

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005406.D
 Acq On : 15 Sep 2018 01:22
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 9/17/2018 2:24:09 PM

Quant Time: Sep 15 02:26:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	243976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	346666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	346550	180.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	360.92%	
35) Dibromofluoromethane	7.89	113	292873	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1331587	138.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.22%	
62) 4-Bromofluorobenzene	12.63	95	478609	135.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	293172	136.96	ug/l	98
3) Chloromethane	2.21	50	385461	136.58	ug/l	100
4) Vinyl Chloride	2.35	62	367368	141.15	ug/l	98
5) Bromomethane	2.78	94	229378	129.17	ug/l	98
6) Chloroethane	2.91	64	218228	150.03	ug/l	99
7) Trichlorofluoromethane	3.26	101	487270	160.52	ug/l	99
8) Diethyl Ether	3.69	74	158024	150.84	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	289507	138.64	ug/l	99
10) Methyl Iodide	4.27	142	422131	182.51	ug/l	98
11) Tert butyl alcohol	5.22	59	109383	723.80	ug/l	98
12) 1,1-Dichloroethene	4.04	96	276534	144.29	ug/l	97
13) Acrolein	3.90	56	83230	599.50	ug/l	98
14) Allyl chloride	4.67	41	536469	175.78	ug/l	99
15) Acrylonitrile	5.38	53	358078	757.05	ug/l	99
16) Acetone	4.15	43	259515	748.96	ug/l	100
17) Carbon Disulfide	4.38	76	989222	147.34	ug/l	99
18) Methyl Acetate	4.68	43	178911	171.20	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	780985	166.43	ug/l	96
20) Methylene Chloride	4.92	84	345167	119.57	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	328943	146.17	ug/l	97
22) Diisopropyl ether	6.32	45	1055022	171.45	ug/l	98
23) Vinyl Acetate	6.26	43	2999915	871.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	611732	162.44	ug/l	98
25) 2-Butanone	7.18	43	414580	757.20	ug/l	97
26) 2,2-Dichloropropane	7.17	77	511169	156.29	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	365755	151.35	ug/l	98
28) Bromochloromethane	7.52	49	227763	164.38	ug/l	99
29) Tetrahydrofuran	7.54	42	282821	775.01	ug/l	99
30) Chloroform	7.68	83	624785	165.24	ug/l	98
31) Cyclohexane	7.96	56	552708	141.83	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	555348	161.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	495452	146.43	ug/l	100
37) Ethyl Acetate	7.26	43	198431	151.73	ug/l	99
38) Carbon Tetrachloride	8.07	117	495784	153.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	619958	140.98	ug/l	98
40) Benzene	8.33	78	1438671	145.10	ug/l	99
41) Methacrylonitrile	7.49	41	131072	192.12	ug/l	98
42) 1,2-Dichloroethane	8.41	62	433633	173.33	ug/l	99
43) Isopropyl Acetate	8.43	43	408475	167.29	ug/l	100
44) Trichloroethene	9.10	130	370085	137.47	ug/l	95
45) 1,2-Dichloropropane	9.38	63	342235	143.67	ug/l	99
46) Dibromomethane	9.46	93	168514	143.41	ug/l	99
47) Bromodichloromethane	9.65	83	452605	155.18	ug/l	99
48) Methyl methacrylate	9.45	41	213719	169.87	ug/l	97
49) 1,4-Dioxane	9.48	88	54229	2541.93	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	1027197	757.58	ug/l	99
52) Toluene	10.40	92	986695	137.68	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	491412	157.97	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	545660	147.95	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	245467	133.27	ug/l	97
56) Ethyl methacrylate	10.65	69	349755	149.27	ug/l	98
57) 1,3-Dichloropropane	10.94	76	438413	141.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	793833	775.92	ug/l	100
59) 2-Hexanone	10.98	43	697354	716.32	ug/l	99
60) Dibromochloromethane	11.13	129	310695	149.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227425	134.77	ug/l	100
64) Tetrachloroethene	10.87	164	368752	143.74	ug/l	98
65) Chlorobenzene	11.66	112	1053417	139.74	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346534	152.10	ug/l	100
67) Ethyl Benzene	11.74	91	1949854	148.11	ug/l	99
68) m/p-Xylenes	11.85	106	1485533	281.63	ug/l	99
69) o-Xylene	12.17	106	699451	142.80	ug/l	100
70) Styrene	12.19	104	1159012	144.56	ug/l	99
71) Bromoform	12.35	173	183812	149.40	ug/l #	100
73) Isopropylbenzene	12.47	105	1932007	161.09	ug/l	100
74) N-amyl acetate	12.28	43	404907	173.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	262112	146.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	191135m	145.81	ug/l	
77) Bromobenzene	12.76	156	422335	148.81	ug/l	99
78) n-propylbenzene	12.81	91	2292127	157.98	ug/l	100
79) 2-Chlorotoluene	12.90	91	1314587	157.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1650375	159.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	85958	154.73	ug/l	100
82) 4-Chlorotoluene	12.99	91	1372823	156.36	ug/l	100
83) tert-Butylbenzene	13.21	119	1376411	153.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1656431	158.78	ug/l	99
85) sec-Butylbenzene	13.39	105	1954819	151.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	1764597	154.65	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	828554	139.92	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	806326	137.76	ug/l	100
89) n-Butylbenzene	13.83	91	1625036	151.52	ug/l	99
90) Hexachloroethane	14.10	117	295518	159.90	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	712096	136.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47077	154.36	ug/l	97

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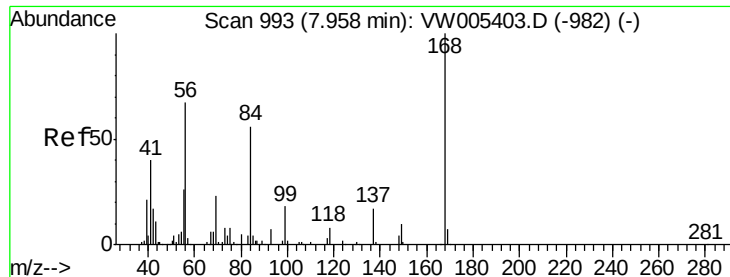
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	505401	137.33	ug/l	99
94) Hexachlorobutadiene	15.24	225	307818	130.66	ug/l	100
95) Naphthalene	15.38	128	930813	156.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	444442	140.61	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 243976

Ion Ratio Lower Upper

168 100

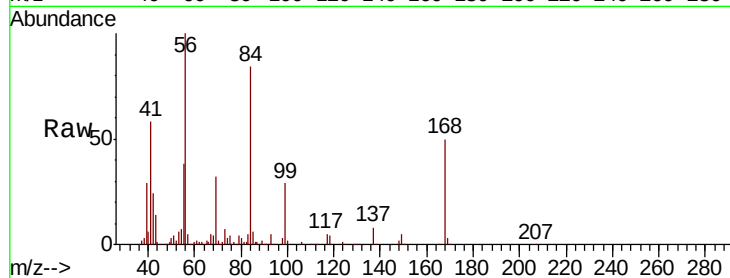
99 57.0 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

100000

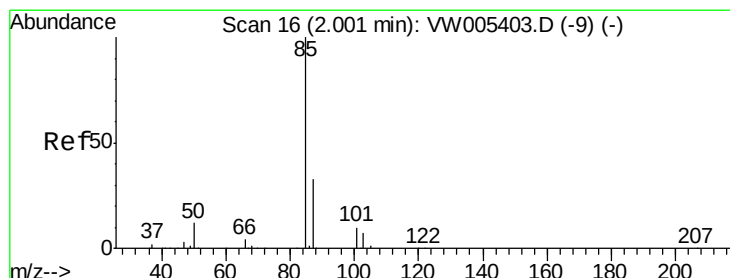
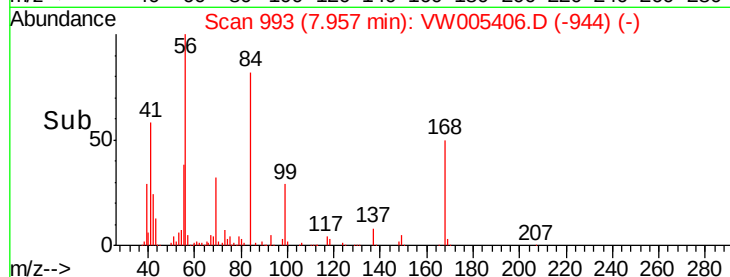
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 136.96 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005406.D

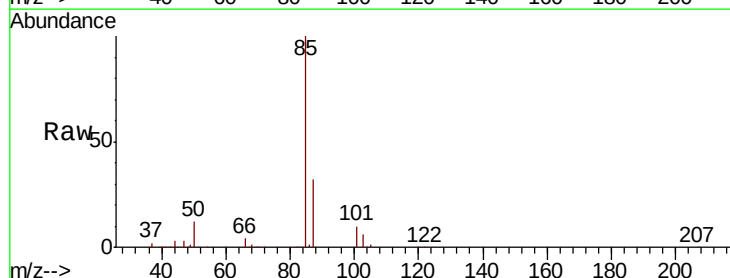
Acq: 15 Sep 2018 01:22

Tgt Ion: 85 Resp: 293172

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

50000

0

1.90

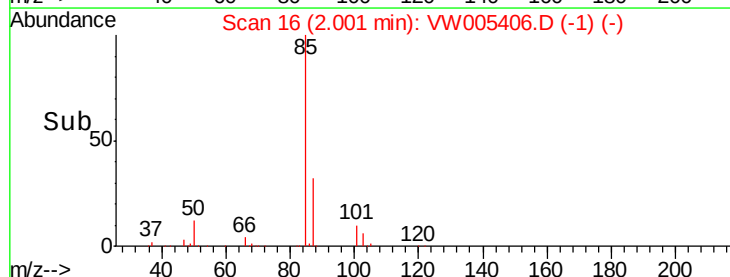
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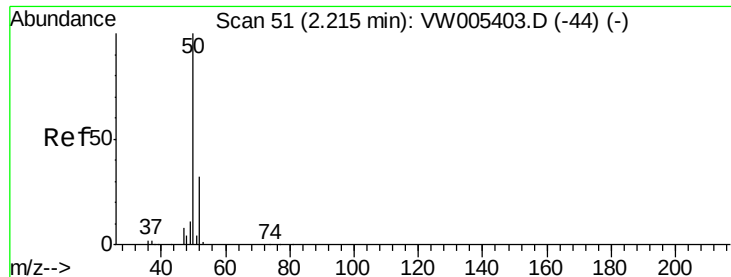
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 136.58 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 385461

Ion Ratio Lower Upper

50 100

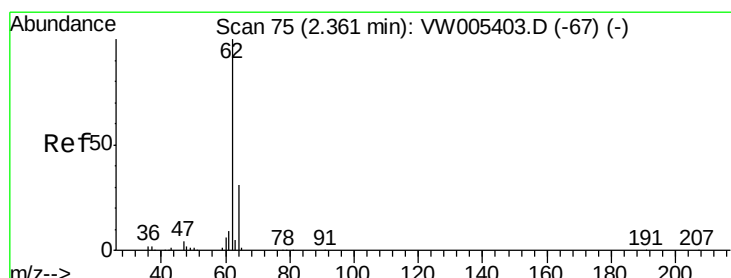
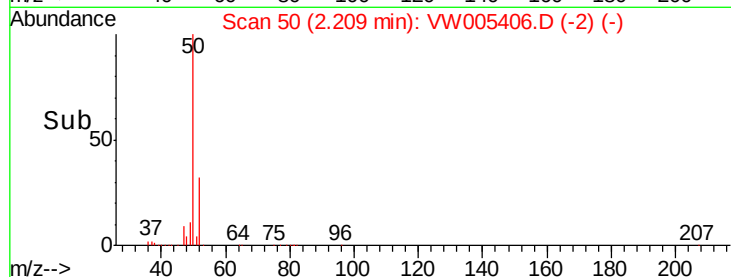
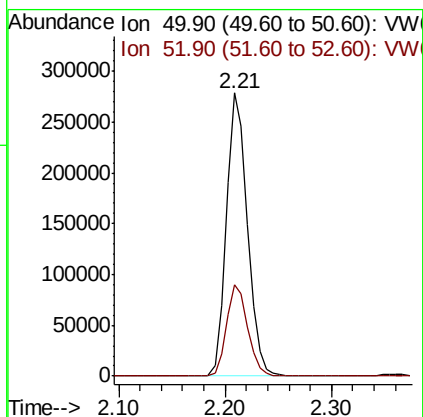
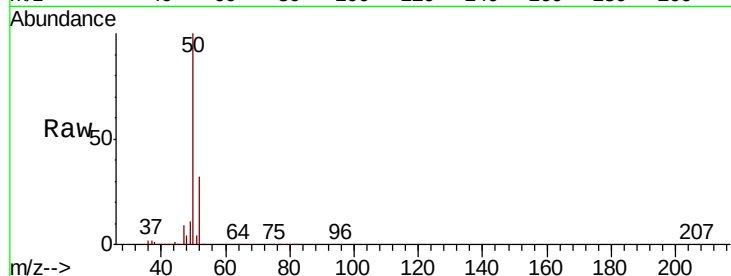
52 32.1 25.8 38.6

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#4

Vinyl Chloride

Concen: 141.15 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005406.D

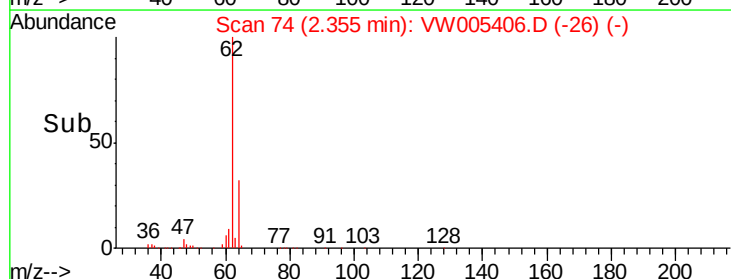
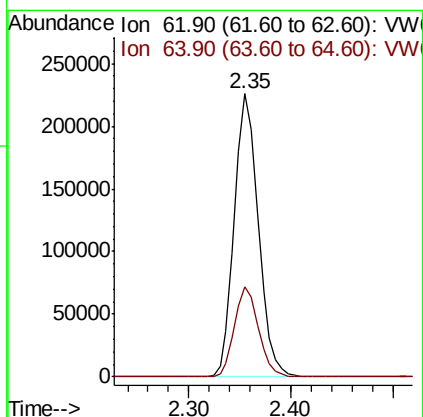
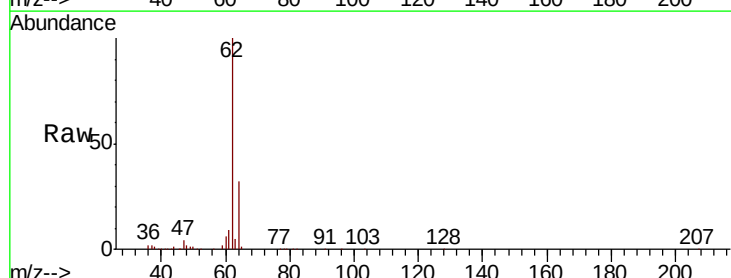
Acq: 15 Sep 2018 01:22

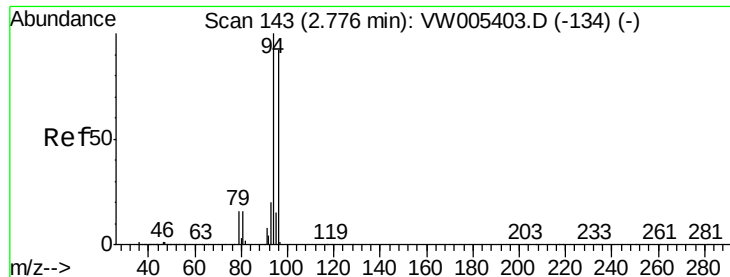
Tgt Ion: 62 Resp: 367368

Ion Ratio Lower Upper

62 100

64 31.7 24.5 36.7





#5

Bromomethane

Concen: 129.17 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 229378

Ion Ratio Lower Upper

94 100

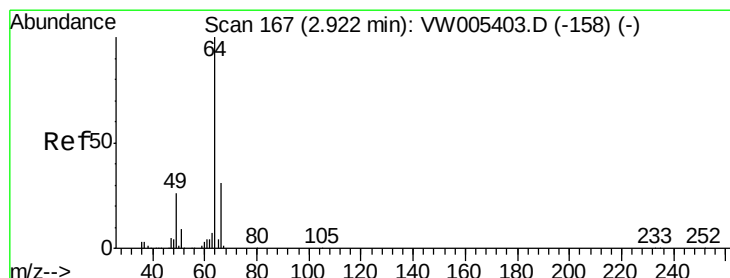
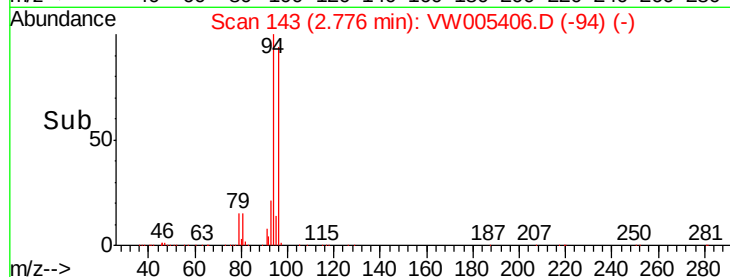
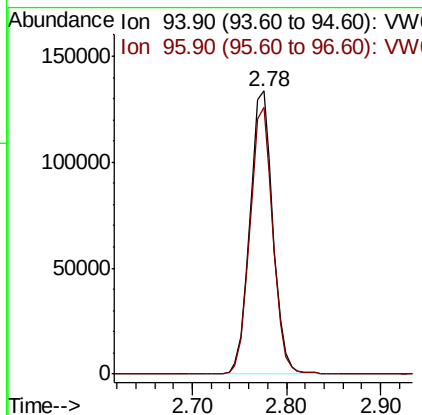
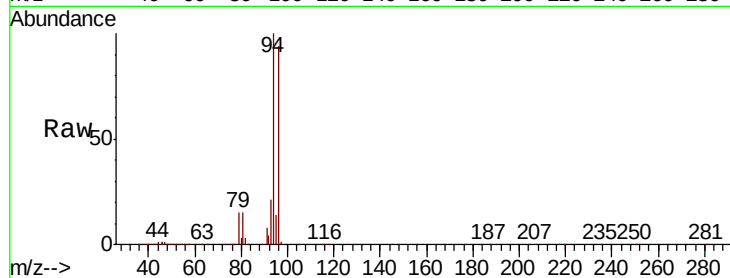
96 94.0 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 150.03 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005406.D

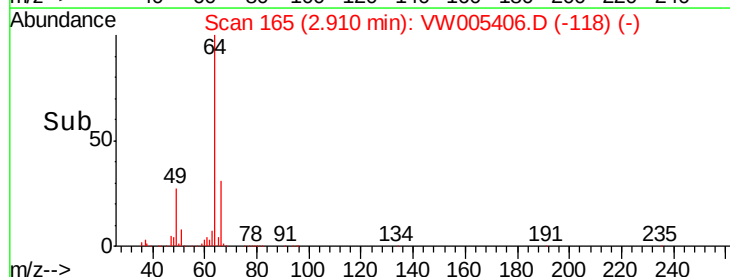
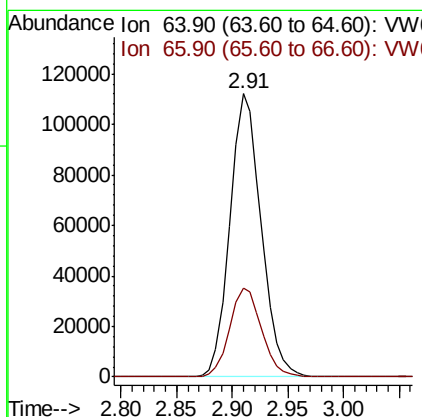
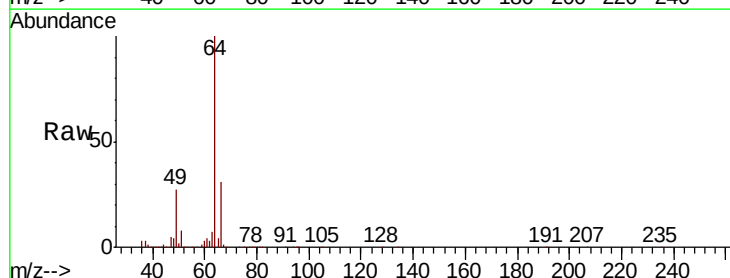
Acq: 15 Sep 2018 01:22

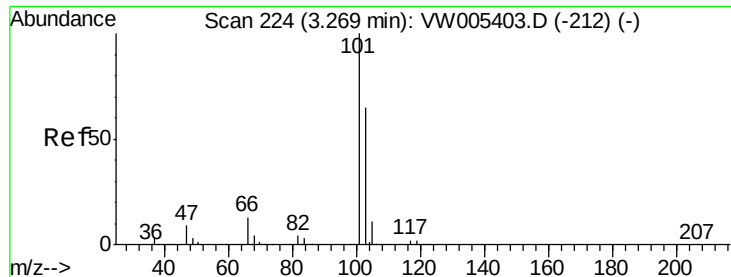
Tgt Ion: 64 Resp: 218228

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8





#7

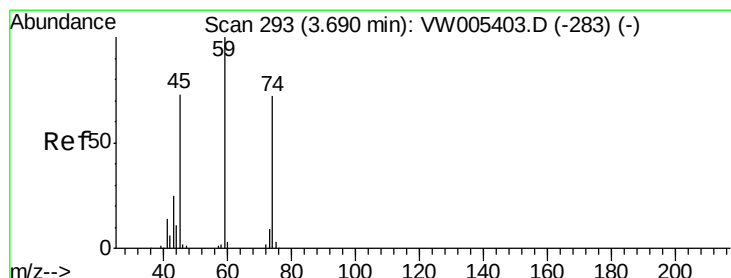
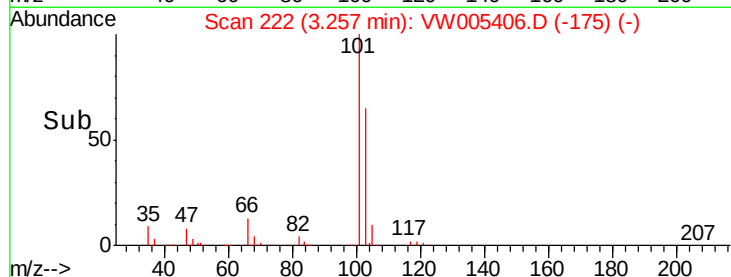
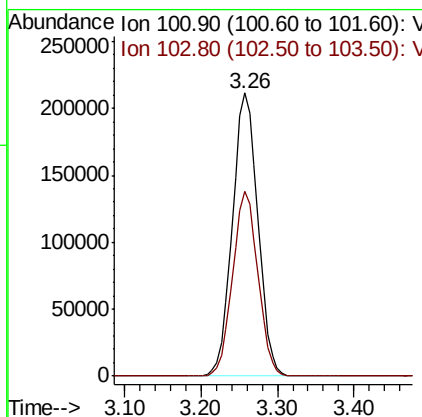
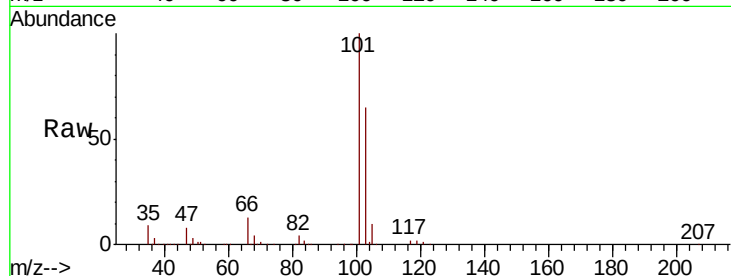
Trichlorofluoromethane
 Concen: 160.52 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

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 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.7	77.5

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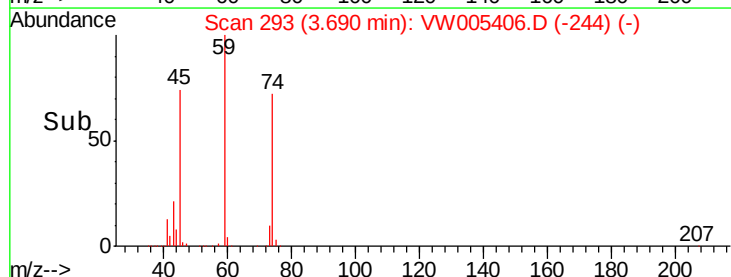
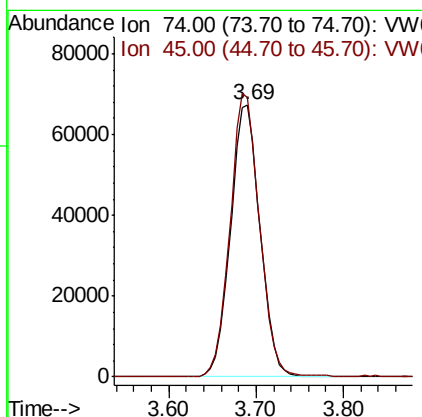
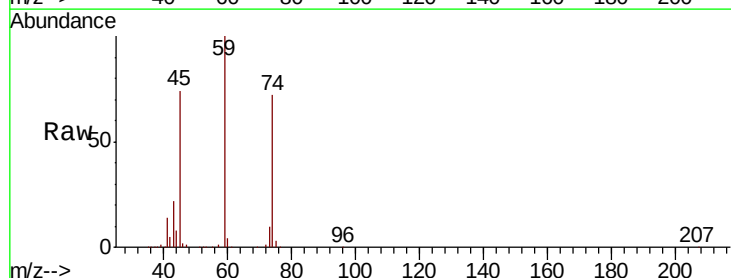
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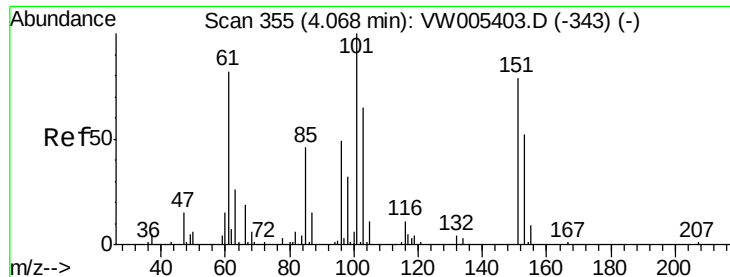


#8

Diethyl Ether
 Concen: 150.84 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	53.1	159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.64 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

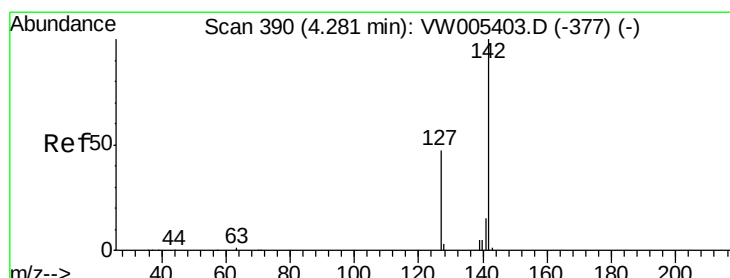
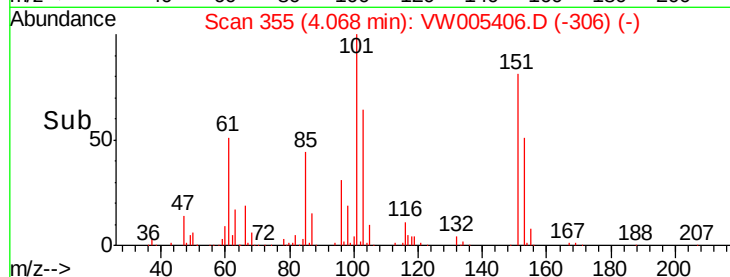
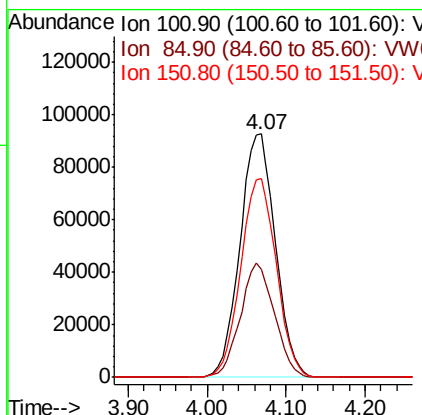
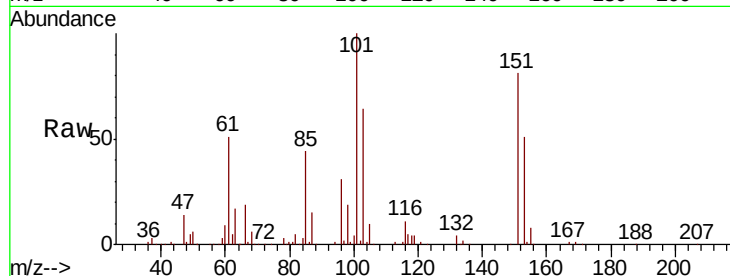
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	289507
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	54.8
151	81.9	66.3	99.5

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#10

Methyl Iodide

Concen: 182.51 ug/l

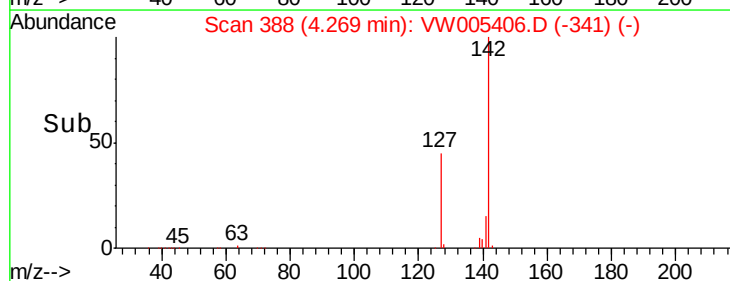
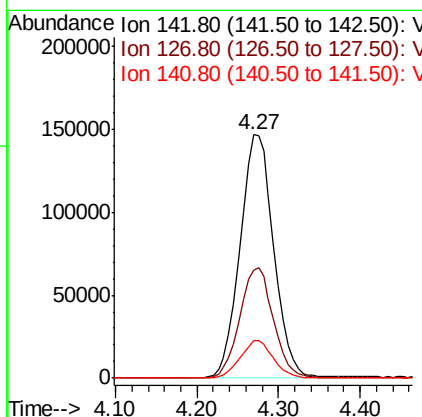
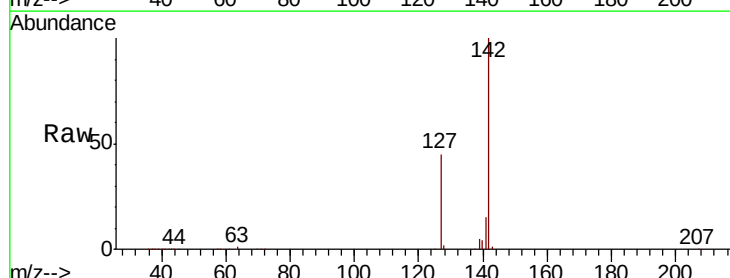
RT: 4.27 min Scan# 388

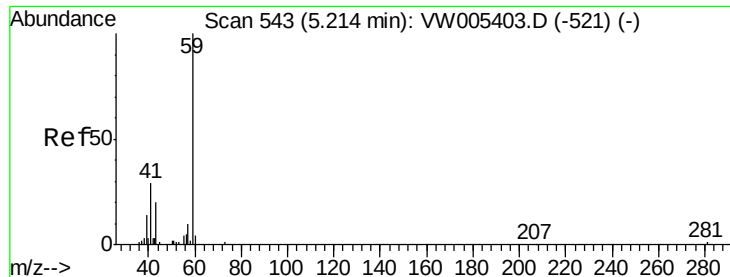
Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	142	Resp:	422131
Ion Ratio	Lower	Upper	
142	100		
127	45.1	37.5	56.3
141	15.0	12.4	18.6





