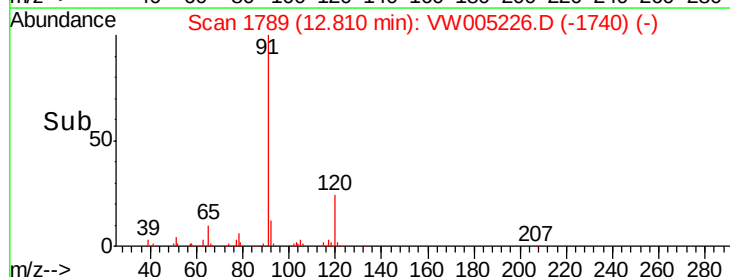
91 100

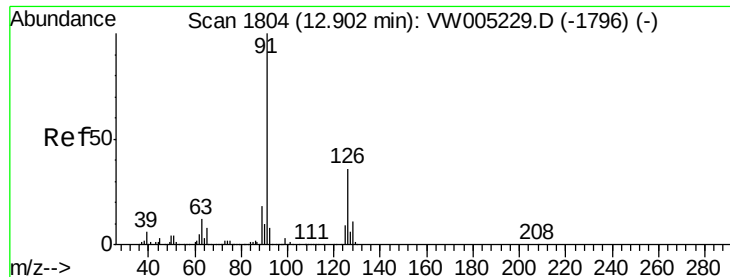
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.607 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampled :

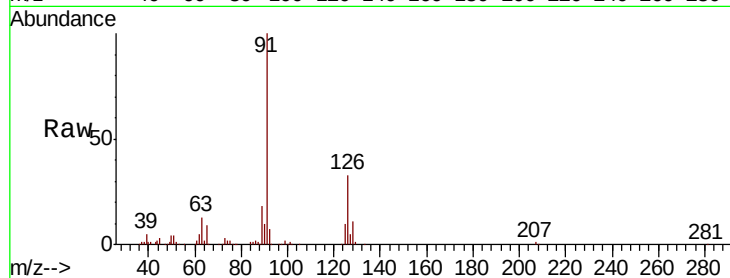
VSTDIC005

Tgt Ion: 91 Resp: 84624

Ion Ratio Lower Upper

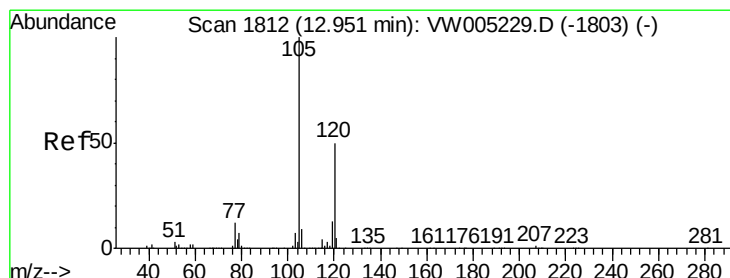
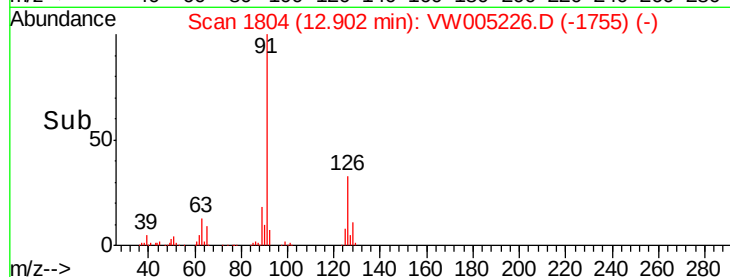
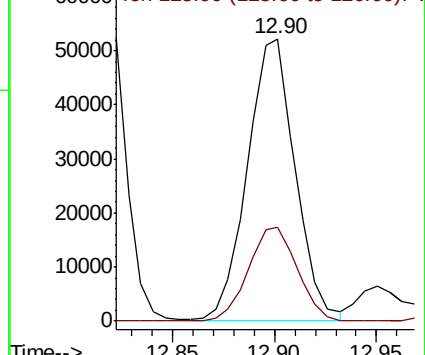
91 100

126 34.5 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: 4.292 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005226.D

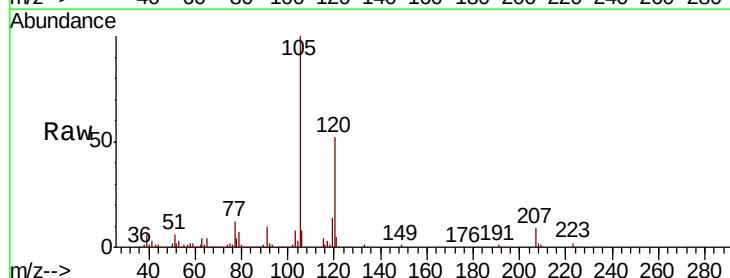
Acq: 07 Sep 2018 23:46

Tgt Ion: 105 Resp: 95928

Ion Ratio Lower Upper

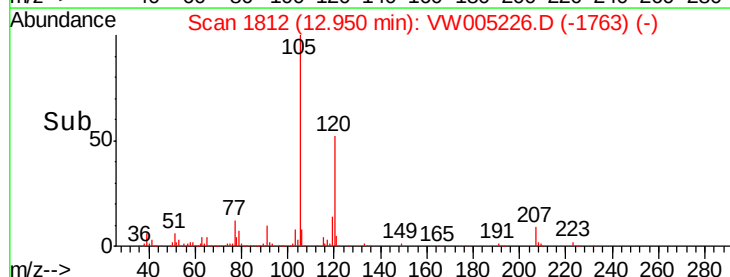
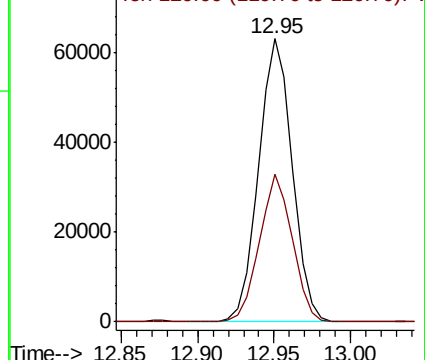
105 100

