

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005230.D
 Acq On : 08 Sep 2018 01:28
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Sep 08 02:45:11 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	464959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	680662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	661910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351521	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	248967	64.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.16%	
35) Dibromofluoromethane	7.89	113	252668	64.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.28%	
50) Toluene-d8	10.33	98	1279576	70.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.08%	
62) 4-Bromofluorobenzene	12.62	95	461586	71.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	255025	68.271	ug/l	98
3) Chloromethane	2.22	50	361178	67.427	ug/l	99
4) Vinyl Chloride	2.36	62	334597	64.611	ug/l	99
5) Bromomethane	2.75	94	211713	59.410	ug/l	100
6) Chloroethane	2.91	64	191455	60.126	ug/l	100
7) Trichlorofluoromethane	3.26	101	356755	61.313	ug/l	97
8) Diethyl Ether	3.69	74	138776	65.457	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	248650	61.987	ug/l	99
10) Methyl Iodide	4.28	142	354104	69.463	ug/l	100
11) Tert butyl alcohol	5.17	59	109720	391.203	ug/l	98
12) 1,1-Dichloroethene	4.04	96	239778	64.937	ug/l	99
13) Acrolein	3.90	56	108563	426.057	ug/l	98
14) Allyl chloride	4.68	41	380296	65.975	ug/l	99
15) Acrylonitrile	5.37	53	364787	401.031	ug/l	99
16) Acetone	4.13	43	240167	318.665	ug/l	96
17) Carbon Disulfide	4.39	76	905774	70.107	ug/l	99
18) Methyl Acetate	4.68	43	152188	67.752	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	644044	71.225	ug/l	99
20) Methylene Chloride	4.92	84	341039	54.105	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	285083	63.422	ug/l	97
22) Diisopropyl ether	6.32	45	844028	69.460	ug/l	98
23) Vinyl Acetate	6.26	43	2400729	373.963	ug/l	100
24) 1,1-Dichloroethane	6.23	63	475005	62.758	ug/l	99
25) 2-Butanone	7.18	43	402614	310.850	ug/l	98
26) 2,2-Dichloropropane	7.18	77	355573	57.565	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	313860	63.953	ug/l	99
28) Bromochloromethane	7.52	49	182903	60.148	ug/l	100
29) Tetrahydrofuran	7.54	42	283352	412.826	ug/l	99
30) Chloroform	7.68	83	472375	61.159	ug/l	98
31) Cyclohexane	7.96	56	500661	66.926	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	421361	62.584	ug/l	100
36) 1,1-Dichloropropene	8.09	75	422096	66.365	ug/l	100
37) Ethyl Acetate	7.26	43	179670	74.361	ug/l	98
38) Carbon Tetrachloride	8.07	117	376150	62.418	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	564392	73.025	ug/l	100
40) Benzene	8.33	78	1306800	67.045	ug/l	100
41) Methacrylonitrile	7.49	41	100368	72.498	ug/l	94
42) 1,2-Dichloroethane	8.41	62	301185	63.220	ug/l	100
43) Isopropyl Acetate	8.43	43	351238	79.620	ug/l	97
44) Trichloroethene	9.10	130	339441	64.667	ug/l	99
45) 1,2-Dichloropropane	9.38	63	306653	64.591	ug/l	97
46) Dibromomethane	9.46	93	149406	65.795	ug/l	99
47) Bromodichloromethane	9.65	83	355633	62.306	ug/l	99
48) Methyl methacrylate	9.44	41	178249	82.618	ug/l	93
49) 1,4-Dioxane	9.45	88	67354	1805.238	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	995897	348.743	ug/l	98
52) Toluene	10.40	92	915223	69.282	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	398976	70.578	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	459232	67.196	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	239727	67.831	ug/l	99
56) Ethyl methacrylate	10.65	69	346198	84.303	ug/l	100
57) 1,3-Dichloropropane	10.94	76	401020	68.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	741292	387.365	ug/l	99
59) 2-Hexanone	10.98	43	731130	376.840	ug/l	100
60) Dibromochloromethane	11.13	129	272441	68.169	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227215	70.773	ug/l	100
64) Tetrachloroethene	10.87	164	359466	69.532	ug/l	99
65) Chlorobenzene	11.66	112	1007825	68.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	303087	67.537	ug/l	99
67) Ethyl Benzene	11.74	91	1771052	71.469	ug/l	100
68) m/p-Xylenes	11.85	106	1399874	141.252	ug/l	99
69) o-Xylene	12.17	106	664805	72.270	ug/l	99
70) Styrene	12.19	104	1107856	73.133	ug/l	100
71) Bromoform	12.35	173	179064	74.605	ug/l #	98
73) Isopropylbenzene	12.47	105	1786366	73.150	ug/l	100
74) N-amyl acetate	12.28	43	397202	91.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	299189	78.906	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	392948	147.650	ug/l #	100
77) Bromobenzene	12.76	156	424716	70.414	ug/l	97
78) n-propylbenzene	12.81	91	2153166	73.228	ug/l	100
79) 2-Chlorotoluene	12.90	91	1215948	70.717	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1531127	72.845	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	88560	80.920	ug/l	100
82) 4-Chlorotoluene	12.99	91	1268651	69.823	ug/l	100
83) tert-Butylbenzene	13.21	119	1289420	72.803	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1557037	72.737	ug/l	99
85) sec-Butylbenzene	13.39	105	1905586	73.618	ug/l	100
86) p-Isopropyltoluene	13.51	119	1692561	73.925	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	855863	69.217	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	852084	69.357	ug/l	100
89) n-Butylbenzene	13.83	91	1592172	75.173	ug/l	100
90) Hexachloroethane	14.10	117	275375	72.031	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	777659	71.863	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	51808	86.339	ug/l	98

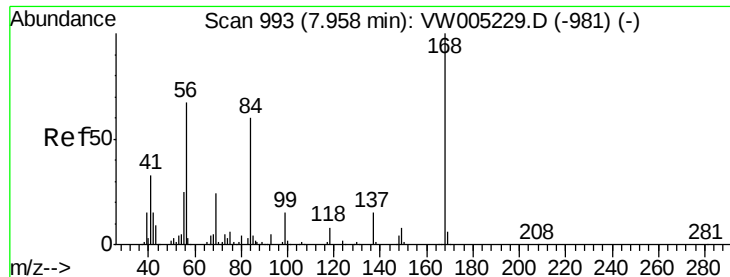
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	553184	76.555	ug/l	100
94) Hexachlorobutadiene	15.24	225	336429	74.404	ug/l	100
95) Naphthalene	15.38	128	1040647	90.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	490386	78.975	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

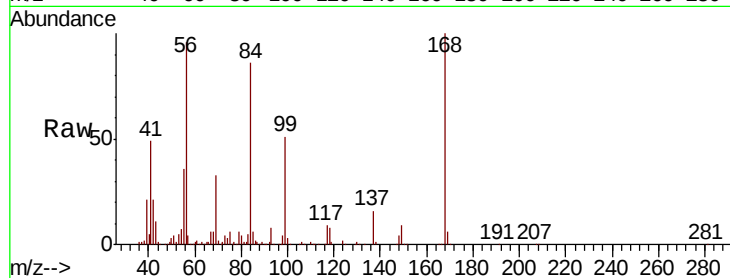
VSTDIC075

Tgt Ion:168 Resp: 464959

Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

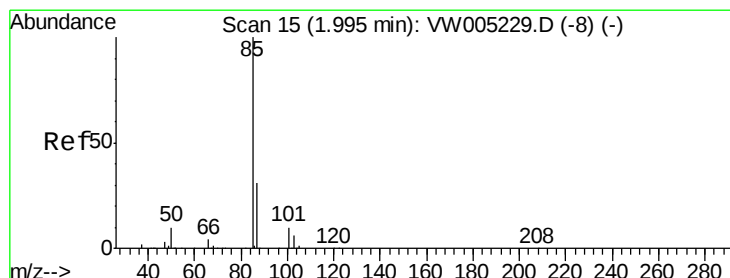
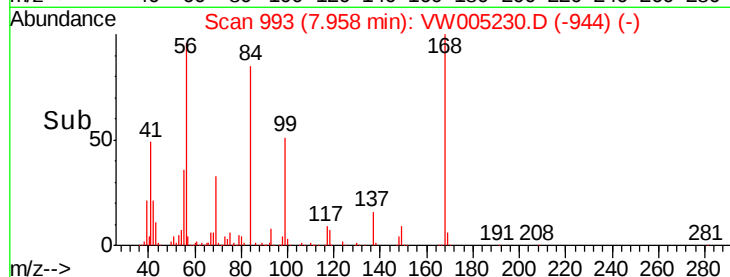
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 68.271 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW005230.D

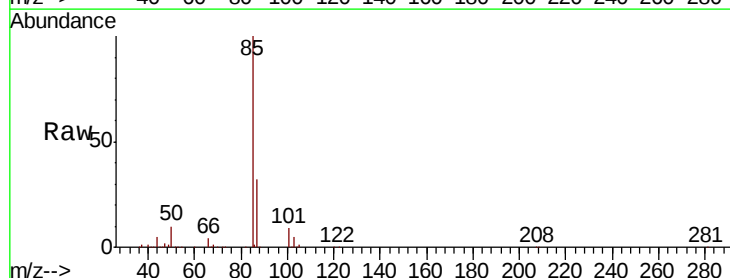
Acq: 08 Sep 2018 01:28

Tgt Ion: 85 Resp: 255025

Ion Ratio Lower Upper

85 100

87 32.3 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

200000

150000

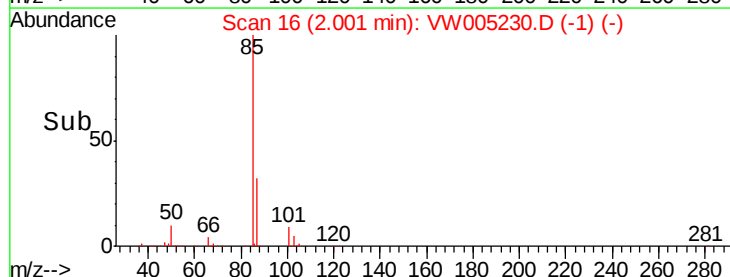
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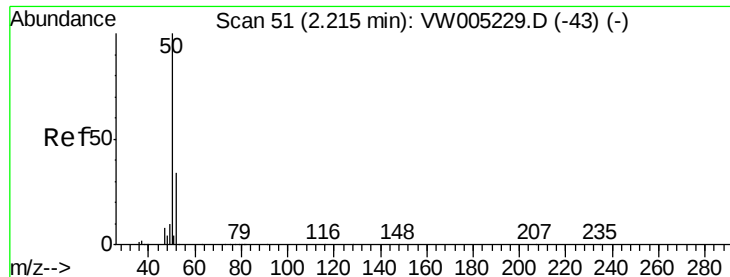
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 67.427 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

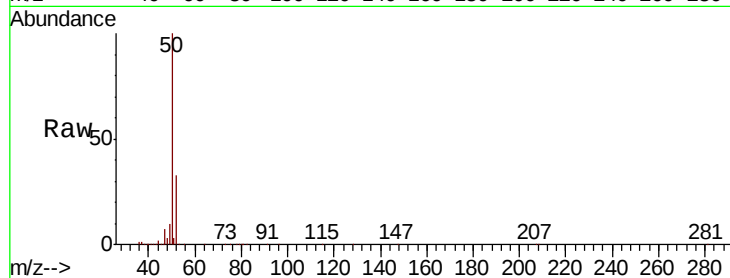
VSTDIC075

Tgt Ion: 50 Resp: 361178

Ion Ratio Lower Upper

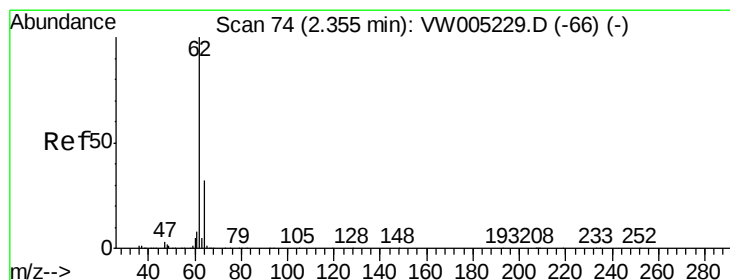
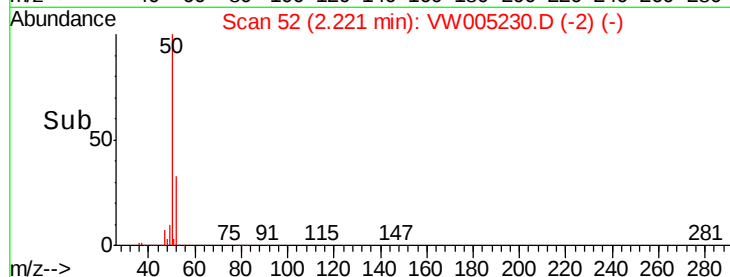
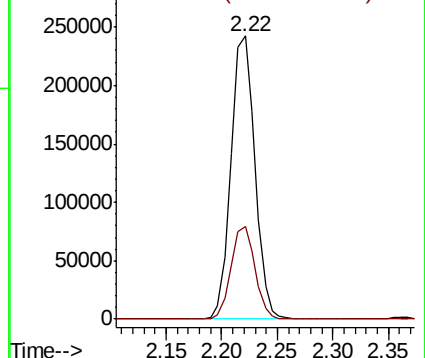
50 100

52 32.9 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: 64.611 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW005230.D

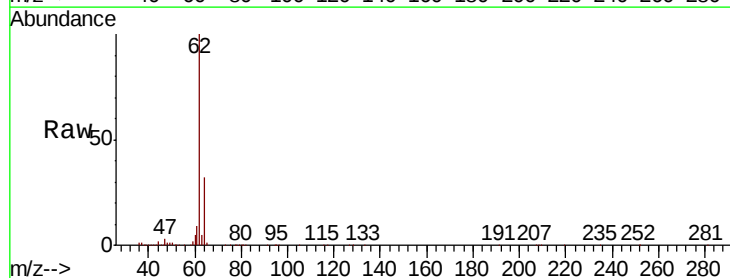
Acq: 08 Sep 2018 01:28

Tgt Ion: 62 Resp: 334597

Ion Ratio Lower Upper

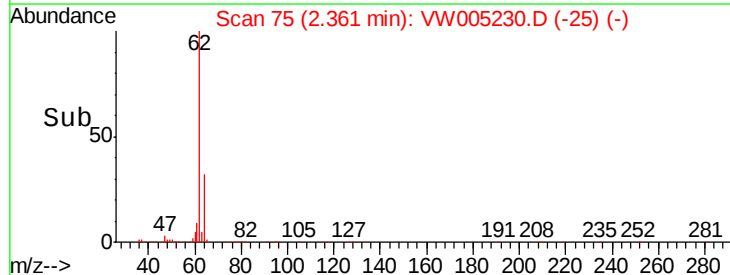
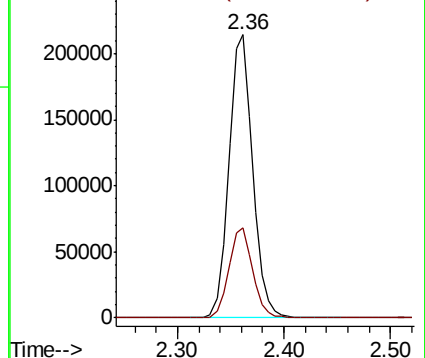
62 100

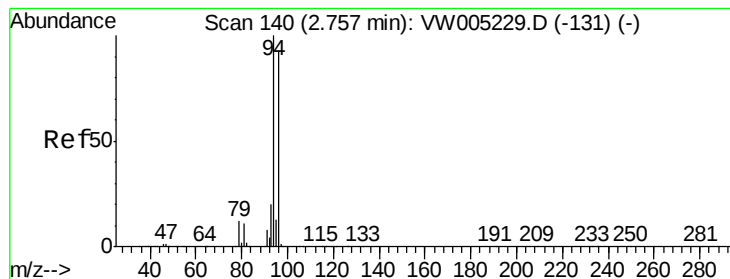
64 32.0 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 59.410 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

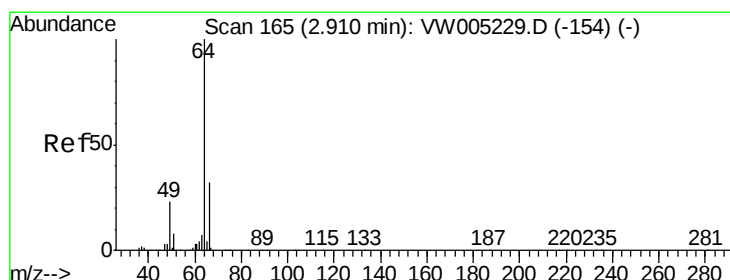
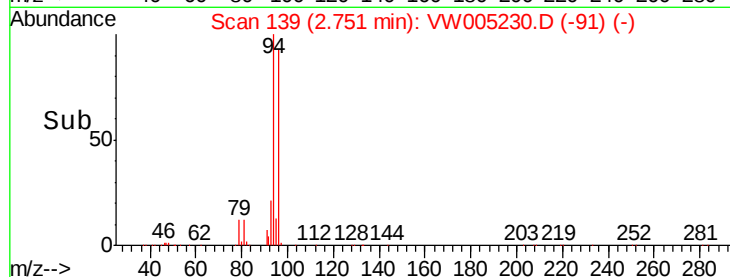
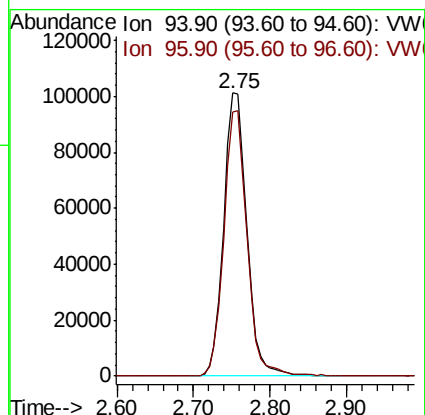
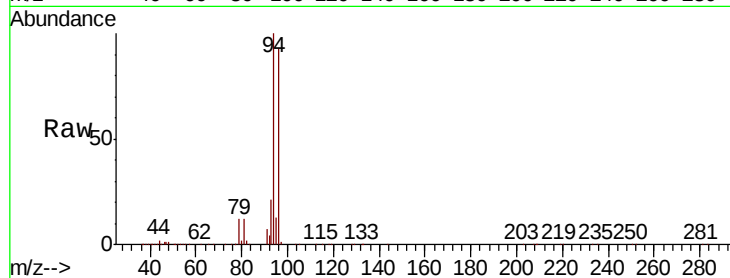
VSTDIC075

Tgt Ion: 94 Resp: 211713

Ion Ratio Lower Upper

94 100

96 93.2 74.6 112.0



#6

Chloroethane

Concen: 60.126 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW005230.D

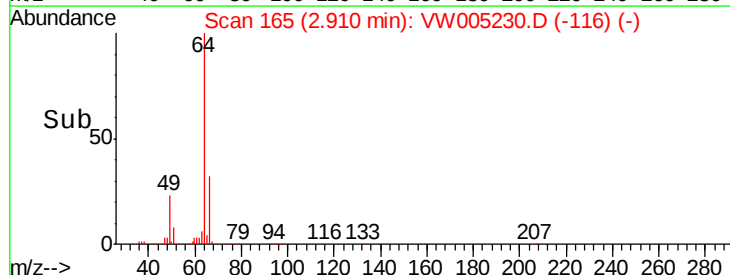
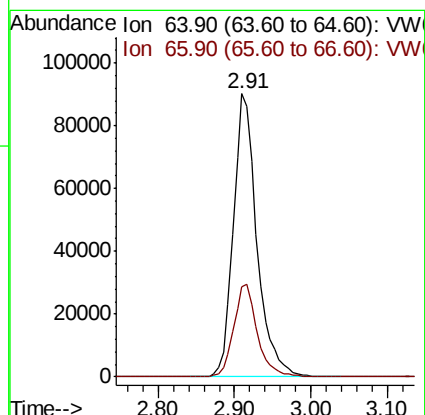
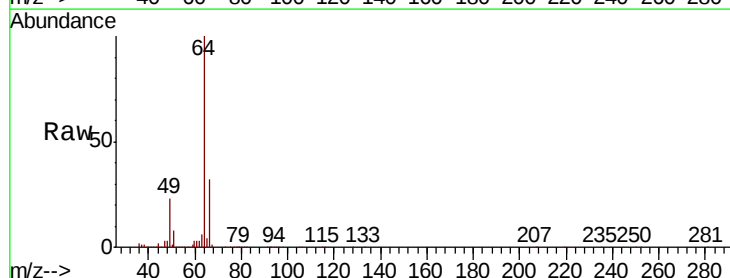
Acq: 08 Sep 2018 01:28

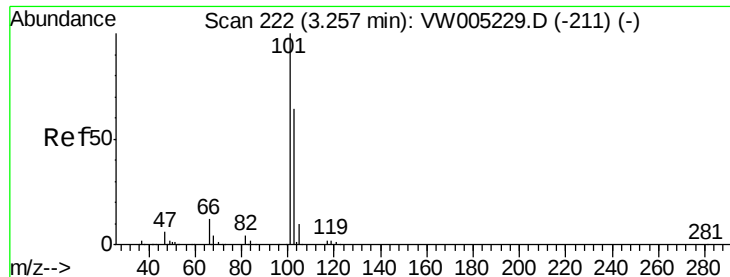
Tgt Ion: 64 Resp: 191455

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



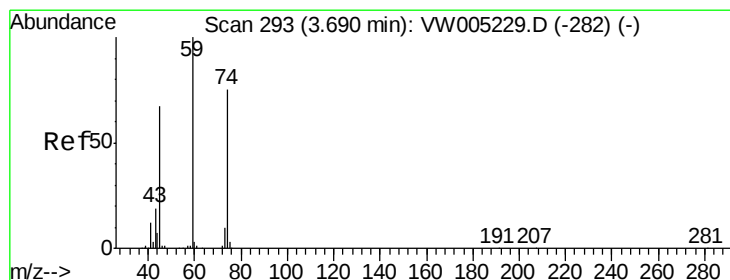
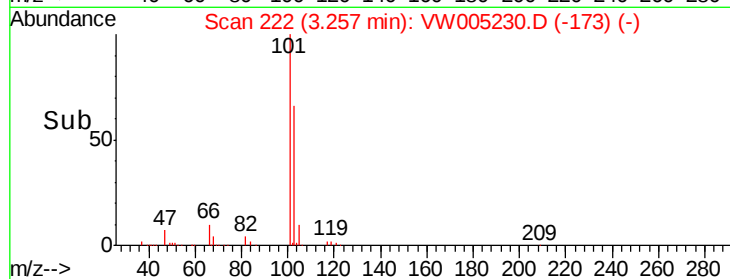
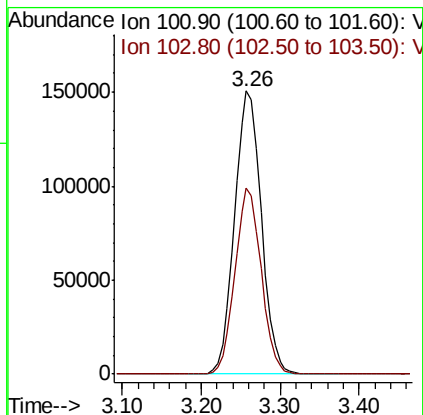
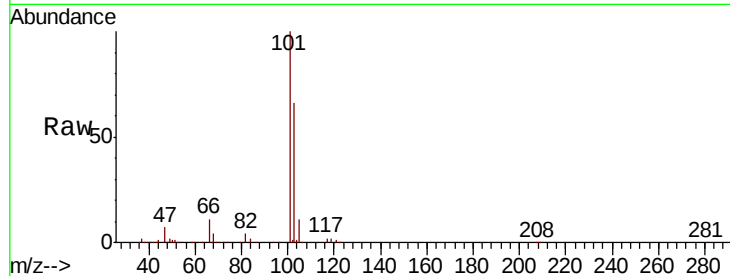


#7

Trichlorofluoromethane
 Concen: 61.313 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
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 VSTDIC075

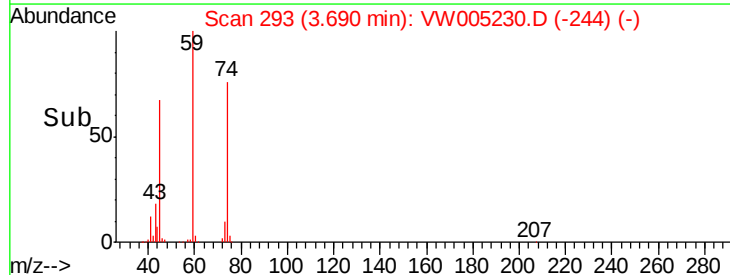
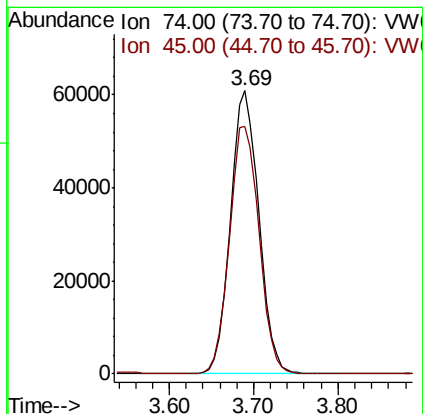
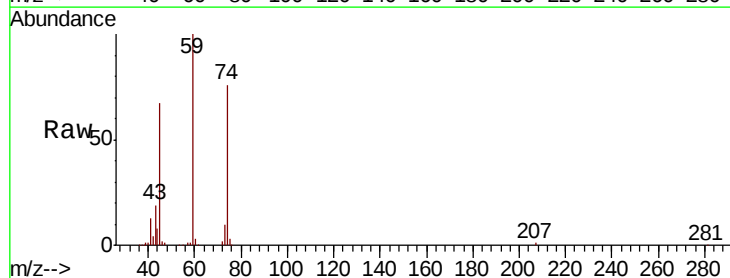
Tgt Ion: 101 Resp: 356755
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6

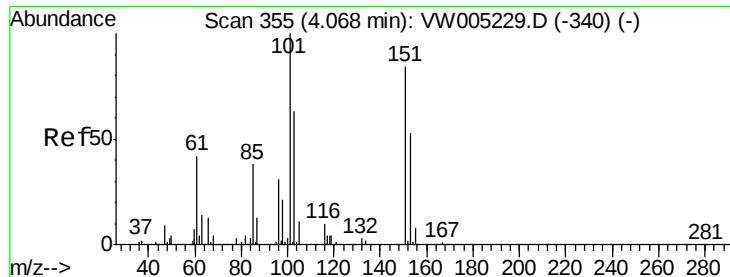


#8

Diethyl Ether
 Concen: 65.457 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 74 Resp: 138776
 Ion Ratio Lower Upper
 74 100
 45 91.4 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.987 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

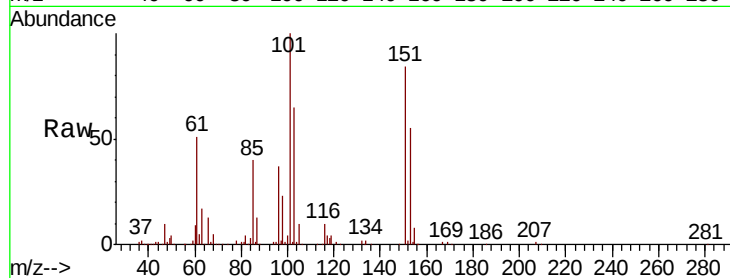
Tgt Ion:101 Resp: 248650

Ion Ratio Lower Upper

101 100

85 41.7 32.5 48.7

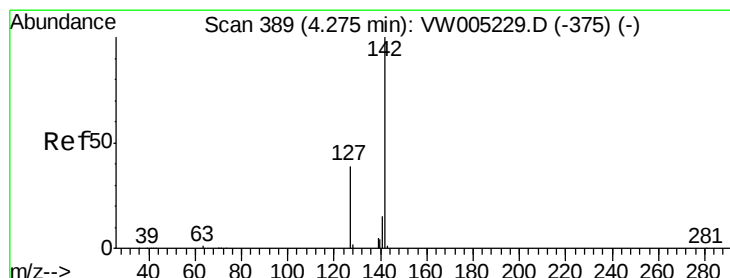
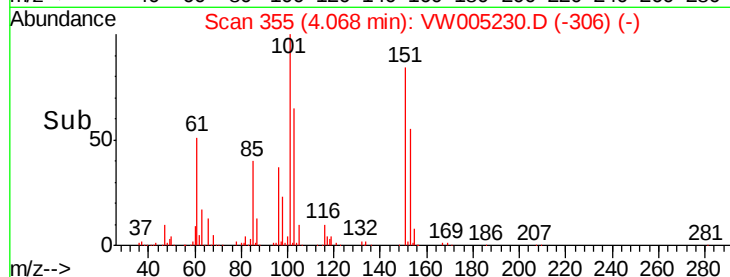
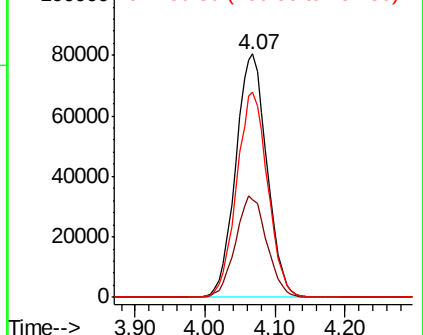
151 84.2 67.7 101.5



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: 69.463 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

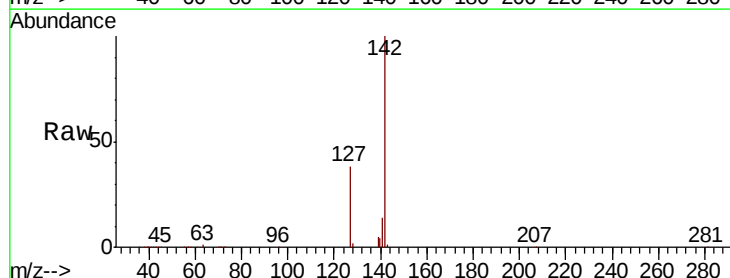
Tgt Ion:142 Resp: 354104

Ion Ratio Lower Upper

142 100

127 38.0 30.6 45.8

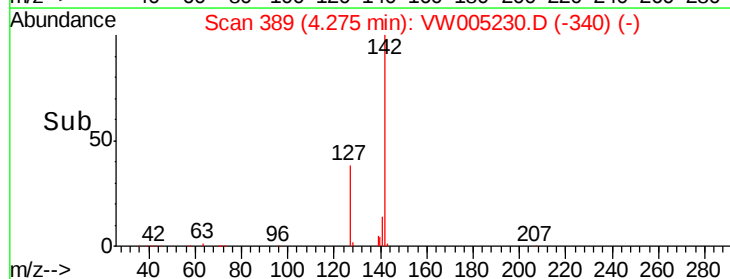
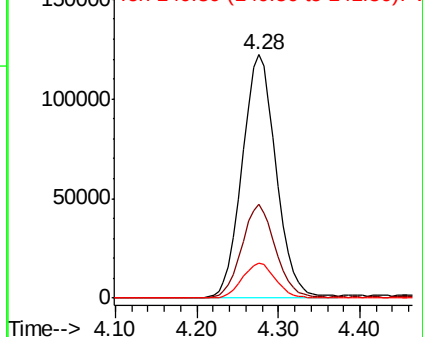
141 14.1 11.6 17.4

