

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005003.D
 Acq On : 29 Aug 2018 14:44
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 8/30/2018 12:43:48 PM

Quant Time: Aug 30 01:45:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	504548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	702731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	740933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	412366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	501689	145.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.72%	
35) Dibromofluoromethane	7.89	113	532611	152.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.90%	
50) Toluene-d8	10.33	98	2972800	155.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.98%	
62) 4-Bromofluorobenzene	12.62	95	1104056	158.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	577020	132.380	ug/l	98
3) Chloromethane	2.21	50	880636	142.257	ug/l	99
4) Vinyl Chloride	2.36	62	866056	140.157	ug/l	97
5) Bromomethane	2.74	94	552200	136.714	ug/l	96
6) Chloroethane	2.90	64	509242	139.367	ug/l	98
7) Trichlorofluoromethane	3.25	101	937390	146.718	ug/l	99
8) Diethyl Ether	3.68	74	277966	153.010	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	525349	133.220	ug/l	99
10) Methyl Iodide	4.27	142	940491	174.374	ug/l	99
11) Tert butyl alcohol	5.18	59	185918	902.475	ug/l	100
12) 1,1-Dichloroethene	4.04	96	537403	145.865	ug/l	99
13) Acrolein	3.90	56	250054	849.667	ug/l	100
14) Allyl chloride	4.67	41	892801	157.372	ug/l	98
15) Acrylonitrile	5.37	53	756149	816.200	ug/l	99
16) Acetone	4.13	43	613931	788.798	ug/l	98
17) Carbon Disulfide	4.38	76	2325176	150.145	ug/l	99
18) Methyl Acetate	4.68	43	288245	152.898	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1265893	159.889	ug/l	100
20) Methylene Chloride	4.92	84	772020	117.718	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	589510	147.362	ug/l	98
22) Diisopropyl ether	6.32	45	1872864	161.717	ug/l	97
23) Vinyl Acetate	6.26	43	4867964	822.141	ug/l	100
24) 1,1-Dichloroethane	6.22	63	1016179	145.020	ug/l	99
25) 2-Butanone	7.18	43	935060	770.413	ug/l	100
26) 2,2-Dichloropropane	7.17	77	821378	133.551	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	650980	149.588	ug/l	99
28) Bromochloromethane	7.52	49	459134	149.013	ug/l	99
29) Tetrahydrofuran	7.53	42	502512	819.593	ug/l	99
30) Chloroform	7.68	83	993944	144.214	ug/l	99
31) Cyclohexane	7.96	56	1052944	141.782	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	890749	140.460	ug/l	99
36) 1,1-Dichloropropene	8.09	75	879041	147.631	ug/l	100
37) Ethyl Acetate	7.26	43	330648	154.062	ug/l	100
38) Carbon Tetrachloride	8.07	117	806510	139.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1327234	161.698	ug/l	97
40) Benzene	8.33	78	2742822	143.910	ug/l	99
41) Methacrylonitrile	7.49	41	194094	155.188	ug/l	98
42) 1,2-Dichloroethane	8.41	62	597888	140.978	ug/l	99
43) Isopropyl Acetate	8.43	43	680367	159.317	ug/l	99
44) Trichloroethene	9.10	130	709387	145.719	ug/l	97
45) 1,2-Dichloropropane	9.37	63	641126	147.024	ug/l	100
46) Dibromomethane	9.46	93	297794	144.285	ug/l	99
47) Bromodichloromethane	9.65	83	747135	146.503	ug/l	99
48) Methyl methacrylate	9.44	41	387783	171.023	ug/l	99
49) 1,4-Dioxane	9.45	88	137127	3201.657	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	2567230	802.648	ug/l	99
52) Toluene	10.39	92	2121309	150.019	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	871550	160.022	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	989477	155.795	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	484953	143.553	ug/l	99
56) Ethyl methacrylate	10.65	69	752233	169.763	ug/l	99
57) 1,3-Dichloropropane	10.94	76	832765	149.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1634011	855.945	ug/l	99
59) 2-Hexanone	10.98	43	1874885	809.609	ug/l	100
60) Dibromochloromethane	11.13	129	573068	154.566	ug/l	99
61) 1,2-Dibromoethane	11.24	107	488162	154.136	ug/l	100
64) Tetrachloroethene	10.87	164	750662	138.957	ug/l	97
65) Chlorobenzene	11.66	112	2364324	145.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	677919	151.624	ug/l	99
67) Ethyl Benzene	11.74	91	4261092	152.871	ug/l	100
68) m/p-Xylenes	11.85	106	3462258	304.538	ug/l	99
69) o-Xylene	12.17	106	1636725	157.554	ug/l	99
70) Styrene	12.19	104	2726186	158.198	ug/l	99
71) Bromoform	12.35	173	386209	155.352	ug/l	100
73) Isopropylbenzene	12.47	105	4337308	157.782	ug/l	100
74) N-amyl acetate	12.28	43	865966	166.933	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	617814	148.438	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	419152m	81.429	ug/l	
77) Bromobenzene	12.76	156	1005811	149.128	ug/l	100
78) n-propylbenzene	12.81	91	5237934	154.476	ug/l	99
79) 2-Chlorotoluene	12.90	91	2972705	151.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3835741	157.934	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	208731	161.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	3110181	149.057	ug/l	100
83) tert-Butylbenzene	13.21	119	3218504	157.779	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	3903594	158.407	ug/l	99
85) sec-Butylbenzene	13.39	105	4607700	153.877	ug/l	100
86) p-Isopropyltoluene	13.51	119	4227930	157.600	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2072583	144.955	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	2048850	144.663	ug/l	100
89) n-Butylbenzene	13.83	91	4005221	159.040	ug/l	99
90) Hexachloroethane	14.10	117	641435	152.108	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1850004	146.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	116221	161.678	ug/l	99

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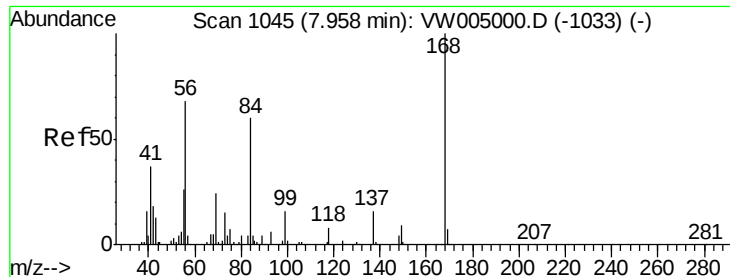
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1465587	166.210	ug/l	100
94) Hexachlorobutadiene	15.25	225	815229	147.699	ug/l	99
95) Naphthalene	15.38	128	2644706	182.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1290663	165.689	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 504548

Ion Ratio Lower Upper

168 100

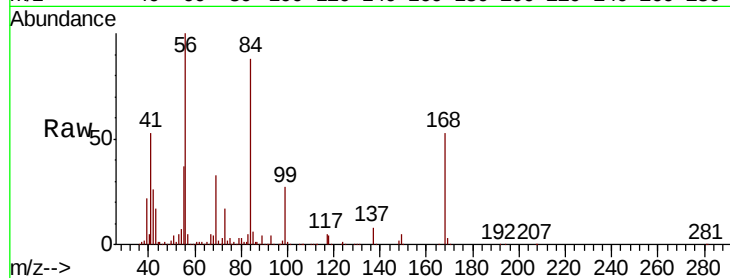
99 49.8 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

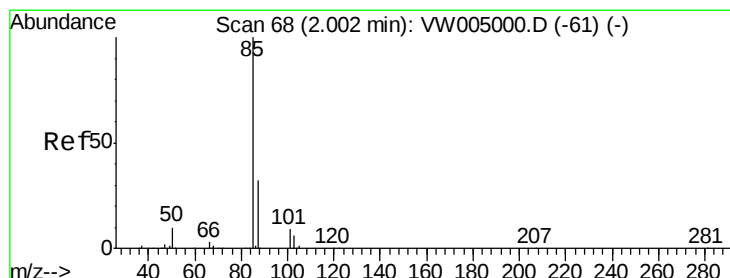
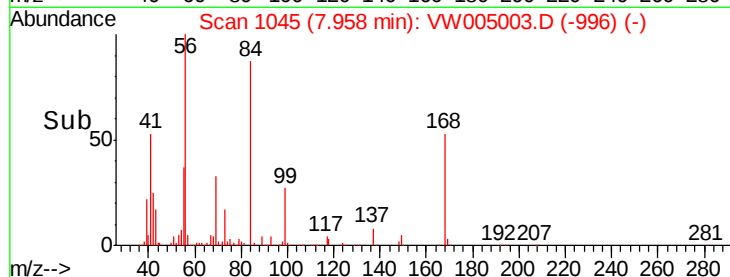
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 132.380 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW005003.D

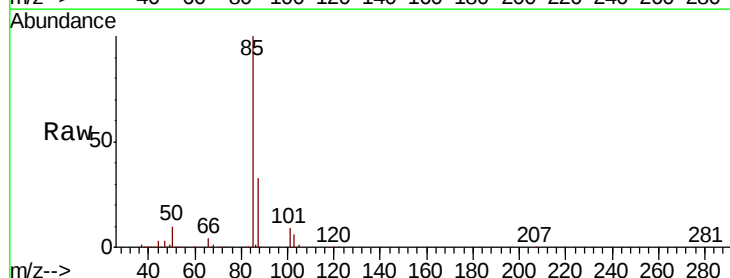
Acq: 29 Aug 2018 14:44

Tgt Ion: 85 Resp: 577020

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400000

300000

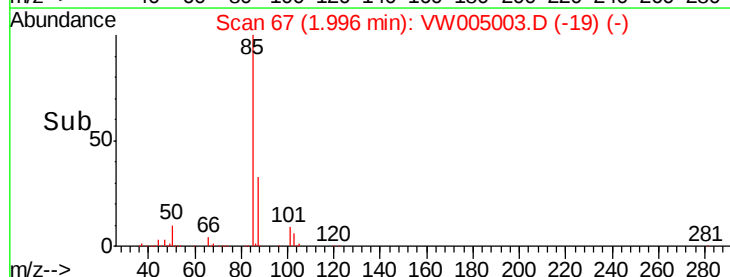
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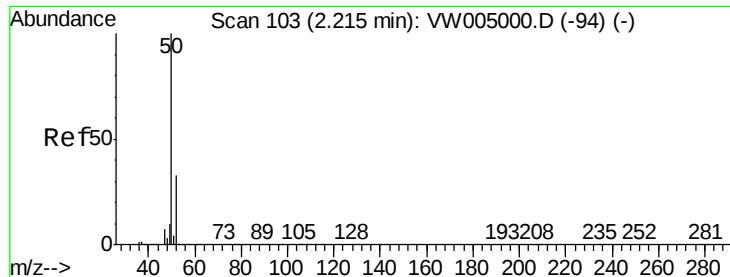
100000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 142.257 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 50 Resp: 880636

Ion Ratio Lower Upper

50 100

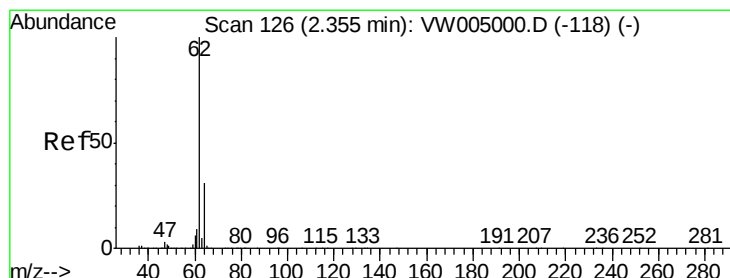
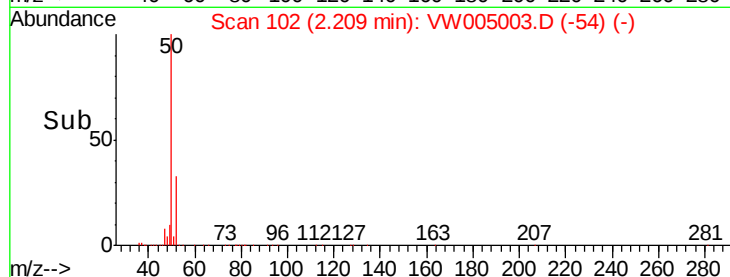
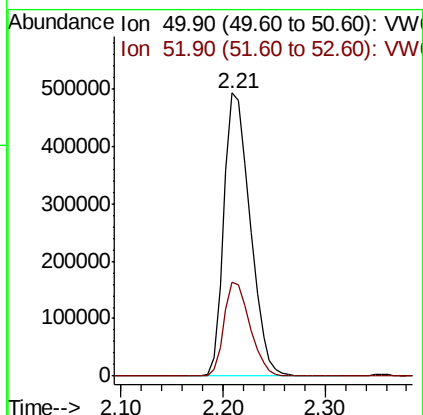
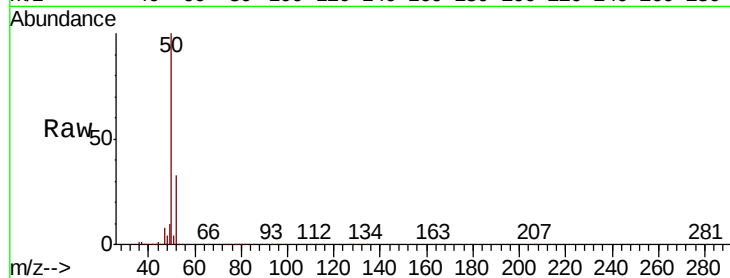
52 33.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 140.157 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005003.D

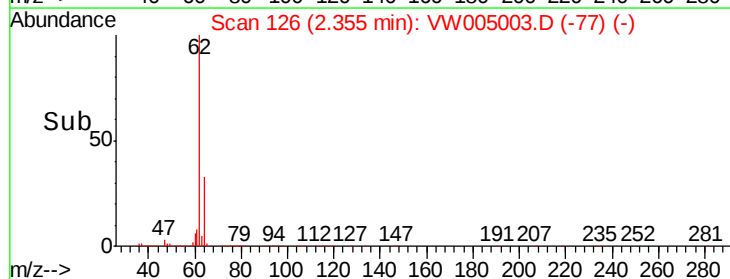
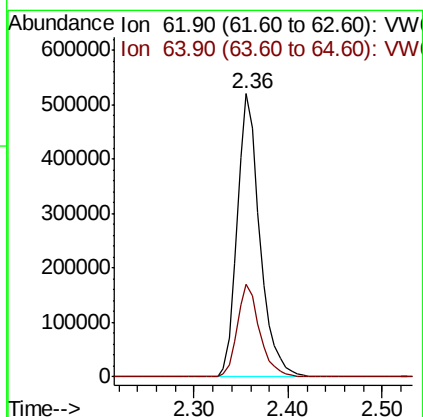
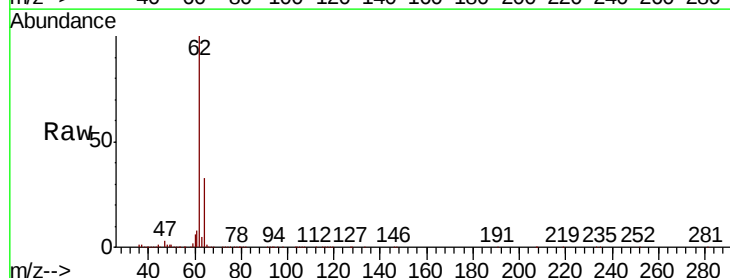
Acq: 29 Aug 2018 14:44

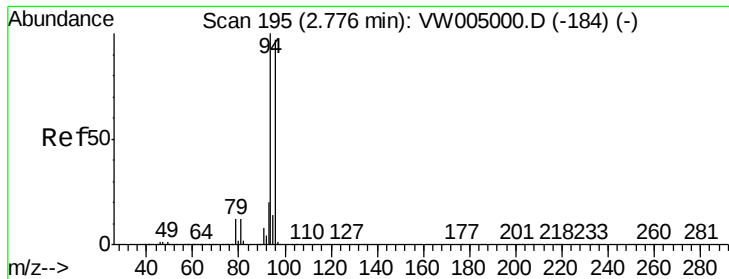
Tgt Ion: 62 Resp: 866056

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2





#5

Bromomethane

Concen: 136.714 ug/l

RT: 2.74 min Scan# 189

Delta R.T. -0.04 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tot Ion: 94 Resp: 552200

Ion Ratio Lower Upper

94 100

96 92.9 77.5 116.3

Instrument :

MSVOA_W

ClientSampleId :

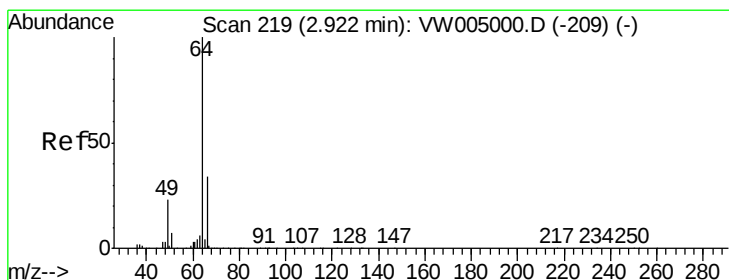
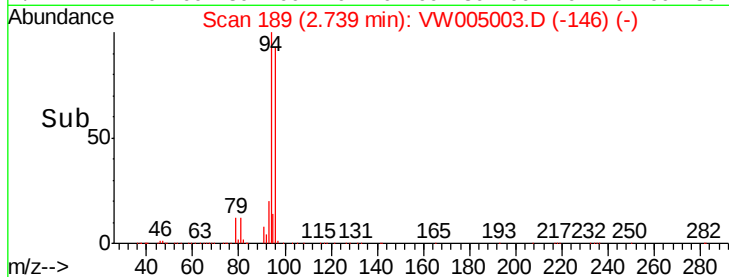
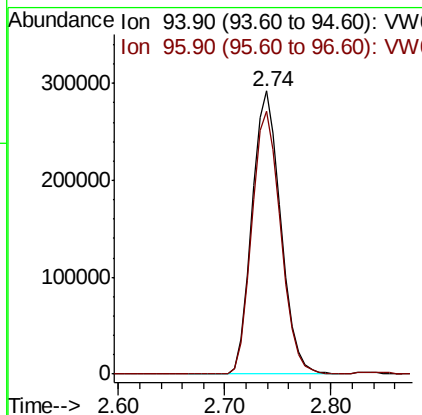
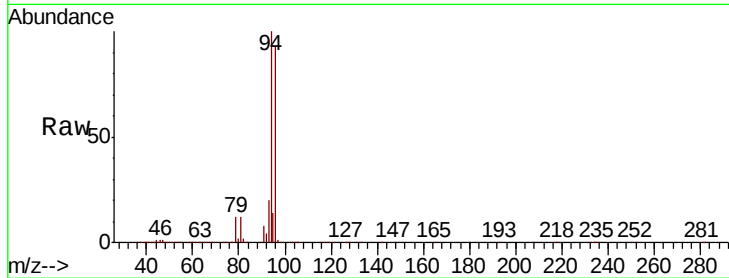
VSTDIC150

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#6

Chloroethane

Concen: 139.367 ug/l

RT: 2.90 min Scan# 216

Delta R.T. -0.02 min

Lab File: VW005003.D

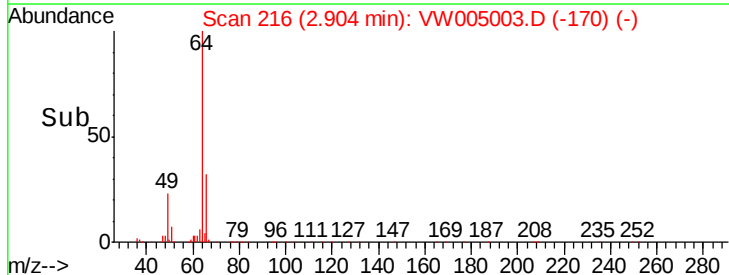
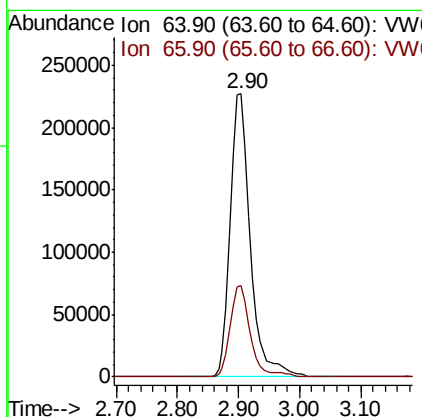
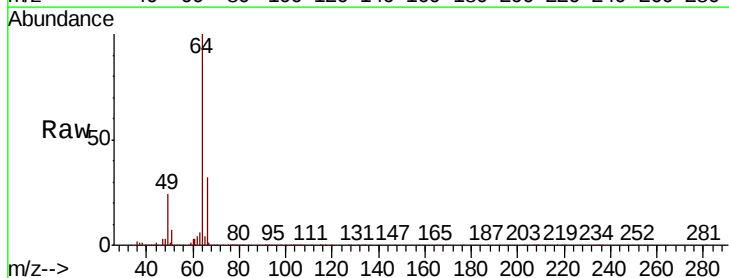
Acq: 29 Aug 2018 14:44

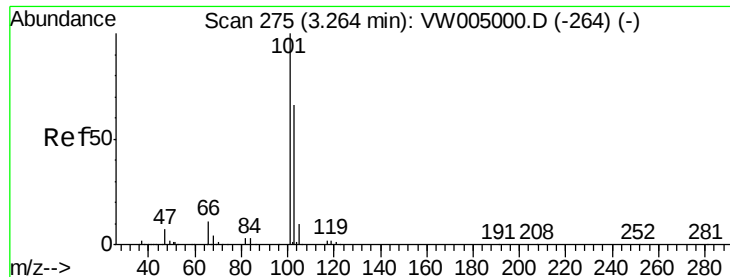
Tgt Ion: 64 Resp: 509242

Ion Ratio Lower Upper

64 100

66 32.3 26.8 40.2





#7

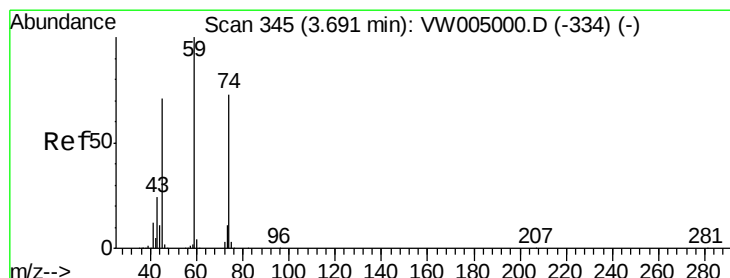
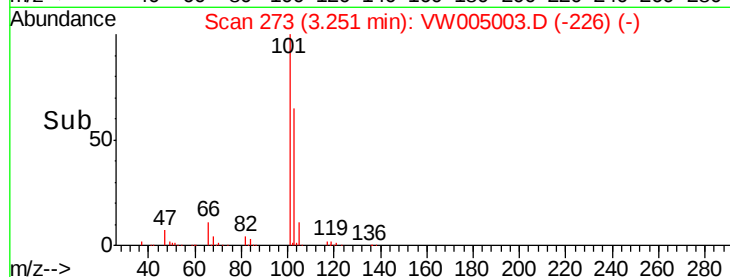
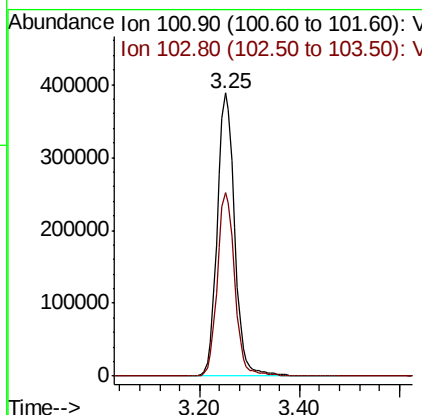
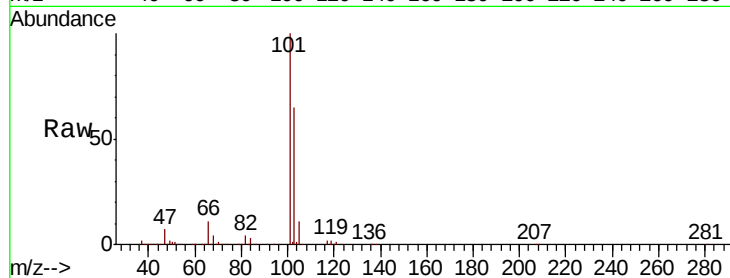
Trichlorofluoromethane
Concen: 146.718 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

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MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.6	78.8

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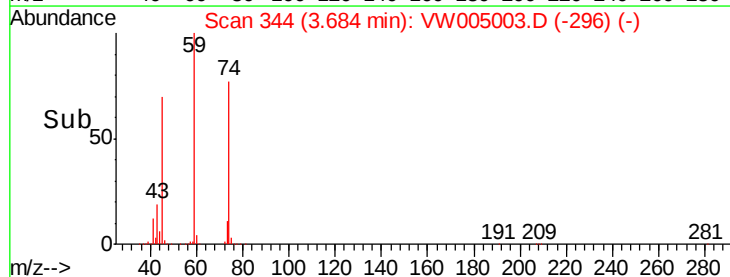
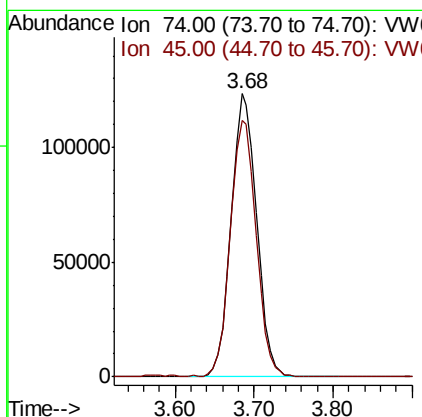
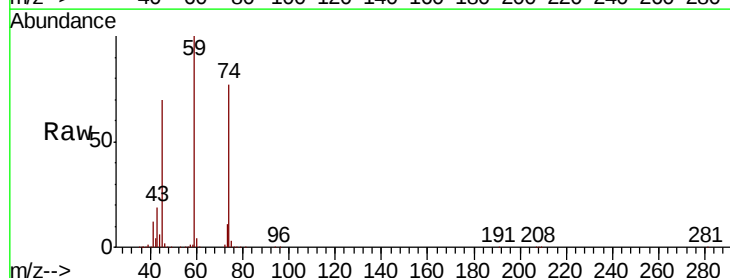
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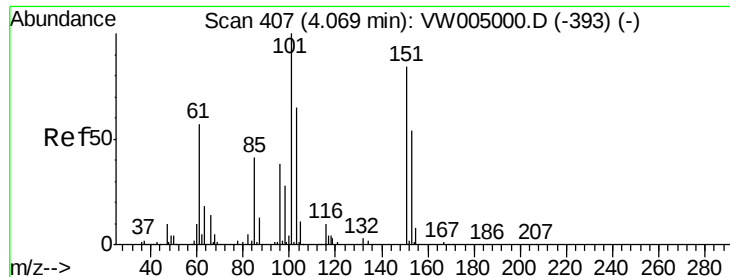


#8

Diethyl Ether
Concen: 153.010 ug/l
RT: 3.68 min Scan# 344
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.7	47.8	143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 133.220 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

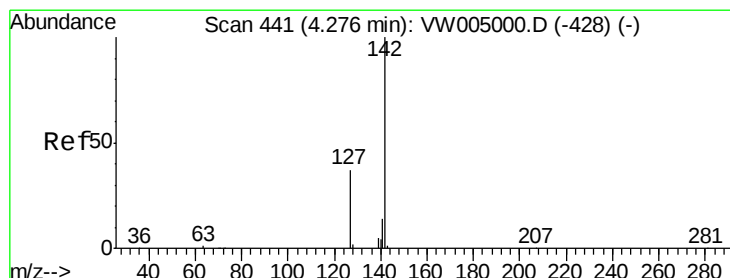
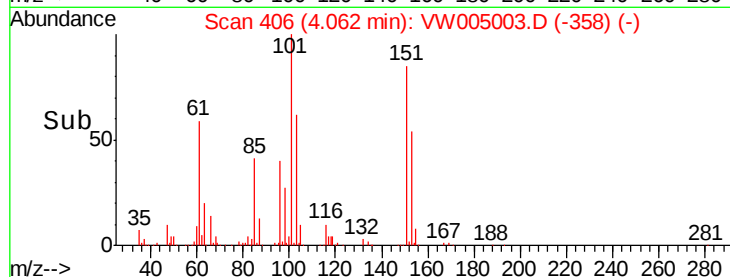
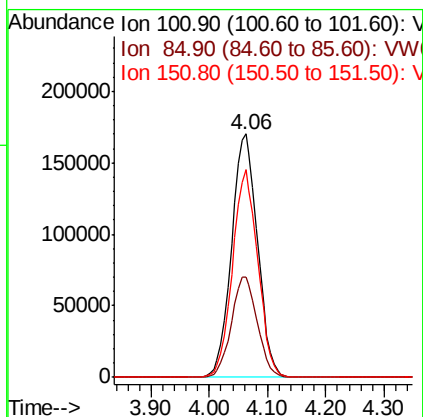
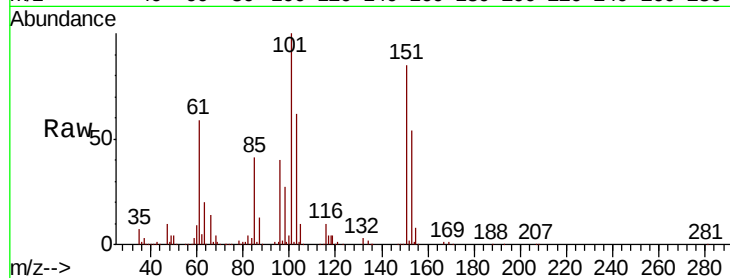
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	525349
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.4	50.0
151	83.2	67.0	100.4

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#10

Methyl Iodide

Concen: 174.374 ug/l

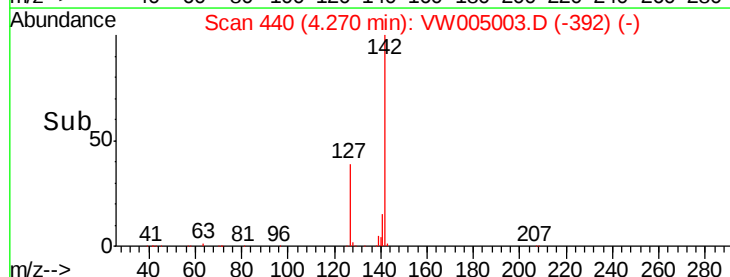
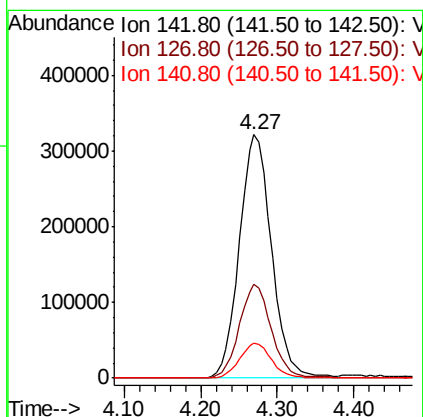
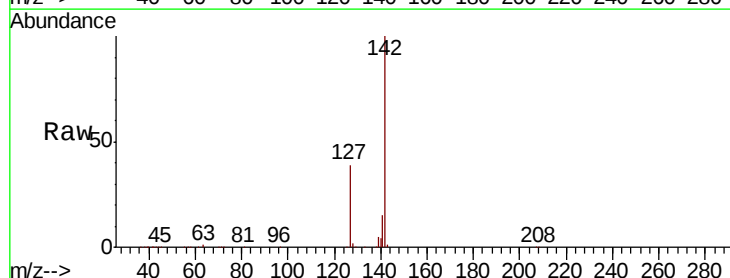
RT: 4.27 min Scan# 440

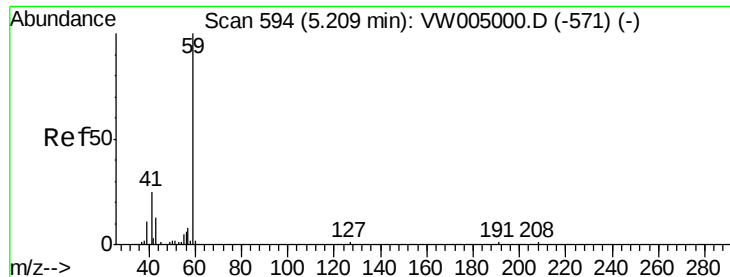
Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	142	Resp:	940491
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.1	46.7
141	14.3	11.4	17.2