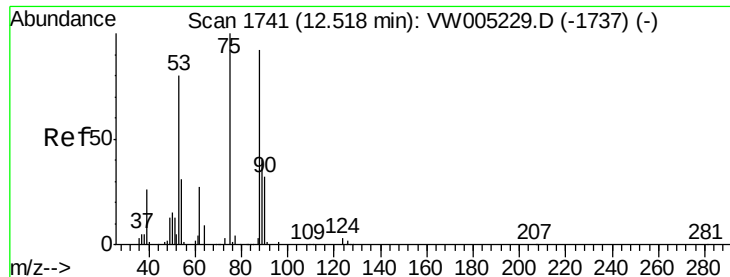
120 51.5 25.3 75.8



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: 4.436 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

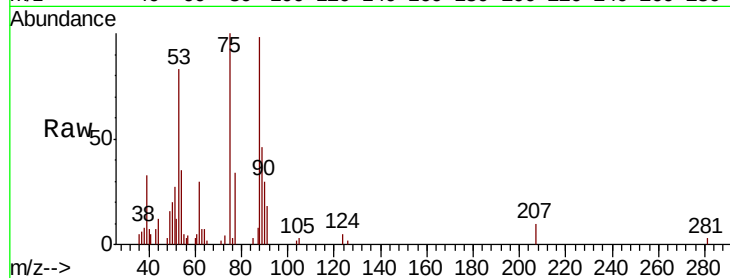
Tgt Ion: 75 Resp: 5408

Ion Ratio Lower Upper

75 100

53 87.7 69.0 103.6

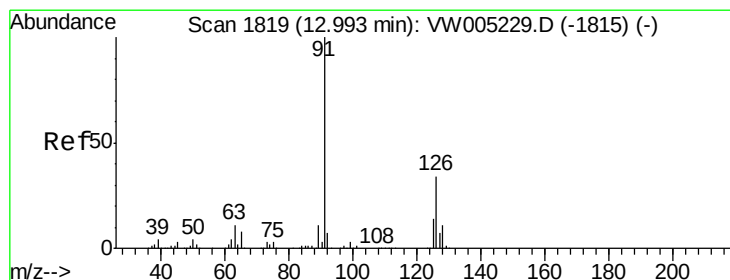
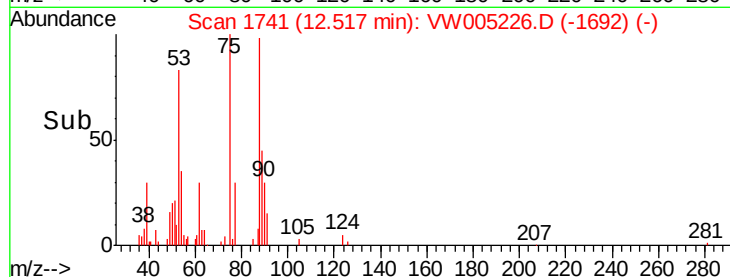
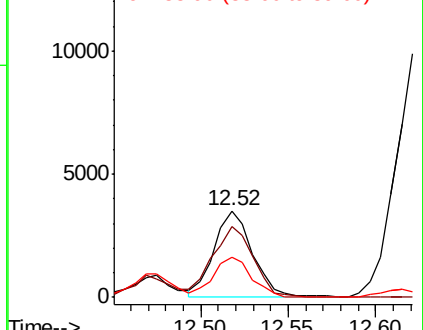
89 45.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 4.636 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005226.D

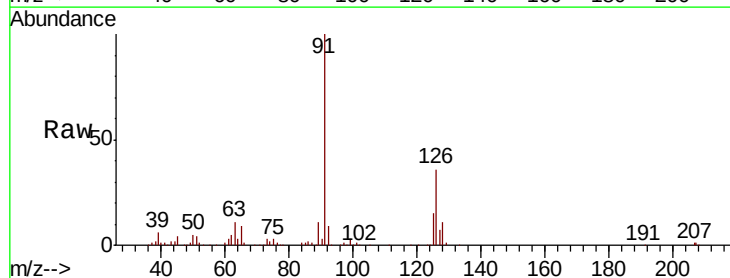
Acq: 07 Sep 2018 23:46

Tgt Ion: 91 Resp: 89301

Ion Ratio Lower Upper

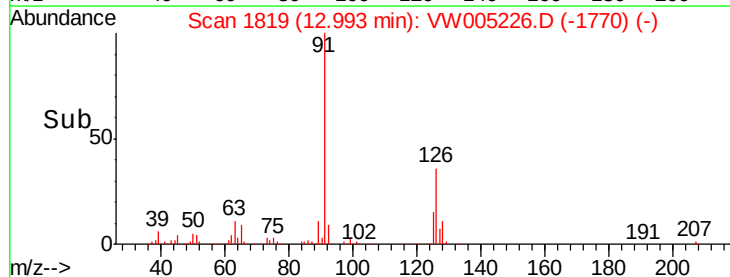
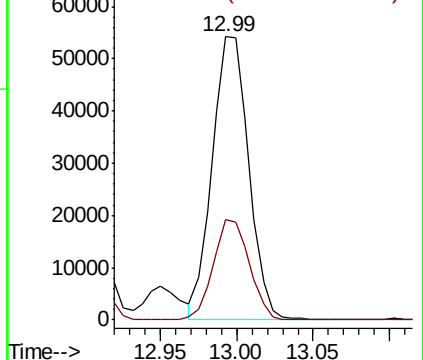
91 100

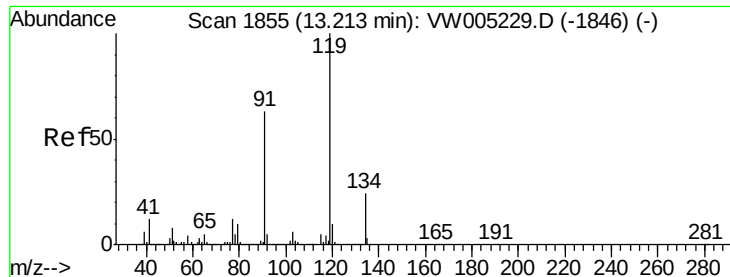
126 35.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 4.365 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