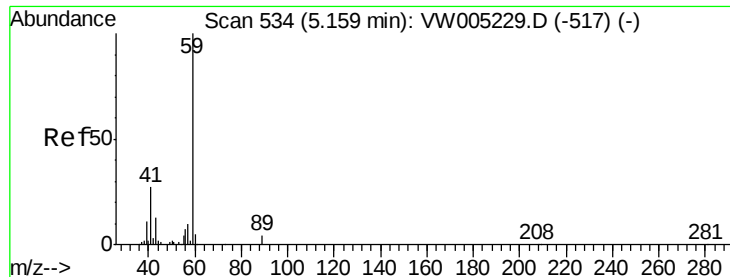


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



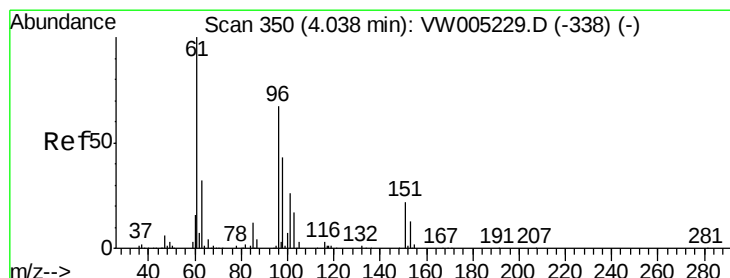
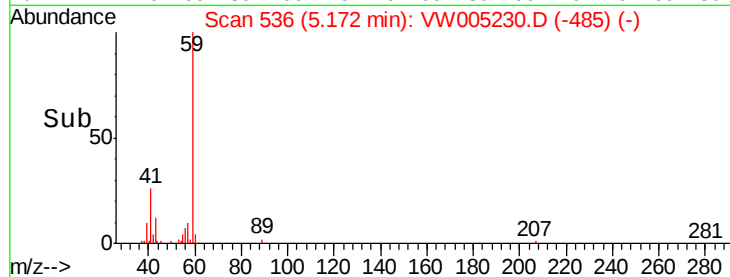
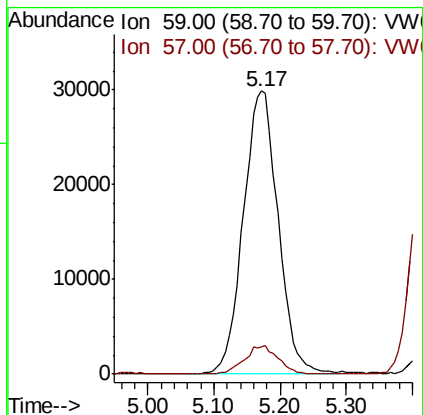
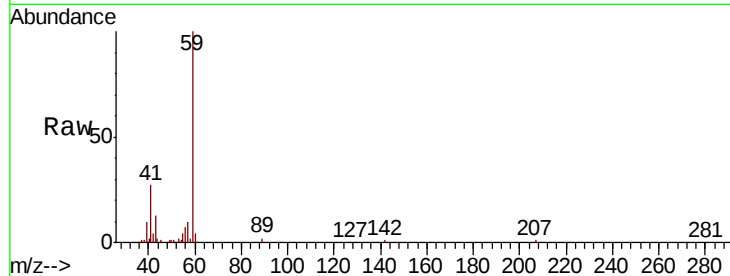


#11

Tert butyl alcohol
Concen: 391.203 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

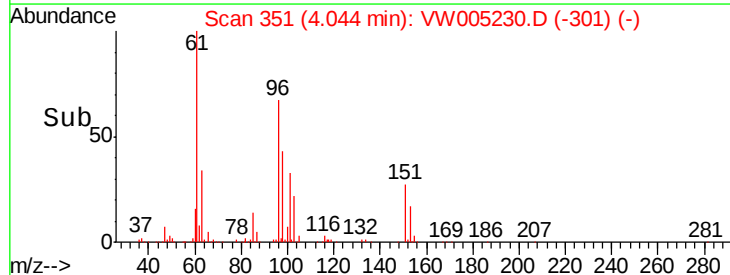
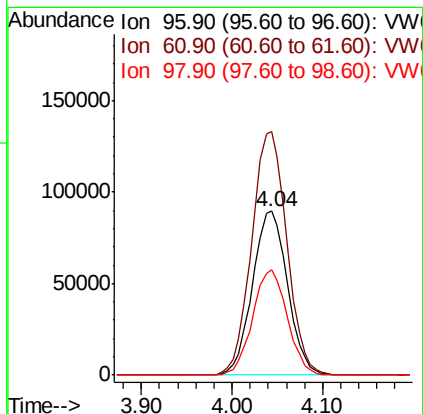
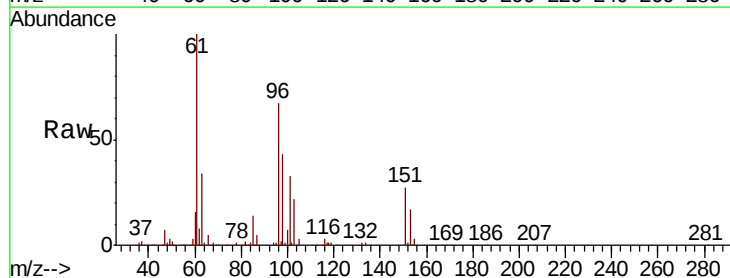
Tgt Ion: 59 Resp: 109720
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

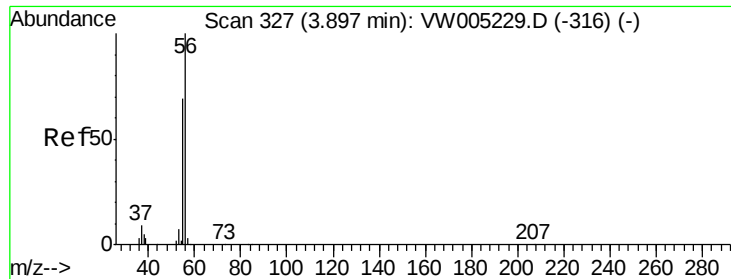


#12

1,1-Dichloroethene
Concen: 64.937 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 96 Resp: 239778
Ion Ratio Lower Upper
96 100
61 148.4 120.3 180.5
98 64.2 51.9 77.9

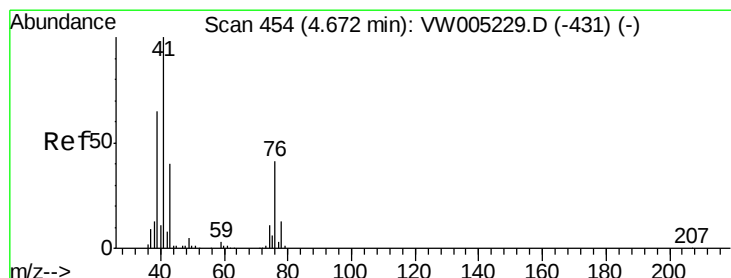
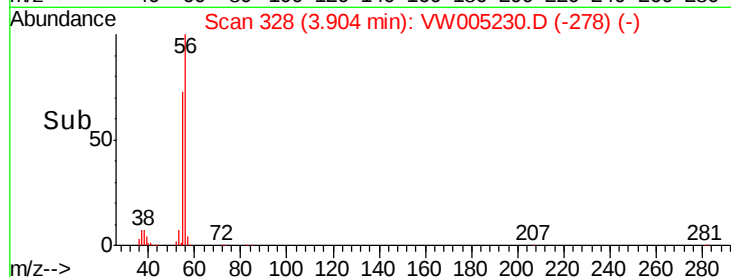
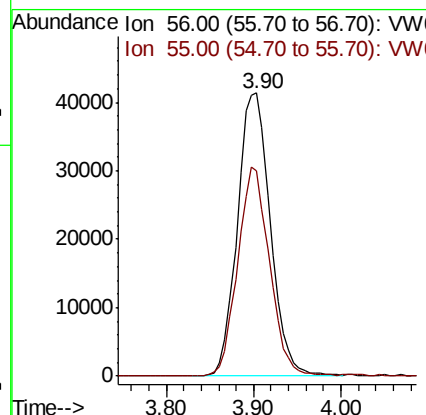
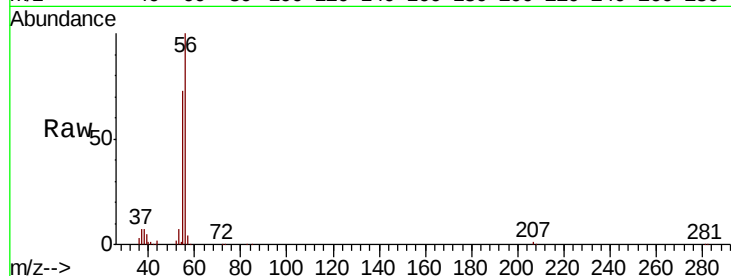




#13
 Acrolein
 Concen: 426.057 ug/l
 RT: 3.90 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

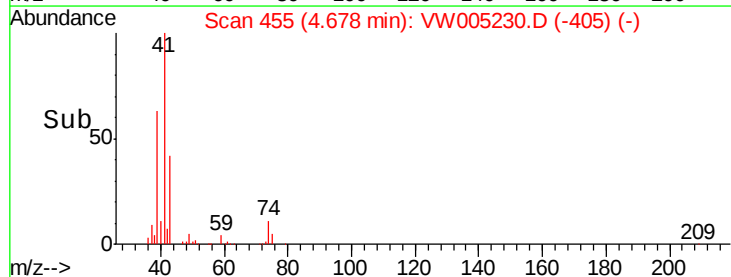
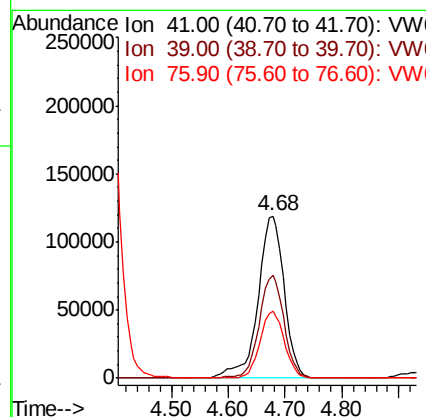
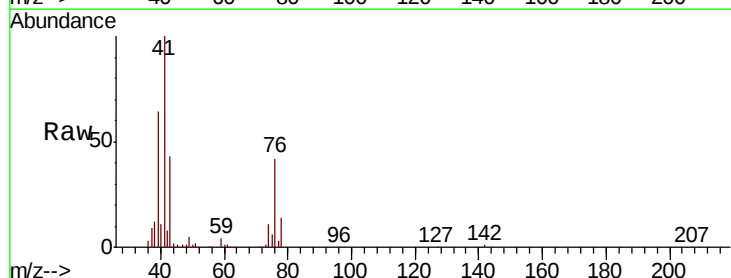
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

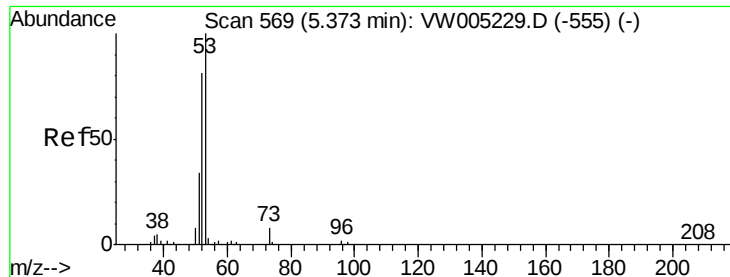
Tgt Ion: 56 Resp: 108563
 Ion Ratio Lower Upper
 56 100
 55 71.4 55.7 83.5



#14
 Allyl chloride
 Concen: 65.975 ug/l
 RT: 4.68 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 41 Resp: 380296
 Ion Ratio Lower Upper
 41 100
 39 60.3 49.1 73.7
 76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 401.031 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

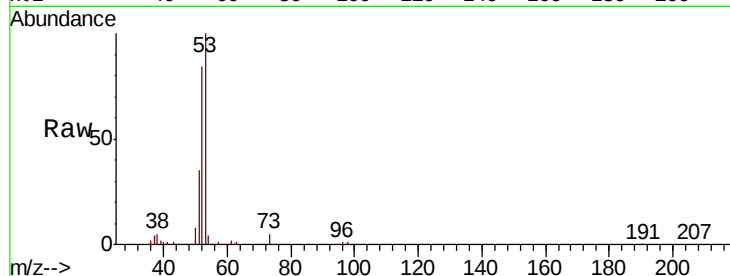
Tgt Ion: 53 Resp: 364787

Ion Ratio Lower Upper

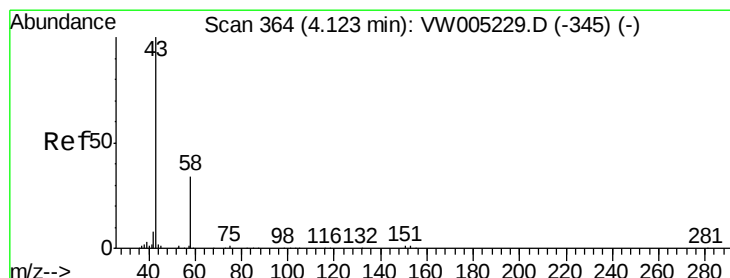
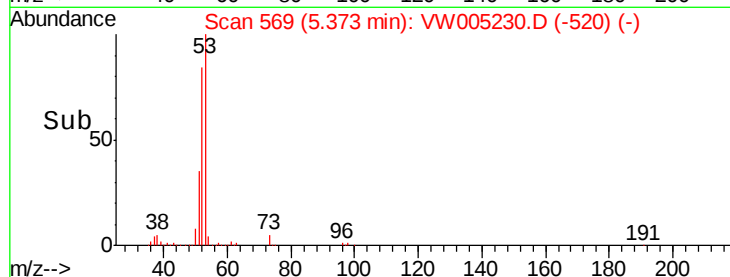
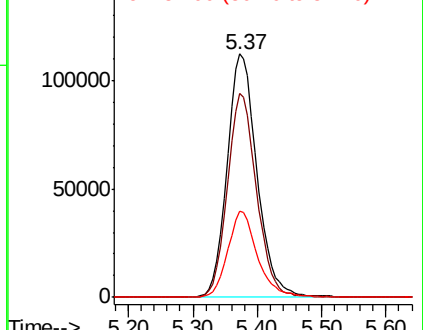
53 100

52 82.0 64.9 97.3

51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 318.665 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW005230.D

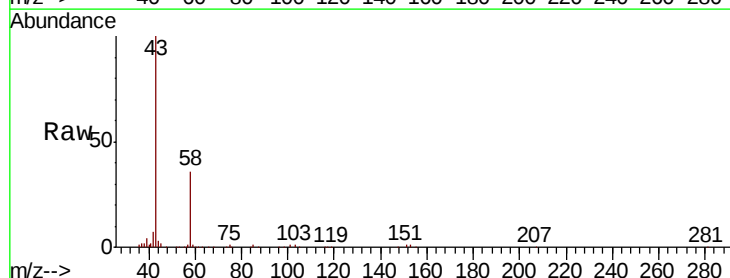
Acq: 08 Sep 2018 01:28

Tgt Ion: 43 Resp: 240167

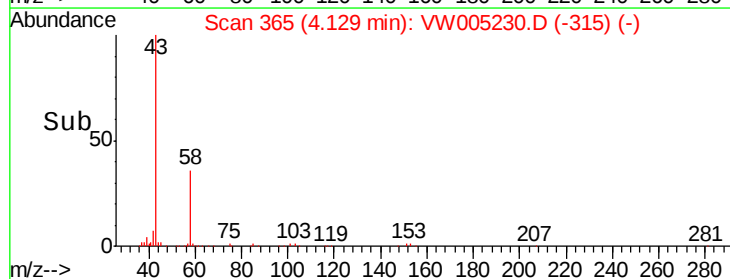
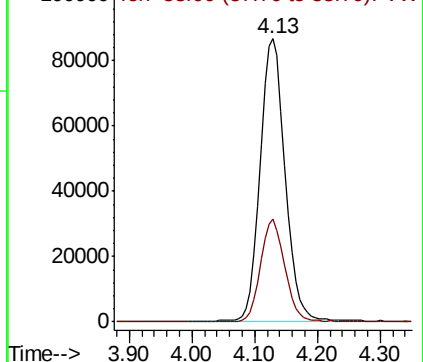
Ion Ratio Lower Upper

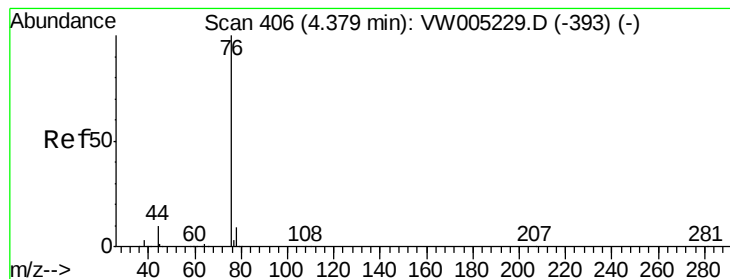
43 100

58 36.1 27.0 40.4



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





#17

Carbon Disulfide

Concen: 70.107 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

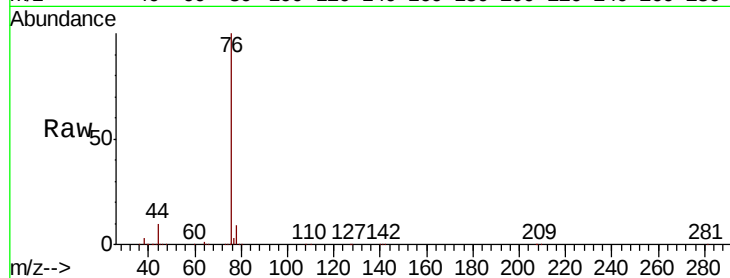
VSTDIC075

Tgt Ion: 76 Resp: 905774

Ion Ratio Lower Upper

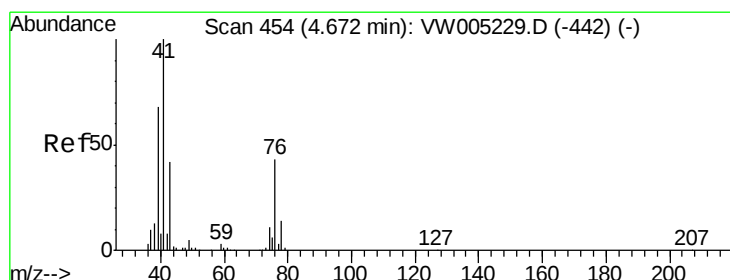
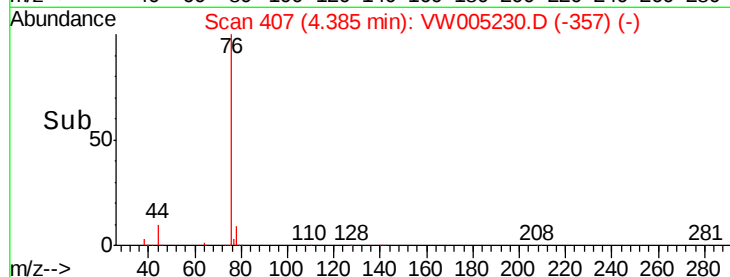
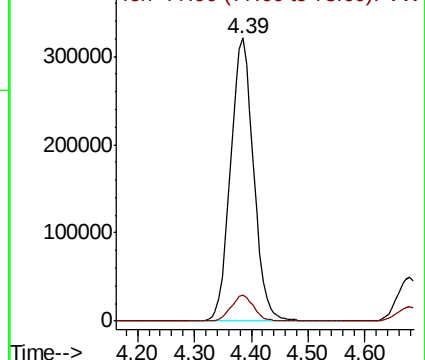
76 100

78 9.2 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: 67.752 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005230.D

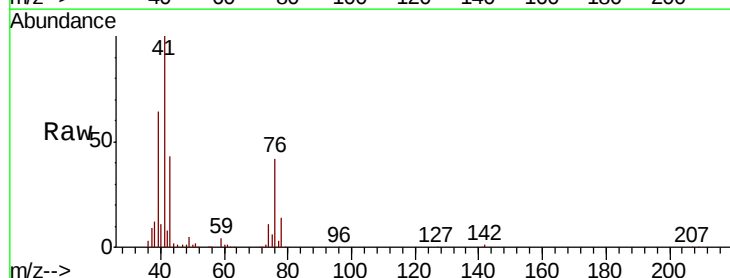
Acq: 08 Sep 2018 01:28

Tgt Ion: 43 Resp: 152188

Ion Ratio Lower Upper

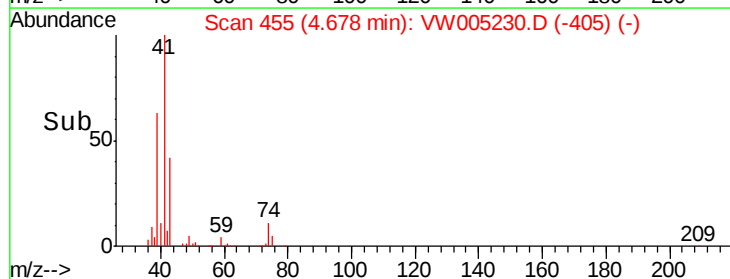
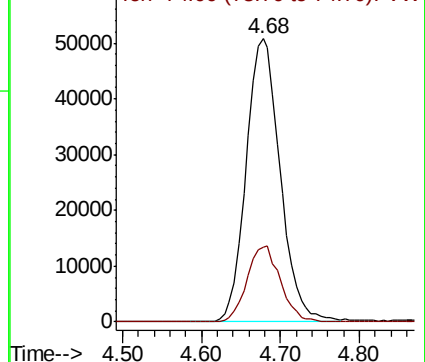
43 100

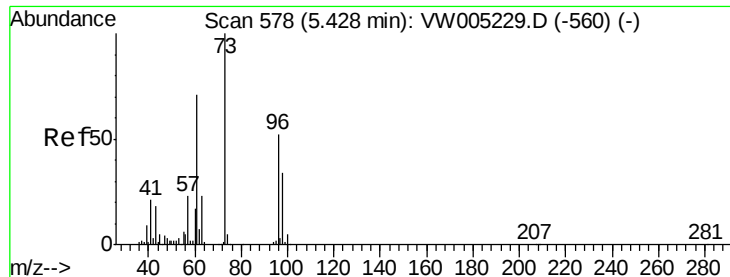
74 26.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



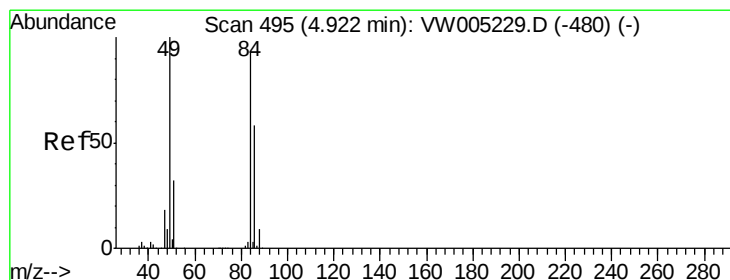
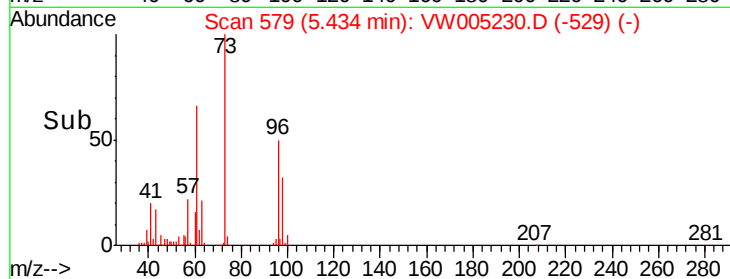
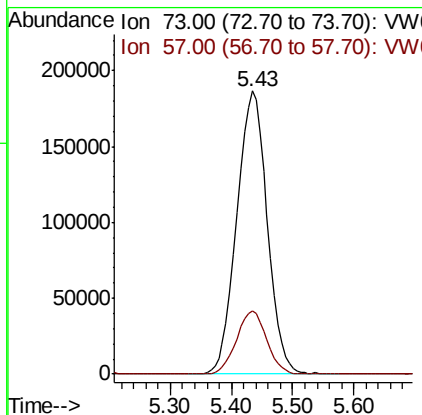
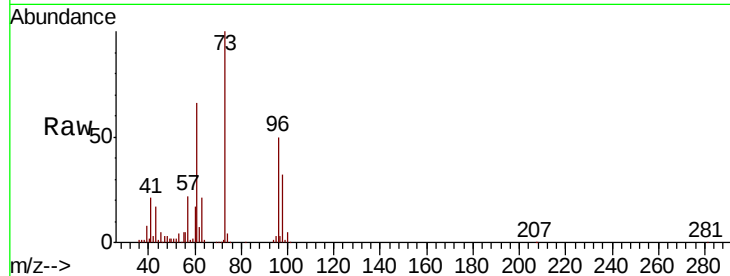


#19

Methyl tert-butyl Ether
 Concen: 71.225 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

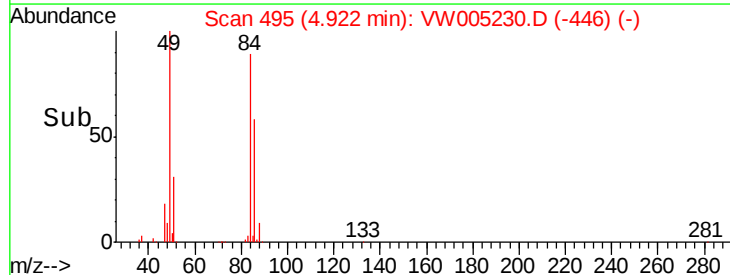
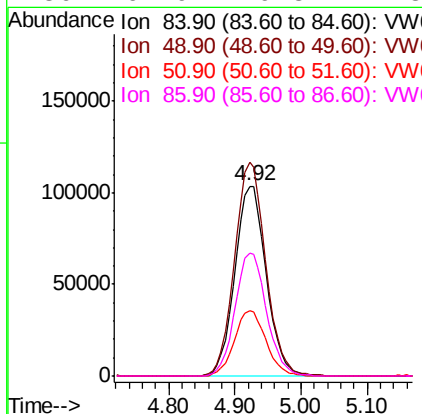
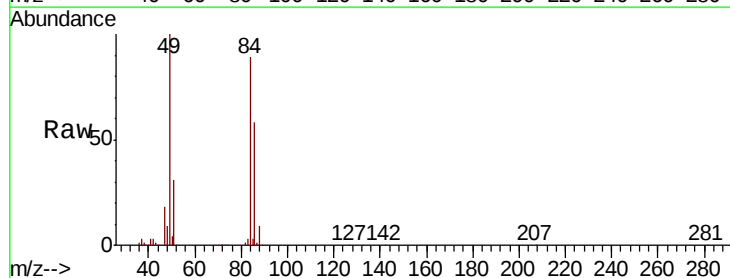
Tgt Ion: 73 Resp: 644044
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.2 27.2

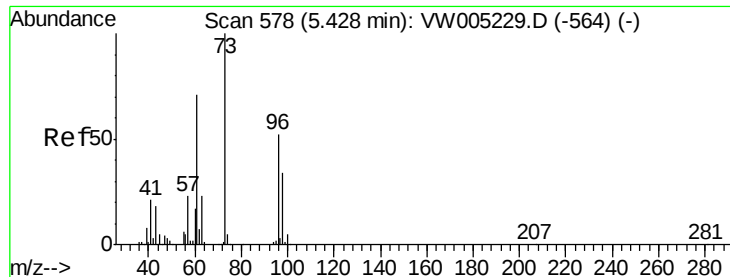


#20

Methylene Chloride
 Concen: 54.105 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 84 Resp: 341039
 Ion Ratio Lower Upper
 84 100
 49 112.6 85.8 128.6
 51 34.5 27.7 41.5
 86 64.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 63.422 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

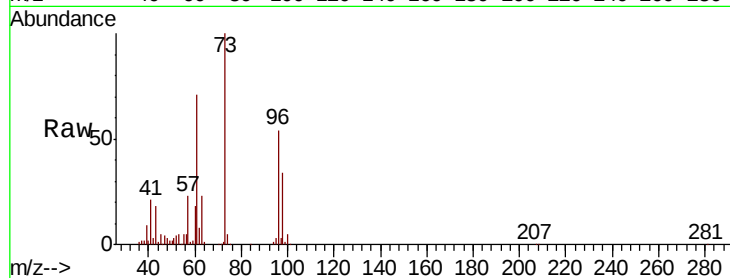
Tgt Ion: 96 Resp: 285083

Ion Ratio Lower Upper

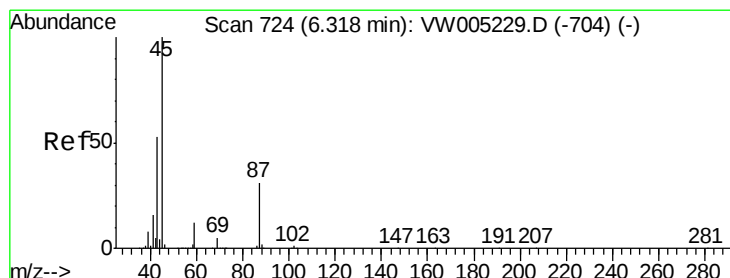
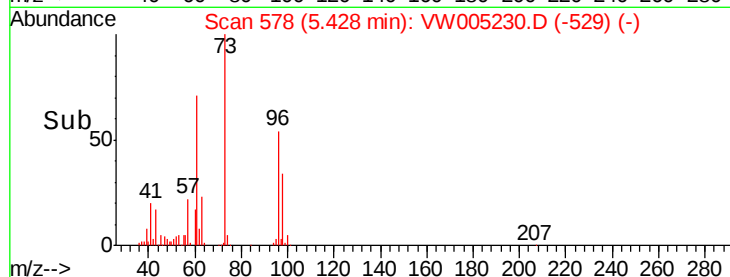
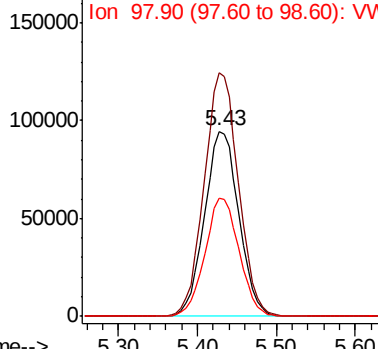
96 100

61 131.4 108.2 162.4

98 63.6 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: 69.460 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion: 45 Resp: 844028

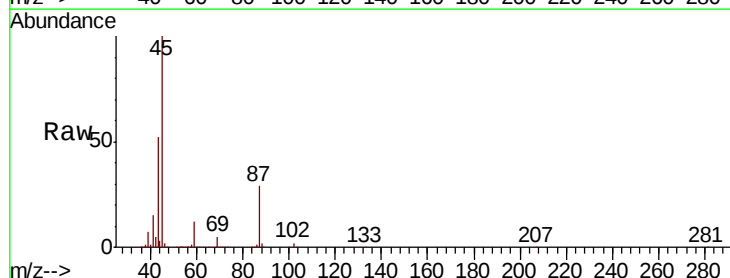
Ion Ratio Lower Upper

45 100

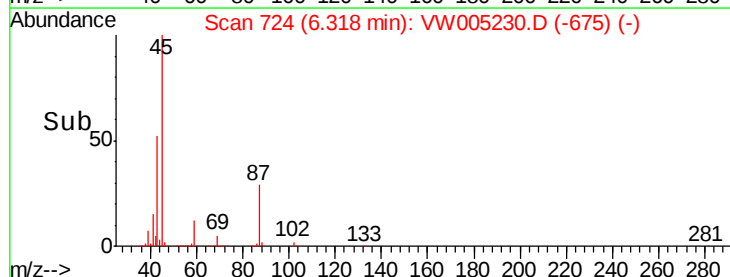
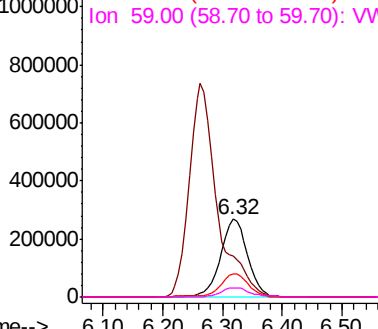
43 52.3 42.5 63.7

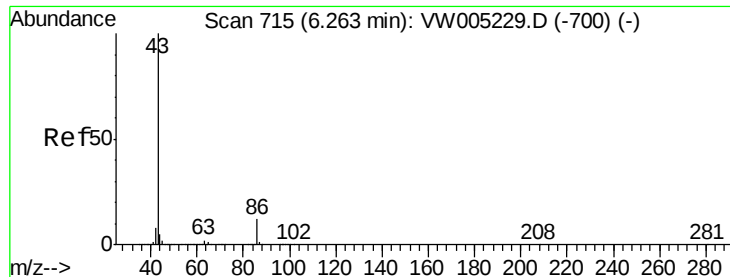
87 29.0 24.7 37.1

59 11.5 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: 373.963 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