#11

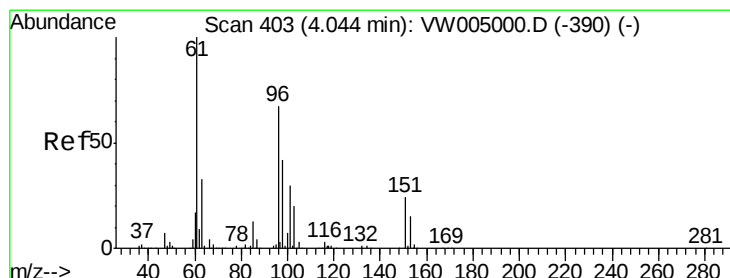
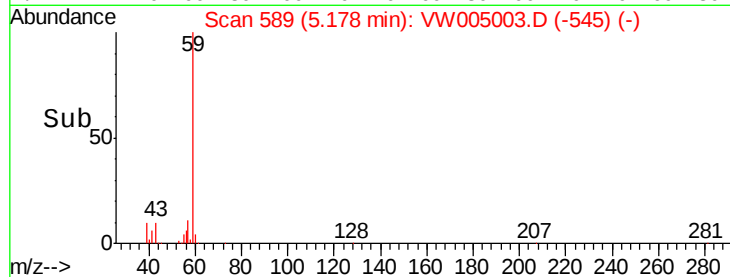
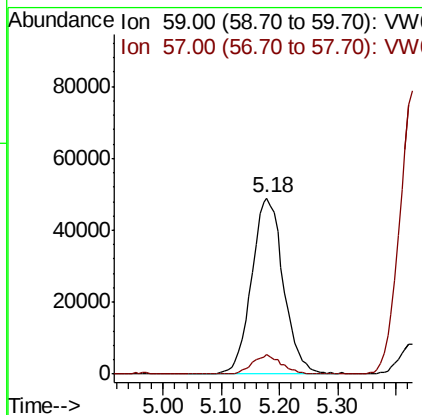
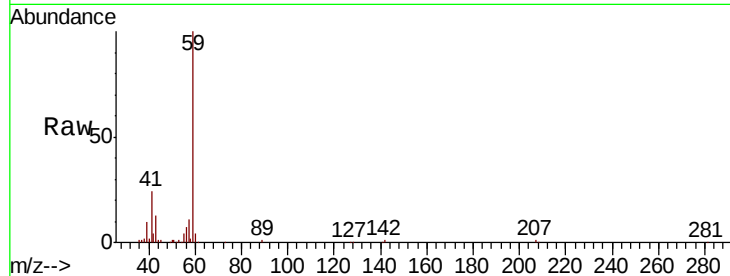
Tert butyl alcohol
Concen: 902.475 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.03 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	59	Resp	185918
Ion Ratio	100	Lower	Upper
57	10.2	8.1	12.1

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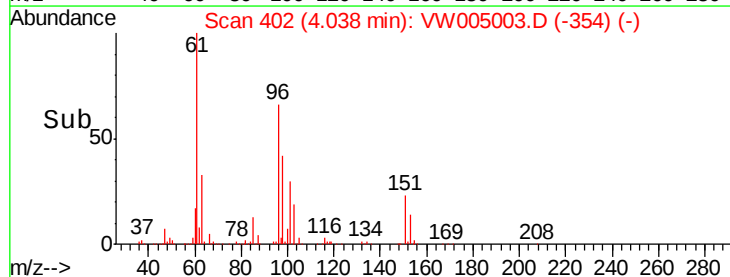
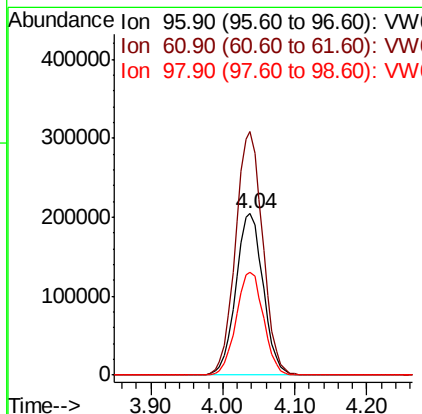
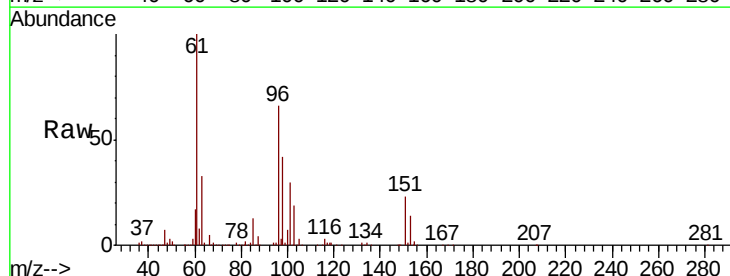
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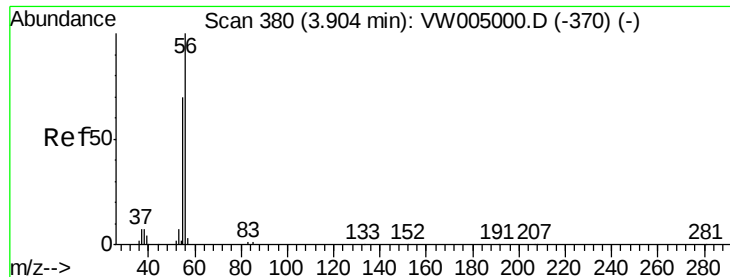


#12

1,1-Dichloroethene
Concen: 145.865 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	96	Resp	537403
Ion Ratio	100	Lower	Upper
61	150.9	119.5	179.3
98	64.0	50.4	75.6





#13

Acrolein

Concen: 849.667 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 250054

Ion Ratio Lower Upper

56 100

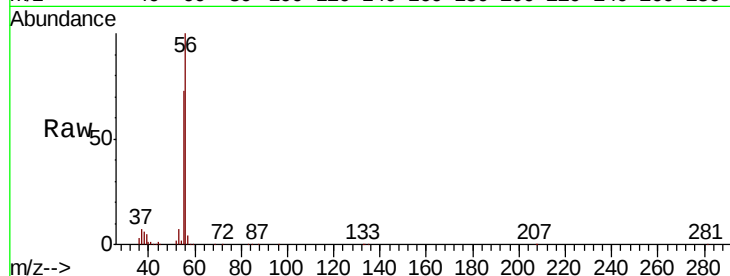
55 70.8 56.4 84.6

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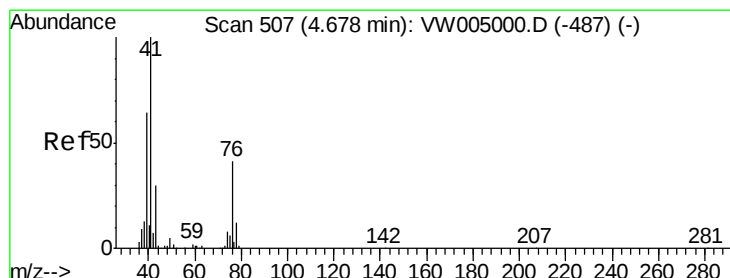
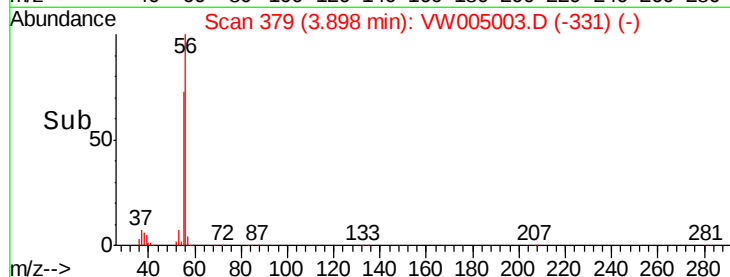
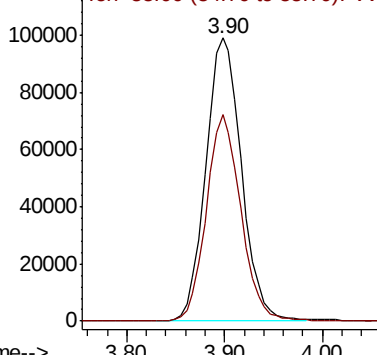
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 157.372 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

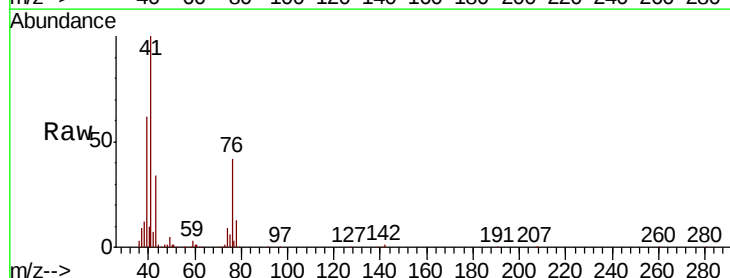
Tgt Ion: 41 Resp: 892801

Ion Ratio Lower Upper

41 100

39 59.9 49.4 74.2

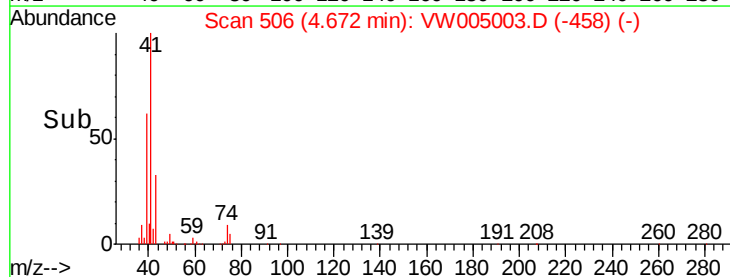
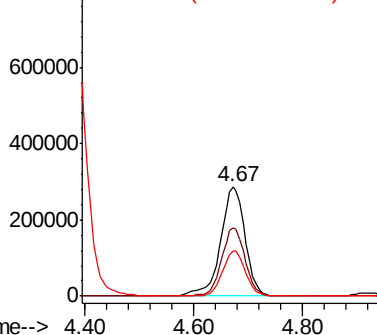
76 38.4 31.4 47.2

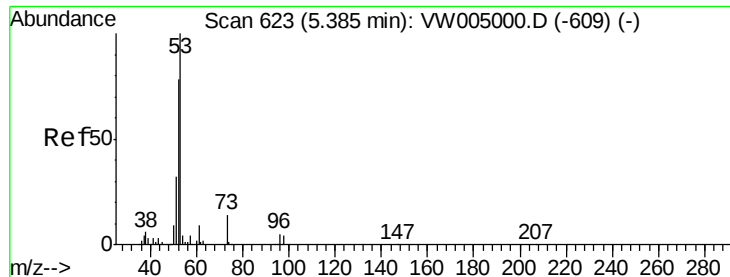


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 816.200 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

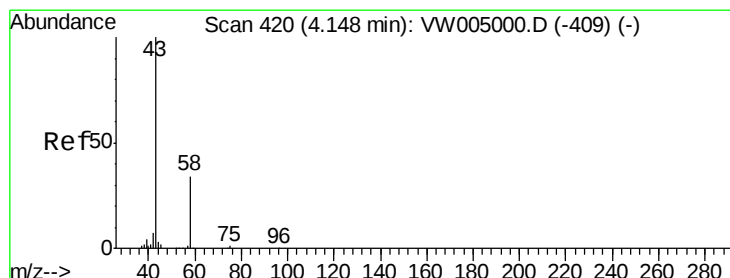
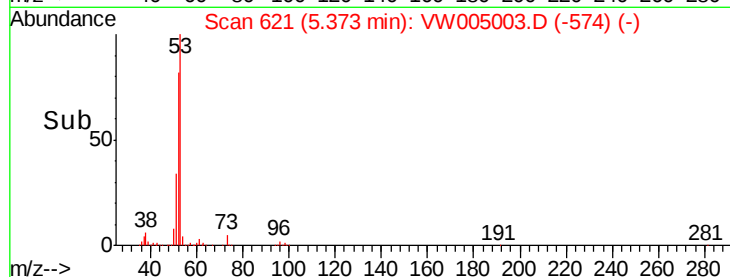
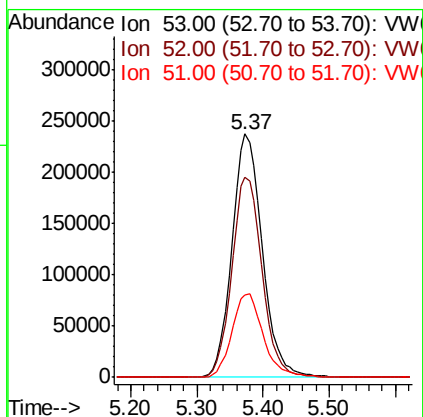
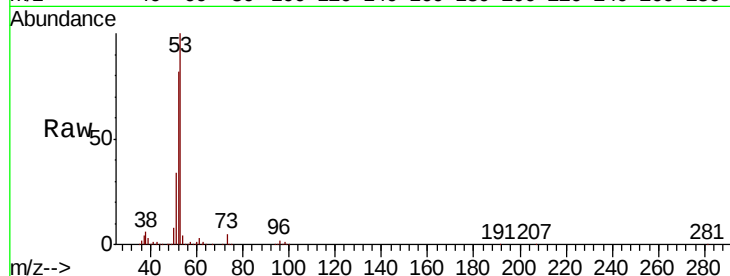
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	756149
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.0	97.6
51	35.5	28.6	43.0

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#16

Acetone

Concen: 788.798 ug/l

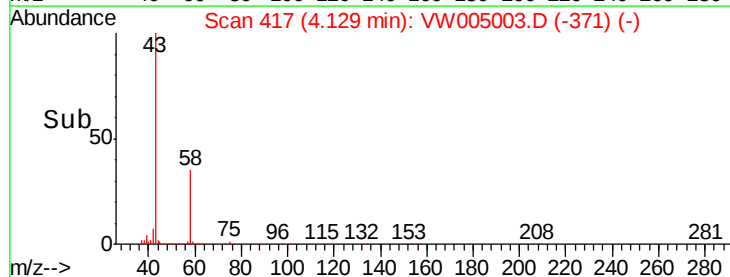
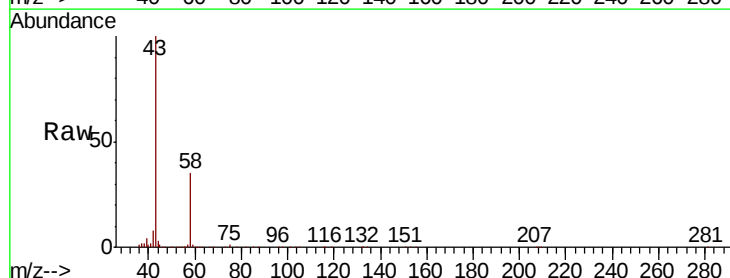
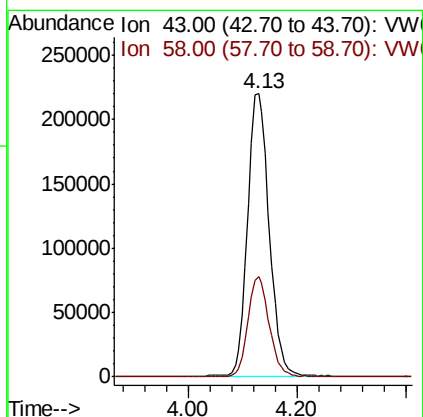
RT: 4.13 min Scan# 417

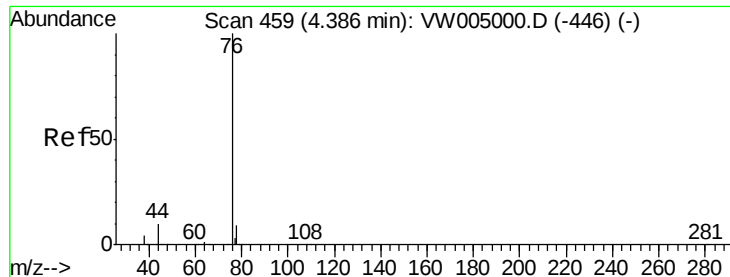
Delta R.T. -0.02 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	43	Resp:	613931
Ion Ratio	Lower	Upper	
43	100		
58	35.1	27.2	40.8





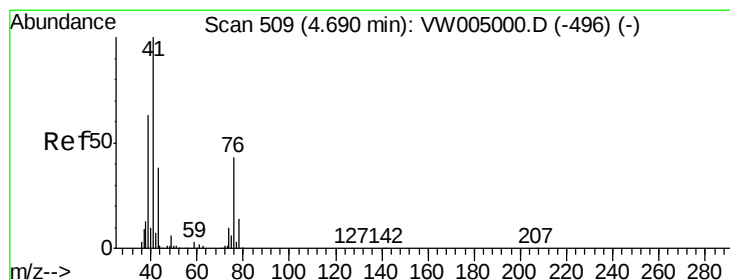
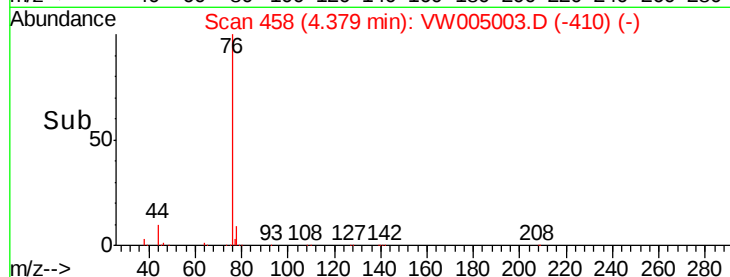
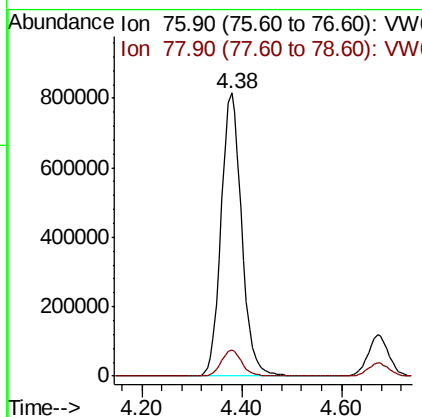
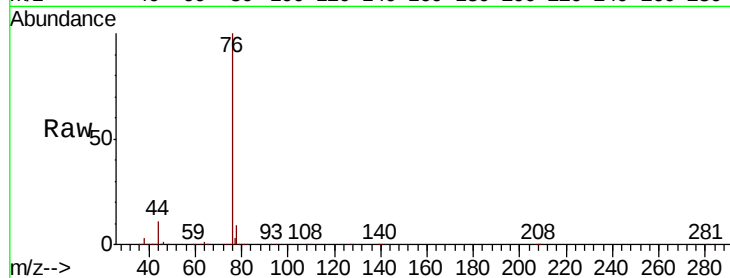
#17
Carbon Disulfide
Concen: 150.145 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion: 76 Resp: 2325176
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

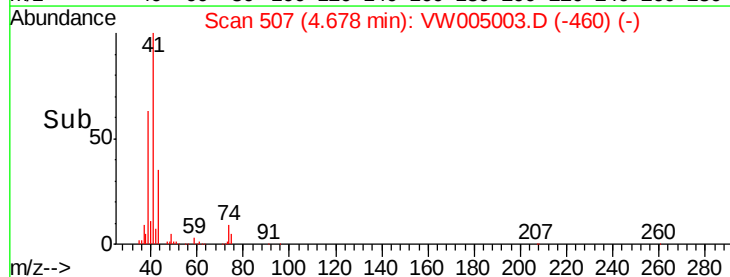
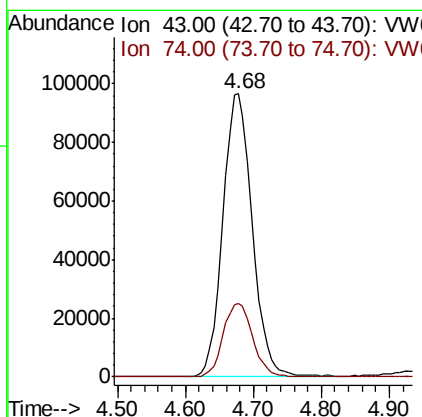
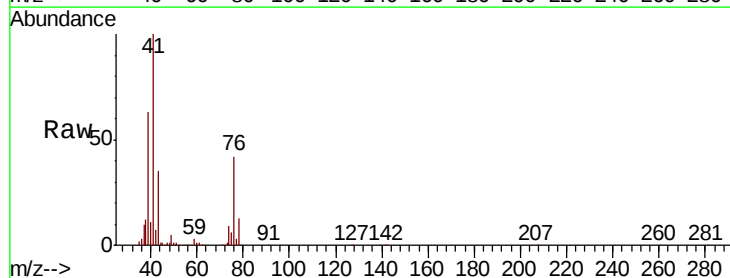
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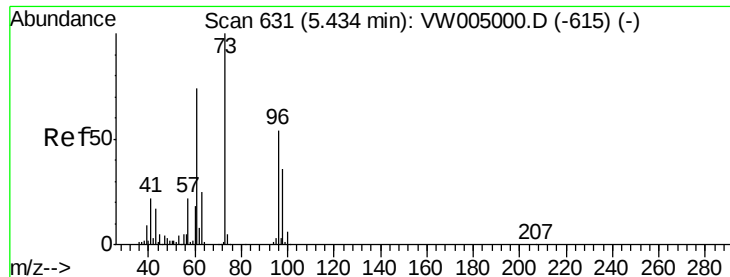
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#18
Methyl Acetate
Concen: 152.898 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion: 43 Resp: 288245
Ion Ratio Lower Upper
43 100
74 26.1 20.3 30.5





#19

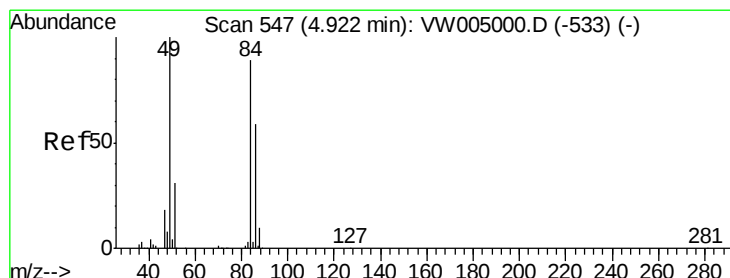
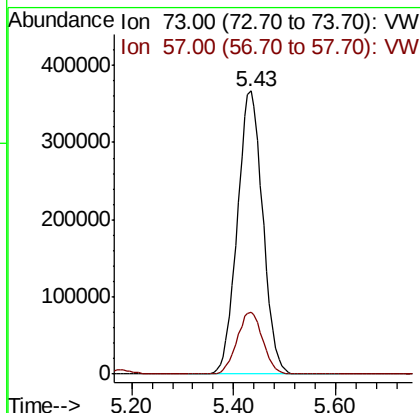
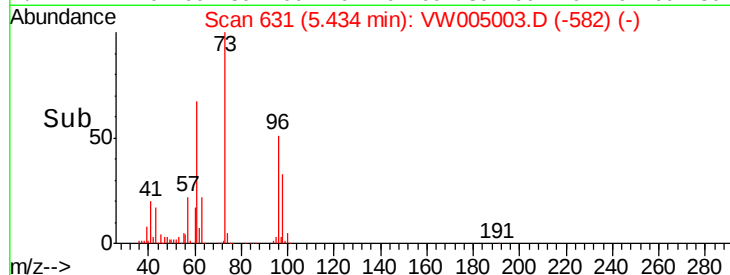
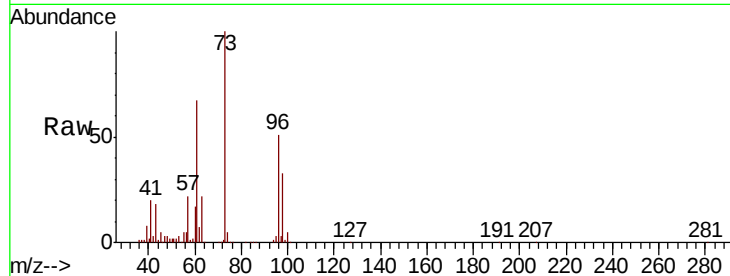
Methyl tert-butyl Ether
 Concen: 159.889 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1265893
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

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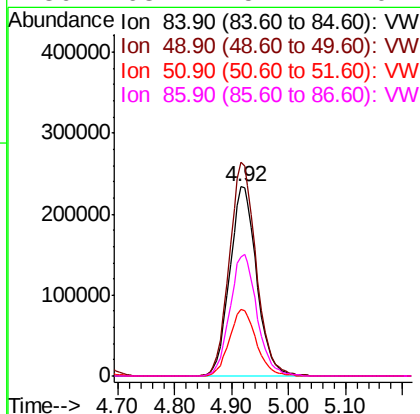
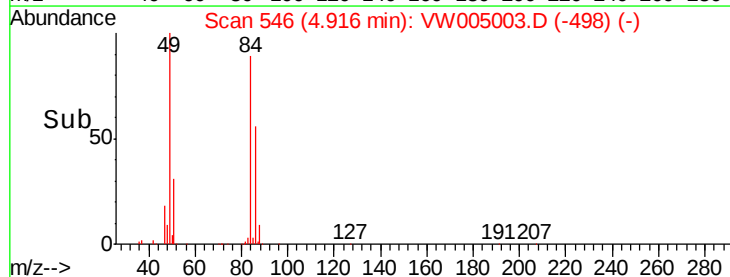
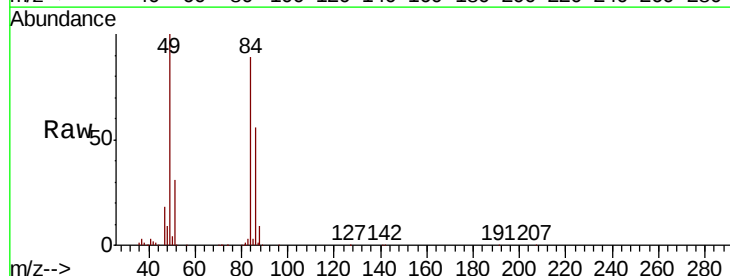
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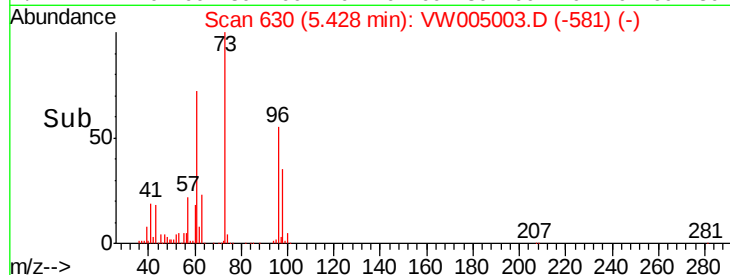
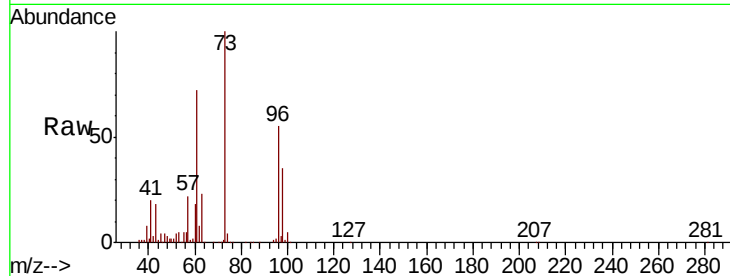
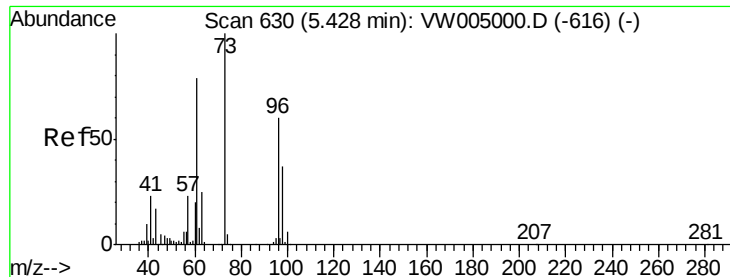


#20

Methylene Chloride
 Concen: 117.718 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion: 84 Resp: 772020
 Ion Ratio Lower Upper
 84 100
 49 112.9 89.7 134.5
 51 34.9 27.5 41.3
 86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 147.362 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tot Ion:	96	Resp:	589510
Ion	Ratio	Lower	Upper
96	100		
61	129.7	106.2	159.2
98	62.8	49.5	74.3

Instrument :

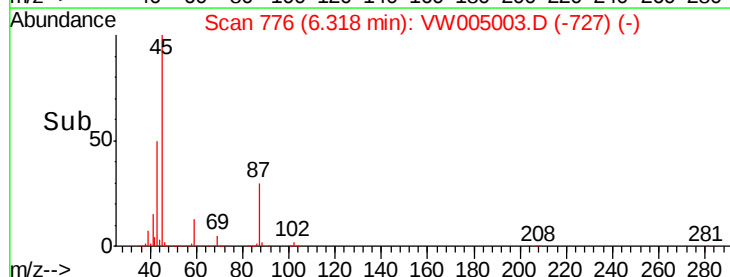
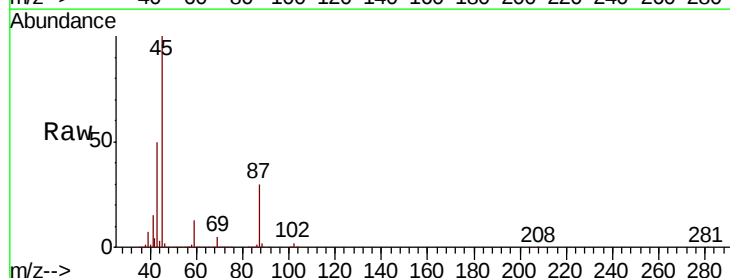
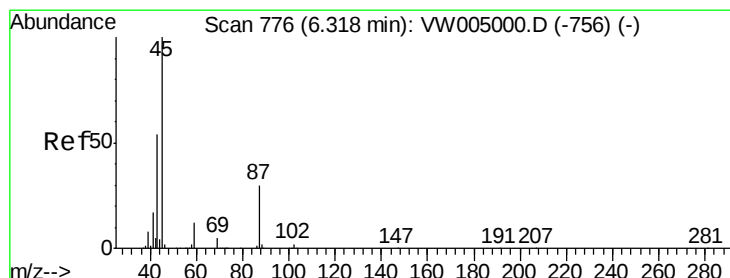
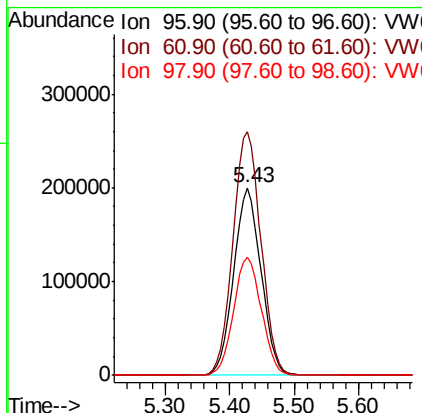
MSVOA_W

ClientSampleId :

VSTDIC150

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#22

Diisopropyl ether

Concen: 161.717 ug/l

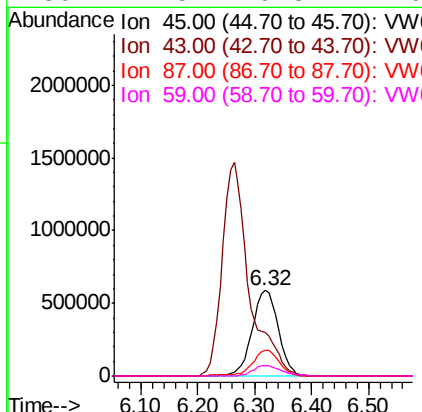
RT: 6.32 min Scan# 776

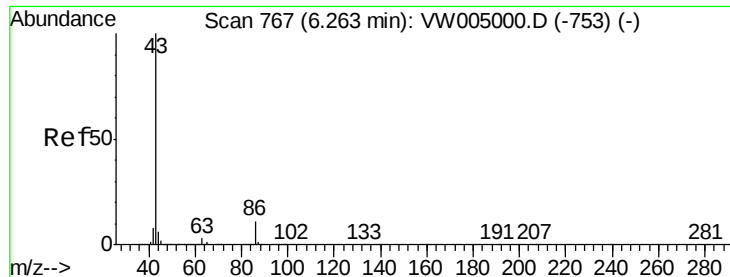
Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	45	Resp:	1872864
Ion	Ratio	Lower	Upper
45	100		
43	50.4	43.5	65.3
87	29.8	23.8	35.8
59	12.5	9.8	14.6





