

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005227.D
 Acq On : 08 Sep 2018 00:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 08 02:43:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	460056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	681912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	691833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38404	10.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.14%	
35) Dibromofluoromethane	7.89	113	36576	9.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.68%	
50) Toluene-d8	10.33	98	180440	9.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.86%	
62) 4-Bromofluorobenzene	12.63	95	67211	10.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	45483	12.306	ug/l	94
3) Chloromethane	2.21	50	62464	11.785	ug/l	100
4) Vinyl Chloride	2.36	62	53373	10.416	ug/l	97
5) Bromomethane	2.76	94	38913	11.036	ug/l	95
6) Chloroethane	2.92	64	31293	9.932	ug/l	99
7) Trichlorofluoromethane	3.26	101	55259	9.598	ug/l	98
8) Diethyl Ether	3.70	74	21091	10.054	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39489	9.949	ug/l	99
10) Methyl Iodide	4.28	142	33753	6.692	ug/l	99
11) Tert butyl alcohol	5.17	59	15922	57.374	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	35748	9.785	ug/l	94
13) Acrolein	3.90	56	13912	55.180	ug/l	96
14) Allyl chloride	4.68	41	54723	9.595	ug/l	99
15) Acrylonitrile	5.37	53	48099	53.441	ug/l	99
16) Acetone	4.13	43	33664	45.143	ug/l	99
17) Carbon Disulfide	4.38	76	121273	9.487	ug/l	100
18) Methyl Acetate	4.68	43	21486	9.667	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89040	9.952	ug/l	95
20) Methylene Chloride	4.92	84	82205	13.181	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	42372	9.527	ug/l	96
22) Diisopropyl ether	6.32	45	118703	9.873	ug/l	99
23) Vinyl Acetate	6.26	43	311932	49.108	ug/l	99
24) 1,1-Dichloroethane	6.23	63	72675	9.704	ug/l	100
25) 2-Butanone	7.18	43	54019	42.151	ug/l	93
26) 2,2-Dichloropropane	7.17	77	58023	9.494	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	47432	9.768	ug/l	100
28) Bromochloromethane	7.52	49	27860	9.260	ug/l	99
29) Tetrahydrofuran	7.54	42	36947	54.403	ug/l	97
30) Chloroform	7.68	83	74129	9.700	ug/l	96
31) Cyclohexane	7.96	56	72750	9.828	ug/l #	86
32) 1,1,1-Trichloroethane	7.88	97	65004	9.758	ug/l	99
36) 1,1-Dichloropropene	8.09	75	59510	9.339	ug/l	99
37) Ethyl Acetate	7.27	43	26055	10.764	ug/l	99
38) Carbon Tetrachloride	8.08	117	56829	9.413	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73113	9.442	ug/l	93
40) Benzene	8.33	78	189959	9.728	ug/l	99
41) Methacrylonitrile	7.49	41	12456	8.981	ug/l	91
42) 1,2-Dichloroethane	8.41	62	47007	9.849	ug/l	98
43) Isopropyl Acetate	8.43	43	46357	10.489	ug/l	99
44) Trichloroethene	9.10	130	50719	9.645	ug/l	89
45) 1,2-Dichloropropane	9.37	63	43400	9.125	ug/l	99
46) Dibromomethane	9.46	93	20830	9.156	ug/l	98
47) Bromodichloromethane	9.65	83	51922	9.080	ug/l	95
48) Methyl methacrylate	9.45	41	21998	10.177	ug/l	93
49) 1,4-Dioxane	9.45	88	8106	216.861	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	125020	43.699	ug/l	99
52) Toluene	10.40	92	134308	10.148	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53102	9.376	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	63936	9.338	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	35249	9.956	ug/l	97
56) Ethyl methacrylate	10.65	69	42252	10.270	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58775	10.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93540	48.790	ug/l	100
59) 2-Hexanone	10.98	43	86070	44.281	ug/l	98
60) Dibromochloromethane	11.13	129	37572	9.384	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32683	10.161	ug/l	97
64) Tetrachloroethene	10.87	164	53058	9.819	ug/l	98
65) Chlorobenzene	11.66	112	151668	9.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	44355	9.456	ug/l	99
67) Ethyl Benzene	11.74	91	250632	9.677	ug/l	100
68) m/p-Xylenes	11.85	106	202679	19.566	ug/l	99
69) o-Xylene	12.17	106	94512	9.830	ug/l	98
70) Styrene	12.19	104	155337	9.811	ug/l	99
71) Bromoform	12.35	173	24062	9.592	ug/l #	100
73) Isopropylbenzene	12.47	105	247043	9.561	ug/l	100
74) N-amyl acetate	12.28	43	48392	10.546	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	41297	10.294	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54084	19.207	ug/l #	100
77) Bromobenzene	12.76	156	62747	9.832	ug/l	98
78) n-propylbenzene	12.81	91	296910	9.544	ug/l	100
79) 2-Chlorotoluene	12.90	91	179690	9.877	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	213531	9.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11183	9.658	ug/l	97
82) 4-Chlorotoluene	12.99	91	187782	9.768	ug/l	99
83) tert-Butylbenzene	13.21	119	176187	9.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	215627	9.520	ug/l	98
85) sec-Butylbenzene	13.39	105	264009	9.640	ug/l	100
86) p-Isopropyltoluene	13.51	119	228999	9.453	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131014	10.014	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129868	9.991	ug/l	98
89) n-Butylbenzene	13.83	91	205697	9.179	ug/l	99
90) Hexachloroethane	14.10	117	38340	9.479	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	119010	10.394	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6816	10.736	ug/l	98

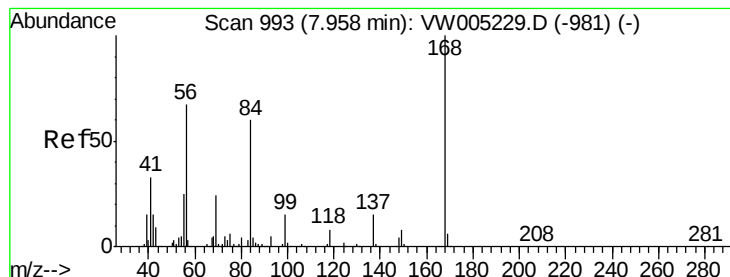
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73304	9.588	ug/l	100
94) Hexachlorobutadiene	15.24	225	49820	10.414	ug/l	99
95) Naphthalene	15.38	128	116645	9.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67426	10.263	ug/l	100

(#) = 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: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

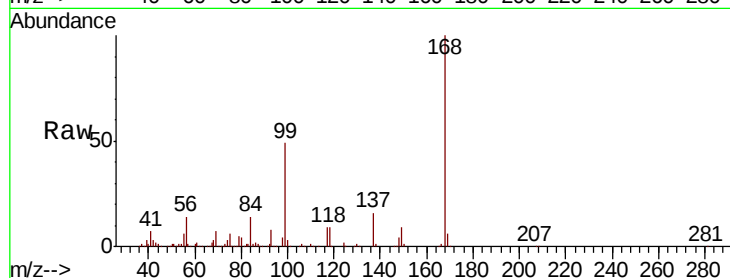
VSTDIC010

Tgt Ion:168 Resp: 460056

Ion Ratio Lower Upper

168 100

99 49.3 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

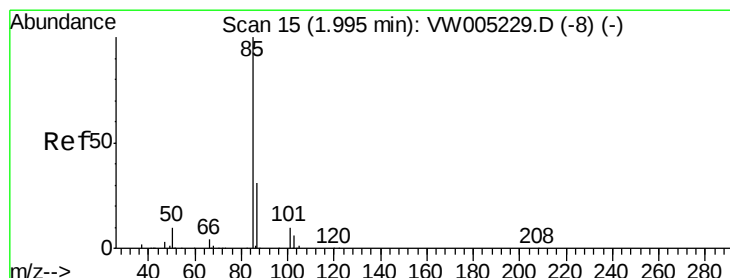
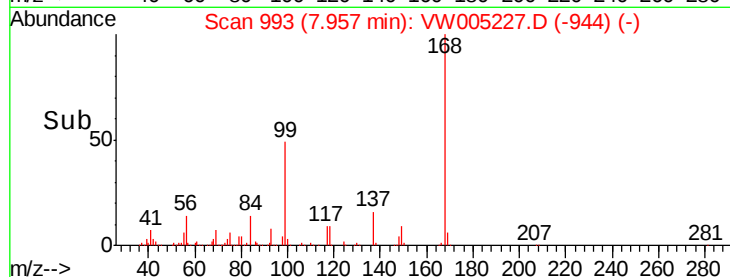
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 12.306 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005227.D

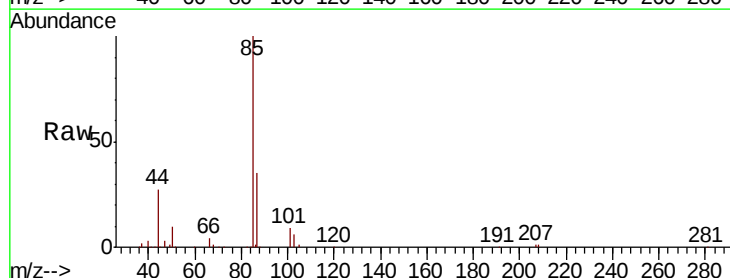
Acq: 08 Sep 2018 00:12

Tgt Ion: 85 Resp: 45483

Ion Ratio Lower Upper

85 100

87 34.7 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

30000

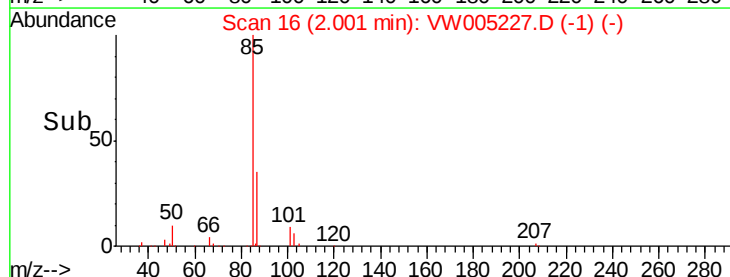
20000

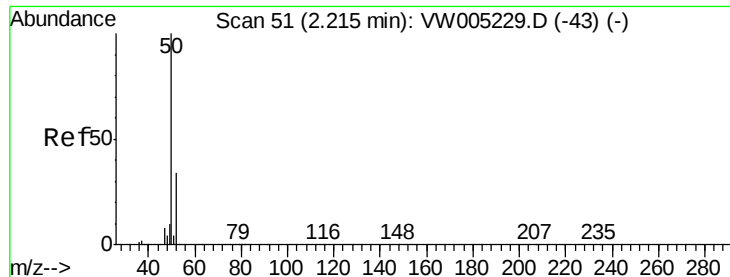
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 11.785 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

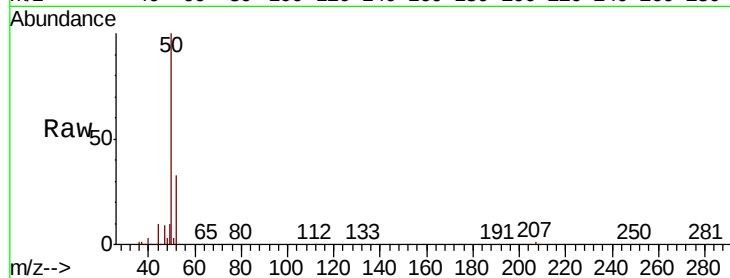
VSTDIC010

Tgt Ion: 50 Resp: 62464

Ion Ratio Lower Upper

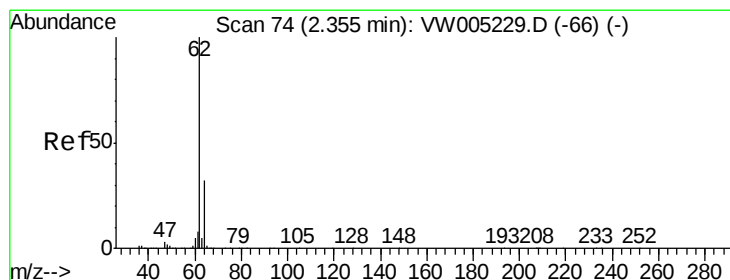
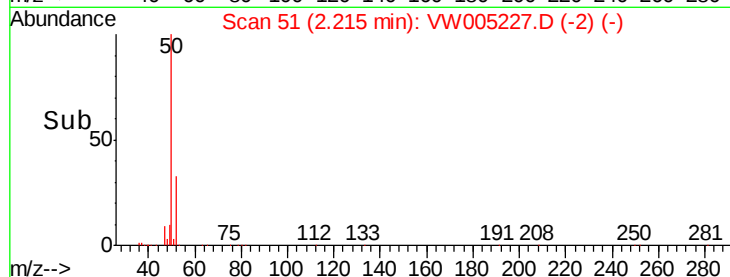
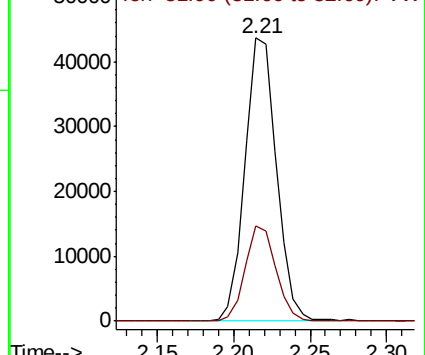
50 100

52 33.4 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 10.416 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005227.D

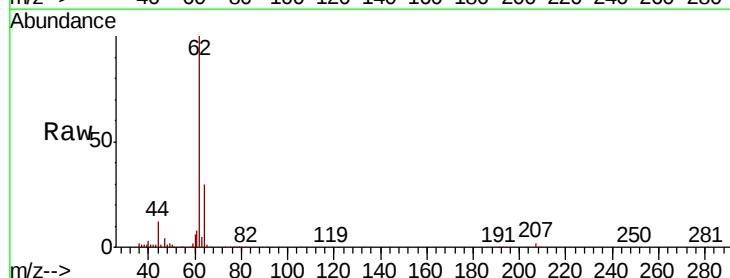
Acq: 08 Sep 2018 00:12

Tgt Ion: 62 Resp: 53373

Ion Ratio Lower Upper

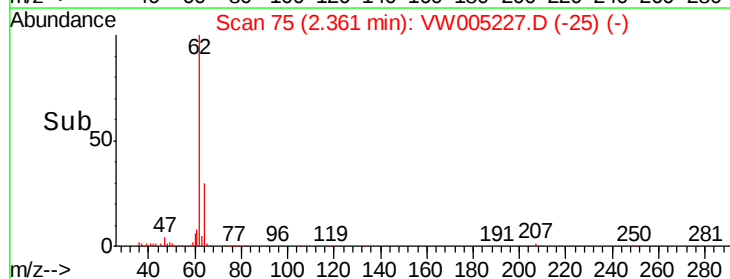
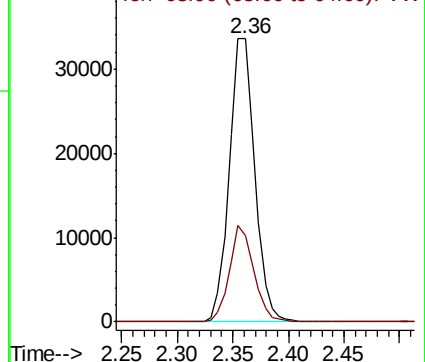
62 100

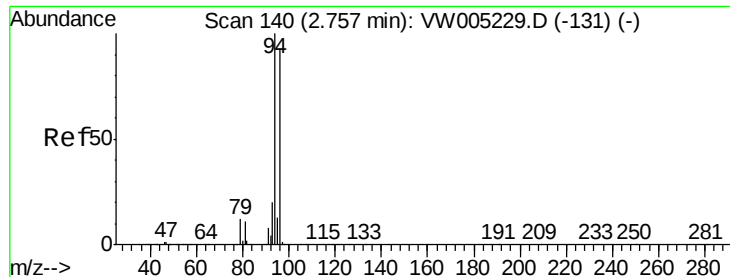
64 30.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 11.036 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

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ClientSampleId :

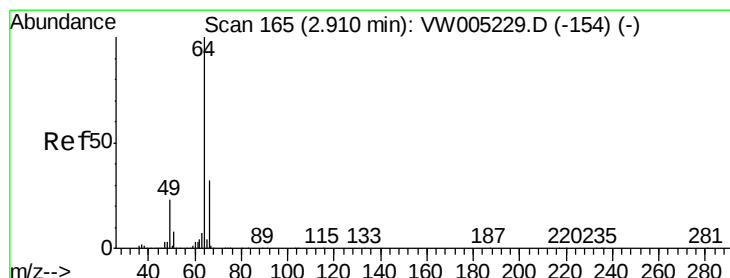
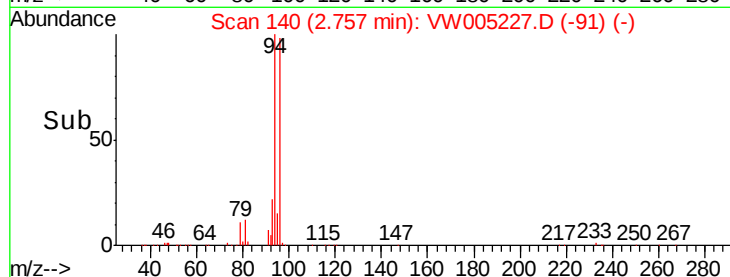
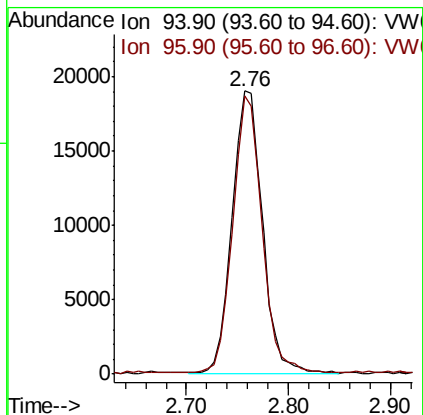
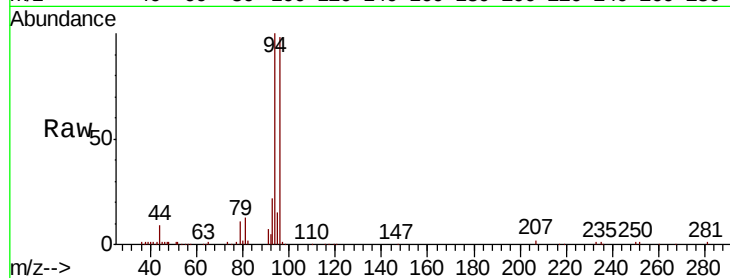
VSTDIC010

Tgt Ion: 94 Resp: 38913

Ion Ratio Lower Upper

94 100

96 98.0 74.6 112.0



#6

Chloroethane

Concen: 9.932 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW005227.D

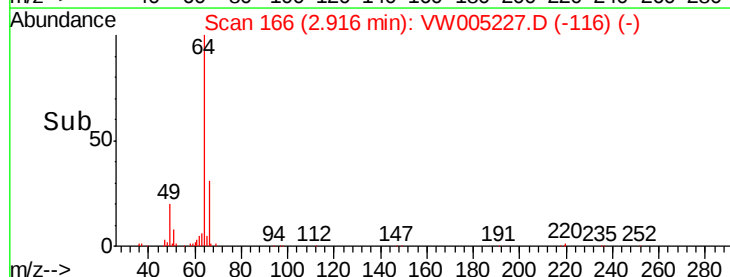
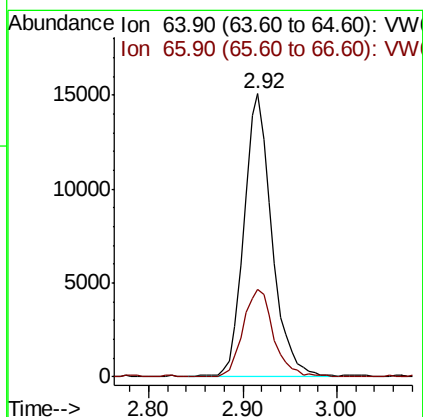
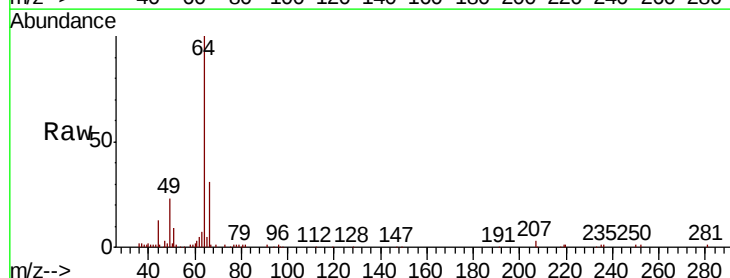
Acq: 08 Sep 2018 00:12

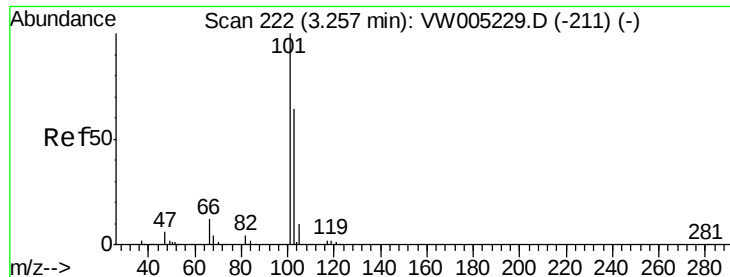
Tgt Ion: 64 Resp: 31293

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



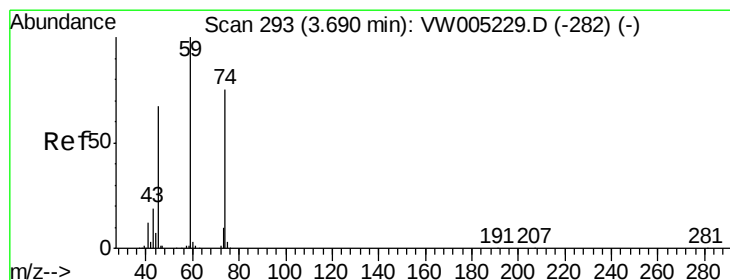
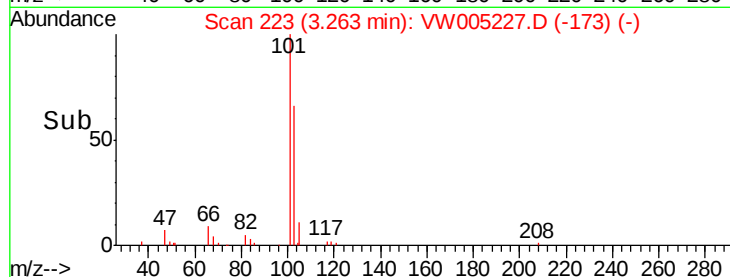
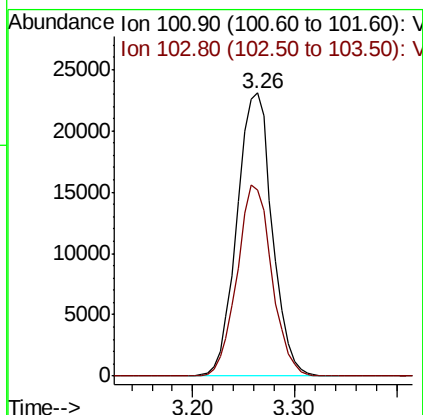
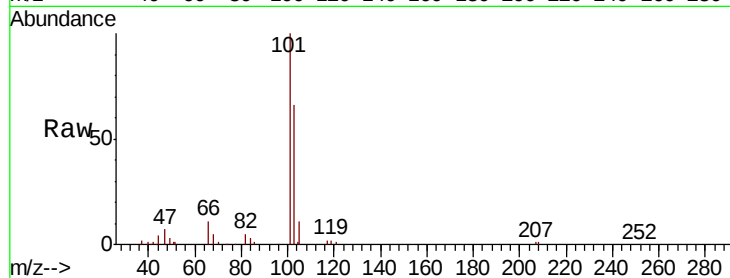


#7

Trichlorofluoromethane
 Concen: 9.598 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

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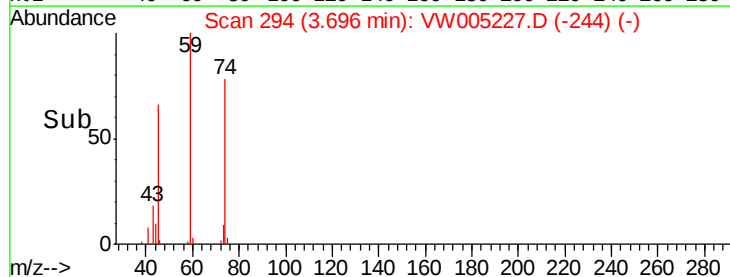
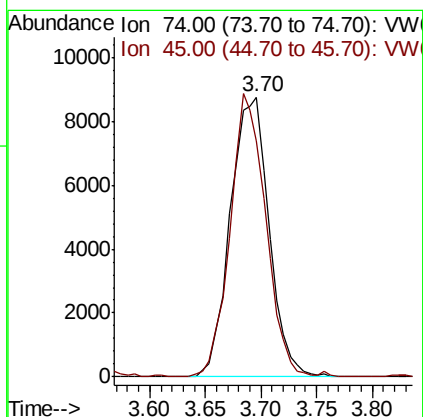
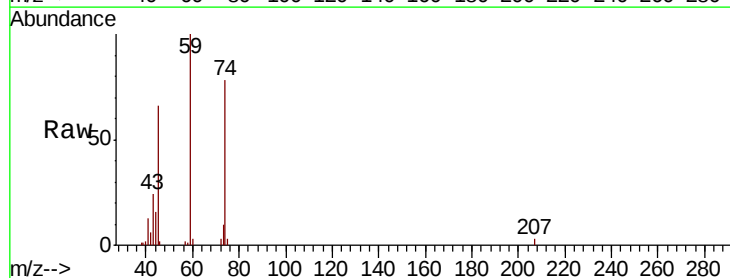
Tgt Ion: 101 Resp: 55259
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.6

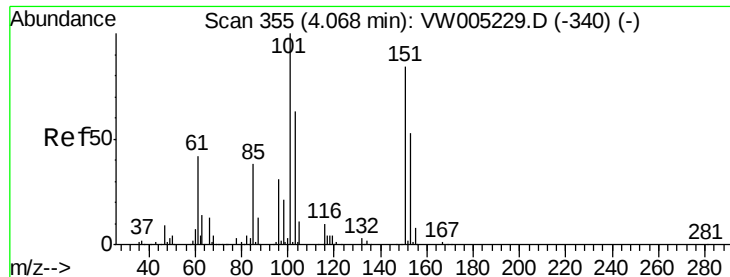


#8

Diethyl Ether
 Concen: 10.054 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion: 74 Resp: 21091
 Ion Ratio Lower Upper
 74 100
 45 92.9 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.949 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

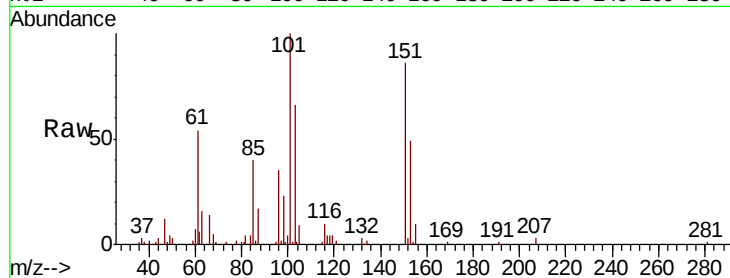
Tgt Ion:101 Resp: 39489

Ion Ratio Lower Upper

101 100

85 41.6 32.5 48.7

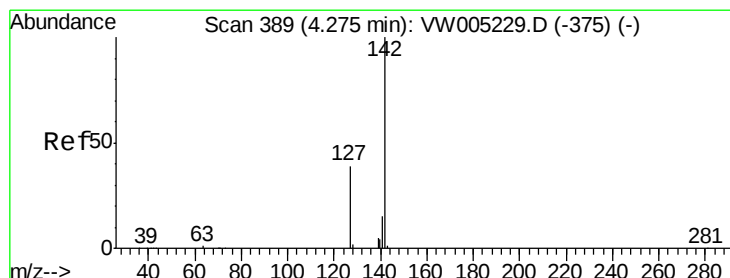
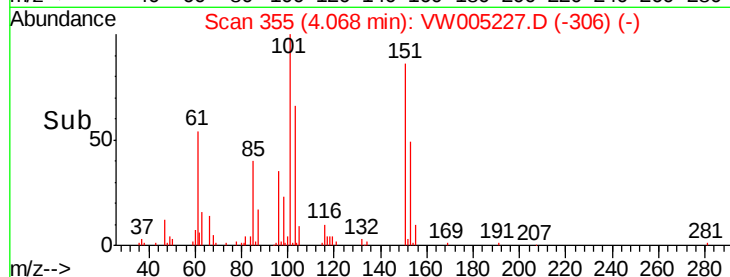
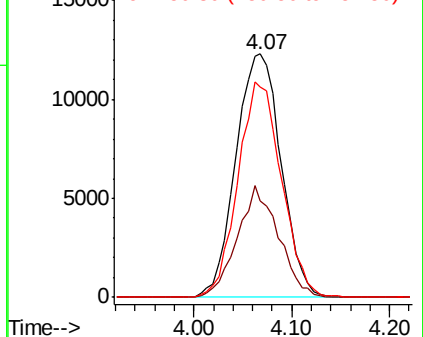
151 85.3 67.7 101.5



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: 6.692 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

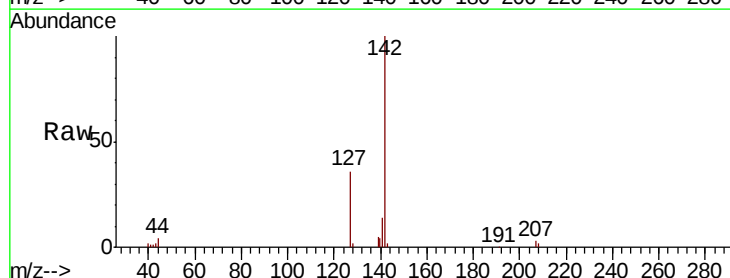
Tgt Ion:142 Resp: 33753

Ion Ratio Lower Upper

142 100

127 39.3 30.6 45.8

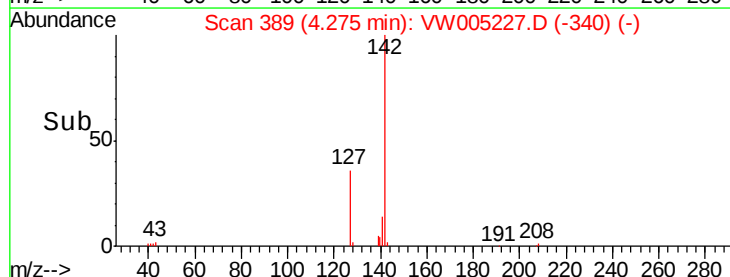
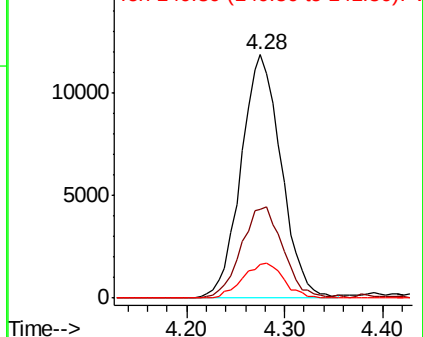
141 14.6 11.6 17.4

