

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004784.D
 Acq On : 20 Aug 2018 11:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/21/2018 11:18:52 AM

Quant Time: Aug 20 14:34:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	683038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	989242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	873625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	466236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	288200	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	7.88	113	304551	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.33	98	1247505	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	436142	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	232058	51.29	ug/l	96
3) Chloromethane	2.22	50	287435	48.59	ug/l	100
4) Vinyl Chloride	2.37	62	447899	51.44	ug/l	98
5) Bromomethane	2.79	94	279735	52.02	ug/l	100
6) Chloroethane	2.93	64	273291	52.02	ug/l	100
7) Trichlorofluoromethane	3.26	101	253087	61.70	ug/l	100
8) Diethyl Ether	3.68	74	169752	45.77	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	363303	51.43	ug/l	98
10) Methyl Iodide	4.26	142	549301	51.20	ug/l	99
11) Tert butyl alcohol	5.22	59	88773m	240.62	ug/l	
12) 1,1-Dichloroethene	4.03	96	343393	48.79	ug/l	98
13) Acrolein	3.90	56	119555	241.49	ug/l	98
14) Allyl chloride	4.67	41	527477	49.38	ug/l	99
15) Acrylonitrile	5.37	53	341798	219.75	ug/l	99
16) Acetone	4.14	43	412276	244.57	ug/l	99
17) Carbon Disulfide	4.37	76	1165429	50.38	ug/l	99
18) Methyl Acetate	4.67	43	155905	43.16	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	444075	48.60	ug/l	97
20) Methylene Chloride	4.91	84	389417	50.65	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	373218	49.83	ug/l	97
22) Diisopropyl ether	6.31	45	1019147	49.64	ug/l	99
23) Vinyl Acetate	6.26	43	2745818	236.44	ug/l	98
24) 1,1-Dichloroethane	6.22	63	631430	47.33	ug/l	100
25) 2-Butanone	7.18	43	536449	223.35	ug/l	98
26) 2,2-Dichloropropane	7.17	77	406424	52.74	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	396675	49.20	ug/l	100
28) Bromochloromethane	7.51	49	248673	44.26	ug/l	98
29) Tetrahydrofuran	7.54	42	265665	216.91	ug/l	99
30) Chloroform	7.68	83	627874	47.85	ug/l	99
31) Cyclohexane	7.96	56	636394	49.31	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	527325	50.70	ug/l	100
36) 1,1-Dichloropropene	8.09	75	523311	51.35	ug/l	99
37) Ethyl Acetate	7.26	43	183989	45.29	ug/l	98
38) Carbon Tetrachloride	8.07	117	497897	53.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	700420	54.96	ug/l	96
40) Benzene	8.33	78	1493493	50.43	ug/l	99
41) Methacrylonitrile	7.49	41	117787	51.09	ug/l	97
42) 1,2-Dichloroethane	8.40	62	357389	47.06	ug/l	99
43) Isopropyl Acetate	8.43	43	334513	45.84	ug/l	99
44) Trichloroethene	9.09	130	381099	50.69	ug/l	100
45) 1,2-Dichloropropane	9.37	63	358158	49.44	ug/l	99
46) Dibromomethane	9.46	93	169190	47.14	ug/l	99
47) Bromodichloromethane	9.65	83	420226	49.03	ug/l	99
48) Methyl methacrylate	9.44	41	172008	50.24	ug/l	96
49) 1,4-Dioxane	9.48	88	56488	1077.28	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	1128062	228.74	ug/l	98
52) Toluene	10.39	92	917856	51.67	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	436452	50.54	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	526803	51.17	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	244073	47.84	ug/l	98
56) Ethyl methacrylate	10.65	69	297126	44.90	ug/l	100
57) 1,3-Dichloropropane	10.94	76	423893	48.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	698407	247.88	ug/l	100
59) 2-Hexanone	10.98	43	798941	239.10	ug/l	99
60) Dibromochloromethane	11.13	129	280324	48.98	ug/l	99
61) 1,2-Dibromoethane	11.24	107	230324	47.23	ug/l	97
64) Tetrachloroethene	10.87	164	320812	53.73	ug/l	99
65) Chlorobenzene	11.66	112	951513	50.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	330507	52.06	ug/l	97
67) Ethyl Benzene	11.74	91	1727081	54.18	ug/l	98
68) m/p-Xylenes	11.85	106	1361678	109.80	ug/l	100
69) o-Xylene	12.17	106	641707	55.89	ug/l	97
70) Styrene	12.19	104	1070871	55.53	ug/l	99
71) Bromoform	12.35	173	170964	51.02	ug/l #	99
73) Isopropylbenzene	12.47	105	1783415	56.23	ug/l	100
74) N-amyl acetate	12.28	43	321235	43.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	282184	48.03	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202181m	49.19	ug/l	
77) Bromobenzene	12.76	156	397347	51.75	ug/l	99
78) n-propylbenzene	12.81	91	2197412	56.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1227067	55.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1469645	54.54	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	88293	49.93	ug/l	99
82) 4-Chlorotoluene	12.99	91	1274577	53.77	ug/l	100
83) tert-Butylbenzene	13.21	119	1308790	56.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1539354	55.52	ug/l	100
85) sec-Butylbenzene	13.39	105	1914075	55.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	1694104	56.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	818468	52.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	800752	51.30	ug/l	98
89) n-Butylbenzene	13.84	91	1602841	55.37	ug/l	99
90) Hexachloroethane	14.10	117	285537	52.32	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	727752	51.88	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43114	46.95	ug/l	98

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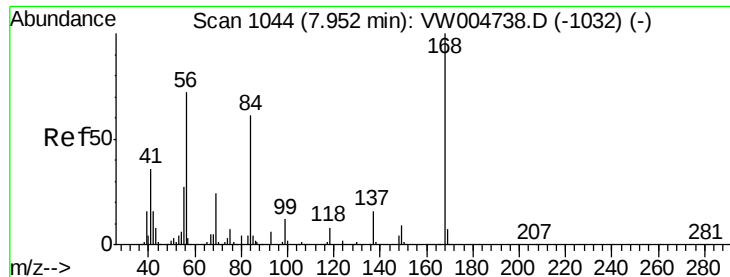
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	534005	53.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	326524	53.62	ug/l	97
95) Naphthalene	15.38	128	884581	46.30	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	459606	52.24	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 683038

Ion Ratio Lower Upper

168 100

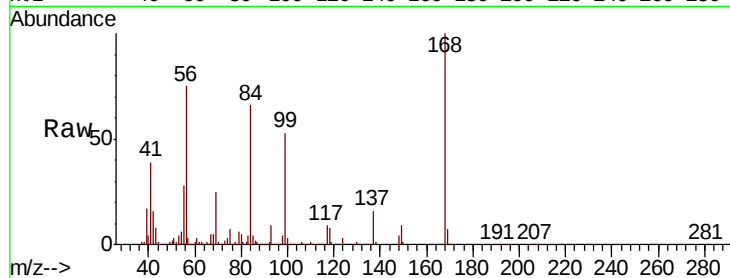
99 52.5 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

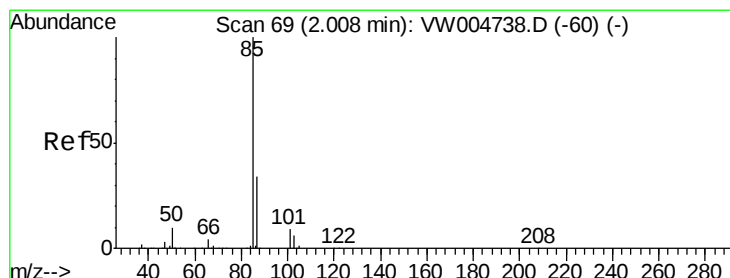
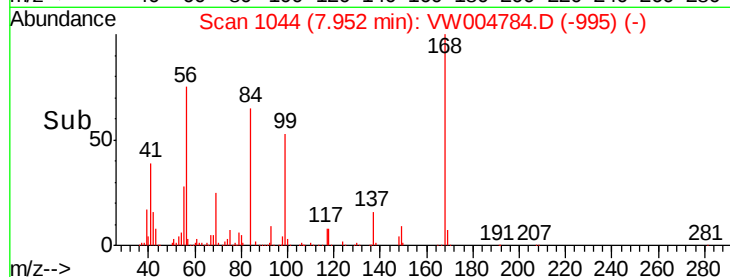
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 51.29 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004784.D

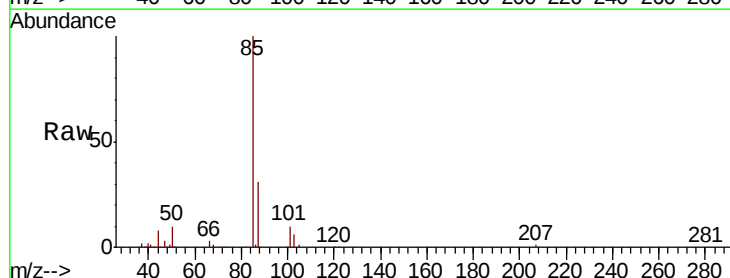
Acq: 20 Aug 2018 11:57

Tgt Ion: 85 Resp: 232058

Ion Ratio Lower Upper

85 100

87 31.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

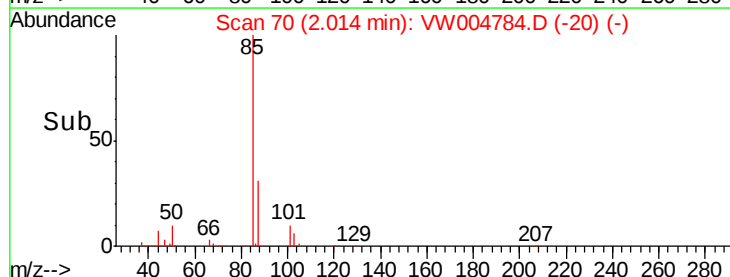
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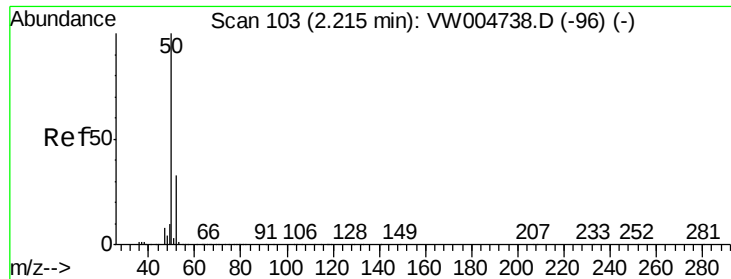
40000

20000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 48.59 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 287435

Ion Ratio Lower Upper

50 100

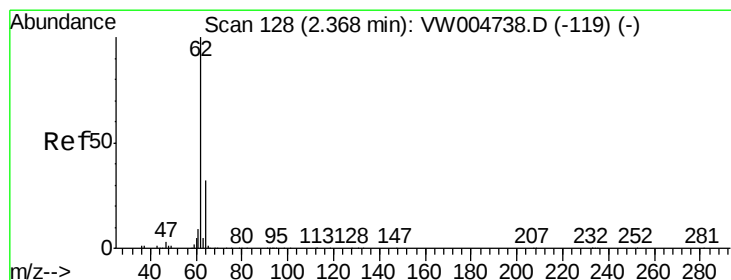
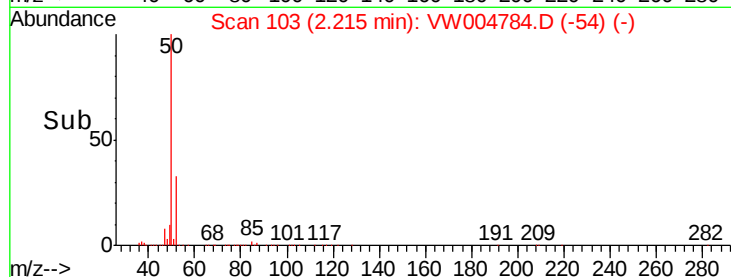
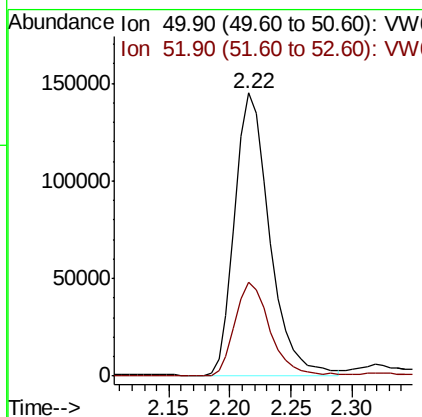
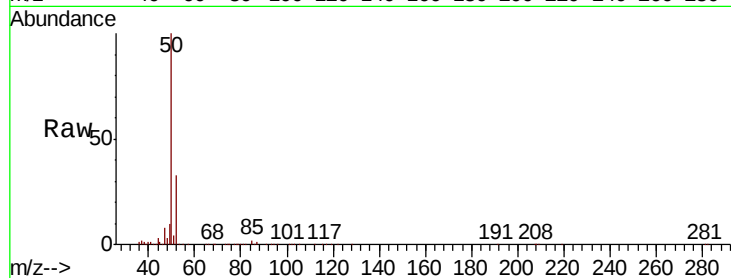
52 33.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 51.44 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004784.D

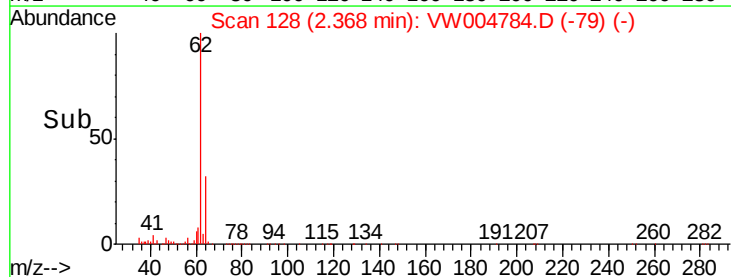
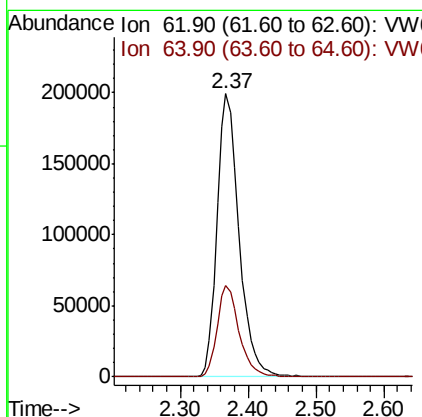
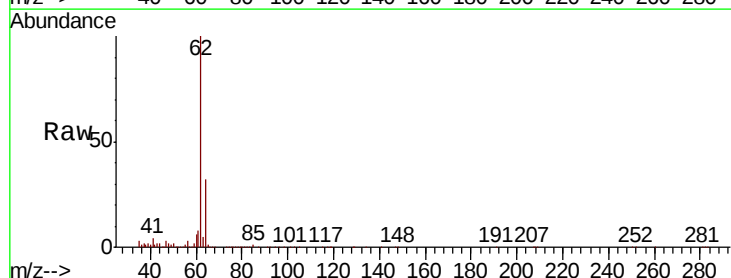
Acq: 20 Aug 2018 11:57

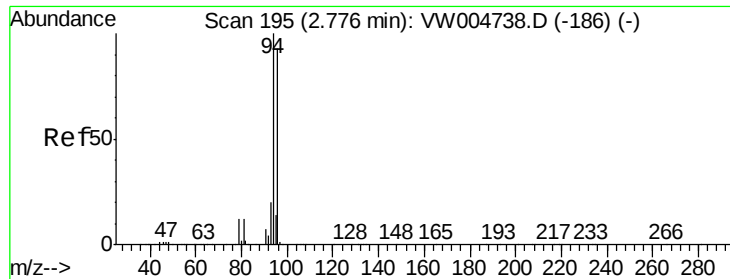
Tgt Ion: 62 Resp: 447899

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 52.02 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tot Ion: 94 Resp: 279735

Ion Ratio Lower Upper

94 100

96 92.5 74.3 111.5

Instrument :

MSVOA_W

ClientSampled :

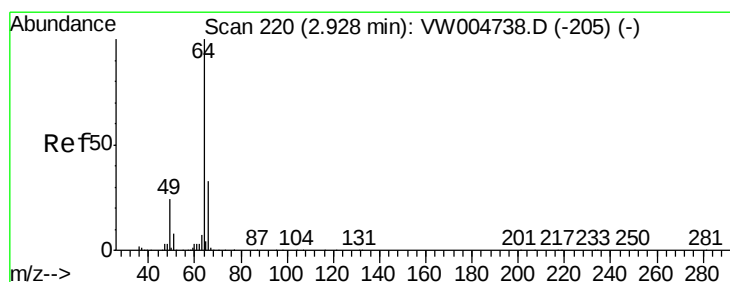
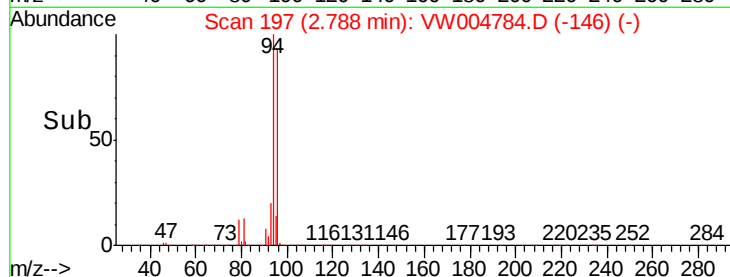
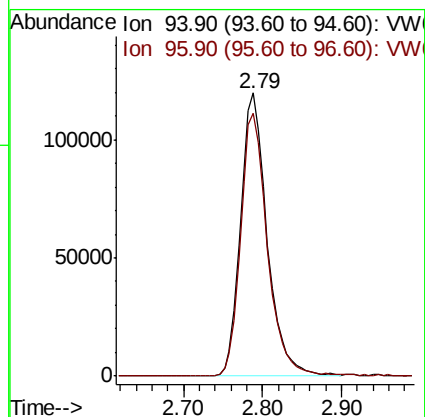
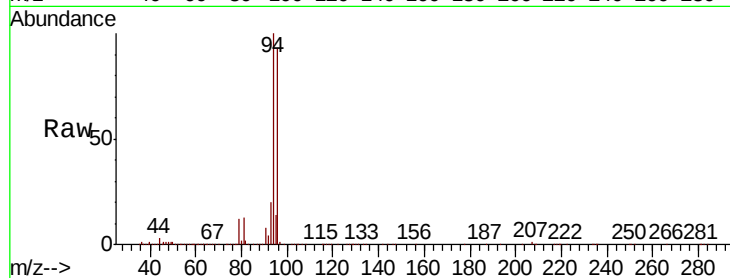
VSTDCCC050

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#6

Chloroethane

Concen: 52.02 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004784.D

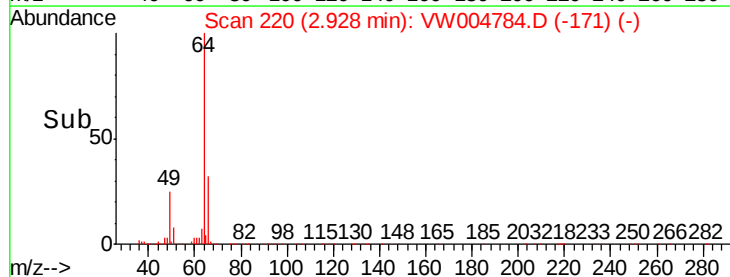
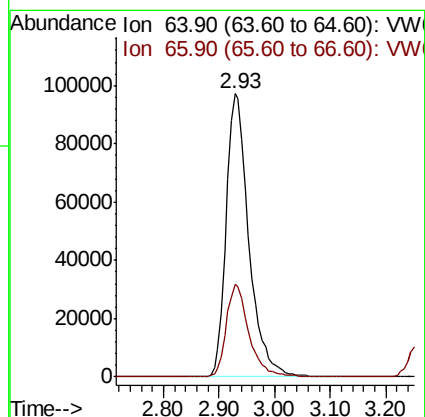
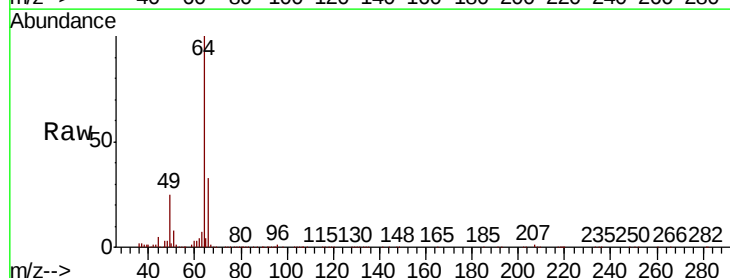
Acq: 20 Aug 2018 11:57

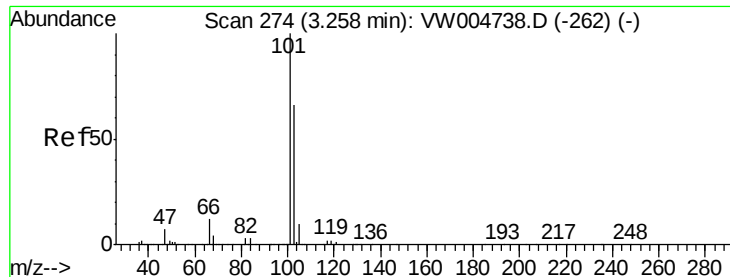
Tgt Ion: 64 Resp: 273291

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1





#7

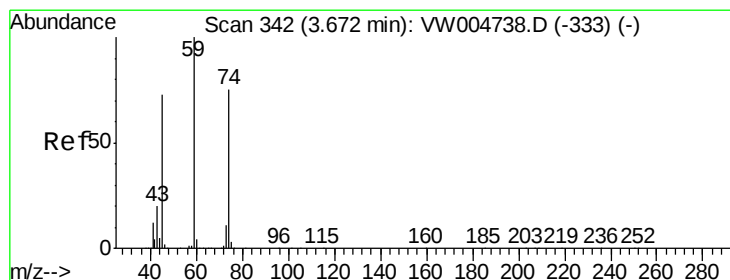
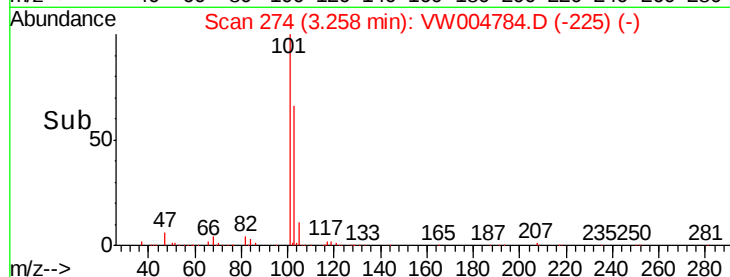
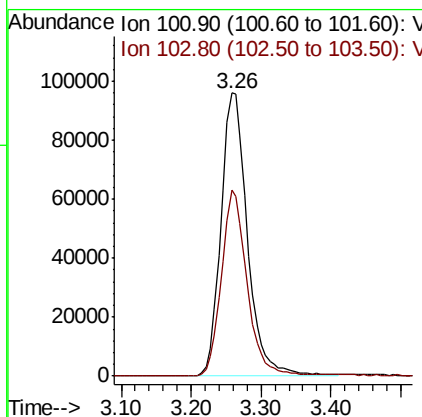
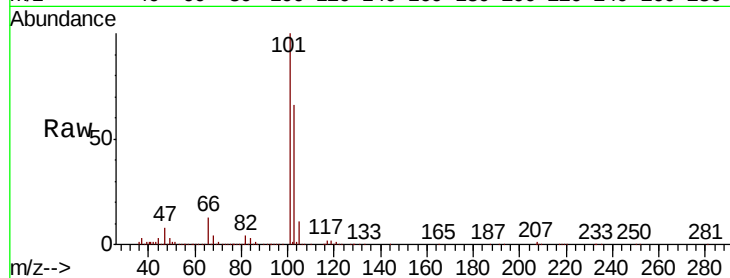
Trichlorofluoromethane
 Concen: 61.70 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	65.5	52.5	78.7	

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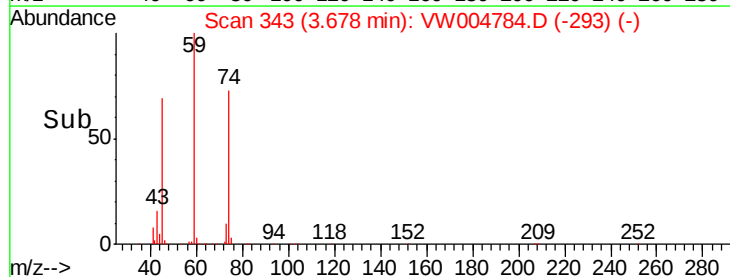
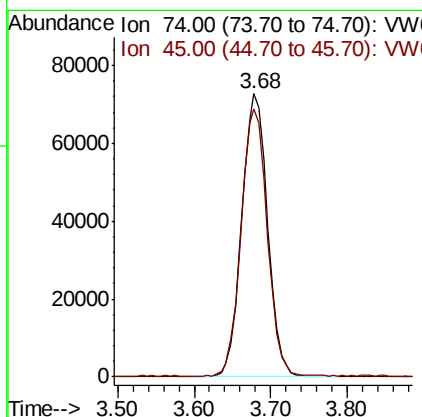
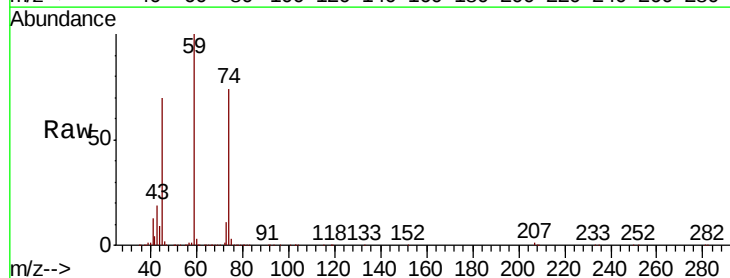
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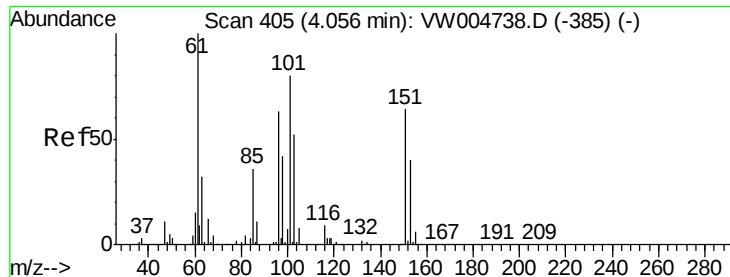


#8

Diethyl Ether
 Concen: 45.77 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	95.6	49.8	149.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.43 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004784.D

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Instrument :

MSVOA_W

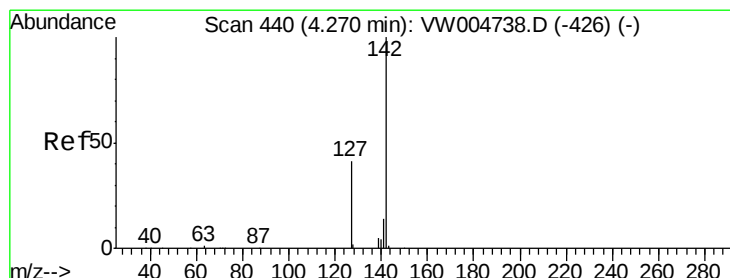
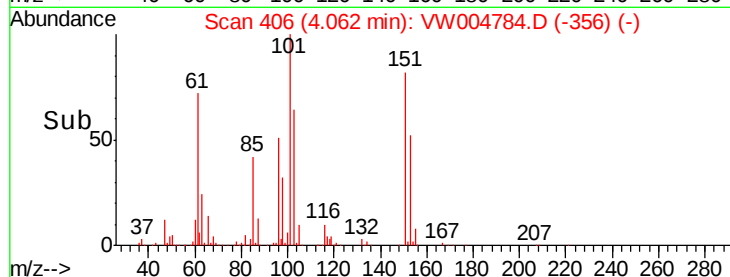
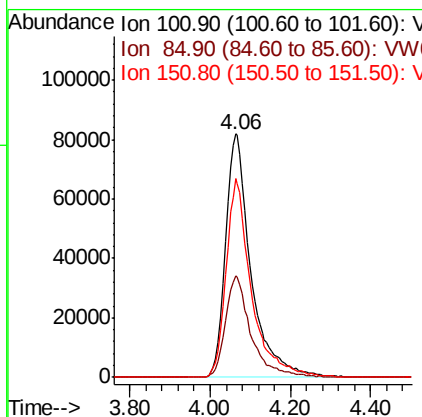
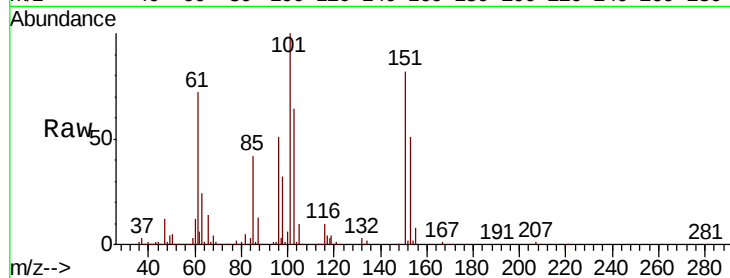
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	363303
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	81.0	63.4	95.2

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#10

Methyl Iodide

Concen: 51.20 ug/l

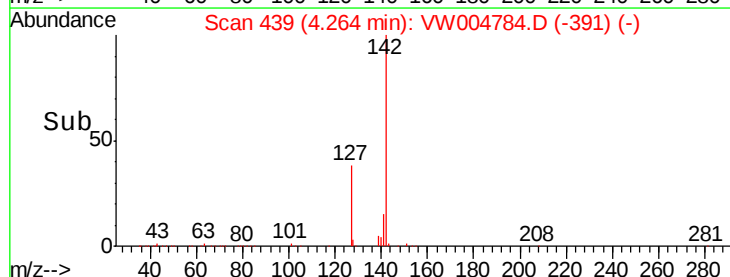
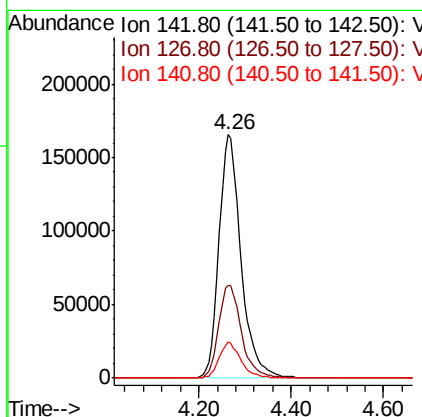
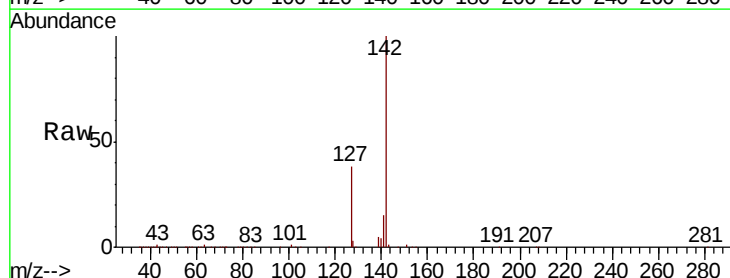
RT: 4.26 min Scan# 439

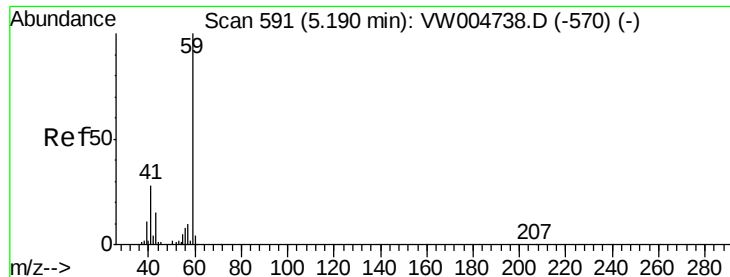
Delta R.T. -0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tgt Ion:	142	Resp:	549301
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.1	48.1
141	14.6	11.7	17.5