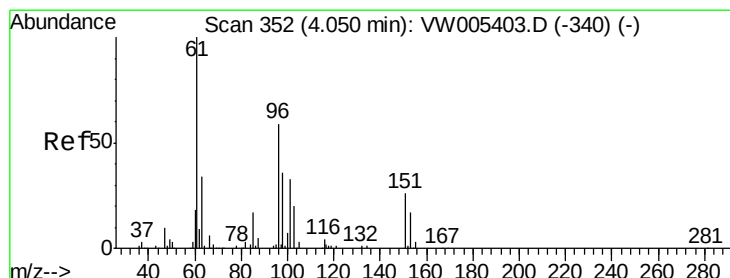
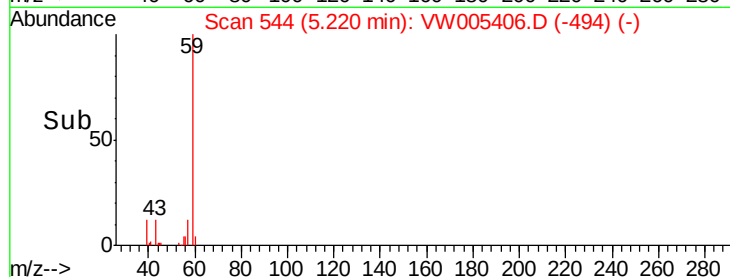
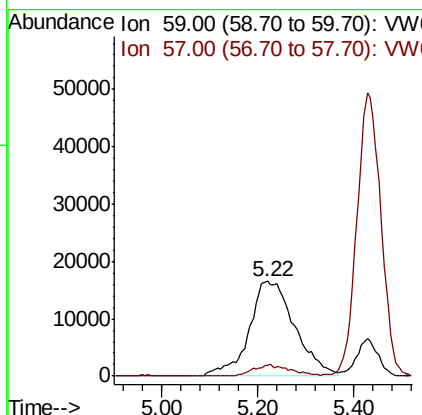
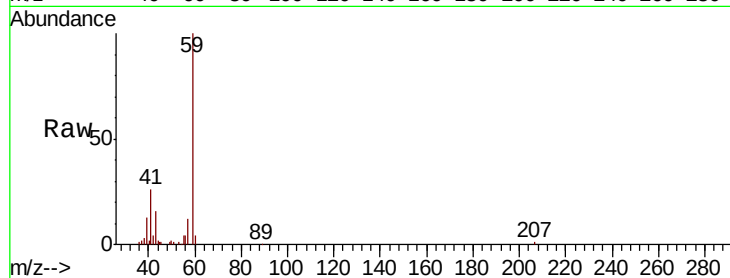
#11
Tert butyl alcohol
Concen: 723.80 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	59	Resp	109383
Ion Ratio	59	100	
Lower	57	10.0	8.6
Upper			13.0

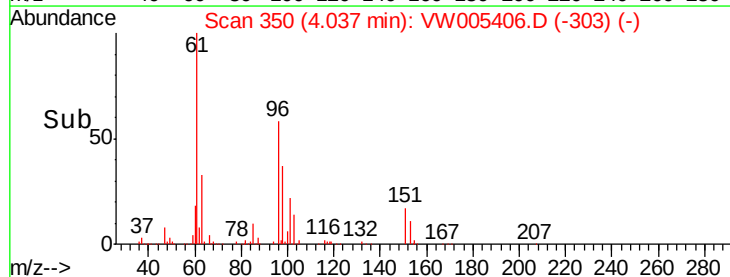
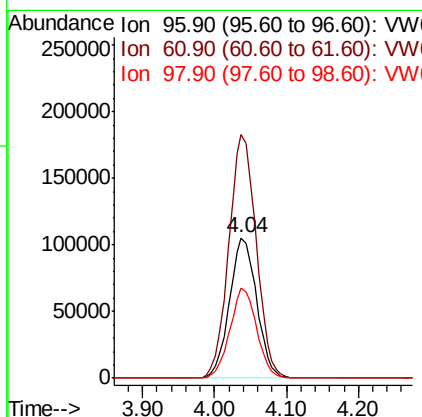
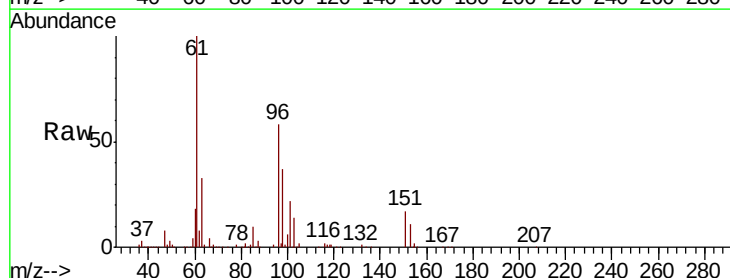
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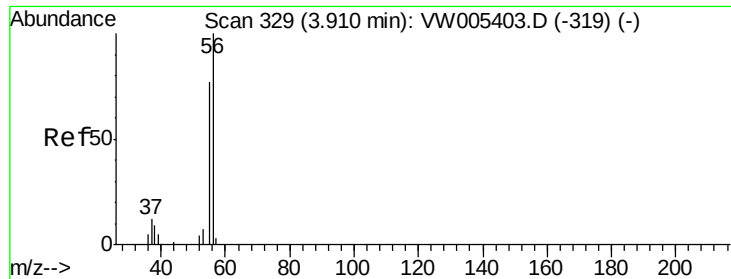
apatel
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#12
1,1-Dichloroethene
Concen: 144.29 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	96	Resp	276534
Ion Ratio	96	100	
Lower	61	173.7	135.7
Upper	98	64.4	48.6
			73.0





#13

Acrolein

Concen: 599.50 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 83230

Ion Ratio Lower Upper

56 100

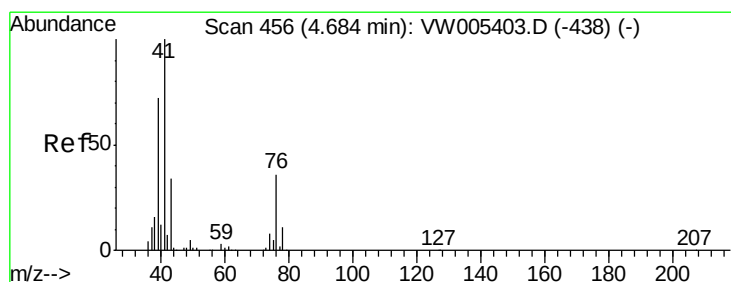
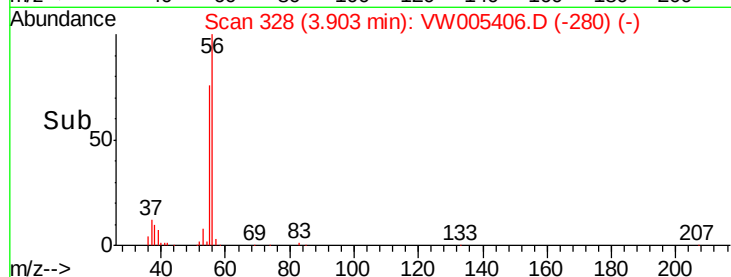
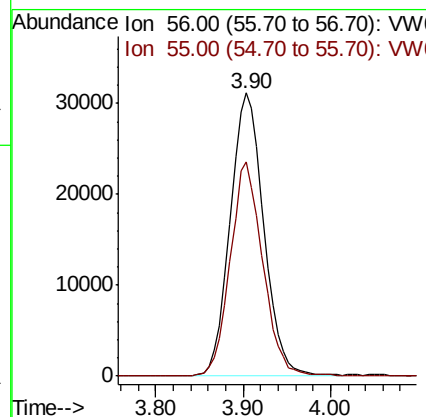
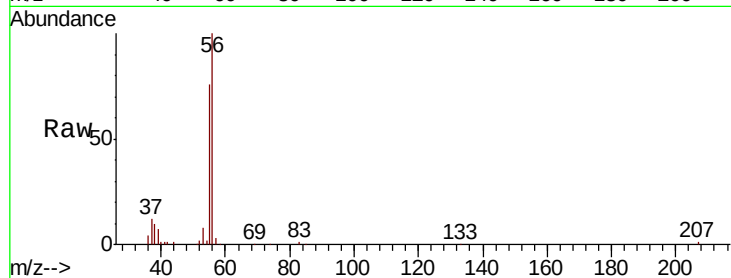
55 72.8 59.8 89.8

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#14

Allyl chloride

Concen: 175.78 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

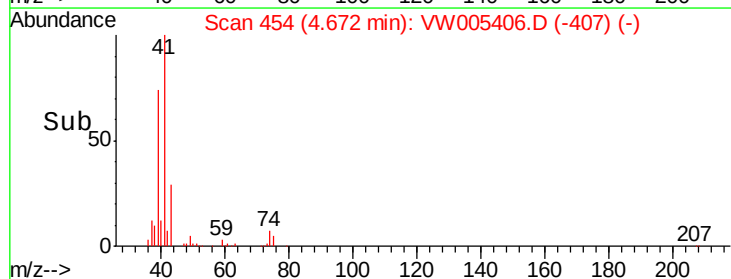
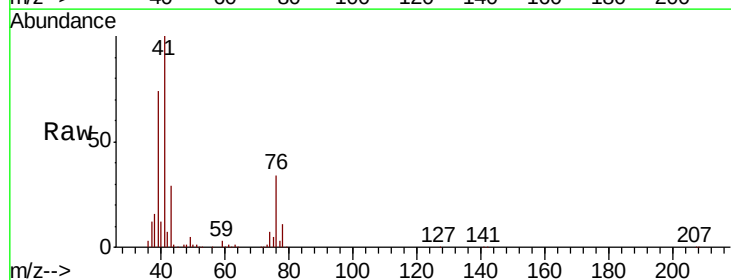
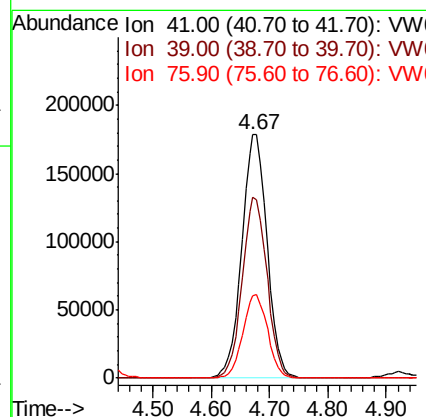
Tgt Ion: 41 Resp: 536469

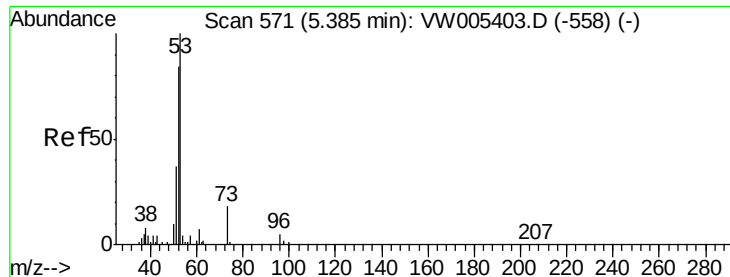
Ion Ratio Lower Upper

41 100

39 72.8 58.6 88.0

76 33.4 27.4 41.0





#15

Acrylonitrile

Concen: 757.05 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

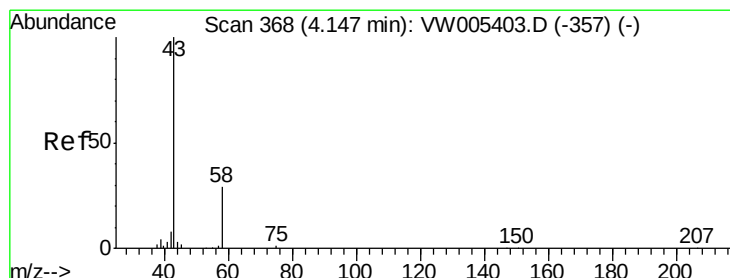
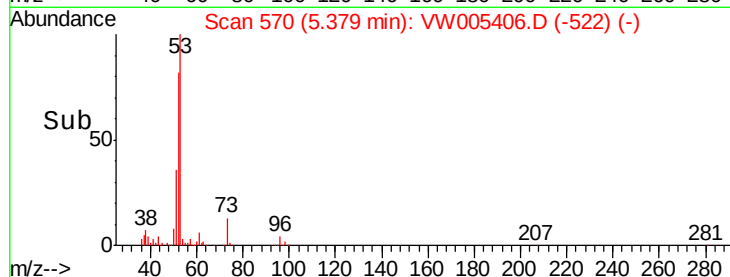
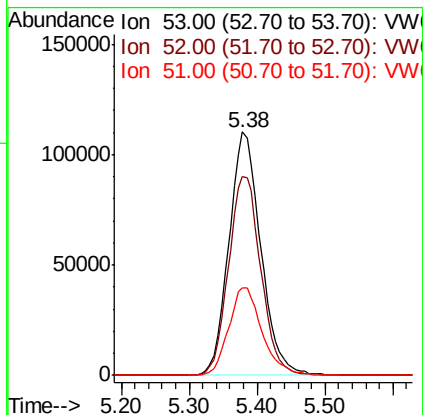
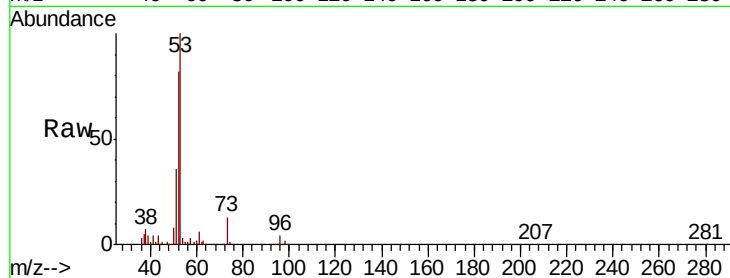
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	358078
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.6	99.8
51	37.9	31.1	46.7

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#16

Acetone

Concen: 748.96 ug/l

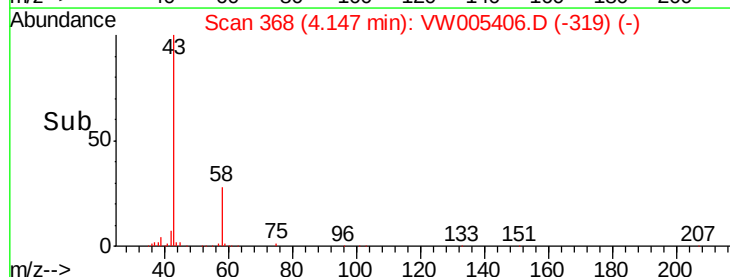
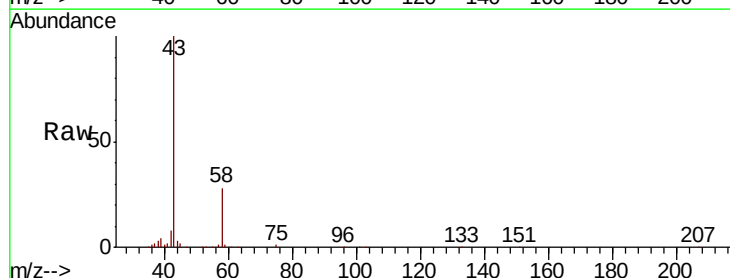
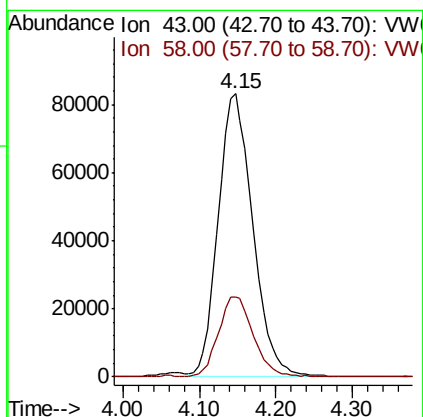
RT: 4.15 min Scan# 368

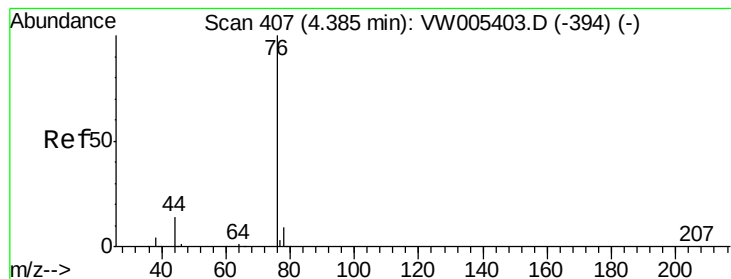
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	43	Resp:	259515
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.8	34.2





#17

Carbon Disulfide

Concen: 147.34 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 989222

Ion Ratio Lower Upper

76 100

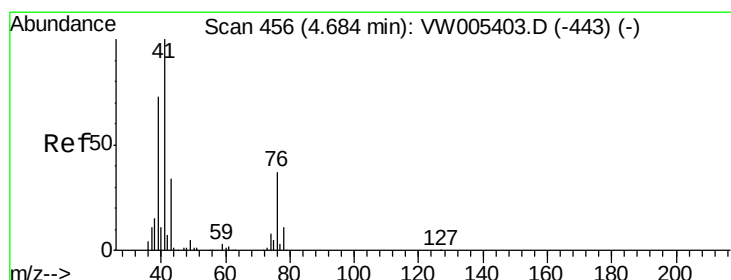
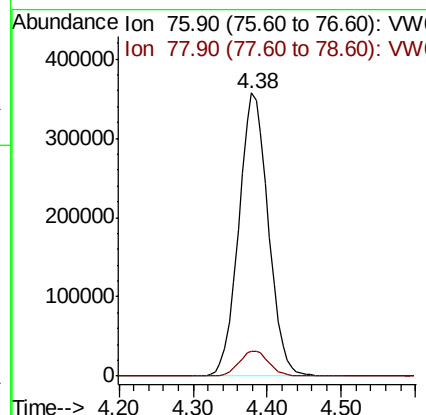
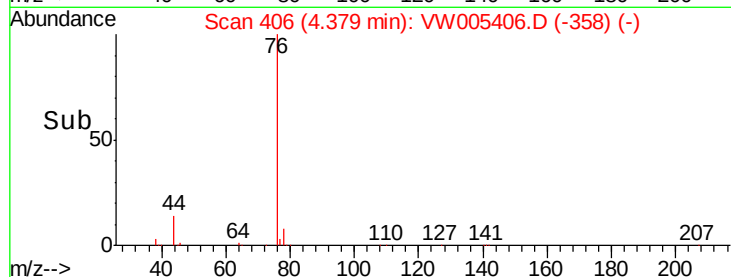
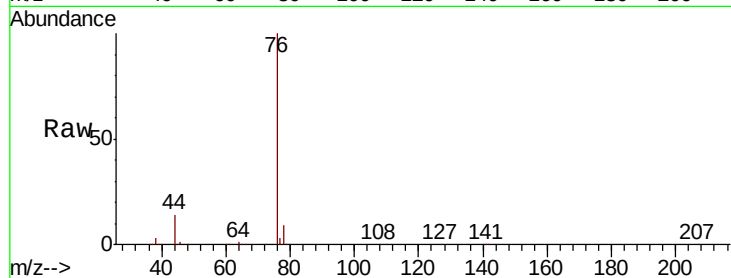
78 8.7 7.4 11.0

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#18

Methyl Acetate

Concen: 171.20 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005406.D

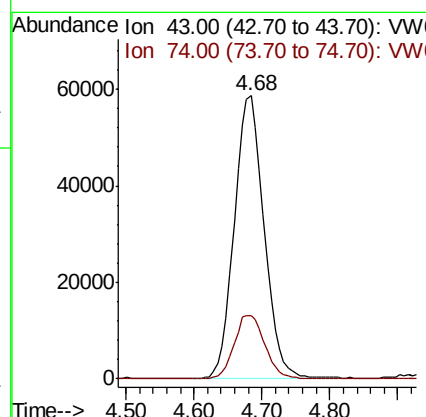
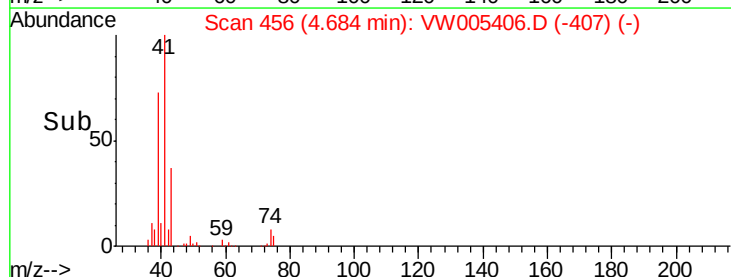
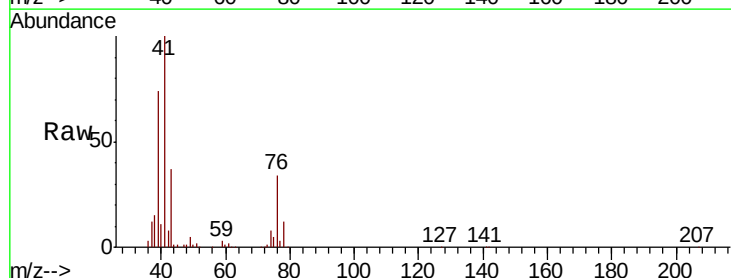
Acq: 15 Sep 2018 01:22

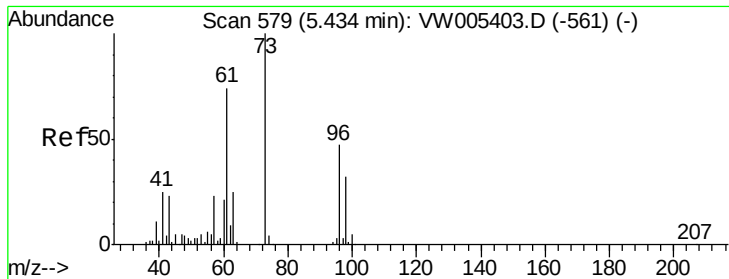
Tgt Ion: 43 Resp: 178911

Ion Ratio Lower Upper

43 100

74 23.0 17.7 26.5





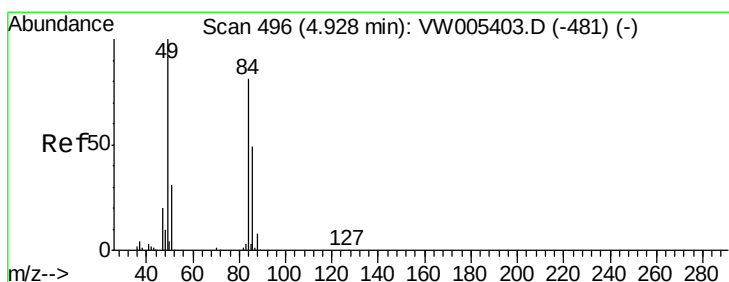
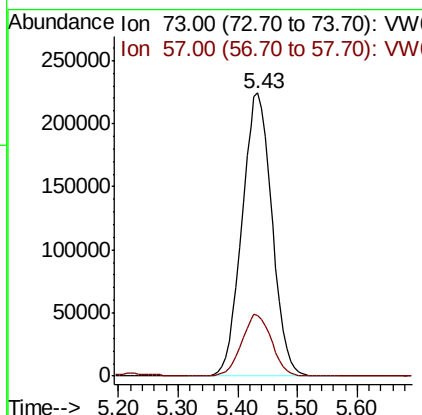
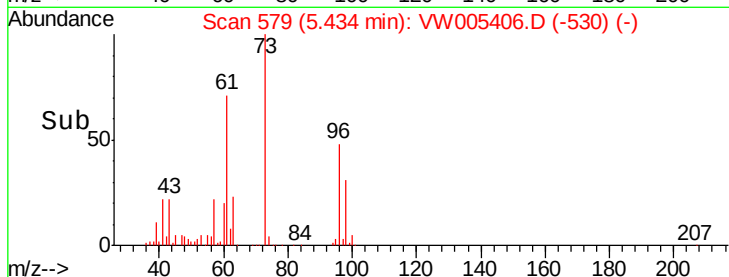
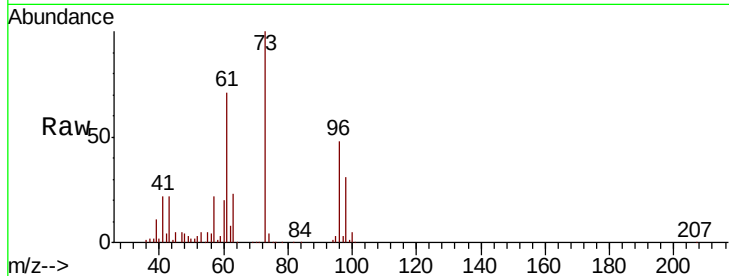
#19
Methyl tert-butyl Ether
Concen: 166.43 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.6	28.0

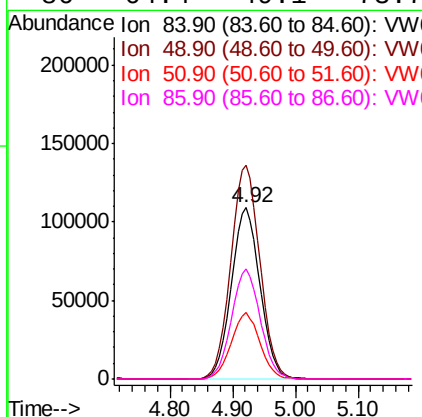
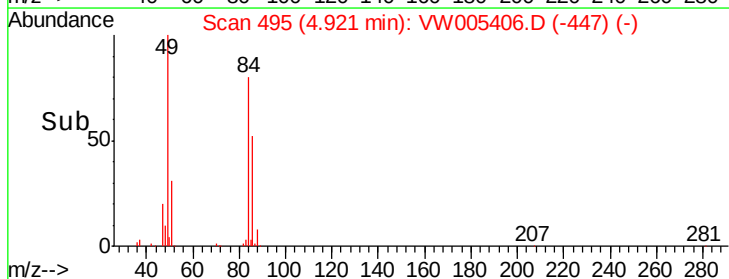
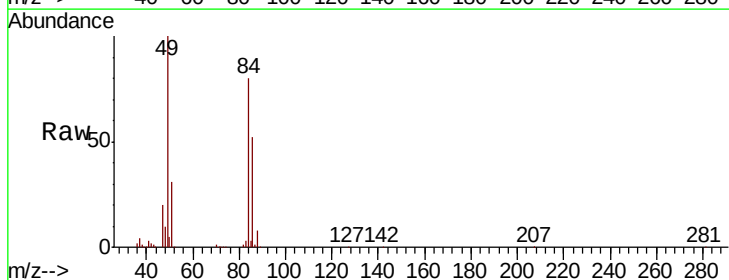
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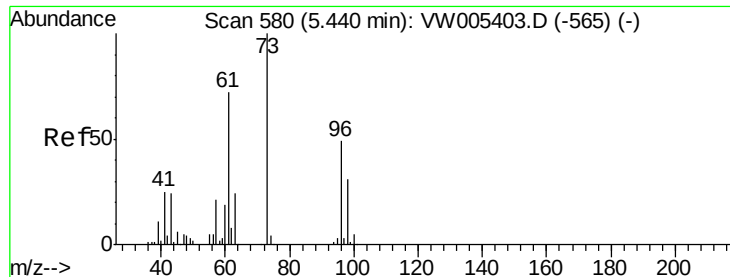
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#20
Methylene Chloride
Concen: 119.57 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	99.3	148.9
51	38.6	31.1	46.7
86	64.4	49.1	73.7





#21

trans-1,2-Dichloroethene

Concen: 146.17 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 328943

Ion Ratio Lower Upper

96 100

61 151.0 116.7 175.1

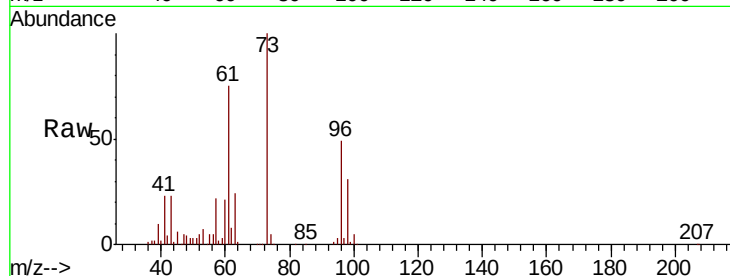
98 62.2 51.0 76.6

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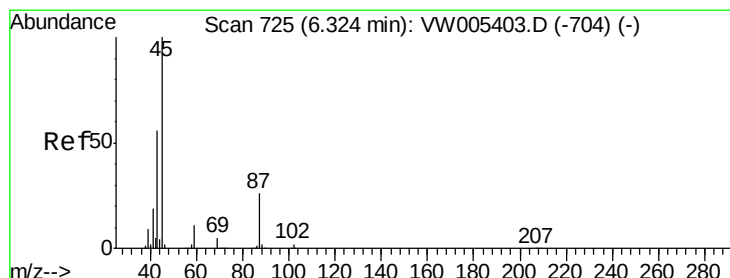
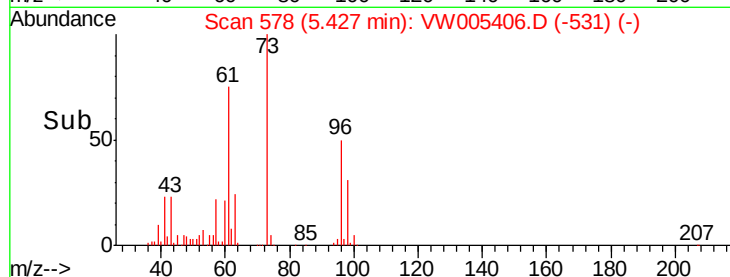
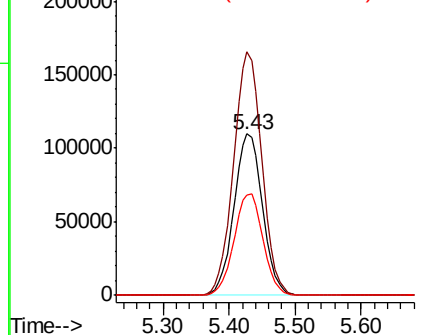


Abundance

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: 171.45 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion: 45 Resp: 1055022

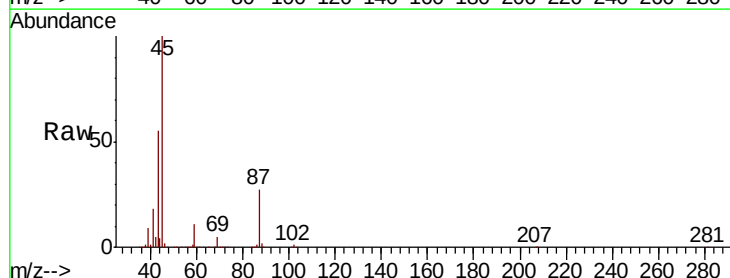
Ion Ratio Lower Upper

45 100

43 54.5 44.6 67.0

87 26.7 20.6 31.0

59 11.0 8.9 13.3



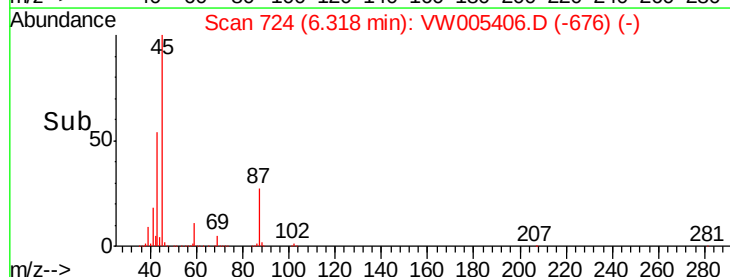
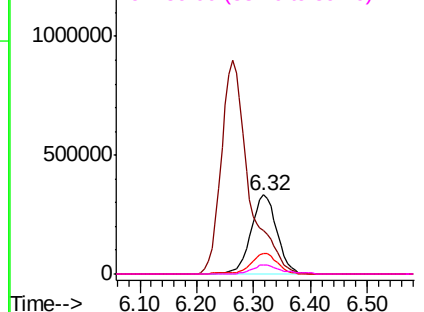
Abundance

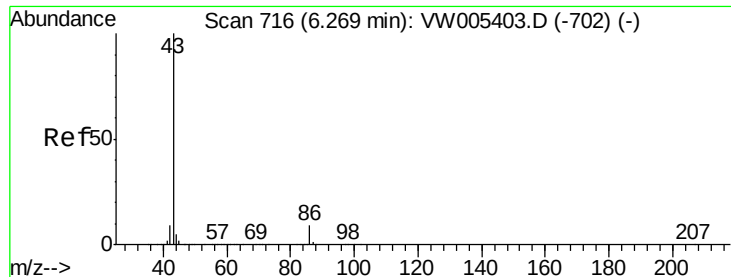
Ion 45.00 (44.70 to 45.70): VW

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: 871.86 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2999915

