

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005243.D
 Acq On : 10 Sep 2018 15:49
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:30 AM

Quant Time: Sep 11 03:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	495230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	702624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	711862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	252695	68.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.82%	
35) Dibromofluoromethane	7.89	113	263326	71.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.08%	
50) Toluene-d8	10.33	98	1410814	75.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.72%	
62) 4-Bromofluorobenzene	12.63	95	509806	74.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	269934	63.19	ug/l	99
3) Chloromethane	2.22	50	369327	64.66	ug/l	99
4) Vinyl Chloride	2.36	62	343160	65.45	ug/l	98
5) Bromomethane	2.76	94	226795	63.57	ug/l	98
6) Chloroethane	2.92	64	198441	68.71	ug/l	99
7) Trichlorofluoromethane	3.26	101	388282	65.46	ug/l	95
8) Diethyl Ether	3.69	74	144486	68.35	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	276933	65.37	ug/l	99
10) Methyl Iodide	4.28	142	380480	81.56	ug/l	100
11) Tert butyl alcohol	5.17	59	96481	318.51	ug/l	100
12) 1,1-Dichloroethene	4.04	96	264763	67.87	ug/l	99
13) Acrolein	3.90	56	100947	344.99	ug/l	100
14) Allyl chloride	4.68	41	417175	69.60	ug/l	100
15) Acrylonitrile	5.38	53	335254	351.54	ug/l	99
16) Acetone	4.13	43	228874	333.82	ug/l	99
17) Carbon Disulfide	4.38	76	982204	71.73	ug/l	99
18) Methyl Acetate	4.68	43	139863	68.34	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	645776	69.50	ug/l	100
20) Methylene Chloride	4.93	84	357839	61.58	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	311472	68.38	ug/l	91
22) Diisopropyl ether	6.32	45	856106	70.94	ug/l	93
23) Vinyl Acetate	6.27	43	2358155	350.66	ug/l	99
24) 1,1-Dichloroethane	6.23	63	500617	67.39	ug/l	98
25) 2-Butanone	7.18	43	364490	337.04	ug/l	91
26) 2,2-Dichloropropane	7.18	77	420176	65.24	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	331765	68.06	ug/l	99
28) Bromochloromethane	7.52	49	187227	68.32	ug/l #	99
29) Tetrahydrofuran	7.54	42	238252	326.91	ug/l	98
30) Chloroform	7.68	83	496413	66.59	ug/l	100
31) Cyclohexane	7.96	56	539638	68.27	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	452756	67.23	ug/l	99
36) 1,1-Dichloropropene	8.09	75	462270	71.81	ug/l	99
37) Ethyl Acetate	7.26	43	160458	65.53	ug/l	100
38) Carbon Tetrachloride	8.08	117	415357	68.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624618	73.08	ug/l	99
40) Benzene	8.34	78	1368731	72.17	ug/l	99
41) Methacrylonitrile	7.49	41	87816	69.91	ug/l	93
42) 1,2-Dichloroethane	8.41	62	307285	67.73	ug/l	99
43) Isopropyl Acetate	8.43	43	323891	71.23	ug/l	98
44) Trichloroethene	9.10	130	375319	72.14	ug/l	98
45) 1,2-Dichloropropane	9.38	63	332270	72.89	ug/l	94
46) Dibromomethane	9.46	93	151161	67.75	ug/l	99
47) Bromodichloromethane	9.65	83	375366	68.77	ug/l	97
48) Methyl methacrylate	9.44	41	166588	70.56	ug/l	94
49) 1,4-Dioxane	9.45	88	61064	1465.80	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	952265	372.17	ug/l	100
52) Toluene	10.40	92	1014956	73.64	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	446521	75.70	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	524659	74.27	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	250887	70.52	ug/l	99
56) Ethyl methacrylate	10.65	69	347566	77.06	ug/l	98
57) 1,3-Dichloropropane	10.94	76	423615	71.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	765806	390.65	ug/l	98
59) 2-Hexanone	10.98	43	688125	373.04	ug/l	100
60) Dibromochloromethane	11.13	129	294361	74.57	ug/l	99
61) 1,2-Dibromoethane	11.24	107	238014	72.95	ug/l	98
64) Tetrachloroethene	10.87	164	373179	70.66	ug/l	98
65) Chlorobenzene	11.66	112	1118880	71.75	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	334339	71.81	ug/l	99
67) Ethyl Benzene	11.74	91	1985159	73.10	ug/l	100
68) m/p-Xylenes	11.85	106	1586369	144.96	ug/l	98
69) o-Xylene	12.17	106	747722	73.44	ug/l	99
70) Styrene	12.19	104	1231867	74.15	ug/l	99
71) Bromoform	12.35	173	182399	72.25	ug/l #	99
73) Isopropylbenzene	12.47	105	2029357	75.63	ug/l	100
74) N-amyl acetate	12.28	43	390531	76.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	284936	70.66	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	202283m	41.01	ug/l	
77) Bromobenzene	12.76	156	464756	73.52	ug/l	99
78) n-propylbenzene	12.81	91	2357320	73.15	ug/l	99
79) 2-Chlorotoluene	12.90	91	1369169	74.09	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1715746	75.09	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	93716	75.24	ug/l	99
82) 4-Chlorotoluene	12.99	91	1420126	73.11	ug/l	100
83) tert-Butylbenzene	13.21	119	1521899	76.16	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1704945	74.26	ug/l	98
85) sec-Butylbenzene	13.40	105	2154465	75.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	1899977	74.73	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	956978	72.10	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	923344	70.82	ug/l	99
89) n-Butylbenzene	13.83	91	1797452	75.21	ug/l	98
90) Hexachloroethane	14.10	117	305088	74.90	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	855856	73.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48472	72.28	ug/l	98

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VSTDICC075

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	615330	74.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	386378	73.11	ug/l	99
95) Naphthalene	15.38	128	1034725	77.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	521462	73.43	ug/l	99

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

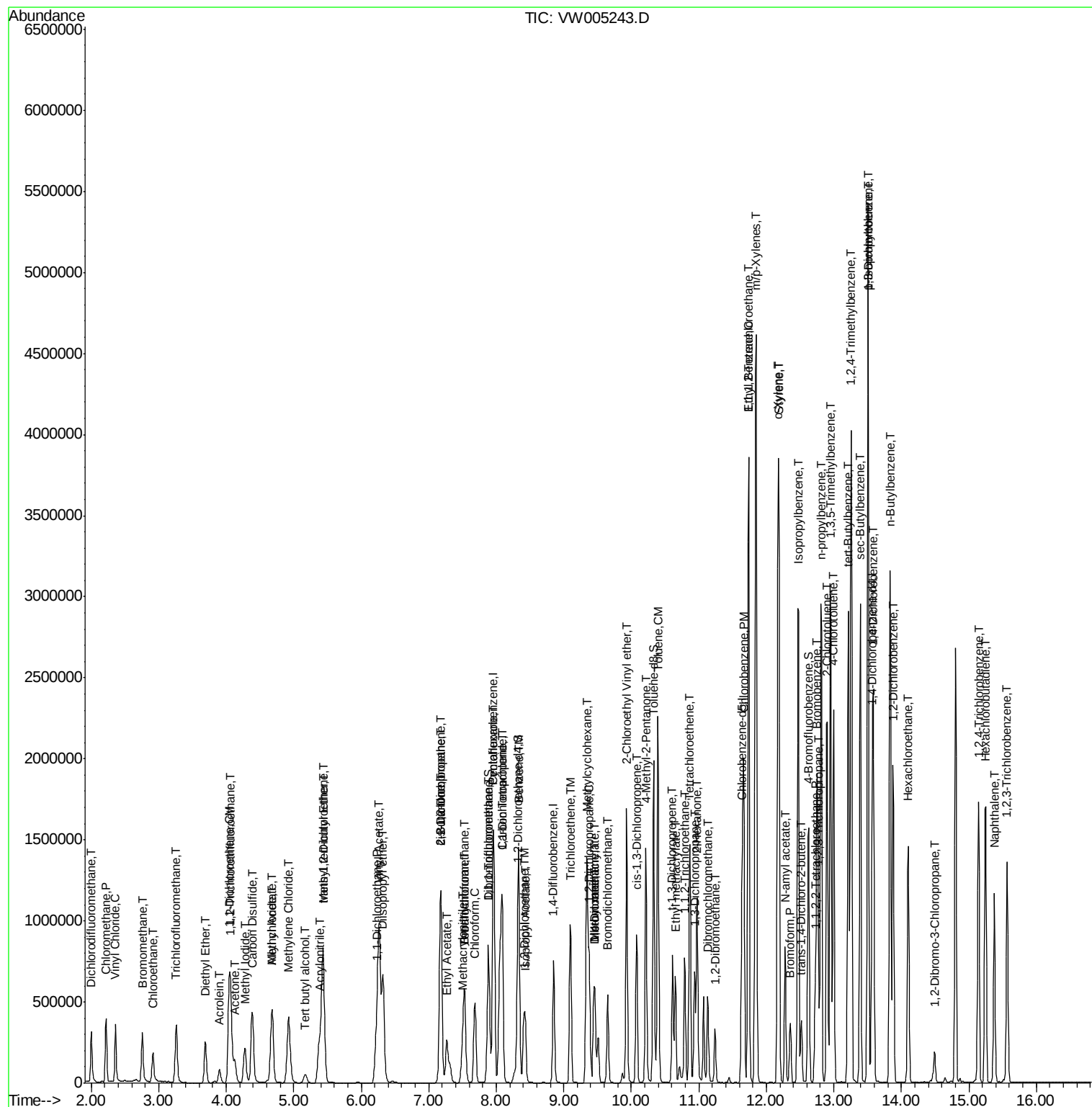
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
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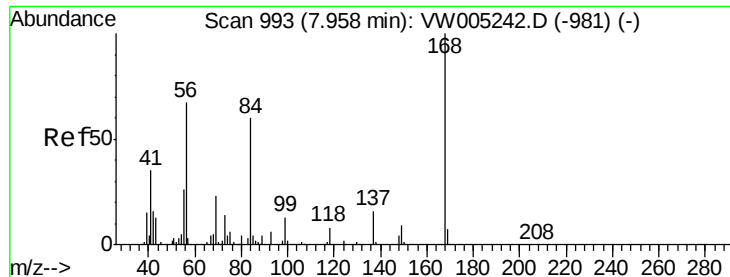
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 495230

Ion Ratio Lower Upper

168 100

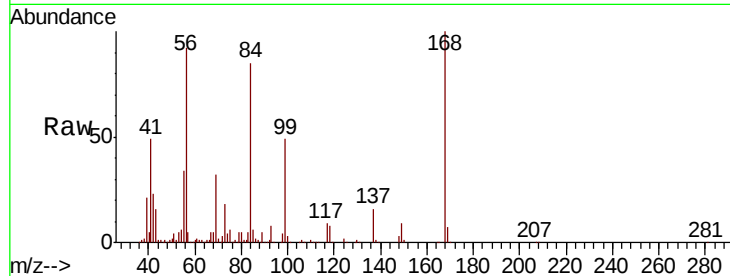
99 49.2 39.1 58.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

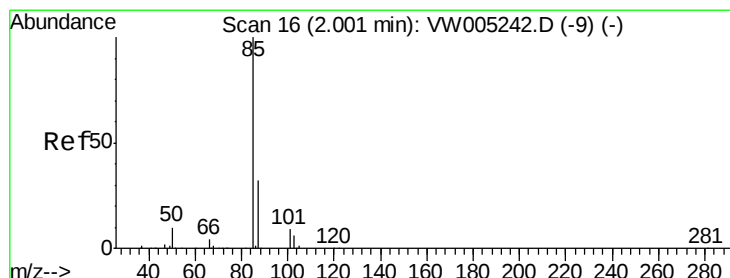
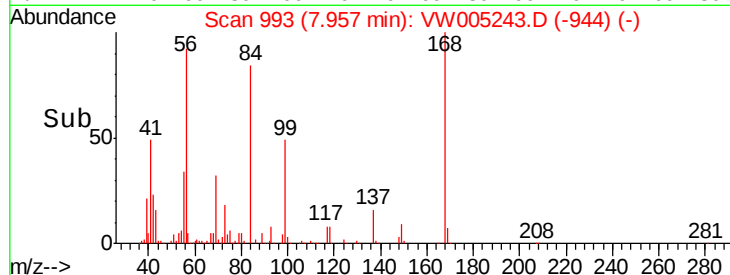
100000

50000

0

7.80 8.00 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 63.19 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005243.D

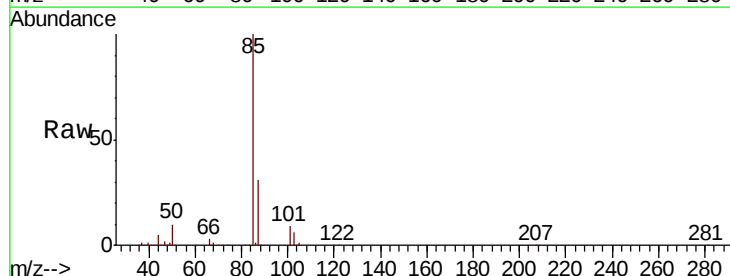
Acq: 10 Sep 2018 15:49

Tgt Ion: 85 Resp: 269934

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

150000

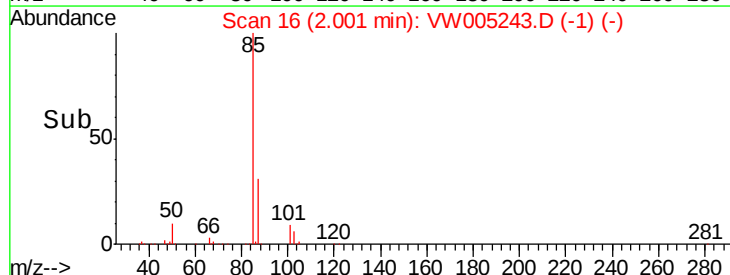
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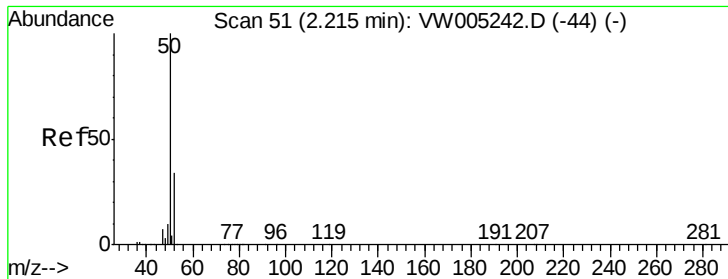
50000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 64.66 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampled :

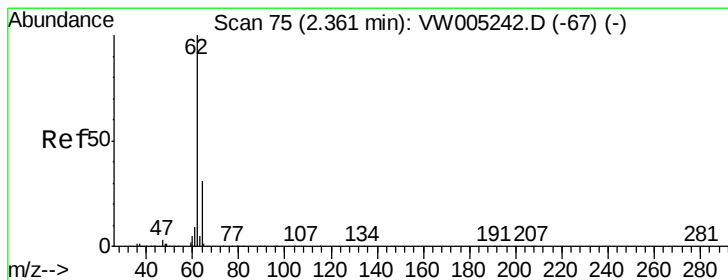
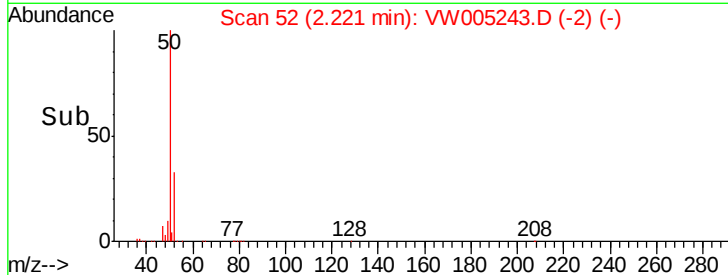
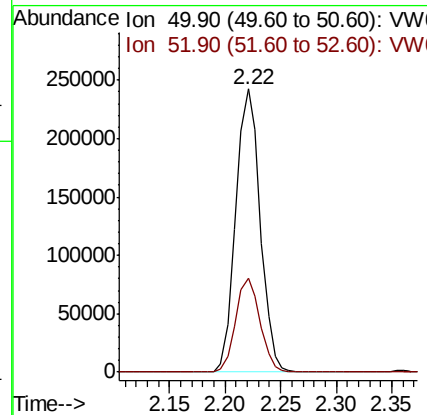
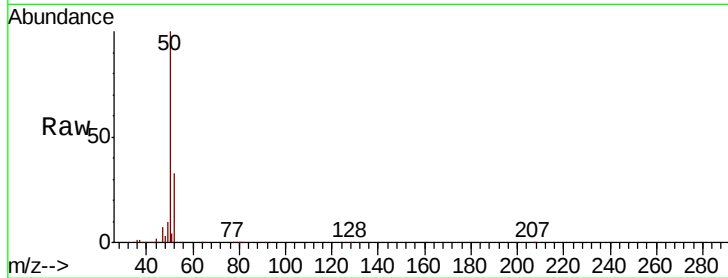
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
50	100			
52	33.4	27.0	40.4	

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#4

Vinyl Chloride

Concen: 65.45 ug/l

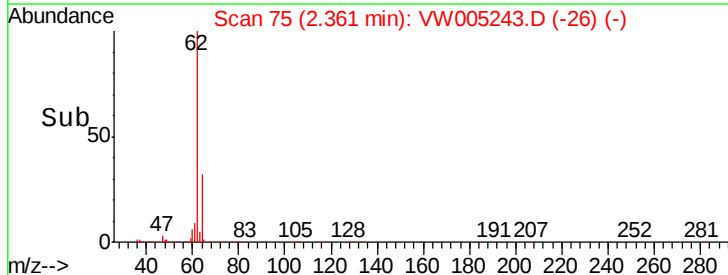
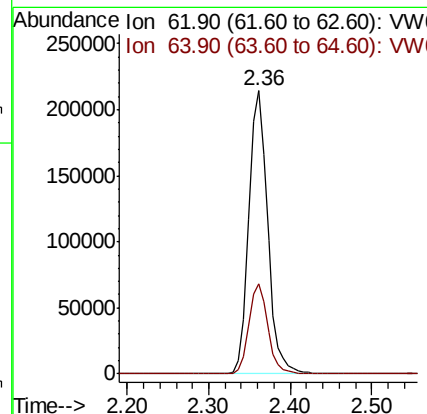
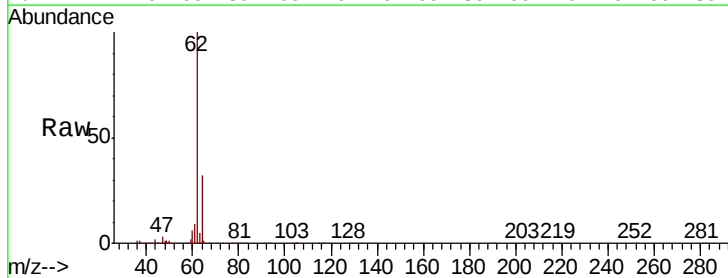
RT: 2.36 min Scan# 75

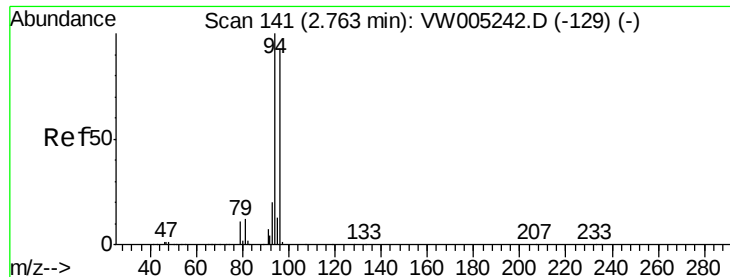
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
64	32.0	24.6	37.0	





#5

Bromomethane

Concen: 63.57 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 226795

Ion Ratio Lower Upper

94 100

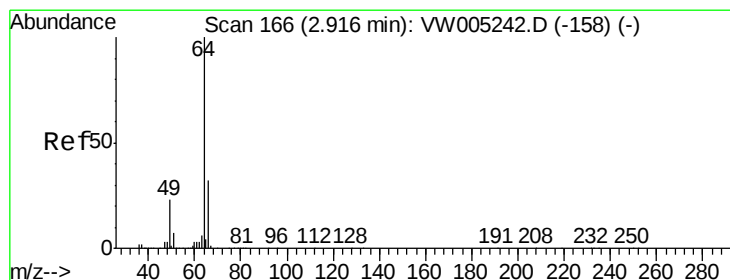
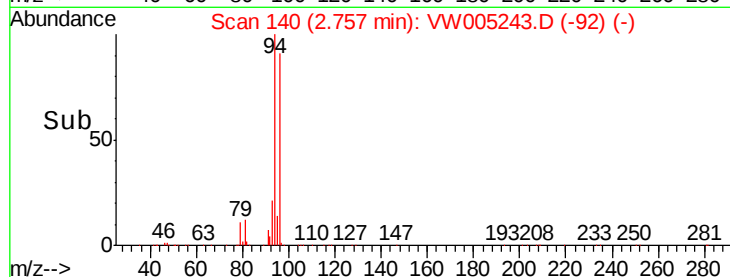
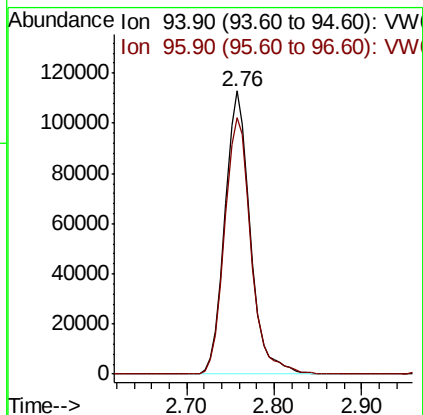
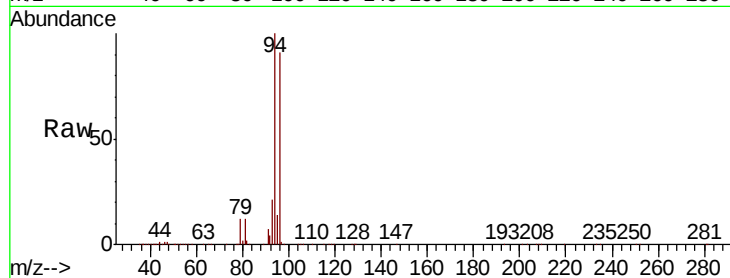
96 90.7 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 68.71 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005243.D

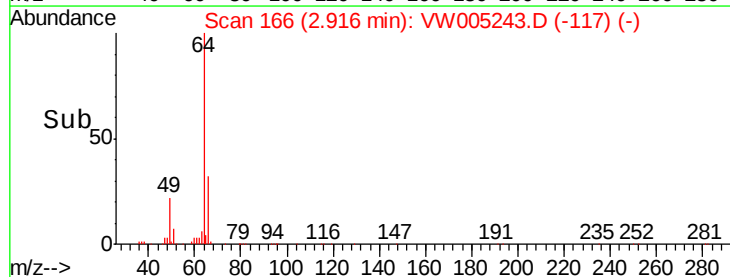
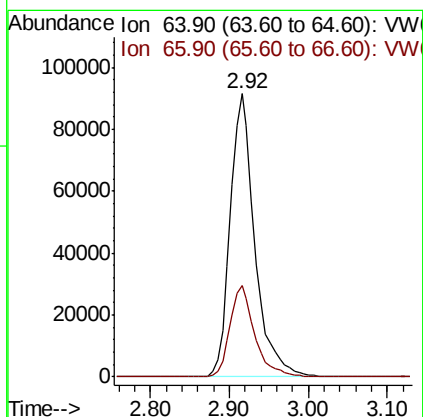
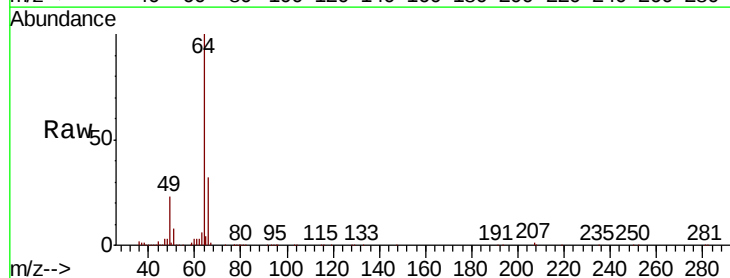
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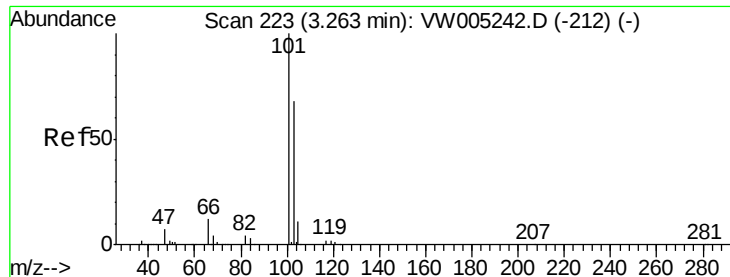
Tgt Ion: 64 Resp: 198441

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

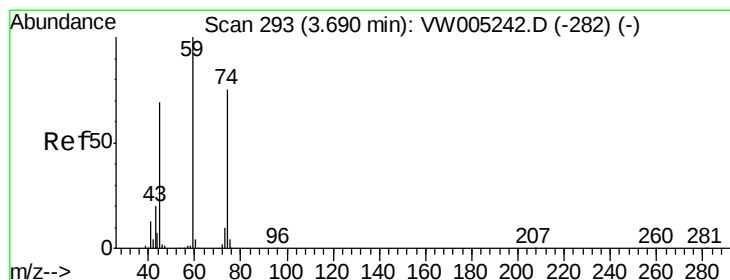
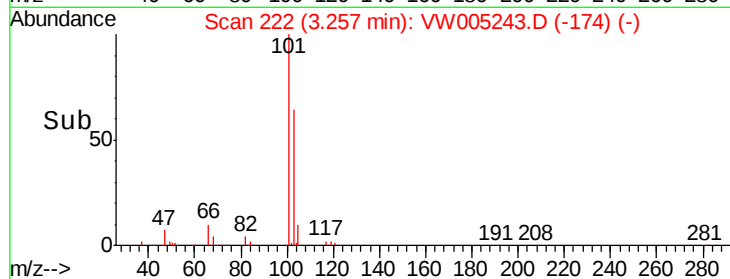
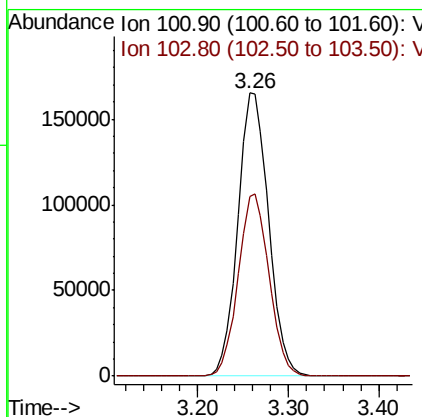
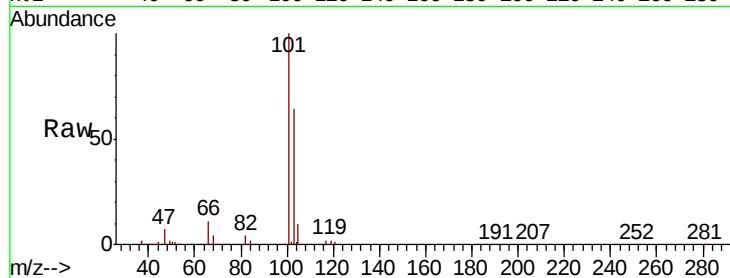
Trichlorofluoromethane
Concen: 65.46 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

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ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
101	100	388282		
103	63.7	54.1	81.1	

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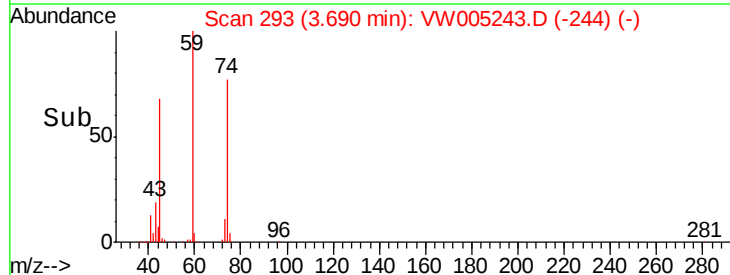
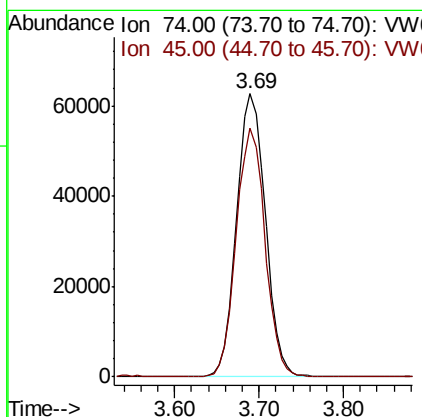
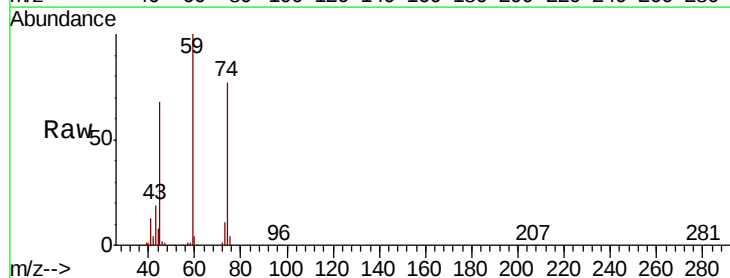
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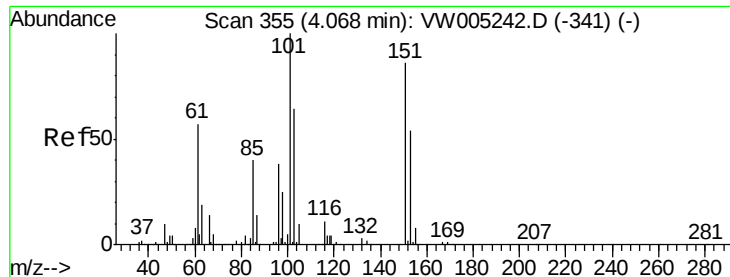


#8

Diethyl Ether
Concen: 68.35 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	144486		
45	87.5	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.37 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005243.D

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Instrument :

MSVOA_W

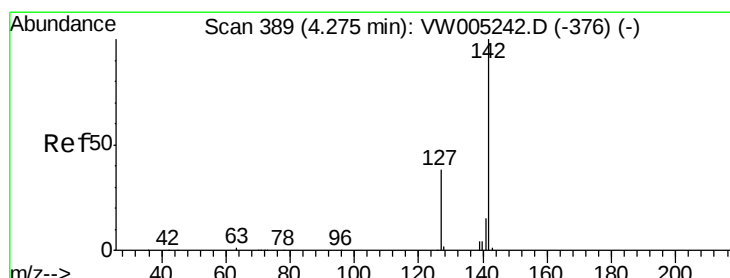
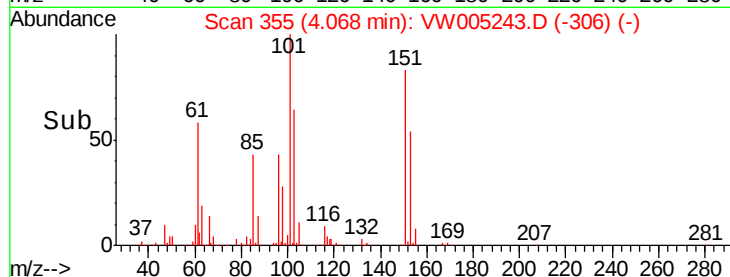
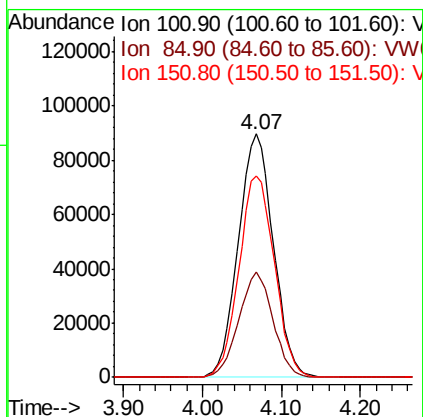
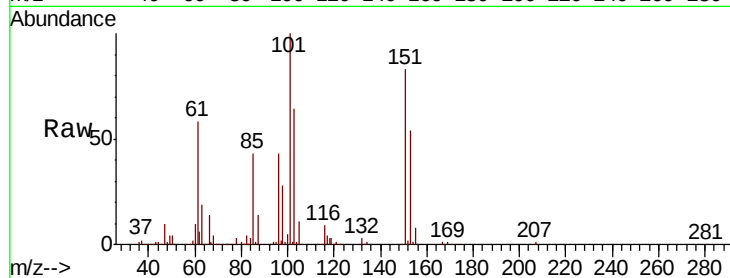
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	276933
Ion Ratio	Lower	Upper	
101	100		
85	42.0	32.7	49.1
151	83.9	67.6	101.4