#11

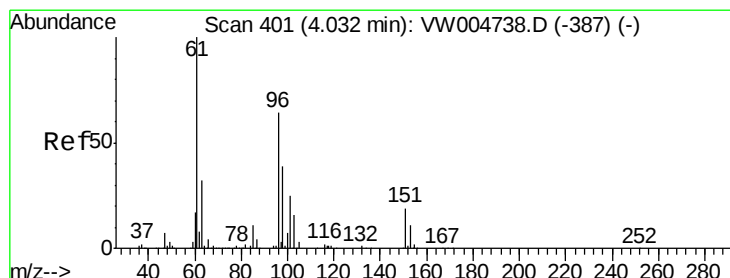
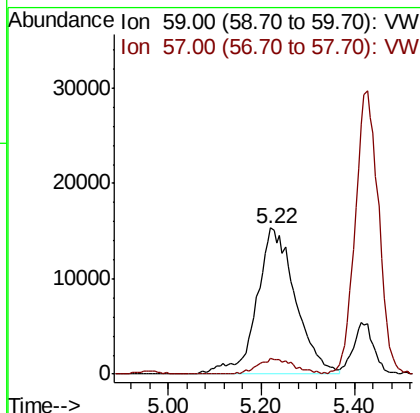
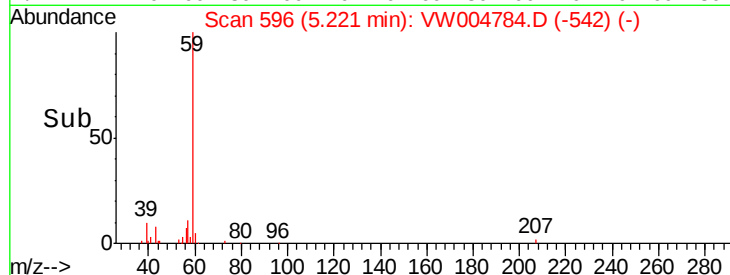
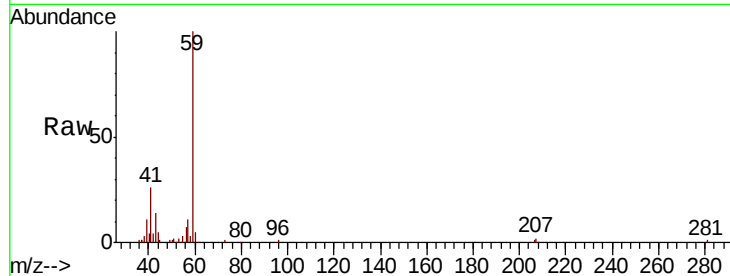
Tert butyl alcohol
 Concen: 240.62 ug/l m
 RT: 5.22 min Scan# 596
 Delta R.T. 0.03 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	88773
Ion Ratio	100	Lower	Upper
57	10.0	8.4	12.6

Manual Integrations
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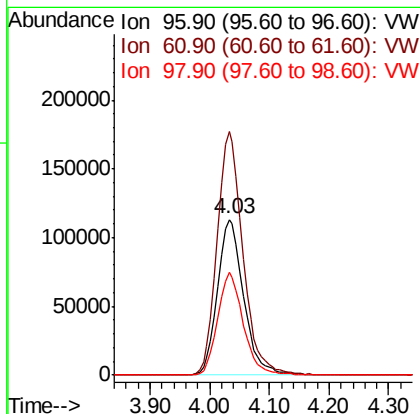
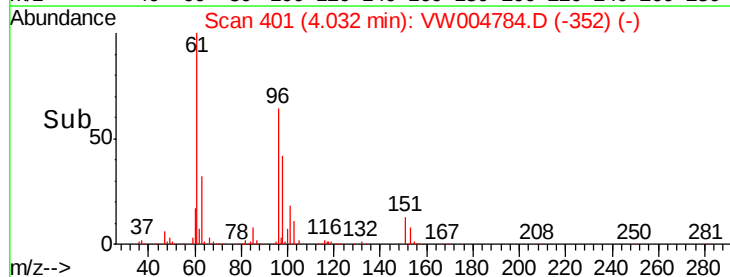
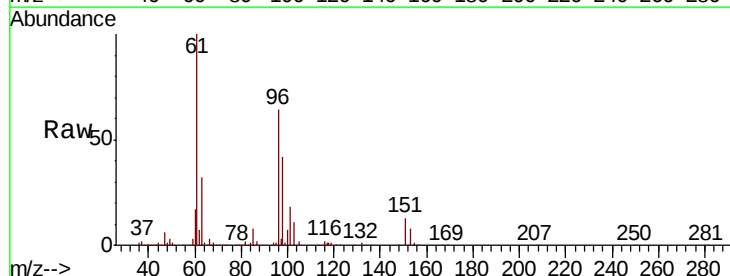
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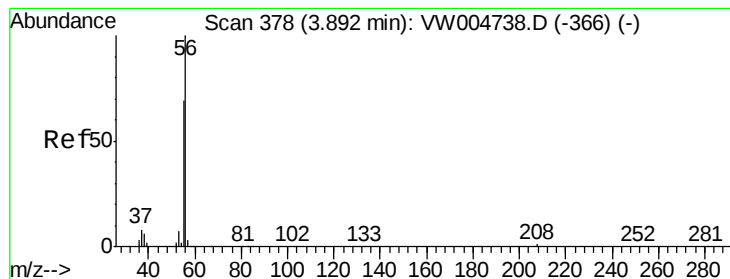


#12

1,1-Dichloroethene
 Concen: 48.79 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	96	Resp	343393
Ion Ratio	100	Lower	Upper
61	156.4	125.6	188.4
98	65.9	49.4	74.0





#13

Acrolein

Concen: 241.49 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 119555

Ion Ratio Lower Upper

56 100

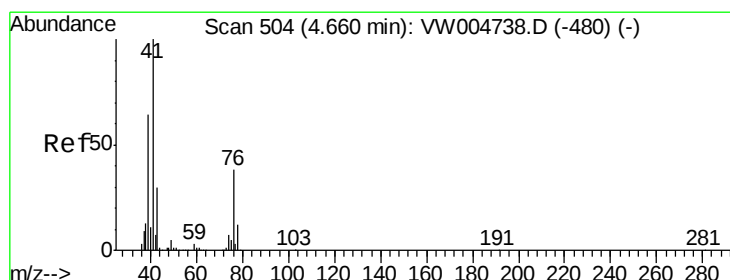
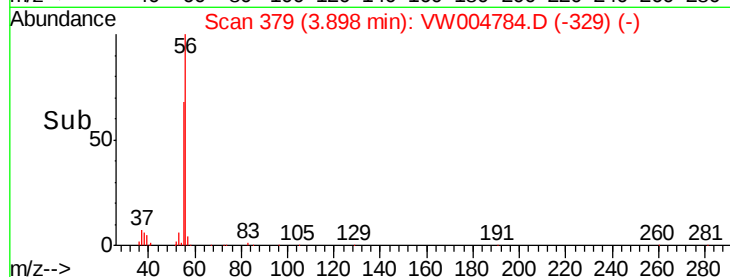
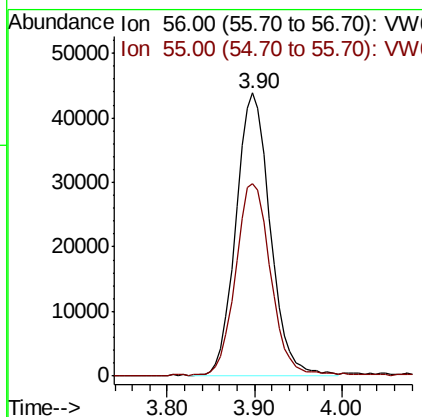
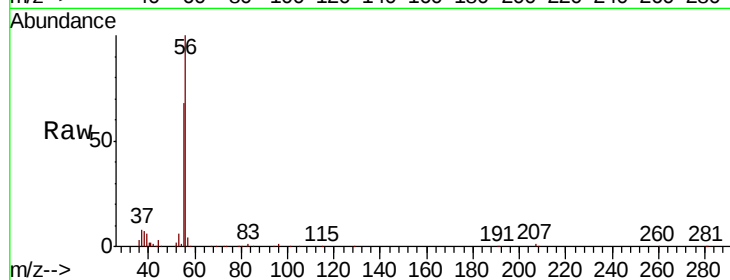
55 68.7 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.38 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

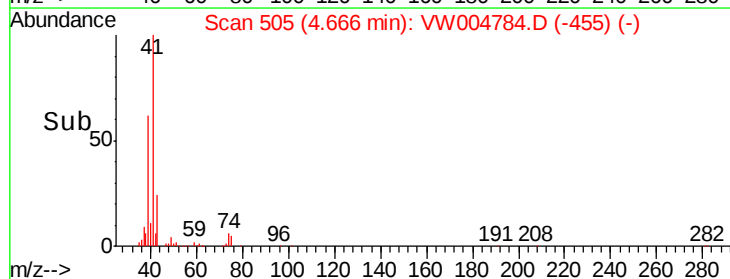
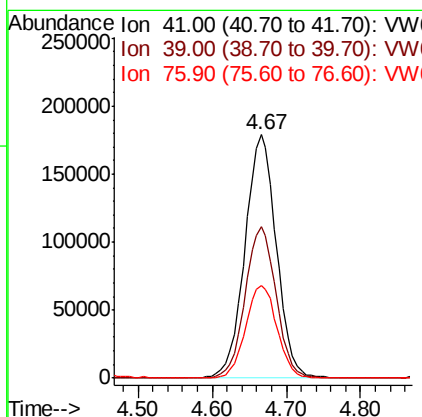
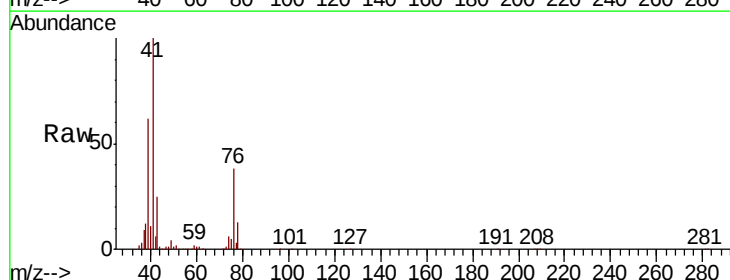
Tgt Ion: 41 Resp: 527477

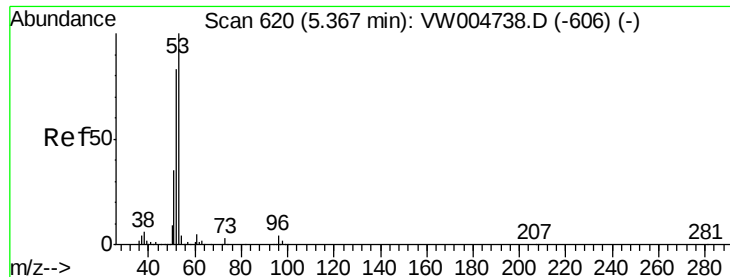
Ion Ratio Lower Upper

41 100

39 61.6 50.0 75.0

76 38.0 29.8 44.6





#15

Acrylonitrile

Concen: 219.75 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

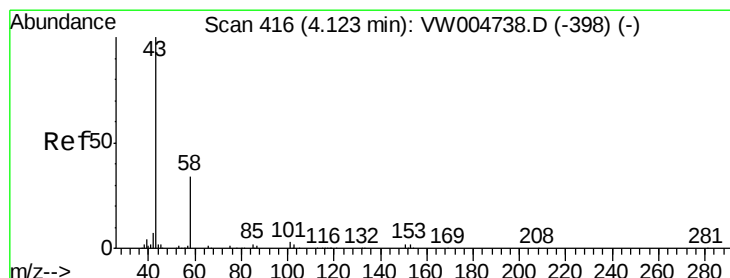
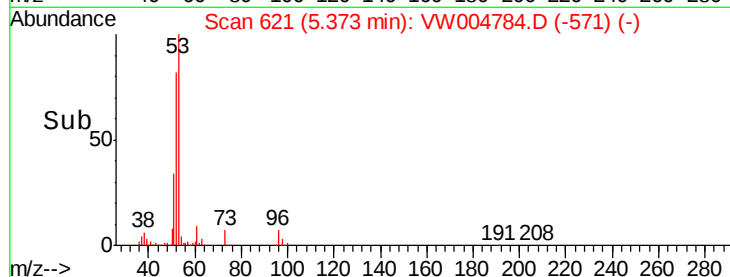
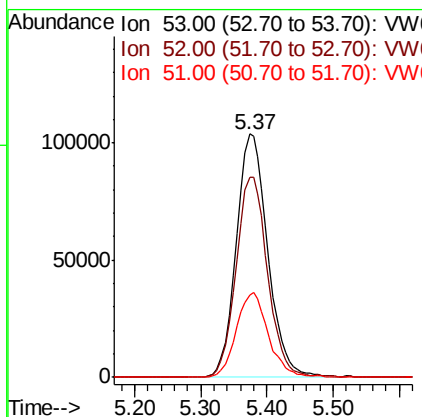
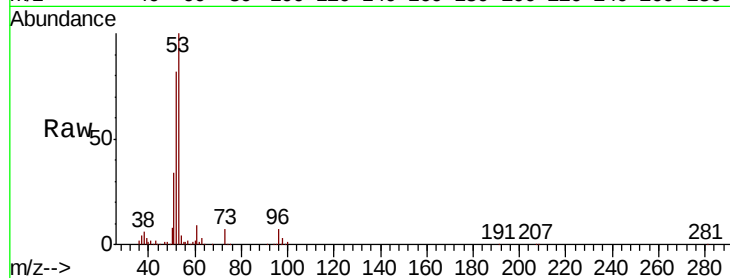
ClientSampled :

VSTDCCC050

Tot Ion	53	Resp	341798
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.8	98.6
51	35.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 244.57 ug/l

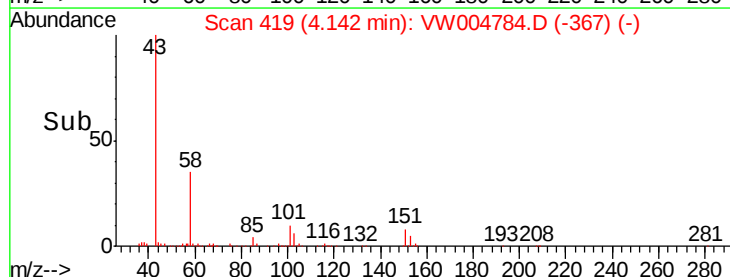
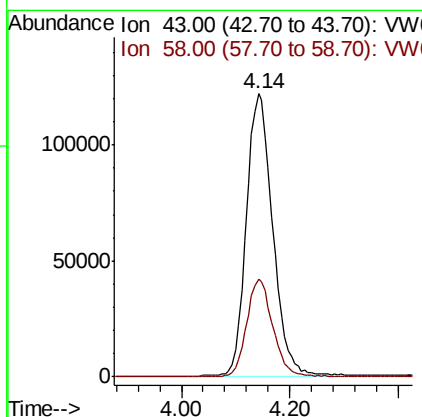
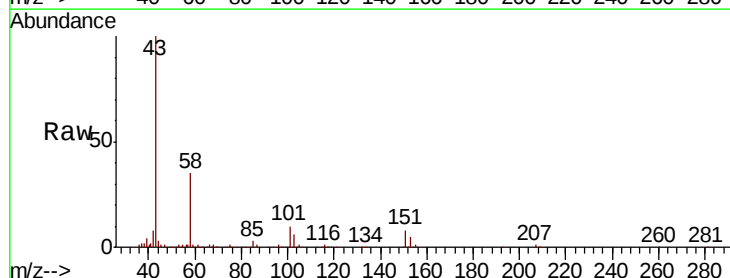
RT: 4.14 min Scan# 419

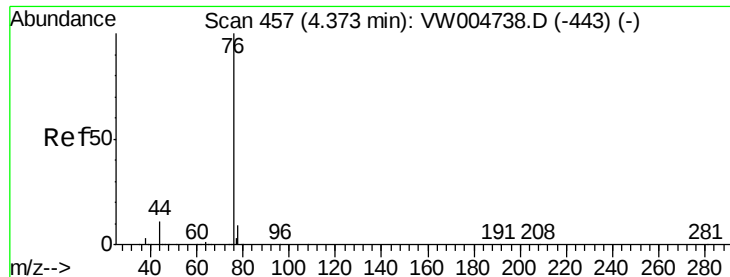
Delta R.T. 0.02 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tgt Ion	43	Resp	412276
Ion Ratio	Lower	Upper	
43	100		
58	34.6	27.3	40.9





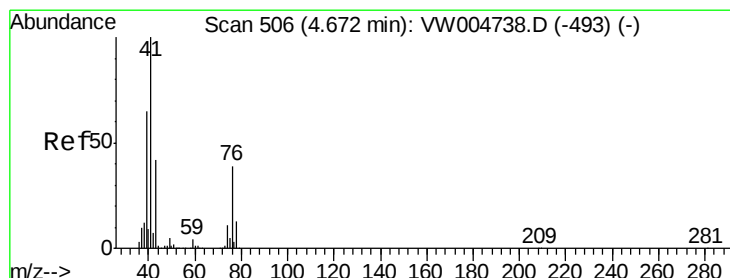
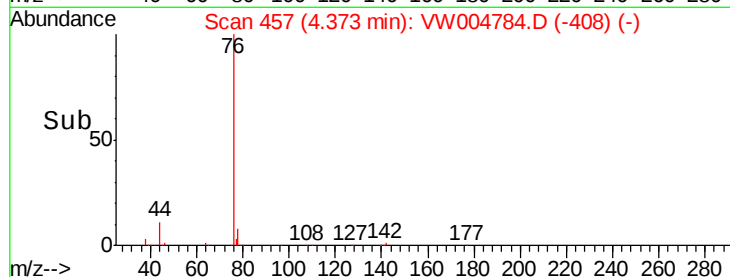
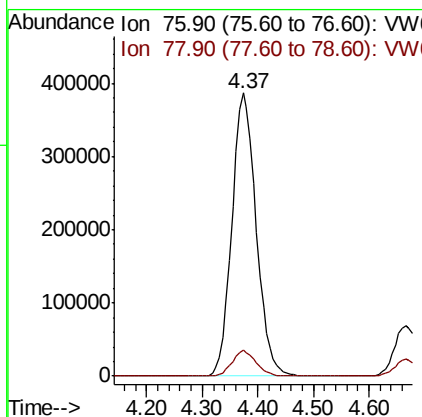
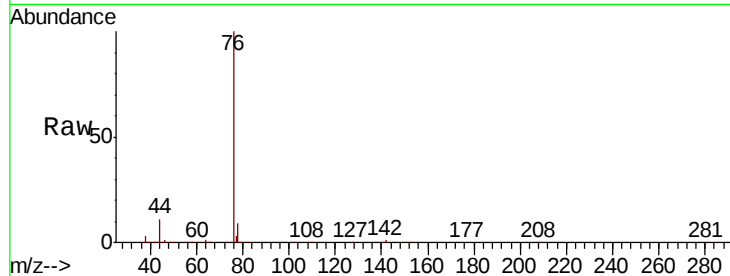
#17
Carbon Disulfide
Concen: 50.38 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1165429
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

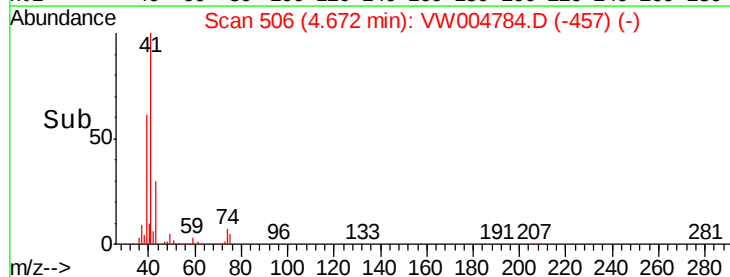
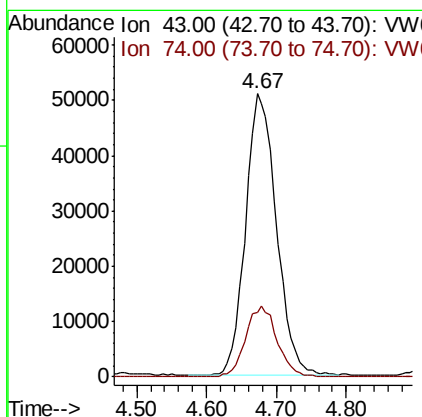
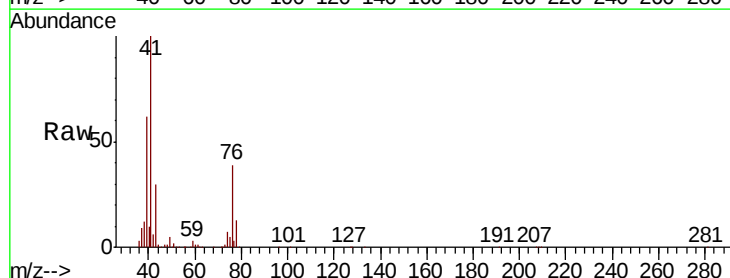
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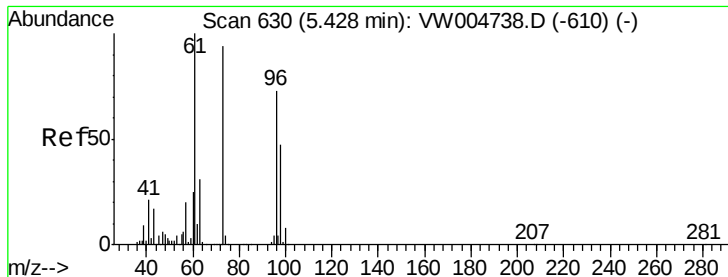
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#18
Methyl Acetate
Concen: 43.16 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion: 43 Resp: 155905
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.8





#19

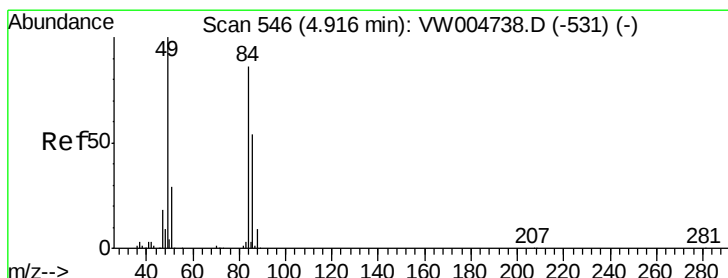
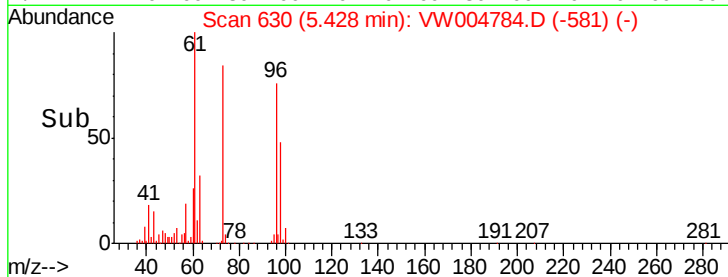
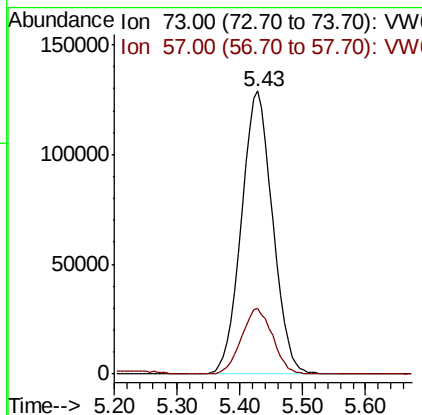
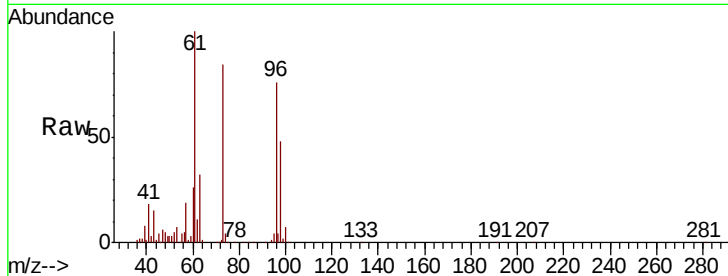
Methyl tert-butyl Ether
 Concen: 48.60 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.3	25.9

Manual Integrations
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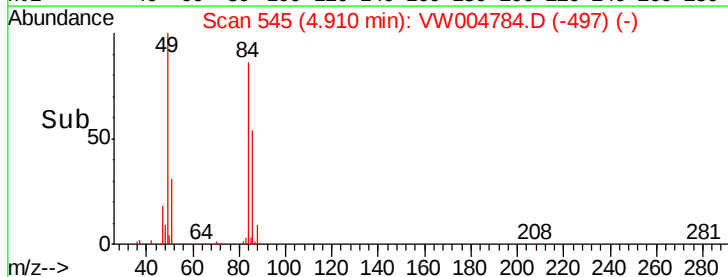
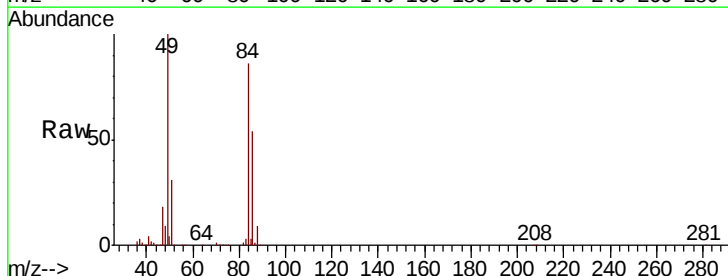
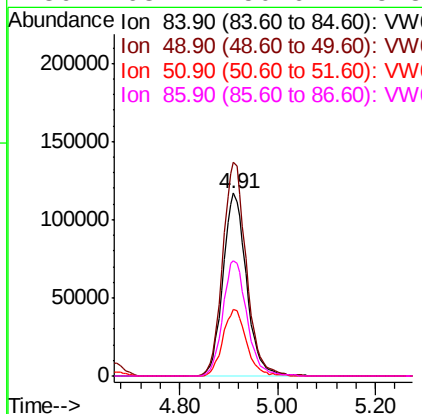
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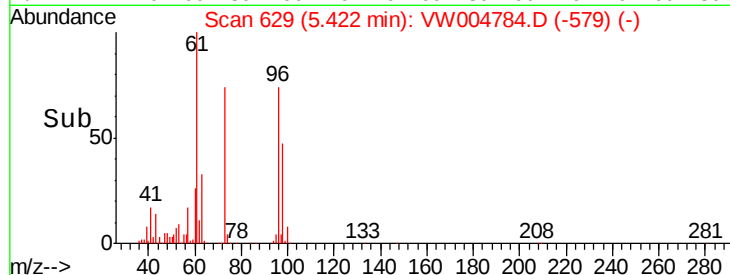
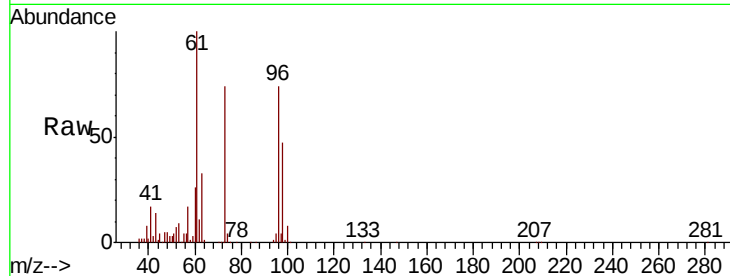
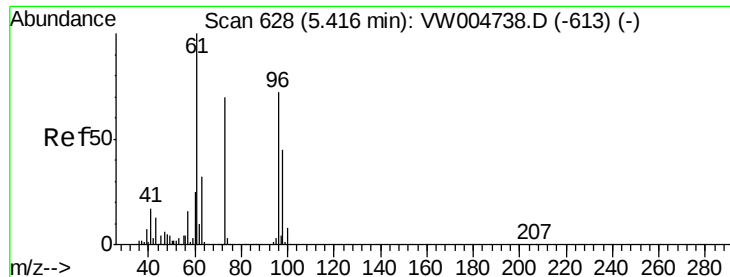


#20

Methylene Chloride
 Concen: 50.65 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.8	93.2	139.8
51	36.2	27.4	41.0
86	63.1	50.6	75.8





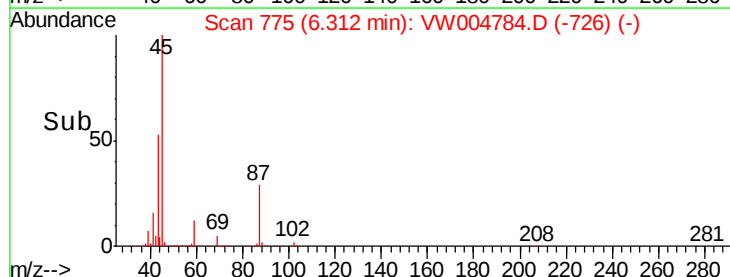
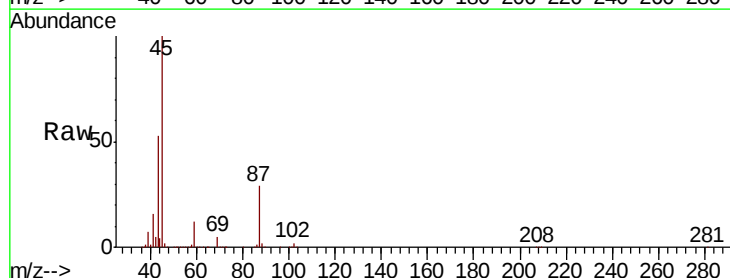
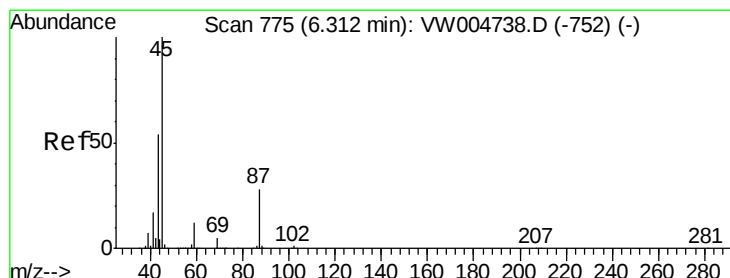
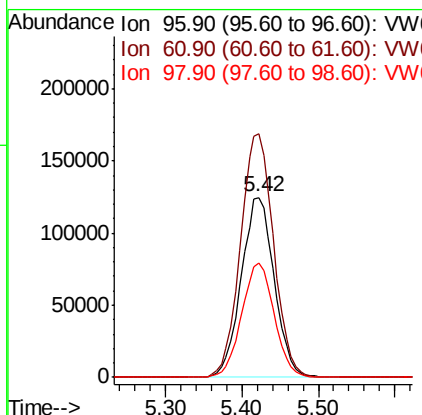
#21
trans-1,2-Dichloroethene
Concen: 49.83 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	111.4	167.0
98	63.4	49.7	74.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

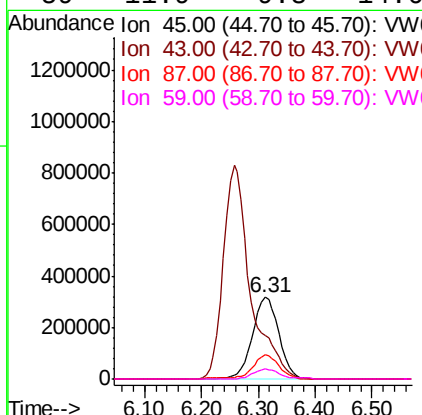
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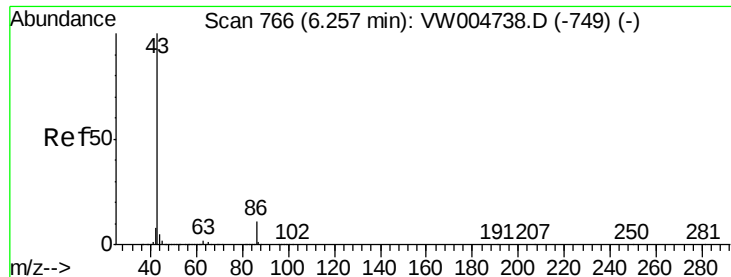
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#22
Diisopropyl ether
Concen: 49.64 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.0	64.6
87	29.2	22.2	33.4
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 236.44 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tot Ion: 43 Resp: 2745818

Ion Ratio Lower Upper

43 100

86 11.2 8.5 12.7

Instrument :

MSVOA_W

ClientSampleId :