Ion Ratio Lower Upper

43 100

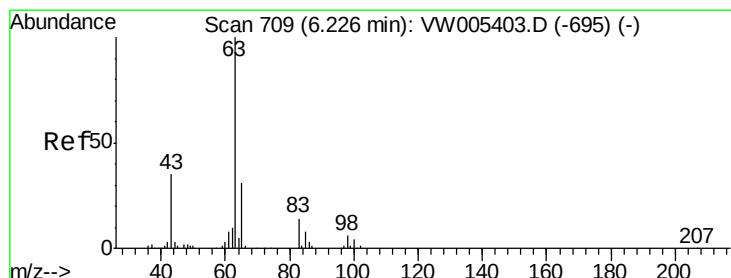
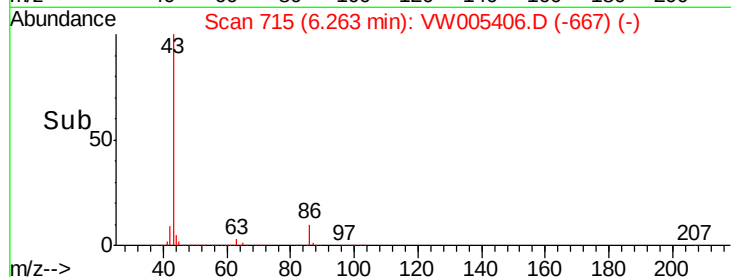
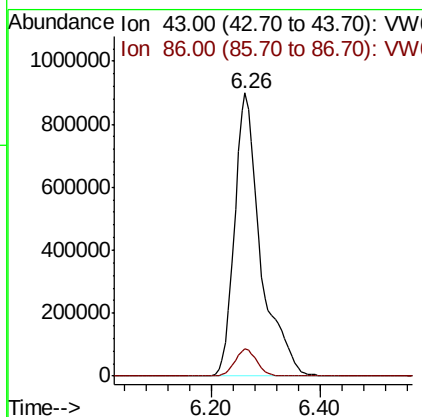
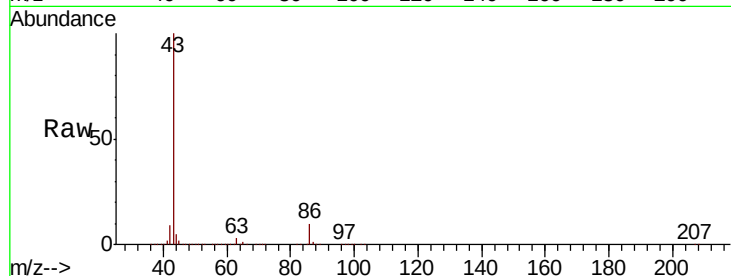
86 9.6 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 162.44 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

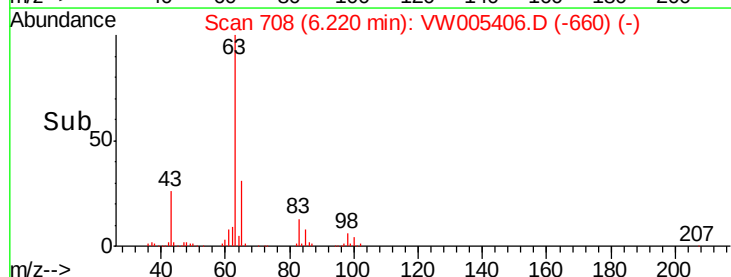
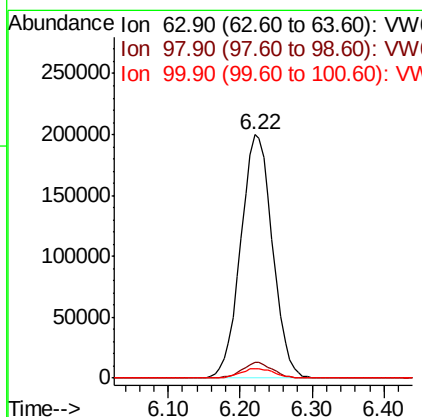
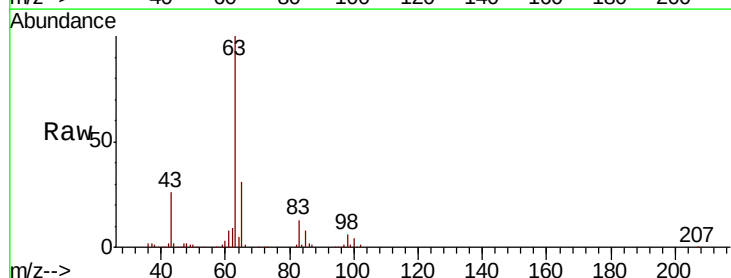
Tgt Ion: 63 Resp: 611732

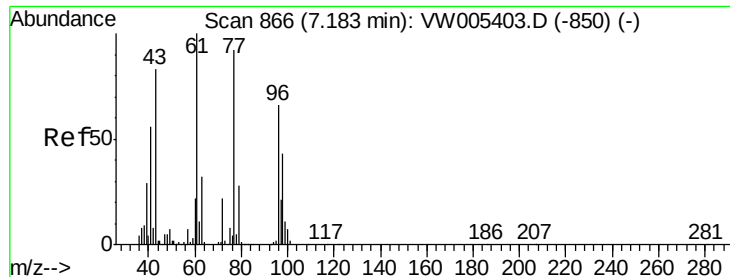
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 757.20 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 414580

Ion Ratio Lower Upper

43 100

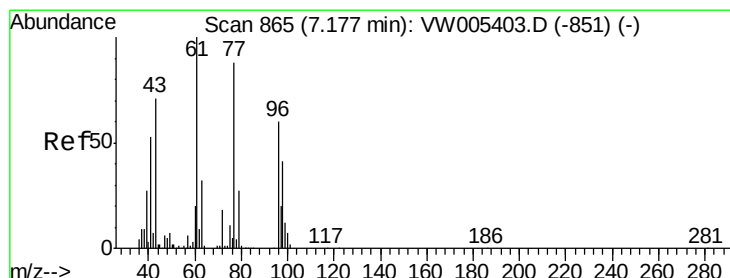
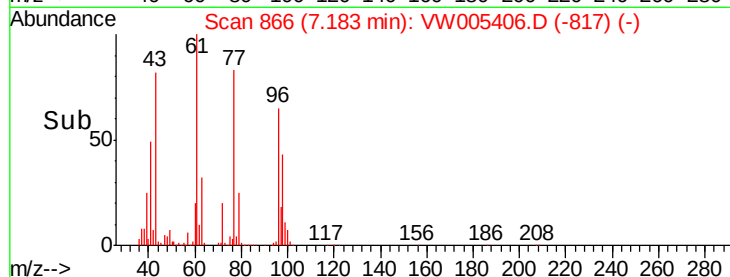
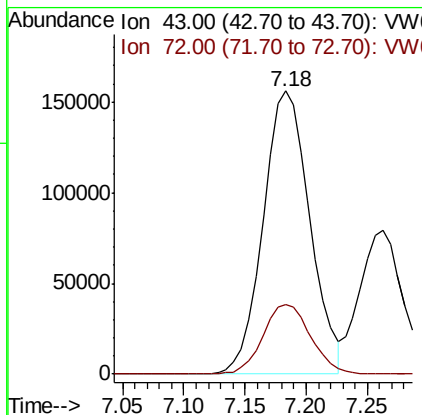
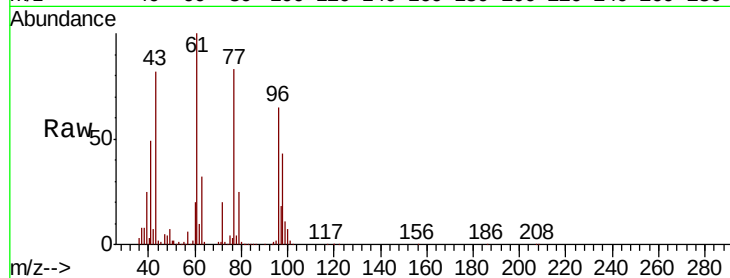
72 24.7 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 156.29 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005406.D

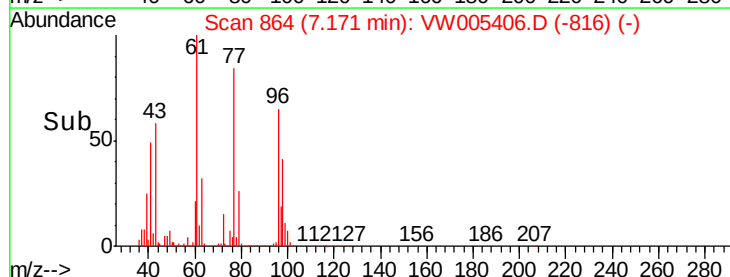
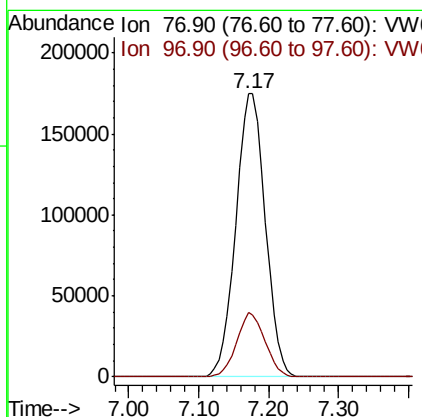
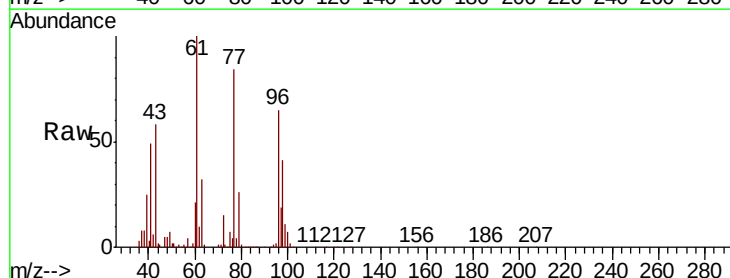
Acq: 15 Sep 2018 01:22

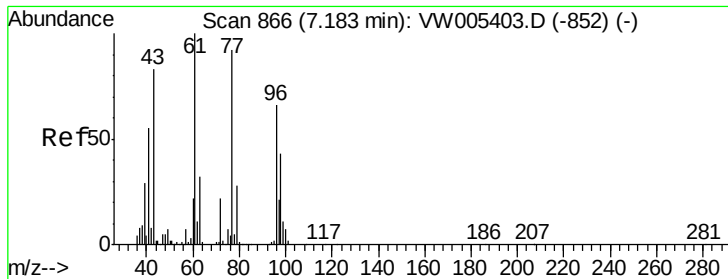
Tgt Ion: 77 Resp: 511169

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1





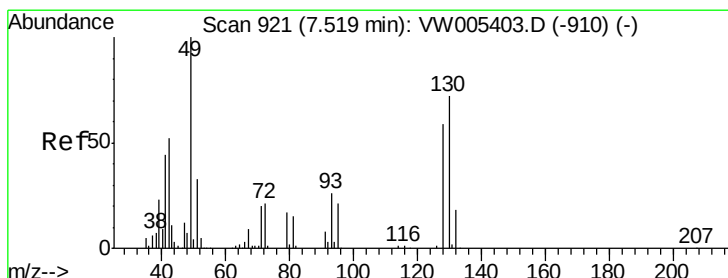
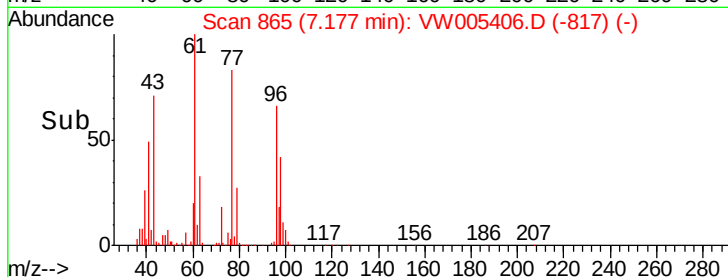
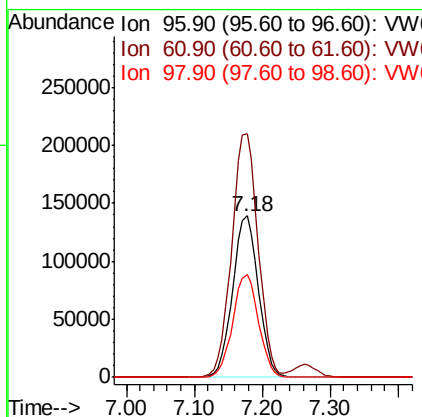
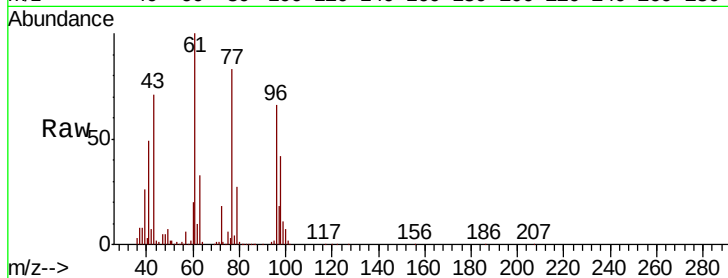
#27
 cis-1,2-Dichloroethene
 Concen: 151.35 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	365755		
61	154.7	0.0	316.0	
98	63.7	0.0	130.8	

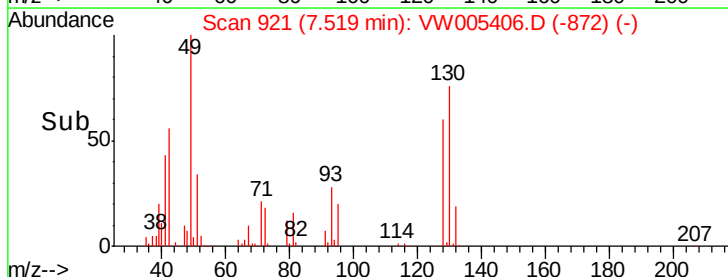
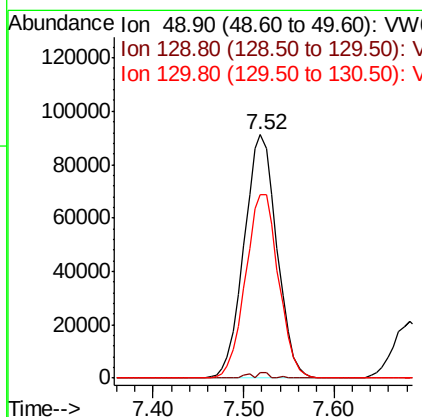
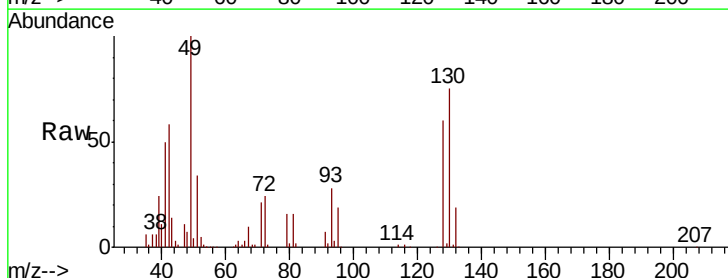
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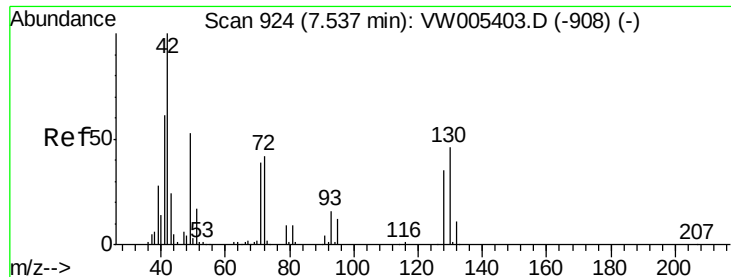
apatel
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#28
 Bromochloromethane
 Concen: 164.38 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227763		
129	0.7	0.0	1.0	
130	76.4	61.4	92.2	





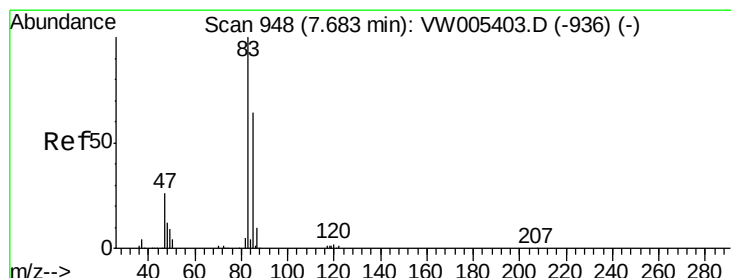
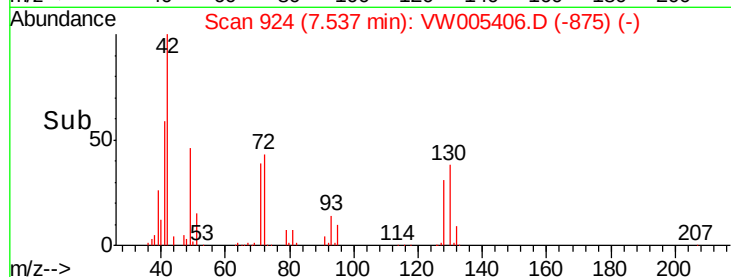
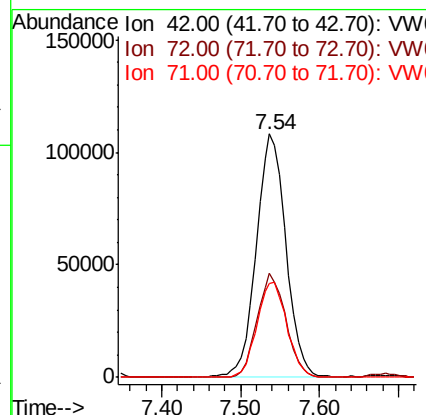
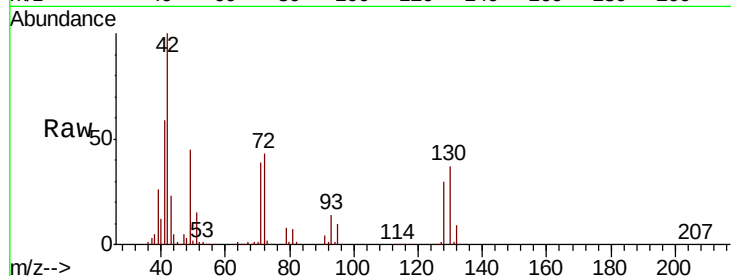
#29
Tetrahydrofuran
Concen: 775.01 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion:	42	Resp:	282821
Ion Ratio		Lower	Upper
42	100		
72	41.5	33.2	49.8
71	39.7	31.0	46.6

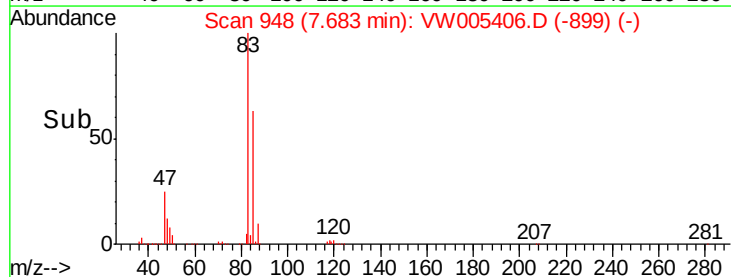
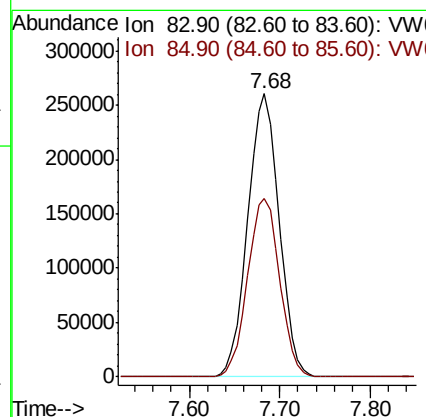
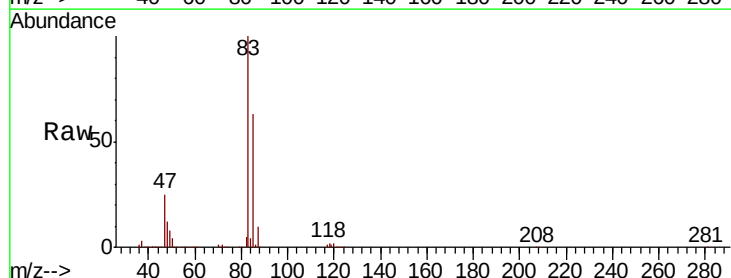
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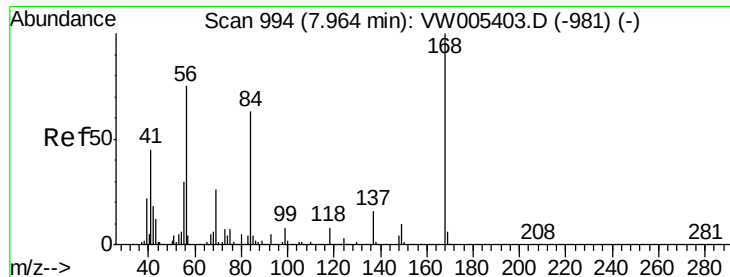
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#30
Chloroform
Concen: 165.24 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:	83	Resp:	624785
Ion Ratio		Lower	Upper
83	100		
85	63.1	51.5	77.3





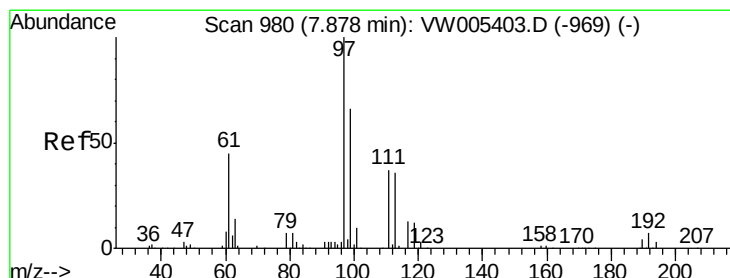
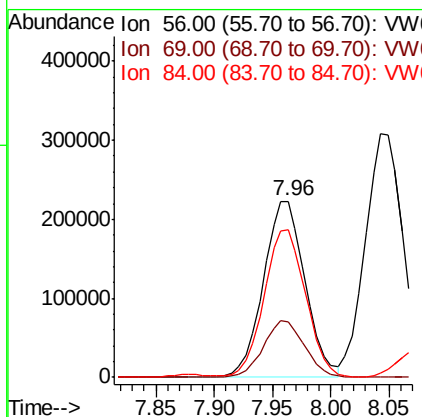
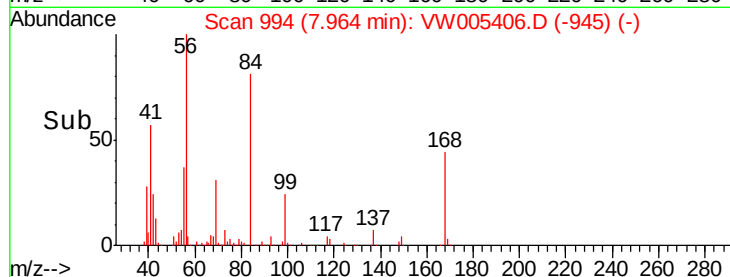
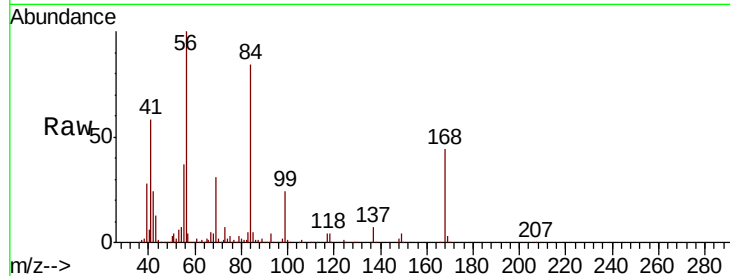
#31
Cyclohexane
Concen: 141.83 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	27.2	40.8
84	82.0	66.7	100.1

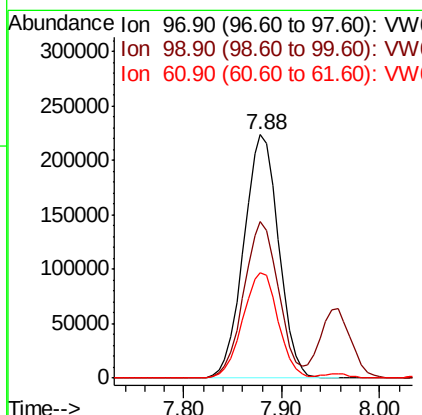
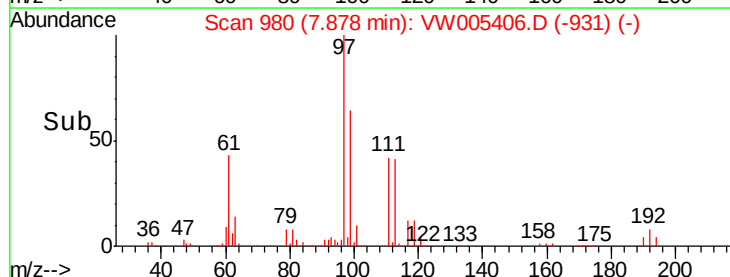
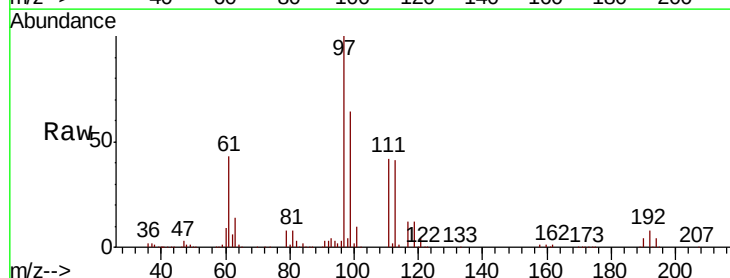
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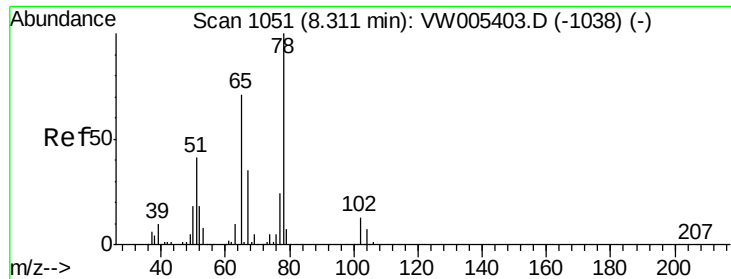
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#32
1,1,1-Trichloroethane
Concen: 161.44 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	44.1	35.8	53.6





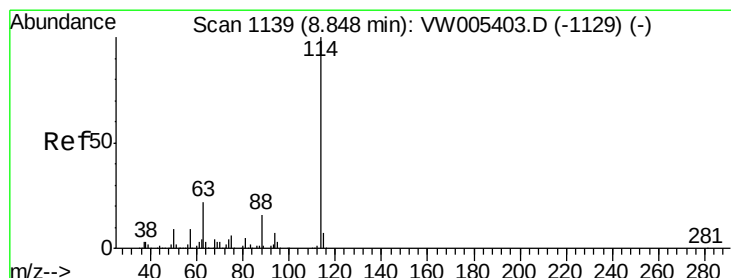
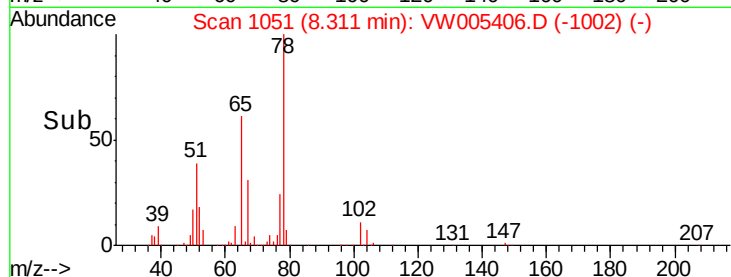
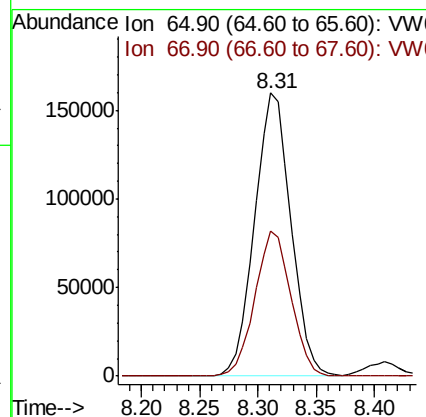
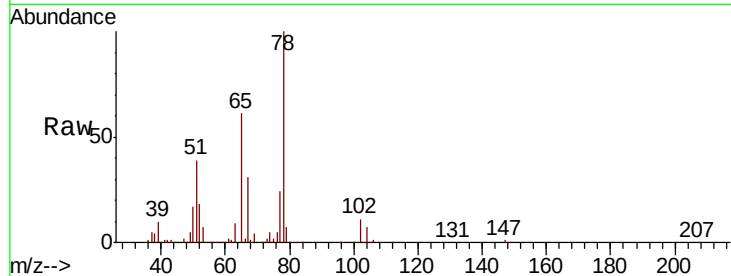
#33
 1,2-Dichloroethane-d4
 Concen: 180.46 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	346550		
67	50.8	0.0	100.6	

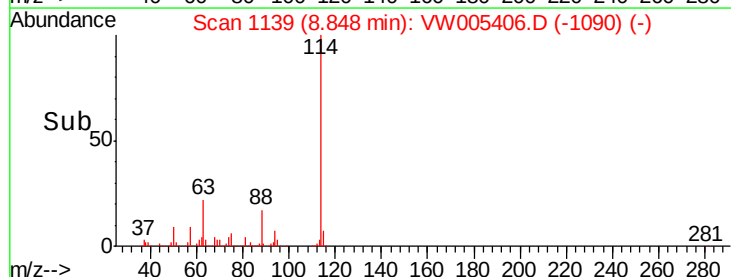
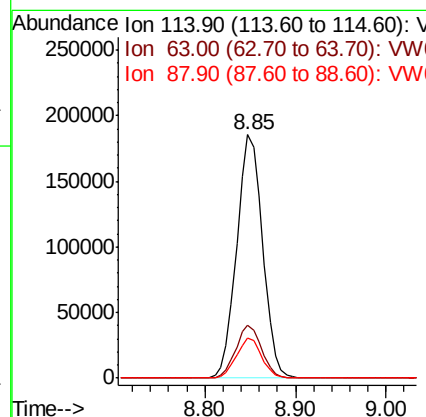
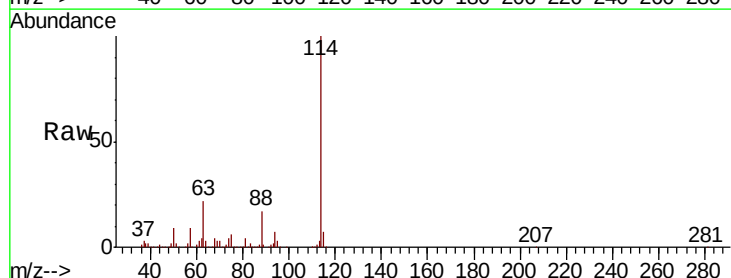
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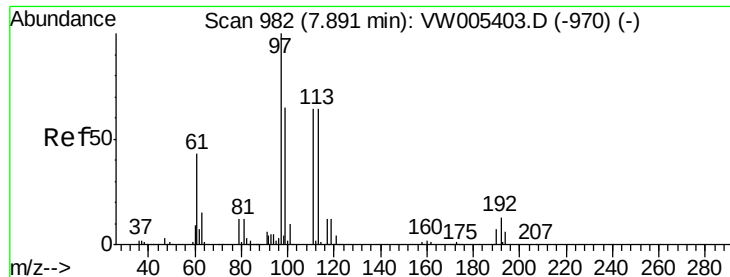
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367480		
63	21.8	0.0	43.4	
88	16.7	0.0	31.8	