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#10

Methyl Iodide

Concen: 81.56 ug/l

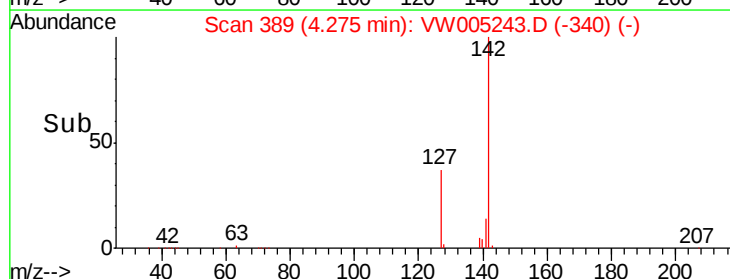
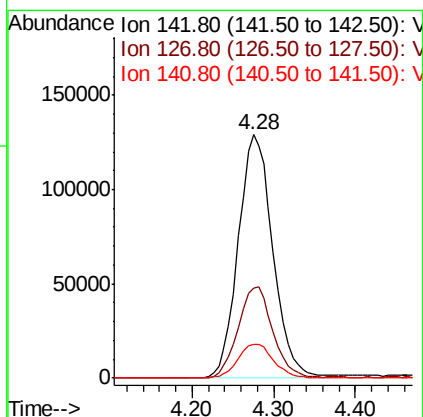
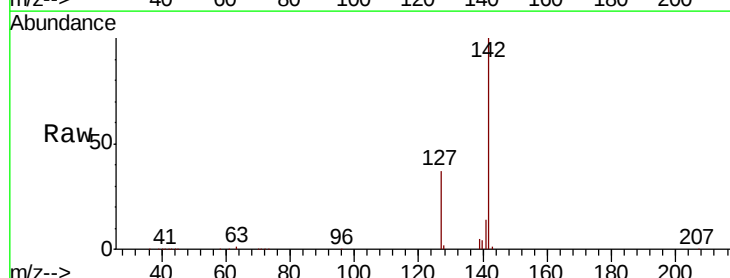
RT: 4.28 min Scan# 389

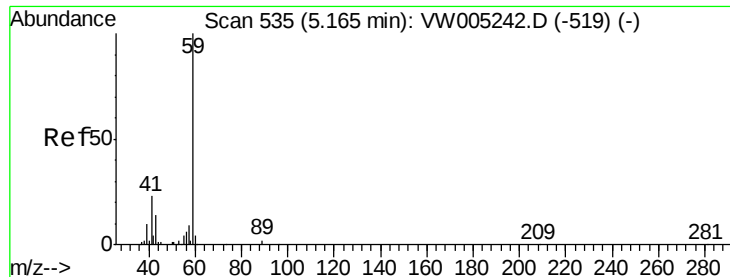
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	142	Resp:	380480
Ion Ratio	Lower	Upper	
142	100		
127	37.6	30.3	45.5
141	14.3	11.4	17.0





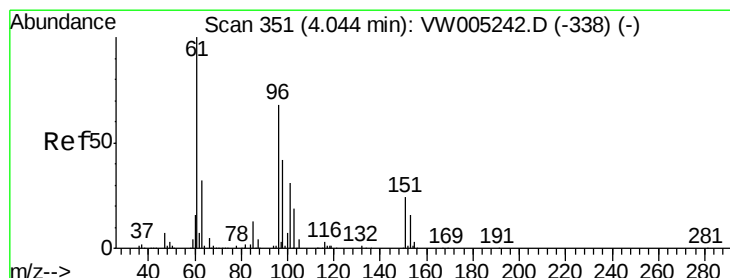
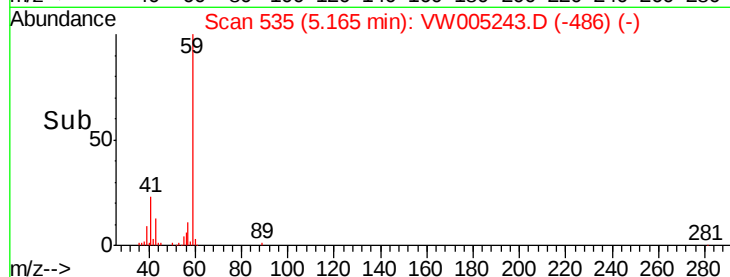
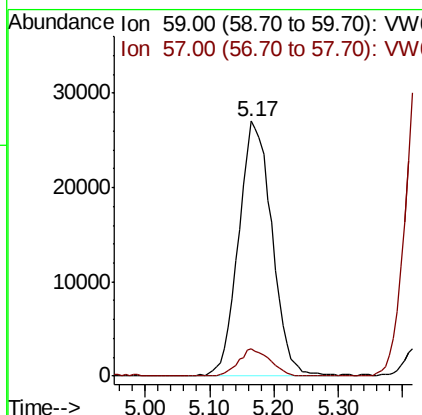
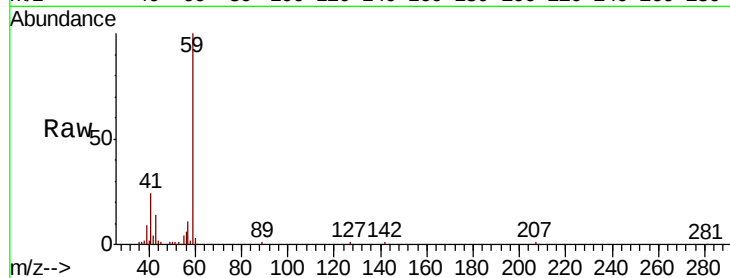
#11
Tert butyl alcohol
Concen: 318.51 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

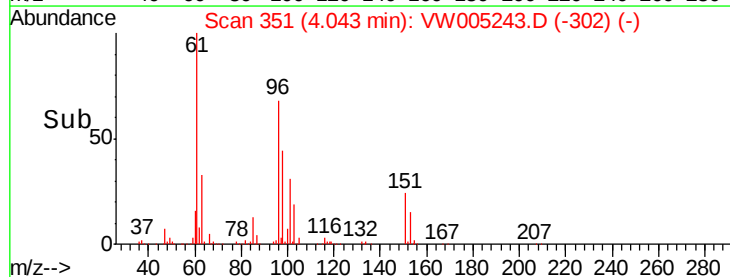
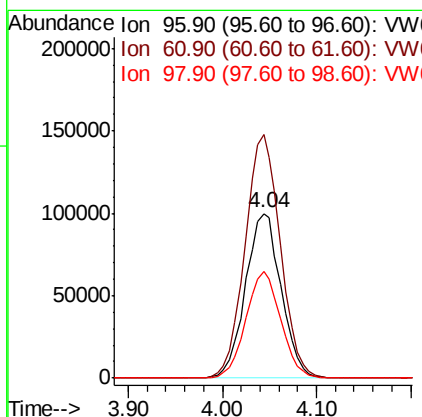
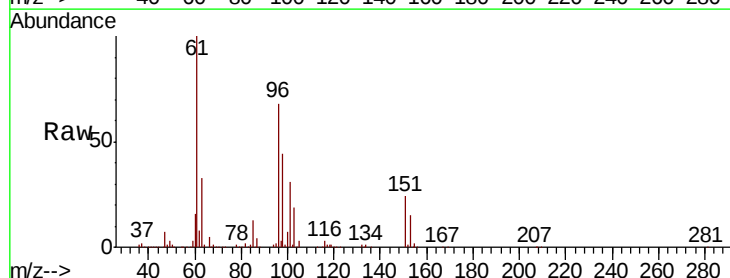
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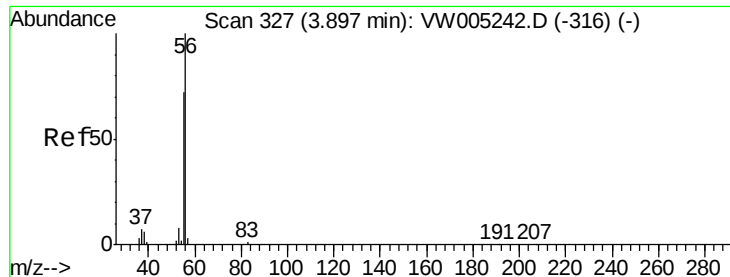
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#12
1,1-Dichloroethene
Concen: 67.87 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	118.2	177.2
98	64.4	49.9	74.9





#13

Acrolein

Concen: 344.99 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tot Ion: 56 Resp: 100947

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2

Instrument :

MSVOA_W

ClientSampled :

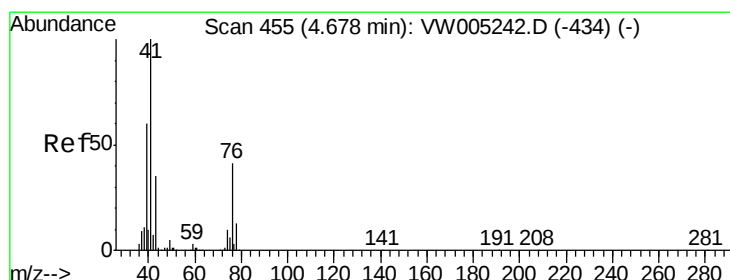
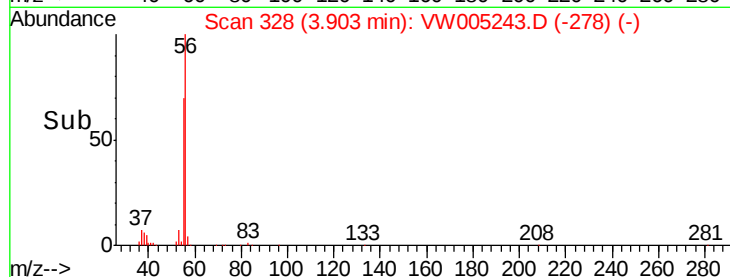
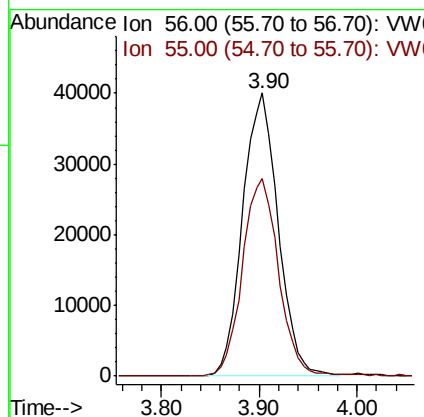
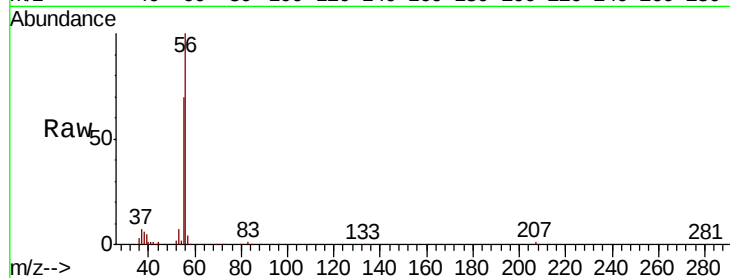
VSTDIC075

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#14

Allyl chloride

Concen: 69.60 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

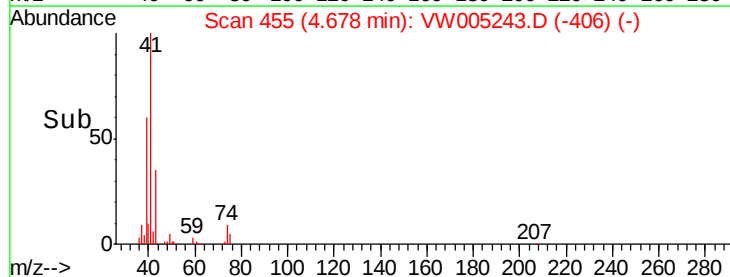
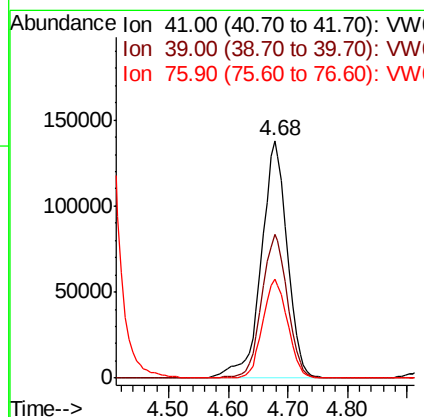
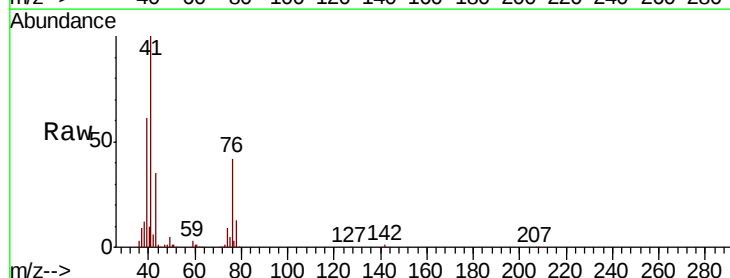
Tgt Ion: 41 Resp: 417175

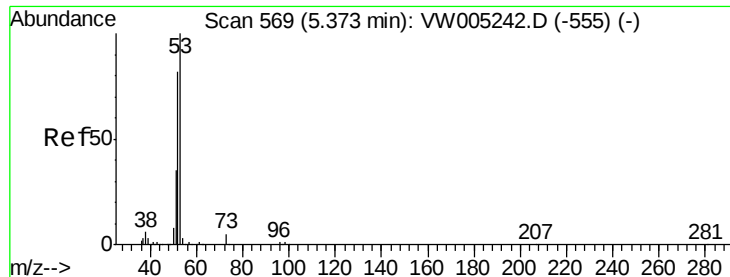
Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 39.8 31.7 47.5





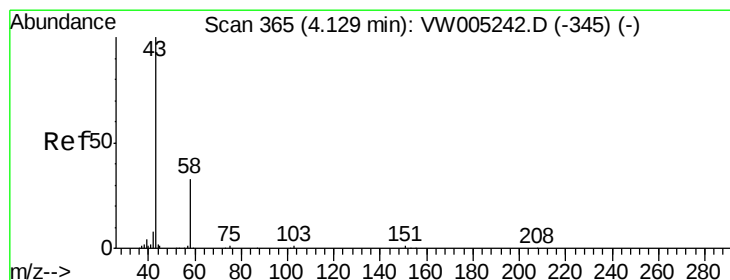
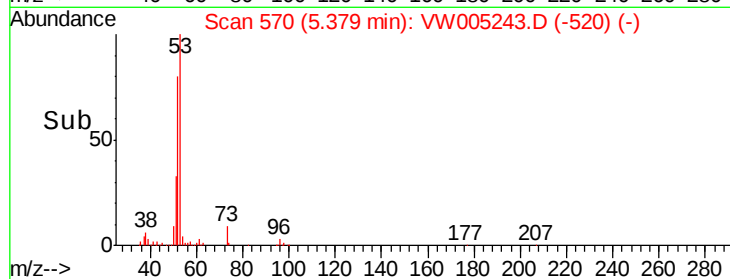
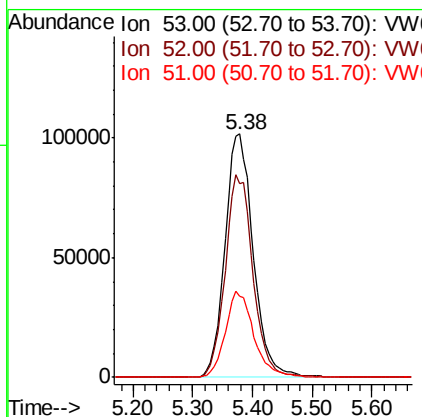
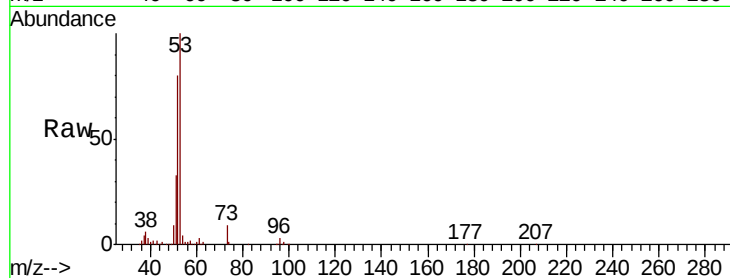
#15
 Acrylonitrile
 Concen: 351.54 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC075

Tot Ion:	53	Resp:	335254
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.0	99.0
51	35.7	28.6	43.0

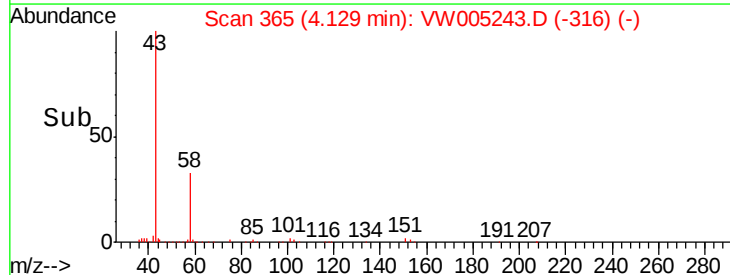
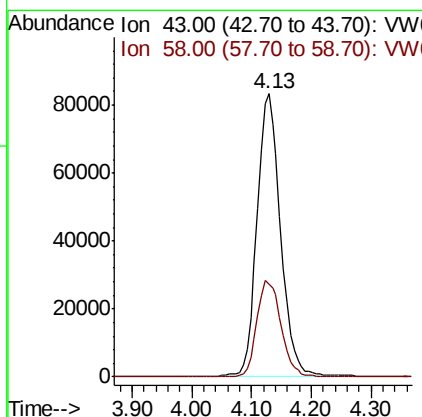
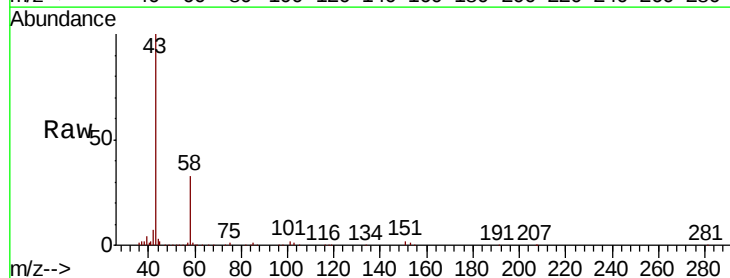
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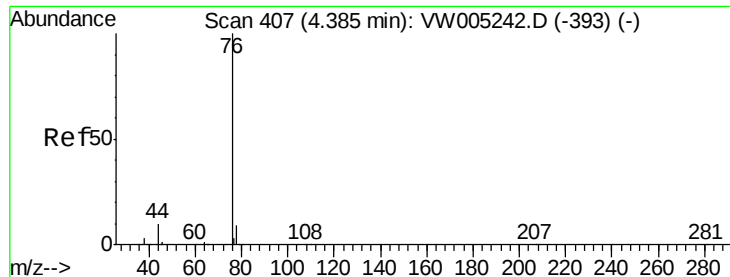
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#16
 Acetone
 Concen: 333.82 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion:	43	Resp:	228874
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.7	40.1





#17

Carbon Disulfide

Concen: 71.73 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 982204

Ion Ratio Lower Upper

76 100

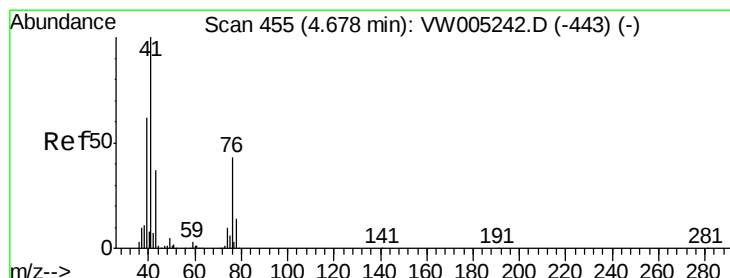
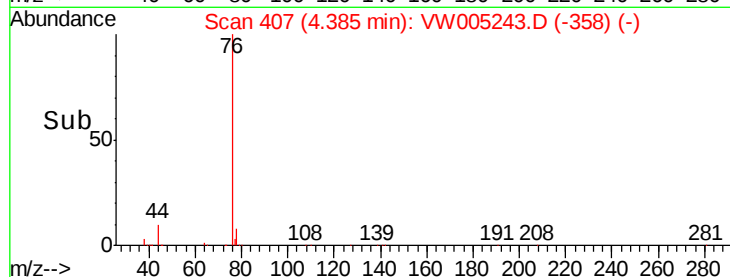
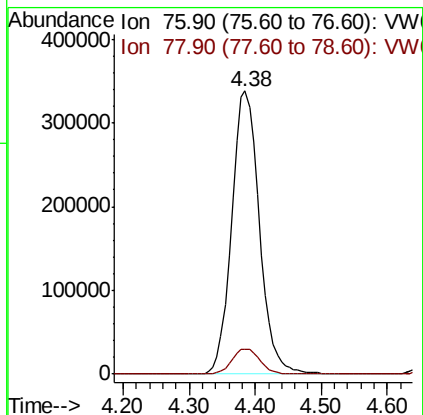
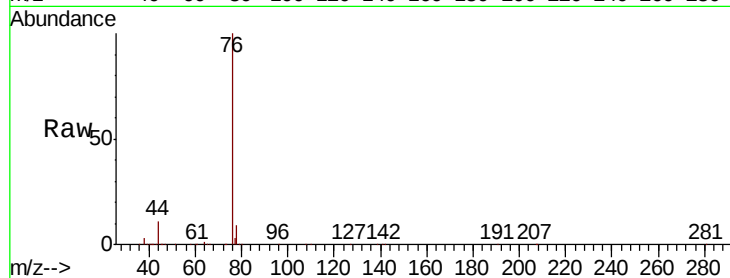
78 8.9 7.5 11.3

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#18

Methyl Acetate

Concen: 68.34 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005243.D

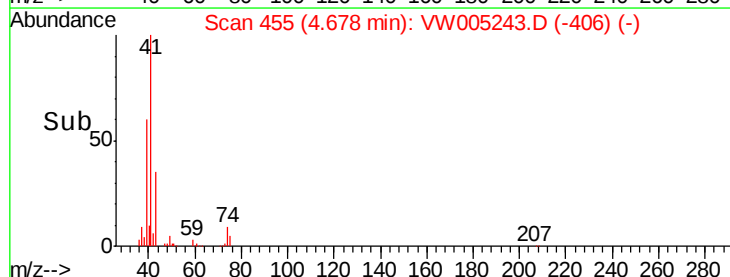
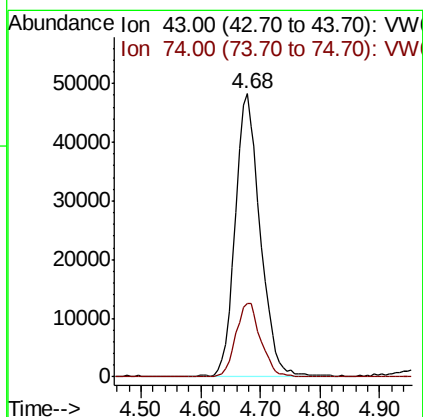
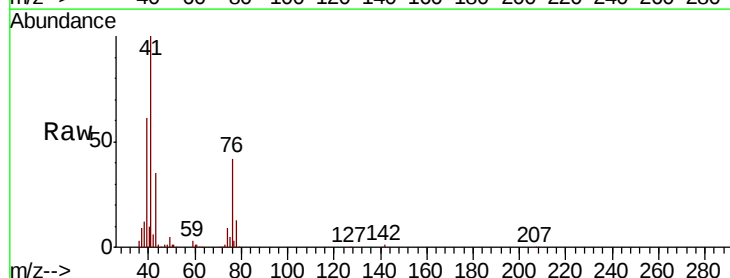
Acq: 10 Sep 2018 15:49

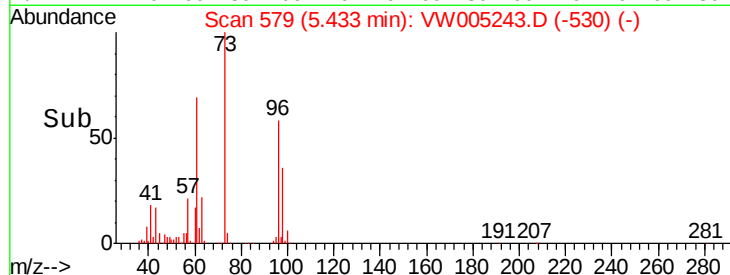
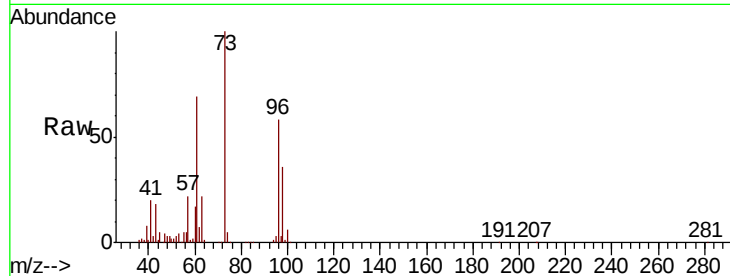
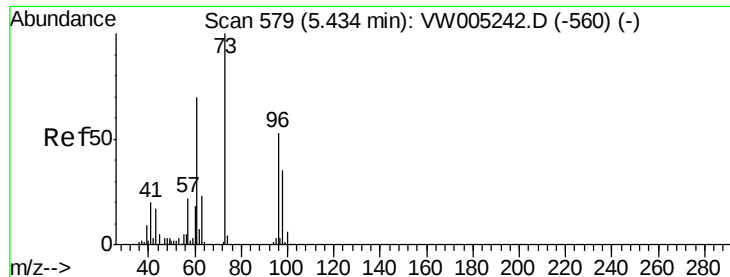
Tgt Ion: 43 Resp: 139863

Ion Ratio Lower Upper

43 100

74 26.3 21.4 32.2





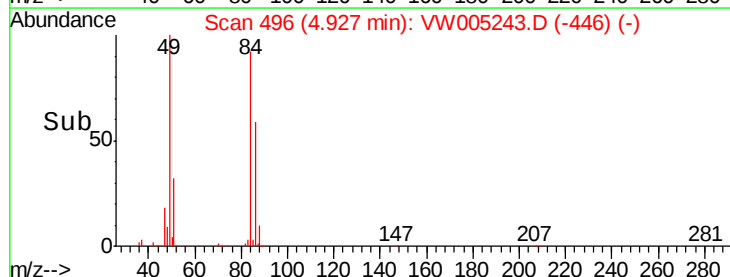
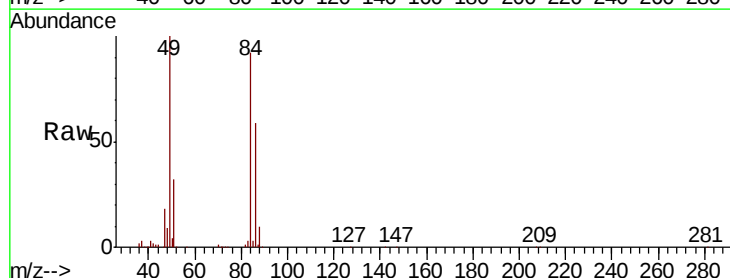
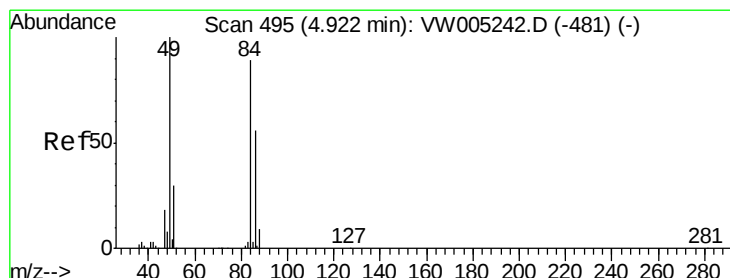
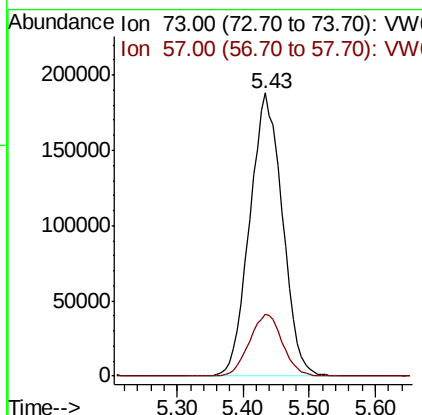
#19
Methvl tert-butvl Ether
Concen: 69.50 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tot Ion: 73 Resp: 645776
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

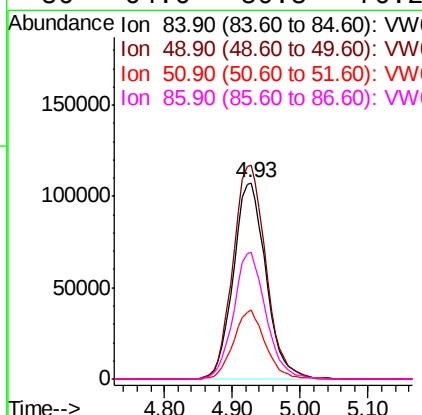
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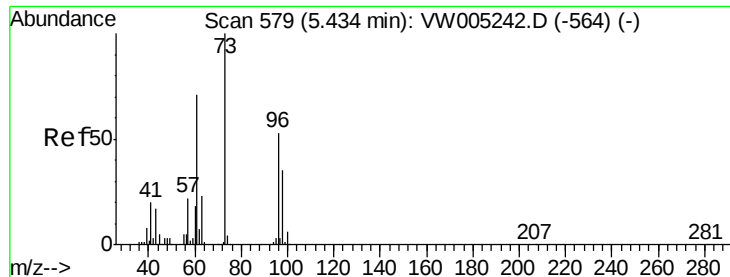
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#20
Methylene Chloride
Concen: 61.58 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 84 Resp: 357839
Ion Ratio Lower Upper
84 100
49 108.8 90.3 135.5
51 34.9 26.9 40.3
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 68.38 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 96 Resp: 311472

Ion Ratio Lower Upper

96 100

61 119.6 105.7 158.5

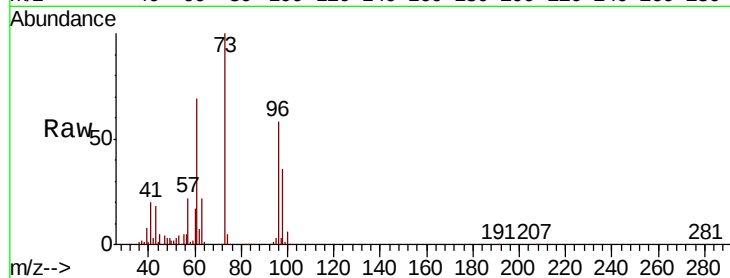
98 62.2 52.8 79.2

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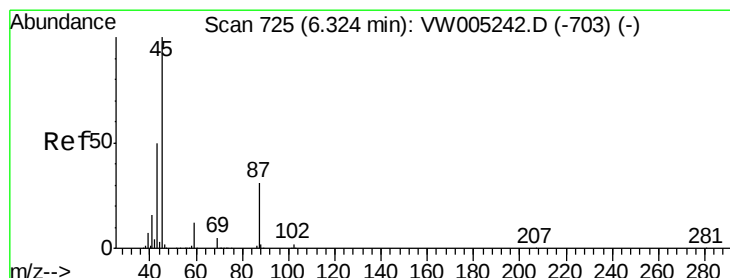
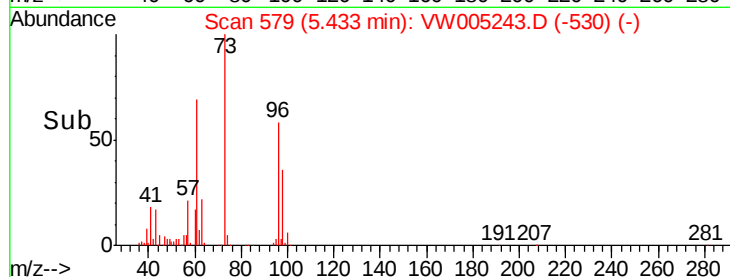
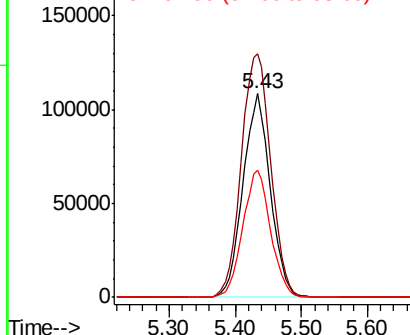