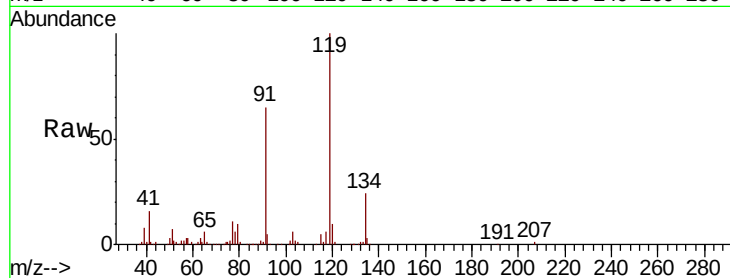
Tgt Ion:119 Resp: 82780

Ion Ratio Lower Upper

119 100

91 64.6 30.8 92.3

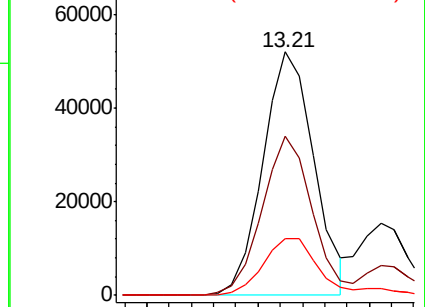
134 26.9 12.7 38.0



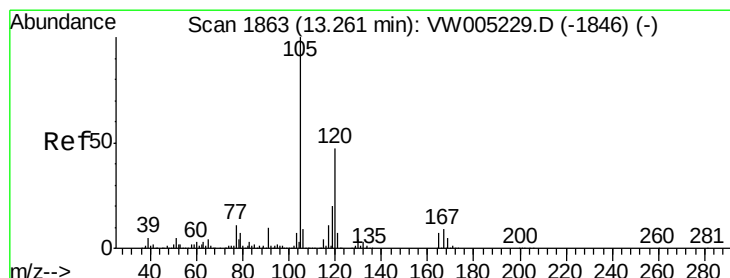
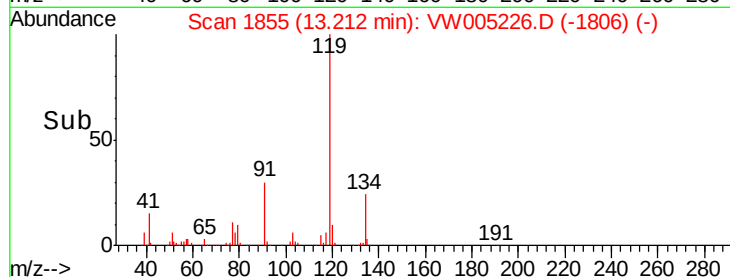
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 4.333 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005226.D

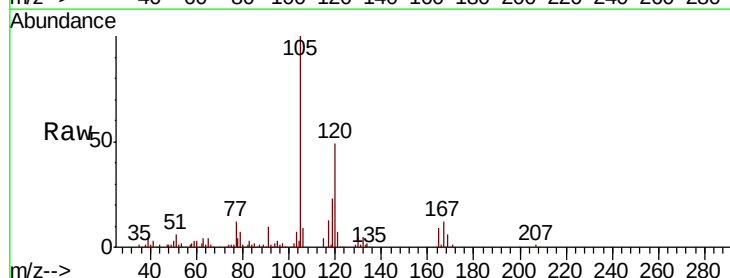
Acq: 07 Sep 2018 23:46

Tgt Ion:105 Resp: 98932

Ion Ratio Lower Upper

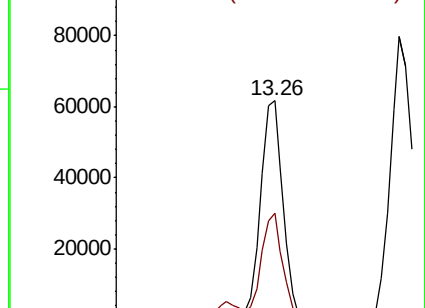
105 100

120 46.0 23.2 69.6

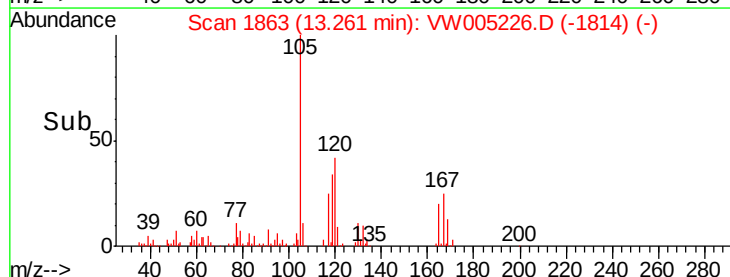


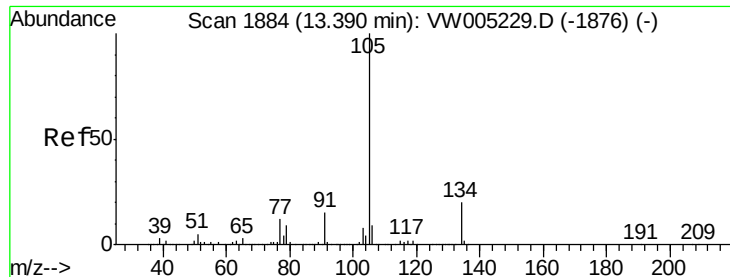
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