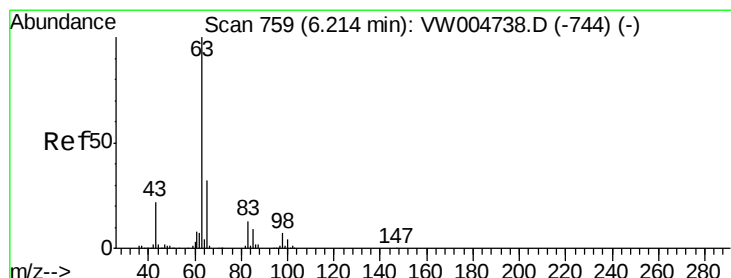
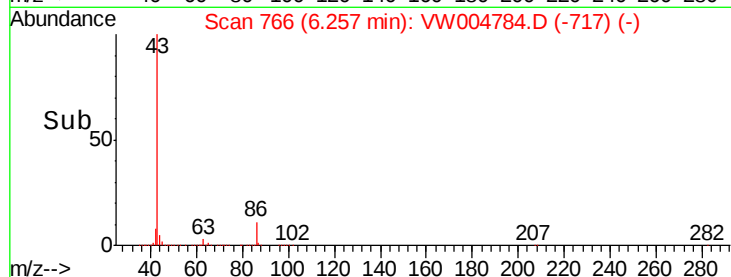
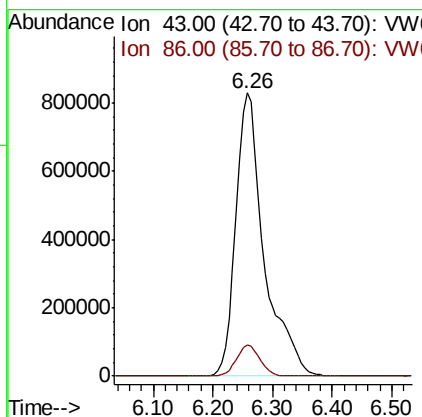
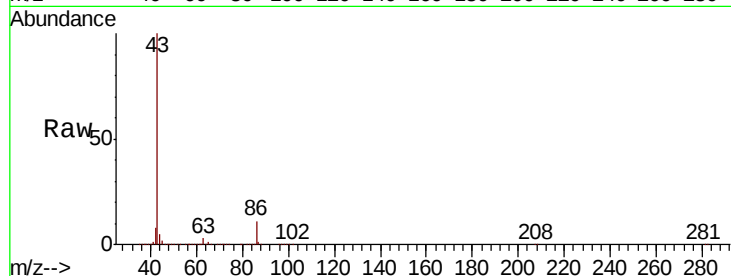
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 47.33 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

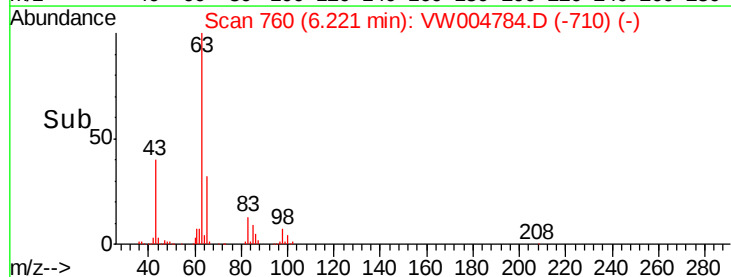
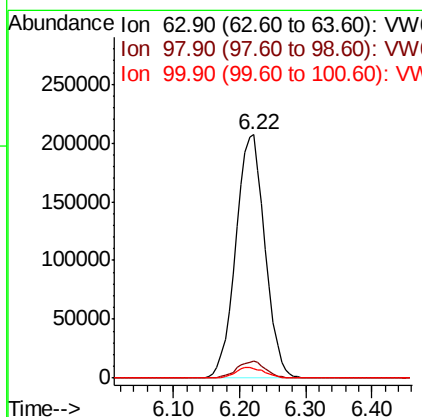
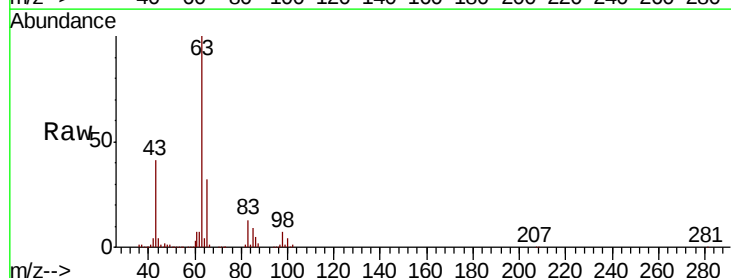
Tgt Ion: 63 Resp: 631430

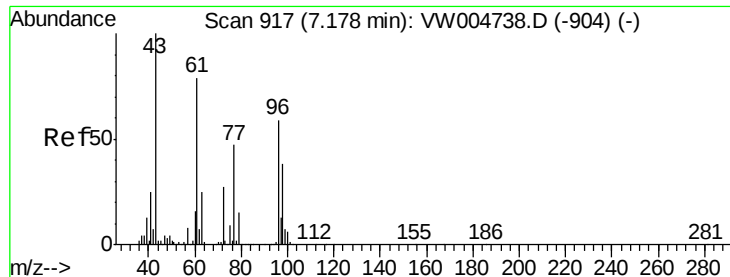
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 223.35 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 536449

Ion Ratio Lower Upper

43 100

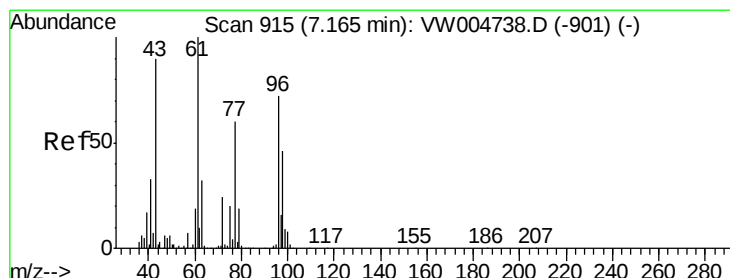
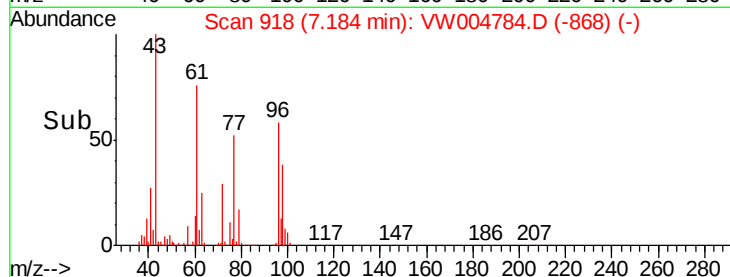
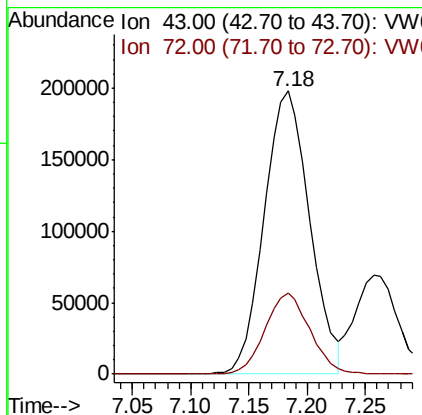
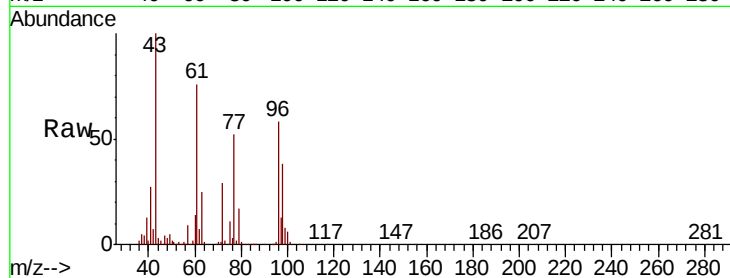
72 28.6 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.74 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004784.D

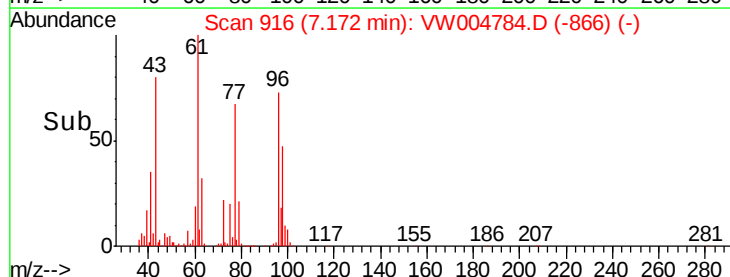
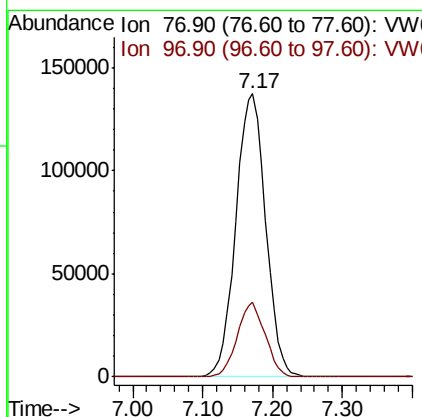
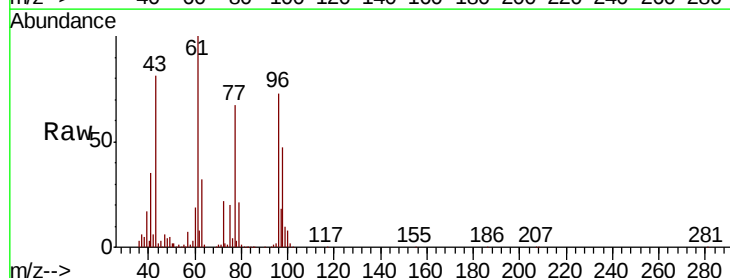
Acq: 20 Aug 2018 11:57

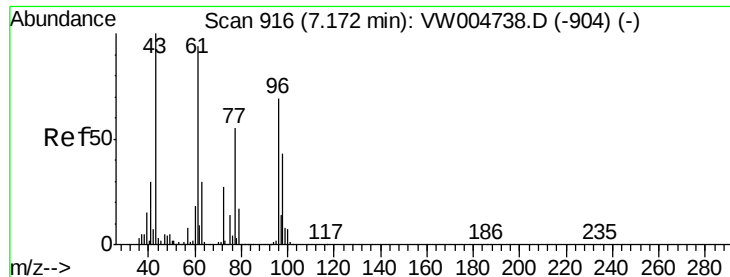
Tgt Ion: 77 Resp: 406424

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.8





#27

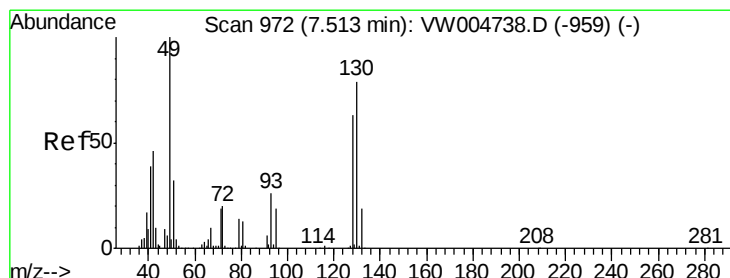
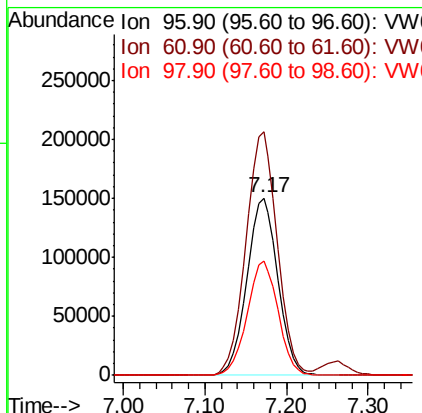
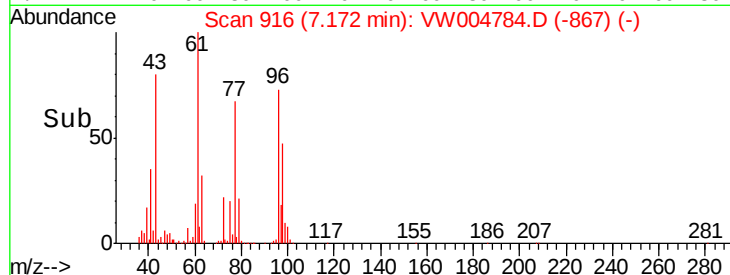
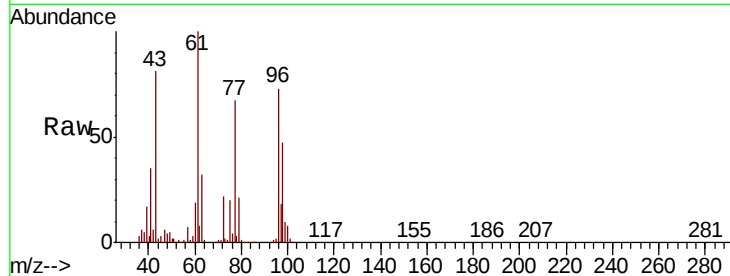
cis-1,2-Dichloroethene
 Concen: 49.20 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	396675		
61	139.1	0.0	277.6	
98	64.5	0.0	127.4	

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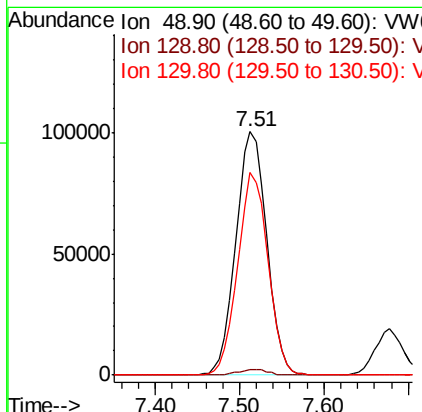
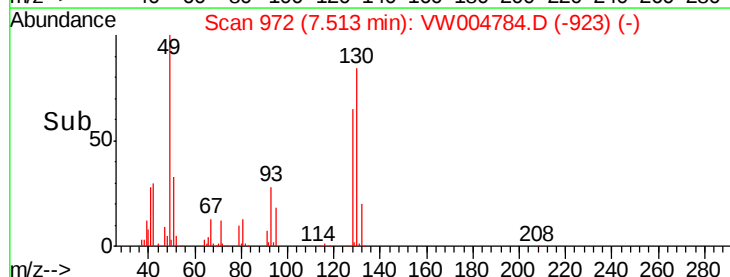
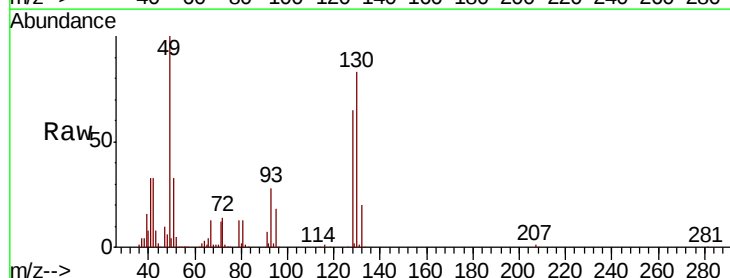
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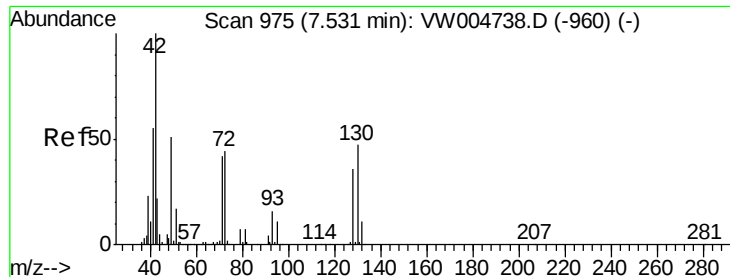


#28

Bromochloromethane
 Concen: 44.26 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	248673		
129	2.2	0.0	4.4	
130	81.6	63.7	95.5	





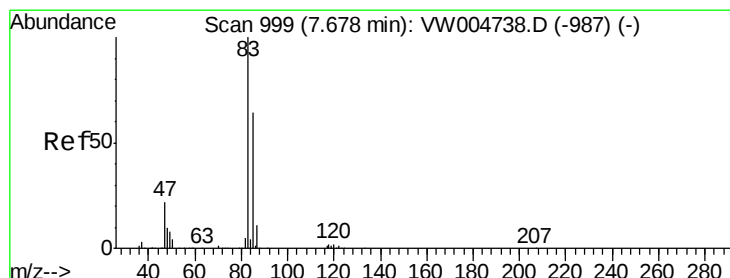
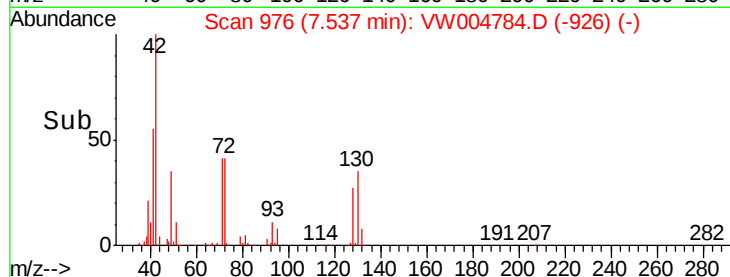
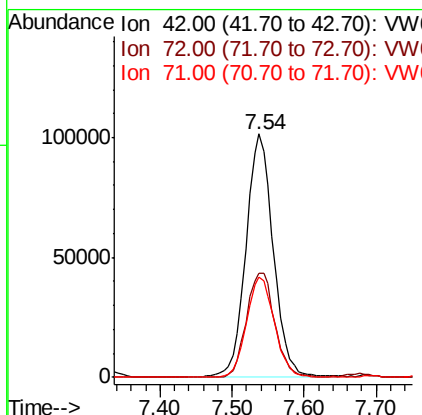
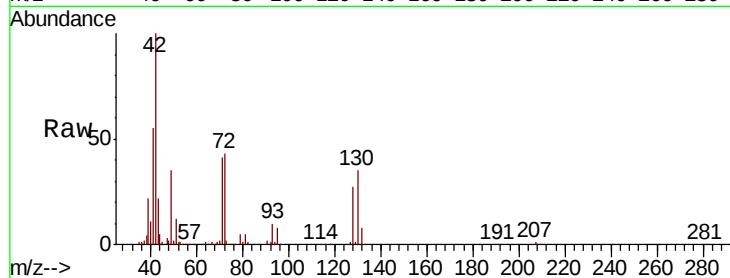
#29
Tetrahydrofuran
Concen: 216.91 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.9	52.3
71	42.2	33.8	50.6

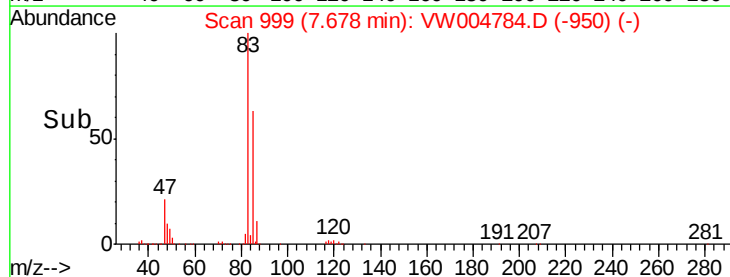
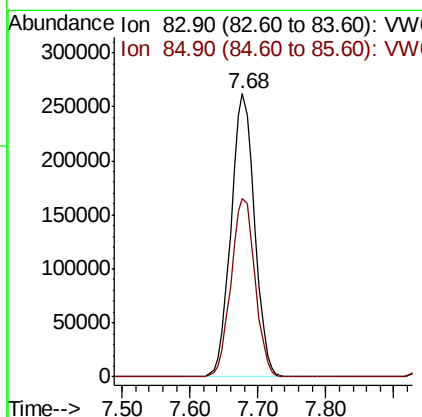
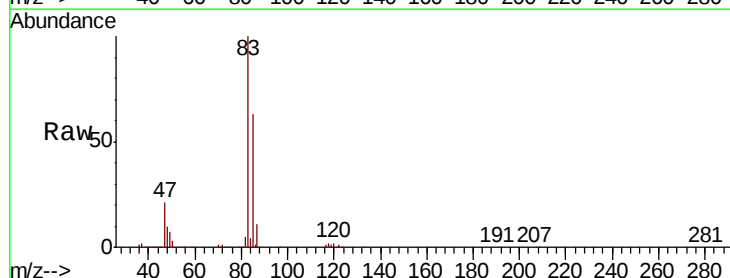
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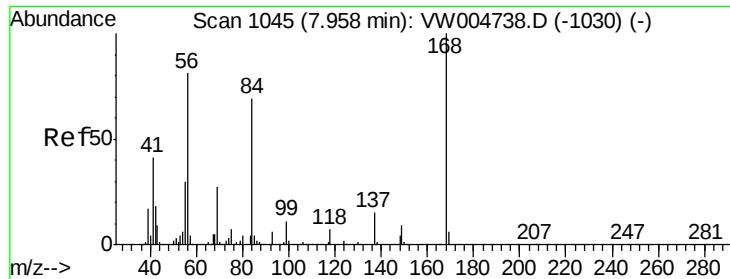
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#30
Chloroform
Concen: 47.85 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6





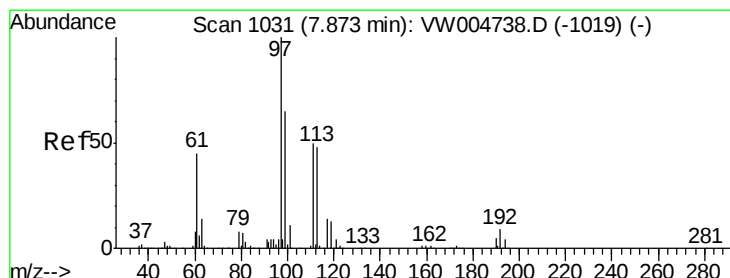
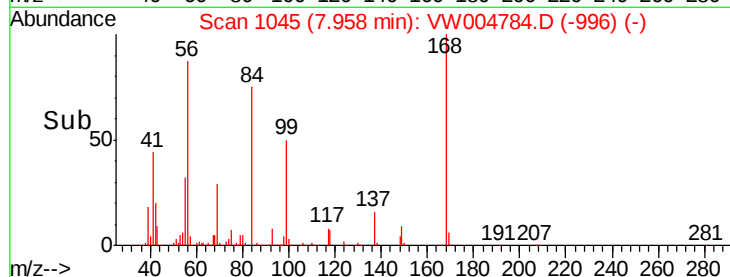
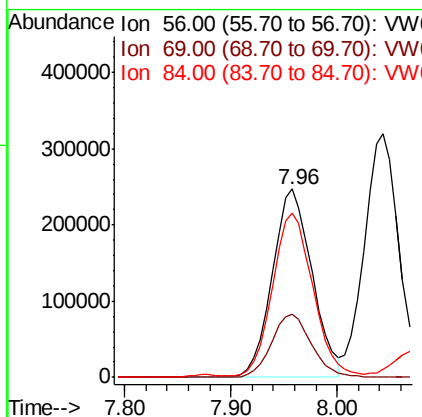
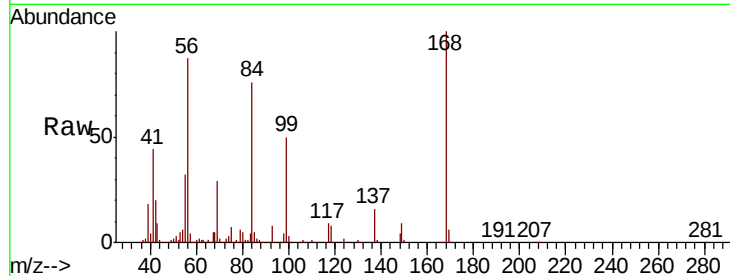
#31
Cyclohexane
Concen: 49.31 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.1	40.7
84	86.6	68.3	102.5

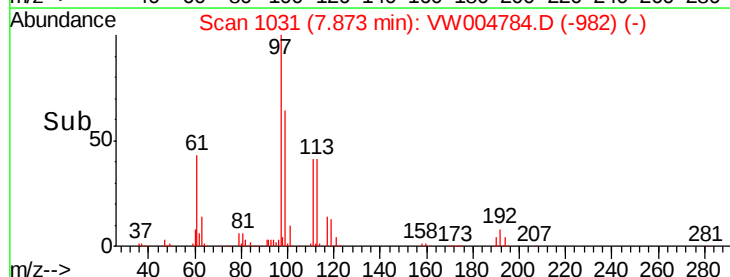
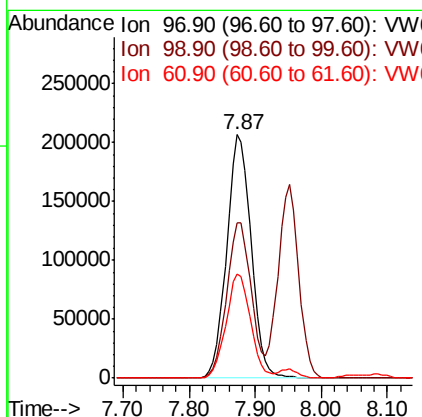
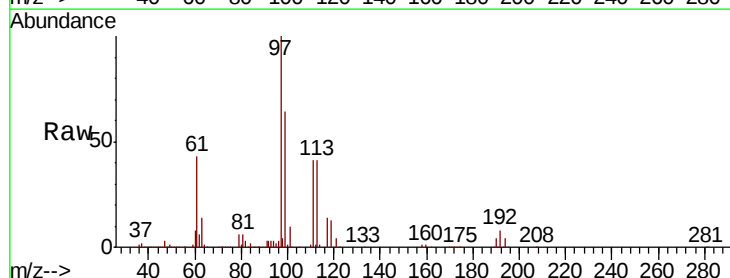
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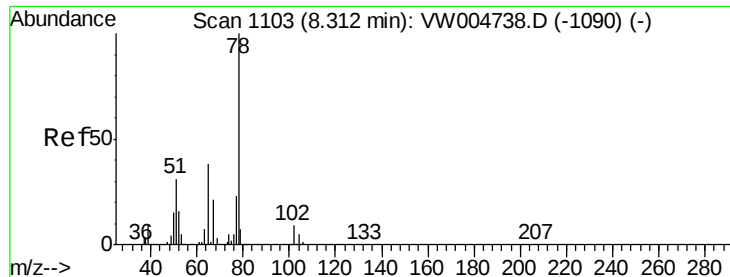
apatel
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#32
1,1,1-Trichloroethane
Concen: 50.70 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	42.9	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 43.64 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 288200

Ion Ratio Lower Upper

65 100

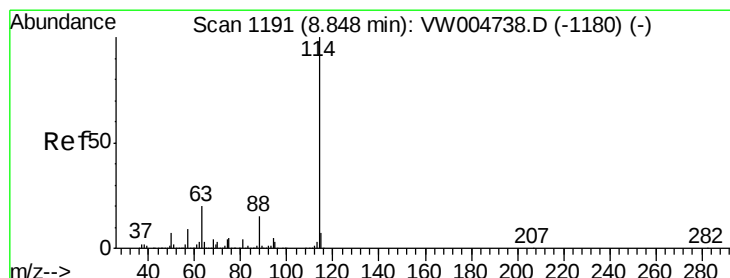
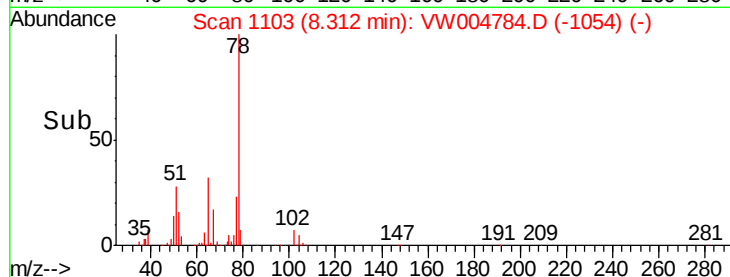
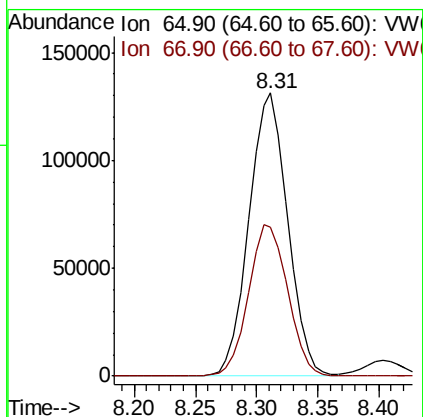
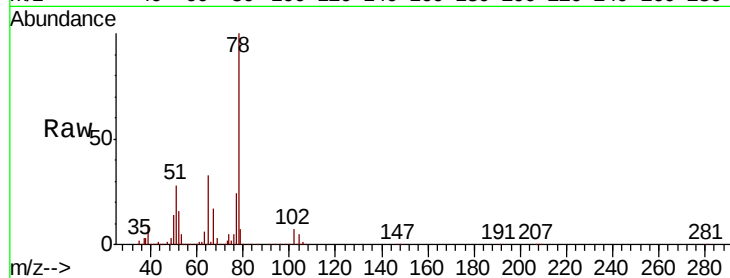
67 53.9 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

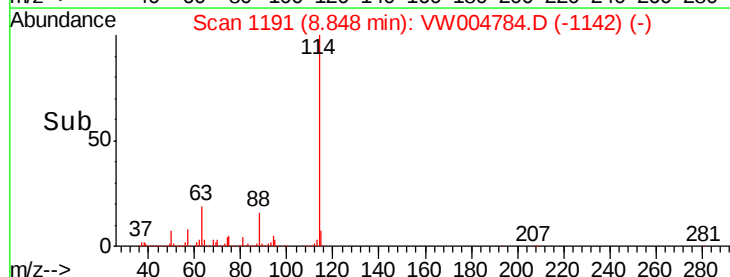
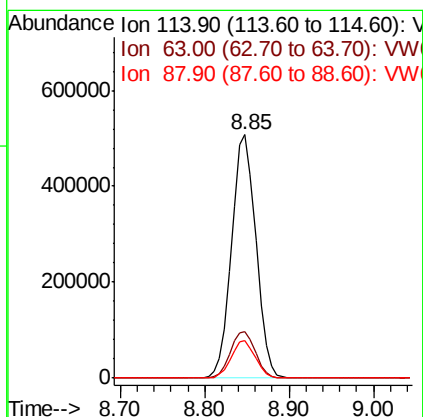
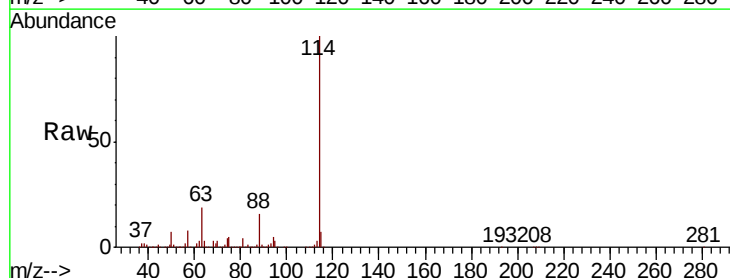
Tgt Ion: 114 Resp: 989242

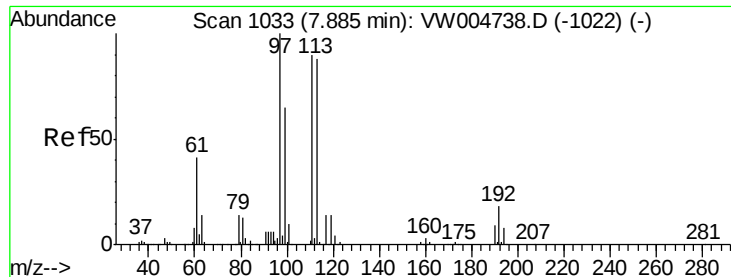
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

