

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003751.D
 Acq On : 07 Jul 2018 00:32
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:08 AM

Quant Time: Jul 07 04:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	196580	72.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.14%	
35) Dibromofluoromethane	7.88	113	172756	73.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.82%	
50) Toluene-d8	10.33	98	685098	74.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.72%	
62) 4-Bromofluorobenzene	12.62	95	247468	75.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	78452	72.53	ug/l	97
3) Chloromethane	2.21	50	129468	71.44	ug/l	95
4) Vinyl Chloride	2.36	62	177185	71.82	ug/l	99
5) Bromomethane	2.78	94	119870	73.02	ug/l	98
6) Chloroethane	2.92	64	113222	76.39	ug/l	100
7) Trichlorofluoromethane	3.25	101	76297	60.36	ug/l	98
8) Diethyl Ether	3.67	74	67582	57.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	149610	68.79	ug/l	99
10) Methyl Iodide	4.26	142	229092	71.85	ug/l	100
11) Tert butyl alcohol	5.23	59	54417	324.66	ug/l	99
12) 1,1-Dichloroethene	4.03	96	150346	69.59	ug/l	95
13) Acrolein	3.89	56	68679	630.73	ug/l	99
14) Allyl chloride	4.65	41	268141	72.49	ug/l	100
15) Acrylonitrile	5.38	53	195453	342.98	ug/l	98
16) Acetone	4.14	43	176775	279.18	ug/l	100
17) Carbon Disulfide	4.37	76	473796	73.02	ug/l	99
18) Methyl Acetate	4.67	43	95557	60.78	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	311586	72.70	ug/l	99
20) Methylene Chloride	4.91	84	170645	58.20	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	170514	71.64	ug/l	99
22) Diisopropyl ether	6.31	45	571873	74.51	ug/l	98
23) Vinyl Acetate	6.26	43	1772938	379.06	ug/l	100
24) 1,1-Dichloroethane	6.21	63	325048	71.27	ug/l	99
25) 2-Butanone	7.18	43	272683	328.47	ug/l	98
26) 2,2-Dichloropropane	7.17	77	171797	62.55	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	187212	71.99	ug/l	99
28) Bromochloromethane	7.51	49	141878	71.20	ug/l	100
29) Tetrahydrofuran	7.54	42	178190	354.04	ug/l	100
30) Chloroform	7.68	83	329133	71.25	ug/l	100
31) Cyclohexane	7.95	56	281934	68.34	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	252899	70.57	ug/l	99
36) 1,1-Dichloropropene	8.08	75	261309	72.71	ug/l	100
37) Ethyl Acetate	7.26	43	123349	69.92	ug/l	100
38) Carbon Tetrachloride	8.07	117	243843	71.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	298733	72.61	ug/l	100
40) Benzene	8.32	78	737186	72.74	ug/l	98
41) Methacrylonitrile	7.49	41	78746	78.24	ug/l	93
42) 1,2-Dichloroethane	8.40	62	231092	71.94	ug/l	100
43) Isopropyl Acetate	8.43	43	239205	71.69	ug/l	99
44) Trichloroethene	9.09	130	184263	70.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	191951	72.84	ug/l	100
46) Dibromomethane	9.46	93	99257	72.19	ug/l	99
47) Bromodichloromethane	9.65	83	248445	73.41	ug/l	100
48) Methyl methacrylate	9.44	41	116191	73.24	ug/l	98
49) 1,4-Dioxane	9.48	88	31811	1485.08	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	636993	361.17	ug/l	99
52) Toluene	10.39	92	468239	74.15	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	256094	73.15	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	290697	73.45	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	136617	70.67	ug/l	97
56) Ethyl methacrylate	10.65	69	189231	77.72	ug/l	96
57) 1,3-Dichloropropane	10.94	76	243512	72.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	466346	431.12	ug/l	99
59) 2-Hexanone	10.98	43	445951	355.26	ug/l	100
60) Dibromochloromethane	11.13	129	165651	73.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	132763	71.48	ug/l	100
64) Tetrachloroethene	10.87	164	173171	74.88	ug/l	97
65) Chlorobenzene	11.66	112	508813	71.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	180769	72.66	ug/l	99
67) Ethyl Benzene	11.74	91	918826	73.83	ug/l	99
68) m/p-Xylenes	11.85	106	700515	147.71	ug/l	99
69) o-Xylene	12.17	106	329154	74.94	ug/l	99
70) Styrene	12.19	104	562668	76.22	ug/l	99
71) Bromoform	12.35	173	100915	72.41	ug/l #	100
73) Isopropylbenzene	12.47	105	898104	75.08	ug/l	100
74) N-amyl acetate	12.28	43	239856	75.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	166406	70.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	114832m	72.31	ug/l	
77) Bromobenzene	12.76	156	210066	73.09	ug/l	98
78) n-propylbenzene	12.81	91	1107035	74.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	629554	74.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	762765	75.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	51948	69.62	ug/l	97
82) 4-Chlorotoluene	12.99	91	655919	73.13	ug/l	99
83) tert-Butylbenzene	13.21	119	638933	74.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	787860	75.47	ug/l	99
85) sec-Butylbenzene	13.39	105	948617	74.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	836322	75.27	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	421614	72.12	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	416641	71.29	ug/l	100
89) n-Butylbenzene	13.84	91	817138	74.55	ug/l	100
90) Hexachloroethane	14.10	117	152631	73.85	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	379007	72.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29009	70.12	ug/l	99

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ClientSampleId :
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QLast Update : Sat Jul 07 03:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	260703	70.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	144722	68.54	ug/l	99
95) Naphthalene	15.38	128	492389	73.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	228543	69.42	ug/l	99

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

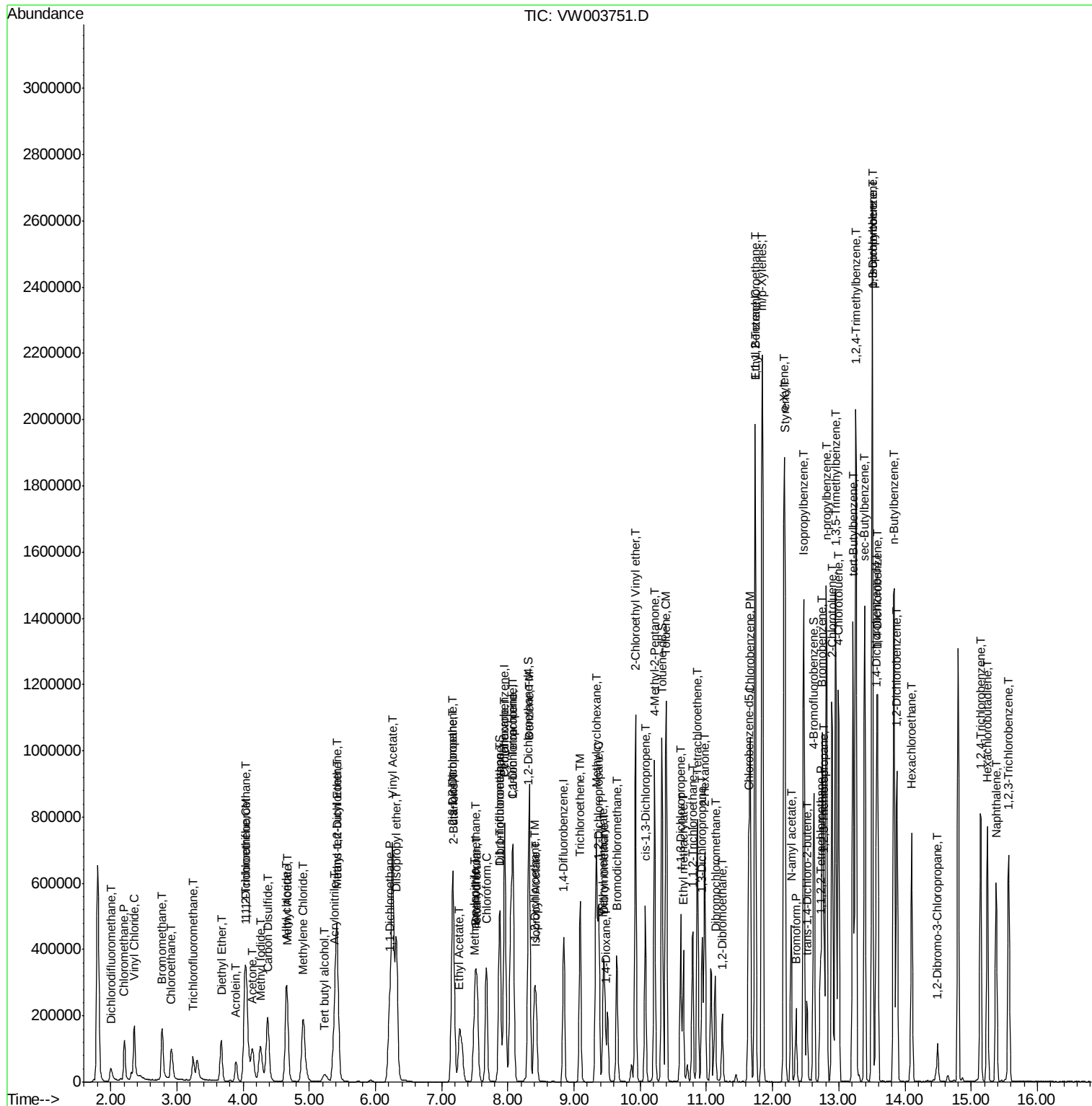
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
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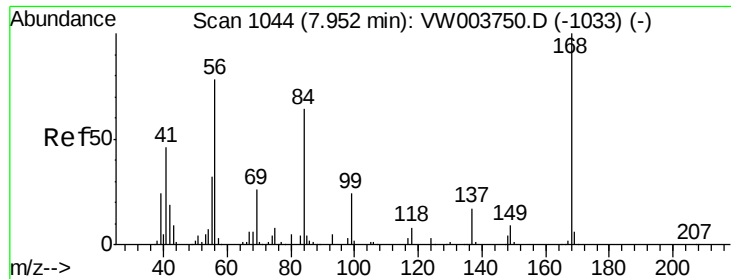
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDIC075

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:168 Resp: 225166

Ion Ratio Lower Upper

168 100

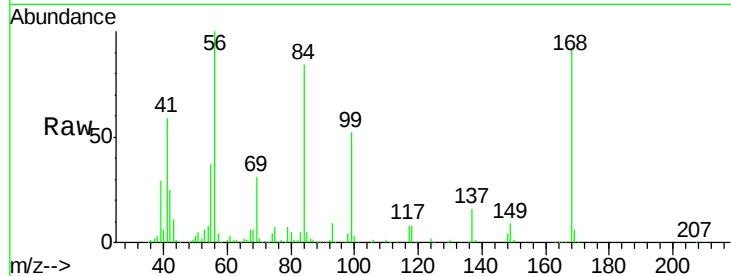
99 56.0 45.0 67.6

Manual Integrations

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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

100000

80000

60000

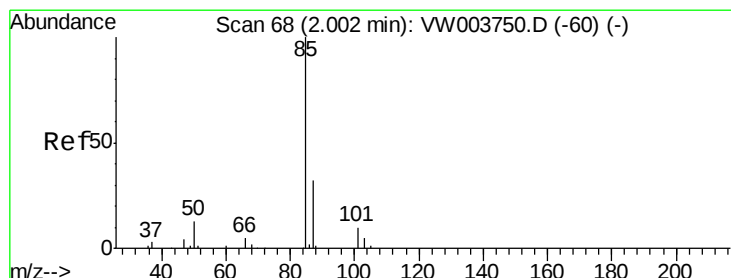
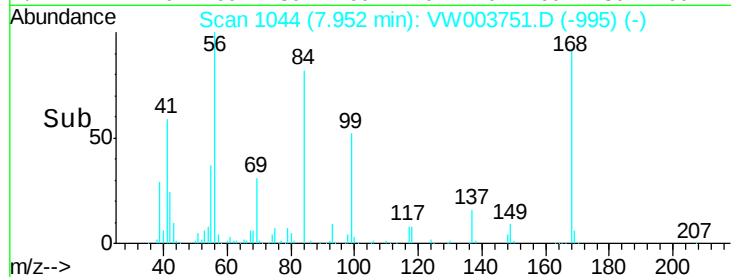
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 72.53 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003751.D

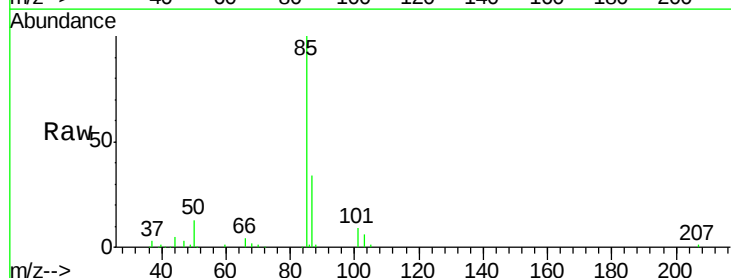
Acq: 07 Jul 2018 00:32

Tgt Ion: 85 Resp: 78452

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

15000

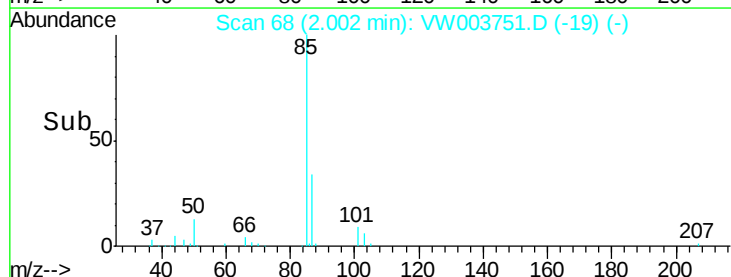
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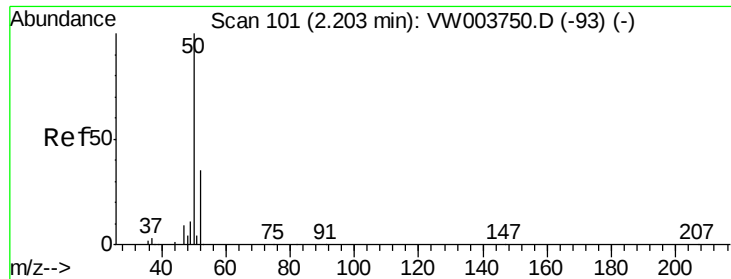
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 71.44 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 50 Resp: 129468

Ion Ratio Lower Upper

50 100

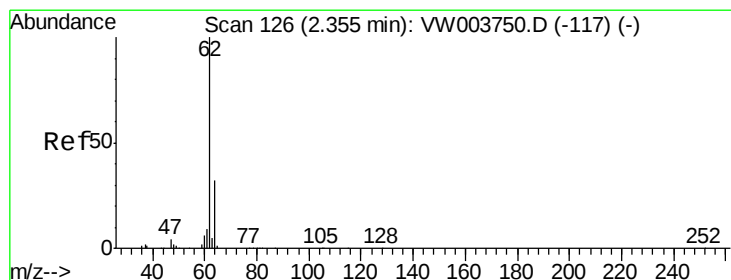
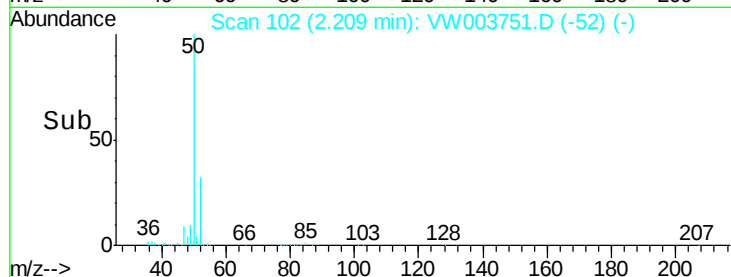
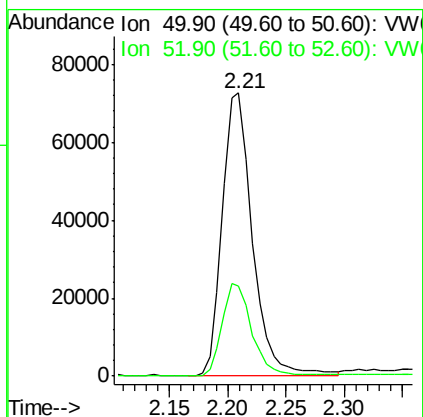
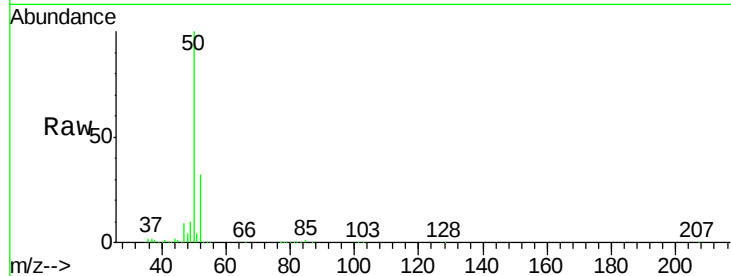
52 32.1 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 71.82 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003751.D

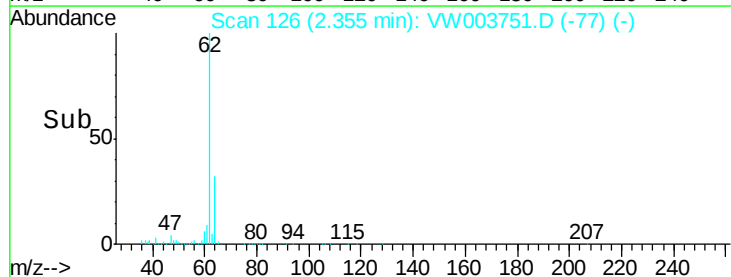
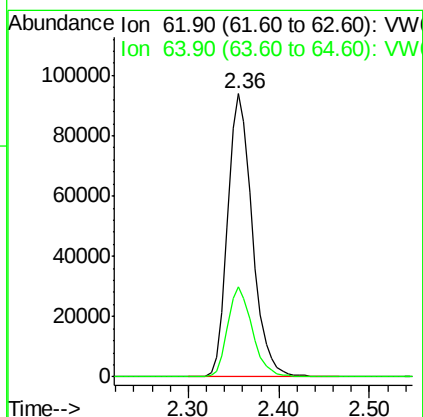
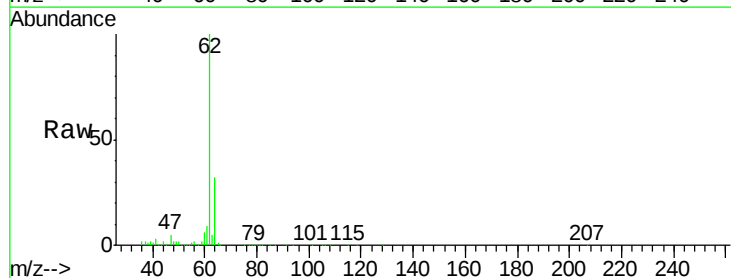
Acq: 07 Jul 2018 00:32

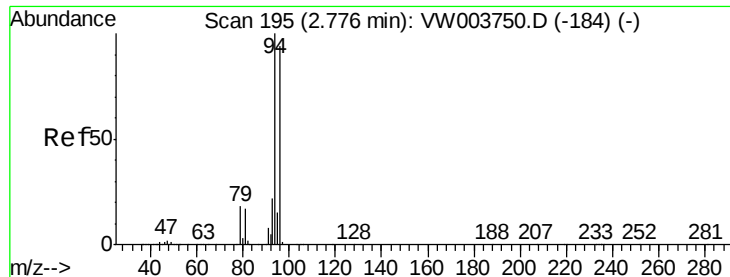
Tgt Ion: 62 Resp: 177185

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 73.02 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 119870

Ion Ratio Lower Upper

94 100

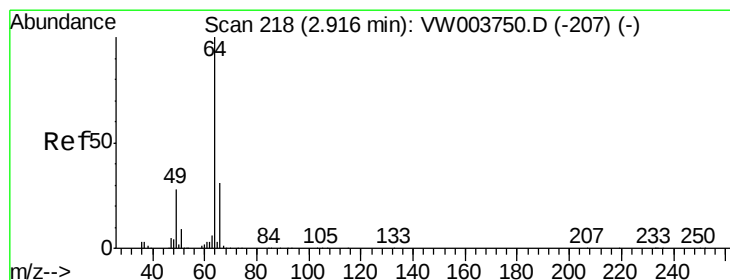
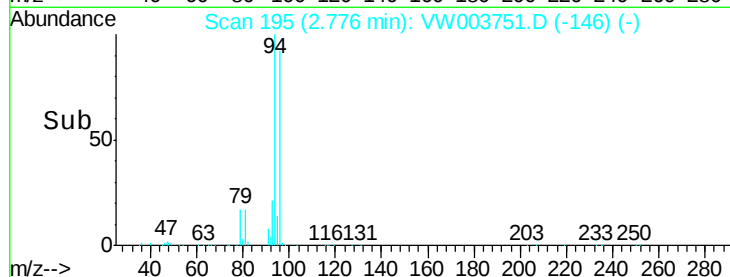
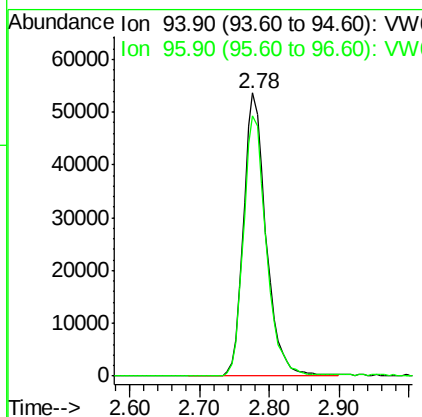
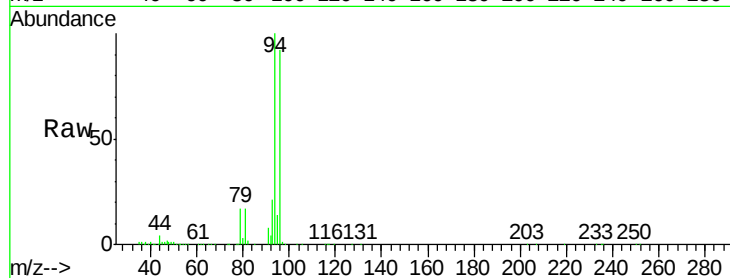
96 91.7 74.8 112.2

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#6

Chloroethane

Concen: 76.39 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003751.D

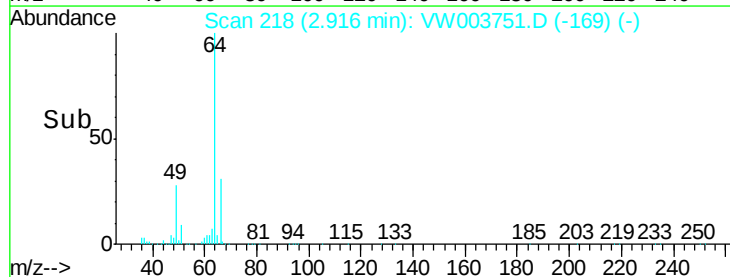
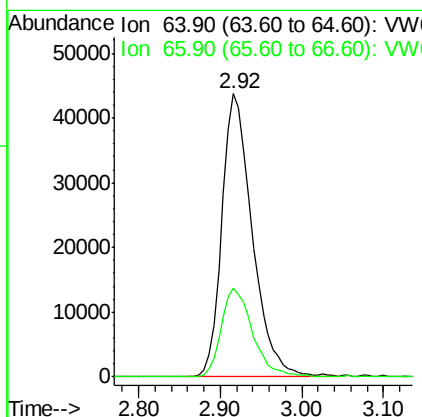
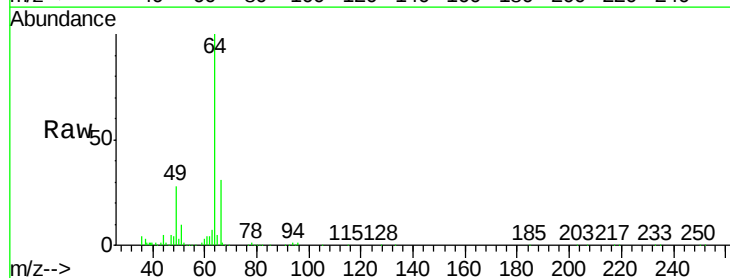
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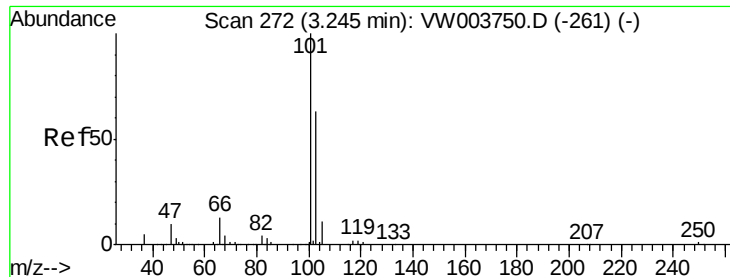
Tgt Ion: 64 Resp: 113222