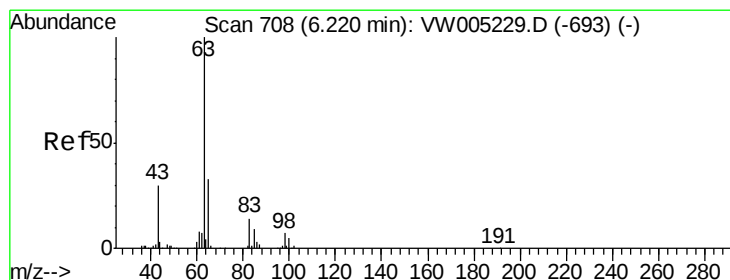
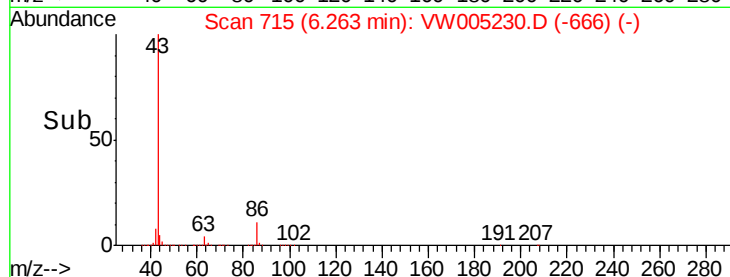
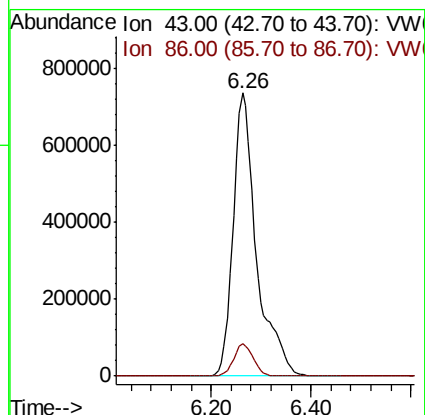
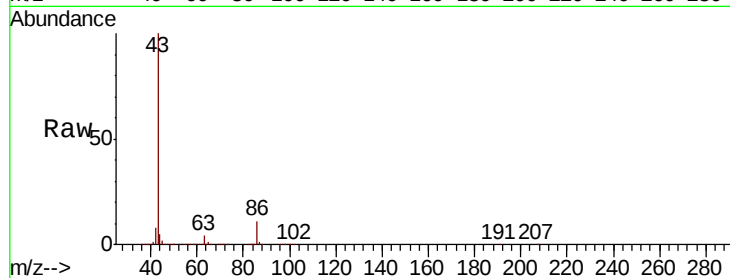
VSTDIC075

Tgt Ion: 43 Resp: 2400729

Ion Ratio Lower Upper

43 100

86 11.4 9.3 13.9



#24

1,1-Dichloroethane

Concen: 62.758 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

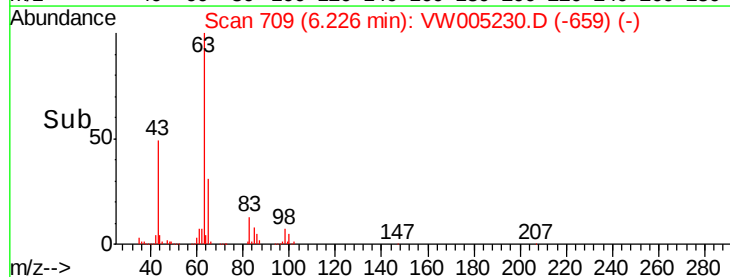
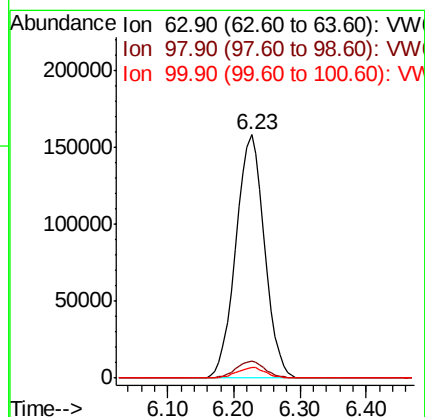
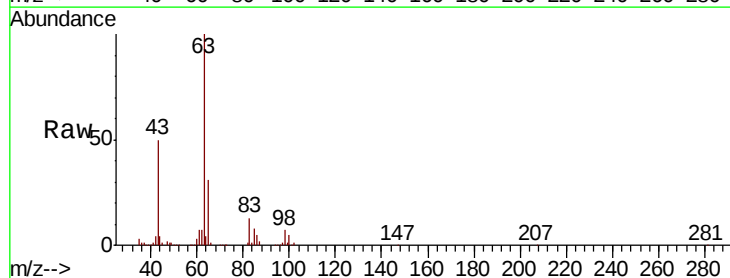
Tgt Ion: 63 Resp: 475005

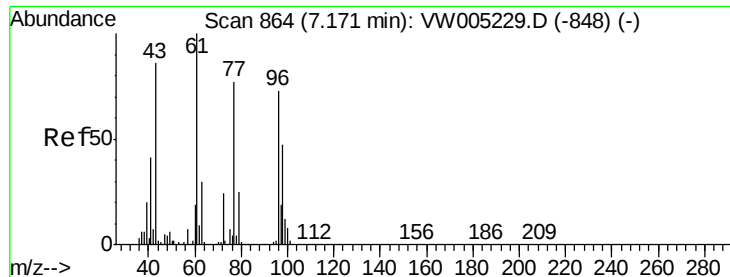
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 310.850 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

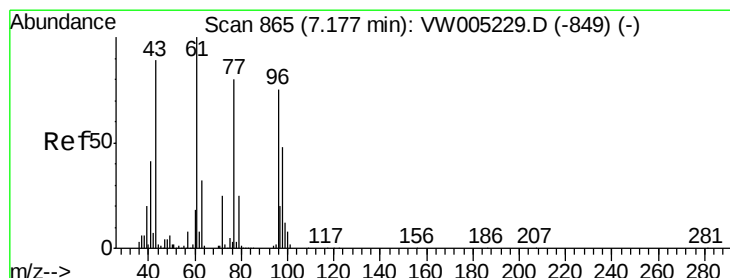
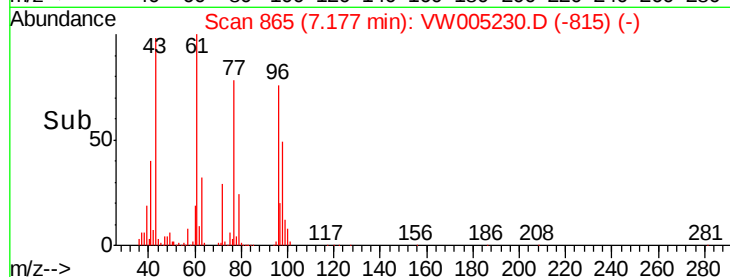
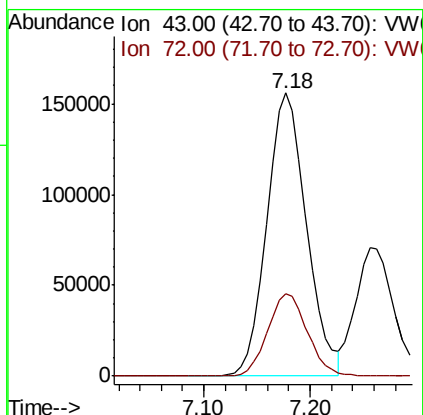
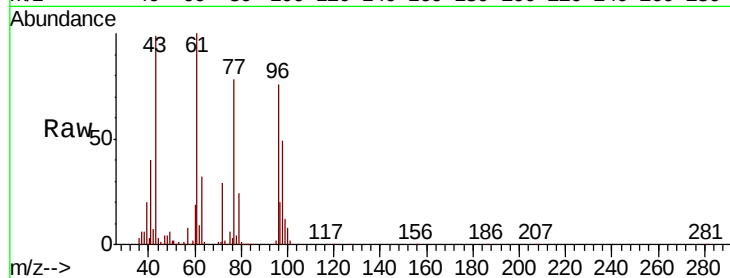
VSTDIC075

Tgt Ion: 43 Resp: 402614

Ion Ratio Lower Upper

43 100

72 29.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 57.565 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005230.D

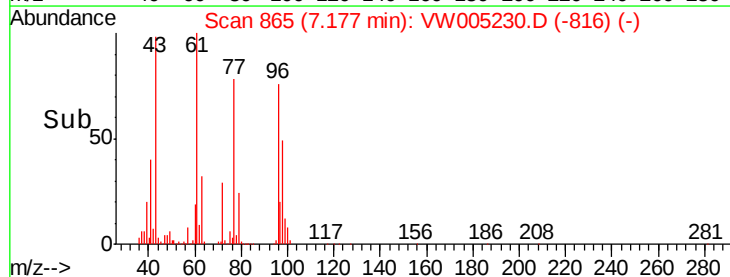
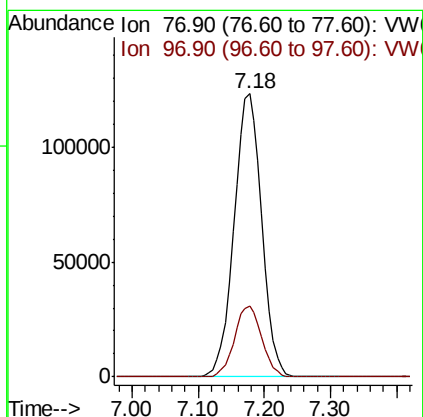
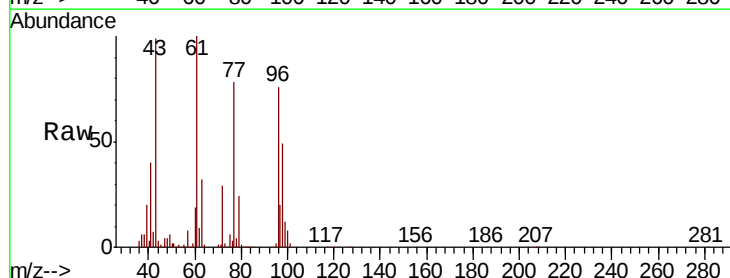
Acq: 08 Sep 2018 01:28

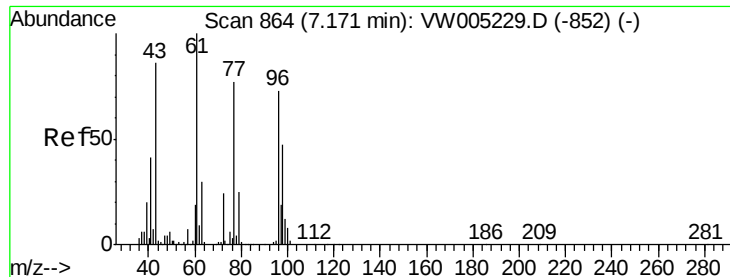
Tgt Ion: 77 Resp: 355573

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.9



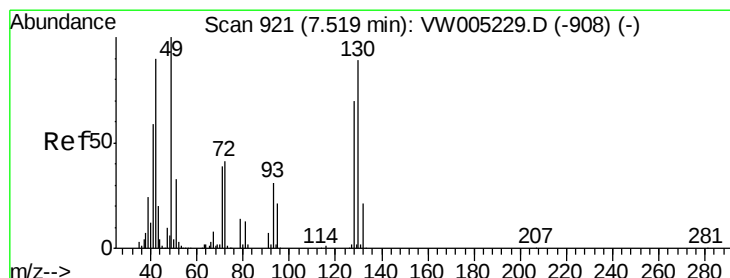
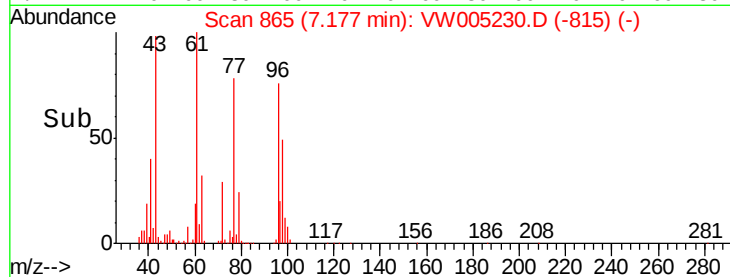
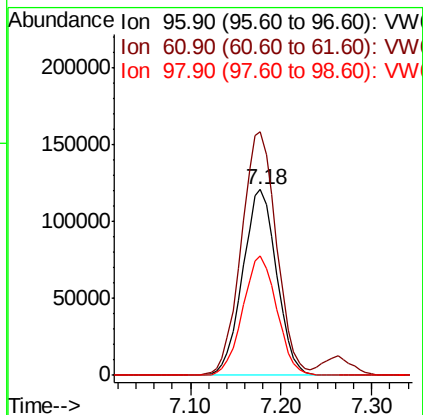
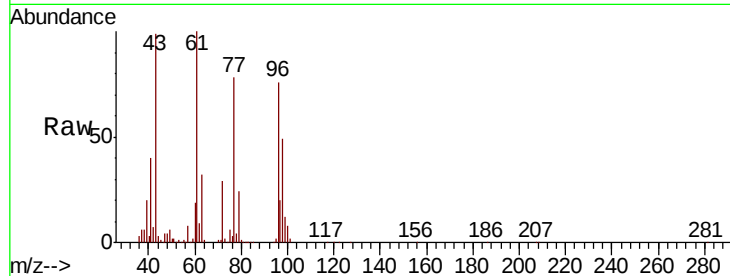


#27

cis-1,2-Dichloroethene
Concen: 63.953 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

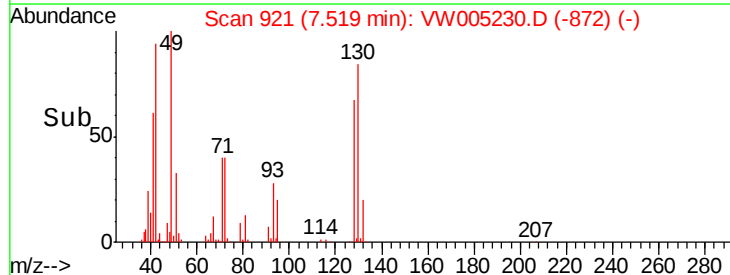
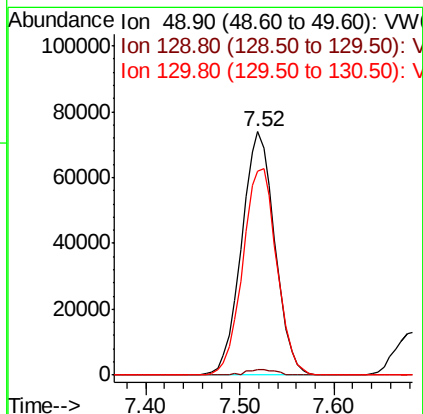
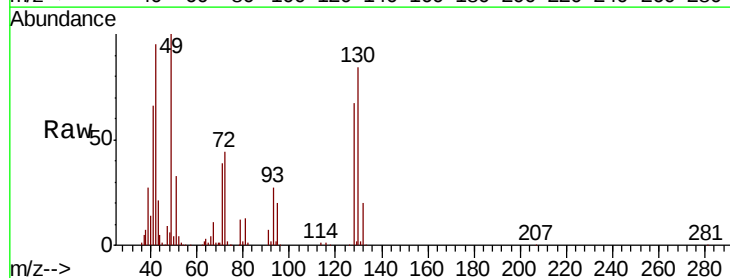
Tgt Ion: 96 Resp: 313860
Ion Ratio Lower Upper
96 100
61 135.4 0.0 274.6
98 64.2 0.0 129.6

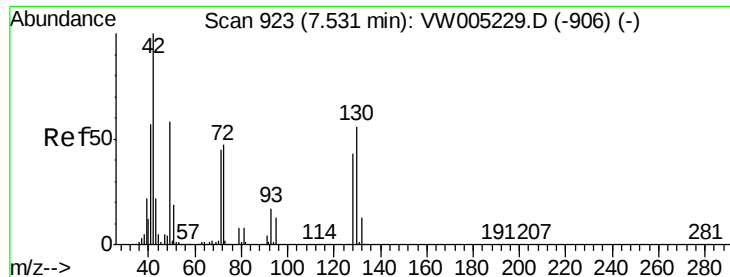


#28

Bromochloromethane
Concen: 60.148 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 49 Resp: 182903
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 87.0 70.0 105.0





#29

Tetrahydrofuran

Concen: 412.826 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

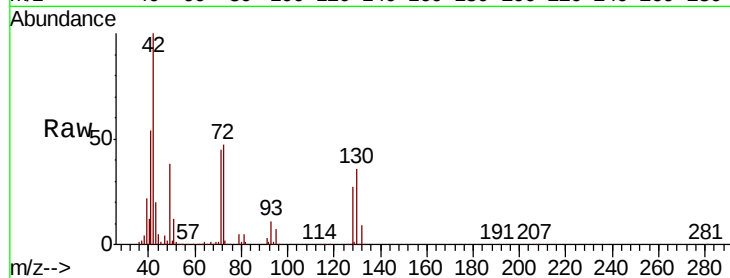
Tgt Ion: 42 Resp: 283352

Ion Ratio Lower Upper

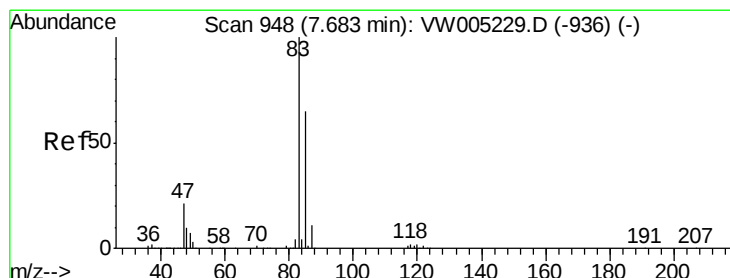
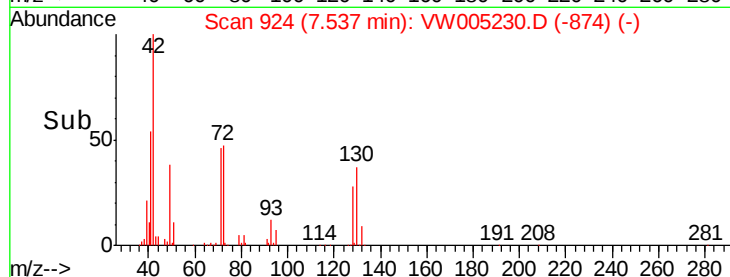
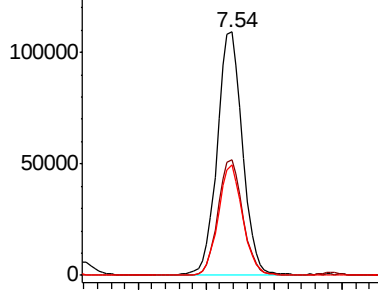
42 100

72 46.7 37.4 56.2

71 43.8 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: 61.159 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW005230.D

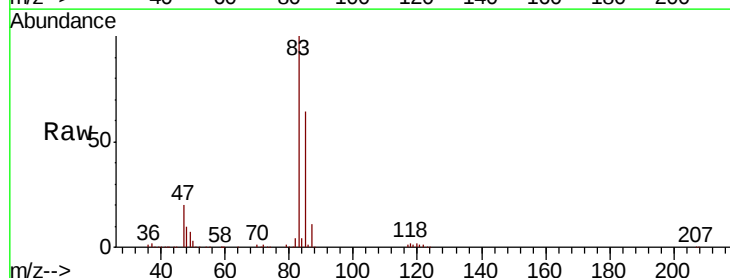
Acq: 08 Sep 2018 01:28

Tgt Ion: 83 Resp: 472375

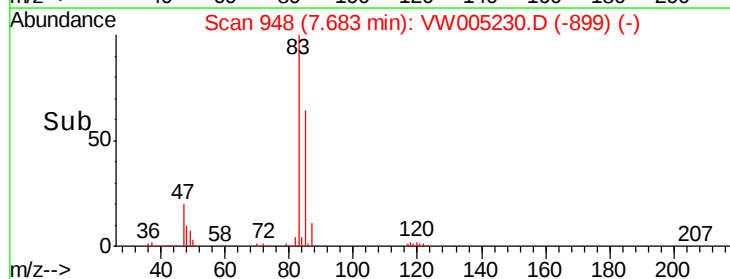
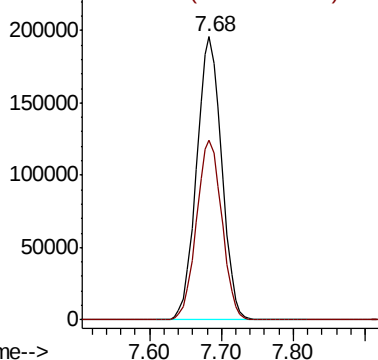
Ion Ratio Lower Upper

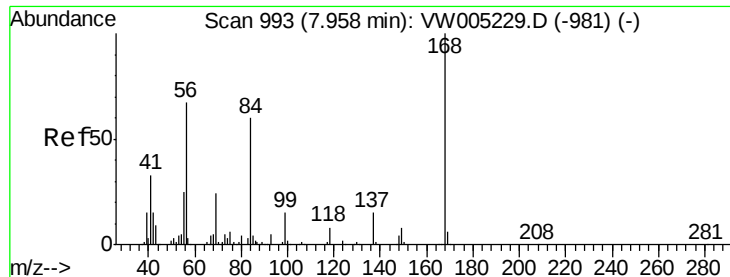
83 100

85 63.7 51.9 77.9



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

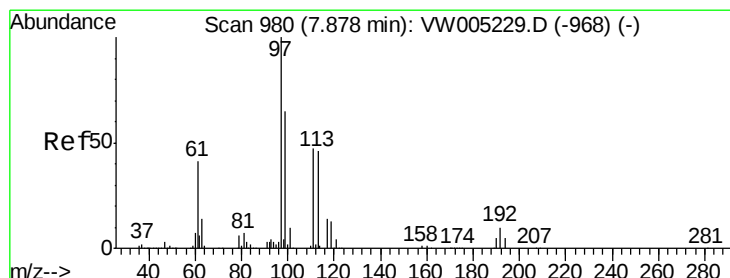
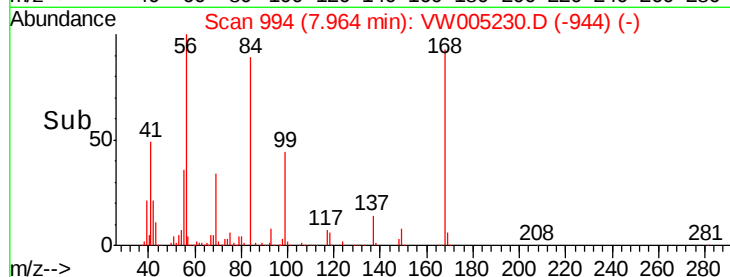
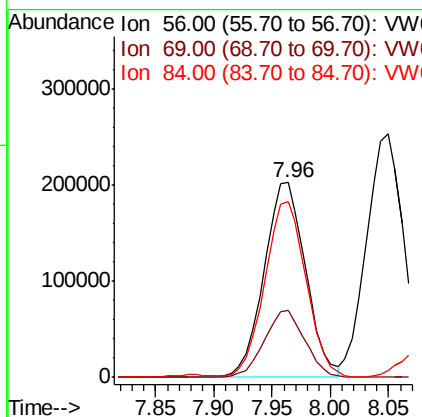
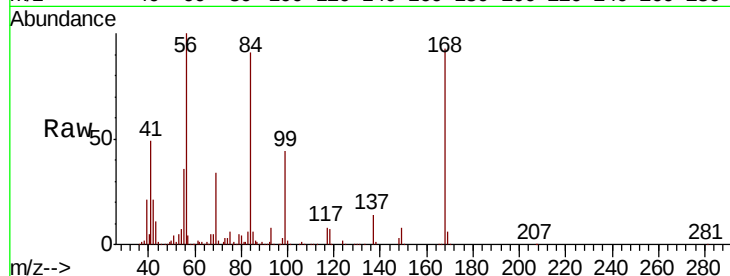




#31
Cyclohexane
Concen: 66.926 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

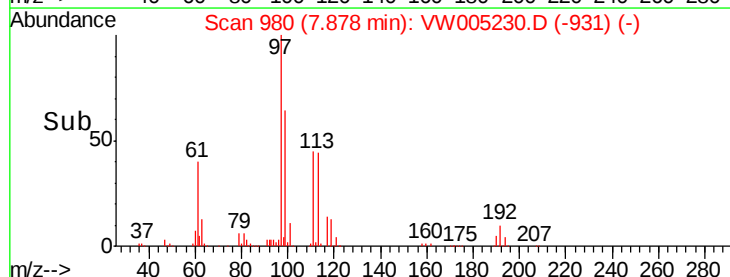
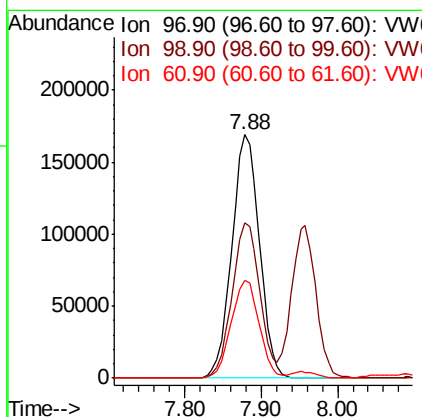
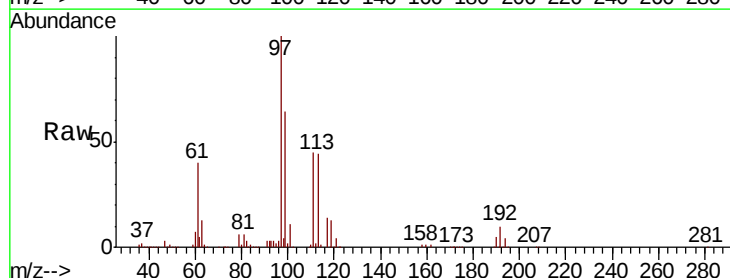
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

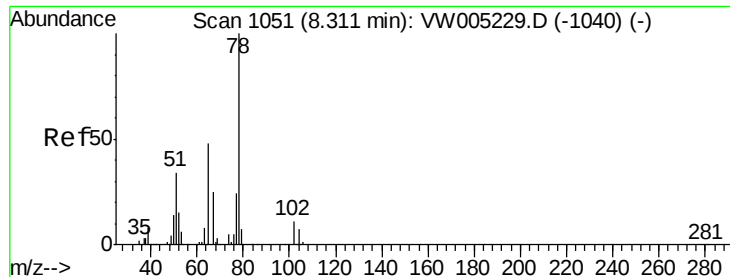
Tgt Ion: 56 Resp: 500661
Ion Ratio Lower Upper
56 100
69 34.1 28.2 42.4
84 89.3 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 62.584 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 97 Resp: 421361
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 40.6 33.0 49.4

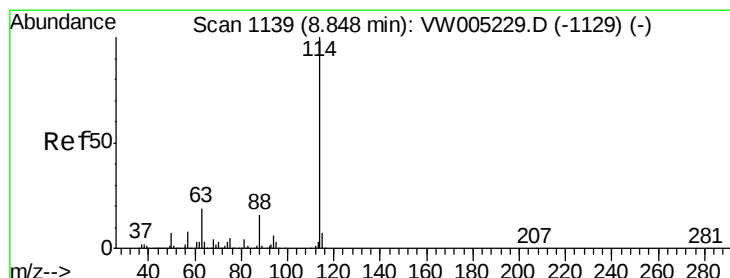
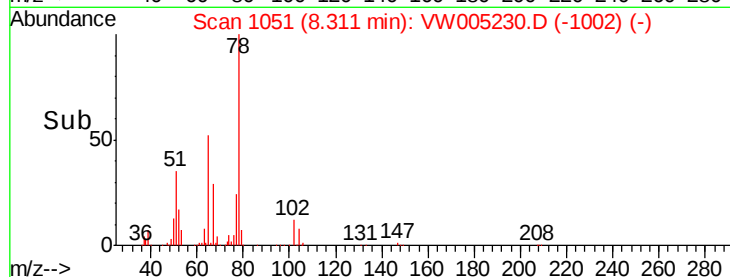
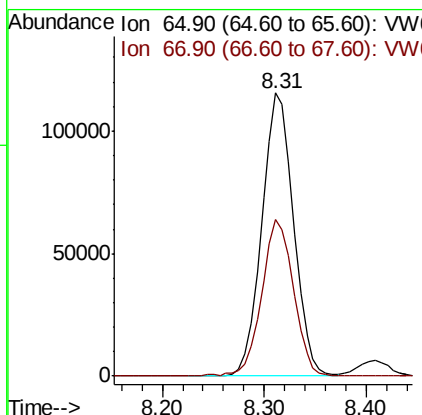
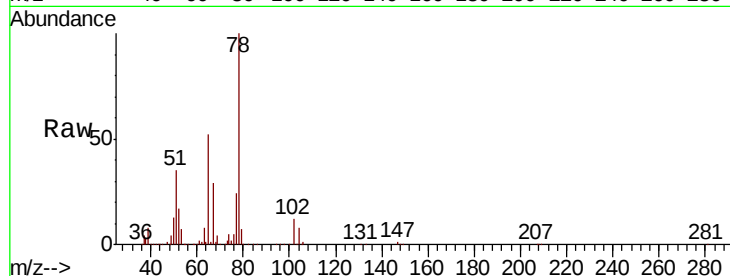




#33
 1,2-Dichloroethane-d4
 Concen: 64.580 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

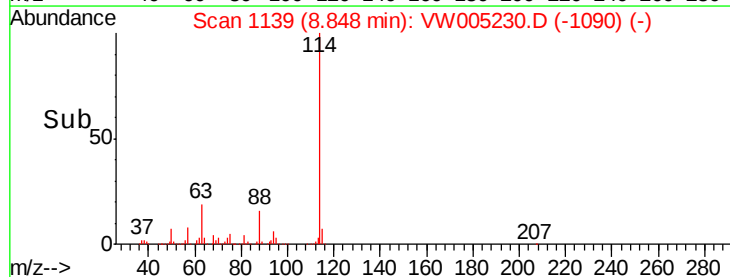
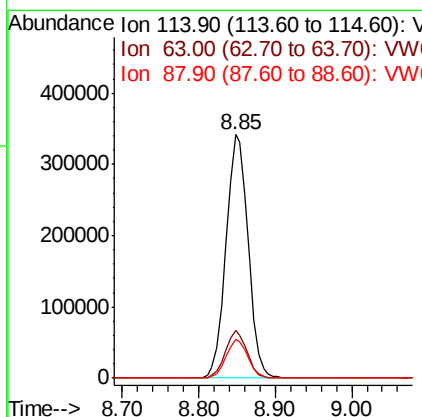
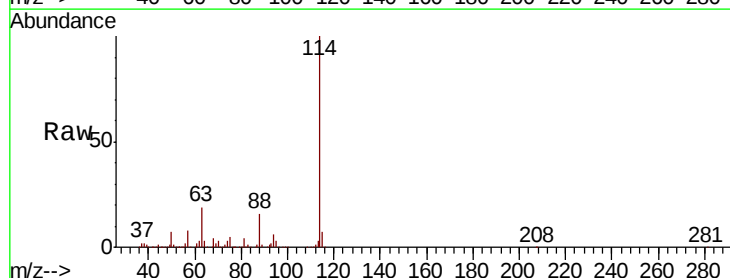
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

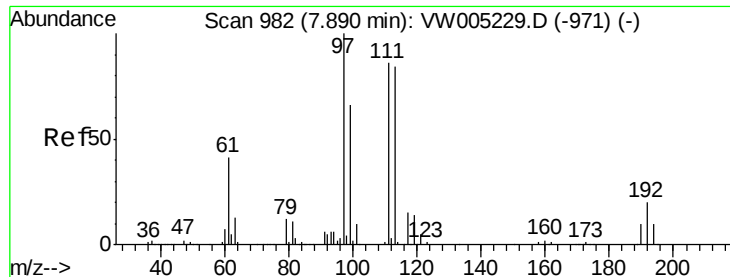
Tgt Ion: 65 Resp: 248967
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 114 Resp: 680662
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.8 0.0 31.2