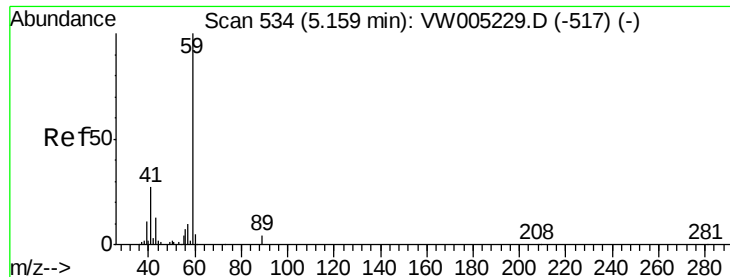


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

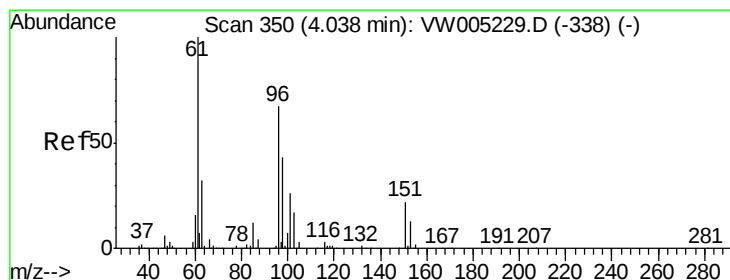
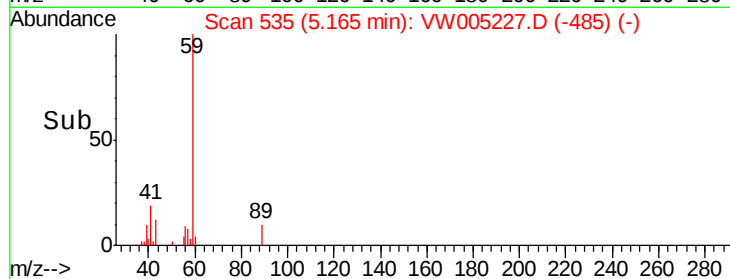
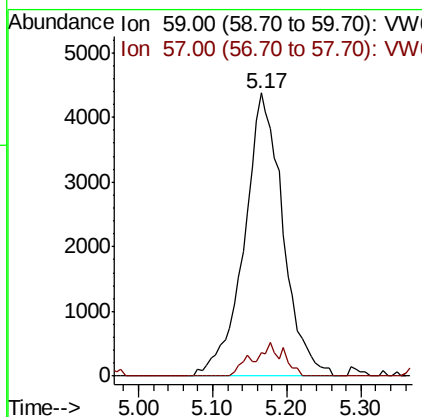
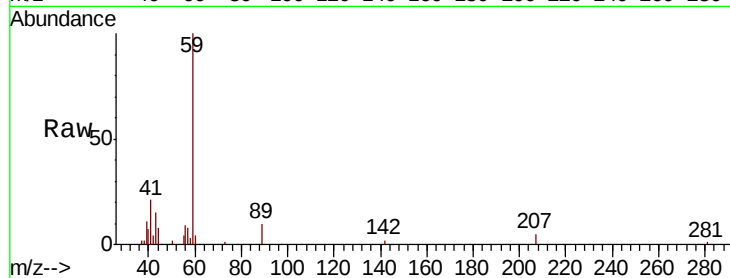




#11
Tert butyl alcohol
Concen: 57.374 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

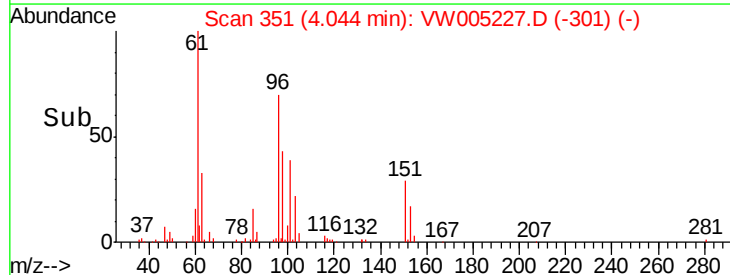
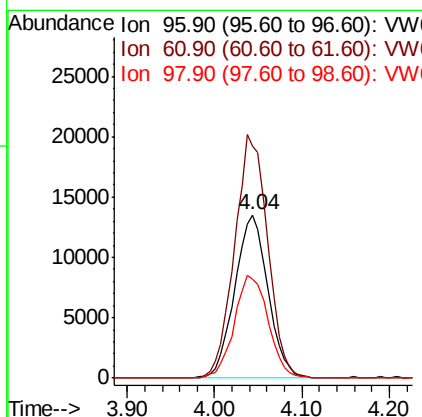
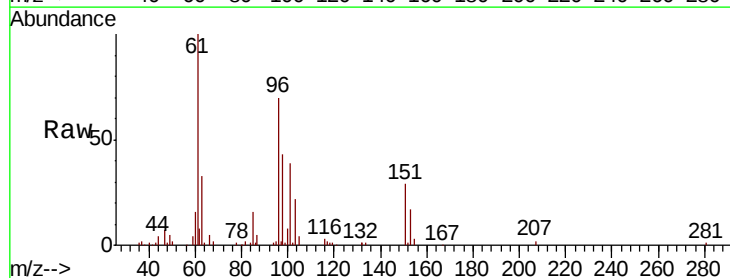
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

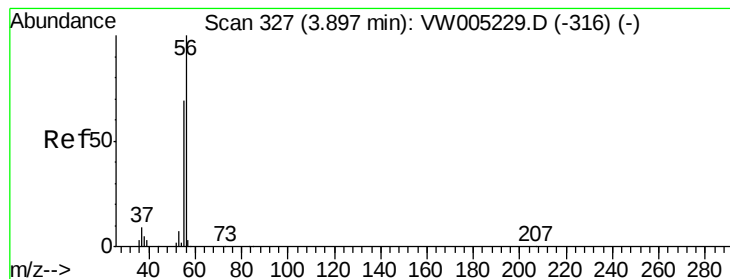
Tgt Ion: 59 Resp: 15922
Ion Ratio Lower Upper
59 100
57 6.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 9.785 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion: 96 Resp: 35748
Ion Ratio Lower Upper
96 100
61 142.0 120.3 180.5
98 60.5 51.9 77.9





#13

Acrolein

Concen: 55.180 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

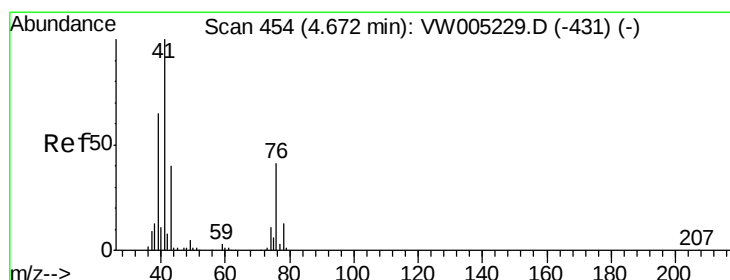
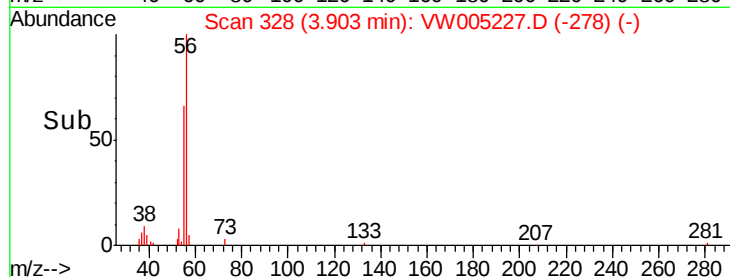
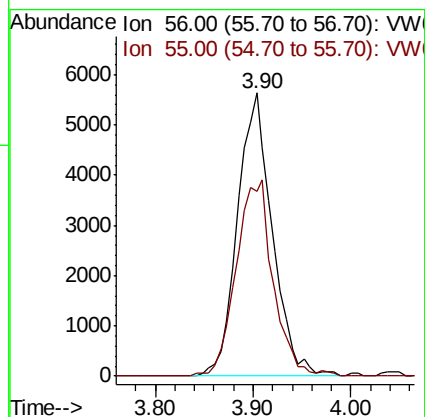
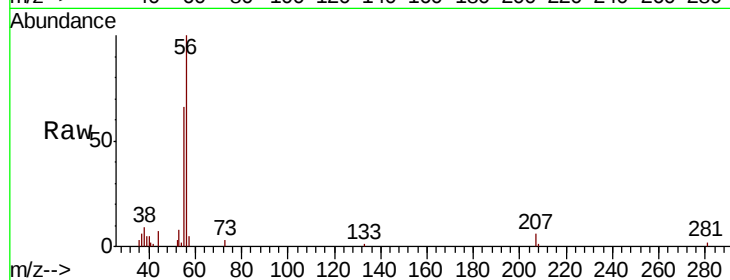
VSTDIC010

Tgt Ion: 56 Resp: 13912

Ion Ratio Lower Upper

56 100

55 72.8 55.7 83.5



#14

Allyl chloride

Concen: 9.595 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

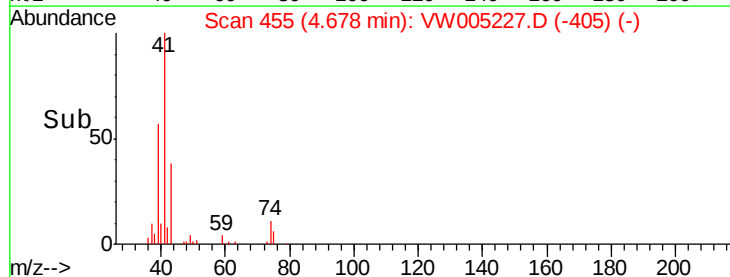
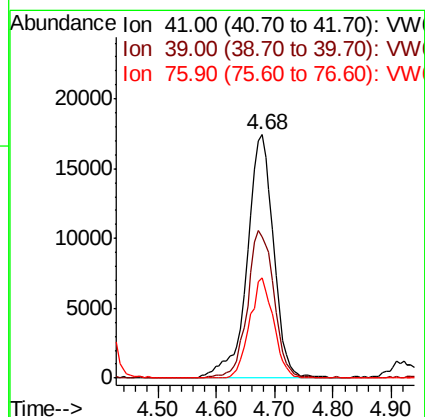
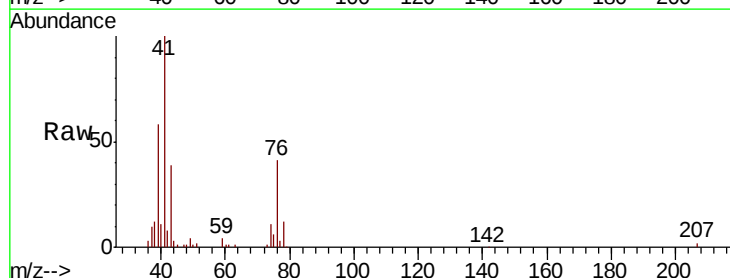
Tgt Ion: 41 Resp: 54723

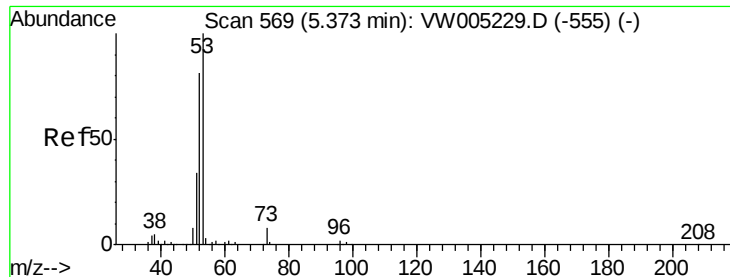
Ion Ratio Lower Upper

41 100

39 60.7 49.1 73.7

76 37.3 31.0 46.6





#15

Acrylonitrile

Concen: 53.441 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

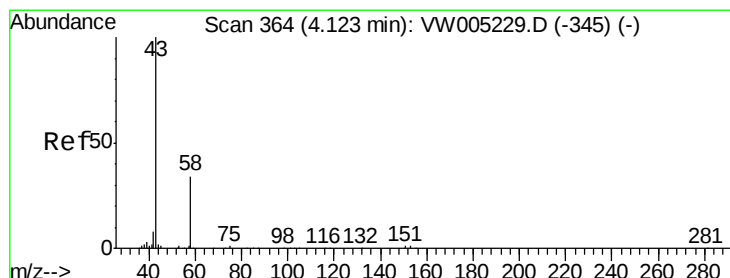
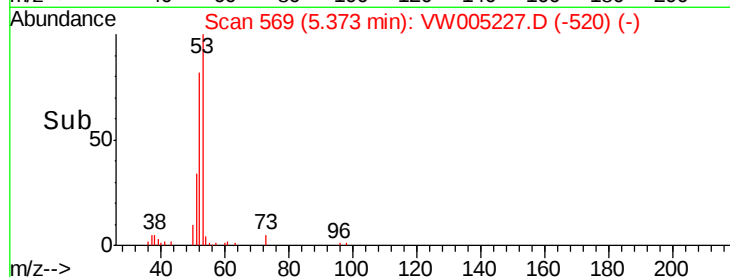
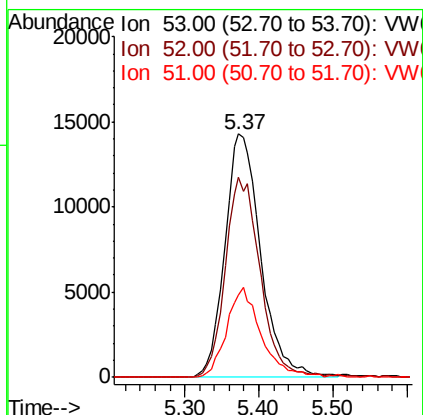
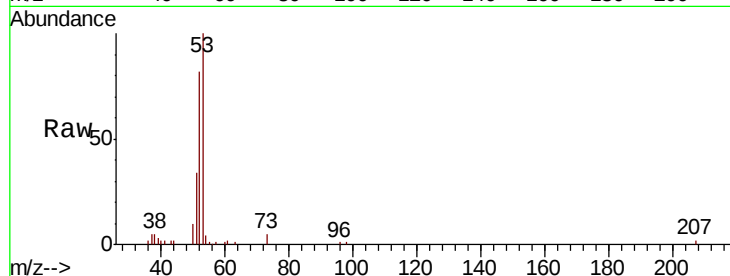
Tgt Ion: 53 Resp: 48099

Ion Ratio Lower Upper

53 100

52 80.0 64.9 97.3

51 35.5 28.2 42.2



#16

Acetone

Concen: 45.143 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW005227.D

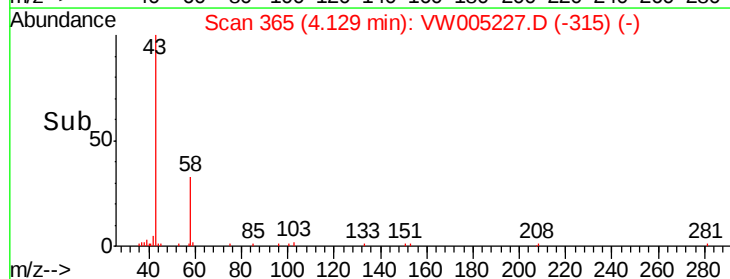
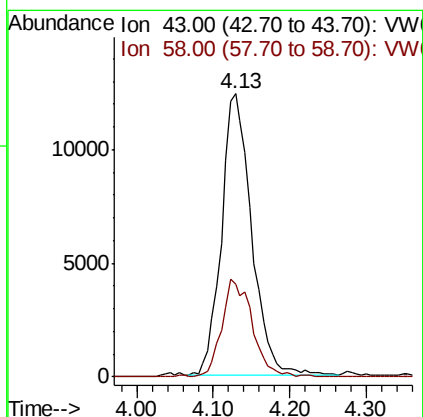
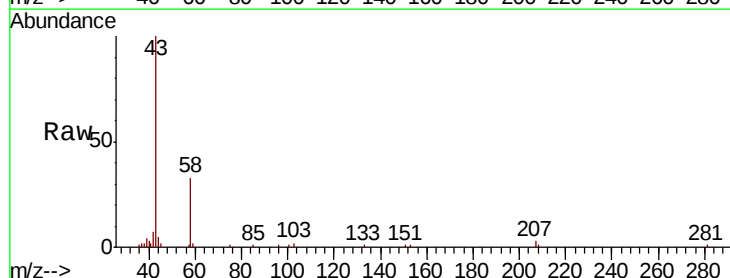
Acq: 08 Sep 2018 00:12

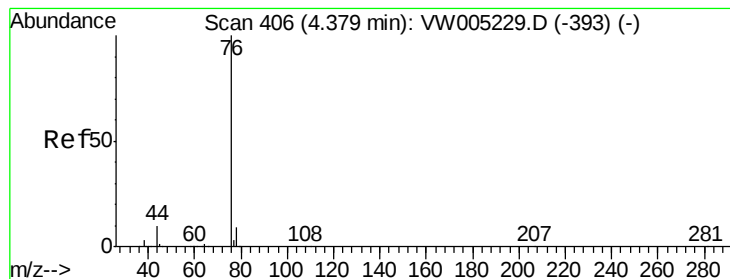
Tgt Ion: 43 Resp: 33664

Ion Ratio Lower Upper

43 100

58 32.8 27.0 40.4





#17

Carbon Disulfide

Concen: 9.487 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

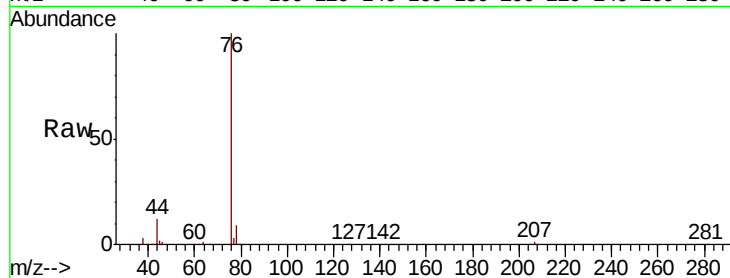
VSTDIC010

Tgt Ion: 76 Resp: 121273

Ion Ratio Lower Upper

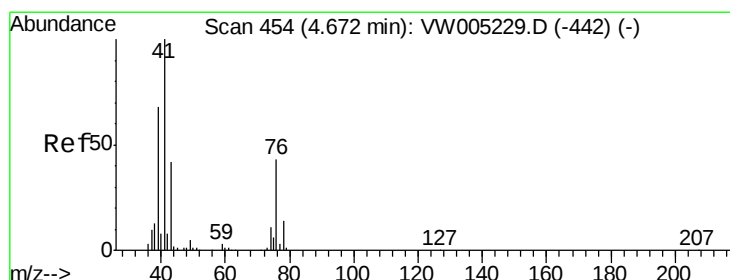
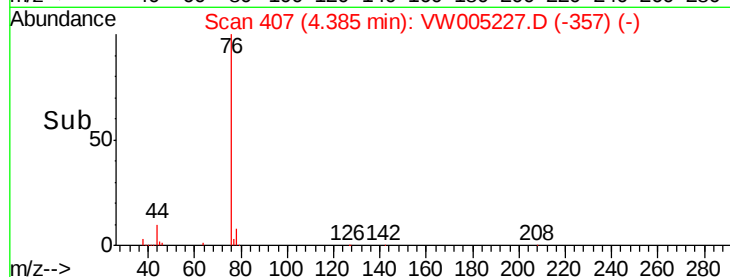
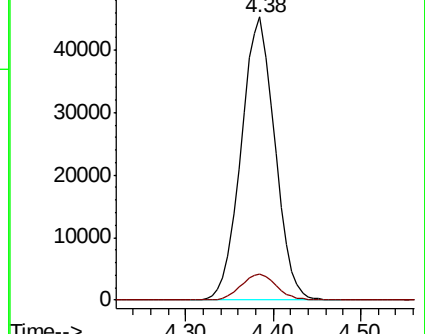
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.667 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005227.D

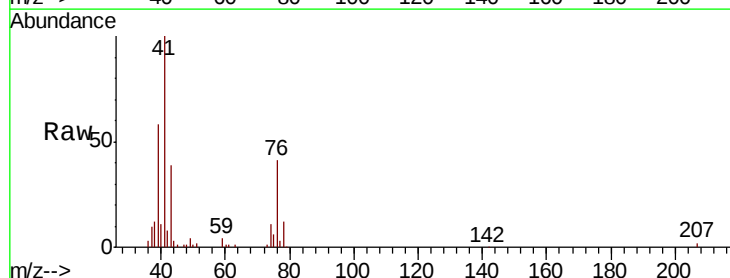
Acq: 08 Sep 2018 00:12

Tgt Ion: 43 Resp: 21486

Ion Ratio Lower Upper

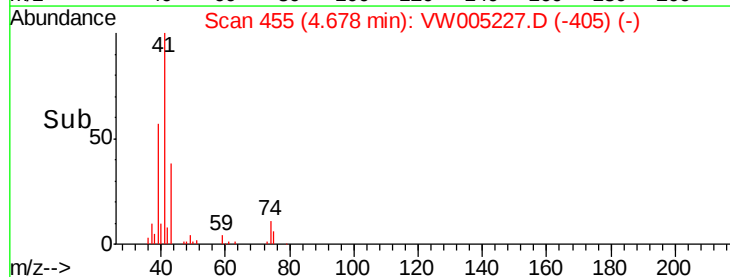
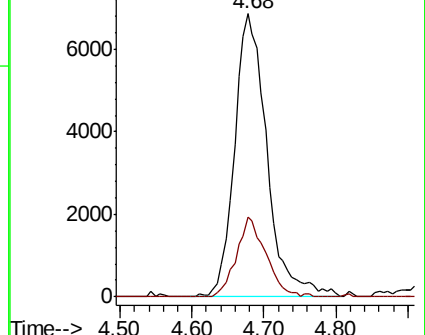
43 100

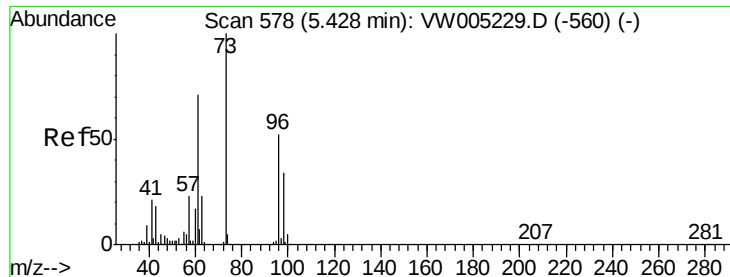
74 25.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 9.952 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

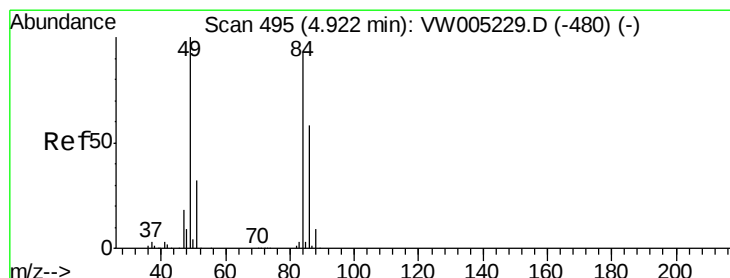
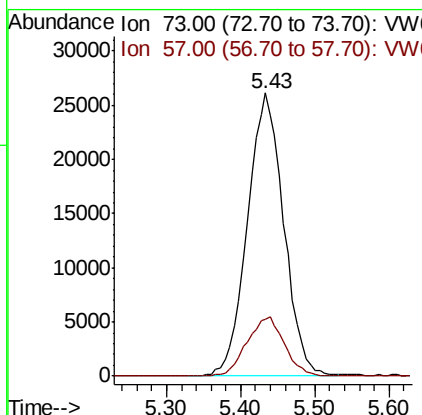
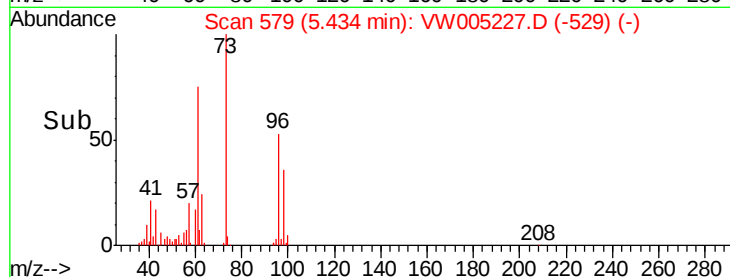
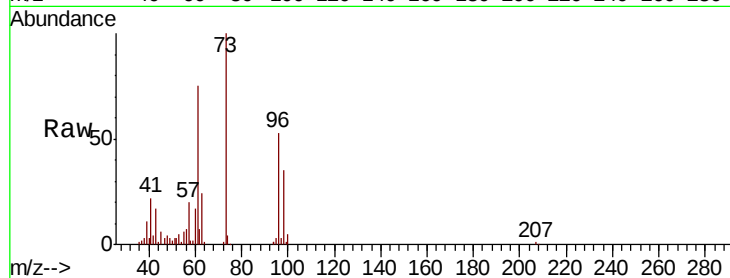
VSTDIC010

Tgt Ion: 73 Resp: 89040

Ion Ratio Lower Upper

73 100

57 20.3 18.2 27.2



#20

Methylene Chloride

Concen: 13.181 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion: 84 Resp: 82205

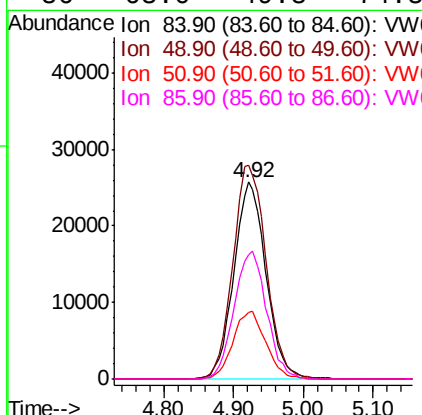
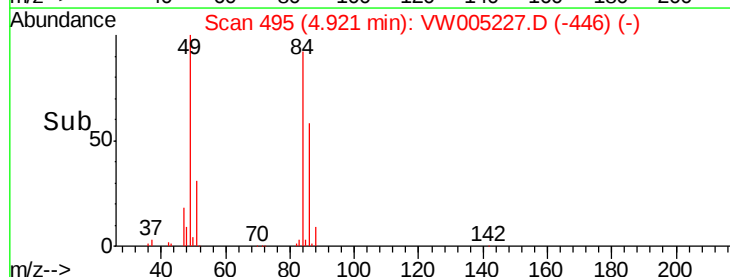
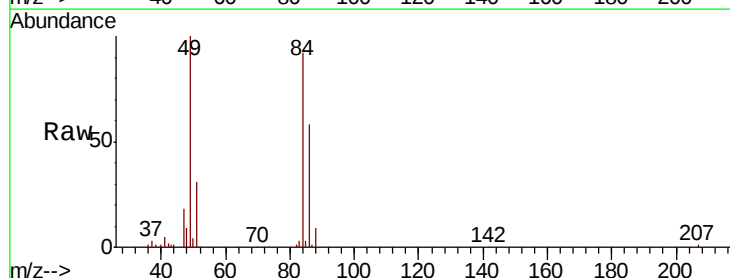
Ion Ratio Lower Upper

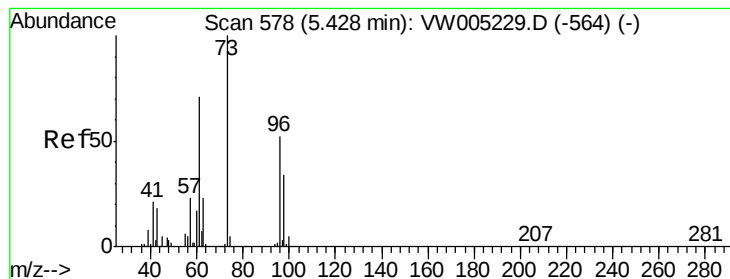
84 100

49 108.4 85.8 128.6

51 33.6 27.7 41.5

86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 9.527 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

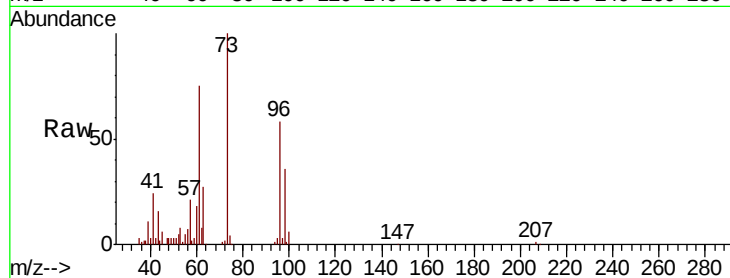
Tgt Ion: 96 Resp: 42372

Ion Ratio Lower Upper

96 100

61 130.3 108.2 162.4

98 63.0 51.9 77.9

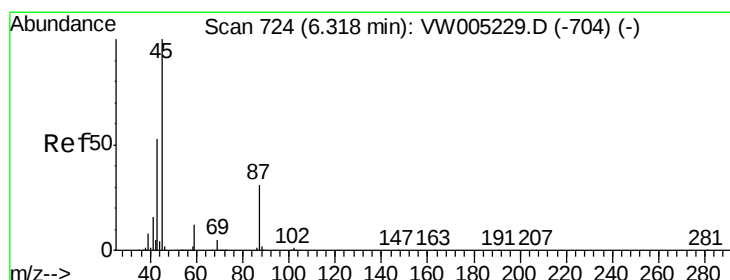
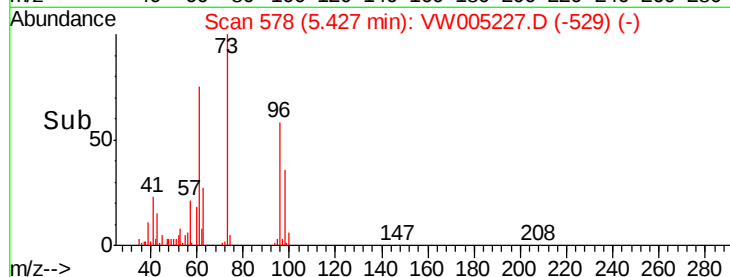
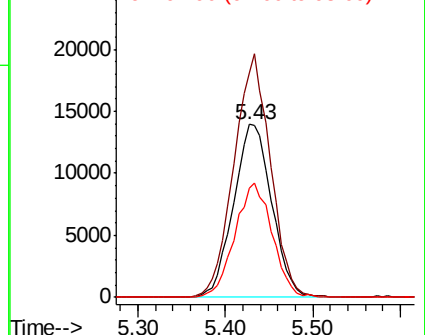


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 9.873 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion: 45 Resp: 118703

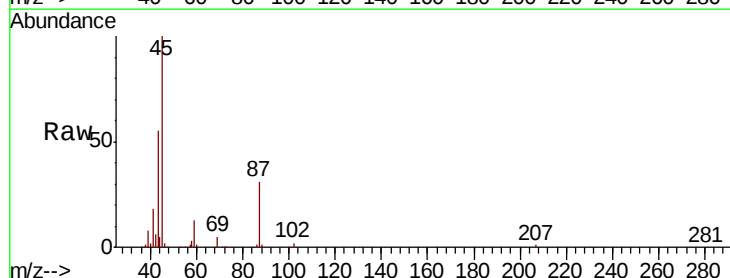
Ion Ratio Lower Upper

45 100

43 53.9 42.5 63.7

87 31.2 24.7 37.1

59 12.6 9.8 14.6



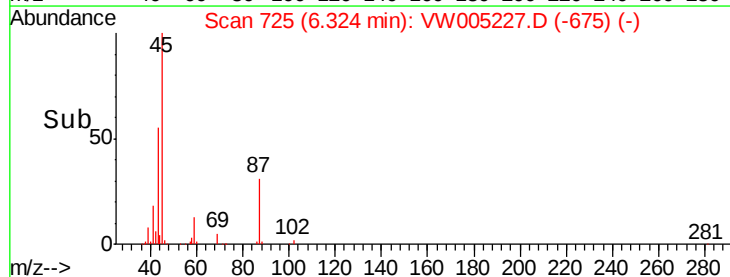
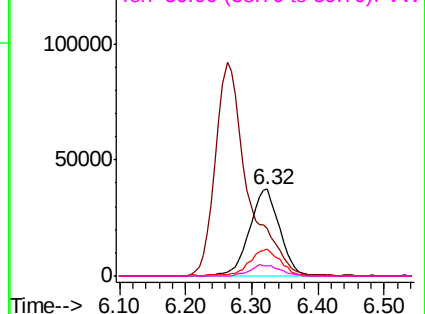
Abundance

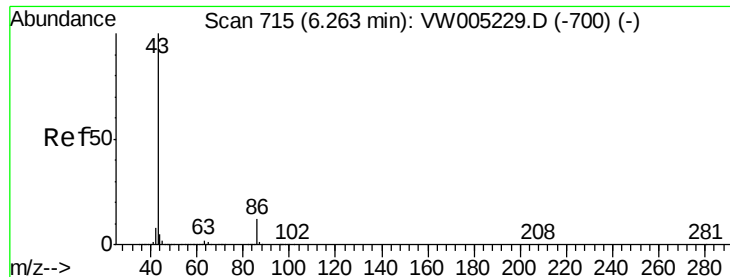
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 49.108 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