Ion Ratio Lower Upper

64 100

66 31.1 25.1 37.7





#7

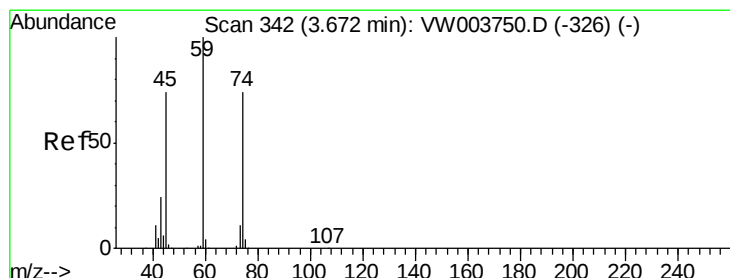
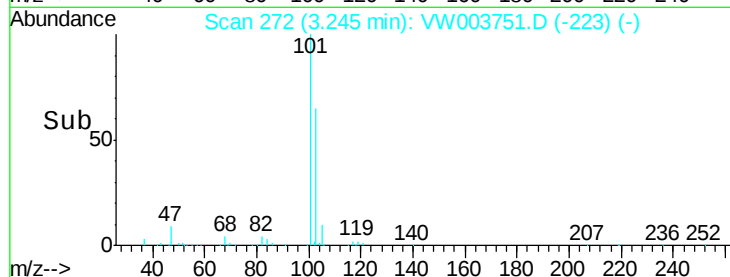
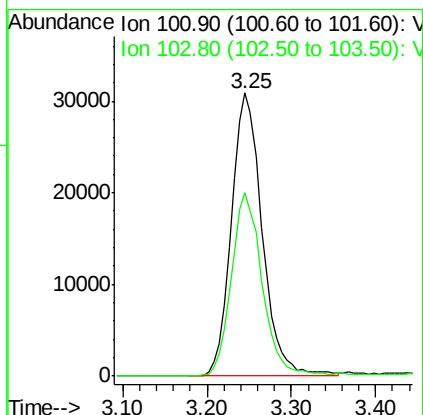
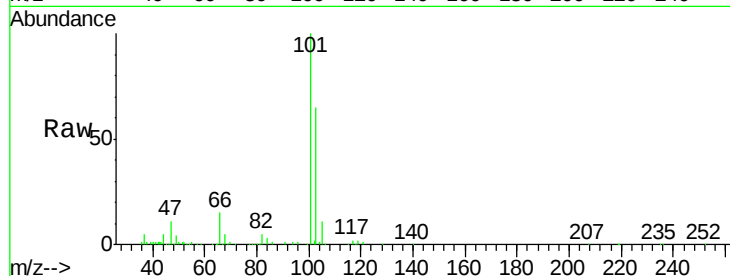
Trichlorofluoromethane
 Concen: 60.36 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.7	76.1

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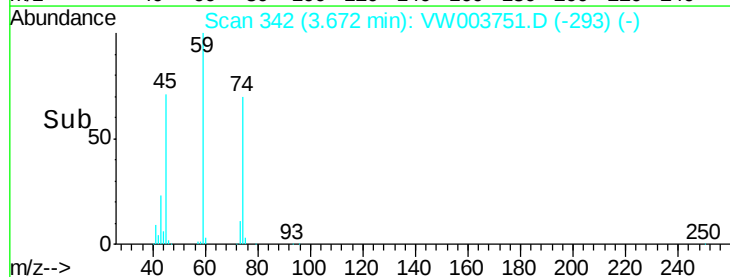
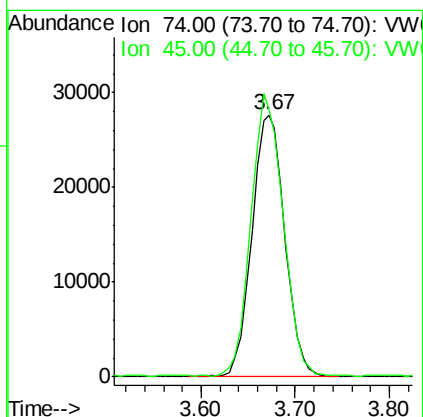
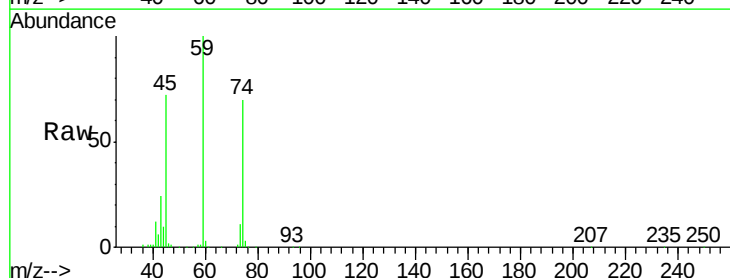
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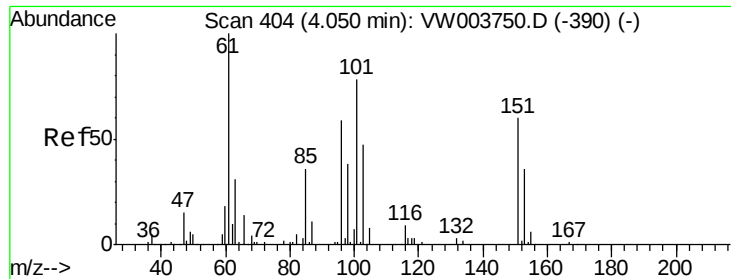


#8

Diethyl Ether
 Concen: 57.33 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.79 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003751.D

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Instrument :

MSVOA_W

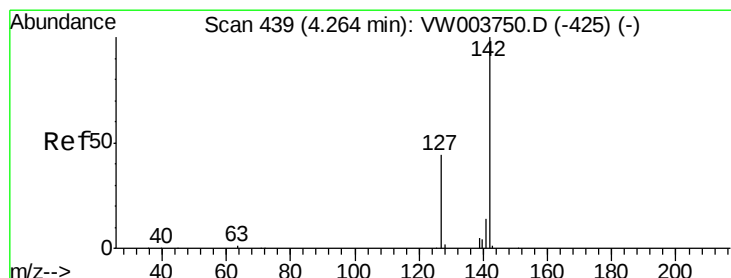
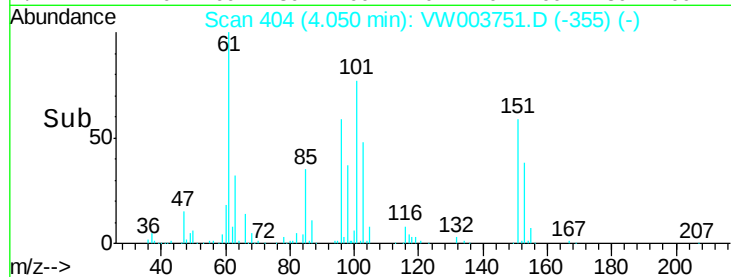
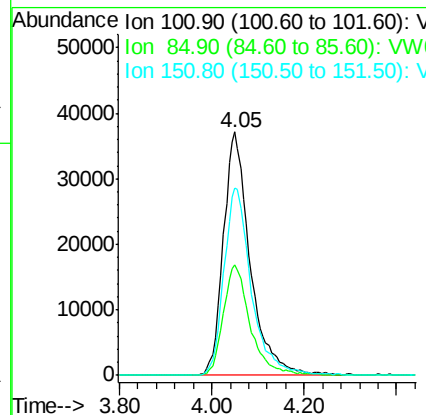
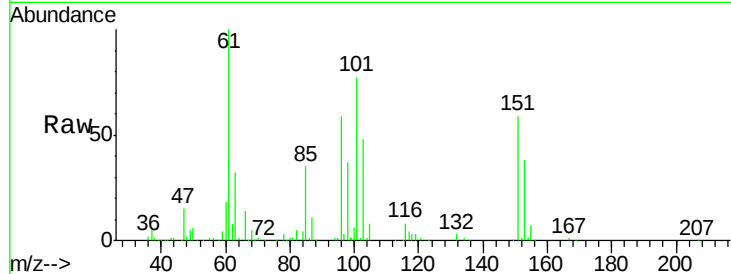
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	149610
Ion Ratio	Lower	Upper	
101	100		
85	45.4	37.1	55.7
151	78.7	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 71.85 ug/l

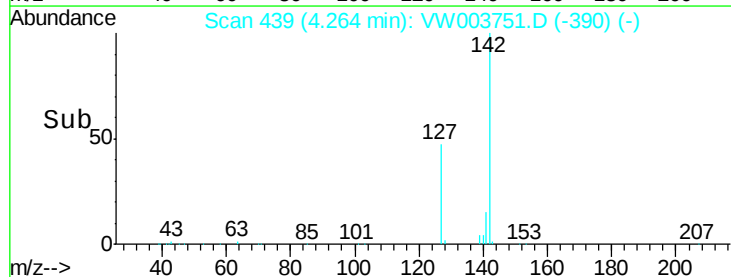
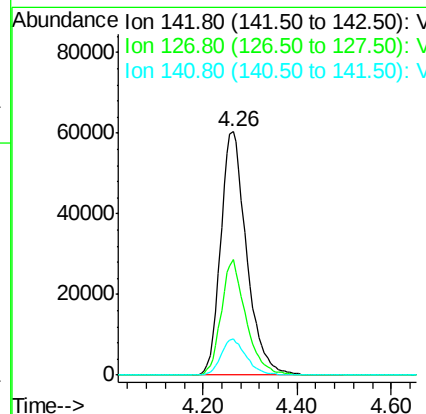
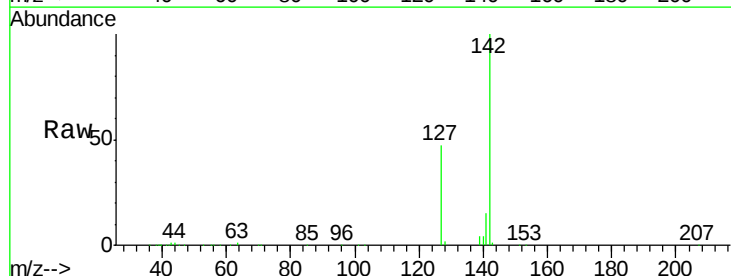
RT: 4.26 min Scan# 439

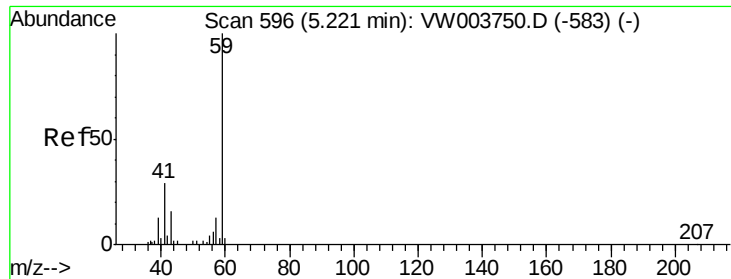
Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	142	Resp:	229092
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.1	54.1
141	14.6	11.6	17.4





#11

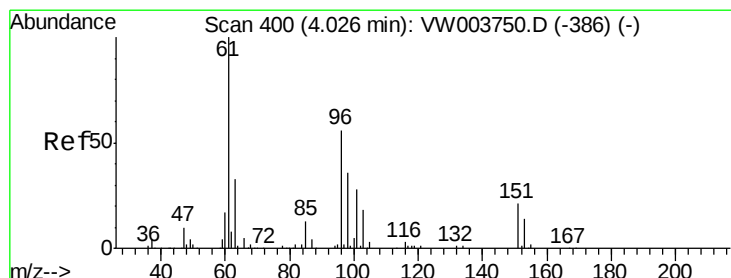
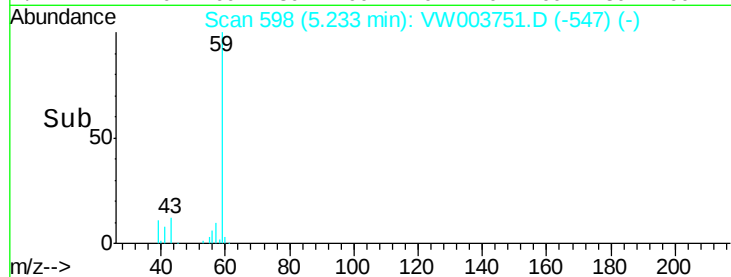
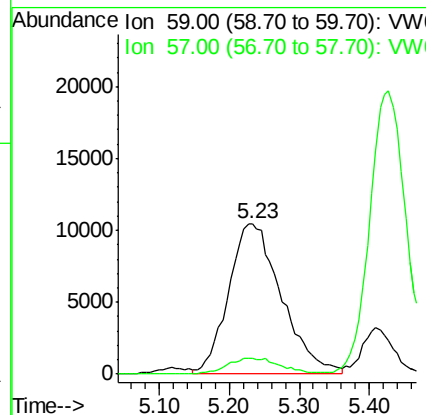
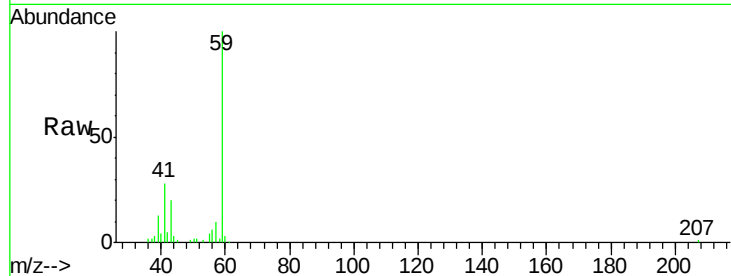
Tert butyl alcohol
Concen: 324.66 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	59	57	Ratio	Lower	Upper
59	100				
57	11.0		9.3	13.9	

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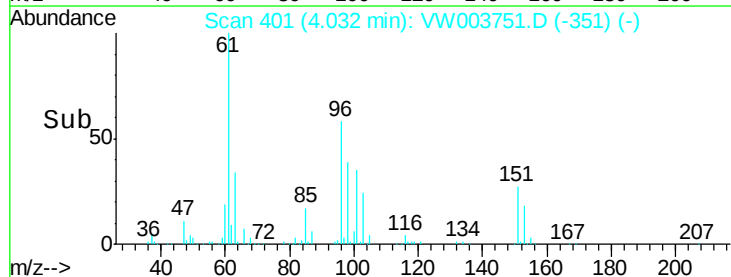
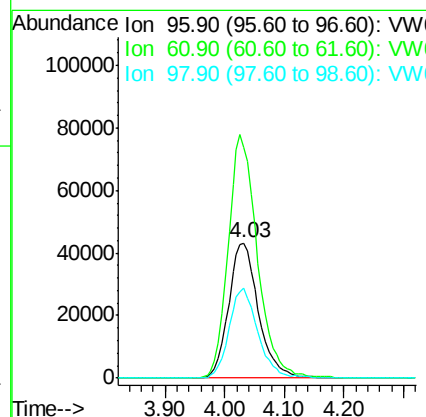
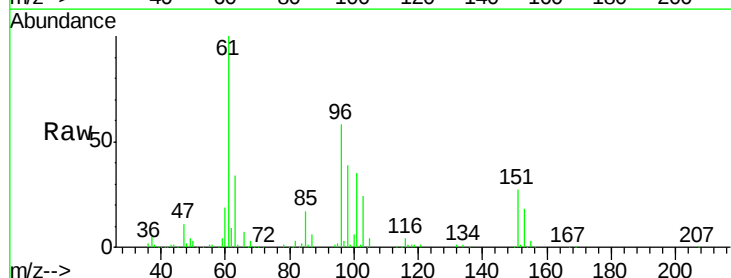
apatel
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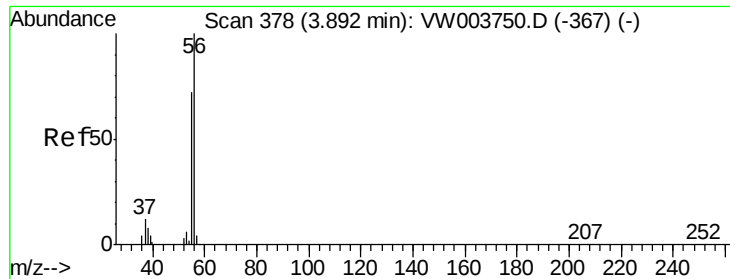


#12

1,1-Dichloroethene
Concen: 69.59 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	96	61	98	Ratio	Lower	Upper
96	100					
61	171.3			143.2	214.8	
98	66.2			51.4	77.0	





#13

Acrolein

Concen: 630.73 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 68679

Ion Ratio Lower Upper

56 100

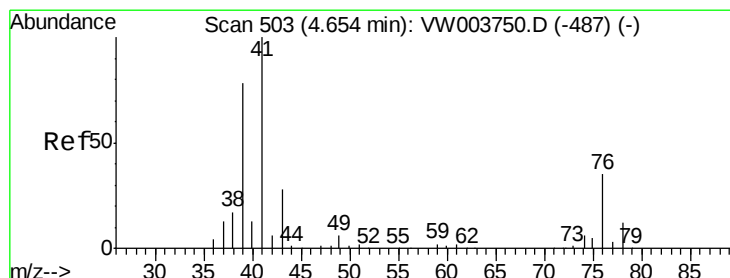
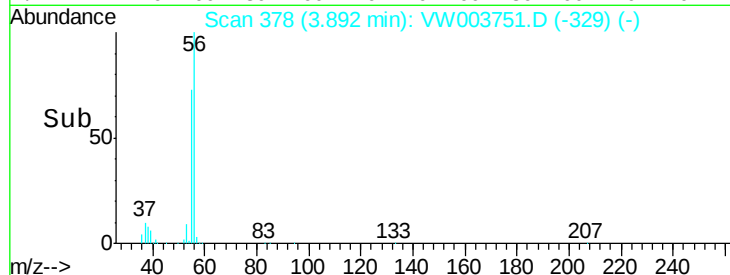
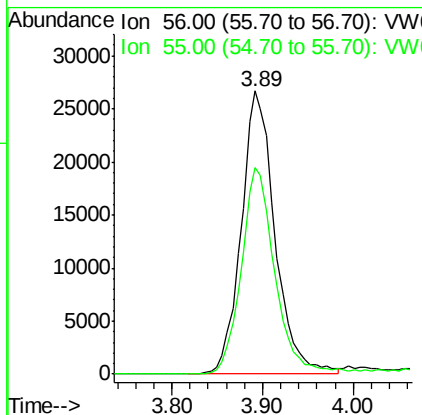
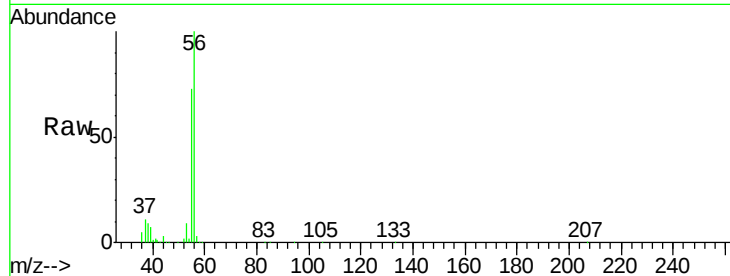
55 72.8 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 72.49 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

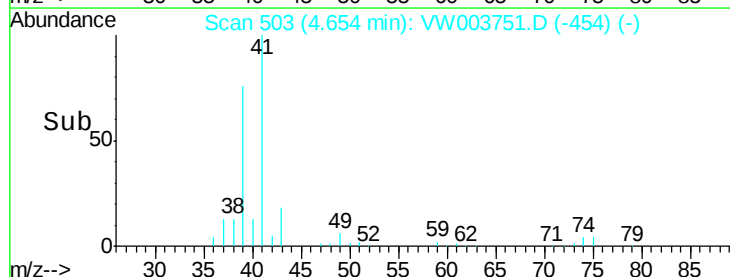
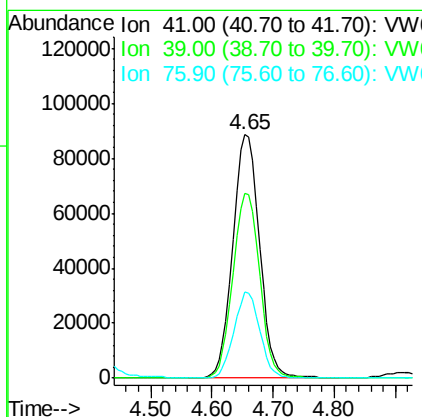
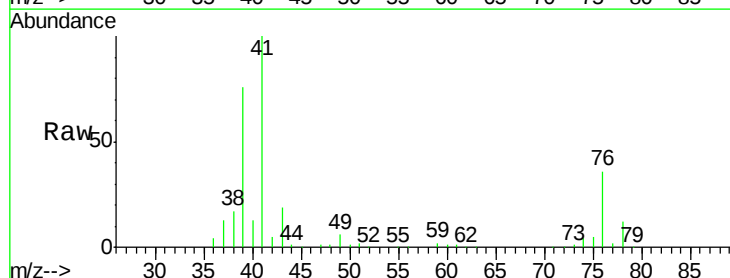
Tgt Ion: 41 Resp: 268141

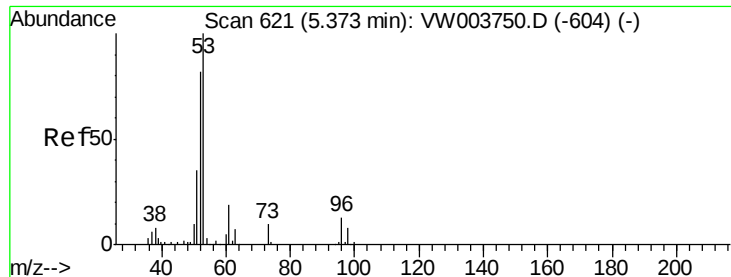
Ion Ratio Lower Upper

41 100

39 75.8 60.9 91.3

76 34.0 27.5 41.3





#15

Acrylonitrile

Concen: 342.98 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

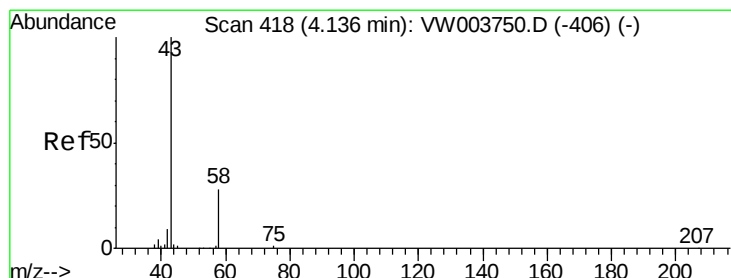
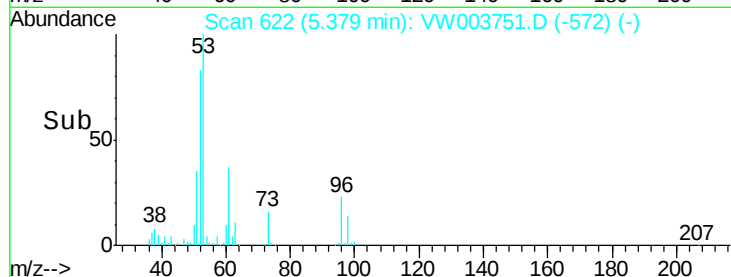
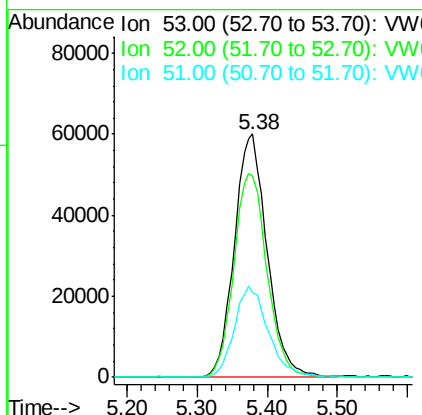
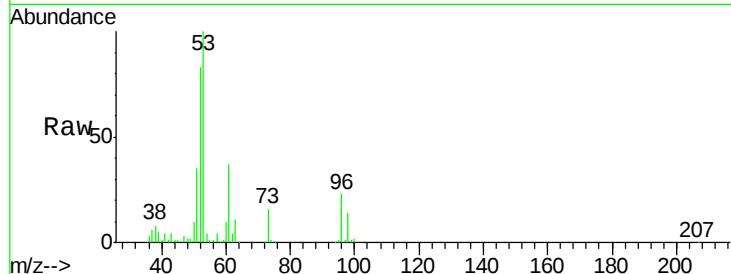
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	195453
Ion Ratio		Lower	Upper
53	100		
52	85.3	66.2	99.2
51	38.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 279.18 ug/l