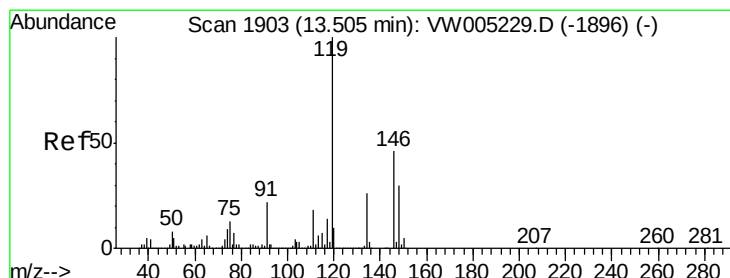
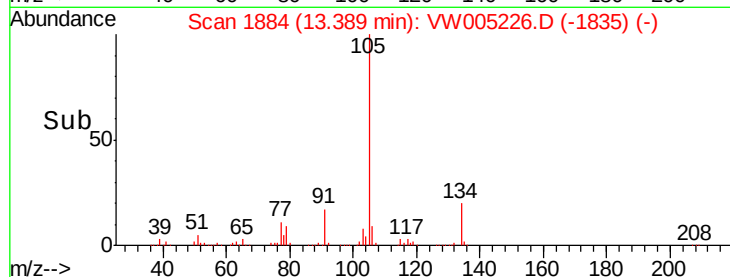
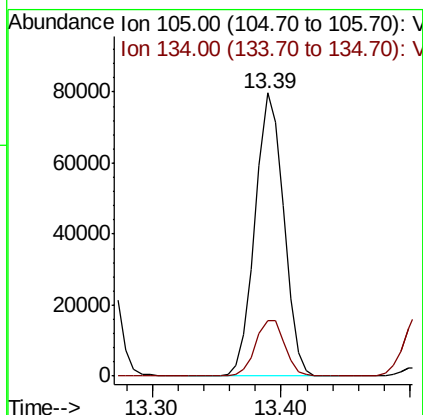
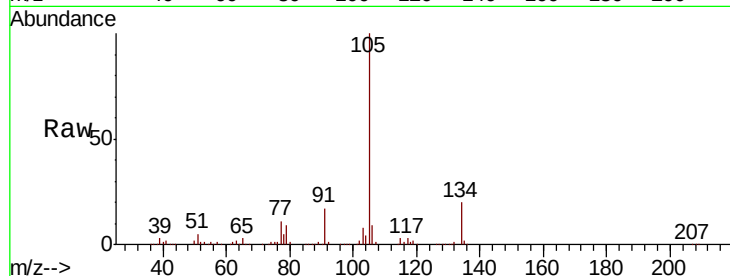




#85
 sec-Butylbenzene
 Concen: 4.441 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

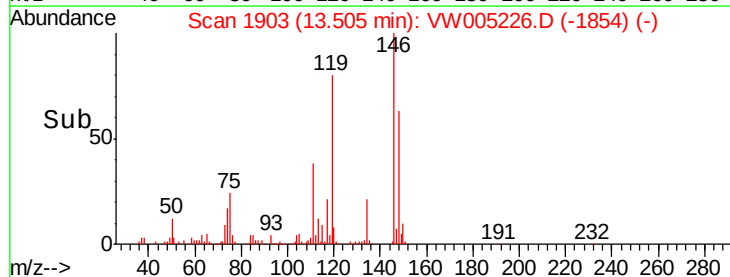
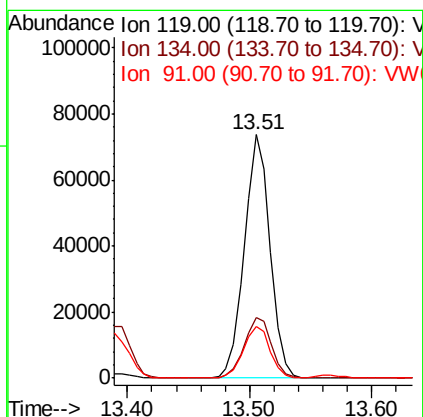
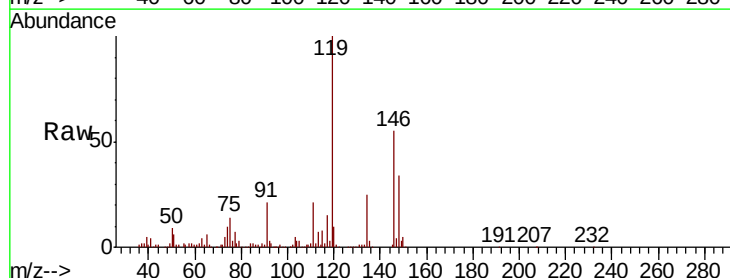
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

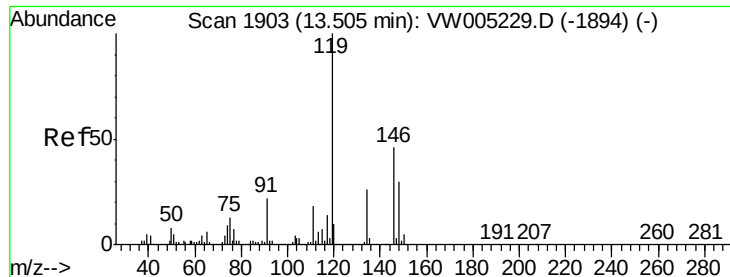
Tgt Ion:105 Resp: 122670
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 4.362 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion:119 Resp: 107215
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.5 10.9 32.7