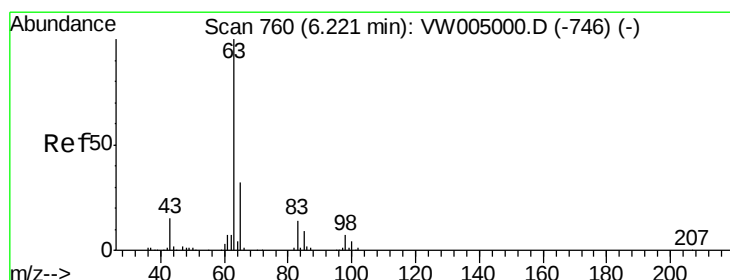
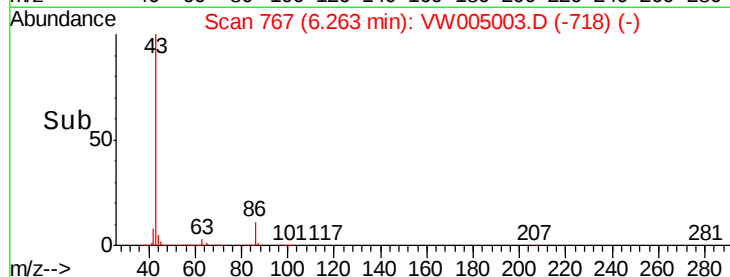
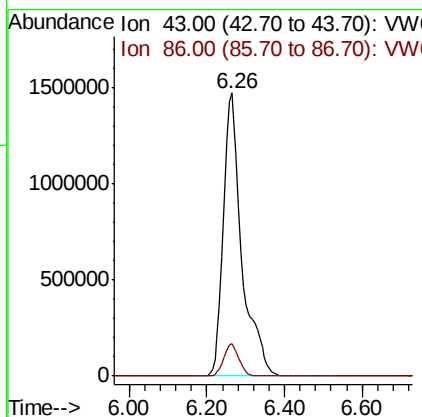
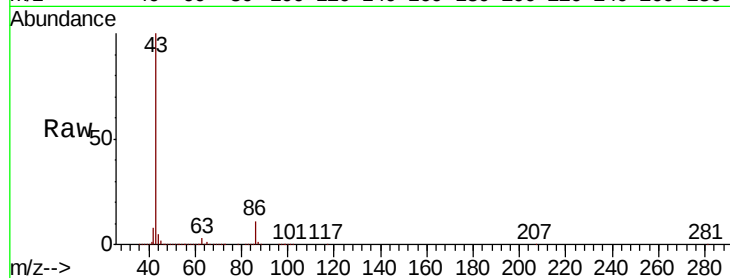
#23
 Vinyl Acetate
 Concen: 822.141 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 4867964
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.6

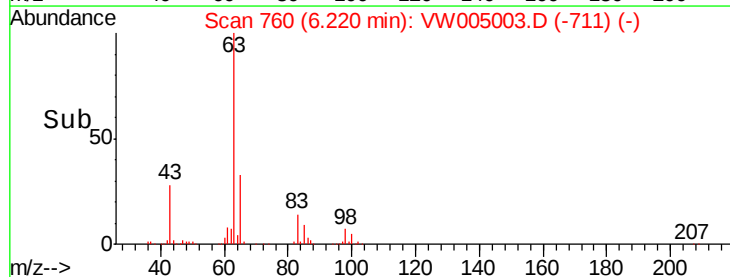
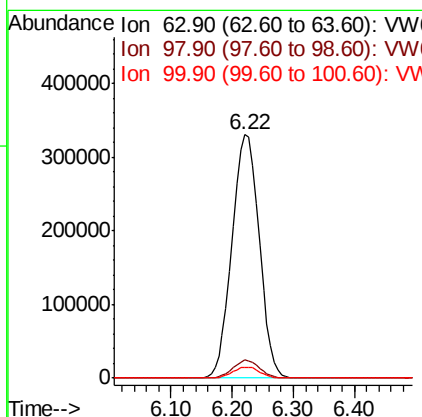
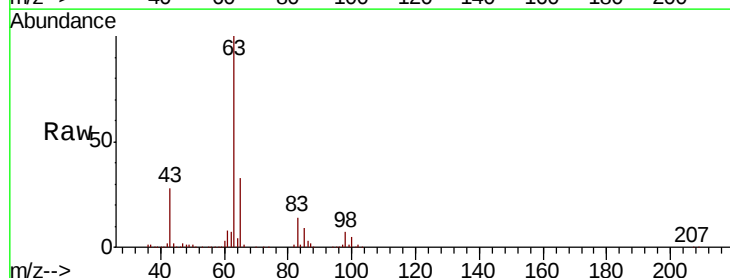
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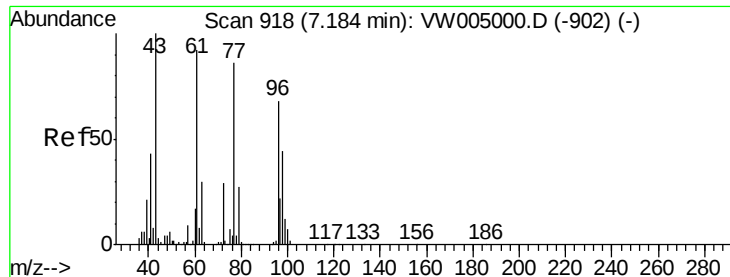
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#24
 1,1-Dichloroethane
 Concen: 145.020 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion: 63 Resp: 1016179
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 770.413 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 935060

Ion Ratio Lower Upper

43 100

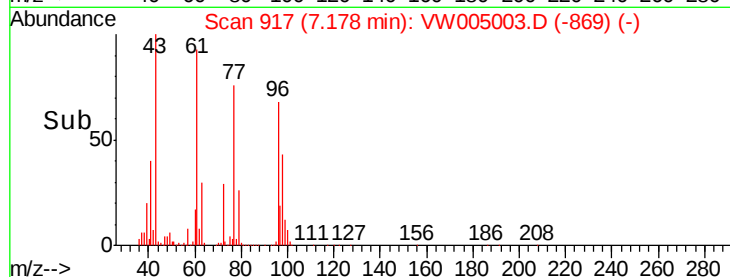
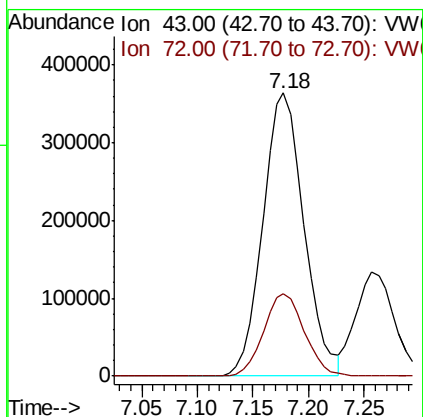
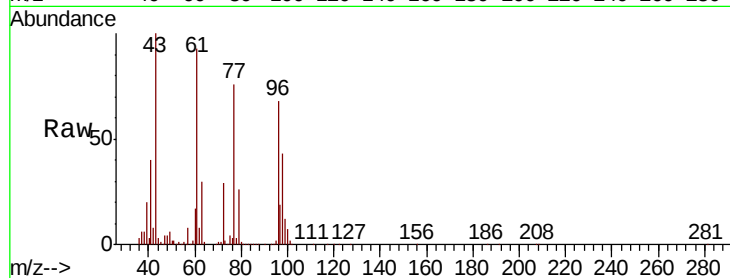
72 29.1 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 133.551 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005003.D

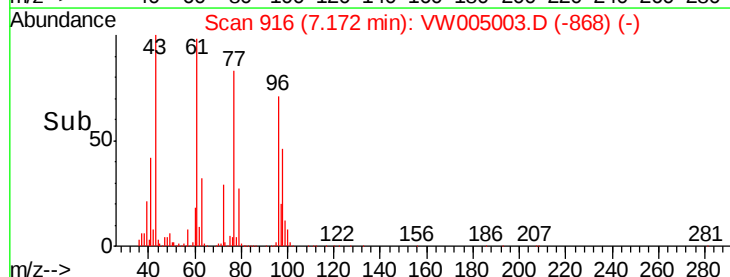
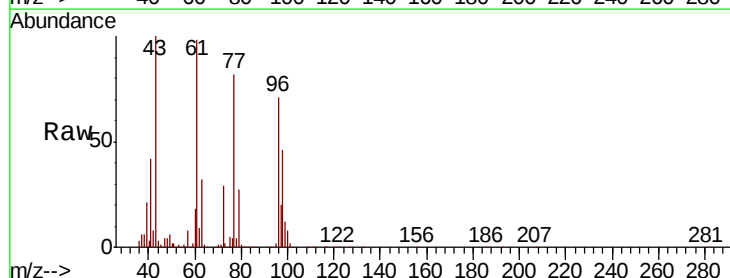
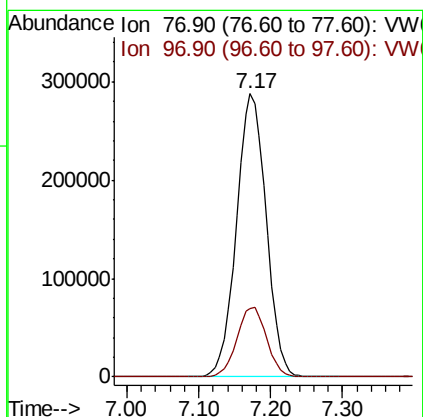
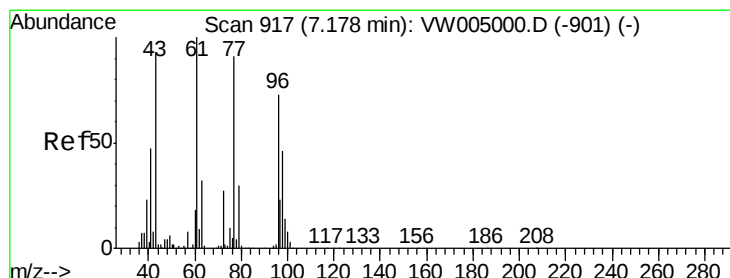
Acq: 29 Aug 2018 14:44

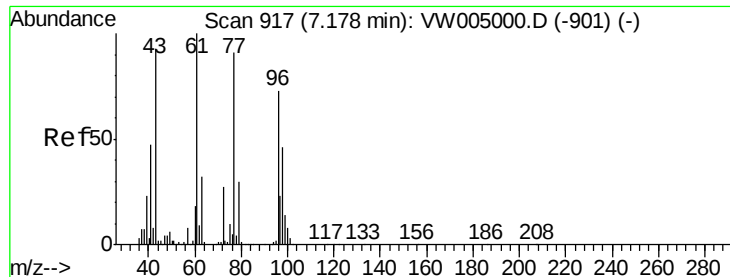
Tgt Ion: 77 Resp: 821378

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4





#27

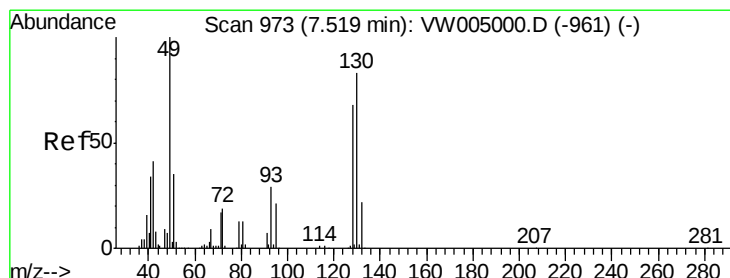
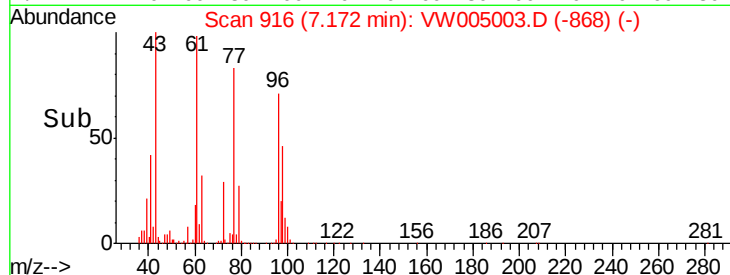
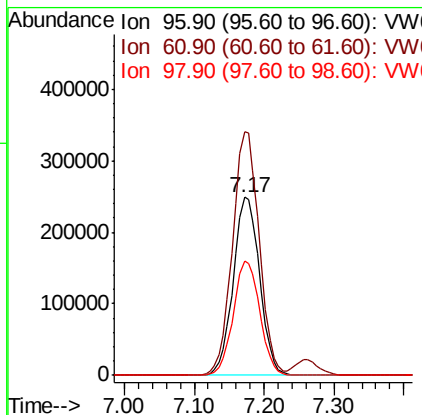
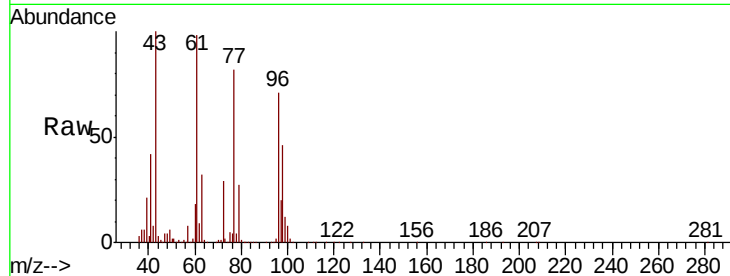
cis-1,2-Dichloroethene
 Concen: 149.588 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		650980		
61	138.6	0.0	281.6		
98	64.7	0.0	129.0		

Manual Integrations
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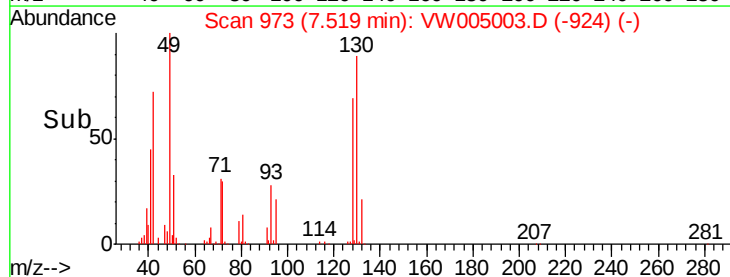
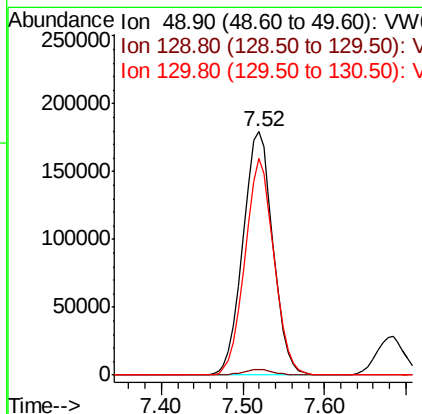
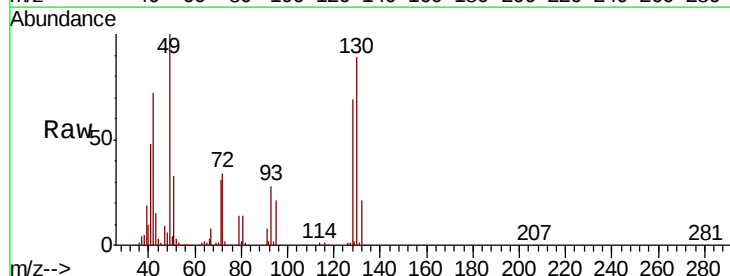
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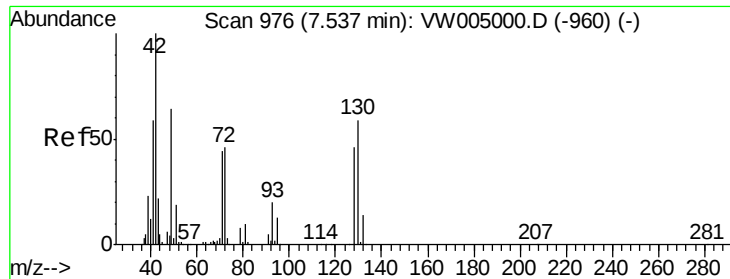


#28

Bromochloromethane
 Concen: 149.013 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		459134		
129	2.2	0.0	4.2		
130	86.2	68.2	102.2		





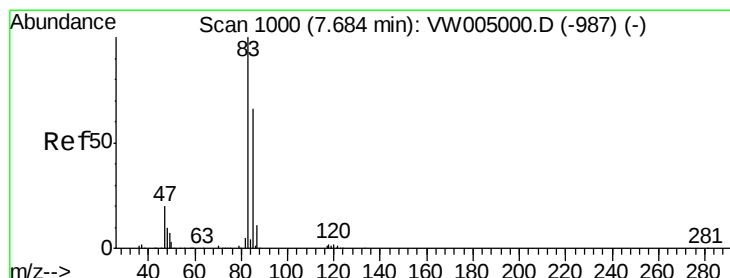
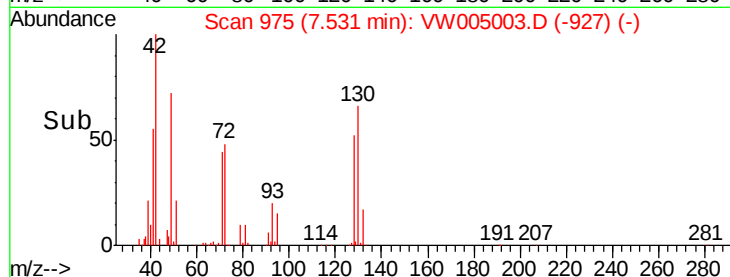
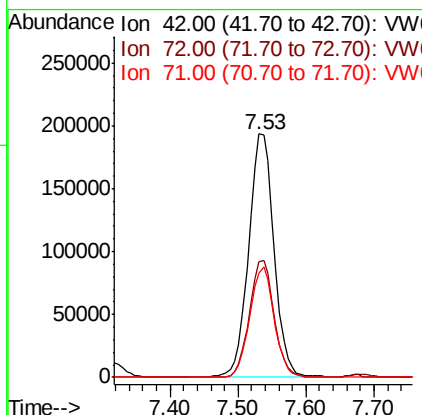
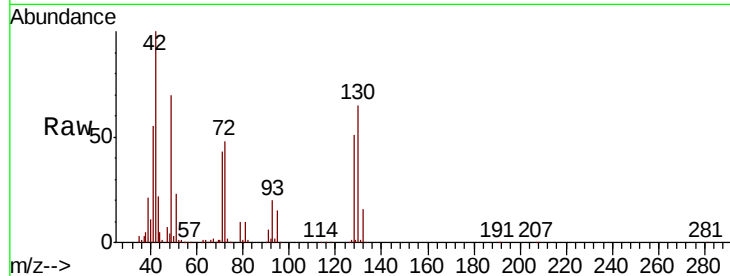
#29
Tetrahydrofuran
Concen: 819.593 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.6	55.0
71	43.9	35.4	53.2

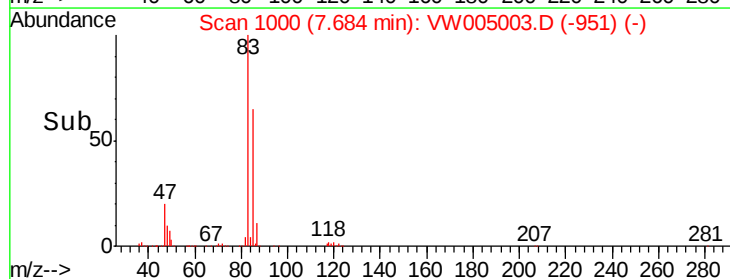
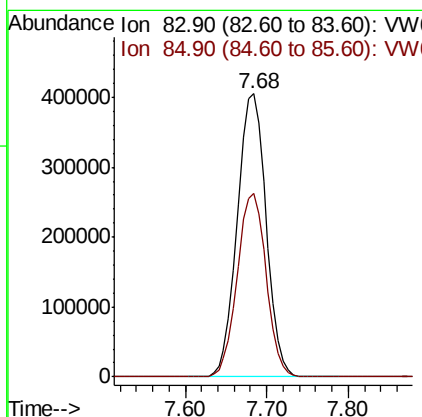
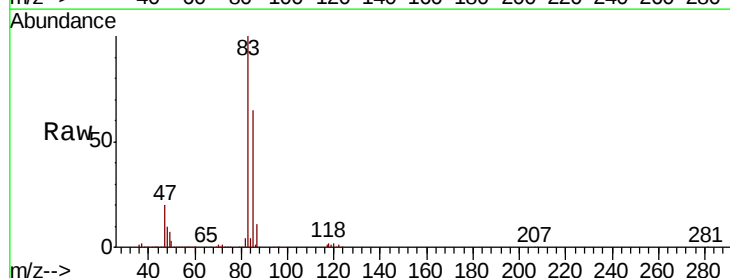
Manual Integrations
APPROVED

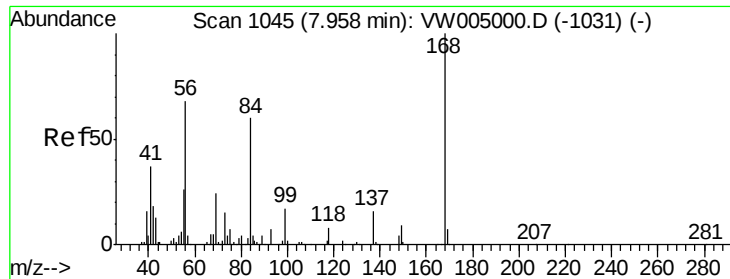
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#30
Chloroform
Concen: 144.214 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	78.8





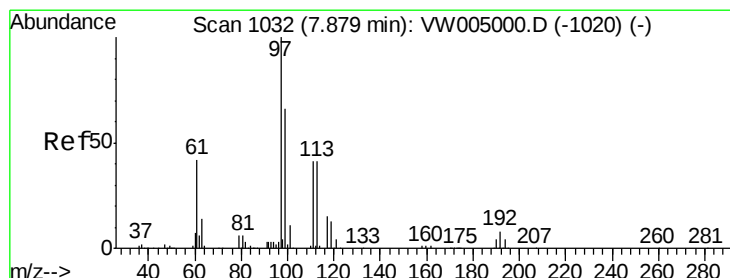
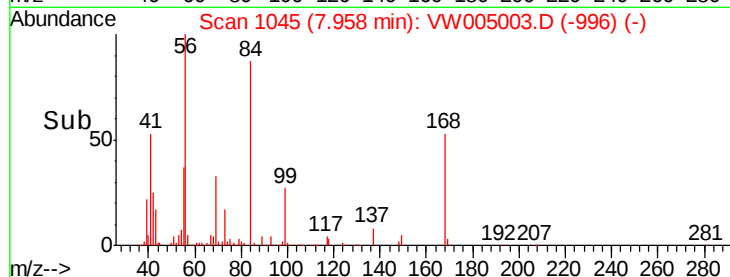
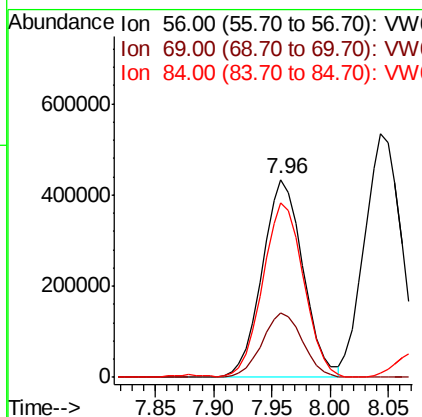
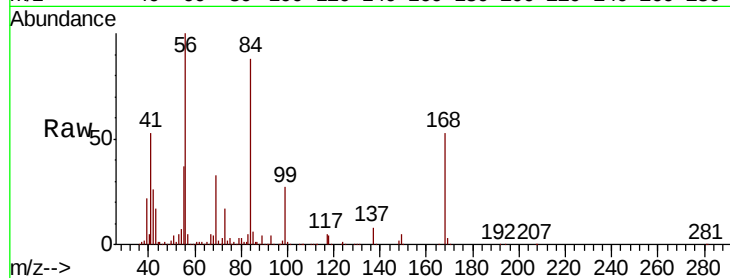
#31
Cyclohexane
Concen: 141.782 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	27.9	41.9
84	86.9	70.5	105.7

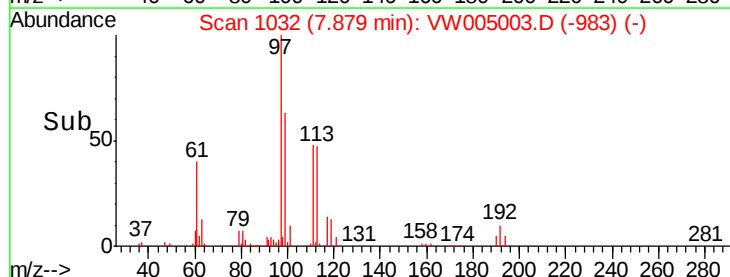
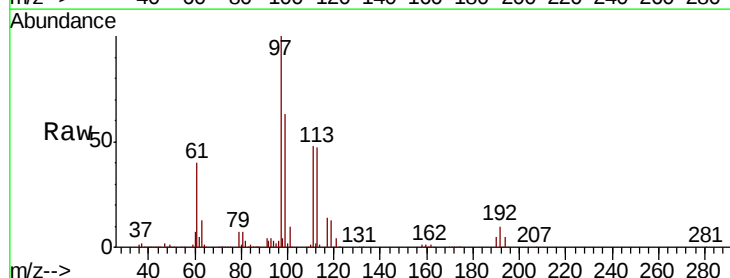
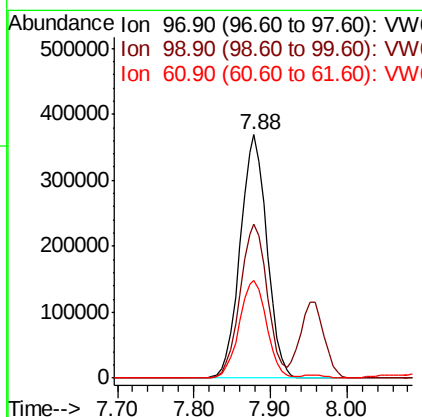
Manual Integrations
APPROVED

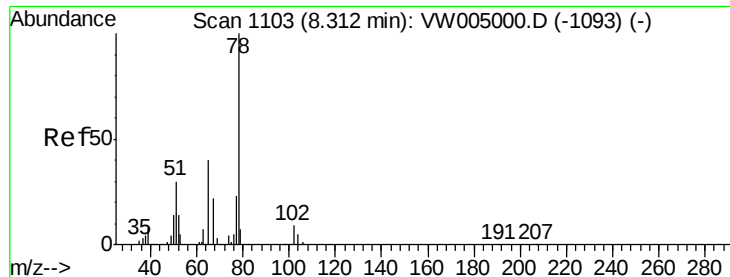
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#32
1,1,1-Trichloroethane
Concen: 140.460 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	41.2	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 145.362 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tot Ion: 65 Resp: 501689

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.8

Instrument :

MSVOA_W

ClientSampled :

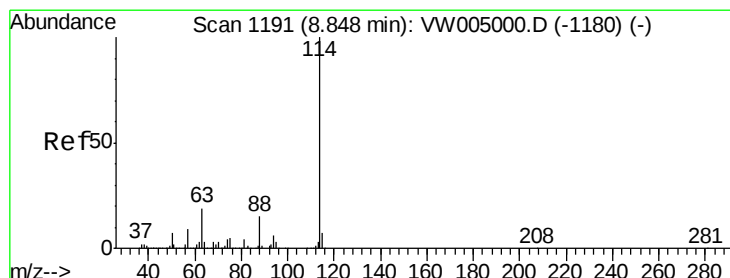
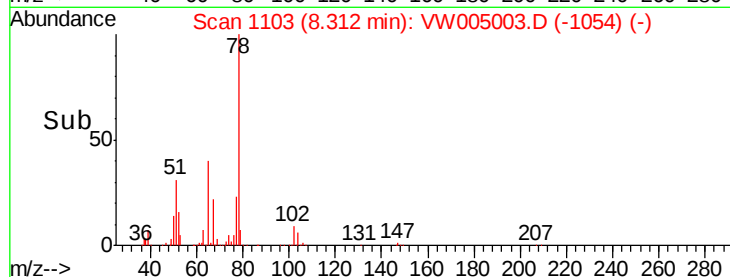
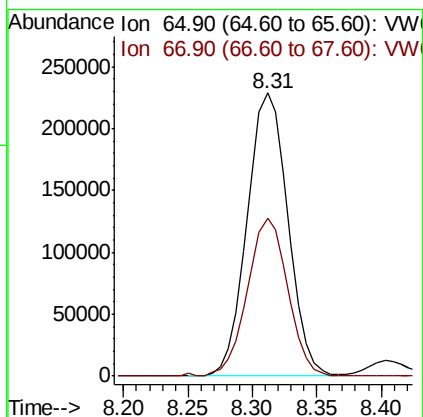
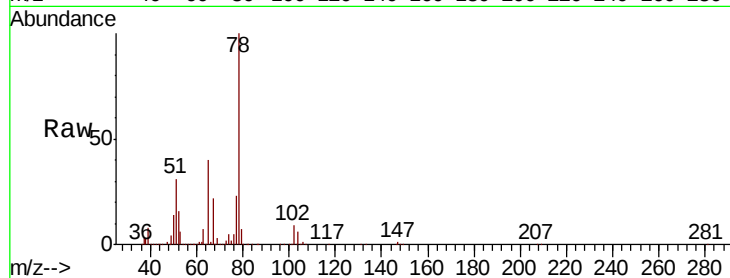
VSTDIC150

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

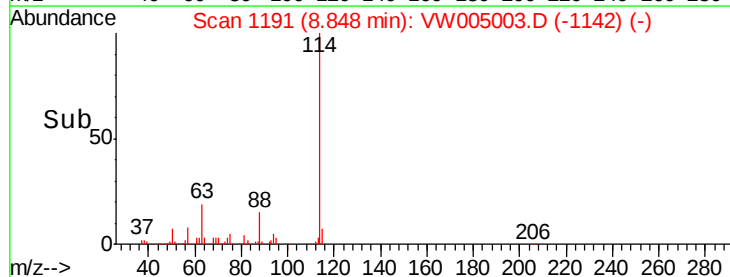
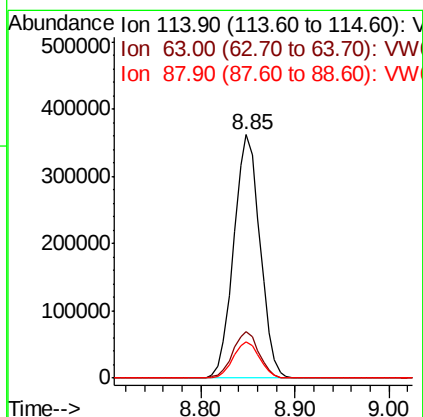
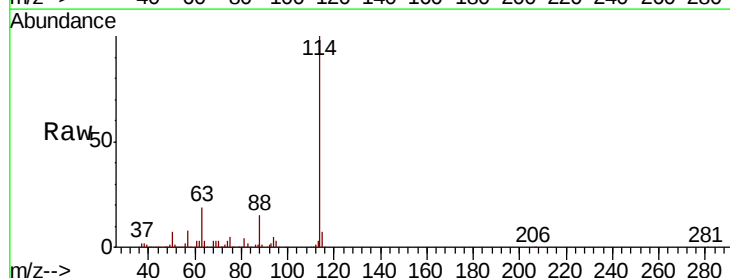
Tgt Ion: 114 Resp: 702731

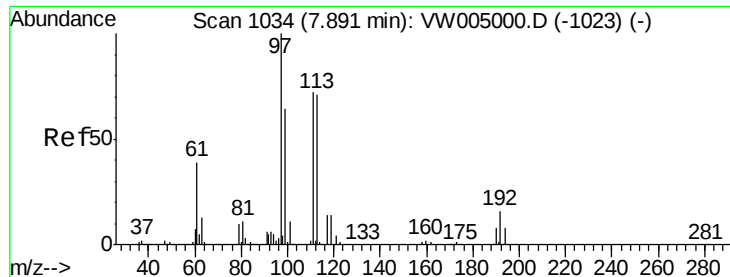
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 14.7 0.0 30.6