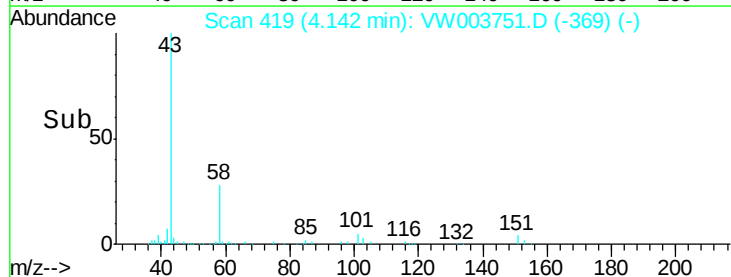
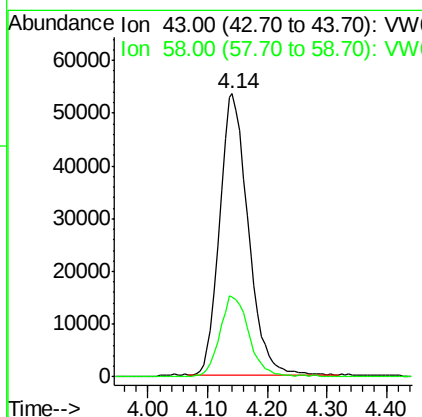
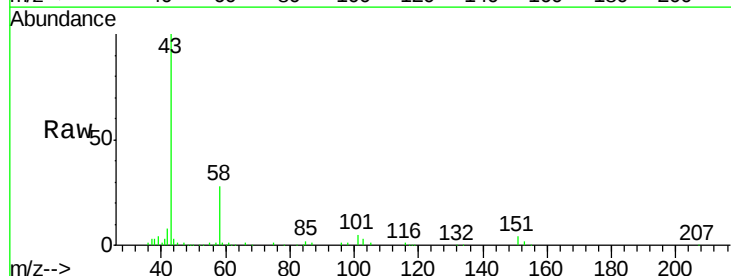
RT: 4.14 min Scan# 419

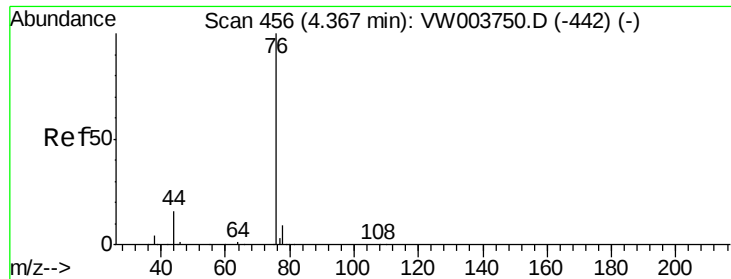
Delta R.T. 0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	43	Resp:	176775
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.6	34.0





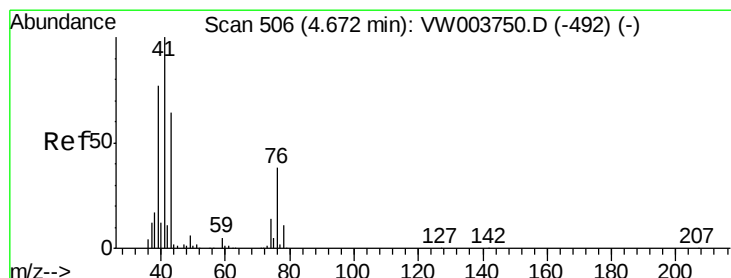
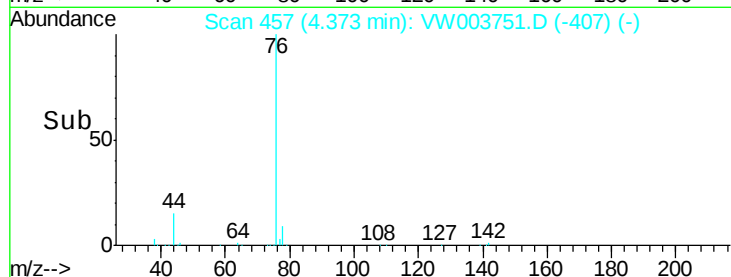
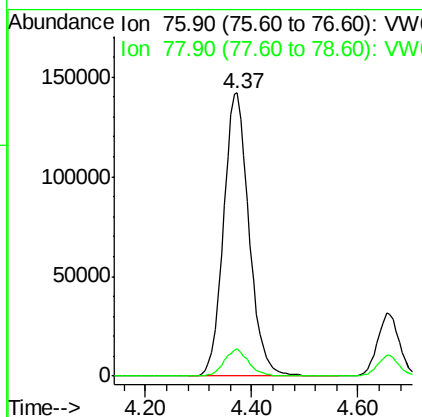
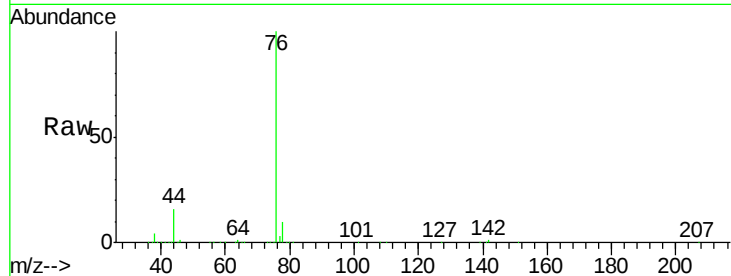
#17
Carbon Disulfide
Concen: 73.02 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

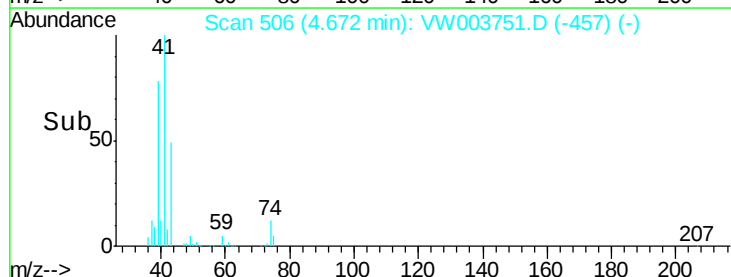
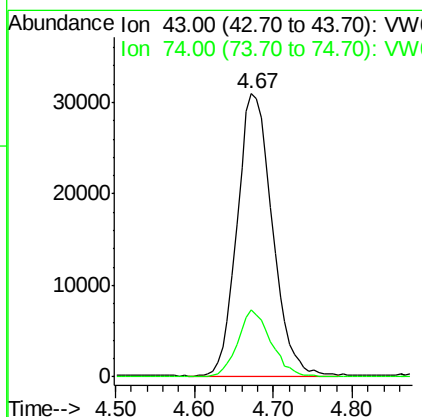
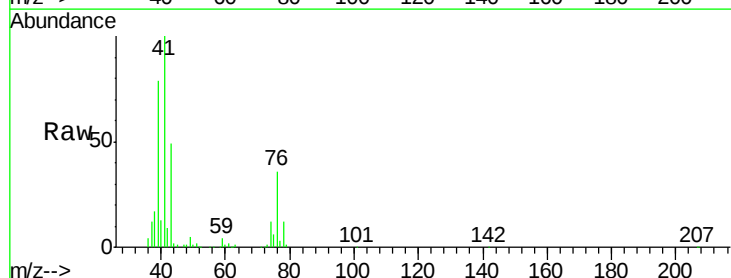
Manual Integrations
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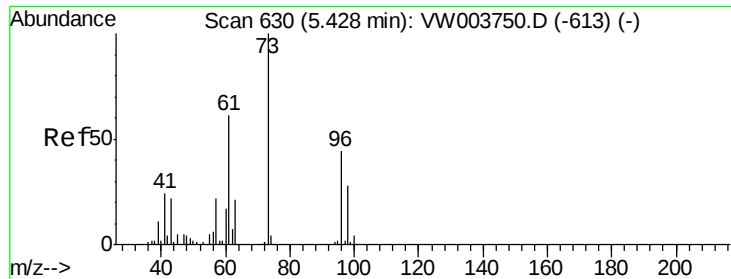
apatel
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#18
Methyl Acetate
Concen: 60.78 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.3	25.9





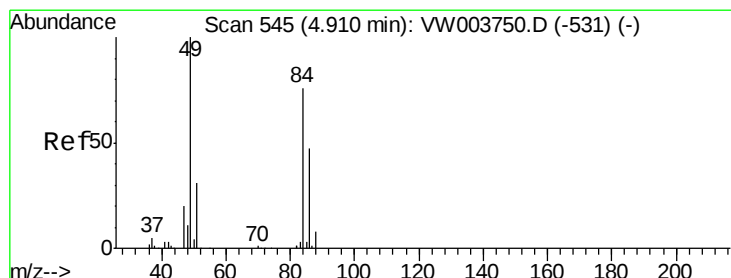
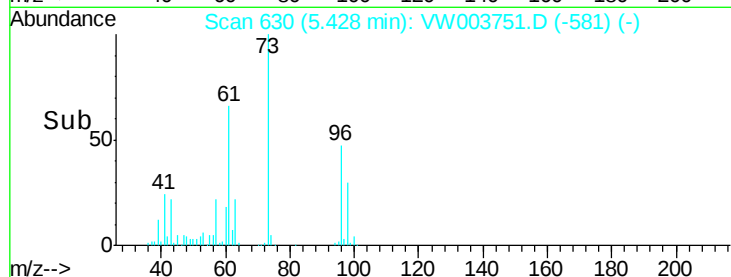
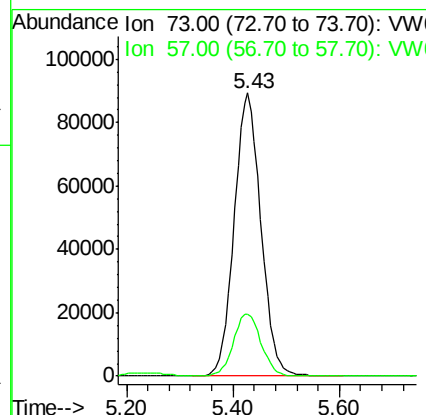
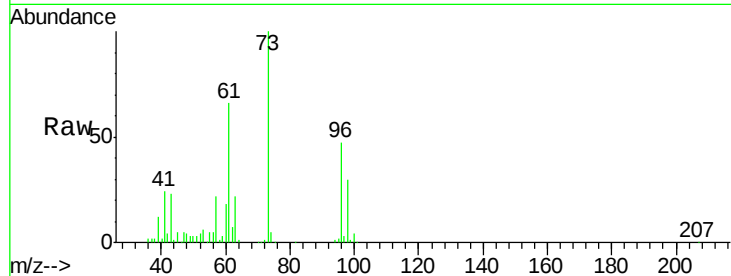
#19
Methvl tert-butvl Ether
Concen: 72.70 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 73 Resp: 311586
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

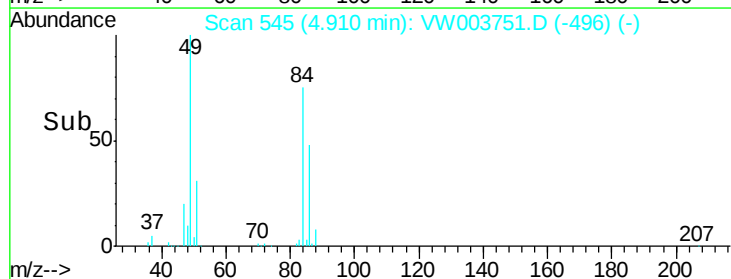
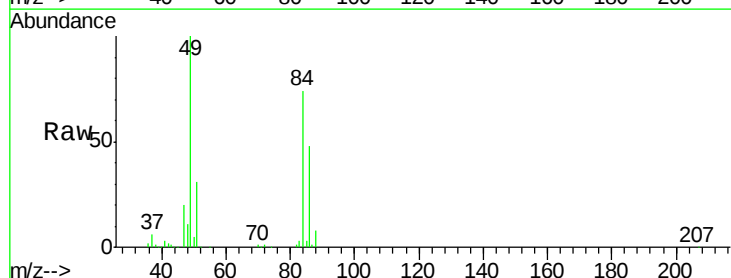
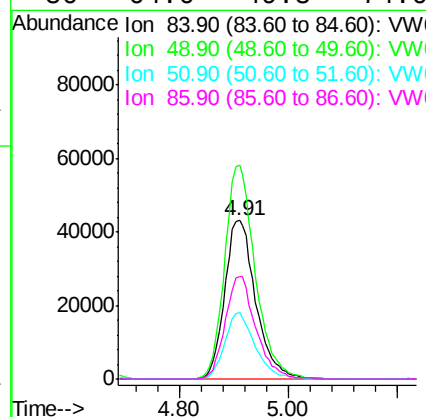
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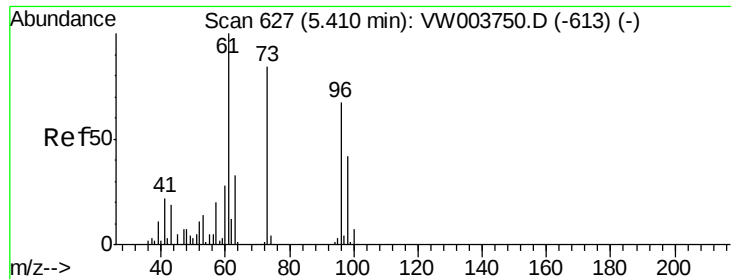
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#20
Methylene Chloride
Concen: 58.20 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion: 84 Resp: 170645
Ion Ratio Lower Upper
84 100
49 134.6 105.1 157.7
51 41.9 32.5 48.7
86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 71.64 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

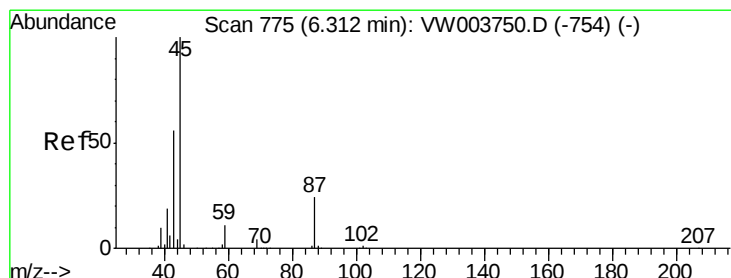
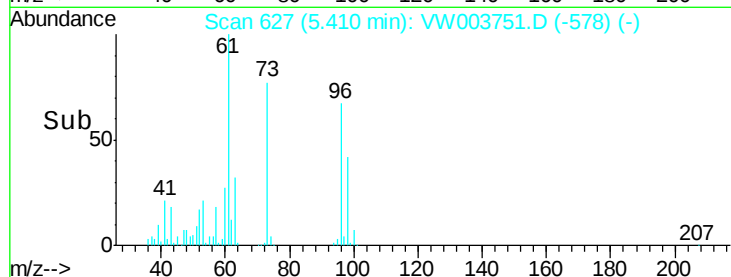
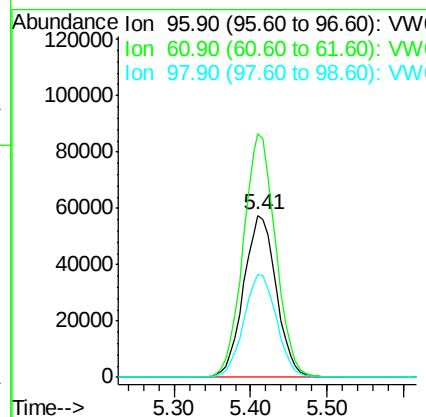
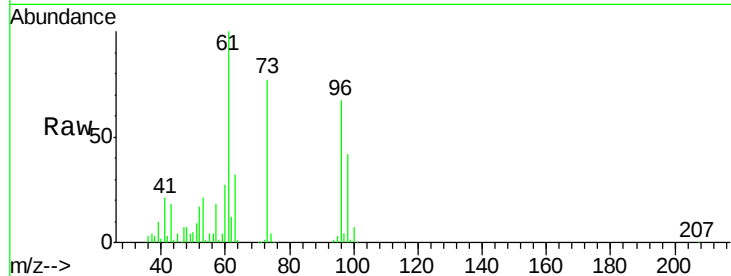
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	170514
Ion	Ratio	Lower	Upper
96	100		
61	150.1	119.0	178.6
98	63.4	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 74.51 ug/l

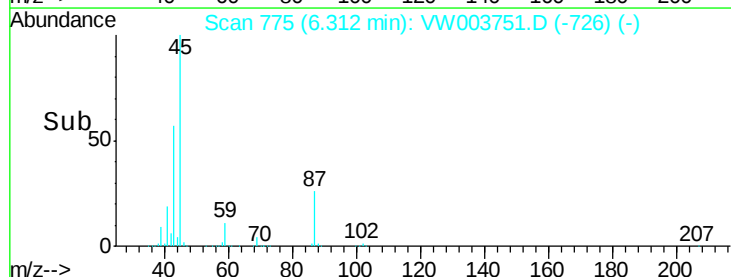
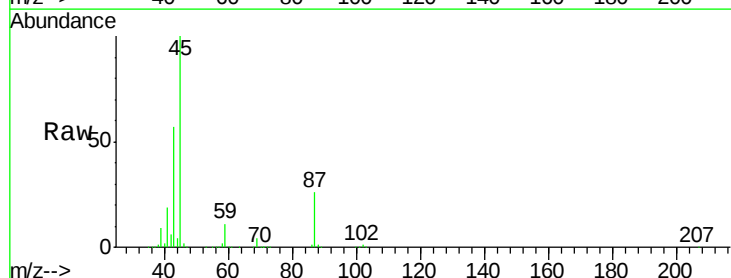
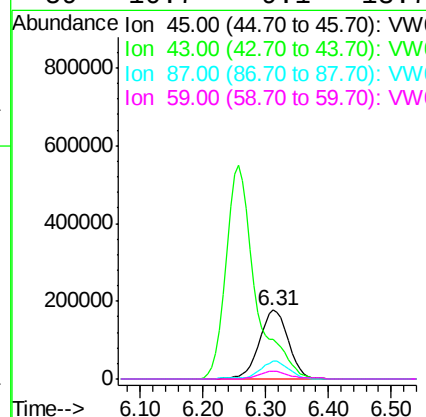
RT: 6.31 min Scan# 775

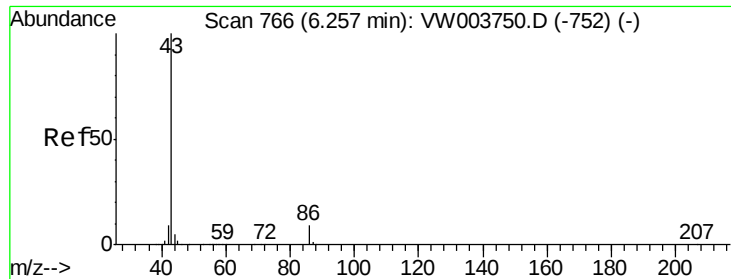
Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	45	Resp:	571873
Ion	Ratio	Lower	Upper
45	100		
43	57.2	44.5	66.7
87	25.8	19.6	29.4
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 379.06 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 1772938

Ion Ratio Lower Upper

43 100

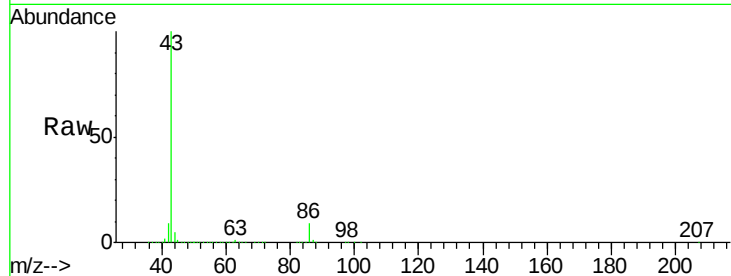
86 9.1 7.3 10.9

Manual Integrations

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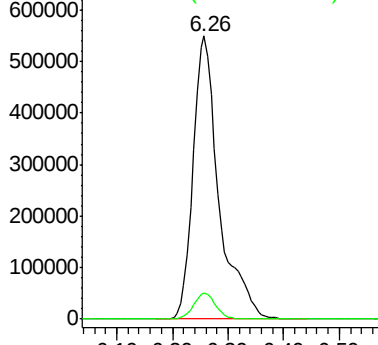
apatel

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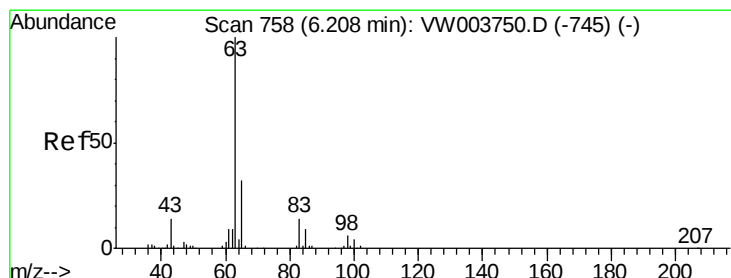
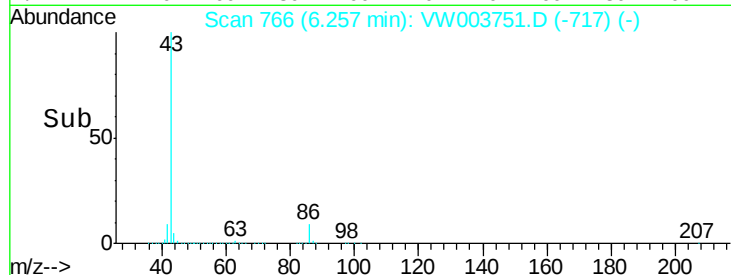


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 71.27 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

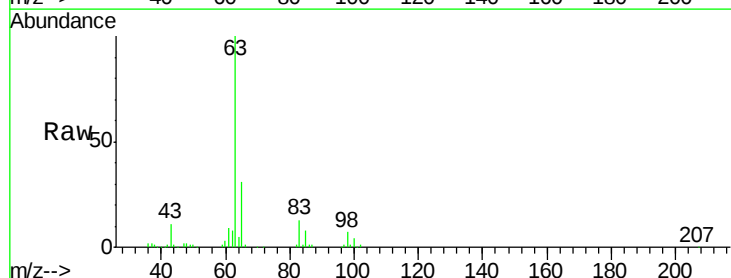
Tgt Ion: 63 Resp: 325048

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

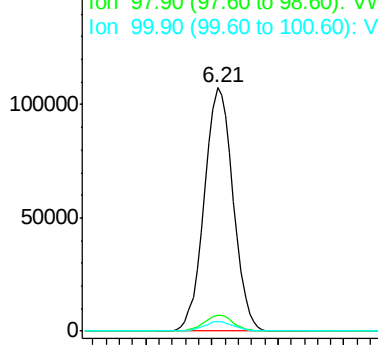
100 4.0 2.1 6.2



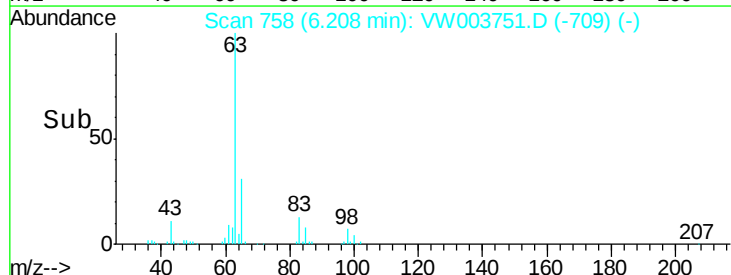
Abundance Ion 62.90 (62.60 to 63.60): VW