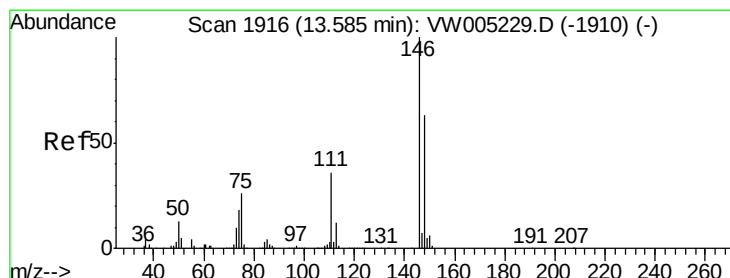
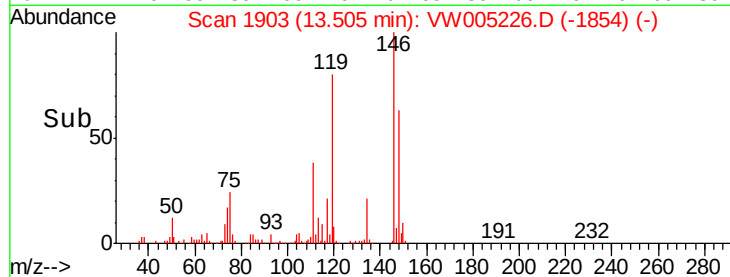
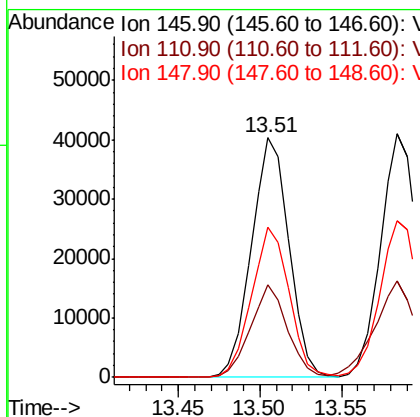
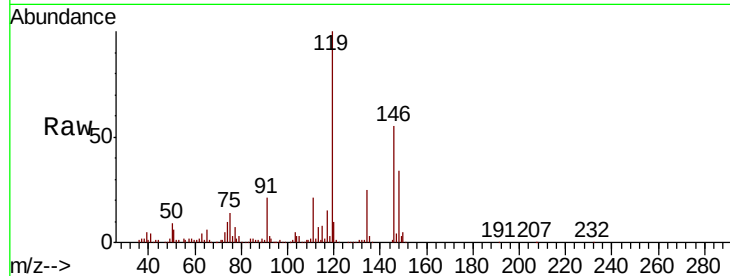




#87
 1,3-Dichlorobenzene
 Concen: 4.881 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

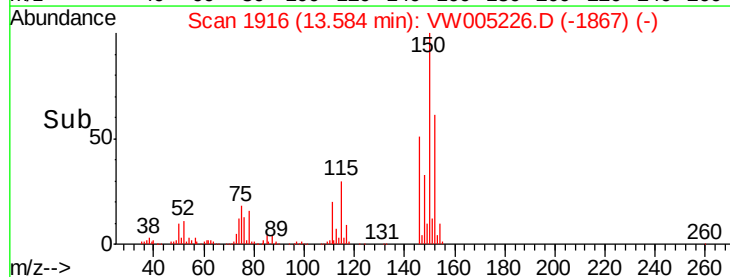
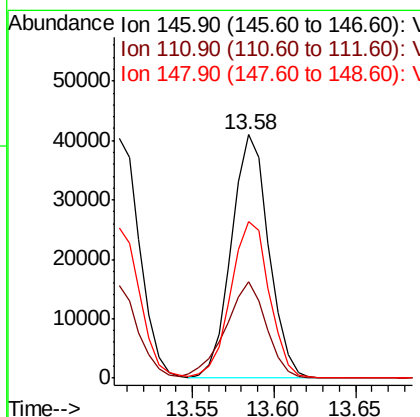
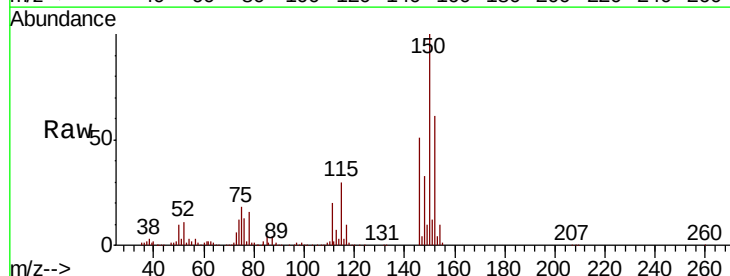
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

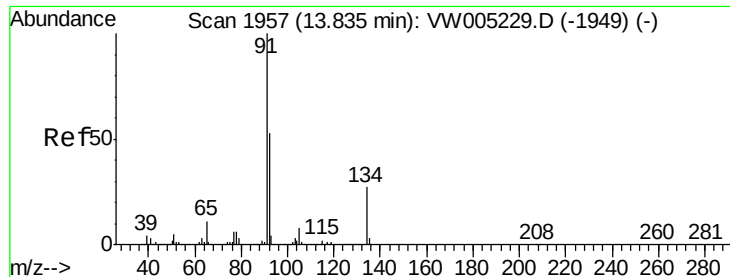
Tgt Ion:146 Resp: 64581
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 62.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 4.977 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion:146 Resp: 65325
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.6 56.0
 148 66.7 32.0 96.0