Abundance

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: 70.94 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion: 45 Resp: 856106

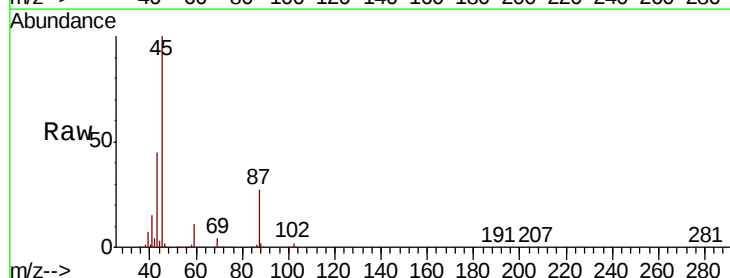
Ion Ratio Lower Upper

45 100

43 44.4 39.6 59.4

87 26.6 24.7 37.1

59 10.9 9.7 14.5



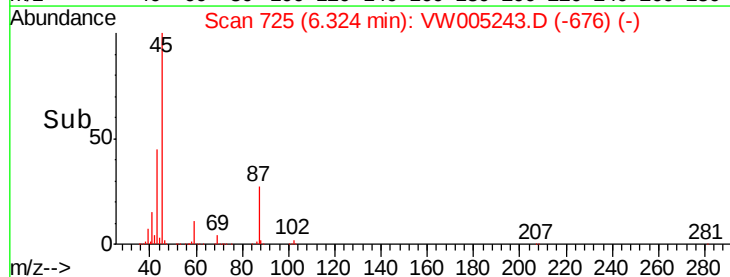
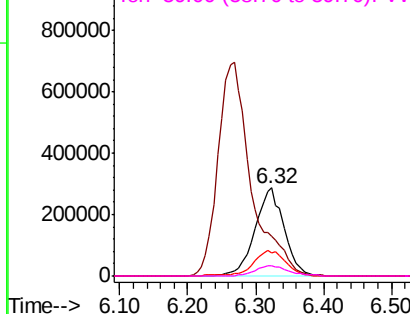
Abundance

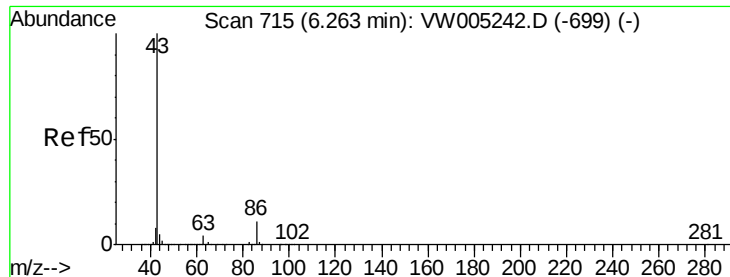
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 350.66 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 2358155

Ion Ratio Lower Upper

43 100

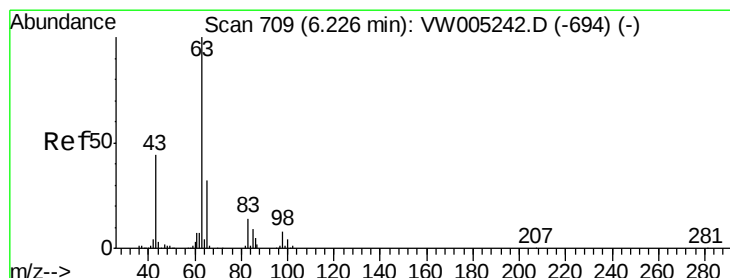
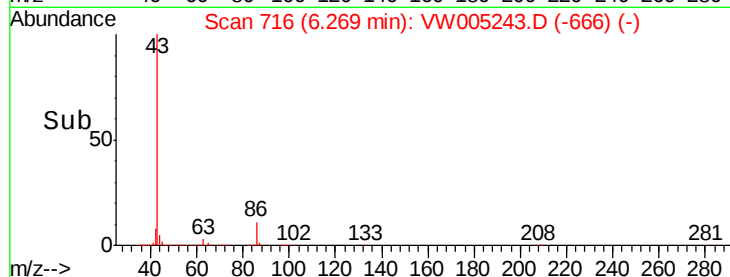
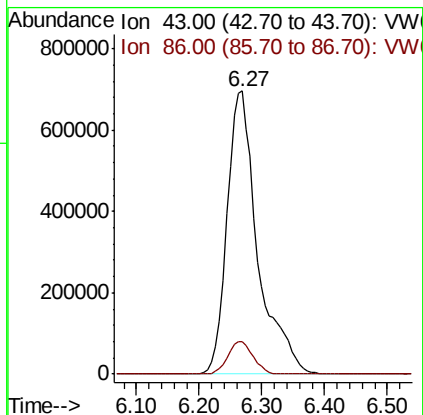
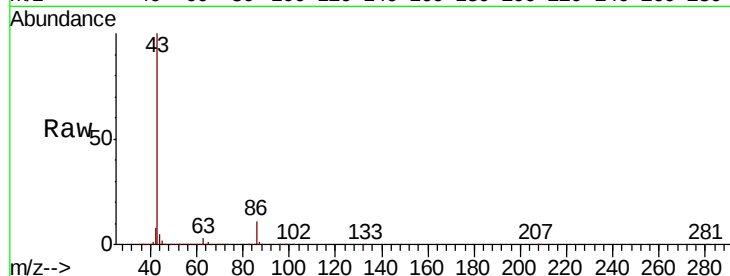
86 11.5 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 67.39 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

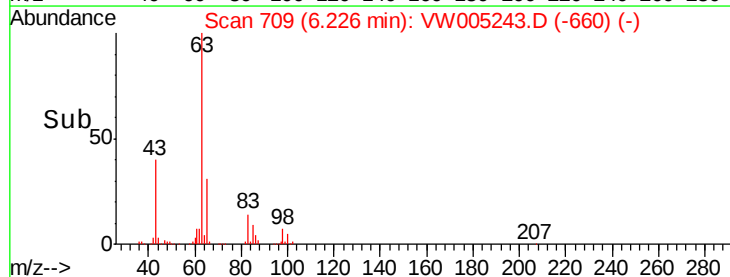
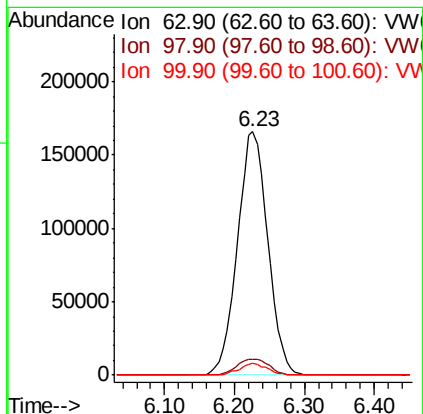
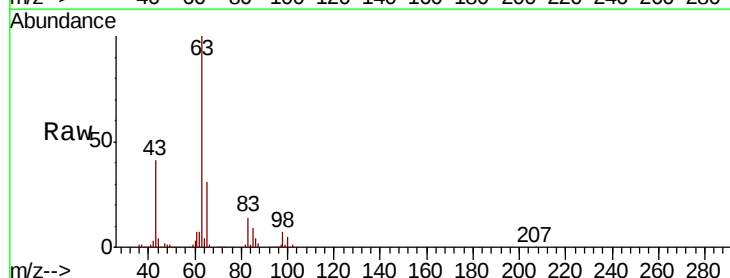
Tgt Ion: 63 Resp: 500617

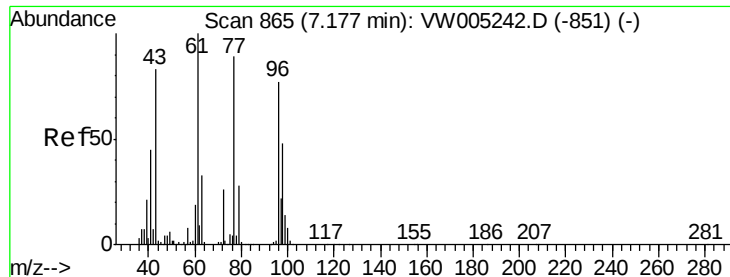
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 337.04 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 364490

Ion Ratio Lower Upper

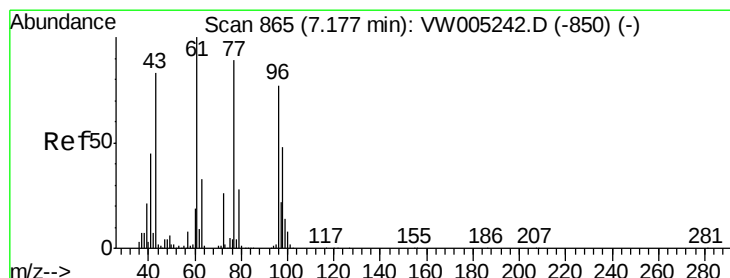
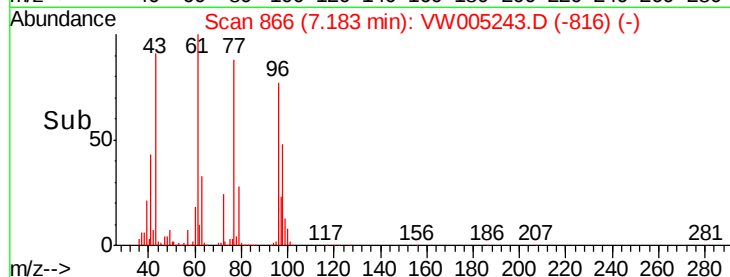
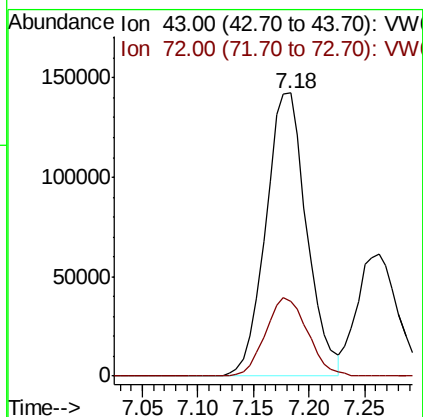
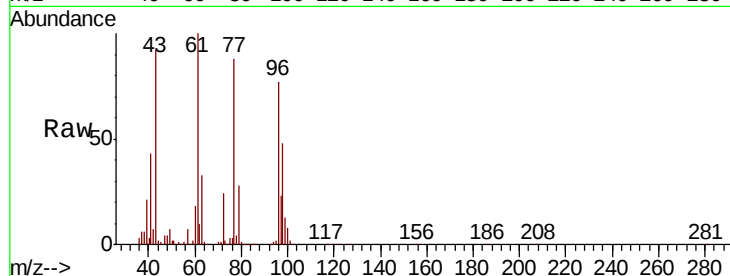
43 100

72 26.4 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 65.24 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005243.D

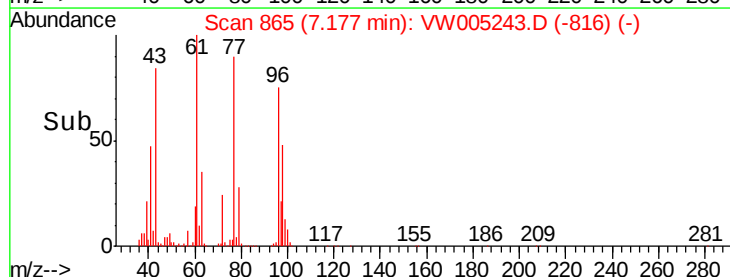
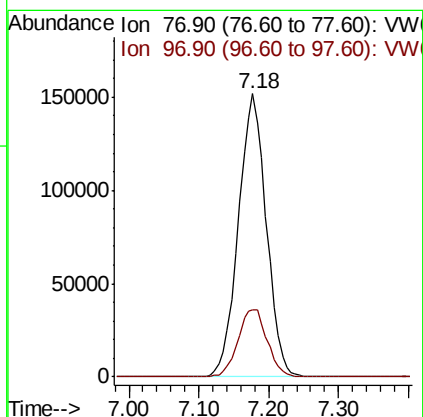
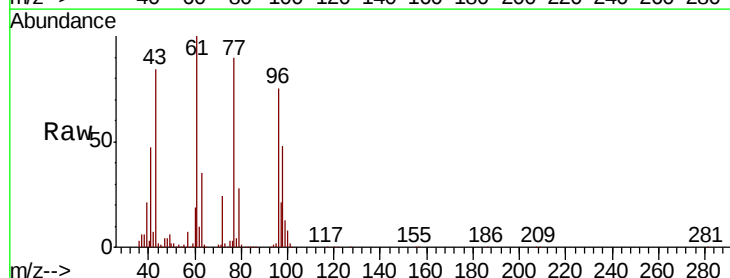
Acq: 10 Sep 2018 15:49

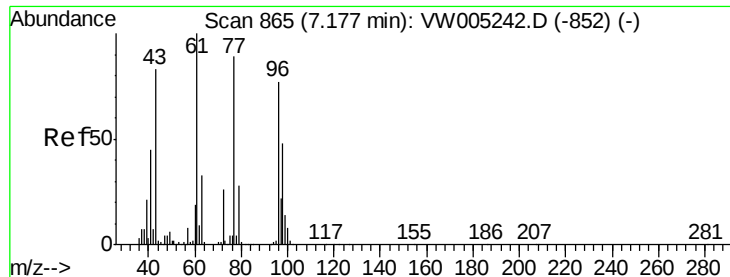
Tgt Ion: 77 Resp: 420176

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 68.06 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

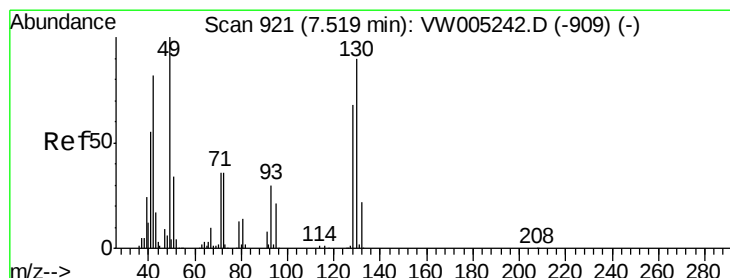
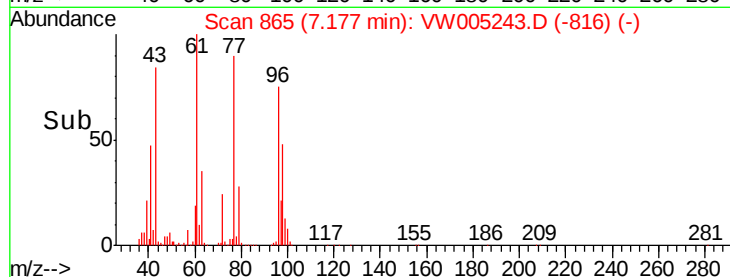
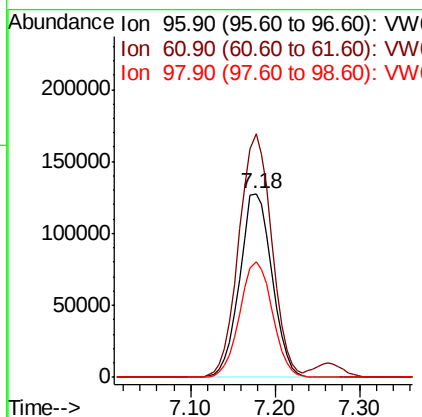
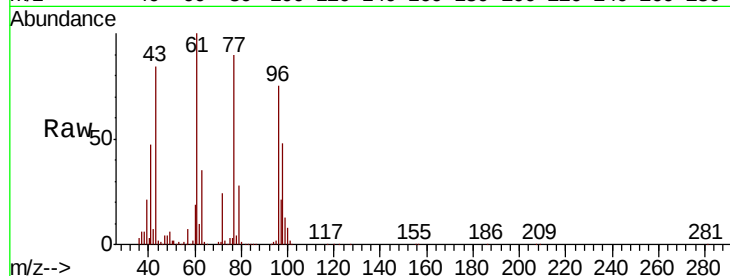
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	331765
Ion Ratio	Lower	Upper	
96	100		
61	134.5	0.0	273.4
98	63.6	0.0	127.8

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#28

Bromochloromethane

Concen: 68.32 ug/l

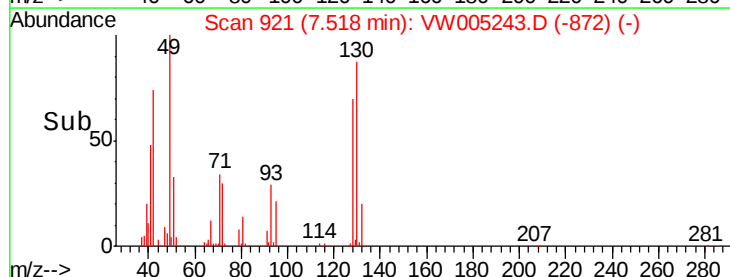
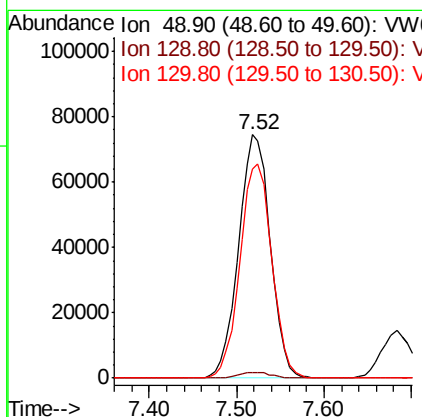
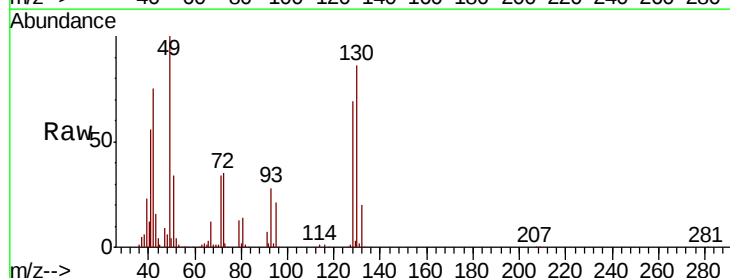
RT: 7.52 min Scan# 921

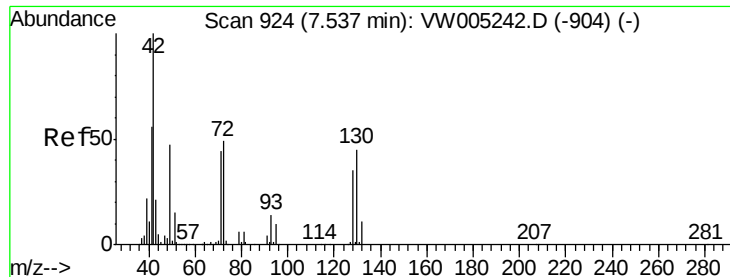
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	49	Resp:	187227
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	2.0#
130	88.5	71.2	106.8





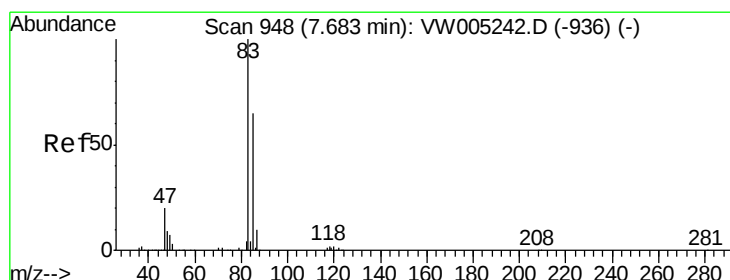
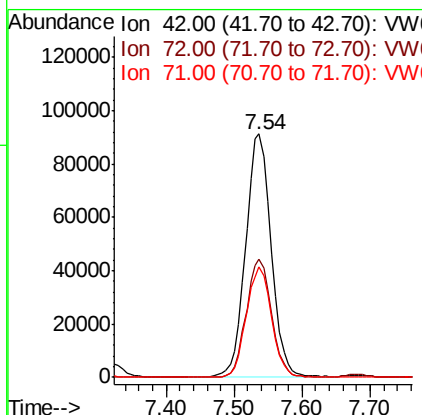
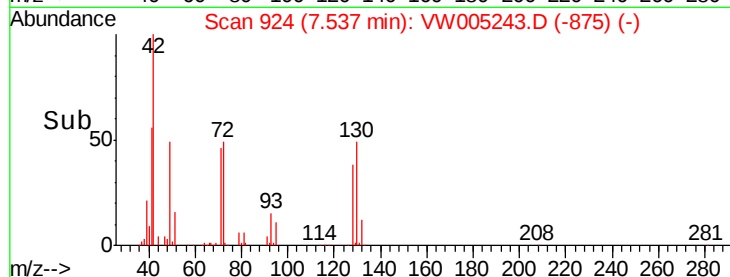
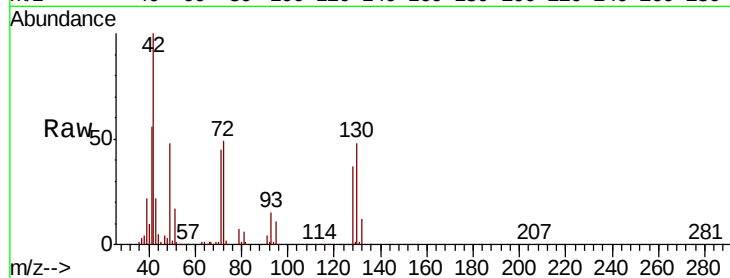
#29
Tetrahydrofuran
Concen: 326.91 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.5	56.3
71	44.9	34.8	52.2

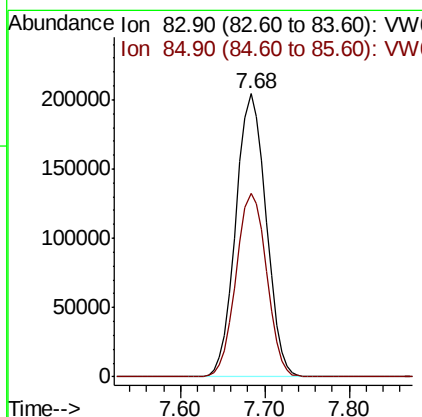
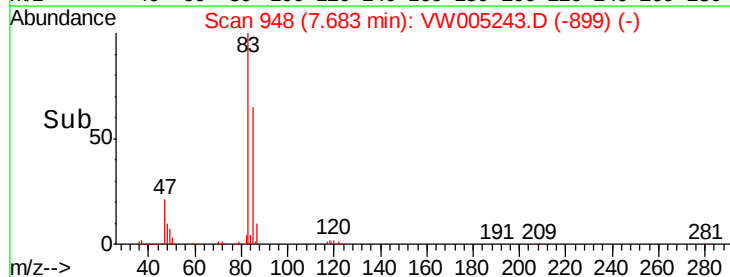
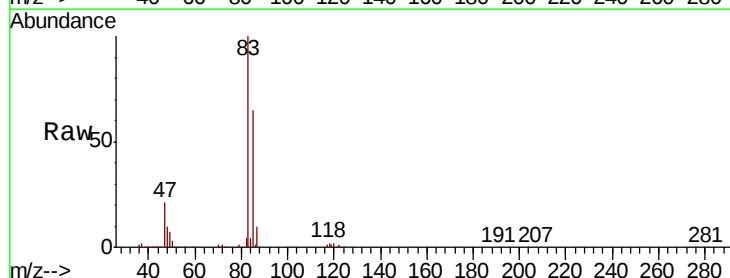
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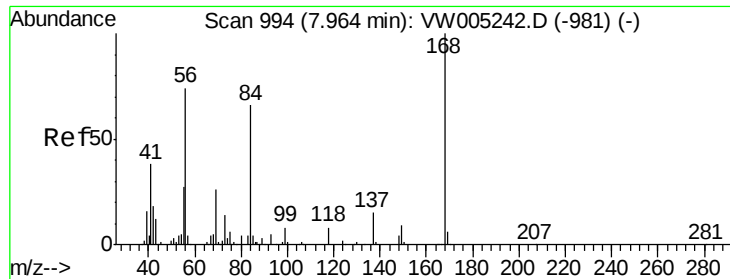
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#30
Chloroform
Concen: 66.59 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.7	77.5





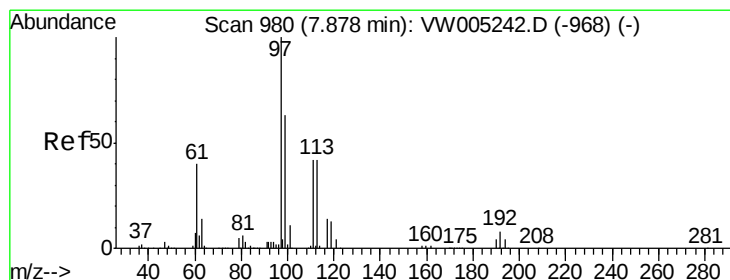
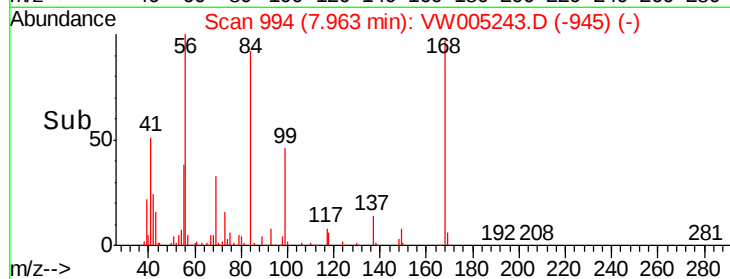
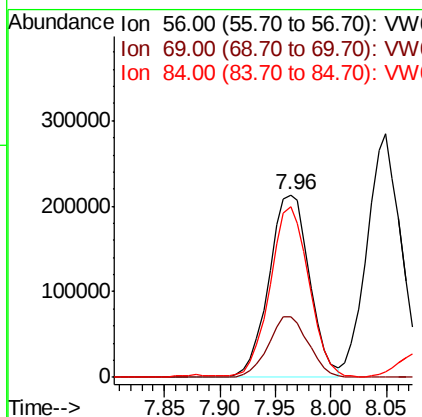
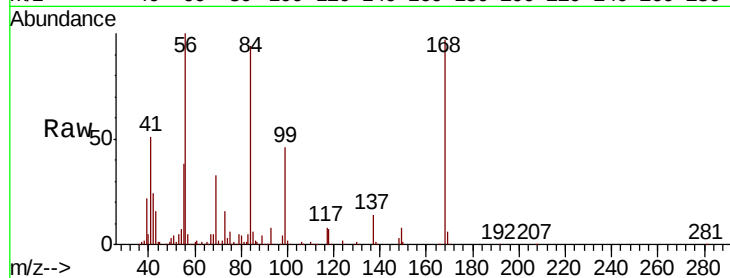
#31
Cvclohexane
Concen: 68.27 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.8	41.8
84	92.6	72.1	108.1

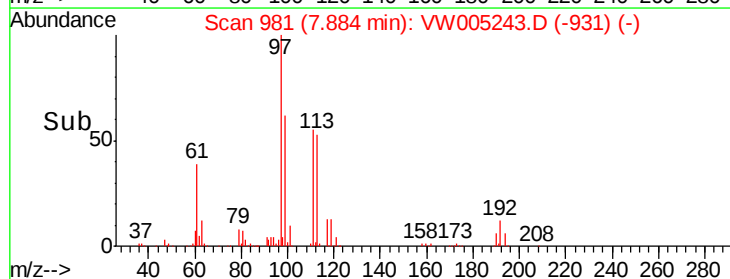
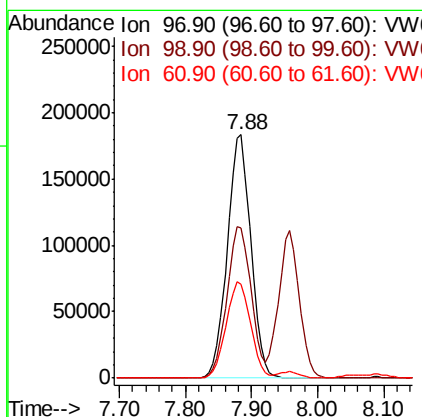
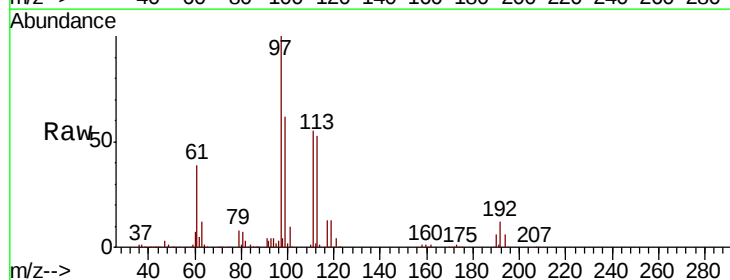
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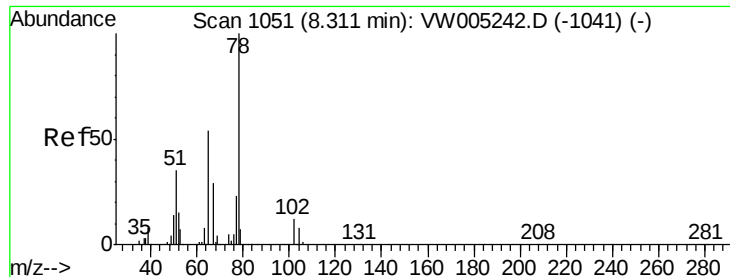
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#32
1,1,1-Trichloroethane
Concen: 67.23 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	41.0	32.5	48.7





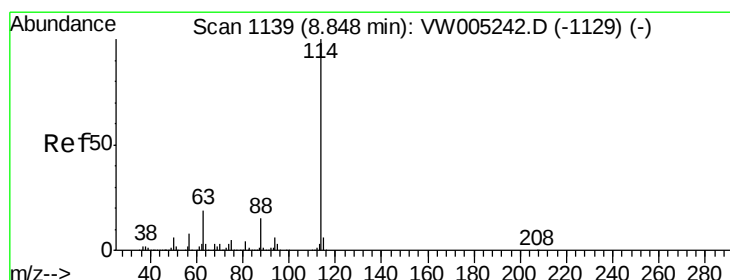
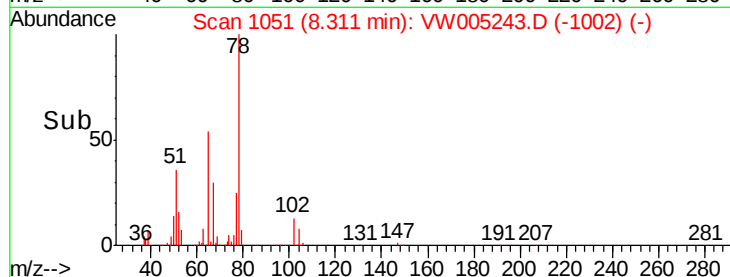
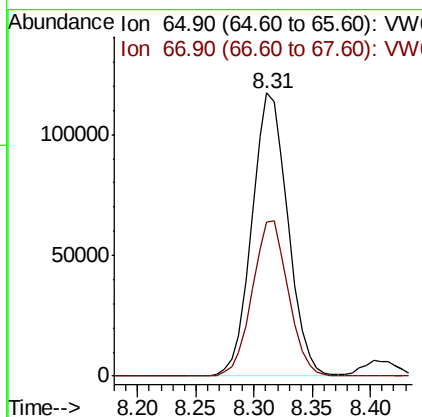
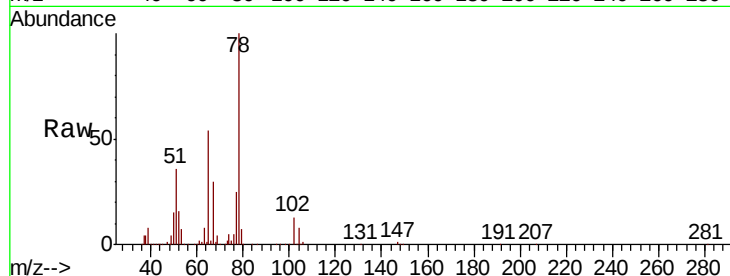
#33
 1,2-Dichloroethane-d4
 Concen: 68.41 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252695		
67	55.2	0.0	112.2	