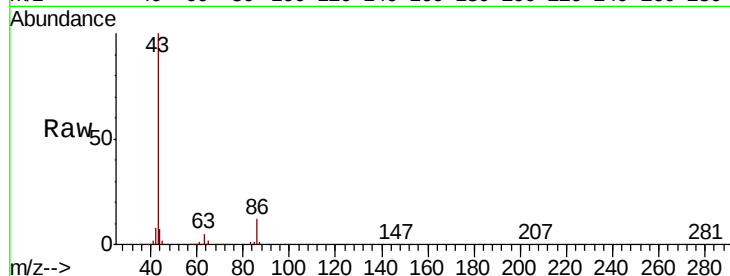
VSTDIC010

Tgt Ion: 43 Resp: 311932

Ion Ratio Lower Upper

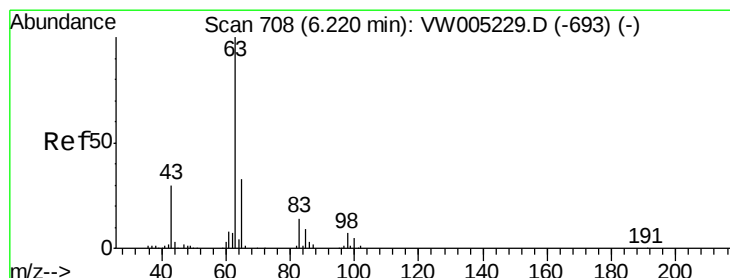
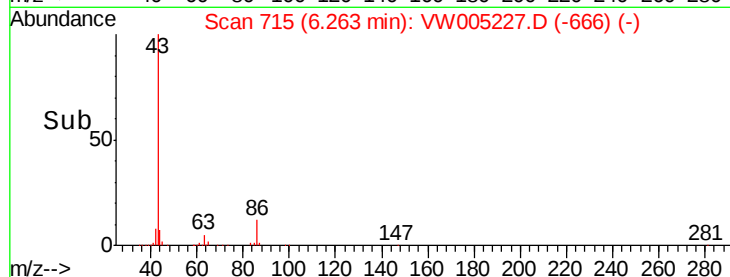
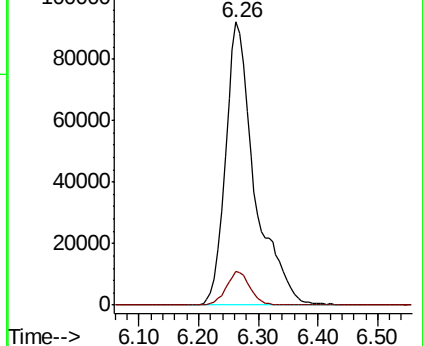
43 100

86 12.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 9.704 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

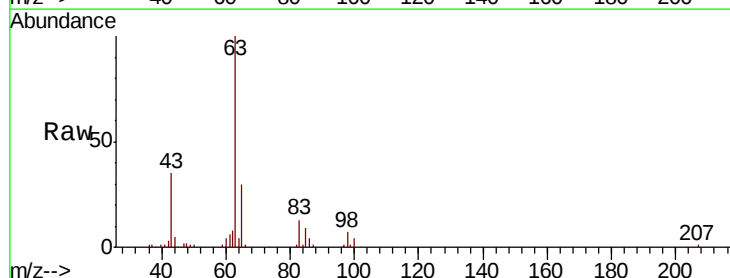
Tgt Ion: 63 Resp: 72675

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

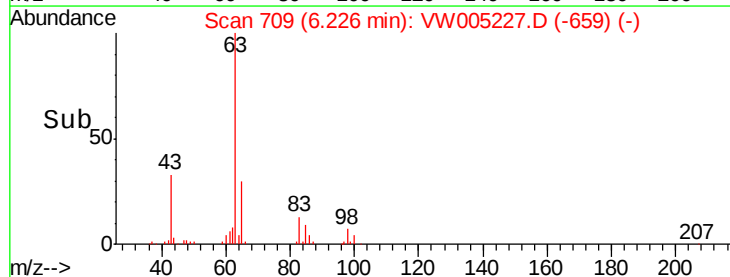
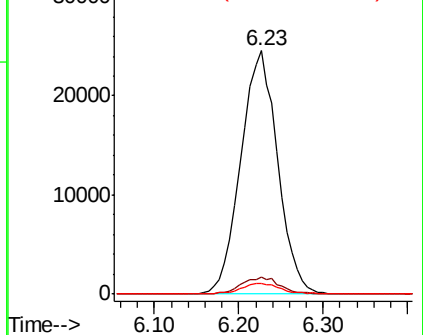
100 4.3 2.3 6.8

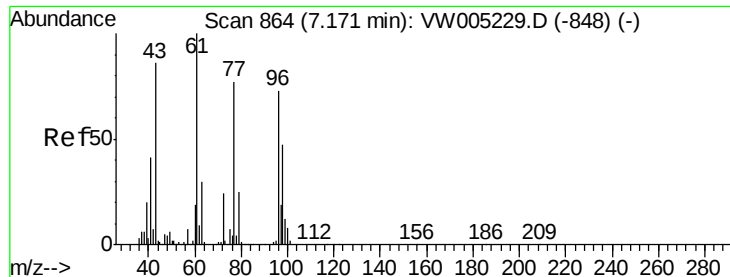


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 42.151 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

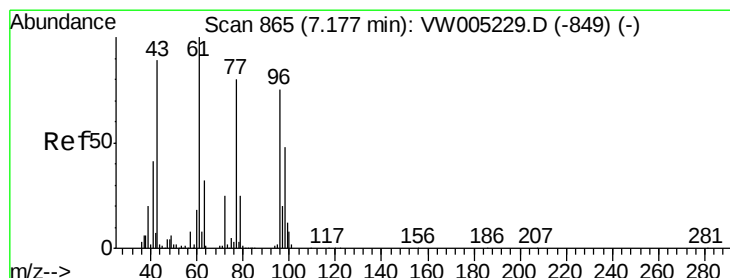
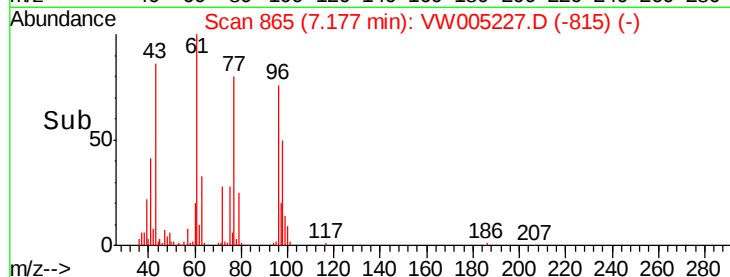
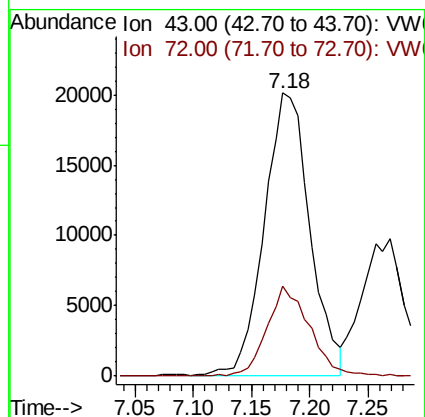
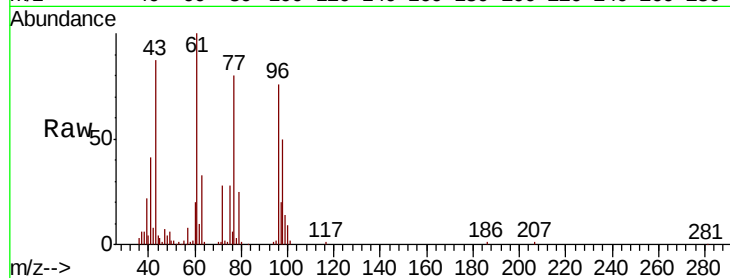
VSTDIC010

Tgt Ion: 43 Resp: 54019

Ion Ratio Lower Upper

43 100

72 31.9 22.6 33.8



#26

2,2-Dichloropropane

Concen: 9.494 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005227.D

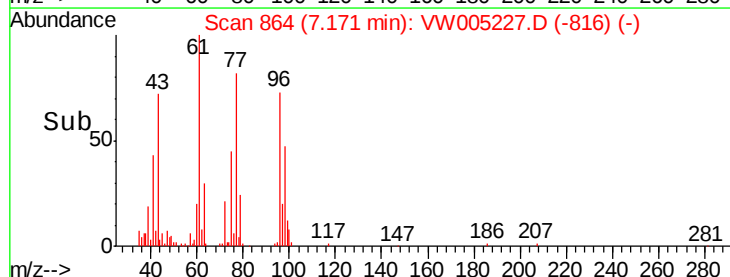
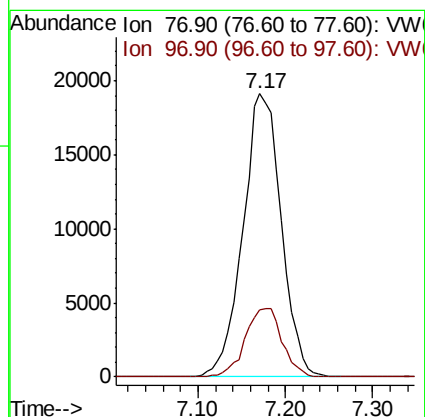
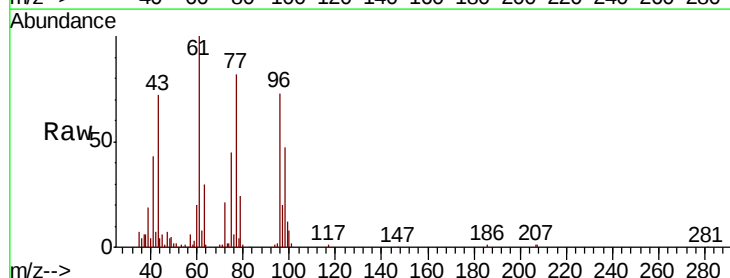
Acq: 08 Sep 2018 00:12

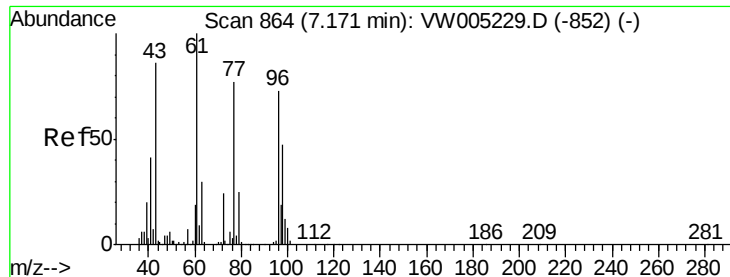
Tgt Ion: 77 Resp: 58023

Ion Ratio Lower Upper

77 100

97 23.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 9.768 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

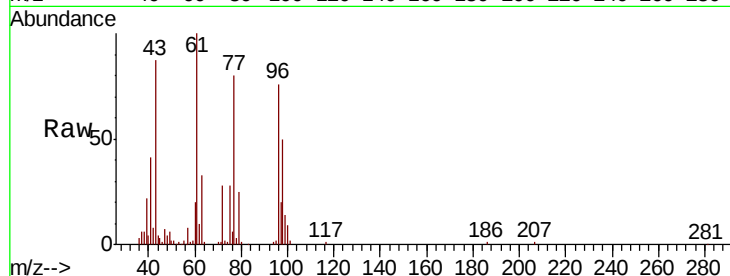
Tgt Ion: 96 Resp: 47432

Ion Ratio Lower Upper

96 100

61 137.4 0.0 274.6

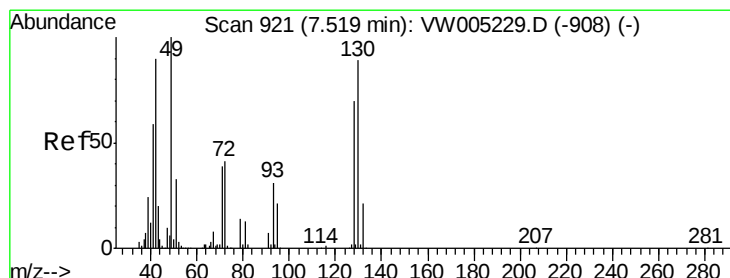
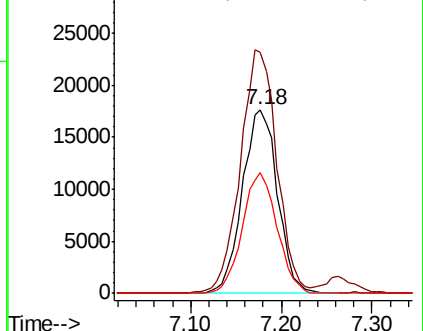
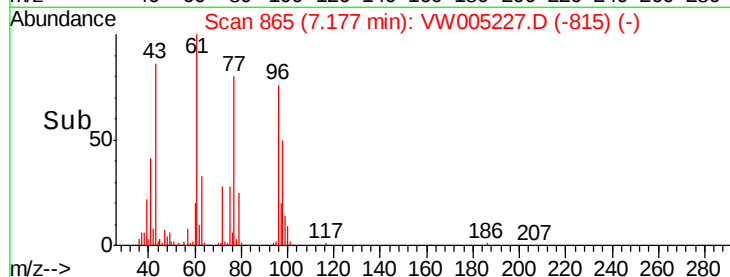
98 64.8 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 9.260 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

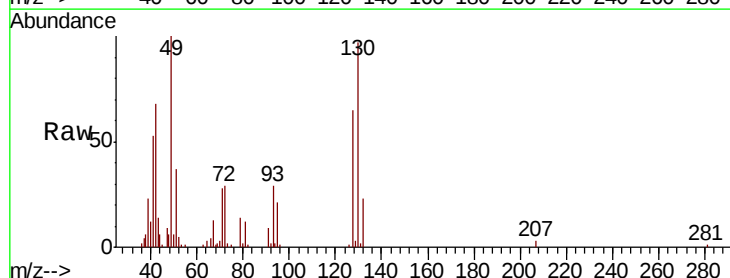
Tgt Ion: 49 Resp: 27860

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

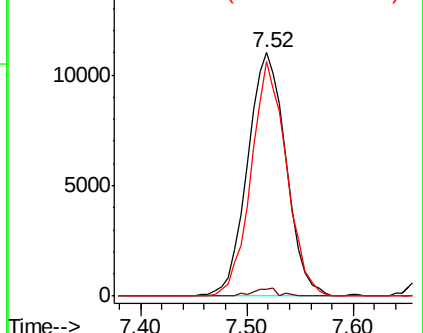
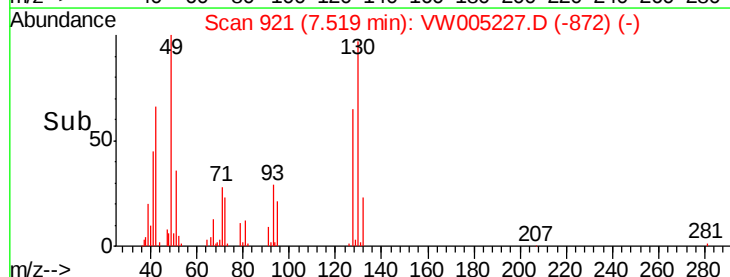
130 88.8 70.0 105.0

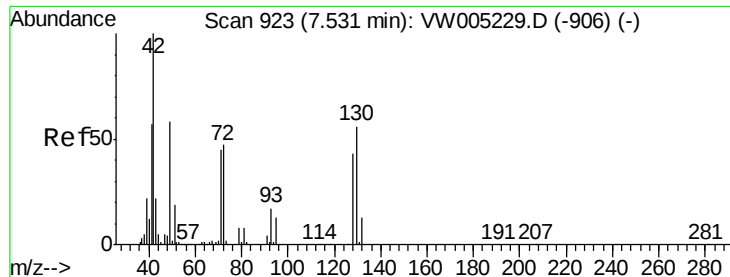


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 54.403 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

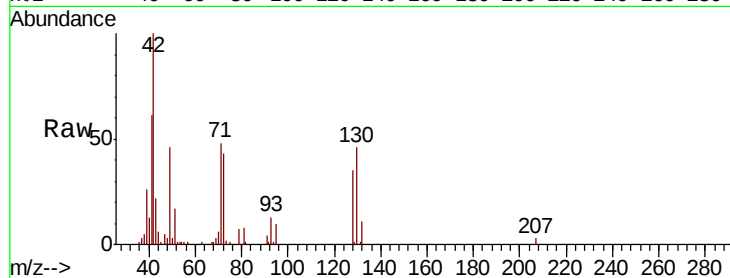
Tgt Ion: 42 Resp: 36947

Ion Ratio Lower Upper

42 100

72 44.3 37.4 56.2

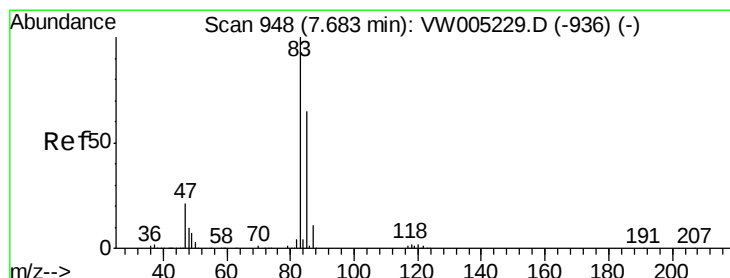
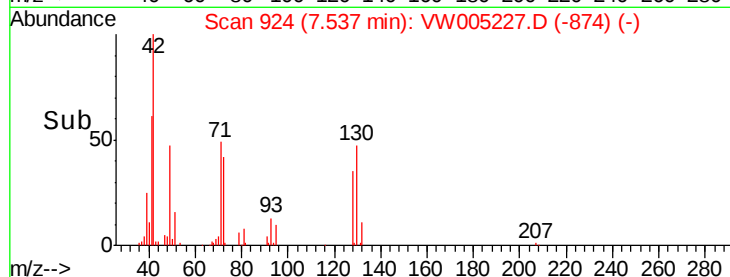
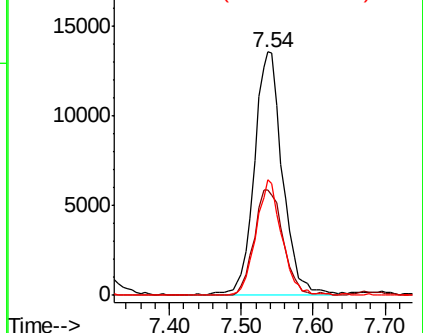
71 43.5 35.5 53.3



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: 9.700 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW005227.D

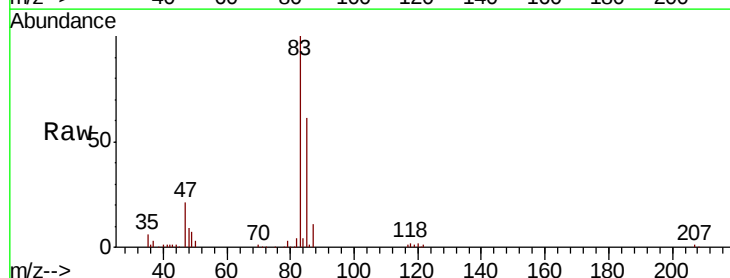
Acq: 08 Sep 2018 00:12

Tgt Ion: 83 Resp: 74129

Ion Ratio Lower Upper

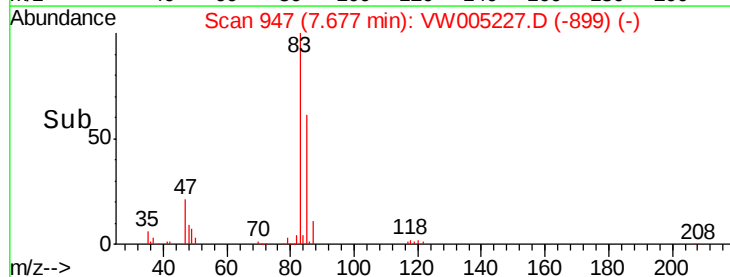
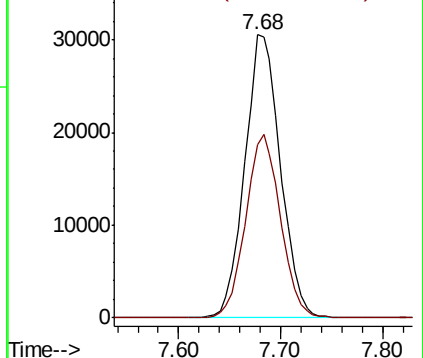
83 100

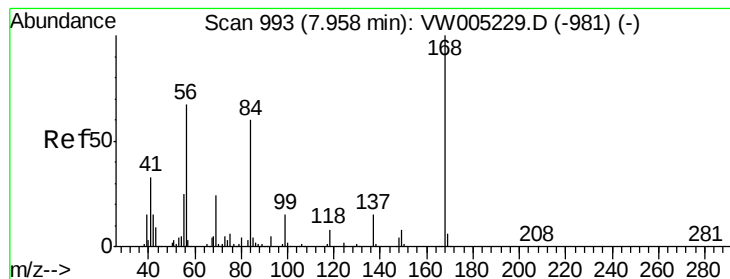
85 61.4 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 9.828 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

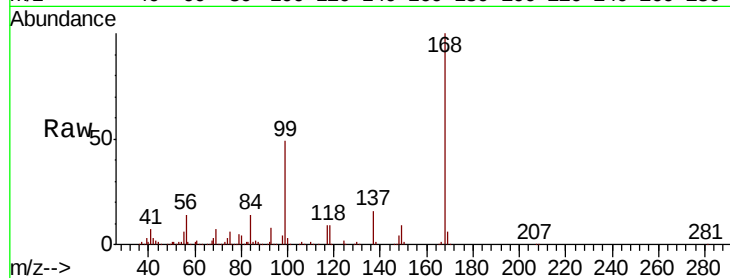
Tgt Ion: 56 Resp: 72750

Ion Ratio Lower Upper

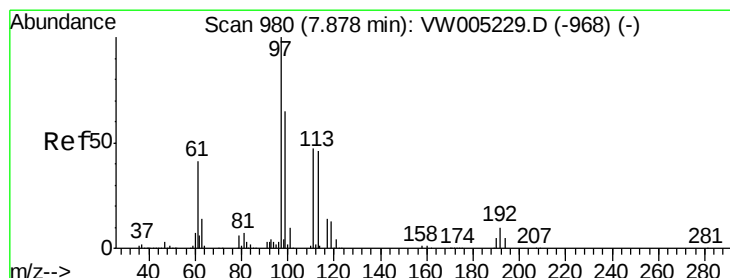
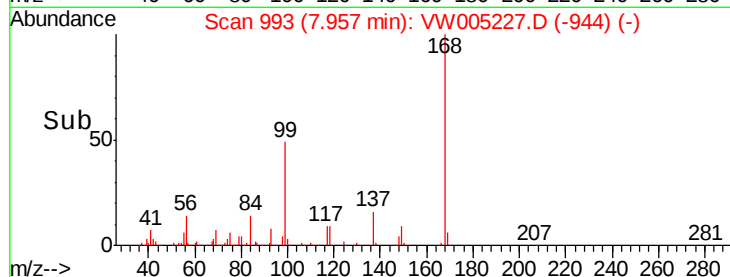
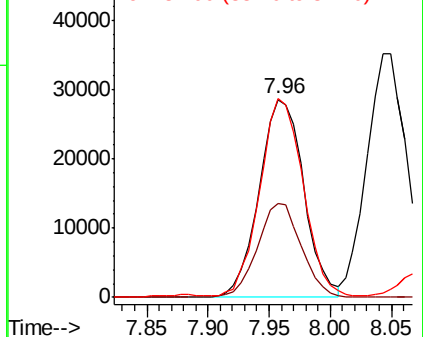
56 100

69 47.1 28.2 42.4#

84 99.3 71.3 106.9



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



#32

1,1,1-Trichloroethane

Concen: 9.758 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

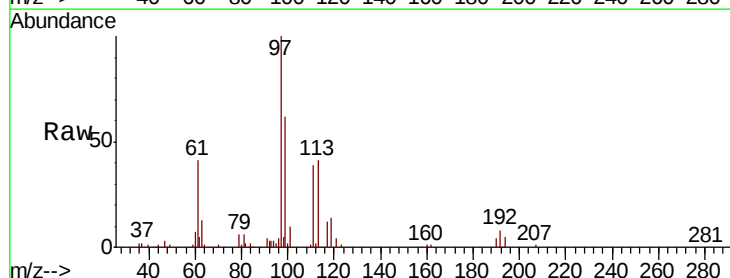
Tgt Ion: 97 Resp: 65004

Ion Ratio Lower Upper

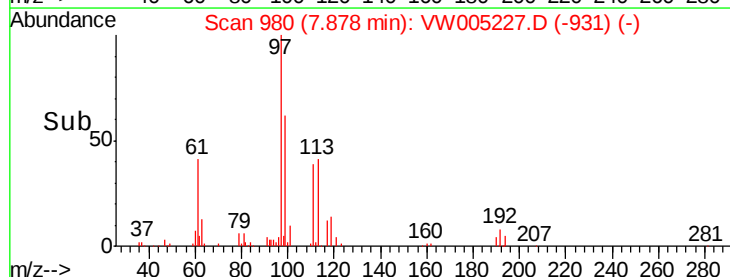
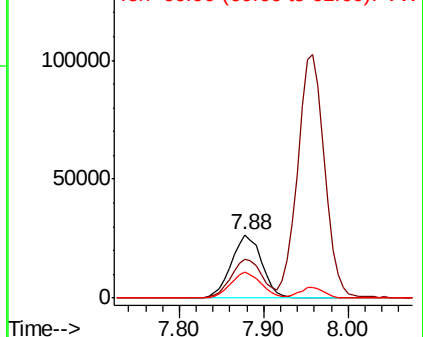
97 100

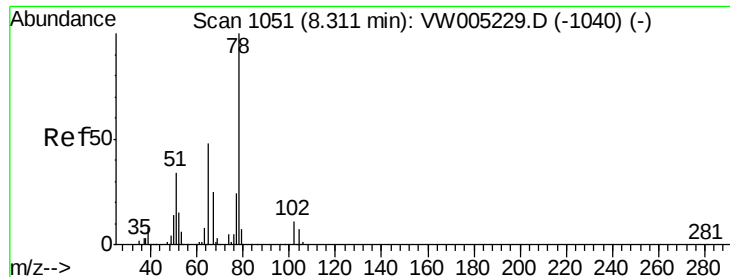
99 63.7 51.8 77.6

61 40.9 33.0 49.4



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





#33

1,2-Dichloroethane-d4

Concen: 10.068 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

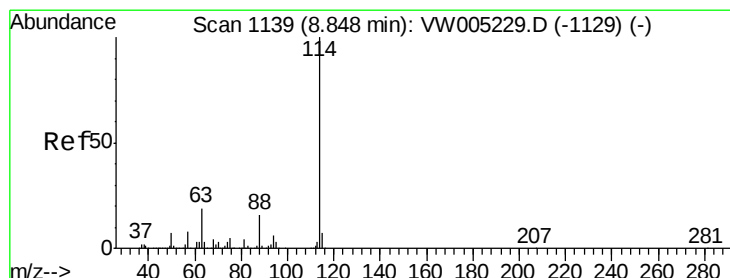
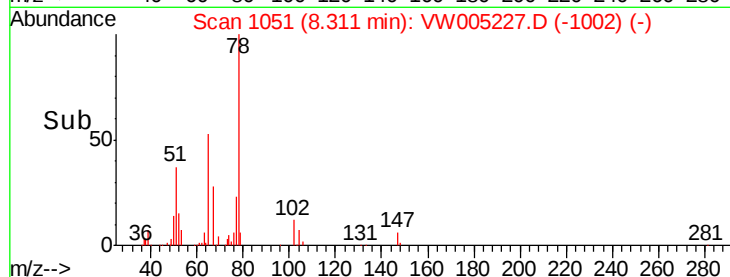
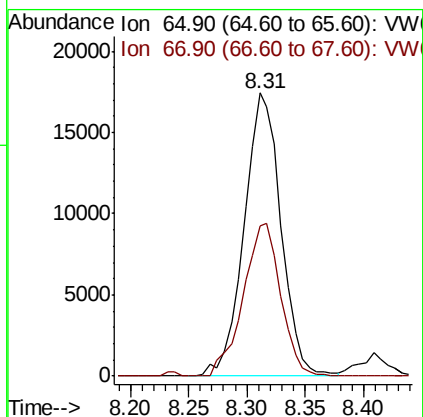
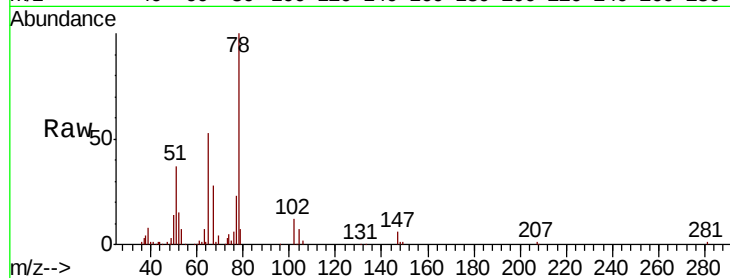
VSTDIC010

Tgt Ion: 65 Resp: 38404

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

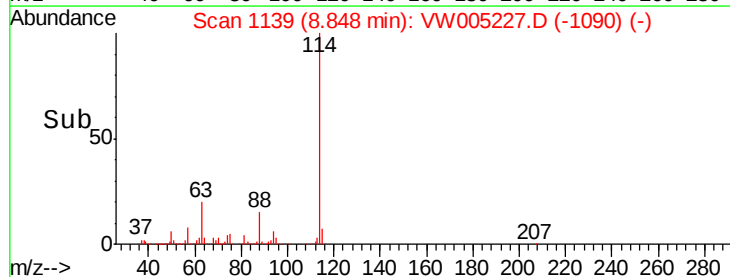
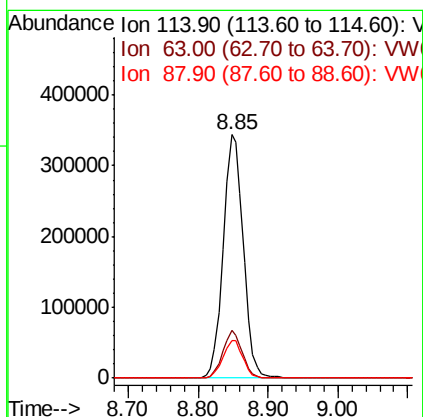
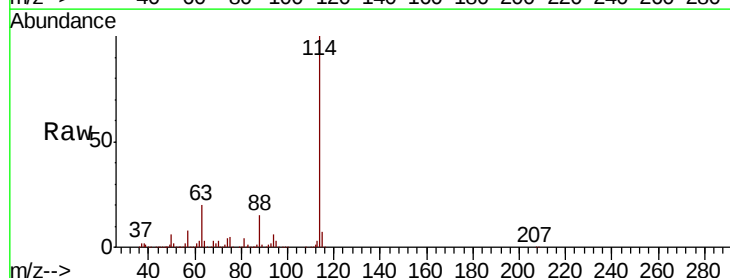
Tgt Ion: 114 Resp: 681912

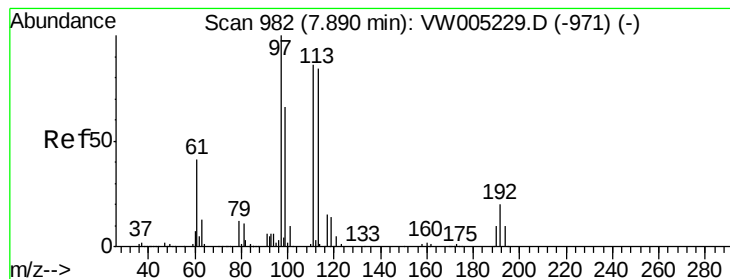
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 9.340 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