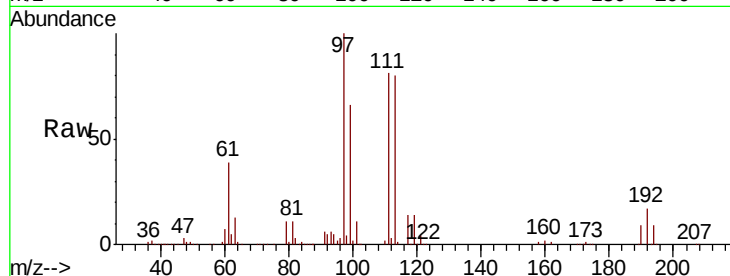




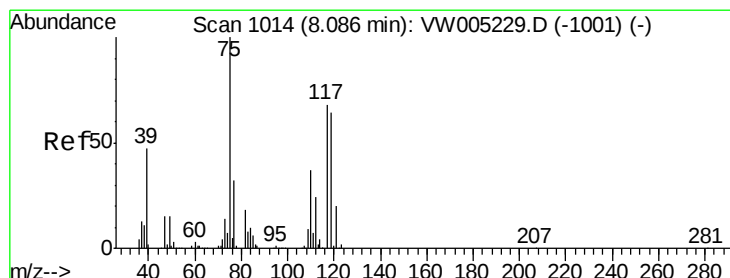
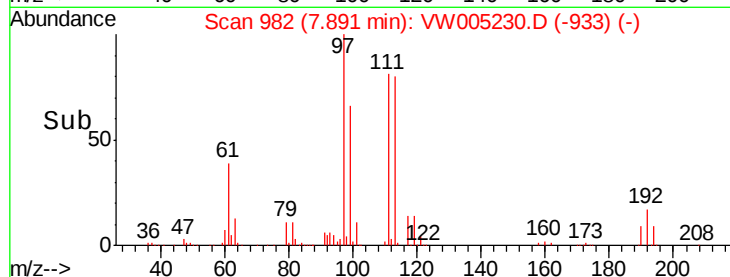
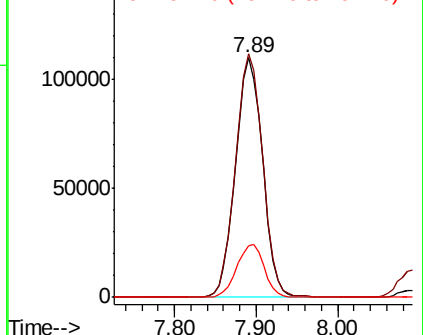
#35
 Dibromofluoromethane
 Concen: 64.642 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.4	18.0	27.0

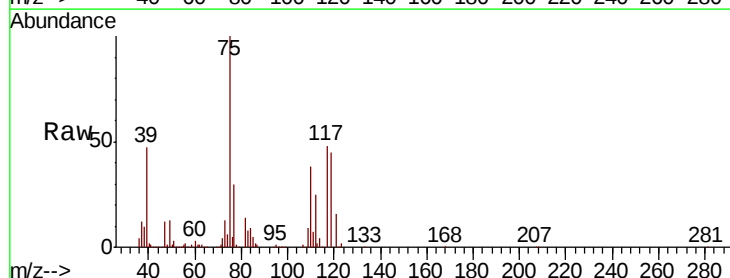


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

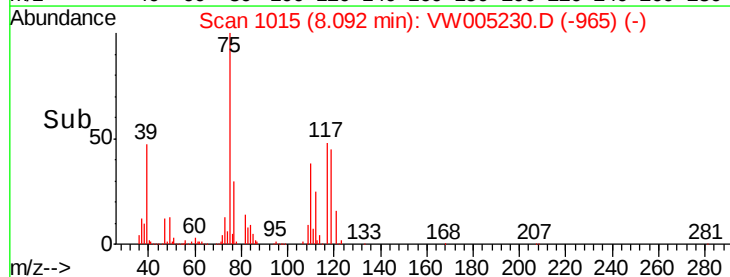
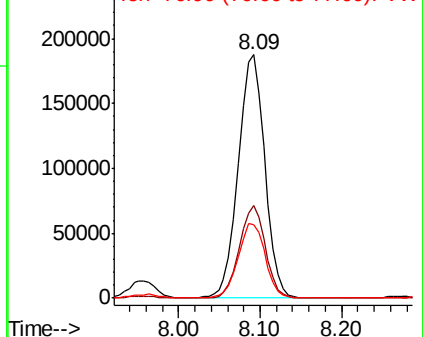


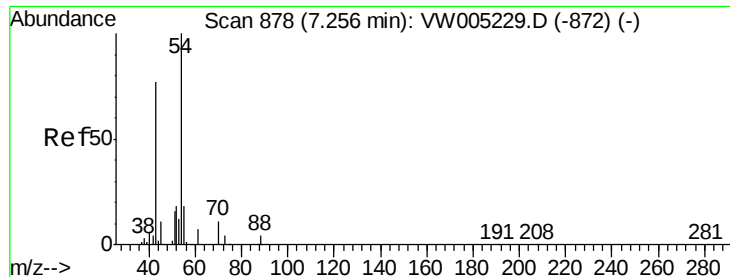
#36
 1,1-Dichloropropene
 Concen: 66.365 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.8	56.4
77	31.4	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

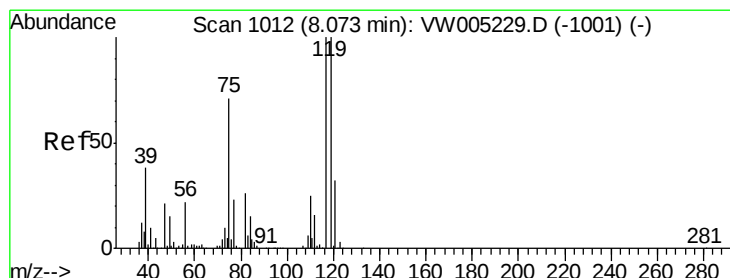
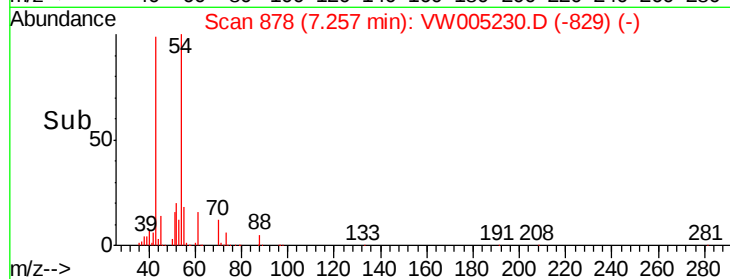
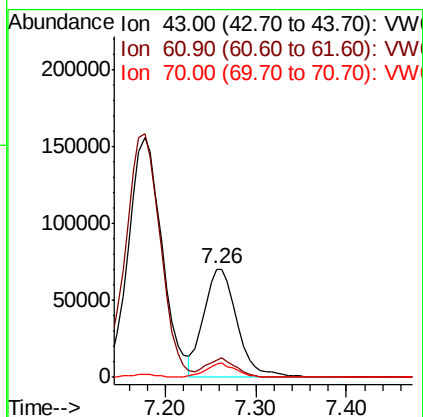
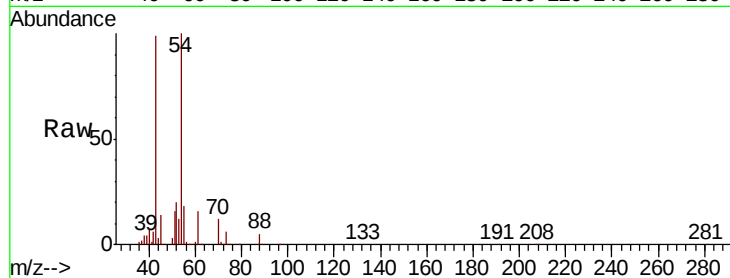




#37
Ethyl Acetate
Concen: 74.361 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

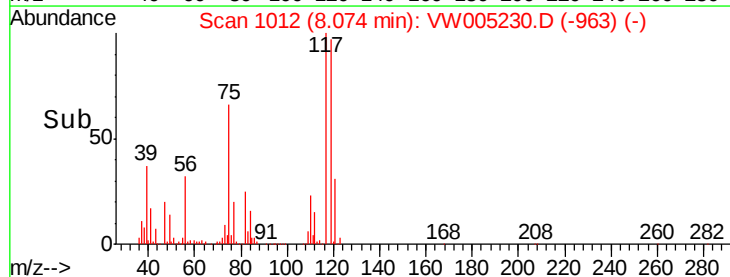
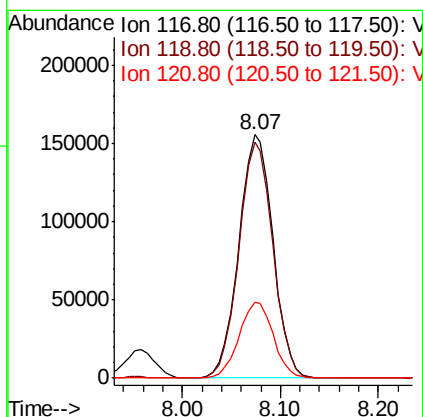
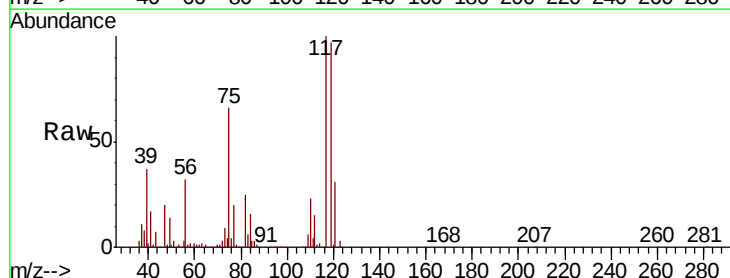
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

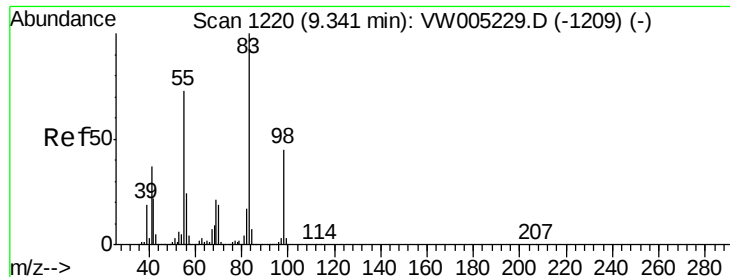
Tgt Ion: 43 Resp: 179670
Ion Ratio Lower Upper
43 100
61 15.8 11.4 17.2
70 12.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 62.418 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 117 Resp: 376150
Ion Ratio Lower Upper
117 100
119 96.8 79.7 119.5
121 31.2 25.4 38.0

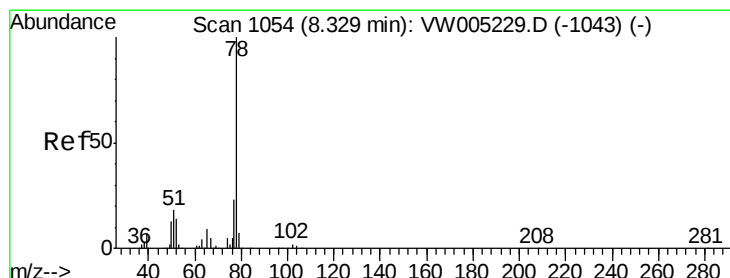
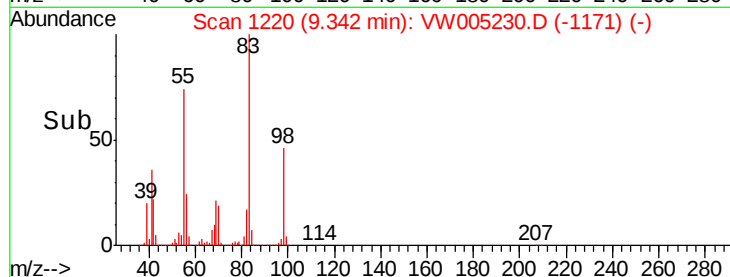
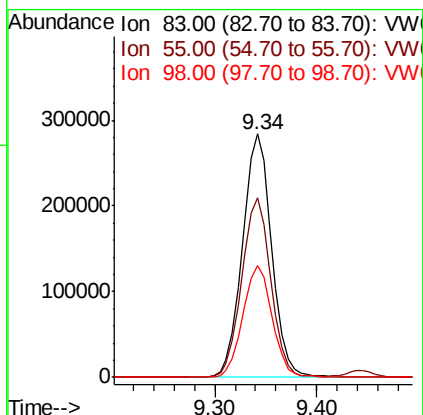
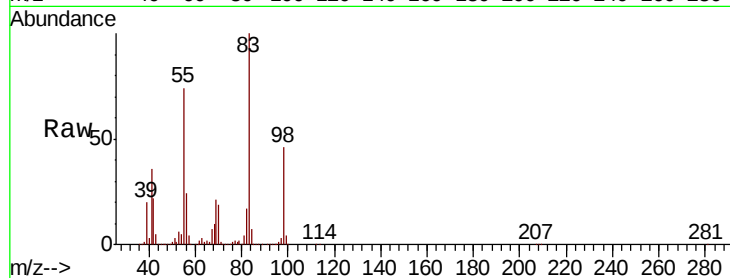




#39
Methylcyclohexane
Concen: 73.025 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

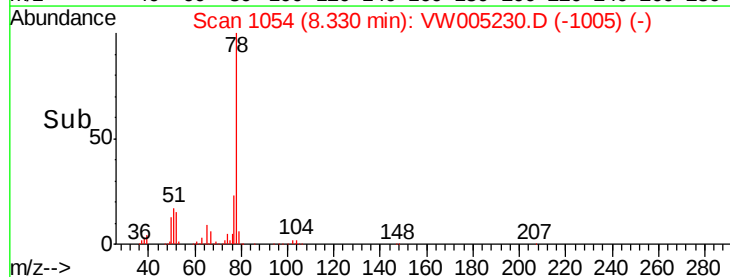
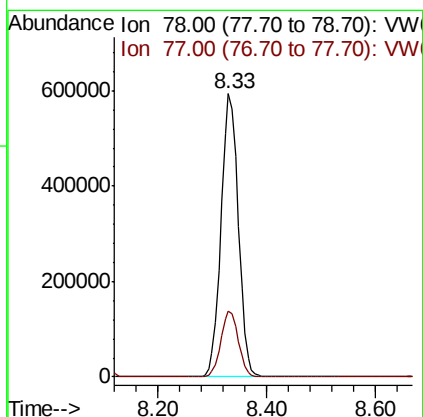
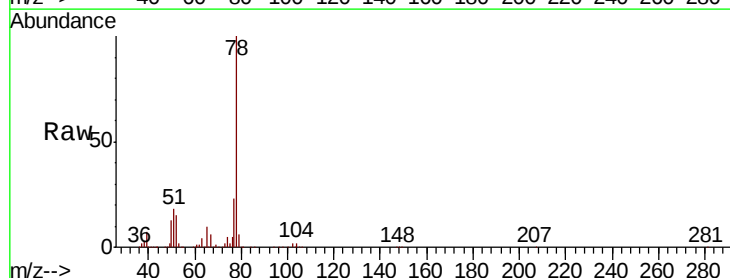
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

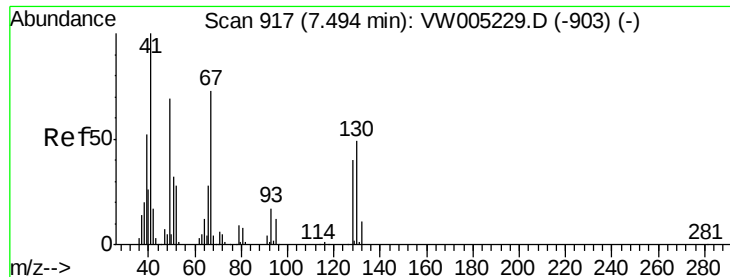
Tgt Ion: 83 Resp: 564392
Ion Ratio Lower Upper
83 100
55 73.6 58.7 88.1
98 45.7 36.1 54.1



#40
Benzene
Concen: 67.045 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 78 Resp: 1306800
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8

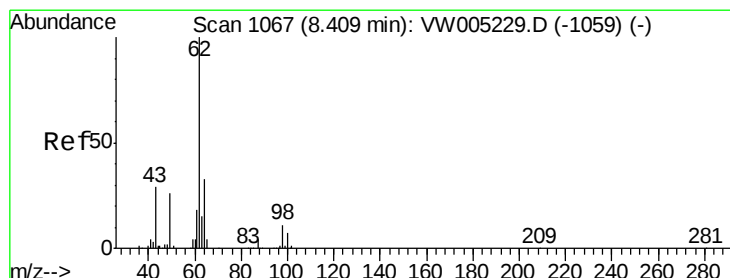
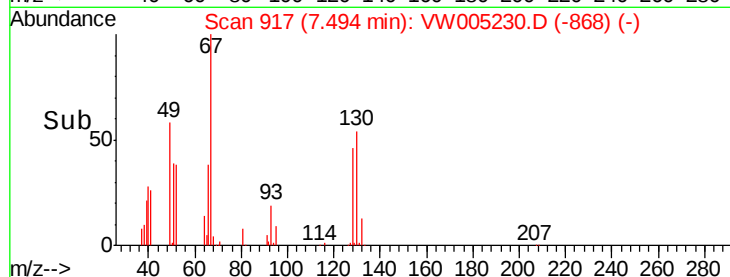
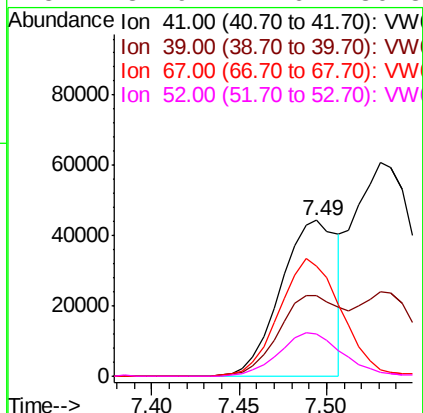
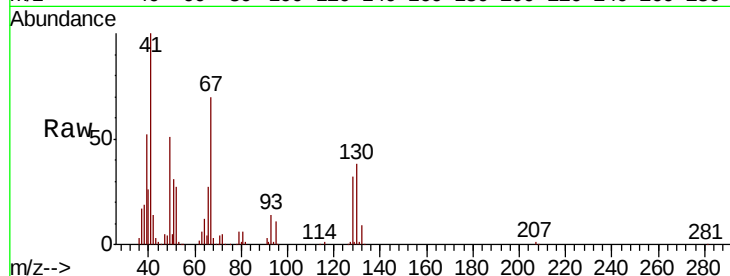




#41
Methacrylonitrile
Concen: 72.498 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

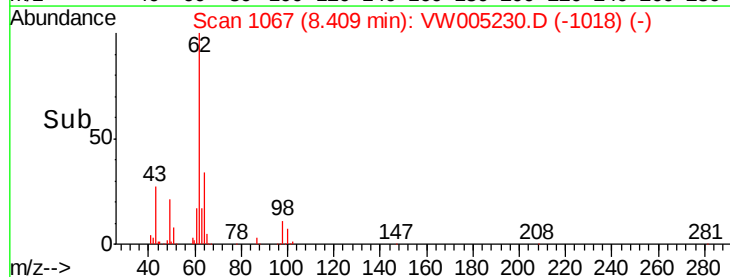
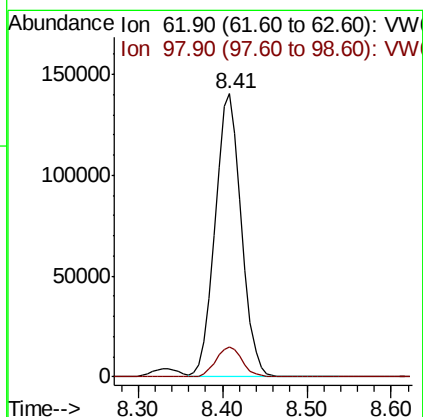
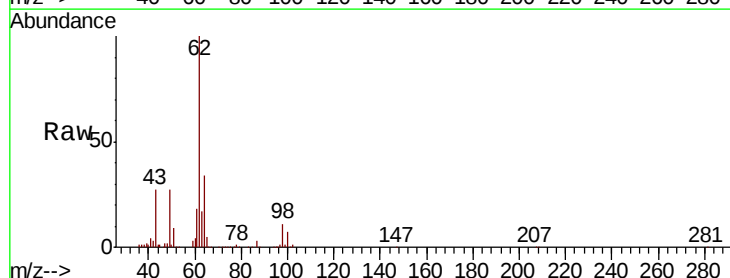
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

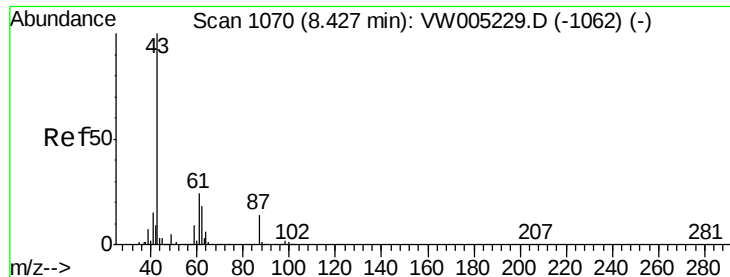
Tgt Ion:	41	Resp:	100368
Ion	Ratio	Lower	Upper
41	100		
39	59.2	40.8	61.2
67	83.0	63.6	95.4
52	31.9	24.6	36.8



#42
1,2-Dichloroethane
Concen: 63.220 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:	62	Resp:	301185
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 79.620 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

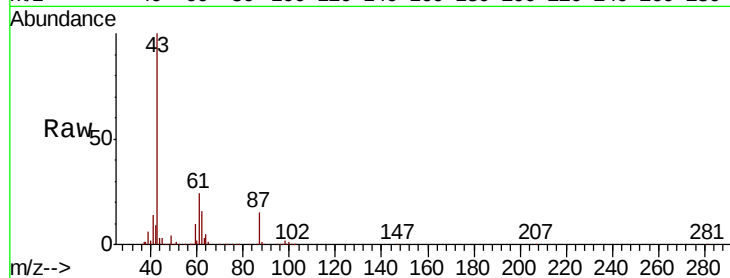
Tgt Ion: 43 Resp: 351238

Ion Ratio Lower Upper

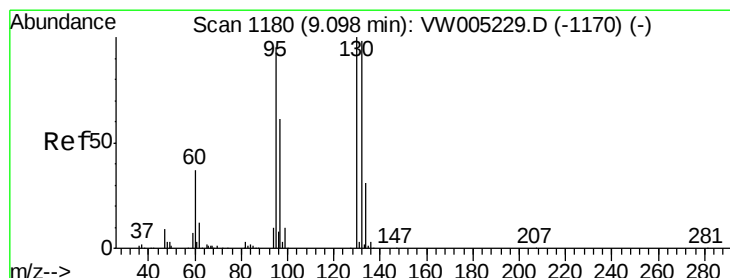
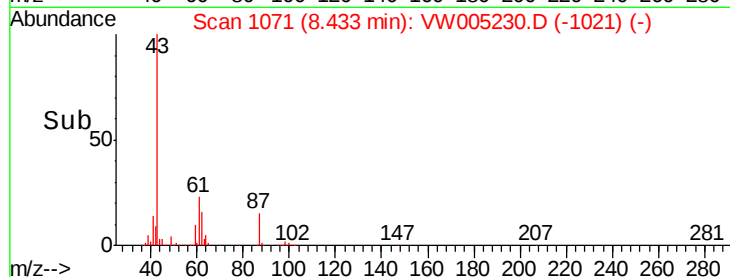
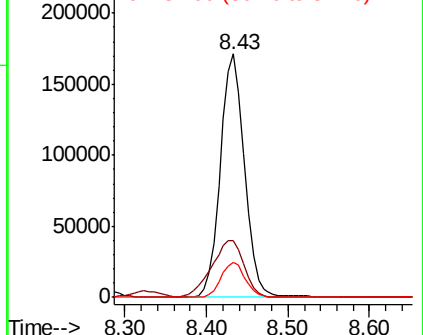
43 100

61 31.5 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: 64.667 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005230.D

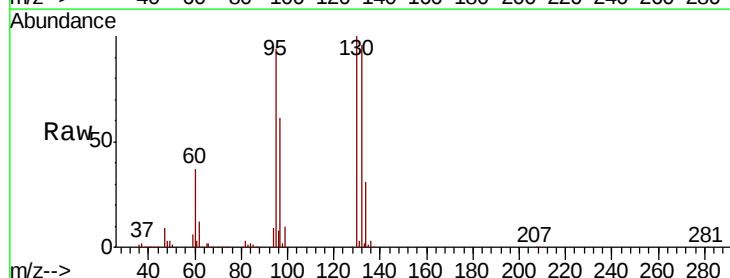
Acq: 08 Sep 2018 01:28

Tgt Ion: 130 Resp: 339441

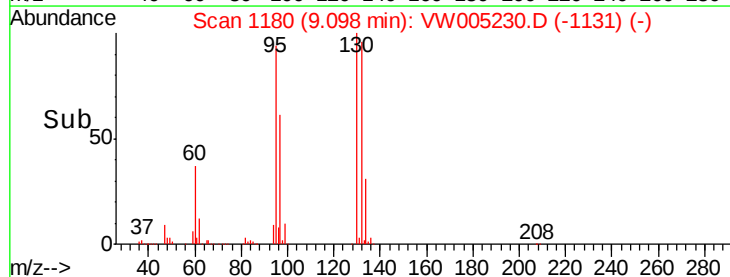
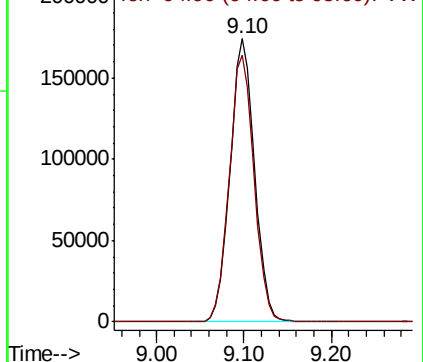
Ion Ratio Lower Upper

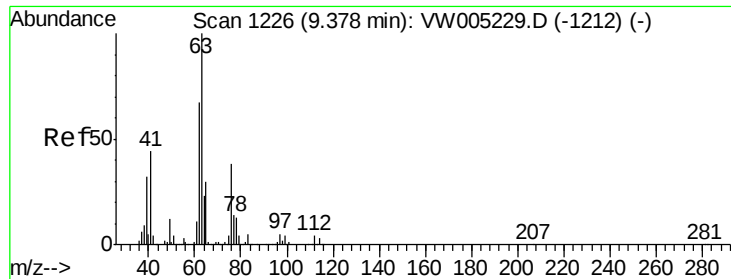
130 100

95 94.4 0.0 189.8



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

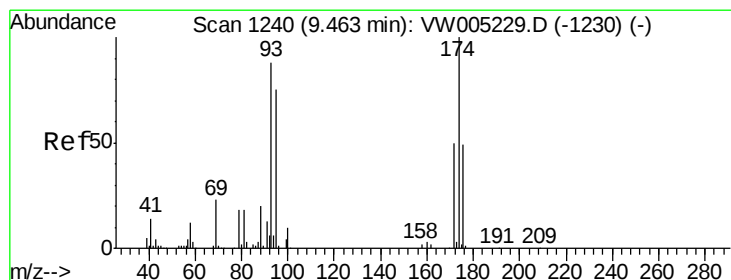
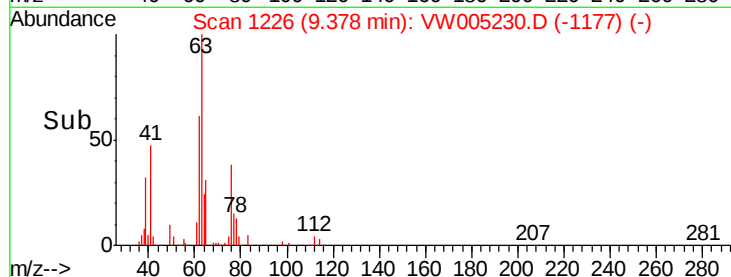
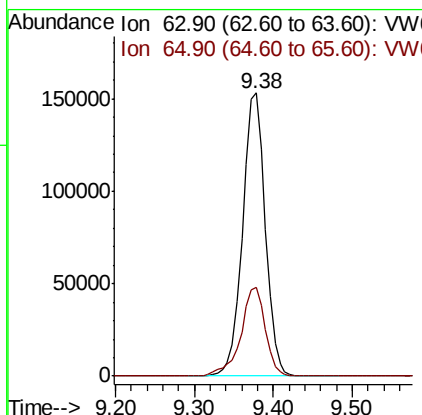
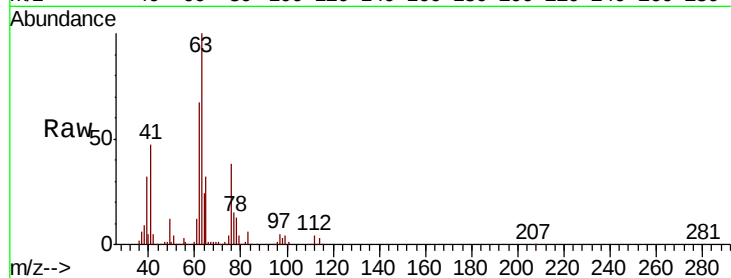




#45
 1,2-Dichloropropane
 Concen: 64.591 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

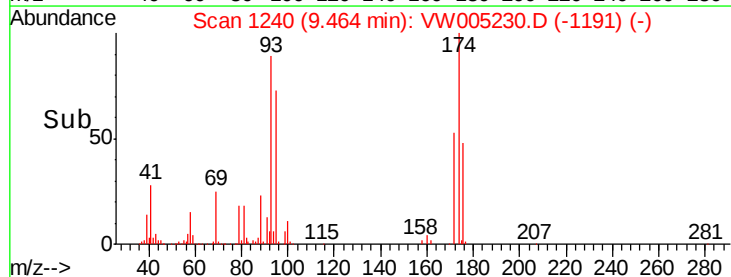
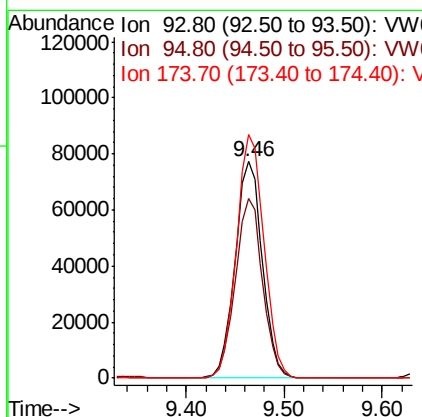
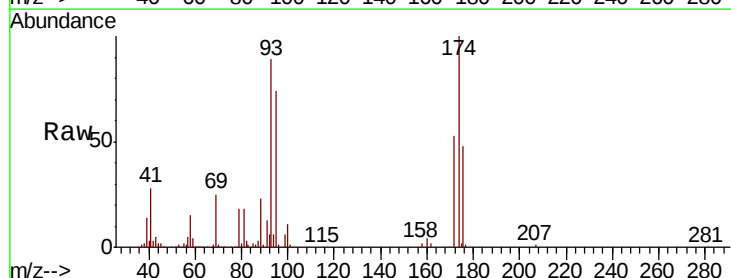
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

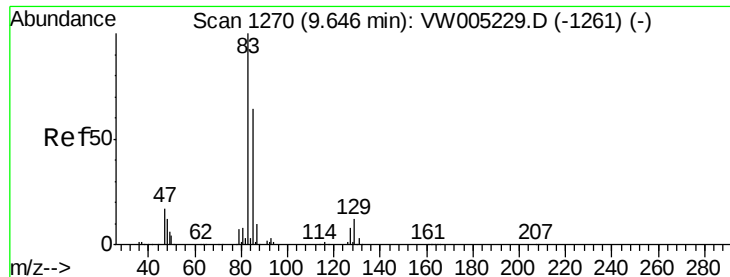
Tgt Ion: 63 Resp: 306653
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.8 35.8



#46
 Dibromomethane
 Concen: 65.795 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 93 Resp: 149406
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.4 101.2
 174 113.5 91.9 137.9