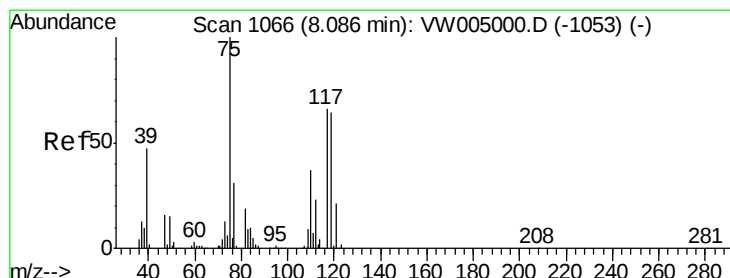
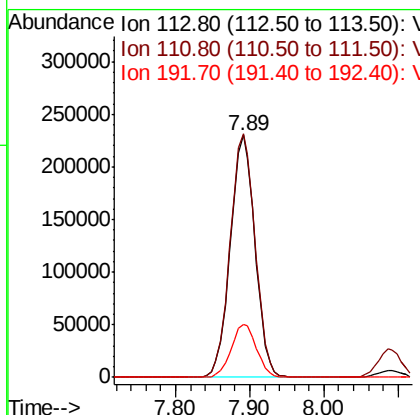
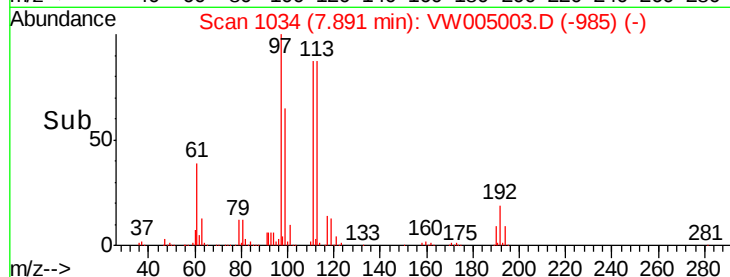
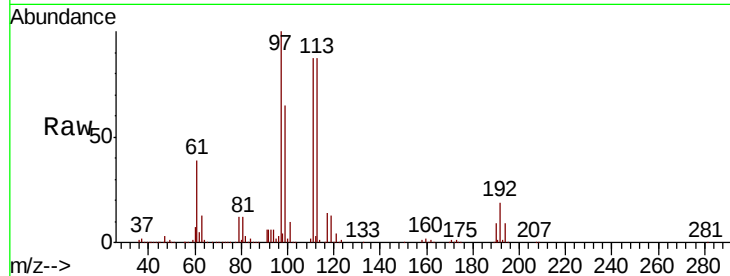
#35
 Dibromofluoromethane
 Concen: 152.946 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	532611		
111	102.3		81.3	121.9
192	22.4		17.8	26.8

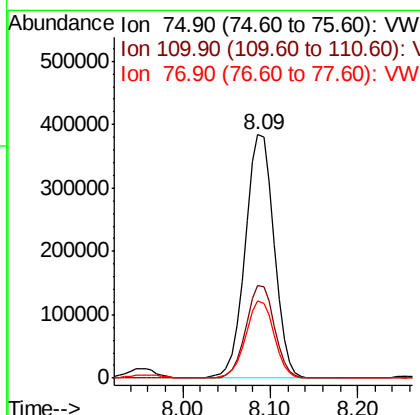
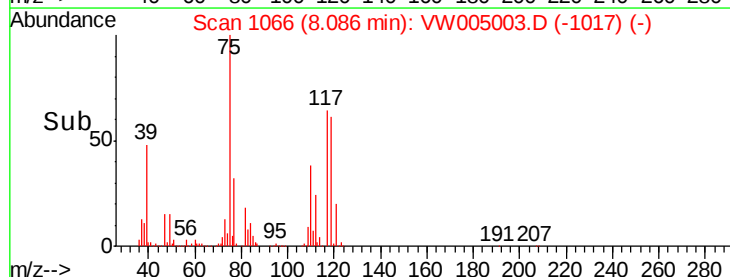
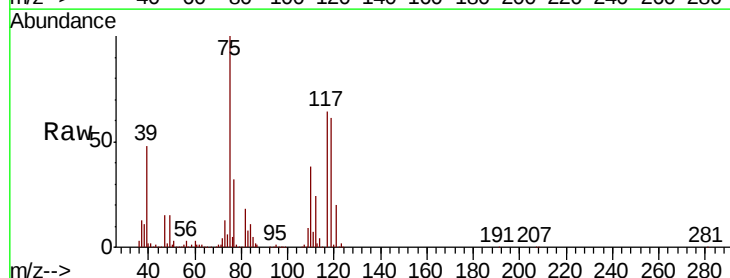
Manual Integrations
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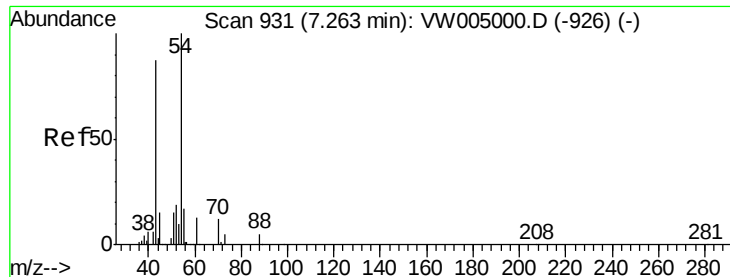
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#36
 1,1-Dichloropropene
 Concen: 147.631 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	879041		
110	37.4		18.7	56.1
77	31.5		24.9	37.3





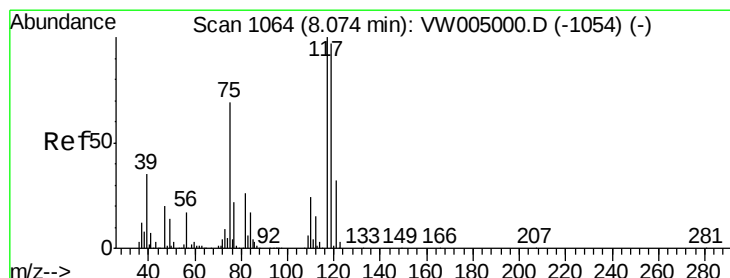
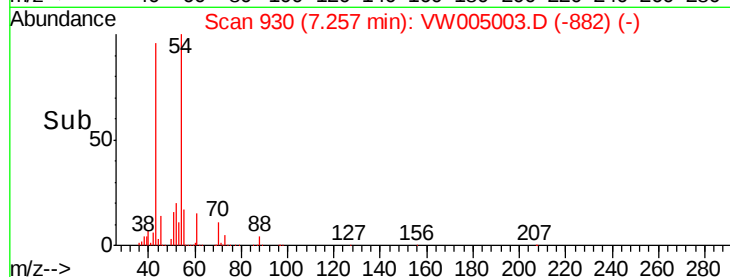
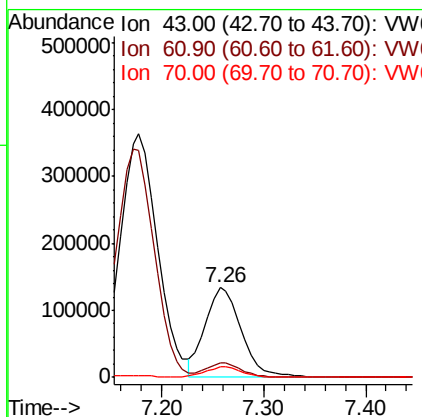
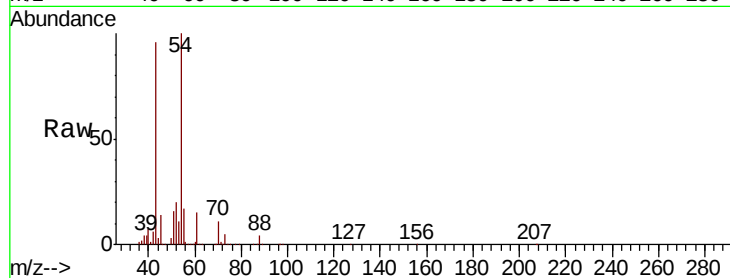
#37
Ethyl Acetate
Concen: 154.062 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	12.1	9.7	14.5

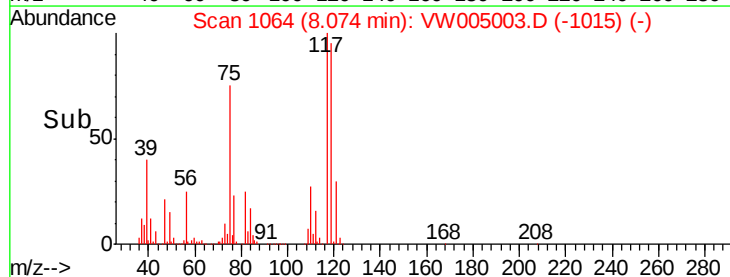
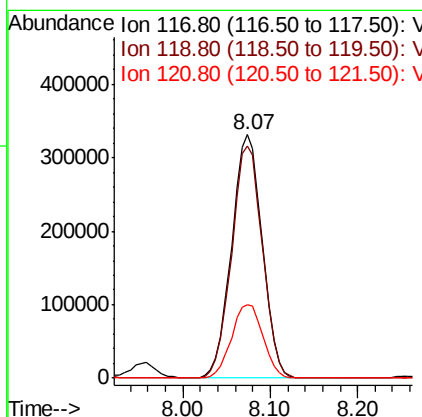
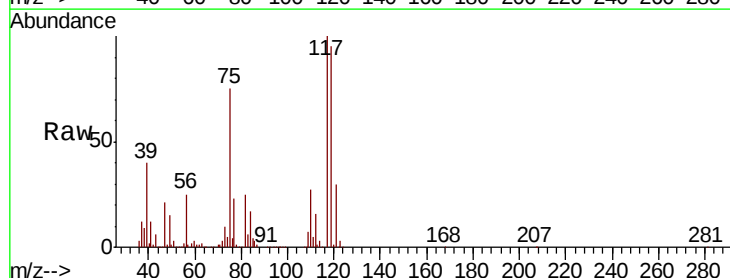
Manual Integrations
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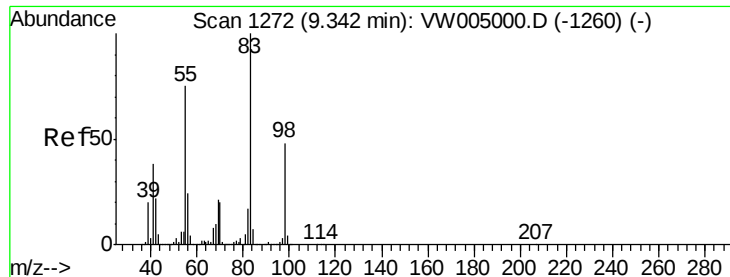
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#38
Carbon Tetrachloride
Concen: 139.961 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.8
121	30.2	25.2	37.8





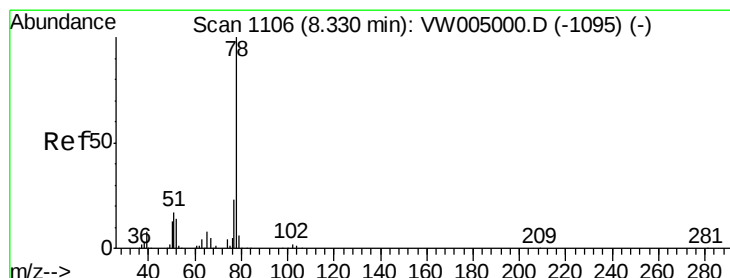
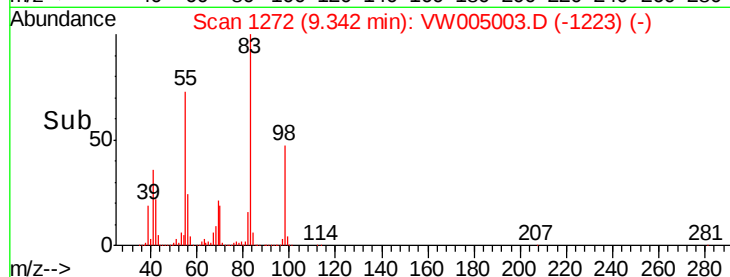
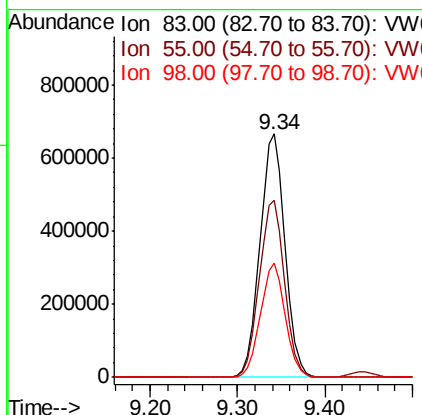
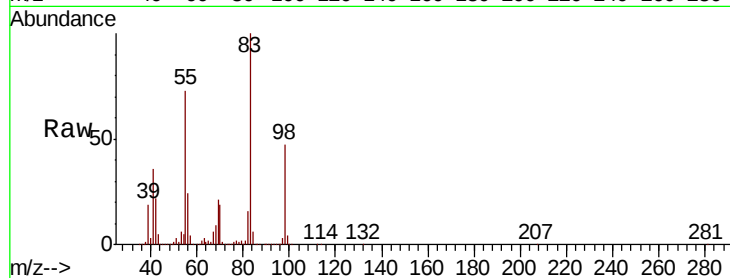
#39
Methvlcvclohexane
Concen: 161.698 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.2	90.2
98	46.8	38.6	57.8

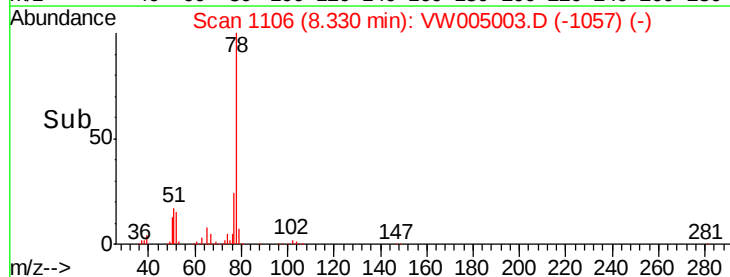
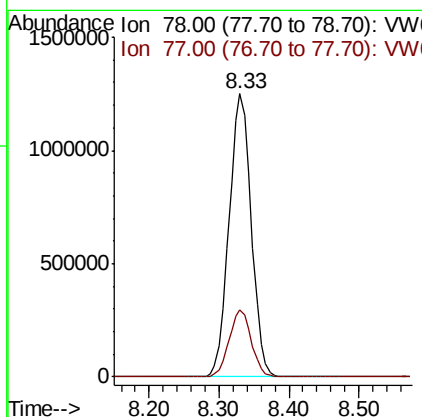
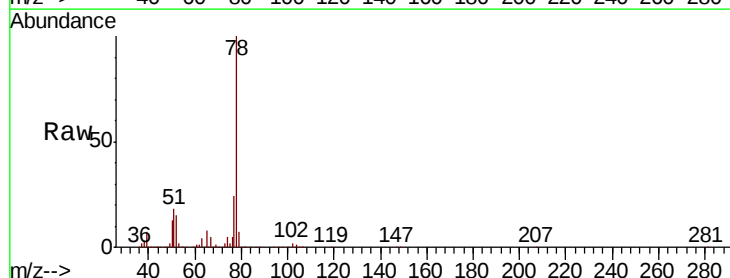
Manual Integrations
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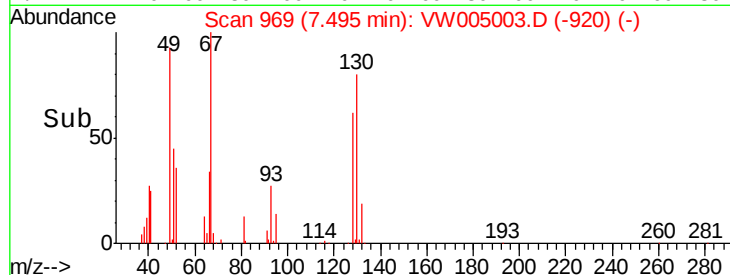
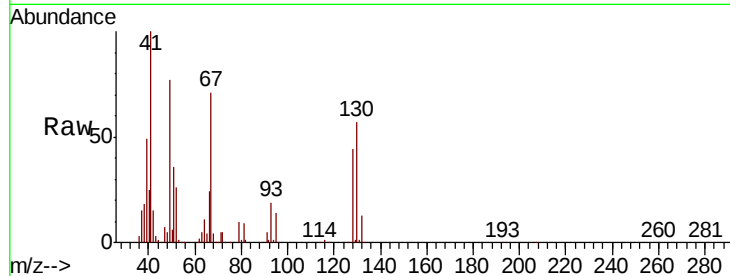
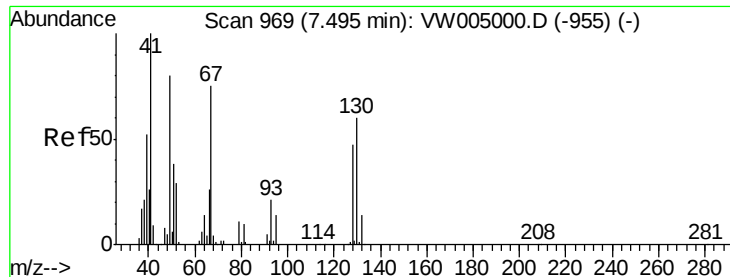
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#40
Benzene
Concen: 143.910 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





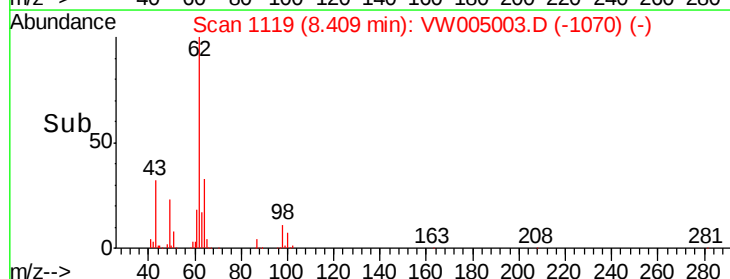
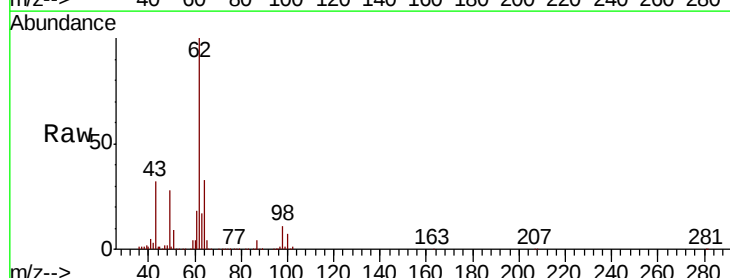
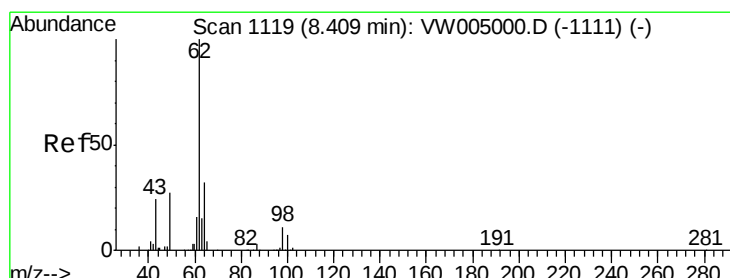
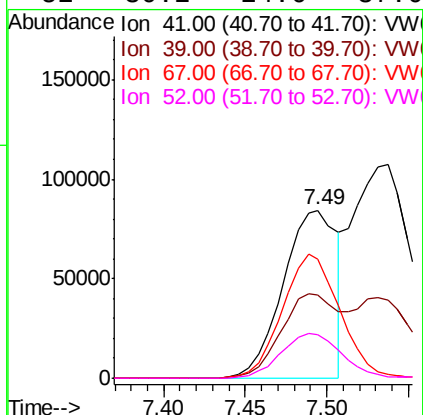
#41
Methacrylonitrile
Concen: 155.188 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	194094		
39	39	50.1	42.0	63.0	
67	67	78.3	63.4	95.2	
52	52	30.2	24.6	37.0	

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

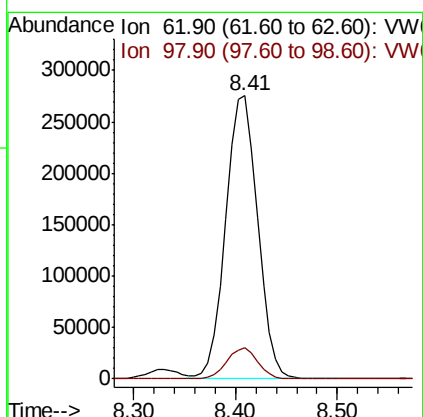
Manual Integrations
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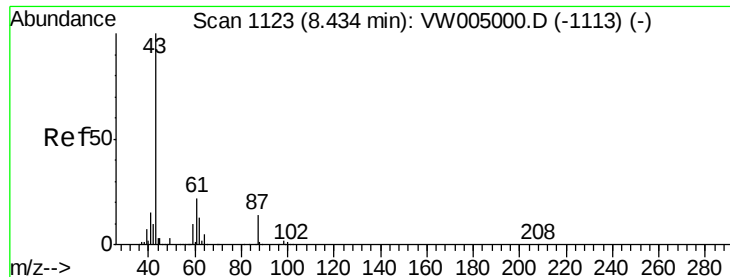
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#42
1,2-Dichloroethane
Concen: 140.978 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	597888		
98	98	10.6	0.0	20.8	





#43

Isopropyl Acetate

Concen: 159.317 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

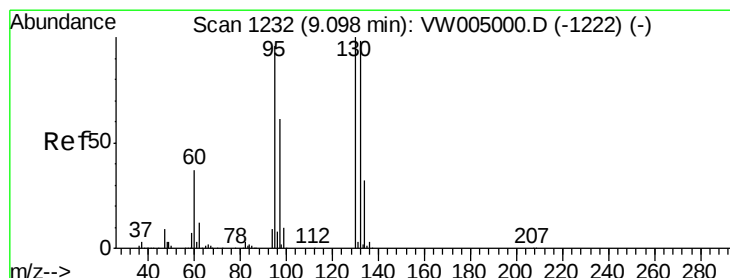
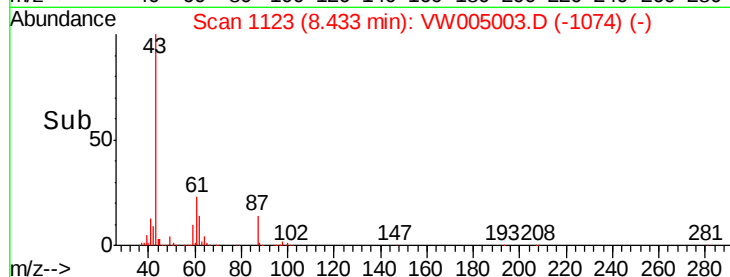
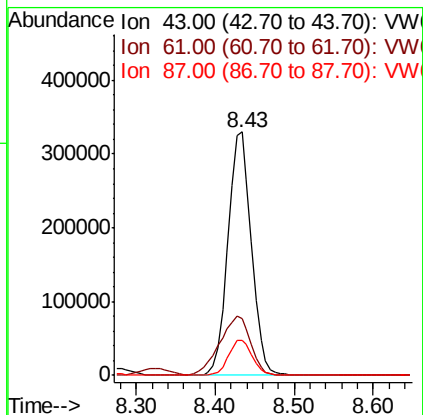
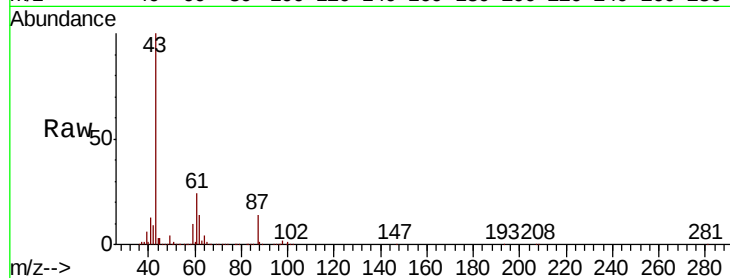
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	680367
Ion	Ratio	Lower	Upper
43	100		
61	31.7	26.2	39.4
87	14.7	11.8	17.6

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#44

Trichloroethene

Concen: 145.719 ug/l

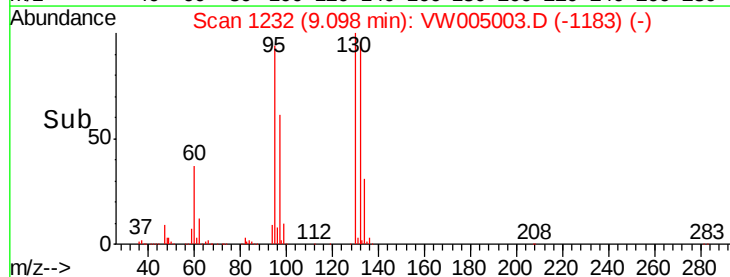
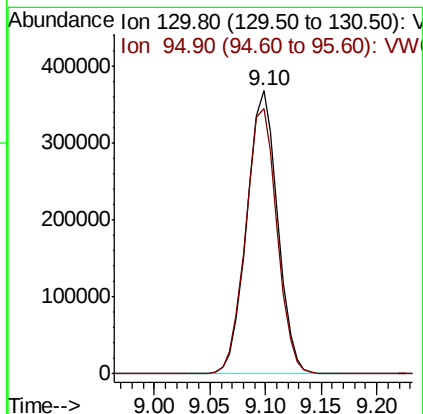
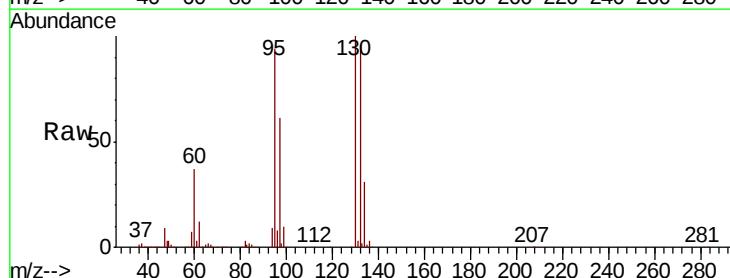
RT: 9.10 min Scan# 1232

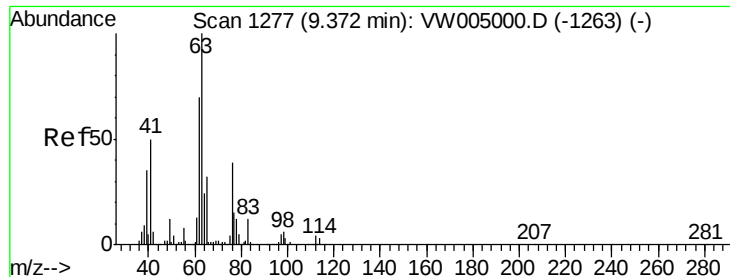
Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	130	Resp:	709387
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	192.2





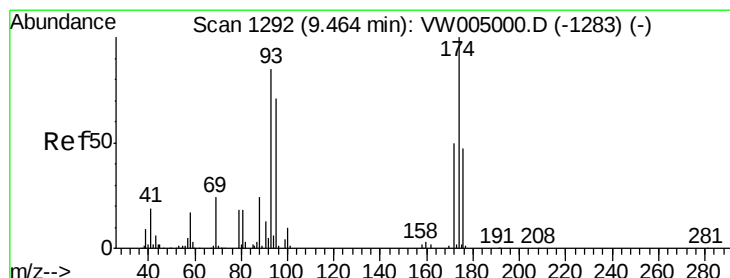
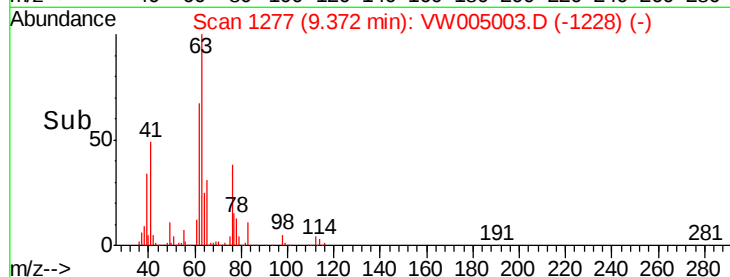
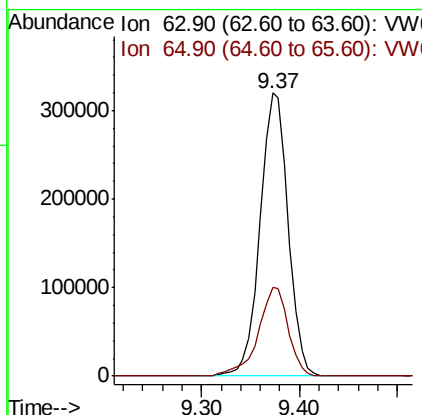
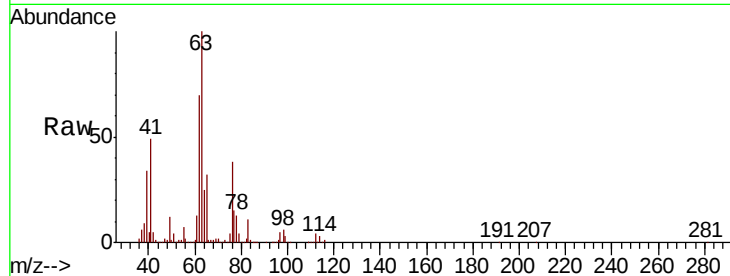
#45
1,2-Dichloropropane
Concen: 147.024 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.3	37.9

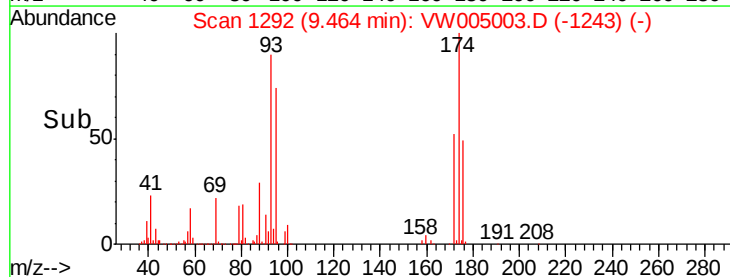
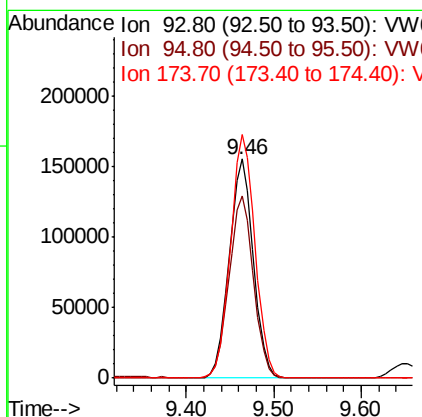
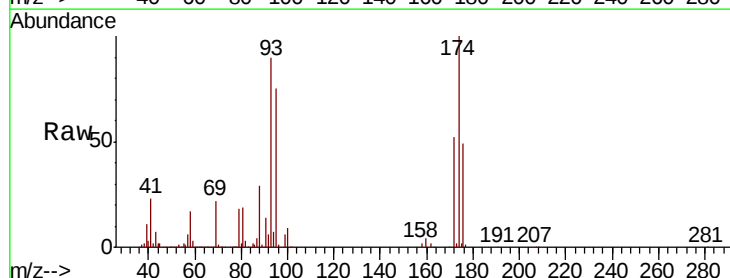
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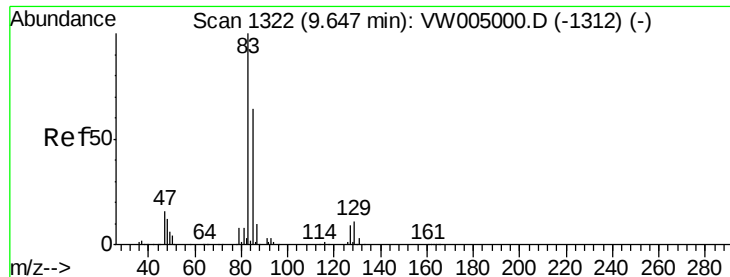
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#46
Dibromomethane
Concen: 144.285 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	68.0	102.0
174	113.2	91.4	137.0





#47

Bromodichloromethane

Concen: 146.503 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

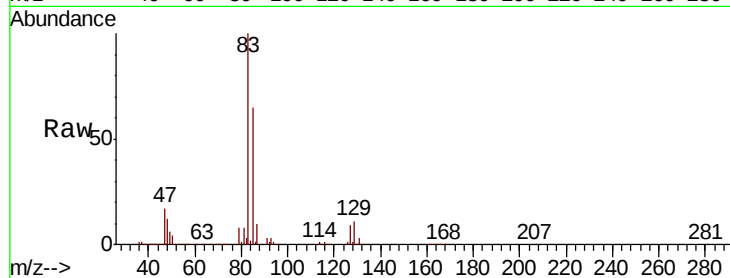
ClientSampleId :