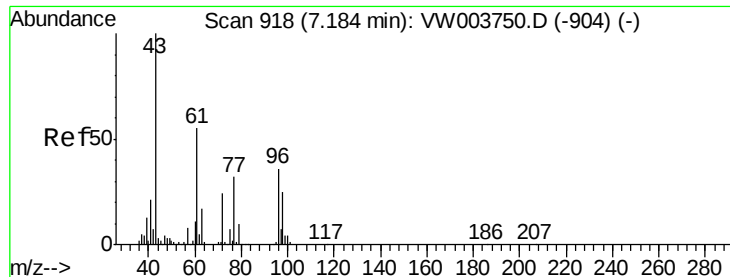
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 328.47 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 272683

Ion Ratio Lower Upper

43 100

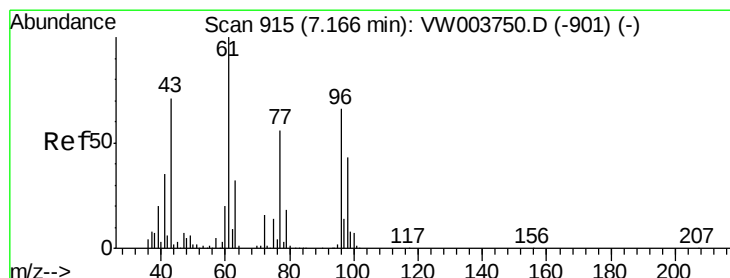
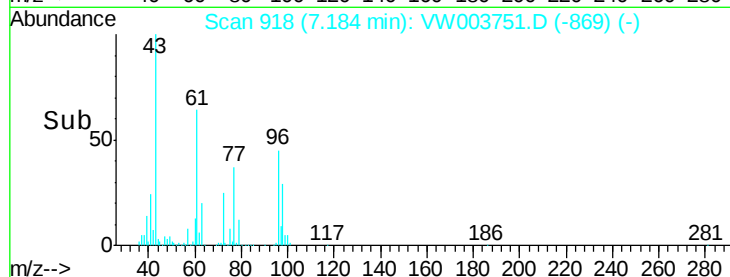
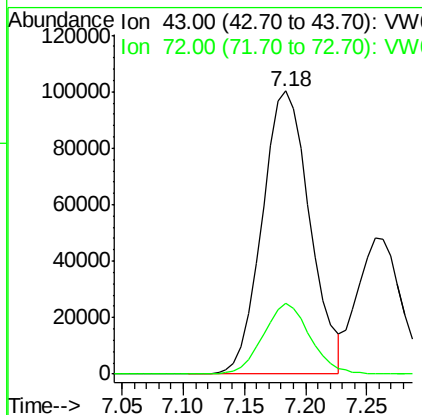
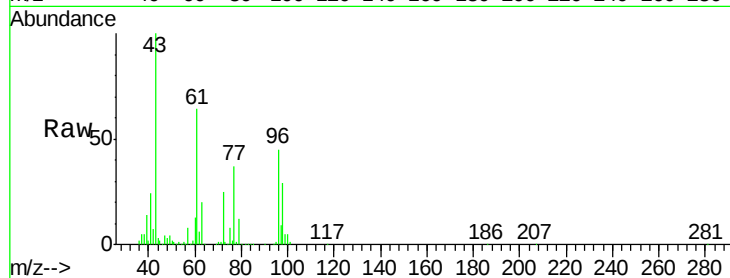
72 25.3 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 62.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003751.D

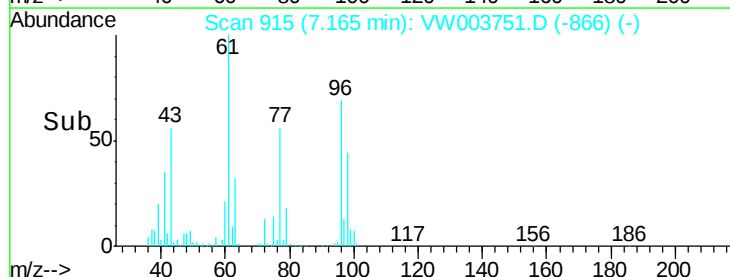
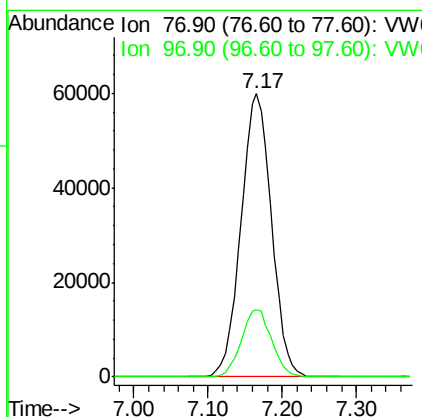
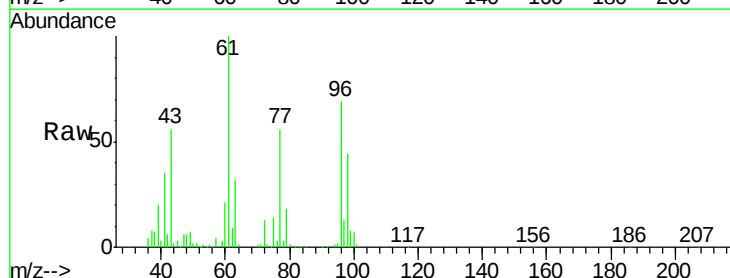
Acq: 07 Jul 2018 00:32

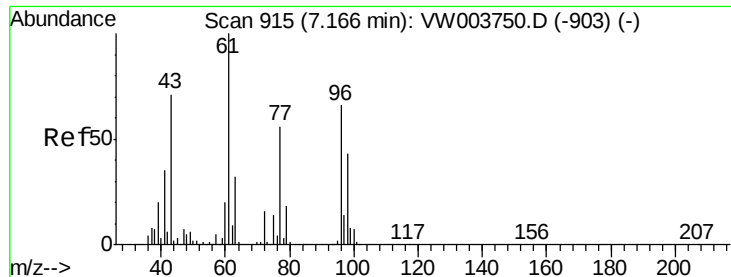
Tgt Ion: 77 Resp: 171797

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 71.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

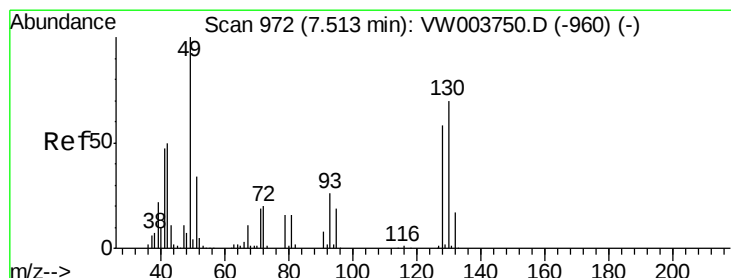
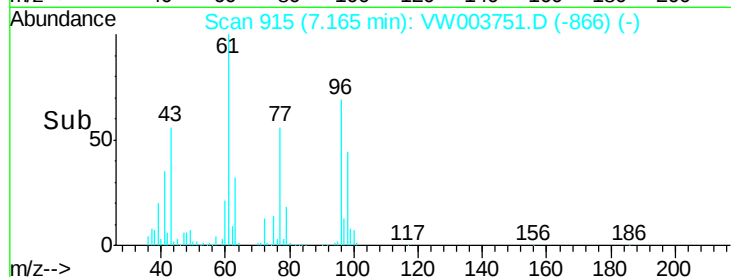
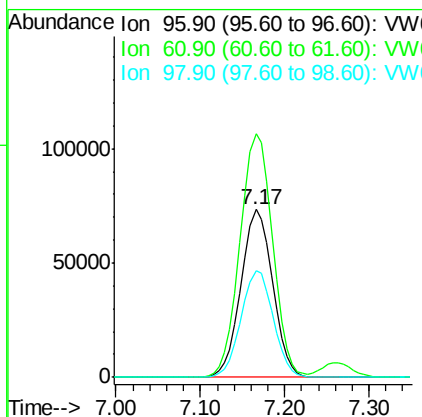
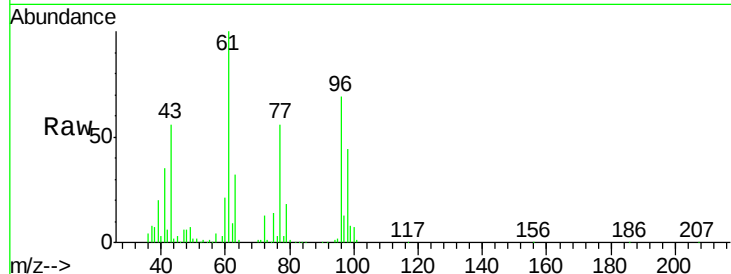
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	187212
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	300.8
98	64.6	0.0	128.6

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#28

Bromochloromethane

Concen: 71.20 ug/l

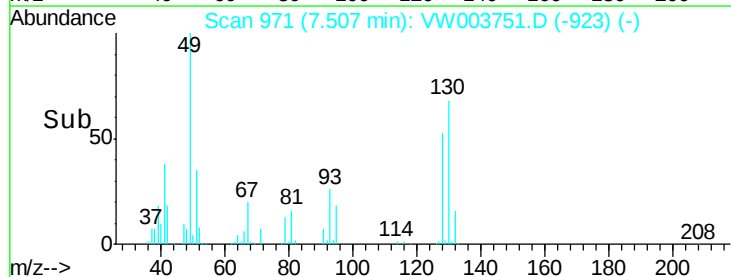
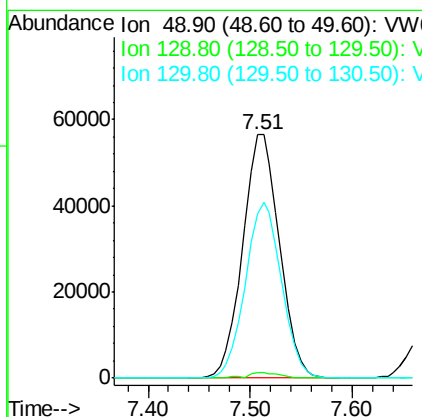
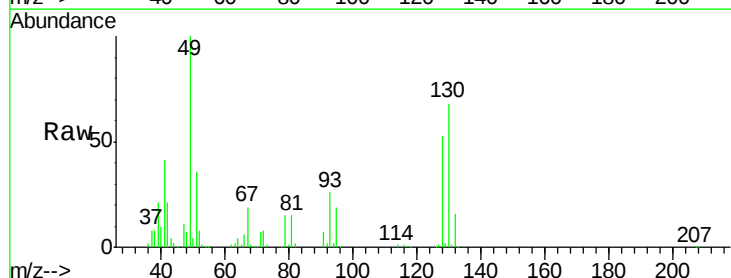
RT: 7.51 min Scan# 971

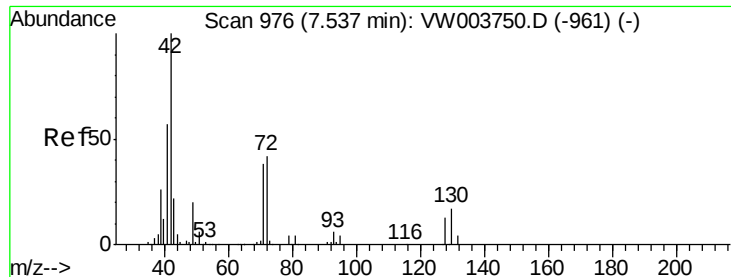
Delta R.T. -0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	49	Resp:	141878
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	70.8	56.9	85.3





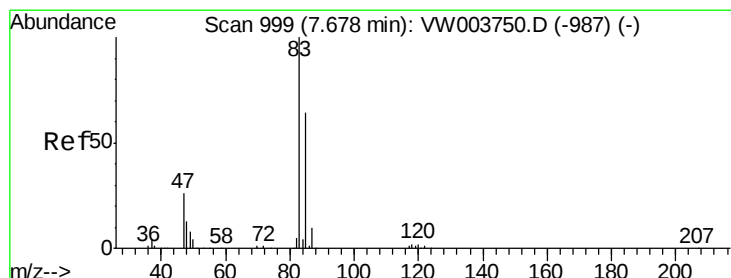
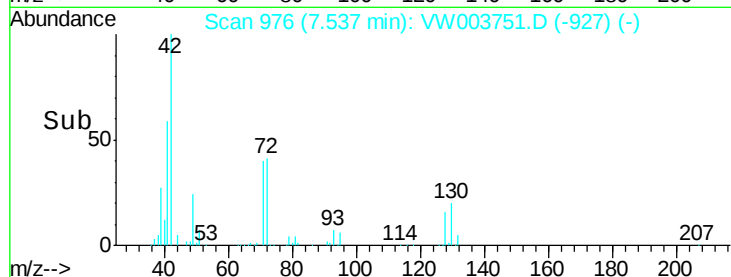
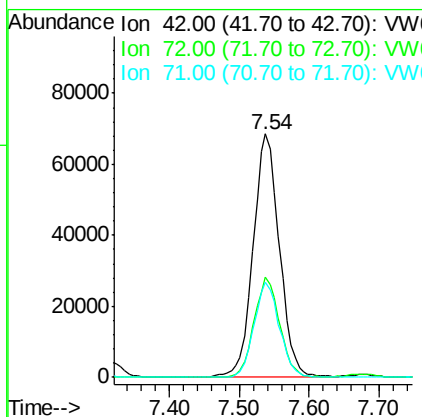
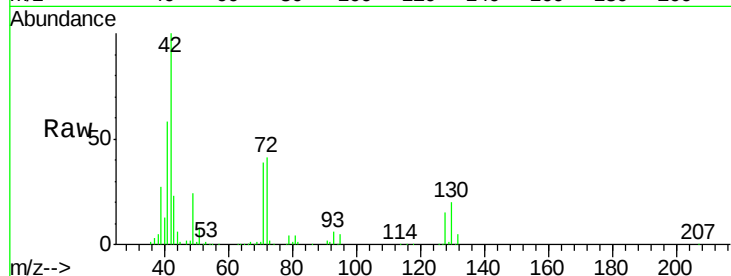
#29
Tetrahydrofuran
Concen: 354.04 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.8	47.8
71	37.9	30.3	45.5

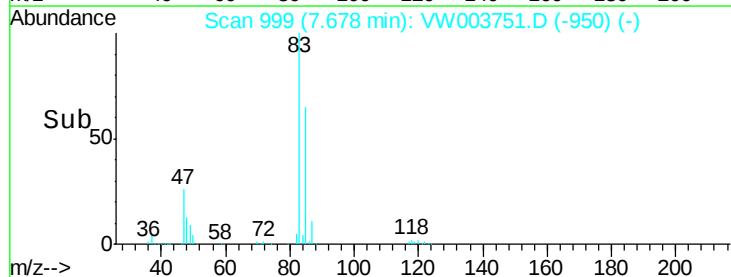
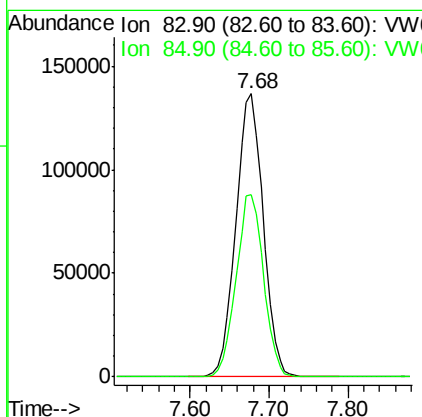
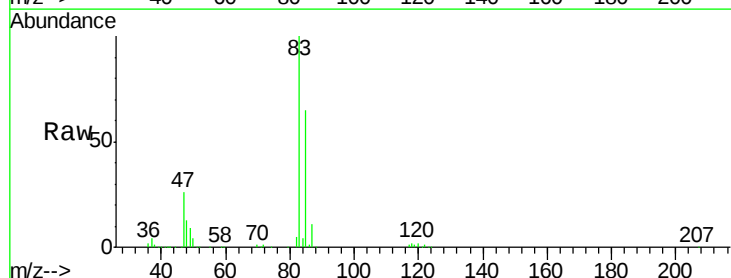
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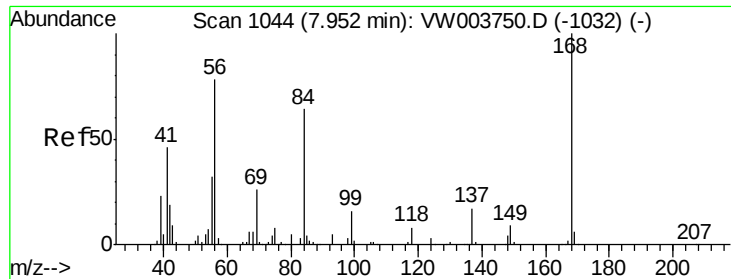
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#30
Chloroform
Concen: 71.25 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





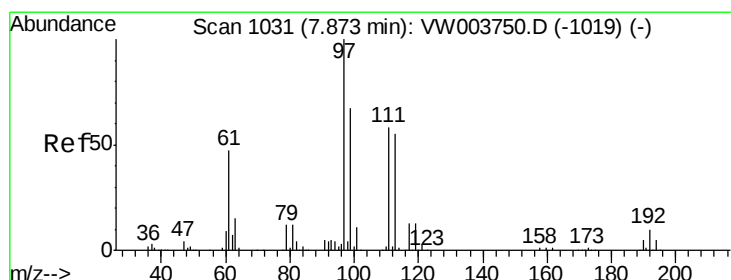
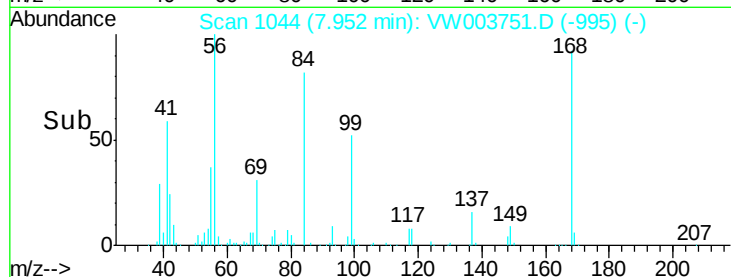
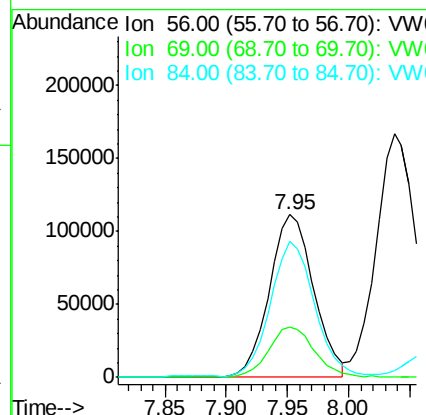
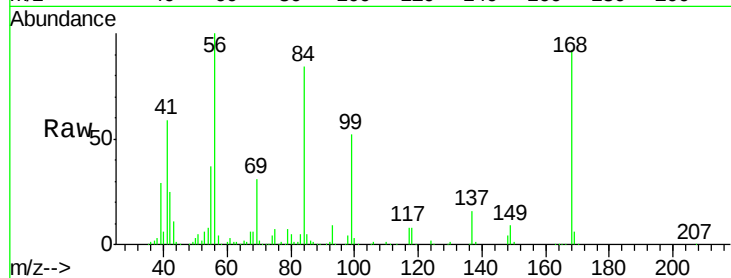
#31
Cyclohexane
Concen: 68.34 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.2	39.4
84	82.6	65.5	98.3

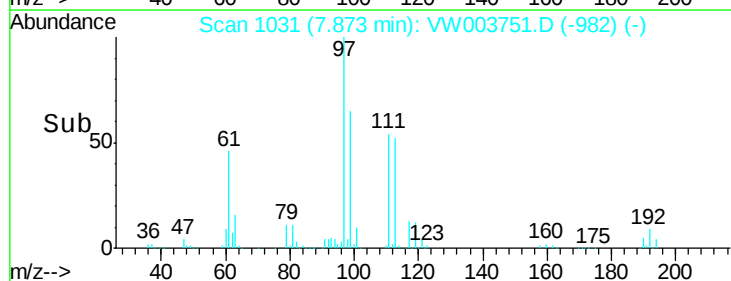
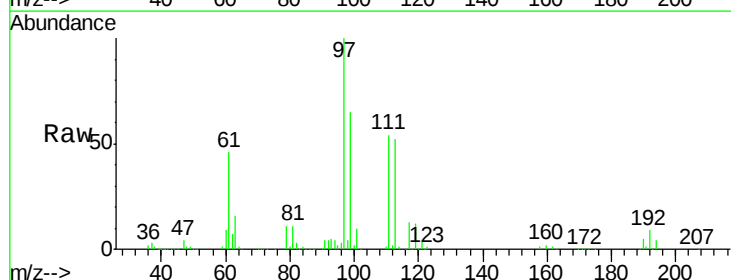
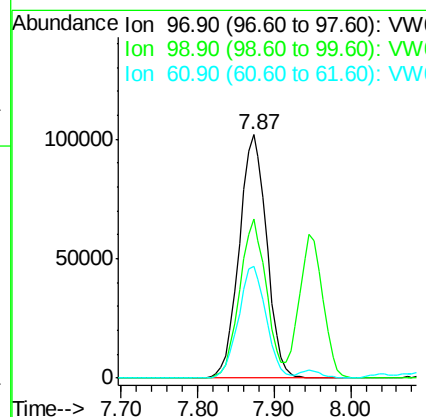
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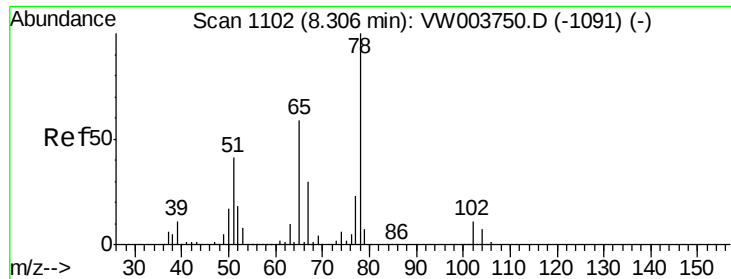
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#32
1,1,1-Trichloroethane
Concen: 70.57 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	46.2	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 72.07 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 65 Resp: 196580

Ion Ratio Lower Upper

65 100

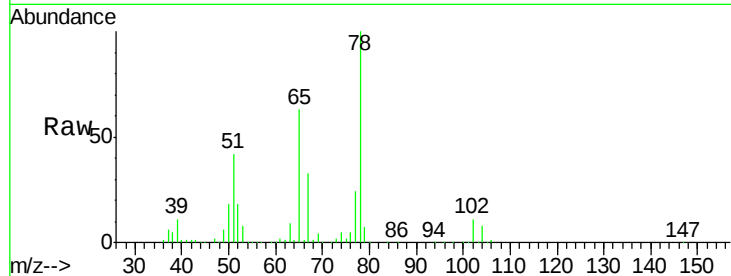
67 52.0 0.0 103.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

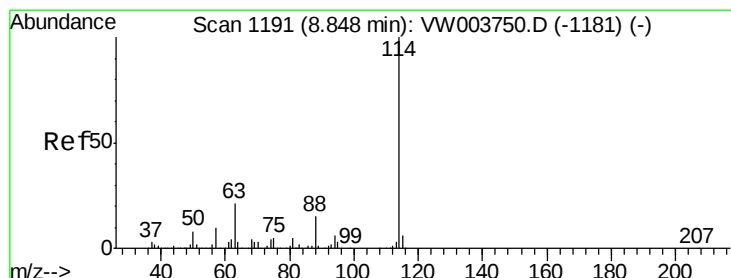
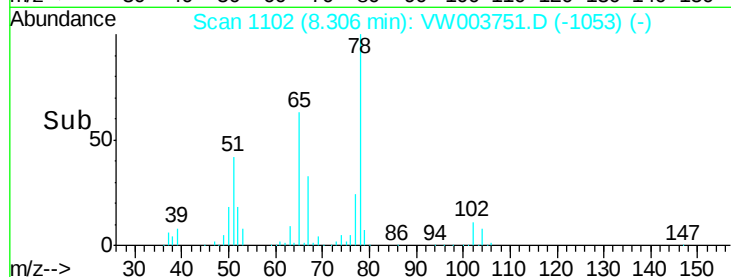
40000