#89

n-Butylbenzene

Concen: 4.332 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005226.D

Acq: 07 Sep 2018 23:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

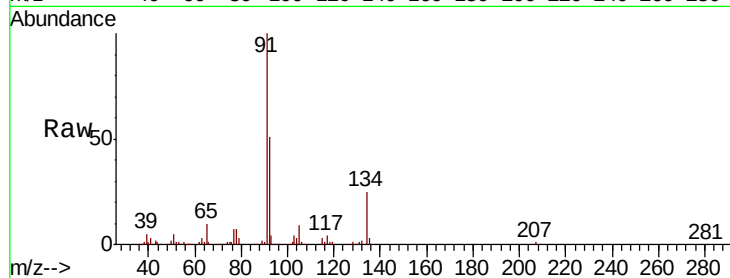
Tgt Ion: 91 Resp: 98102

Ion Ratio Lower Upper

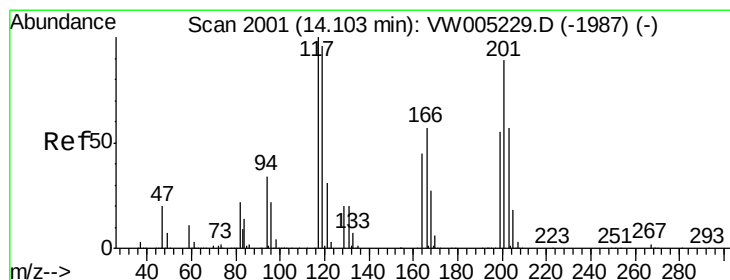
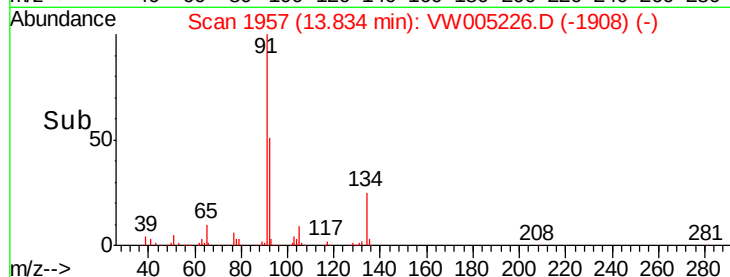
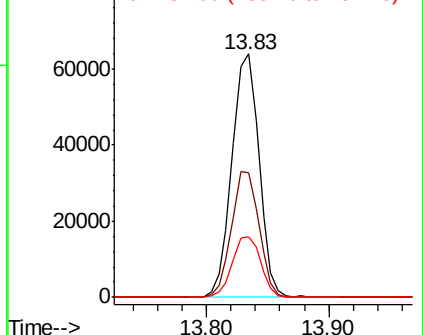
91 100

92 52.3 26.7 80.0

134 26.0 13.5 40.4



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: 4.694 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005226.D

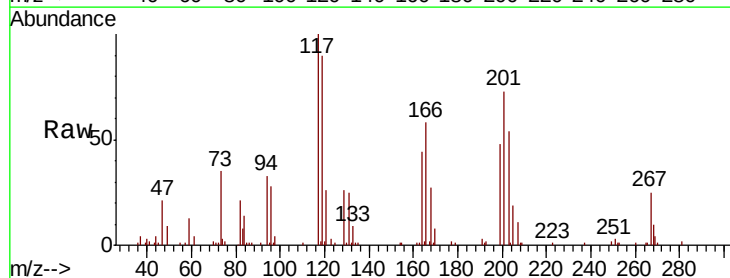
Acq: 07 Sep 2018 23:46

Tgt Ion: 117 Resp: 18986

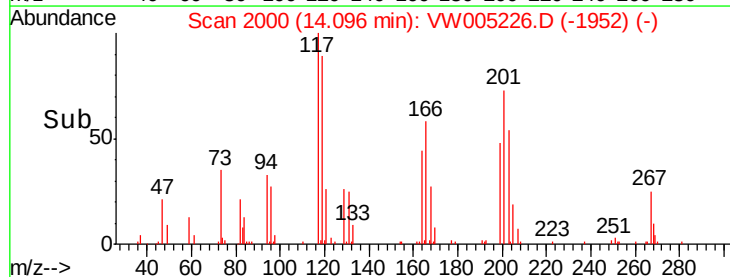
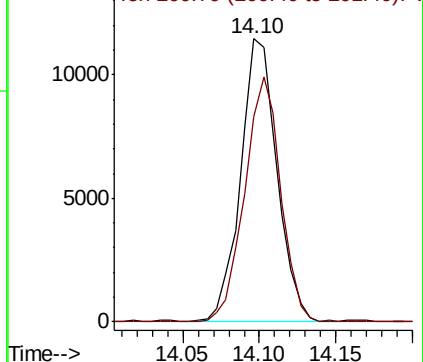
Ion Ratio Lower Upper

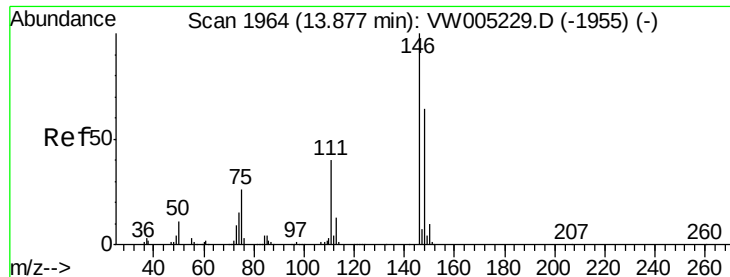
117 100

201 85.0 44.8 134.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

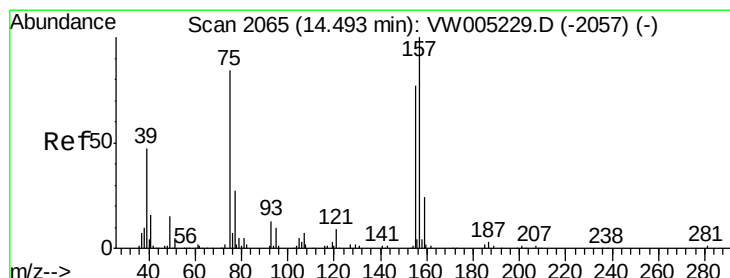
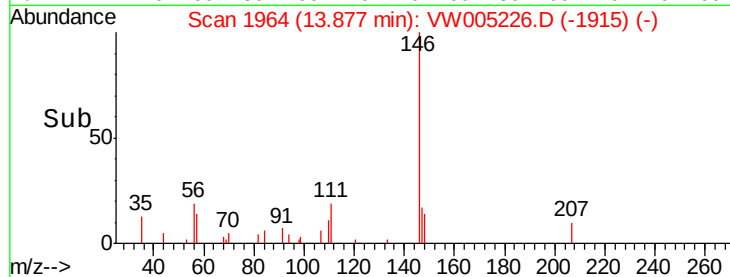
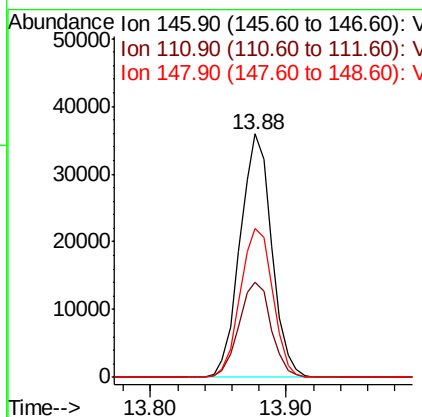
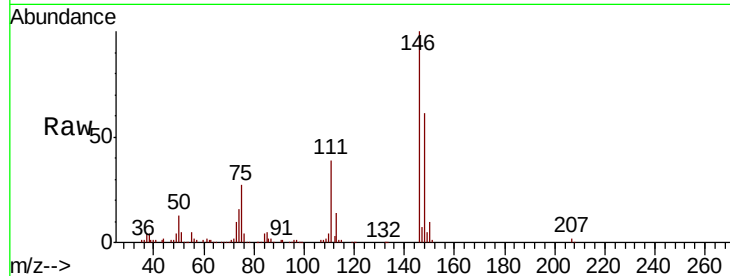