VSTDIC150

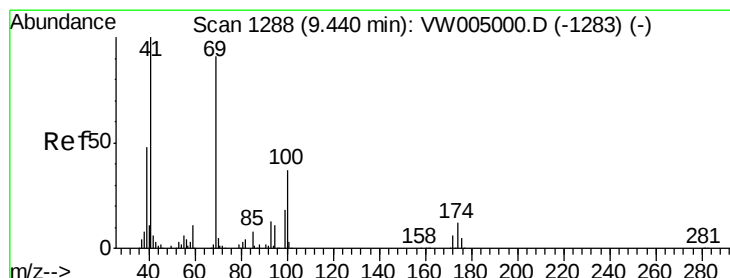
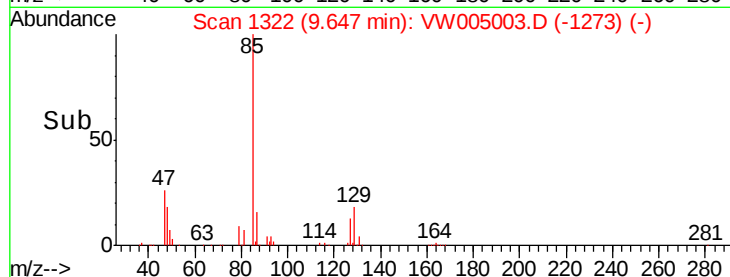
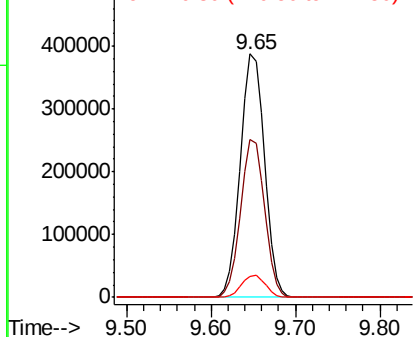
Tot Ion:	83	Resp:	747135
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.3	76.9
127	8.6	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 171.023 ug/l

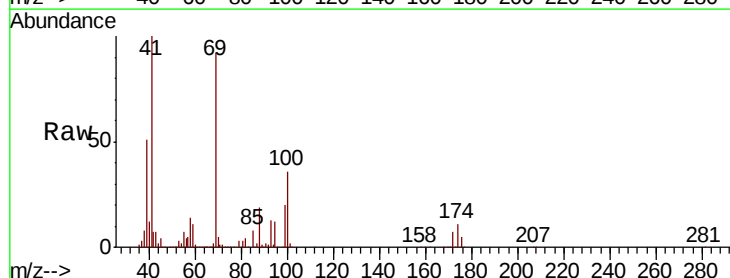
RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

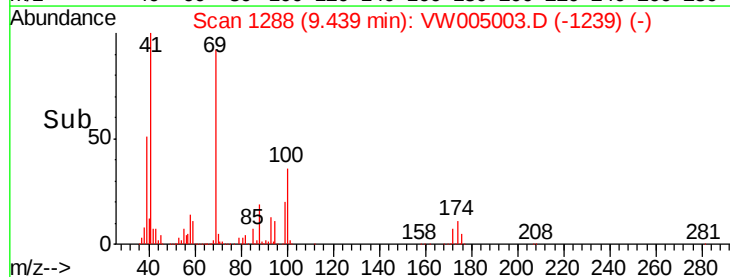
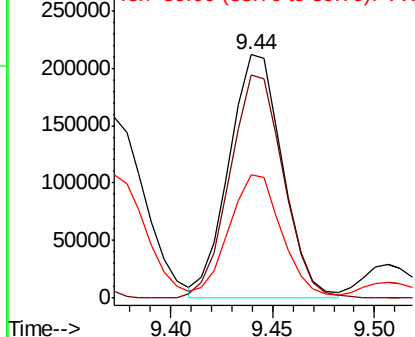
Lab File: VW005003.D

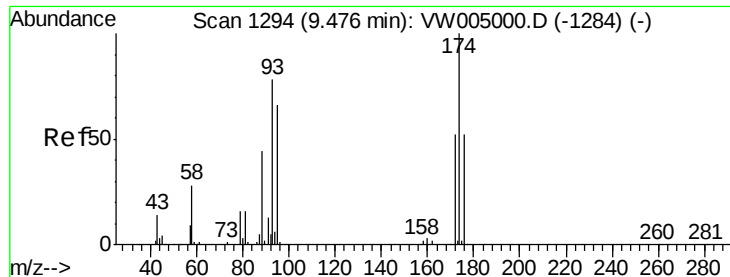
Acq: 29 Aug 2018 14:44

Tgt Ion:	41	Resp:	387783
Ion Ratio	Lower	Upper	
41	100		
69	91.6	72.5	108.7
39	47.7	37.0	55.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





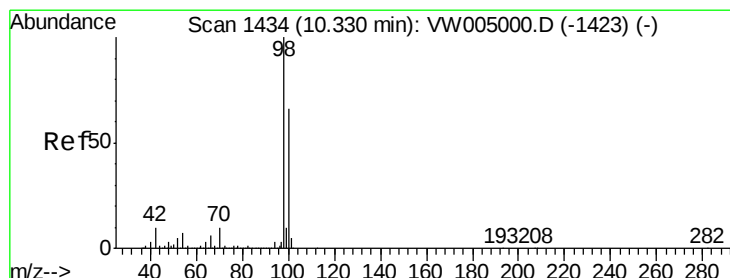
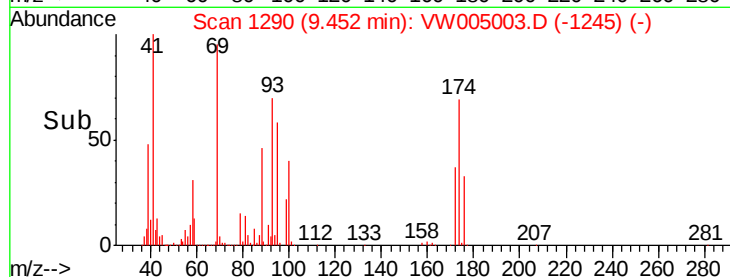
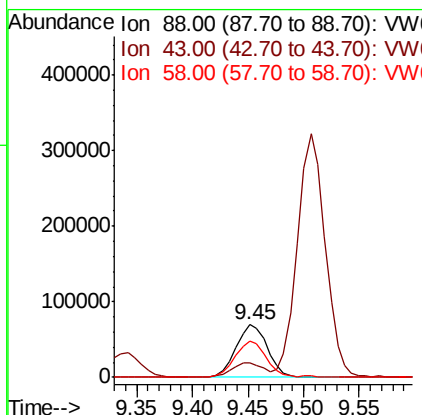
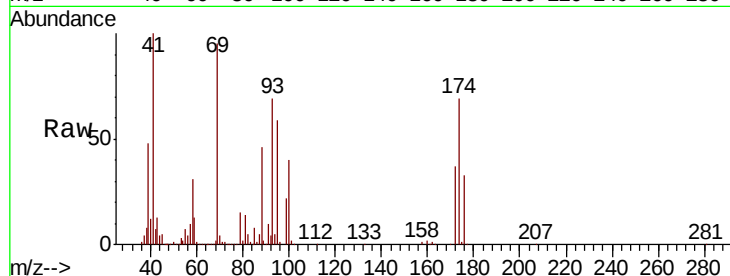
#49
1,4-Dioxane
Concen: 3201.657 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	0.0	0.0#
58	67.6	57.0	85.4

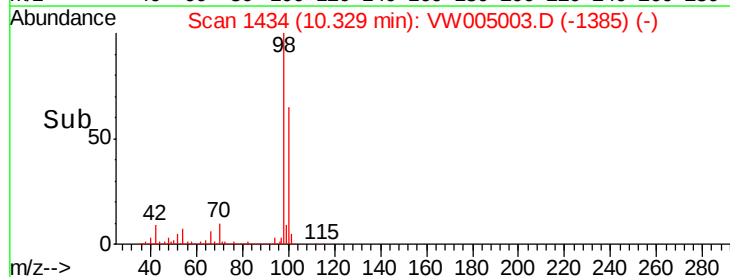
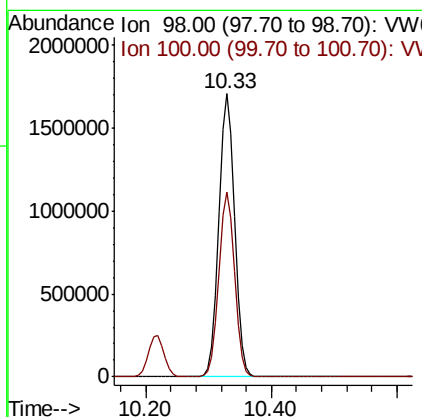
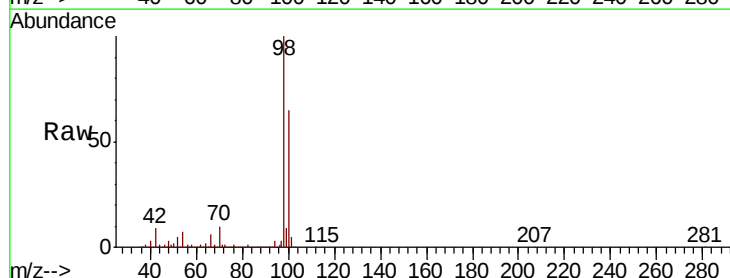
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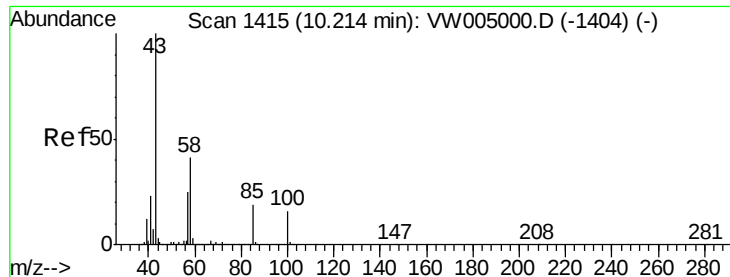
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#50
Toluene-d8
Concen: 155.491 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 802.648 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2567230

Ion Ratio Lower Upper

43 100

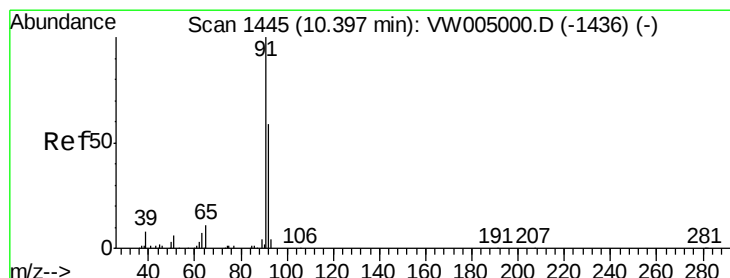
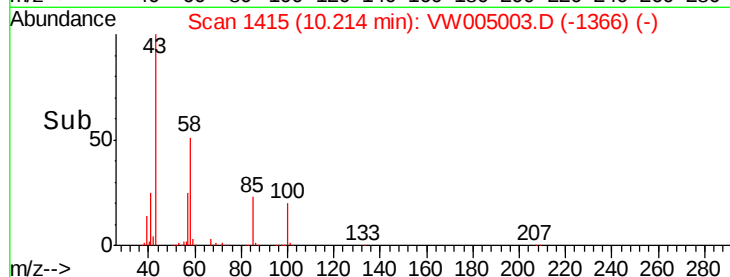
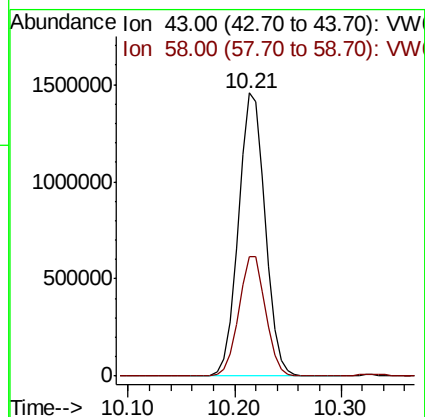
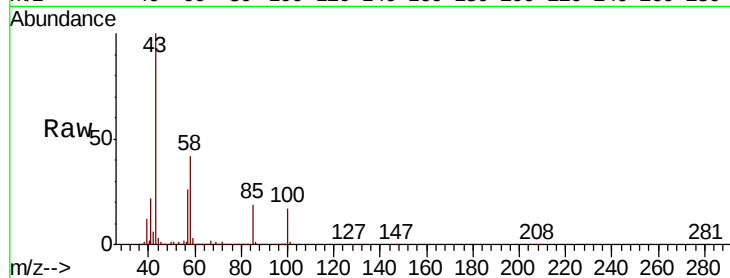
58 42.4 33.5 50.3

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#52

Toluene

Concen: 150.019 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005003.D

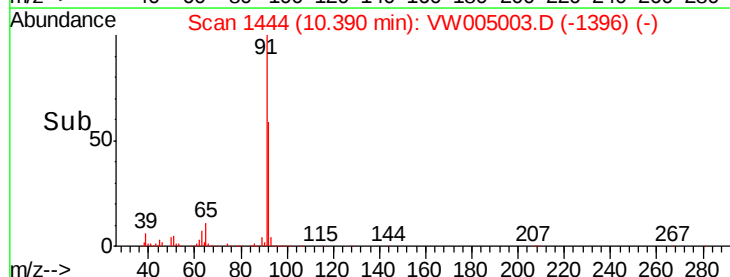
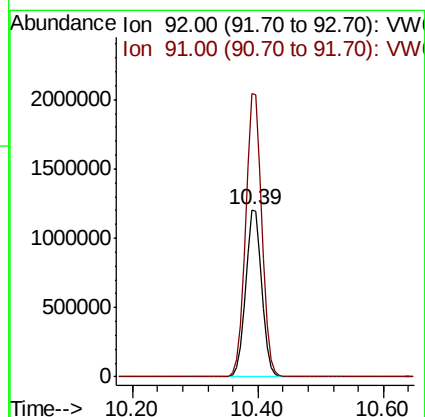
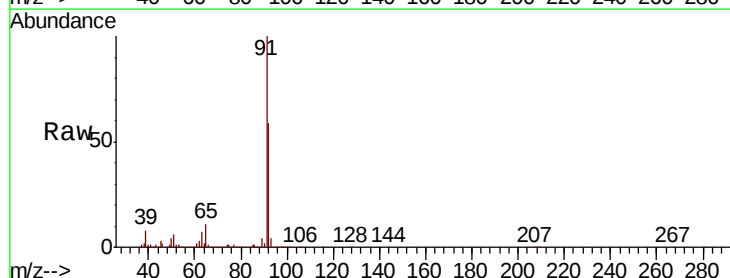
Acq: 29 Aug 2018 14:44

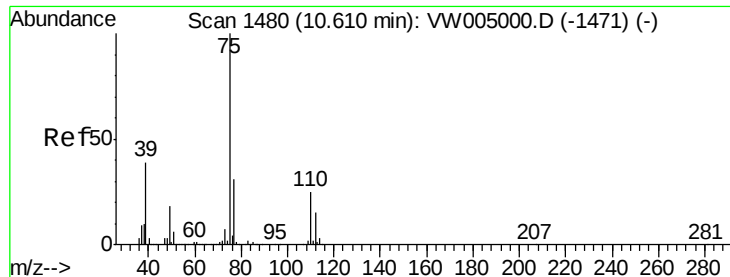
Tgt Ion: 92 Resp: 2121309

Ion Ratio Lower Upper

92 100

91 171.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 160.022 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 871550

Ion Ratio Lower Upper

75 100

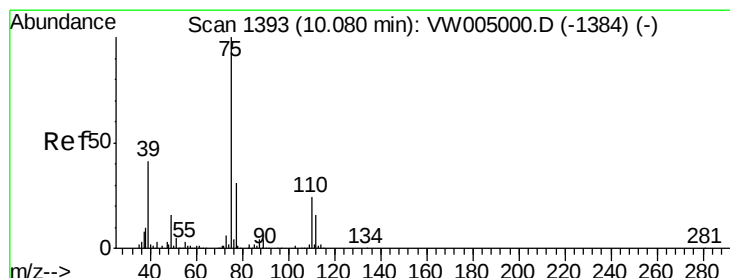
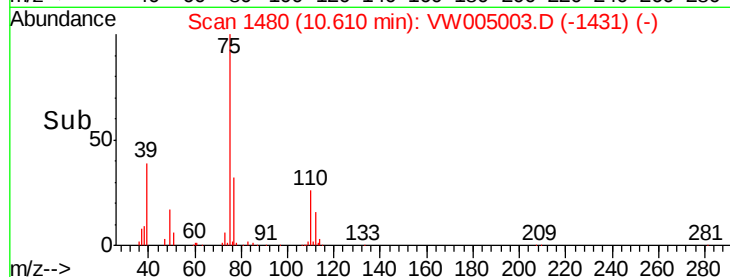
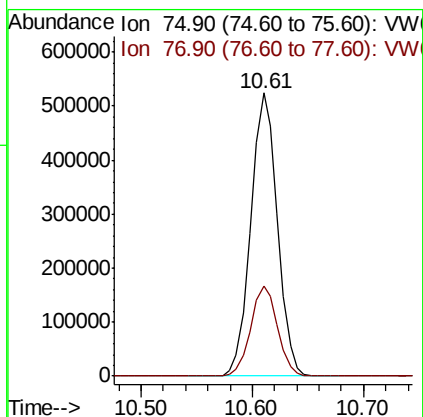
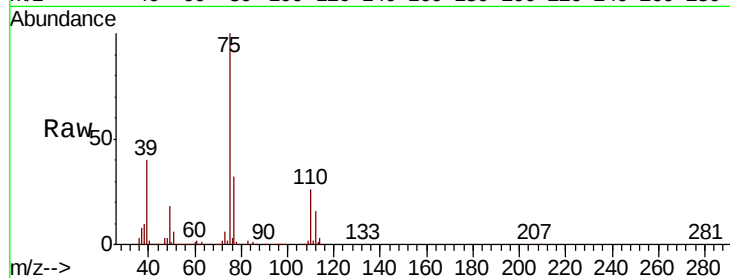
77 31.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 155.795 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

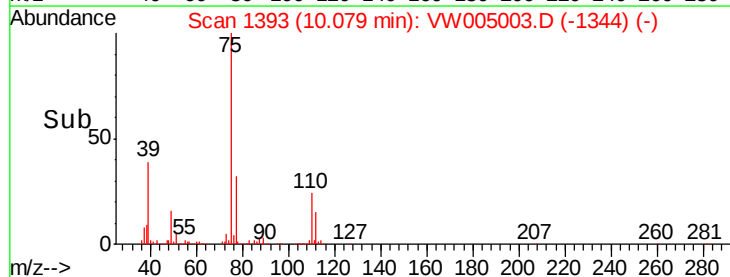
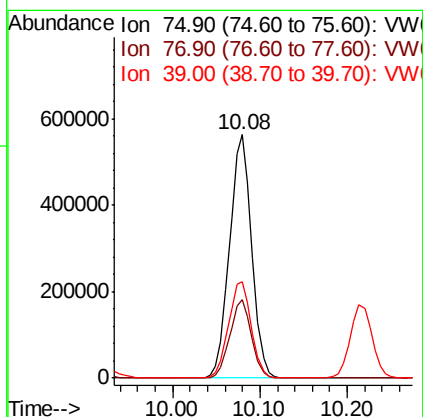
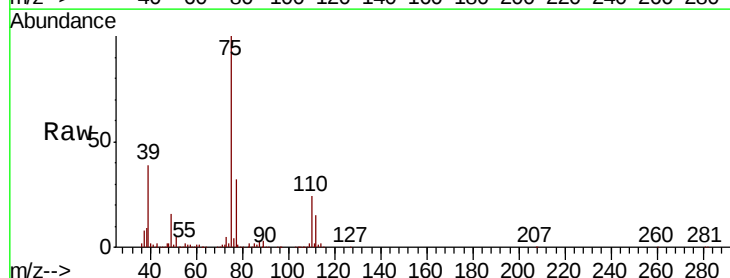
Tgt Ion: 75 Resp: 989477

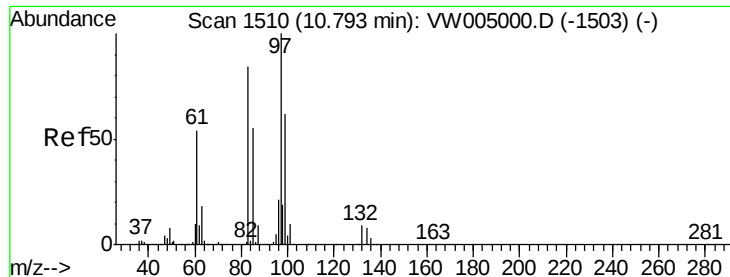
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 39.4 32.9 49.3





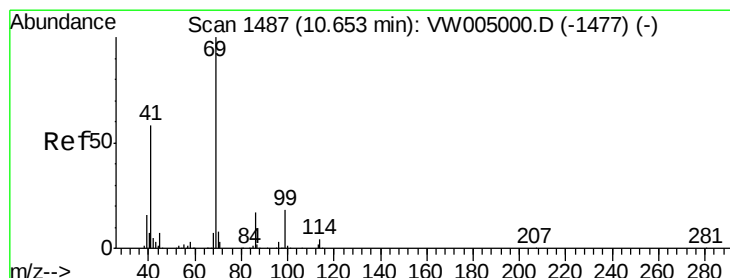
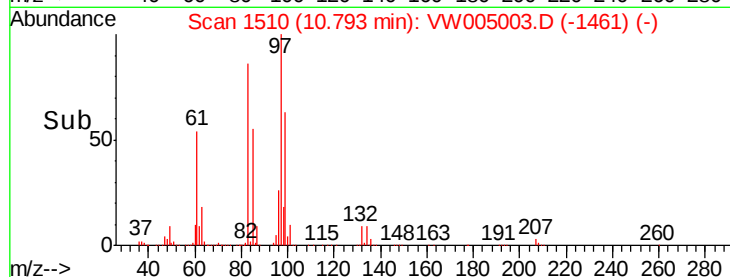
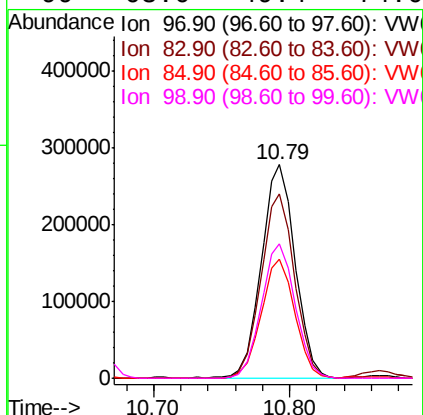
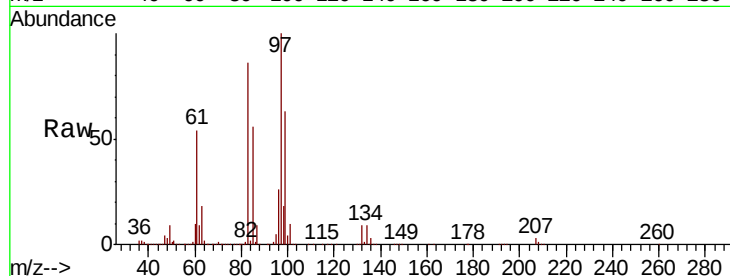
#55
 1,1,2-Trichloroethane
 Concen: 143.553 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	484953
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.3	100.9
85	55.5	44.3	66.5
99	63.0	49.4	74.0

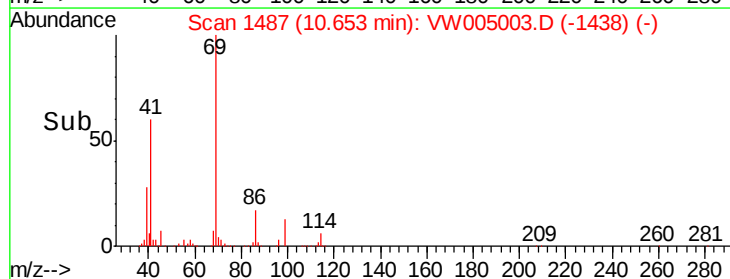
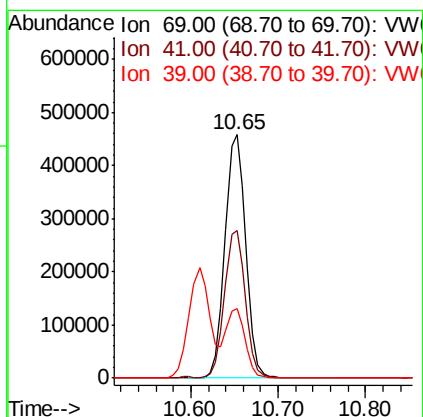
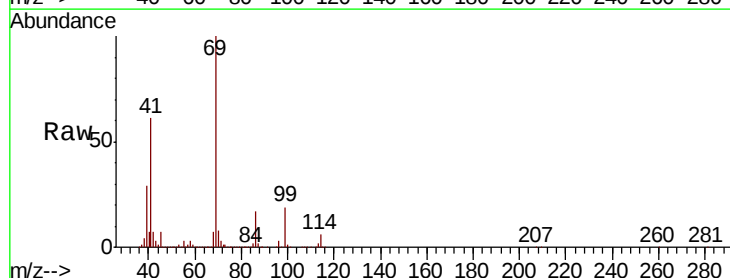
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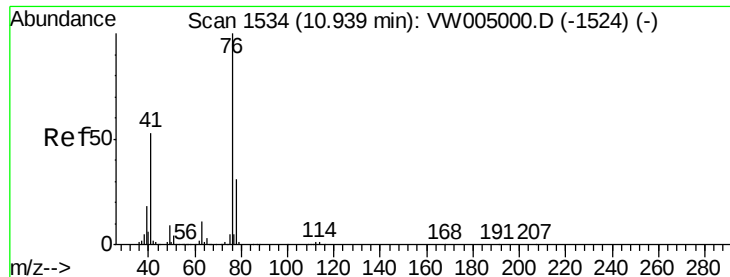
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#56
 Ethyl methacrylate
 Concen: 169.763 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion:	69	Resp:	752233
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.7	71.5
39	25.6	21.0	31.6





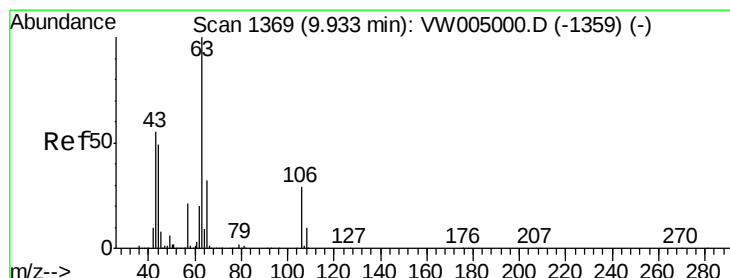
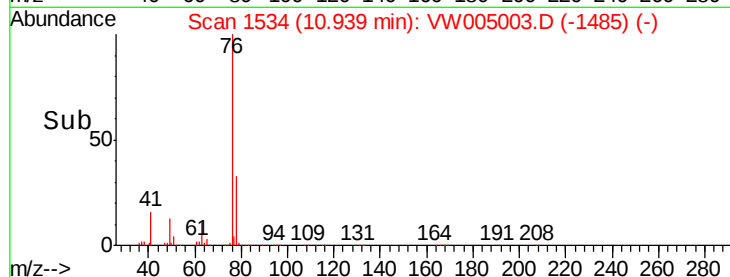
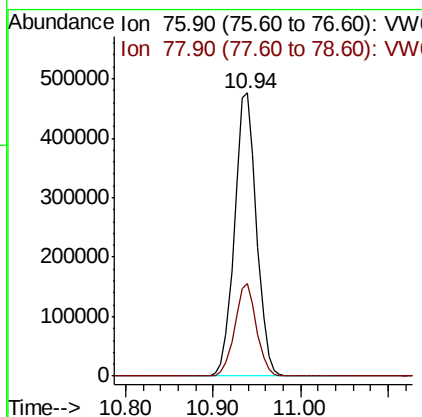
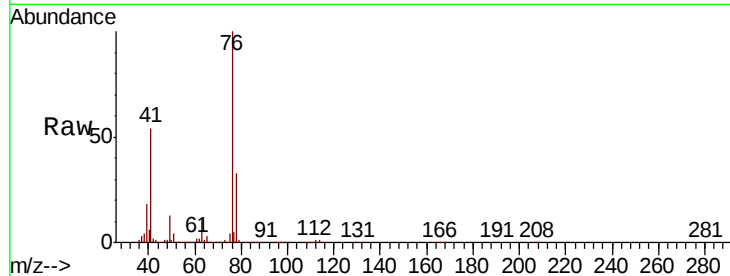
#57
 1,3-Dichloropropane
 Concen: 149.808 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

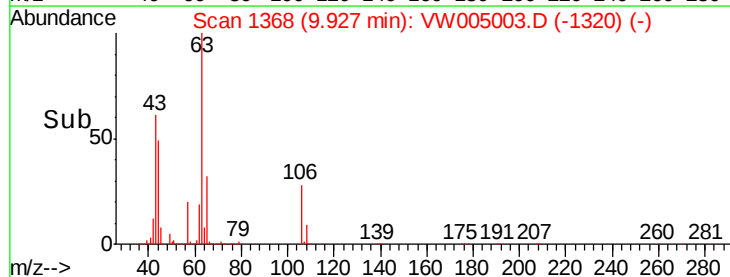
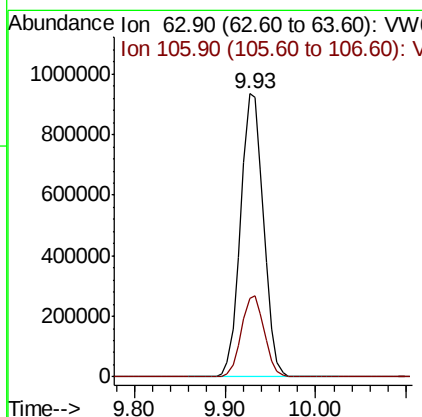
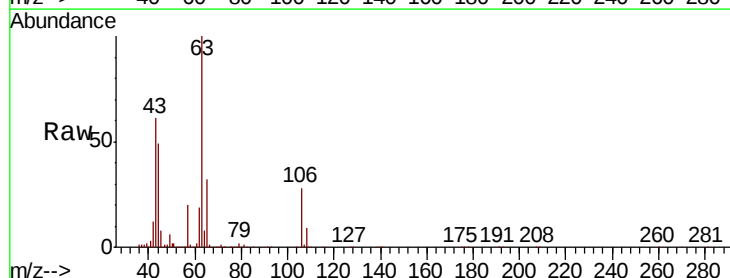
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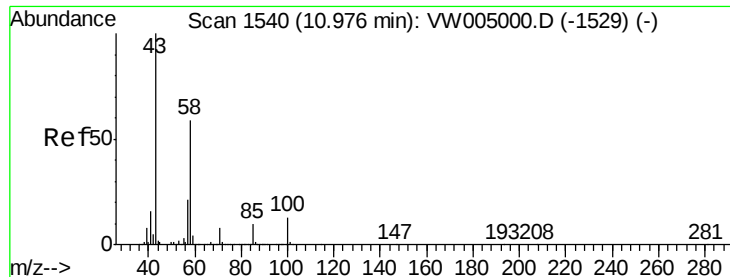
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#58
 2-Chloroethyl Vinyl ether
 Concen: 855.945 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.2	34.8