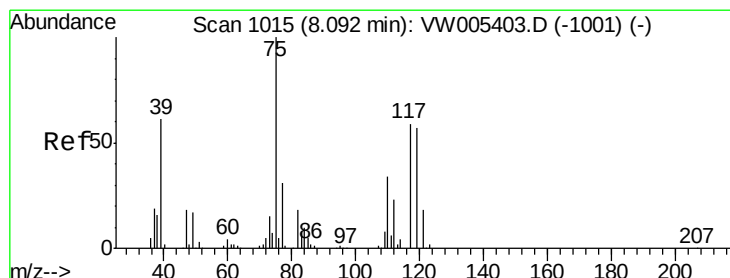
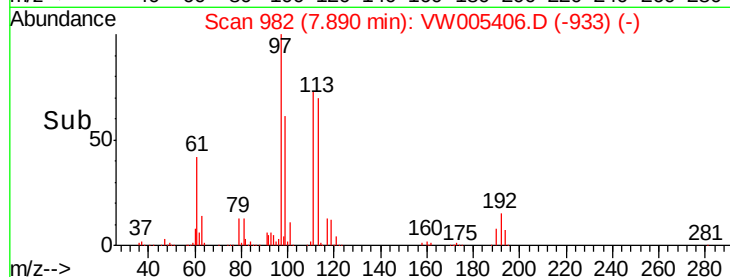
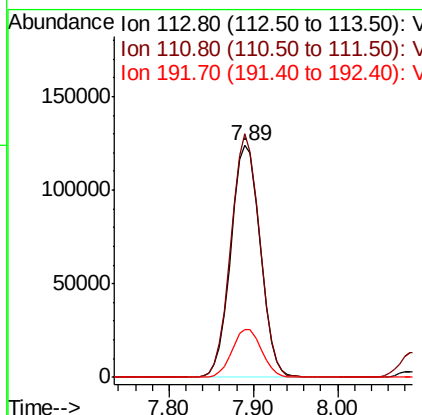
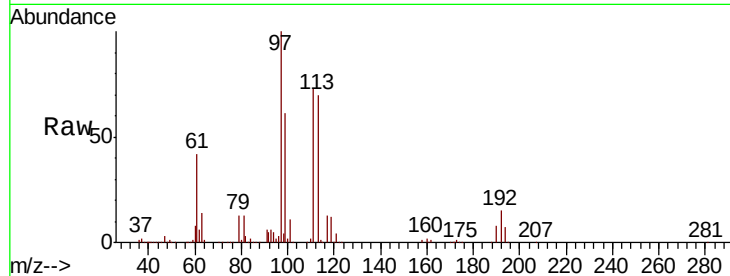
#35
 Dibromofluoromethane
 Concen: 151.79 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	292873		
111	102.6	82.3	123.5	
192	21.0	16.5	24.7	

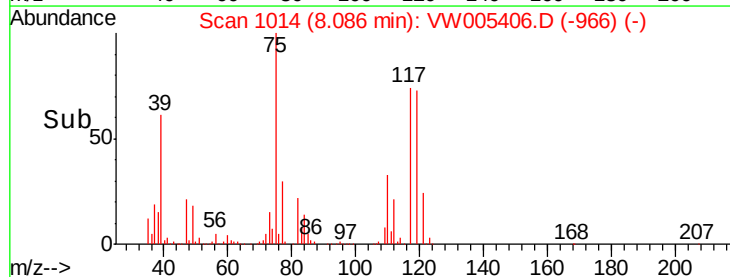
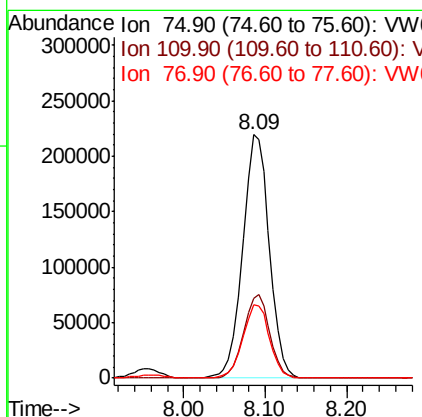
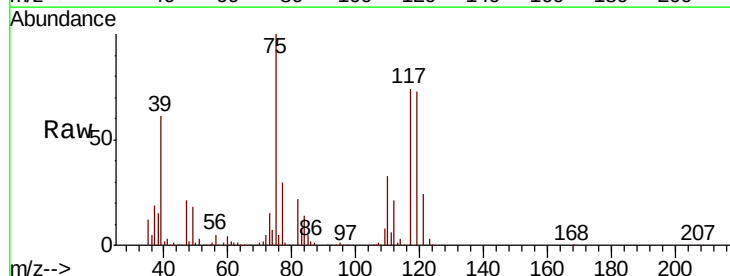
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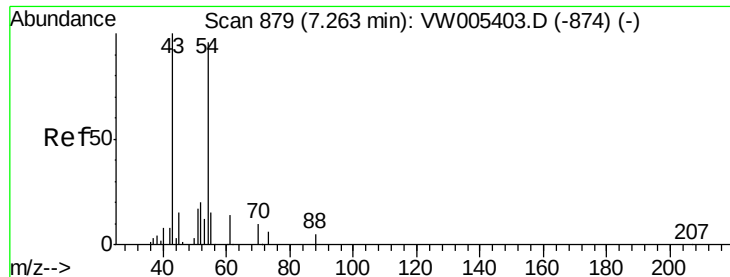
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#36
 1,1-Dichloropropene
 Concen: 146.43 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	495452		
110	33.7	16.8	50.4	
77	30.5	24.2	36.4	





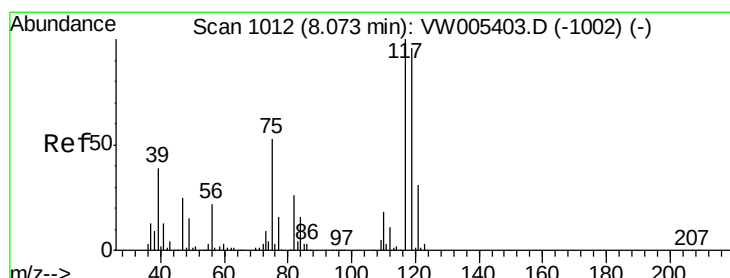
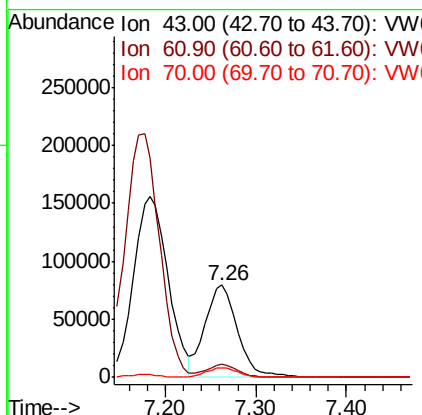
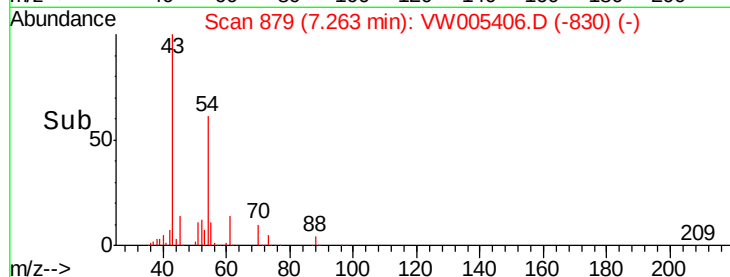
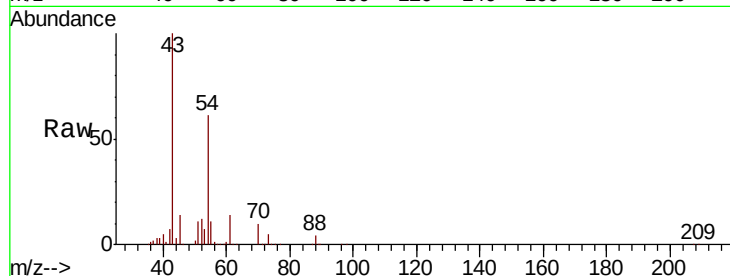
#37
Ethyl Acetate
Concen: 151.73 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:	43	Resp:	198431
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	10.2	8.2	12.4

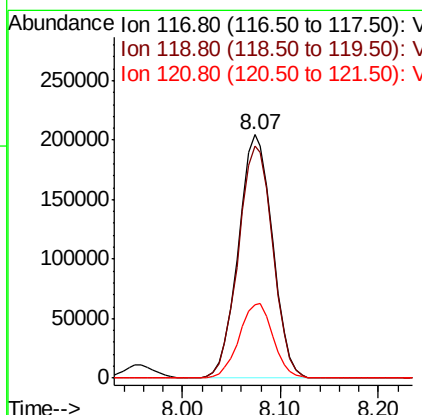
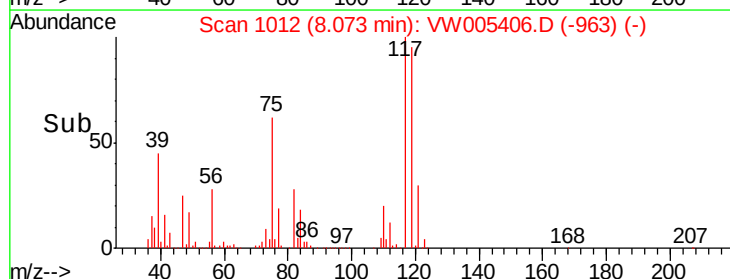
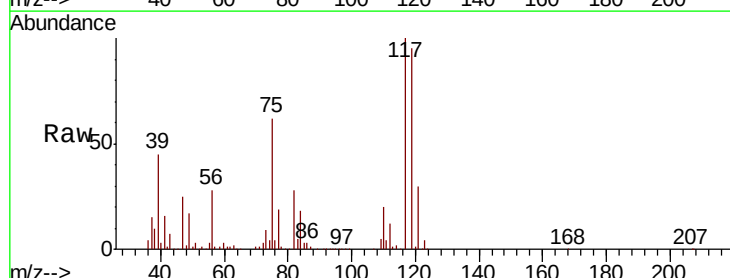
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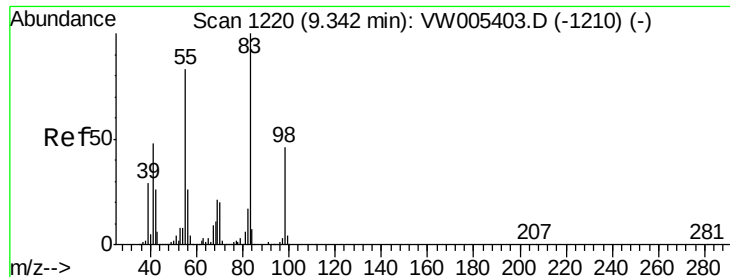
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#38
Carbon Tetrachloride
Concen: 153.69 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:	117	Resp:	495784
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
121	30.4	24.7	37.1





#39

Methylvlcyclohexane

Concen: 140.98 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

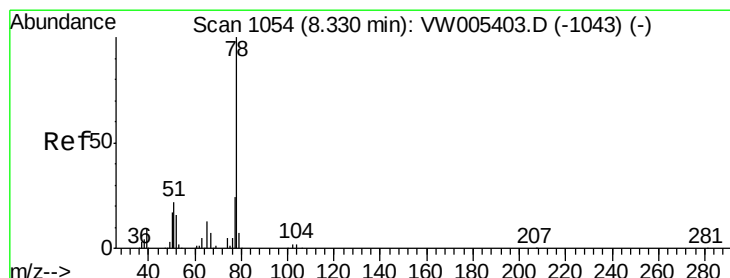
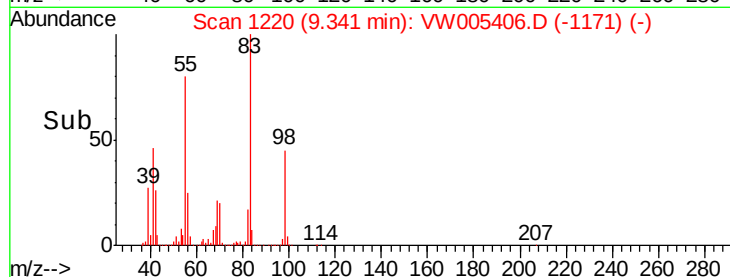
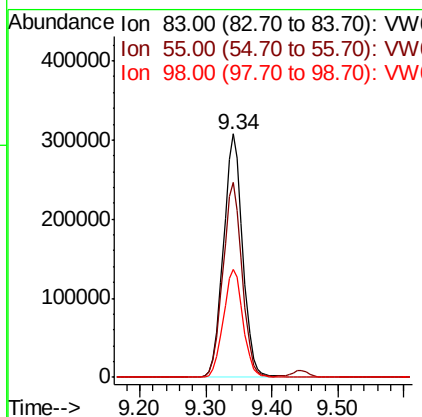
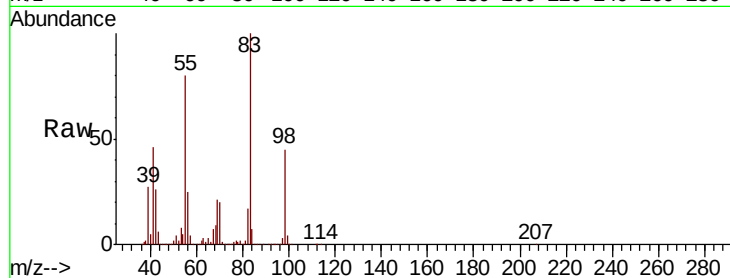
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	619958
Ion	Ratio	Lower	Upper
83	100		
55	80.3	66.1	99.1
98	44.5	36.7	55.1

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#40

Benzene

Concen: 145.10 ug/l

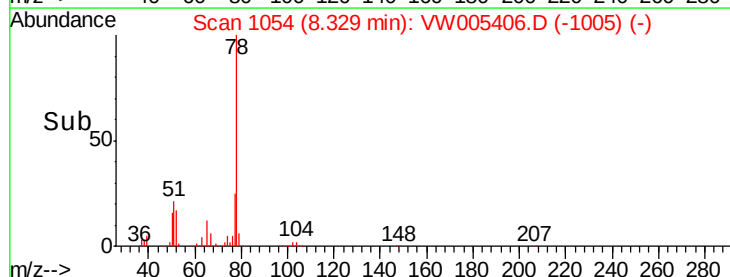
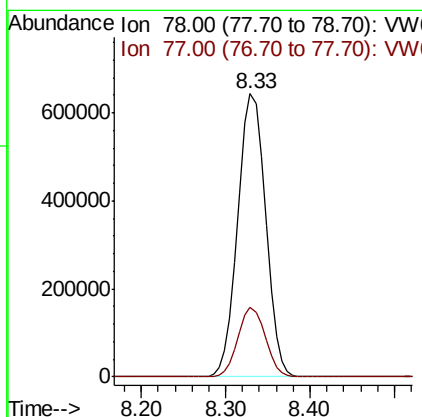
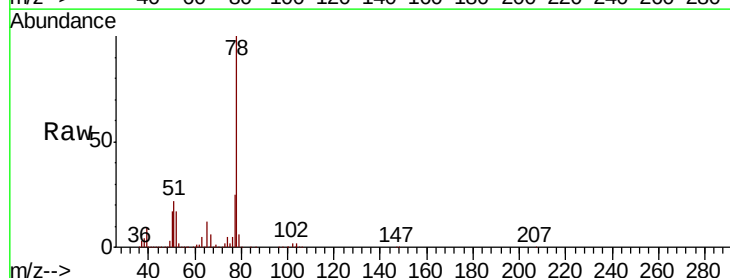
RT: 8.33 min Scan# 1054

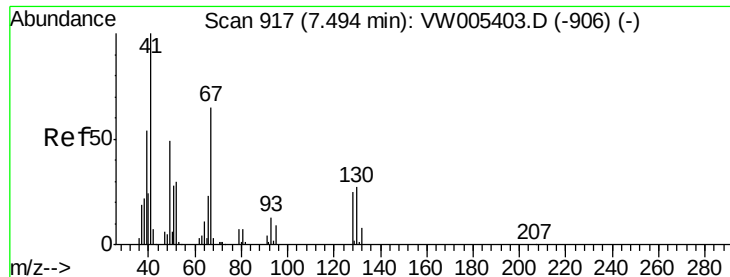
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	78	Resp:	1438671
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





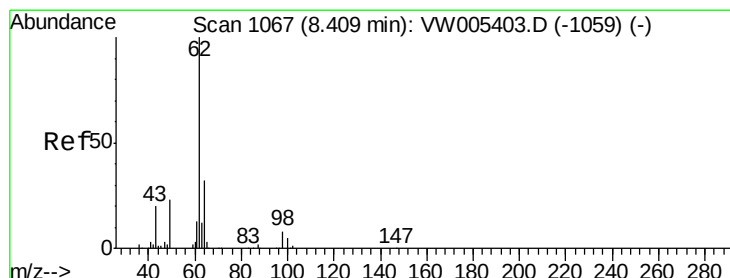
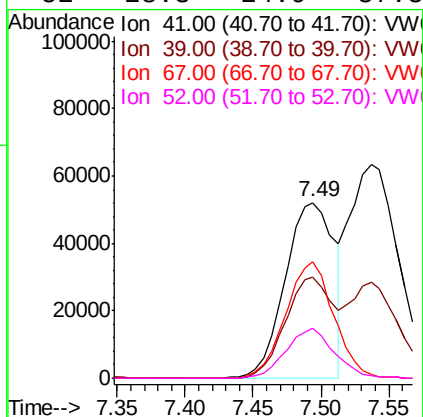
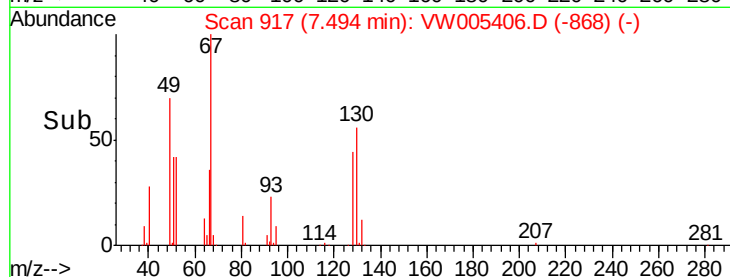
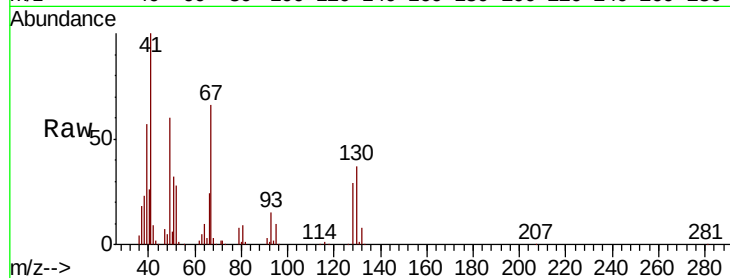
#41
Methacrylonitrile
Concen: 192.12 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	44.6	67.0	
67	64.9	53.6	80.4	
52	28.3	24.9	37.3	

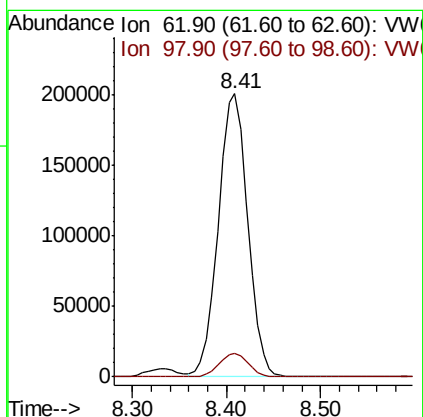
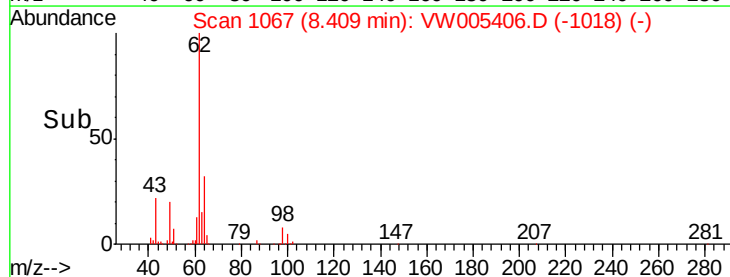
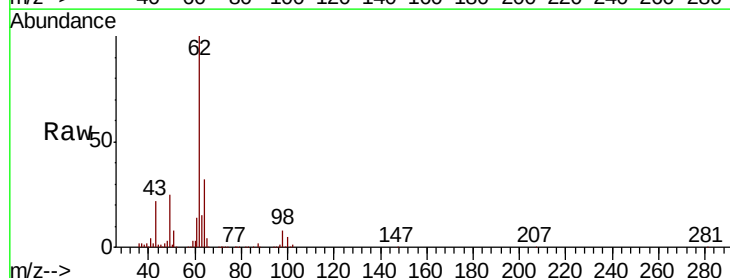
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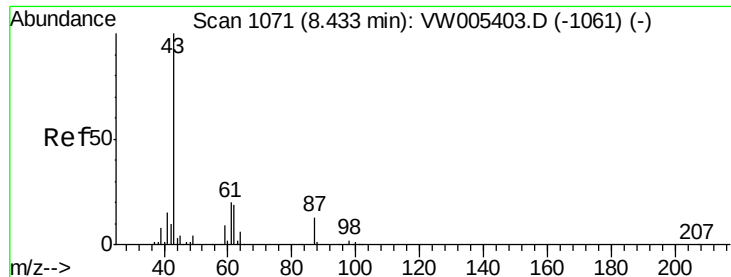
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#42
1,2-Dichloroethane
Concen: 173.33 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	15.6	





#43

Isopropyl Acetate

Concen: 167.29 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

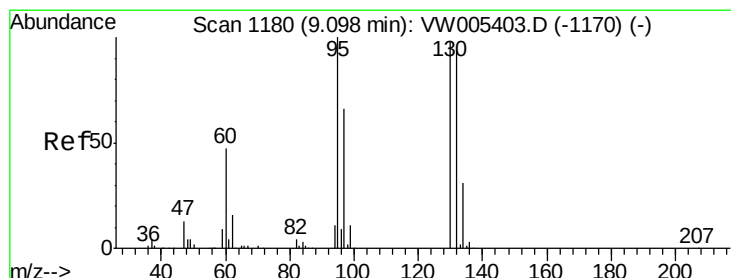
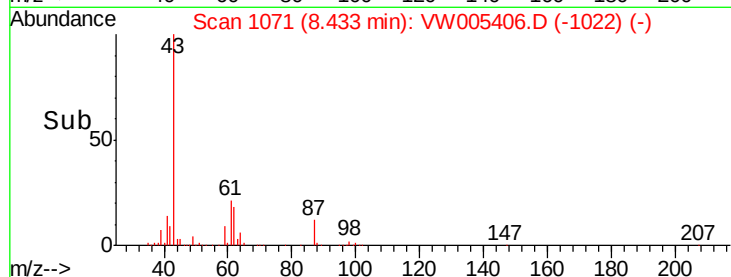
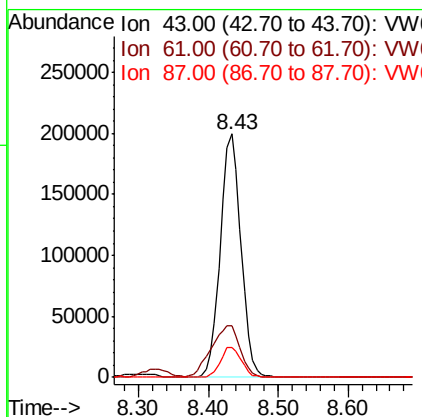
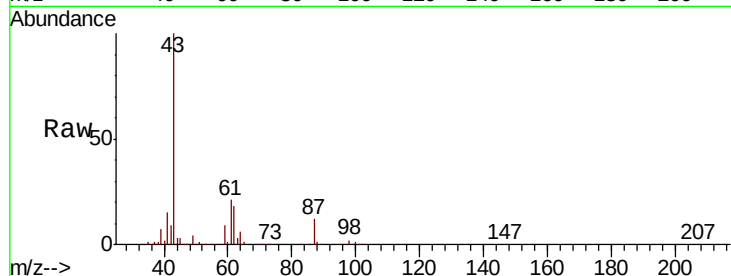
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	408475
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6
87	12.6	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 137.47 ug/l

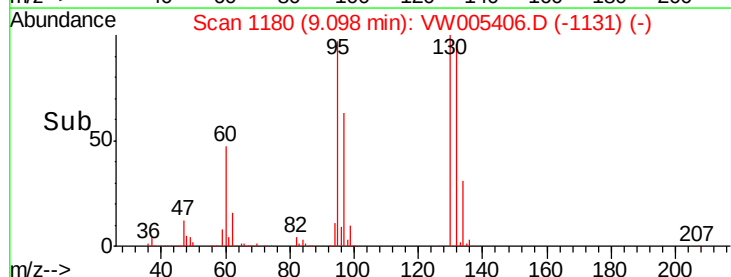
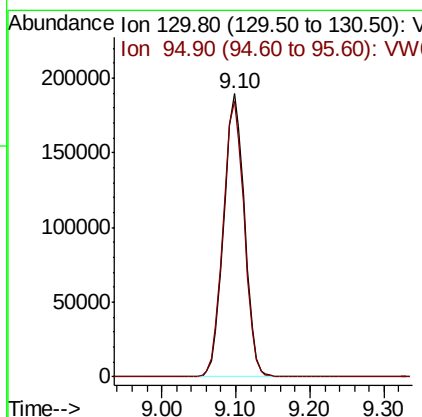
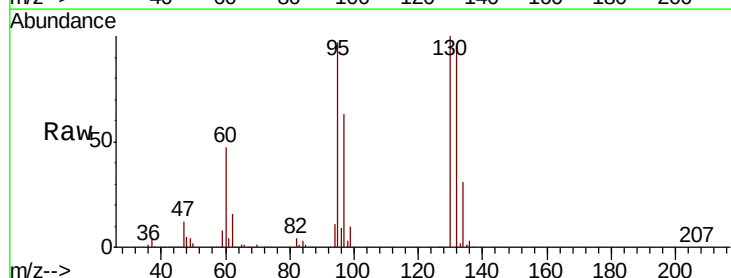
RT: 9.10 min Scan# 1180

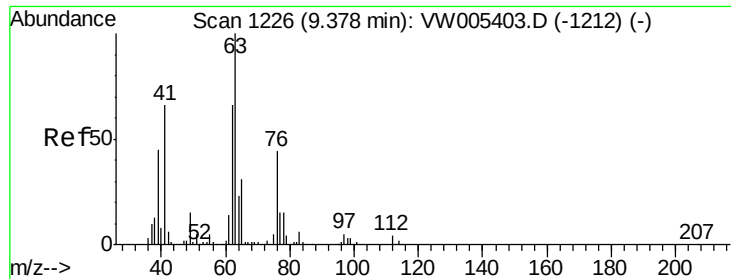
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	130	Resp:	370085
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	204.6





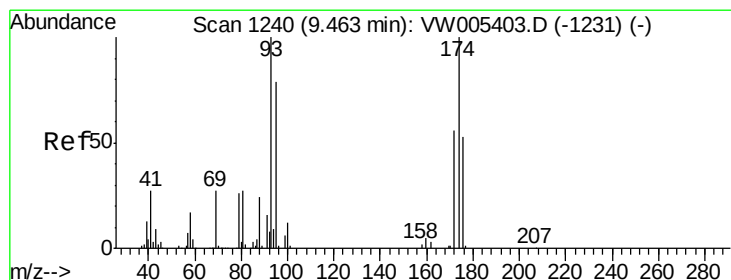
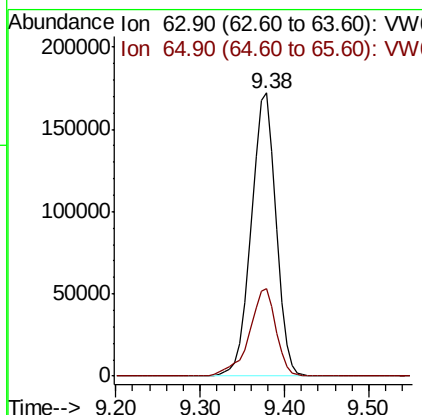
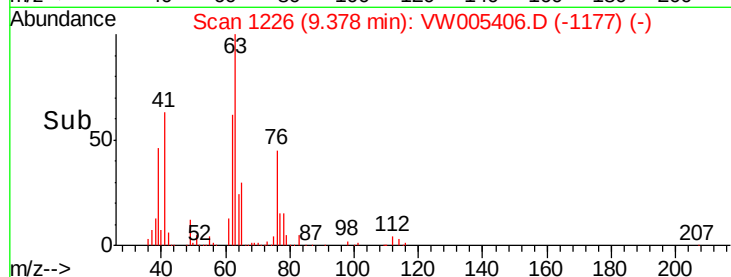
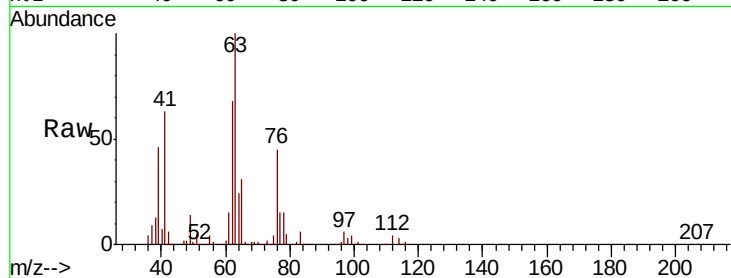
#45
 1,2-Dichloropropane
 Concen: 143.67 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.0	37.6

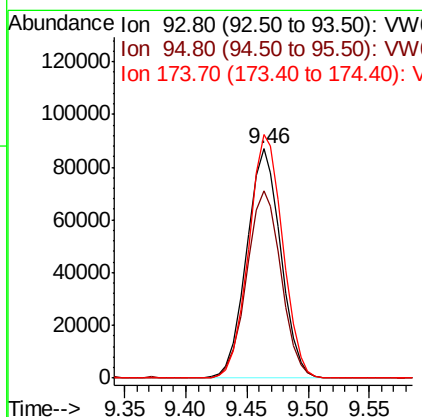
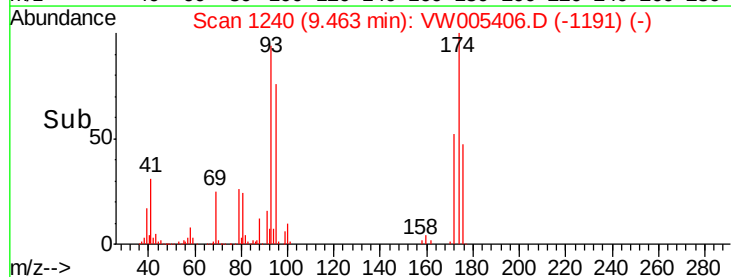
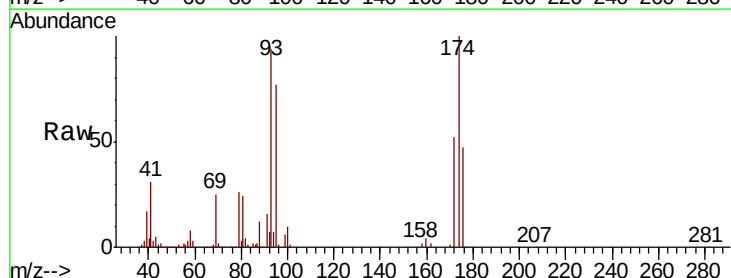
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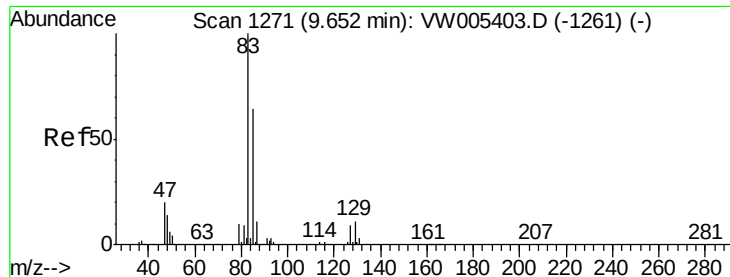
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#46
 Dibromomethane
 Concen: 143.41 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.4	98.0
174	106.2	83.4	125.2