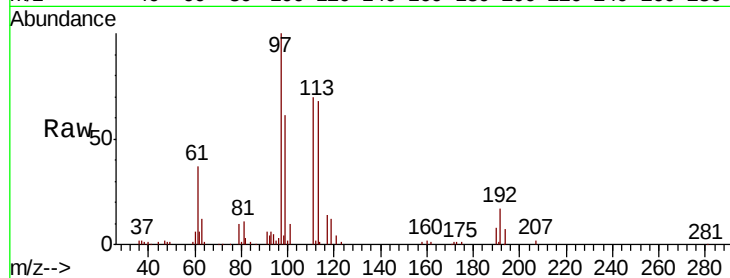
Tgt Ion: 113 Resp: 36576

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

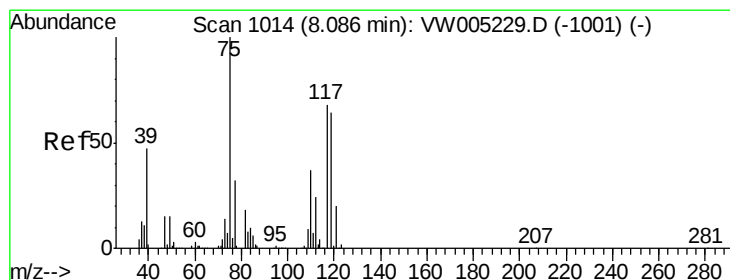
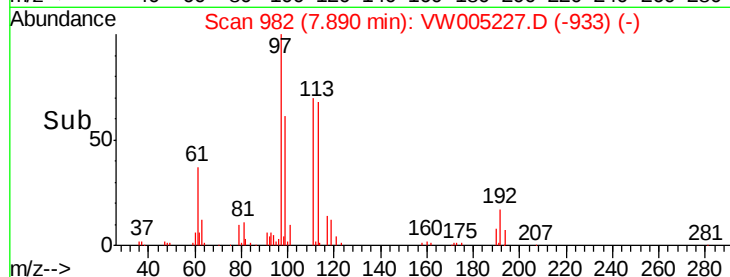
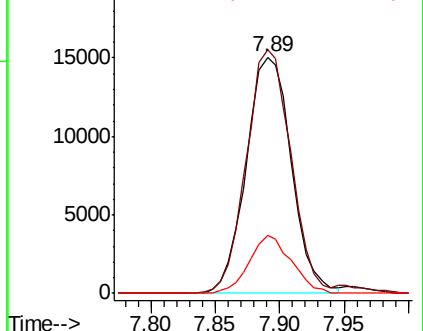
192 22.6 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 9.339 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

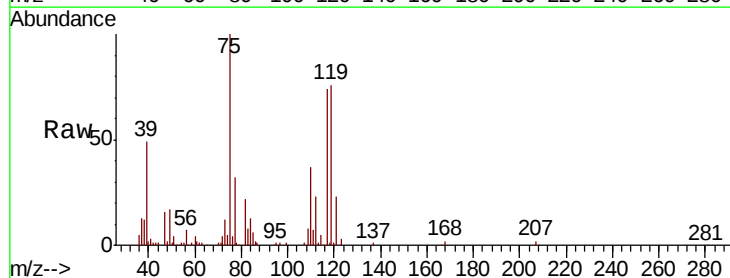
Tgt Ion: 75 Resp: 59510

Ion Ratio Lower Upper

75 100

110 36.9 18.8 56.4

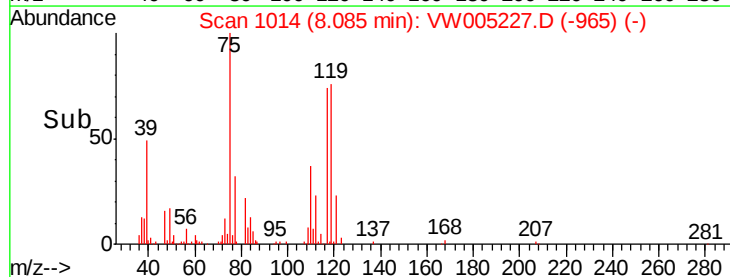
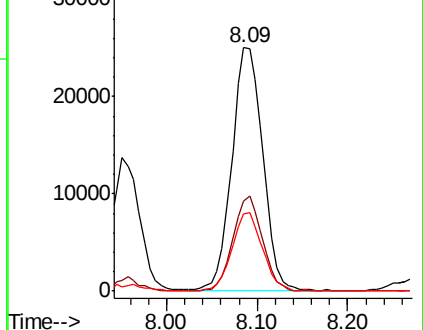
77 31.9 25.2 37.8

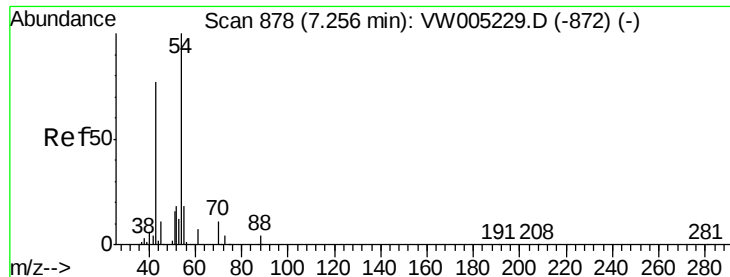


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

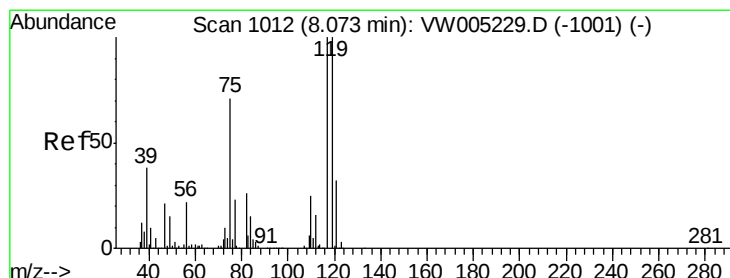
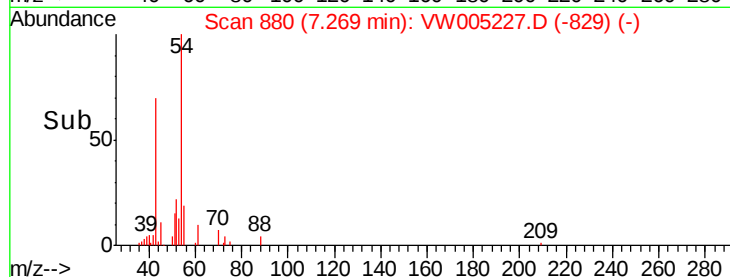
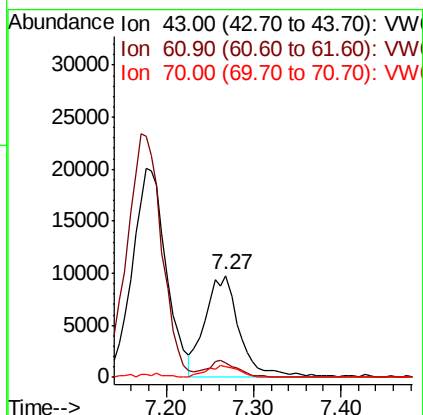
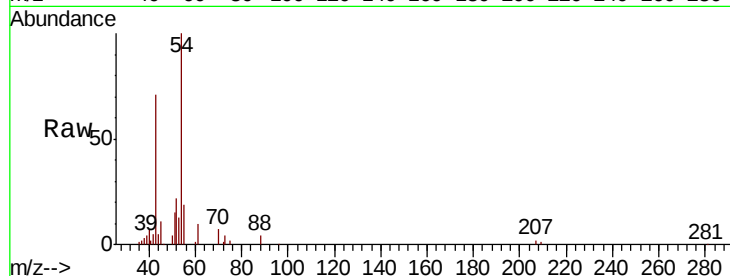




#37
 Ethyl Acetate
 Concen: 10.764 ug/l
 RT: 7.27 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

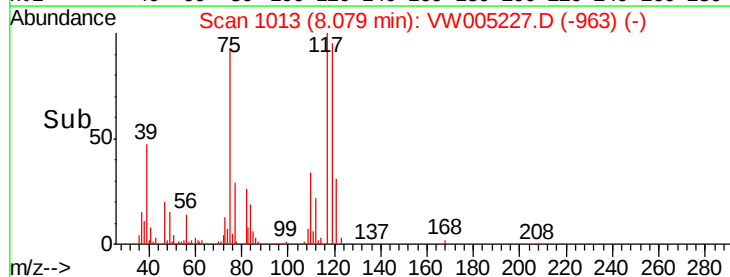
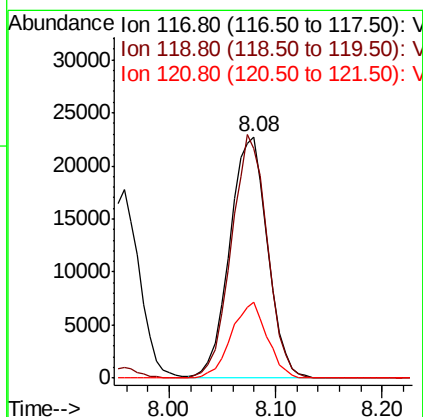
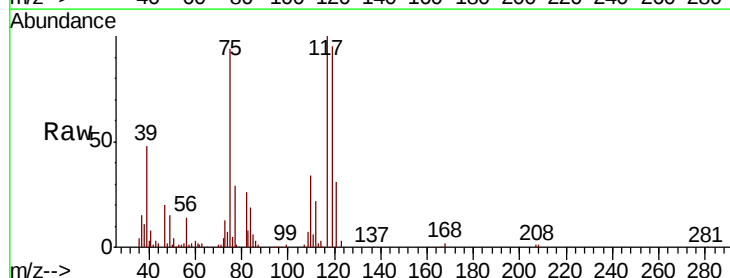
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

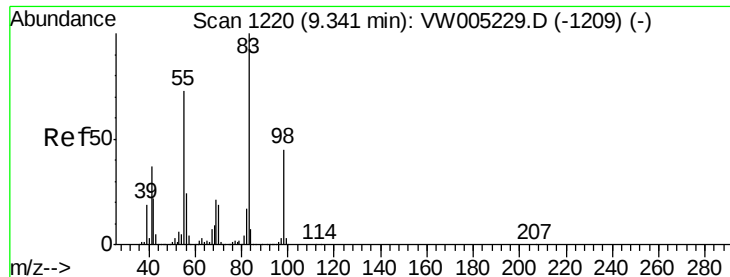
Tgt Ion: 43 Resp: 26055
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.4 17.2
 70 11.1 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 9.413 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion: 117 Resp: 56829
 Ion Ratio Lower Upper
 117 100
 119 95.1 79.7 119.5
 121 31.2 25.4 38.0





#39

Methylcyclohexane

Concen: 9.442 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

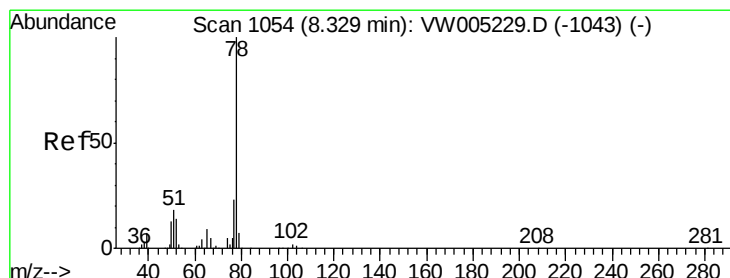
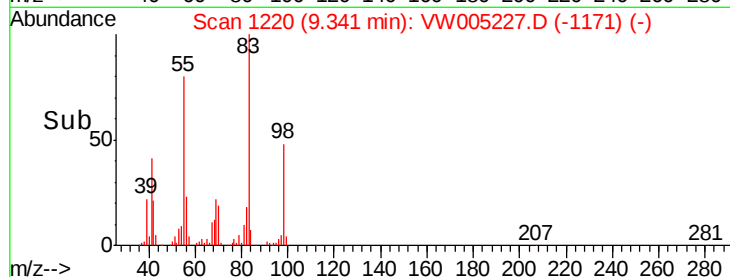
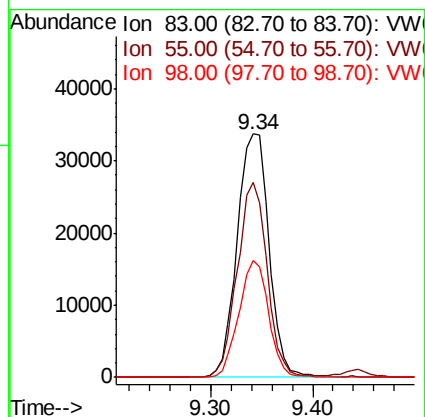
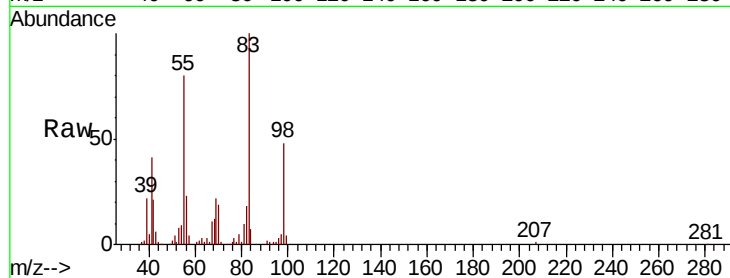
Tgt Ion: 83 Resp: 73113

Ion Ratio Lower Upper

83 100

55 80.1 58.7 88.1

98 47.8 36.1 54.1



#40

Benzene

Concen: 9.728 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005227.D

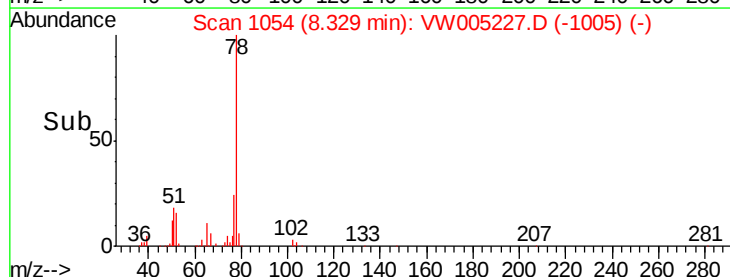
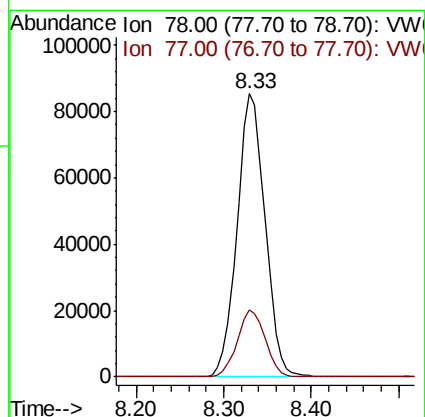
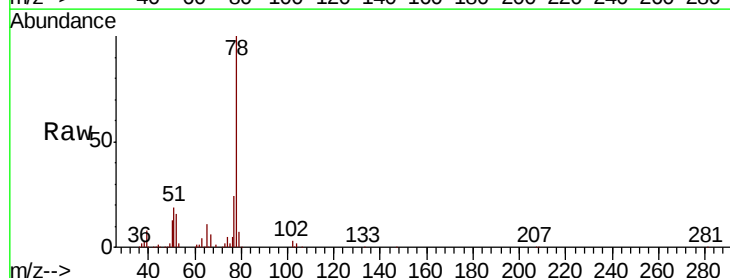
Acq: 08 Sep 2018 00:12

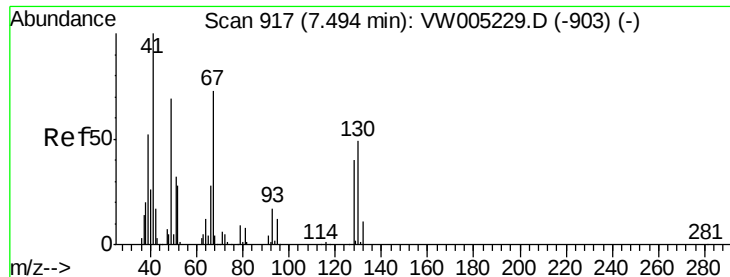
Tgt Ion: 78 Resp: 189959

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

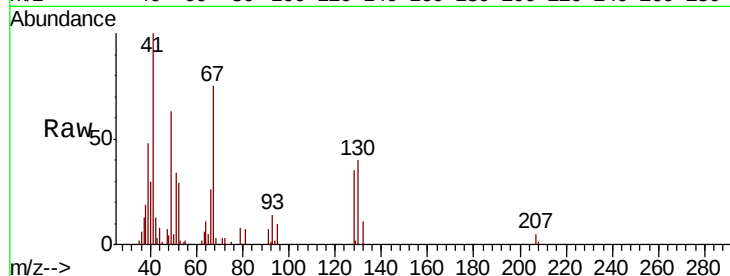




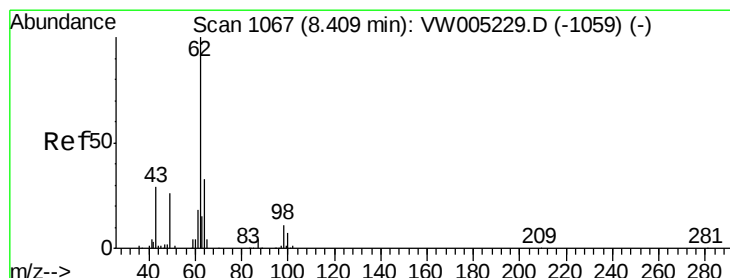
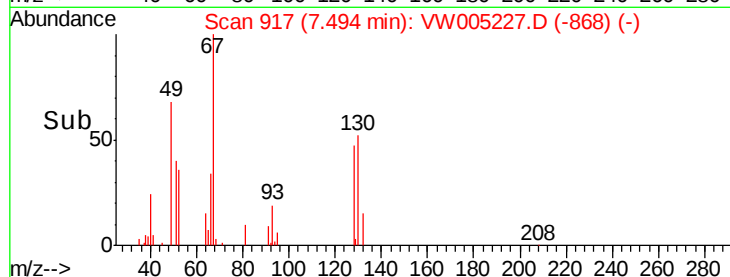
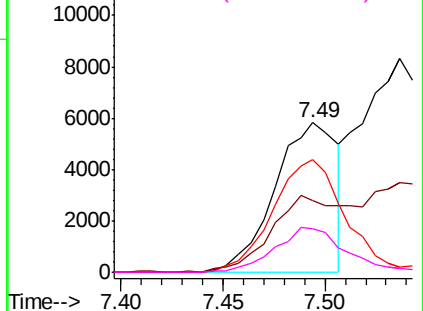
#41
Methacrylonitrile
Concen: 8.981 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	12456
Ion	Ratio	Lower	Upper
41	100		
39	60.1	40.8	61.2
67	86.7	63.6	95.4
52	33.9	24.6	36.8

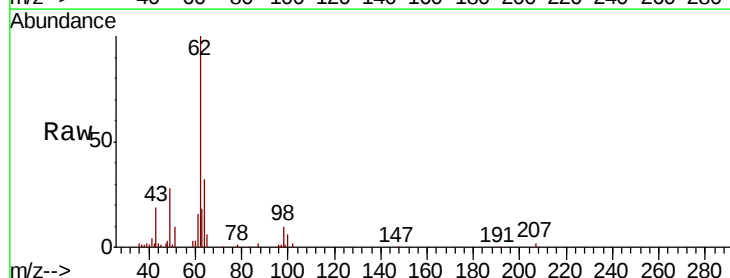


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

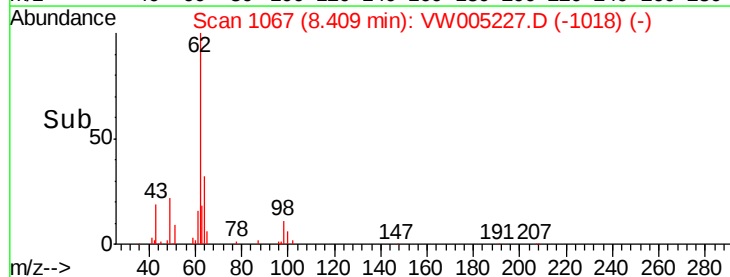
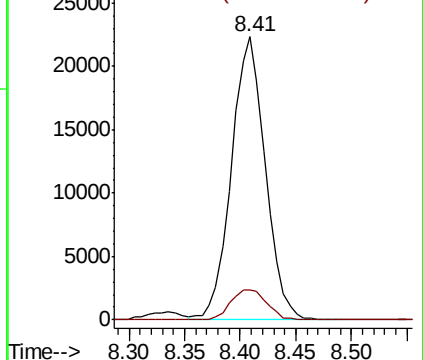


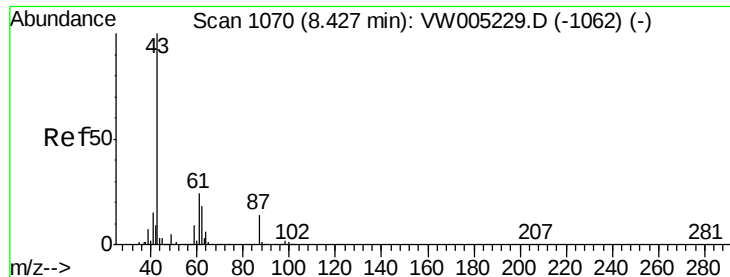
#42
1,2-Dichloroethane
Concen: 9.849 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:	62	Resp:	47007
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 10.489 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

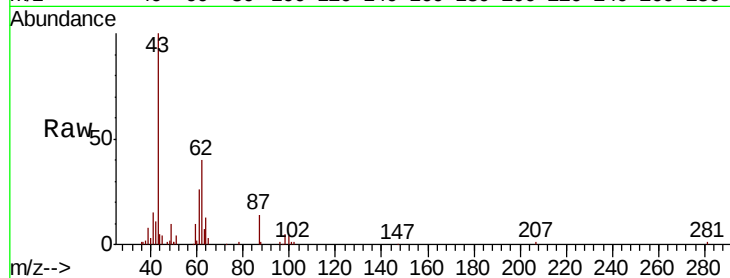
Tgt Ion: 43 Resp: 46357

Ion Ratio Lower Upper

43 100

61 33.9 26.6 39.8

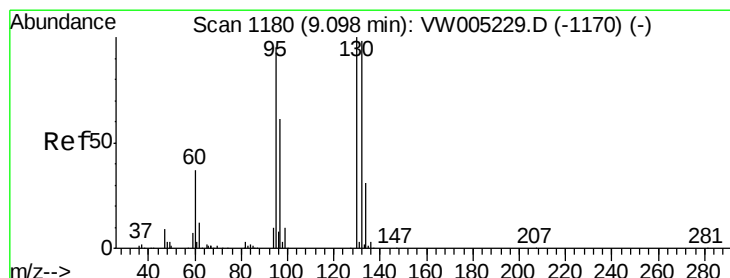
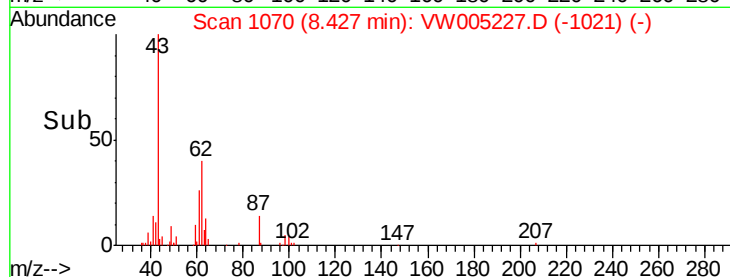
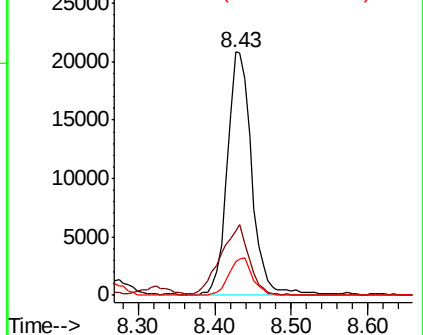
87 14.6 12.2 18.2



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: 9.645 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005227.D

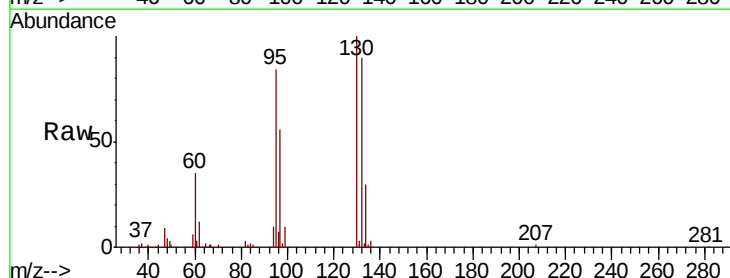
Acq: 08 Sep 2018 00:12

Tgt Ion: 130 Resp: 50719

Ion Ratio Lower Upper

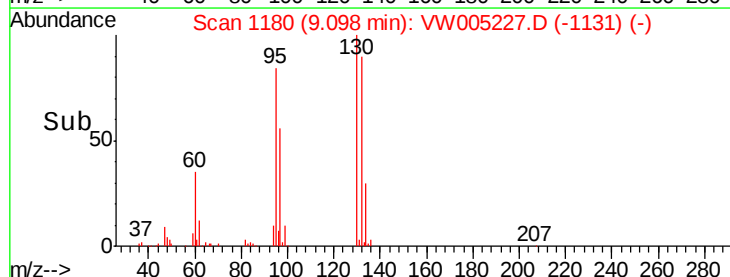
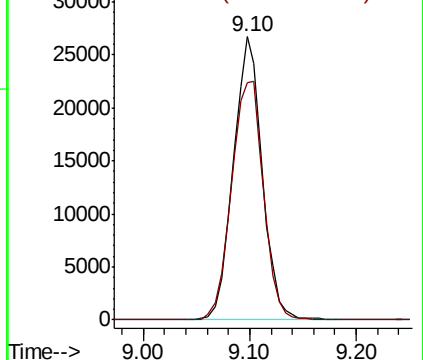
130 100

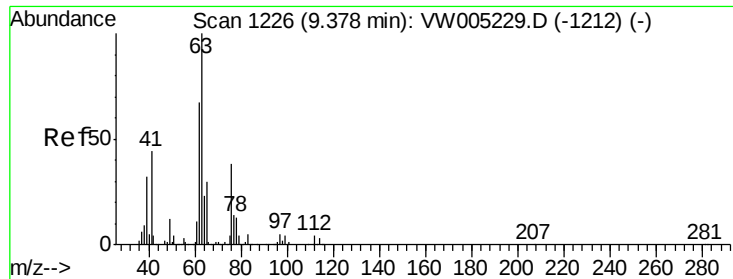
95 84.0 0.0 189.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

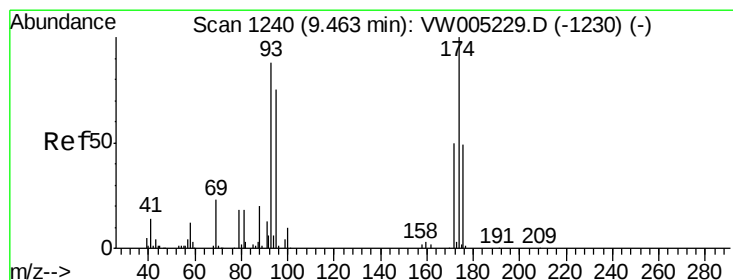
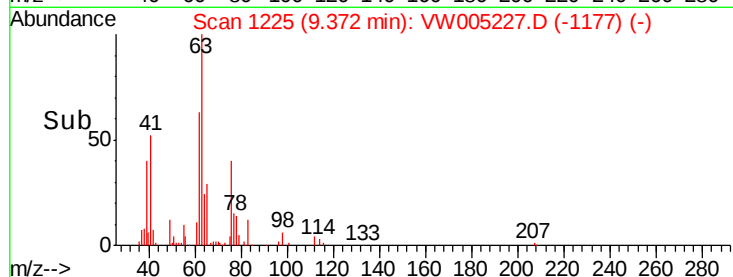
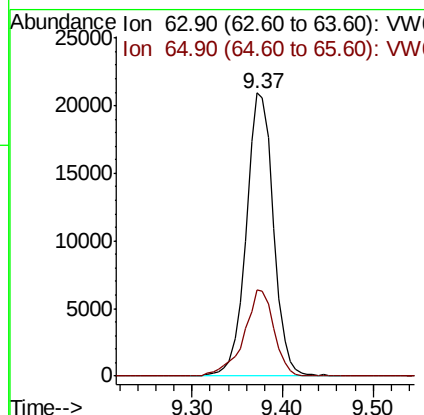
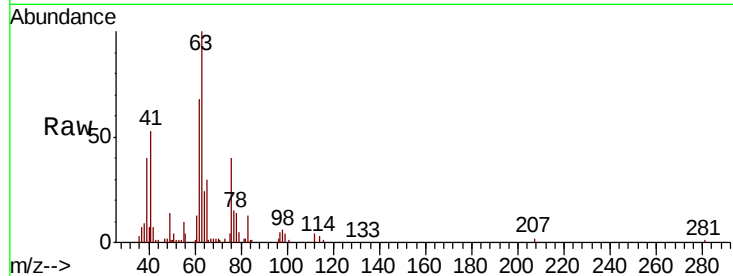




#45
 1,2-Dichloropropane
 Concen: 9.125 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

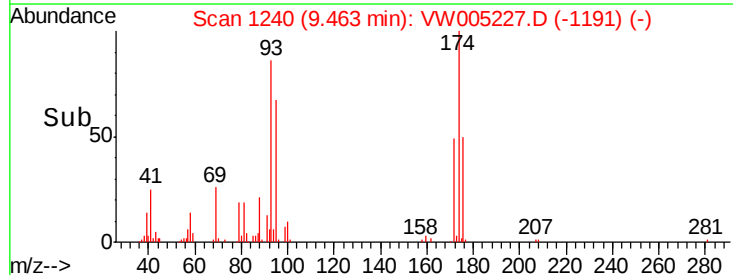
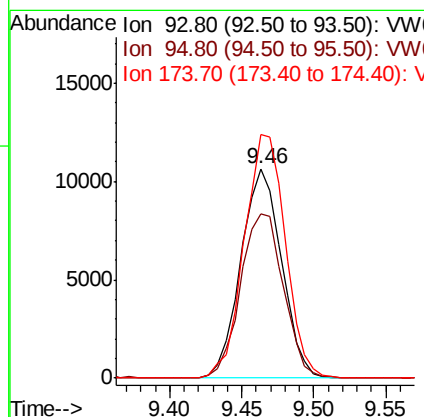
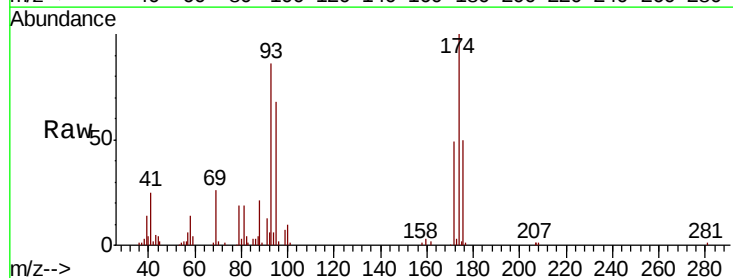
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

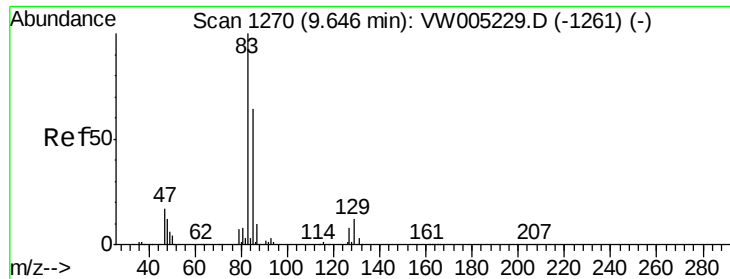
Tgt Ion: 63 Resp: 43400
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.8 35.8



#46
 Dibromomethane
 Concen: 9.156 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion: 93 Resp: 20830
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.4 101.2
 174 117.6 91.9 137.9