#47

Bromodichloromethane

Concen: 62.306 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

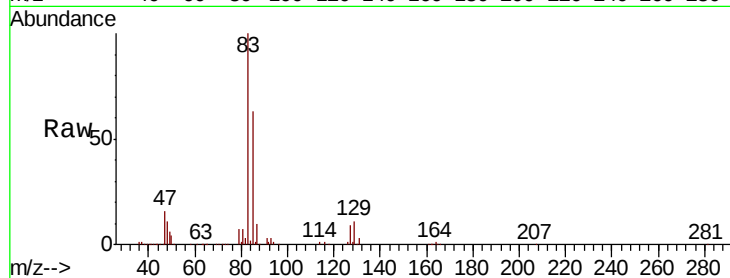
Tgt Ion: 83 Resp: 355633

Ion Ratio Lower Upper

83 100

85 63.3 51.0 76.6

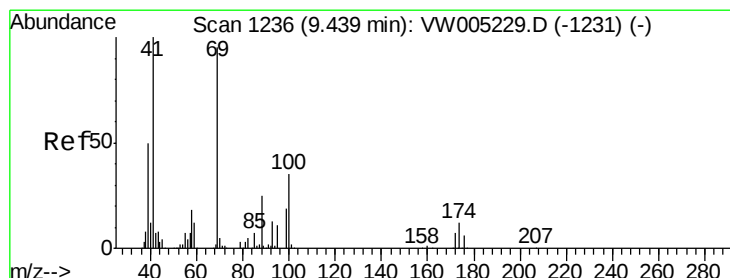
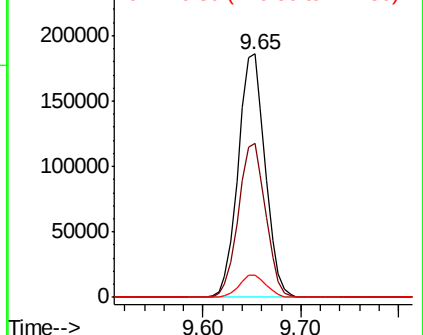
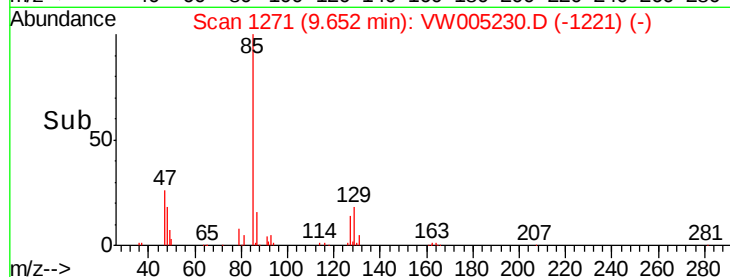
127 9.0 6.7 10.1



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: 82.618 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

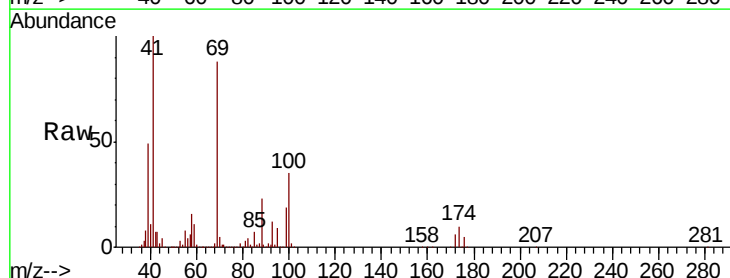
Tgt Ion: 41 Resp: 178249

Ion Ratio Lower Upper

41 100

69 100.1 73.6 110.4

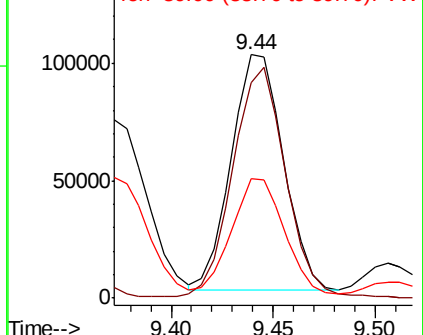
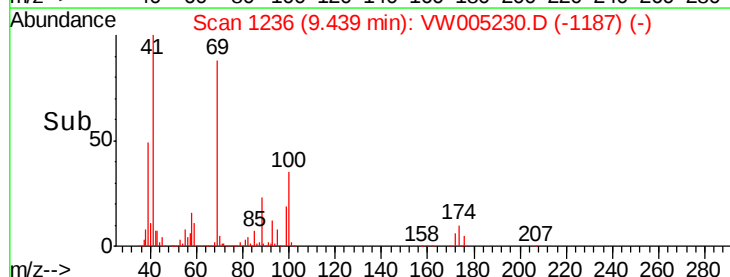
39 49.6 36.9 55.3

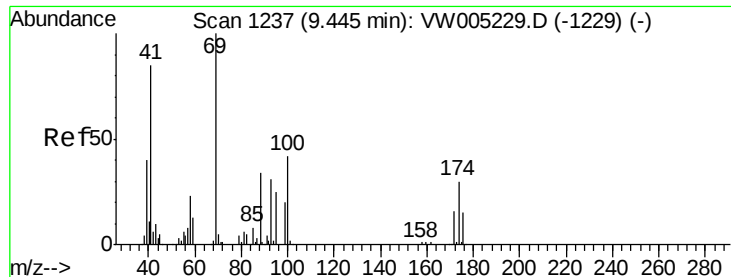


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

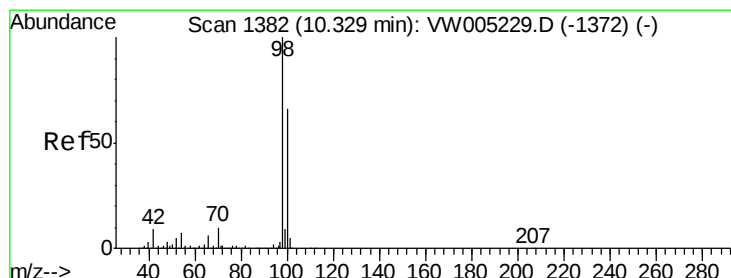
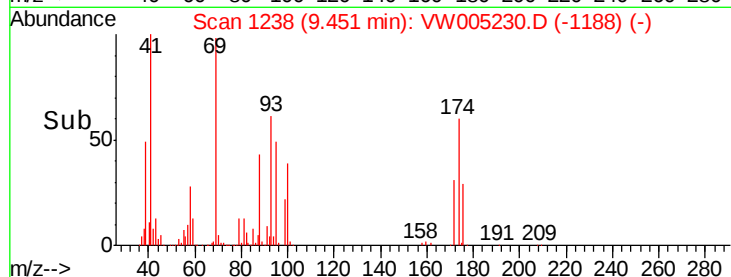
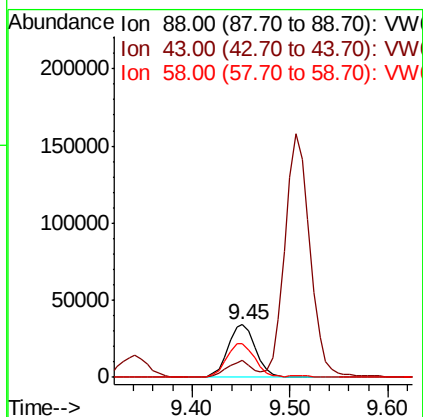
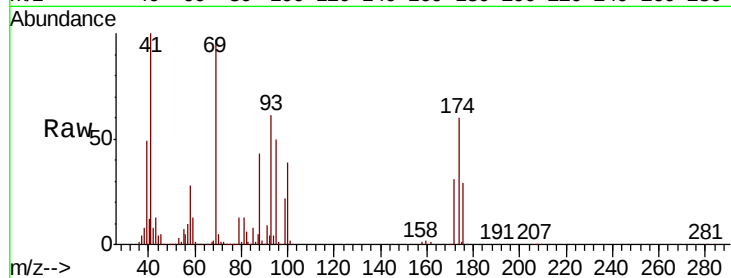




#49
 1,4-Dioxane
 Concen: 1805.238 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

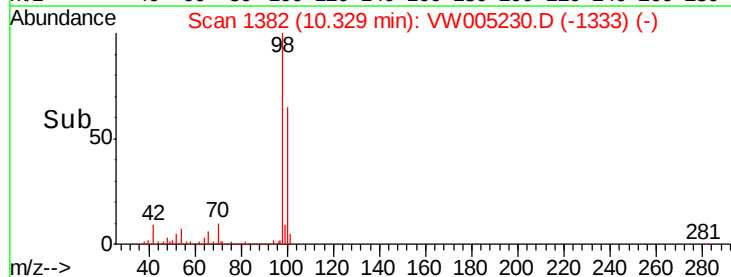
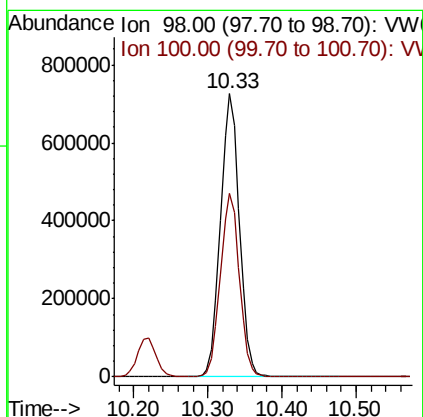
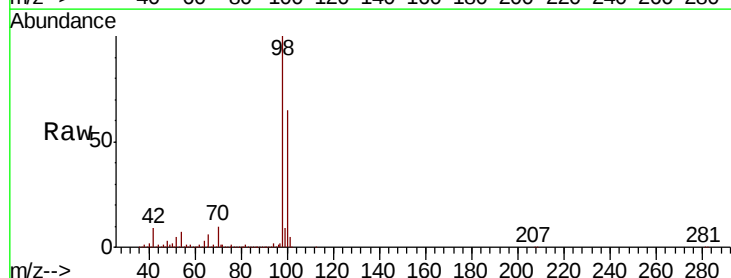
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

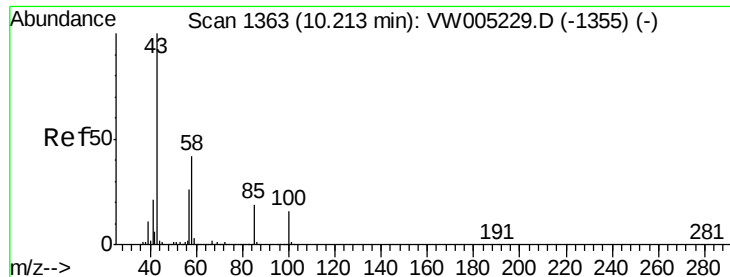
Tgt Ion: 88 Resp: 67354
 Ion Ratio Lower Upper
 88 100
 43 28.0 22.1 33.1
 58 65.8 53.8 80.6



#50
 Toluene-d8
 Concen: 70.536 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 98 Resp: 1279576
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.5 78.7

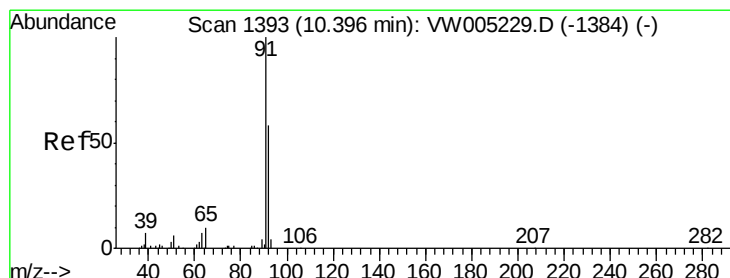
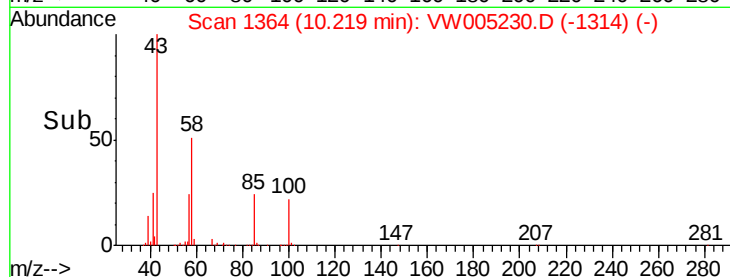
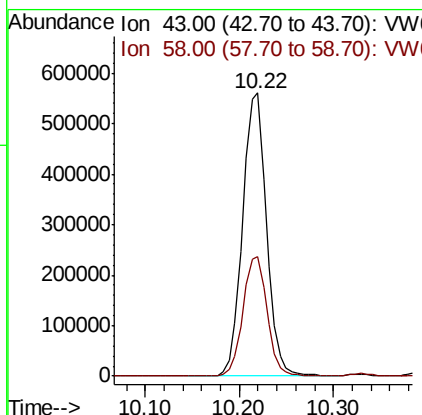
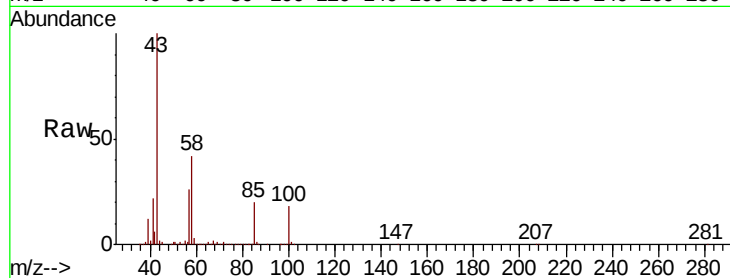




#51
 4-Methyl-2-Pentanone
 Concen: 348.743 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

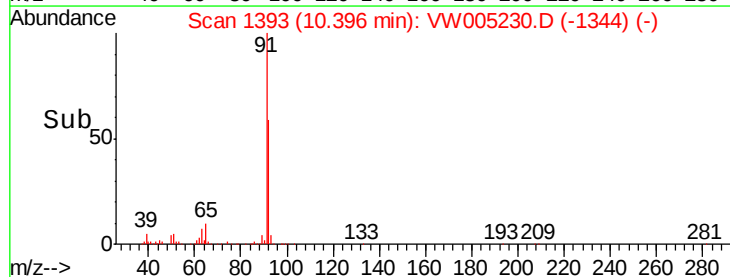
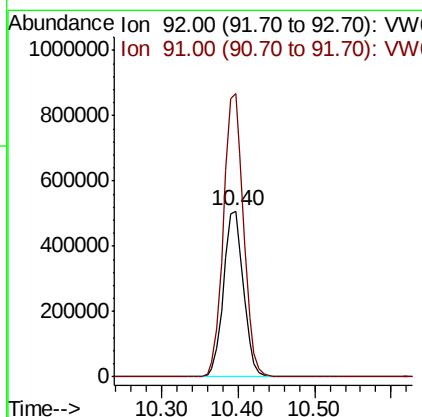
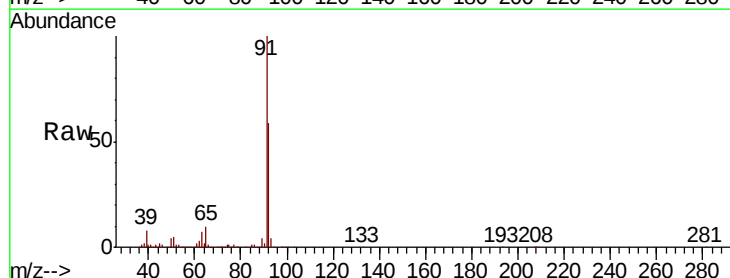
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

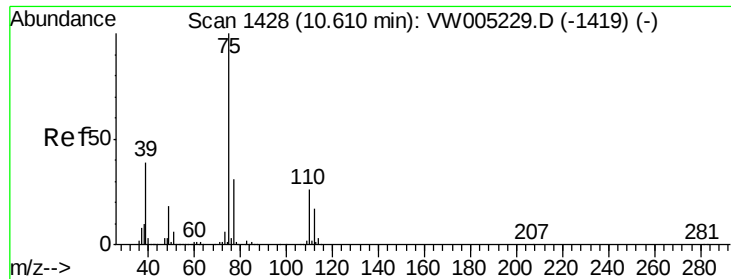
Tgt Ion: 43 Resp: 995897
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.3 49.9



#52
 Toluene
 Concen: 69.282 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion: 92 Resp: 915223
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 70.578 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

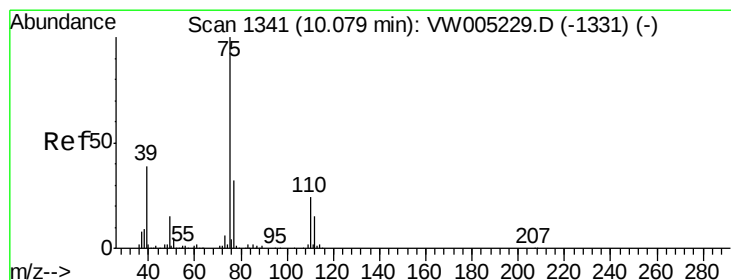
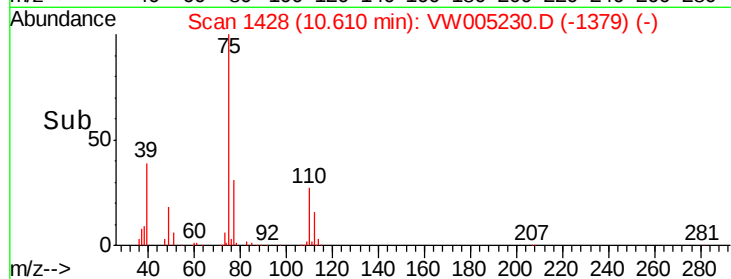
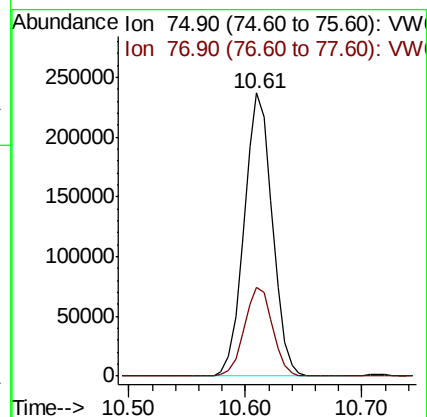
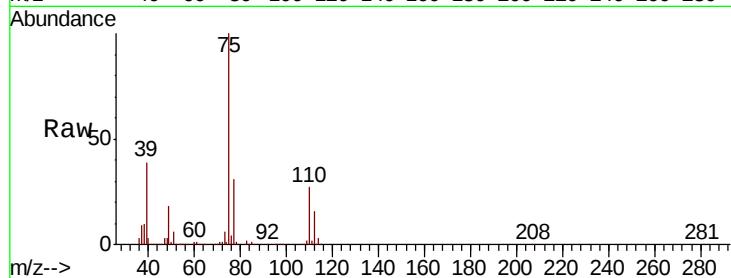
VSTDIC075

Tgt Ion: 75 Resp: 398976

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 67.196 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

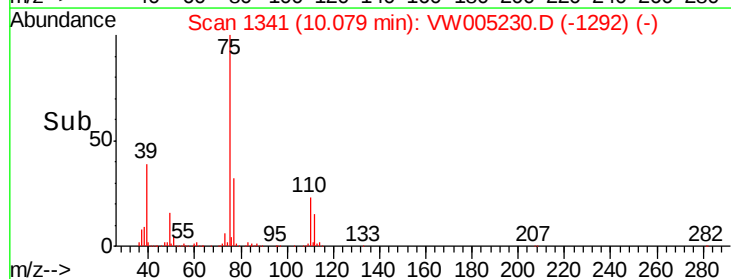
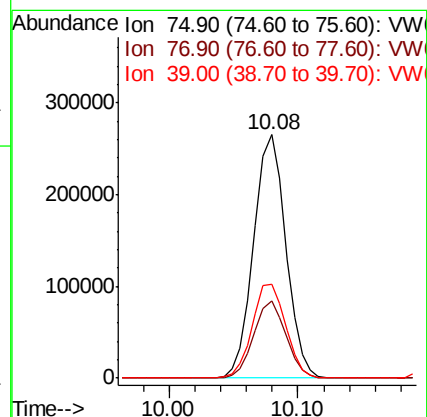
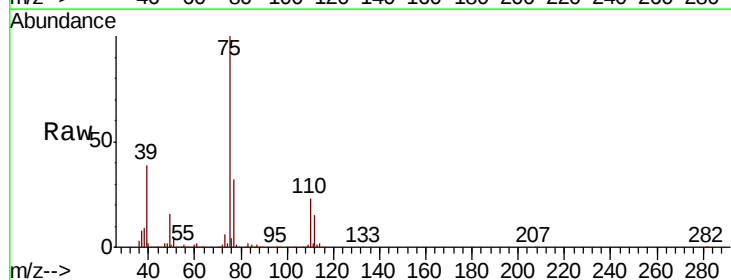
Tgt Ion: 75 Resp: 459232

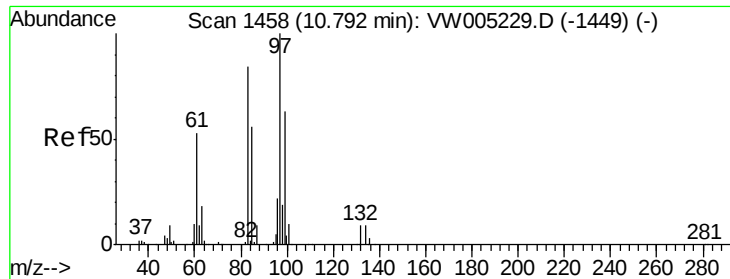
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 38.7 31.2 46.8

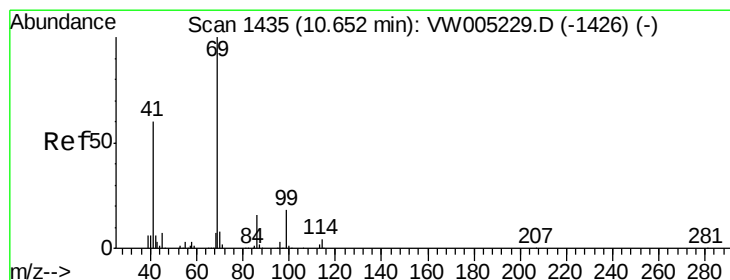
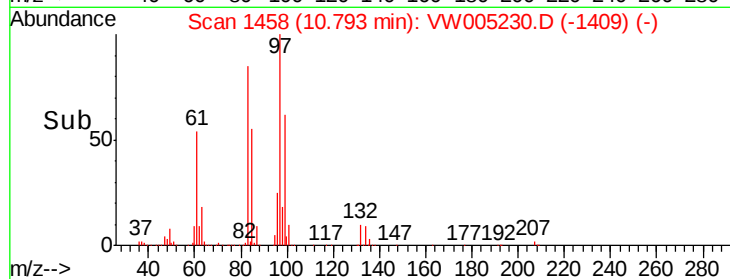
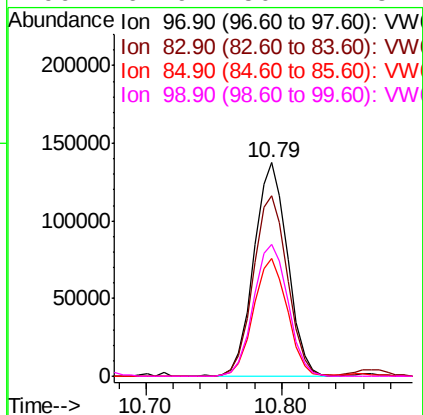
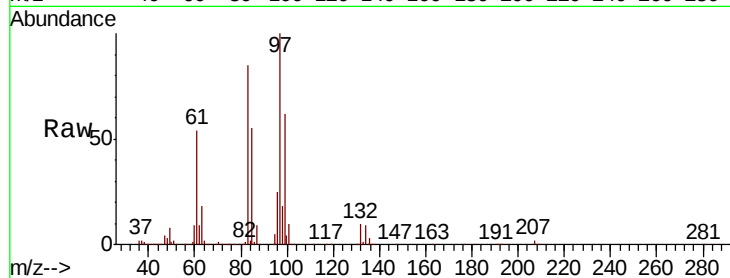




#55
 1,1,2-Trichloroethane
 Concen: 67.831 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

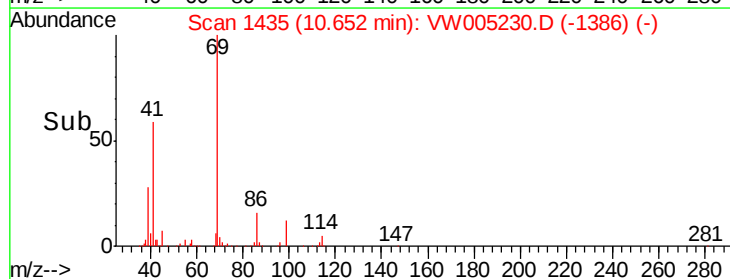
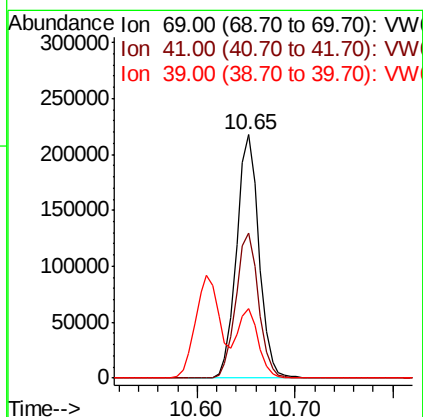
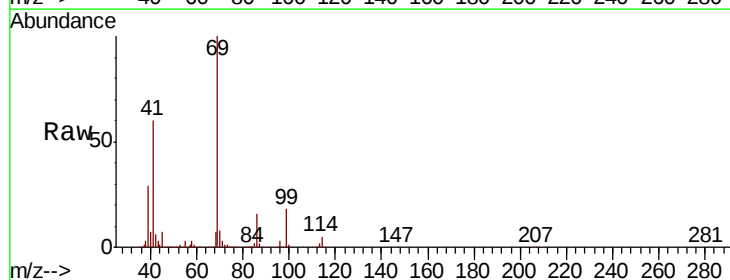
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

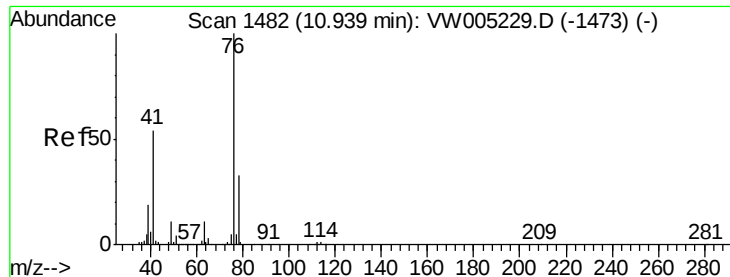
Tgt Ion:	97	Resp:	239727
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.0
85	55.0	44.6	66.8
99	61.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 84.303 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion:	69	Resp:	346198
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.9	71.9
39	26.2	20.9	31.3





#57

1,3-Dichloropropane

Concen: 68.622 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

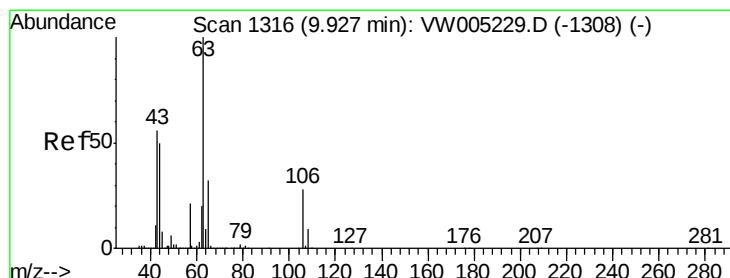
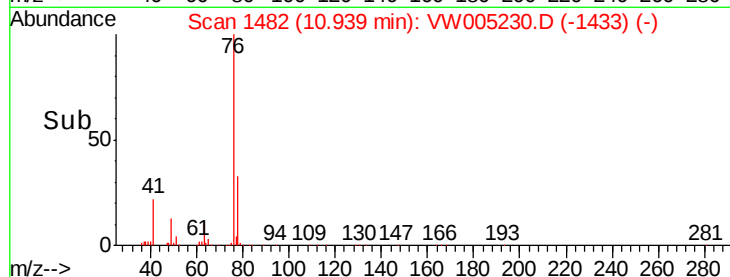
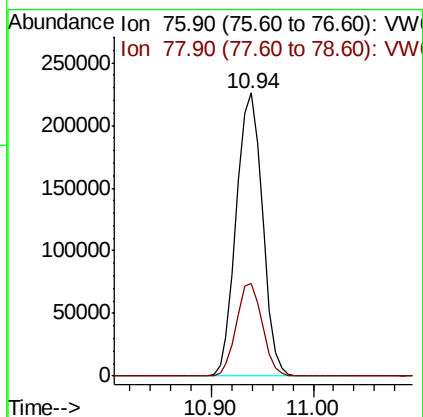
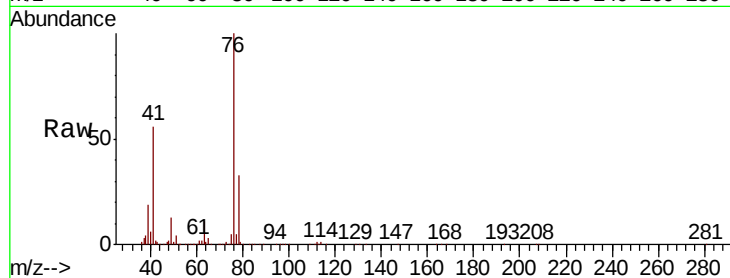
VSTDIC075

Tgt Ion: 76 Resp: 401020

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 387.365 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005230.D

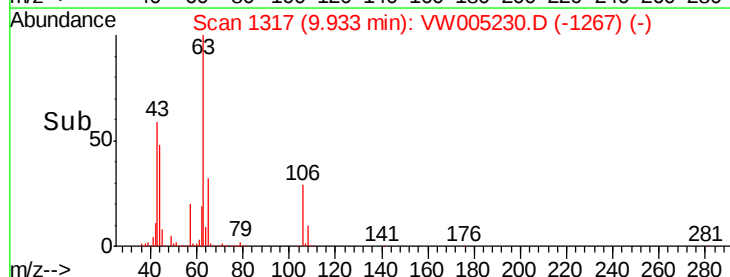
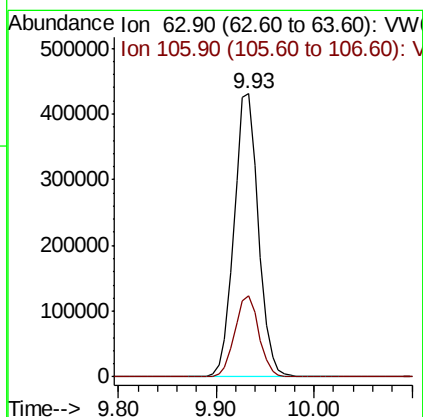
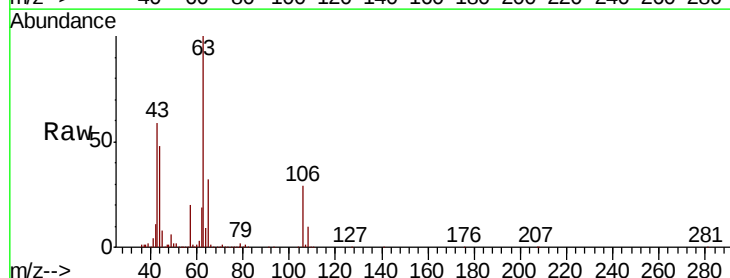
Acq: 08 Sep 2018 01:28

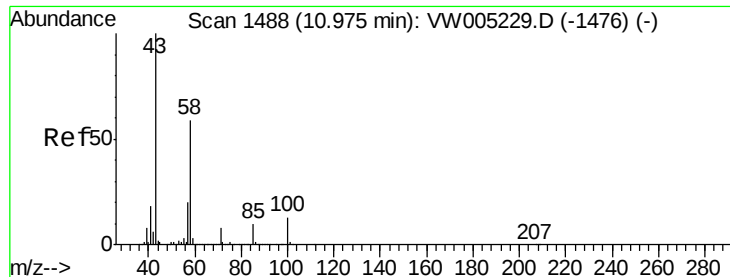
Tgt Ion: 63 Resp: 741292

Ion Ratio Lower Upper

63 100

106 28.6 23.3 34.9

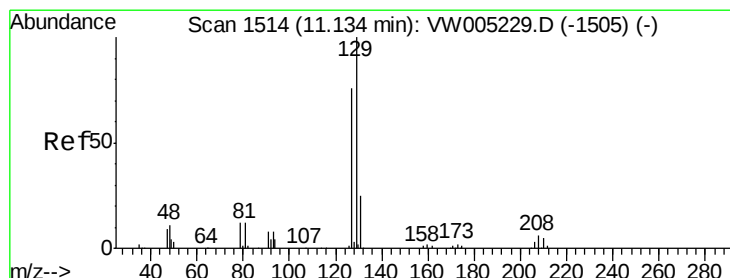
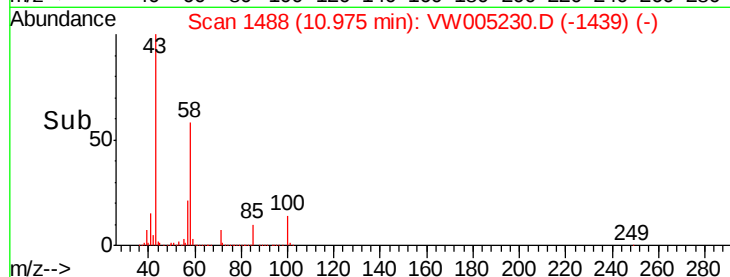
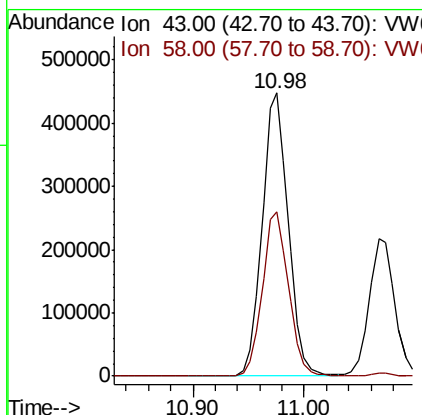
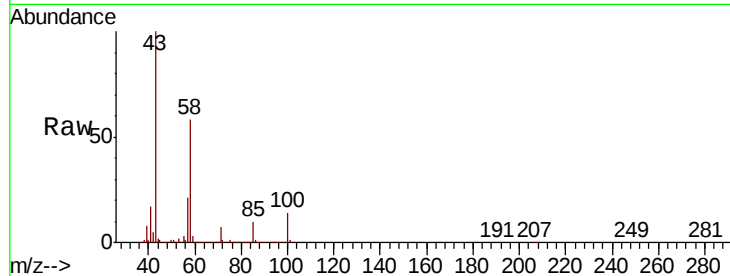