88 15.6 0.0 30.0





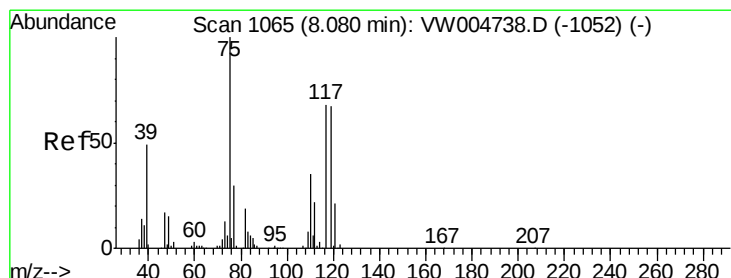
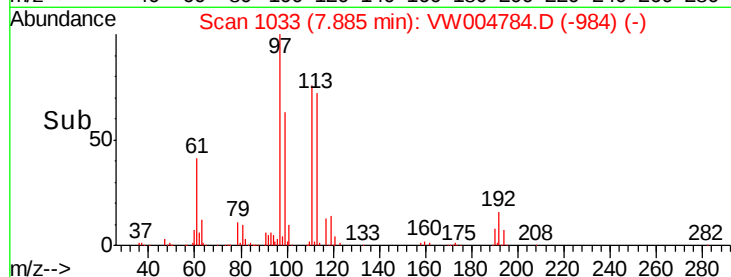
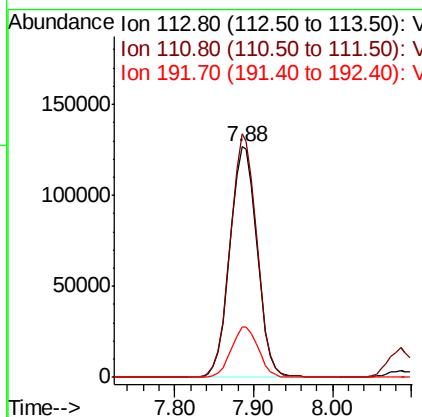
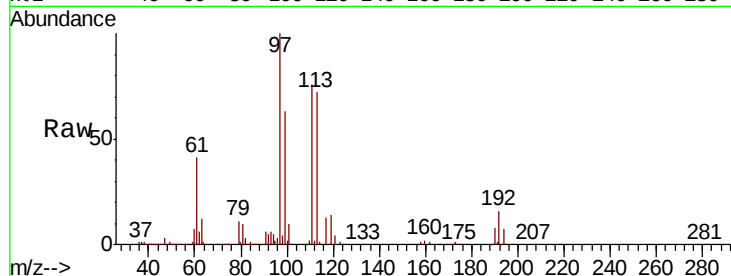
#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.4	123.6	
192	21.8	16.7	25.1	

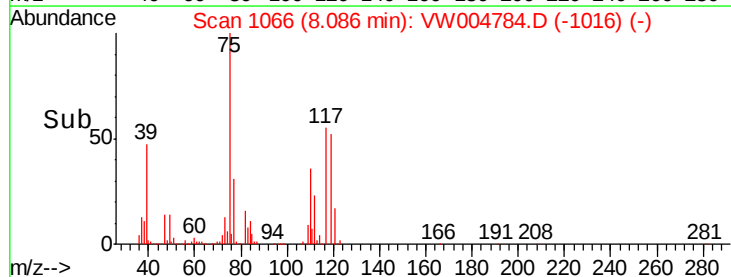
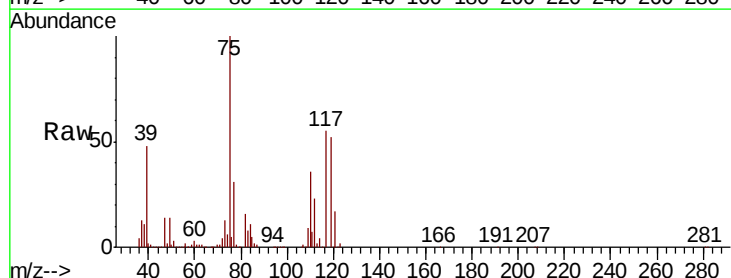
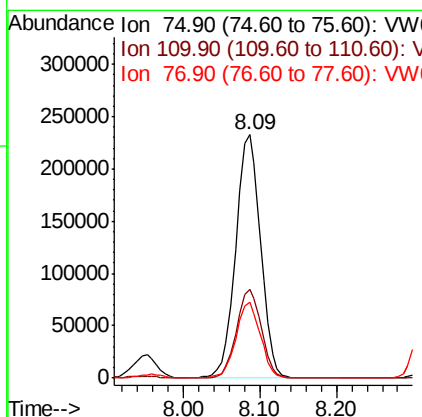
Manual Integrations
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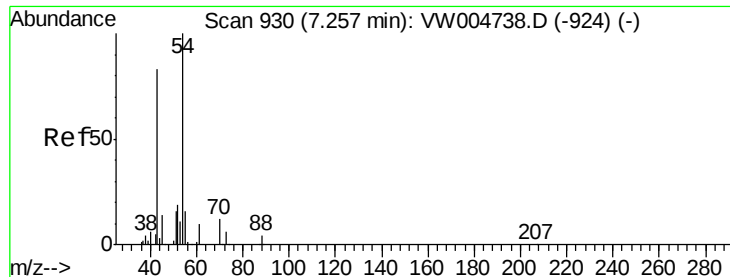
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#36
 1,1-Dichloropropene
 Concen: 51.35 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.2	17.8	53.5	
77	30.9	24.9	37.3	





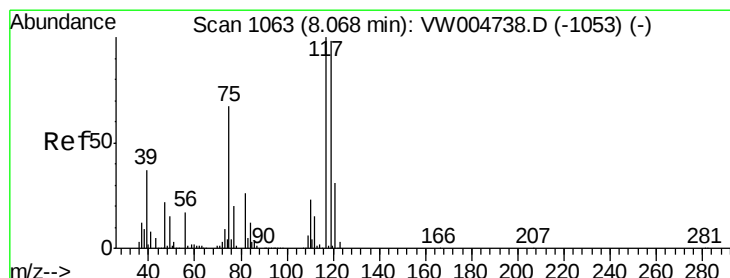
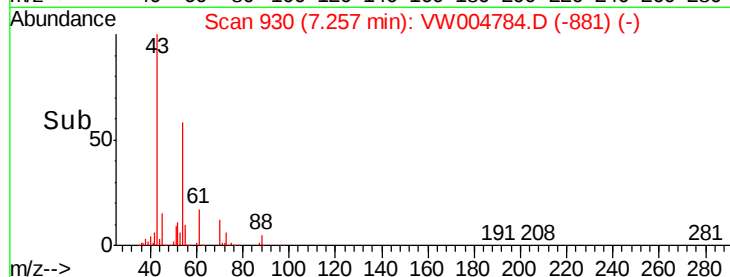
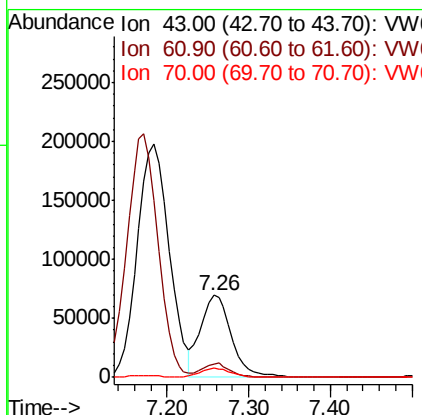
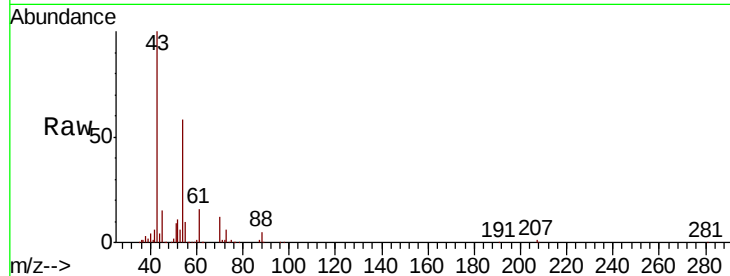
#37
Ethyl Acetate
Concen: 45.29 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	11.1	9.2	13.8

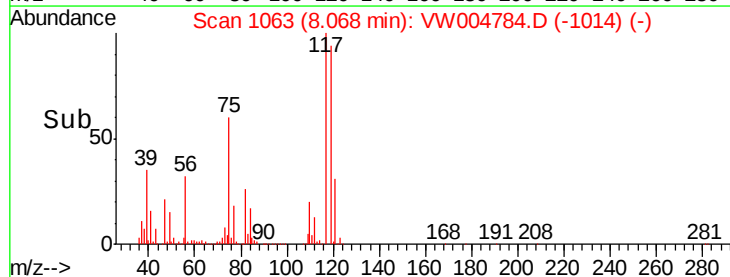
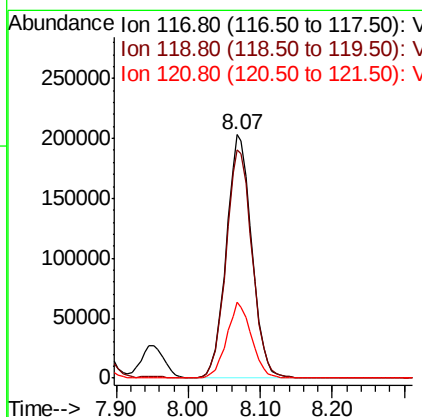
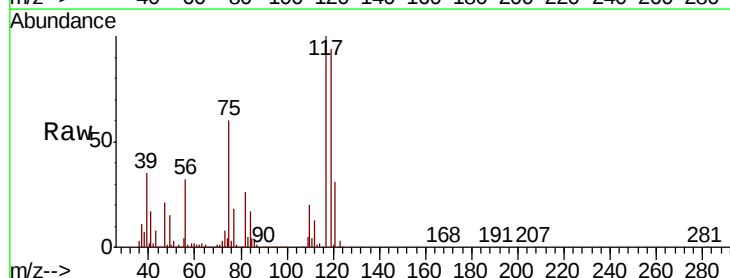
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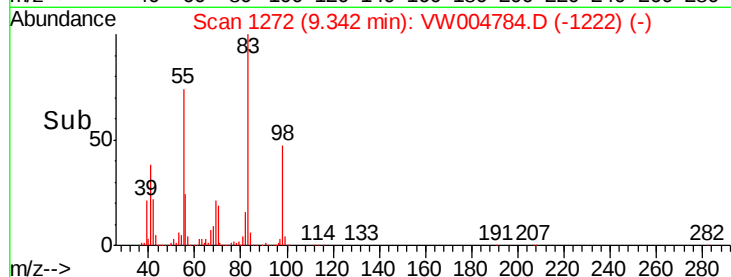
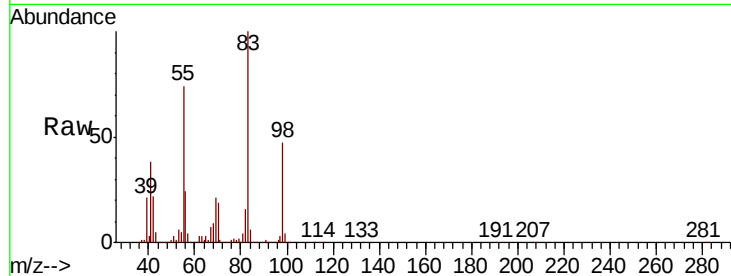
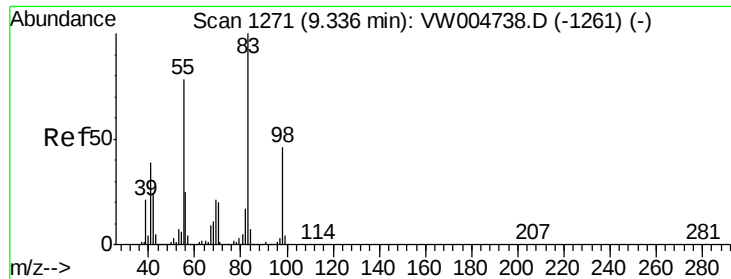
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#38
Carbon Tetrachloride
Concen: 53.08 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.0	117.0
121	31.2	24.8	37.2





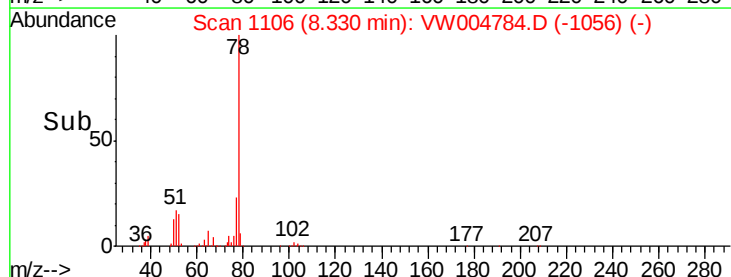
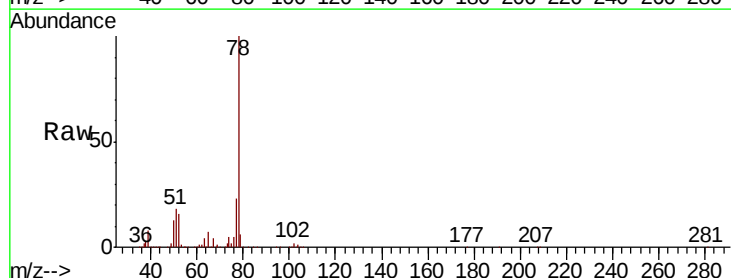
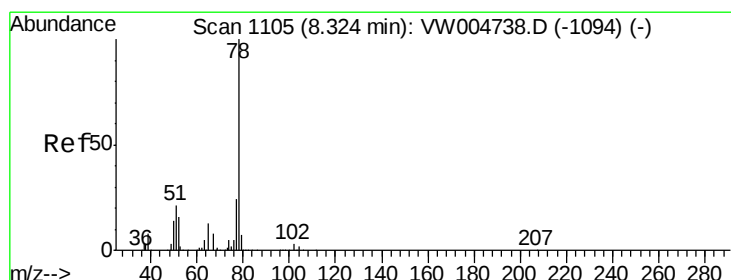
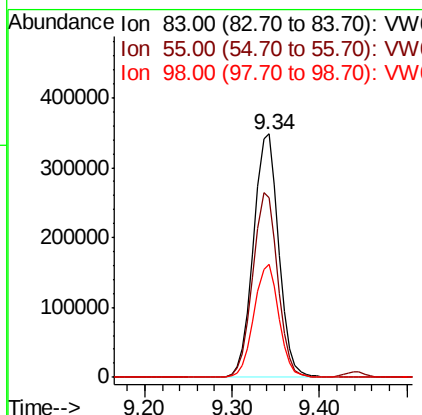
#39
Methylcyclohexane
Concen: 54.96 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	62.4	93.6
98	46.6	36.5	54.7

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

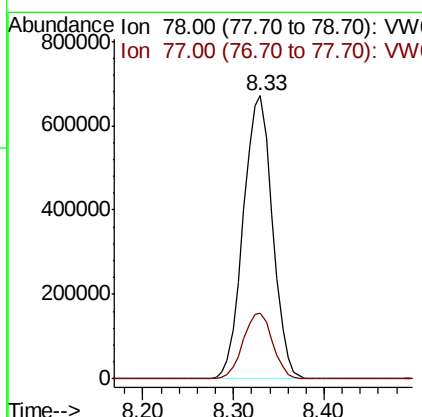
Manual Integrations
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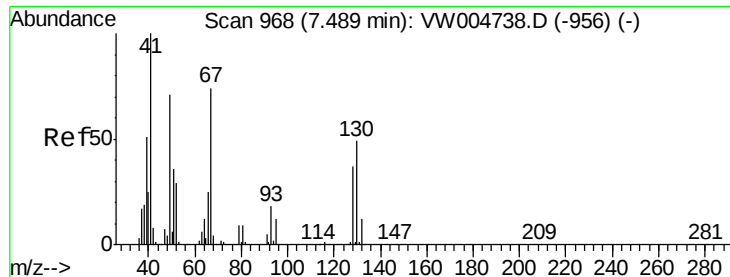
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#40
Benzene
Concen: 50.43 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





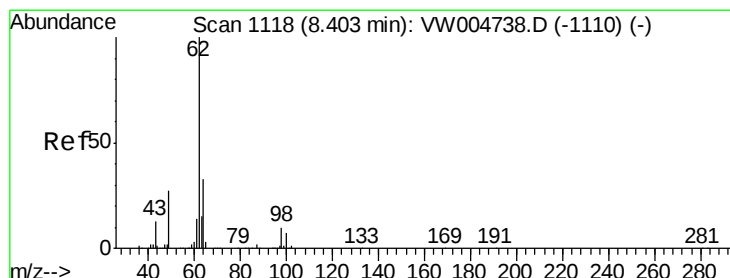
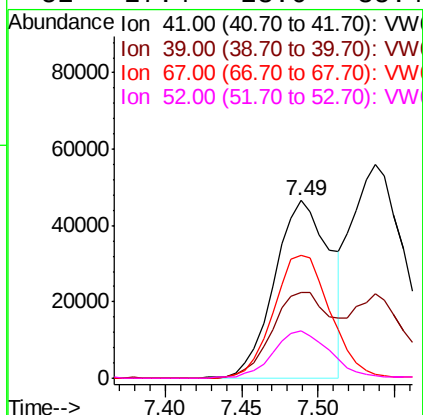
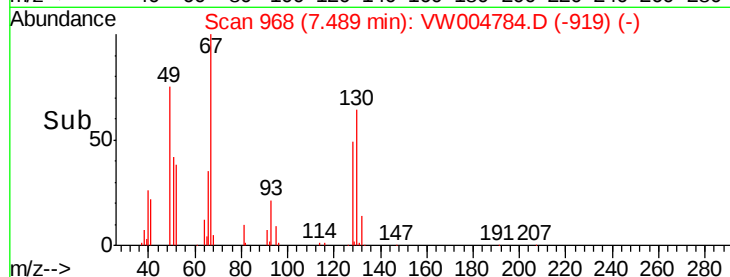
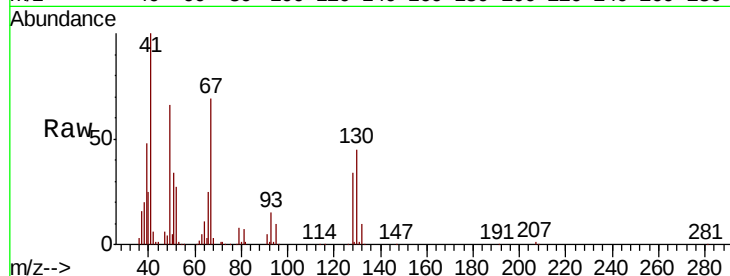
#41
Methacrylonitrile
Concen: 51.09 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	50.5	41.0	61.4		
67	70.7	59.5	89.3		
52	27.4	23.6	35.4		

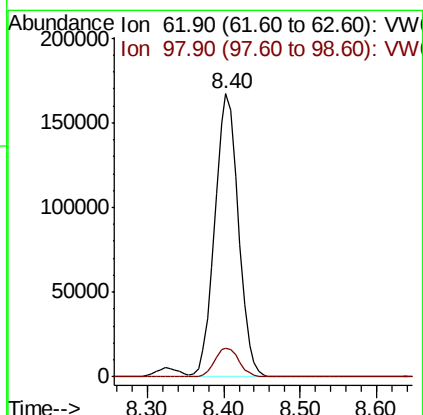
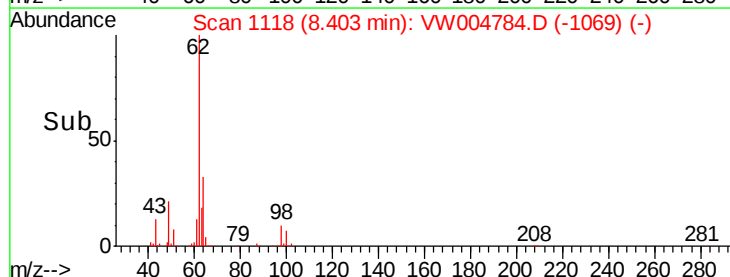
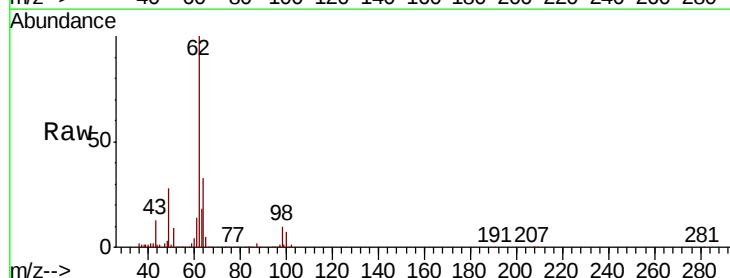
Manual Integrations
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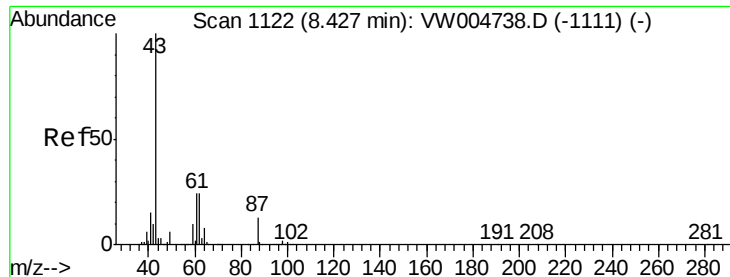
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#42
1,2-Dichloroethane
Concen: 47.06 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.4	0.0	20.2		





#43

Isopropyl Acetate

Concen: 45.84 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

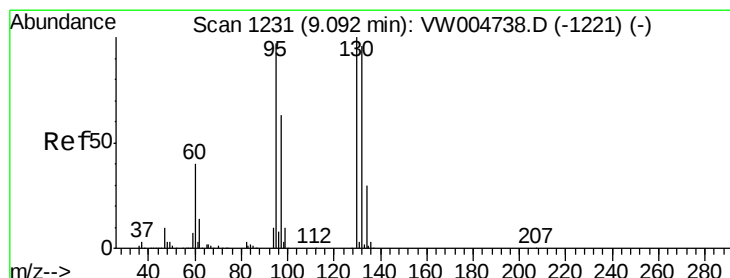
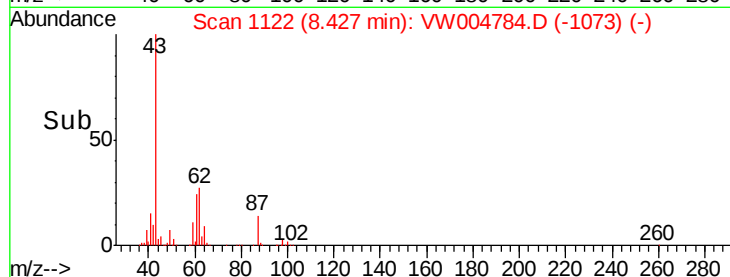
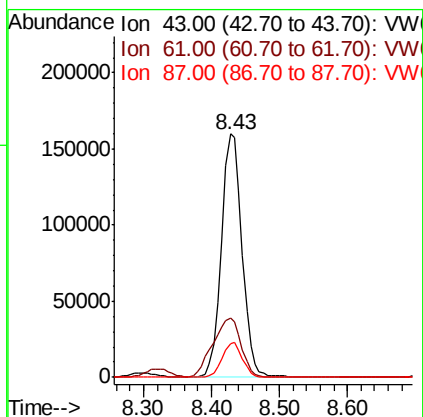
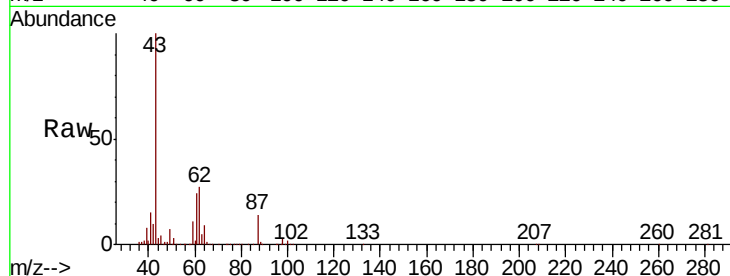
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	334513
Ion Ratio		Lower	Upper
43	100		
61	33.3	26.2	39.4
87	14.2	10.9	16.3

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#44

Trichloroethene

Concen: 50.69 ug/l

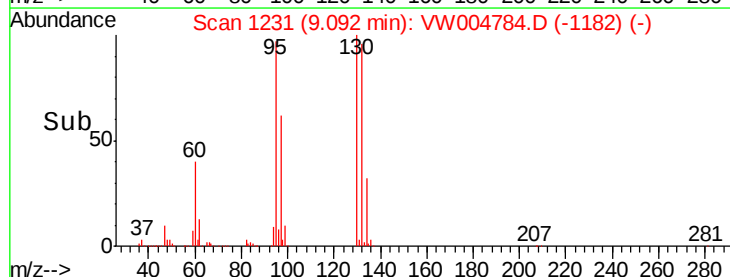
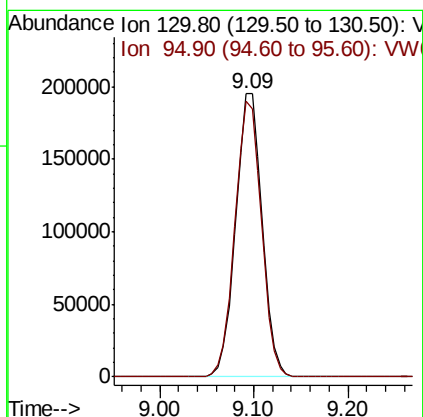
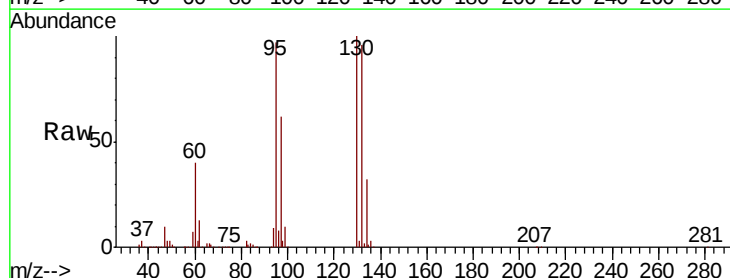
RT: 9.09 min Scan# 1231

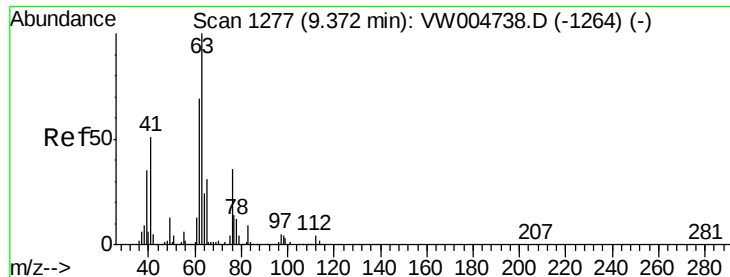
Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tgt Ion:	130	Resp:	381099
Ion Ratio		Lower	Upper
130	100		
95	97.3	0.0	194.4





#45

1,2-Dichloropropane

Concen: 49.44 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 358158

Ion Ratio Lower Upper

63 100

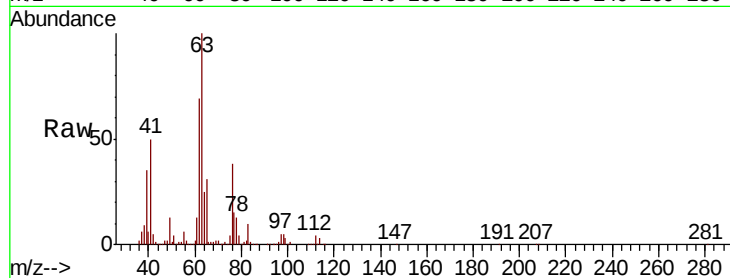
65 31.4 24.6 37.0

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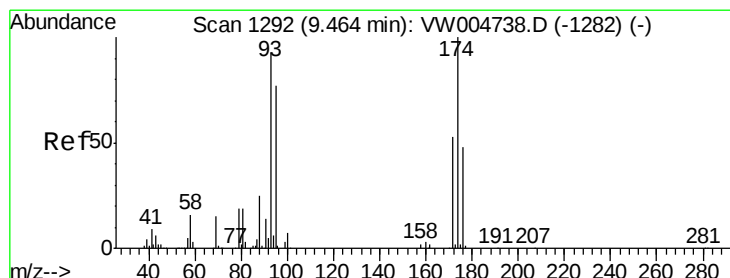
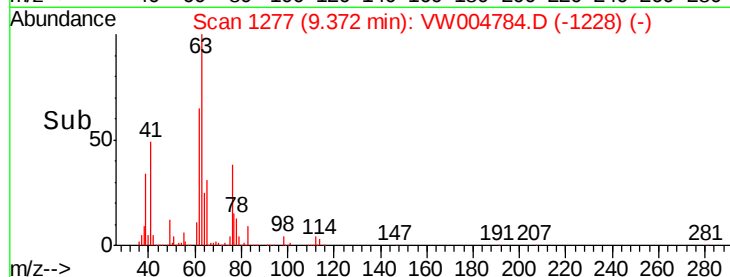
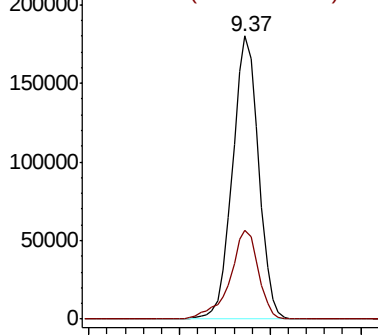
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 47.14 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

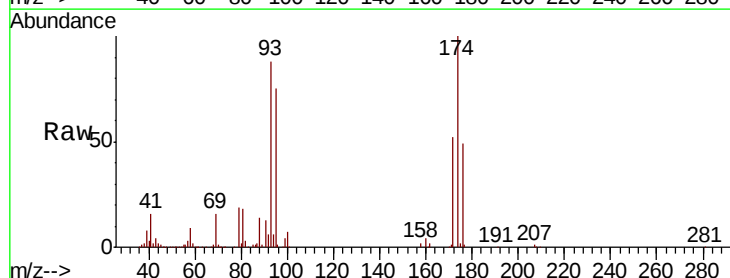
Tgt Ion: 93 Resp: 169190

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

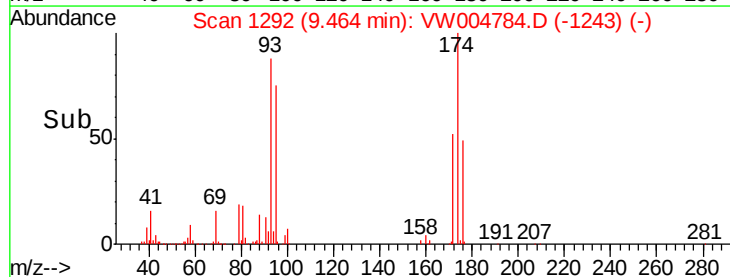
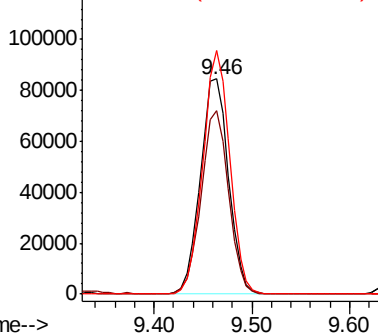
174 108.1 85.3 127.9

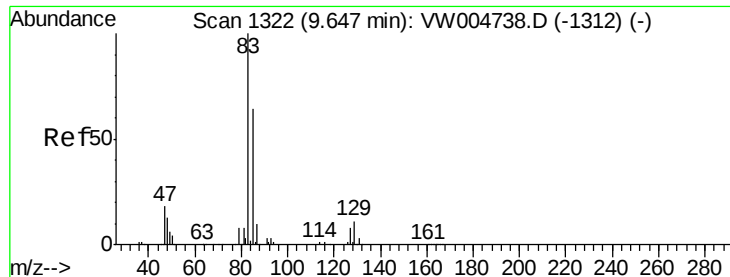


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





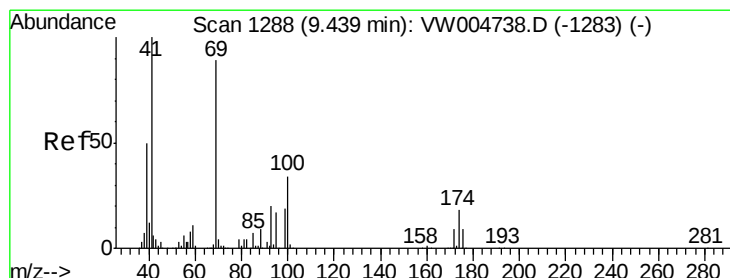
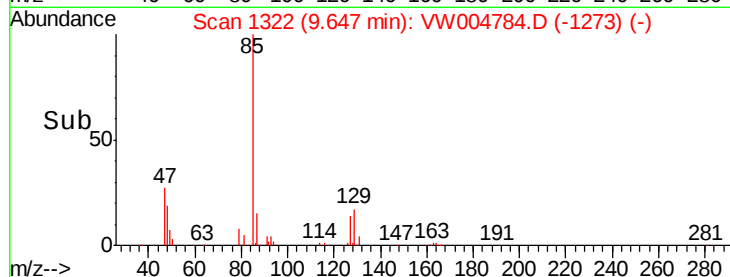
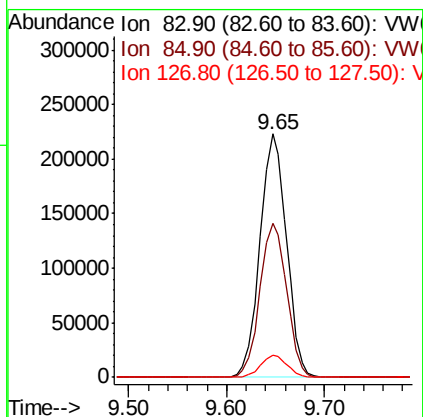
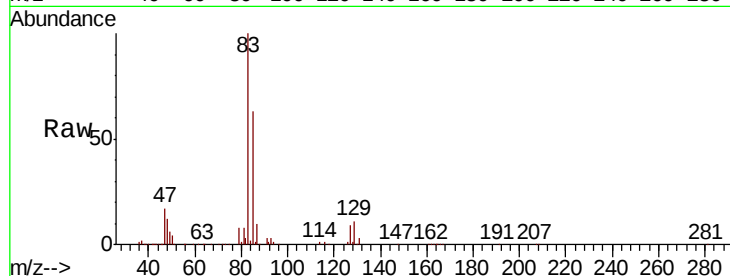
#47
Bromodichloromethane
Concen: 49.03 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	420226		
85	63.0		51.2	76.8
127	9.0		6.7	10.1