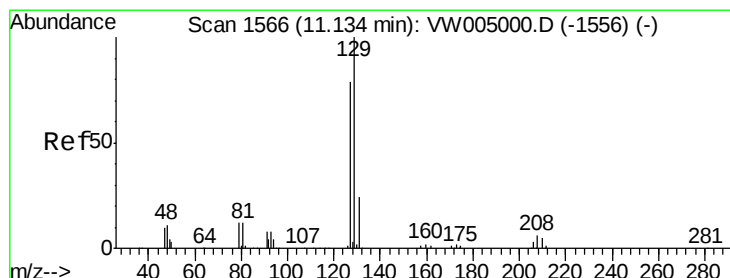
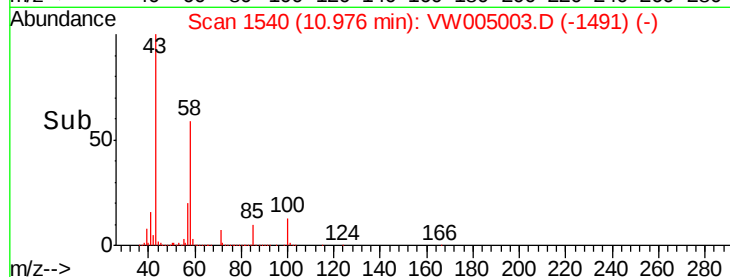
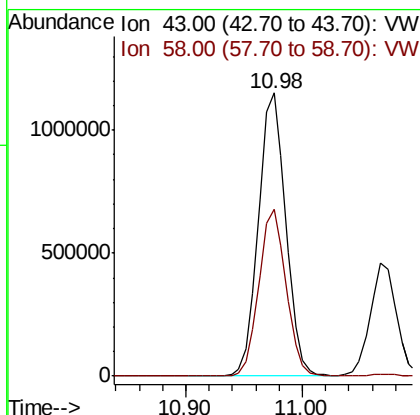
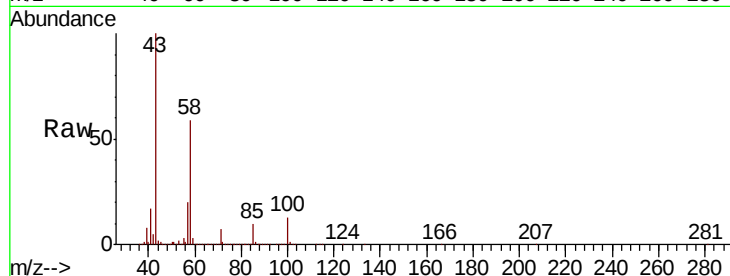
#59
2-Hexanone
Concen: 809.609 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampled :
VSTDICC150

Tot Ion: 43 Resp: 1874885
Ion Ratio Lower Upper
43 100
58 58.6 29.2 87.6

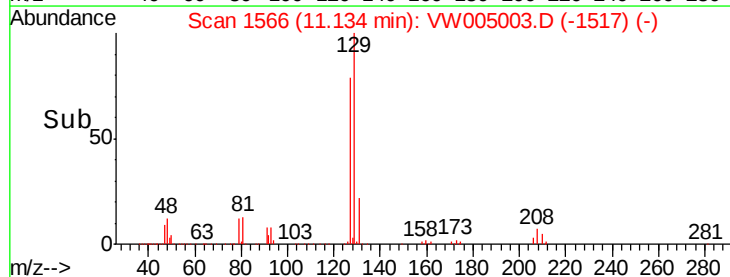
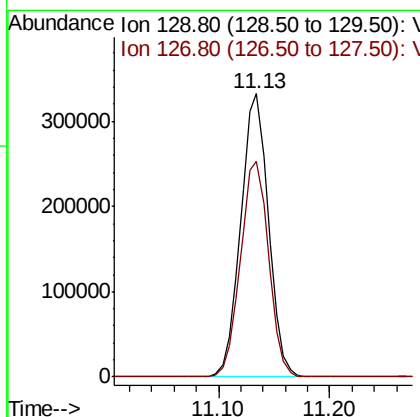
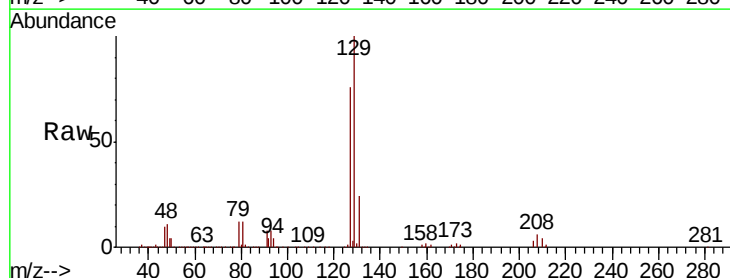
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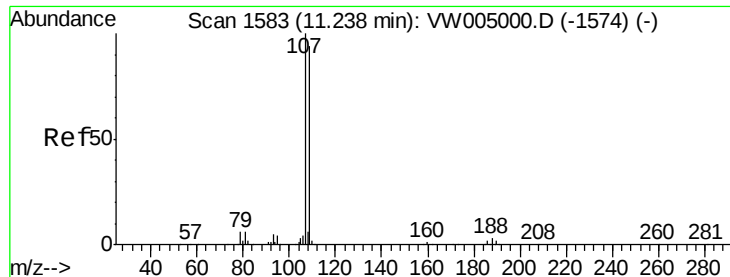
apatel
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#60
Dibromochloromethane
Concen: 154.566 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion: 129 Resp: 573068
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8





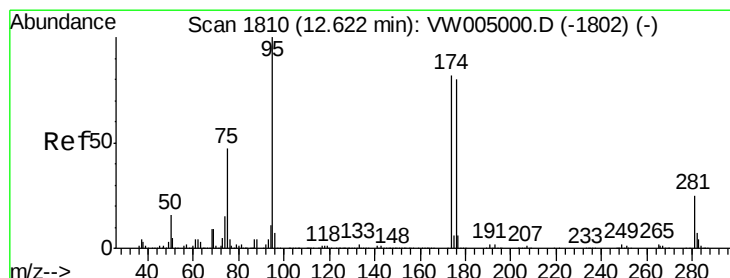
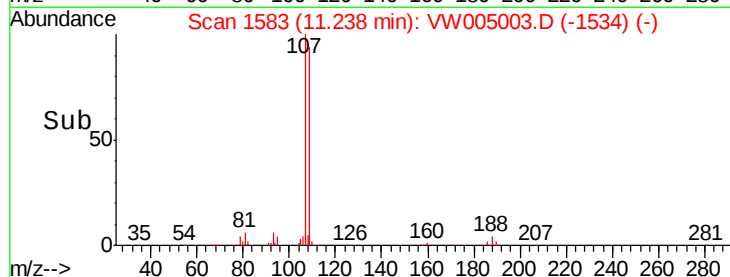
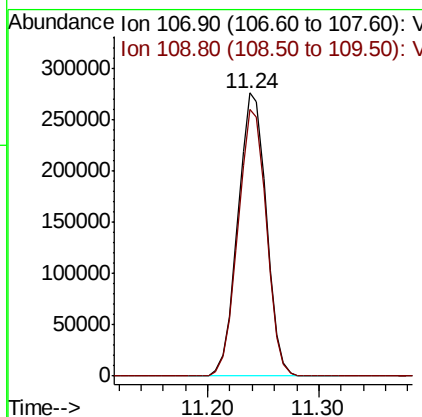
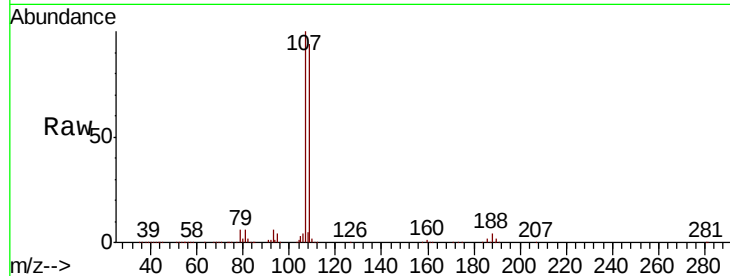
#61
 1,2-Dibromoethane
 Concen: 154.136 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 107 Resp: 488162
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.2 112.8

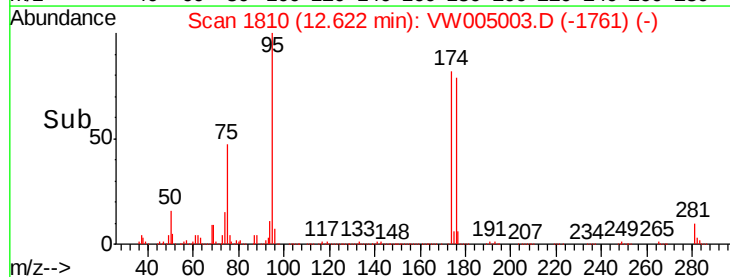
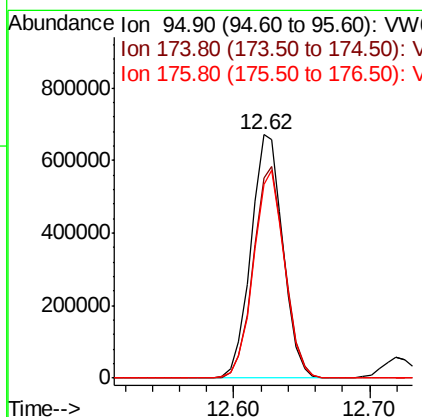
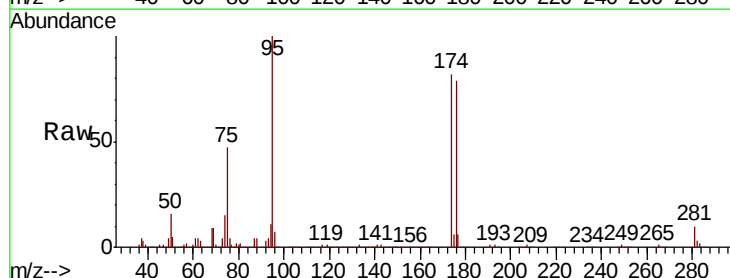
Manual Integrations
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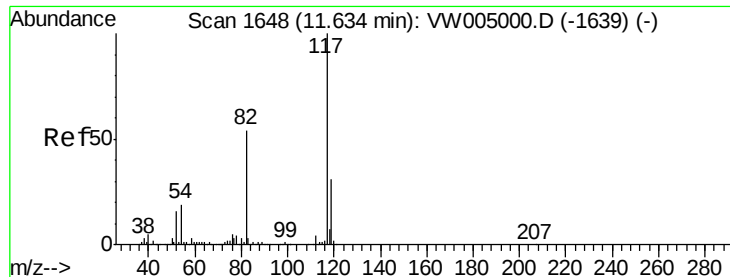
apatel
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#62
 4-Bromofluorobenzene
 Concen: 158.389 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion: 95 Resp: 1104056
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 173.4
 176 83.4 0.0 167.8





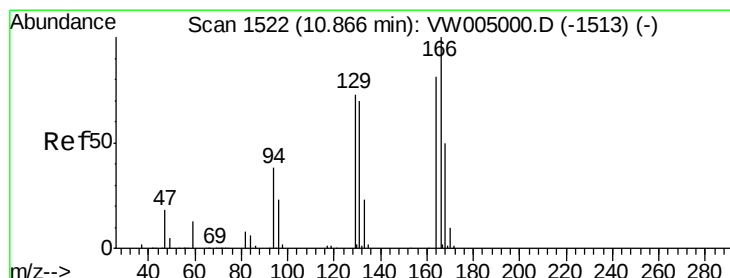
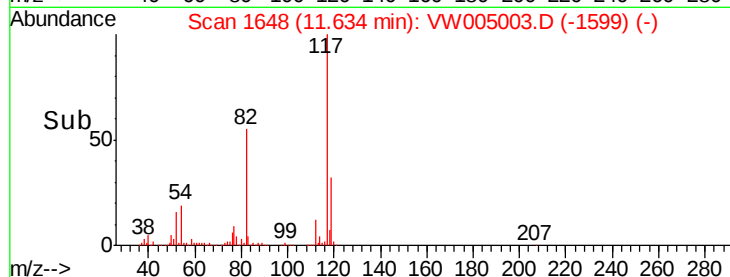
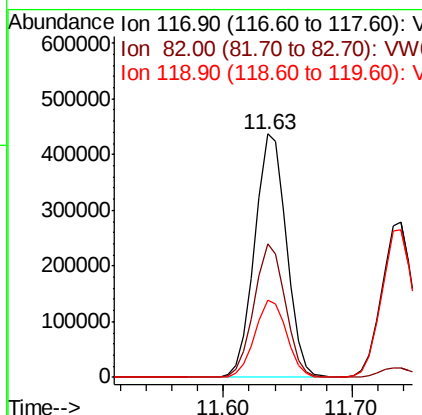
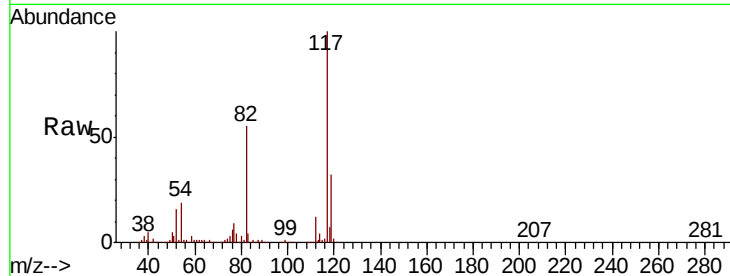
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	31.8	25.0	37.6

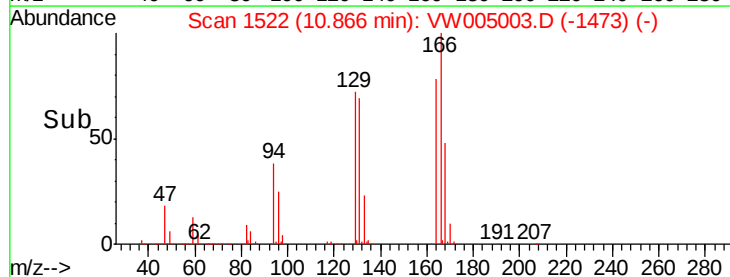
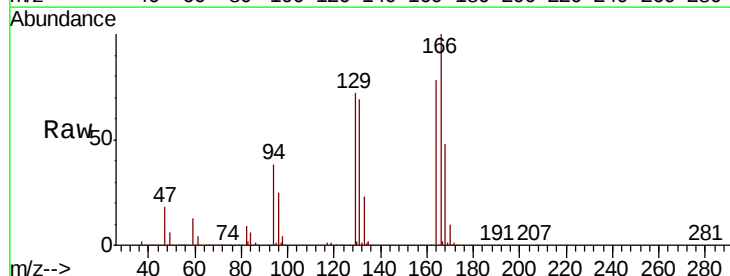
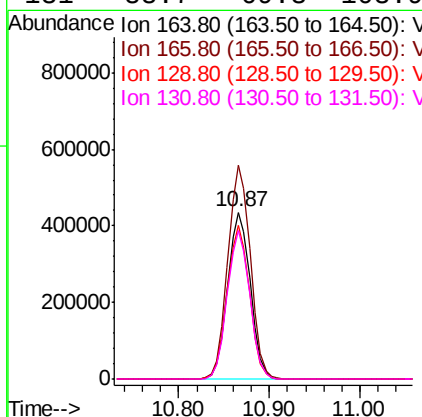
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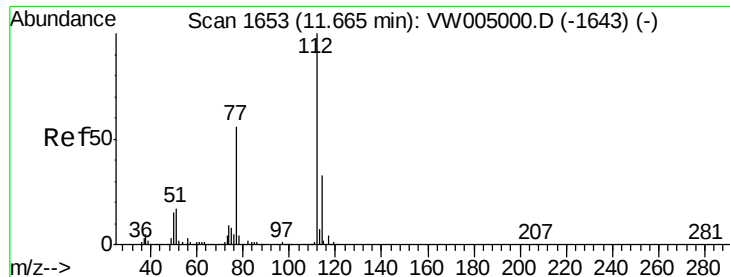
apatel
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#64
Tetrachloroethene
Concen: 138.957 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	92.0	72.2	108.2
131	88.7	69.3	103.9





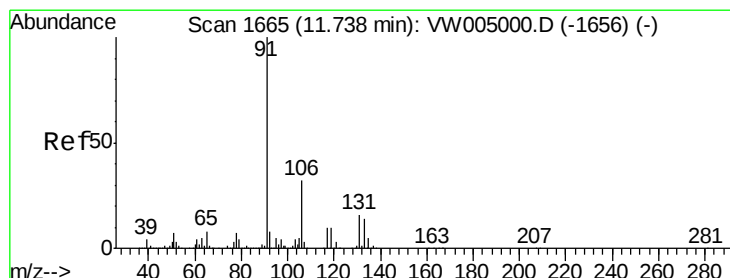
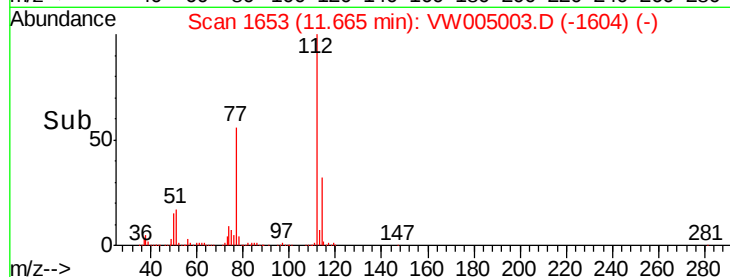
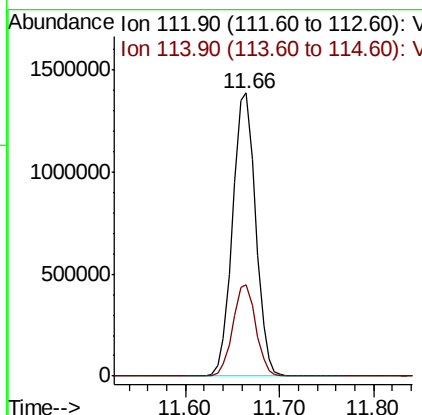
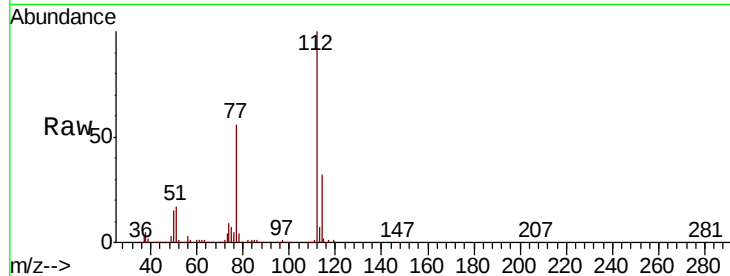
#65
Chlorobenzene
Concen: 145.240 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2364324
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

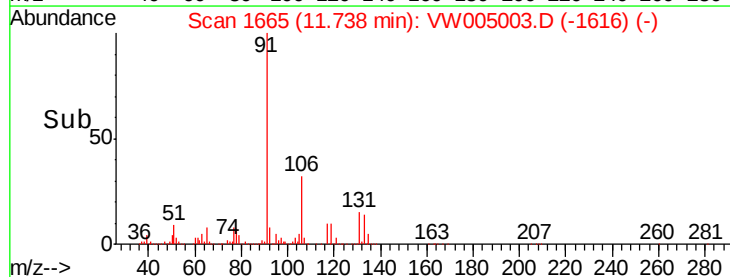
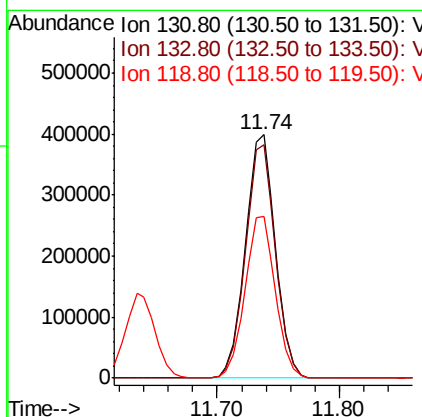
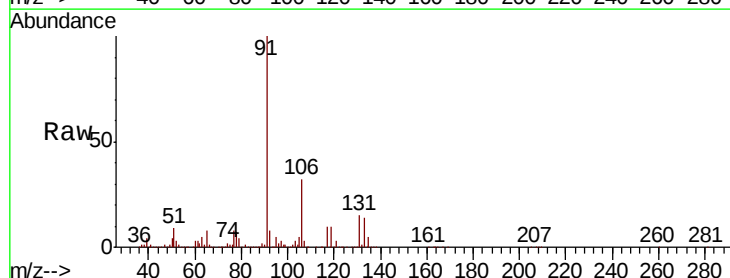
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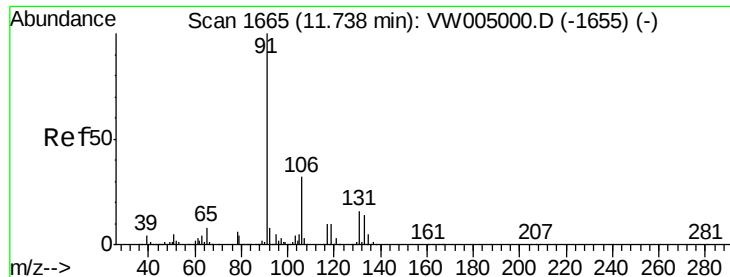
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#66
1,1,1,2-Tetrachloroethane
Concen: 151.624 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion:131 Resp: 677919
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 67.1 33.1 99.3





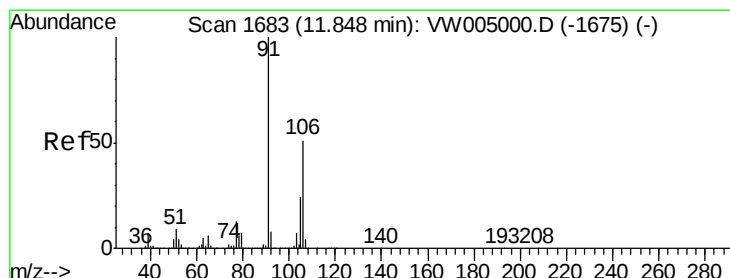
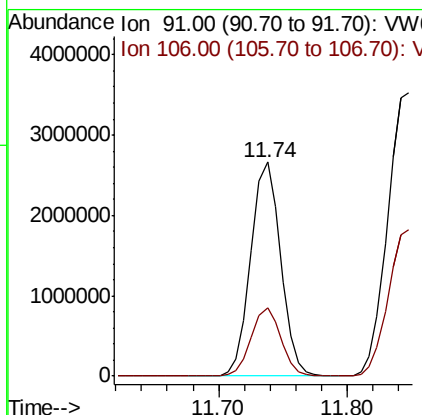
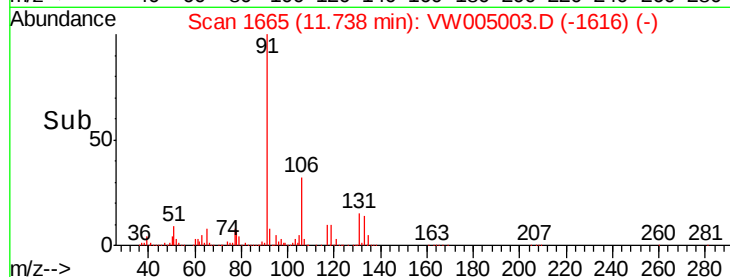
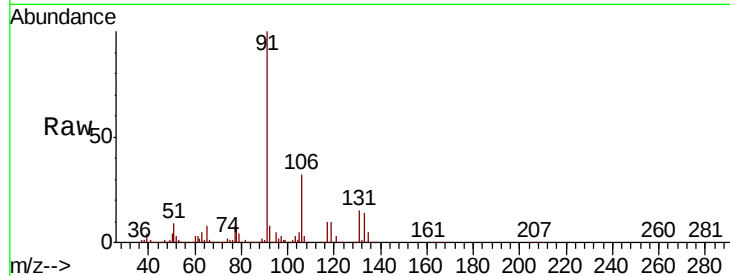
#67
Ethyl Benzene
Concen: 152.871 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 4261092
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

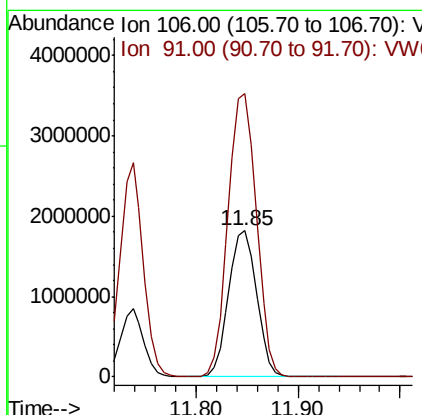
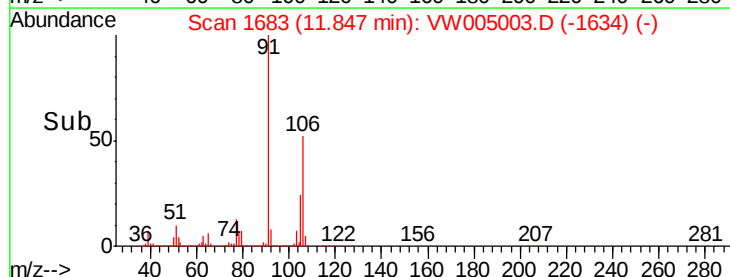
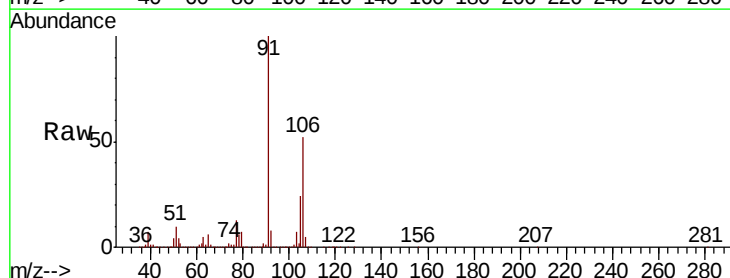
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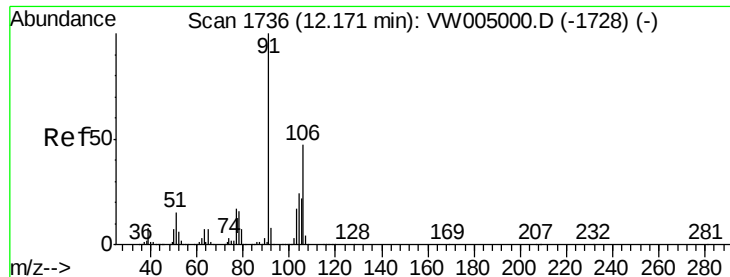
apatel
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#68
m/p-Xylenes
Concen: 304.538 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion: 106 Resp: 3462258
Ion Ratio Lower Upper
106 100
91 196.4 158.4 237.6





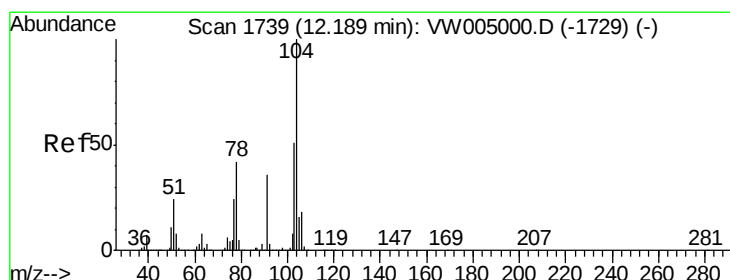
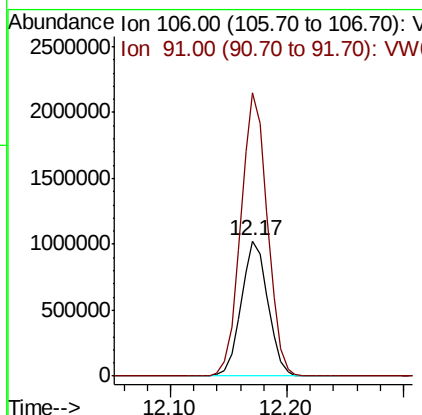
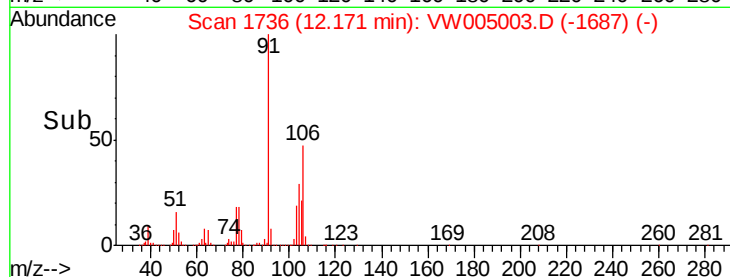
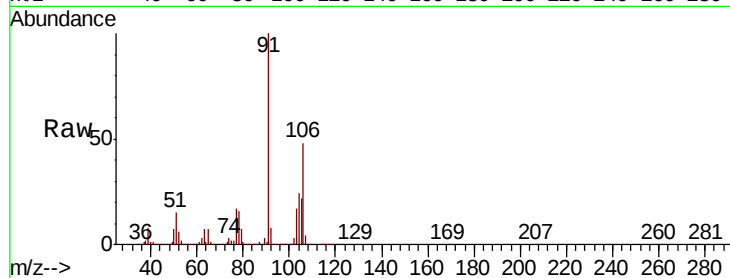
#69
o-Xylene
Concen: 157.554 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1636725
Ion Ratio Lower Upper
106 100
91 209.5 104.4 313.1

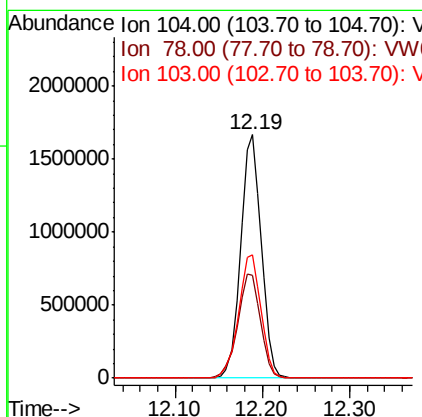
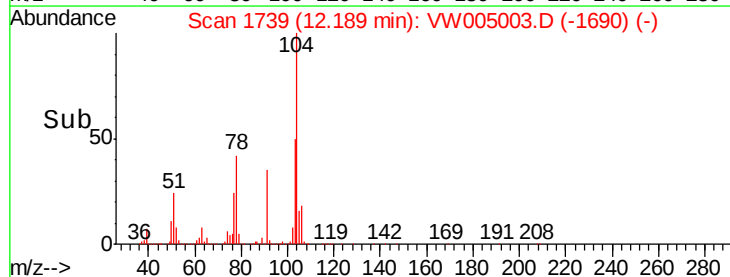
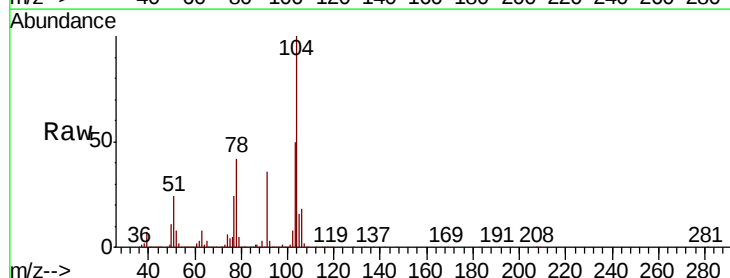
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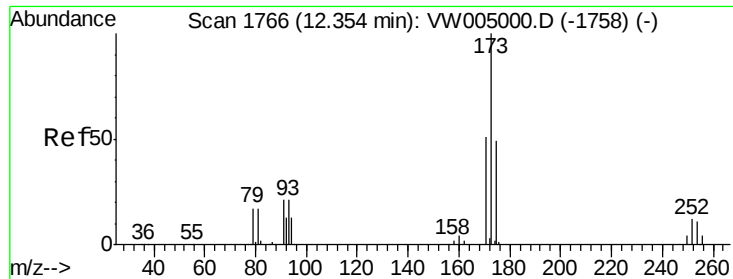
apatel
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#70
Styrene
Concen: 158.198 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion:104 Resp: 2726186
Ion Ratio Lower Upper
104 100
78 47.5 37.6 56.4
103 55.2 43.9 65.9





#71

Bromoform

Concen: 155.352 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

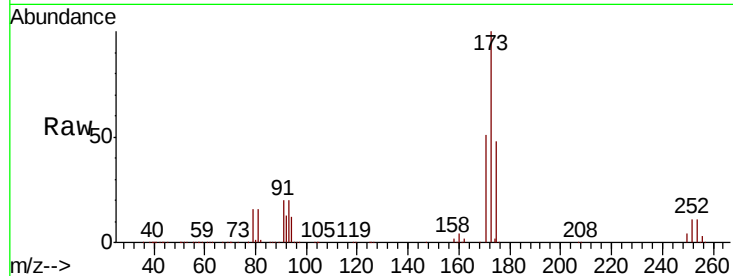
ClientSampleId :

VSTDIC150

Tot Ion:	173	Resp:	386209
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.3	73.0
254	0.1	0.1	0.1