#59
2-Hexanone
Concen: 376.840 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

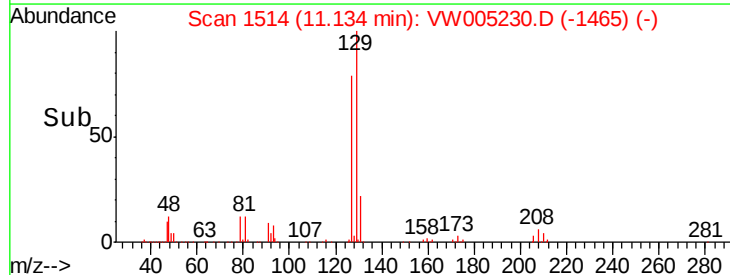
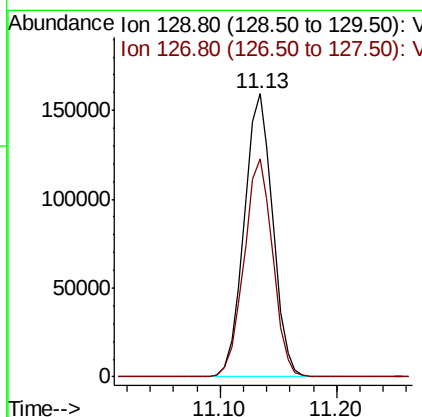
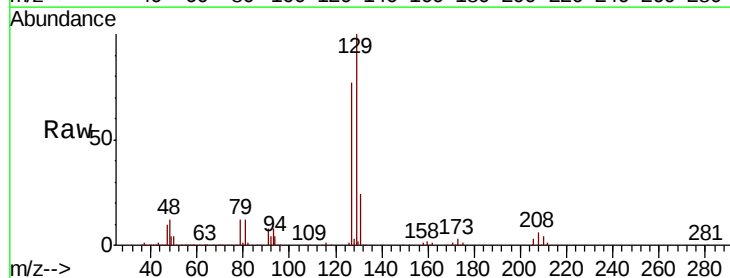
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

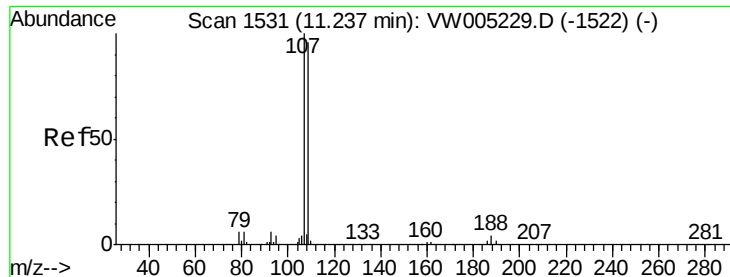
Tgt Ion: 43 Resp: 731130
Ion Ratio Lower Upper
43 100
58 58.3 29.2 87.6



#60
Dibromochloromethane
Concen: 68.169 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 129 Resp: 272441
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 70.773 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

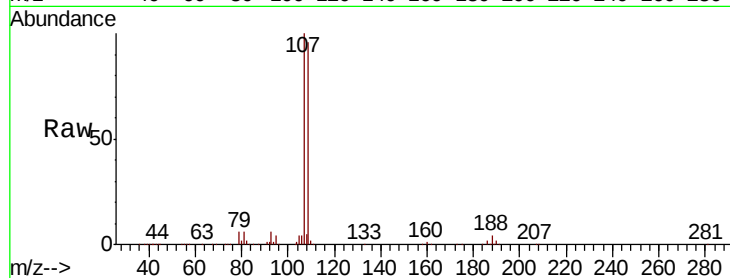
VSTDIC075

Tgt Ion: 107 Resp: 227215

Ion Ratio Lower Upper

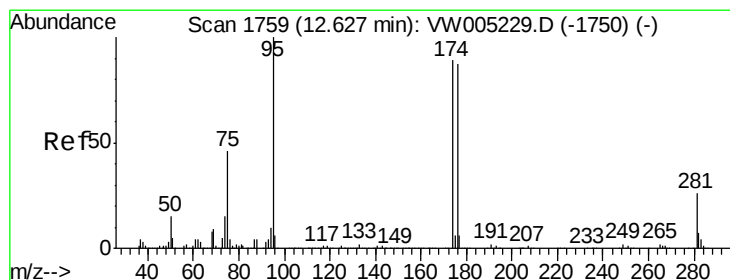
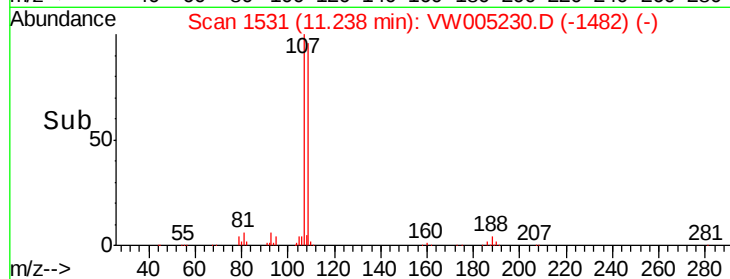
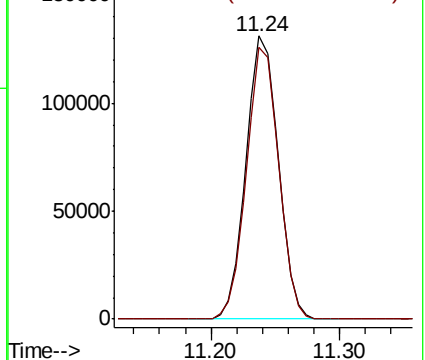
107 100

109 95.8 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 71.765 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

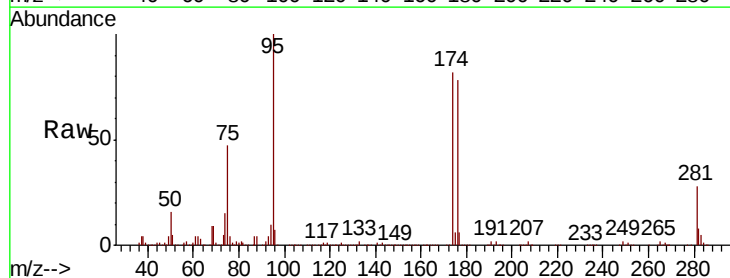
Tgt Ion: 95 Resp: 461586

Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.2

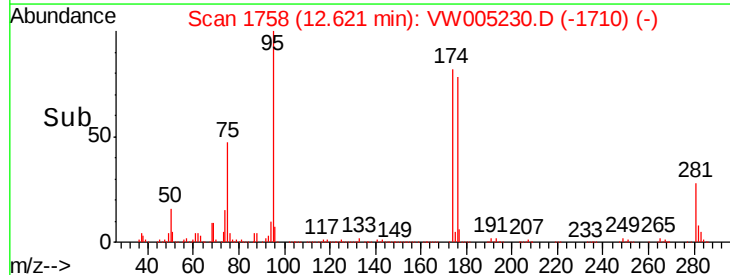
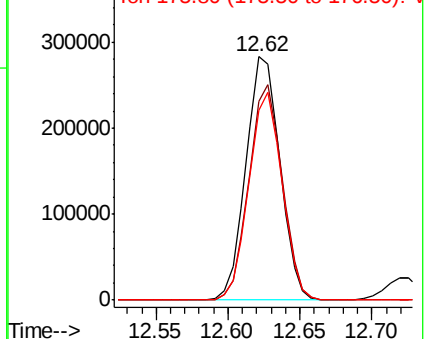
176 83.5 0.0 167.2

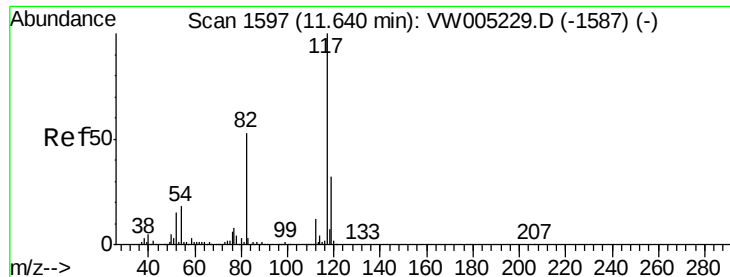


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

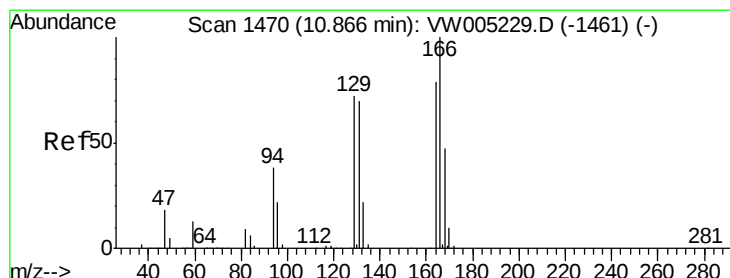
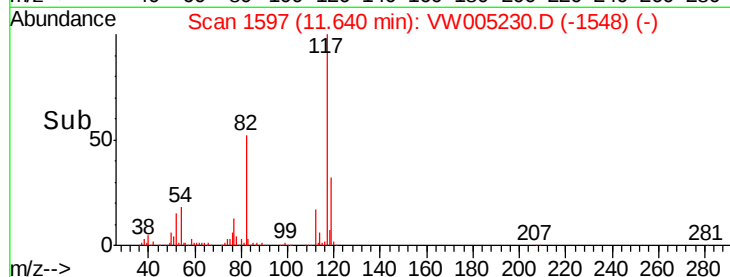
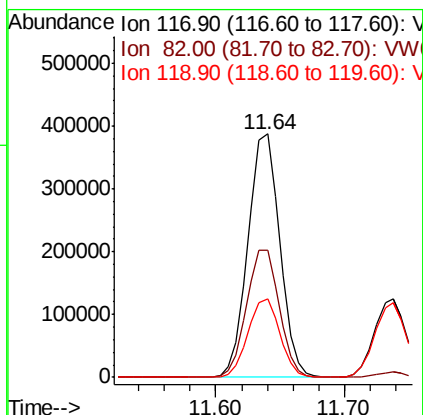
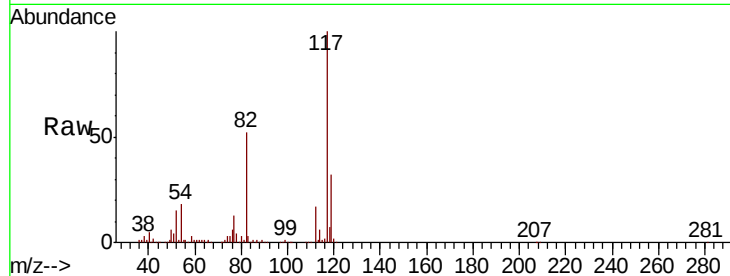




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

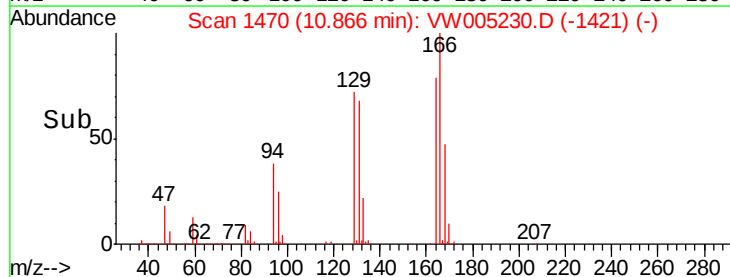
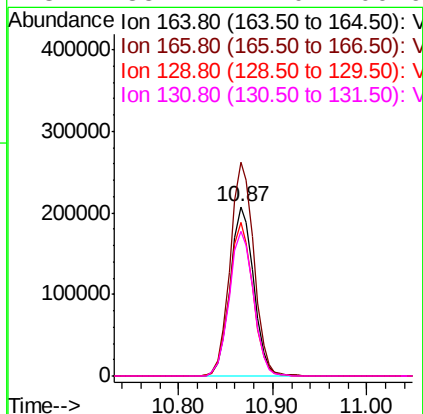
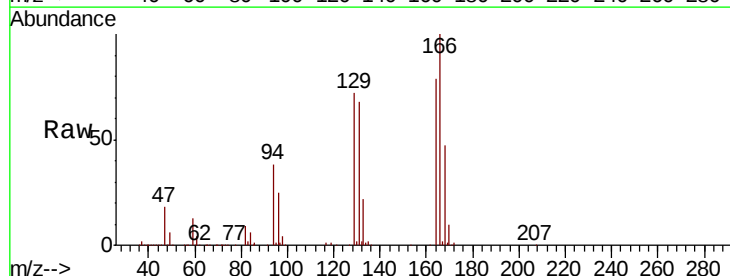
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

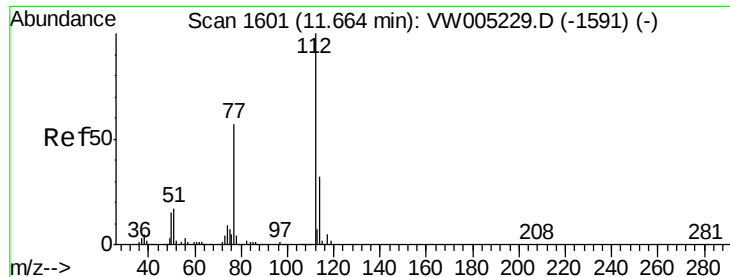
Tgt Ion:117 Resp: 661910
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 69.532 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:164 Resp: 359466
Ion Ratio Lower Upper
164 100
166 126.4 101.0 151.6
129 90.9 73.0 109.4
131 85.7 71.0 106.6

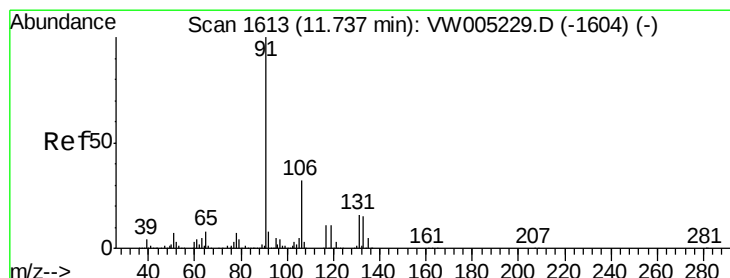
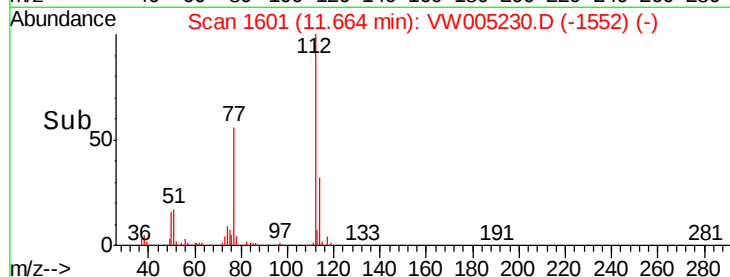
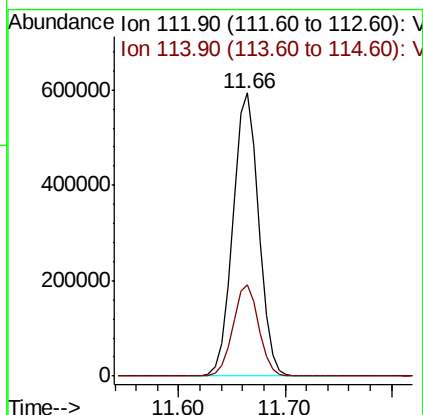
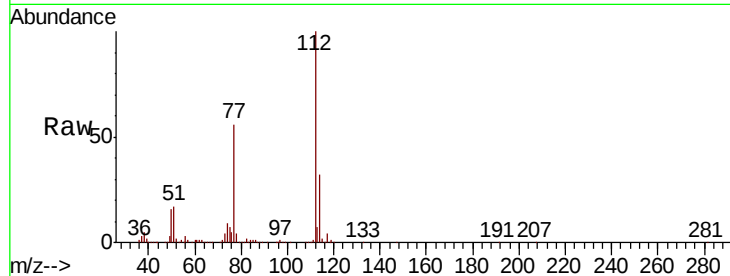




#65
Chlorobenzene
Concen: 68.535 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

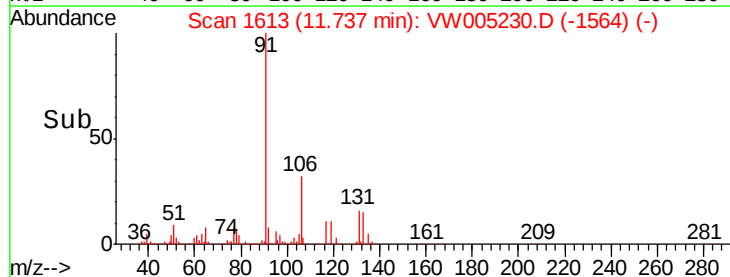
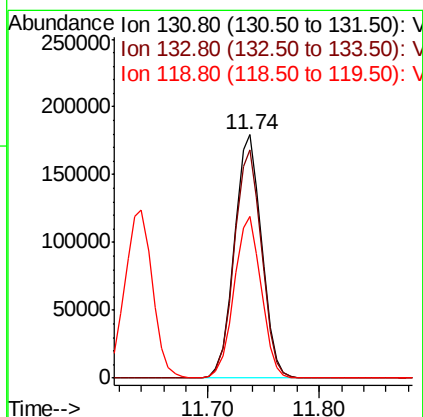
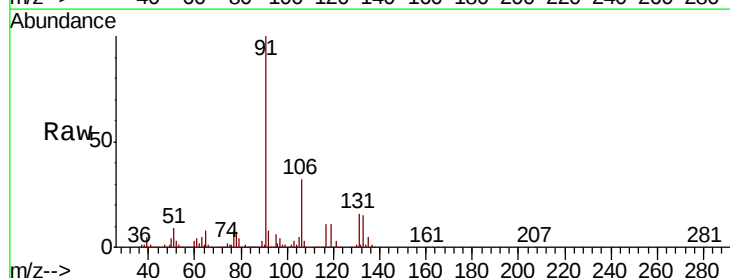
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

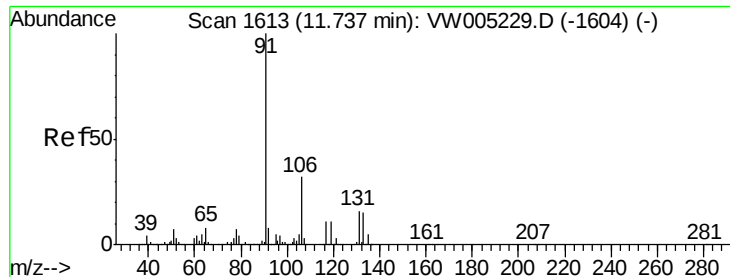
Tgt Ion:112 Resp: 1007825
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 67.537 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:131 Resp: 303087
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.2 33.3 99.8

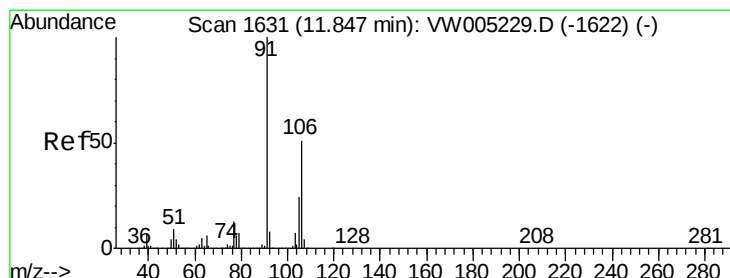
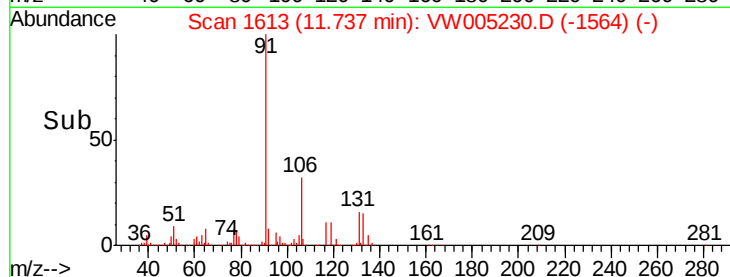
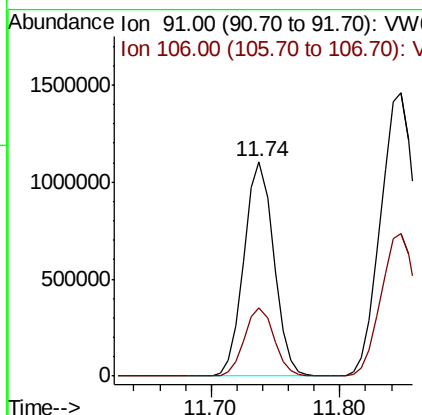
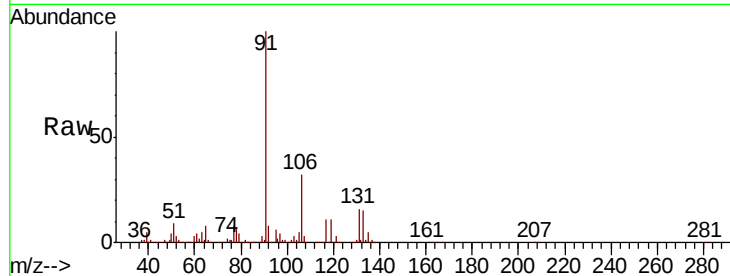




#67
Ethyl Benzene
Concen: 71.469 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

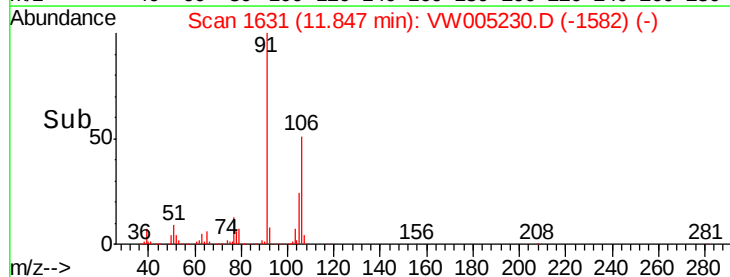
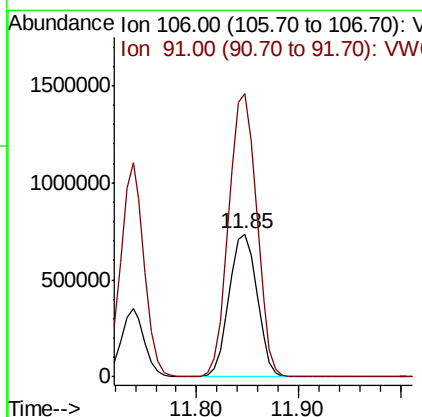
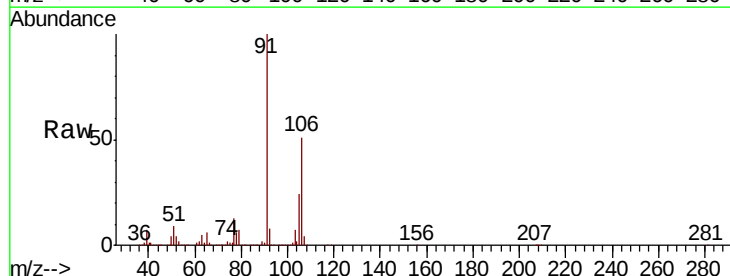
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

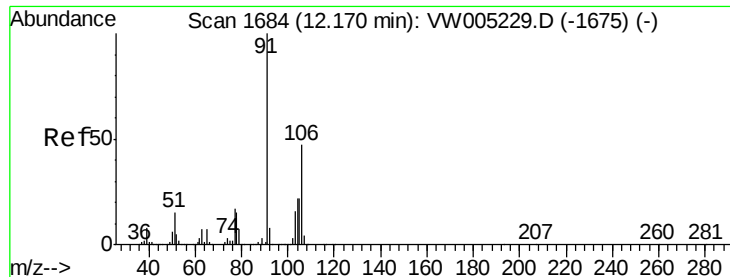
Tgt Ion: 91 Resp: 1771052
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 141.252 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 106 Resp: 1399874
Ion Ratio Lower Upper
106 100
91 198.1 157.4 236.2

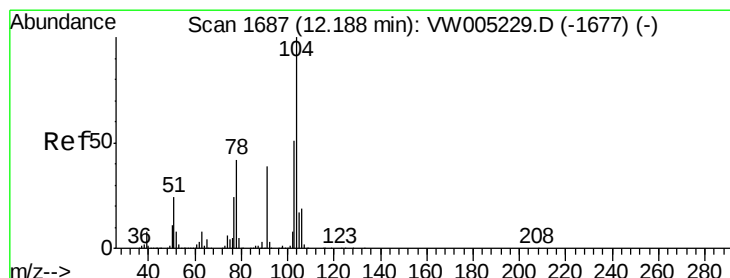
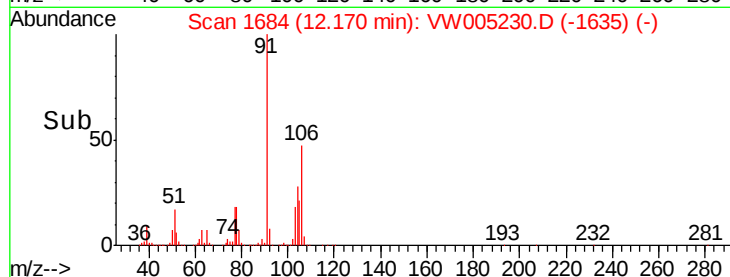
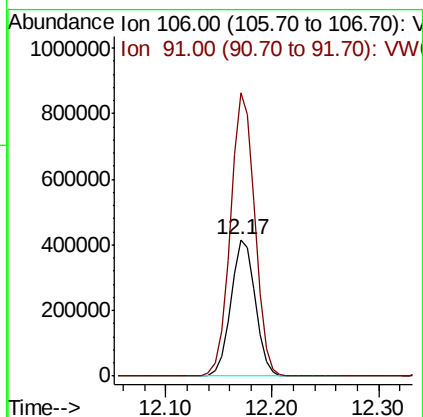
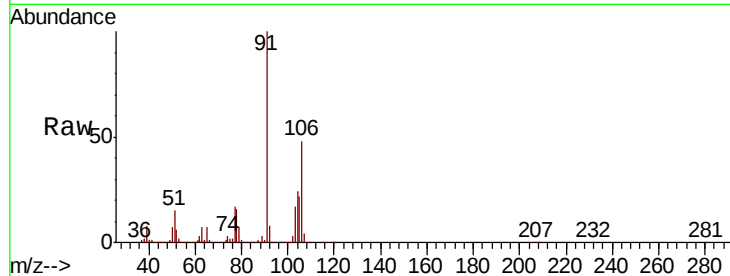




#69
o-Xylene
Concen: 72.270 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

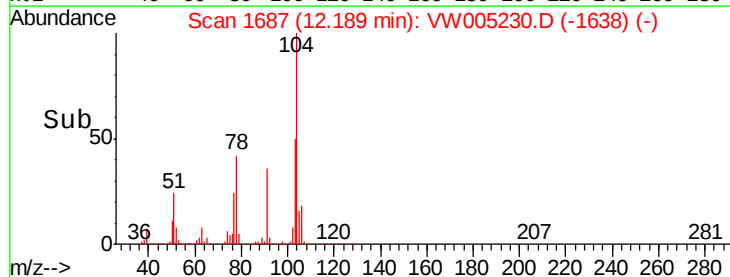
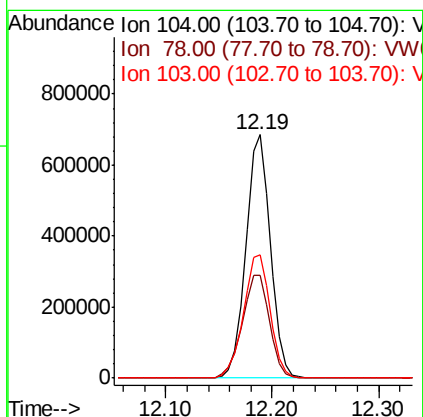
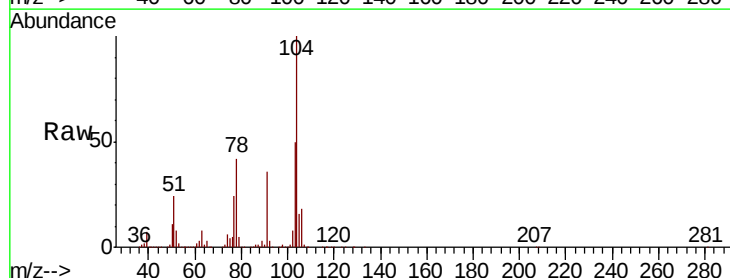
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

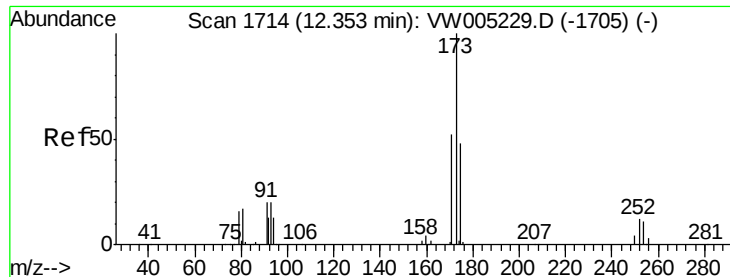
Tgt Ion:106 Resp: 664805
Ion Ratio Lower Upper
106 100
91 207.9 104.5 313.3



#70
Styrene
Concen: 73.133 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:104 Resp: 1107856
Ion Ratio Lower Upper
104 100
78 47.2 37.9 56.9
103 55.0 44.1 66.1





#71

Bromoform

Concen: 74.605 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

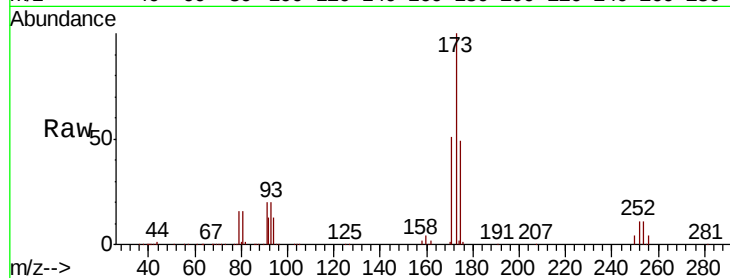
Tgt Ion:173 Resp: 179064

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

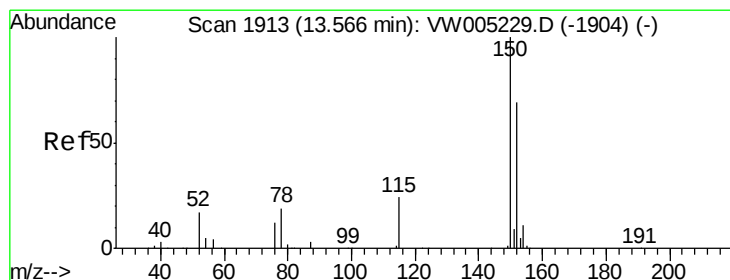
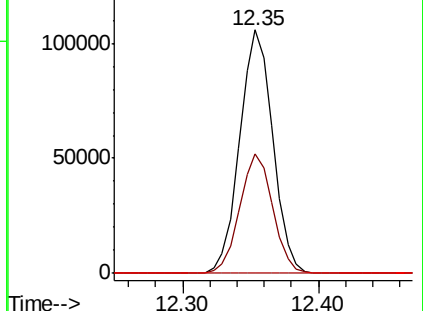
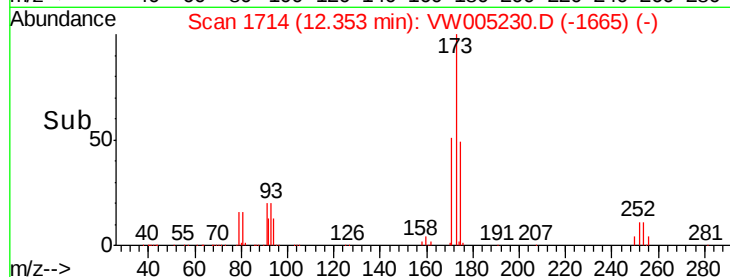
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