20000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

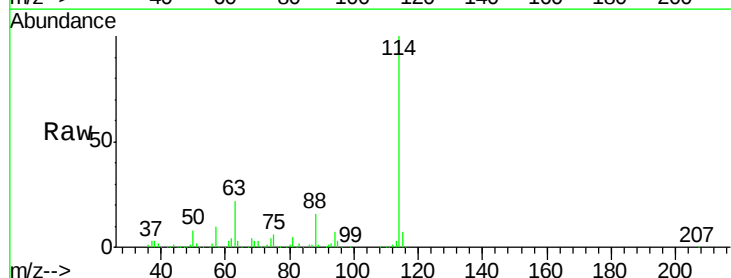
Tgt Ion: 114 Resp: 354917

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

150000

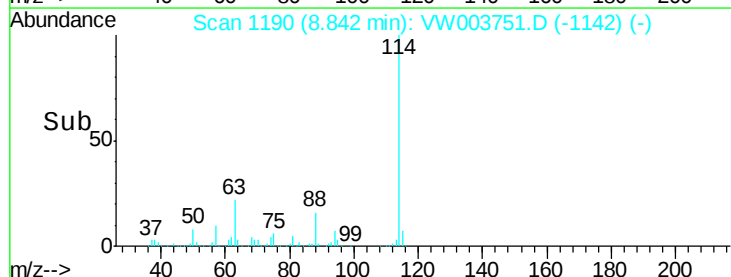
100000

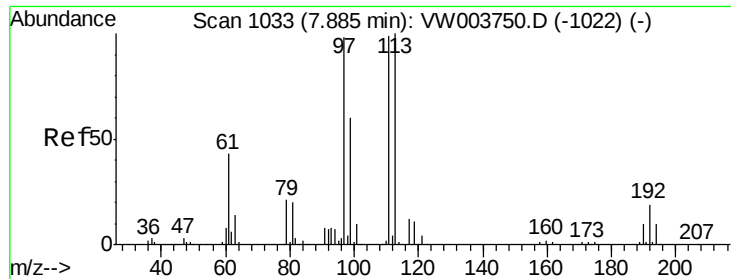
50000

0

8.80 8.90

Time-->





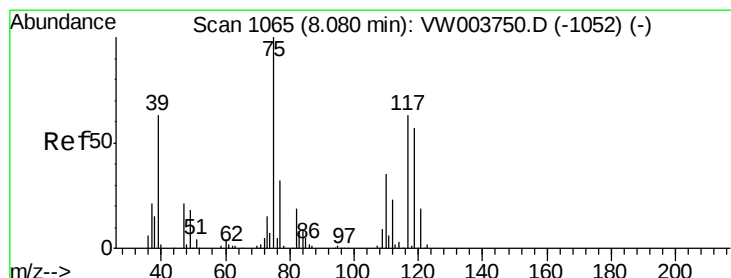
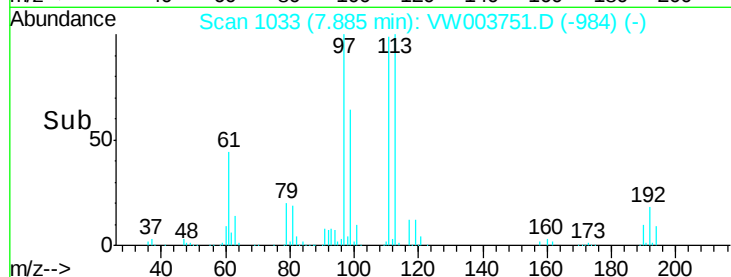
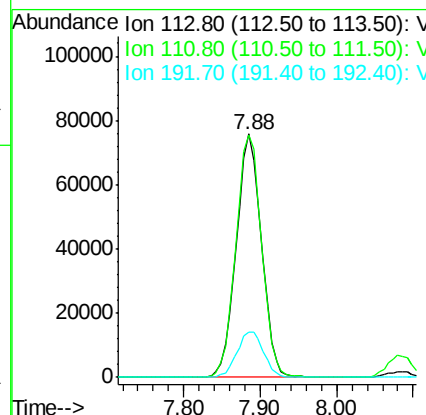
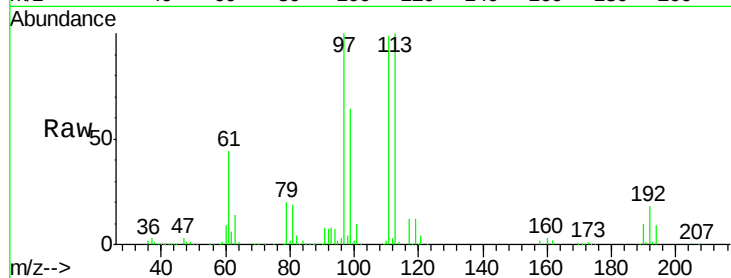
#35
 Dibromofluoromethane
 Concen: 73.91 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	19.6	15.8	23.8

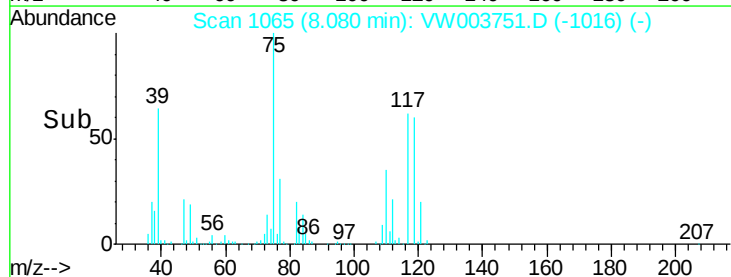
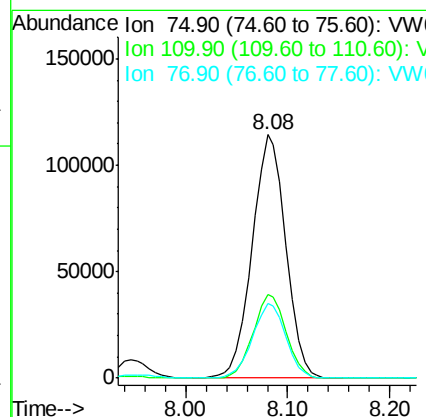
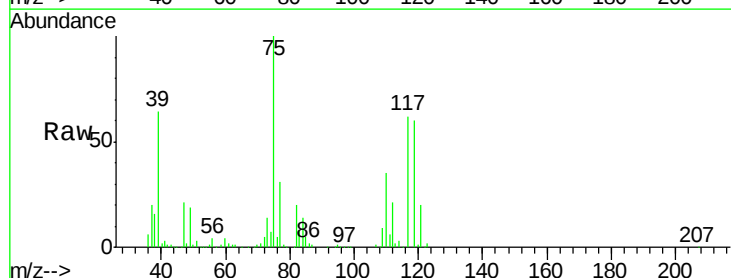
Manual Integrations
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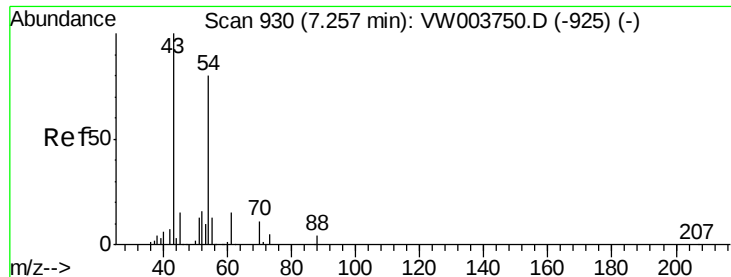
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#36
 1,1-Dichloropropene
 Concen: 72.71 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.6	24.8	37.2





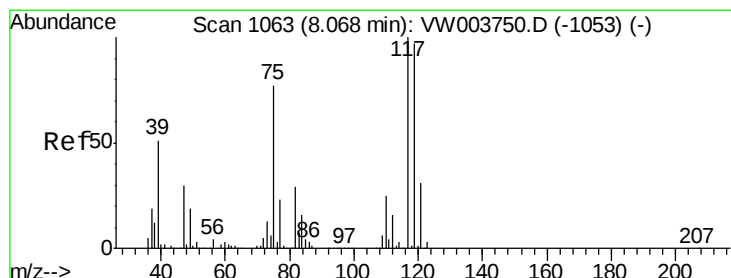
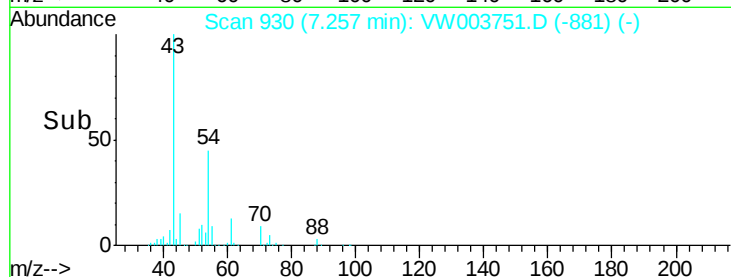
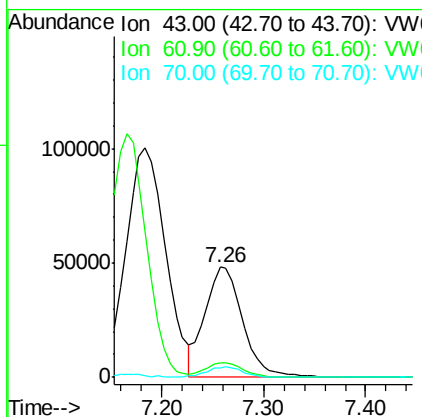
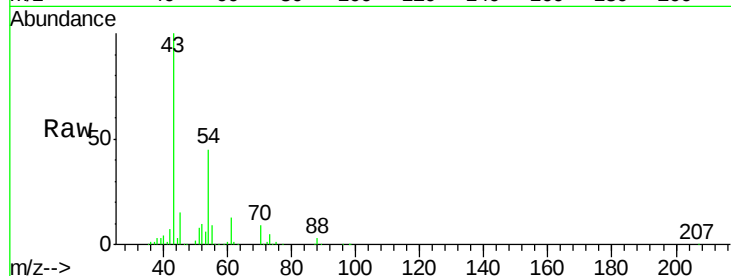
#37
Ethyl Acetate
Concen: 69.92 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	9.4	7.5	11.3

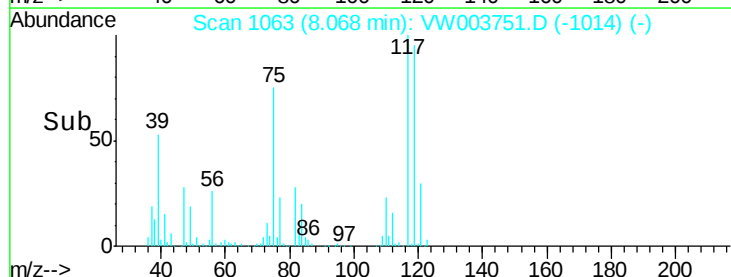
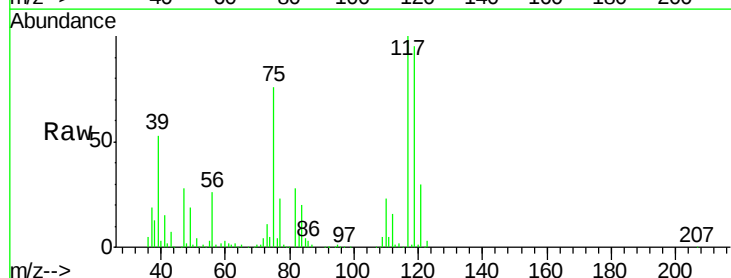
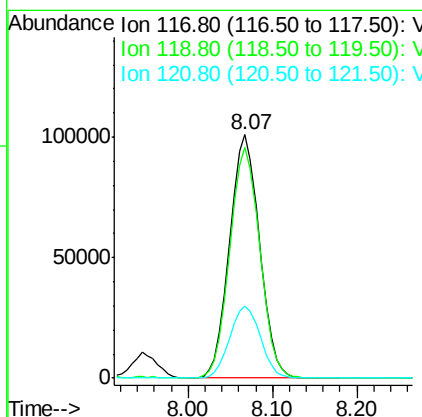
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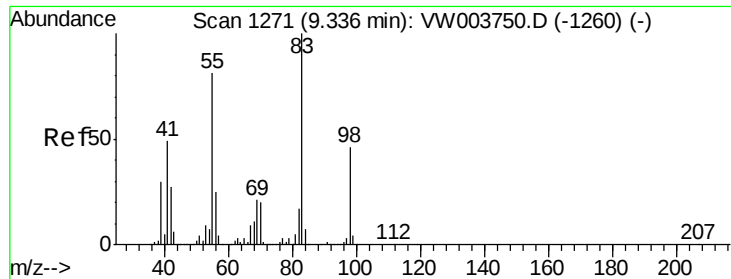
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#38
Carbon Tetrachloride
Concen: 71.37 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
121	29.8	24.6	37.0





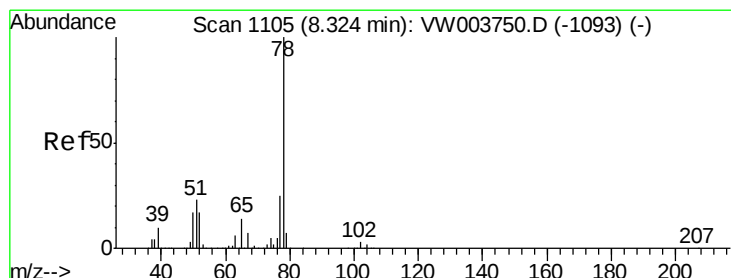
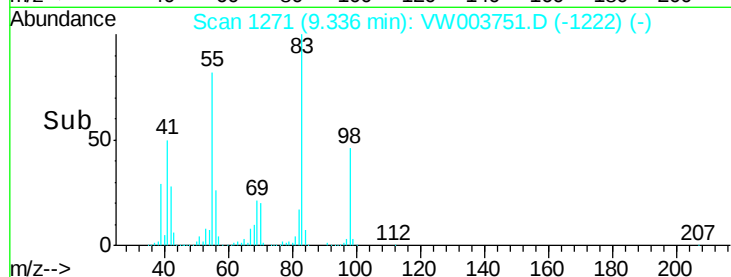
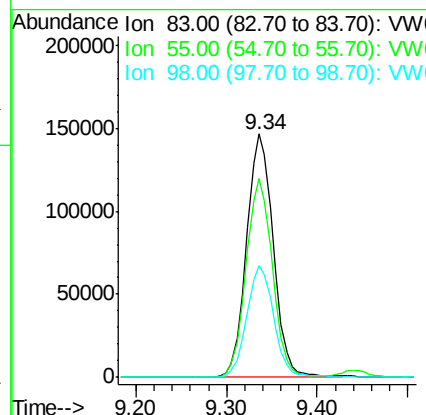
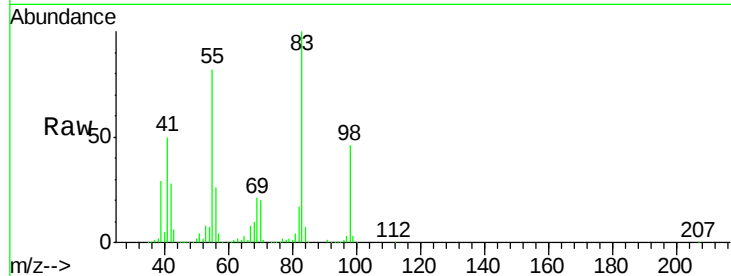
#39
Methvlcvclohexane
Concen: 72.61 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
83	100	298733		
55	81.6		65.1	97.7
98	46.2		36.7	55.1

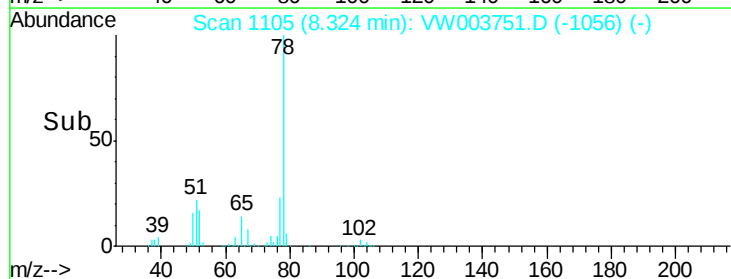
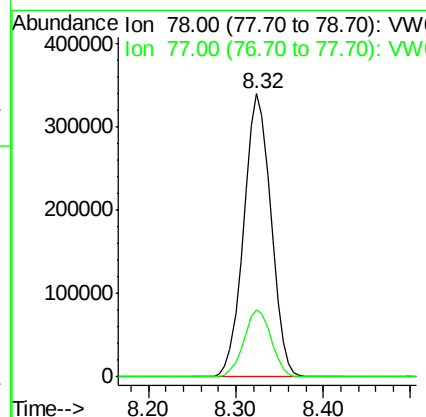
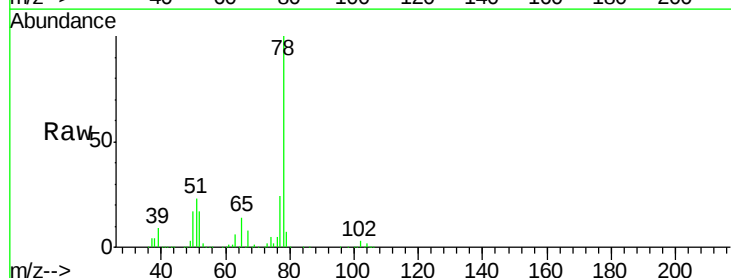
Manual Integrations
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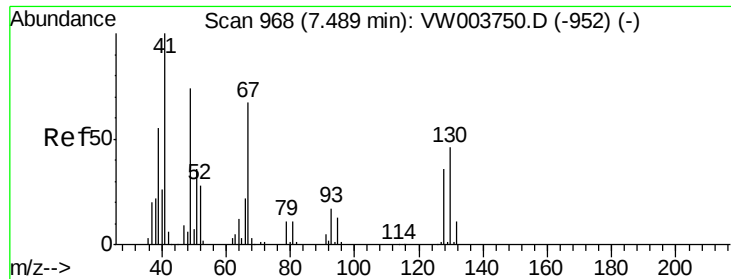
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#40
Benzene
Concen: 72.74 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	737186		
77	23.6		19.7	29.5





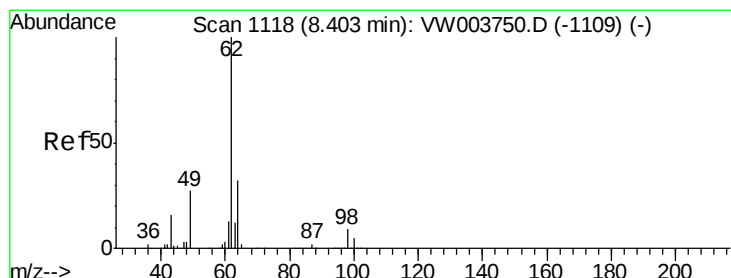
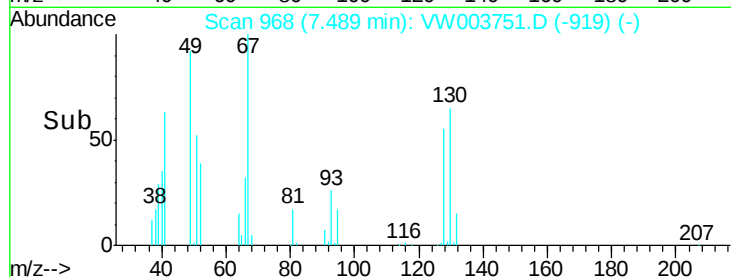
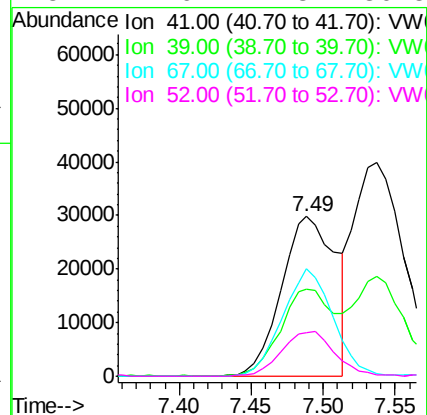
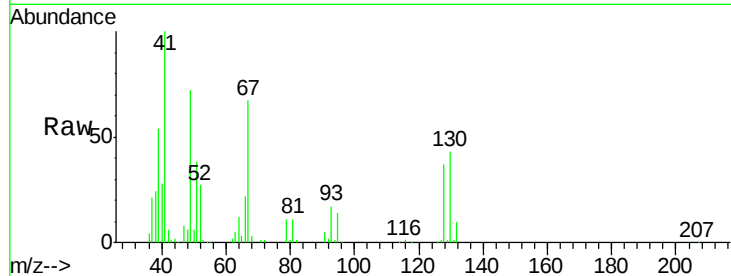
#41
Methacrylonitrile
Concen: 78.24 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	41	Resp	78746
Ion	Ratio	Lower	Upper
41	100		
39	54.5	49.5	74.3
67	62.6	53.8	80.8
52	27.6	24.3	36.5

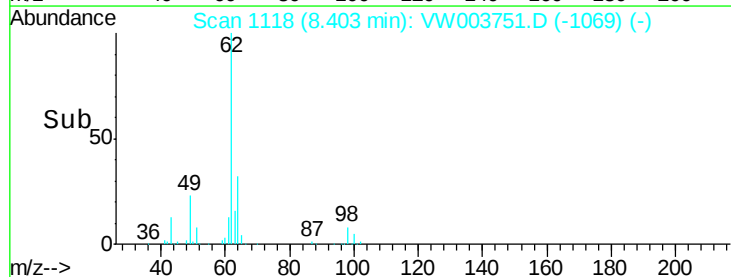
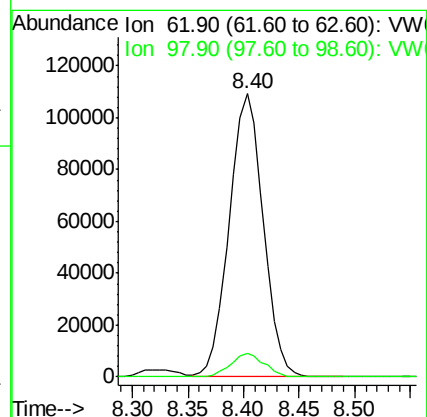
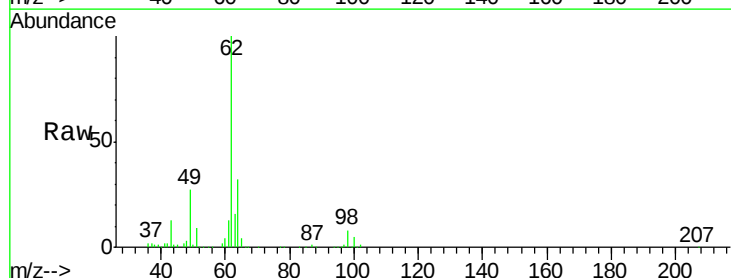
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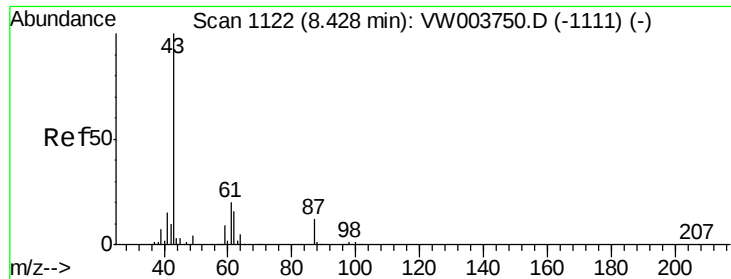
apatel
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#42
1,2-Dichloroethane
Concen: 71.94 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	62	Resp	231092
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 71.69 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