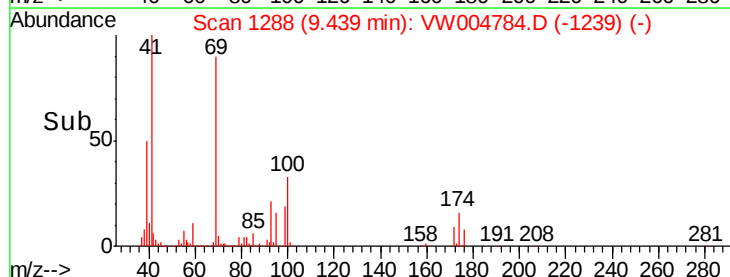
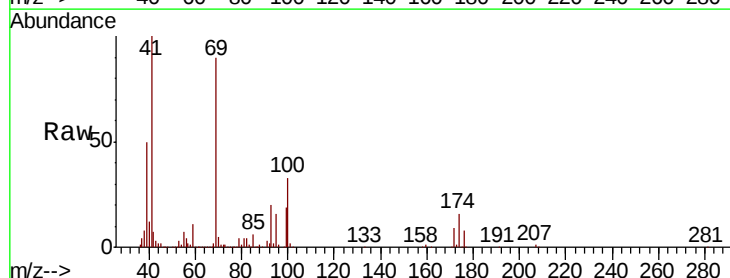
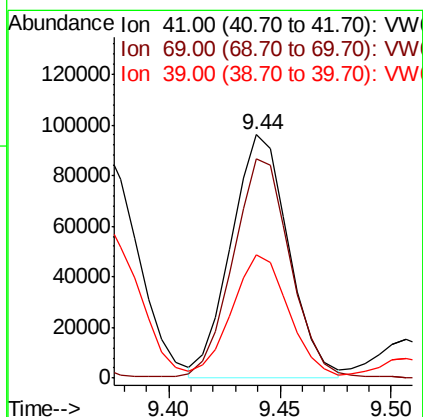
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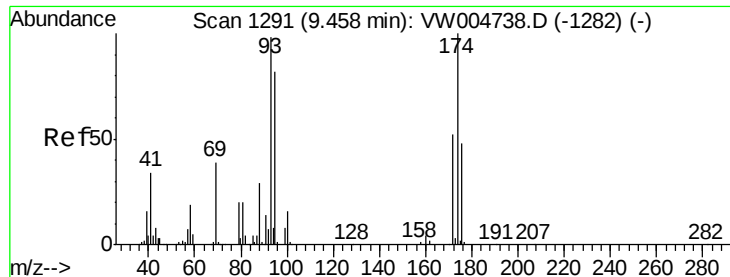
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#48
Methyl methacrylate
Concen: 50.24 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	172008		
69	90.5		75.2	112.8
39	47.3		39.8	59.6





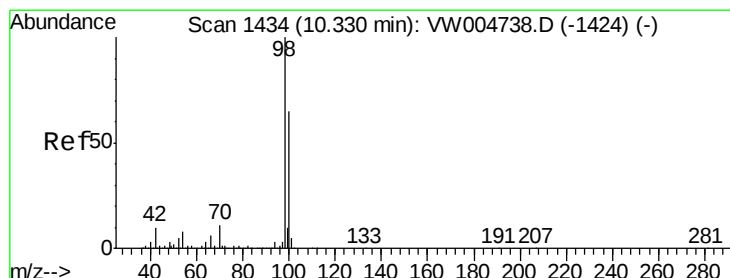
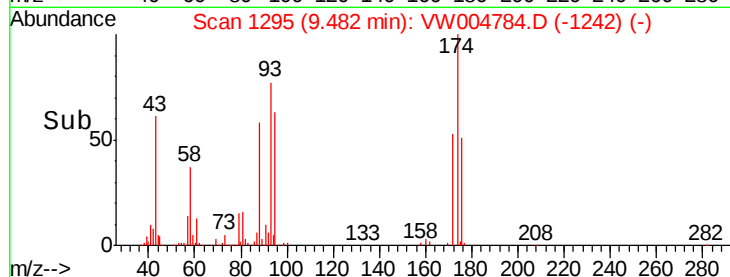
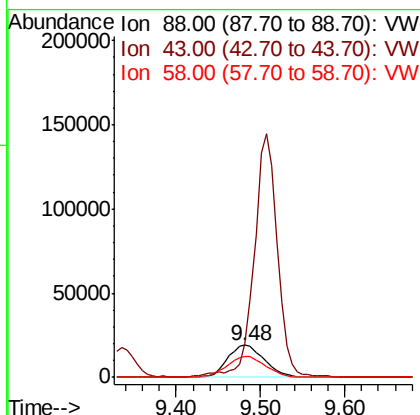
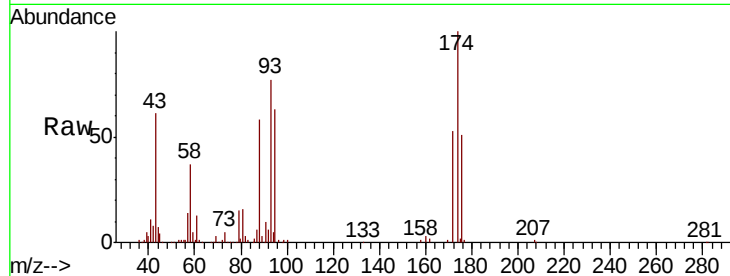
#49
1,4-Dioxane
Concen: 1077.28 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.02 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	69.3	60.0	90.0

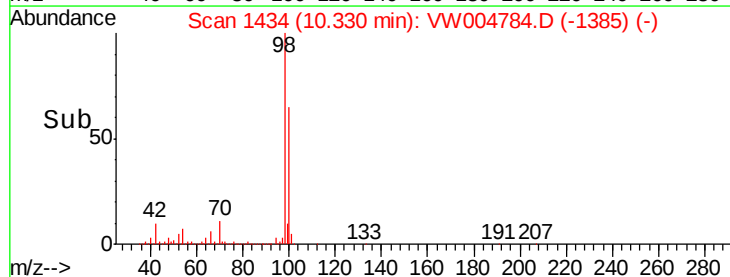
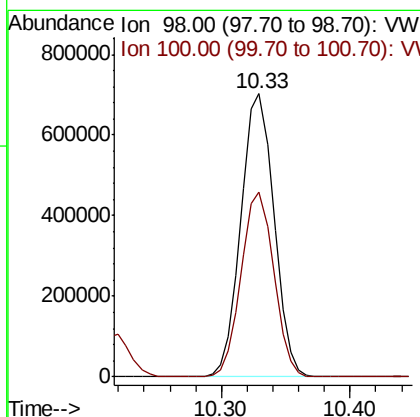
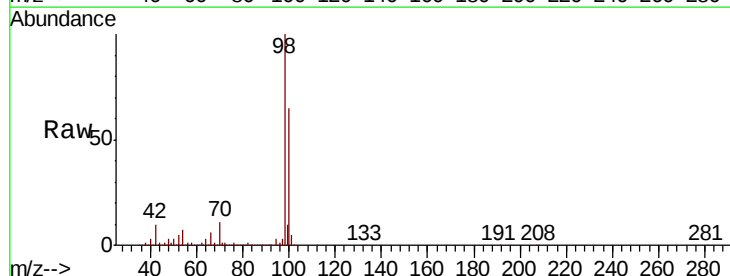
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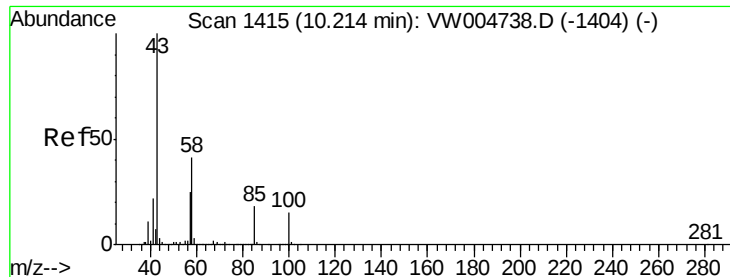
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#50
Toluene-d8
Concen: 50.55 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 228.74 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1128062

Ion Ratio Lower Upper

43 100

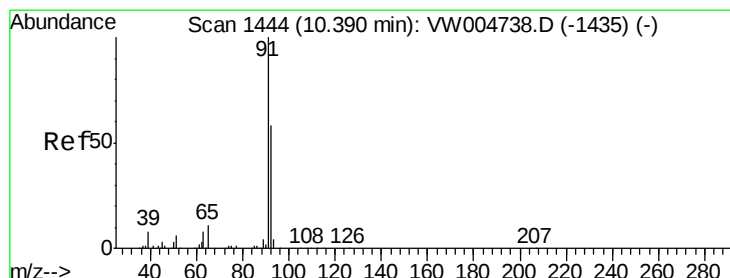
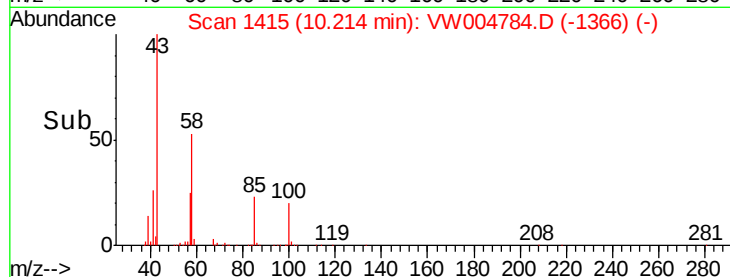
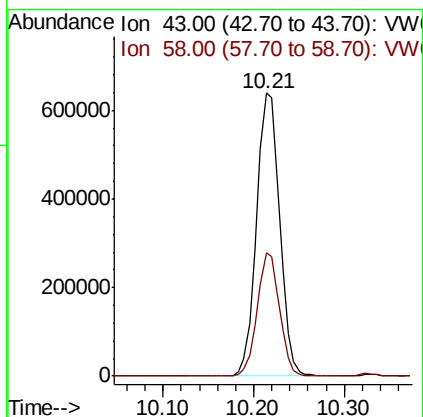
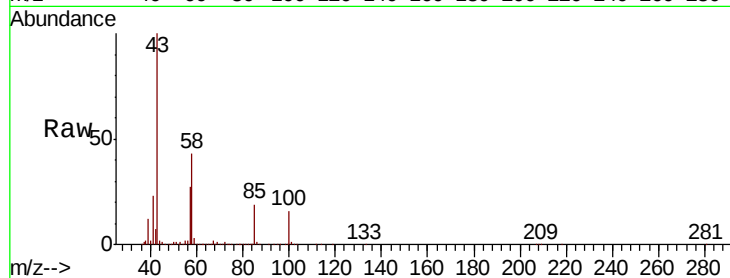
58 41.9 32.7 49.1

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#52

Toluene

Concen: 51.67 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004784.D

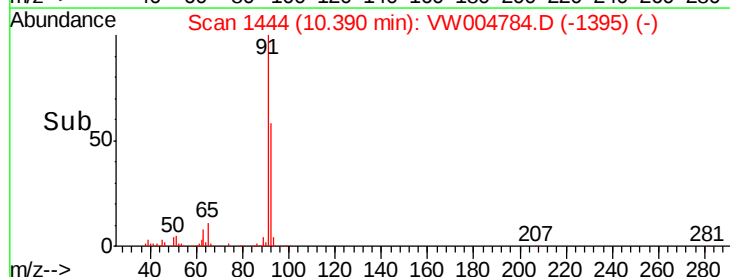
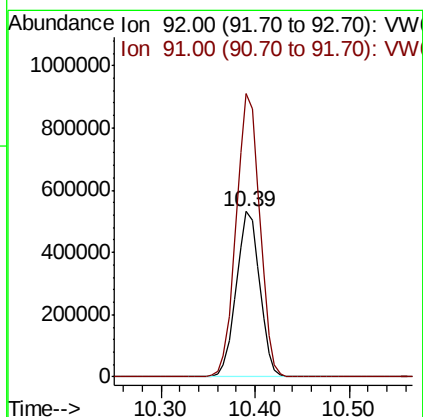
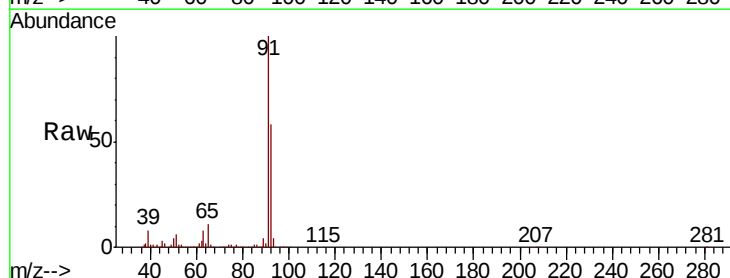
Acq: 20 Aug 2018 11:57

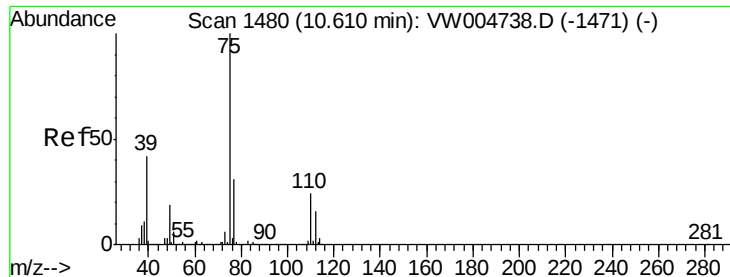
Tgt Ion: 92 Resp: 917856

Ion Ratio Lower Upper

92 100

91 172.8 138.3 207.5





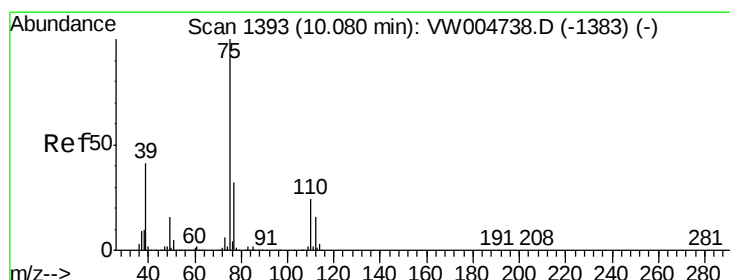
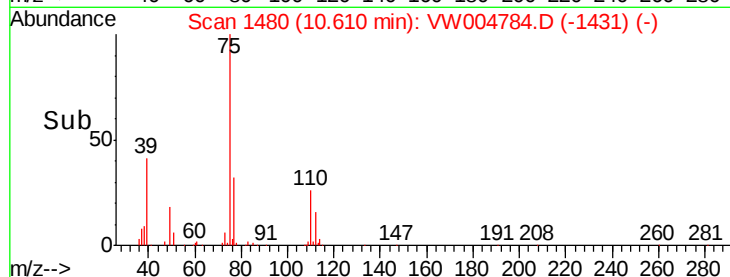
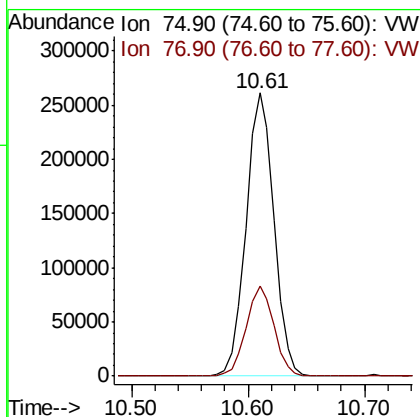
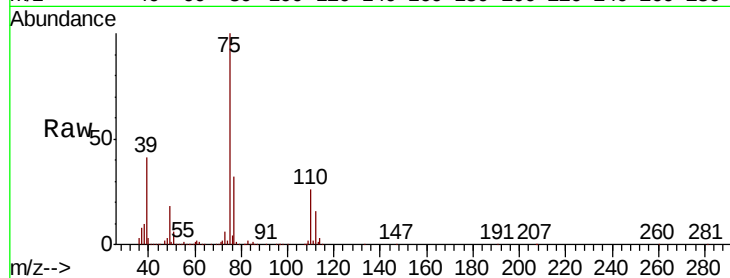
#53
t-1,3-Dichloropropene
Concen: 50.54 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2

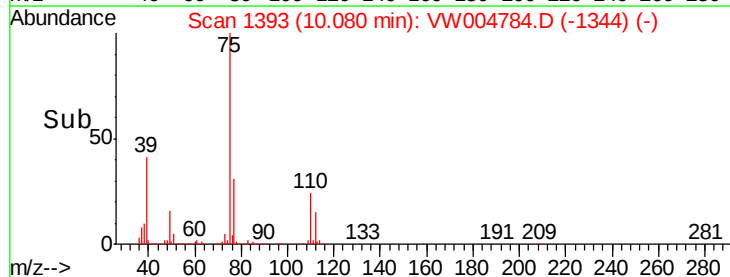
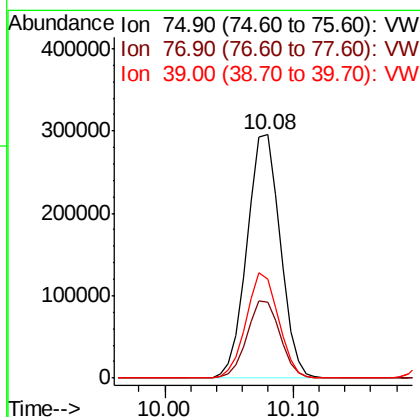
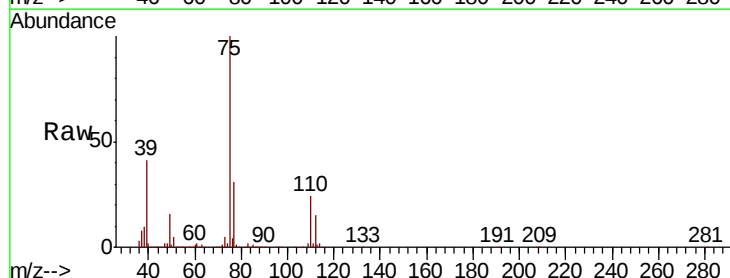
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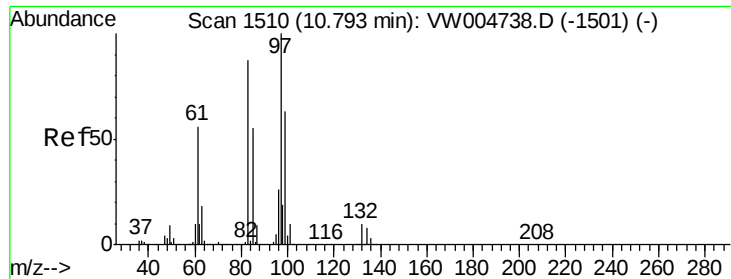
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#54
cis-1,3-Dichloropropene
Concen: 51.17 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4
39	40.8	33.0	49.4





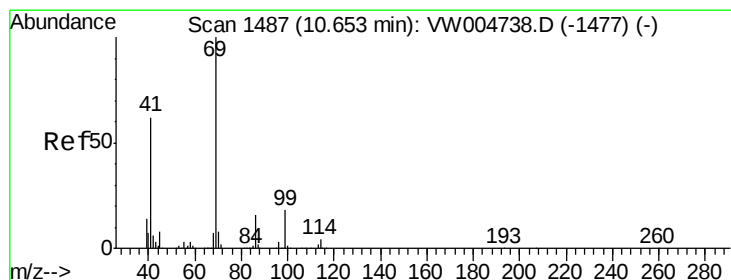
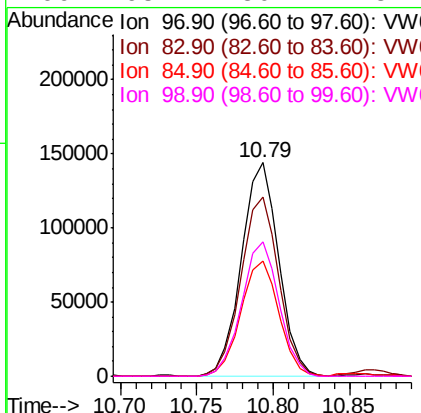
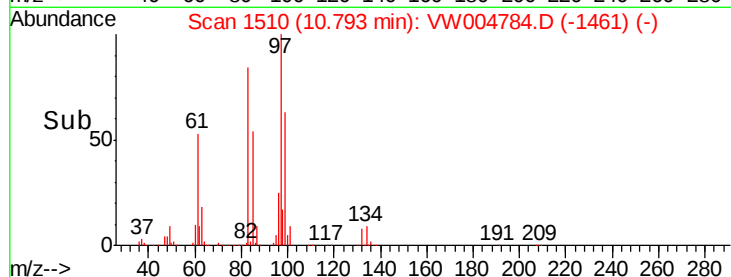
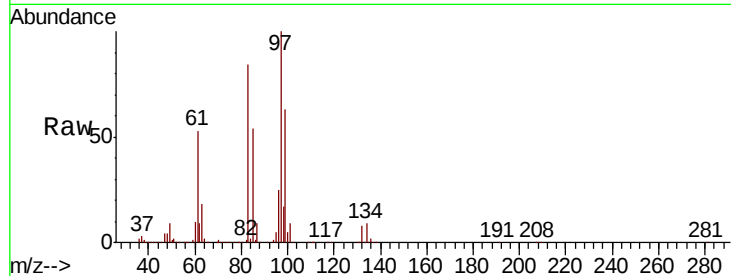
#55
 1,1,2-Trichloroethane
 Concen: 47.84 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		244073		
83	84.0	69.4	104.2		
85	54.1	44.3	66.5		
99	63.2	50.2	75.2		

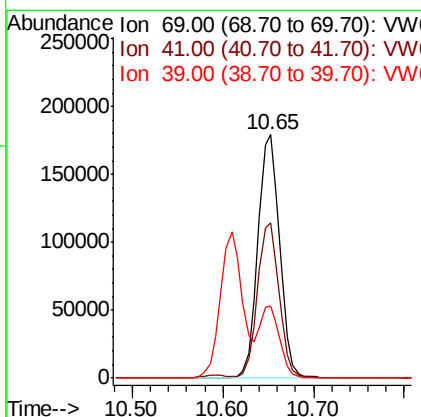
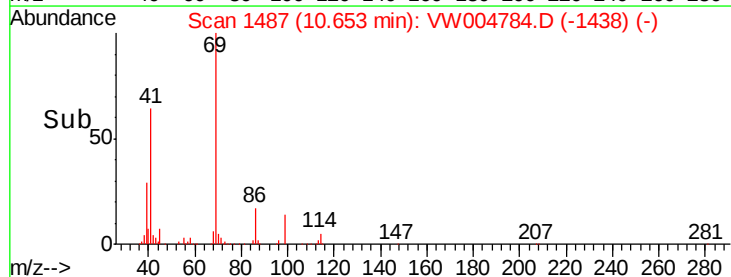
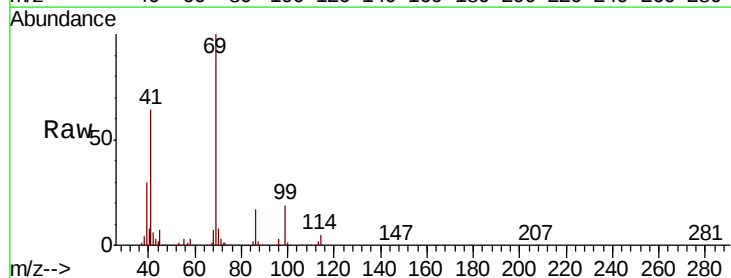
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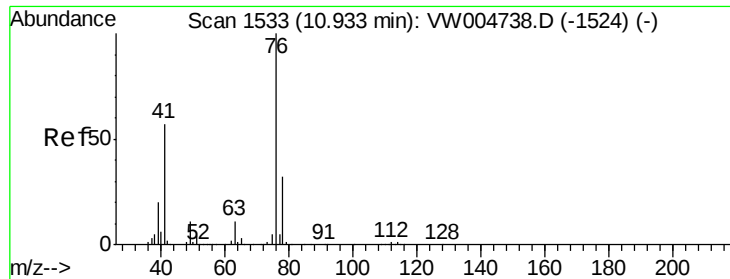
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#56
 Ethyl methacrylate
 Concen: 44.90 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		297126		
41	63.2	50.7	76.1		
39	26.8	21.4	32.2		





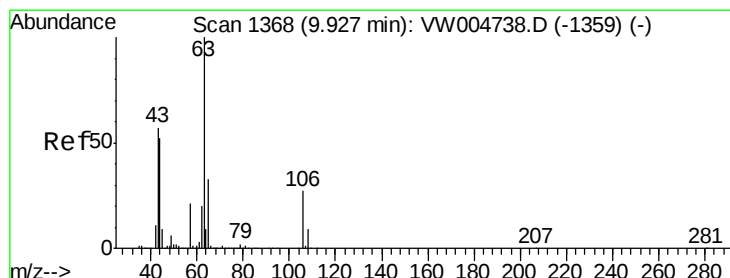
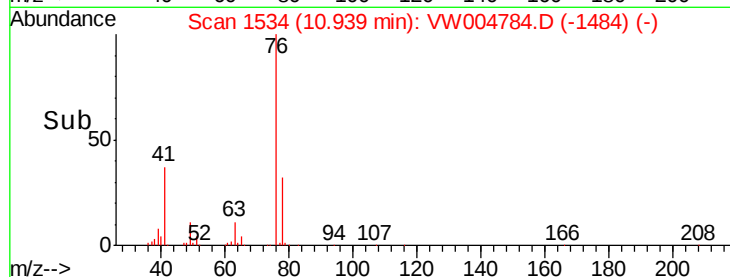
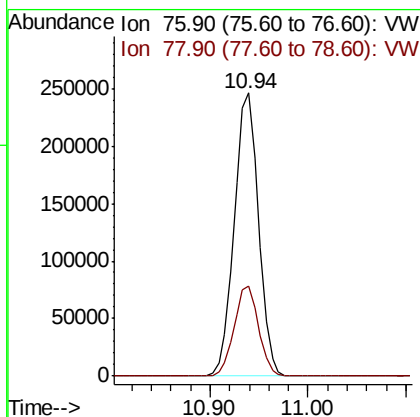
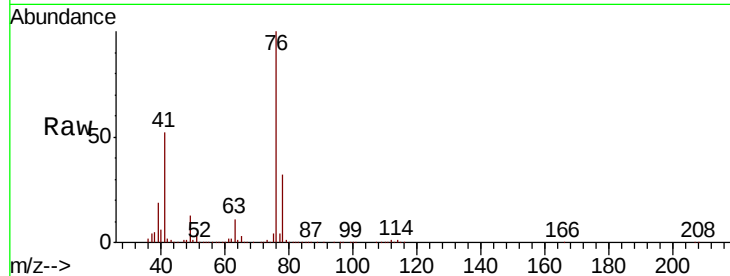
#57
 1,3-Dichloropropane
 Concen: 48.13 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 423893
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

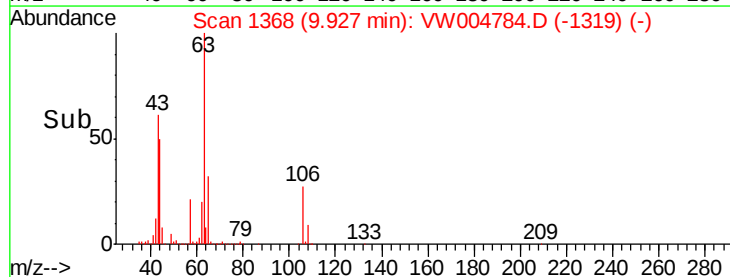
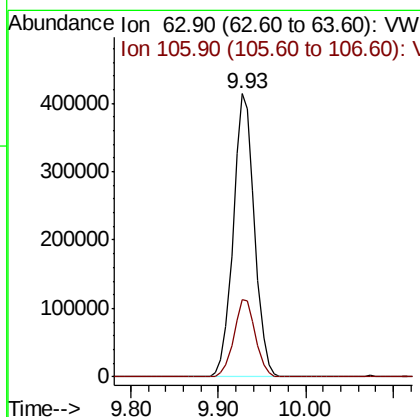
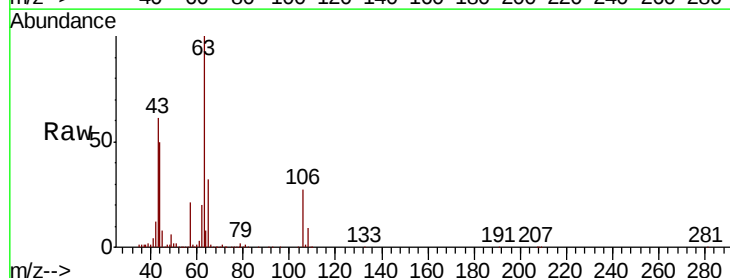
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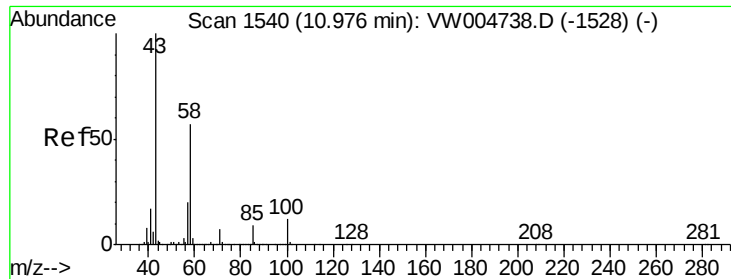
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.88 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion: 63 Resp: 698407
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.1 33.1





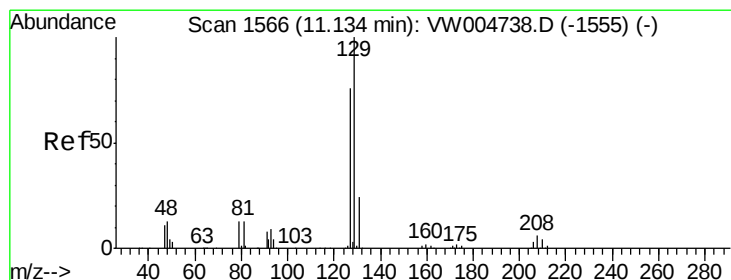
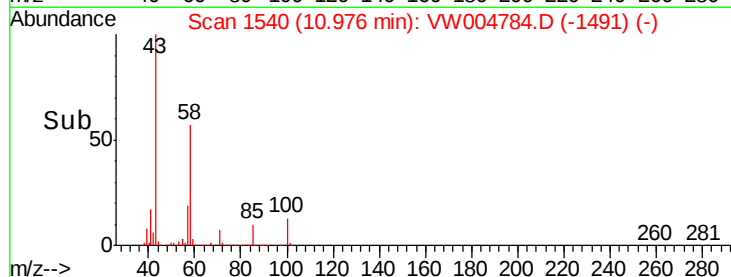
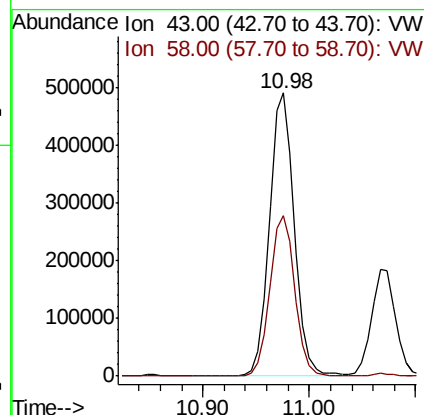
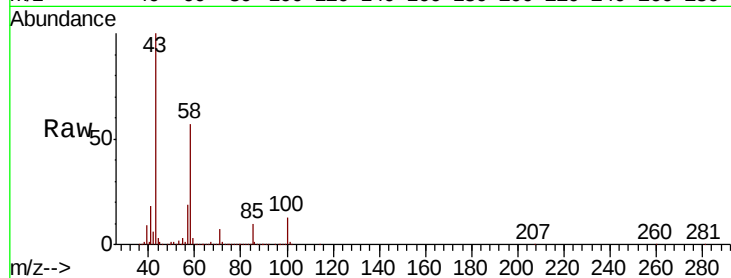
#59
2-Hexanone
Concen: 239.10 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.2	28.1	84.4