#47

Bromodichloromethane

Concen: 155.18 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

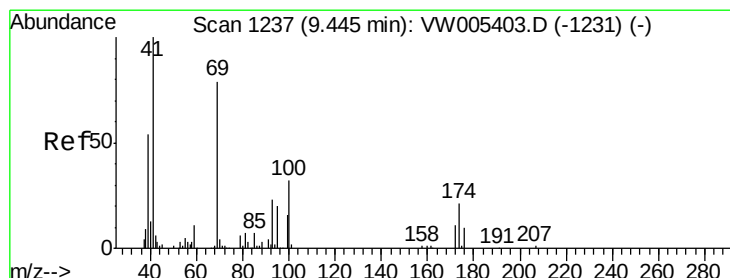
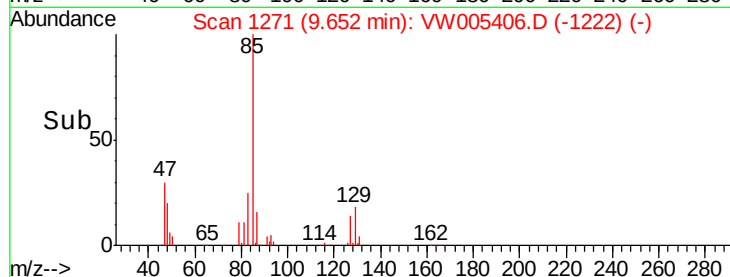
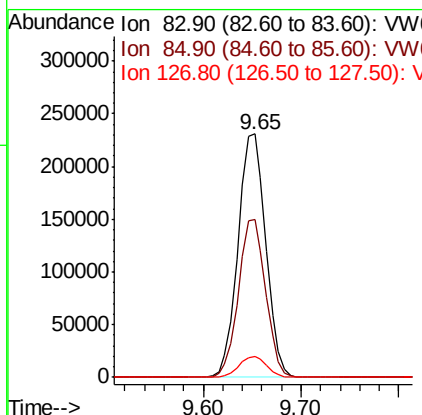
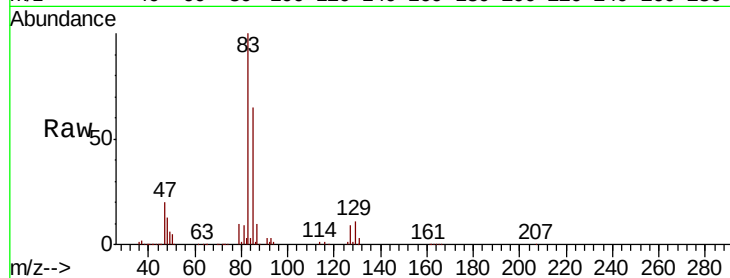
VSTDIC150

Tot Ion:	83	Resp:	452605
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.9	76.3
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 169.87 ug/l

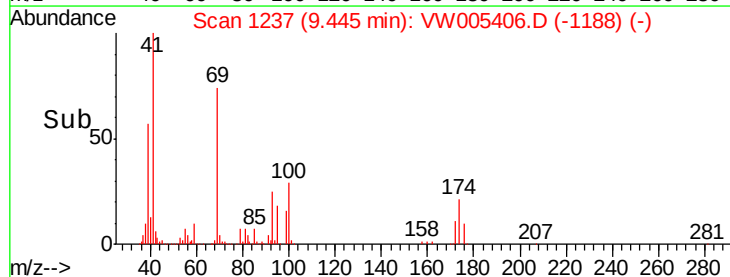
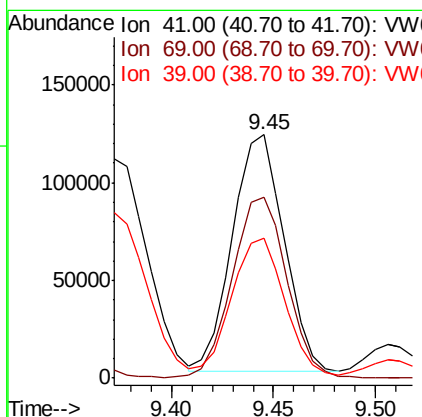
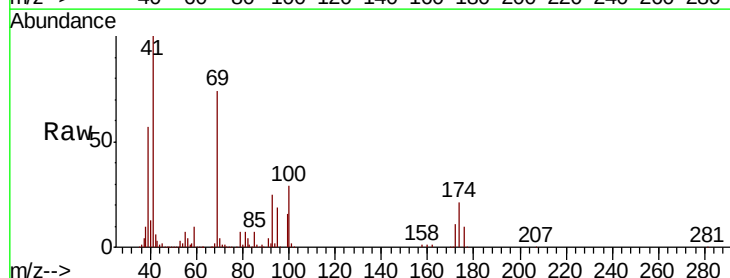
RT: 9.45 min Scan# 1237

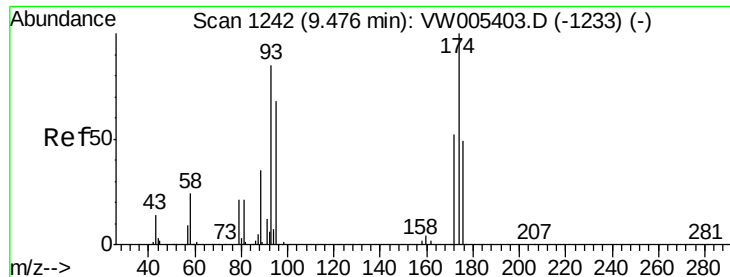
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	41	Resp:	213719
Ion	Ratio	Lower	Upper
41	100		
69	80.8	67.5	101.3
39	58.2	45.5	68.3





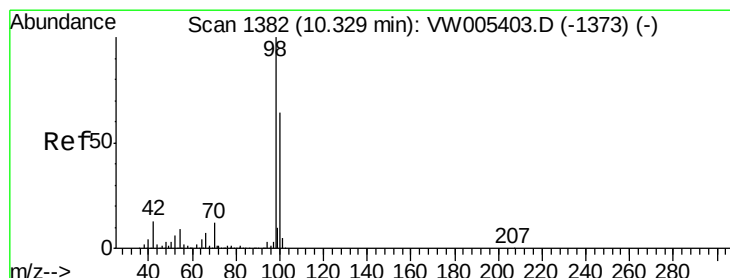
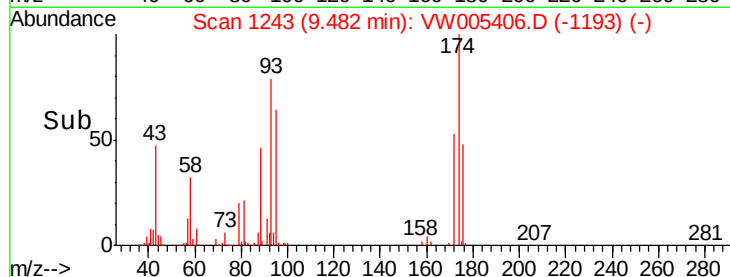
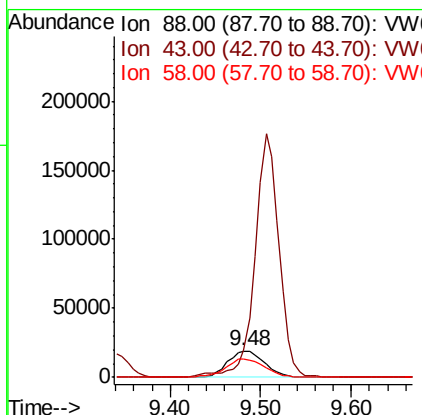
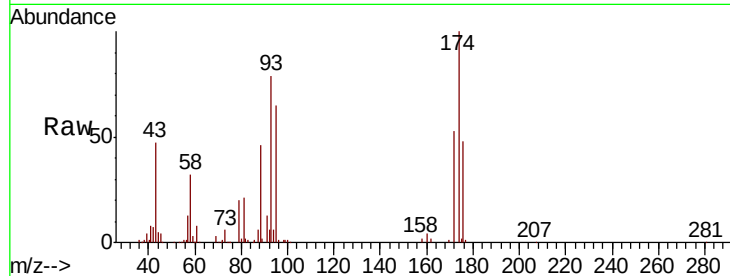
#49
1,4-Dioxane
Concen: 2541.93 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.9	62.4	93.6

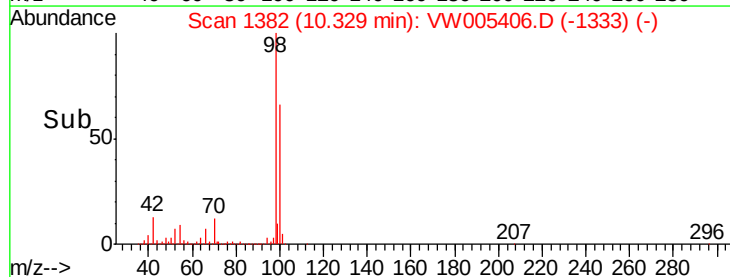
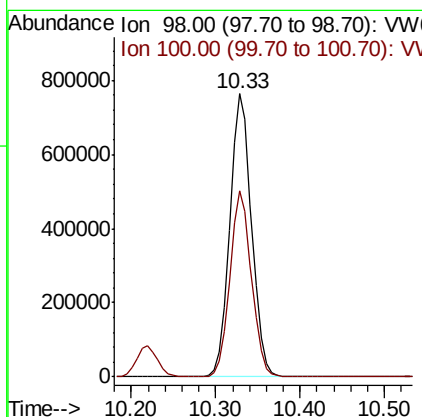
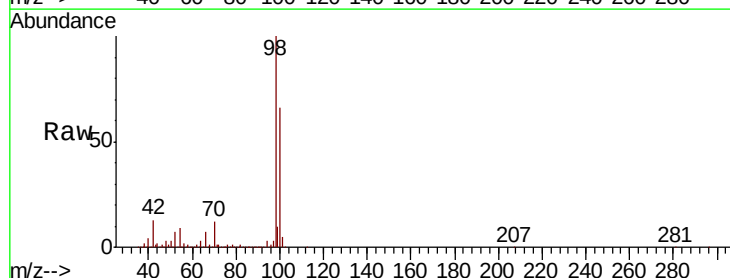
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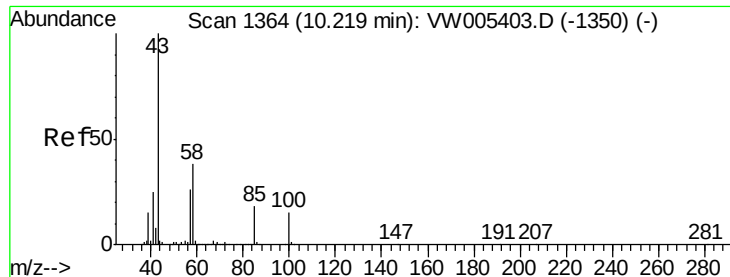
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#50
Toluene-d8
Concen: 138.61 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 757.58 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 1027197

Ion Ratio Lower Upper

43 100

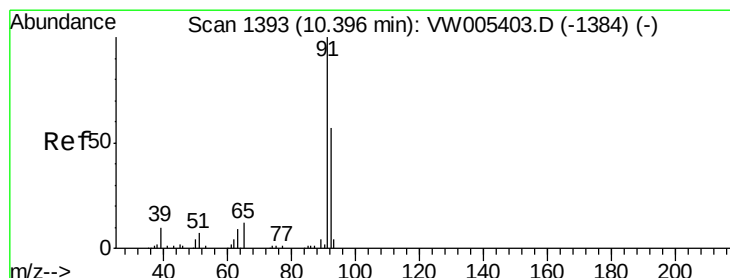
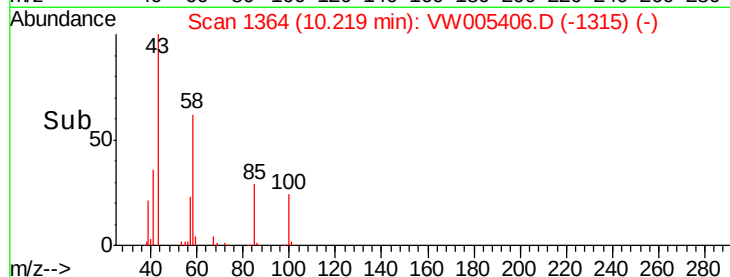
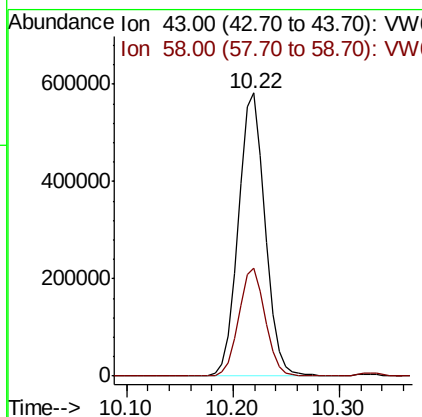
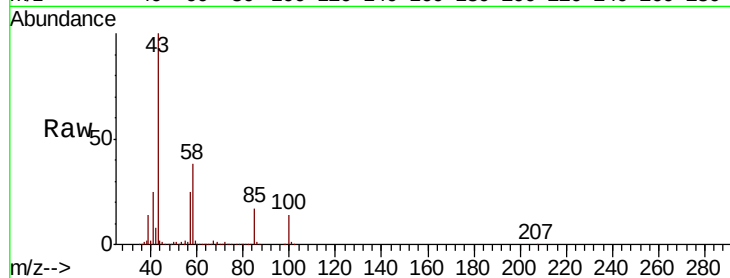
58 37.7 29.9 44.9

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#52

Toluene

Concen: 137.68 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005406.D

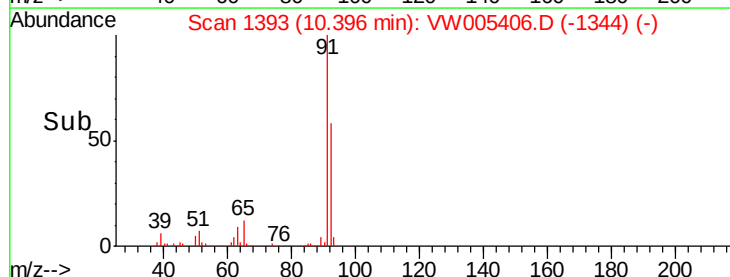
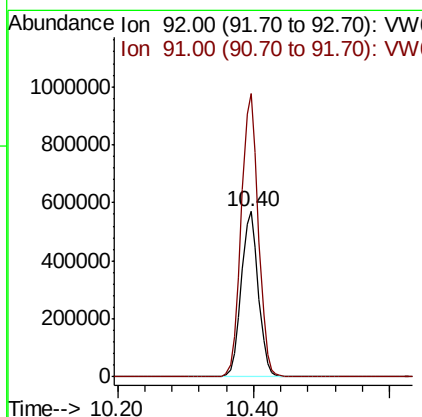
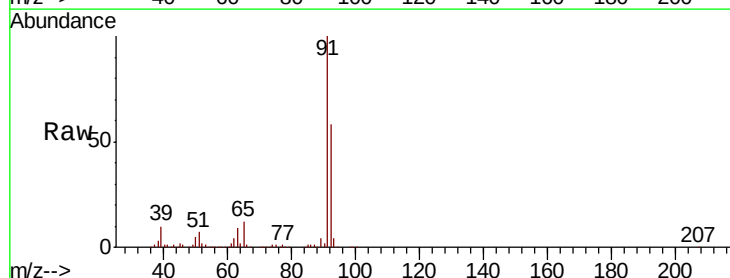
Acq: 15 Sep 2018 01:22

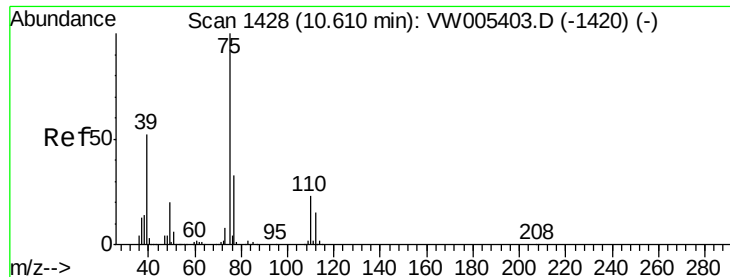
Tgt Ion: 92 Resp: 986695

Ion Ratio Lower Upper

92 100

91 172.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 157.97 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 75 Resp: 491412

Ion Ratio Lower Upper

75 100

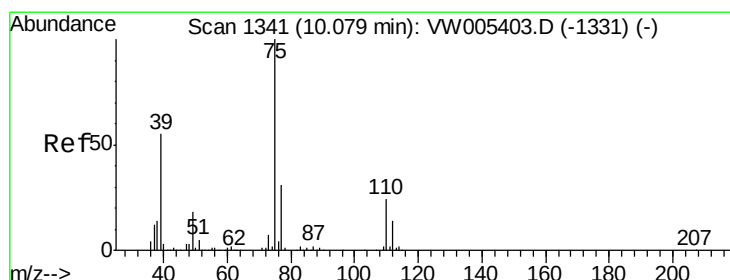
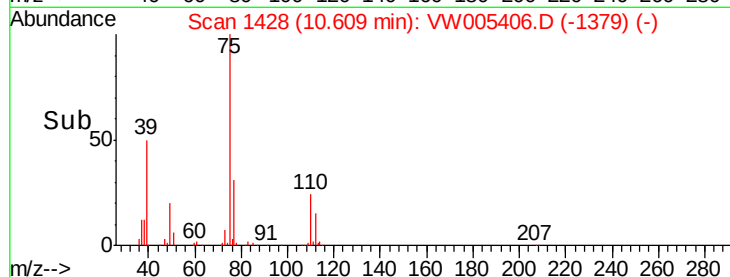
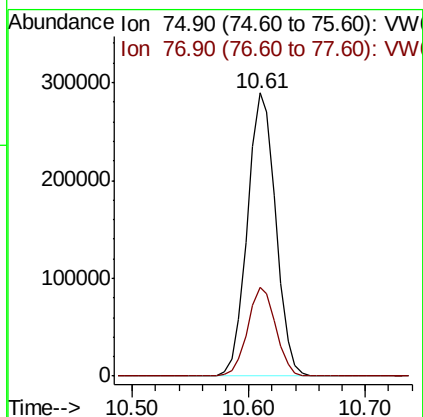
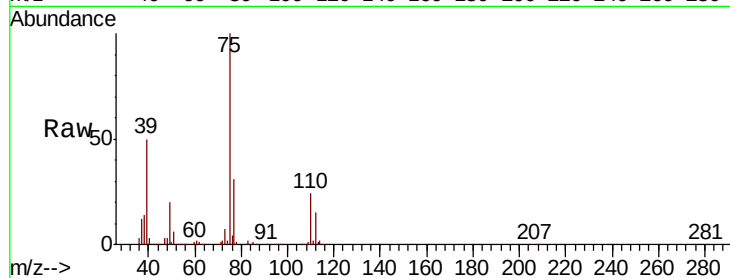
77 31.3 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 147.95 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

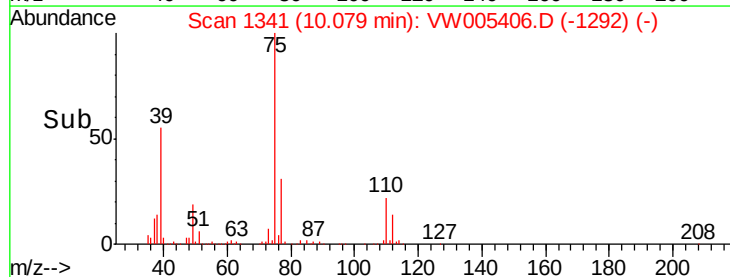
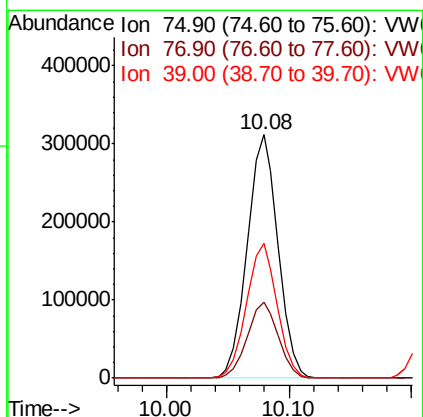
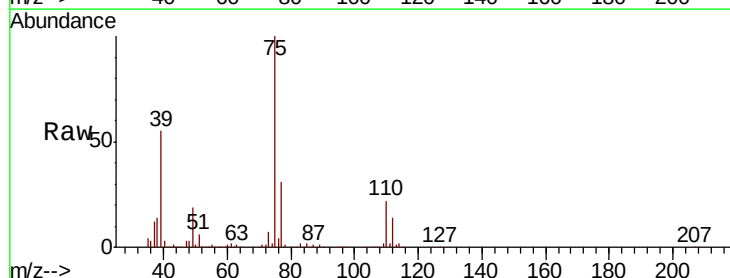
Tgt Ion: 75 Resp: 545660

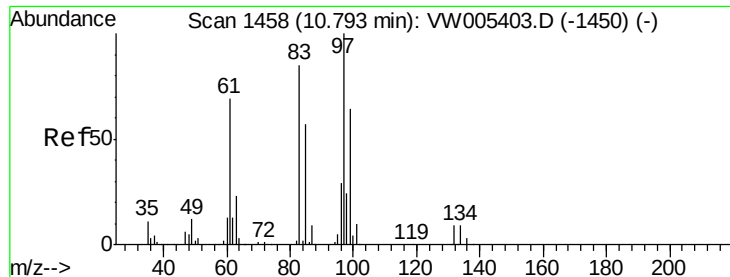
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 55.2 44.2 66.2





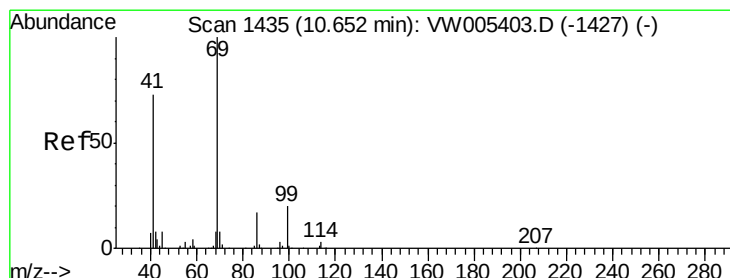
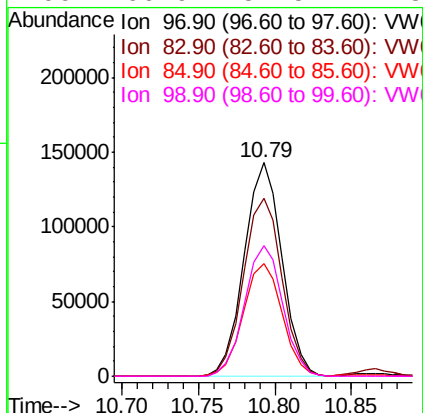
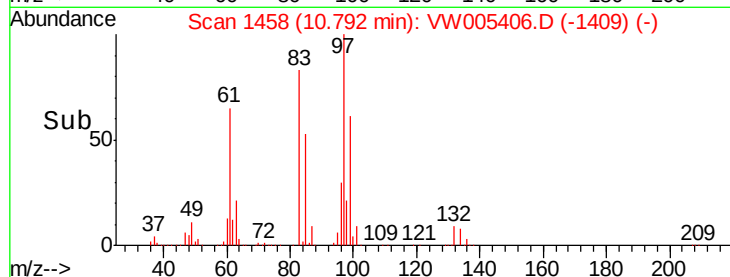
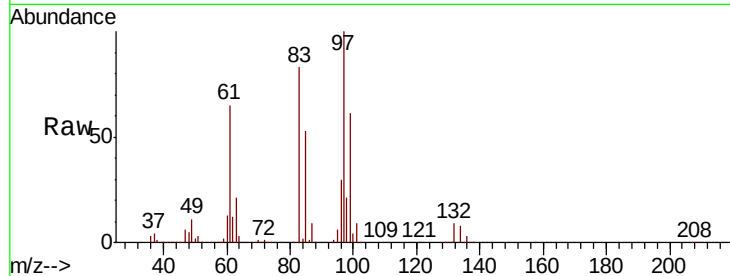
#55
 1,1,2-Trichloroethane
 Concen: 133.27 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	97	Resp	245467
Ion Ratio	Lower	Upper	
97	100		
83	83.4	67.8	101.8
85	52.9	45.4	68.0
99	60.9	51.5	77.3

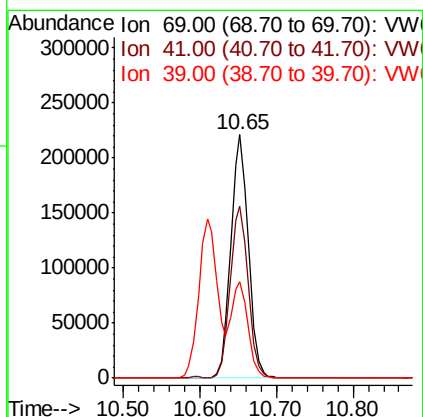
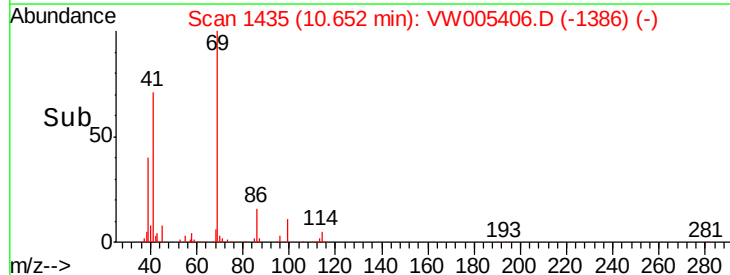
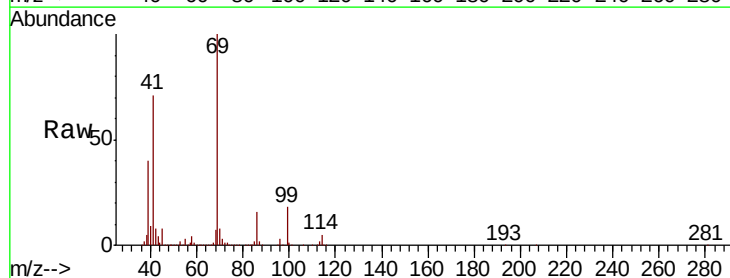
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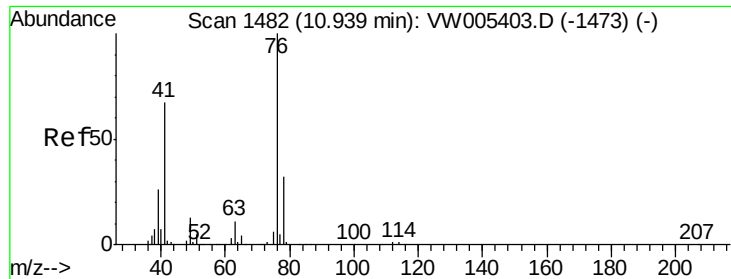
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#56
 Ethyl methacrylate
 Concen: 149.27 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	69	Resp	349755
Ion Ratio	Lower	Upper	
69	100		
41	72.0	59.3	88.9
39	37.0	30.2	45.4





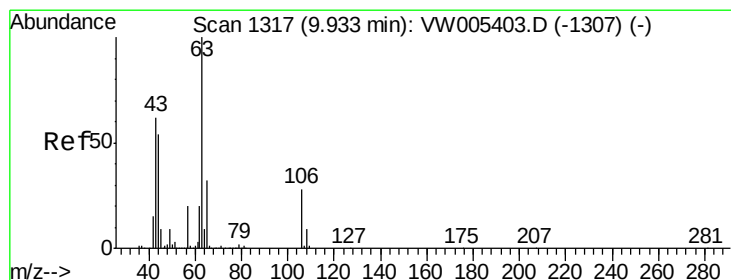
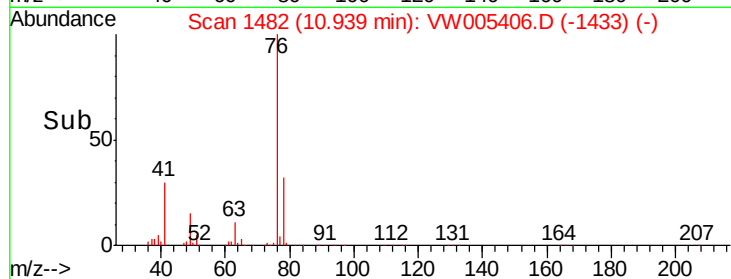
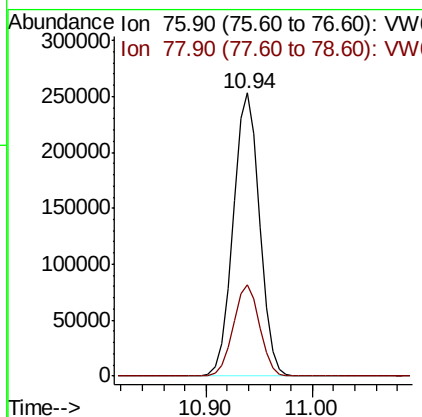
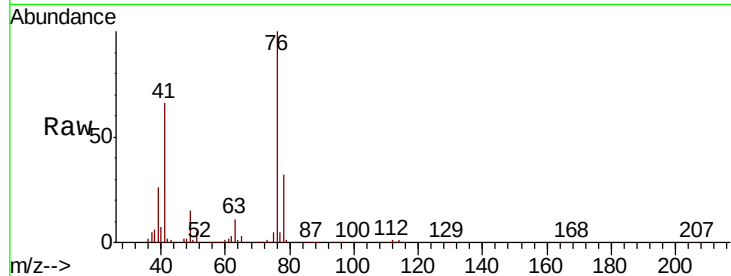
#57
 1,3-Dichloropropane
 Concen: 141.81 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4

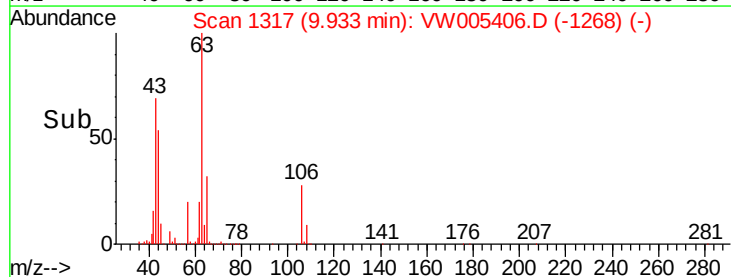
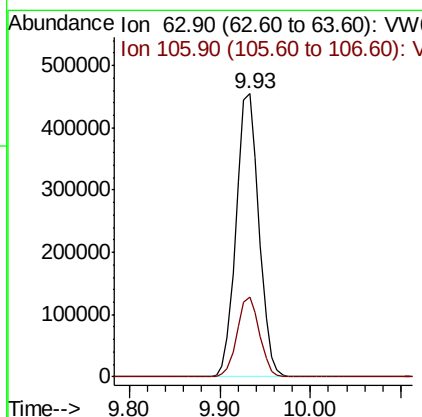
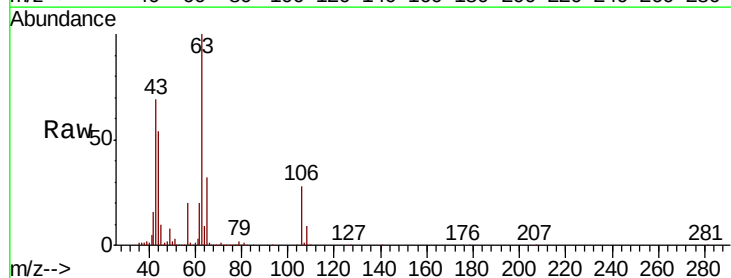
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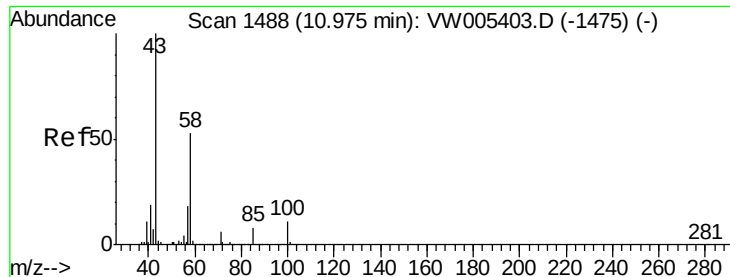
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#58
 2-Chloroethyl Vinyl ether
 Concen: 775.92 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.0	33.0