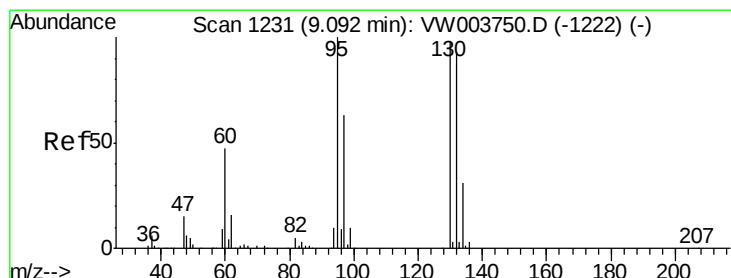
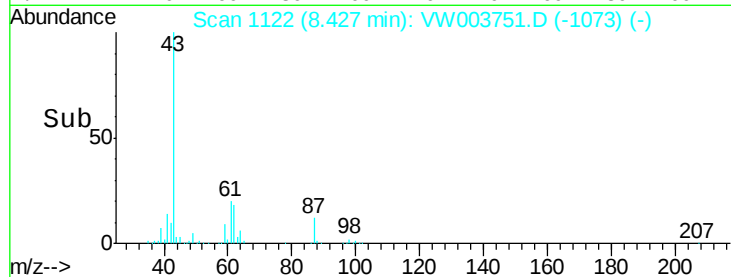
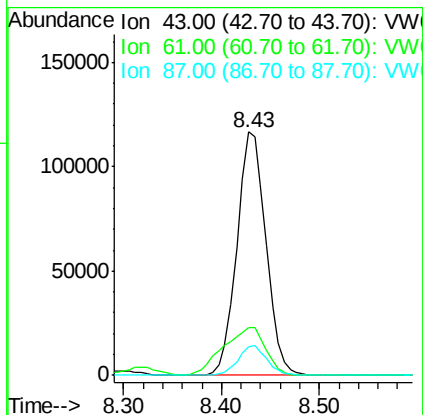
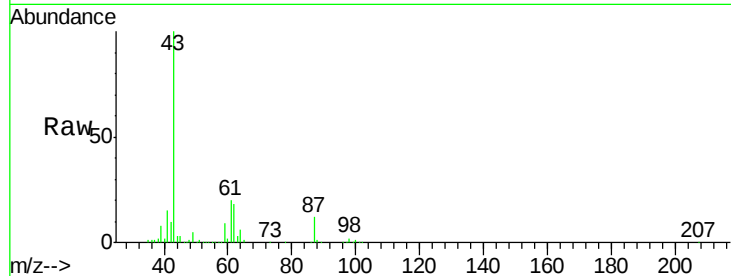
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	239205
Ion	Ratio	Lower	Upper
43	100		
61	28.9	22.8	34.2
87	11.9	9.5	14.3

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#44

Trichloroethene

Concen: 70.46 ug/l

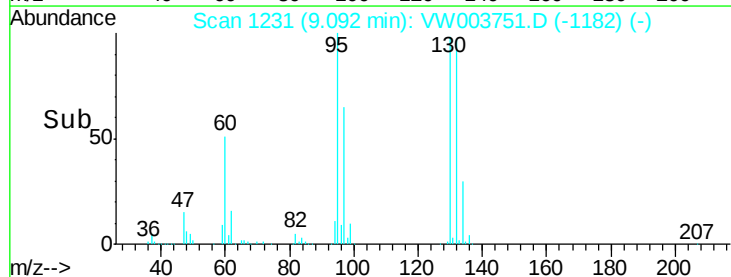
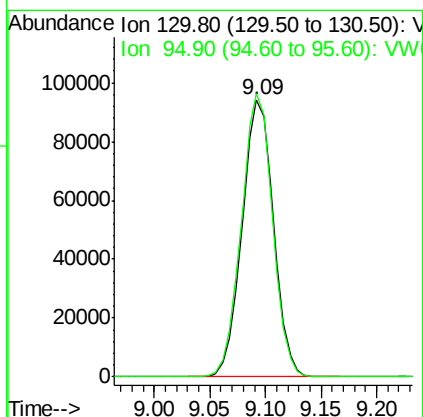
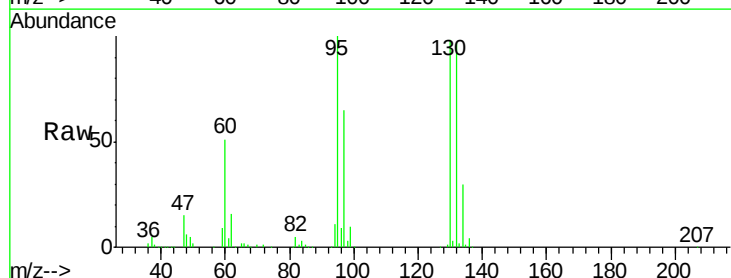
RT: 9.09 min Scan# 1231

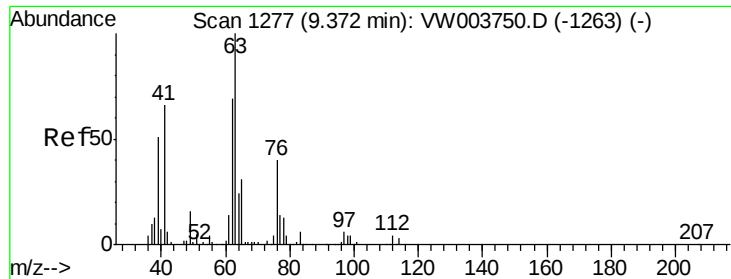
Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	130	Resp:	184263
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	203.8





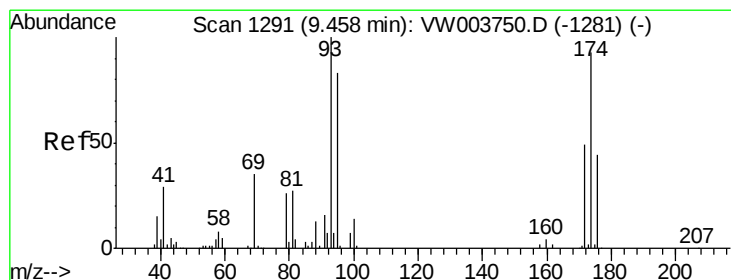
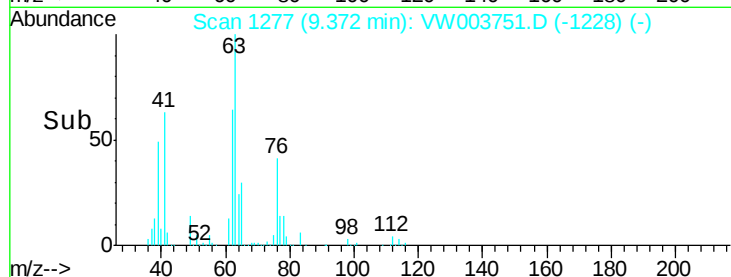
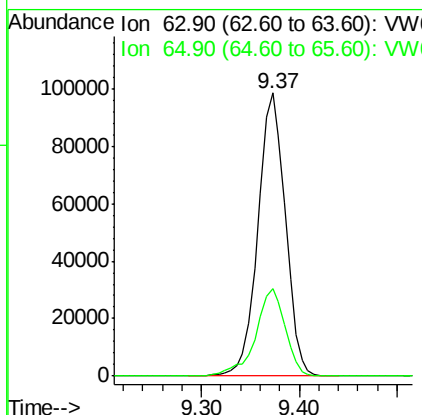
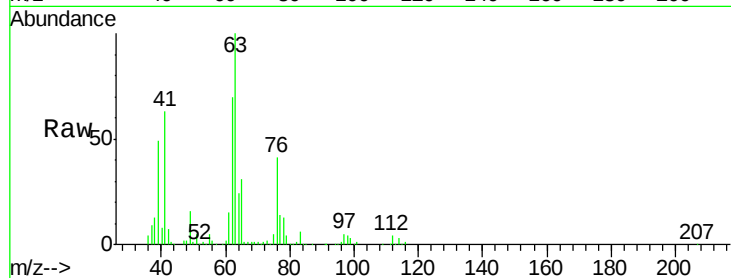
#45
 1,2-Dichloropropane
 Concen: 72.84 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.9	37.3

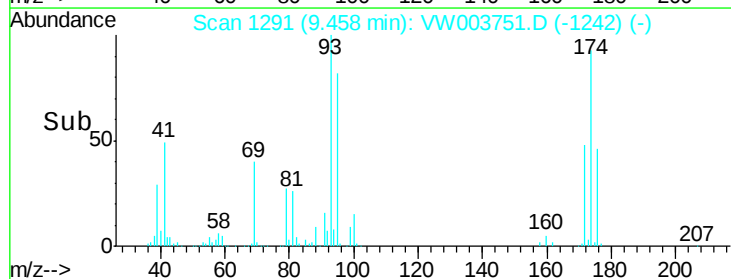
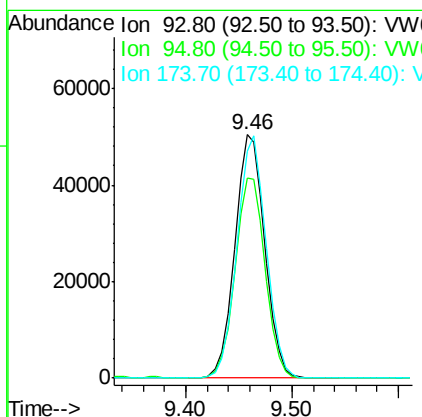
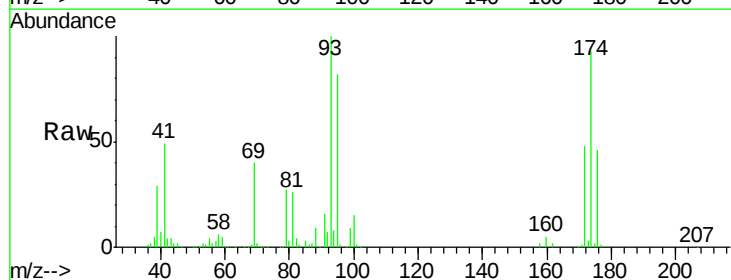
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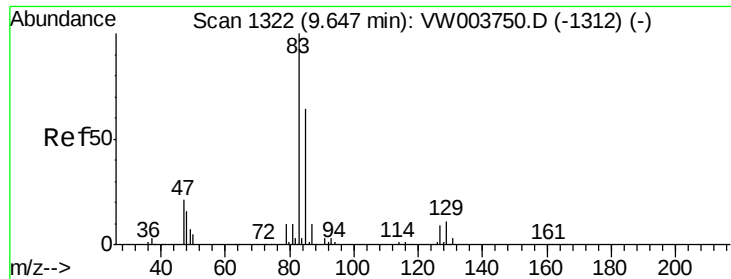
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#46
 Dibromomethane
 Concen: 72.19 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.2	100.8
174	97.1	78.1	117.1





#47

Bromodichloromethane

Concen: 73.41 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

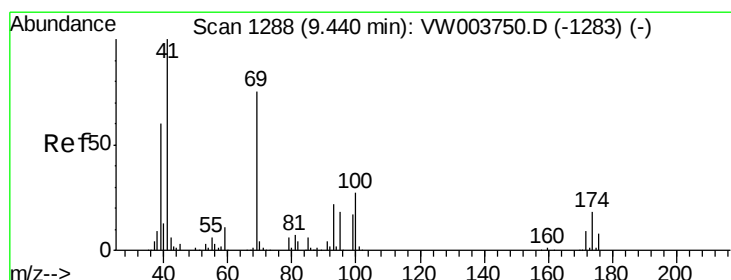
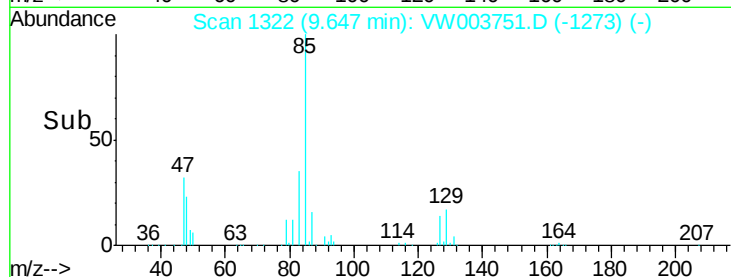
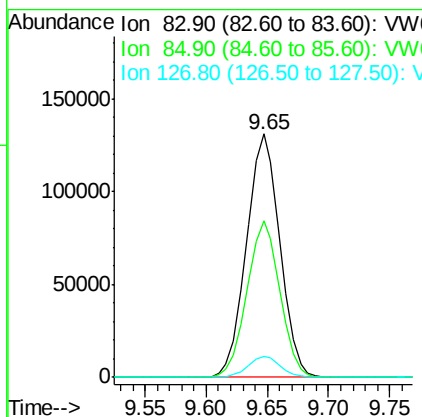
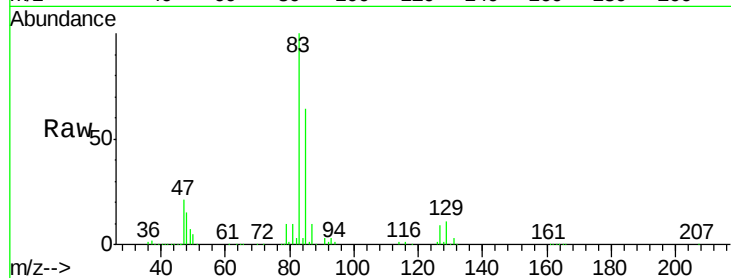
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	248445
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	8.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 73.24 ug/l

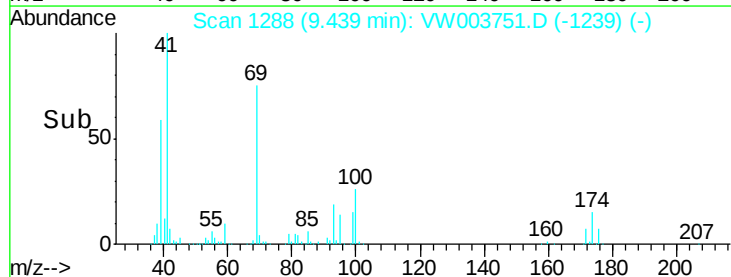
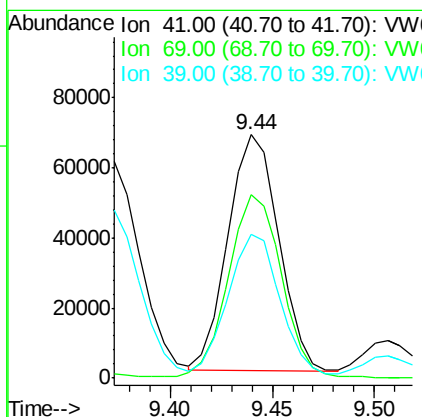
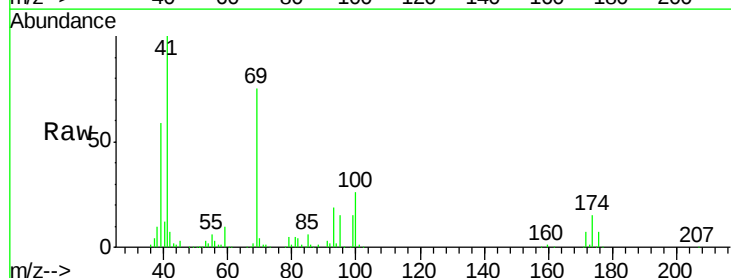
RT: 9.44 min Scan# 1288

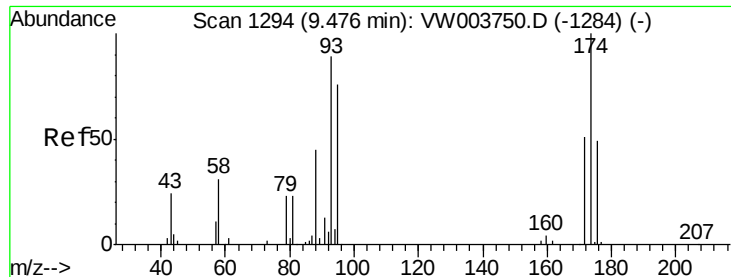
Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	41	Resp:	116191
Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.8	95.8
39	64.0	50.2	75.2





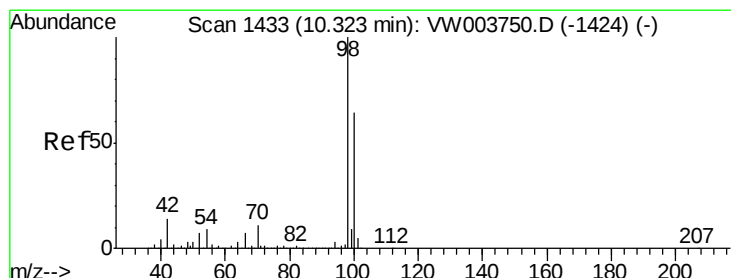
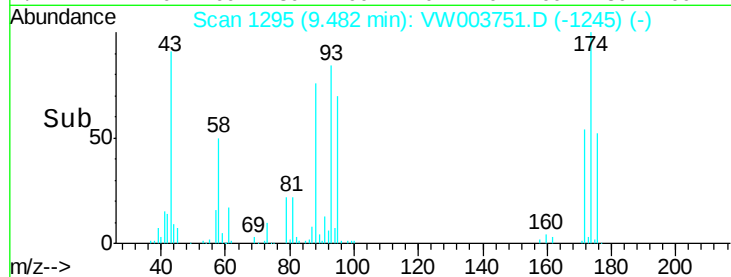
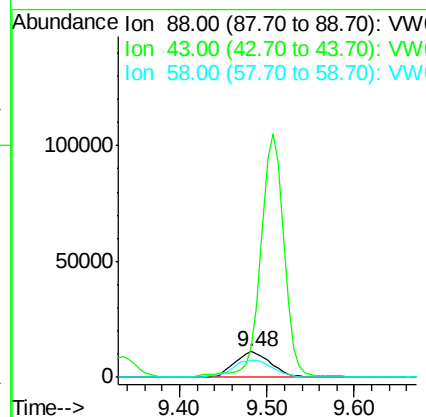
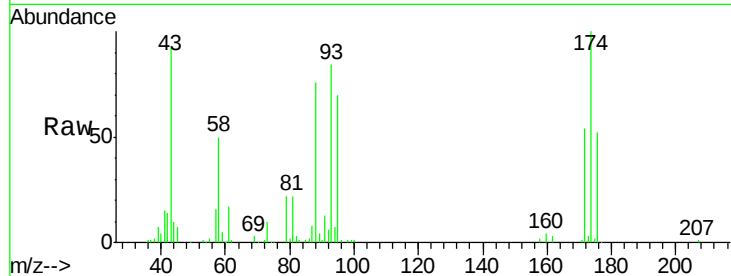
#49
 1,4-Dioxane
 Concen: 1485.08 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
88	100	31811		
43	0.0	0.0	0.0	0.0
58	75.0	59.7	89.5	

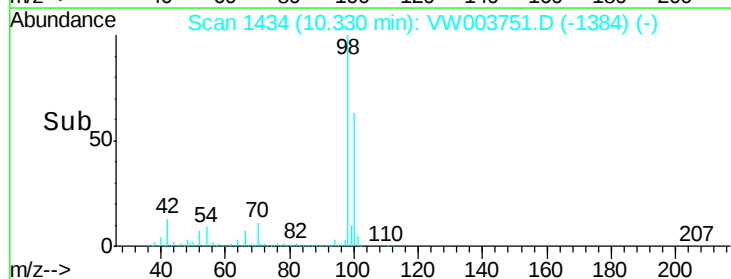
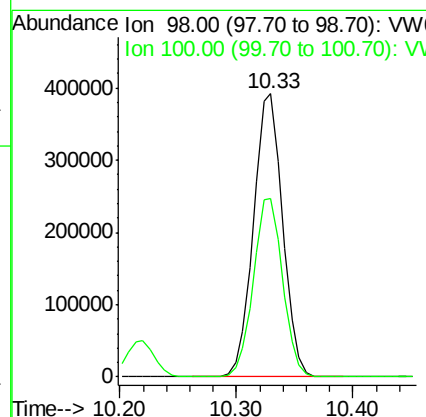
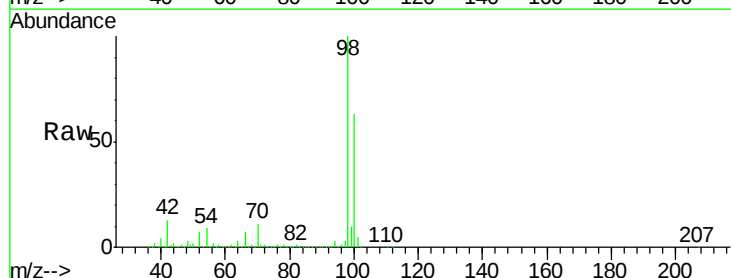
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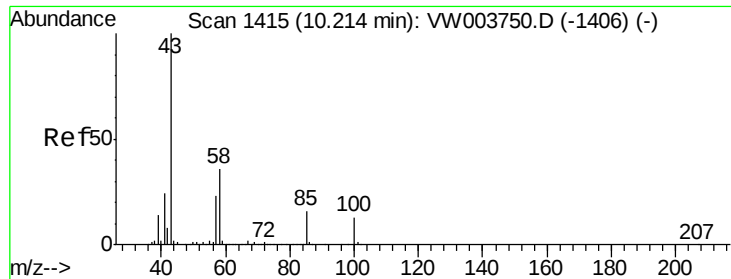
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#50
 Toluene-d8
 Concen: 74.86 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	685098		
100	63.4	50.8	76.2	





#51

4-Methyl-2-Pentanone

Concen: 361.17 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 636993

Ion Ratio Lower Upper

43 100

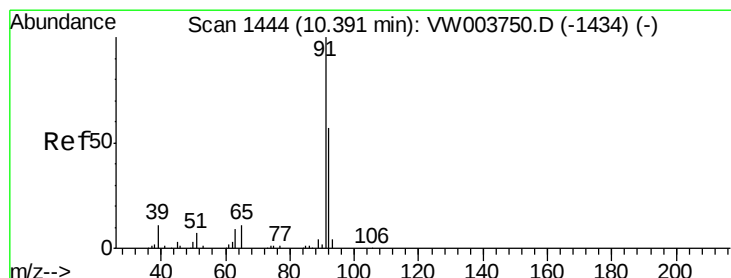
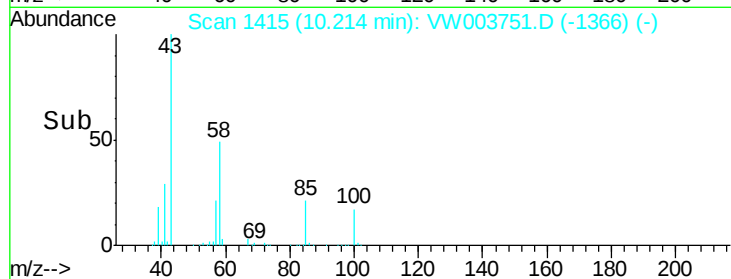
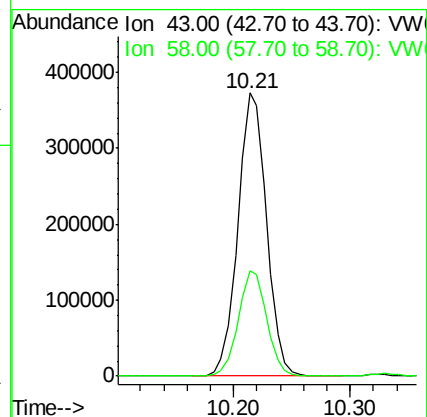
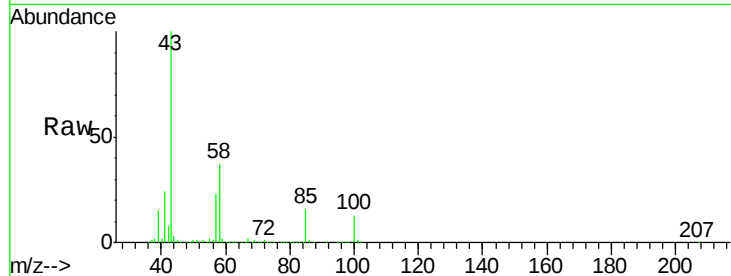
58 37.0 29.3 43.9