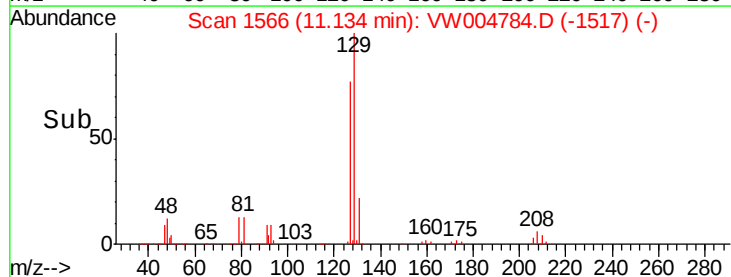
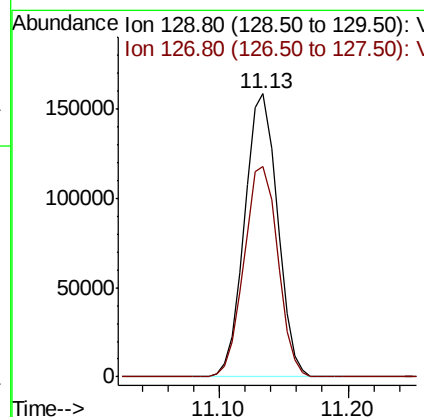
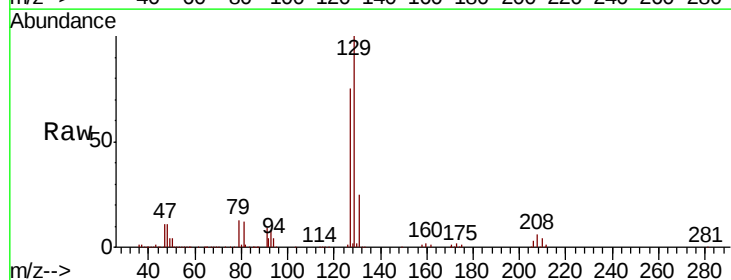
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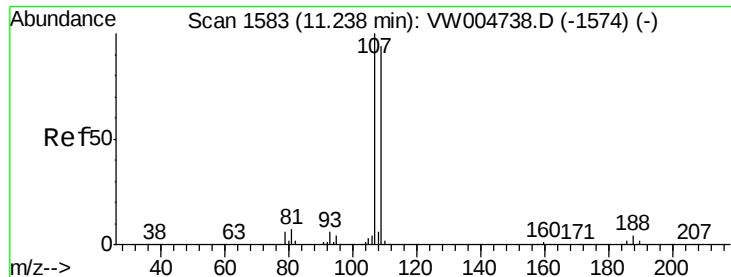
apatel
8/21/2018 11:18:52 AM



#60
Dibromochloromethane
Concen: 48.98 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.5	115.5





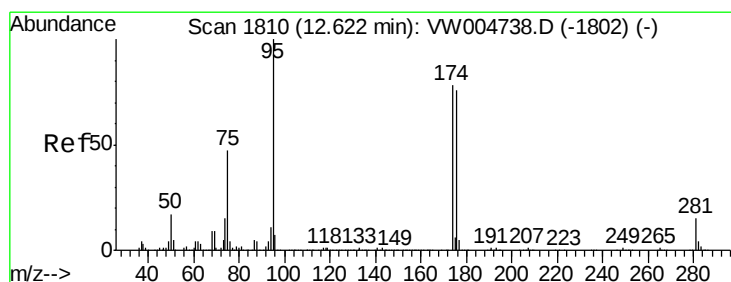
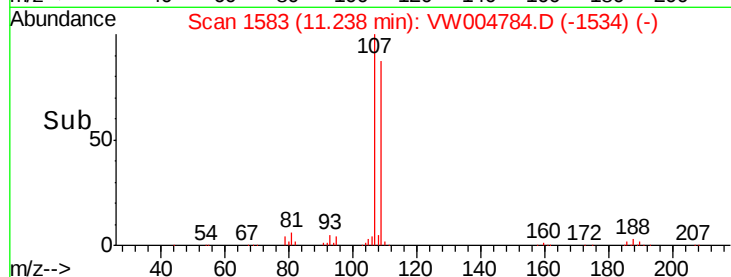
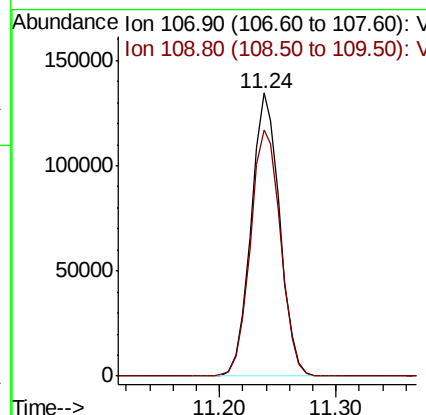
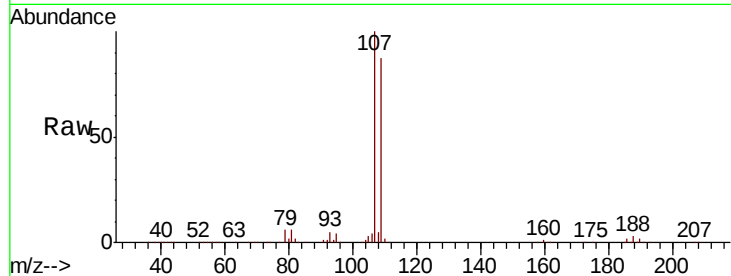
#61
 1,2-Dibromoethane
 Concen: 47.23 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	75.5	113.3

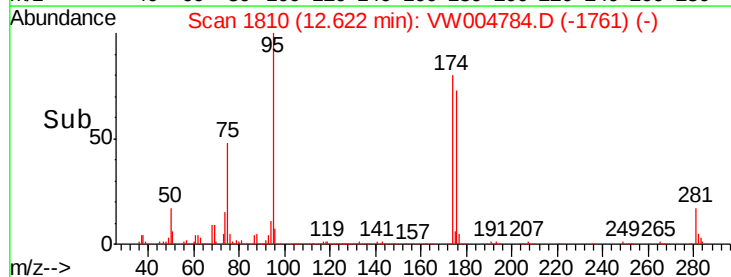
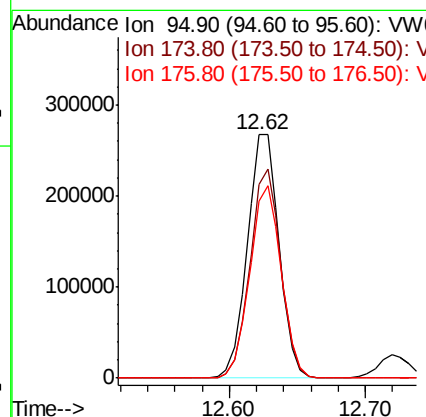
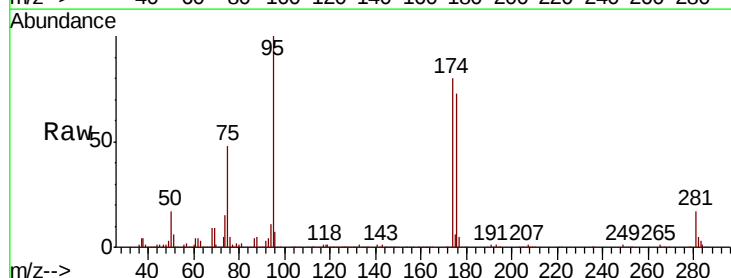
Manual Integrations
 APPROVED

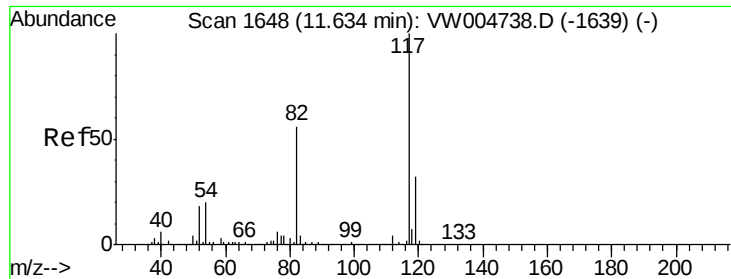
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.12 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	165.8
176	78.7	0.0	159.8





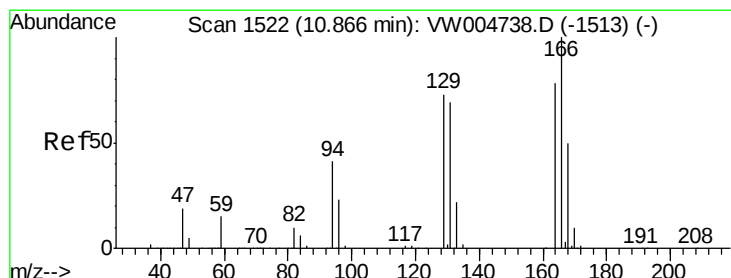
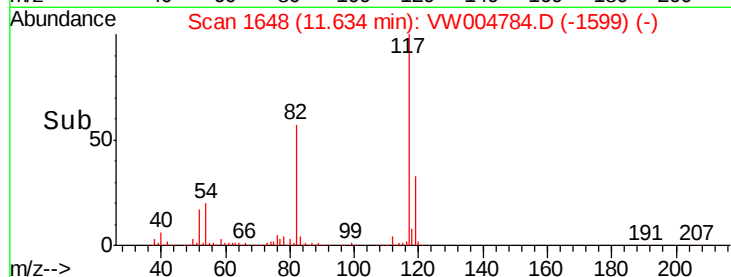
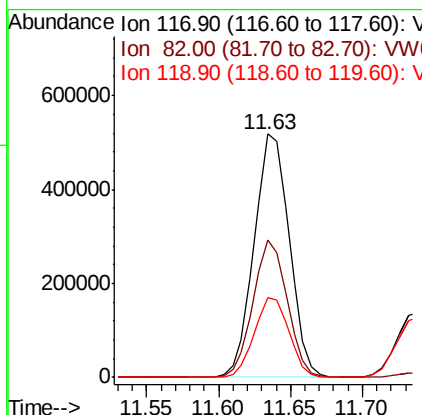
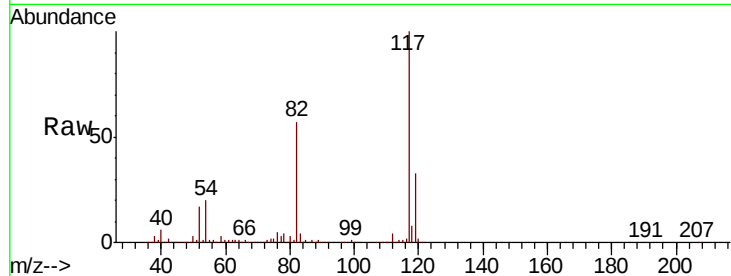
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	873625		
82	56.6		44.6	67.0
119	32.6		25.6	38.4

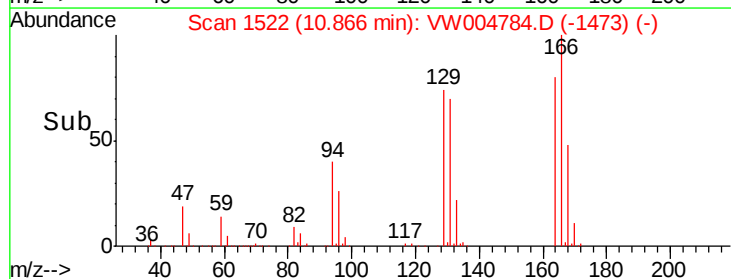
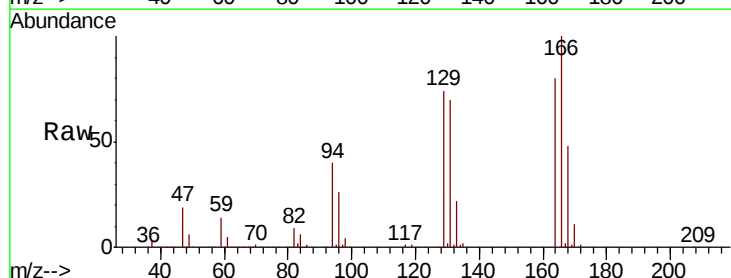
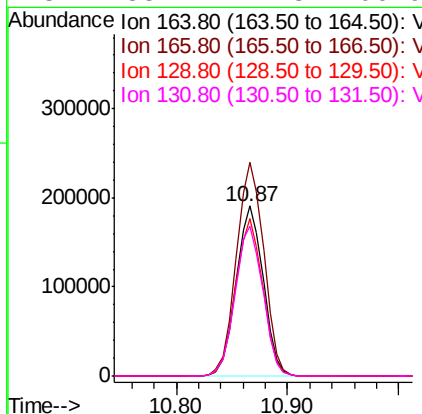
Manual Integrations
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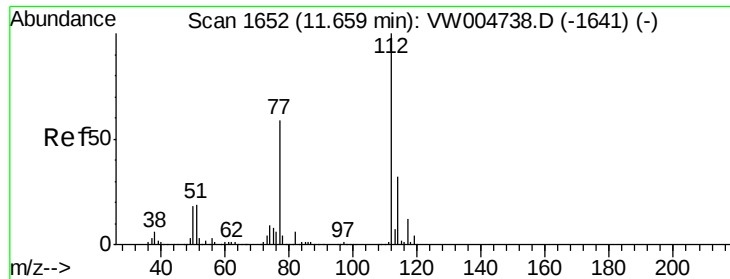
apatel
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#64
Tetrachloroethene
Concen: 53.73 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	320812		
166	125.7		102.5	153.7
129	92.9		75.1	112.7
131	88.2		71.3	106.9





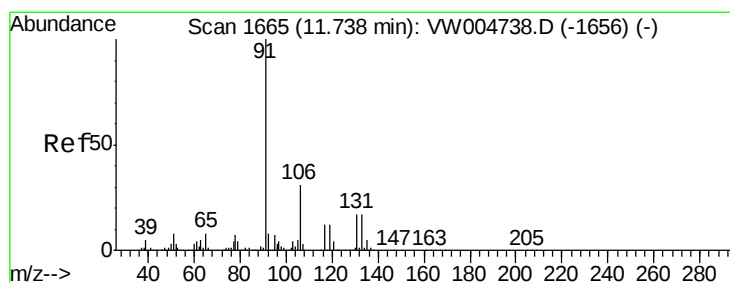
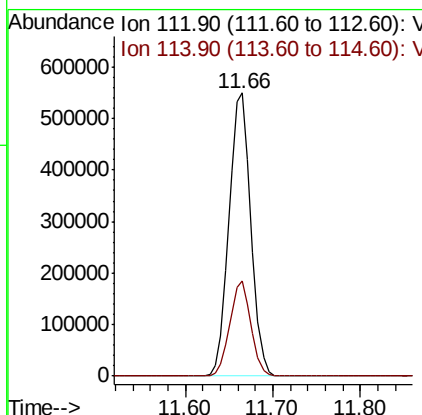
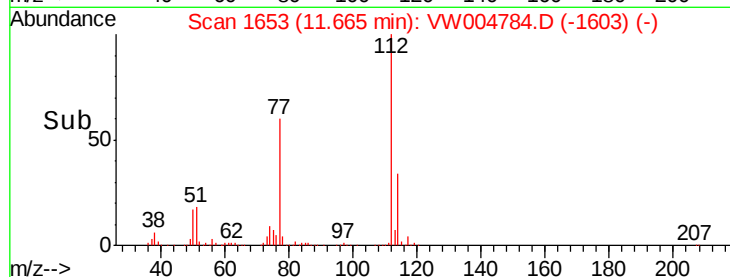
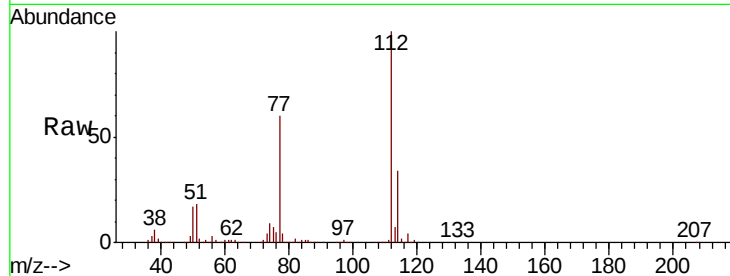
#65
Chlorobenzene
Concen: 50.60 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.4	38.2

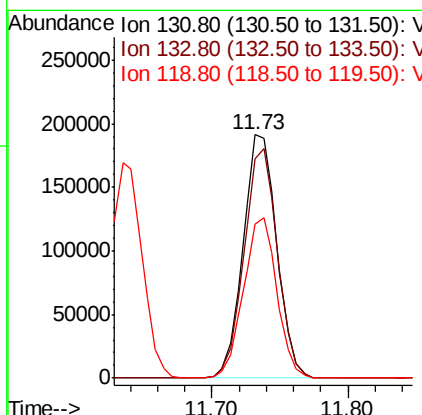
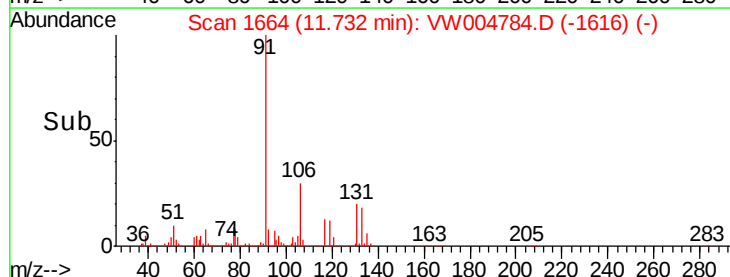
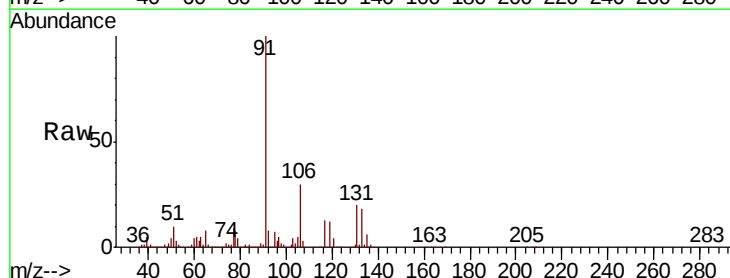
Manual Integrations
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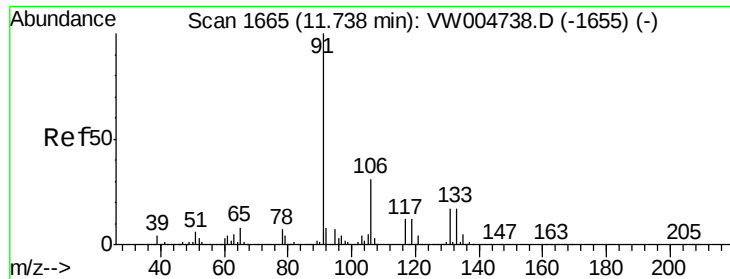
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.06 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	48.2	144.6
119	65.6	34.0	102.0





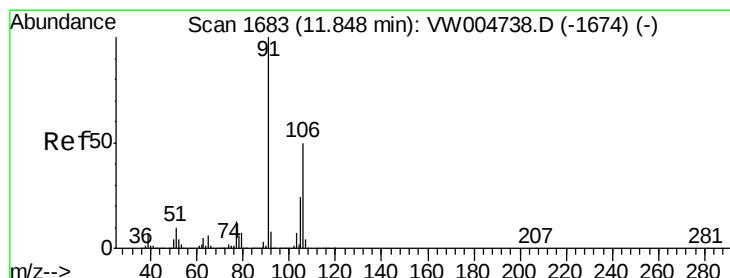
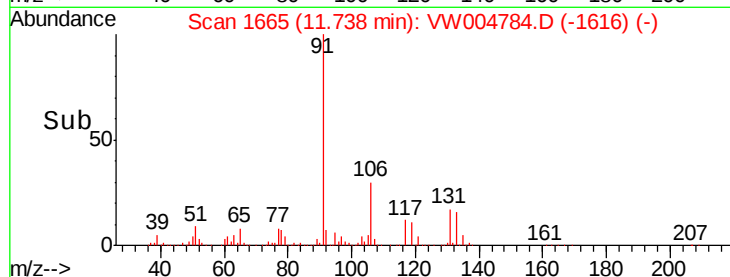
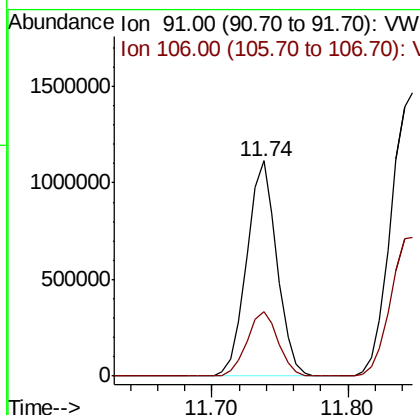
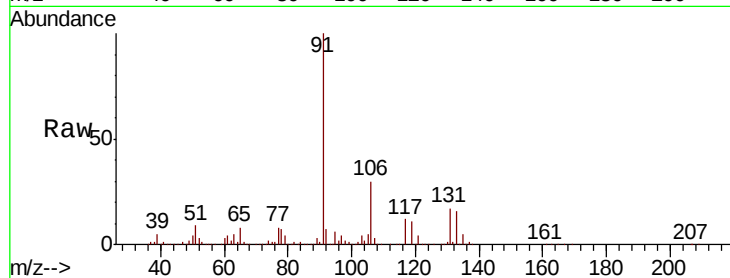
#67
Ethyl Benzene
Concen: 54.18 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1727081
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

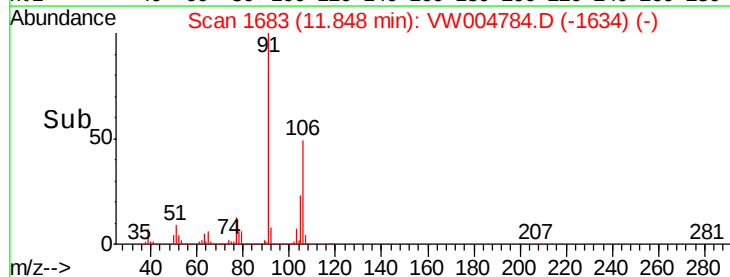
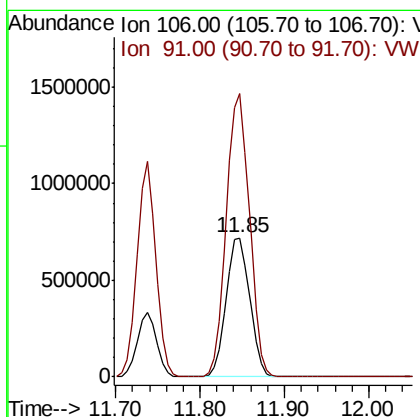
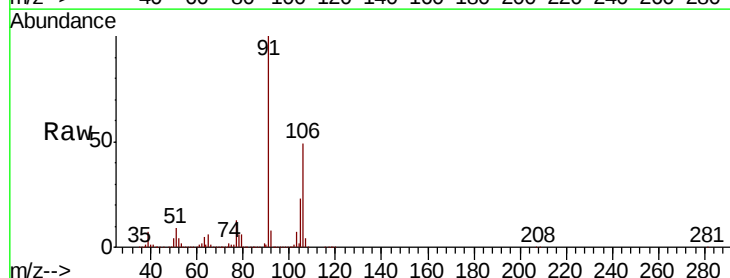
Manual Integrations
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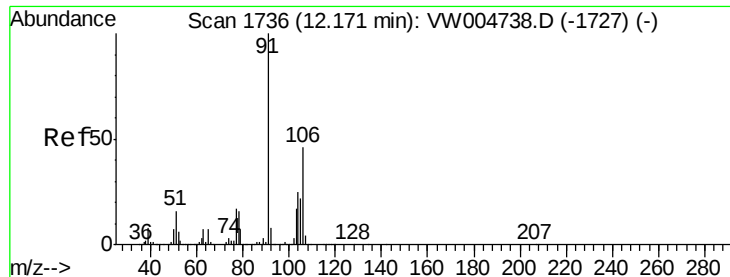
apatel
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#68
m/p-Xylenes
Concen: 109.80 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion:106 Resp: 1361678
Ion Ratio Lower Upper
106 100
91 200.5 159.9 239.9





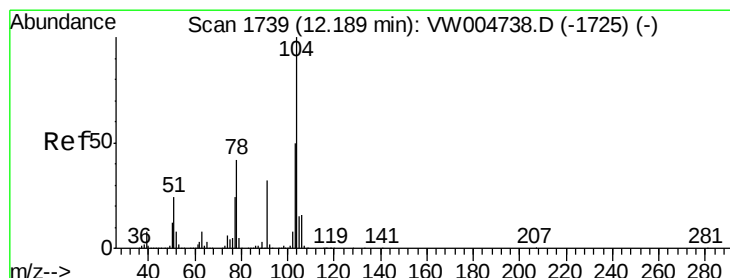
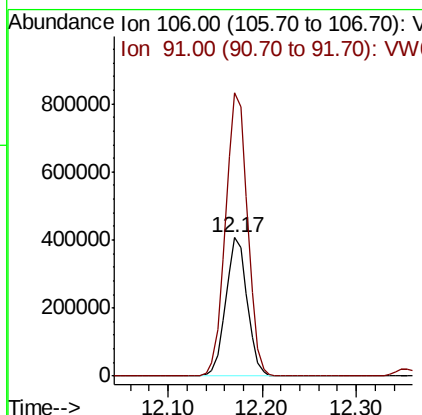
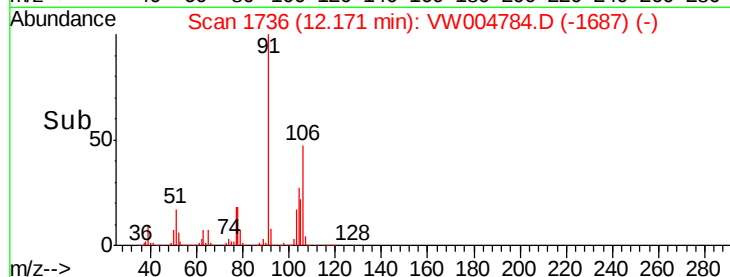
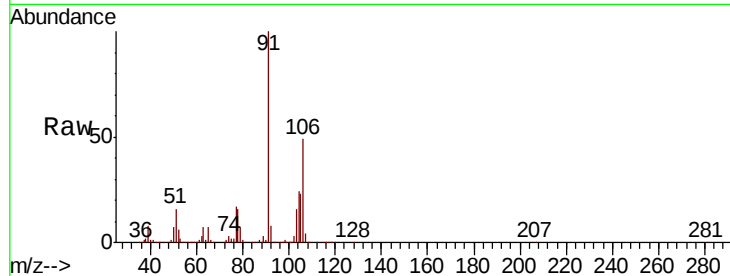
#69
o-Xylene
Concen: 55.89 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	107.3	321.8

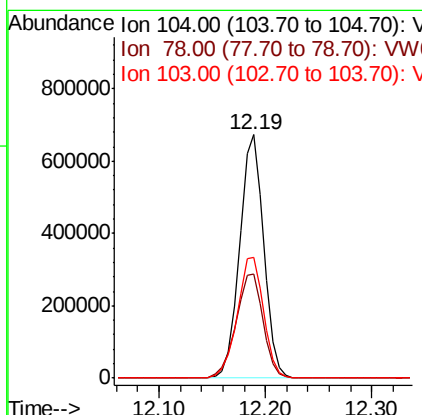
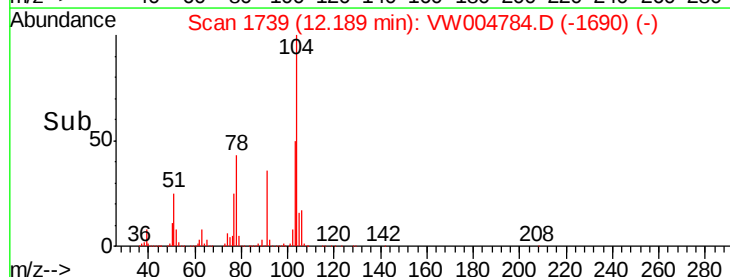
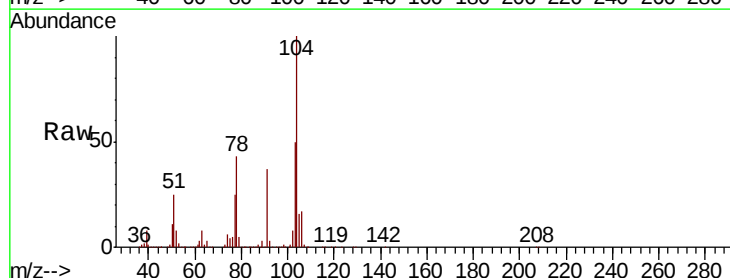
Manual Integrations
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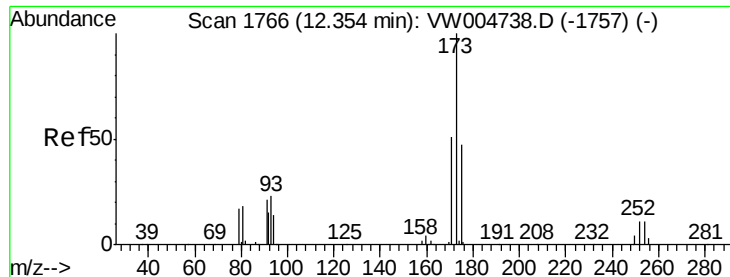
apatel
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#70
Styrene
Concen: 55.53 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.4	57.6
103	54.5	44.1	66.1





#71

Bromoform

Concen: 51.02 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

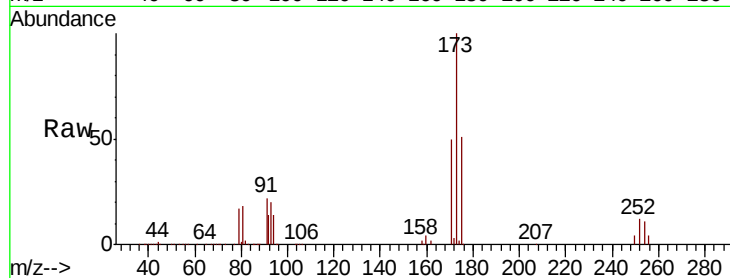
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.8	71.4
254	0.1	0.1	0.1

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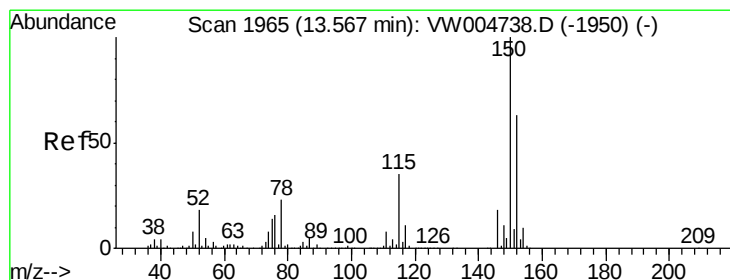
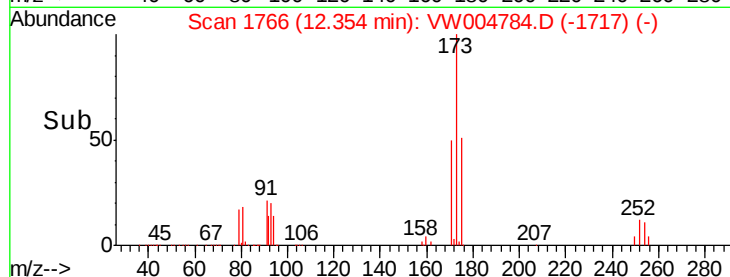
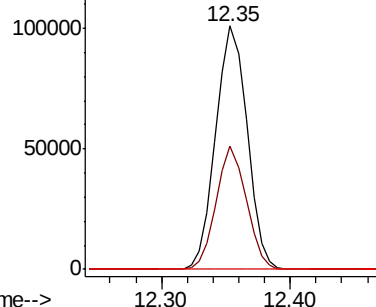