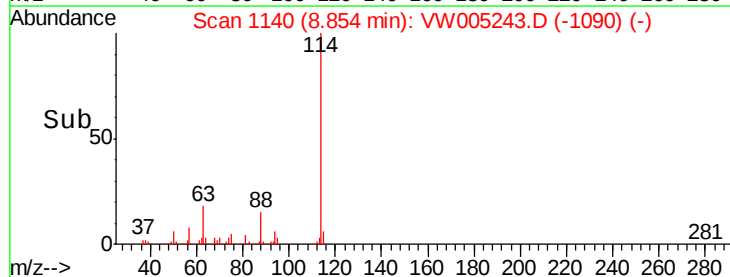
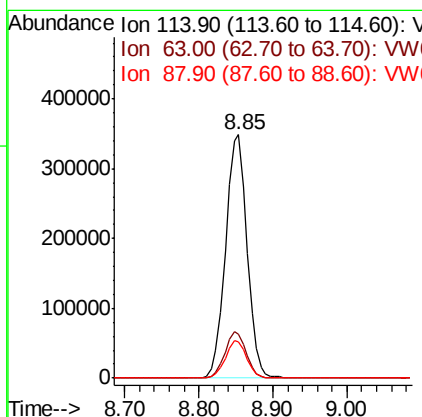
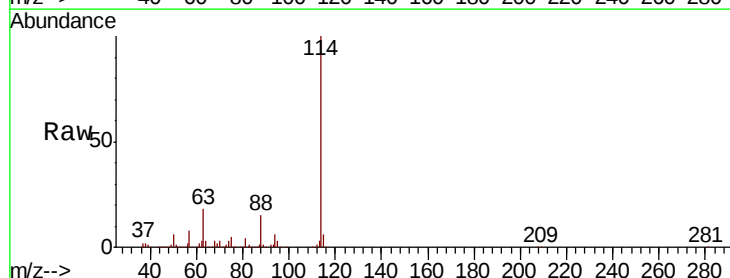
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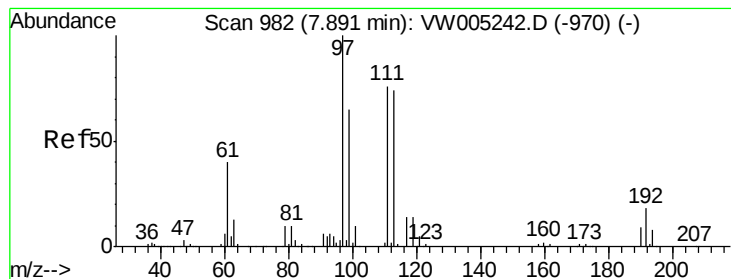
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	702624		
63	18.2	0.0	37.0	
88	14.9	0.0	30.4	





#35

Dibromofluoromethane

Concen: 71.54 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

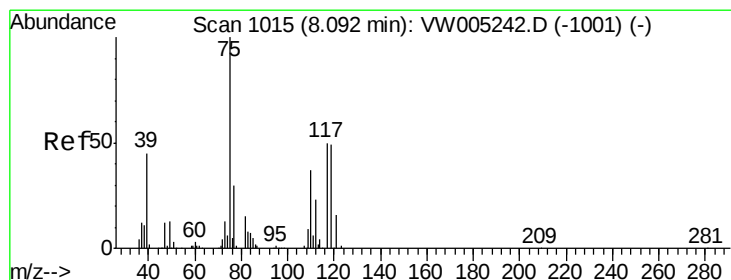
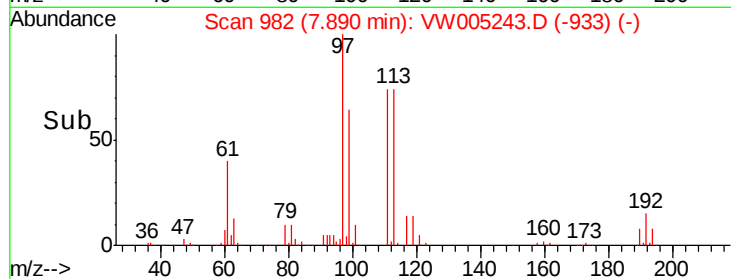
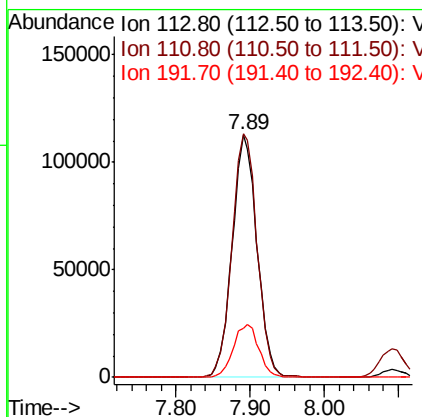
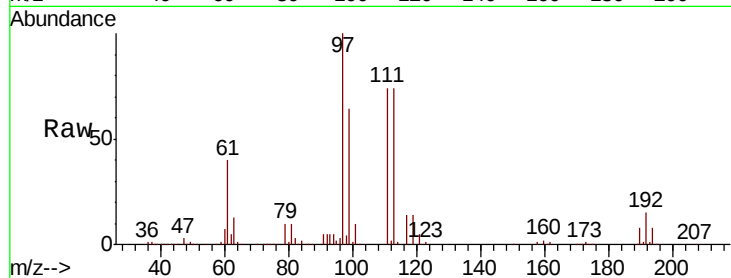
ClientSampleId :

VSTDIC075

Tot Ion:	113	Resp:	263326
Ion Ratio	Lower	Upper	
113	100		
111	101.7	80.6	121.0
192	22.3	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 71.81 ug/l

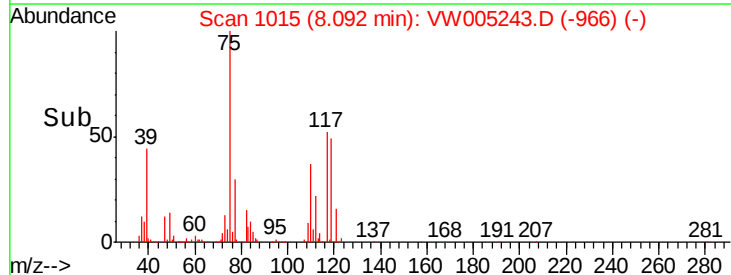
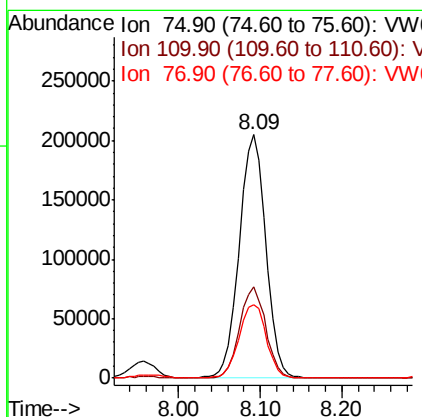
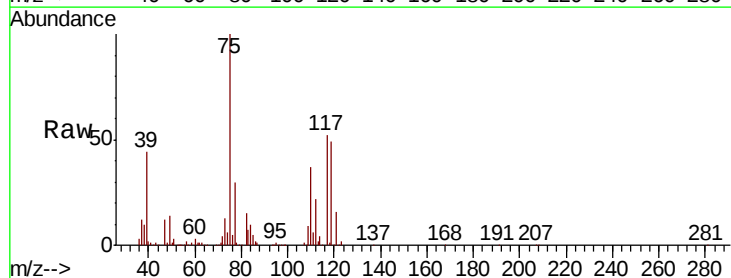
RT: 8.09 min Scan# 1015

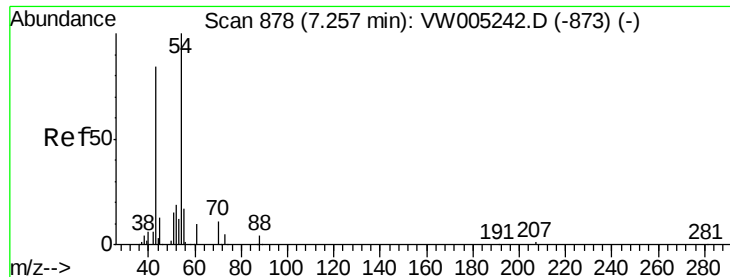
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	75	Resp:	462270
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.8	56.4
77	31.3	24.9	37.3





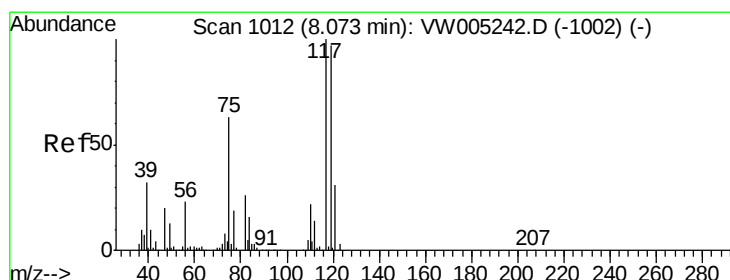
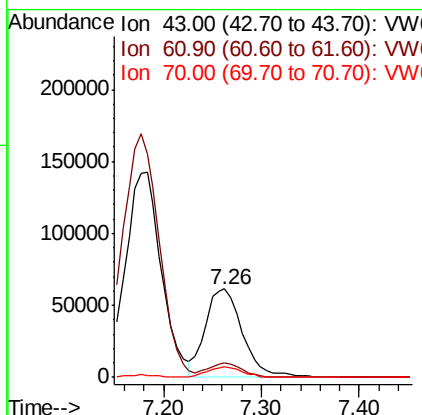
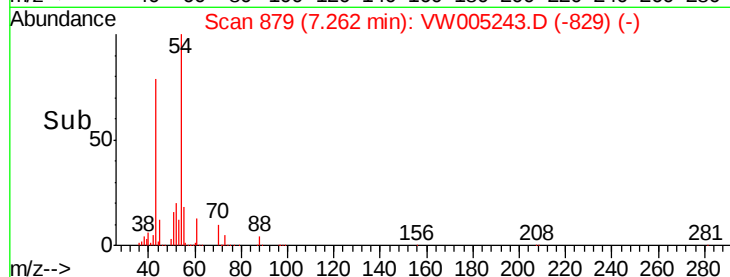
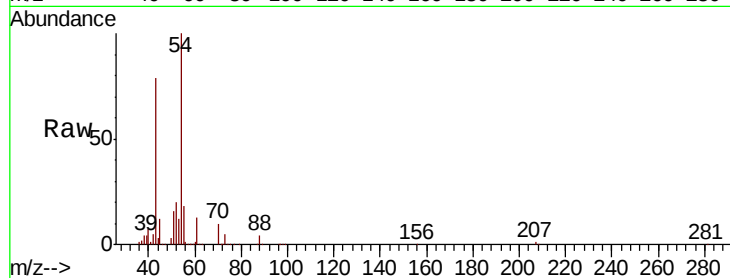
#37
Ethyl Acetate
Concen: 65.53 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleID :
VSTDIC075

Tot Ion	43	Resp	160458
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.3	18.5
70	11.7	9.5	14.3

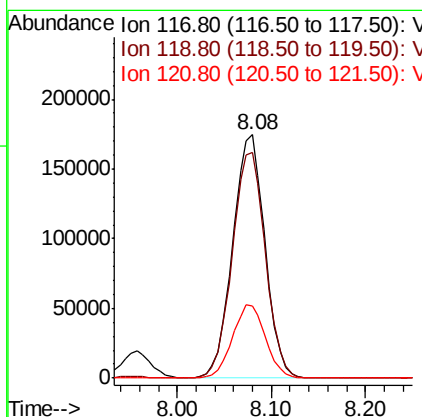
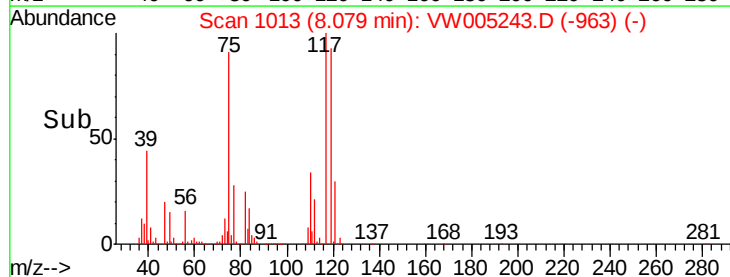
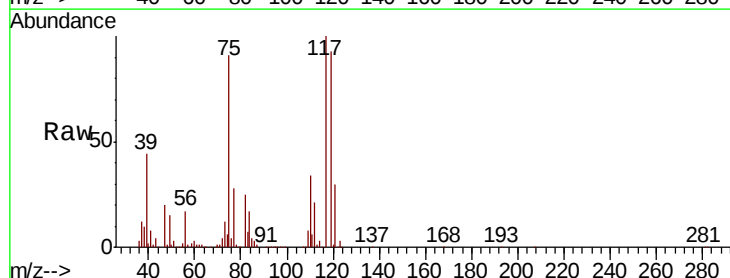
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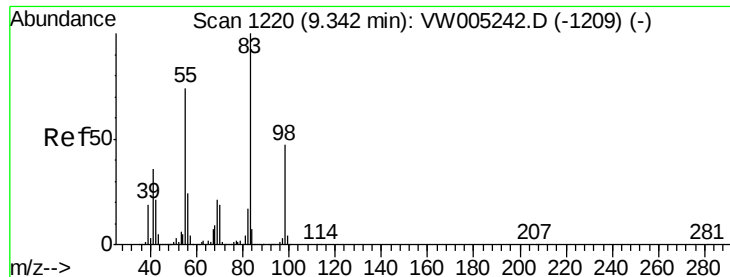
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#38
Carbon Tetrachloride
Concen: 68.88 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	117	Resp	415357
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.5	116.3
121	29.7	24.7	37.1





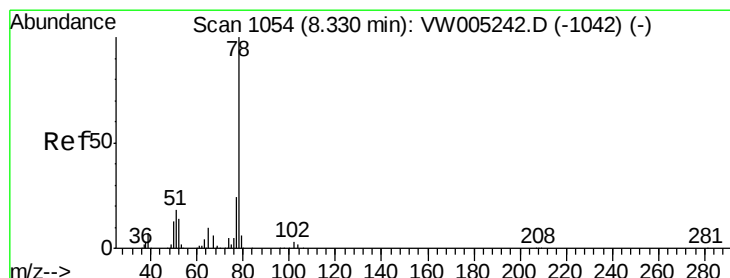
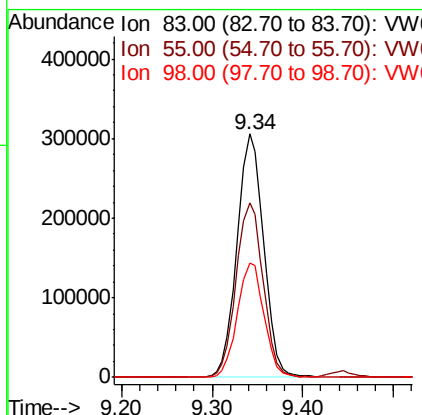
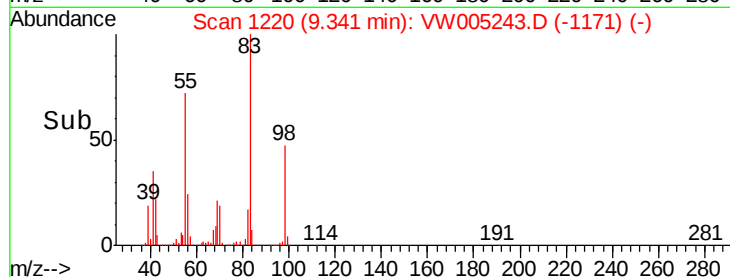
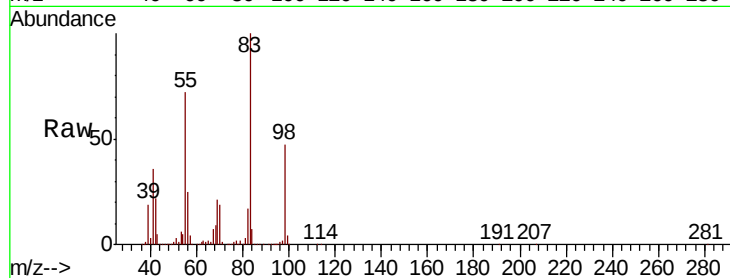
#39
Methvlcvclohexane
Concen: 73.08 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.9	88.3
98	47.1	37.6	56.4

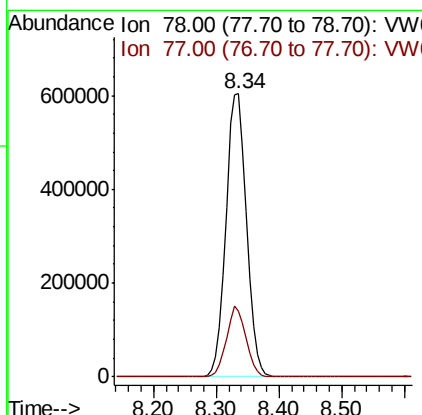
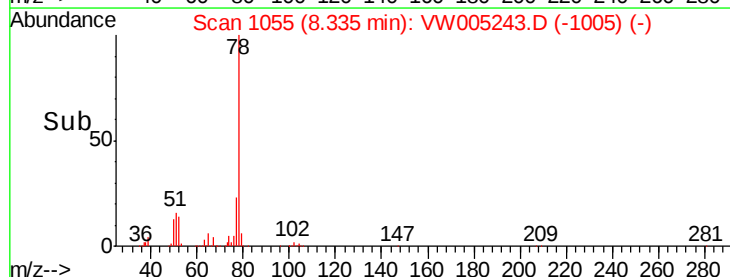
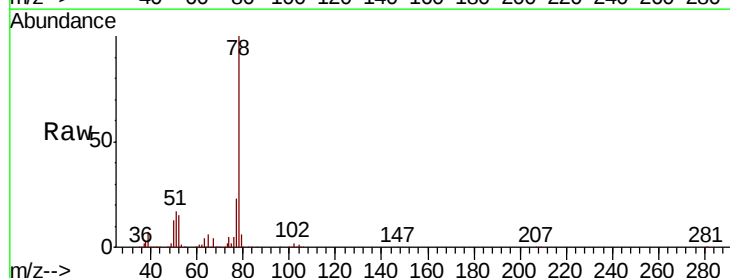
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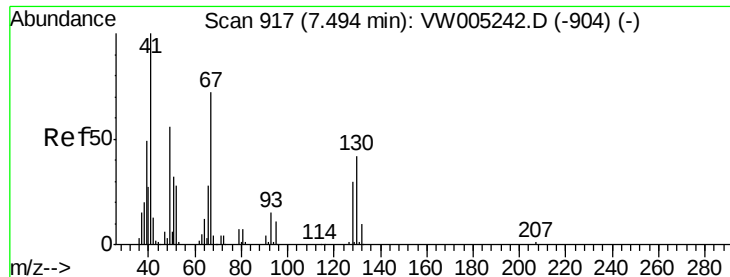
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#40
Benzene
Concen: 72.17 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





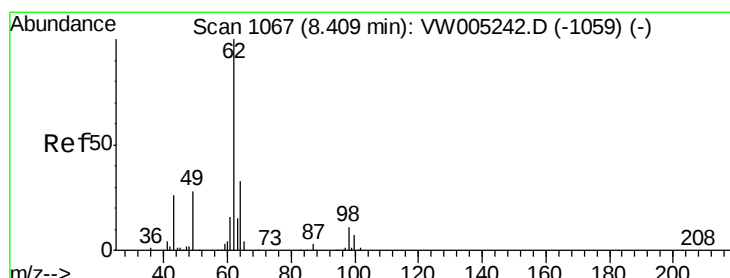
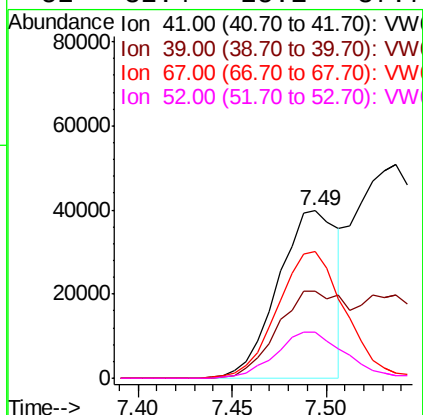
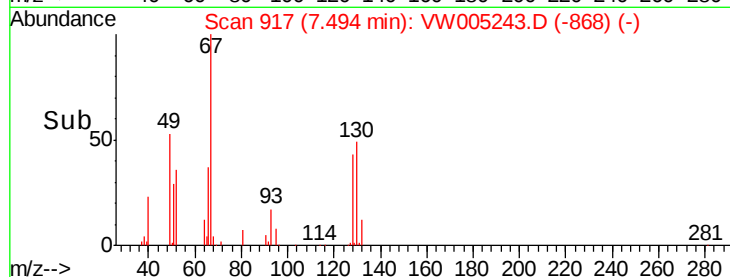
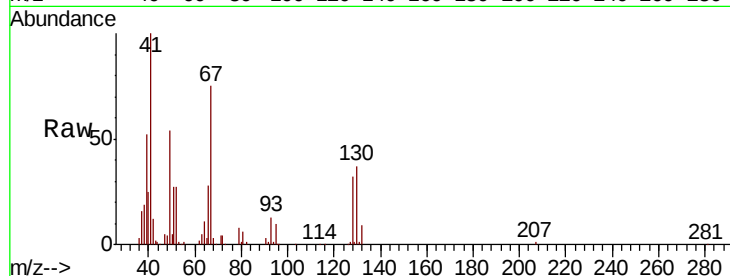
#41
Methacrylonitrile
Concen: 69.91 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.7	39.9	59.9
67	85.5	65.7	98.5
52	32.4	25.1	37.7

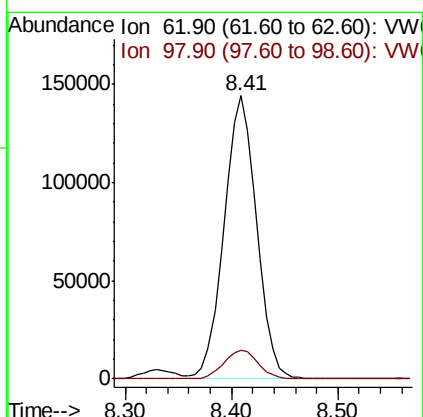
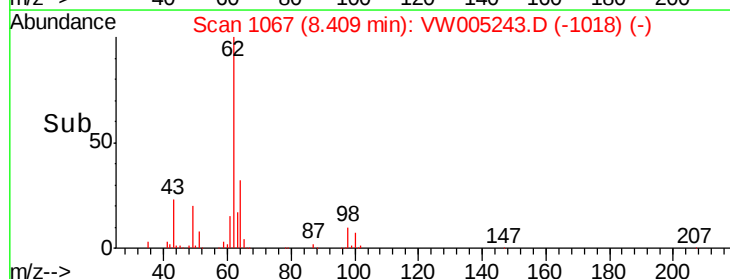
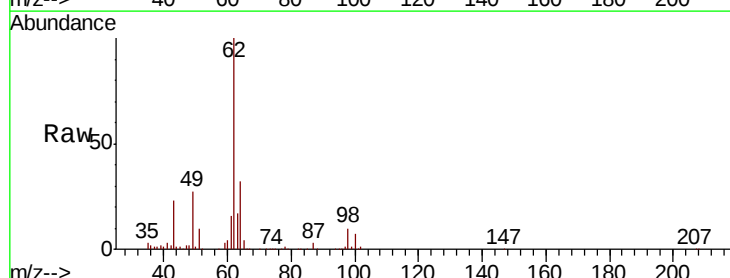
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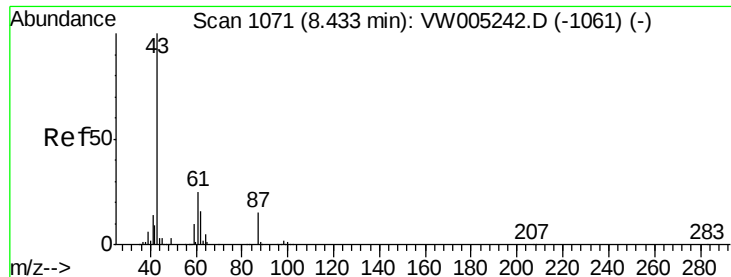
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#42
1,2-Dichloroethane
Concen: 67.73 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.0





#43

Isopropyl Acetate

Concen: 71.23 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

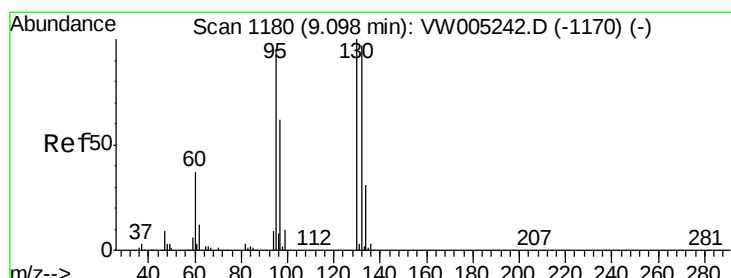
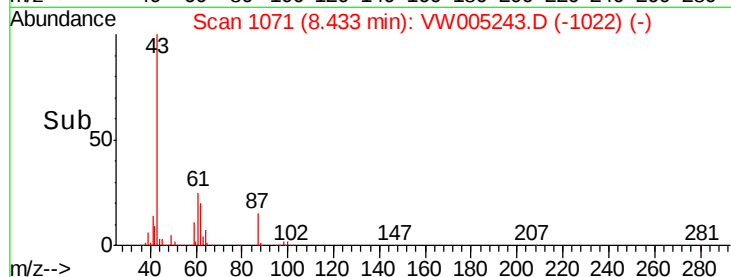
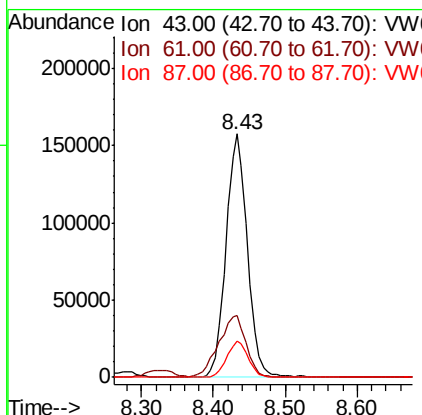
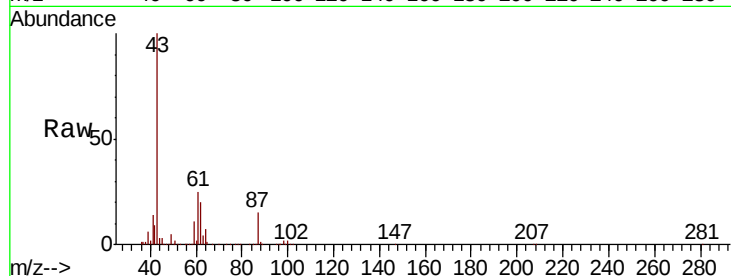
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	323891
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.4	38.0
87	15.2	11.9	17.9

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#44

Trichloroethene

Concen: 72.14 ug/l

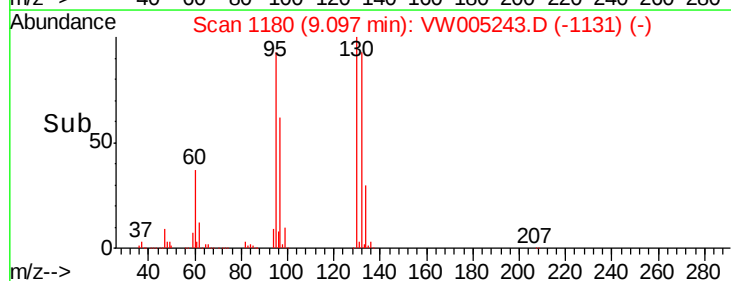
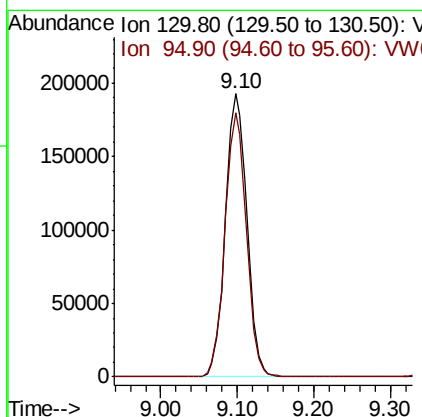
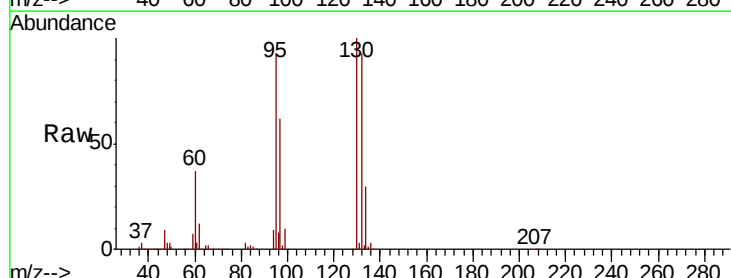
RT: 9.10 min Scan# 1180

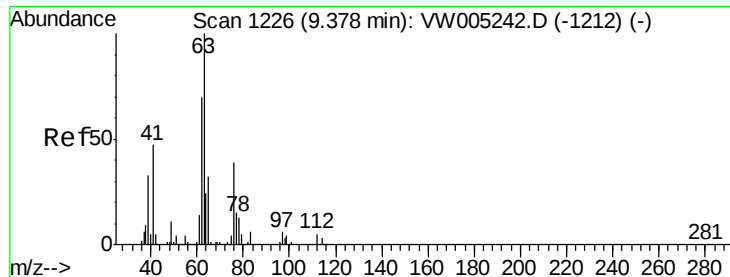
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	130	Resp:	375319
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	189.6





#45

1,2-Dichloropropane

Concen: 72.89 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 63 Resp: 332270

Ion Ratio Lower Upper

63 100

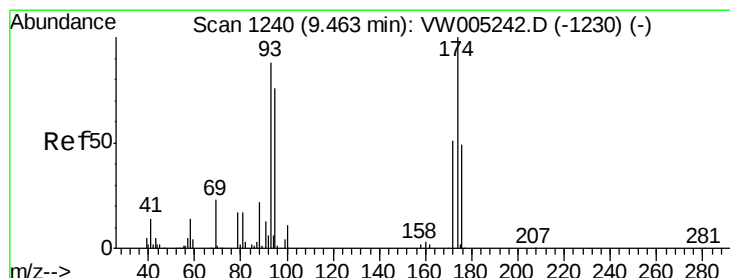
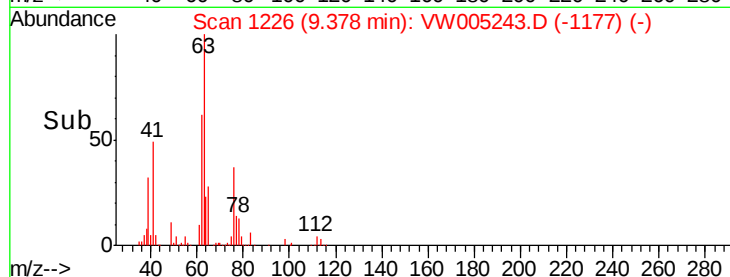
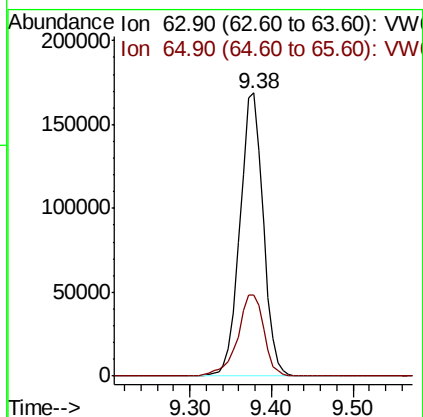
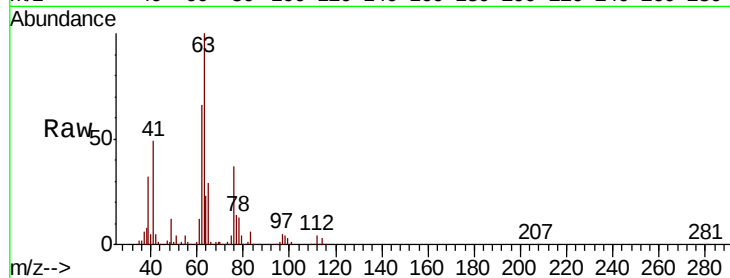
65 28.6 25.4 38.2