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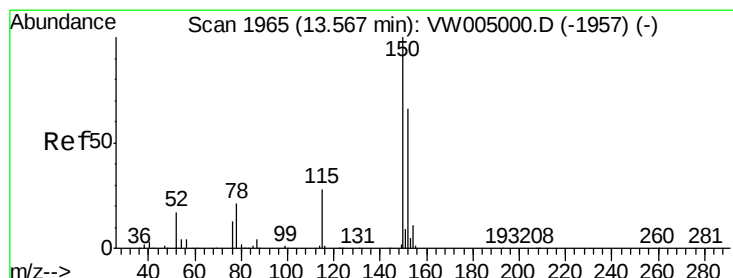
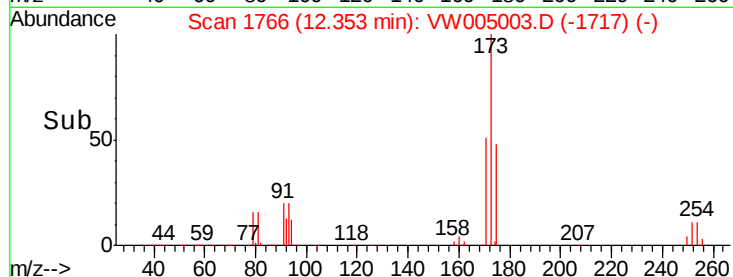
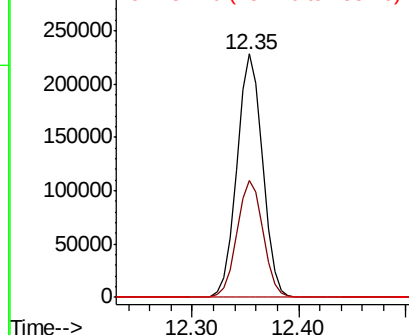


Abundance

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: 50.000 ug/l

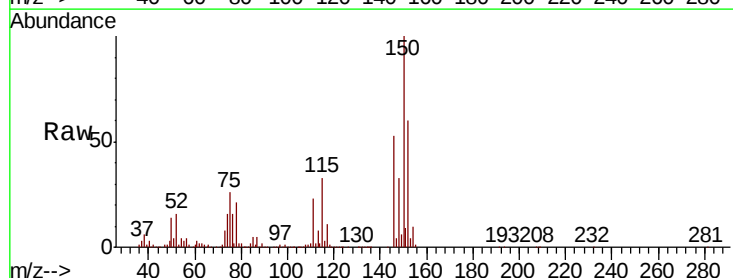
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	152	Resp:	412366
Ion Ratio	Lower	Upper	
152	100		
115	55.4	28.0	83.9
150	205.9	0.0	347.2

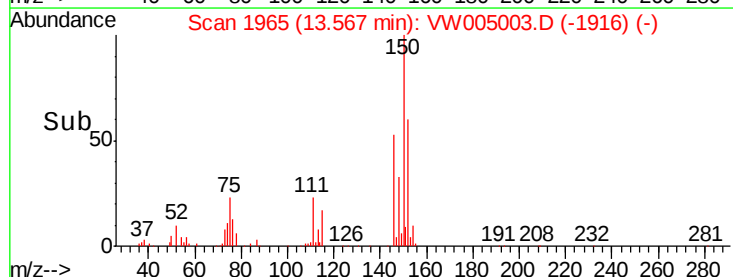
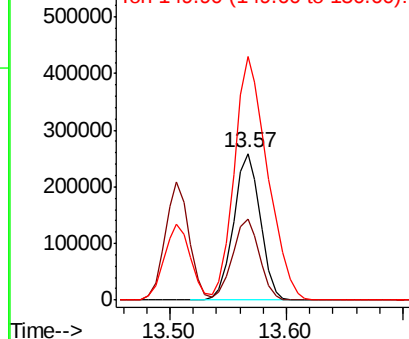


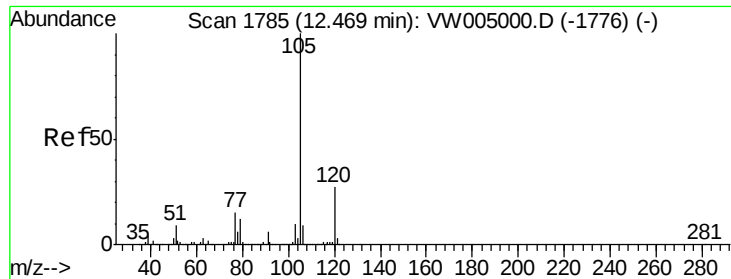
Abundance

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: 157.782 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 105 Resp: 4337308

Ion Ratio Lower Upper

105 100

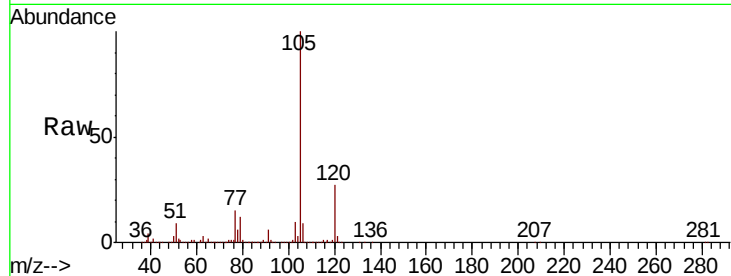
120 26.9 13.4 40.2

Manual Integrations

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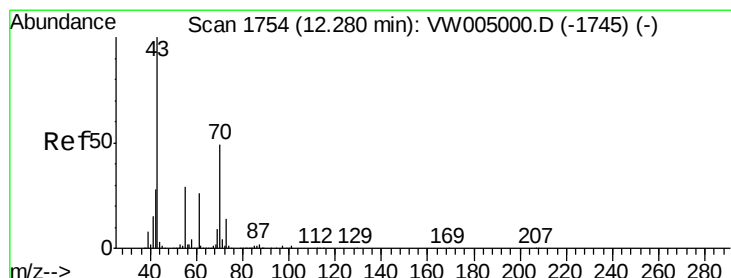
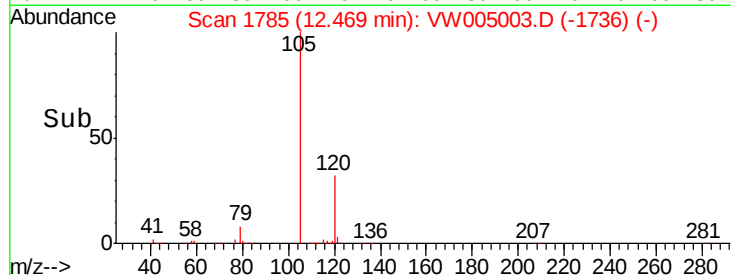
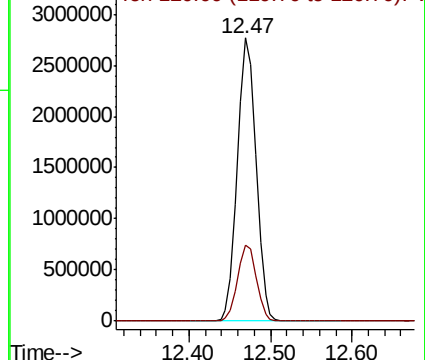
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 166.933 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion: 43 Resp: 865966

Ion Ratio Lower Upper

43 100

70 46.3 38.6 57.8

55 26.6 23.6 35.4

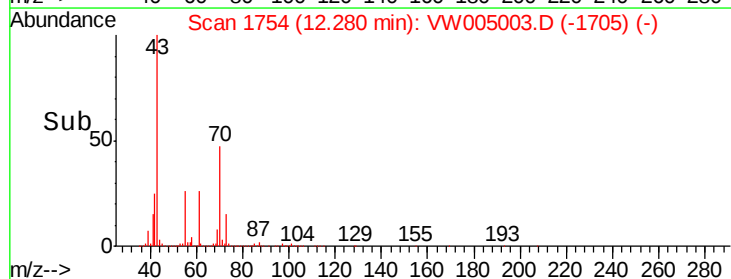
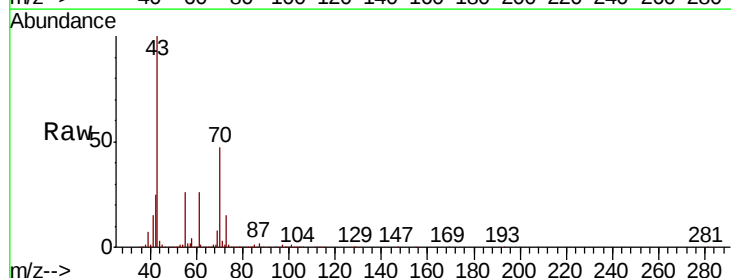
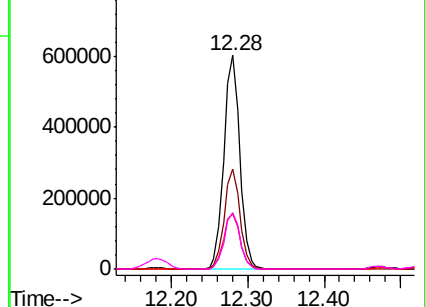
61 26.3 21.0 31.6

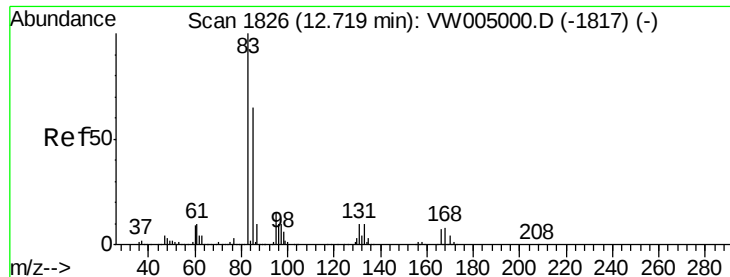
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 148.438 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

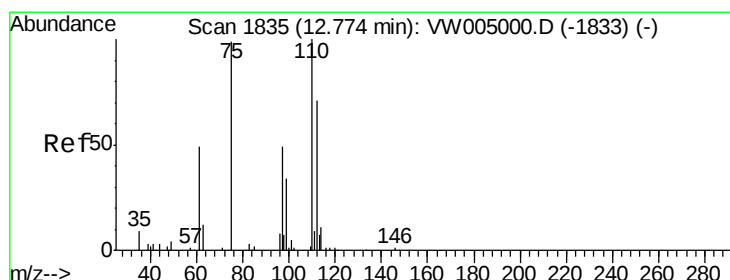
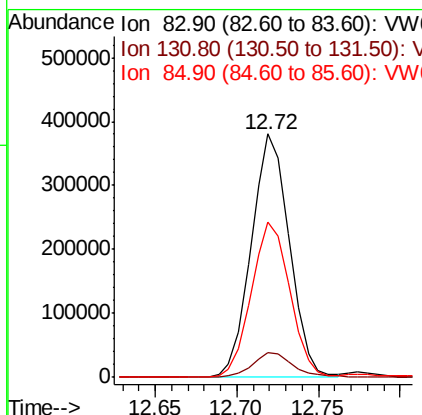
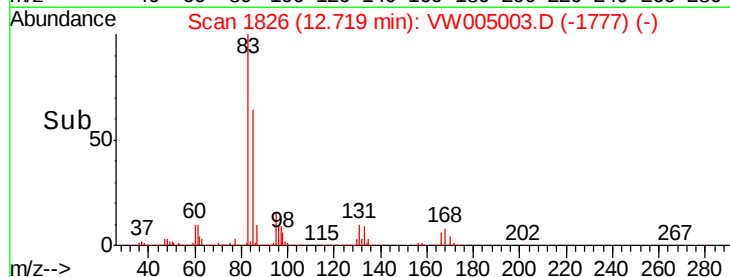
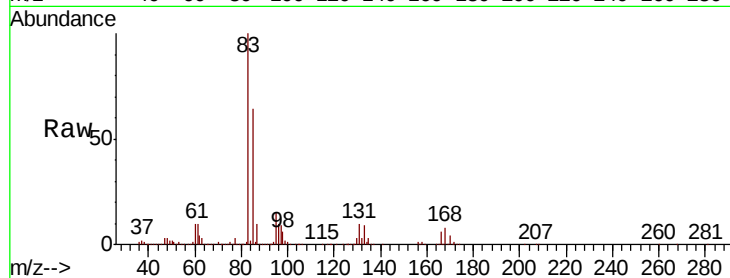
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	617814
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 81.429 ug/l m

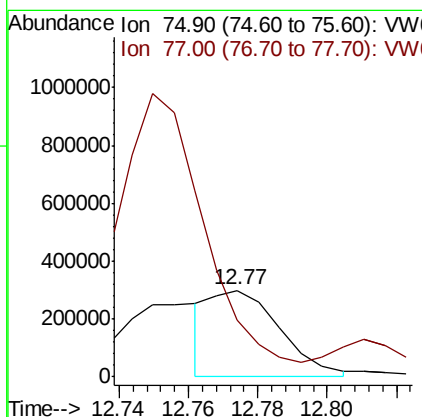
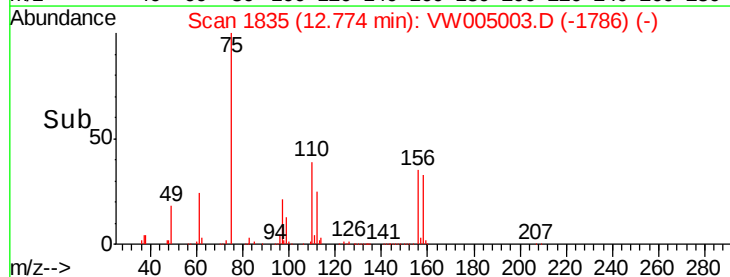
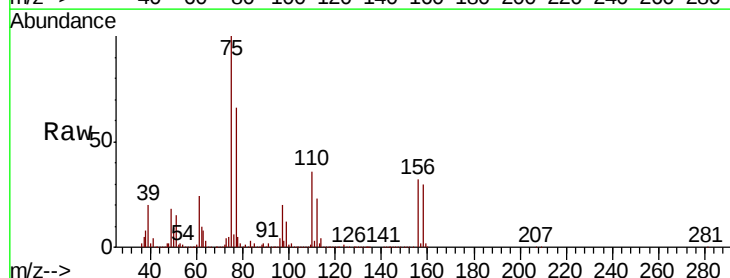
RT: 12.77 min Scan# 1835

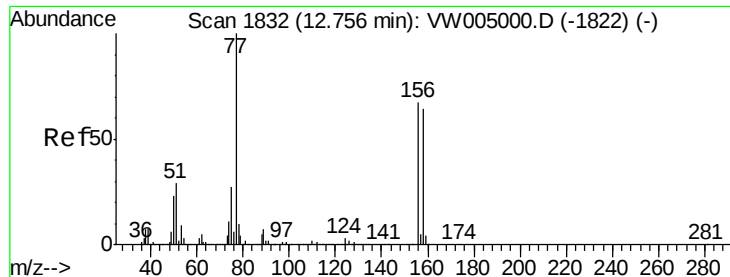
Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	75	Resp:	419152
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 149.128 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1005811

Ion Ratio Lower Upper

156 100

77 174.6 86.9 260.6

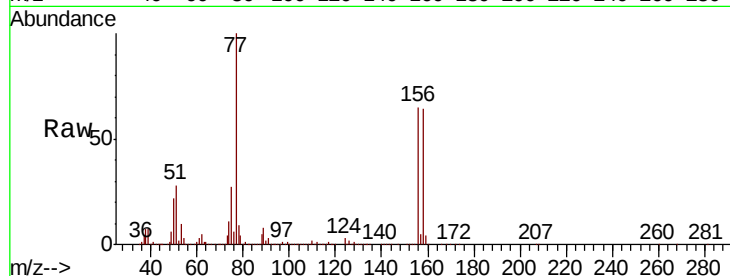
158 97.4 48.6 145.9

Manual Integrations

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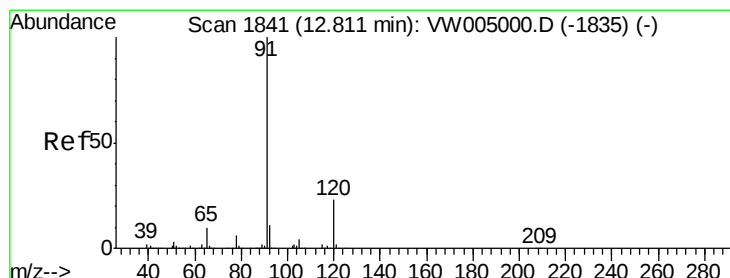
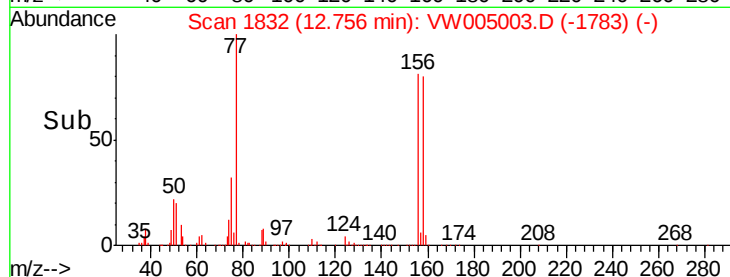
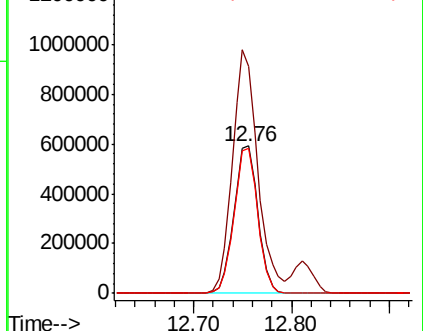
8/30/2018 12:43:48 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 154.476 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005003.D

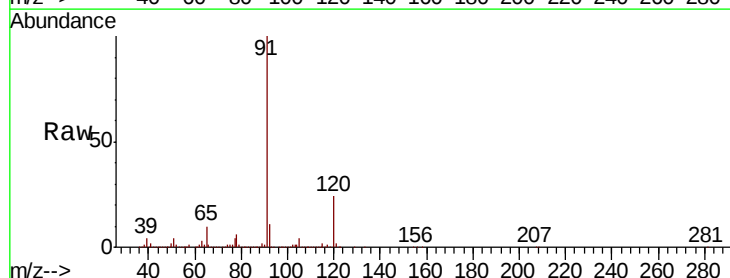
Acq: 29 Aug 2018 14:44

Tgt Ion: 91 Resp: 5237934

Ion Ratio Lower Upper

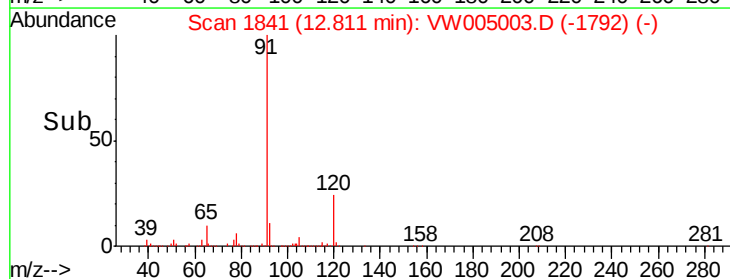
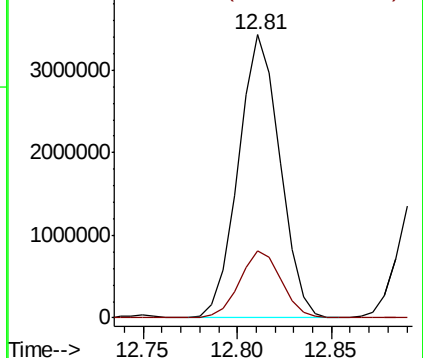
91 100

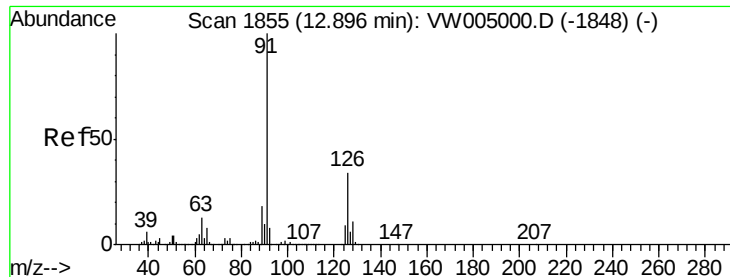
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 151.793 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2972705

Ion Ratio Lower Upper

91 100

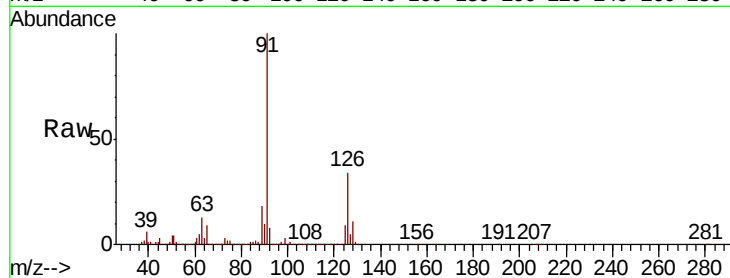
126 34.6 17.3 52.0

Manual Integrations

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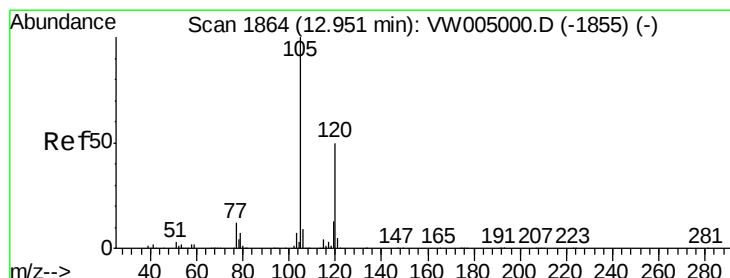
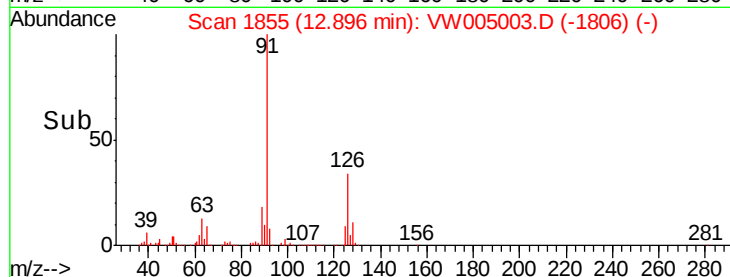
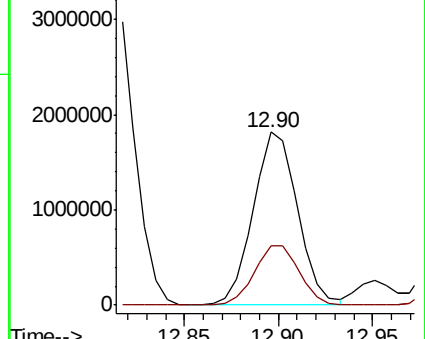
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 157.934 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005003.D

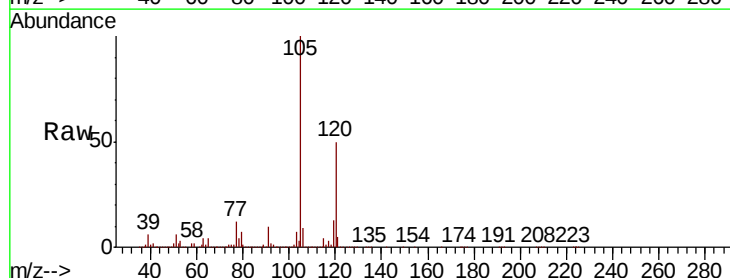
Acq: 29 Aug 2018 14:44

Tgt Ion:105 Resp: 3835741

Ion Ratio Lower Upper

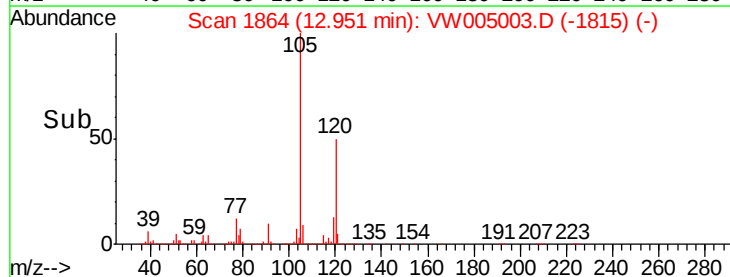
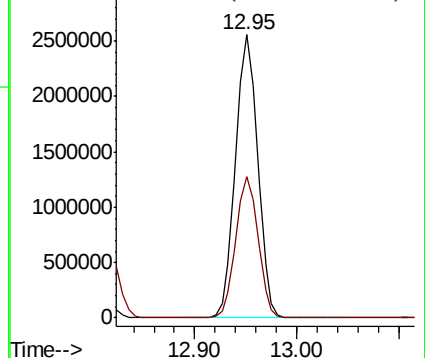
105 100

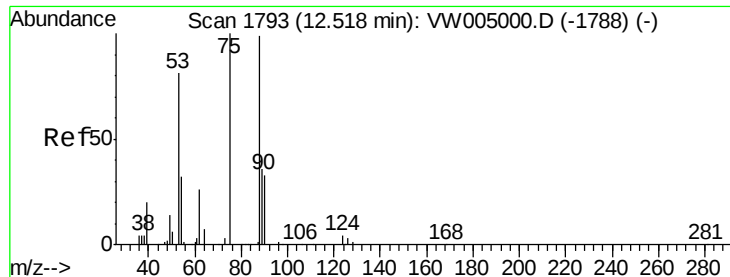
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





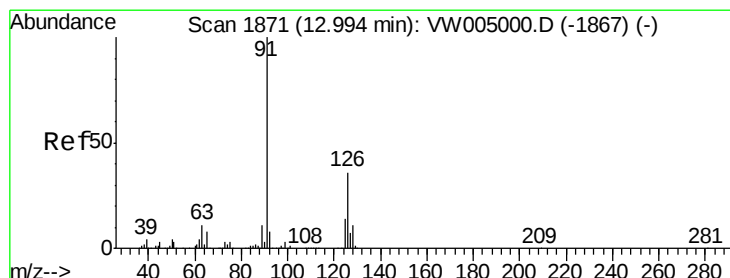
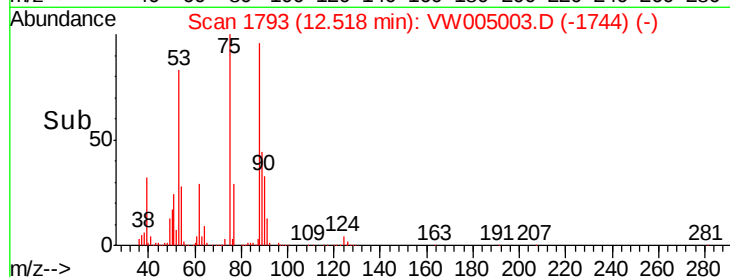
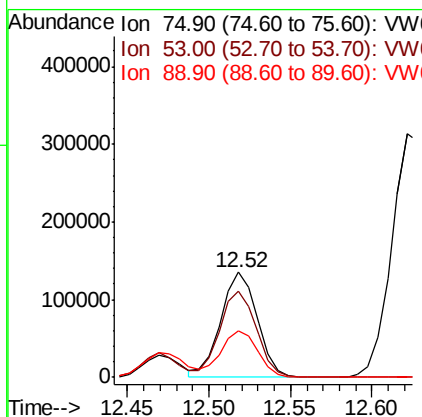
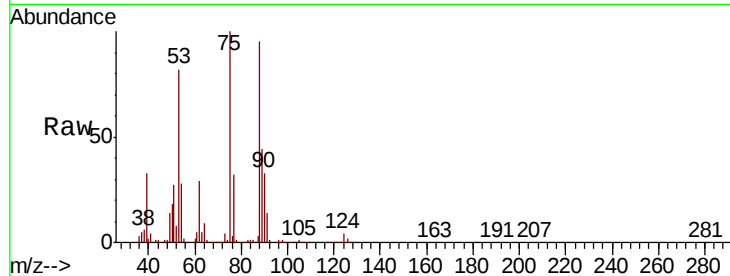
#81
trans-1,4-Dichloro-2-butene
Concen: 161.521 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.4	101.2
89	45.5	35.0	52.6

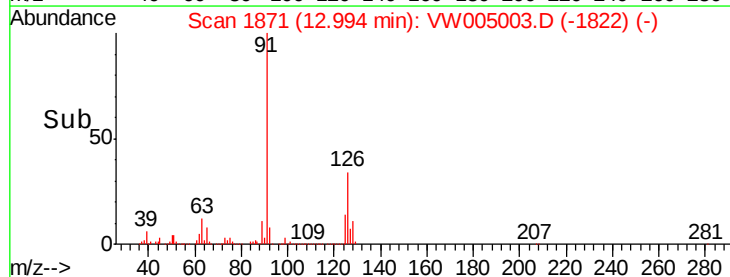
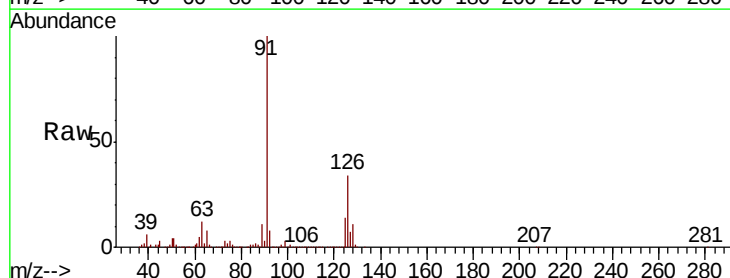
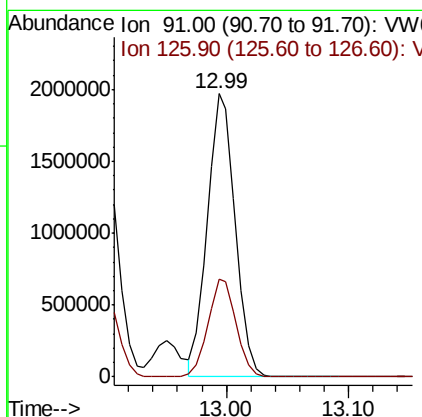
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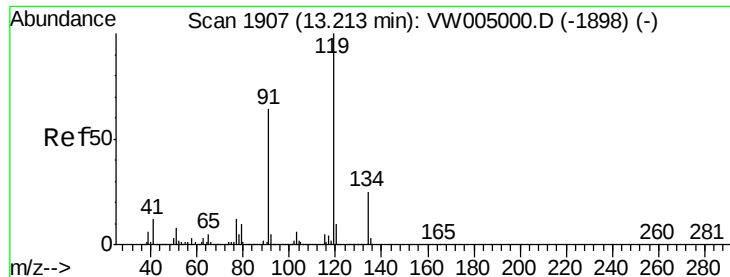
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#82
4-Chlorotoluene
Concen: 149.057 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5





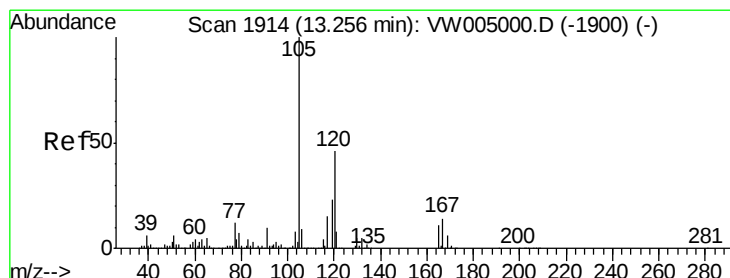
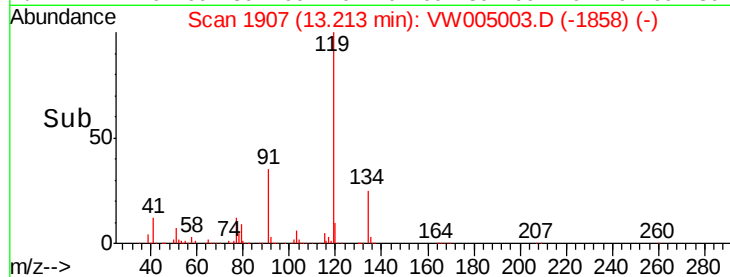
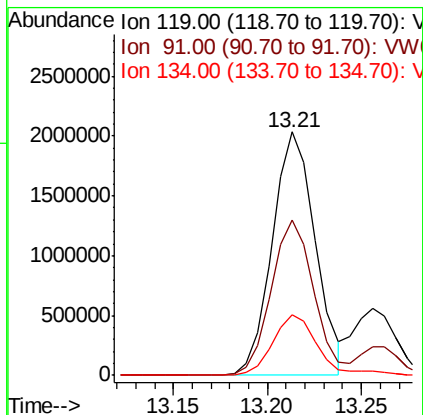
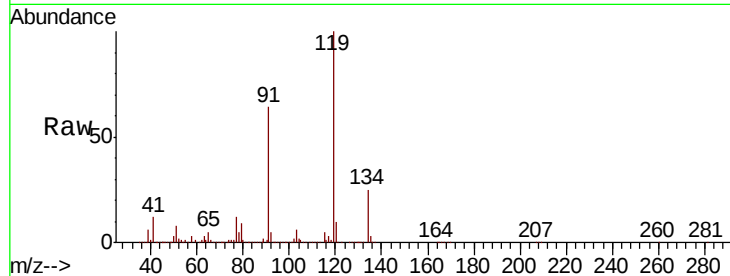
#83
tert-Butylbenzene
Concen: 157.779 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.9	95.5
134	26.0	13.2	39.5