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#52

Toluene

Concen: 74.15 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003751.D

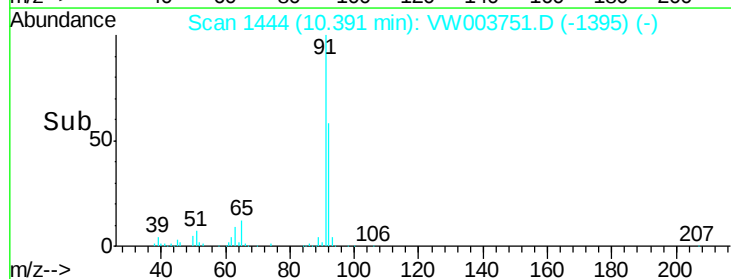
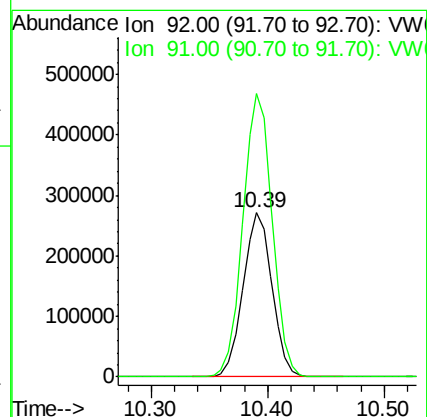
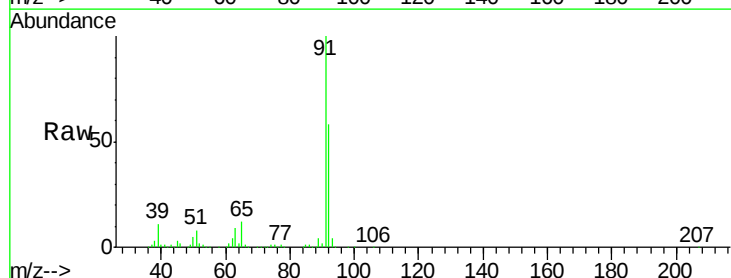
Acq: 07 Jul 2018 00:32

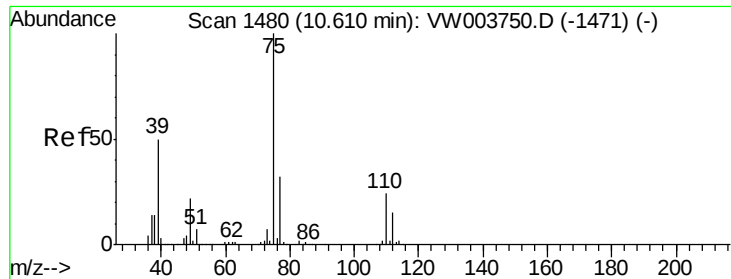
Tgt Ion: 92 Resp: 468239

Ion Ratio Lower Upper

92 100

91 175.0 140.6 211.0





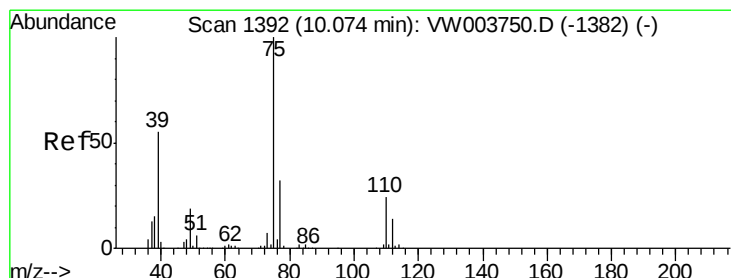
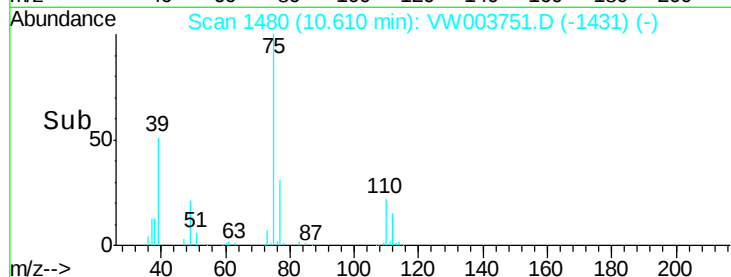
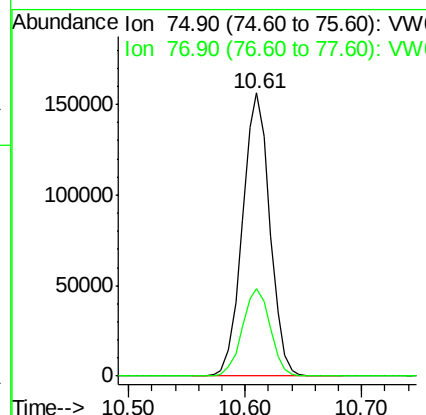
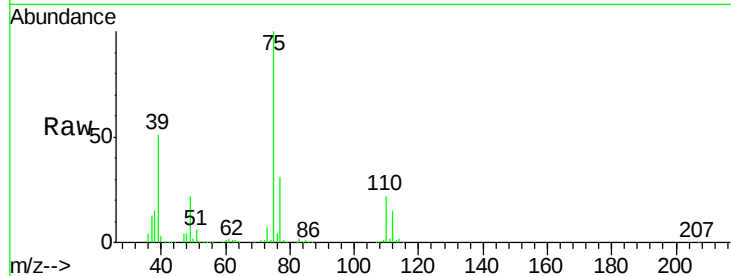
#53
t-1,3-Dichloropropene
Concen: 73.15 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 75 Resp: 256094
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3

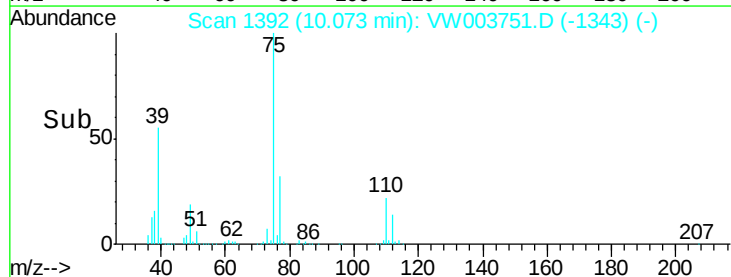
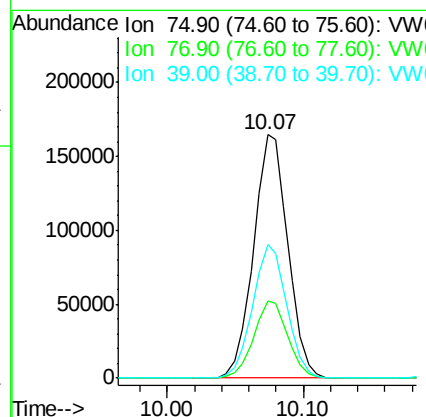
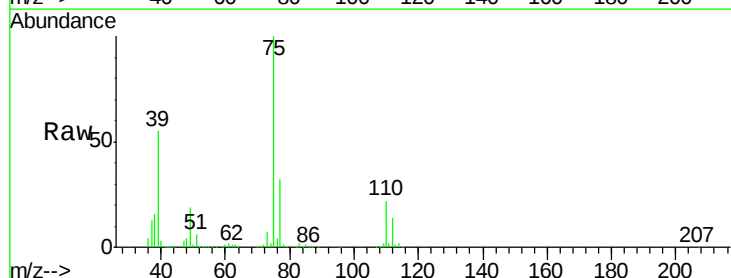
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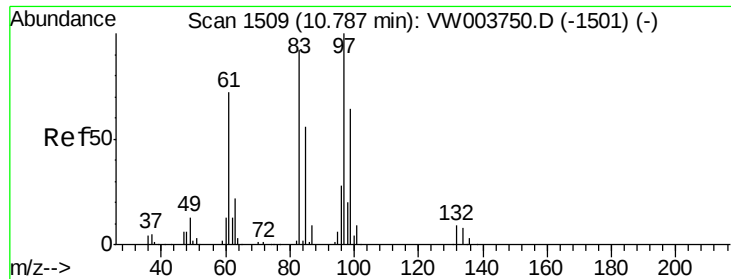
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#54
cis-1,3-Dichloropropene
Concen: 73.45 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion: 75 Resp: 290697
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 55.0 43.6 65.4





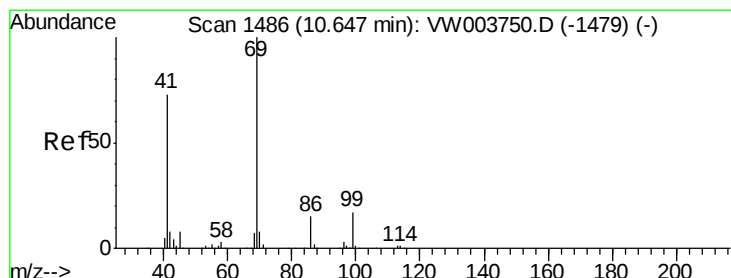
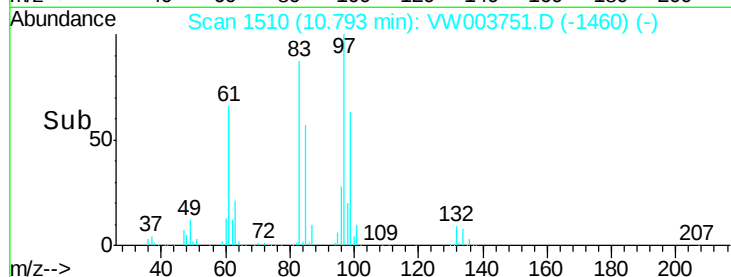
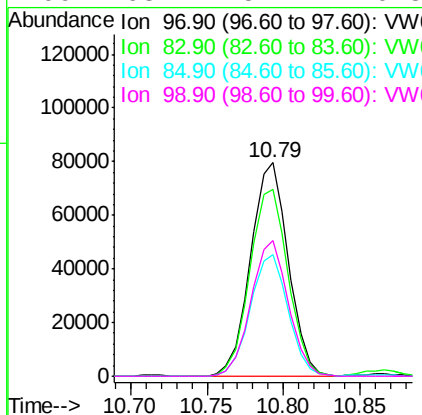
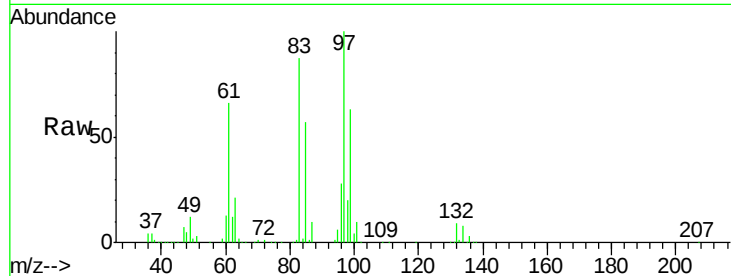
#55
 1,1,2-Trichloroethane
 Concen: 70.67 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion:	97	Resp:	136617
Ion	Ratio	Lower	Upper
97	100		
83	87.4	73.8	110.6
85	57.2	45.0	67.4
99	63.4	51.2	76.8

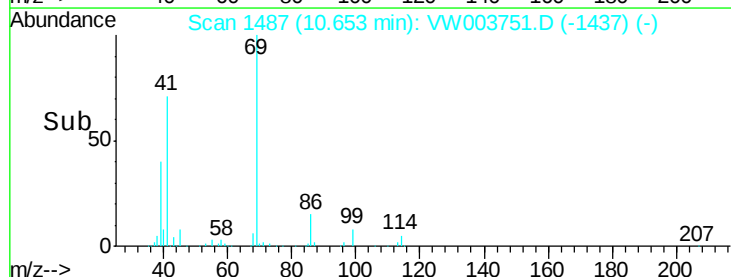
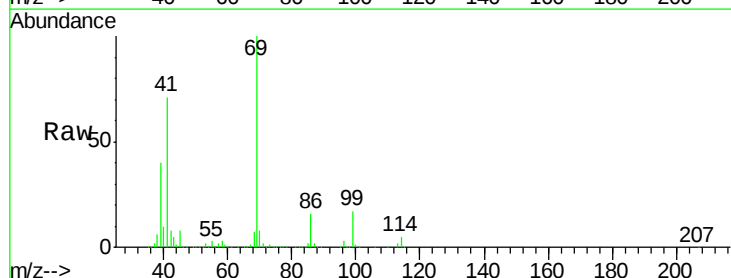
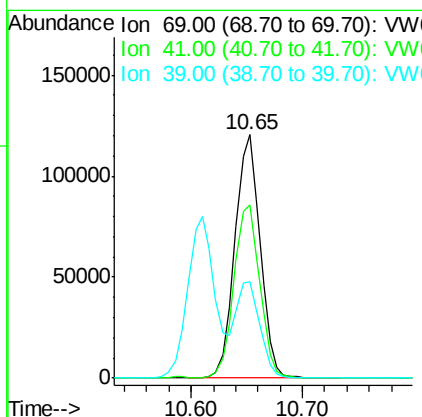
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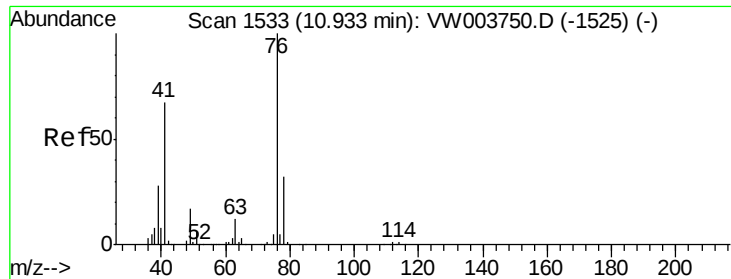
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#56
 Ethyl methacrylate
 Concen: 77.72 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion:	69	Resp:	189231
Ion	Ratio	Lower	Upper
69	100		
41	72.4	59.0	88.4
39	36.6	32.8	49.2





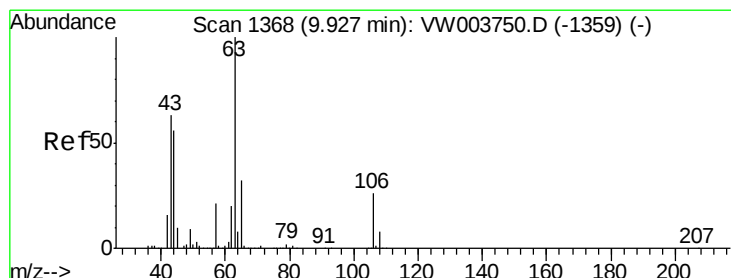
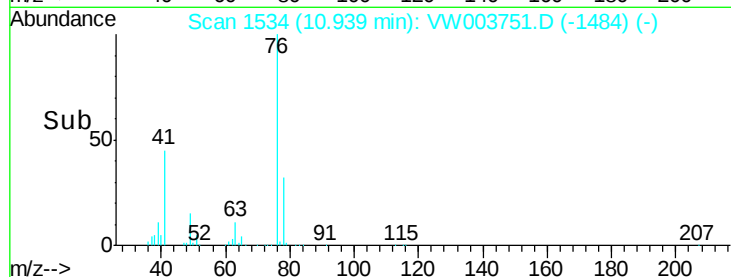
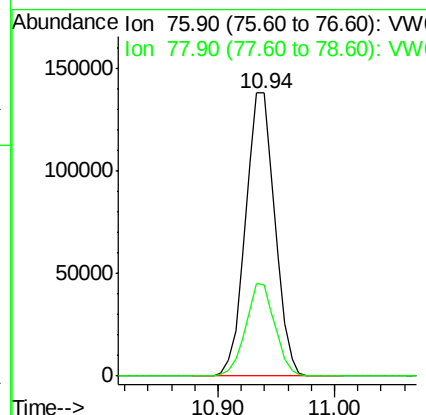
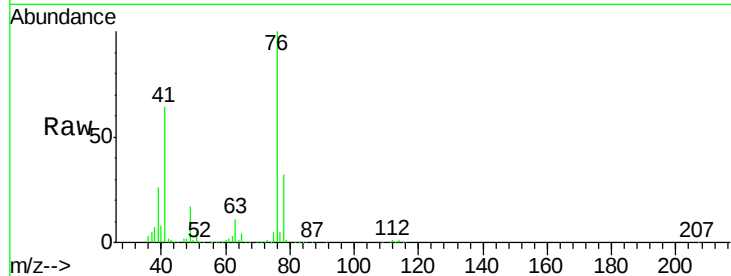
#57
 1,3-Dichloropropane
 Concen: 72.39 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion: 76 Resp: 243512
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

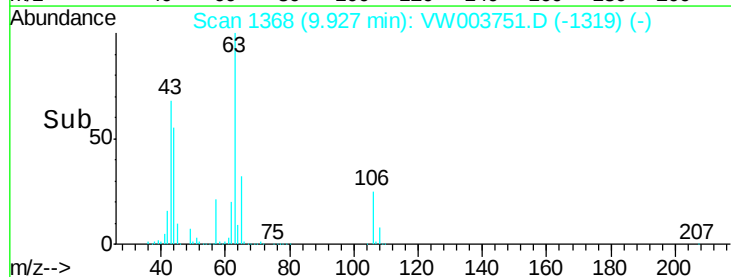
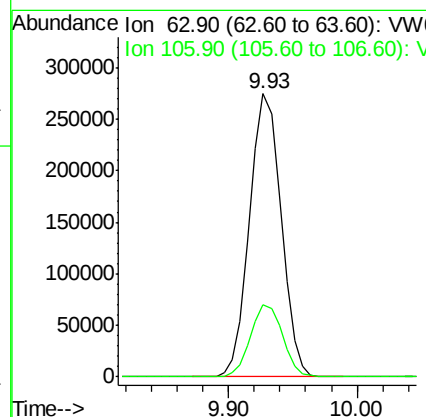
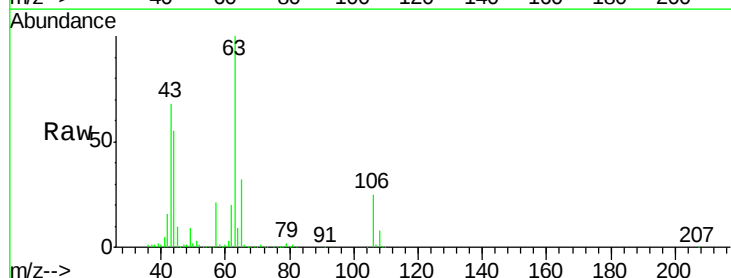
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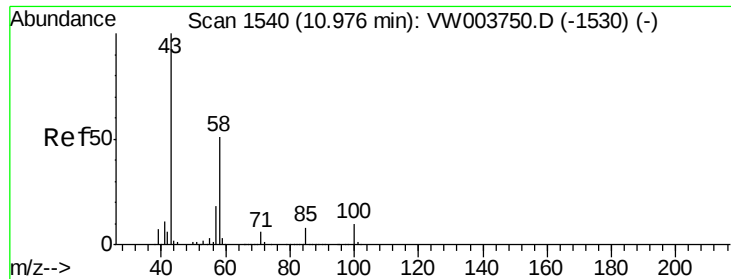
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#58
 2-Chloroethyl Vinyl ether
 Concen: 431.12 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion: 63 Resp: 466346
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3





#59

2-Hexanone

Concen: 355.26 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 445951

Ion Ratio Lower Upper

43 100

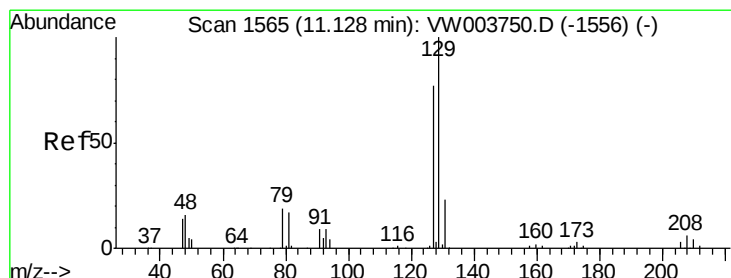
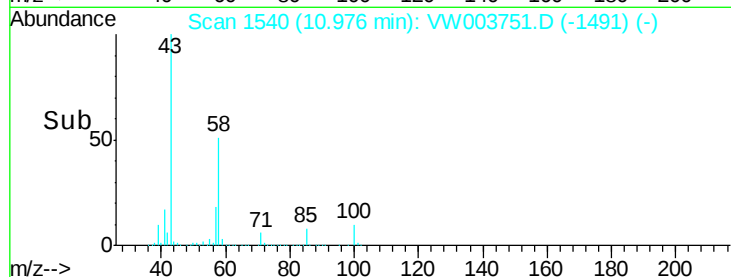
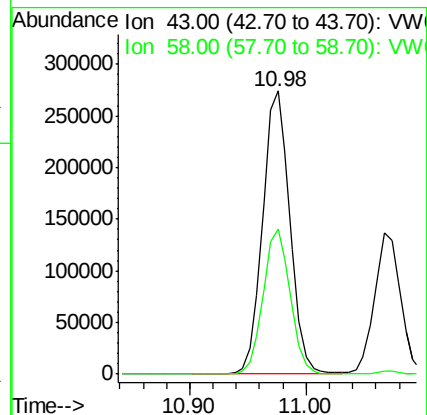
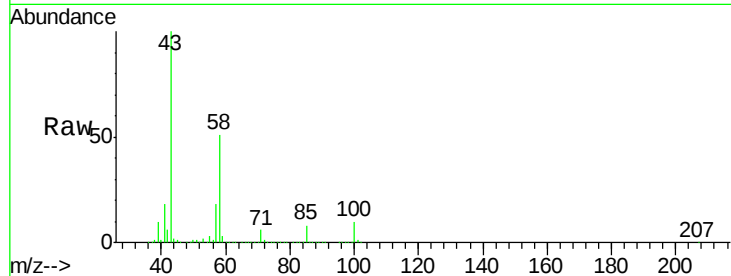
58 51.0 25.4 76.2

Manual Integrations

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#60

Dibromochloromethane

Concen: 73.14 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VW003751.D

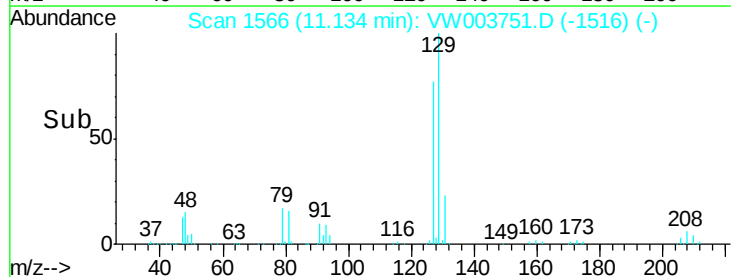
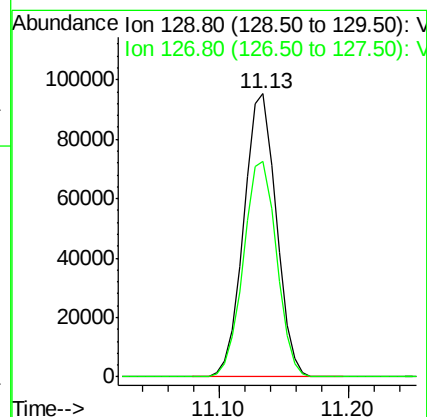
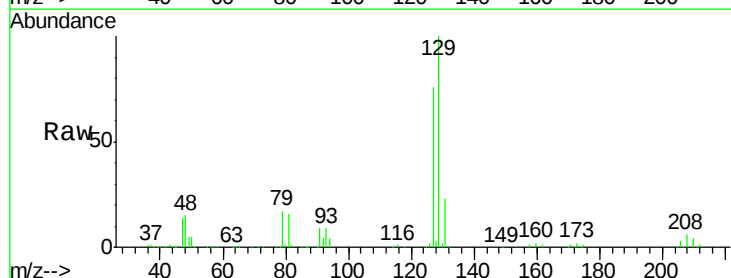
Acq: 07 Jul 2018 00:32