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#46

Dibromomethane

Concen: 67.75 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

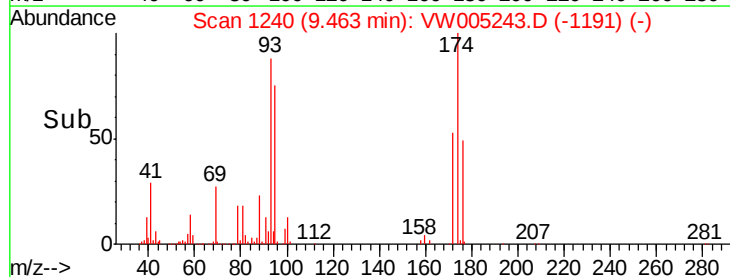
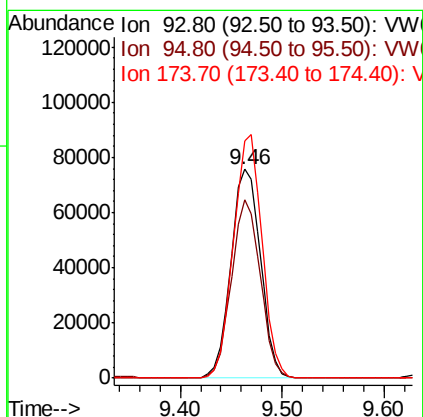
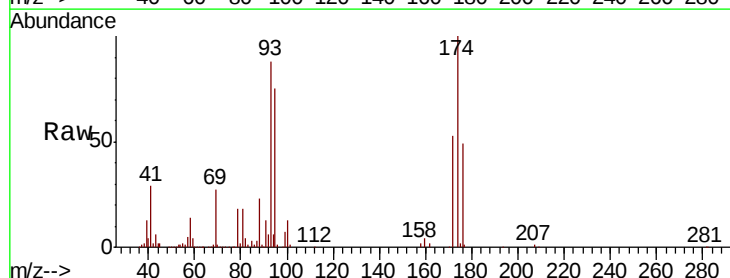
Tgt Ion: 93 Resp: 151161

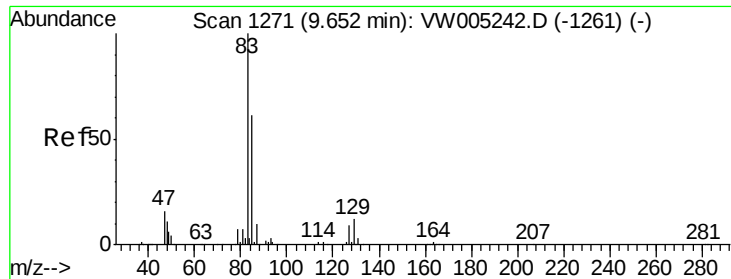
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 113.3 92.2 138.2





#47

Bromodichloromethane

Concen: 68.77 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

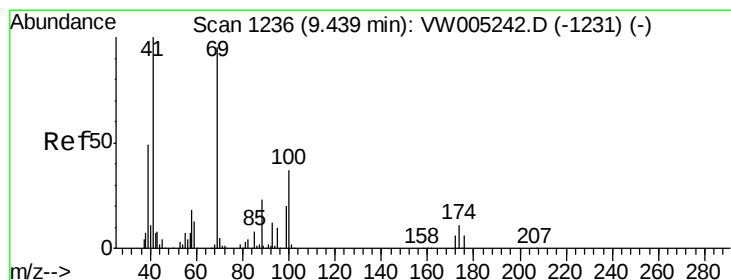
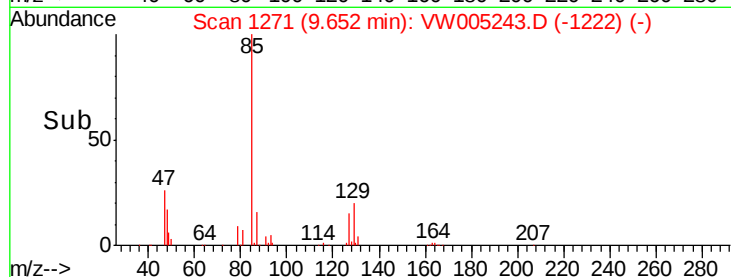
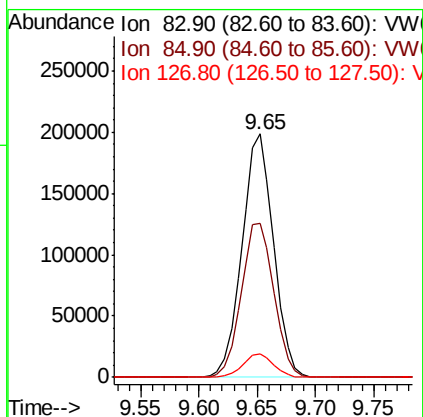
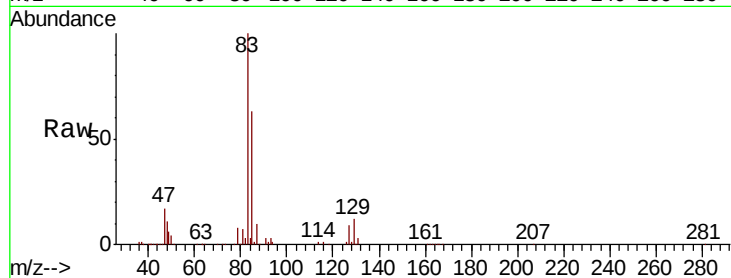
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	375366
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.0	73.6
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 70.56 ug/l

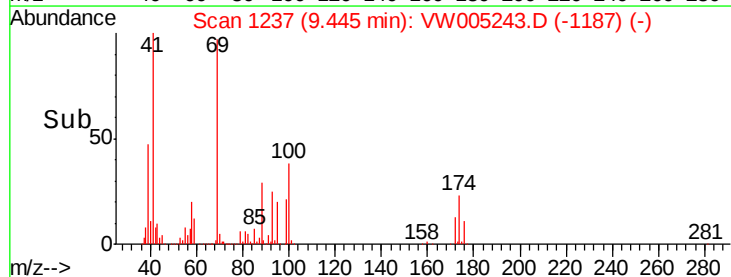
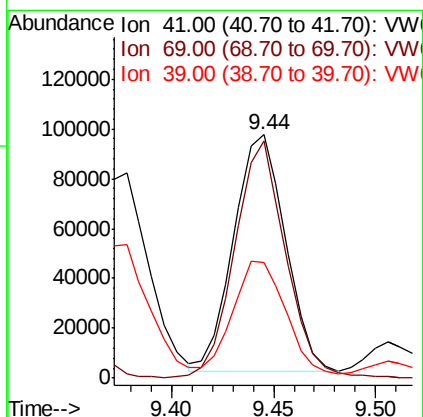
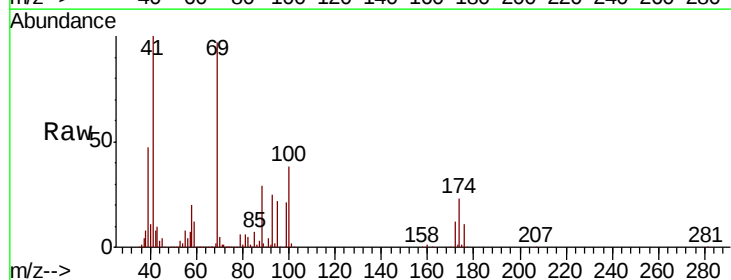
RT: 9.44 min Scan# 1237

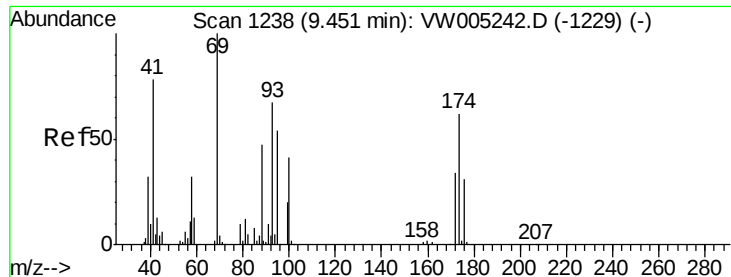
Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	41	Resp:	166588
Ion Ratio	Lower	Upper	
41	100		
69	99.9	74.6	112.0
39	48.4	36.7	55.1





#49

1,4-Dioxane

Concen: 1465.80 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

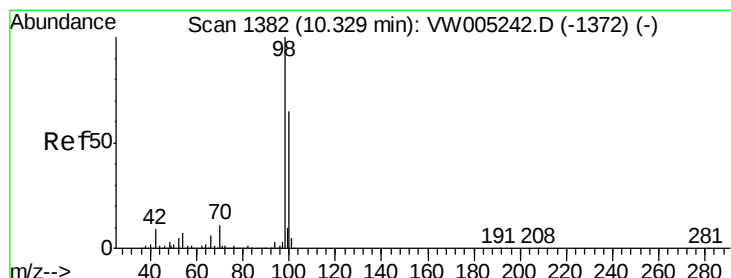
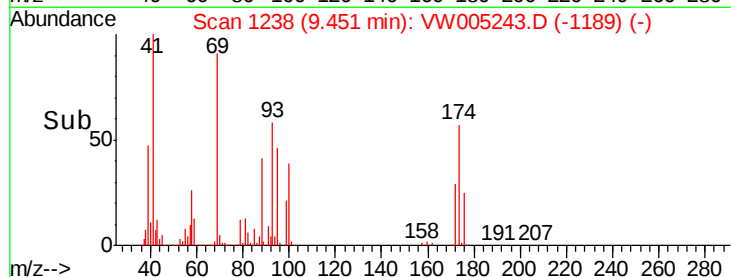
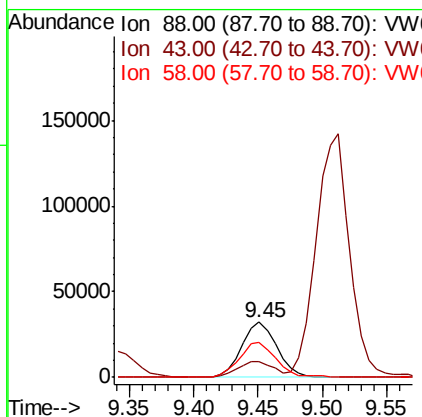
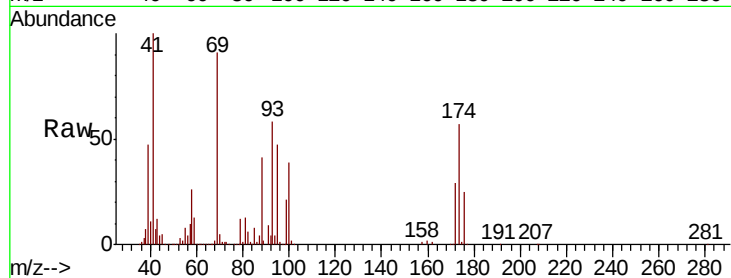
ClientSampled :

VSTDIC075

Tot Ion:	88	Resp:	61064
Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.7	34.1
58	67.2	56.6	85.0

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#50

Toluene-d8

Concen: 75.86 ug/l

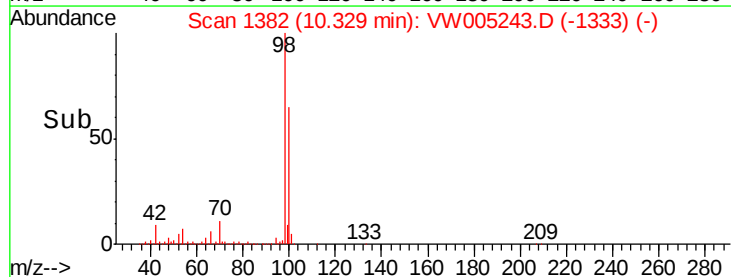
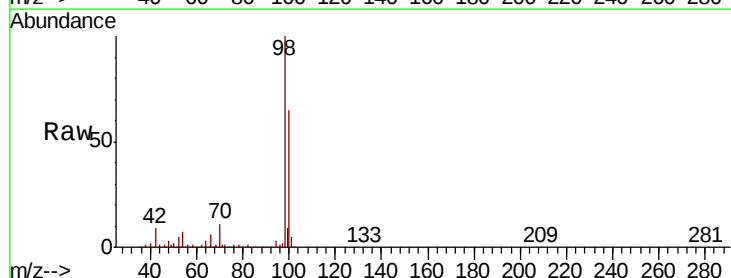
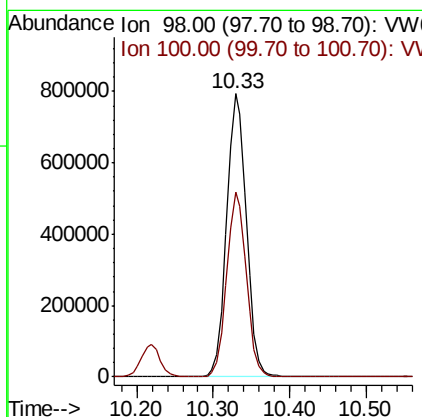
RT: 10.33 min Scan# 1382

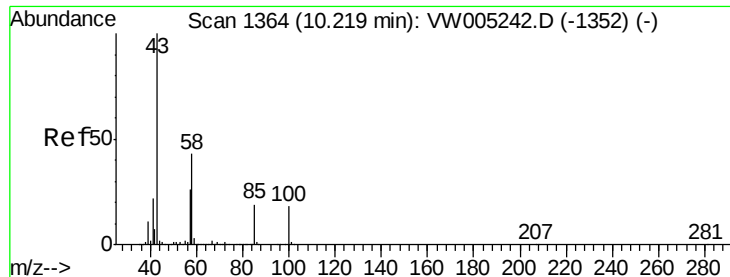
Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	98	Resp:	1410814
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 372.17 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 952265

Ion Ratio Lower Upper

43 100

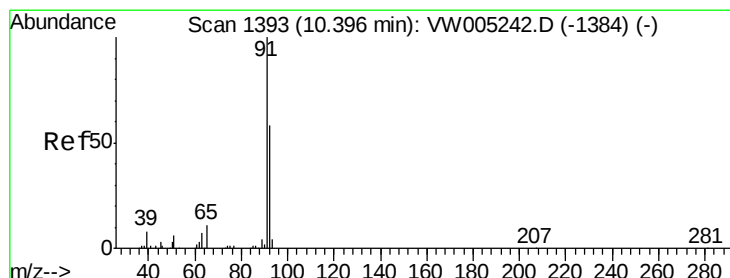
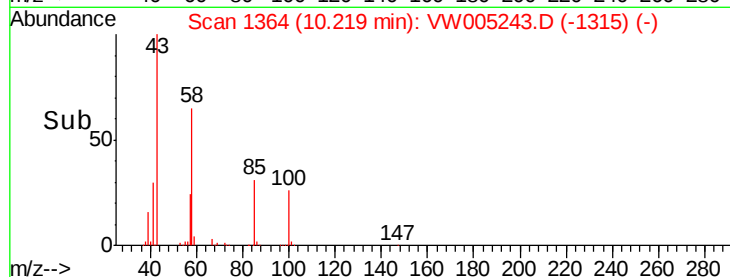
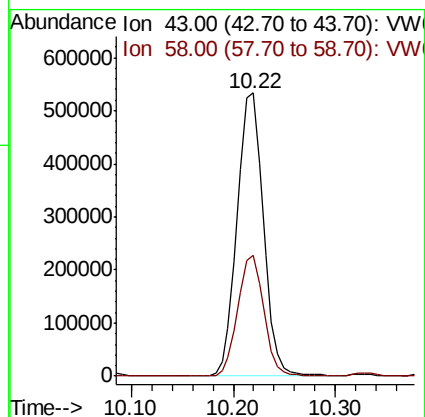
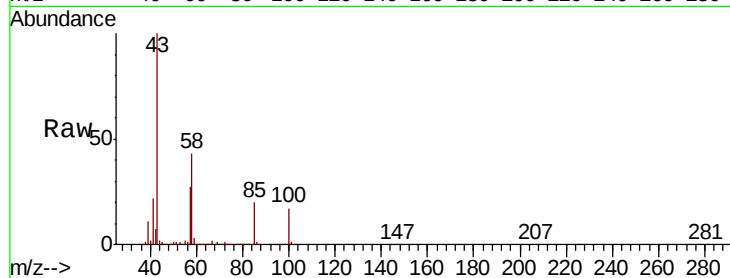
58 42.2 33.8 50.6

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#52

Toluene

Concen: 73.64 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005243.D

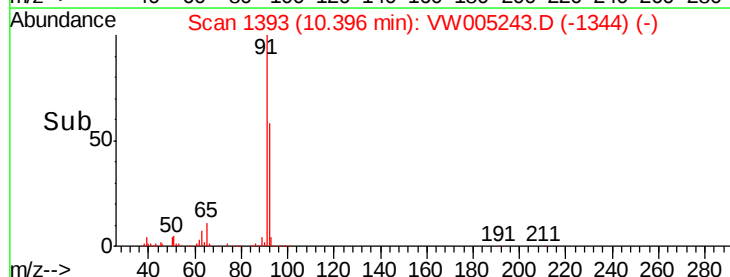
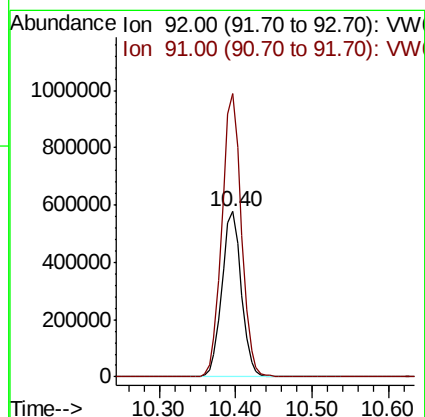
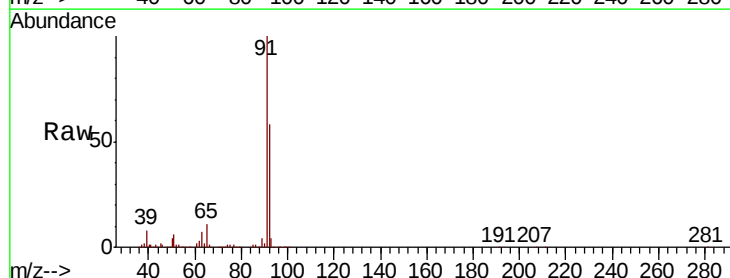
Acq: 10 Sep 2018 15:49

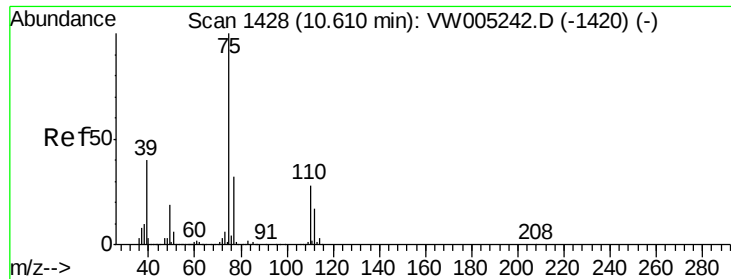
Tgt Ion: 92 Resp: 1014956

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 75.70 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 446521

Ion Ratio Lower Upper

75 100

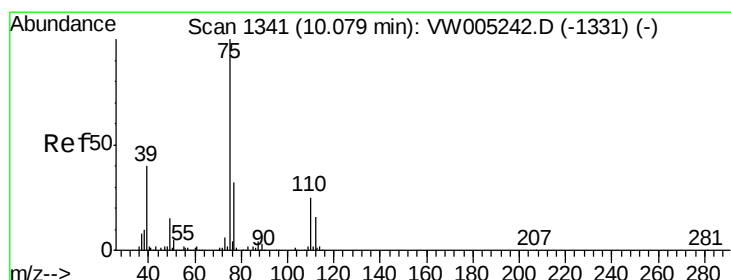
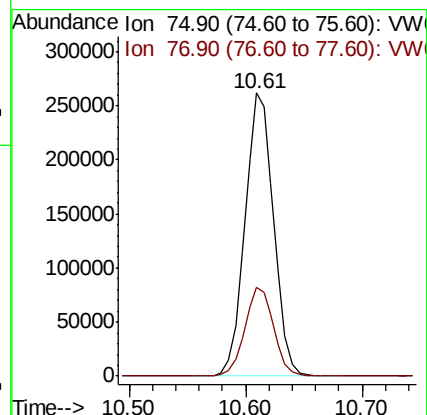
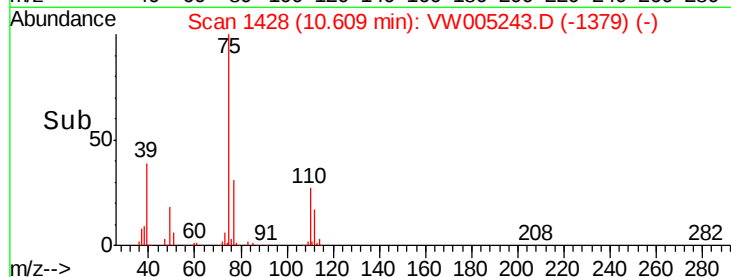
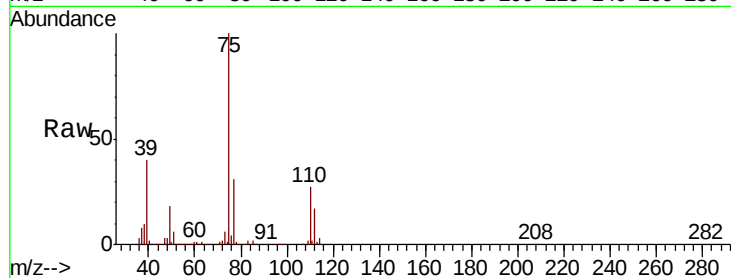
77 31.1 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 74.27 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

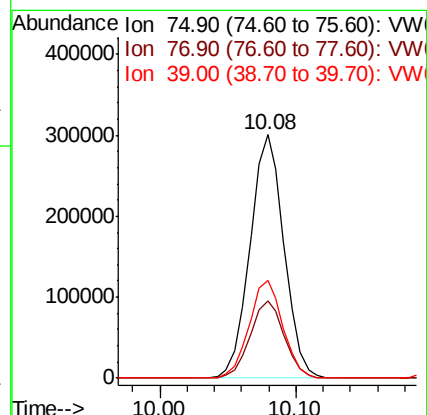
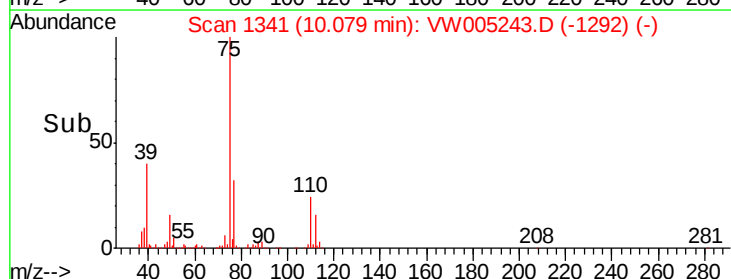
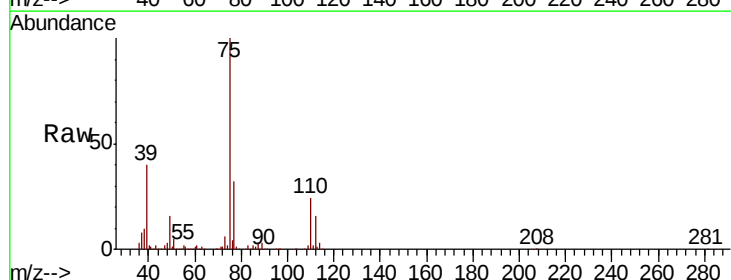
Tgt Ion: 75 Resp: 524659

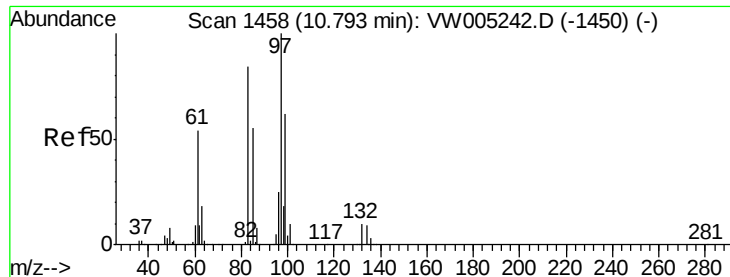
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 40.1 31.8 47.6





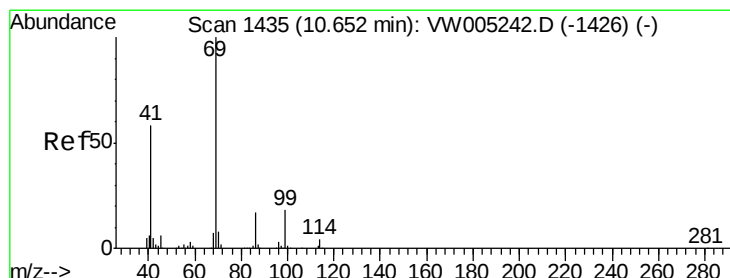
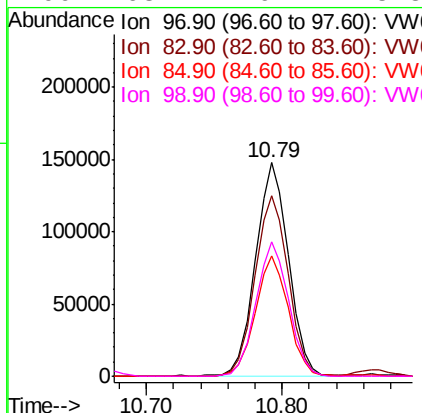
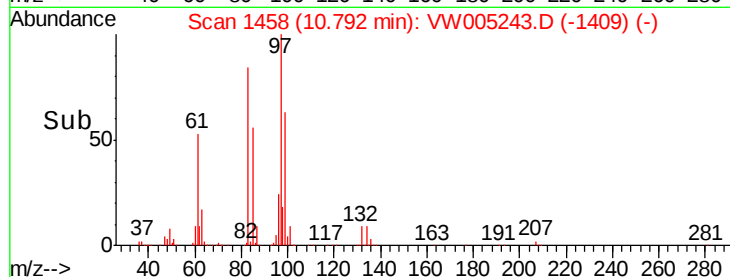
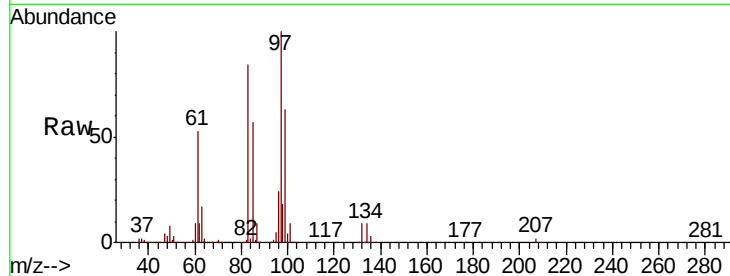
#55
 1,1,2-Trichloroethane
 Concen: 70.52 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:	97	Resp:	250887
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.2	100.8
85	56.5	44.4	66.6
99	63.1	49.2	73.8

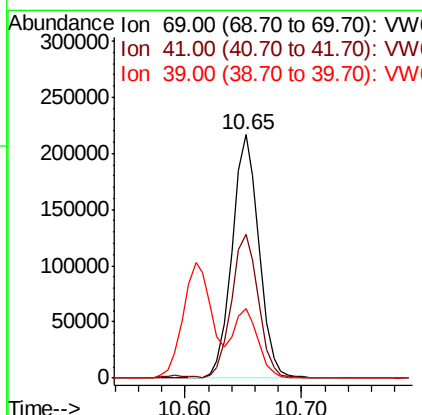
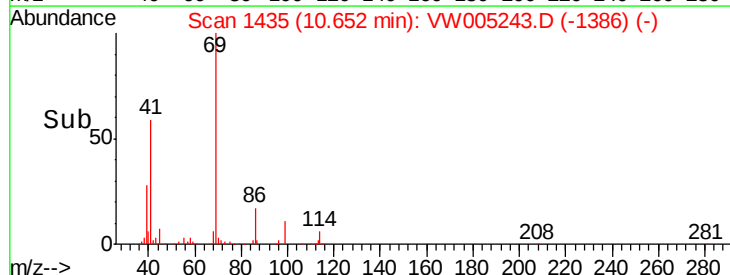
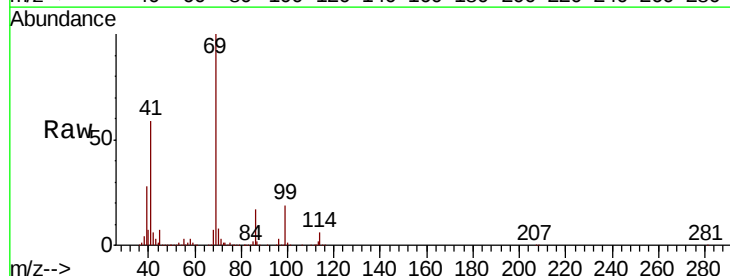
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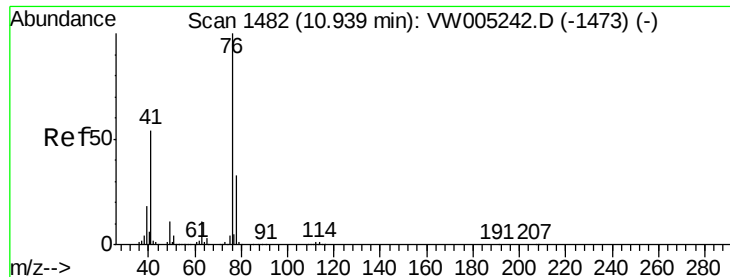
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#56
 Ethyl methacrylate
 Concen: 77.06 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion:	69	Resp:	347566
Ion	Ratio	Lower	Upper
69	100		
41	59.0	48.7	73.1
39	26.1	20.9	31.3





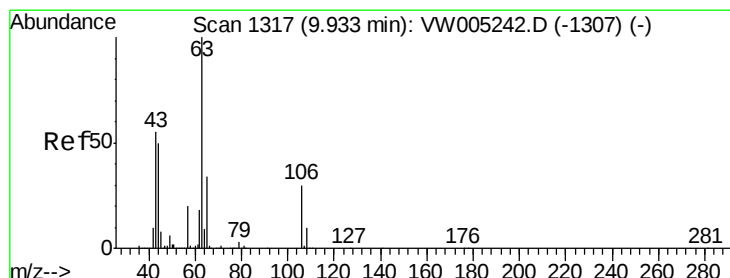
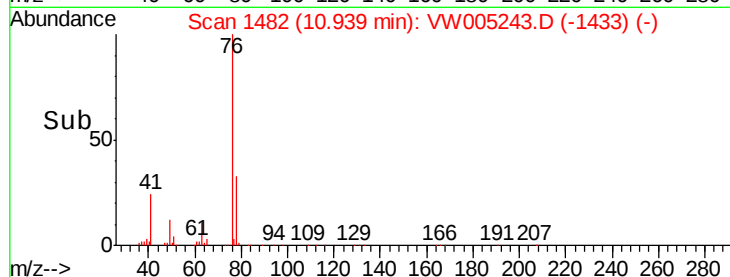
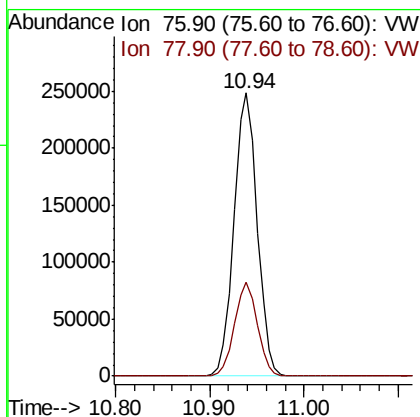
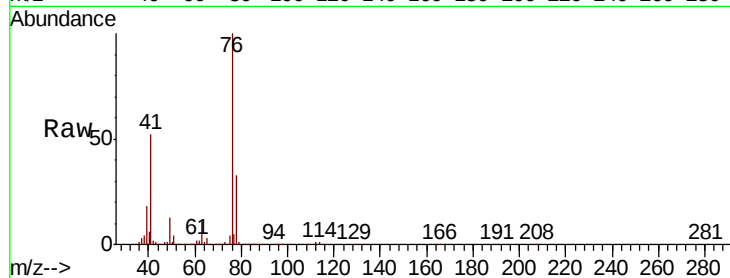
#57
 1,3-Dichloropropane
 Concen: 71.71 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