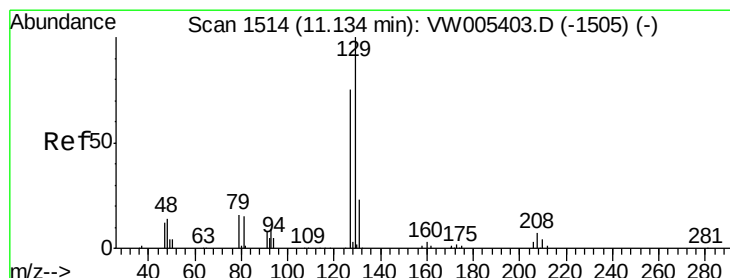
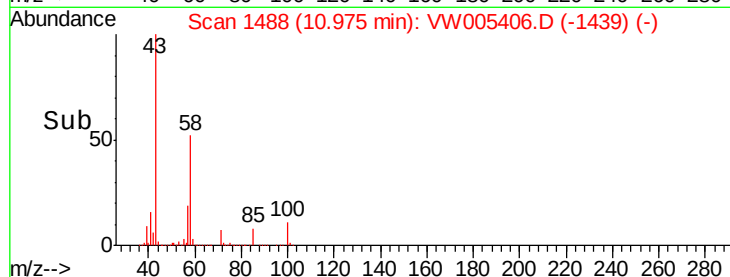
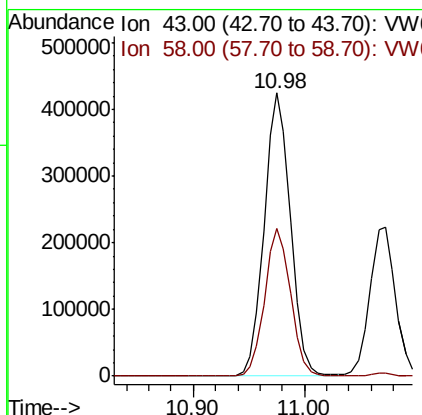
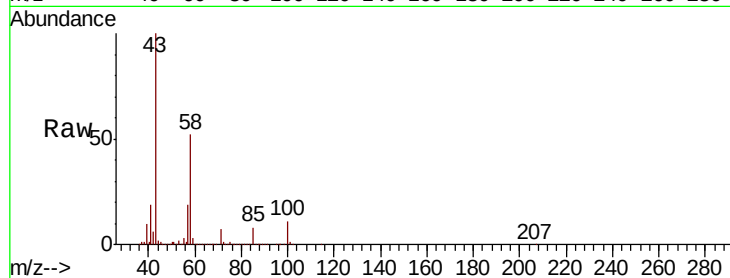
#59
2-Hexanone
Concen: 716.32 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.5	76.5

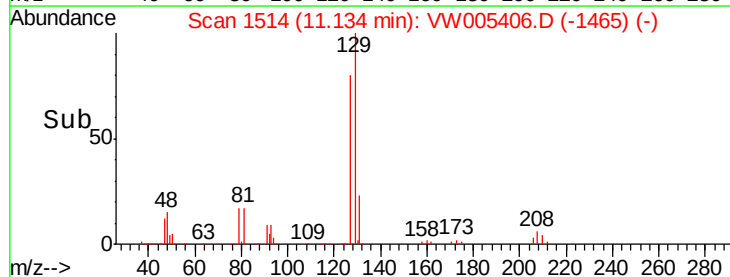
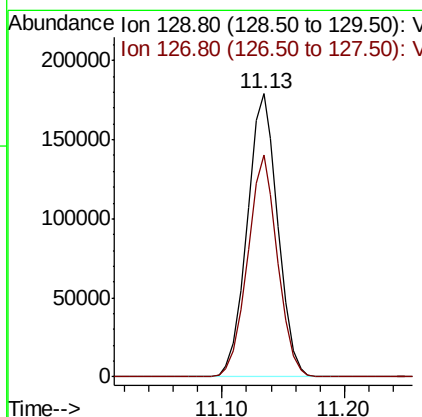
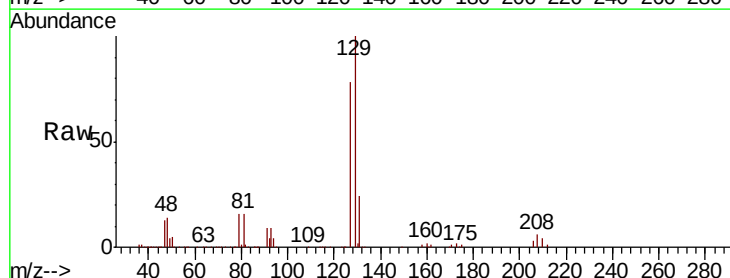
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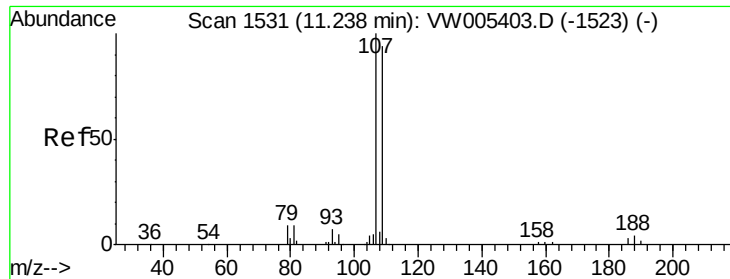
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#60
Dibromochloromethane
Concen: 149.89 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3





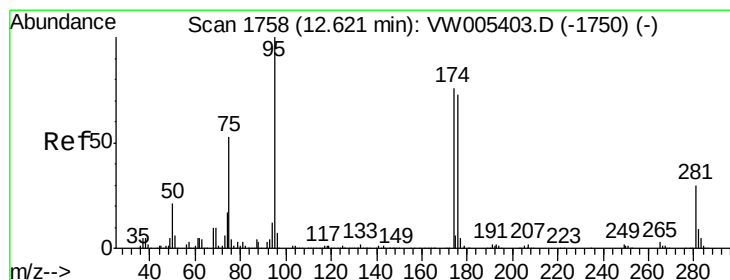
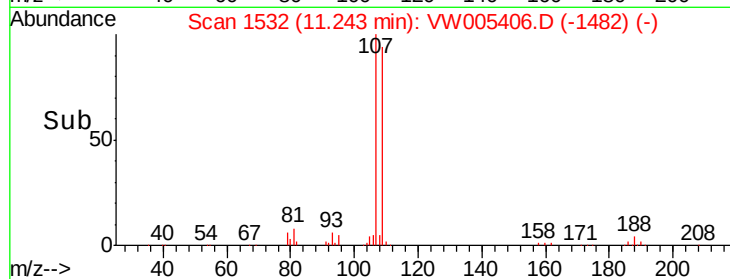
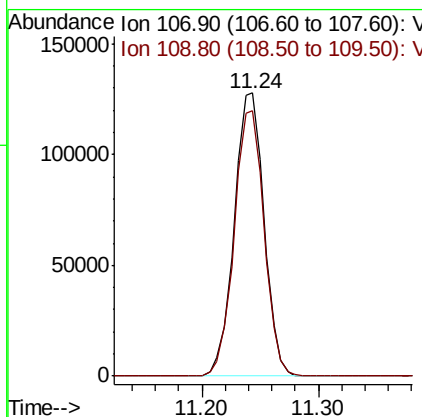
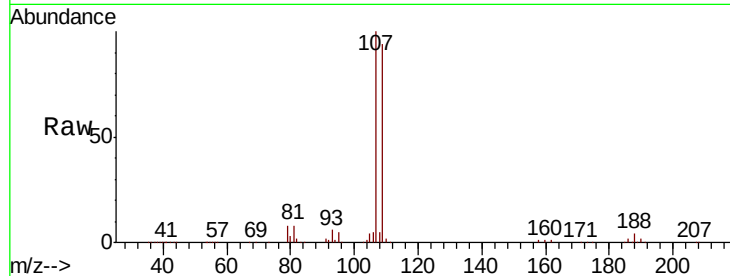
#61
 1,2-Dibromoethane
 Concen: 134.77 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.0	112.6

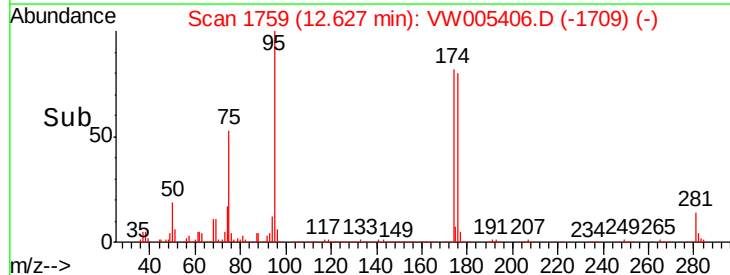
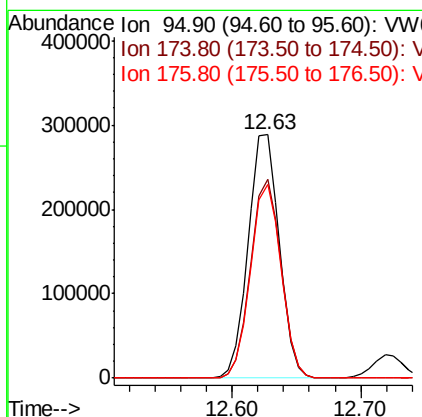
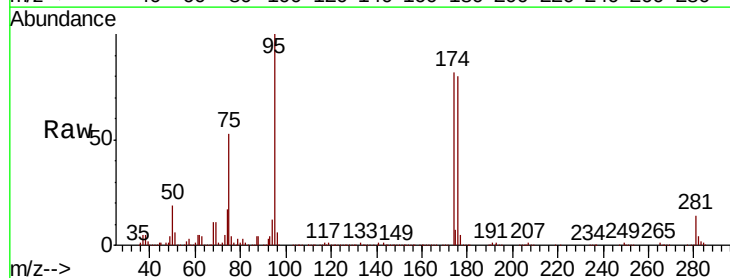
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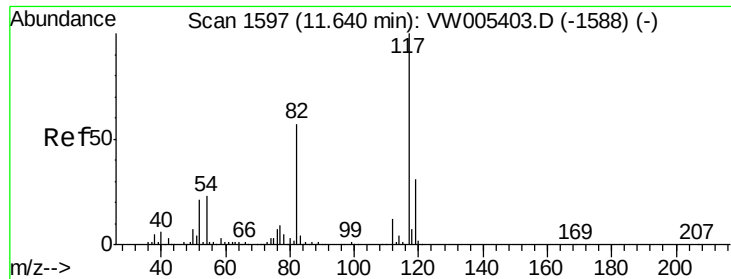
apatel
 9/17/2018 2:24:09 PM



#62
 4-Bromofluorobenzene
 Concen: 135.23 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	161.2
176	78.3	0.0	156.6





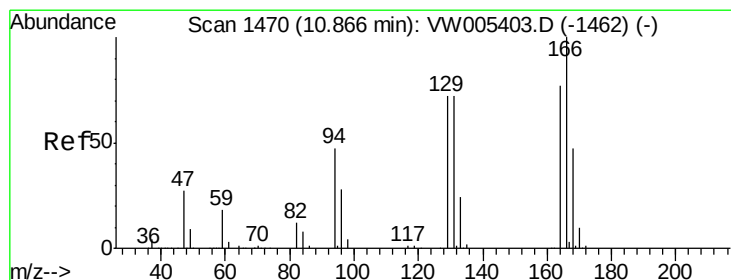
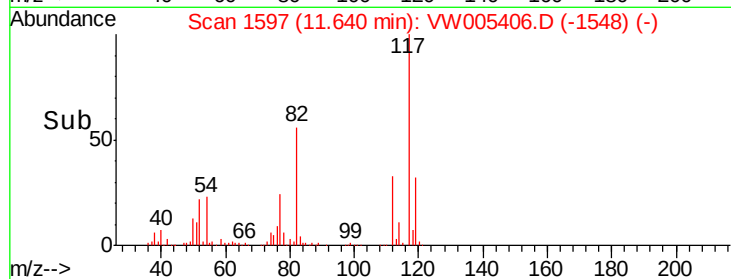
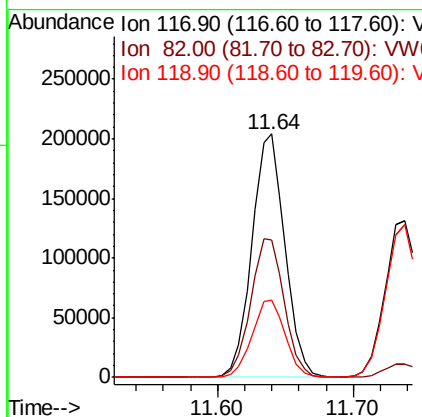
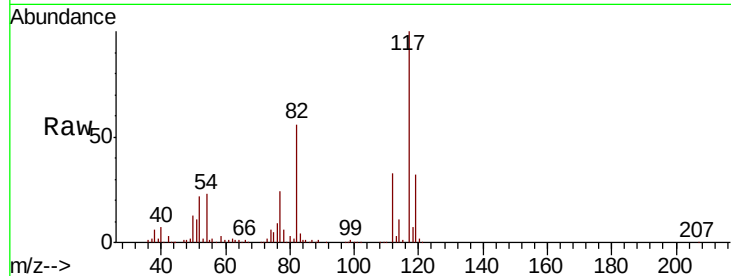
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	346666		
82	56.4		45.9	68.9
119	31.7		24.8	37.2

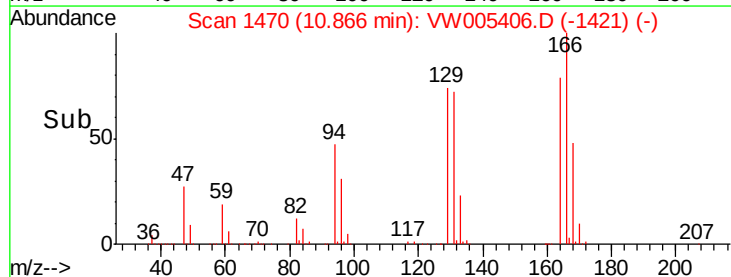
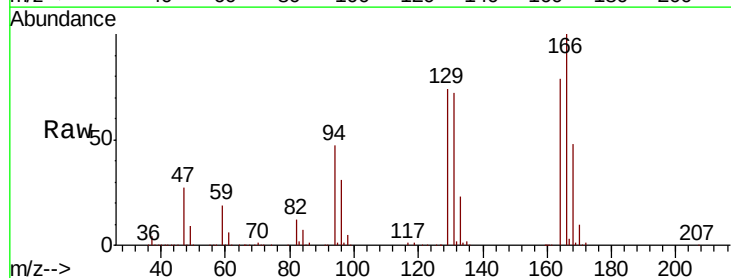
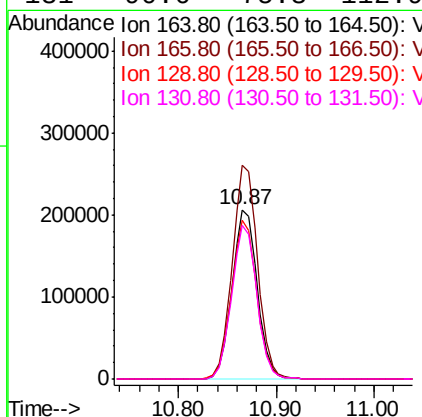
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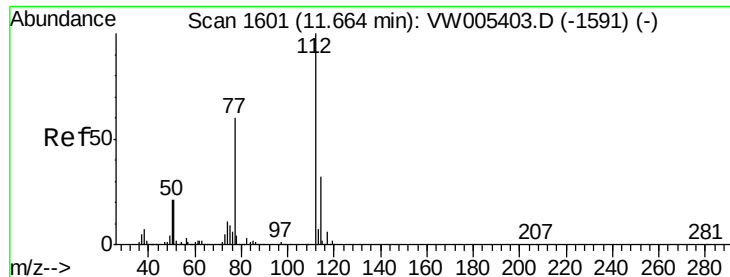
apatel
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#64
Tetrachloroethene
Concen: 143.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	368752		
166	126.4		104.0	156.0
129	94.0		74.9	112.3
131	90.6		75.3	112.9





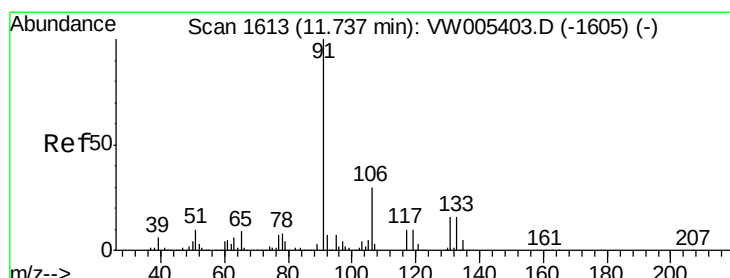
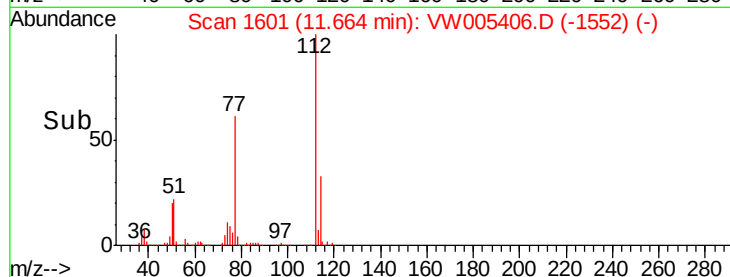
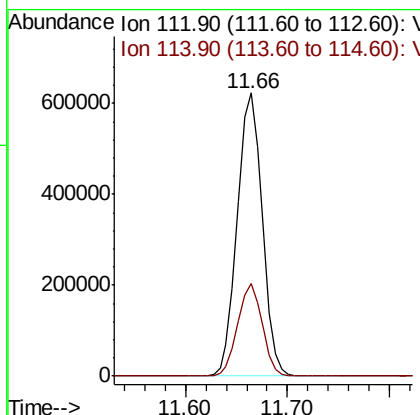
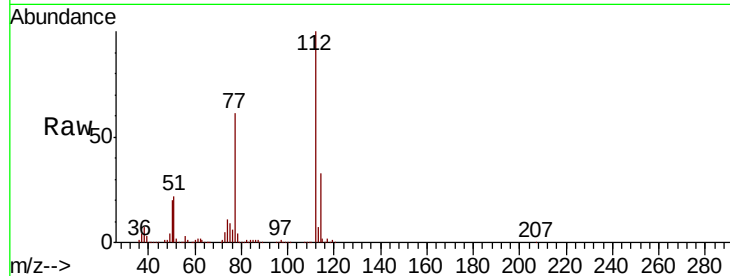
#65
Chlorobenzene
Concen: 139.74 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1053417
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9

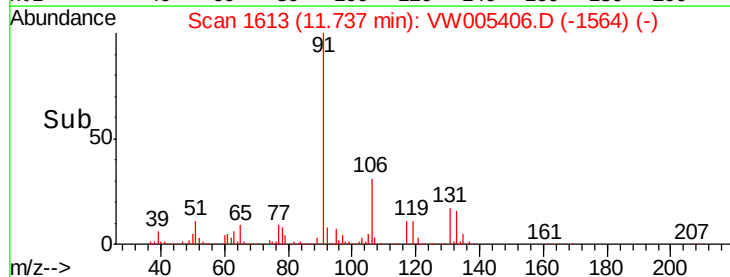
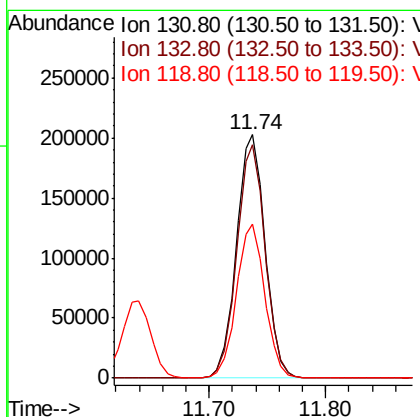
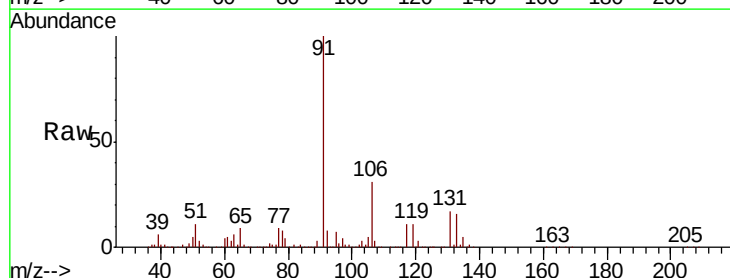
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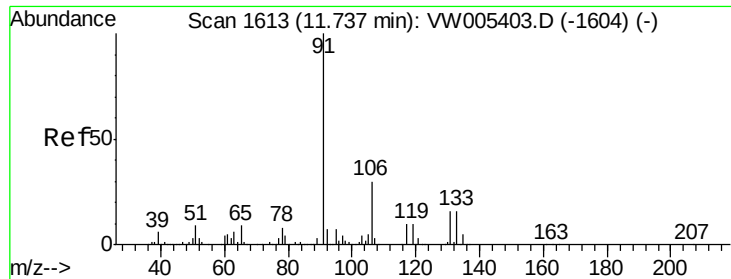
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.10 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:131 Resp: 346534
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 62.8 31.1 93.5





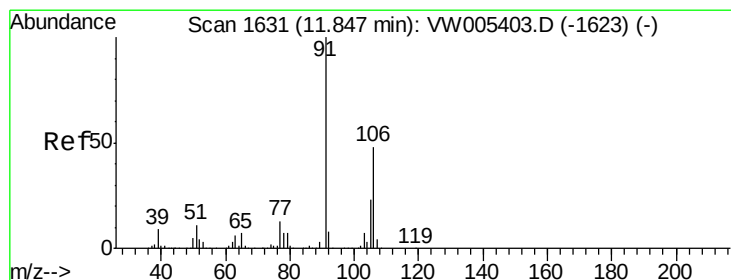
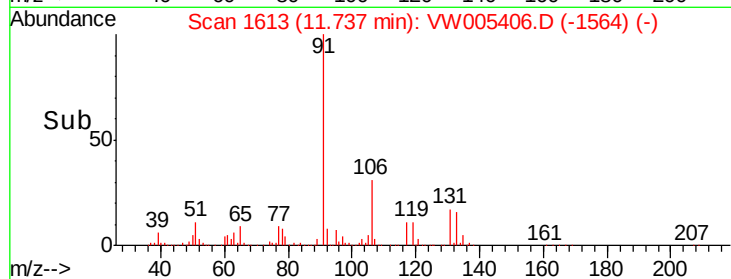
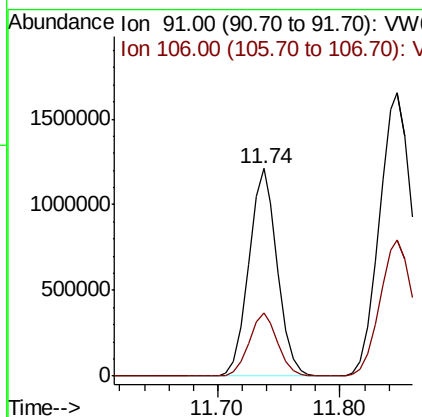
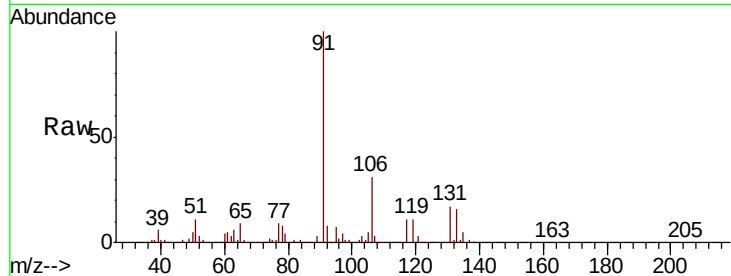
#67
Ethyl Benzene
Concen: 148.11 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1949854
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

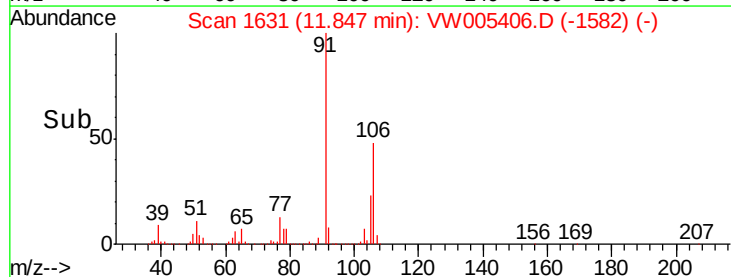
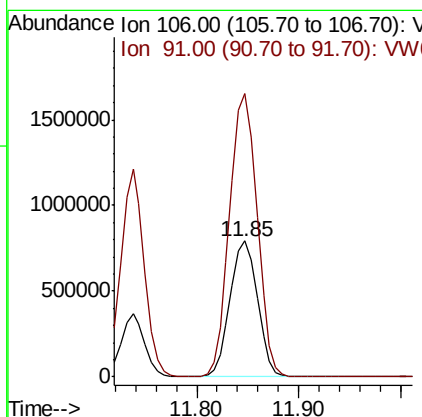
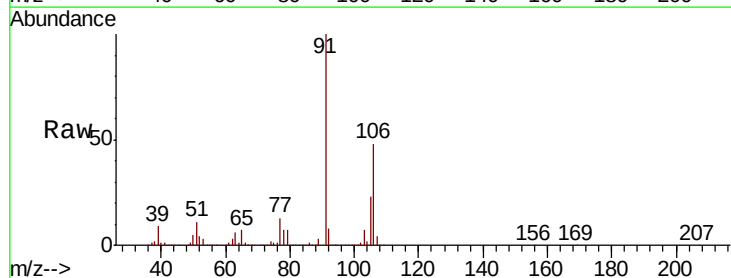
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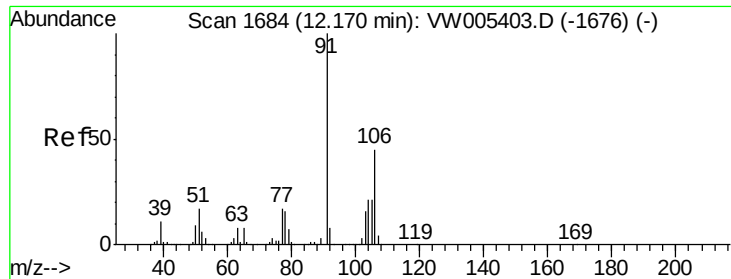
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#68
m/p-Xylenes
Concen: 281.63 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 106 Resp: 1485533
Ion Ratio Lower Upper
106 100
91 209.0 167.9 251.9





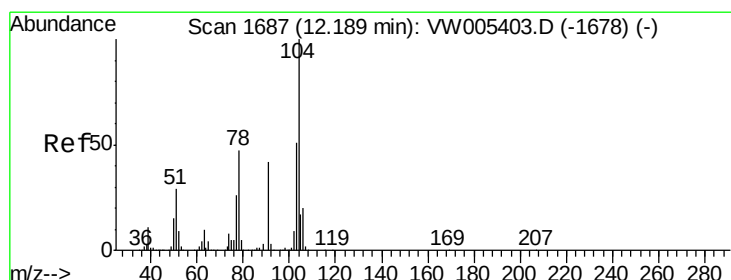
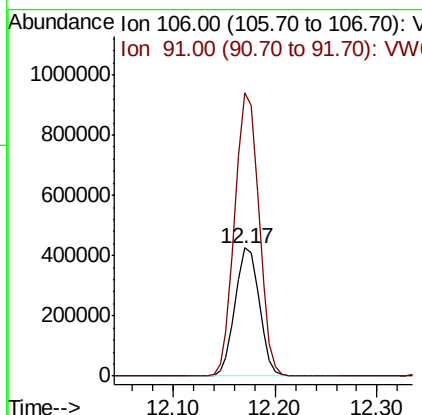
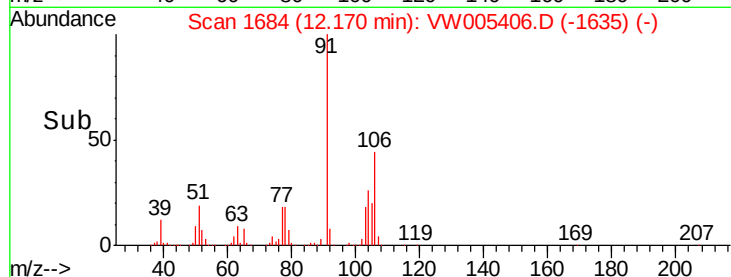
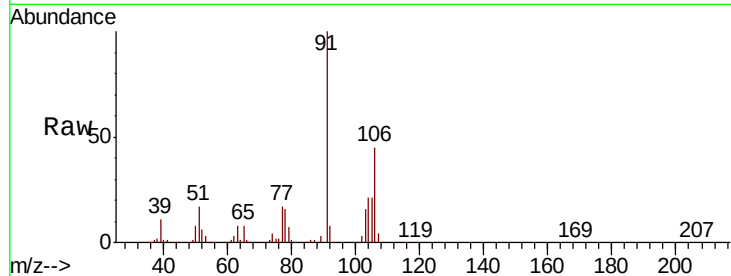
#69
o-Xylene
Concen: 142.80 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		699451		
91	220.8	110.6	331.6		

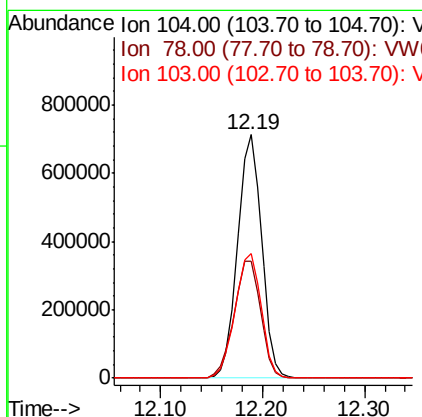
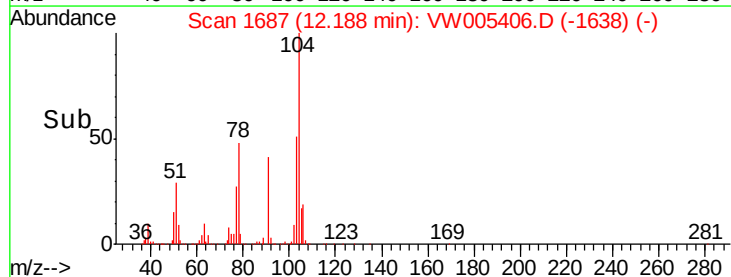
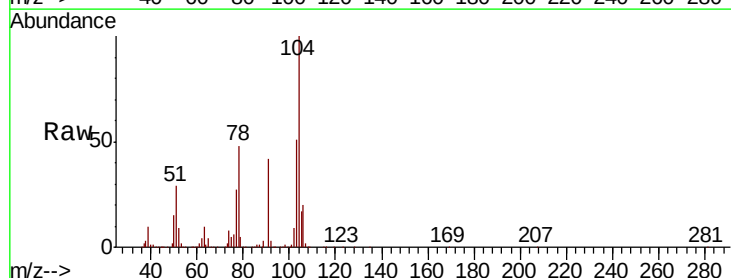
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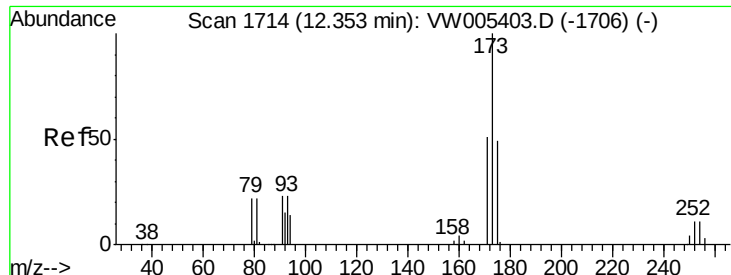
apatel
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#70
Styrene
Concen: 144.56 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		1159012		
78	53.6	42.4	63.6		
103	55.9	44.8	67.2		





#71

Bromoform

Concen: 149.40 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

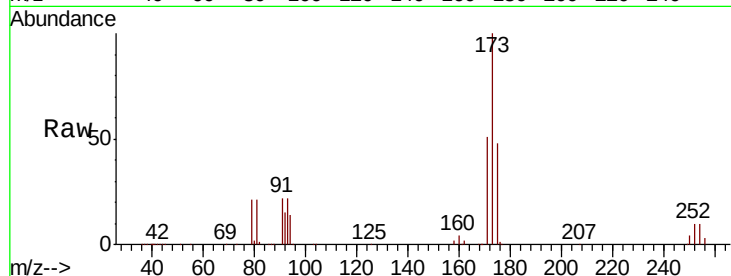
ClientSampleId :