#91
 1,2-Dichlorobenzene
 Concen: 4.898 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

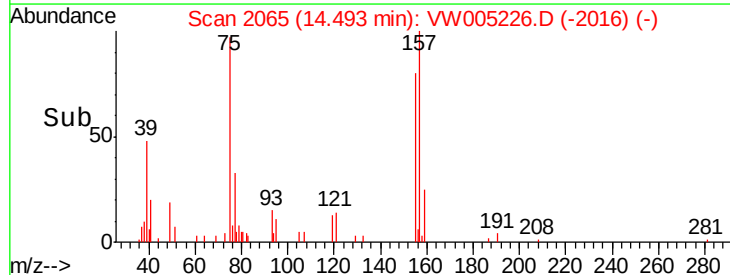
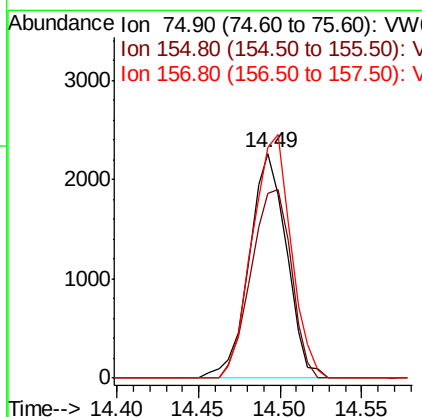
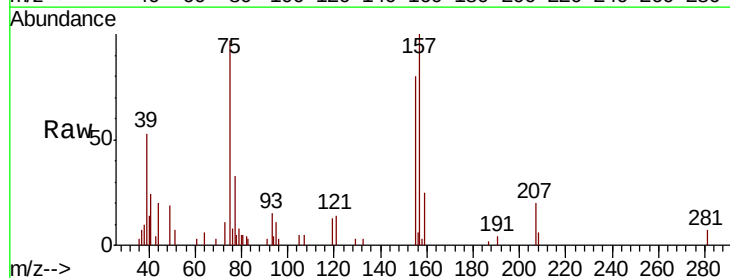
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

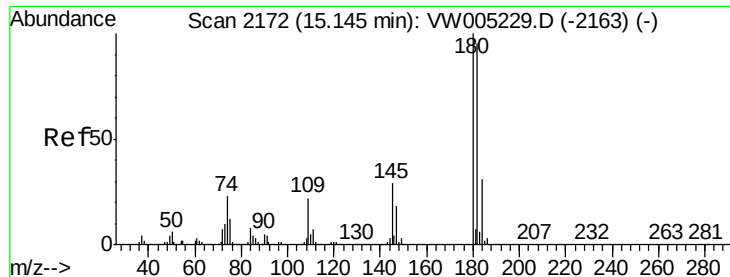
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	63.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.991 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	45.6	136.9
157	111.9	59.6	178.7

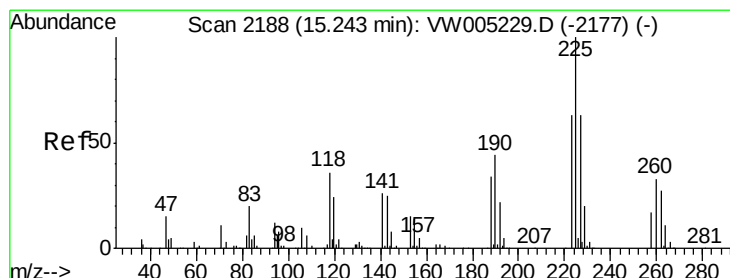
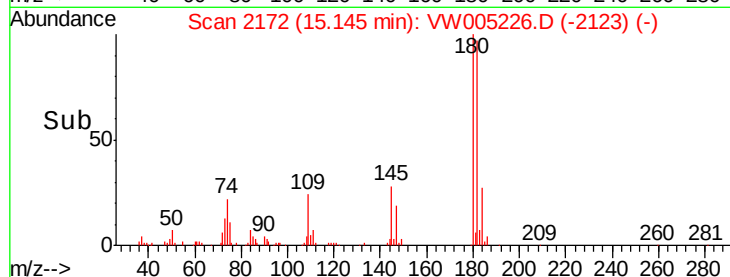
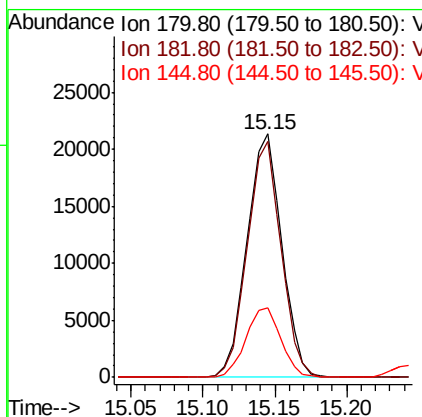
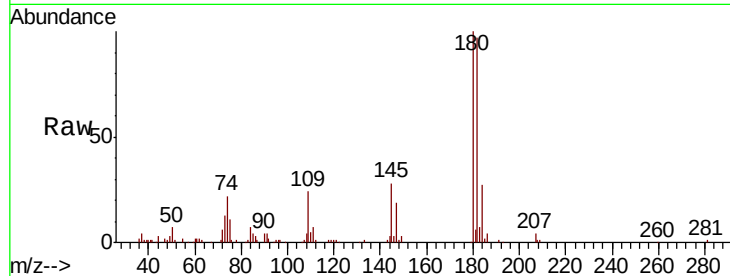