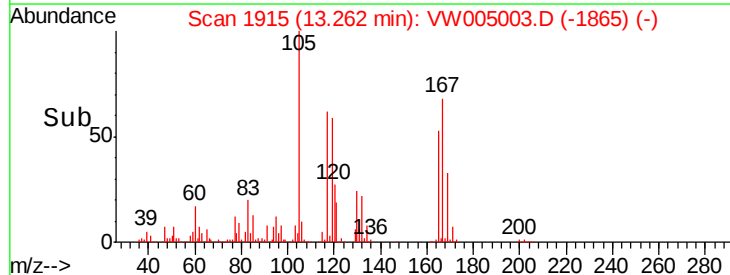
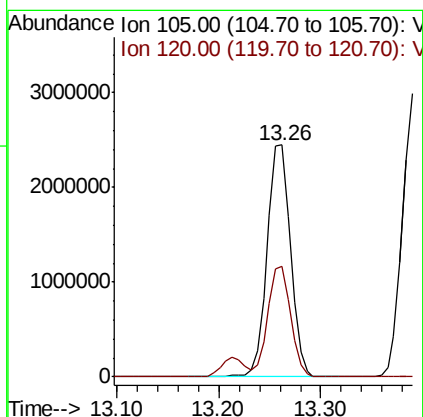
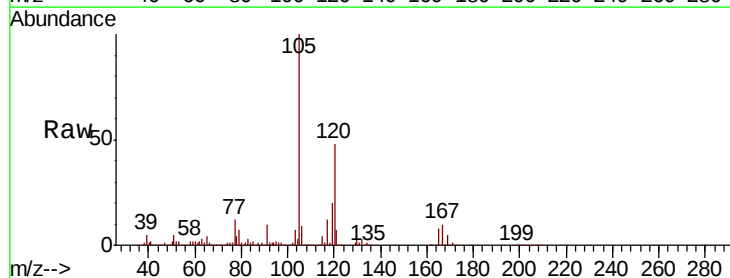
Manual Integrations
APPROVED

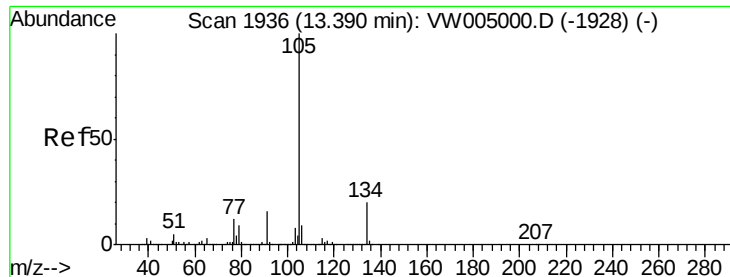
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 158.407 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.7





#85

sec-Butylbenzene

Concen: 153.877 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4607700

Ion Ratio Lower Upper

105 100

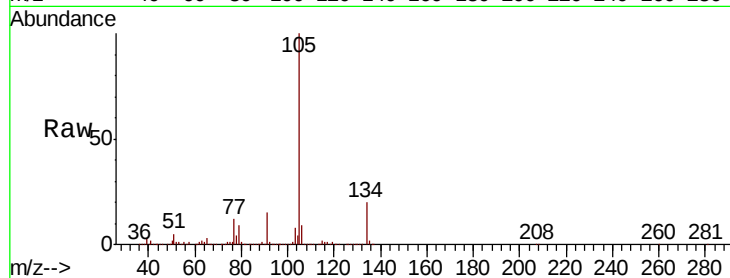
134 20.3 10.1 30.3

Manual Integrations

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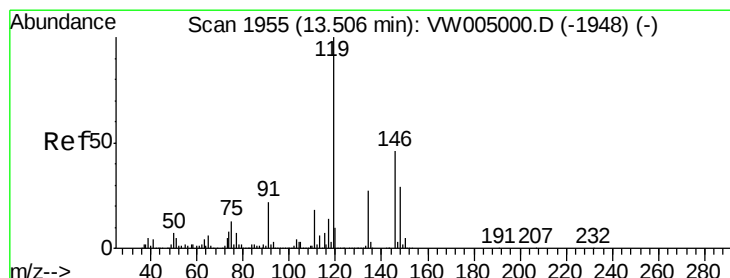
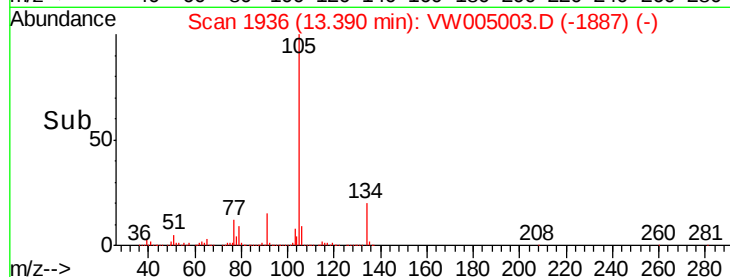
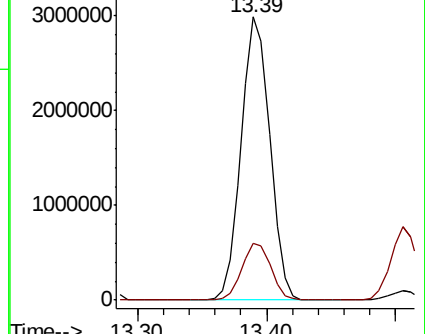
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 157.600 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

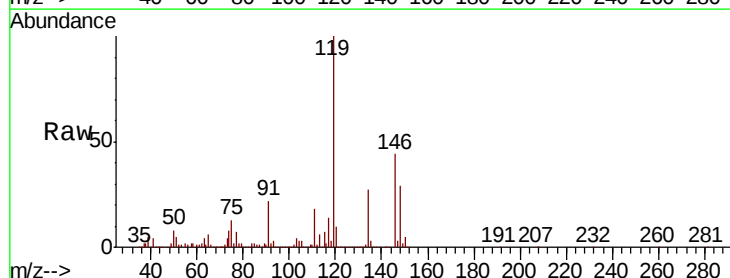
Tgt Ion:119 Resp: 4227930

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

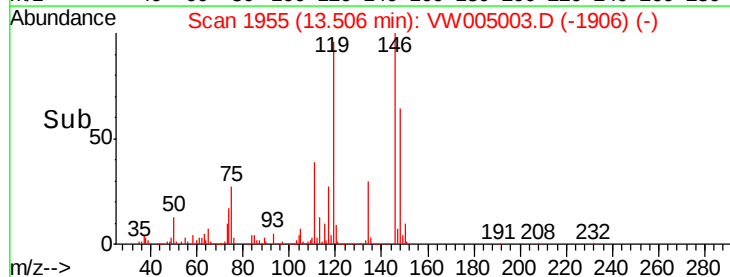
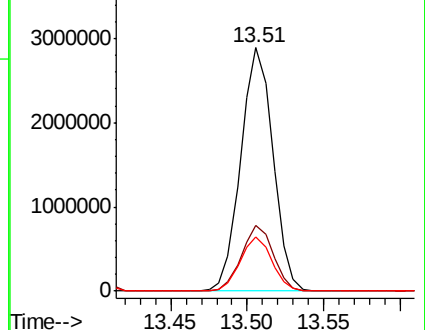
91 21.9 10.9 32.9

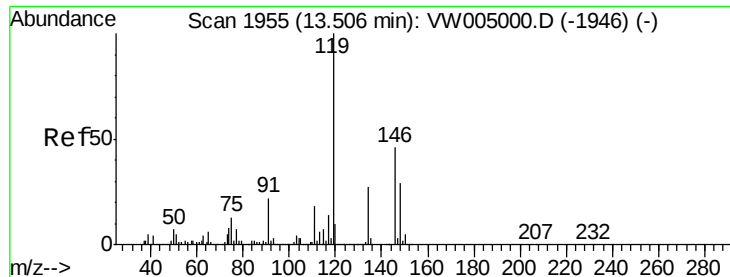


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 144.955 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 2072583

Ion Ratio Lower Upper

146 100

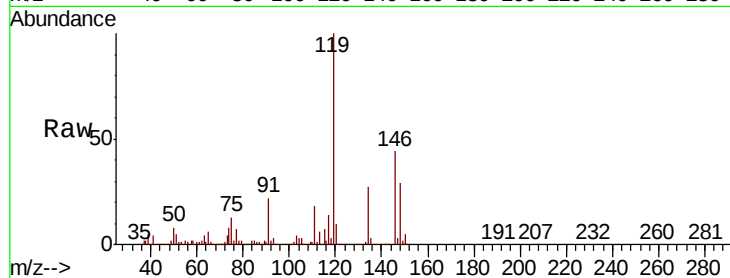
111 39.0 19.3 57.8

148 63.9 31.6 94.7

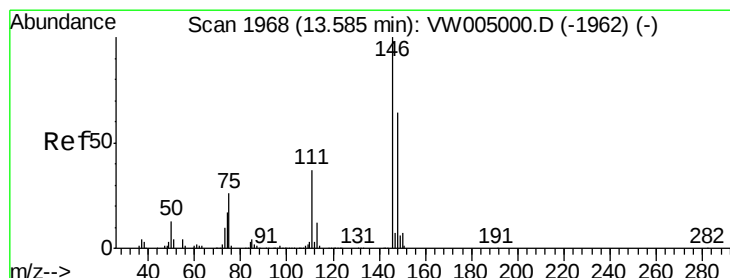
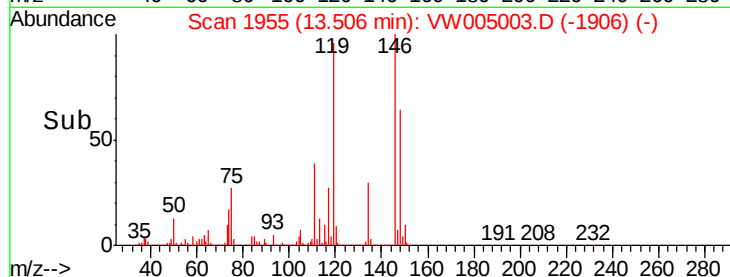
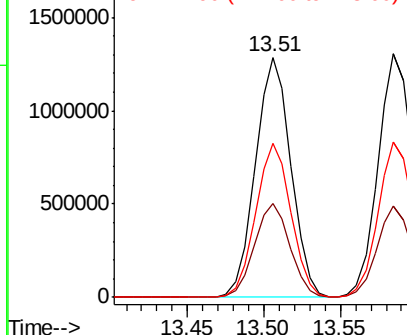
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 144.663 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

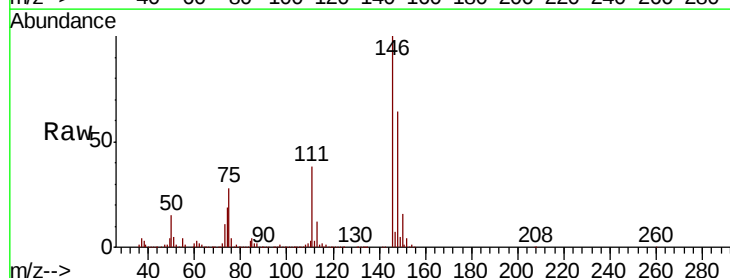
Tgt Ion:146 Resp: 2048850

Ion Ratio Lower Upper

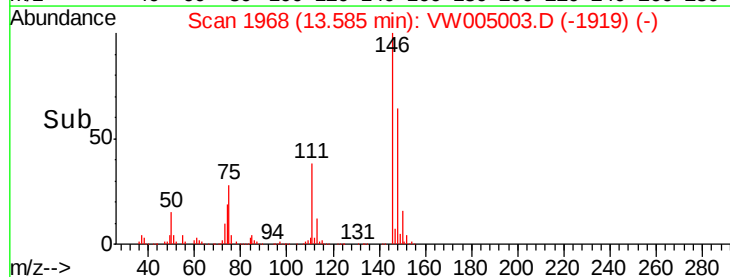
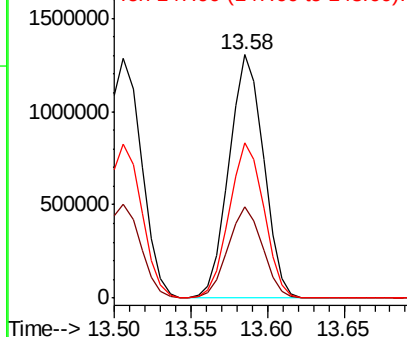
146 100

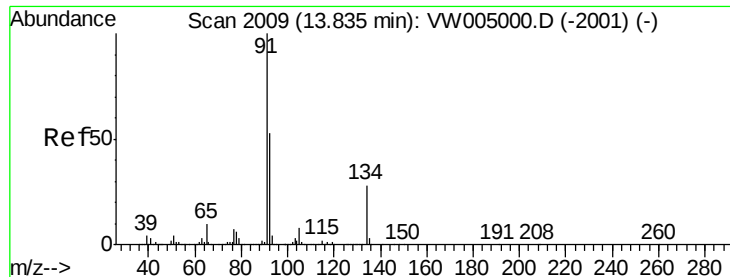
111 37.3 18.7 56.1

148 63.8 31.7 95.1



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





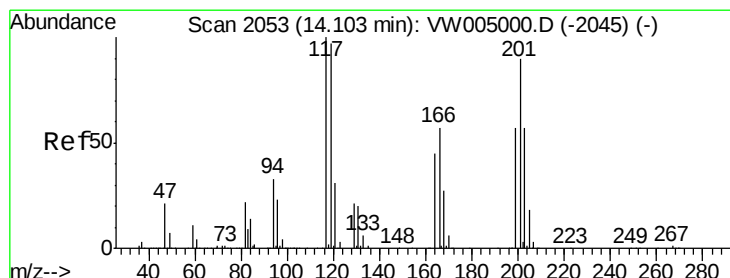
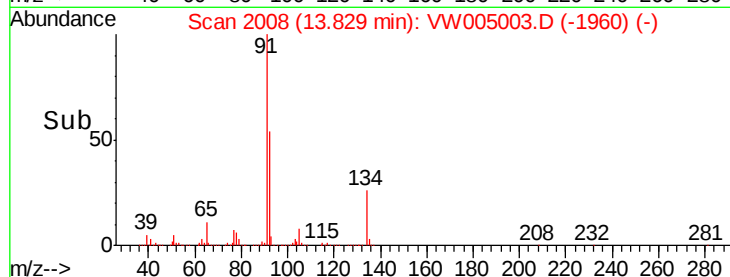
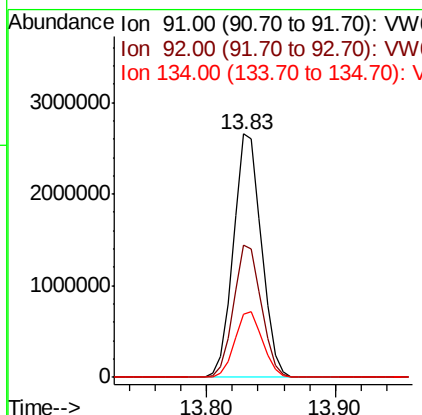
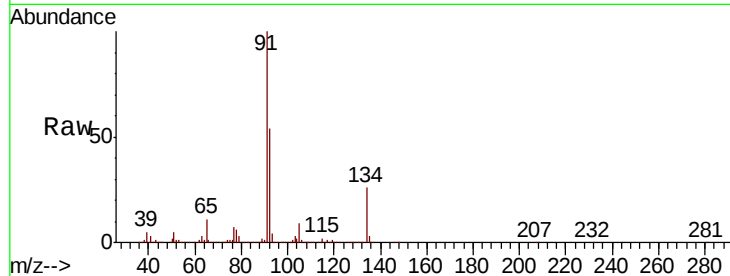
#89
n-Butylbenzene
Concen: 159.040 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.5	79.4
134	27.0	13.4	40.1

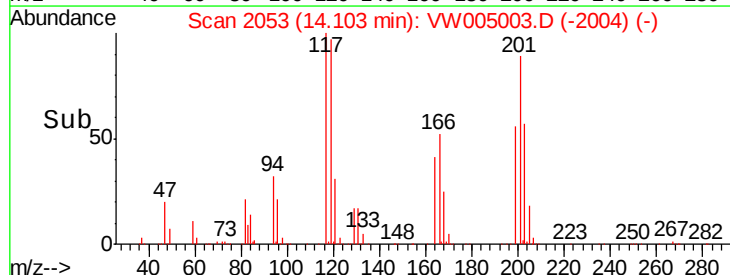
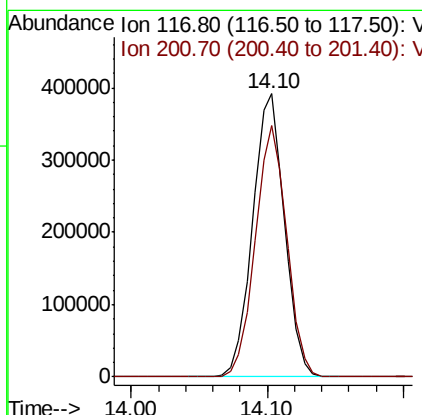
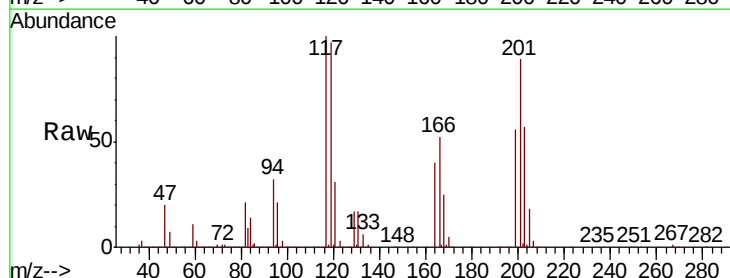
Manual Integrations
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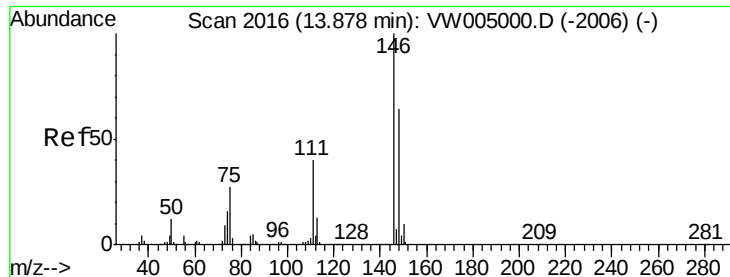
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#90
Hexachloroethane
Concen: 152.108 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.3	132.8





#91

1,2-Dichlorobenzene

Concen: 146.986 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Instrument :

MSVOA_W

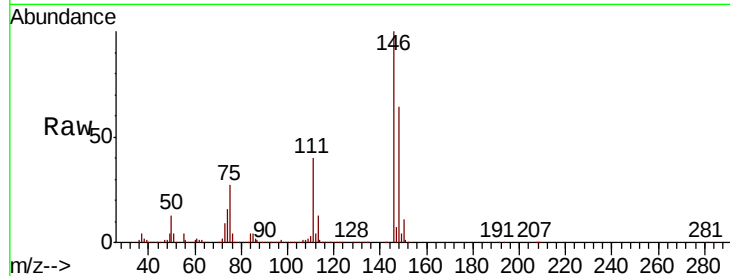
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1850004
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	64.1	31.9	95.7

Manual Integrations
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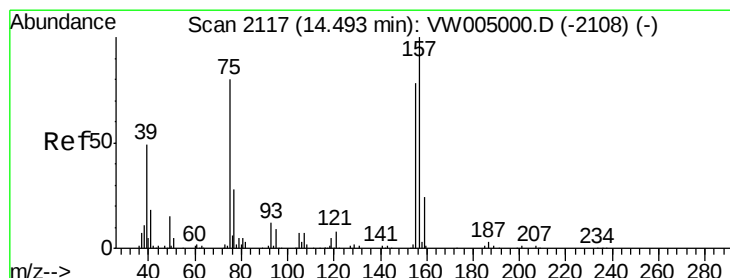
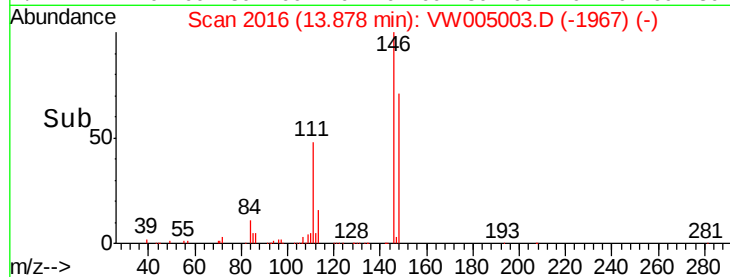
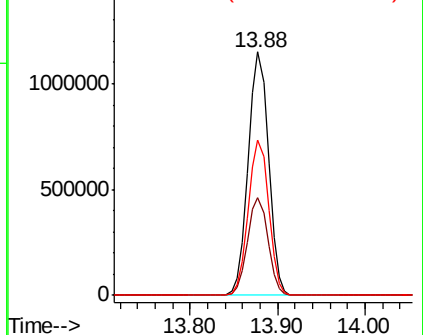


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 161.678 ug/l

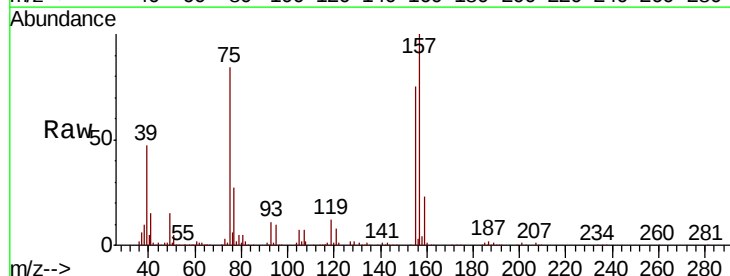
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005003.D

Acq: 29 Aug 2018 14:44

Tgt Ion:	75	Resp:	116221
Ion	Ratio	Lower	Upper
75	100		
155	91.6	46.1	138.2
157	119.0	58.7	176.1

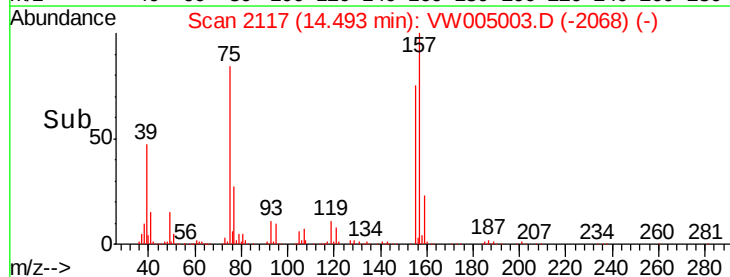
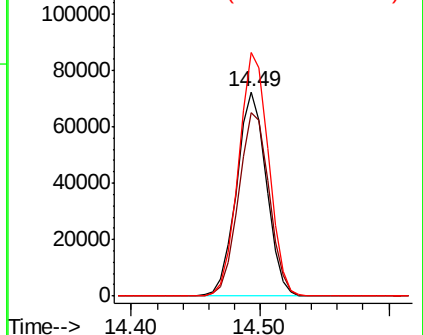


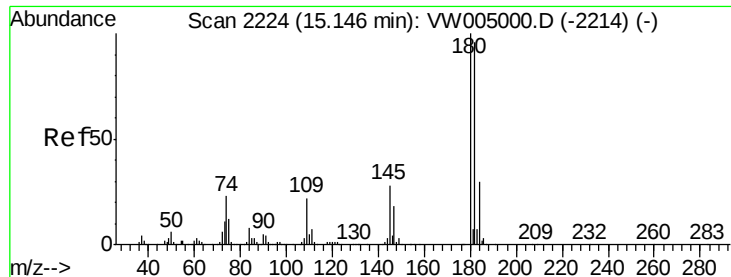
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





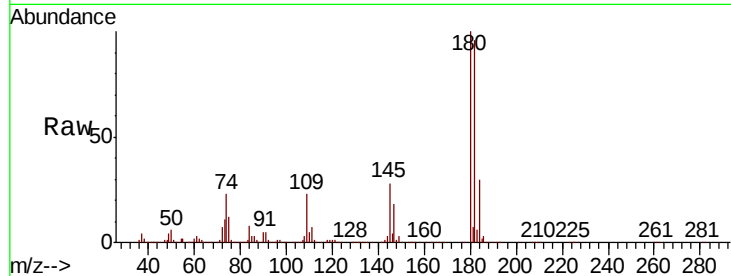
#93
 1,2,4-Trichlorobenzene
 Concen: 166.210 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.8
145	29.0	14.3	42.9

Manual Integrations
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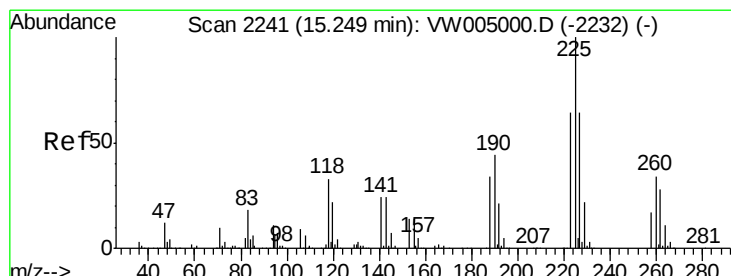
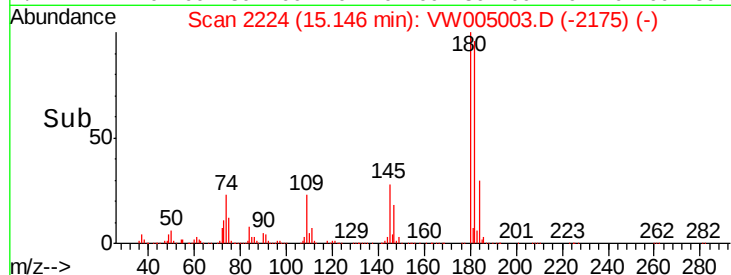
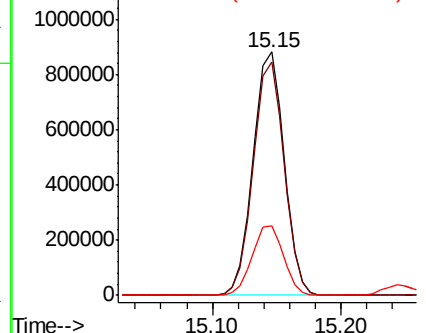


Abundance

Ion 179.80 (179.50 to 180.50): V

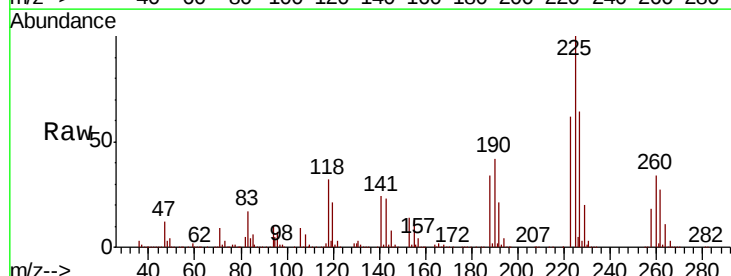
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 147.699 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW005003.D
 Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.0
227	64.0	31.9	95.7

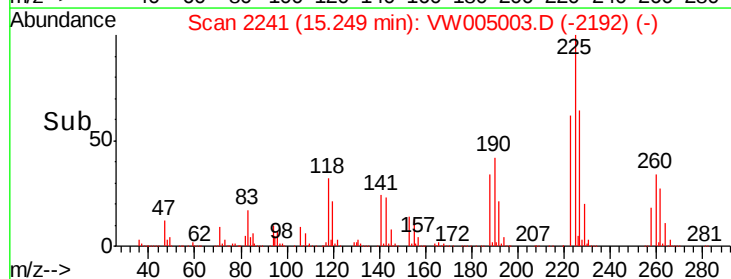
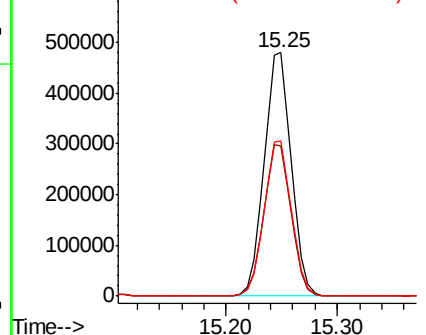


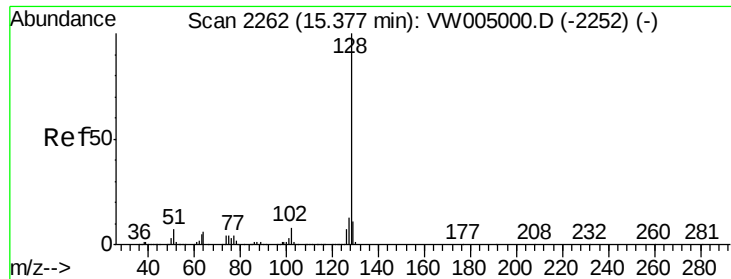
Abundance

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





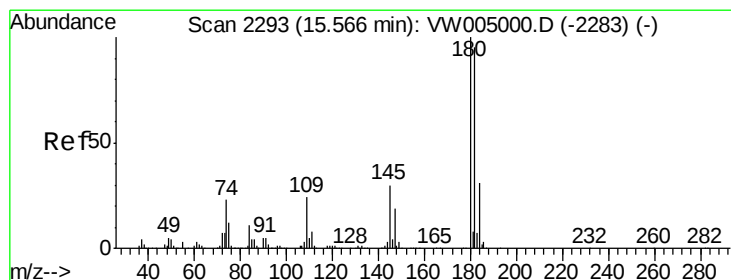
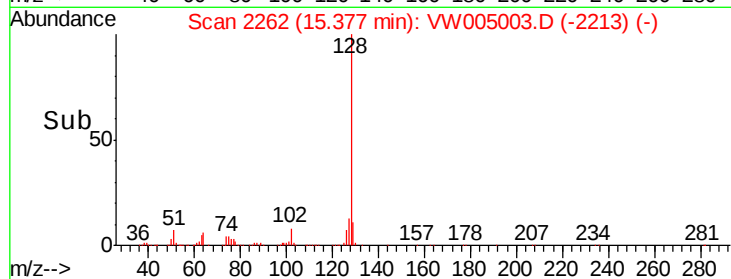
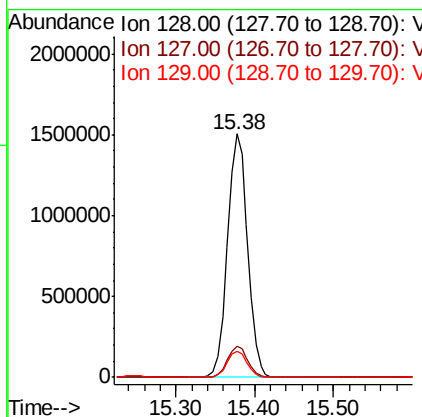
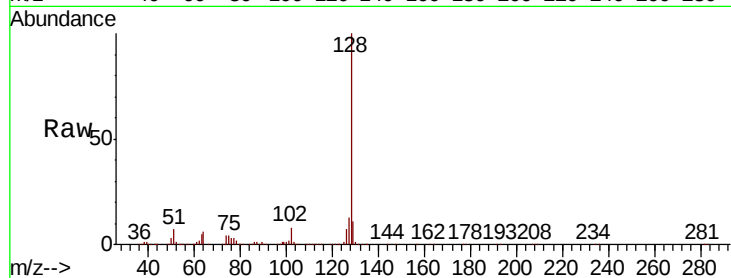
#95
Naphthalene
Concen: 182.818 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 165.689 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005003.D
Acq: 29 Aug 2018 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	30.9	15.1	45.3