VSTDIC150

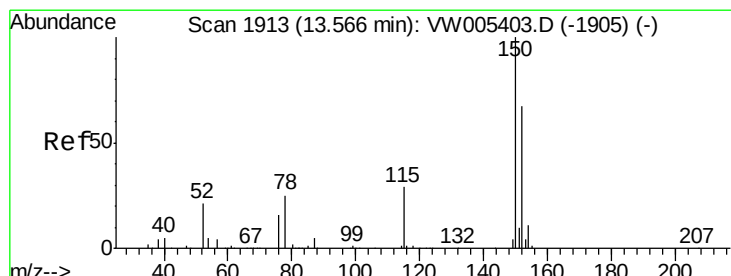
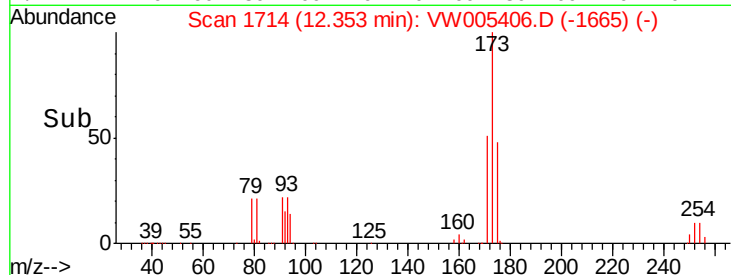
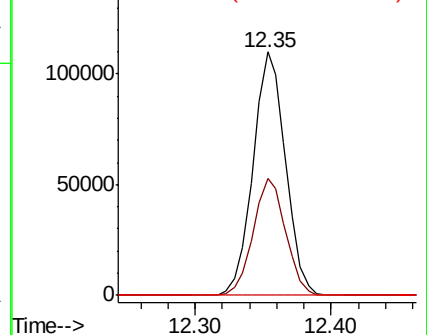
Tot Ion:	173	Resp:	183812
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.2	72.6
254	0.0	0.0	0.0#

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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: 50.00 ug/l

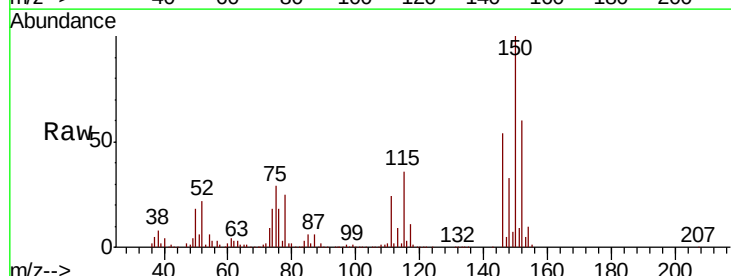
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

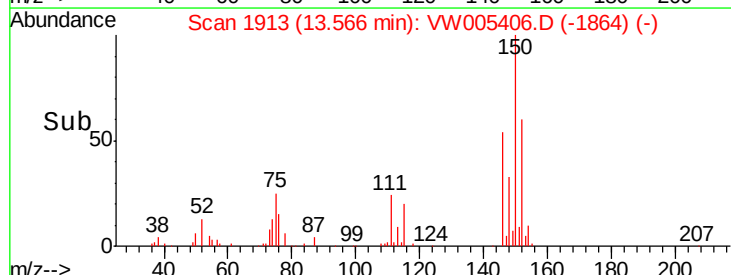
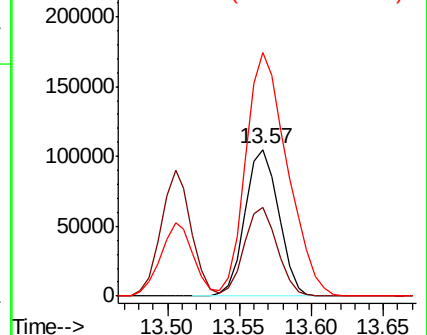
Lab File: VW005406.D

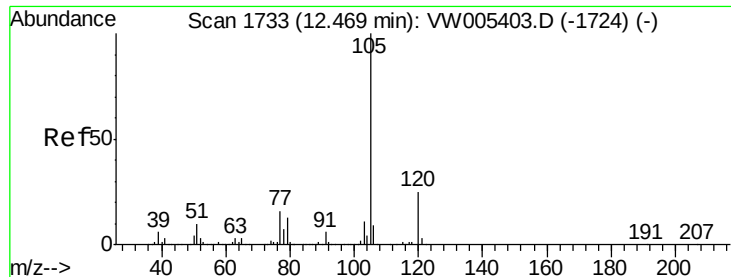
Acq: 15 Sep 2018 01:22

Tgt Ion:	152	Resp:	170783
Ion Ratio	Lower	Upper	
152	100		
115	58.8	29.5	88.5
150	203.4	0.0	345.6



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: 161.09 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1932007

Ion Ratio Lower Upper

105 100

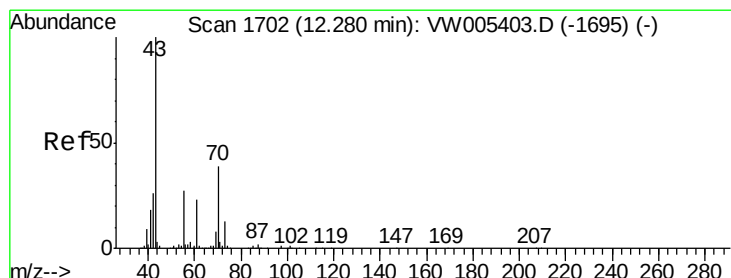
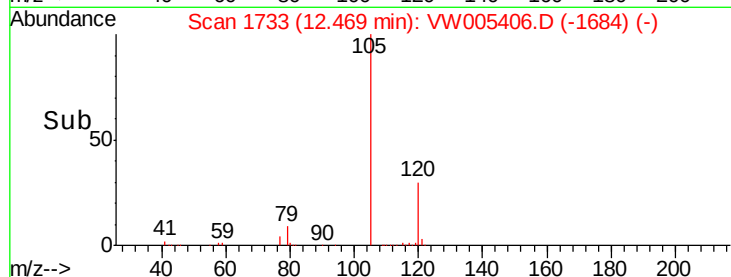
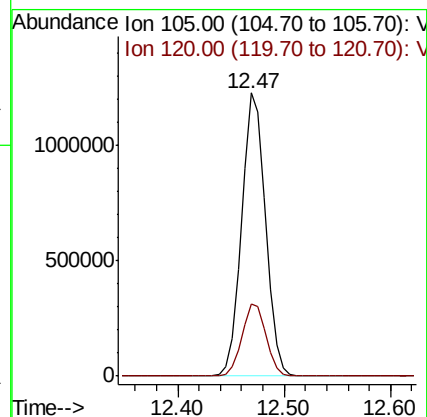
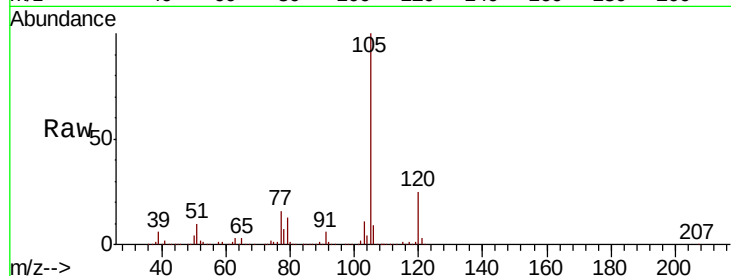
120 25.7 12.9 38.6

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#74

N-ethyl acetate

Concen: 173.82 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion: 43 Resp: 404907

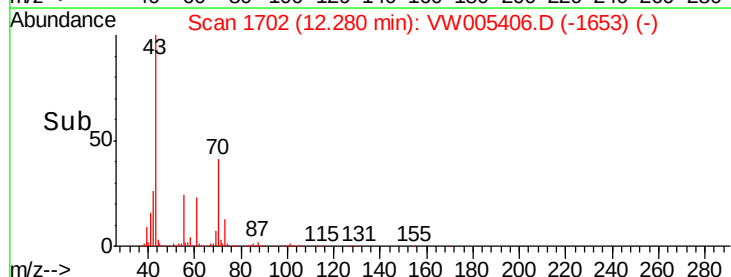
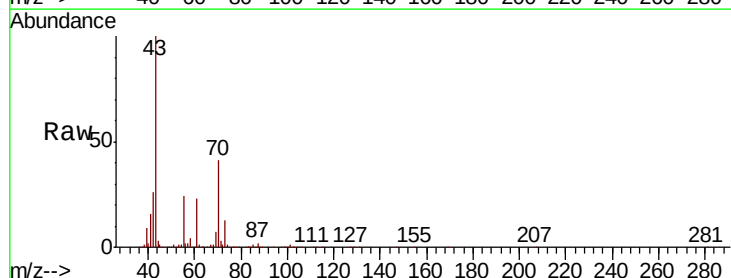
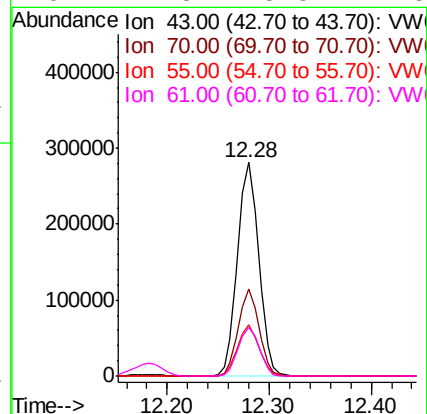
Ion Ratio Lower Upper

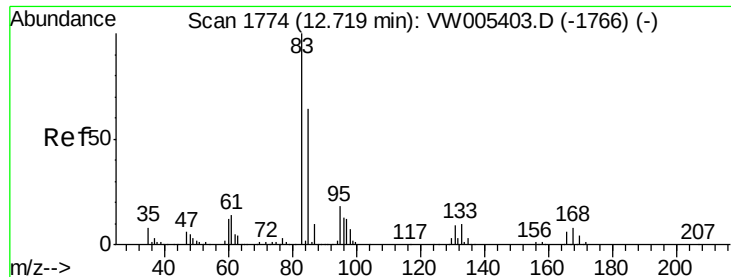
43 100

70 39.6 31.9 47.9

55 24.1 21.4 32.0

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 146.09 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

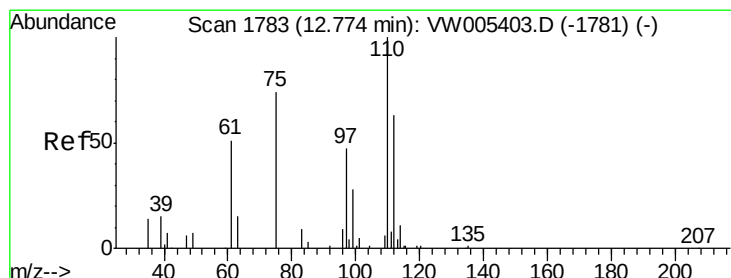
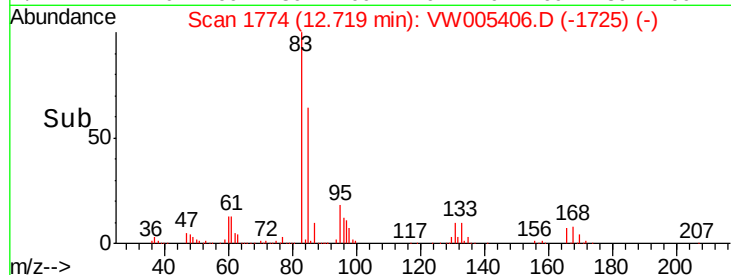
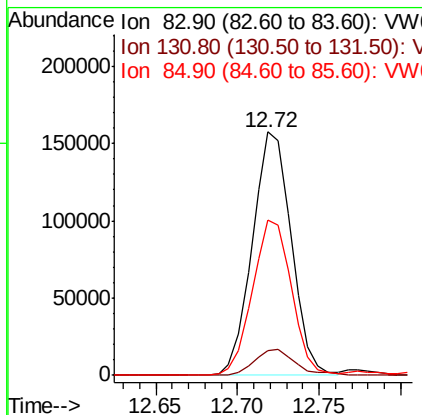
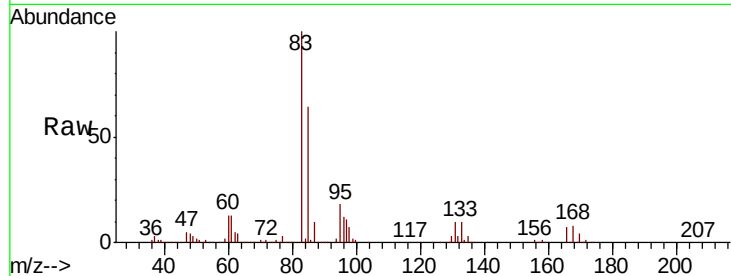
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	262112
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	64.0	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 145.81 ug/l m

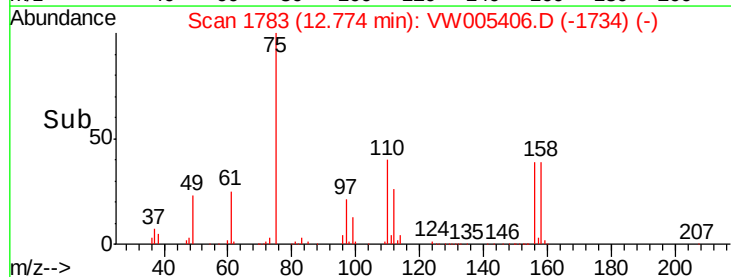
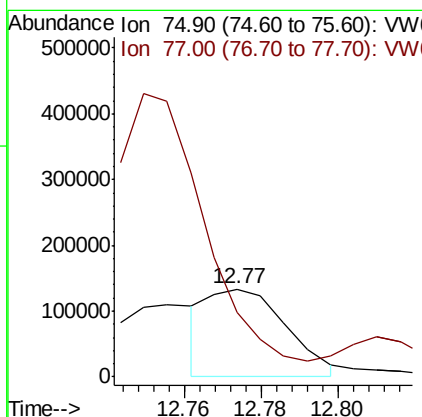
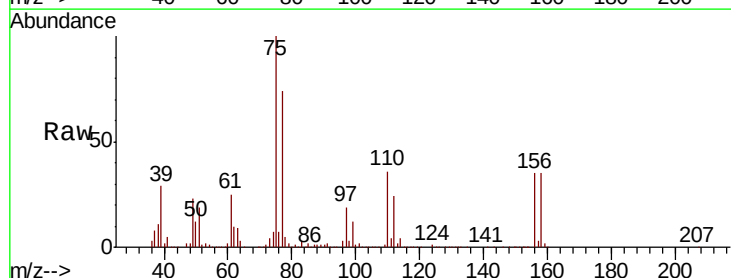
RT: 12.77 min Scan# 1783

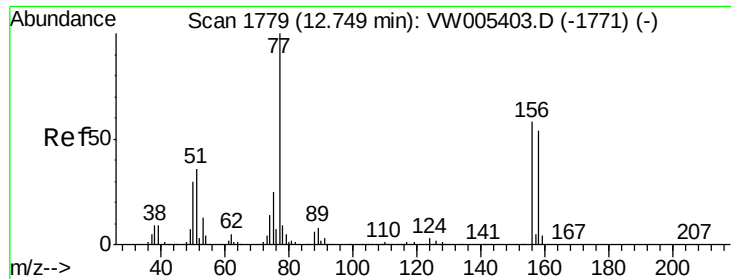
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	75	Resp:	191135
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 148.81 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

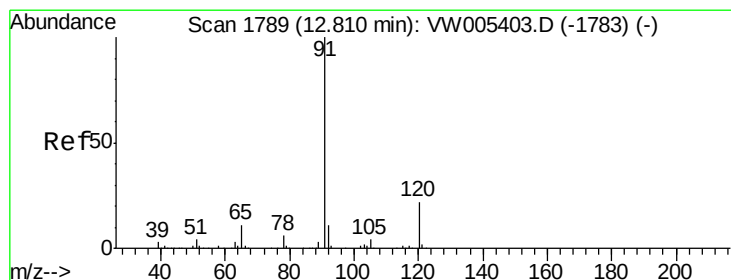
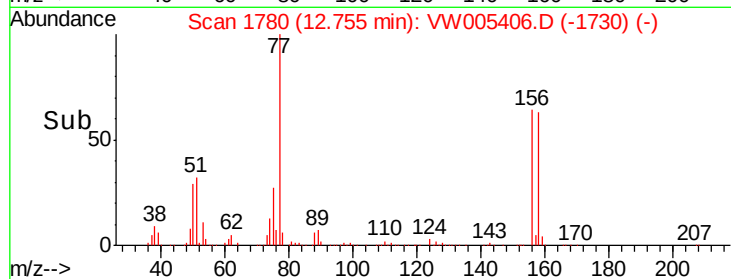
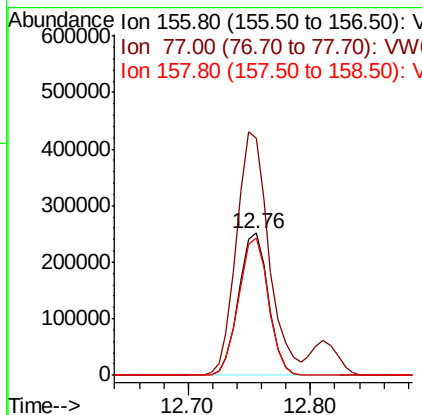
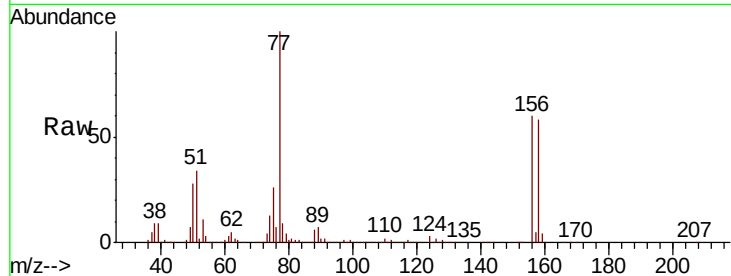
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.5	92.8	278.3
158	97.1	48.2	144.6

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#78

n-propylbenzene

Concen: 157.98 ug/l

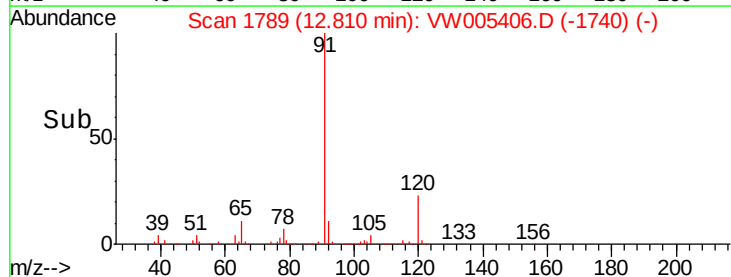
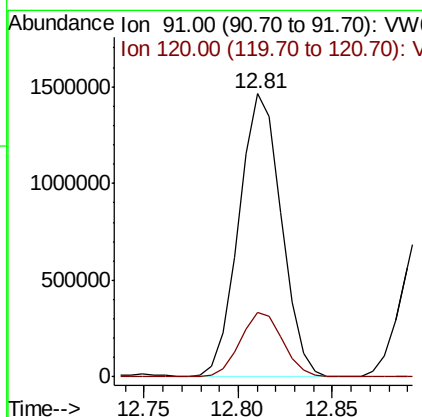
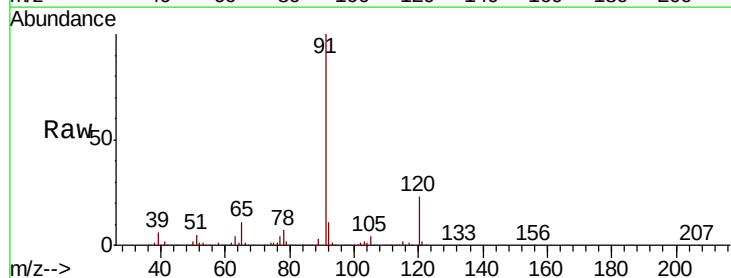
RT: 12.81 min Scan# 1789

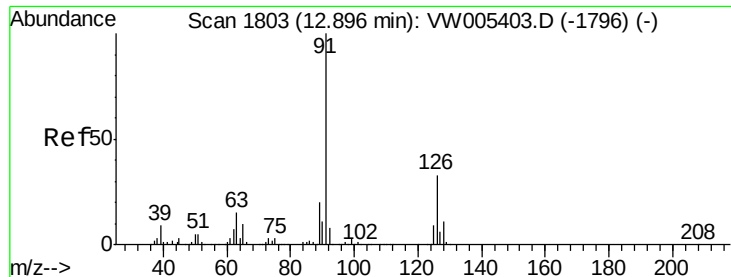
Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8





#79

2-Chlorotoluene

Concen: 157.73 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1314587

Ion Ratio Lower Upper

91 100

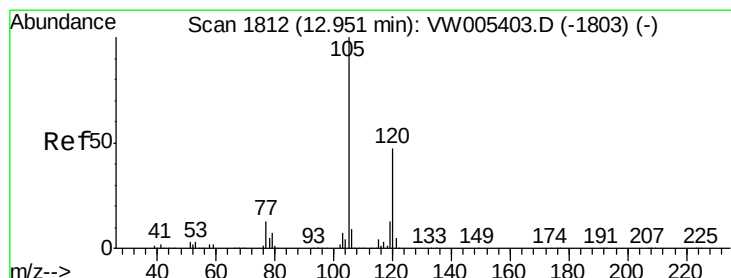
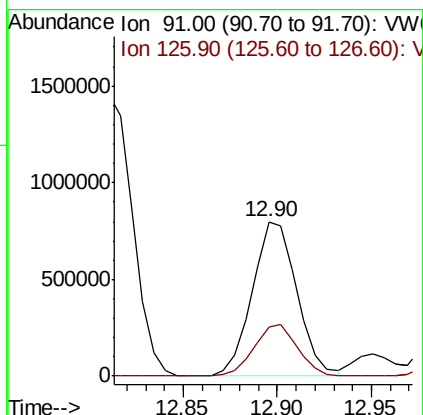
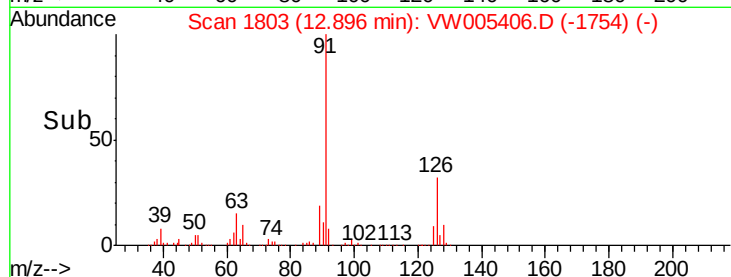
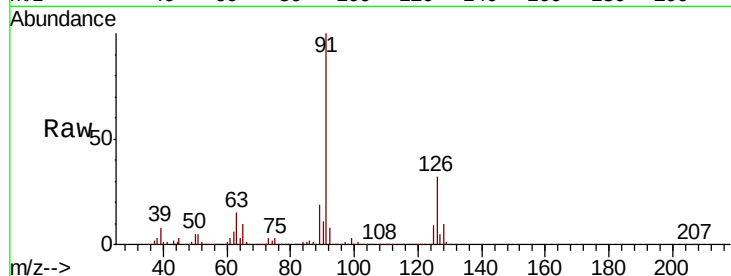
126 32.7 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 159.70 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005406.D

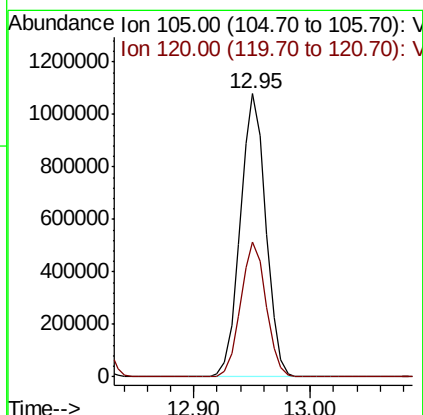
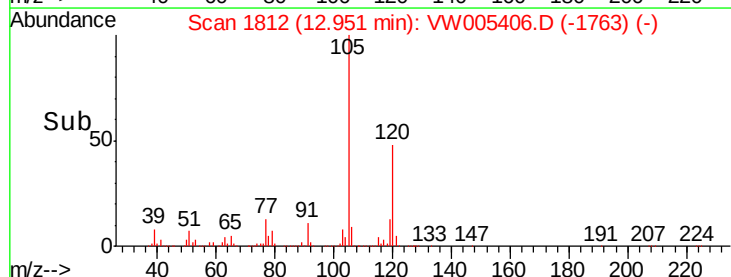
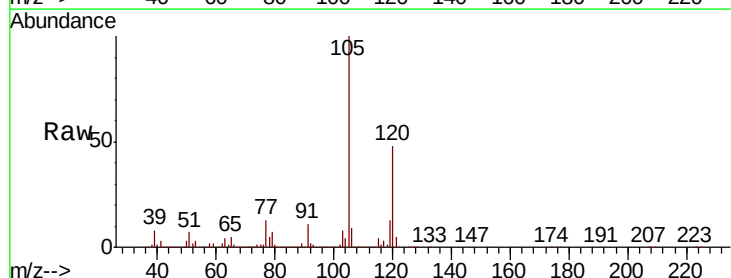
Acq: 15 Sep 2018 01:22

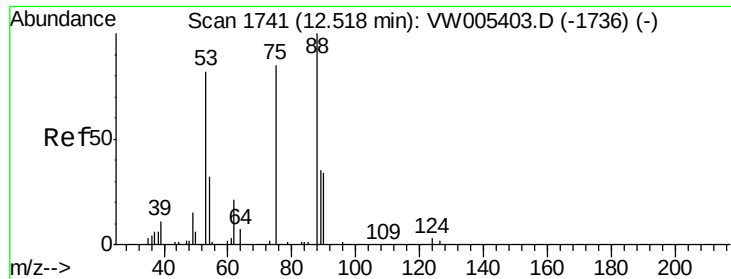
Tgt Ion:105 Resp: 1650375

Ion Ratio Lower Upper

105 100

120 47.4 23.5 70.5





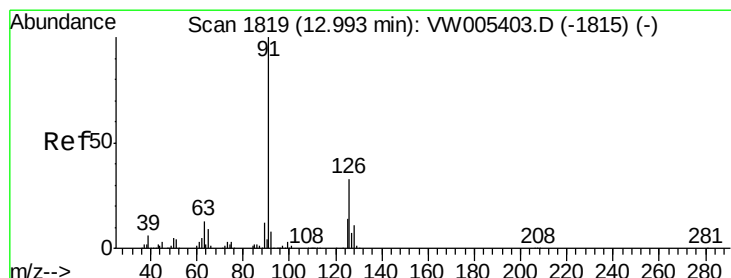
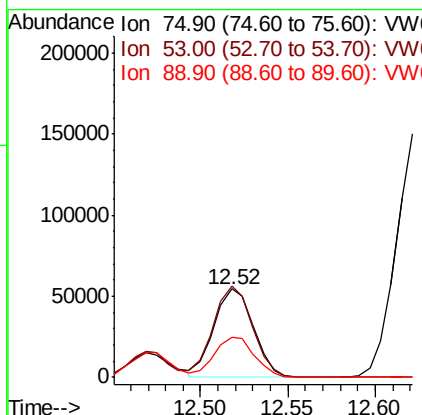
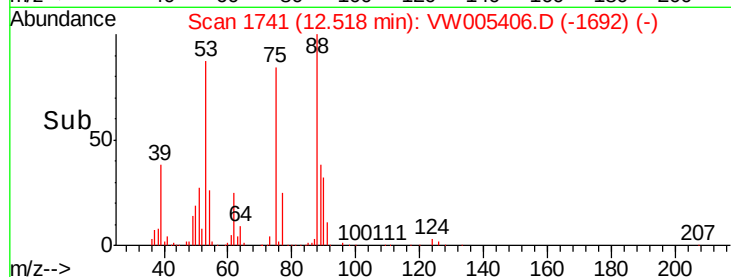
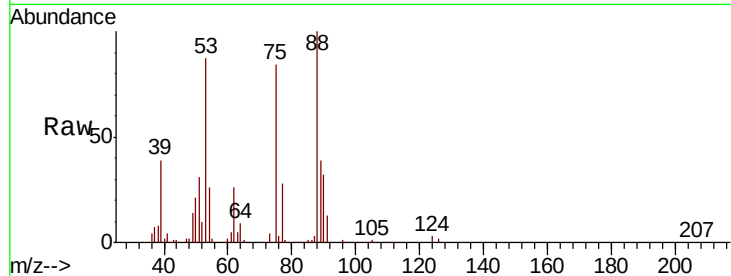
#81
trans-1,4-Dichloro-2-butene
Concen: 154.73 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.2	124.8
89	46.0	36.6	54.8

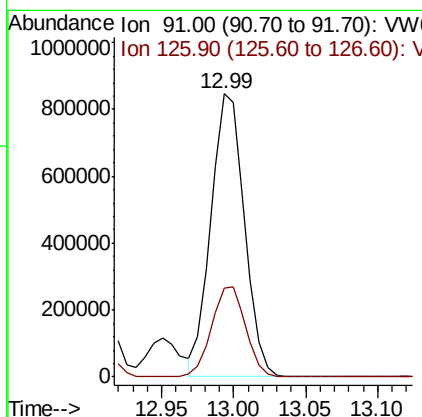
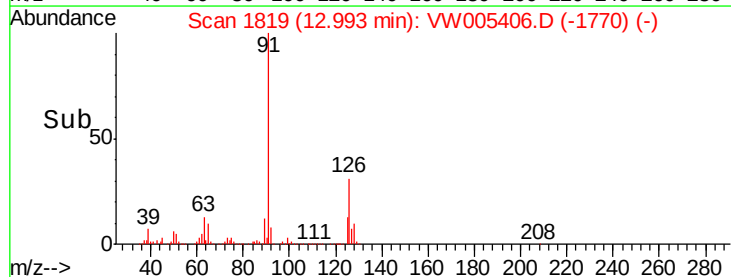
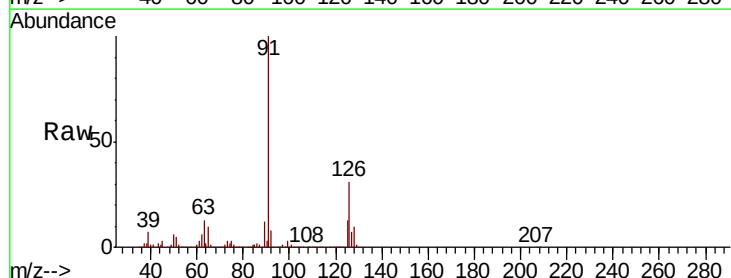
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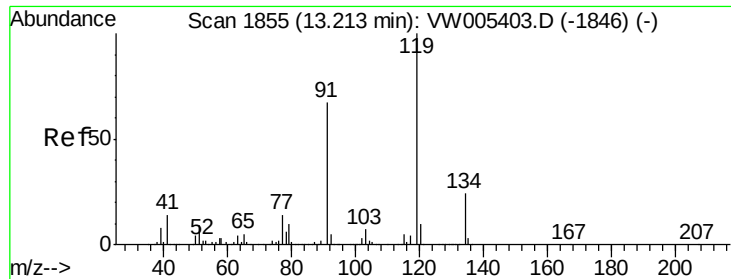
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#82
4-Chlorotoluene
Concen: 156.36 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.1





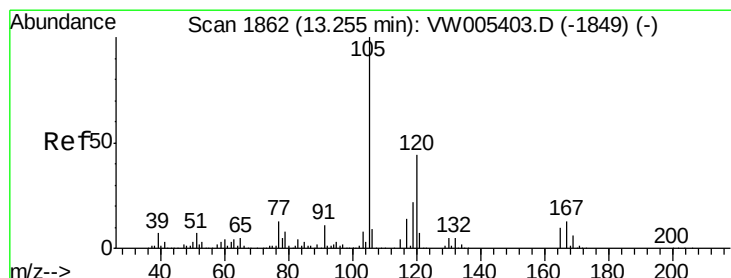
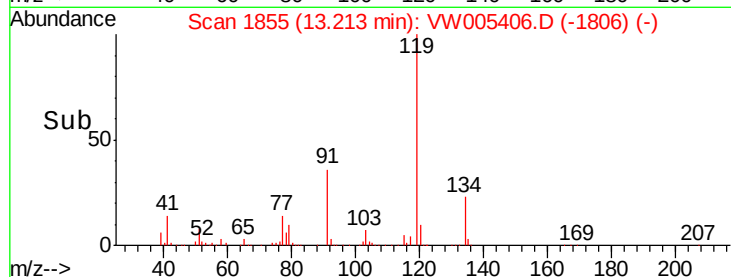
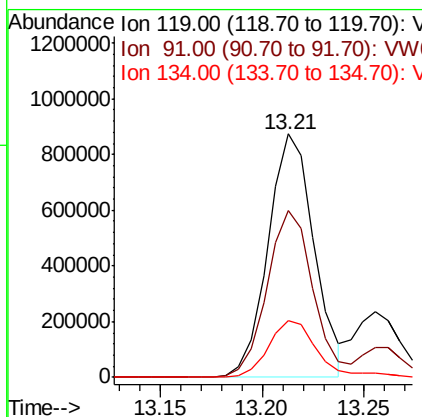
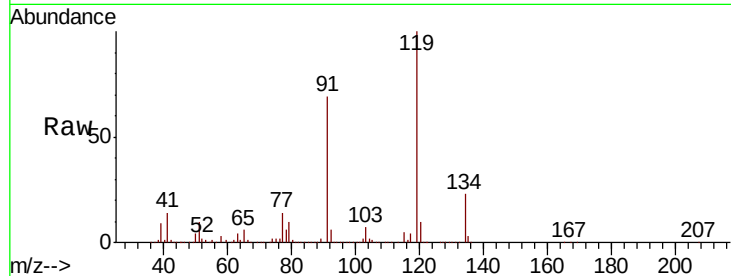
#83
 tert-Butylbenzene
 Concen: 153.58 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion:119 Resp: 1376411
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.4 103.2
 134 25.2 12.7 38.0