Abundance

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: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

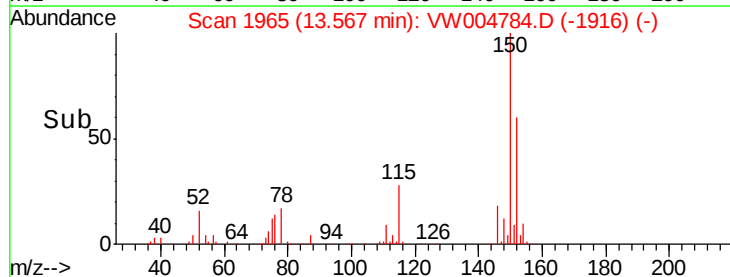
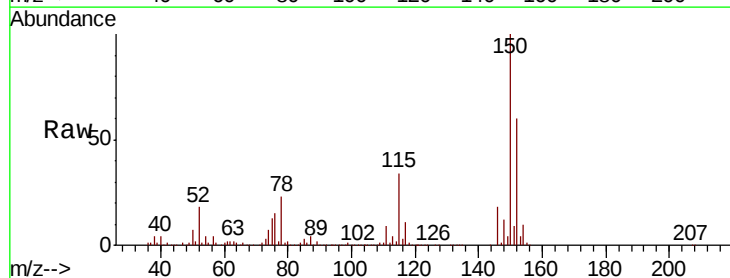
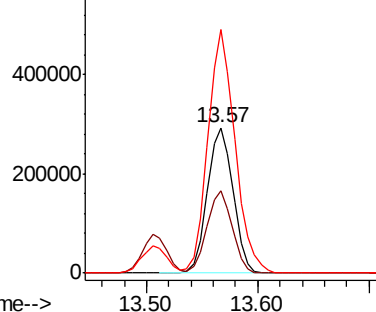
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.5	85.5
150	177.2	0.0	344.8

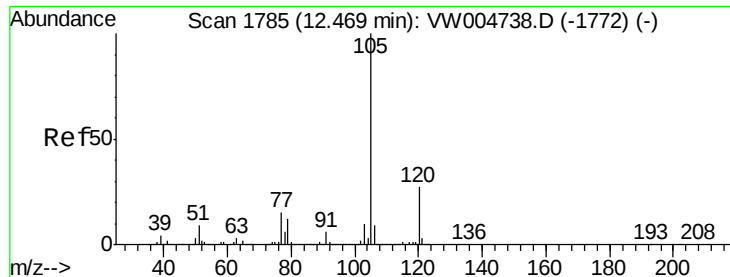
Abundance

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





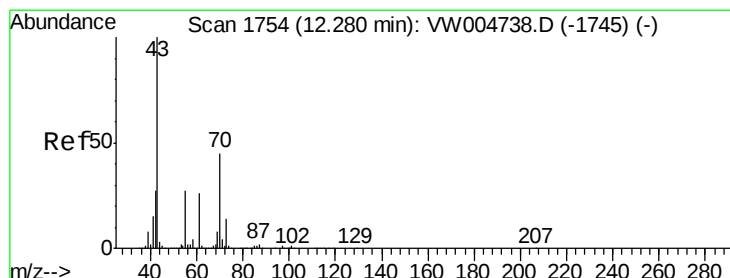
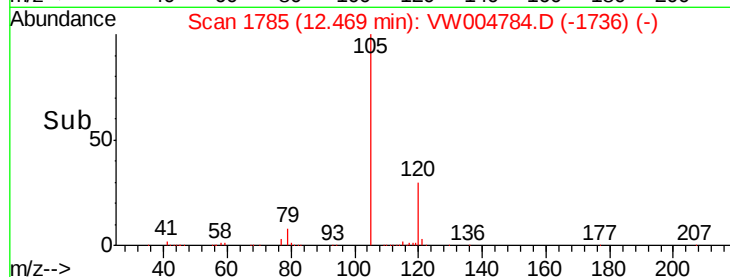
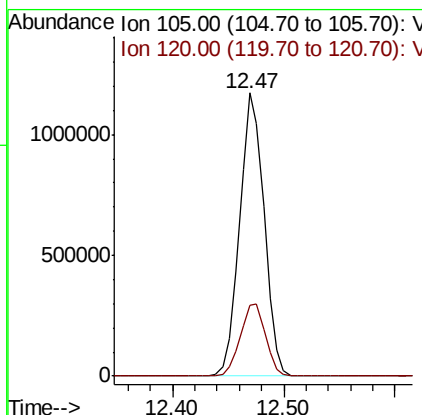
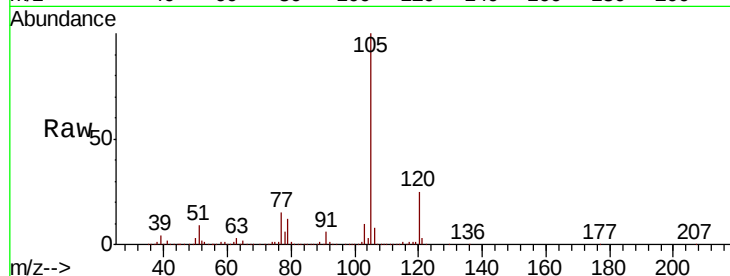
#73
Isopropylbenzene
Concen: 56.23 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 105 Resp: 1783415
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

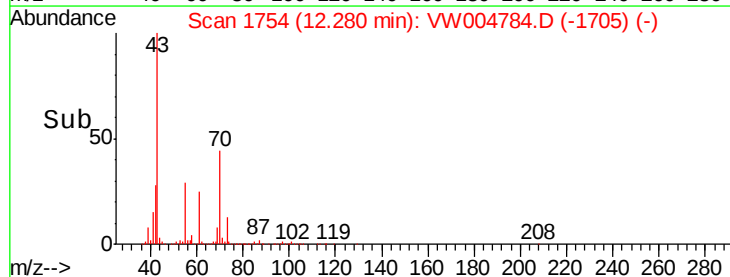
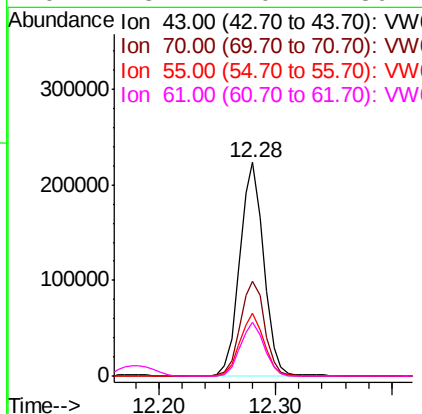
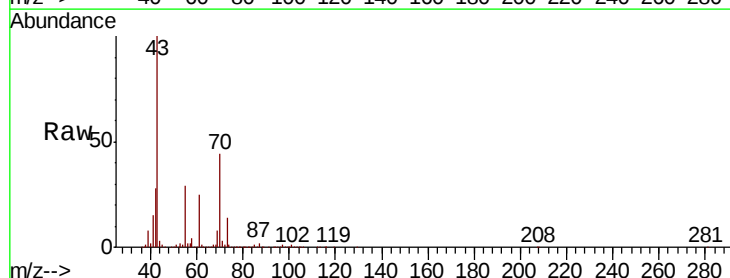
Manual Integrations
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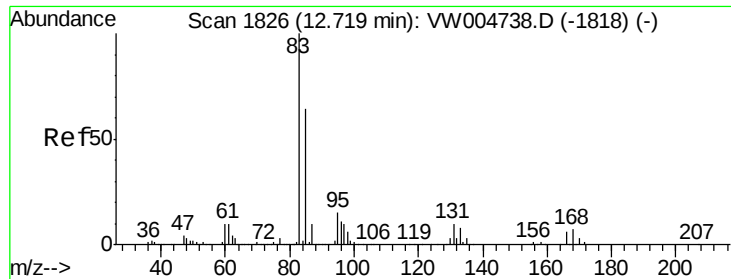
apatel
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#74
N-ethyl acetate
Concen: 43.79 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion: 43 Resp: 321235
Ion Ratio Lower Upper
43 100
70 45.4 36.3 54.5
55 29.3 22.6 33.8
61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.03 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

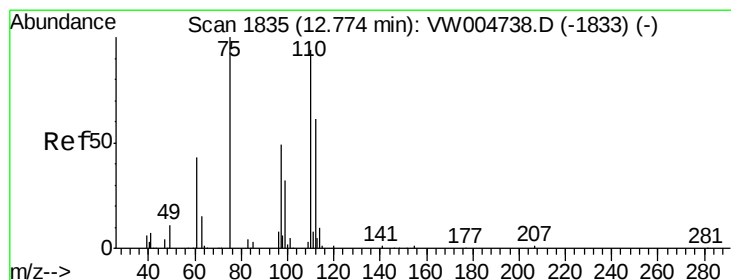
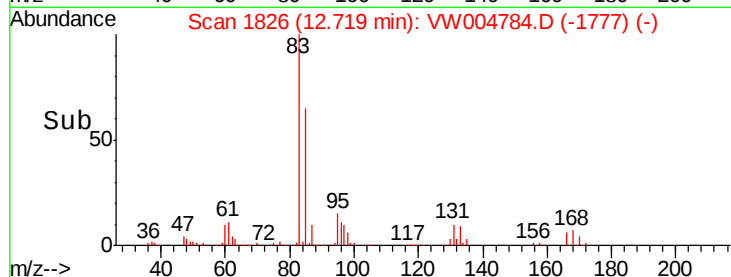
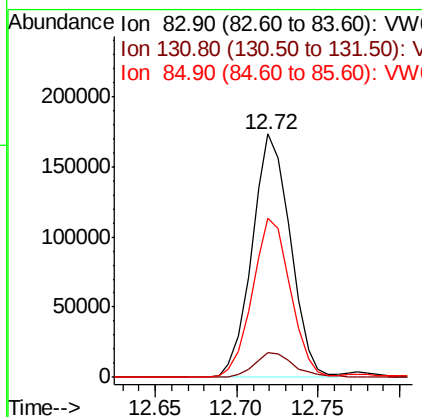
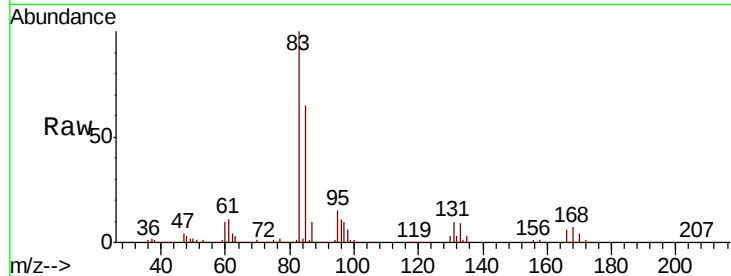
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	282184
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	15.8
85	64.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.19 ug/l m

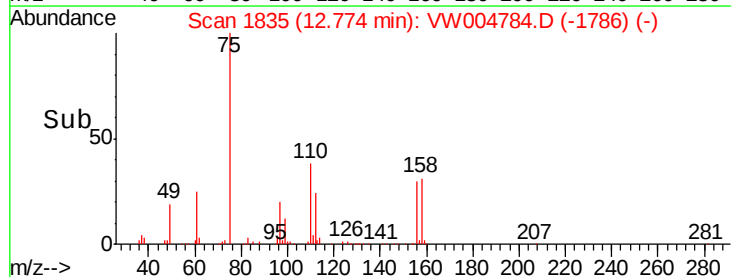
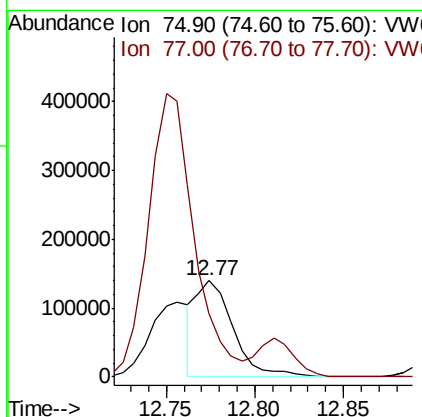
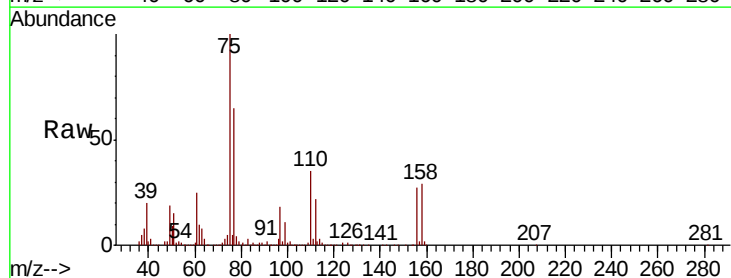
RT: 12.77 min Scan# 1835

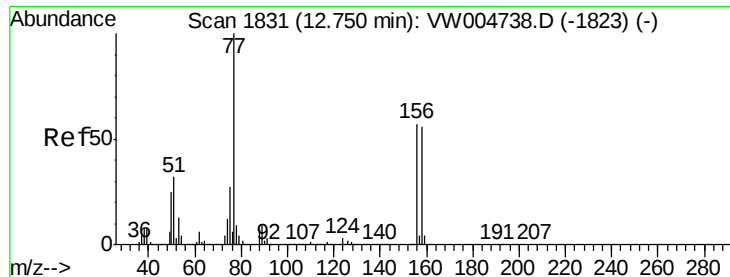
Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tgt Ion:	75	Resp:	202181
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





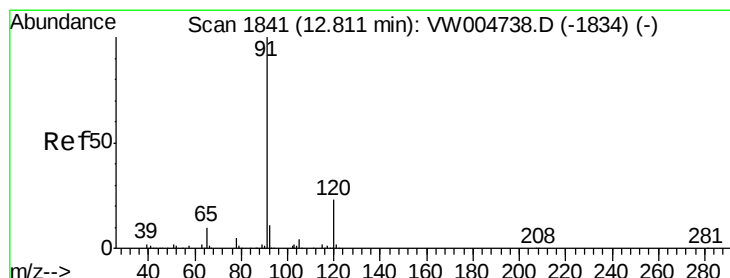
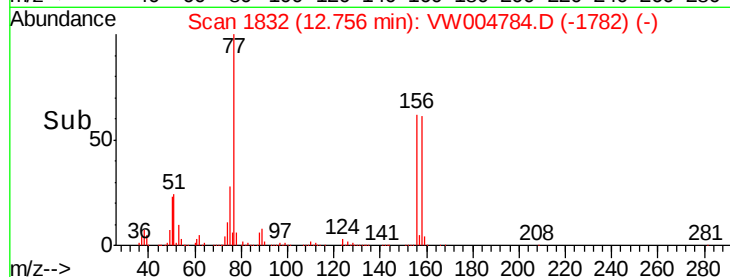
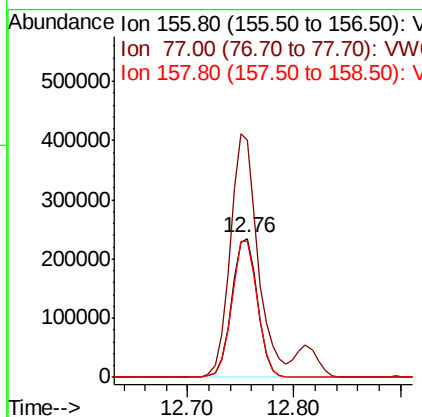
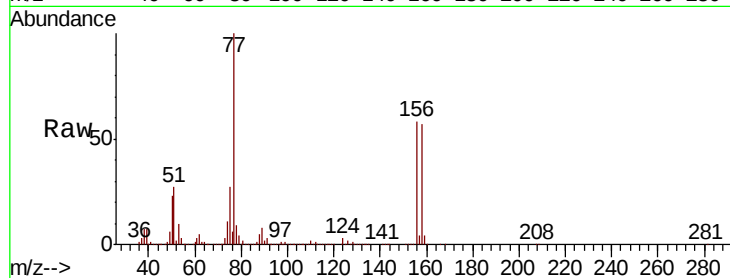
#77
Bromobenzene
Concen: 51.75 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.2	94.2	282.4
158	98.3	48.6	145.9

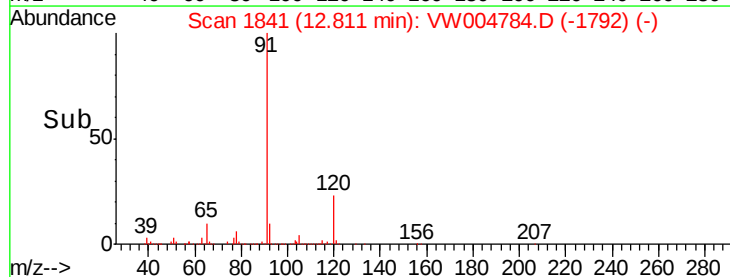
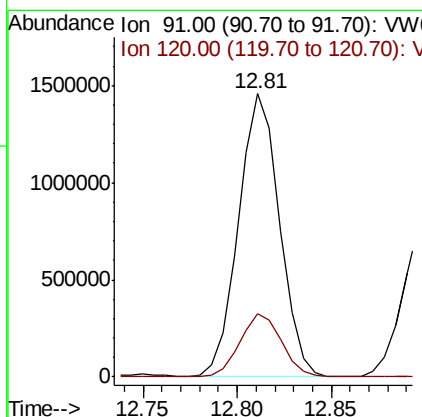
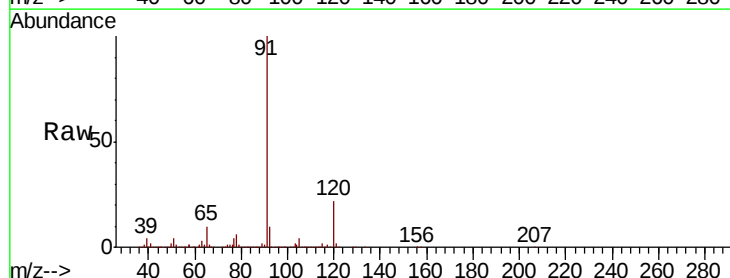
Manual Integrations
APPROVED

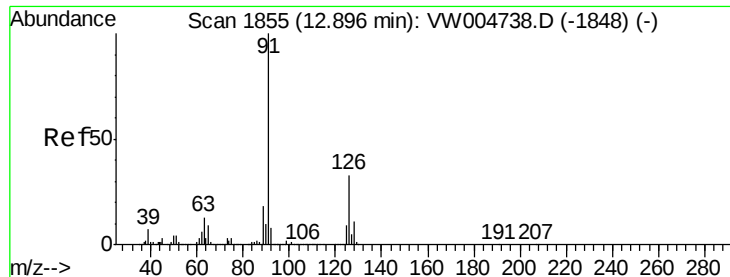
apatel
8/21/2018 11:18:52 AM



#78
n-propylbenzene
Concen: 56.77 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.2





#79

2-Chlorotoluene

Concen: 55.00 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1227067

Ion Ratio Lower Upper

91 100

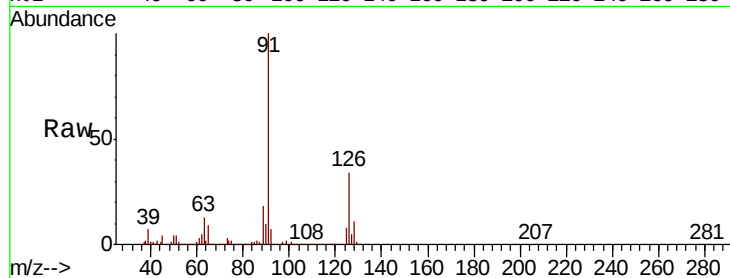
126 33.6 17.0 51.0

Manual Integrations

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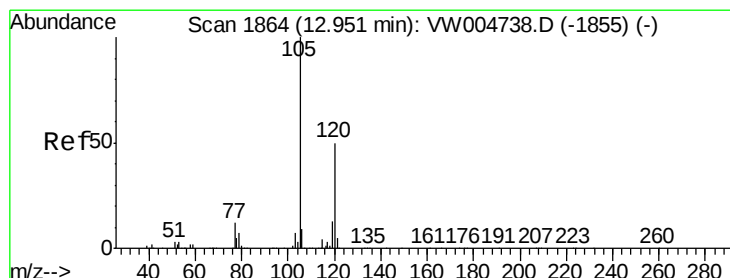
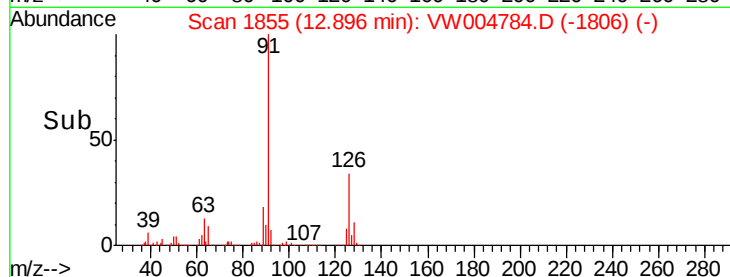
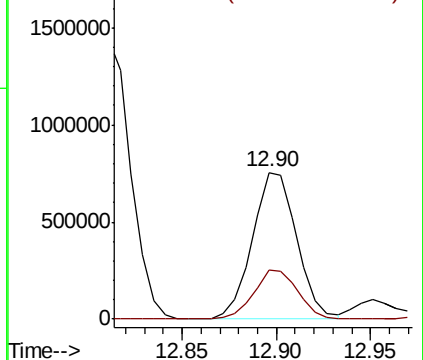
apatel

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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: 54.54 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004784.D

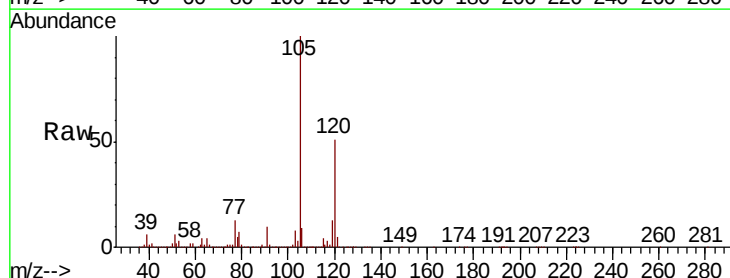
Acq: 20 Aug 2018 11:57

Tgt Ion:105 Resp: 1469645

Ion Ratio Lower Upper

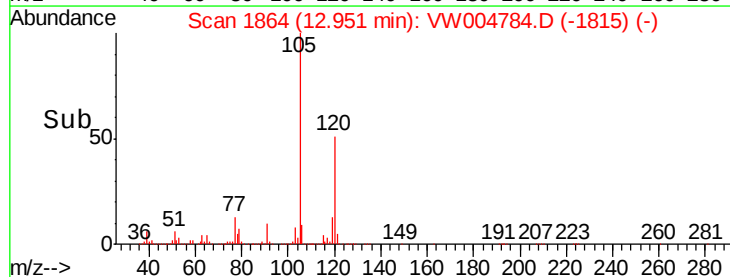
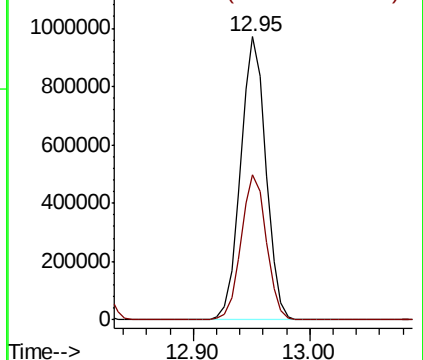
105 100

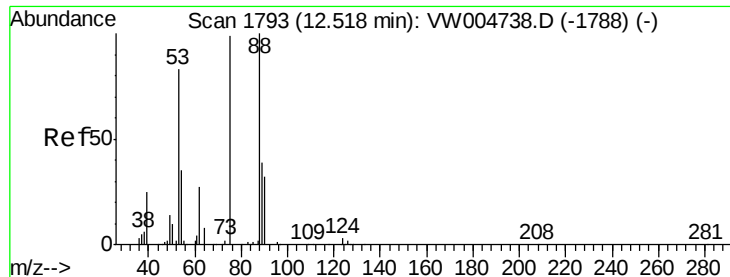
120 51.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





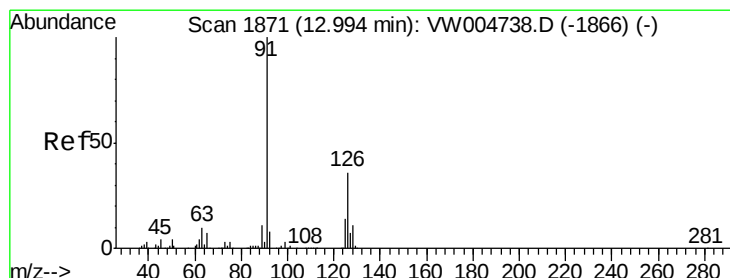
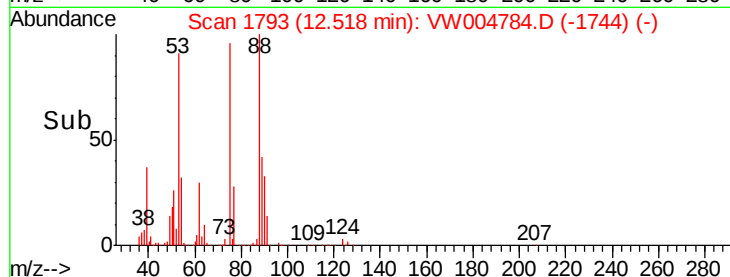
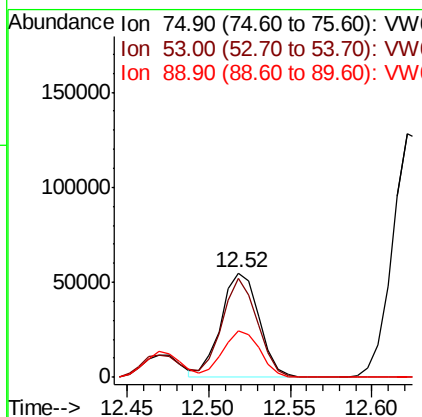
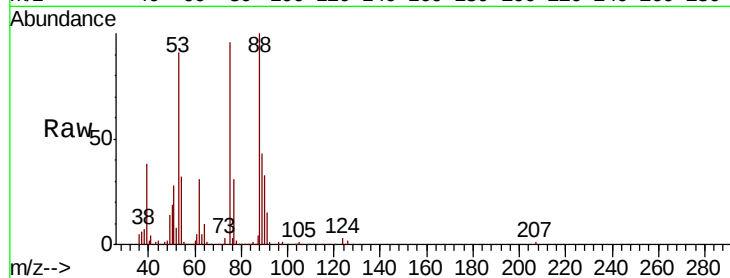
#81
trans-1,4-Dichloro-2-butene
Concen: 49.93 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.4	72.2	108.4
89	44.0	35.2	52.8

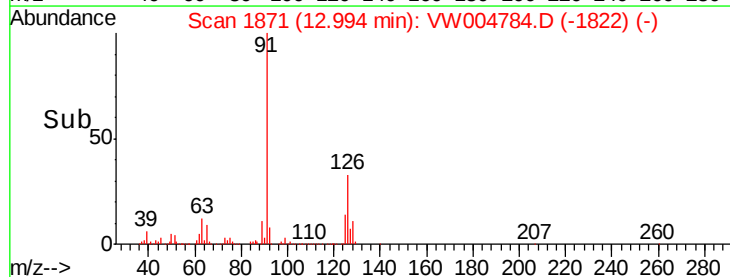
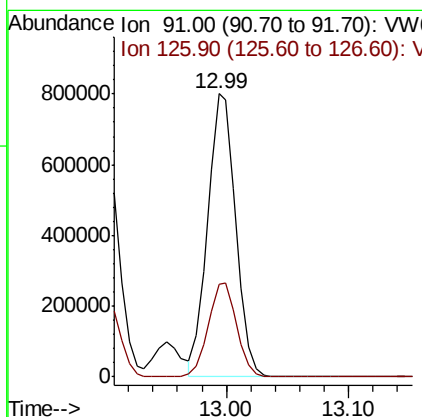
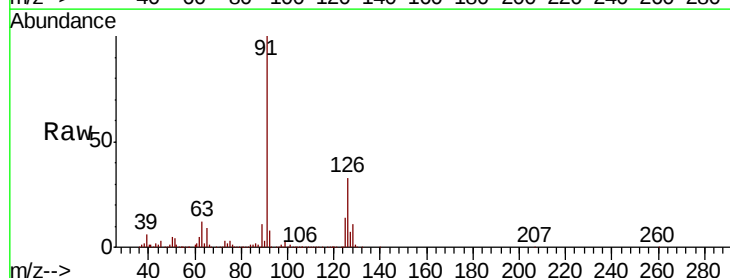
Manual Integrations
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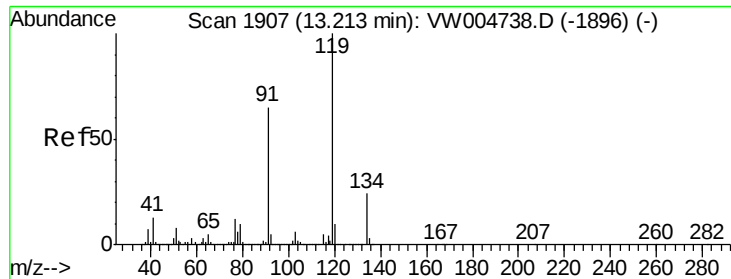
apatel
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#82
4-Chlorotoluene
Concen: 53.77 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.9	50.7





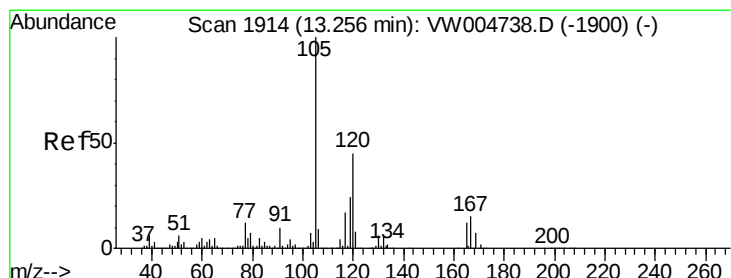
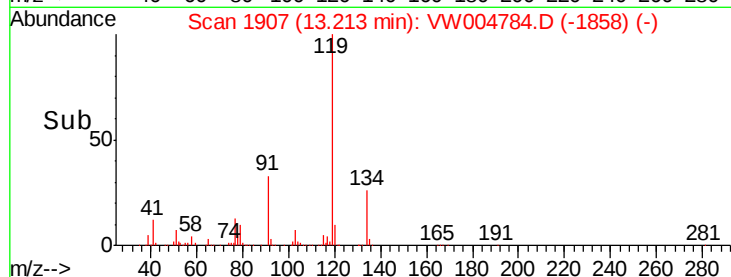
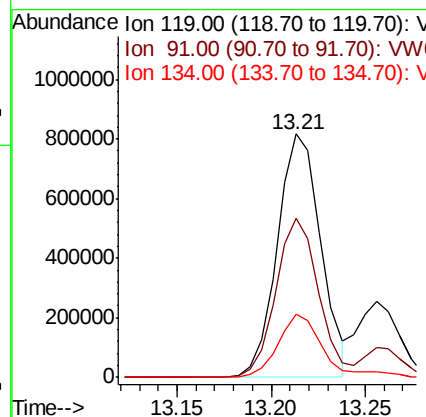
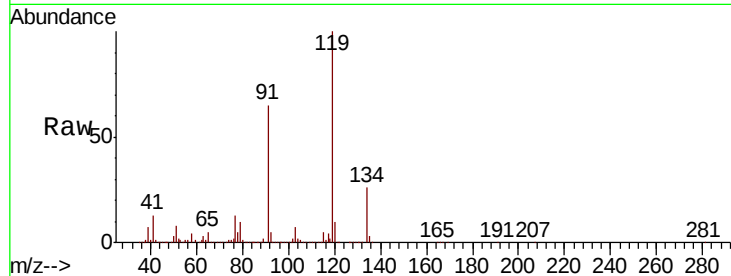
#83
 tert-Butylbenzene
 Concen: 56.78 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.6	97.8
134	26.8	13.1	39.3