#47

Bromodichloromethane

Concen: 9.080 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

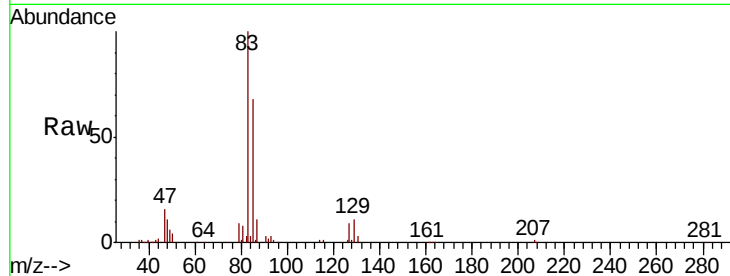
Tgt Ion: 83 Resp: 51922

Ion Ratio Lower Upper

83 100

85 67.9 51.0 76.6

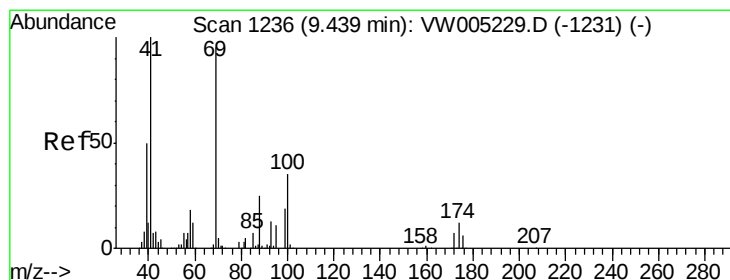
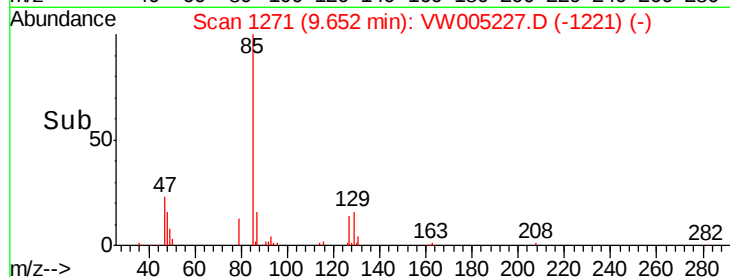
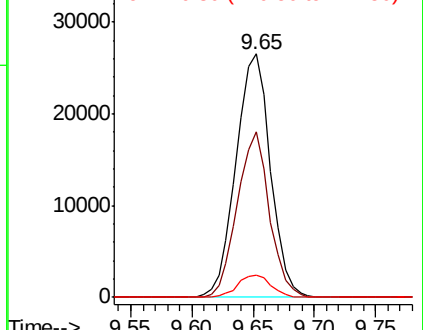
127 9.3 6.7 10.1



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): V



#48

Methyl methacrylate

Concen: 10.177 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

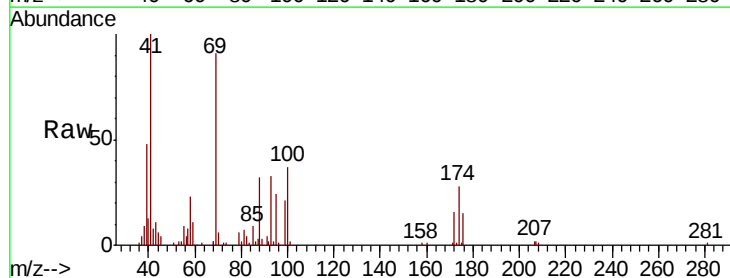
Tgt Ion: 41 Resp: 21998

Ion Ratio Lower Upper

41 100

69 96.4 73.6 110.4

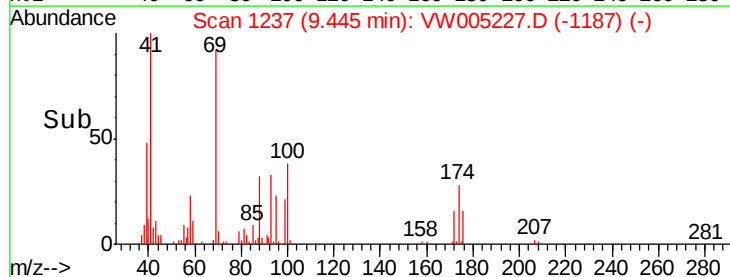
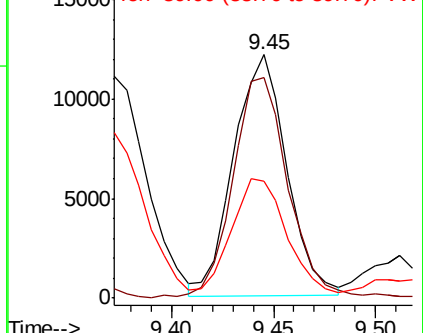
39 53.2 36.9 55.3

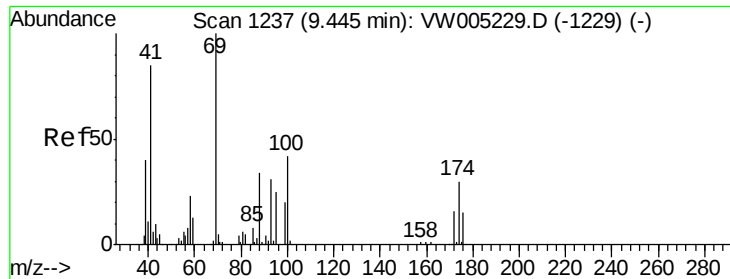


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 216.861 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

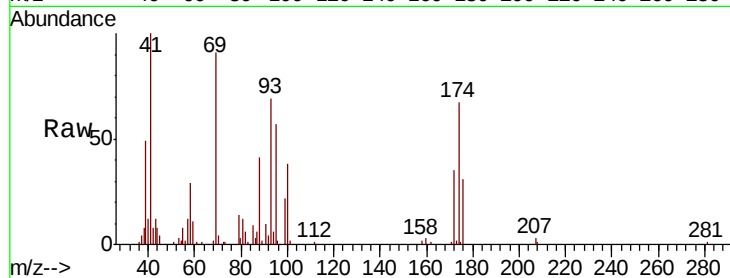
Tgt Ion: 88 Resp: 8106

Ion Ratio Lower Upper

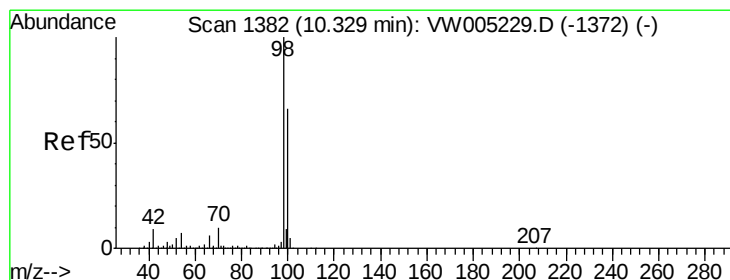
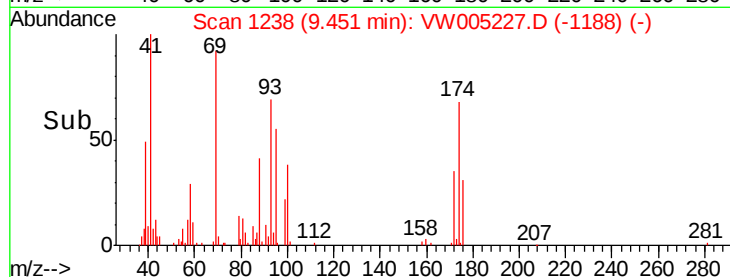
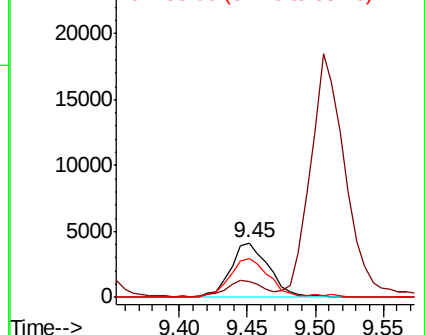
88 100

43 26.5 22.1 33.1

58 72.2 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: 9.928 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005227.D

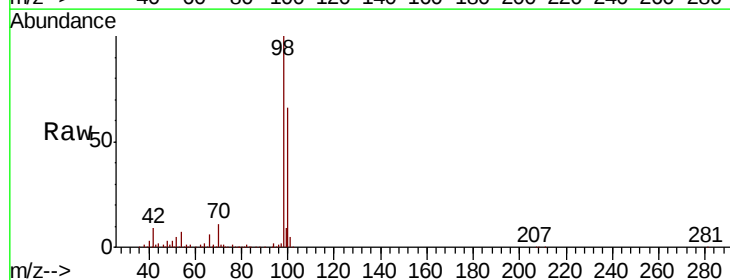
Acq: 08 Sep 2018 00:12

Tgt Ion: 98 Resp: 180440

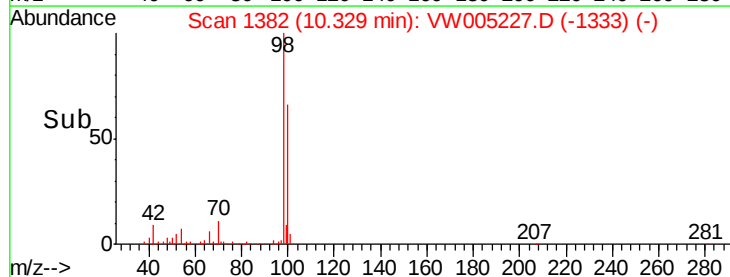
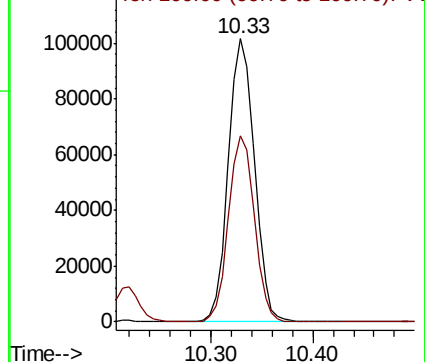
Ion Ratio Lower Upper

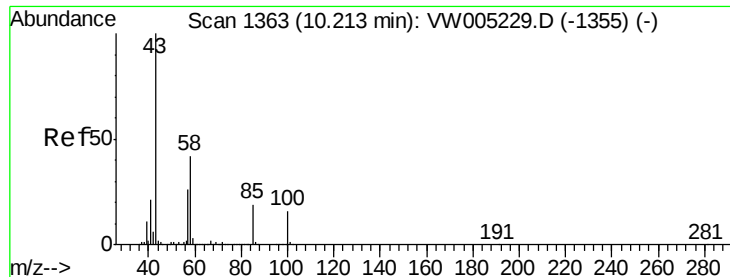
98 100

100 65.5 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: 43.699 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

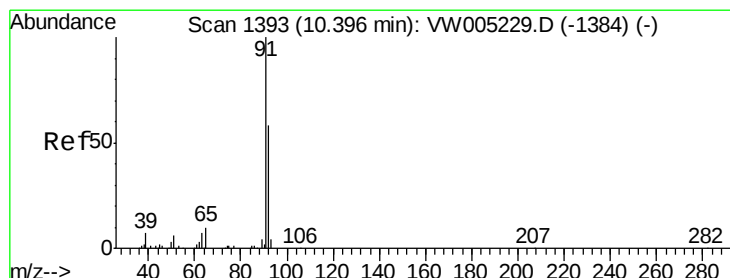
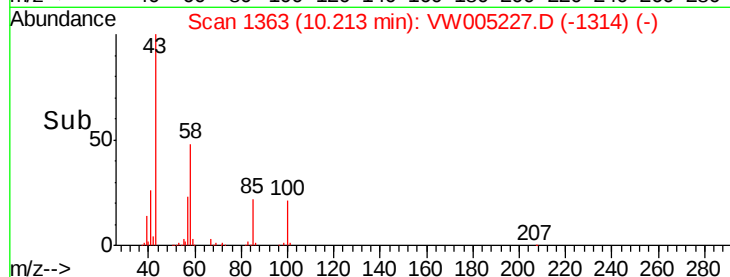
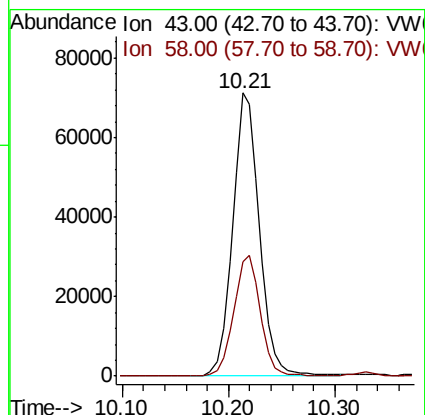
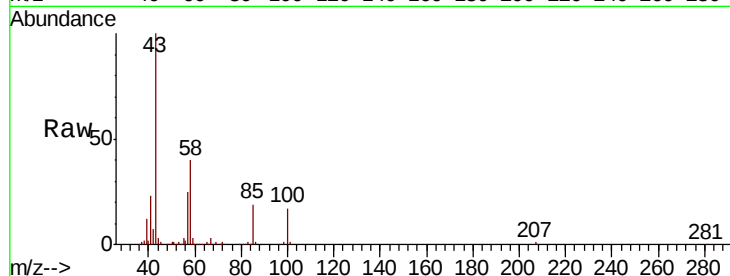
VSTDIC010

Tgt Ion: 43 Resp: 125020

Ion Ratio Lower Upper

43 100

58 42.5 33.3 49.9



#52

Toluene

Concen: 10.148 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005227.D

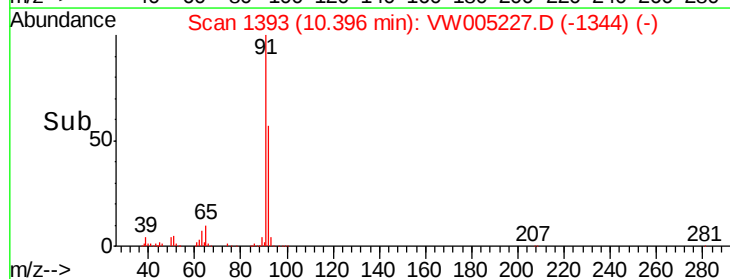
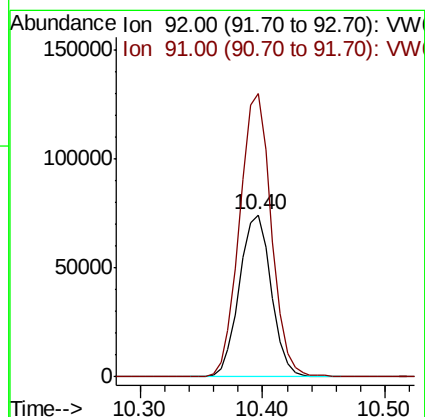
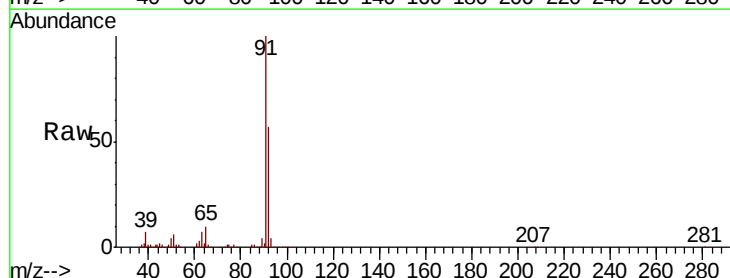
Acq: 08 Sep 2018 00:12

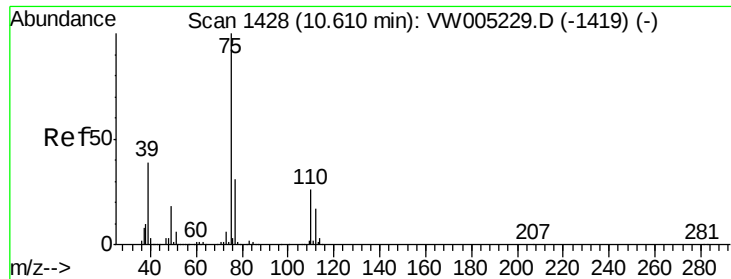
Tgt Ion: 92 Resp: 134308

Ion Ratio Lower Upper

92 100

91 173.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 9.376 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

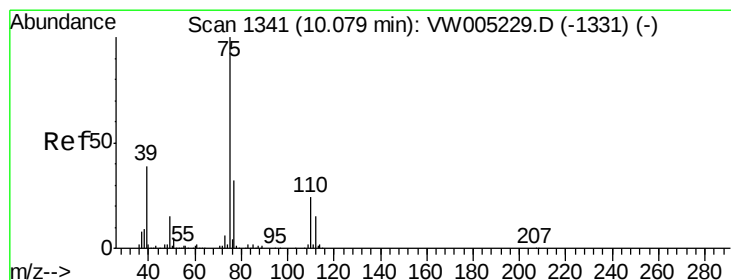
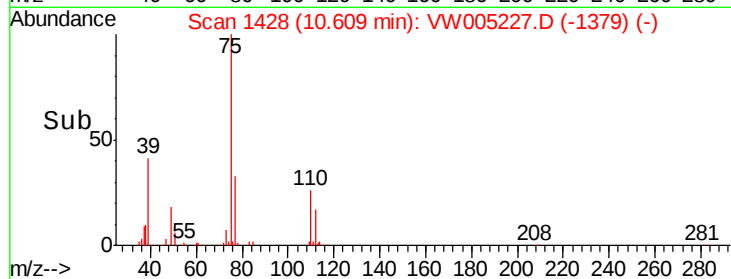
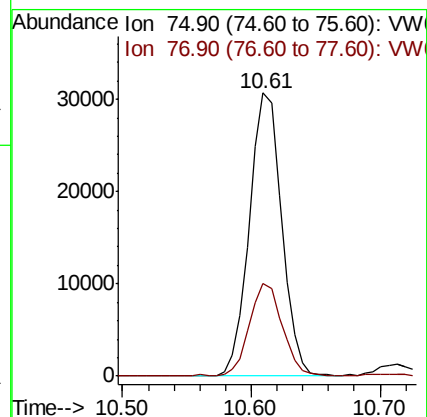
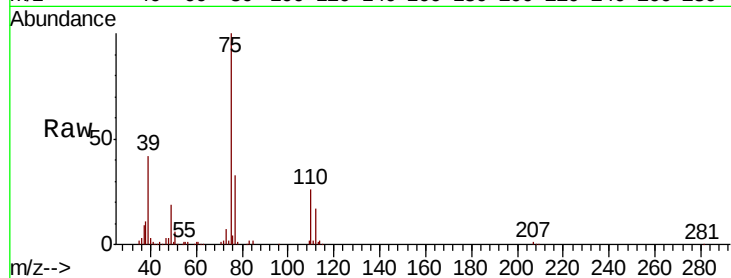
VSTDIC010

Tgt Ion: 75 Resp: 53102

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 9.338 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

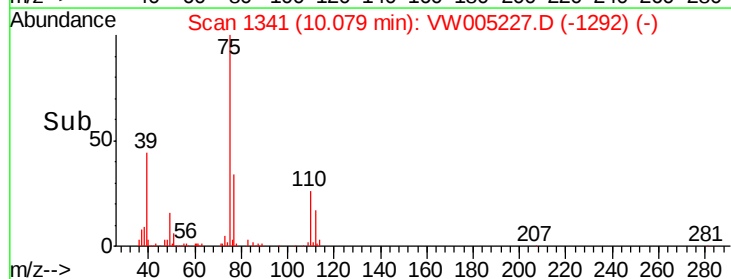
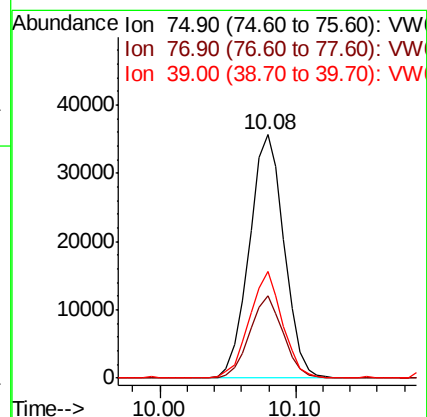
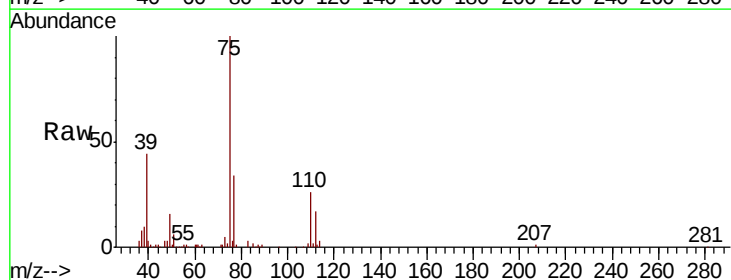
Tgt Ion: 75 Resp: 63936

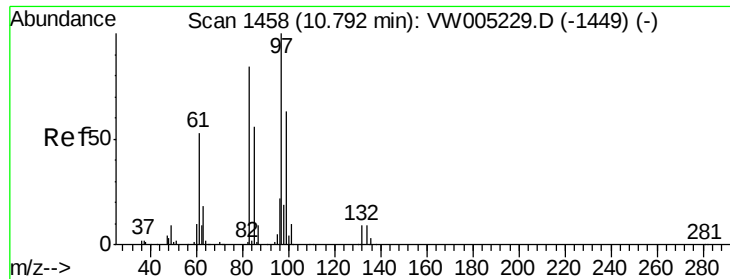
Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.0

39 43.9 31.2 46.8

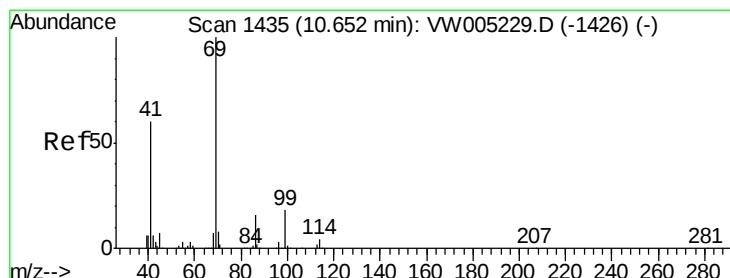
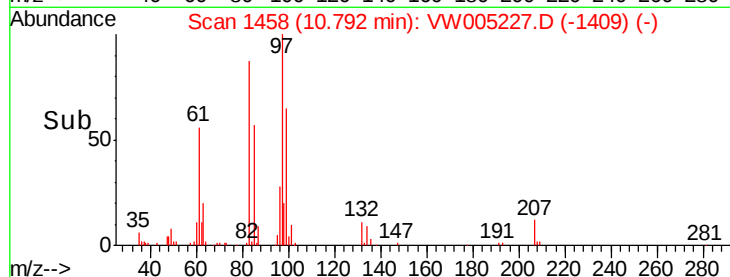
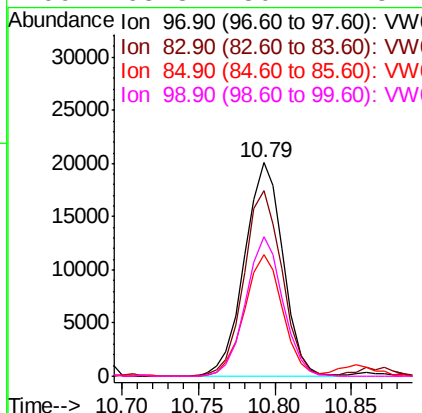
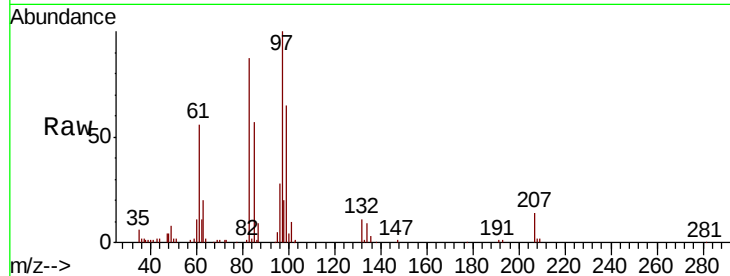




#55
 1,1,2-Trichloroethane
 Concen: 9.956 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

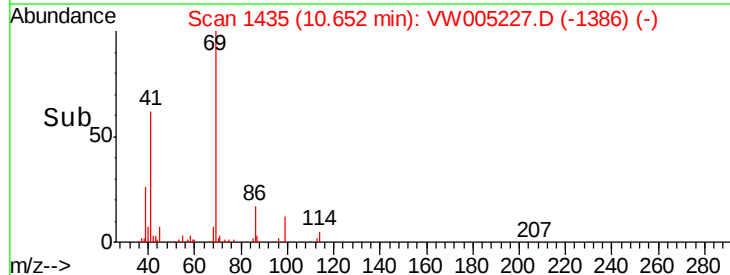
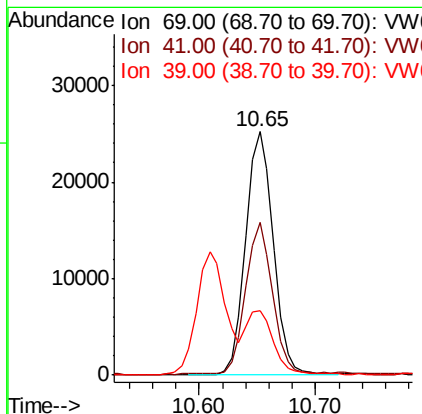
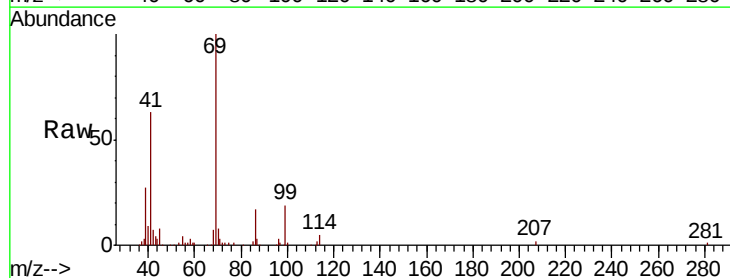
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

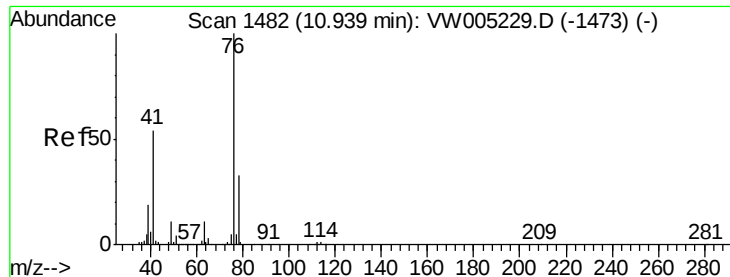
Tgt Ion:	97	Resp:	35249
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.4	101.0
85	56.7	44.6	66.8
99	65.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 10.270 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:	69	Resp:	42252
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.9	71.9
39	26.3	20.9	31.3





#57

1,3-Dichloropropane

Concen: 10.039 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

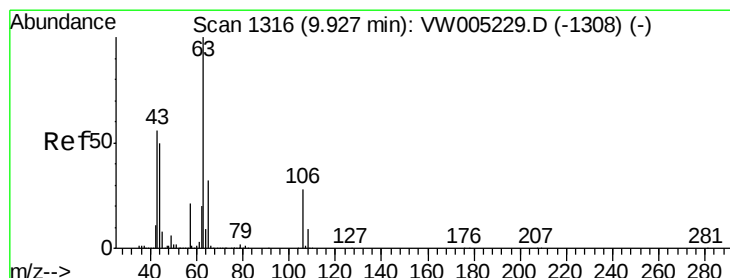
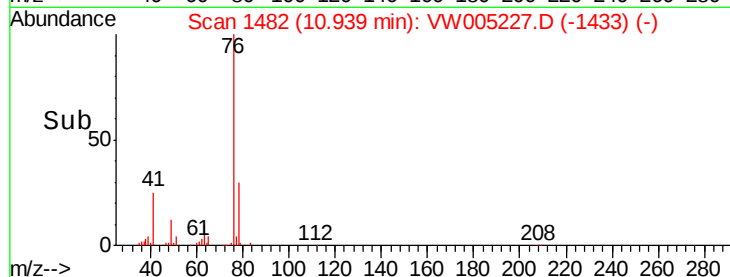
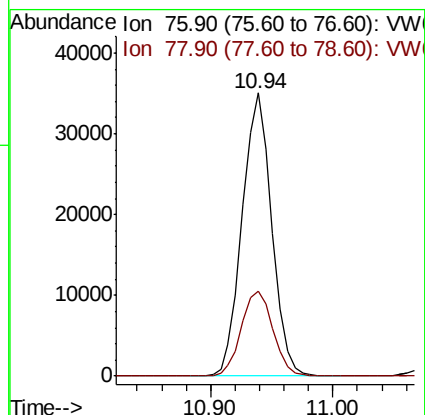
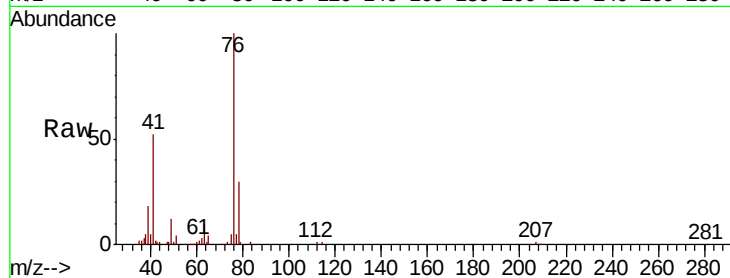
VSTDIC010

Tgt Ion: 76 Resp: 58775

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 48.790 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005227.D

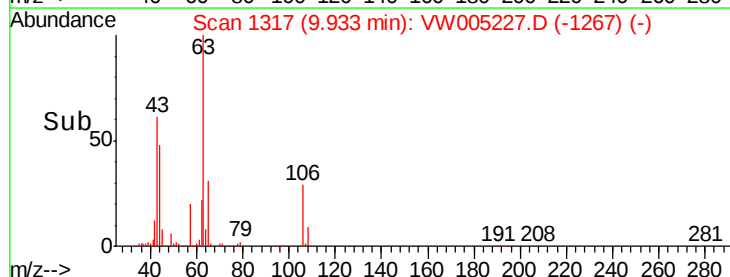
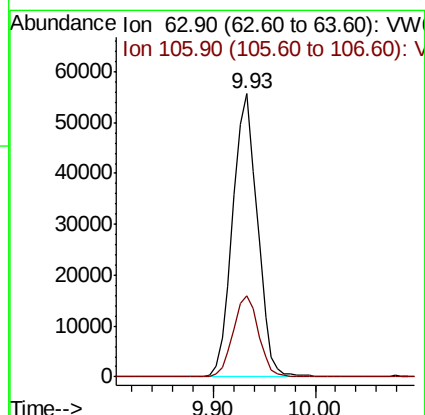
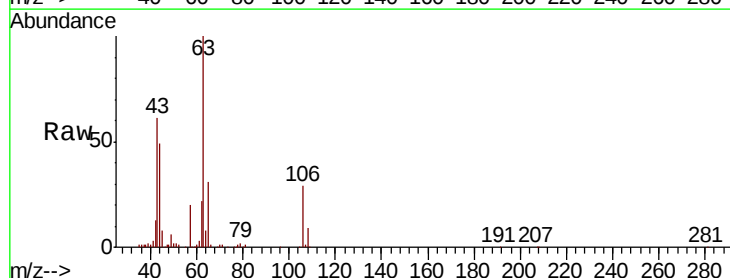
Acq: 08 Sep 2018 00:12

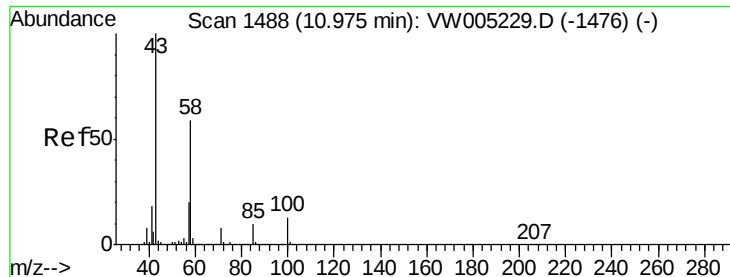
Tgt Ion: 63 Resp: 93540

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9

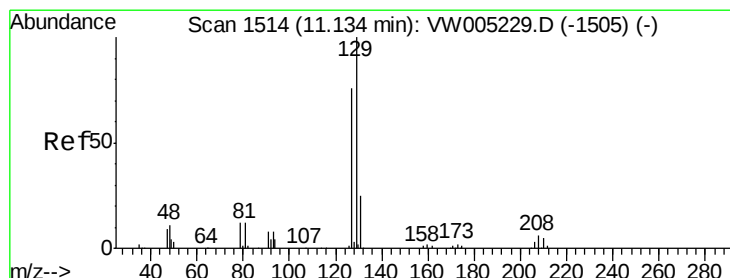
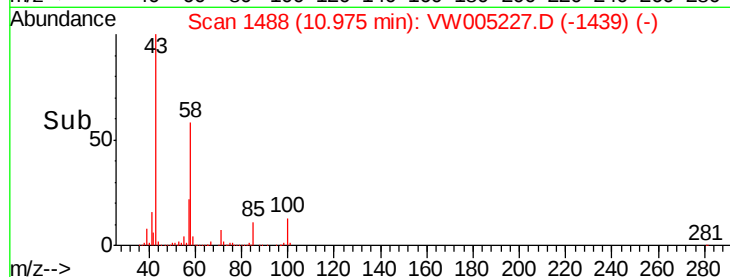
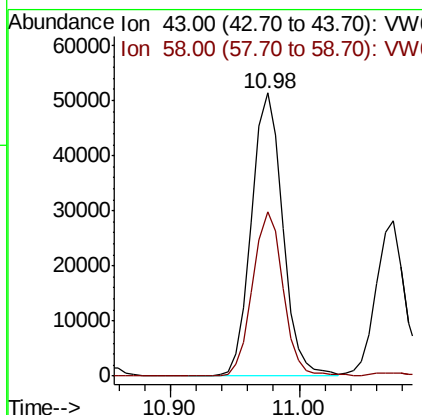
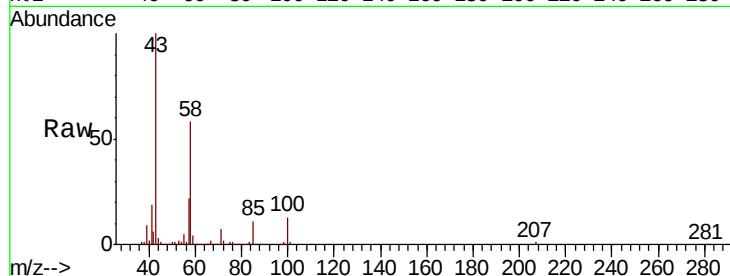