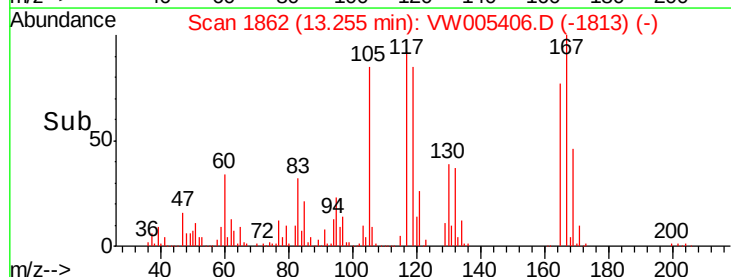
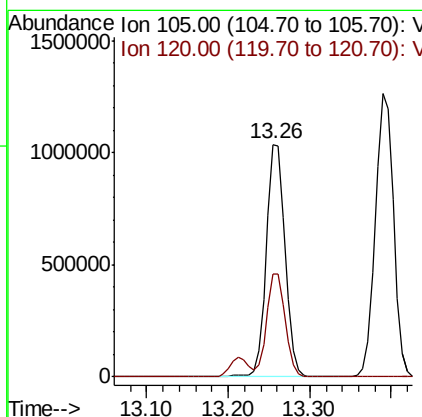
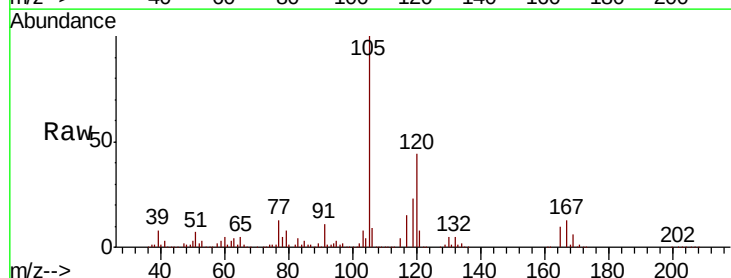
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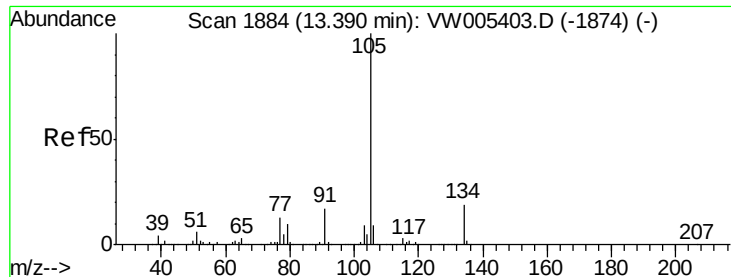
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#84
 1,2,4-Trimethylbenzene
 Concen: 158.78 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:105 Resp: 1656431
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3





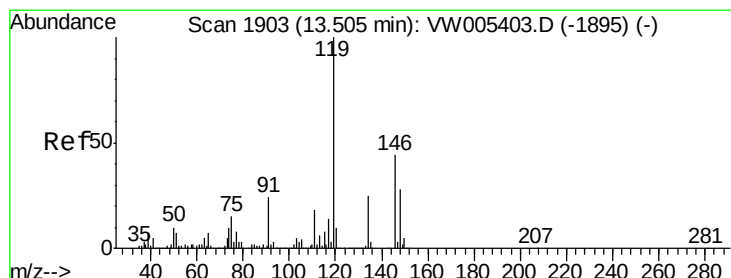
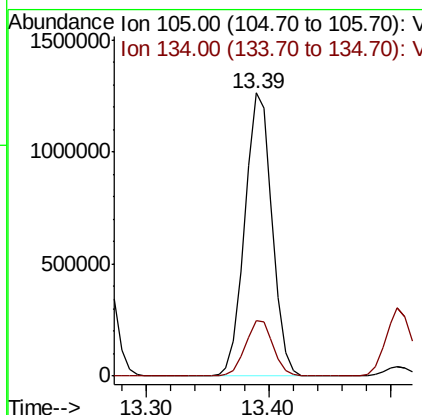
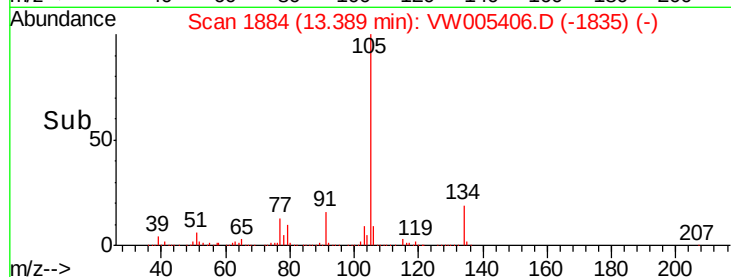
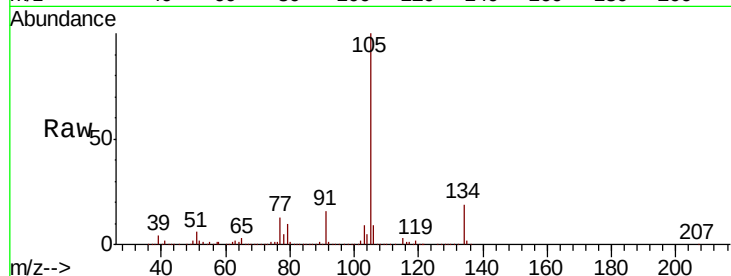
#85
 sec-Butylbenzene
 Concen: 151.98 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion:105 Resp: 1954819
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

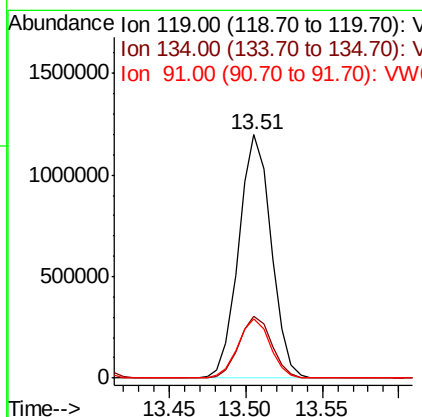
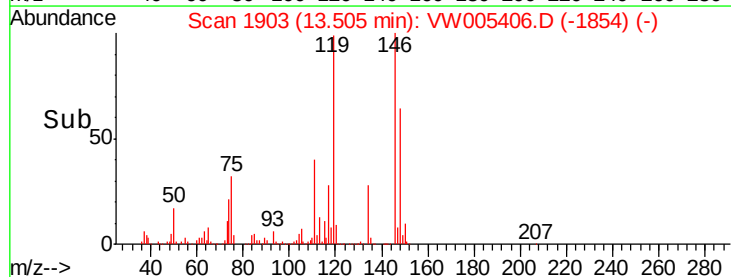
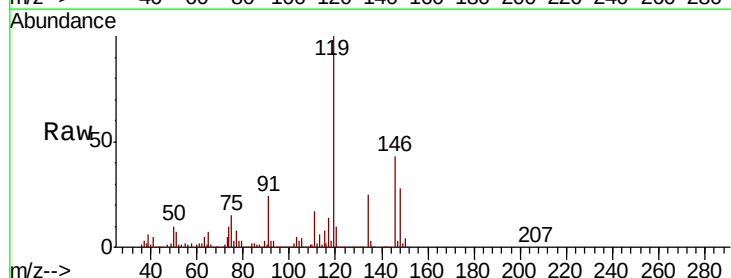
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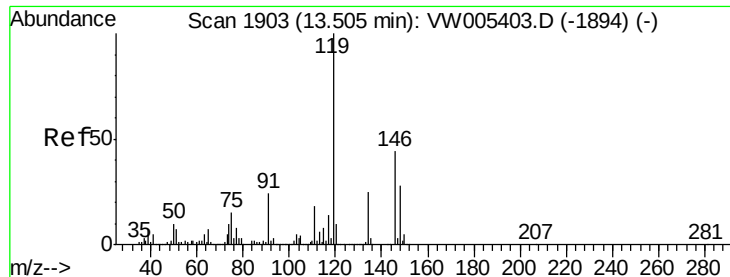
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#86
 p-Isopropyltoluene
 Concen: 154.65 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:119 Resp: 1764597
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.0 36.0





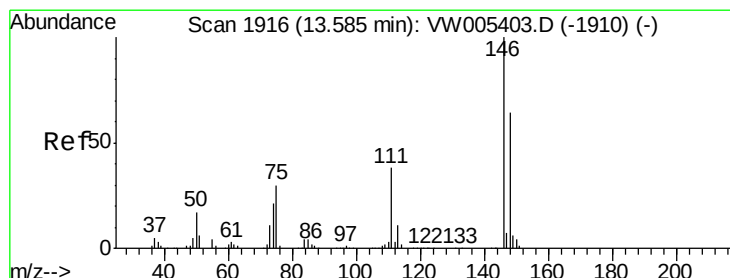
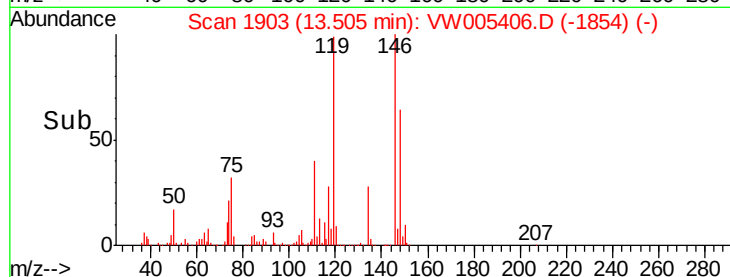
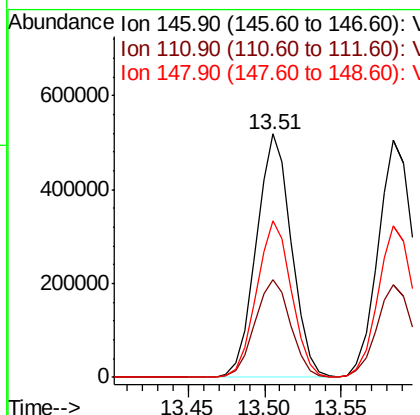
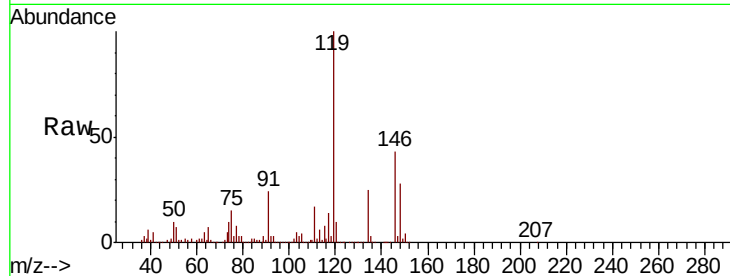
#87
 1,3-Dichlorobenzene
 Concen: 139.92 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	828554		
111	40.8	20.4	61.2	
148	63.9	32.0	96.0	

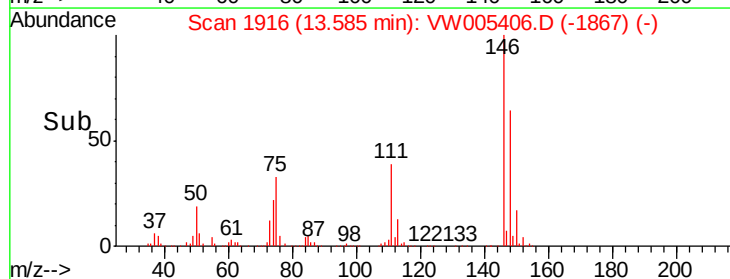
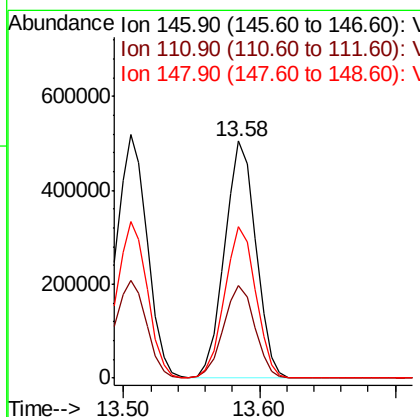
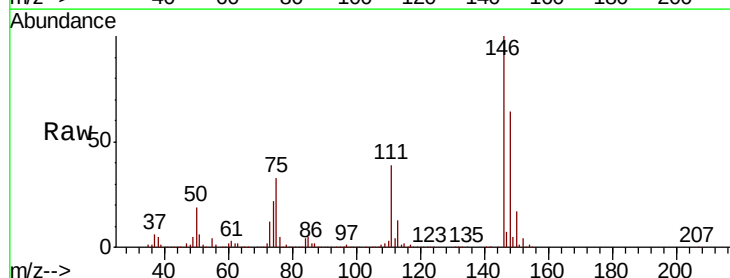
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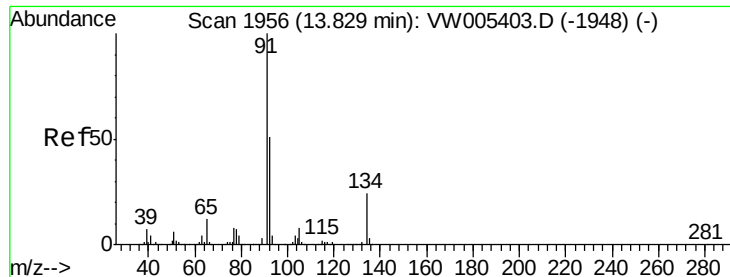
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#88
 1,4-Dichlorobenzene
 Concen: 137.76 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	806326		
111	39.2	19.6	58.8	
148	63.7	31.8	95.4	





#89

n-Butylbenzene

Concen: 151.52 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1625036

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.6

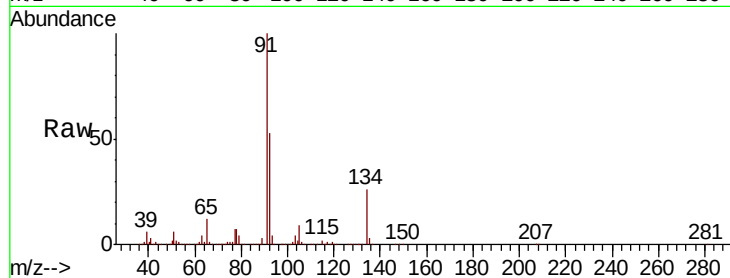
134 25.6 12.7 38.1

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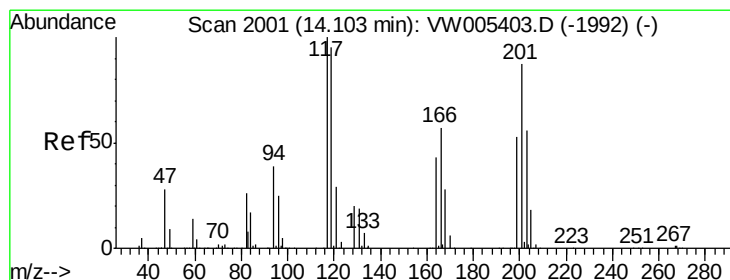
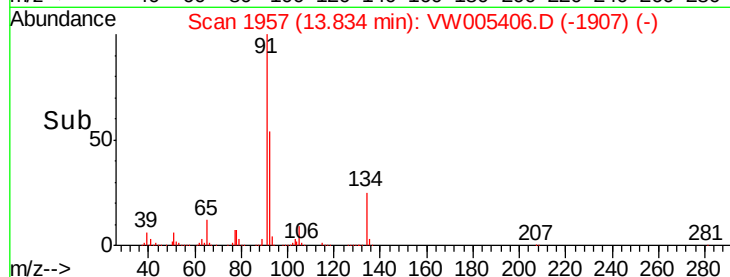
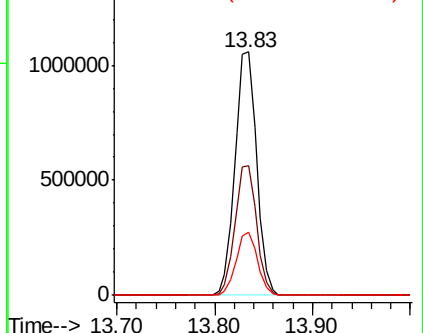
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 159.90 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005406.D

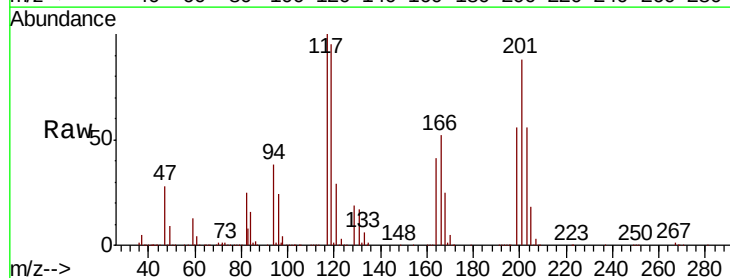
Acq: 15 Sep 2018 01:22

Tgt Ion: 117 Resp: 295518

Ion Ratio Lower Upper

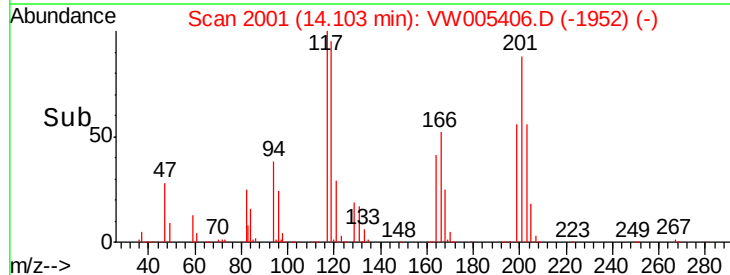
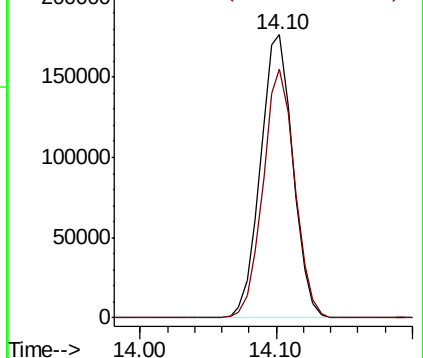
117 100

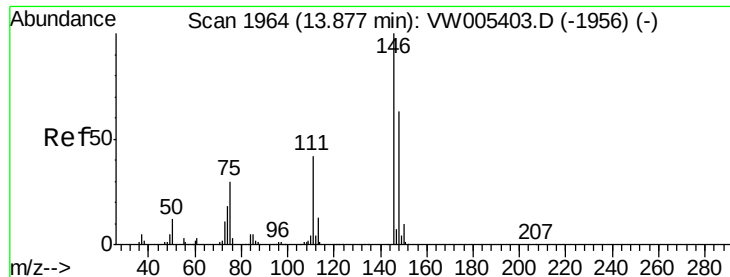
201 85.9 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





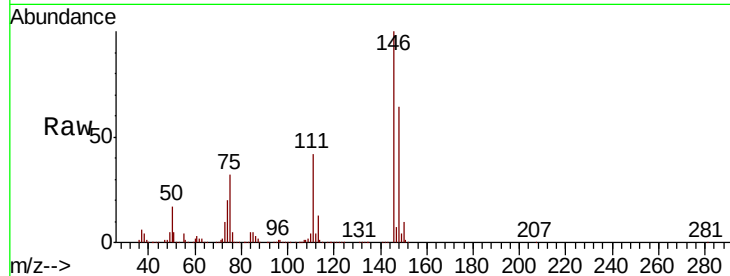
#91
 1,2-Dichlorobenzene
 Concen: 136.10 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	63.7	31.9	95.9

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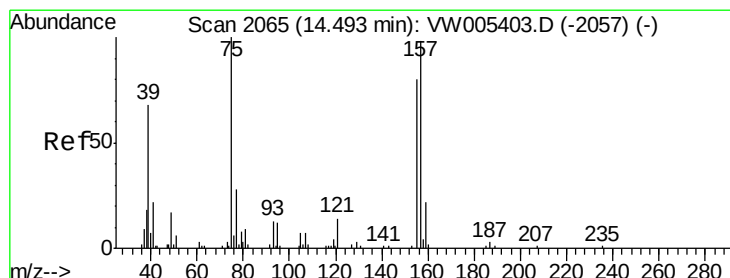
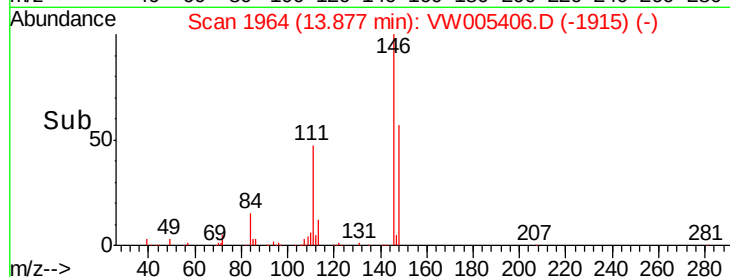
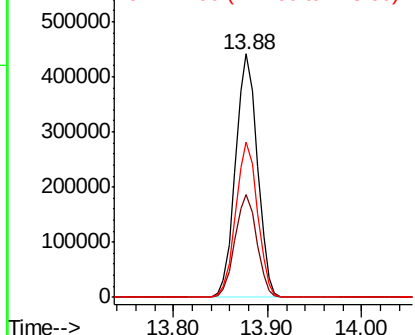


Abundance

Ion 145.90 (145.60 to 146.60): V

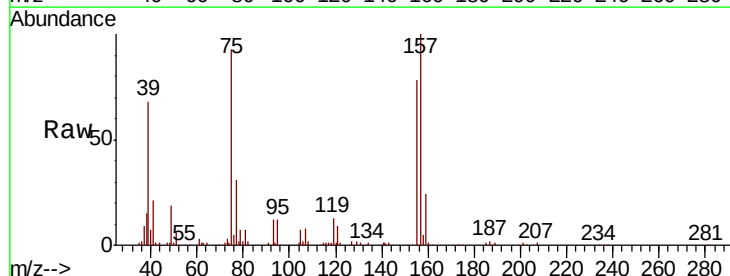
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 154.36 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.0	117.0
157	102.4	49.9	149.6

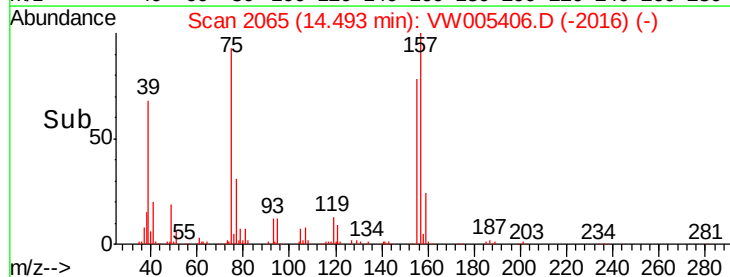
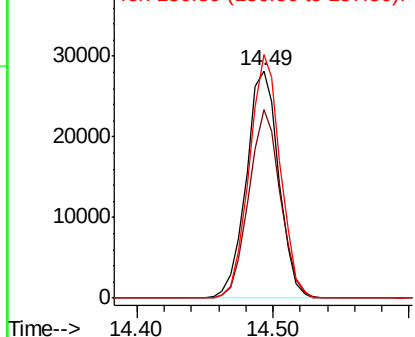


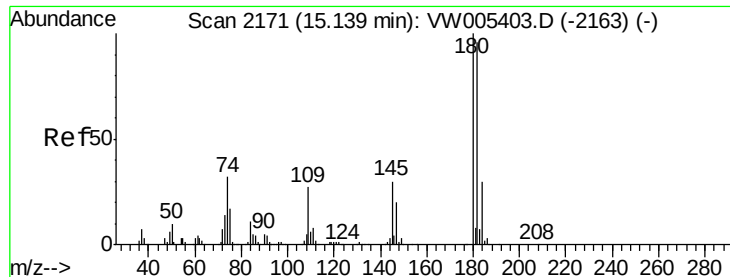
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





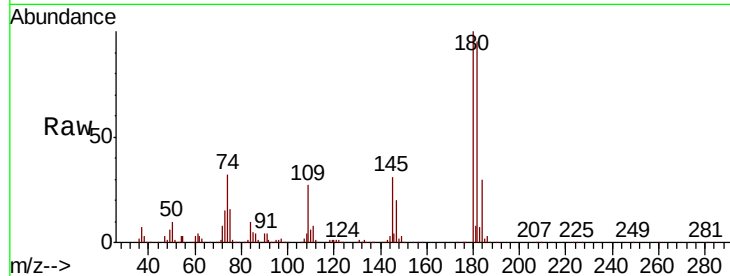
#93
 1,2,4-Trichlorobenzene
 Concen: 137.33 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

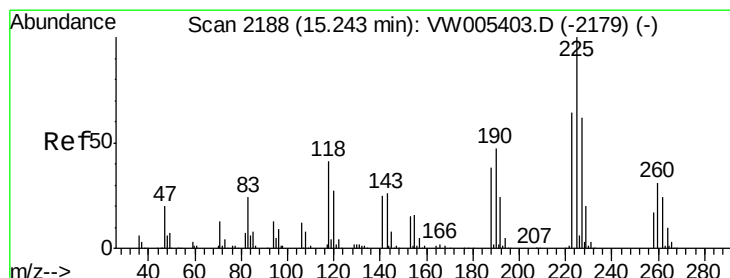
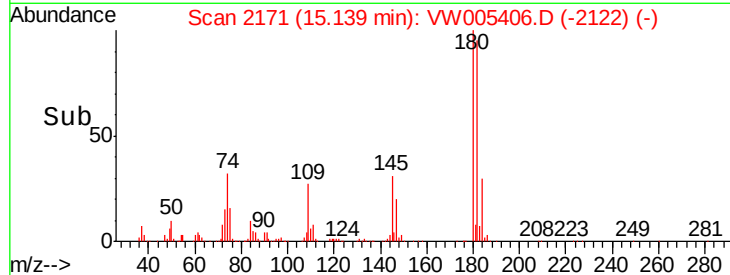
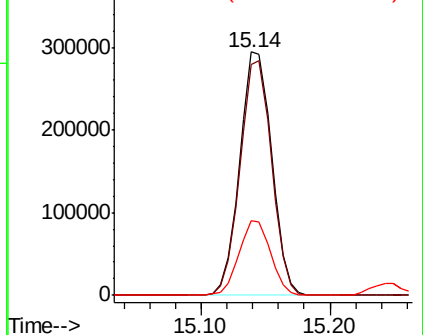
Tot Ion:	180	Resp:	505401
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.9
145	30.5	14.8	44.3

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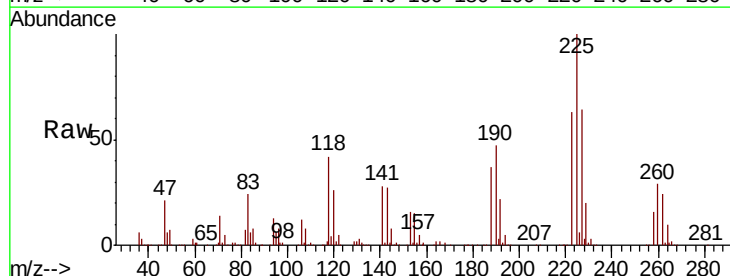


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

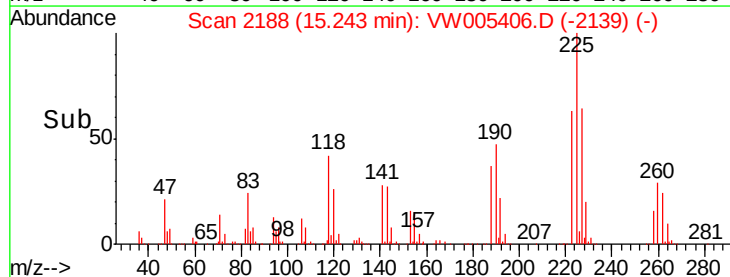
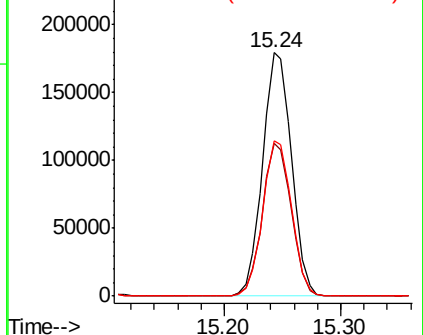


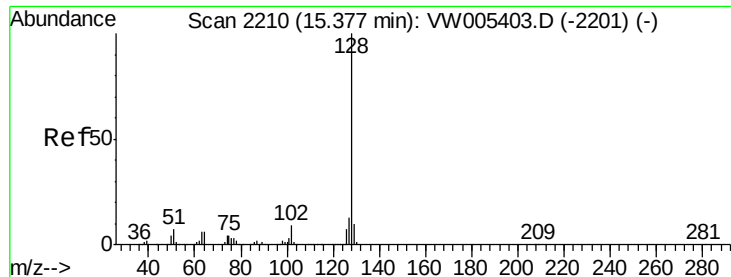
#94
 Hexachlorobutadiene
 Concen: 130.66 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:	225	Resp:	307818
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.2	93.6
227	63.5	31.6	95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 156.23 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

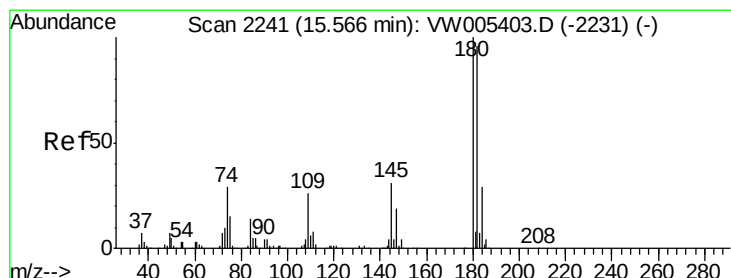
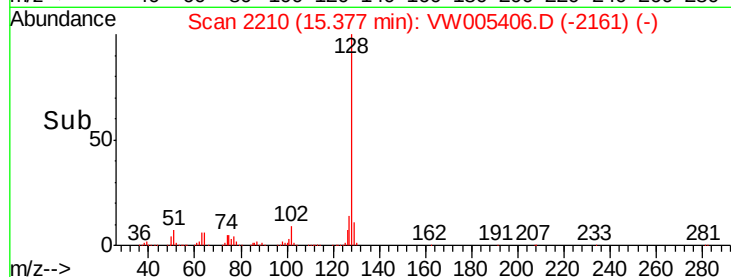
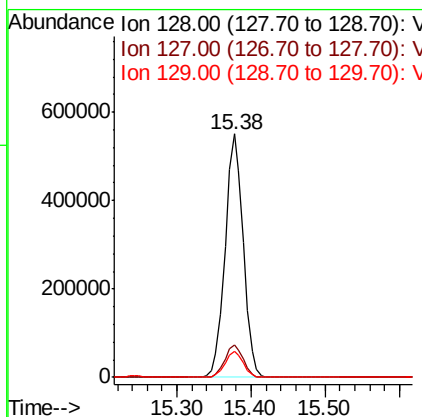
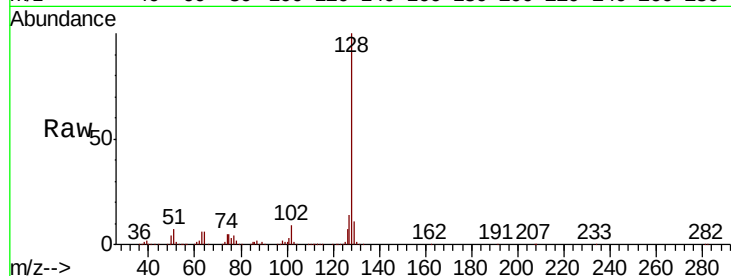
ClientSampled :

VSTDIC150

Tot Ion:	128	Resp:	930813
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.0	16.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
9/17/2018 2:24:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 140.61 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion:	180	Resp:	444442
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.1	144.4
145	32.1	15.9	47.7