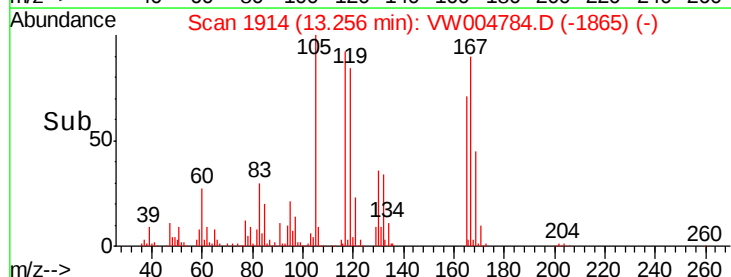
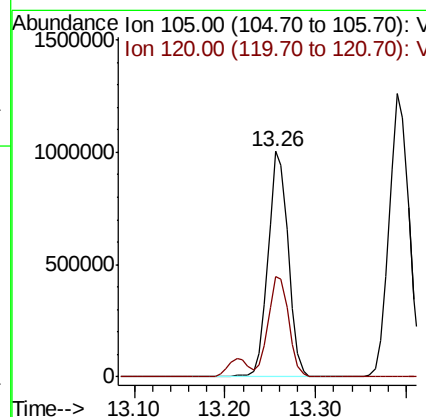
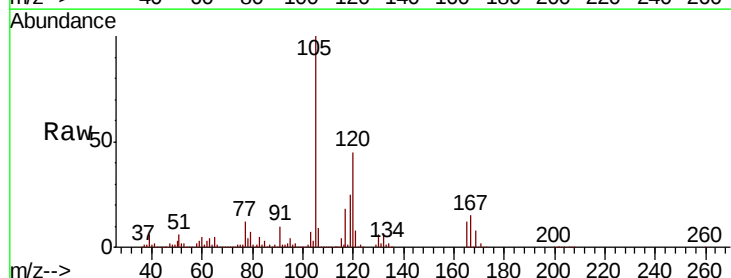
Manual Integrations
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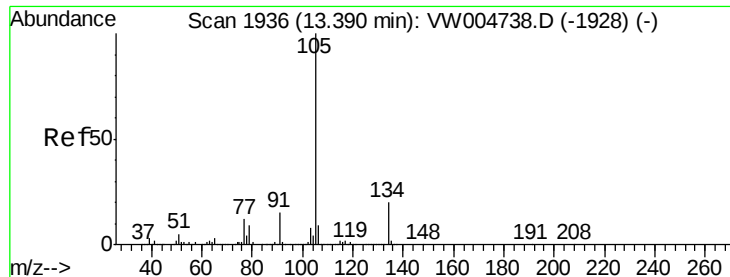
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.52 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.3





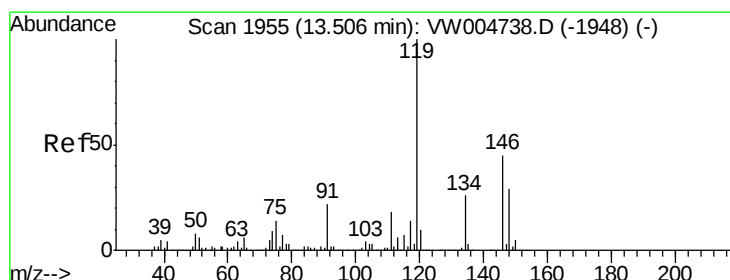
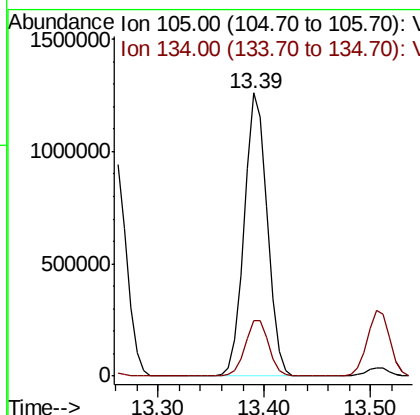
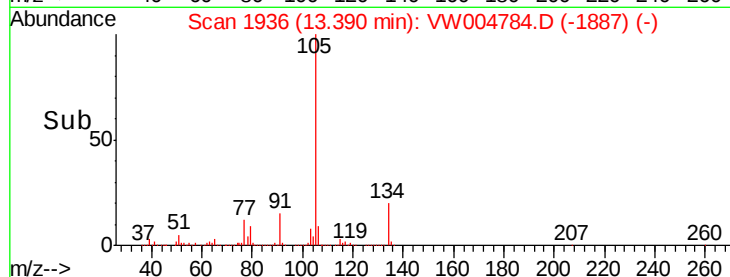
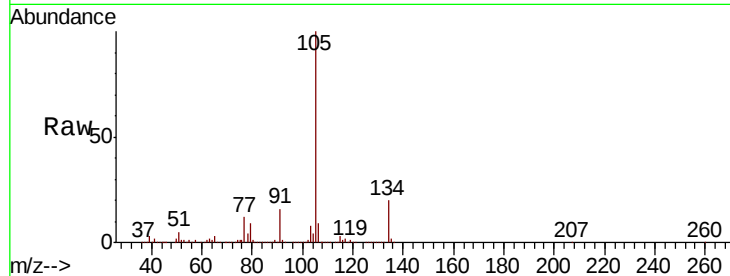
#85
 sec-Butylbenzene
 Concen: 55.62 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1914075
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8

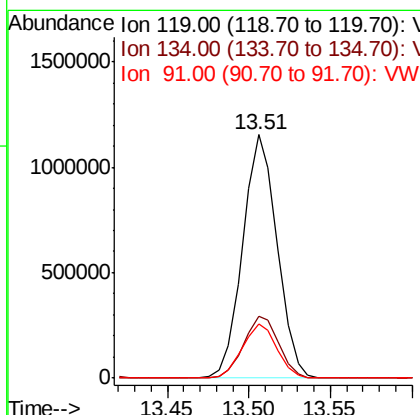
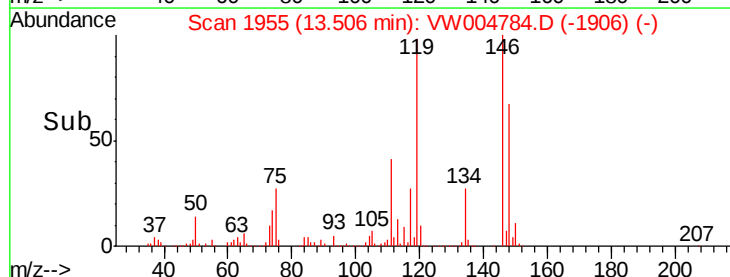
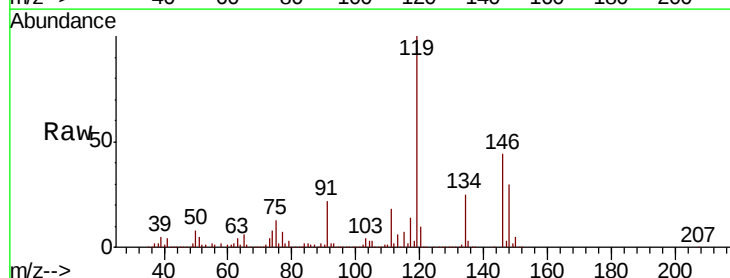
Manual Integrations
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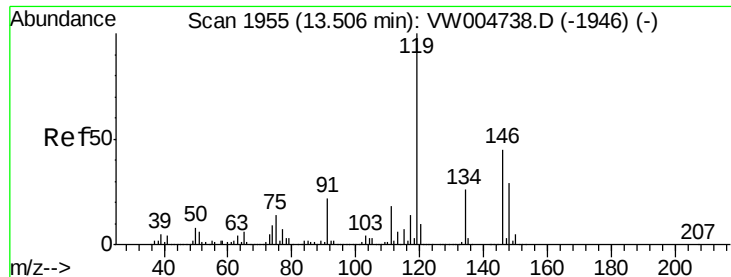
apatel
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#86
 p-Isopropyltoluene
 Concen: 56.58 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion:119 Resp: 1694104
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 22.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 52.41 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Instrument :

MSVOA_W

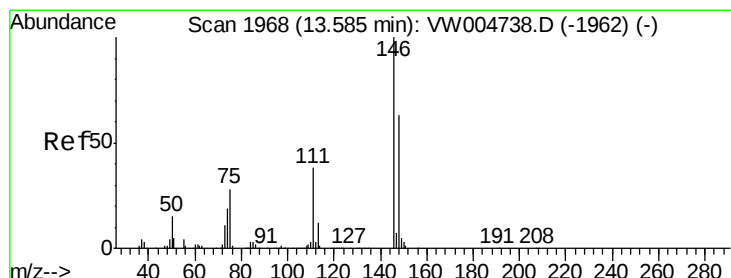
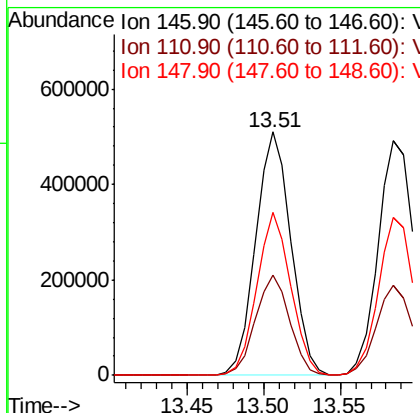
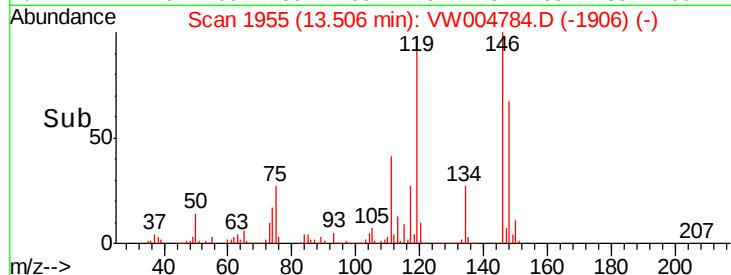
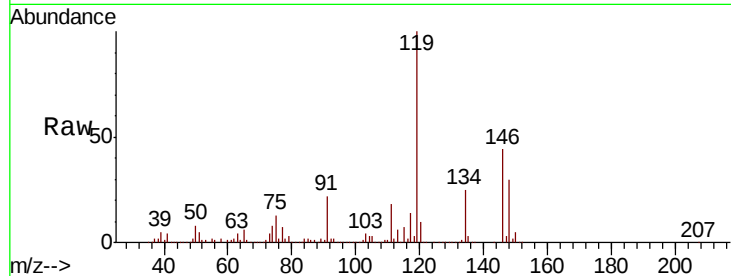
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.4
148	64.5	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.30 ug/l

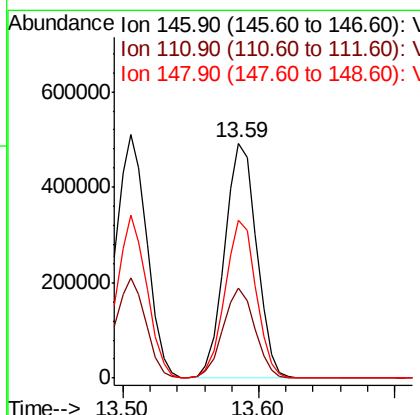
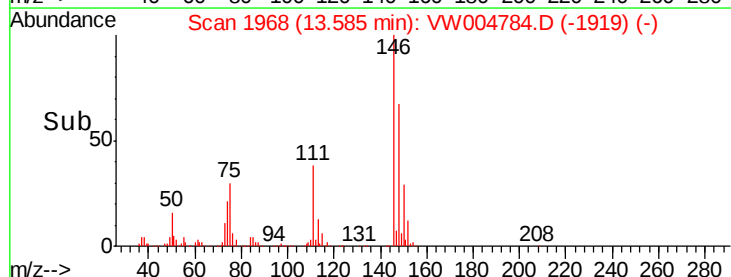
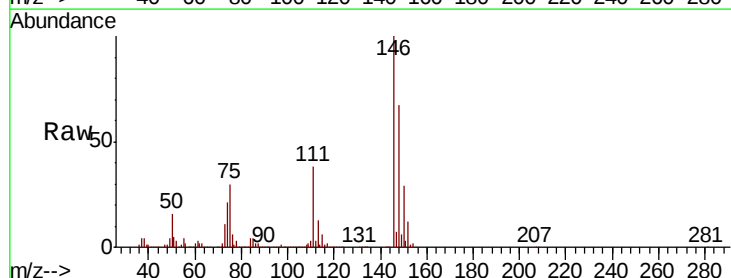
RT: 13.59 min Scan# 1968

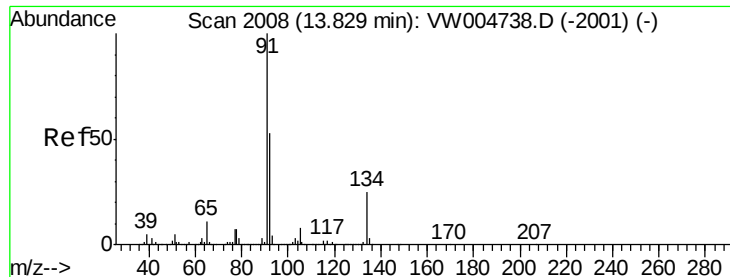
Delta R.T. 0.00 min

Lab File: VW004784.D

Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	65.4	31.8	95.3





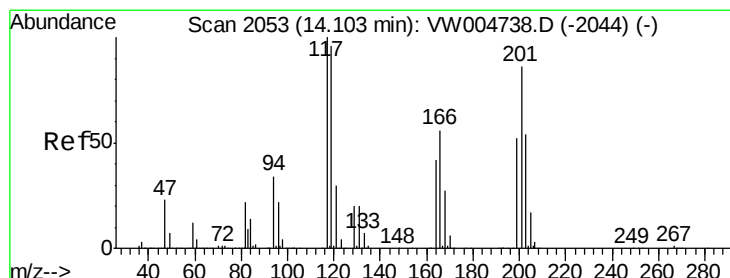
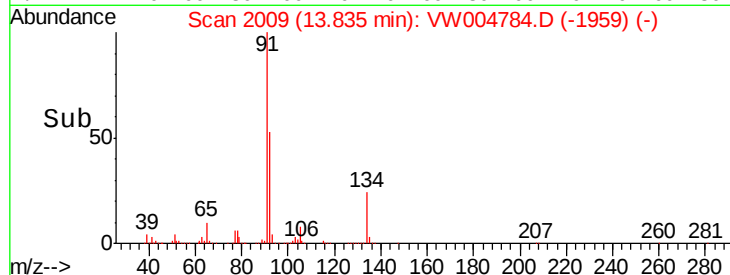
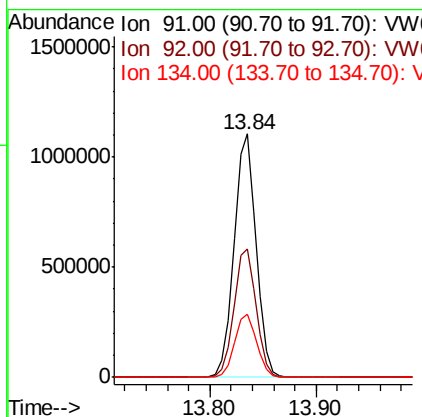
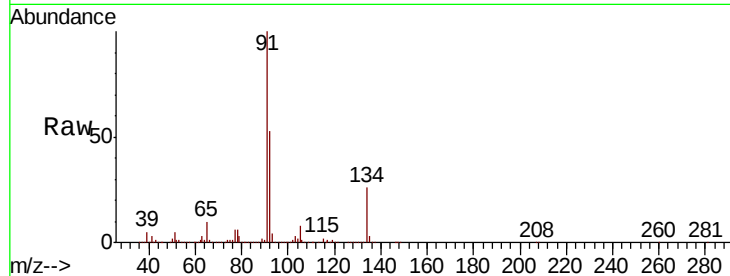
#89
n-Butylbenzene
Concen: 55.37 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	25.9	12.8	38.3

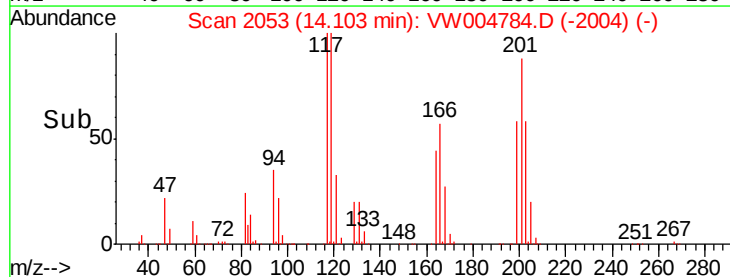
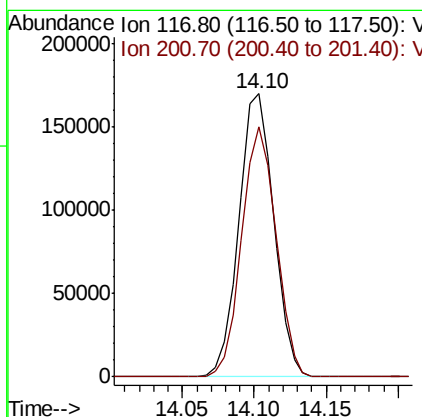
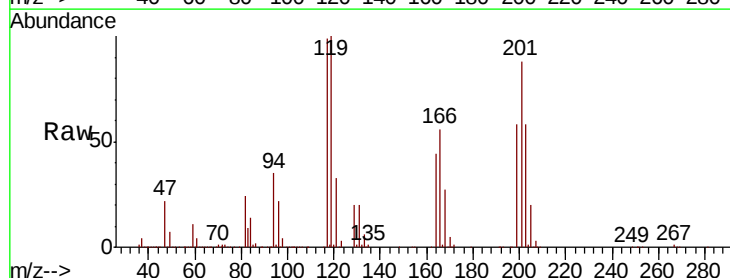
Manual Integrations
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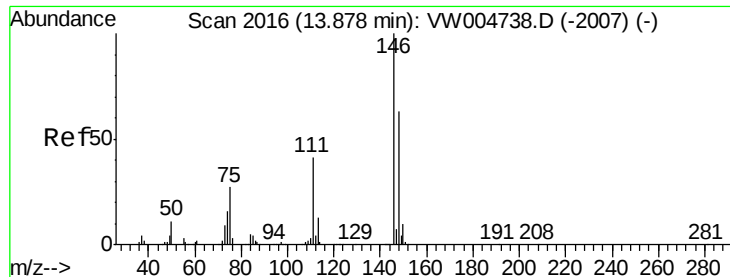
apatel
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#90
Hexachloroethane
Concen: 52.32 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	42.4	127.2





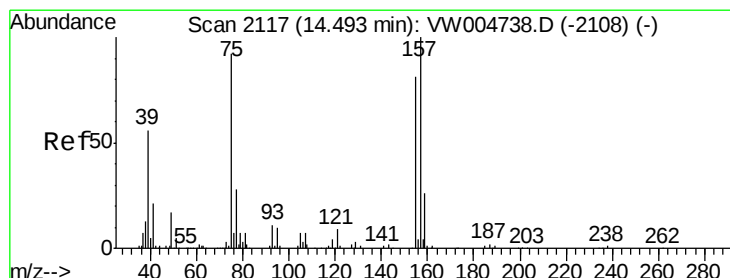
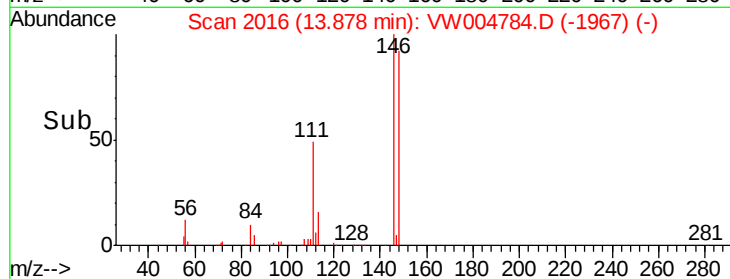
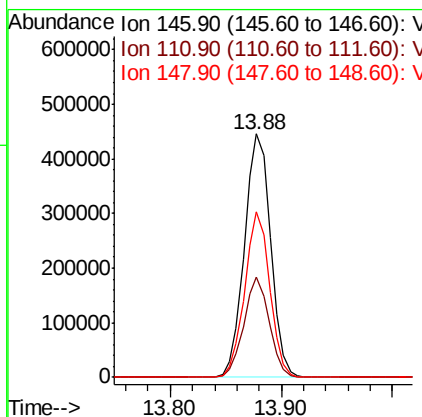
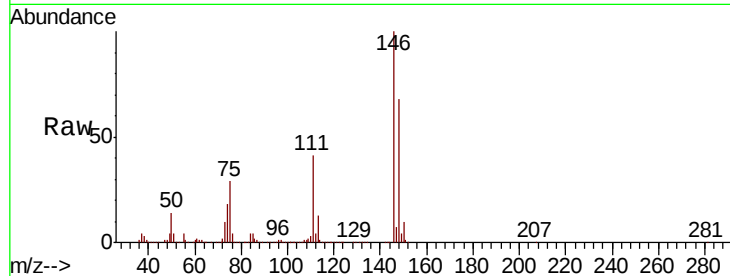
#91
 1,2-Dichlorobenzene
 Concen: 51.88 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.3
148	64.9	31.6	95.0

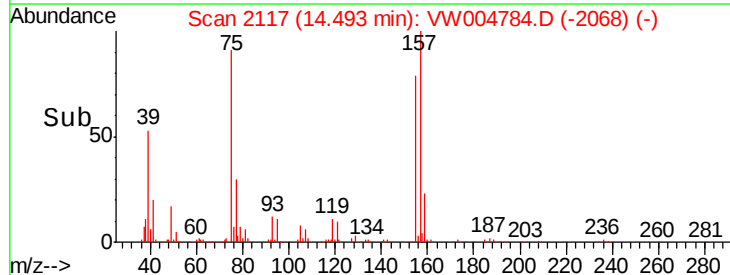
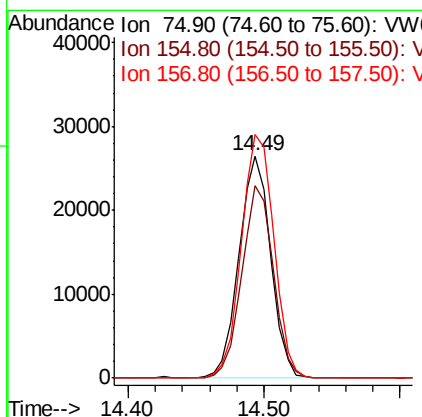
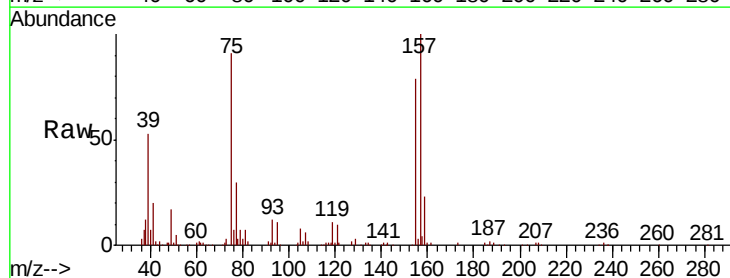
Manual Integrations
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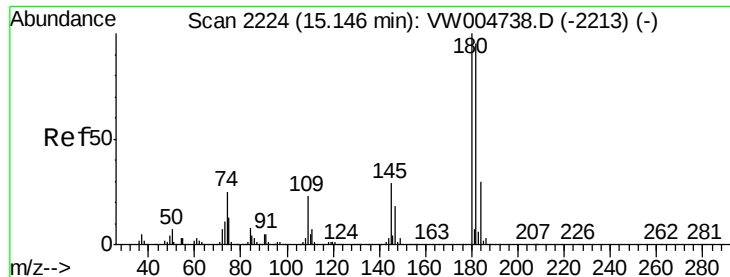
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.95 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	43.3	129.9
157	112.8	54.5	163.6





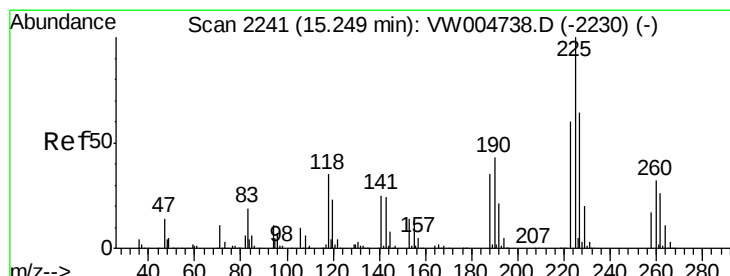
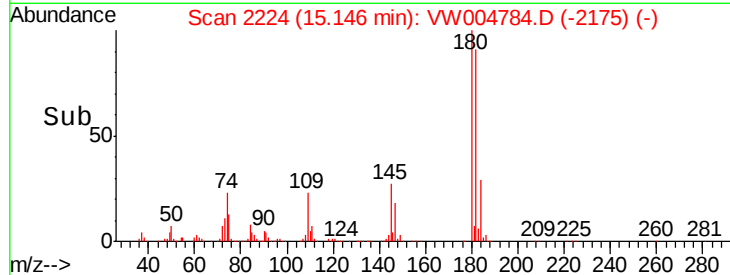
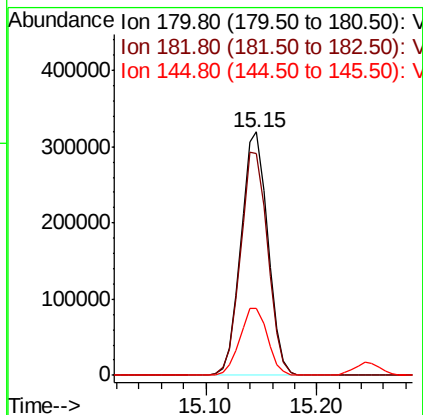
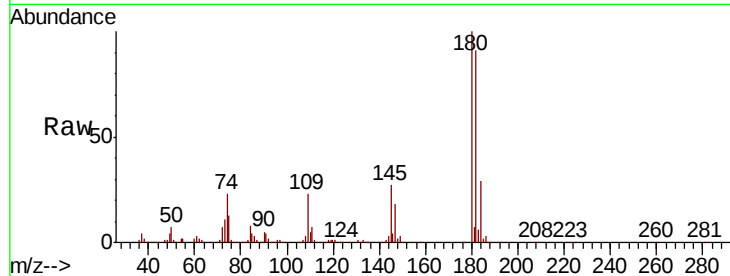
#93
 1,2,4-Trichlorobenzene
 Concen: 53.83 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	534005
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.3	141.8
145	28.4	14.6	43.8

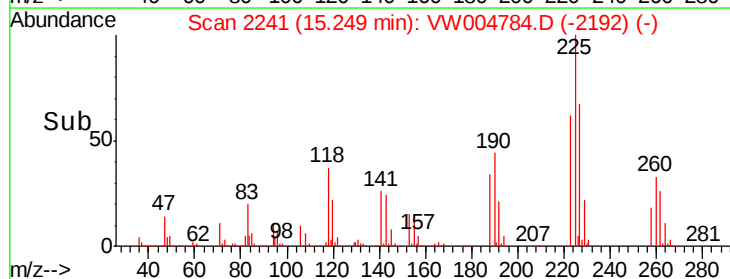
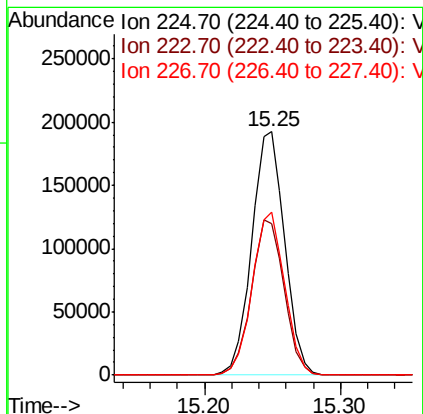
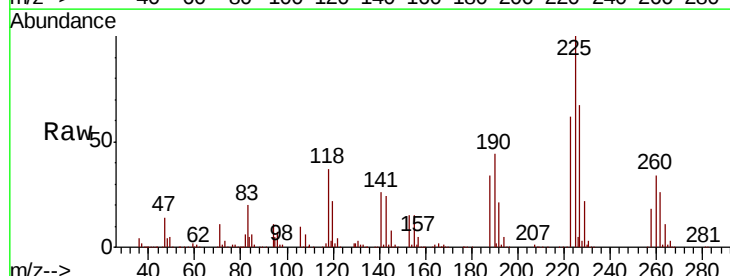
Manual Integrations
 APPROVED

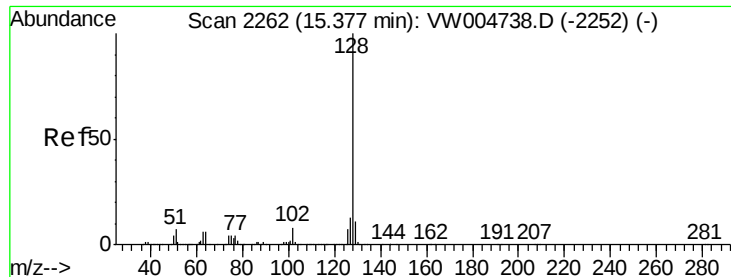
apatel
 8/21/2018 11:18:52 AM



#94
 Hexachlorobutadiene
 Concen: 53.62 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004784.D
 Acq: 20 Aug 2018 11:57

Tgt Ion:	225	Resp:	326524
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.9	92.5
227	66.2	32.0	96.0





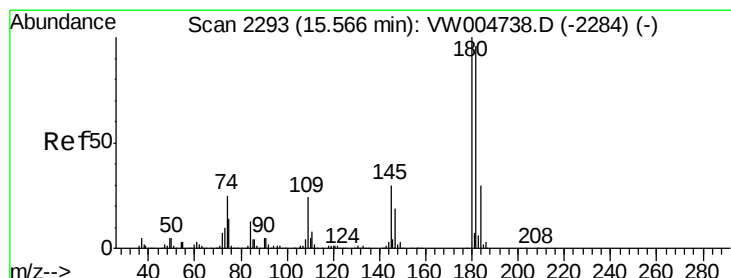
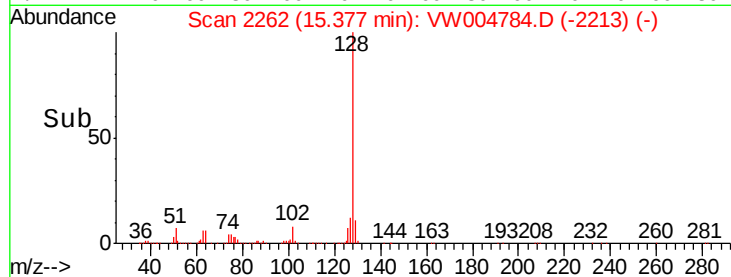
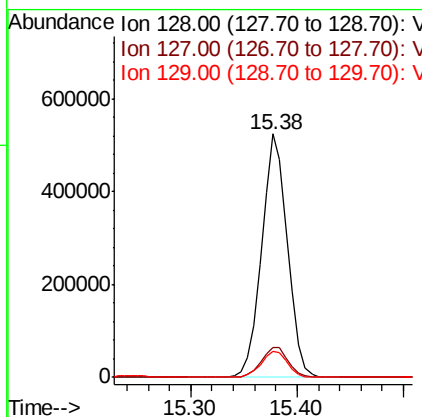
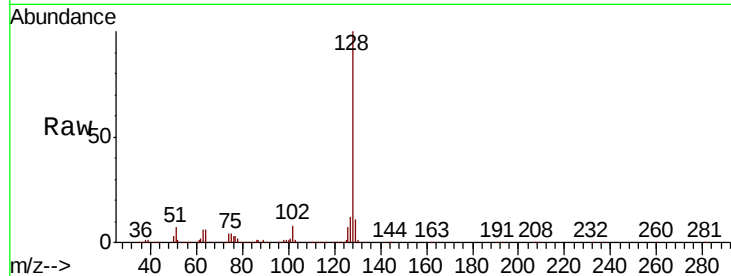
#95
Naphthalene
Concen: 46.30 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
8/21/2018 11:18:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.24 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004784.D
Acq: 20 Aug 2018 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	30.6	15.4	46.1