#59
2-Hexanone
Concen: 44.281 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

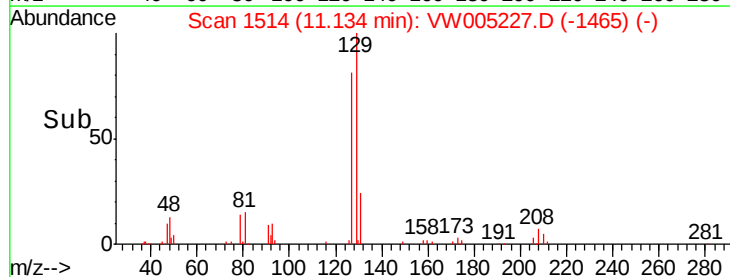
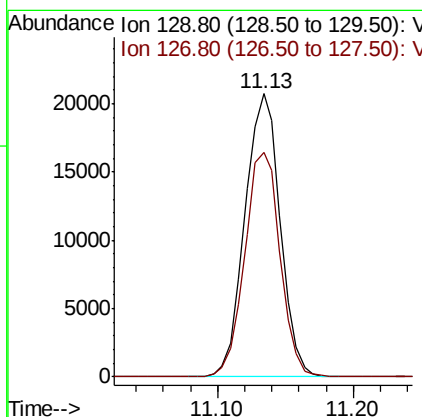
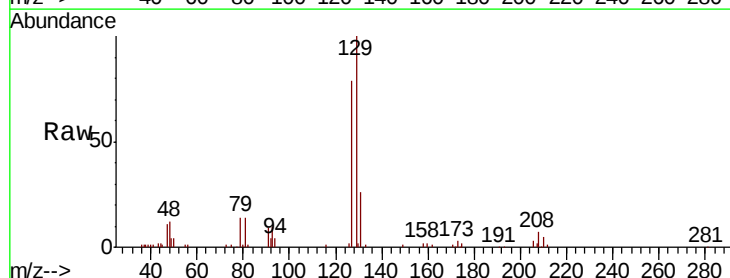
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

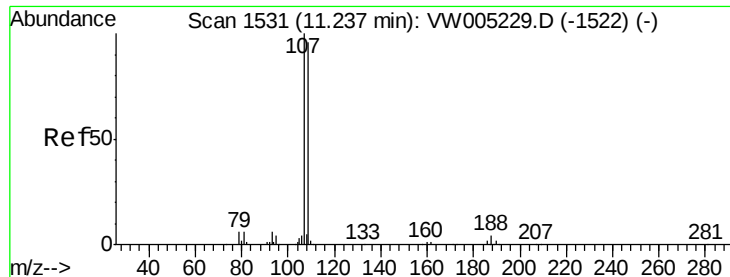
Tgt Ion: 43 Resp: 86070
Ion Ratio Lower Upper
43 100
58 56.8 29.2 87.6



#60
Dibromochloromethane
Concen: 9.384 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion: 129 Resp: 37572
Ion Ratio Lower Upper
129 100
127 79.7 38.7 116.1

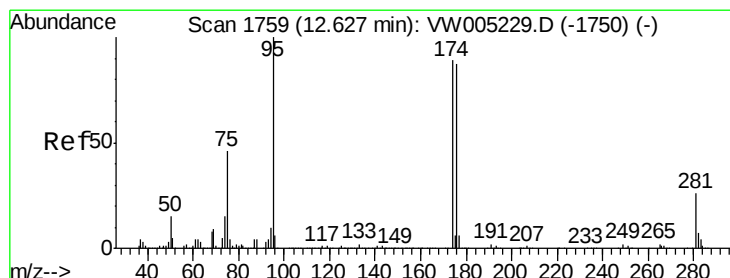
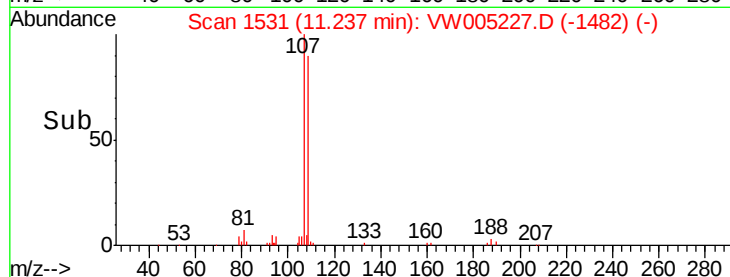
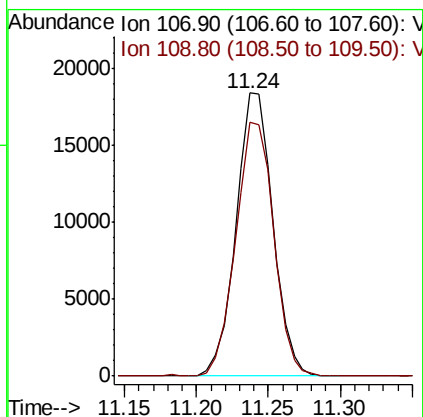
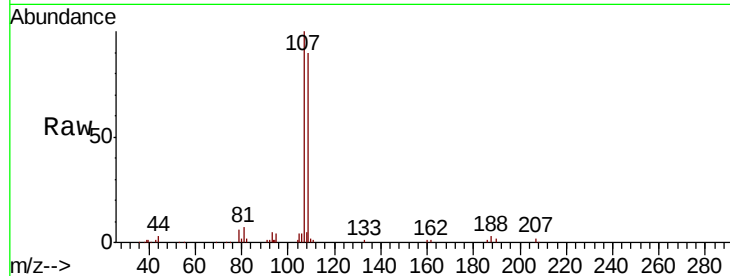




#61
 1,2-Dibromoethane
 Concen: 10.161 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

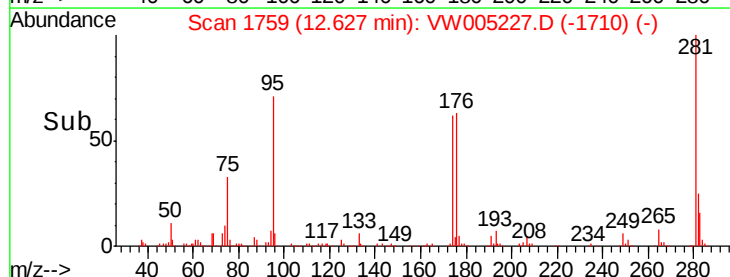
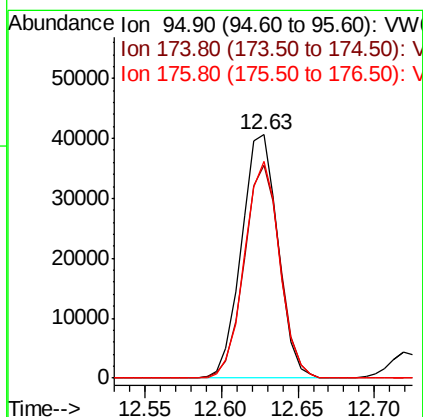
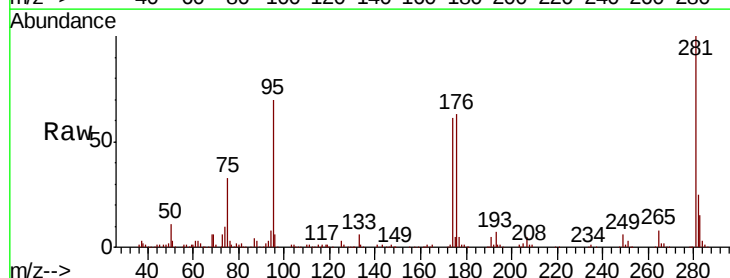
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

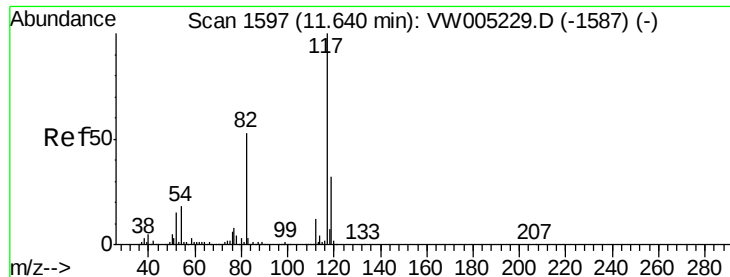
Tgt Ion: 107 Resp: 32683
 Ion Ratio Lower Upper
 107 100
 109 92.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 10.430 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion: 95 Resp: 67211
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 173.2
 176 86.1 0.0 167.2

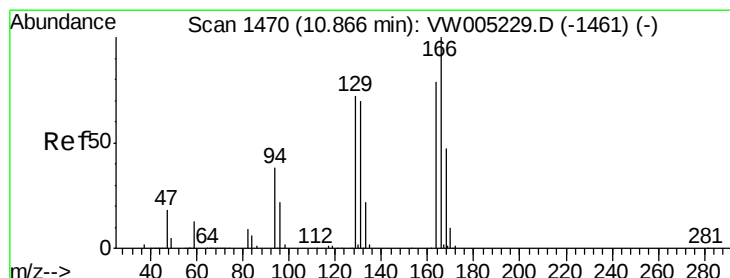
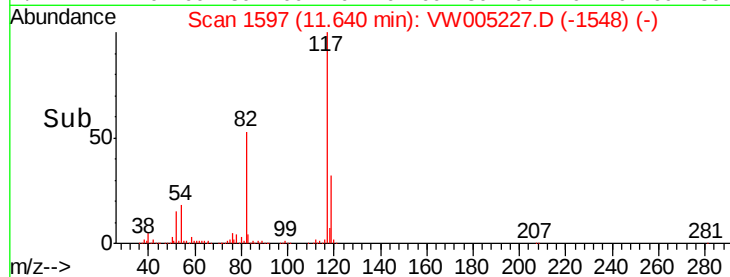
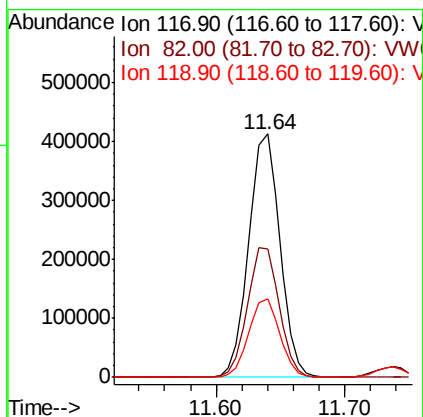
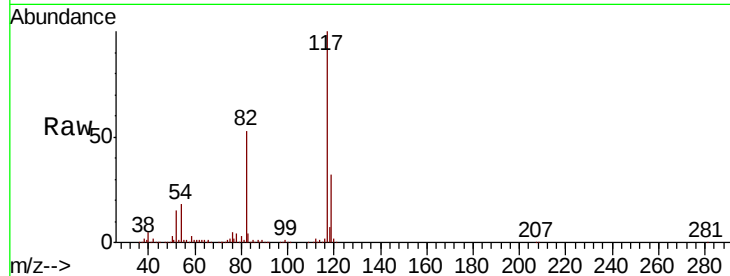




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

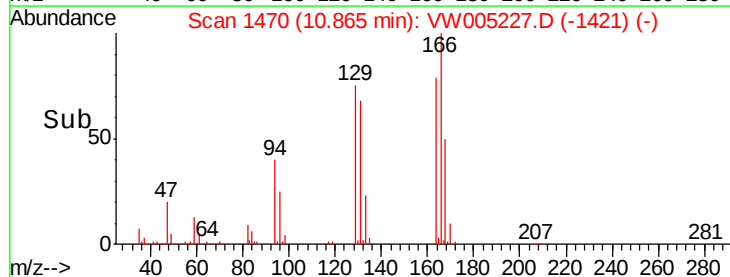
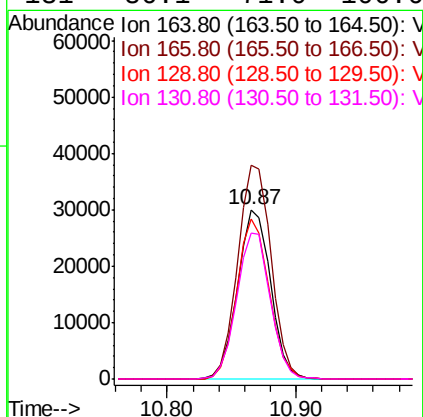
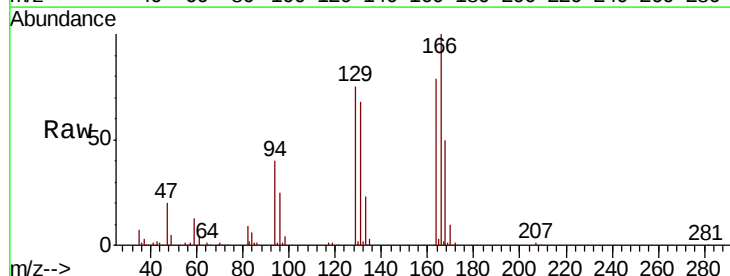
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

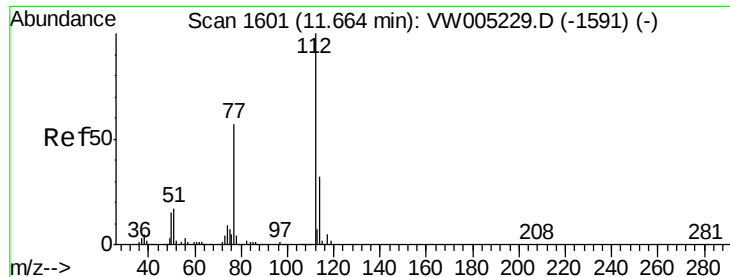
Tgt Ion:117 Resp: 691833
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 9.819 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:164 Resp: 53058
Ion Ratio Lower Upper
164 100
166 126.2 101.0 151.6
129 94.3 73.0 109.4
131 86.1 71.0 106.6

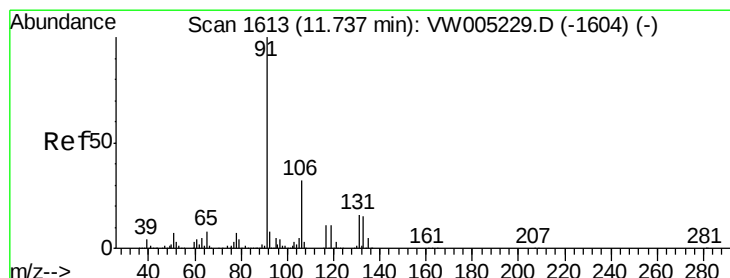
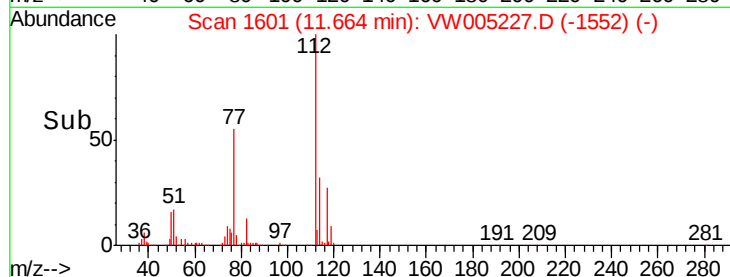
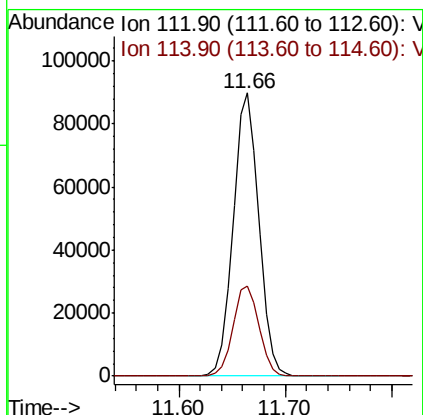
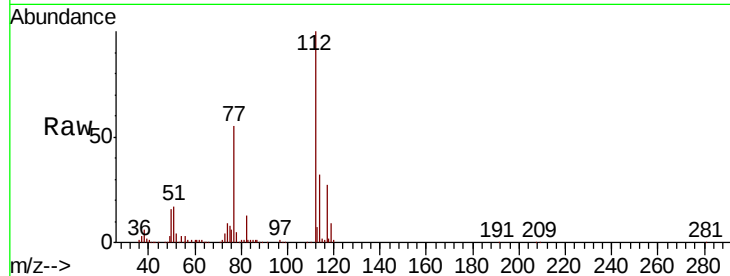




#65
Chlorobenzene
Concen: 9.868 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

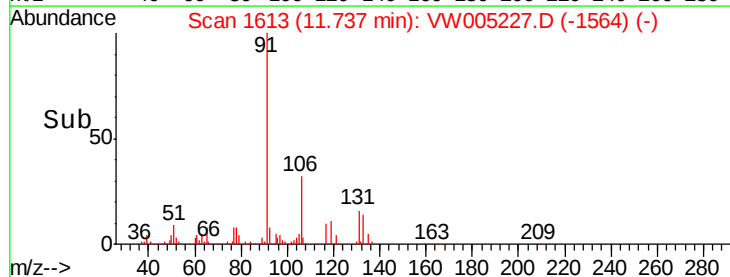
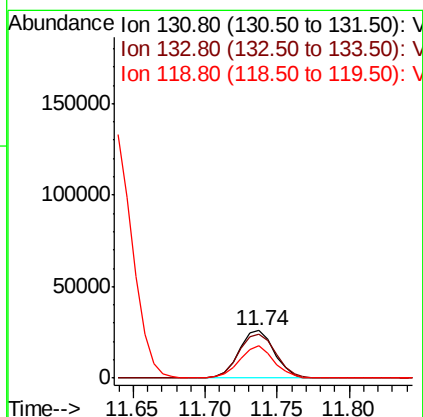
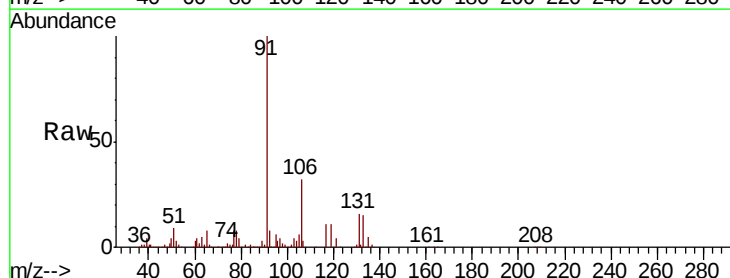
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

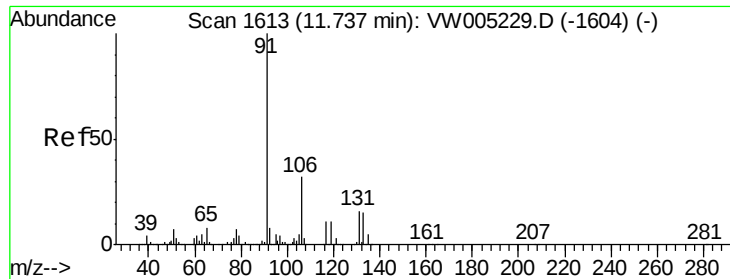
Tgt Ion:112 Resp: 151668
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.456 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:131 Resp: 44355
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 65.9 33.3 99.8

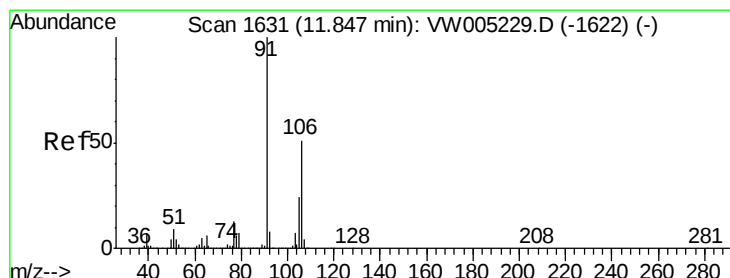
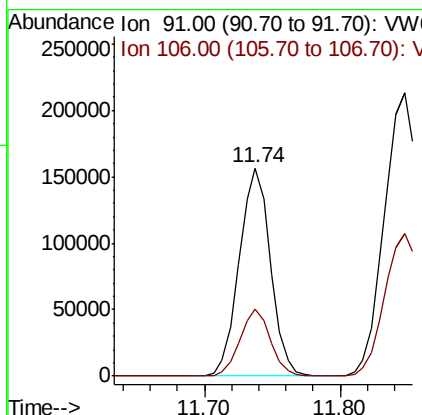
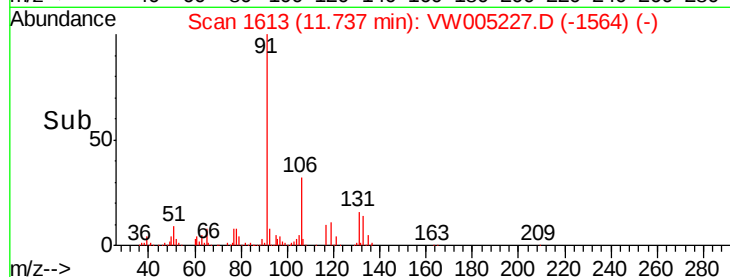
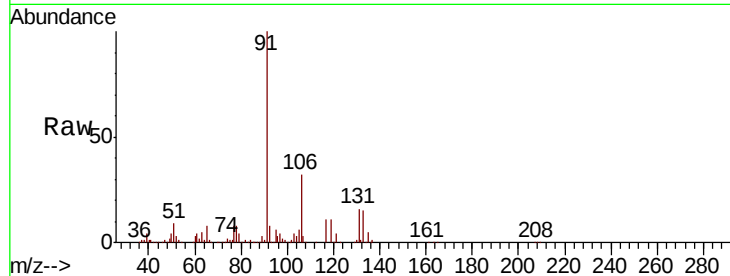




#67
Ethyl Benzene
Concen: 9.677 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

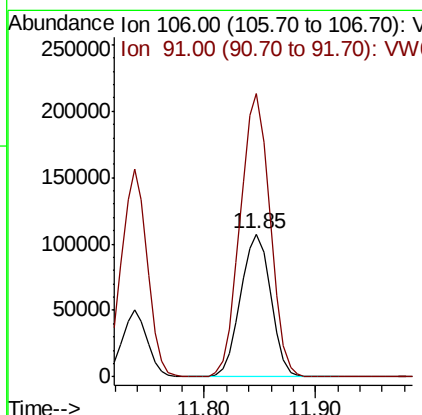
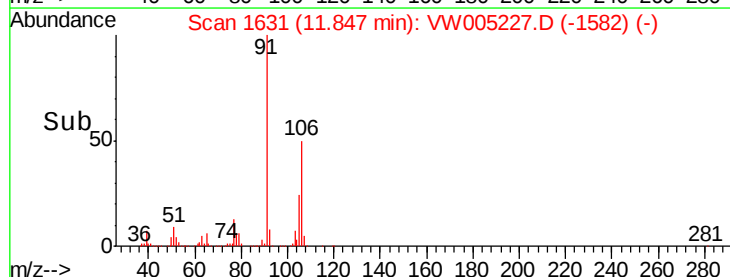
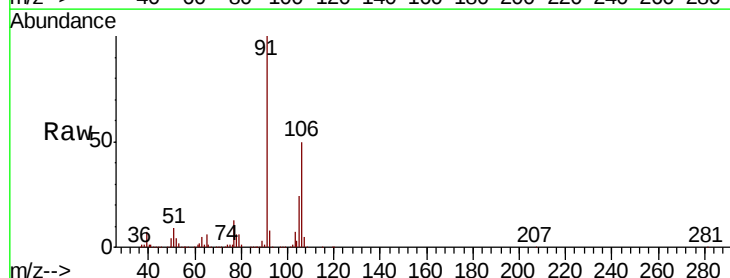
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

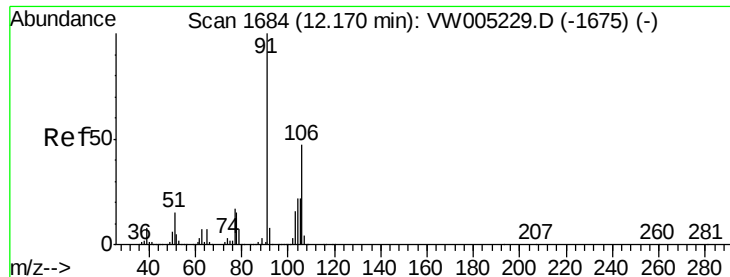
Tgt Ion: 91 Resp: 250632
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 19.566 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion: 106 Resp: 202679
Ion Ratio Lower Upper
106 100
91 195.7 157.4 236.2

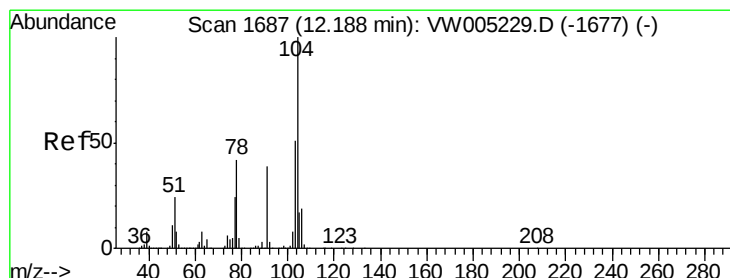
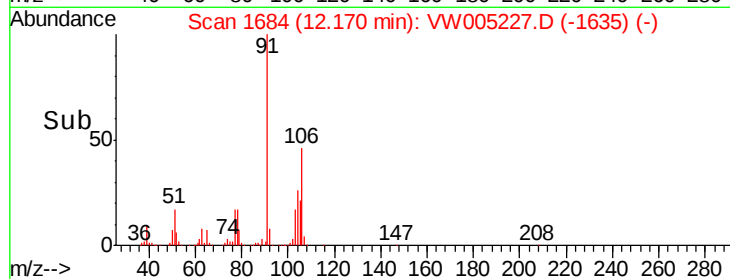
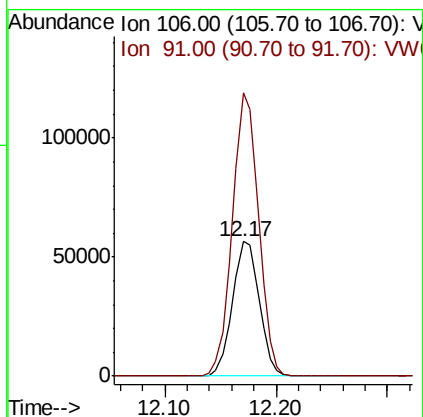
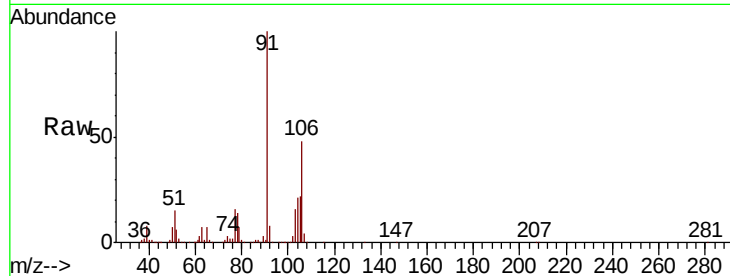




#69
o-Xylene
Concen: 9.830 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

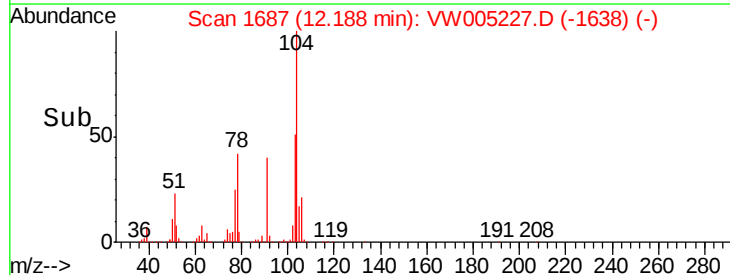
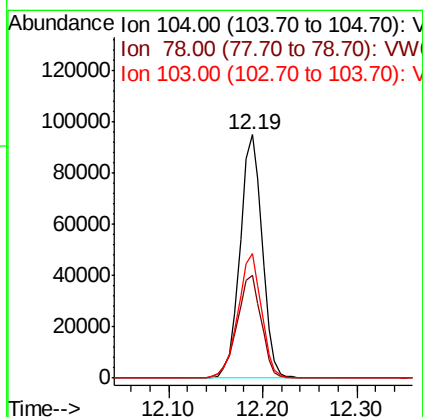
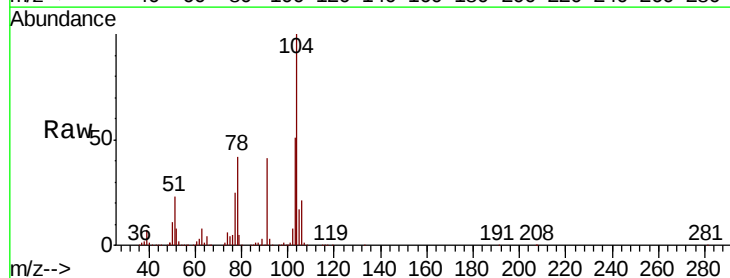
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

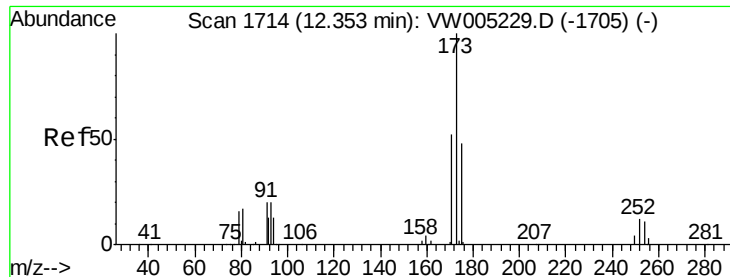
Tgt Ion:106 Resp: 94512
Ion Ratio Lower Upper
106 100
91 205.8 104.5 313.3



#70
Styrene
Concen: 9.811 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:104 Resp: 155337
Ion Ratio Lower Upper
104 100
78 46.2 37.9 56.9
103 54.4 44.1 66.1