#93
 1,2,4-Trichlorobenzene
 Concen: 4.446 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

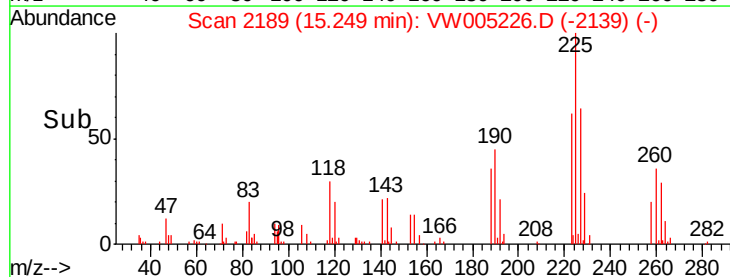
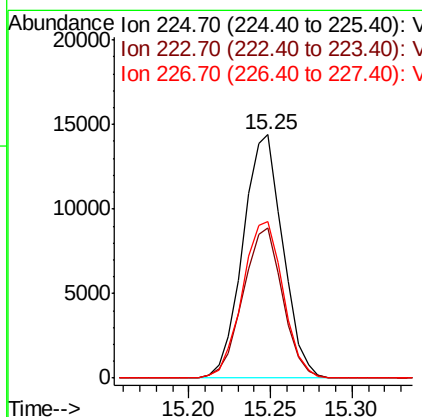
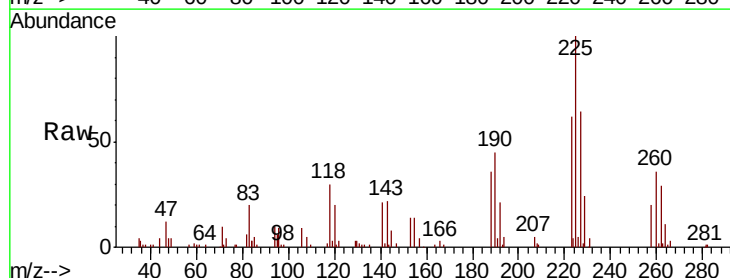
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

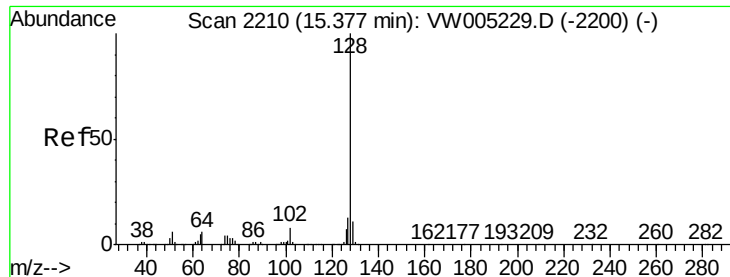
Tgt Ion:180 Resp: 35478
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.8
 145 28.8 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 4.898 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005226.D
 Acq: 07 Sep 2018 23:46

Tgt Ion:225 Resp: 24498
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.2
 227 65.4 31.9 95.9

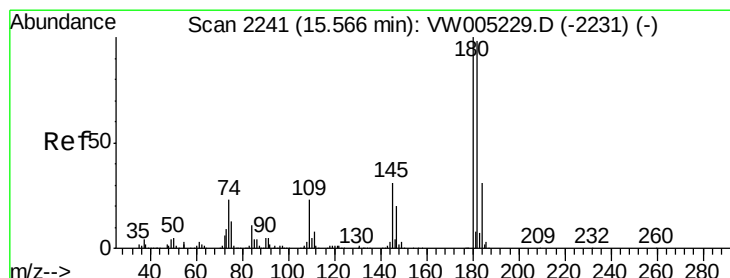
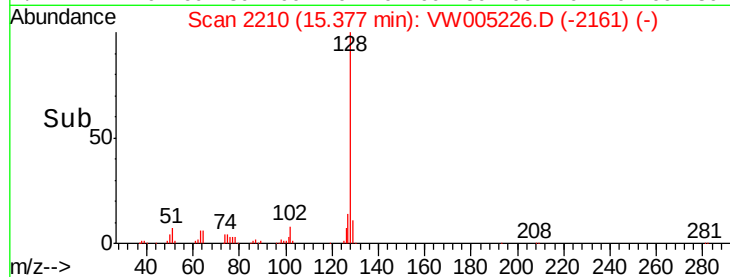
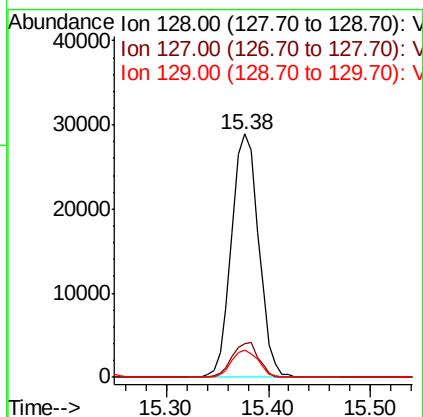
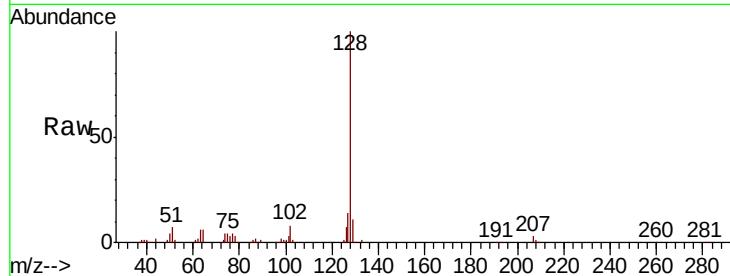




#95
Naphthalene
Concen: 6.157 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.483 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005226.D
Acq: 07 Sep 2018 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	31.0	15.3	45.9