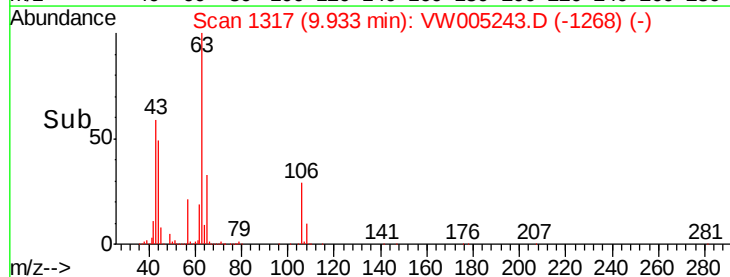
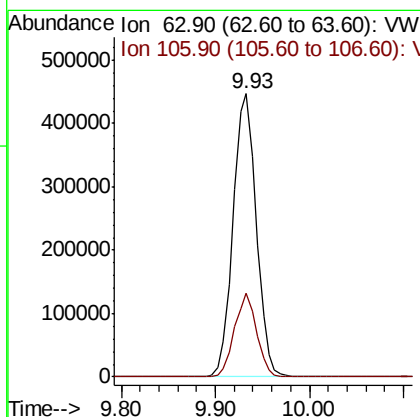
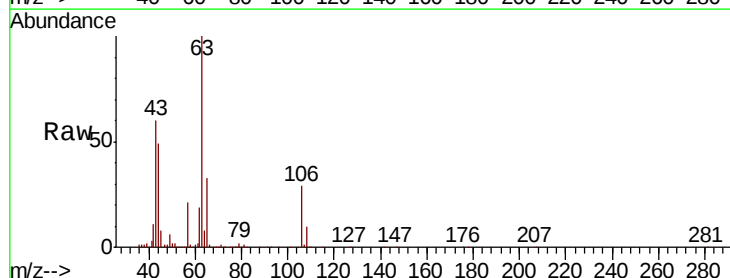
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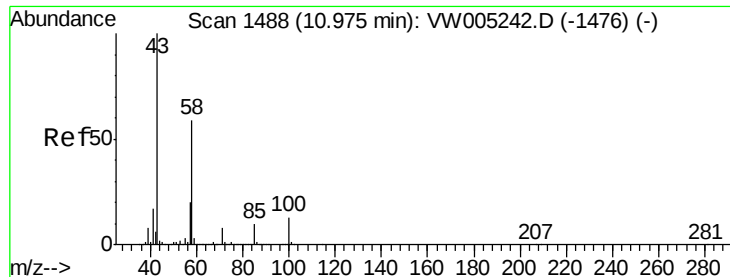
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#58
 2-Chloroethyl Vinyl ether
 Concen: 390.65 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	23.4	35.0





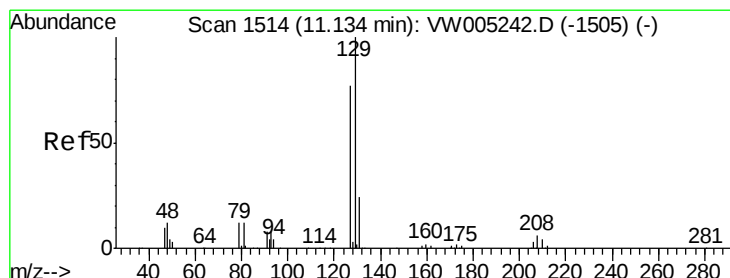
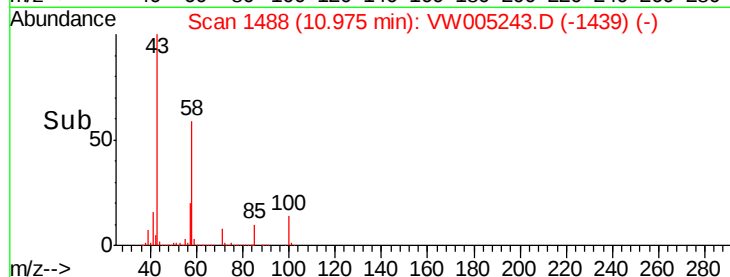
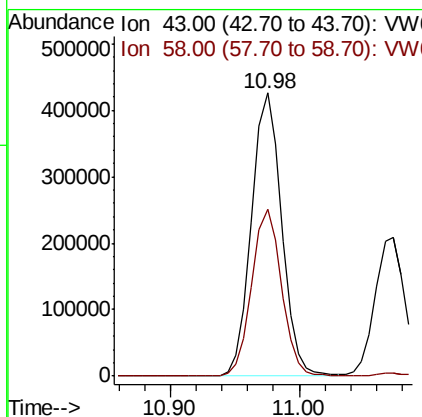
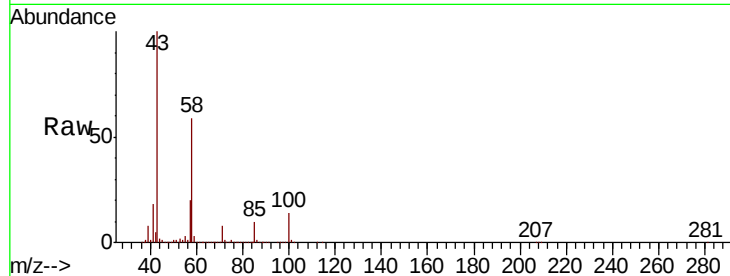
#59
2-Hexanone
Concen: 373.04 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.5	29.3	87.9

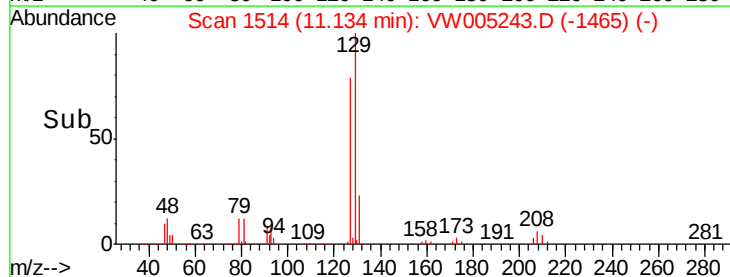
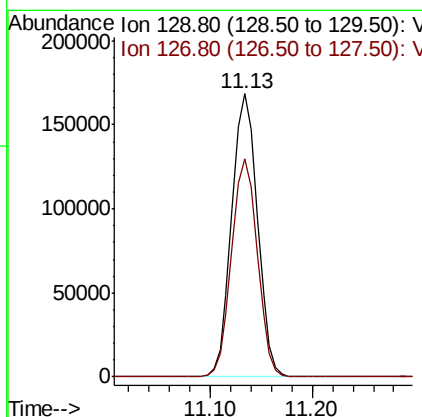
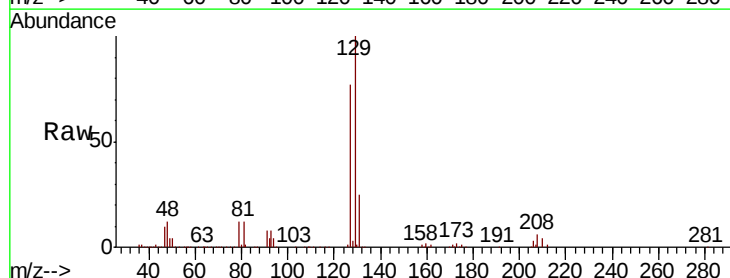
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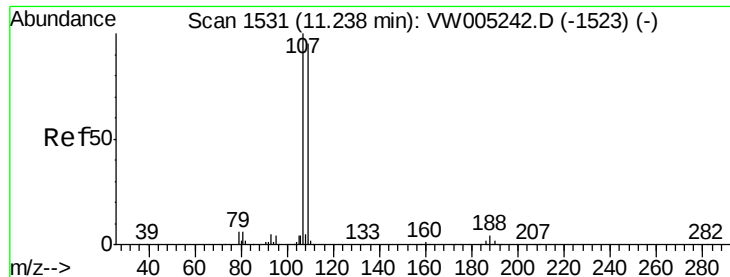
apatel
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#60
Dibromochloromethane
Concen: 74.57 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.0	117.0





#61

1,2-Dibromoethane

Concen: 72.95 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 238014

Ion Ratio Lower Upper

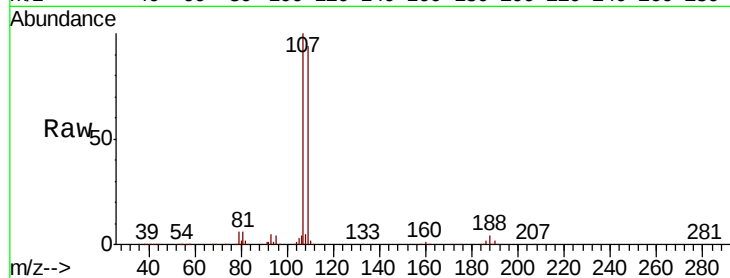
107 100

109 93.1 75.7 113.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

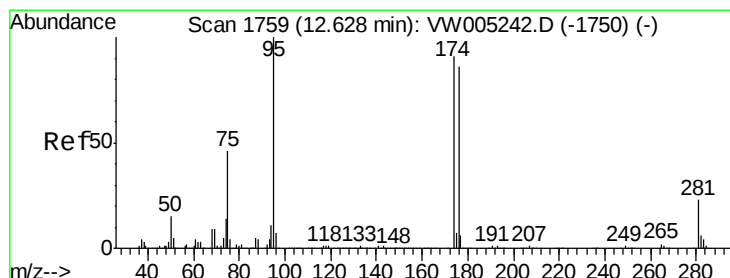
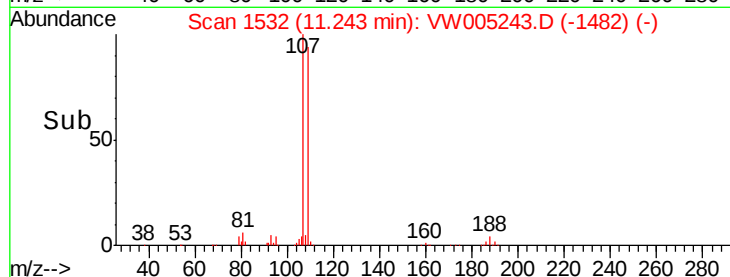
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 74.94 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

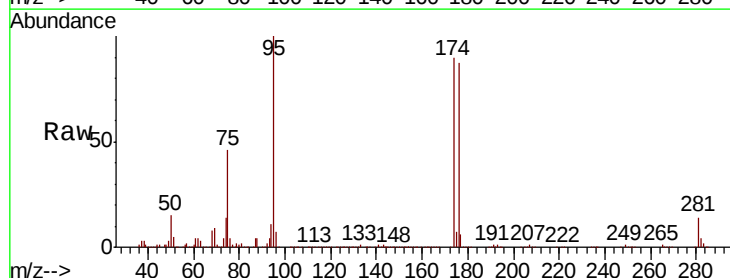
Tgt Ion: 95 Resp: 509806

Ion Ratio Lower Upper

95 100

174 86.4 0.0 174.6

176 84.3 0.0 167.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

400000

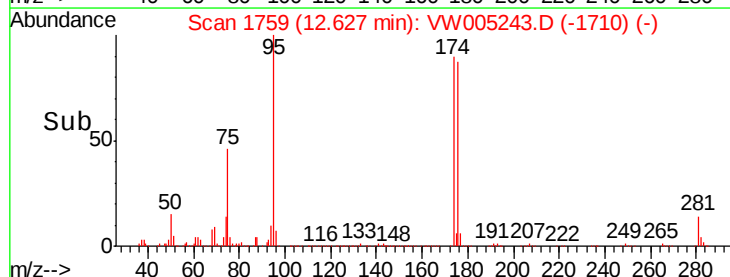
300000

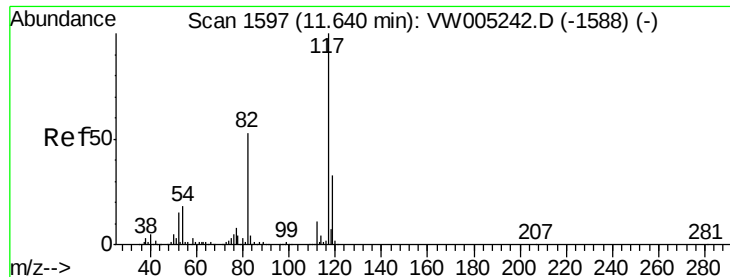
200000

100000

0

Time-->





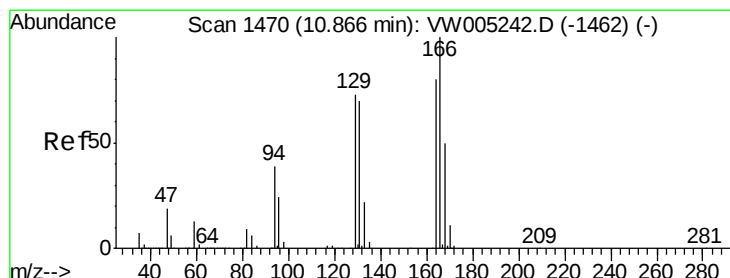
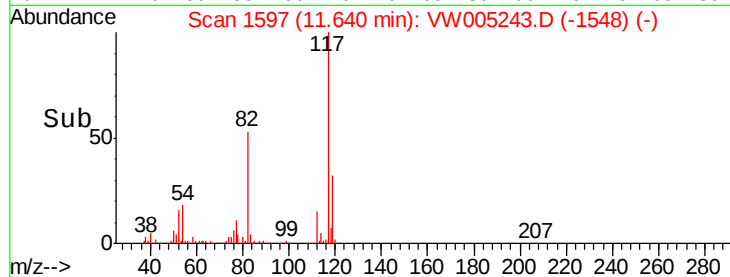
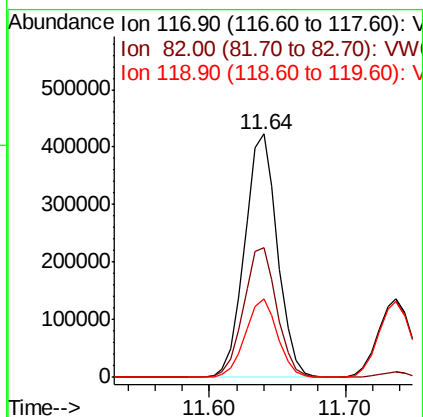
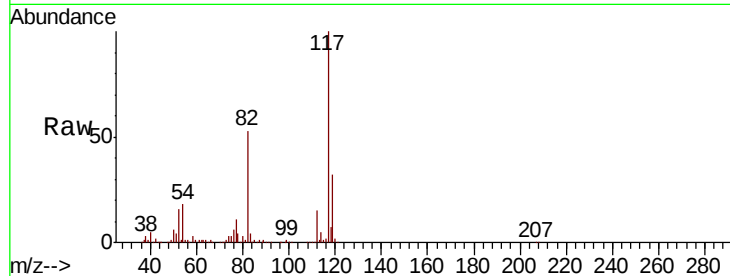
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.6	63.8
119	32.1	26.2	39.4

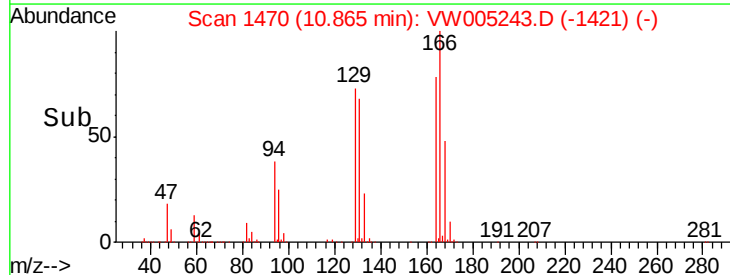
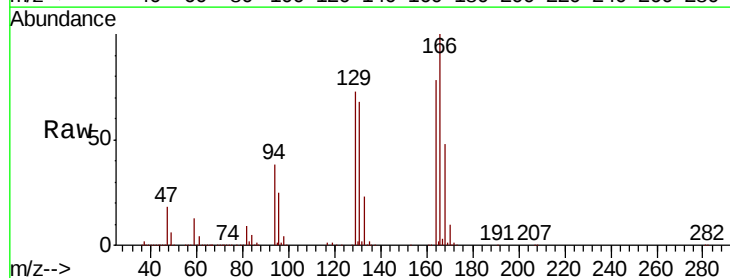
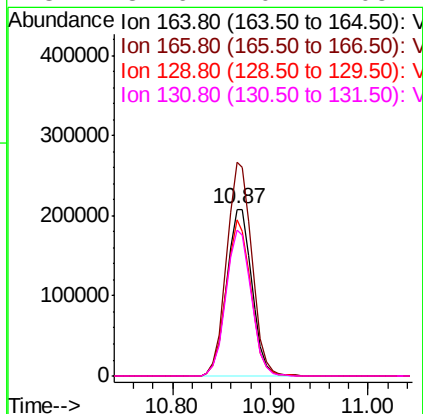
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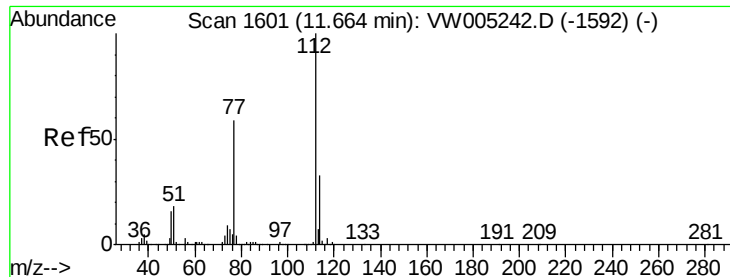
apatel
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#64
Tetrachloroethene
Concen: 70.66 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.2	150.2
129	94.0	73.2	109.8
131	87.6	70.2	105.4





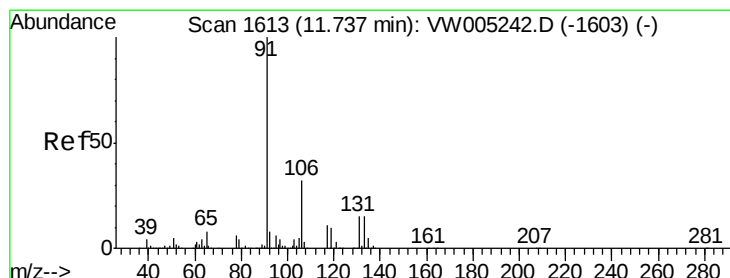
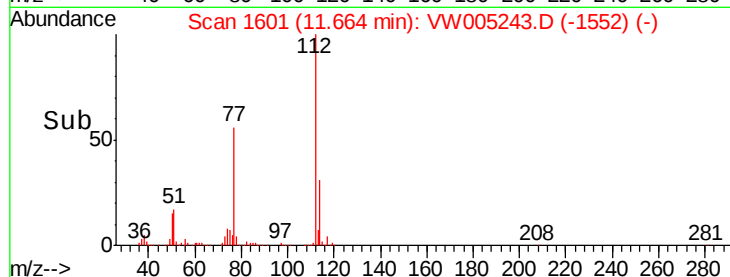
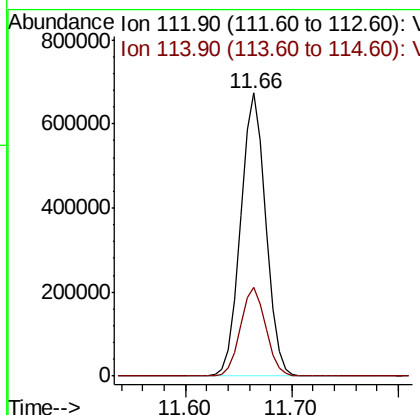
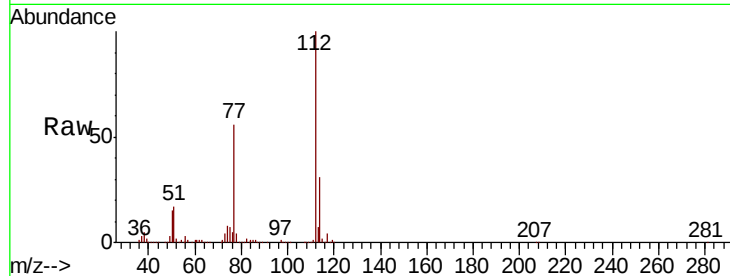
#65
Chlorobenzene
Concen: 71.75 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 1118880
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4

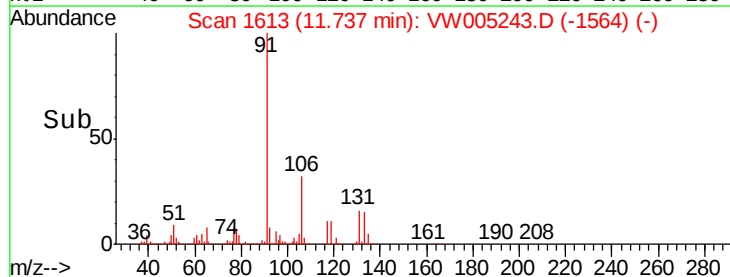
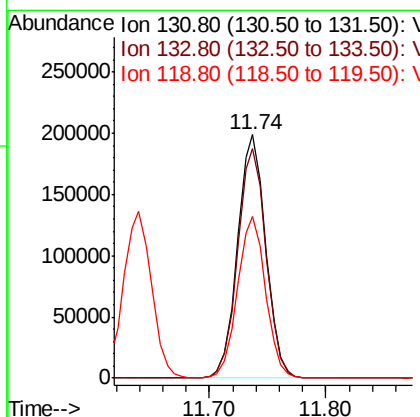
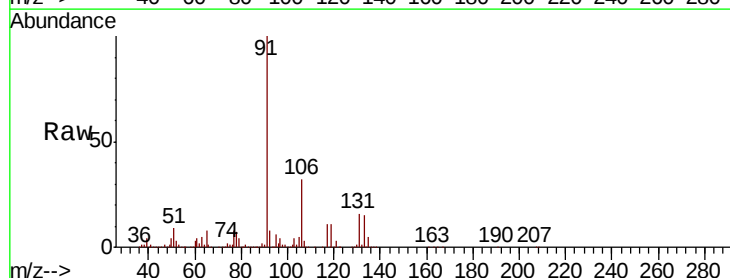
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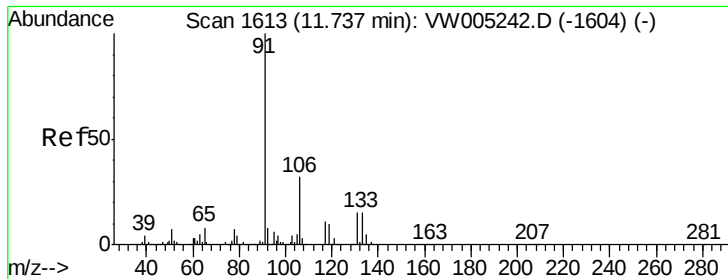
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#66
1,1,1,2-Tetrachloroethane
Concen: 71.81 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:131 Resp: 334339
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 66.3 33.4 100.1





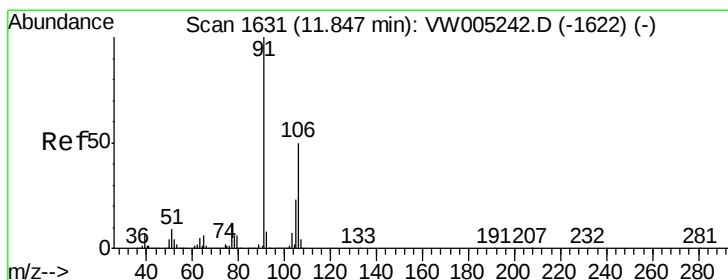
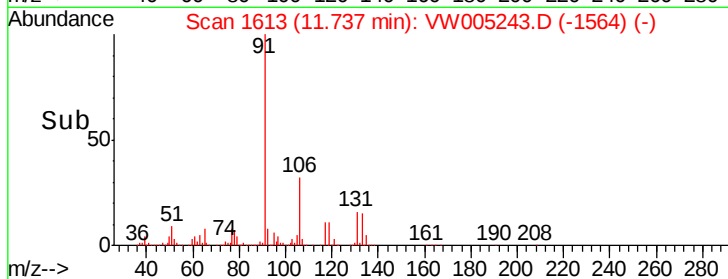
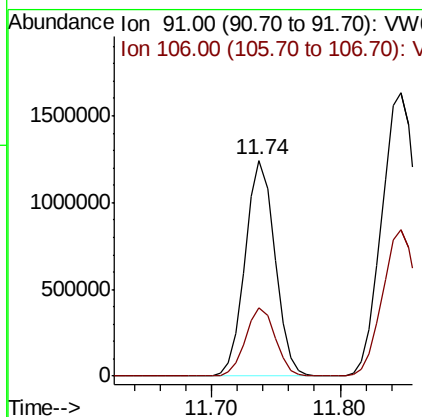
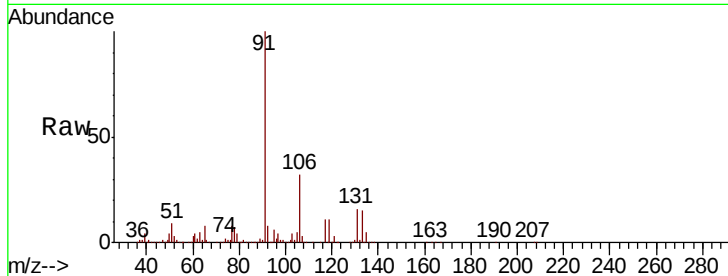
#67
Ethyl Benzene
Concen: 73.10 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 1985159
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

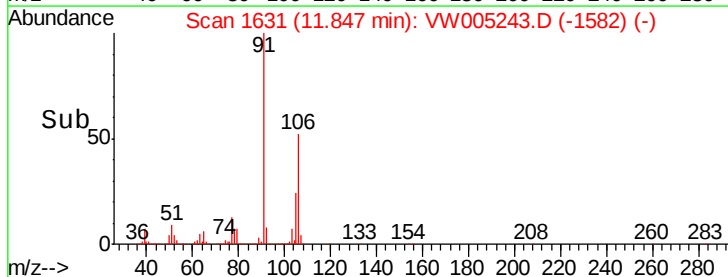
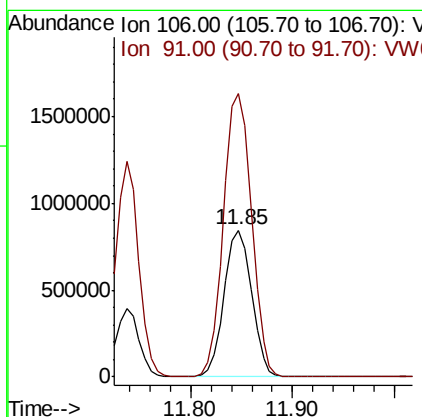
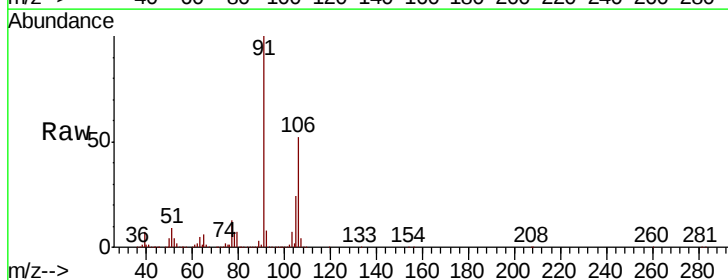
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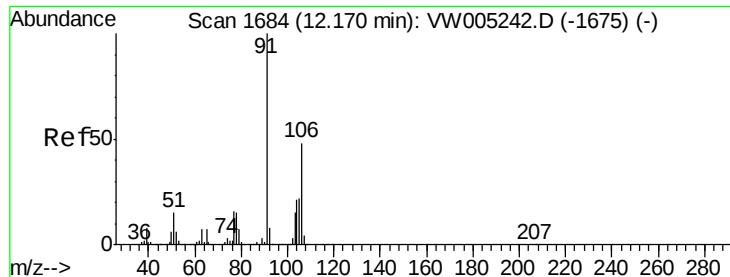
apatel
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#68
m/p-Xylenes
Concen: 144.96 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 106 Resp: 1586369
Ion Ratio Lower Upper
106 100
91 197.4 160.2 240.2





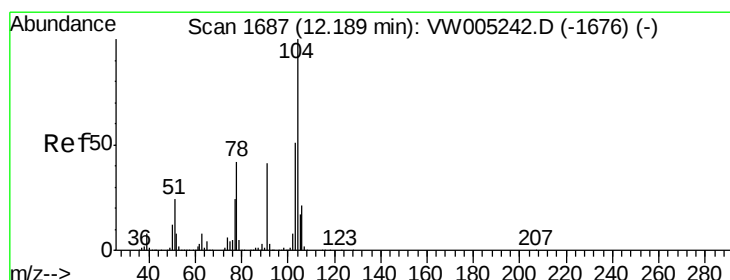
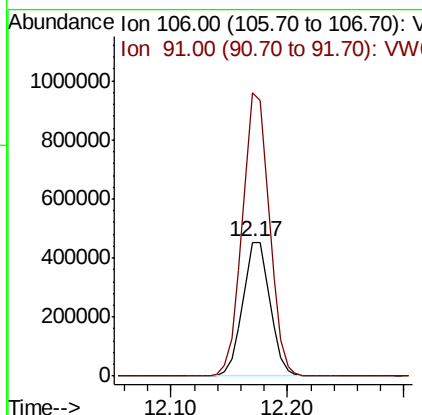
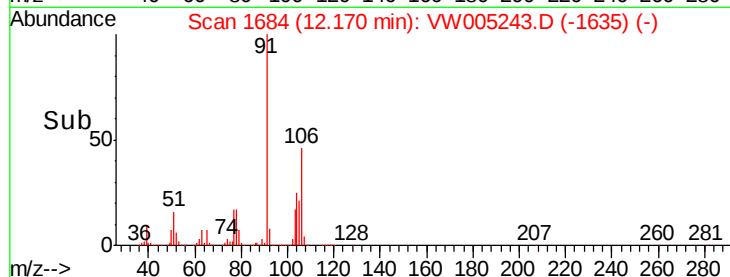
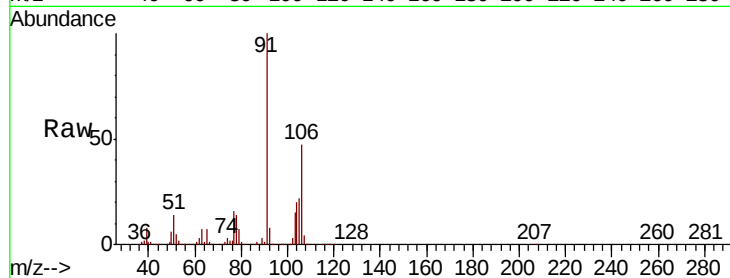
#69
o-Xylene
Concen: 73.44 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.2	104.1	312.3	

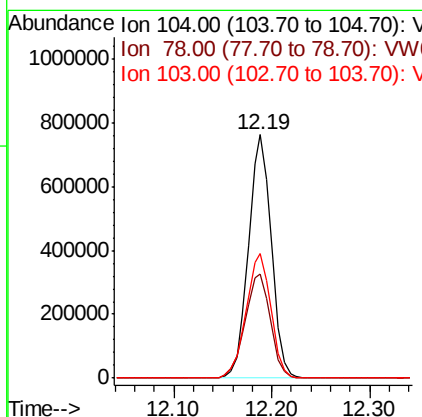
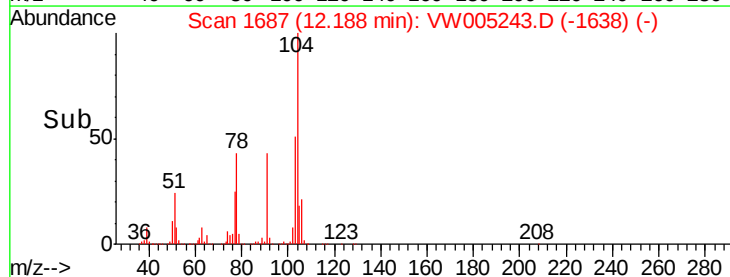
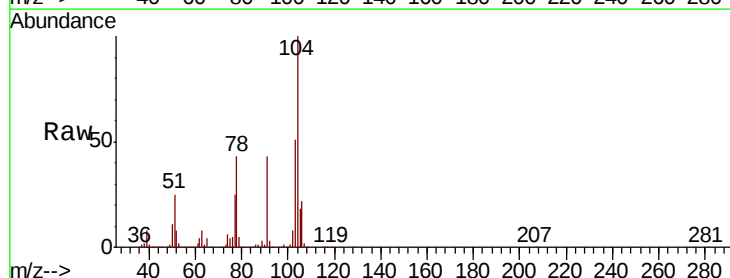
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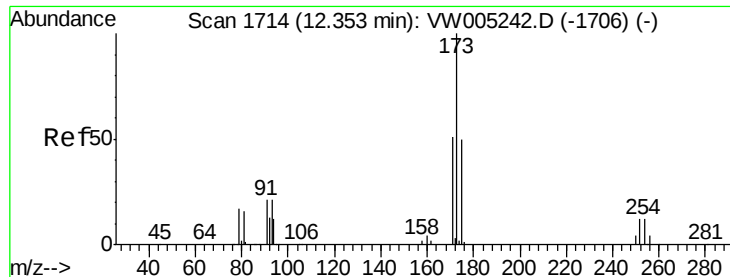
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#70
Styrene
Concen: 74.15 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.5	37.4	56.2	
103	55.4	44.1	66.1	