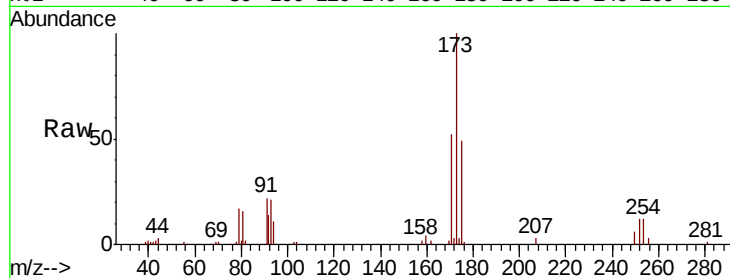




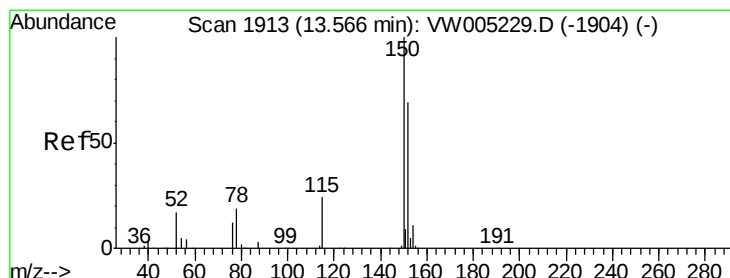
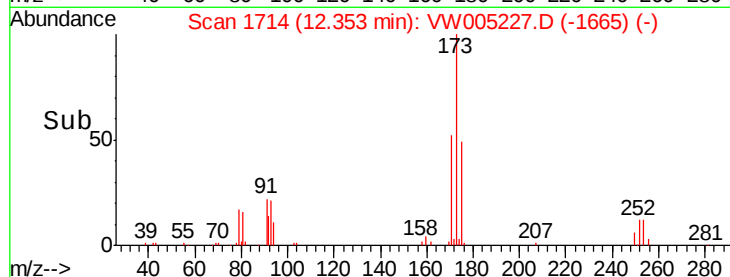
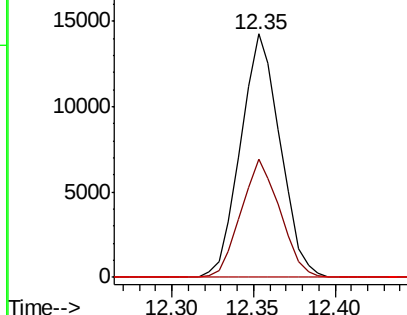
#71
Bromoform
Concen: 9.592 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 24062
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.1 0.1#

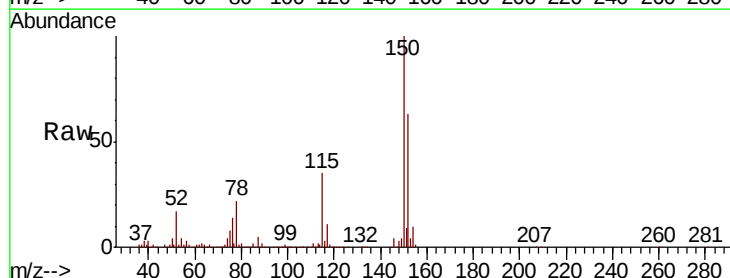


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

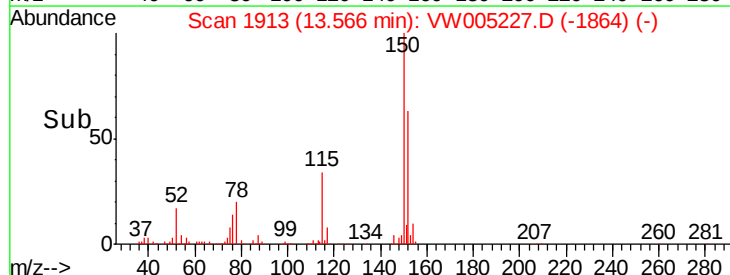
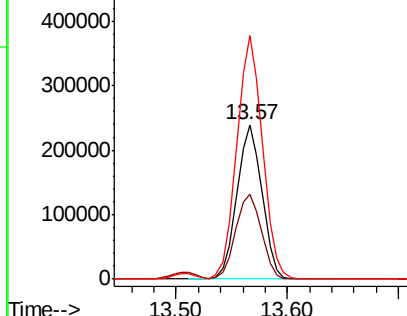


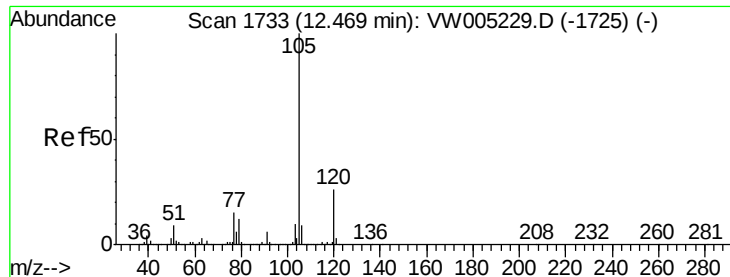
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:152 Resp: 371925
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.3
150 161.5 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: 9.561 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

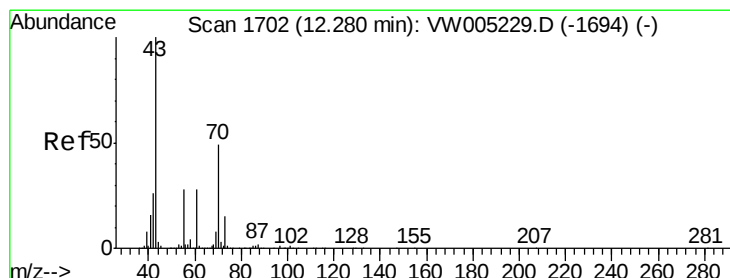
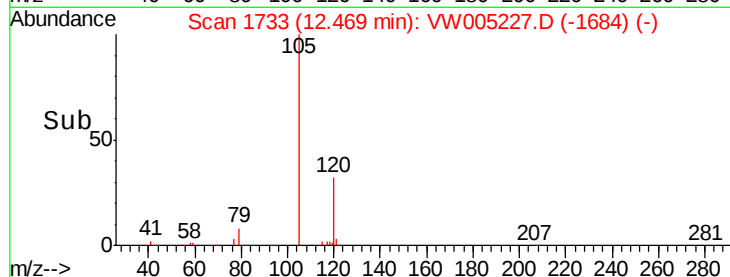
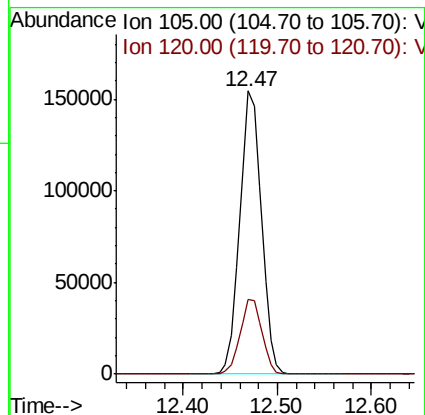
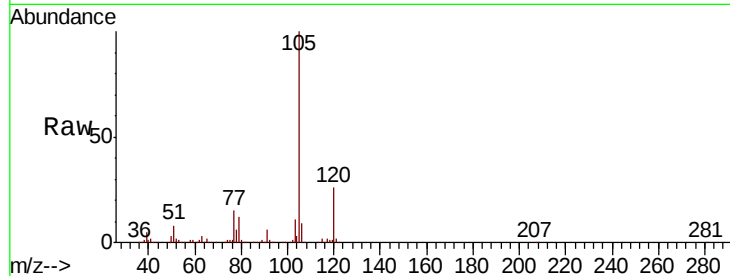
VSTDIC010

Tgt Ion: 105 Resp: 247043

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 10.546 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Tgt Ion: 43 Resp: 48392

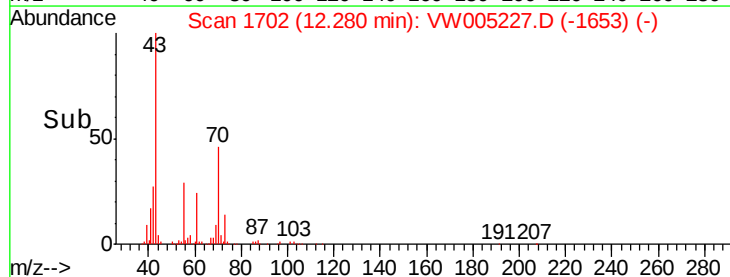
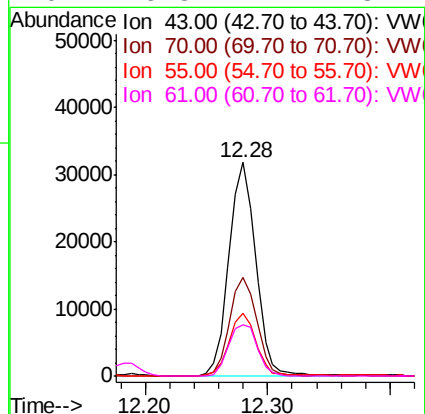
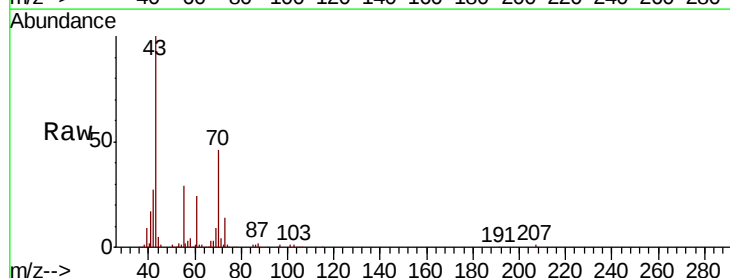
Ion Ratio Lower Upper

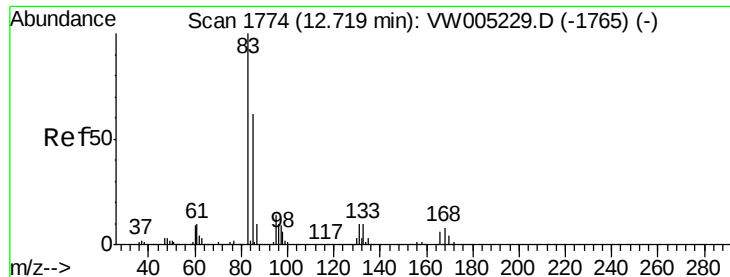
43 100

70 46.4 38.3 57.5

55 29.9 22.5 33.7

61 25.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 10.294 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

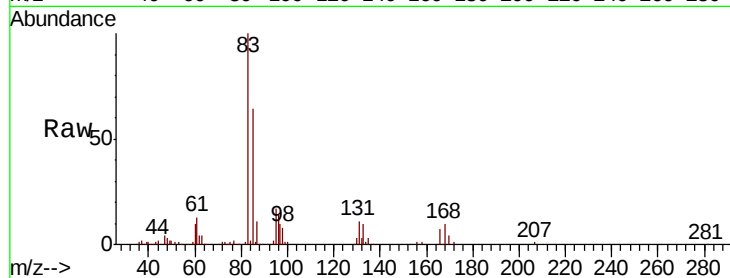
Tgt Ion: 83 Resp: 41297

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

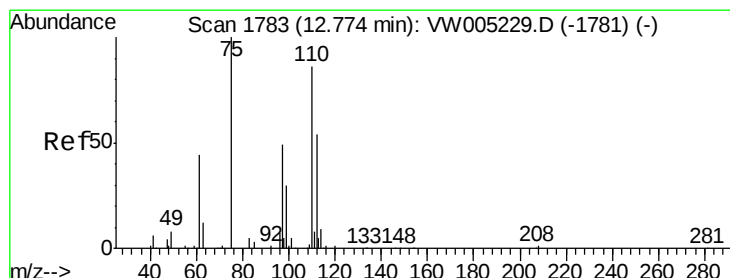
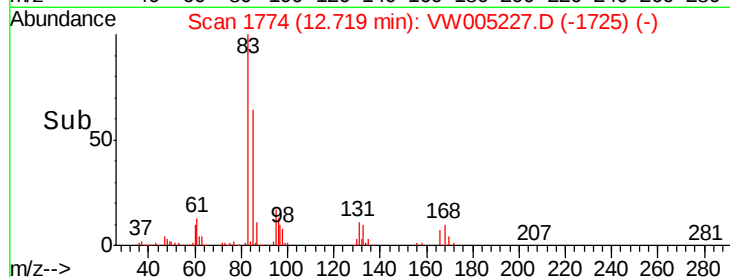
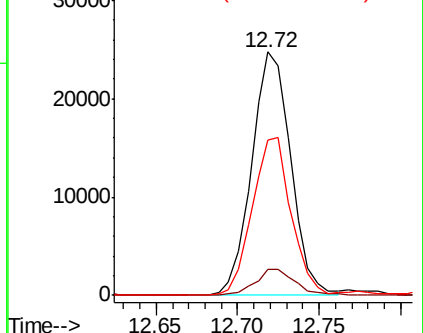
85 64.4 32.0 96.0



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: 19.207 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005227.D

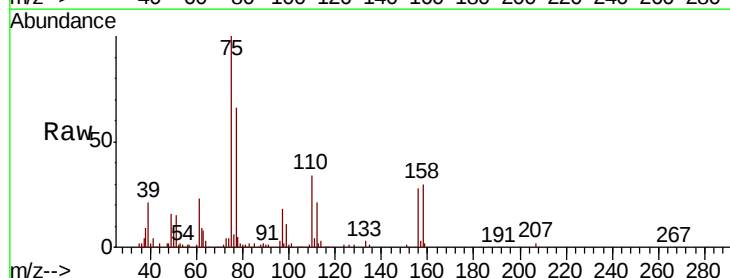
Acq: 08 Sep 2018 00:12

Tgt Ion: 75 Resp: 54084

Ion Ratio Lower Upper

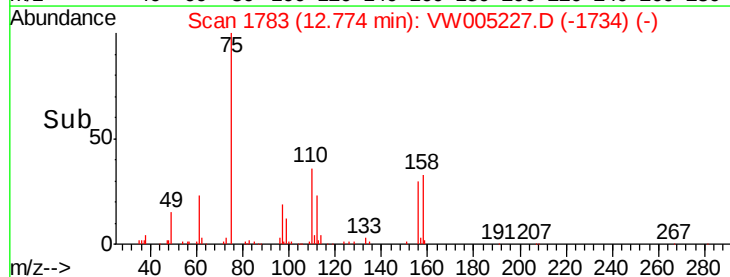
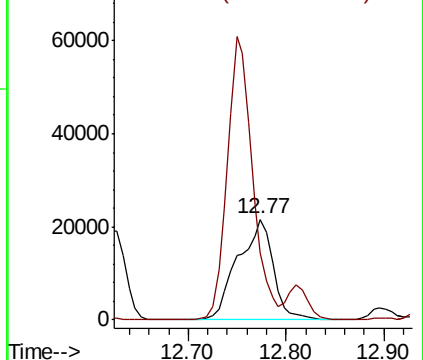
75 100

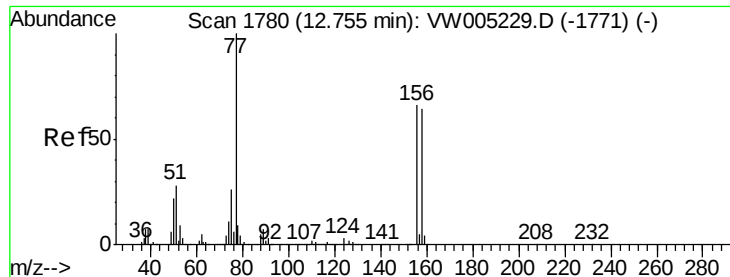
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.832 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

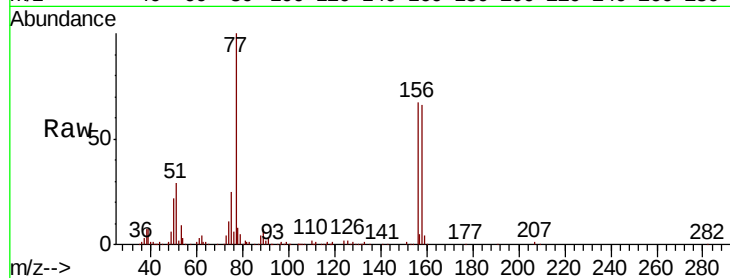
Tgt Ion:156 Resp: 62747

Ion Ratio Lower Upper

156 100

77 174.4 86.4 259.2

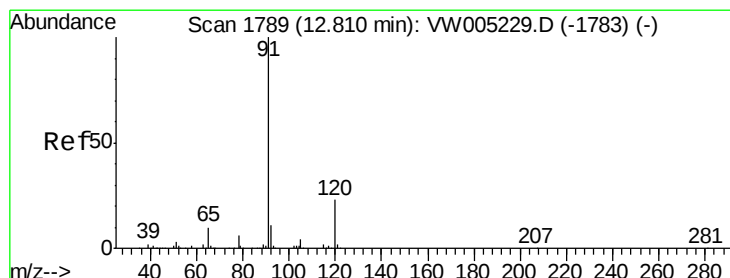
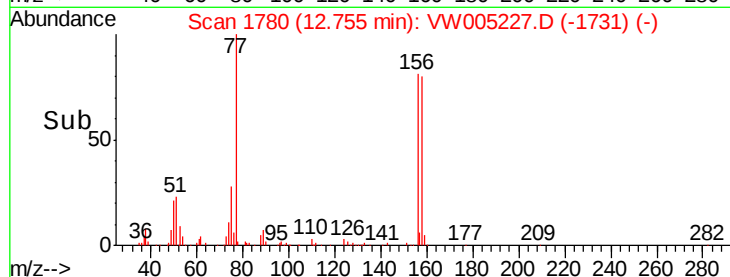
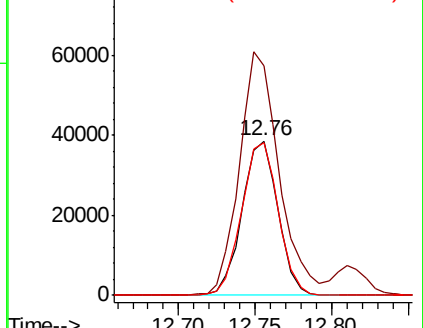
158 101.0 48.4 145.0



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: 9.544 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005227.D

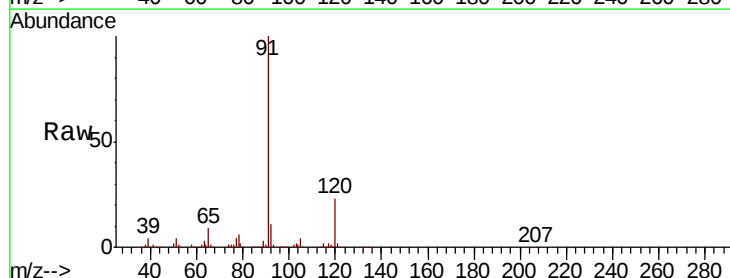
Acq: 08 Sep 2018 00:12

Tgt Ion: 91 Resp: 296910

Ion Ratio Lower Upper

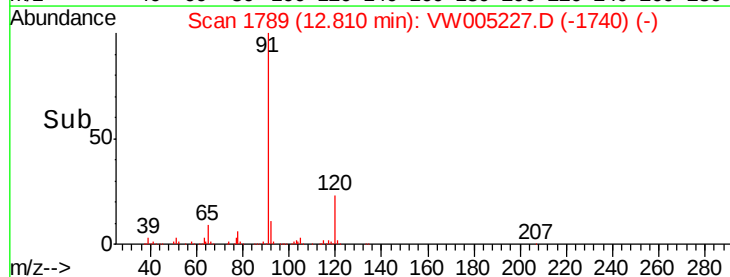
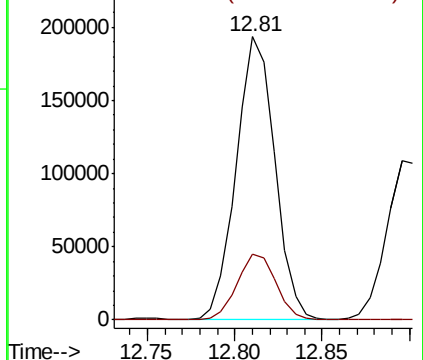
91 100

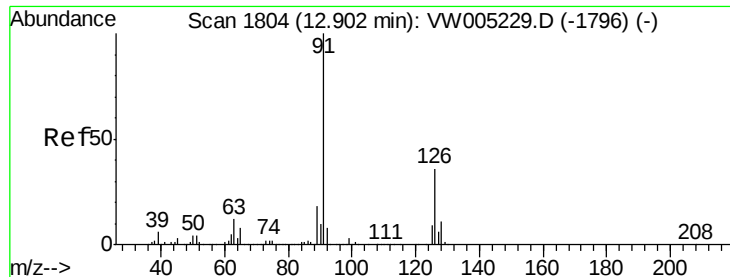
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.877 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

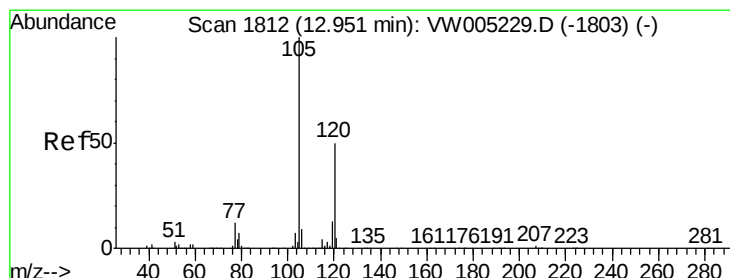
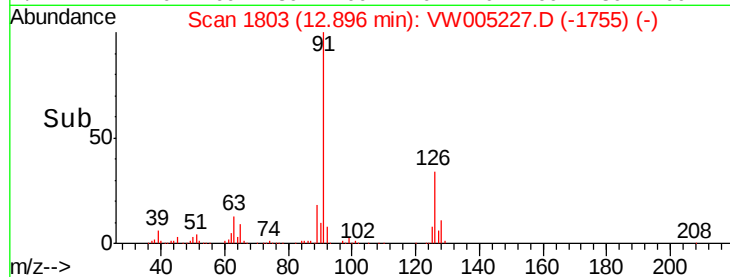
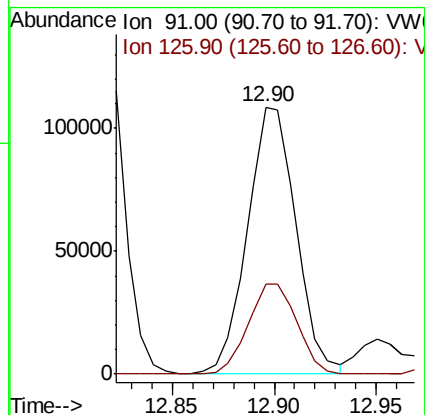
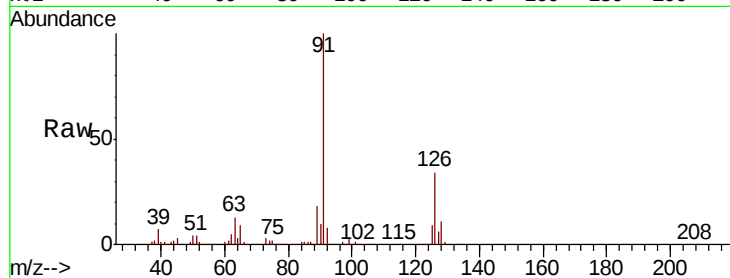
VSTDIC010

Tgt Ion: 91 Resp: 179690

Ion Ratio Lower Upper

91 100

126 34.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 9.602 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005227.D

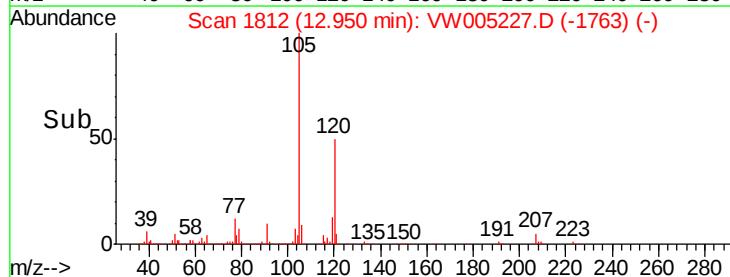
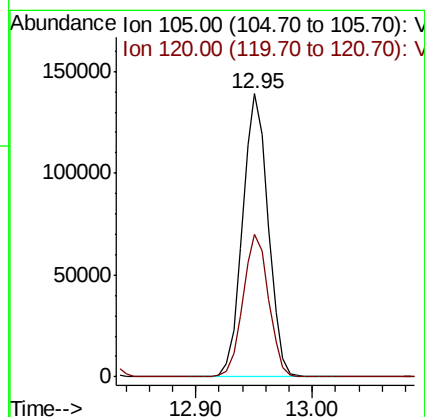
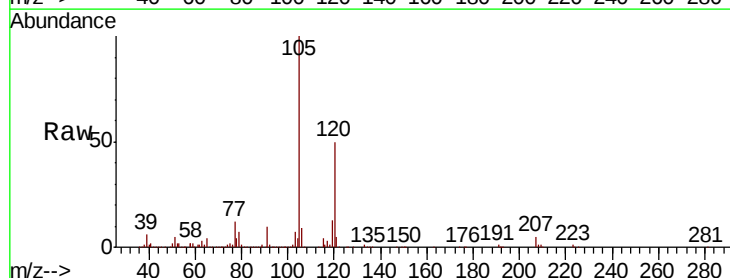
Acq: 08 Sep 2018 00:12

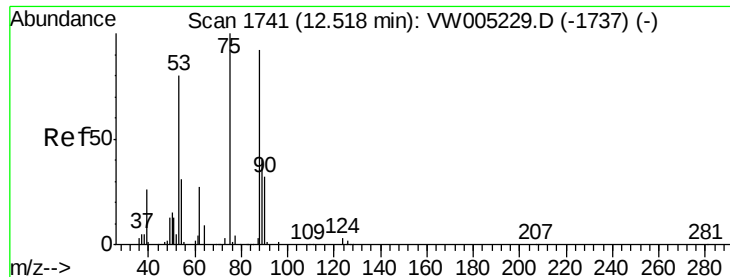
Tgt Ion: 105 Resp: 213531

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.658 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

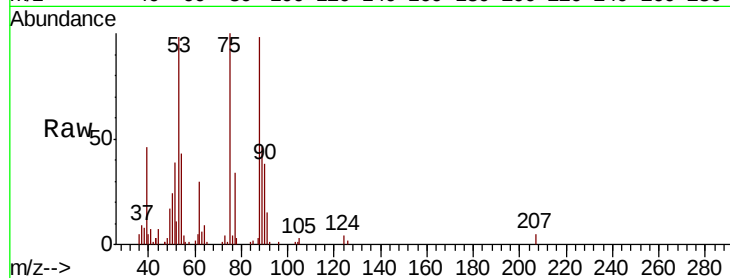
Tgt Ion: 75 Resp: 11183

Ion Ratio Lower Upper

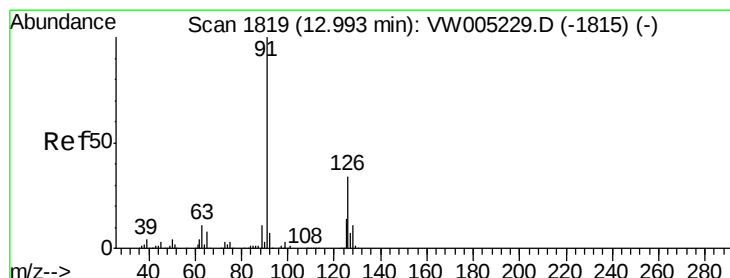
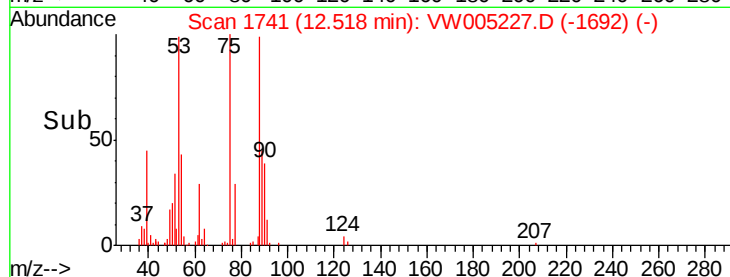
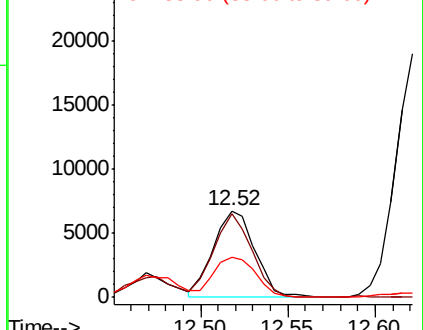
75 100

53 89.8 69.0 103.6

89 46.0 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: 9.768 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005227.D

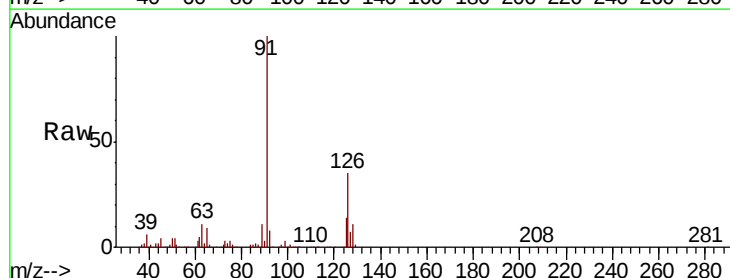
Acq: 08 Sep 2018 00:12

Tgt Ion: 91 Resp: 187782

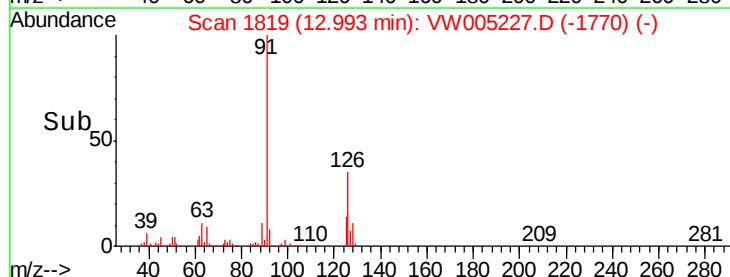
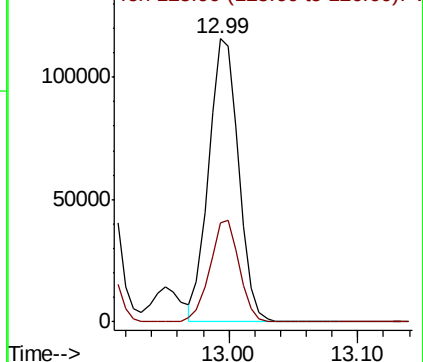
Ion Ratio Lower Upper

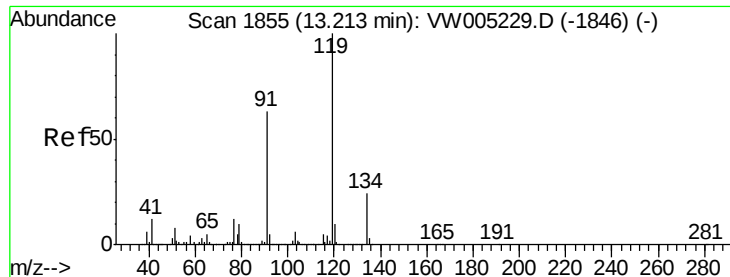
91 100

126 35.2 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: 9.402 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

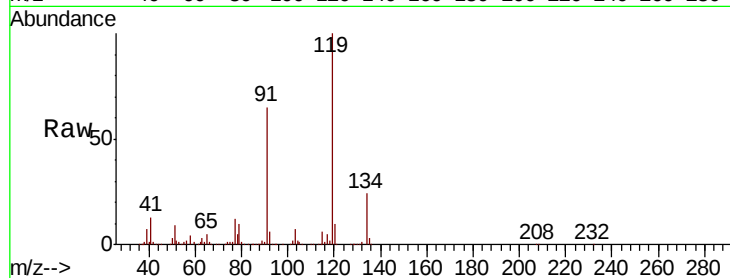
Instrument :

MSVOA_W

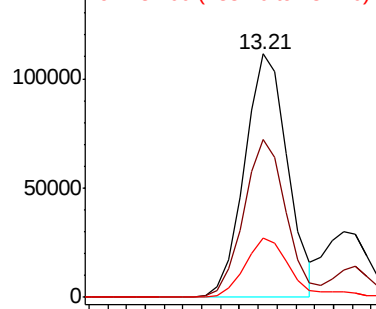
ClientSampleId :

VSTDIC010

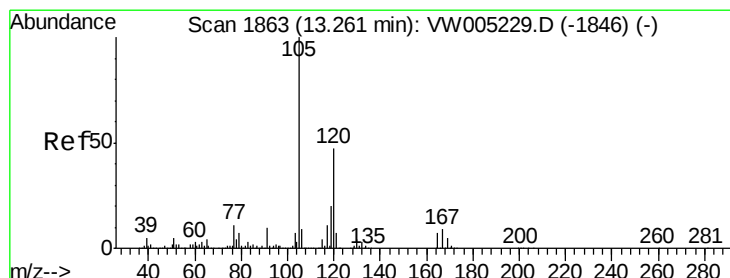
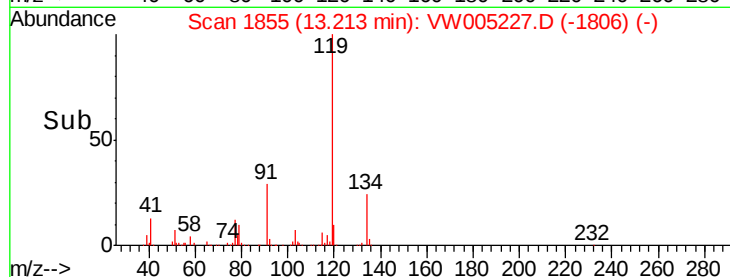
Tgt Ion:	119	Resp:	176187
Ion	Ratio	Lower	Upper
119	100		
91	64.5	30.8	92.3
134	26.3	12.7	38.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.520 ug/l