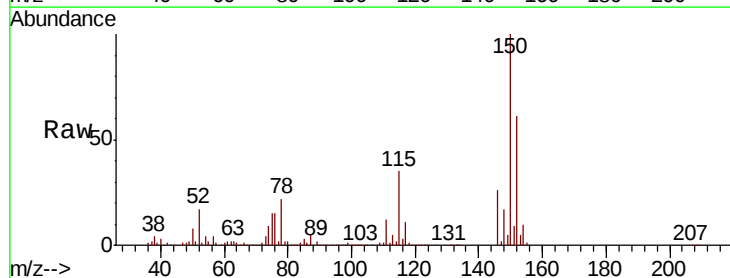
Tgt Ion:152 Resp: 351521

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.3

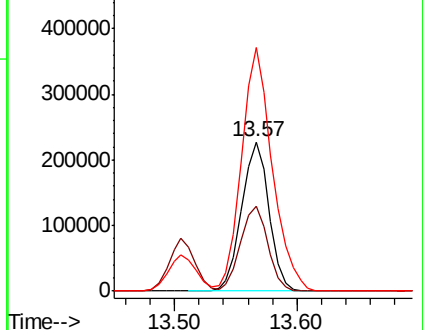
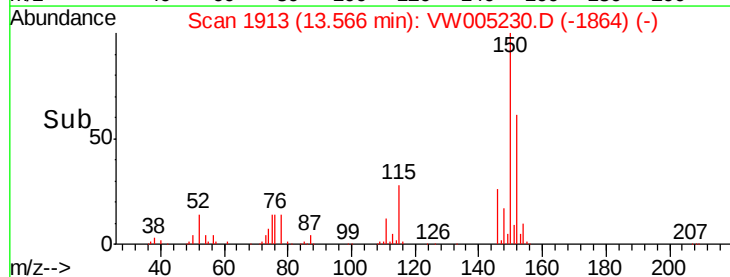
150 183.3 0.0 351.4

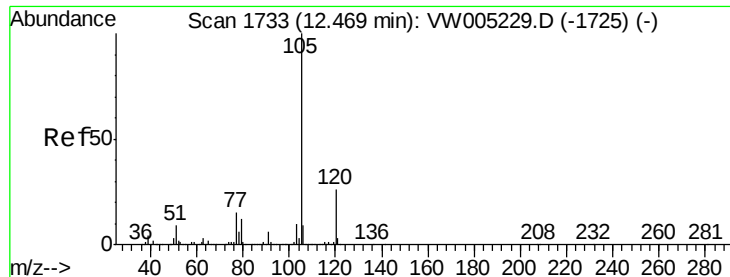


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 73.150 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

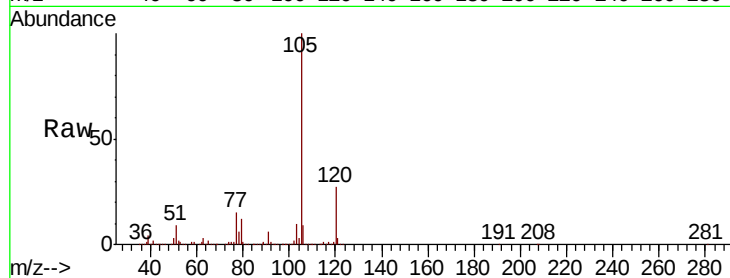
VSTDIC075

Tgt Ion: 105 Resp: 1786366

Ion Ratio Lower Upper

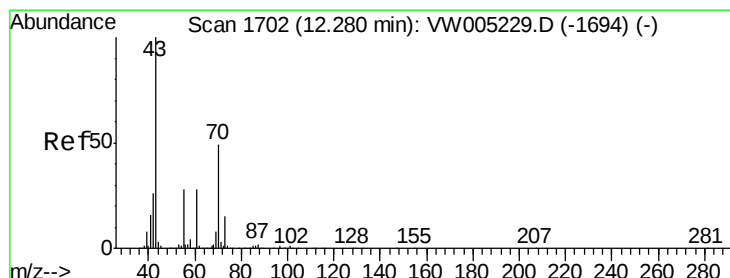
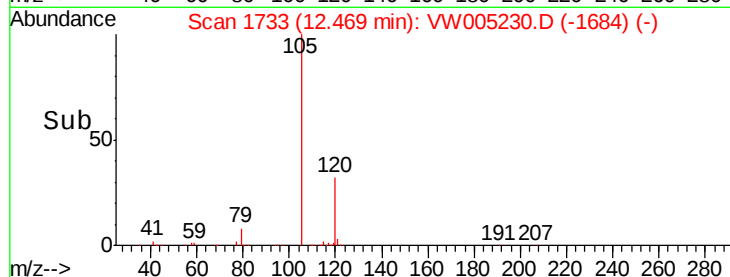
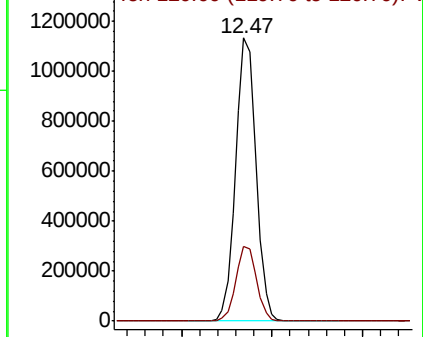
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 91.584 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Tgt Ion: 43 Resp: 397202

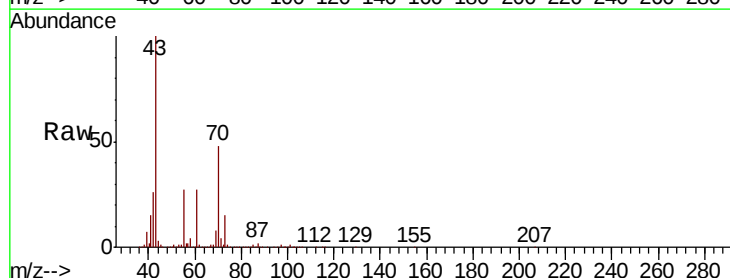
Ion Ratio Lower Upper

43 100

70 46.5 38.3 57.5

55 27.2 22.5 33.7

61 26.2 21.1 31.7

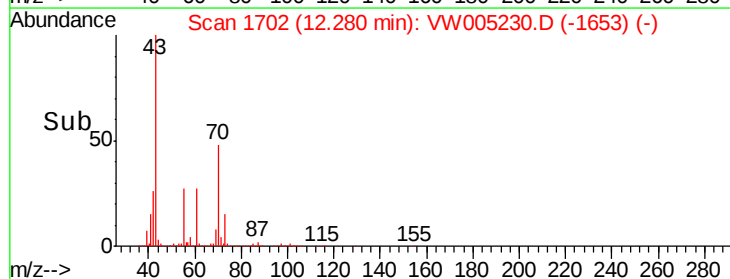
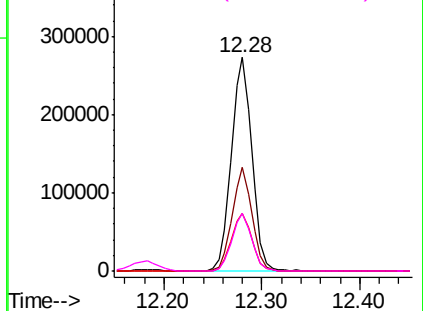


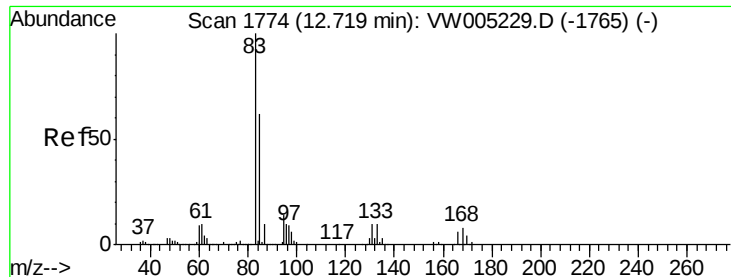
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 78.906 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

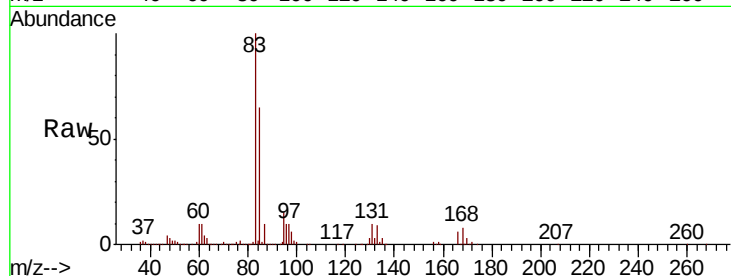
Tgt Ion: 83 Resp: 299189

Ion Ratio Lower Upper

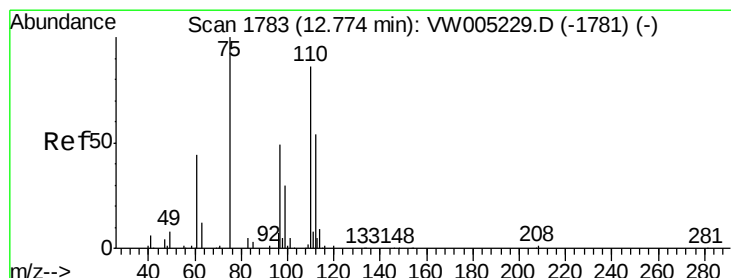
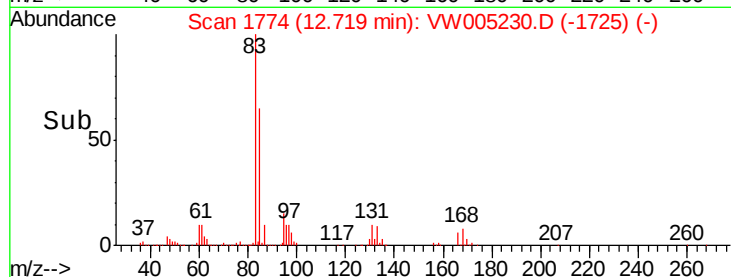
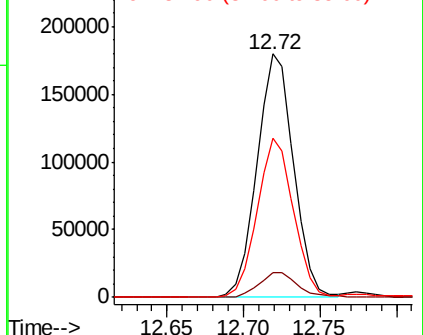
83 100

131 10.8 5.3 16.1

85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 147.650 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005230.D

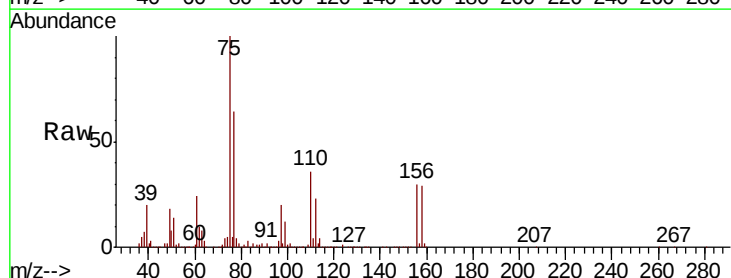
Acq: 08 Sep 2018 01:28

Tgt Ion: 75 Resp: 392948

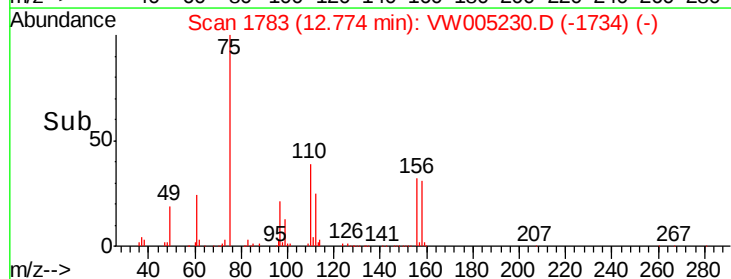
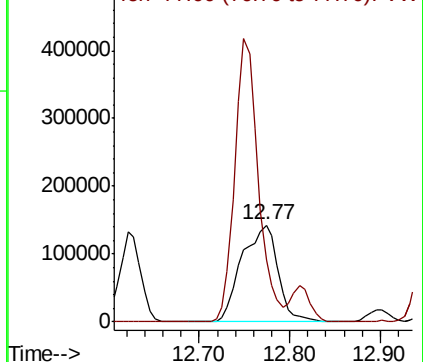
Ion Ratio Lower Upper

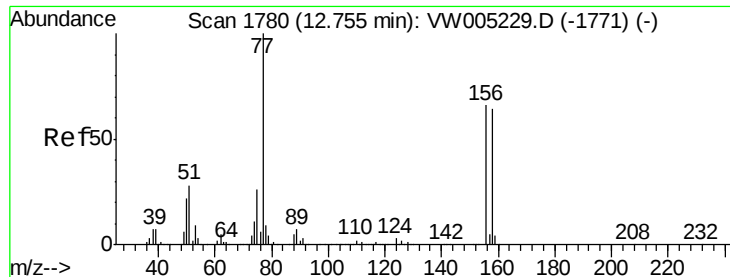
75 100

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: 70.414 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

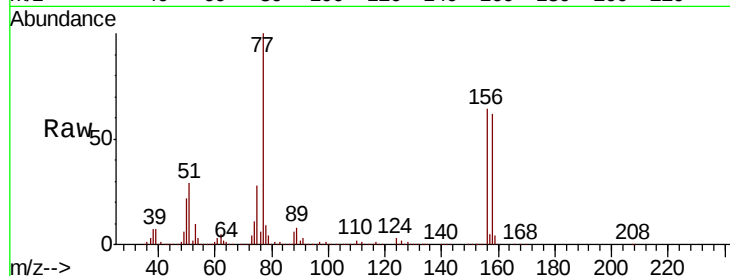
Tgt Ion:156 Resp: 424716

Ion Ratio Lower Upper

156 100

77 178.1 86.4 259.2

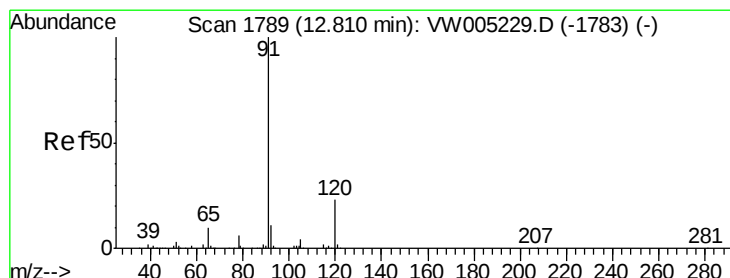
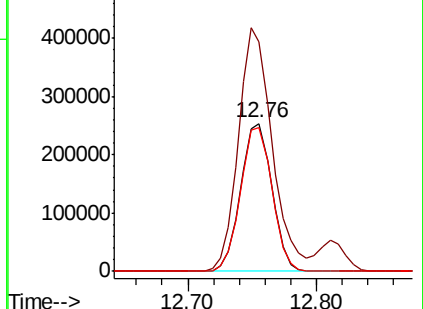
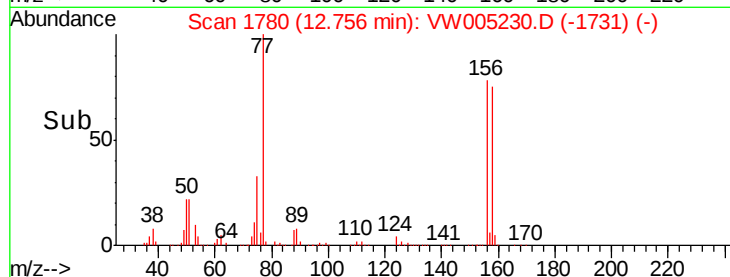
158 98.3 48.4 145.0



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: 73.228 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005230.D

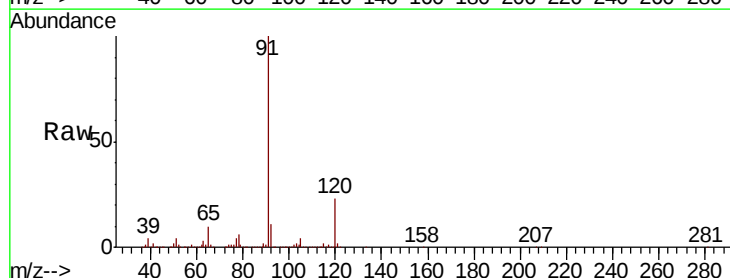
Acq: 08 Sep 2018 01:28

Tgt Ion: 91 Resp: 2153166

Ion Ratio Lower Upper

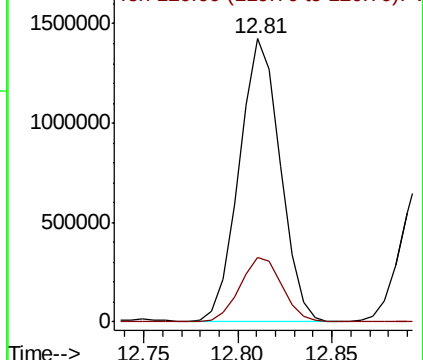
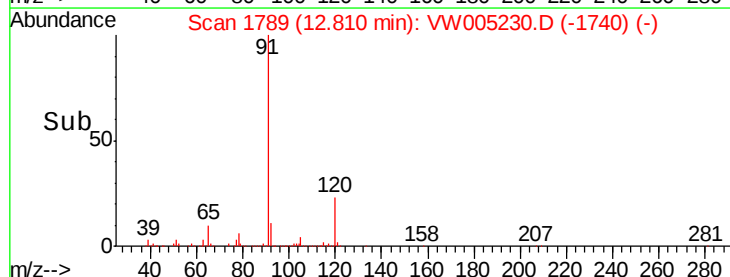
91 100

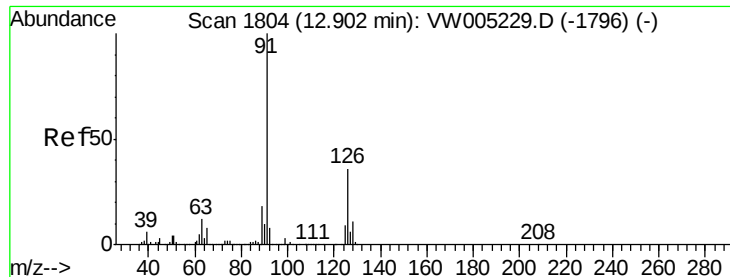
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 70.717 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

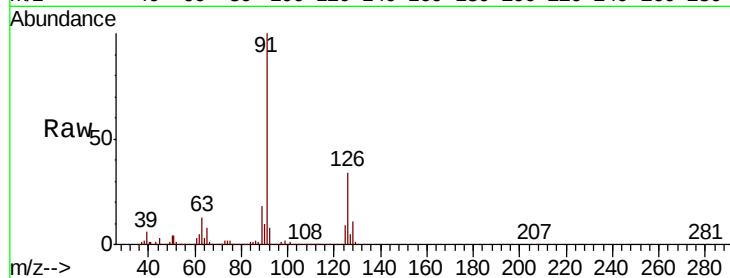
VSTDIC075

Tgt Ion: 91 Resp: 1215948

Ion Ratio Lower Upper

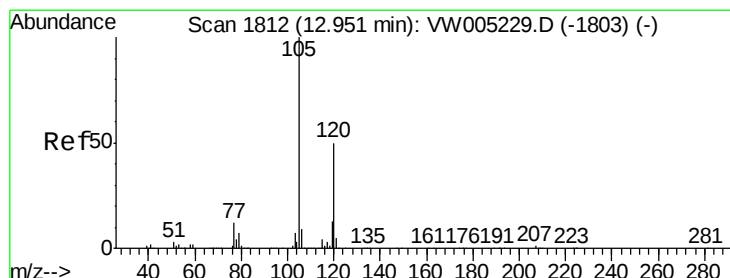
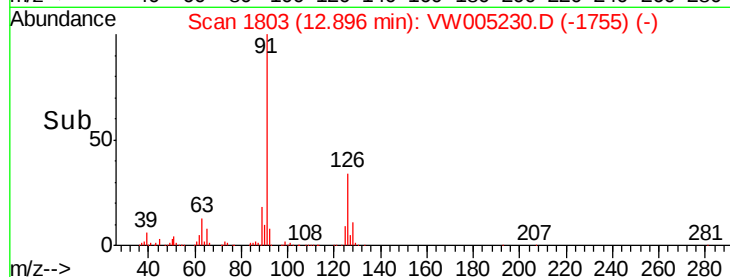
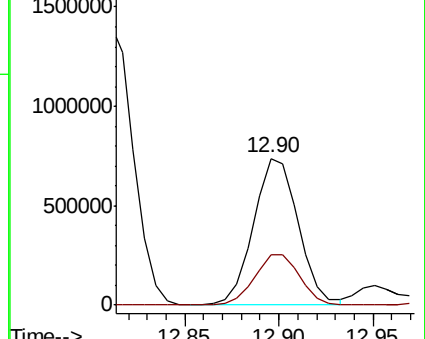
91 100

126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 72.845 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005230.D

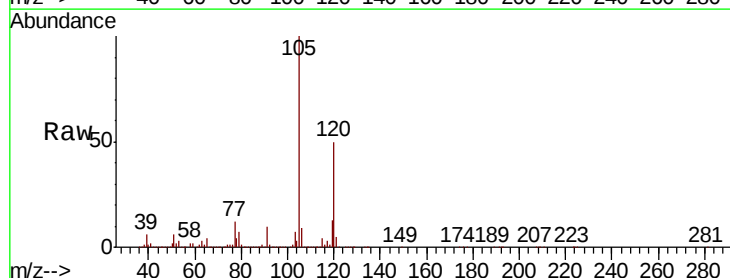
Acq: 08 Sep 2018 01:28

Tgt Ion: 105 Resp: 1531127

Ion Ratio Lower Upper

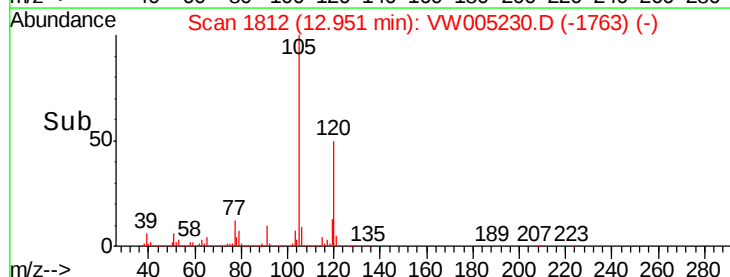
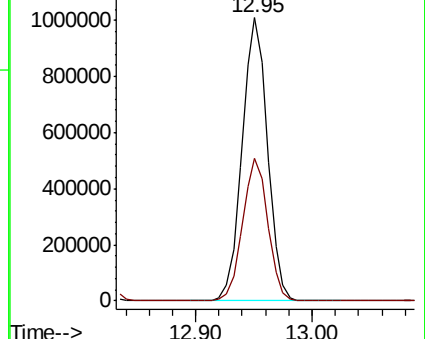
105 100

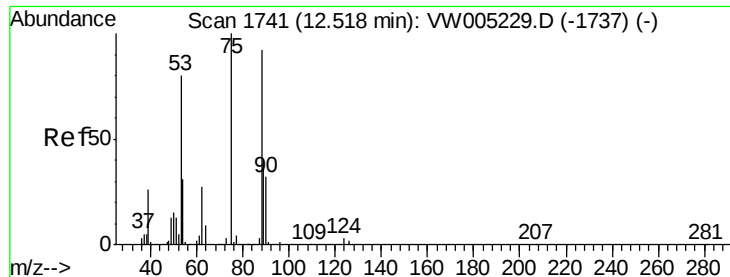
120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

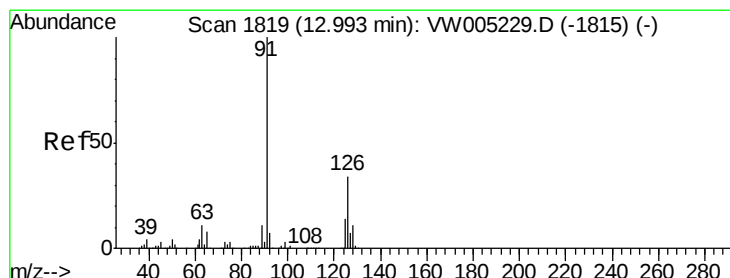
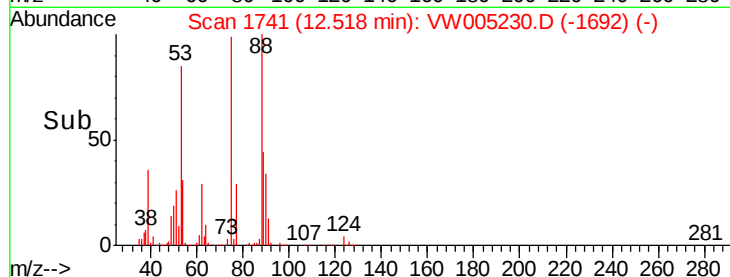
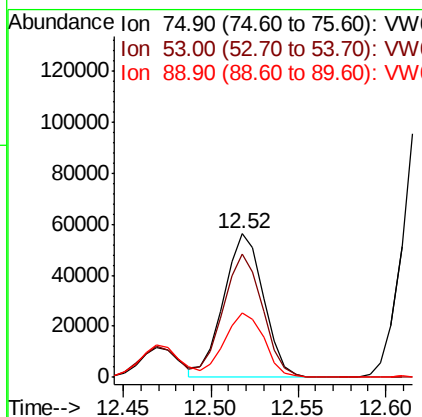
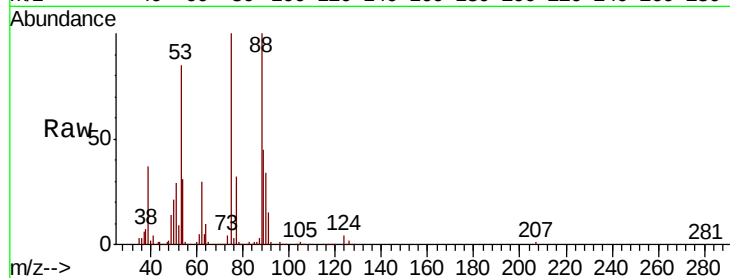




#81
trans-1,4-Dichloro-2-butene
Concen: 80.920 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

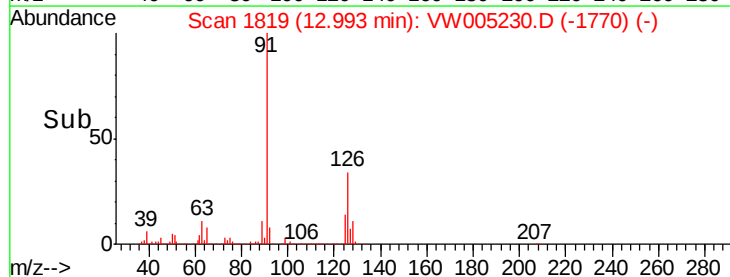
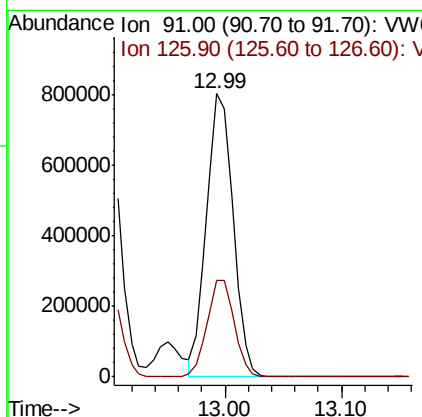
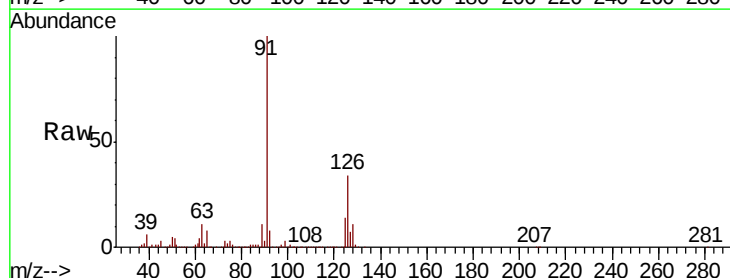
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

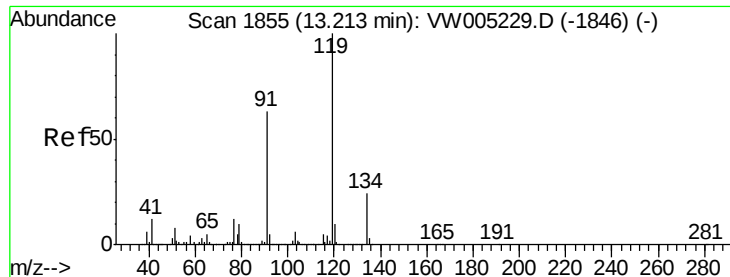
Tgt Ion: 75 Resp: 88560
Ion Ratio Lower Upper
75 100
53 86.1 69.0 103.6
89 44.7 35.8 53.8



#82
4-Chlorotoluene
Concen: 69.823 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion: 91 Resp: 1268651
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 72.803 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

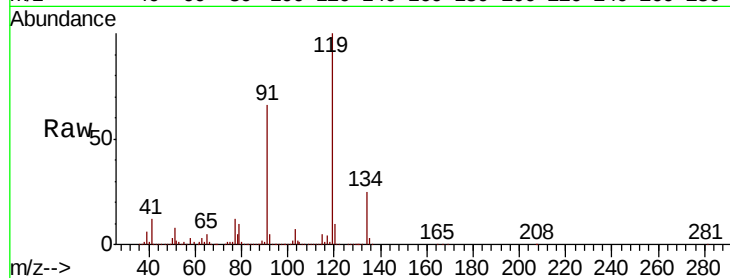
Tgt Ion:119 Resp: 1289420

Ion Ratio Lower Upper

119 100

91 64.5 30.8 92.3

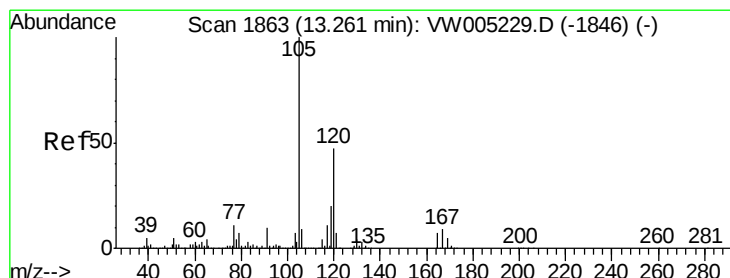
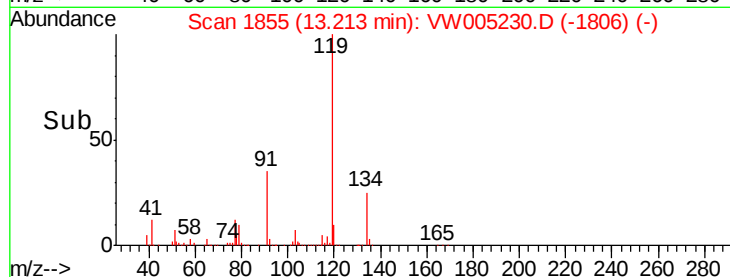
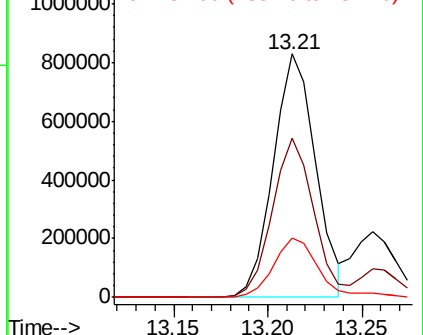
134 26.2 12.7 38.0