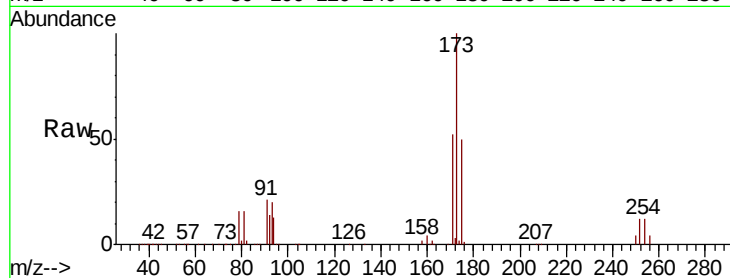
#71
Bromoform
Concen: 72.25 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

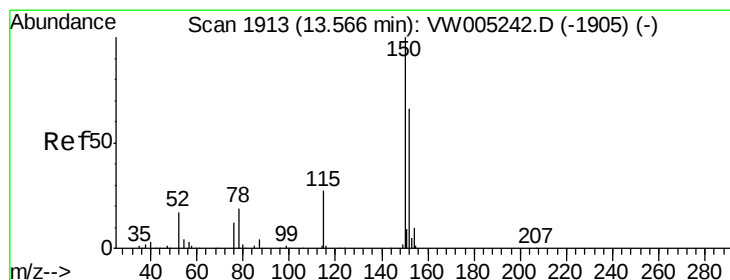
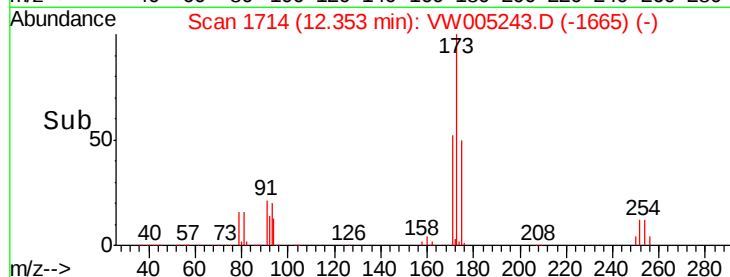
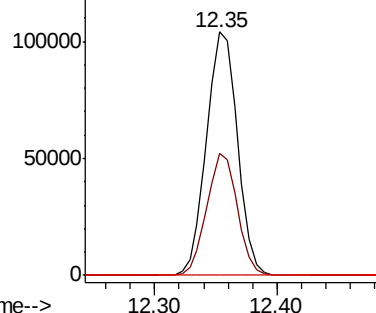
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1#

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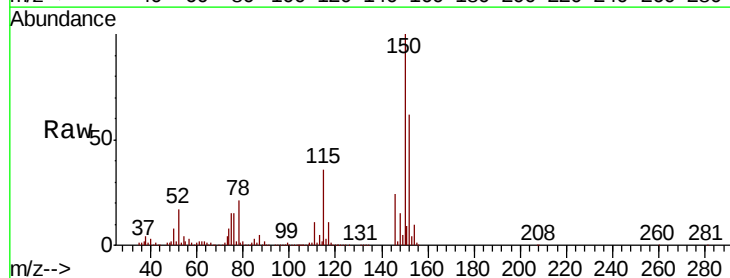


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

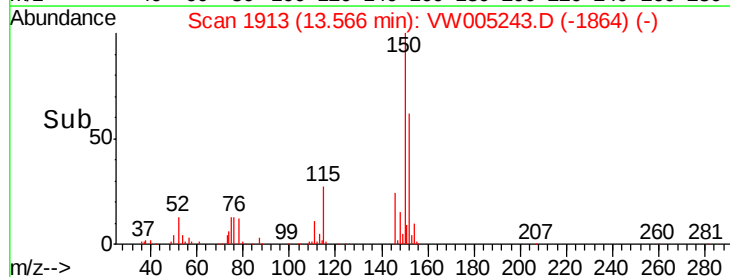
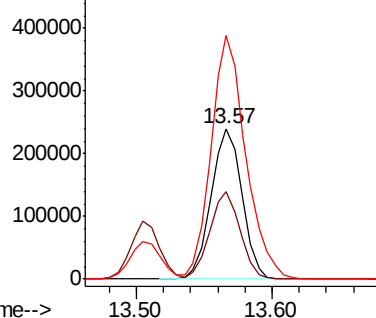


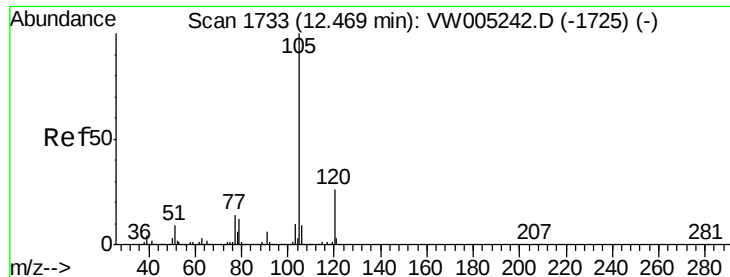
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.5	82.4
150	180.8	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 75.63 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 2029357

Ion Ratio Lower Upper

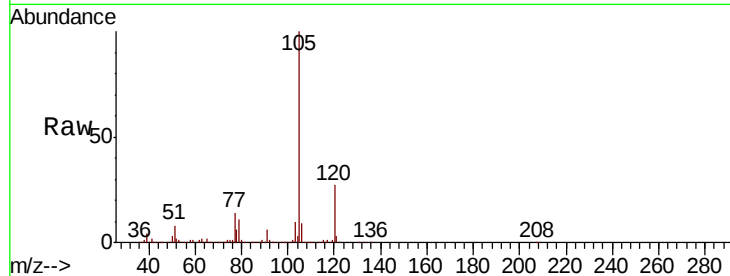
105 100

120 26.8 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

1200000

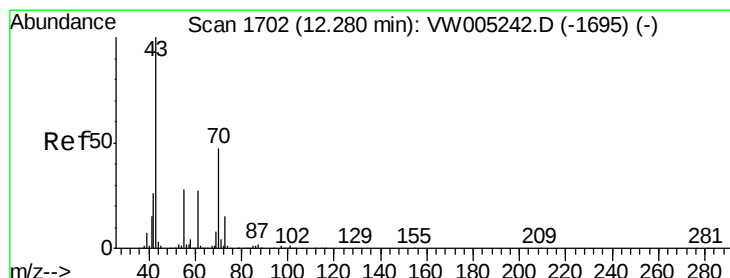
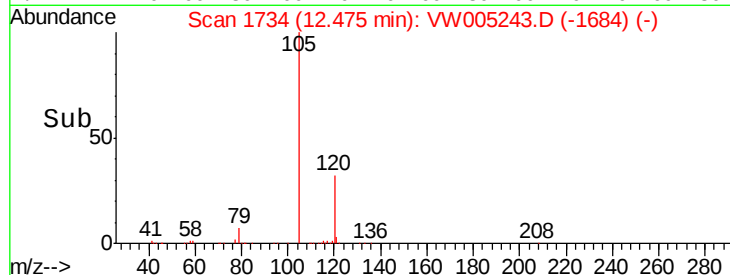
1000000

500000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 76.50 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion: 43 Resp: 390531

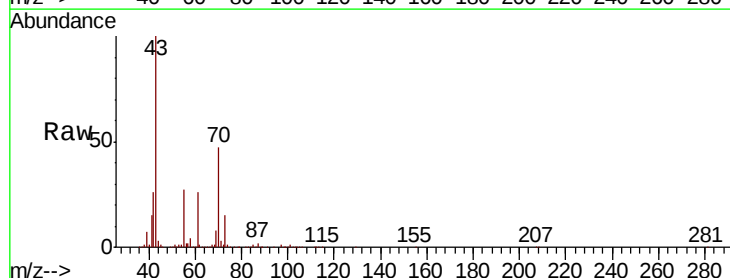
Ion Ratio Lower Upper

43 100

70 46.9 37.9 56.9

55 27.6 22.6 33.8

61 26.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

300000

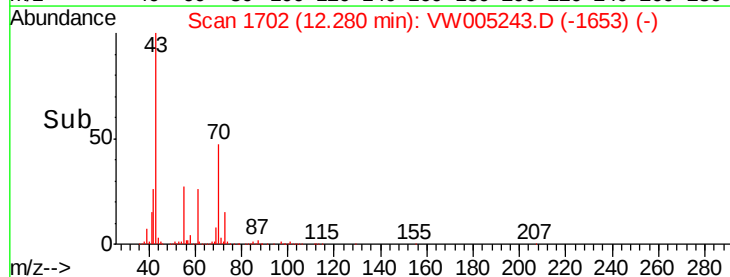
200000

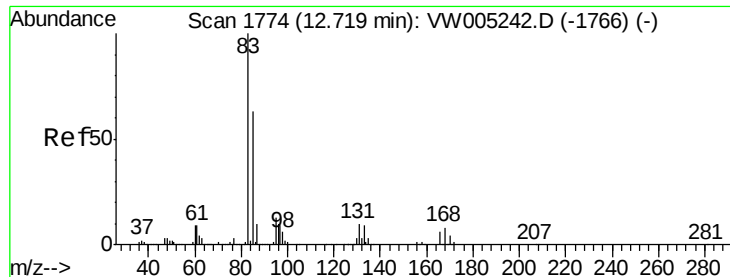
100000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 70.66 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

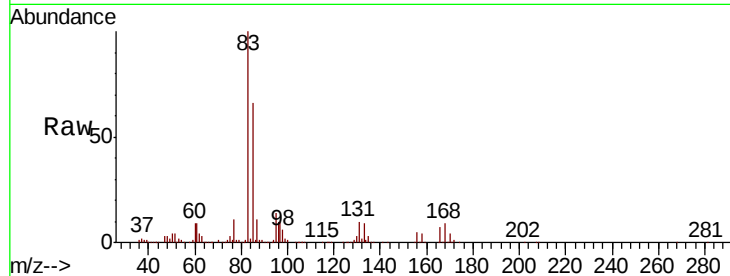
ClientSampled :

VSTDIC075

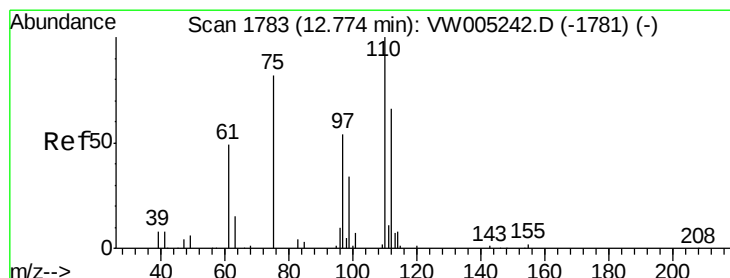
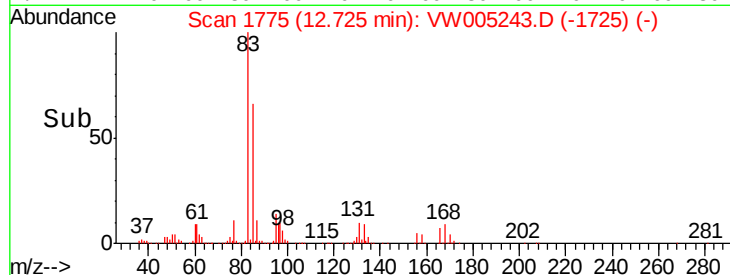
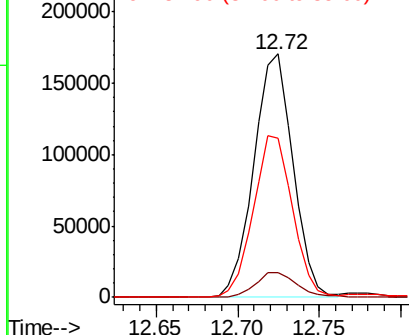
Tot Ion:	83	Resp:	284936
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	66.4	31.6	95.0

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



#76

1,2,3-Trichloropropane

Concen: 41.01 ug/l m

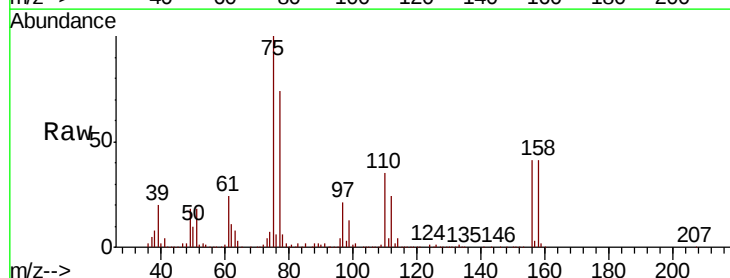
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

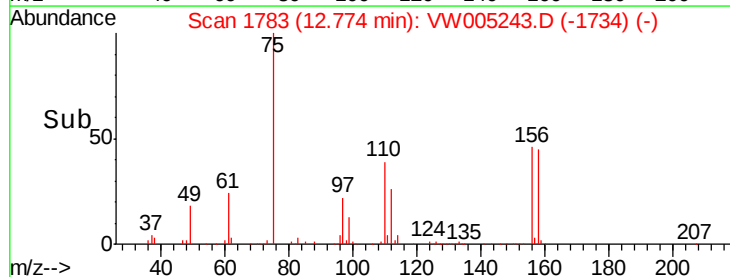
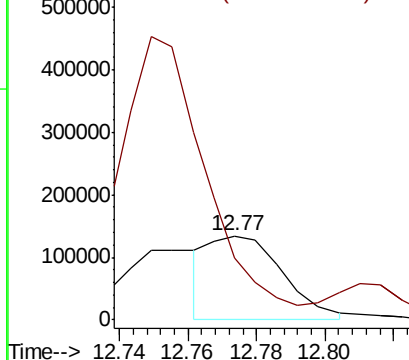
Lab File: VW005243.D

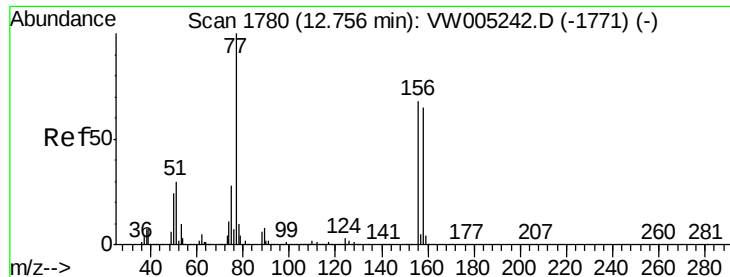
Acq: 10 Sep 2018 15:49

Tgt Ion:	75	Resp:	202283
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





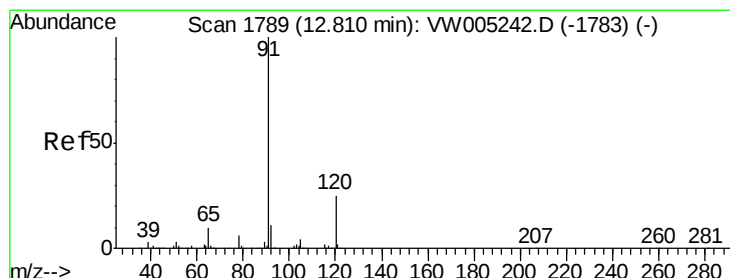
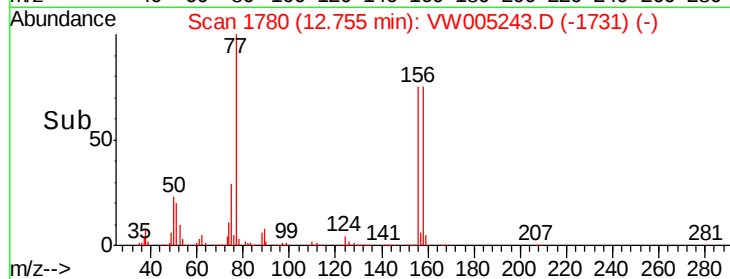
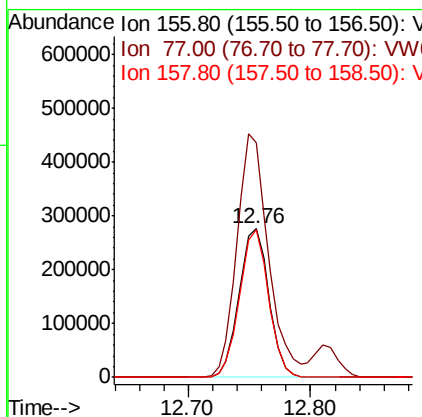
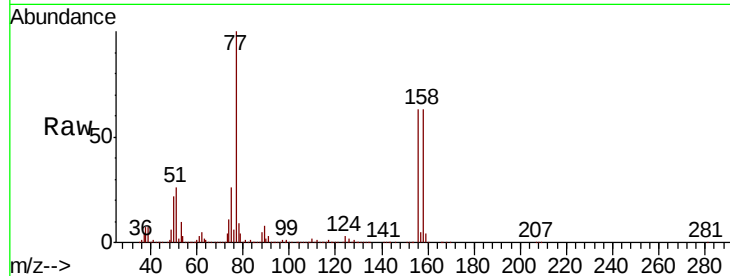
#77
Bromobenzene
Concen: 73.52 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	173.6	86.3	258.8
158	97.0	48.6	145.8

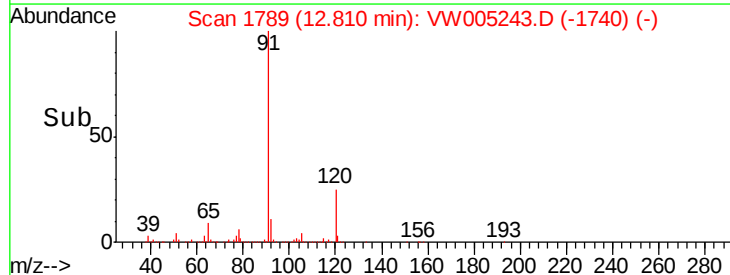
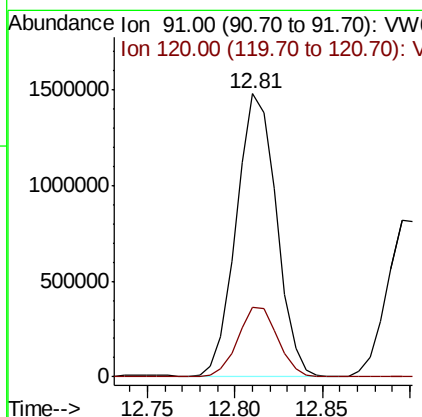
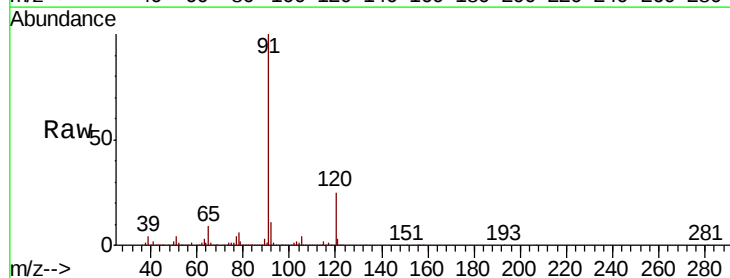
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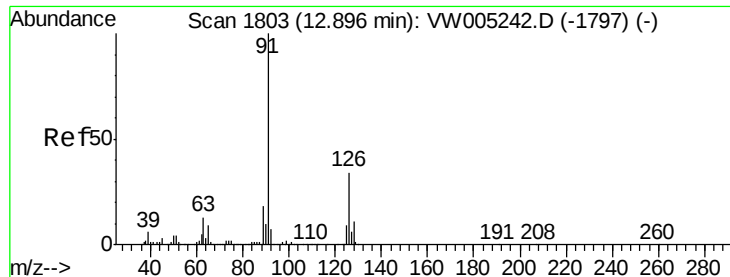
apatel
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#78
n-propylbenzene
Concen: 73.15 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 74.09 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 1369169

Ion Ratio Lower Upper

91 100

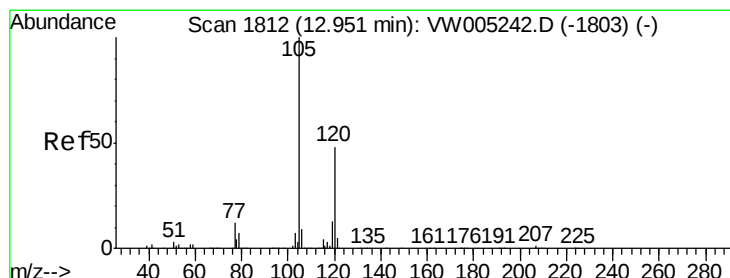
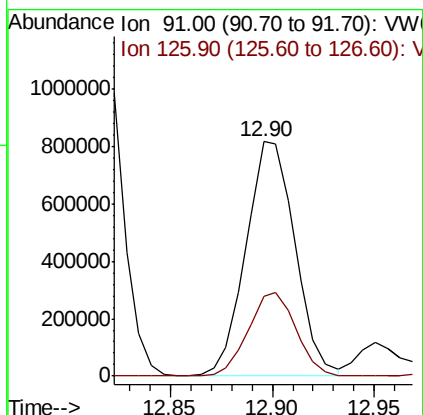
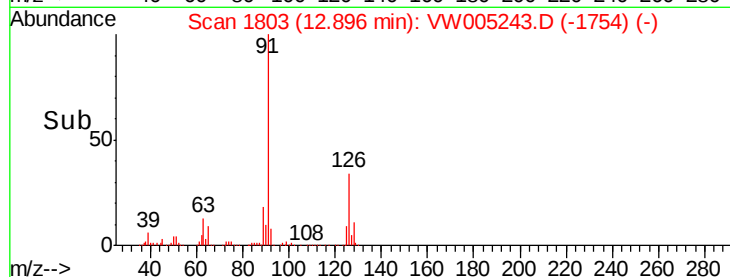
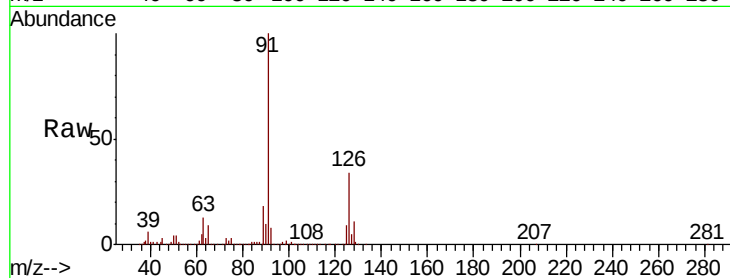
126 35.0 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 75.09 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005243.D

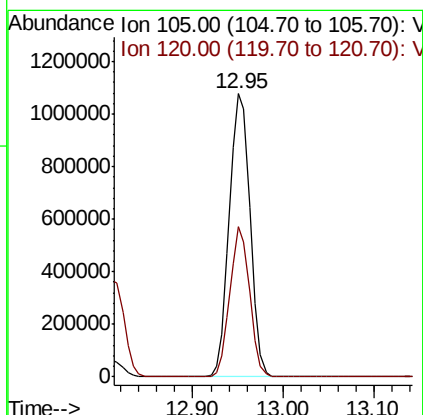
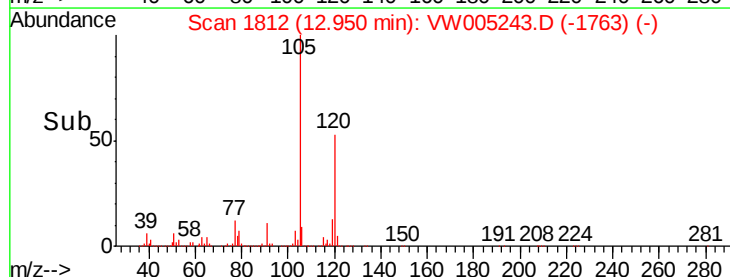
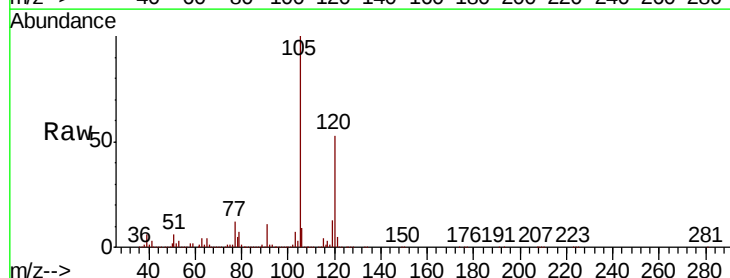
Acq: 10 Sep 2018 15:49

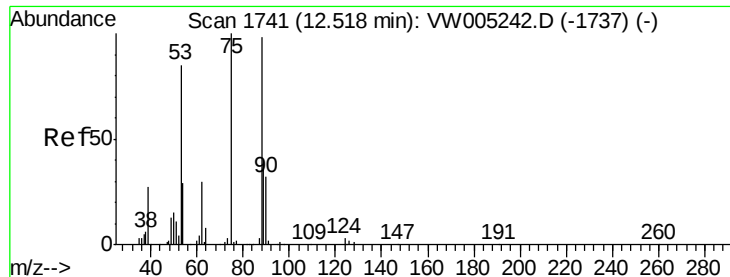
Tgt Ion:105 Resp: 1715746

Ion Ratio Lower Upper

105 100

120 50.4 24.4 73.4





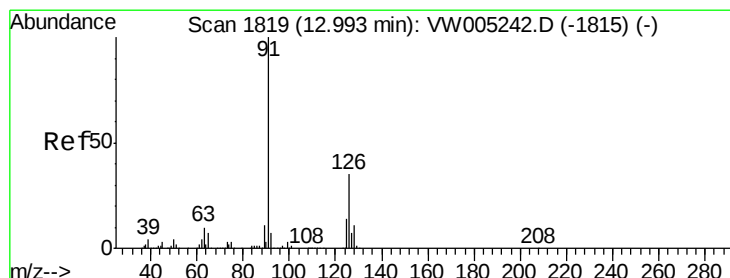
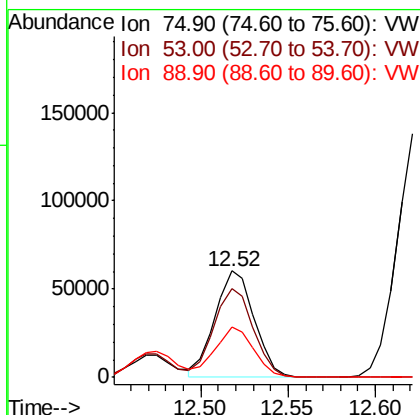
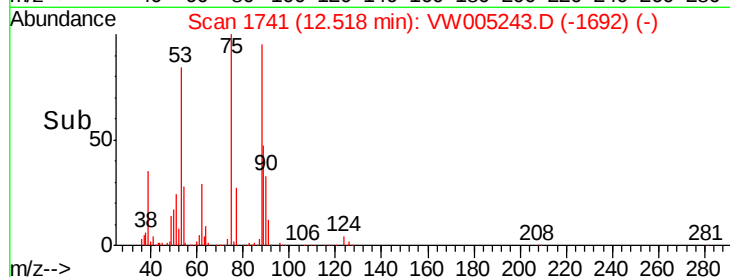
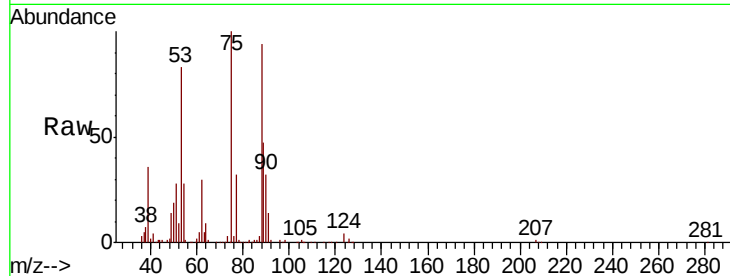
#81
trans-1,4-Dichloro-2-butene
Concen: 75.24 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.9	67.0	100.6
89	46.7	37.0	55.4

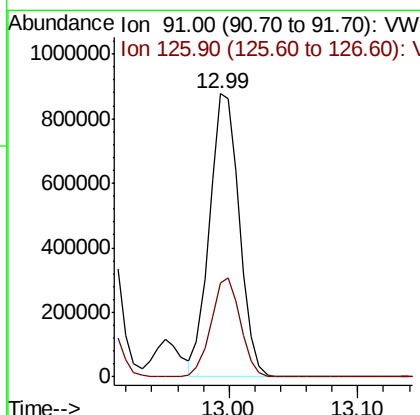
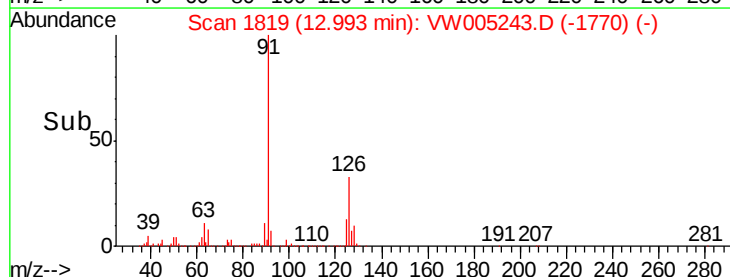
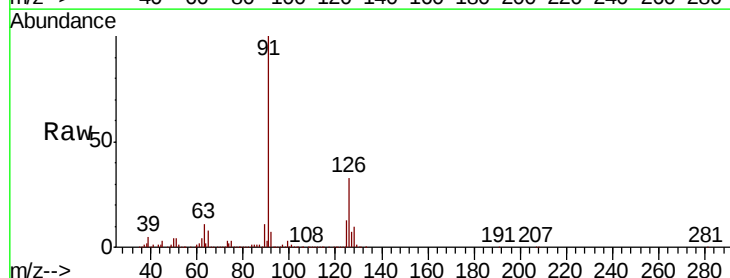
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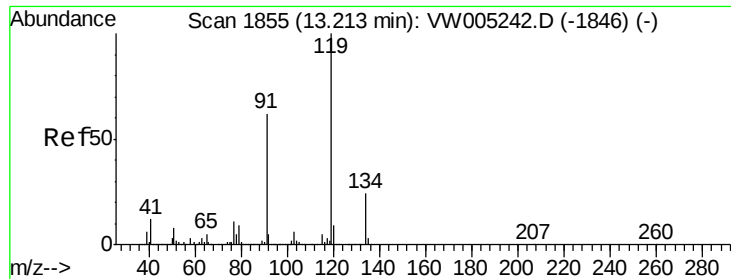
apatel
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#82
4-Chlorotoluene
Concen: 73.11 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.5	52.5





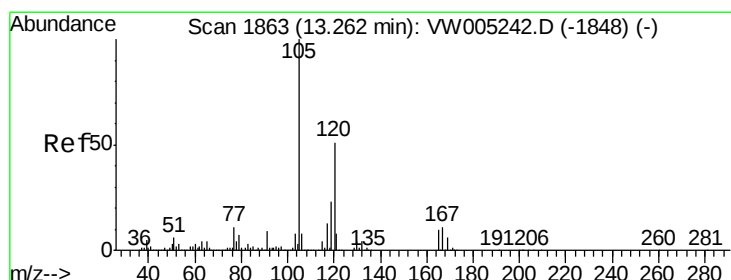
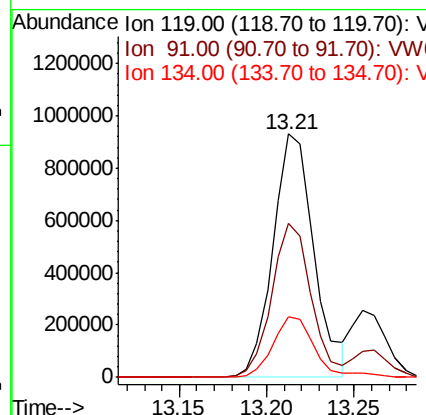
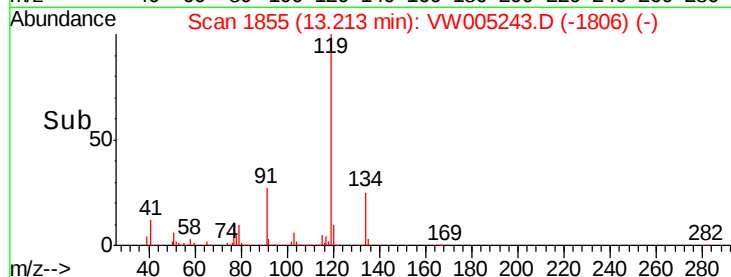
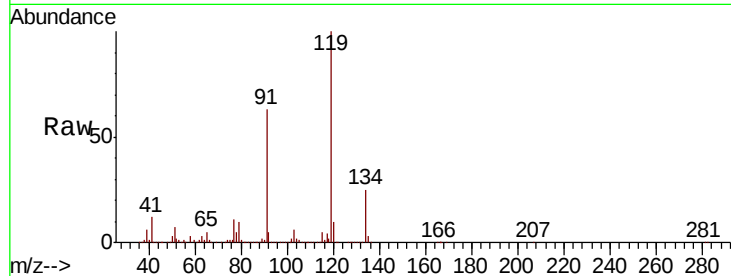
#83
tert-Butylbenzene
Concen: 76.16 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	31.7	95.1
134	25.6	13.0	38.9