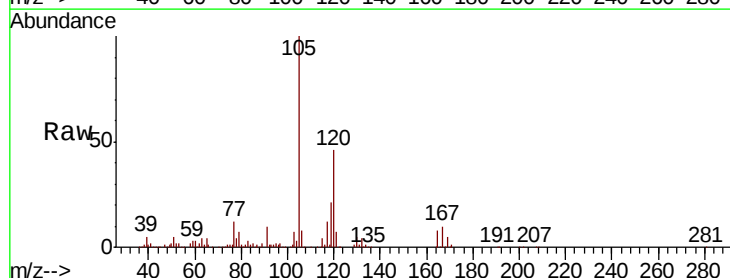
RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

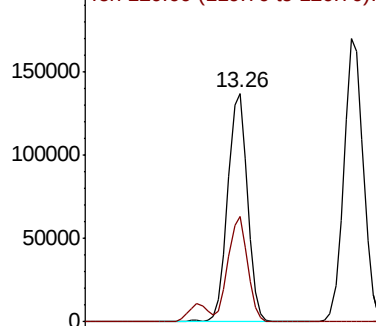
Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

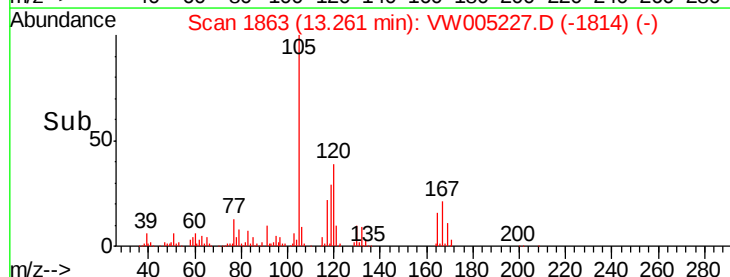
Tgt Ion:	105	Resp:	215627
Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6

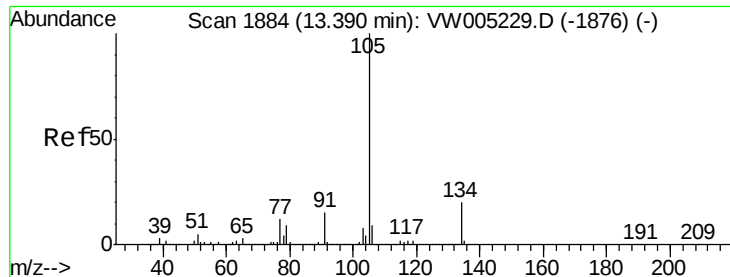


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->

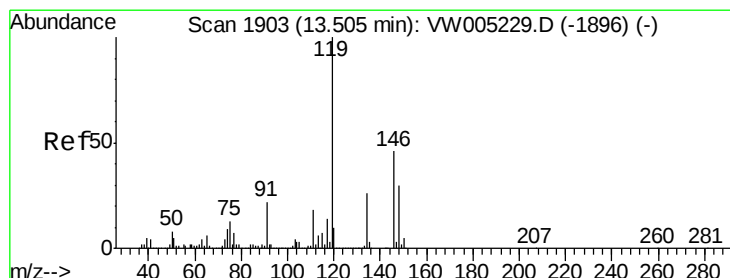
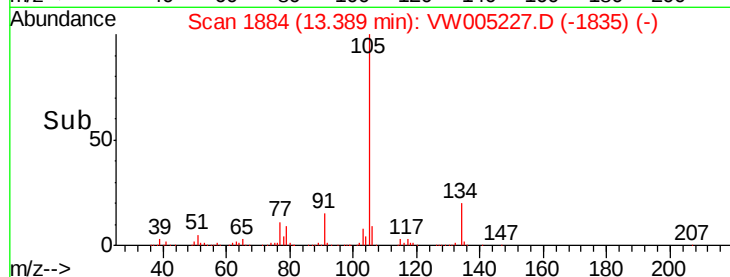
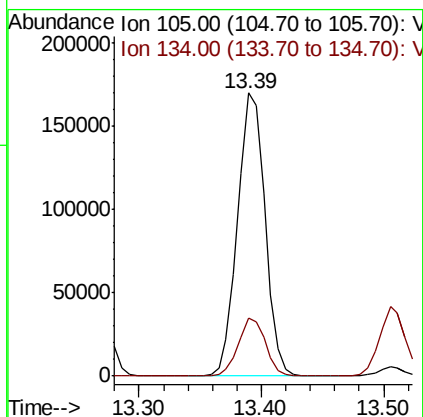
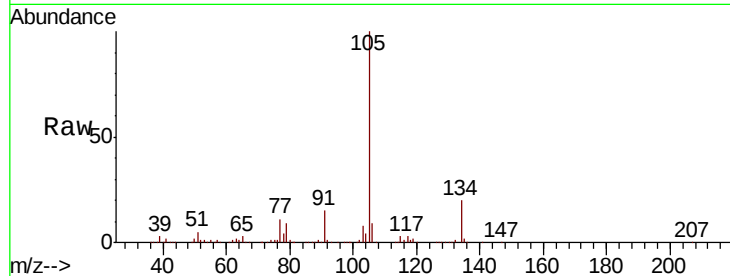




#85
 sec-Butylbenzene
 Concen: 9.640 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

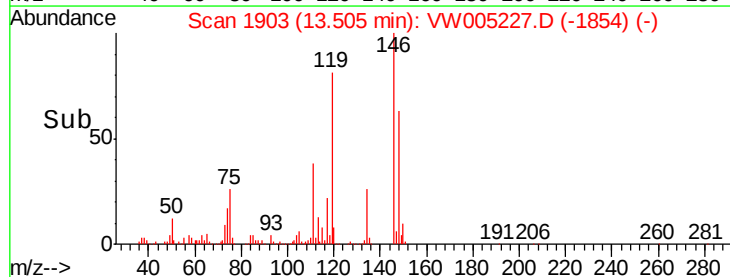
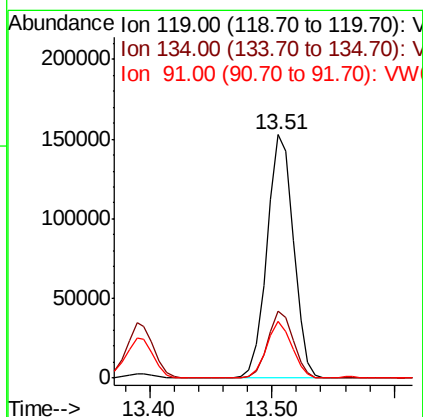
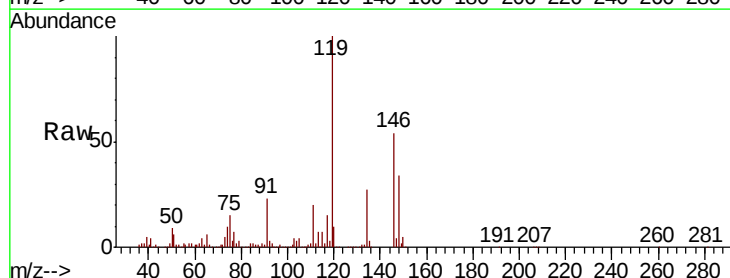
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

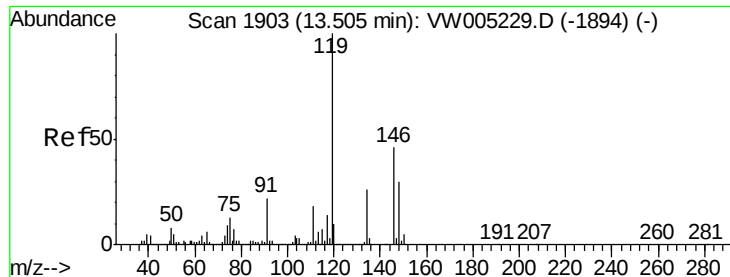
Tgt Ion:105 Resp: 264009
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 9.453 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:119 Resp: 228999
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 22.5 10.9 32.7

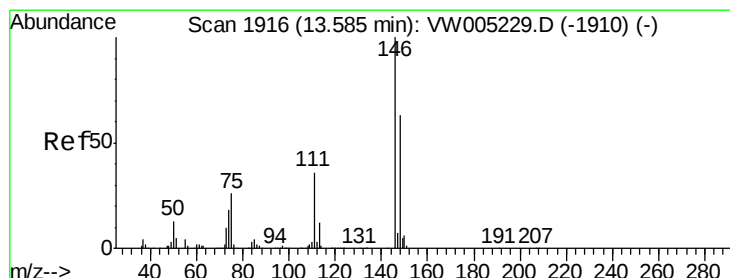
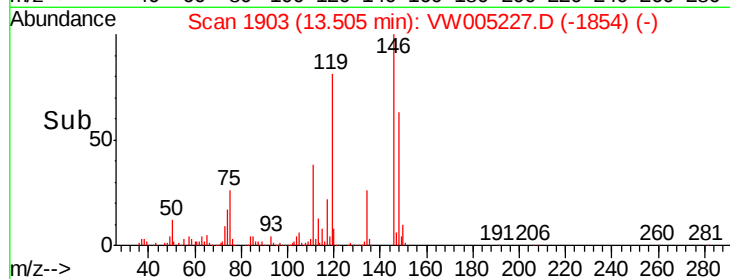
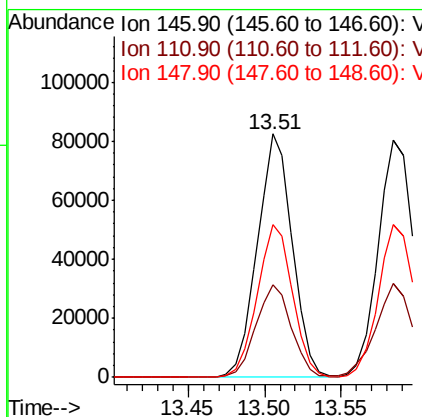
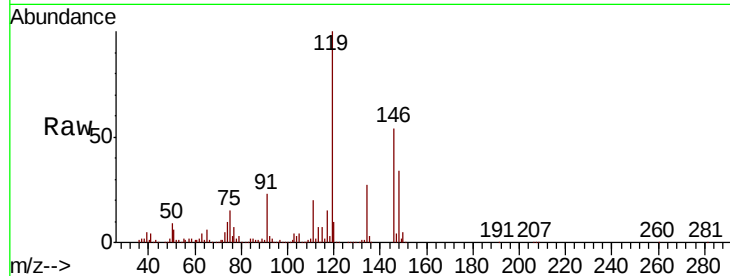




#87
 1,3-Dichlorobenzene
 Concen: 10.014 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

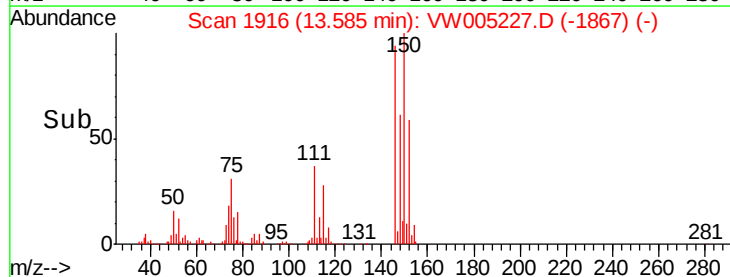
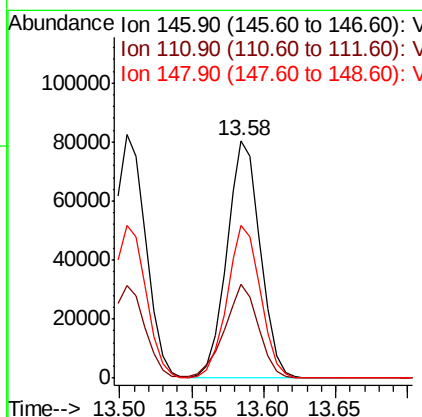
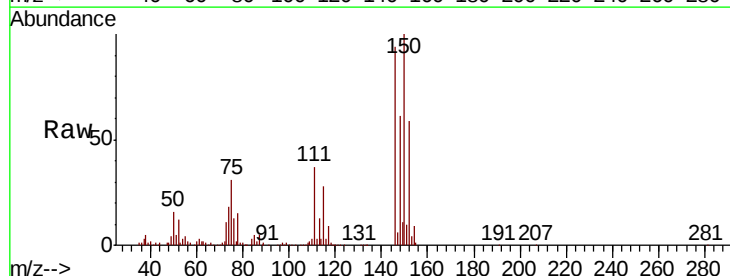
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

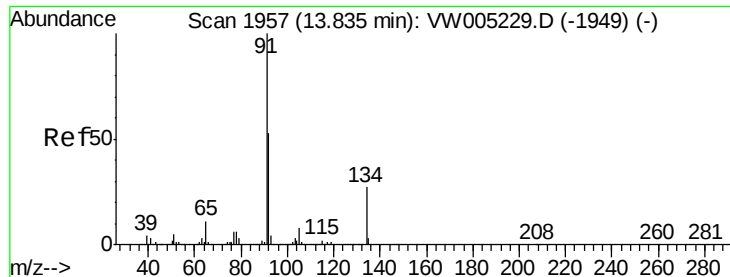
Tgt Ion:146 Resp: 131014
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 9.991 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:146 Resp: 129868
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.6 56.0
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 9.179 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. -0.00 min

Lab File: VW005227.D

Acq: 08 Sep 2018 00:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

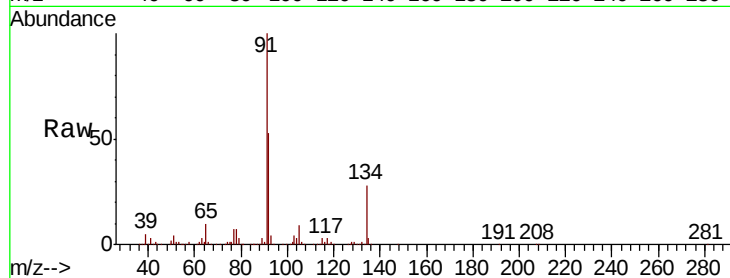
Tgt Ion: 91 Resp: 205697

Ion Ratio Lower Upper

91 100

92 52.3 26.7 80.0

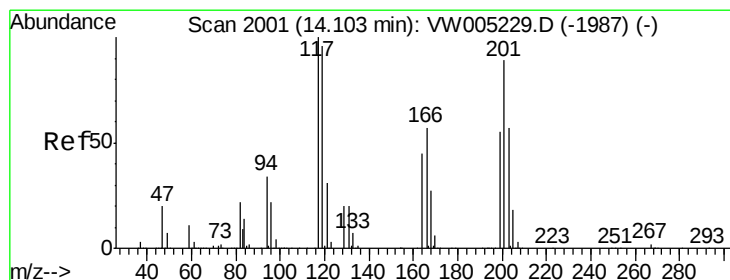
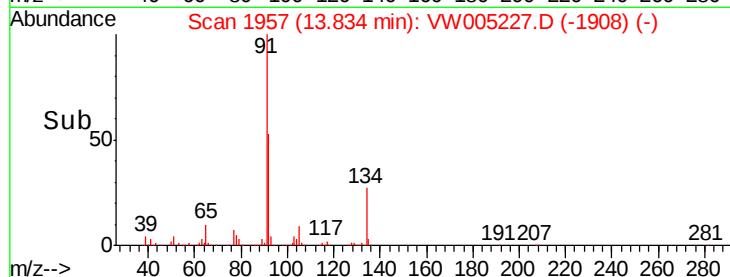
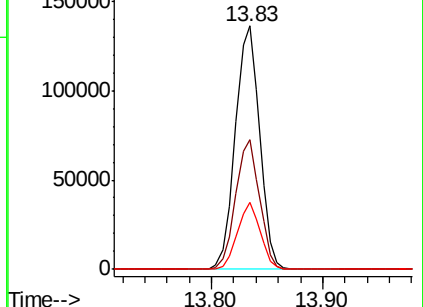
134 26.1 13.5 40.4



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: 9.479 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005227.D

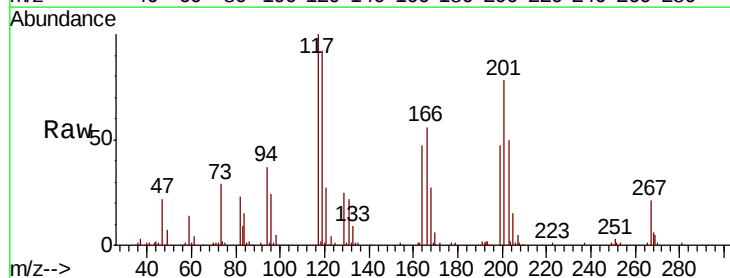
Acq: 08 Sep 2018 00:12

Tgt Ion: 117 Resp: 38340

Ion Ratio Lower Upper

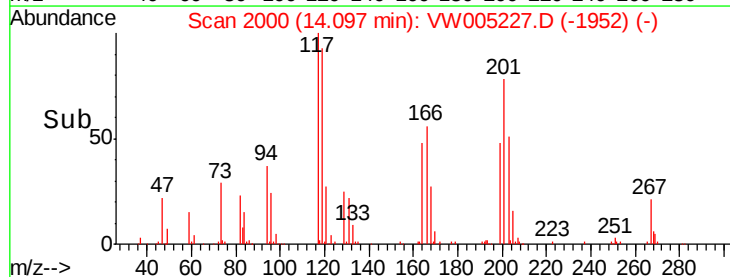
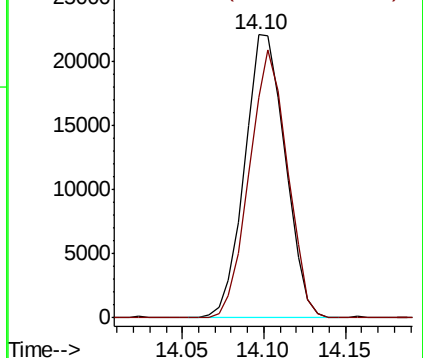
117 100

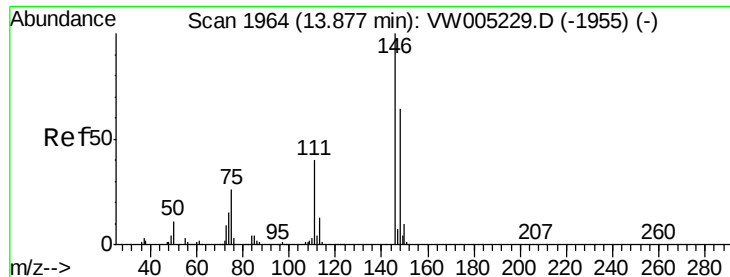
201 88.6 44.8 134.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

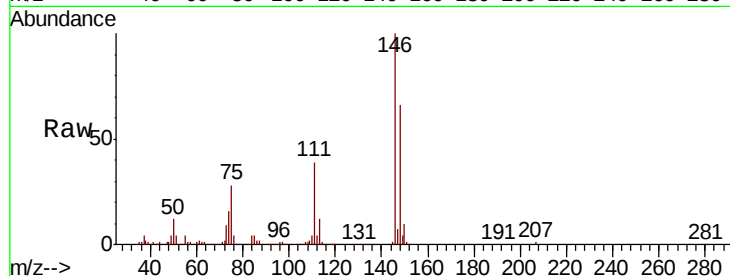




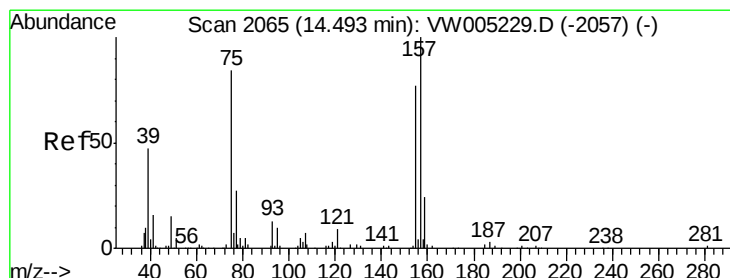
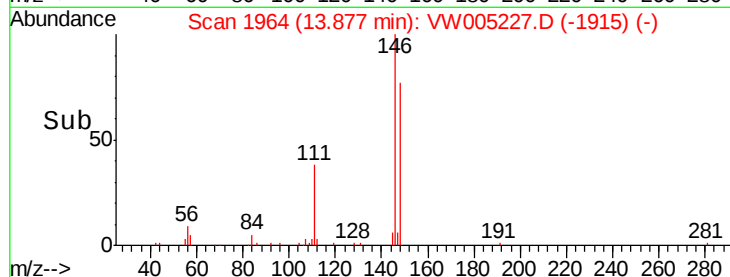
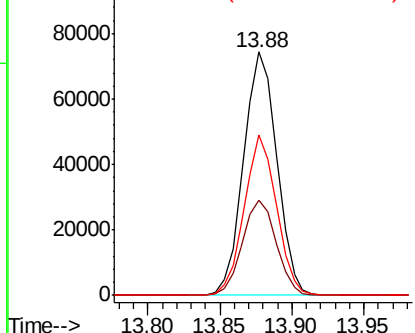
#91
 1,2-Dichlorobenzene
 Concen: 10.394 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	63.6	32.0	96.2

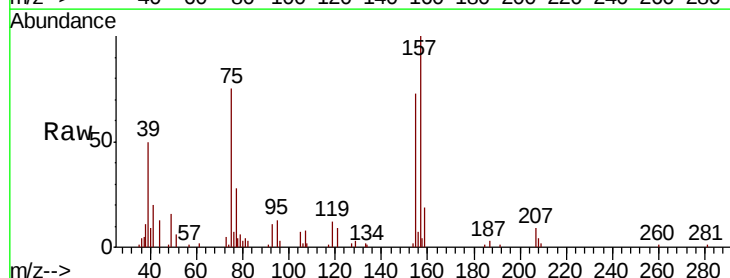


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

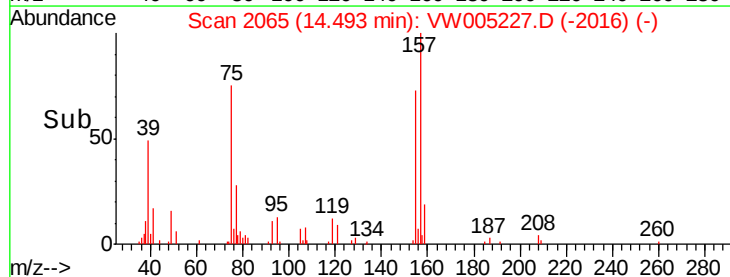
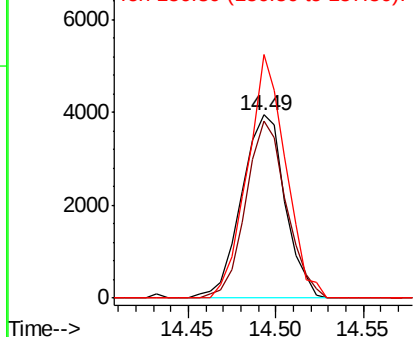


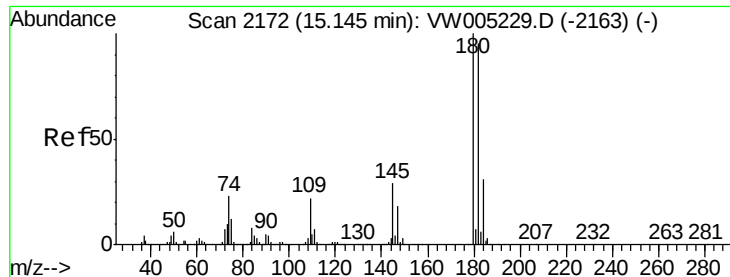
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.736 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.6	136.9
157	117.0	59.6	178.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

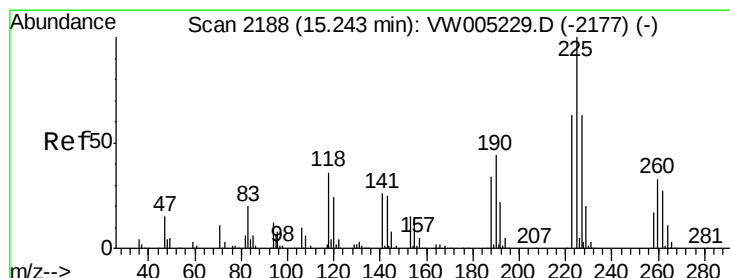
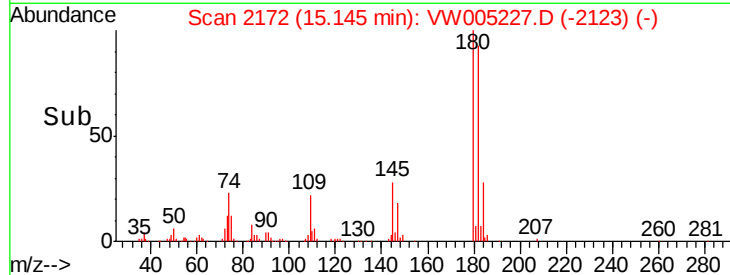
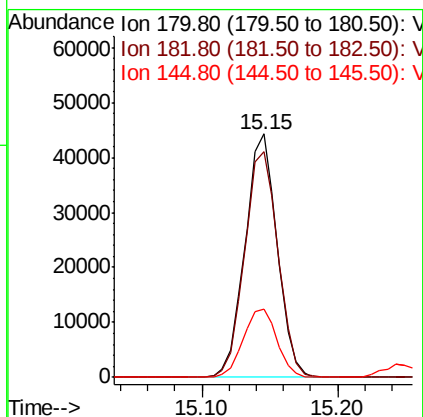
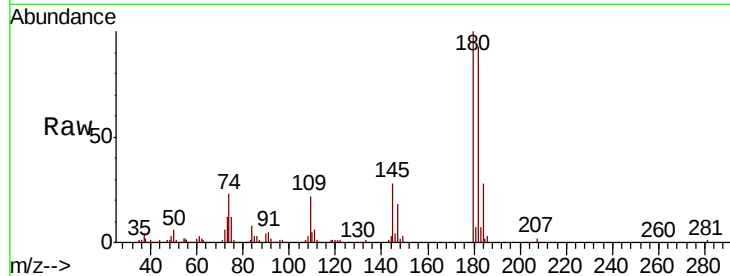




#93
 1,2,4-Trichlorobenzene
 Concen: 9.588 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

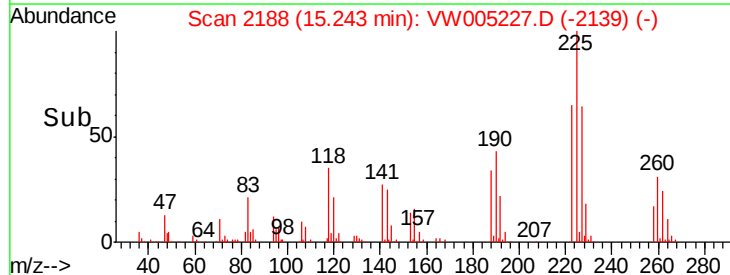
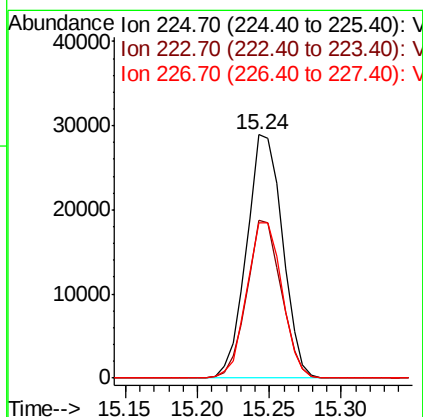
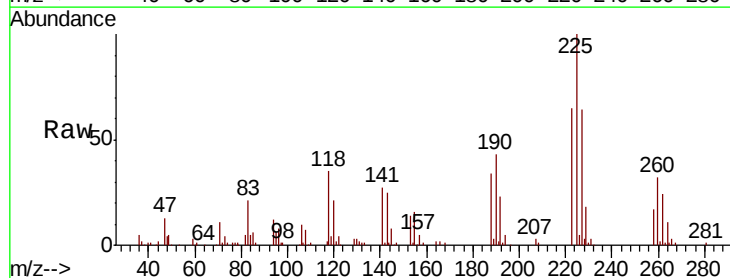
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

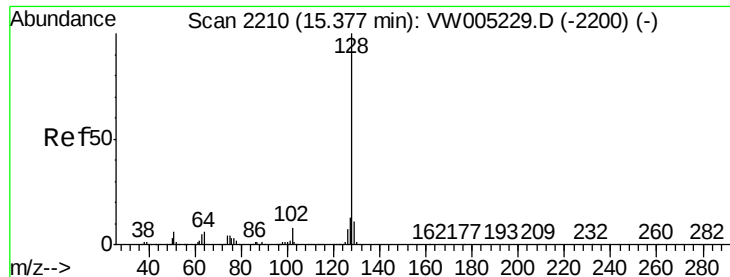
Tgt Ion:180 Resp: 73304
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.8
 145 29.3 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 10.414 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005227.D
 Acq: 08 Sep 2018 00:12

Tgt Ion:225 Resp: 49820
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.2
 227 63.3 31.9 95.9

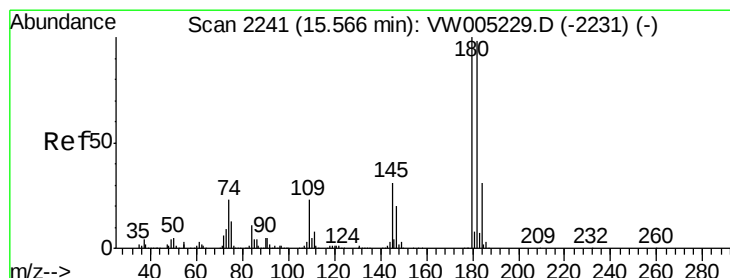
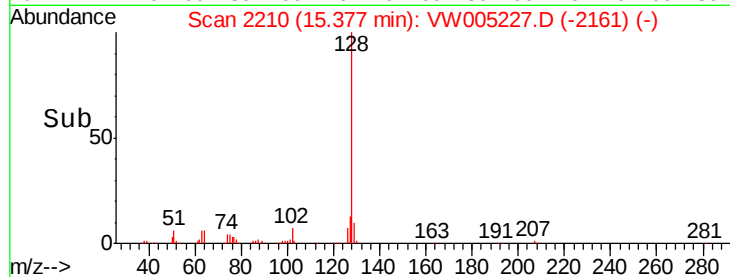
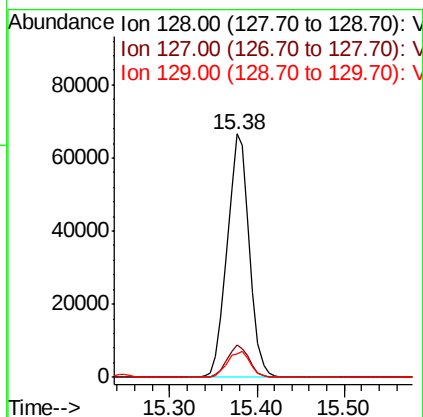
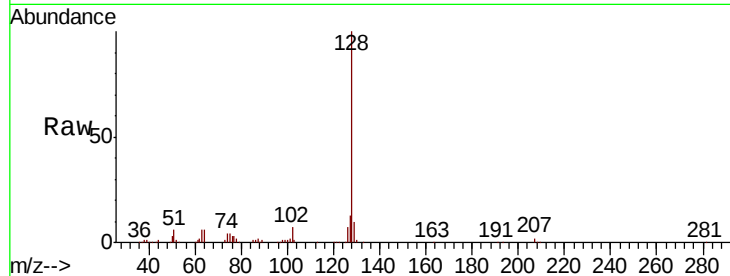




#95
Naphthalene
Concen: 9.621 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 116645
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 10.263 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005227.D
Acq: 08 Sep 2018 00:12

Tgt Ion:180 Resp: 67426
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 30.8 15.3 45.9