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



#84

1,2,4-Trimethylbenzene

Concen: 72.737 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VW005230.D

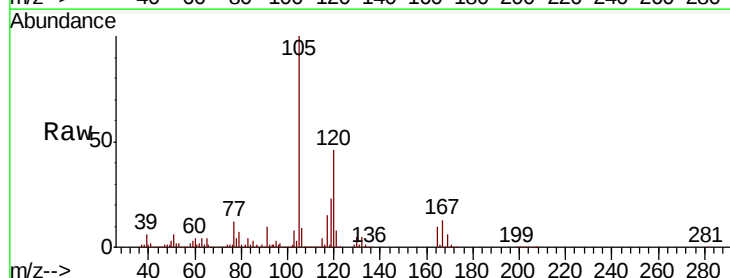
Acq: 08 Sep 2018 01:28

Tgt Ion:105 Resp: 1557037

Ion Ratio Lower Upper

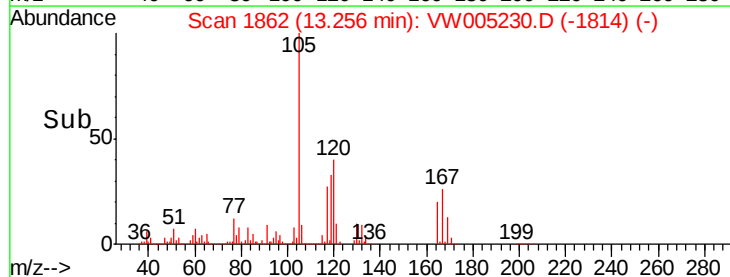
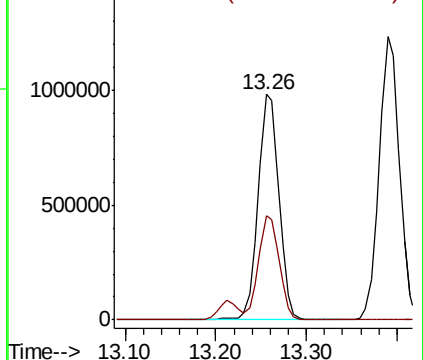
105 100

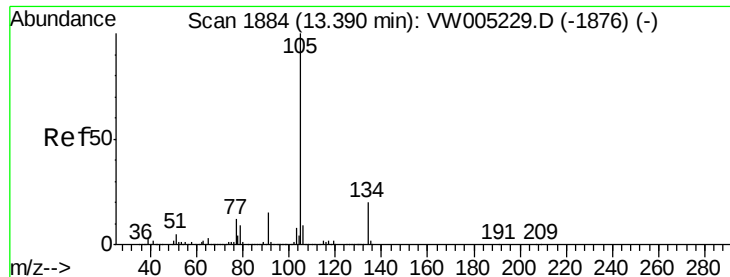
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

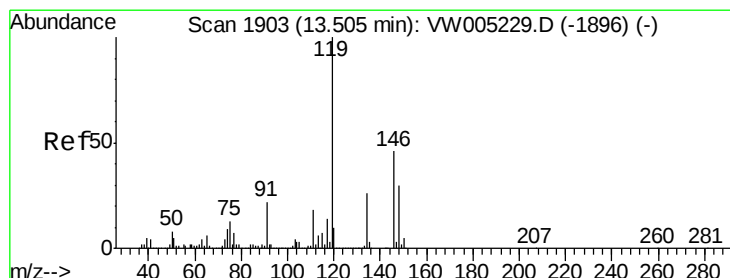
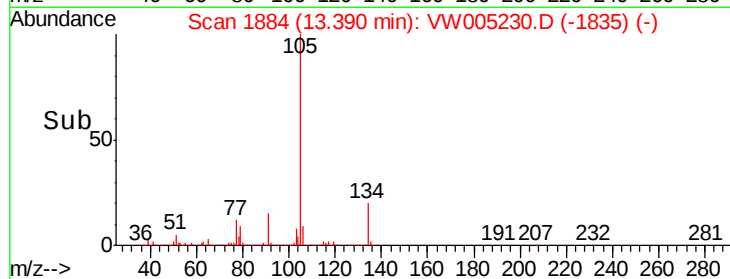
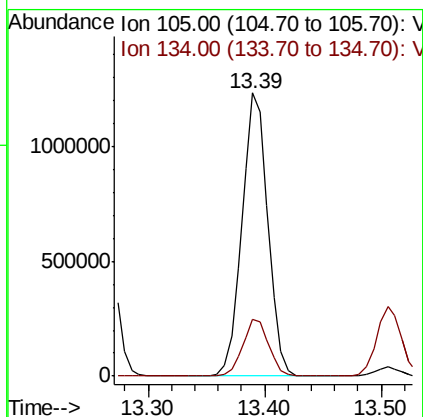
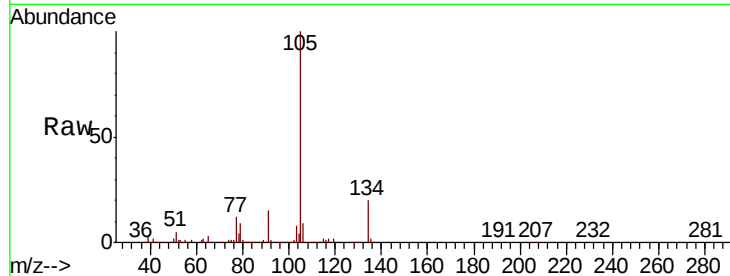




#85
 sec-Butylbenzene
 Concen: 73.618 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

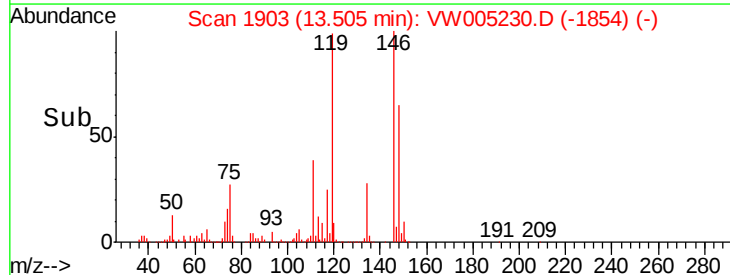
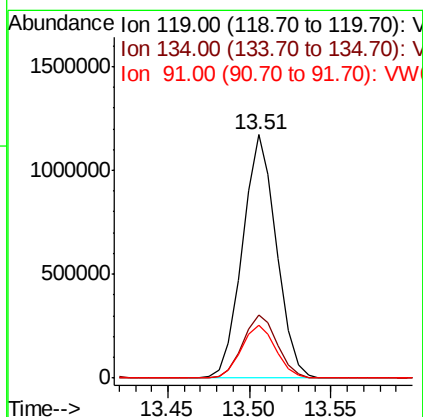
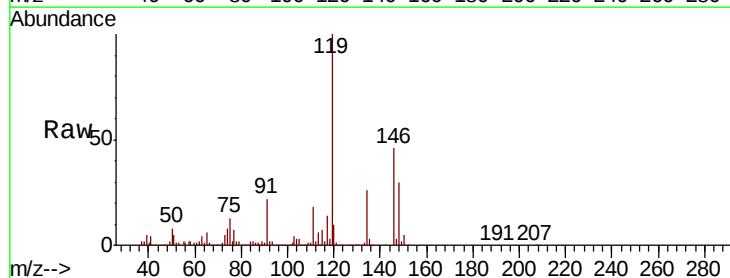
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

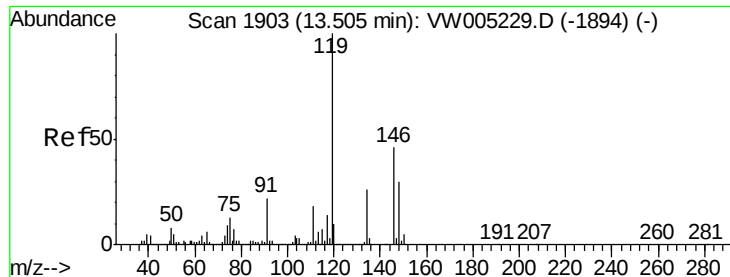
Tgt Ion:105 Resp: 1905586
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 73.925 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion:119 Resp: 1692561
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.1 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 69.217 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

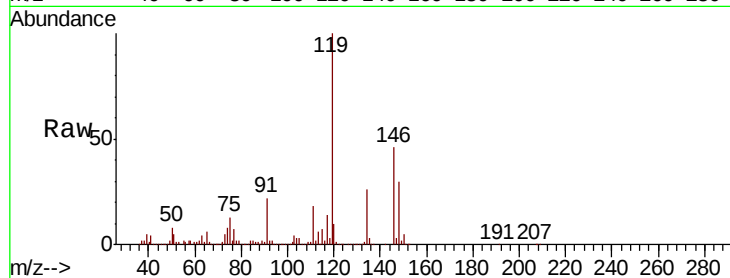
Tgt Ion:146 Resp: 855863

Ion Ratio Lower Upper

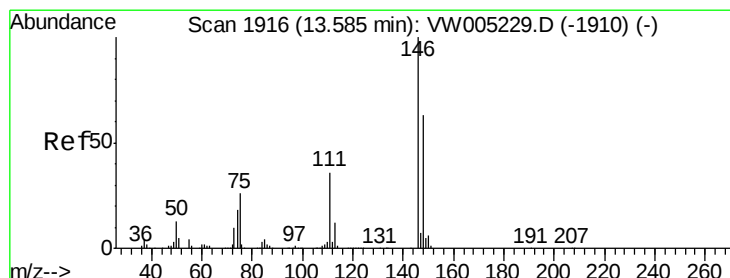
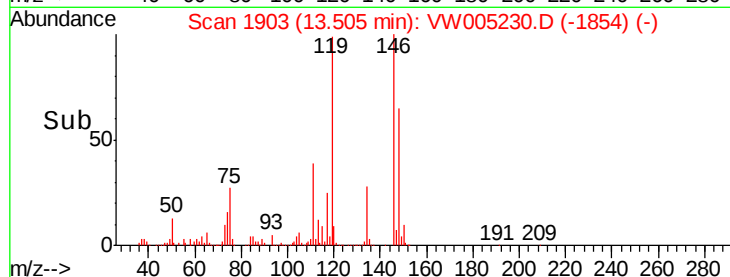
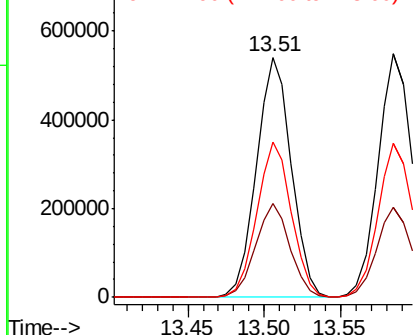
146 100

111 38.5 19.3 57.8

148 64.0 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



#88

1,4-Dichlorobenzene

Concen: 69.357 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

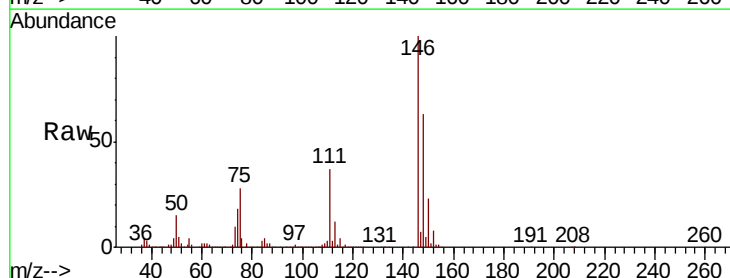
Tgt Ion:146 Resp: 852084

Ion Ratio Lower Upper

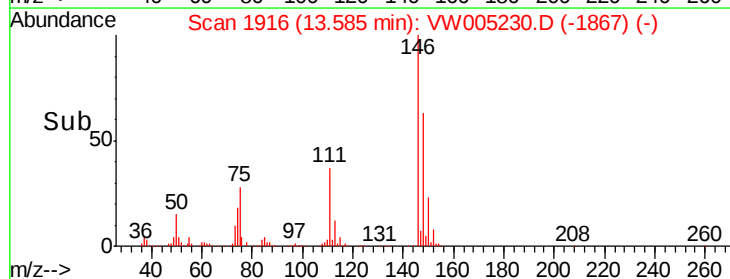
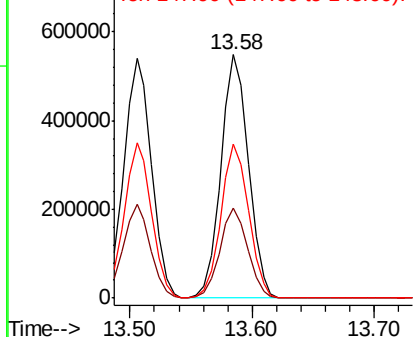
146 100

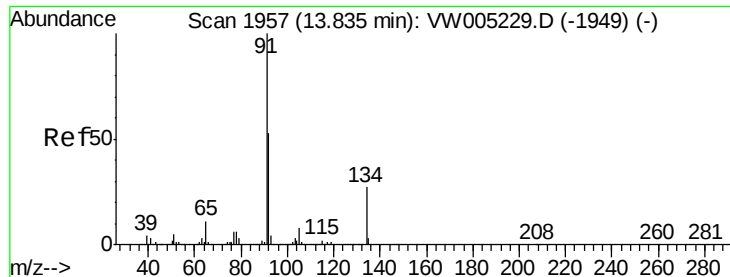
111 37.3 18.6 56.0

148 63.7 32.0 96.0



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





#89

n-Butylbenzene

Concen: 75.173 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW005230.D

Acq: 08 Sep 2018 01:28

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

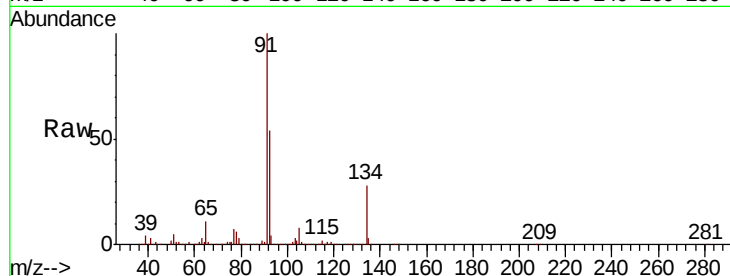
Tgt Ion: 91 Resp: 1592172

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.0

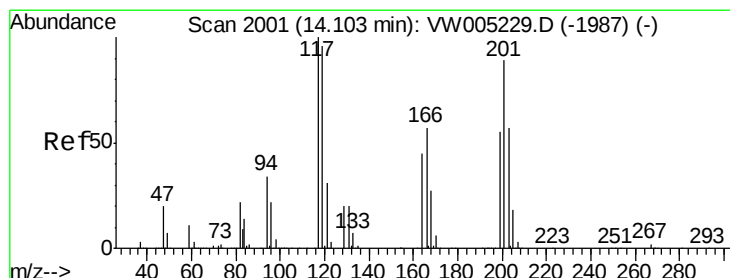
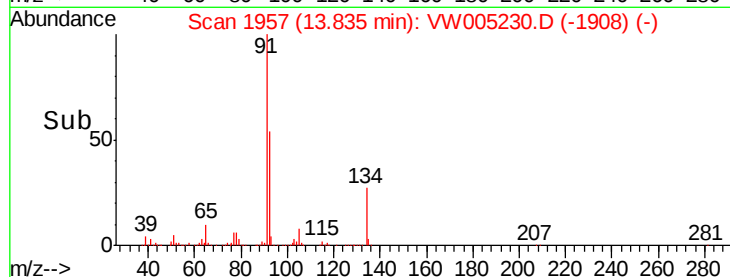
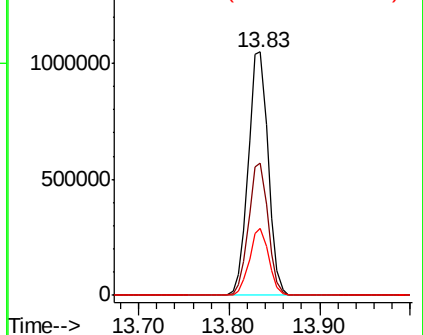
134 26.8 13.5 40.4



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: 72.031 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005230.D

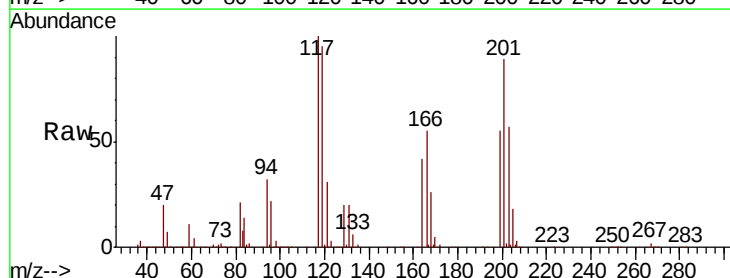
Acq: 08 Sep 2018 01:28

Tgt Ion: 117 Resp: 275375

Ion Ratio Lower Upper

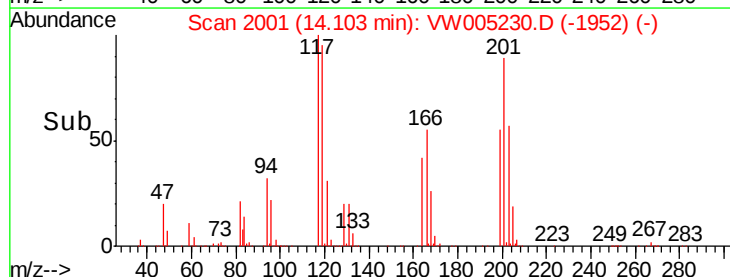
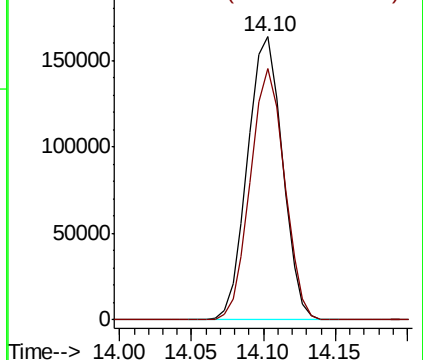
117 100

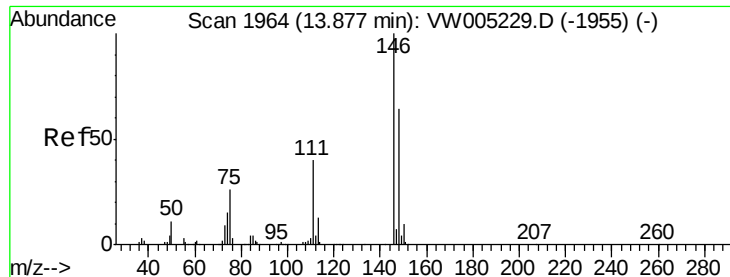
201 86.7 44.8 134.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

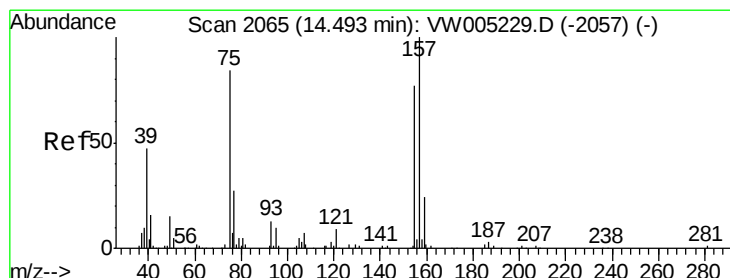
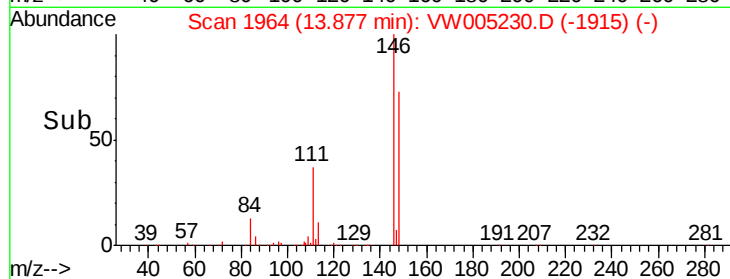
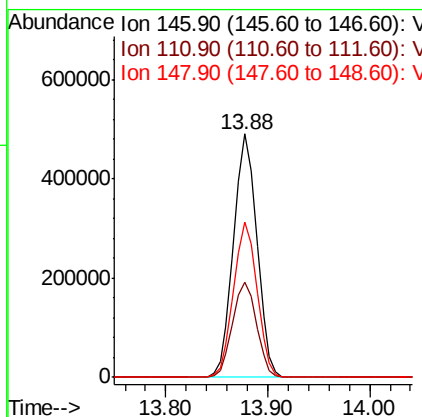
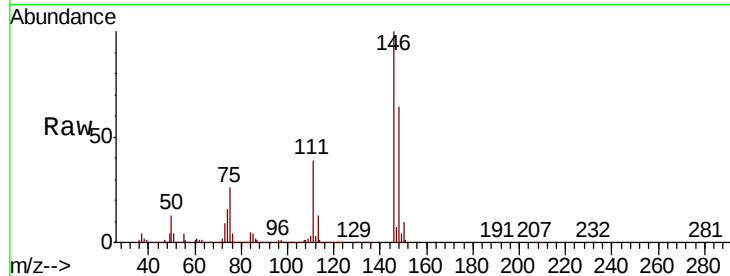




#91
 1,2-Dichlorobenzene
 Concen: 71.863 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

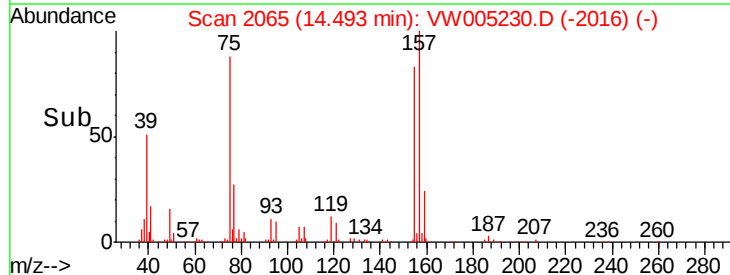
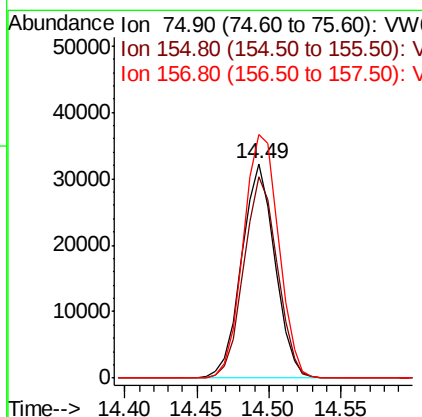
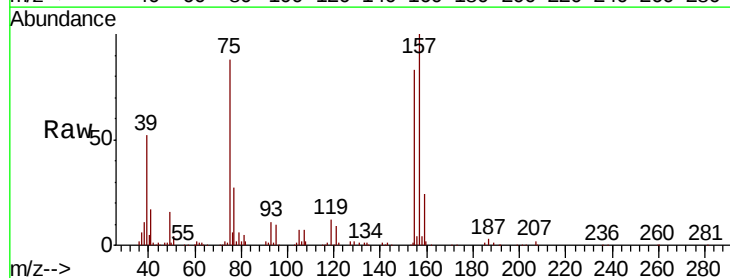
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

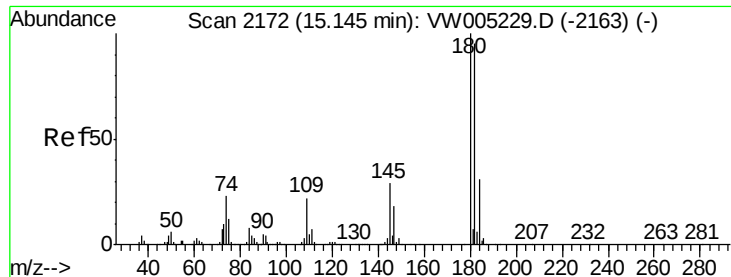
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.339 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.6	136.9
157	120.0	59.6	178.7

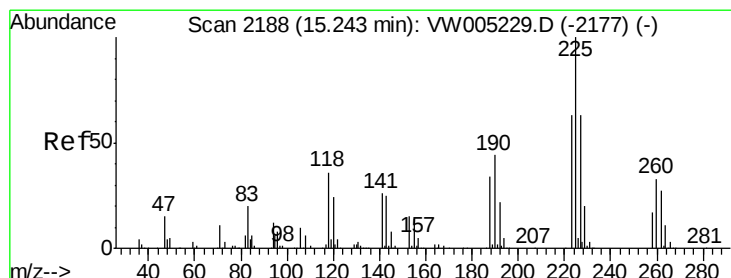
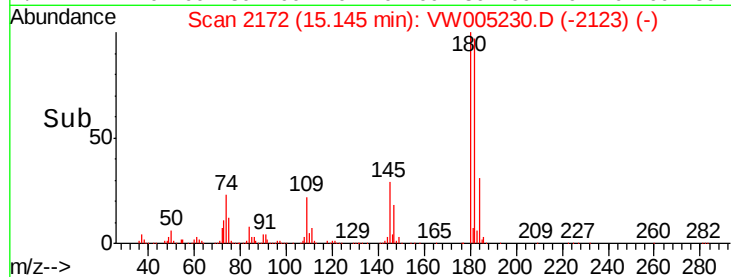
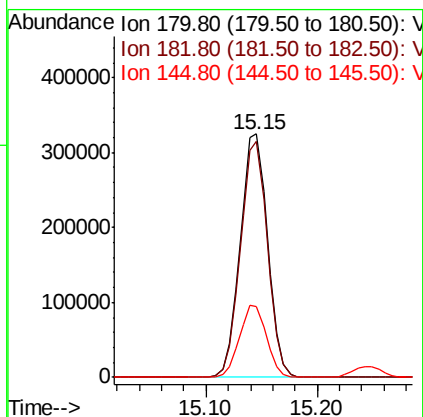
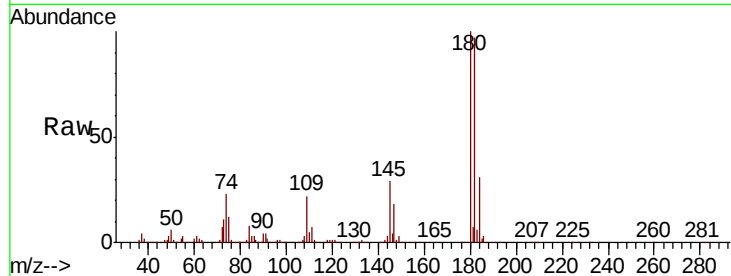




#93
 1,2,4-Trichlorobenzene
 Concen: 76.555 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

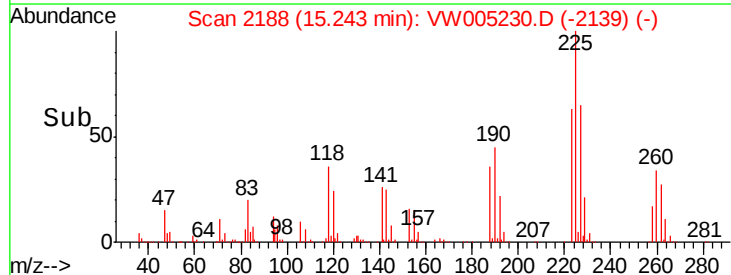
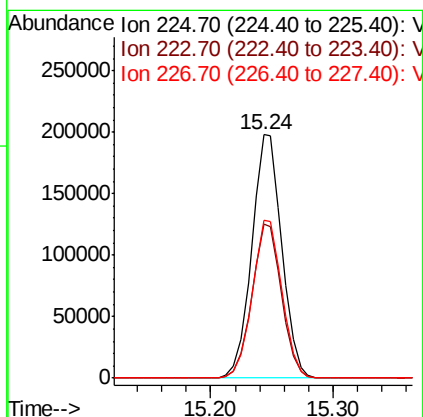
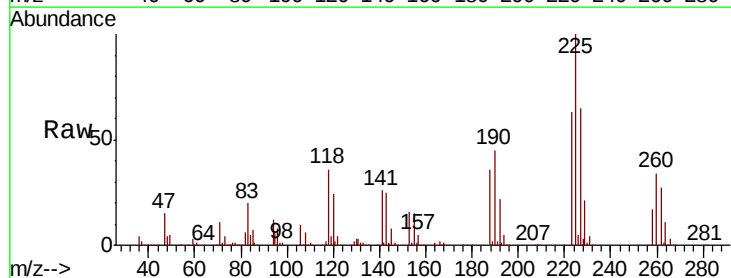
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

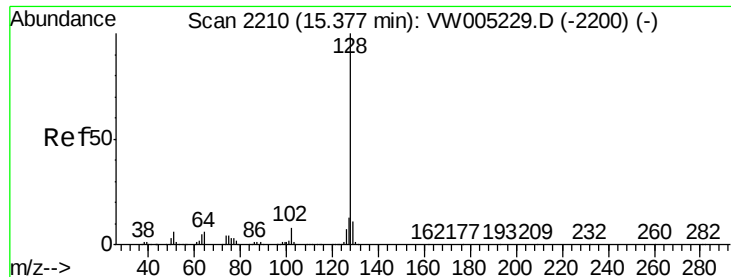
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	29.2	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 74.404 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005230.D
 Acq: 08 Sep 2018 01:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.2
227	64.3	31.9	95.9

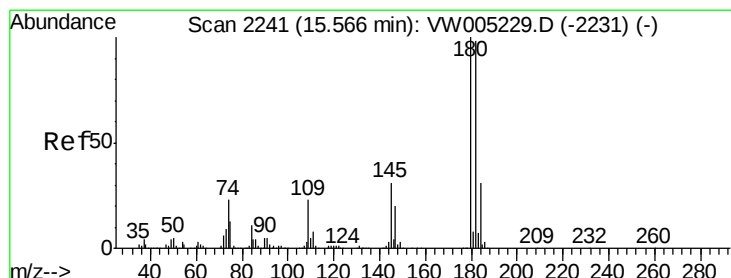
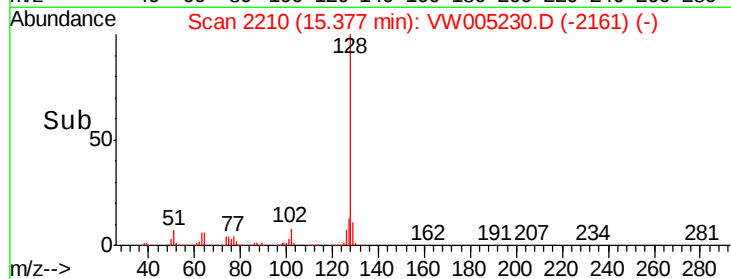
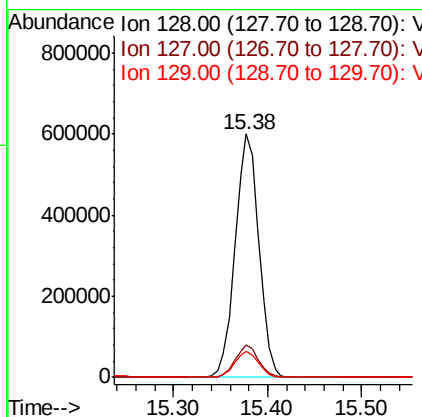
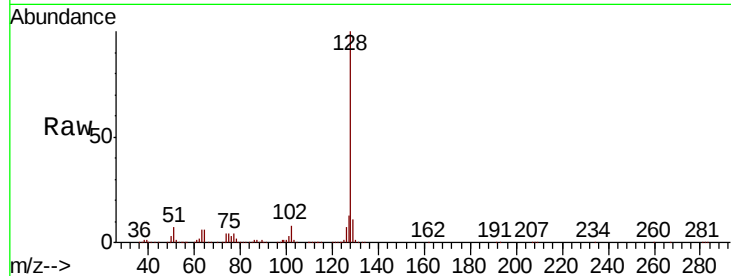




#95
Naphthalene
Concen: 90.813 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 1040647
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 78.975 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005230.D
Acq: 08 Sep 2018 01:28

Tgt Ion:180 Resp: 490386
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.7 15.3 45.9