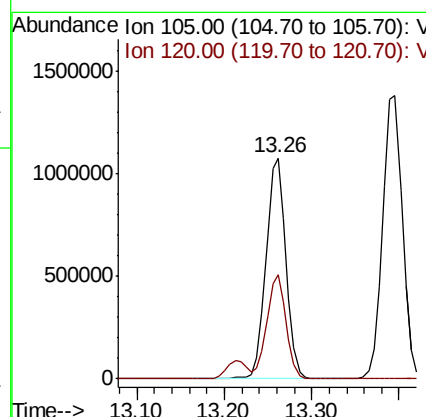
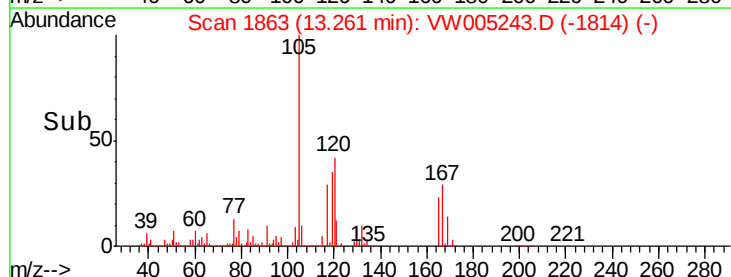
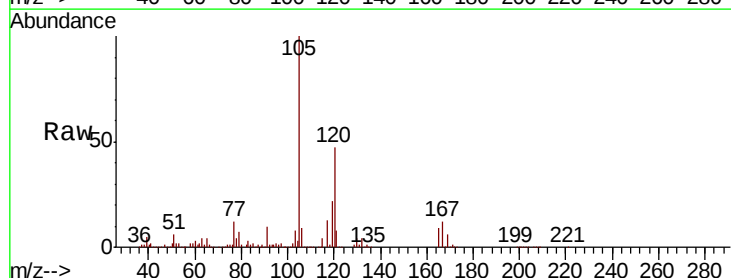
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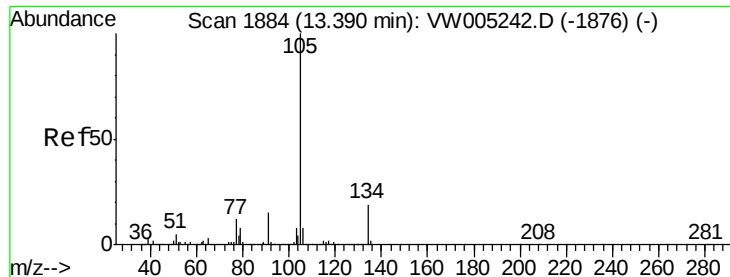
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 74.26 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.3





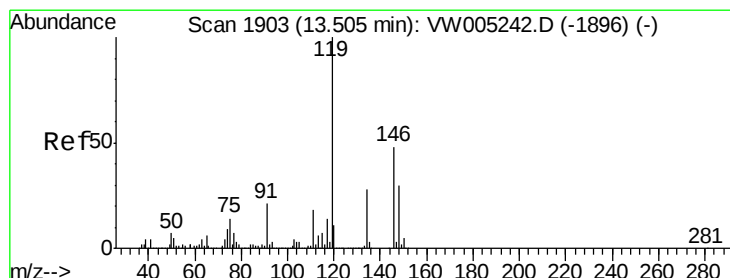
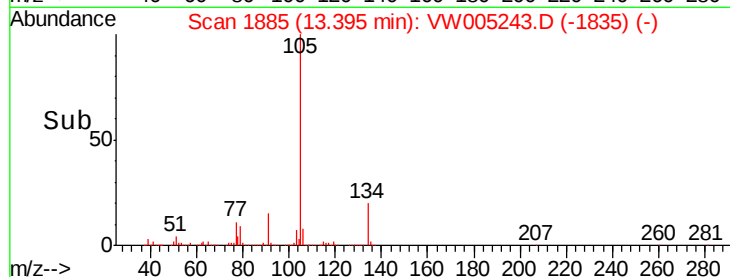
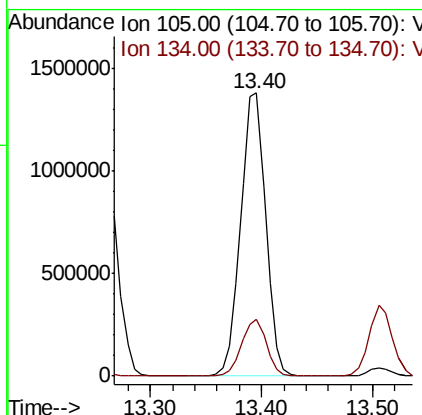
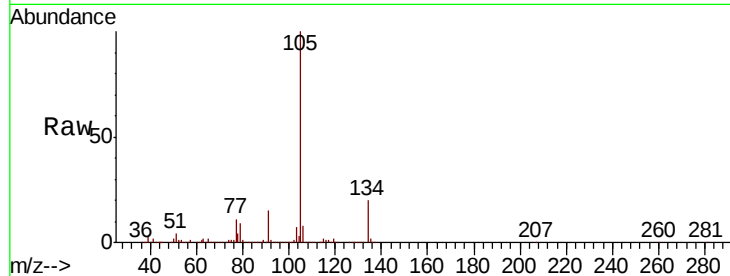
#85
 sec-Butylbenzene
 Concen: 75.02 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion:105 Resp: 2154465
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

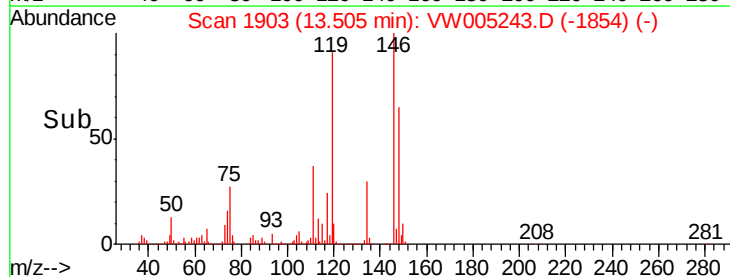
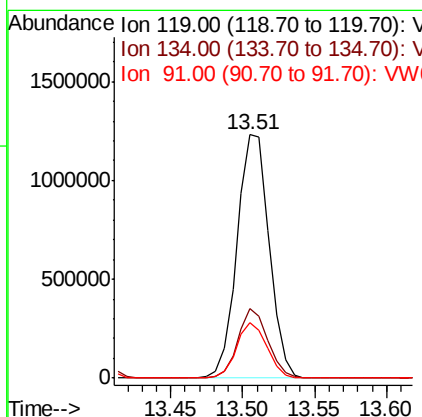
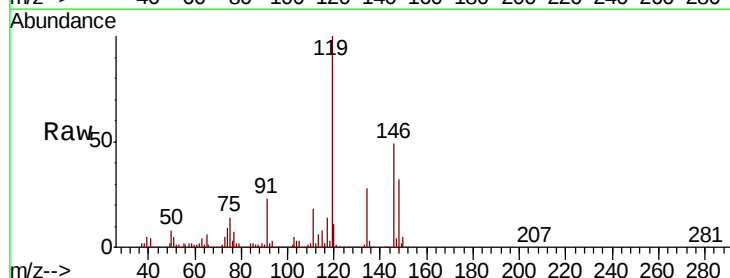
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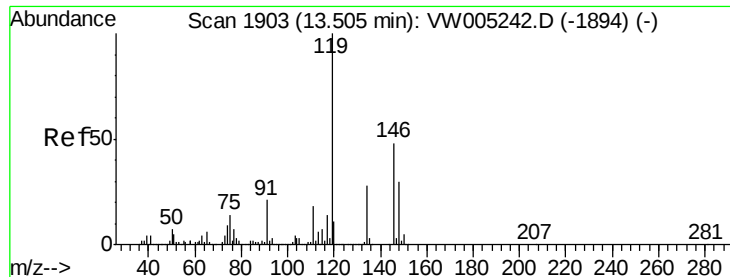
apatel
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#86
 p-Isopropyltoluene
 Concen: 74.73 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion:119 Resp: 1899977
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.7 10.7 32.1





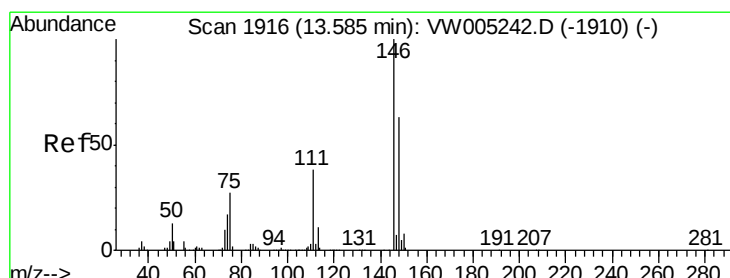
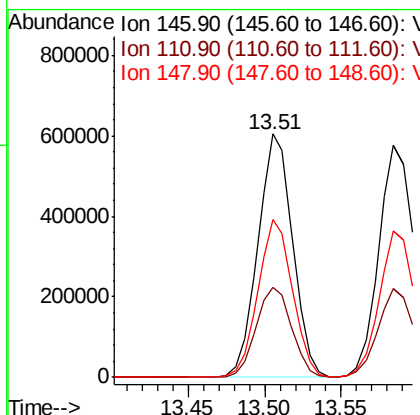
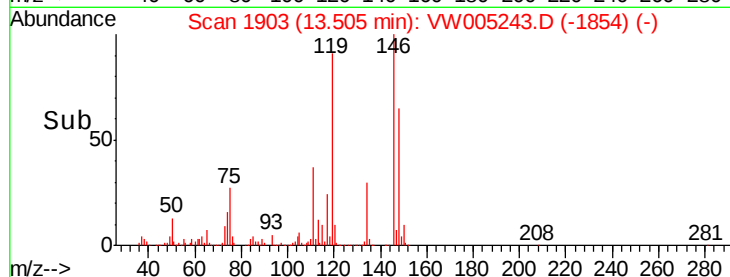
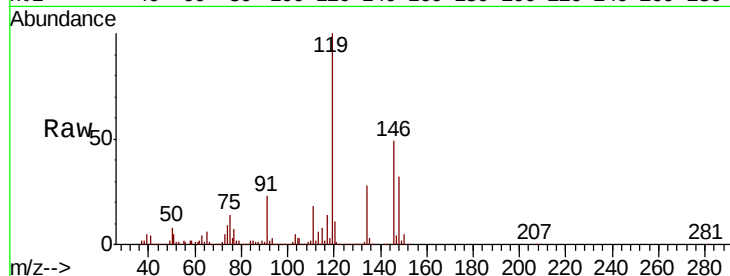
#87
 1,3-Dichlorobenzene
 Concen: 72.10 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
146	100	956978		
111	37.8	18.8	56.3	
148	64.5	31.6	94.8	

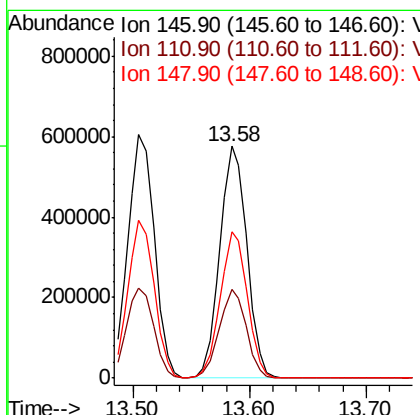
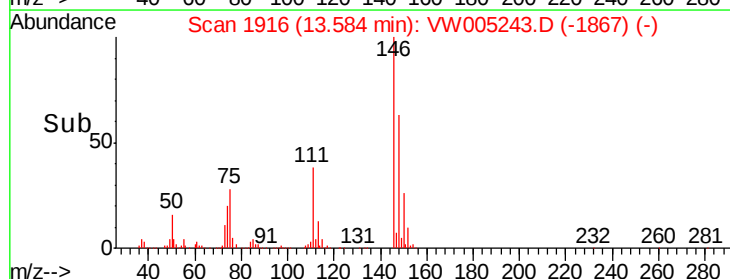
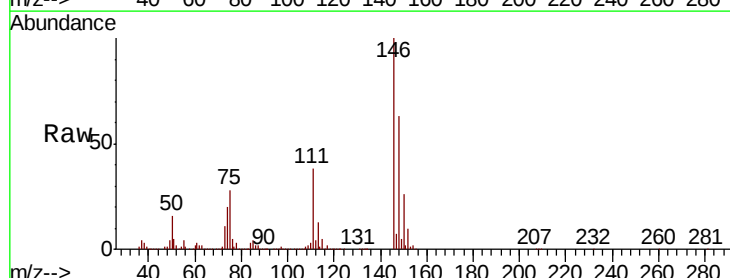
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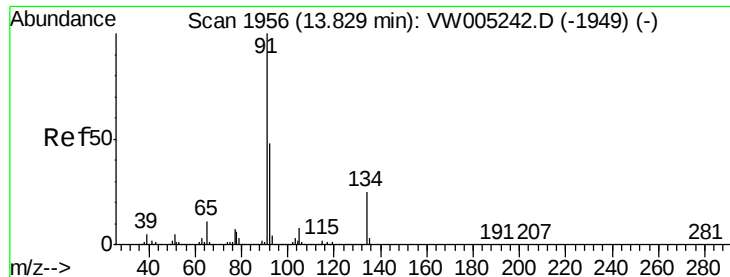
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#88
 1,4-Dichlorobenzene
 Concen: 70.82 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	923344		
111	38.3	19.1	57.3	
148	63.1	32.3	96.9	





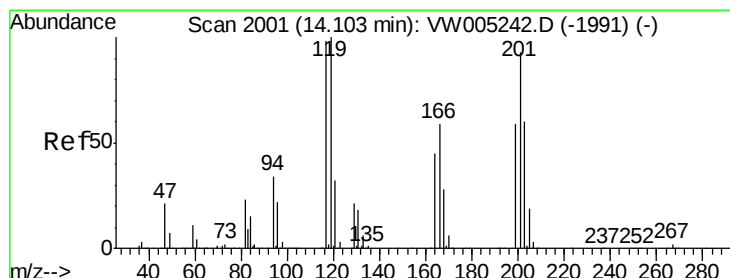
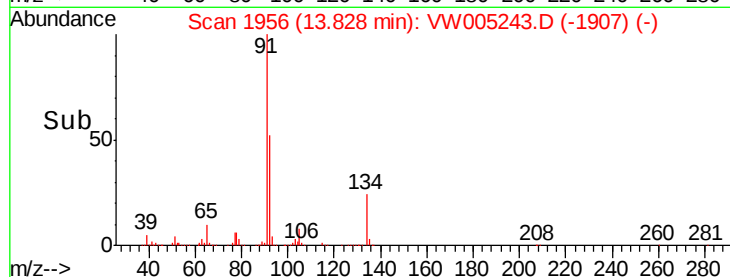
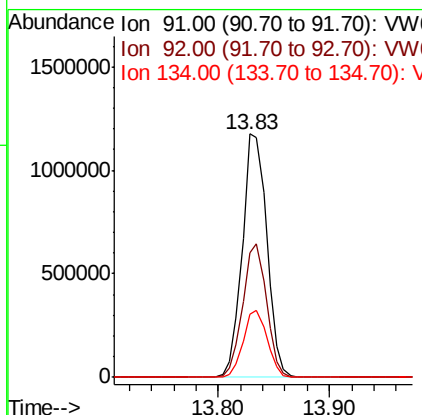
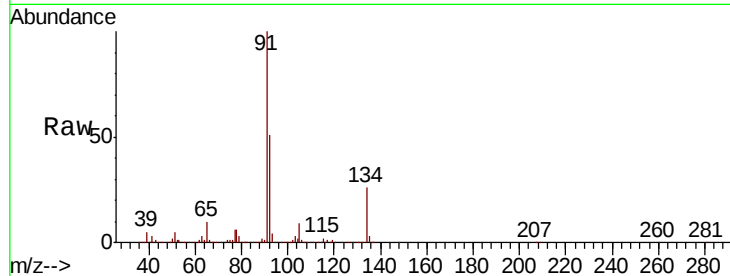
#89
n-Butylbenzene
Concen: 75.21 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	25.8	77.3
134	27.0	13.6	40.8

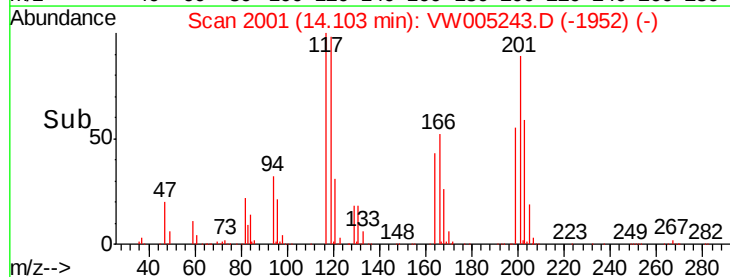
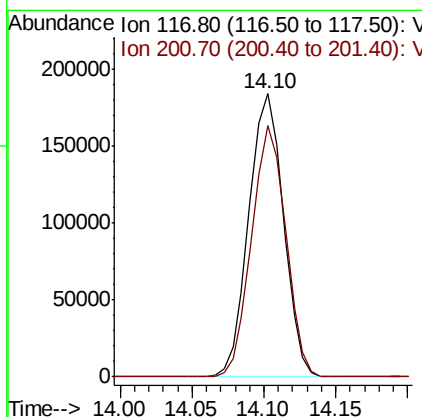
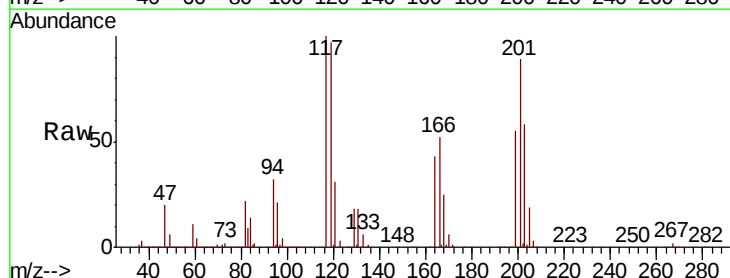
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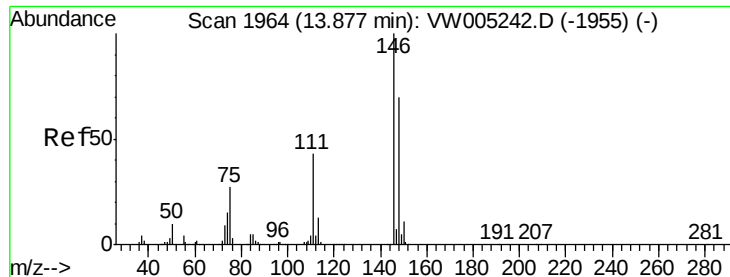
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#90
Hexachloroethane
Concen: 74.90 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.0	132.1





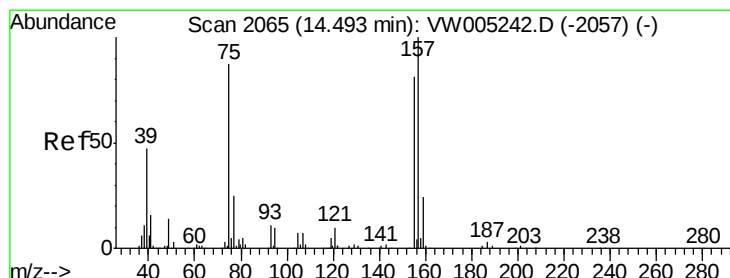
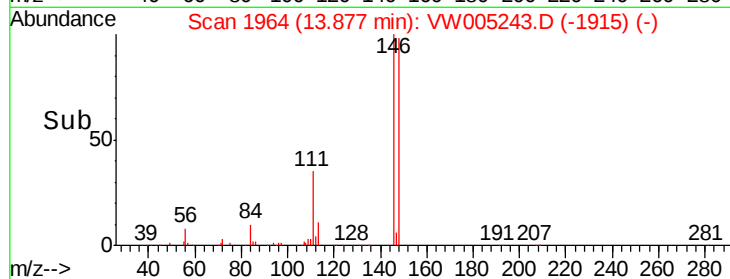
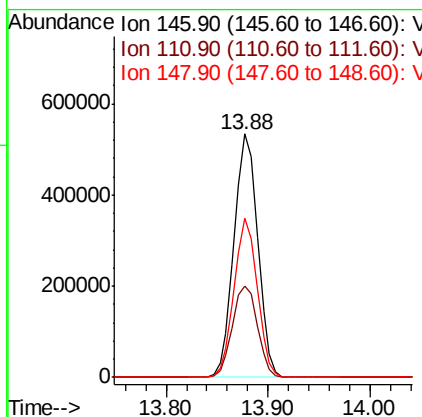
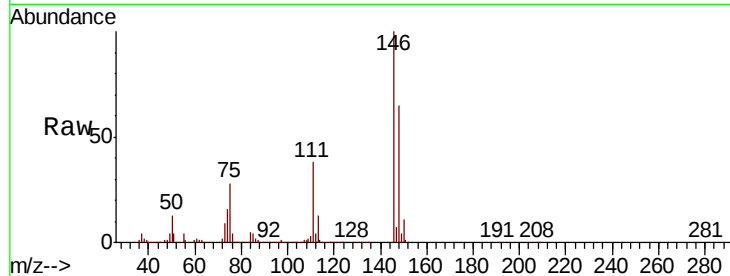
#91
 1,2-Dichlorobenzene
 Concen: 73.36 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.5	61.5
148	63.9	32.7	98.1

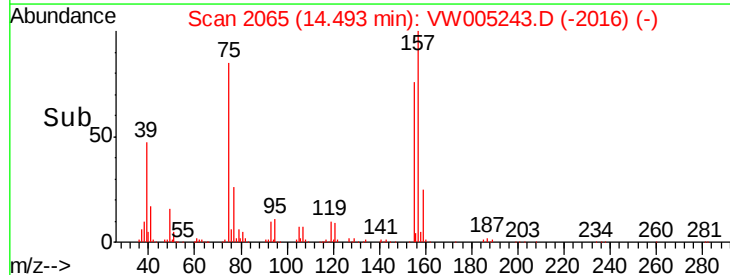
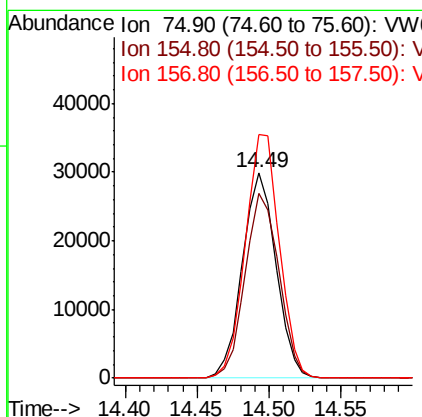
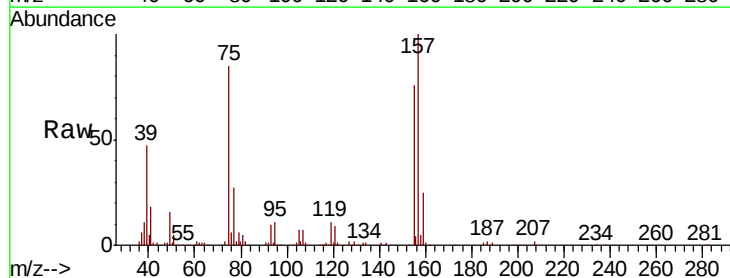
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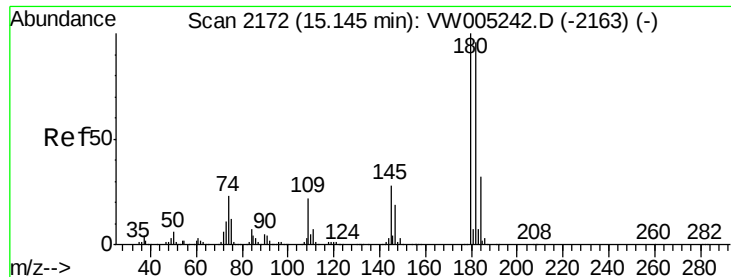
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 72.28 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	47.4	142.2
157	119.7	59.4	178.2





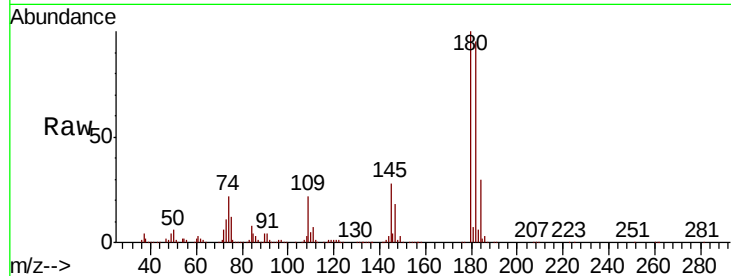
#93
 1,2,4-Trichlorobenzene
 Concen: 74.56 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	615330		
182	95.4	48.1	144.4	
145	28.7	14.5	43.6	

Manual Integrations
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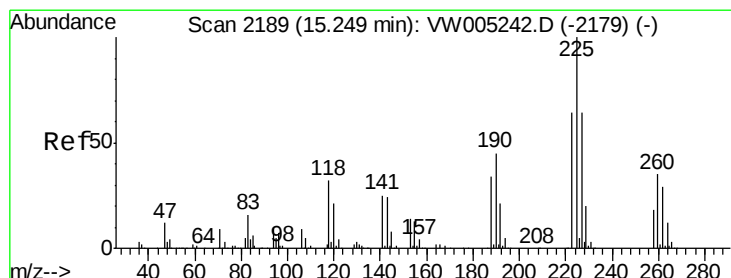
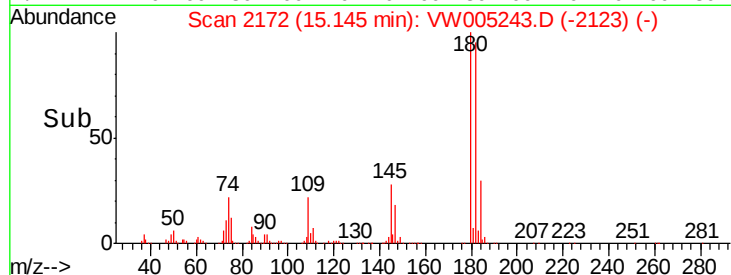
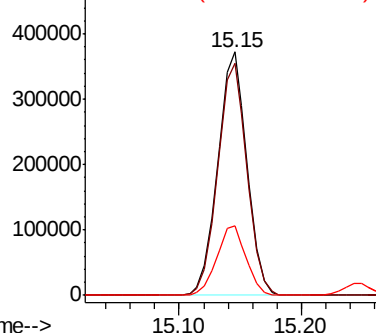


Abundance

Ion 179.80 (179.50 to 180.50): V

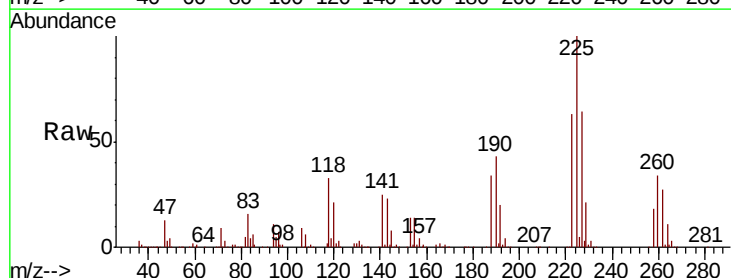
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 73.11 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	386378		
223	62.3	31.4	94.2	
227	63.6	32.0	96.0	

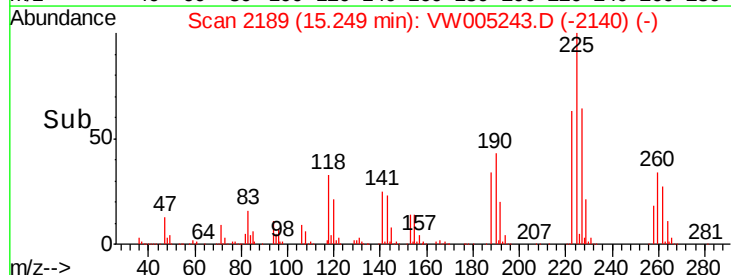
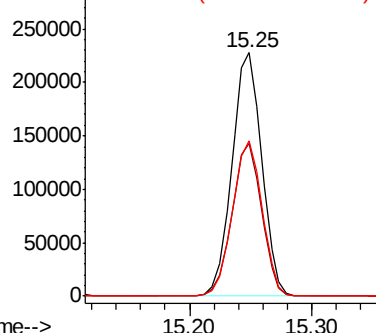


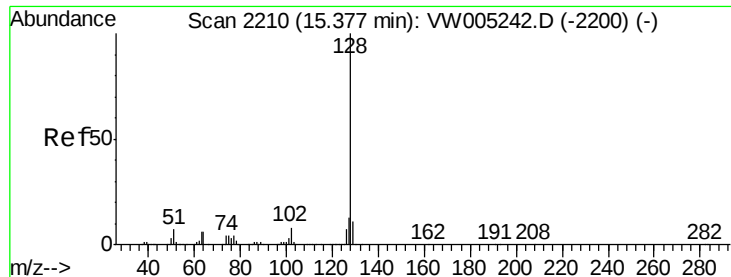
Abundance

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: 77.33 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

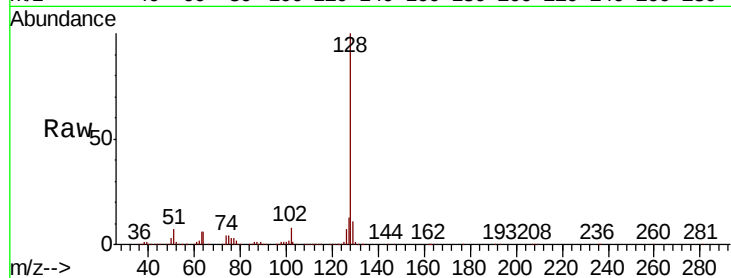
ClientSampleId :

VSTDIC075

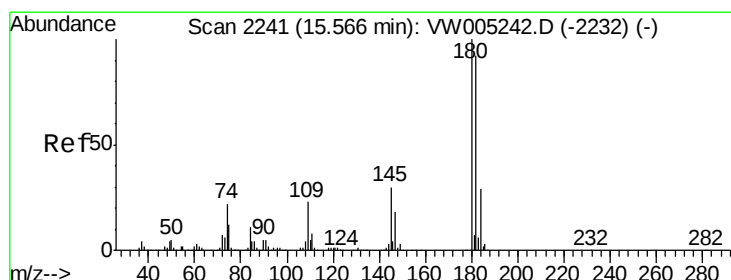
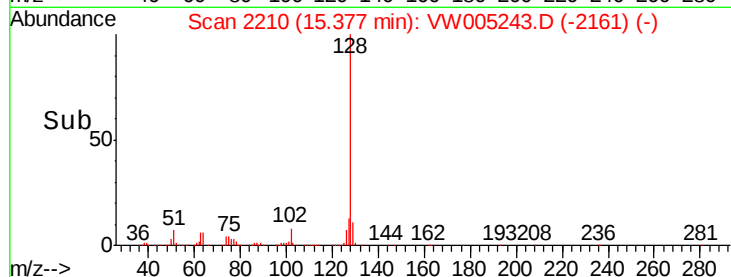
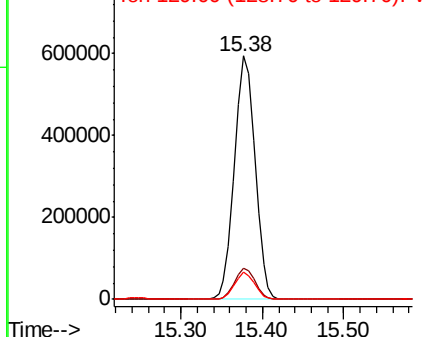
Tot Ion:	128	Resp:	1034725
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 73.43 ug/l

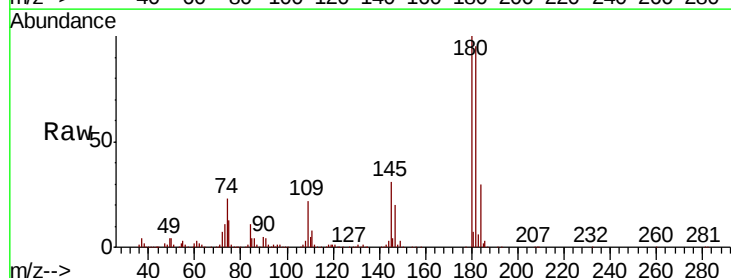
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion:	180	Resp:	521462
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.2	141.6
145	31.1	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