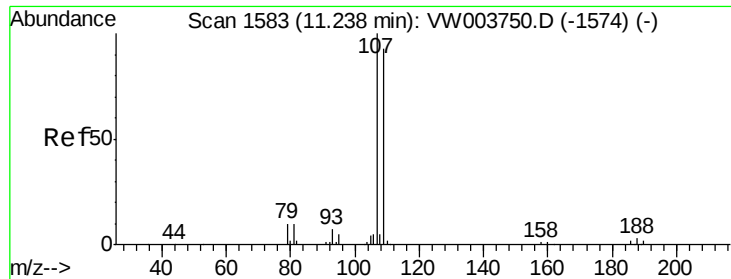
Tgt Ion: 129 Resp: 165651

Ion Ratio Lower Upper

129 100

127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 71.48 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 132763

Ion Ratio Lower Upper

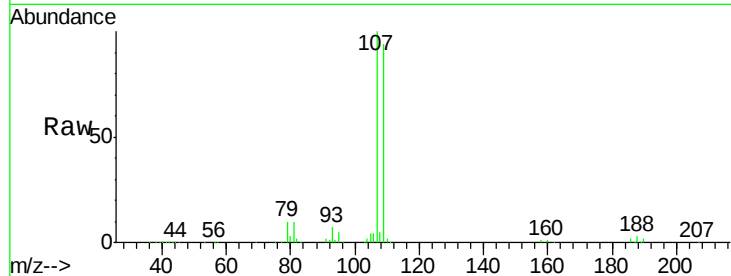
107 100

109 94.3 75.1 112.7

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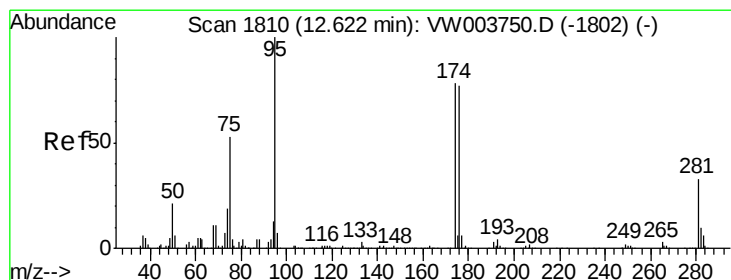
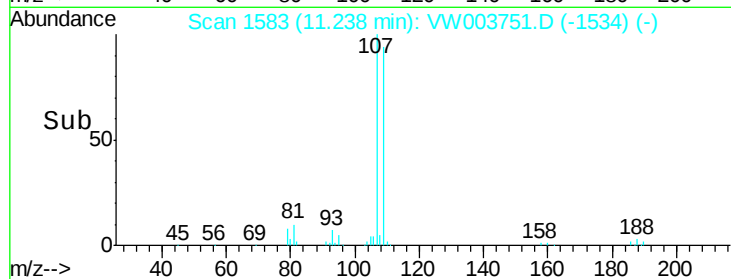
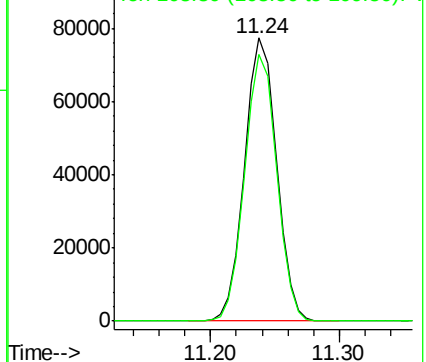
apatel

7/9/2018 10:26:08 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 75.24 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

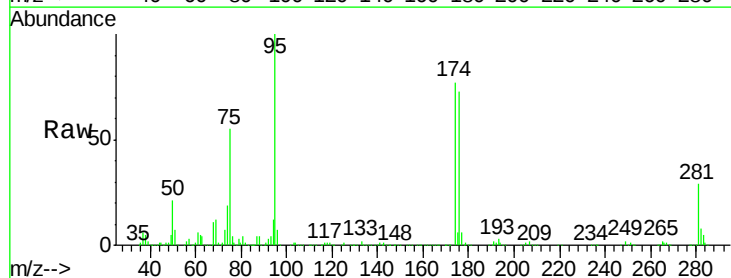
Tgt Ion: 95 Resp: 247468

Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.4

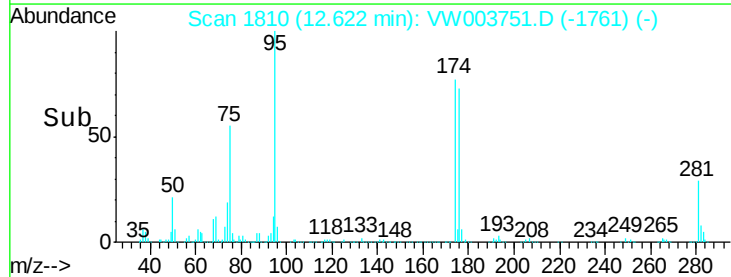
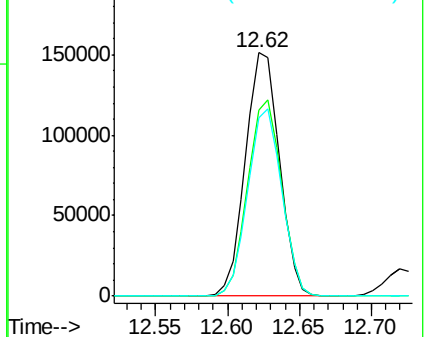
176 76.6 0.0 156.8

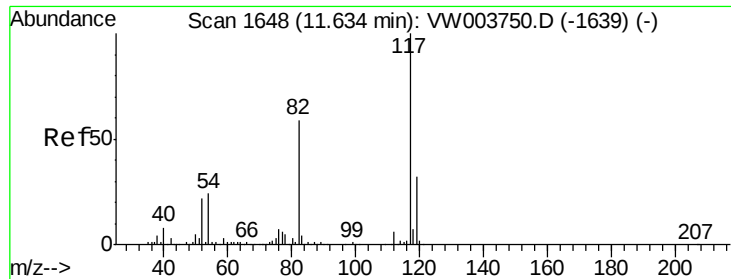


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





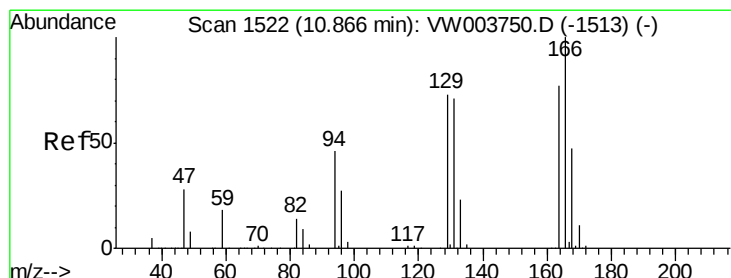
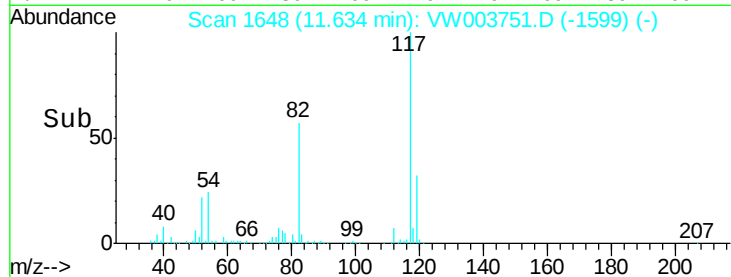
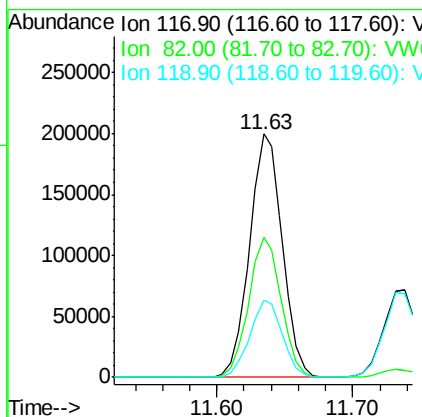
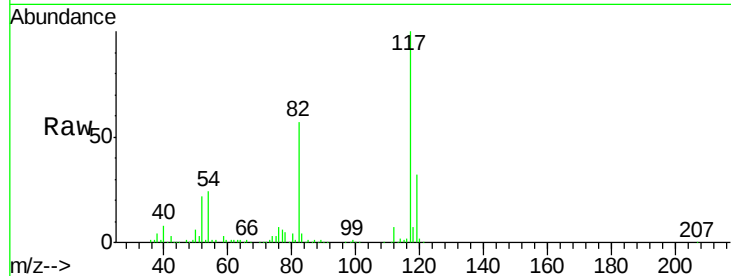
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.9	70.3
119	31.7	25.5	38.3

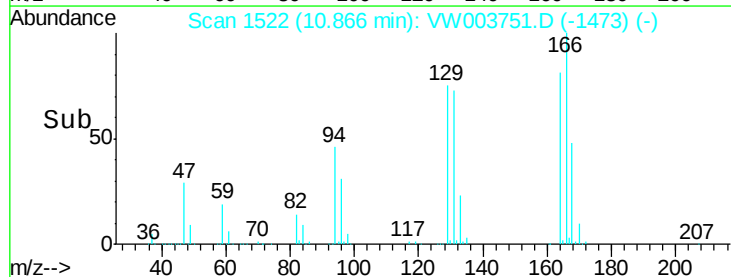
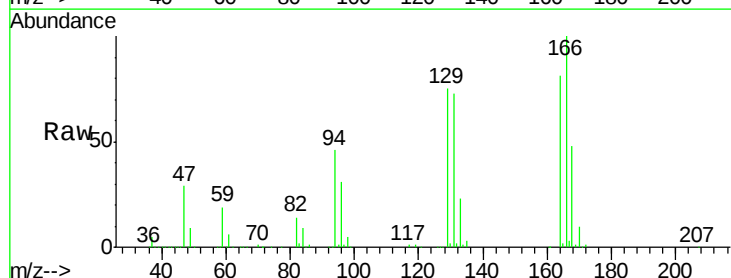
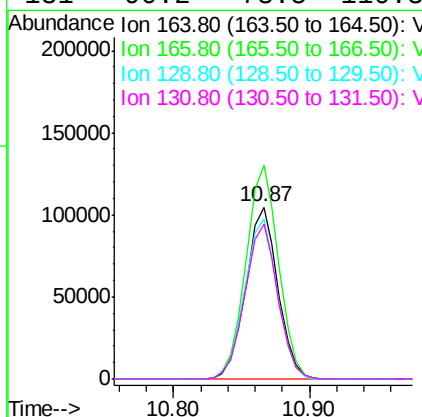
Manual Integrations
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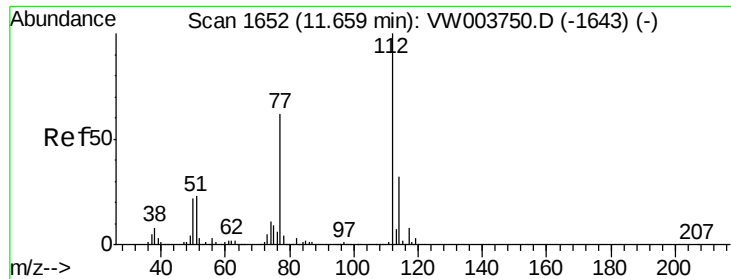
apatel
7/9/2018 10:26:08 AM



#64
Tetrachloroethene
Concen: 74.88 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	104.2	156.4
129	93.3	75.8	113.8
131	90.2	73.5	110.3





#65

Chlorobenzene

Concen: 71.38 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:112 Resp: 508813

Ion Ratio Lower Upper

112 100

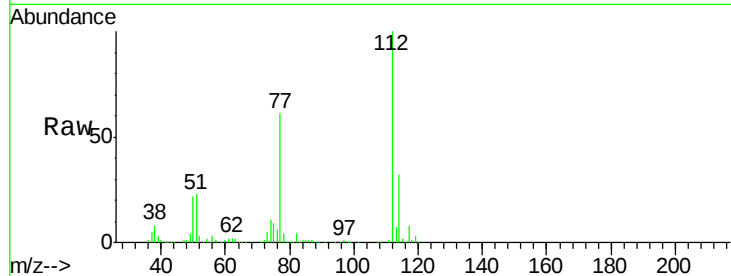
114 32.1 26.0 39.0

Manual Integrations

APPROVED

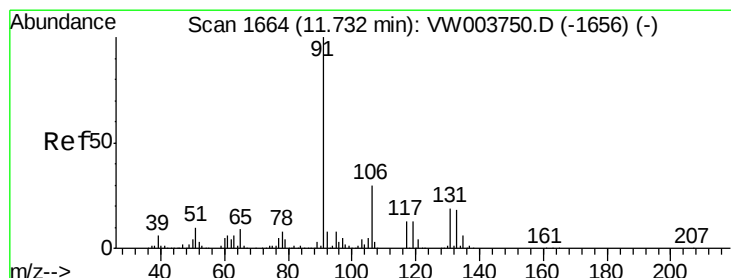
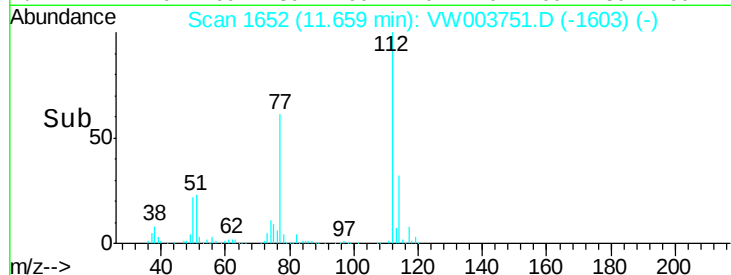
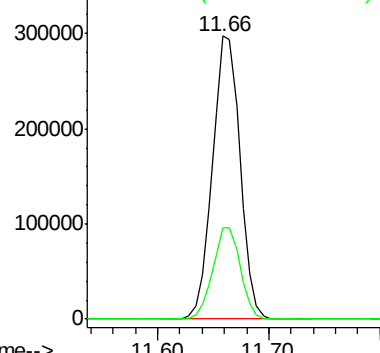
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 72.66 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

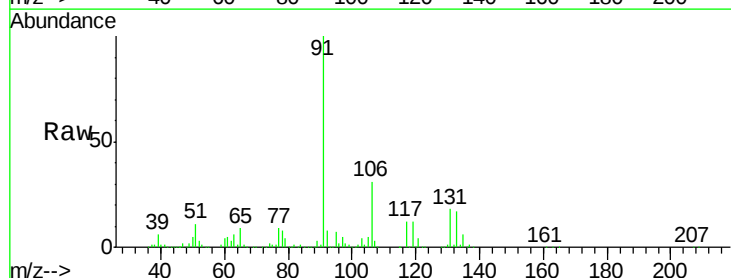
Tgt Ion:131 Resp: 180769

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

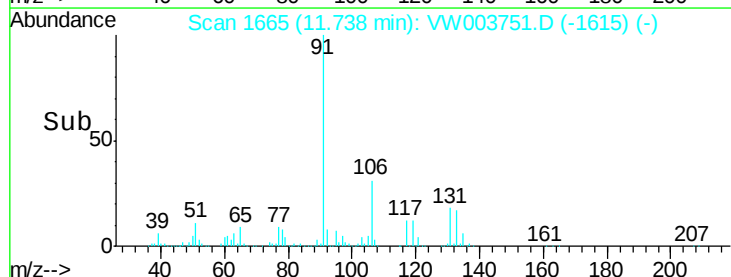
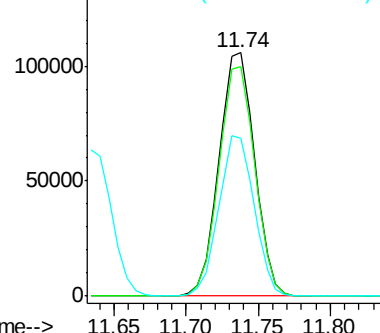
119 65.5 33.2 99.6

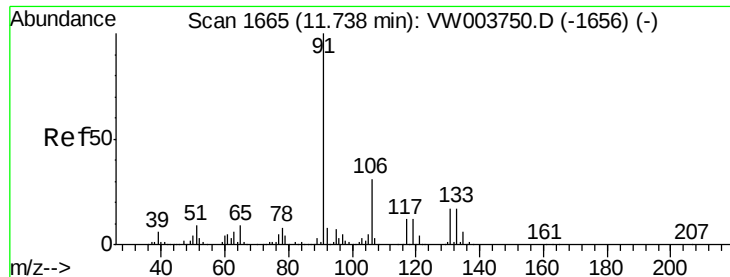


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





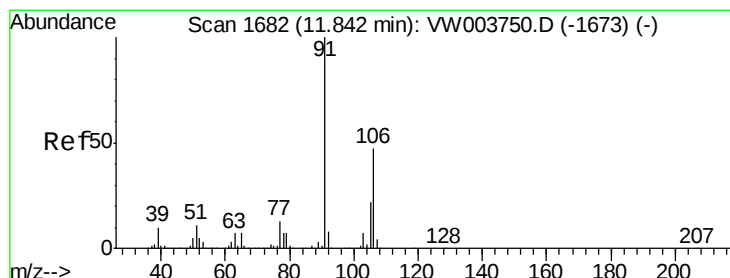
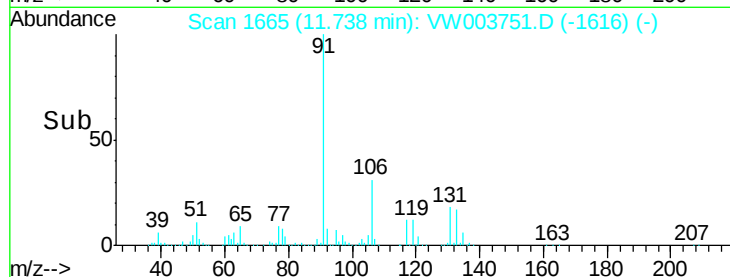
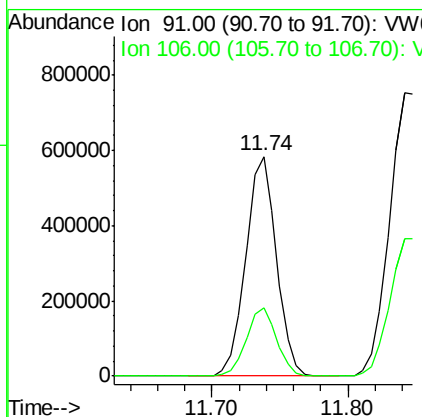
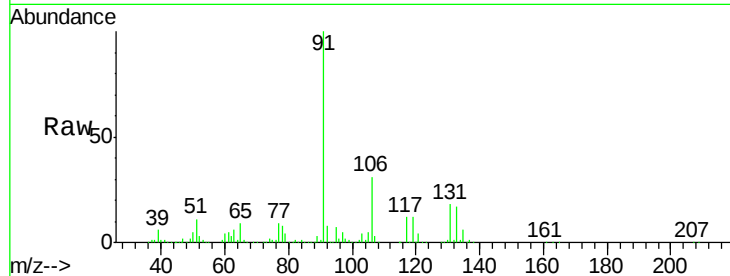
#67
Ethyl Benzene
Concen: 73.83 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 91 Resp: 918826
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

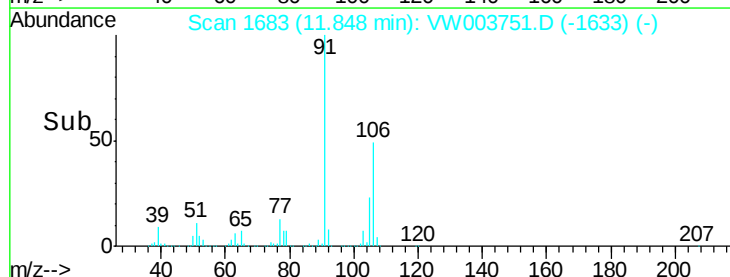
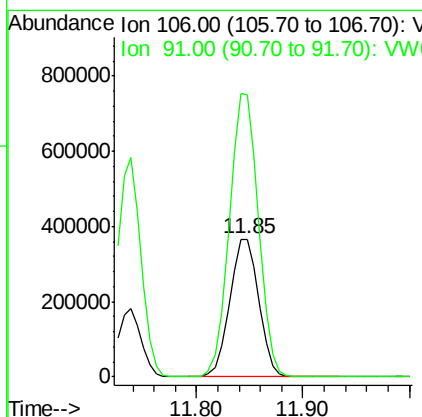
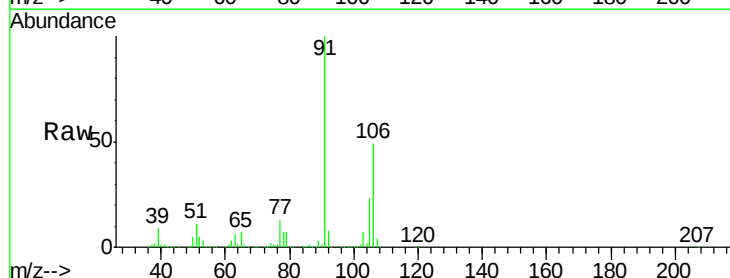
Manual Integrations
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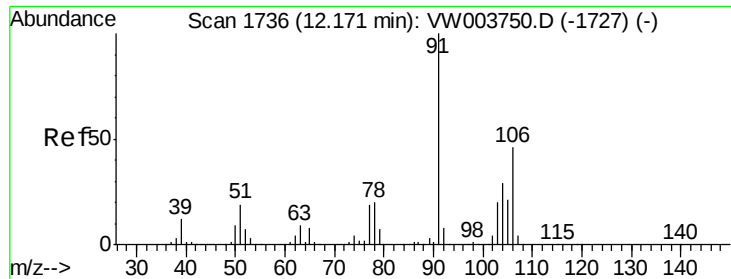
apatel
7/9/2018 10:26:08 AM



#68
m/p-Xylenes
Concen: 147.71 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion: 106 Resp: 700515
Ion Ratio Lower Upper
106 100
91 204.4 164.3 246.5





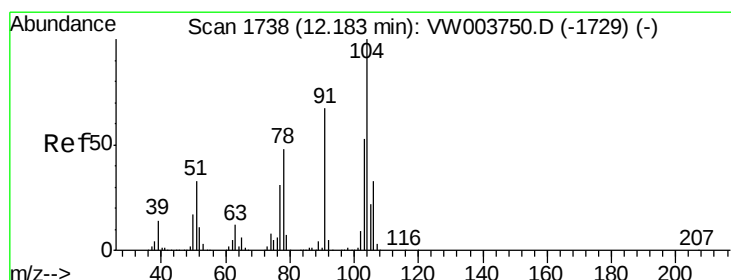
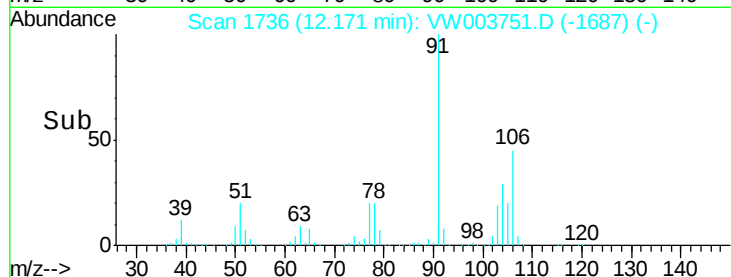
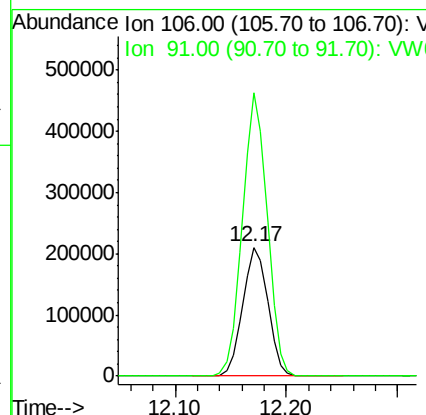
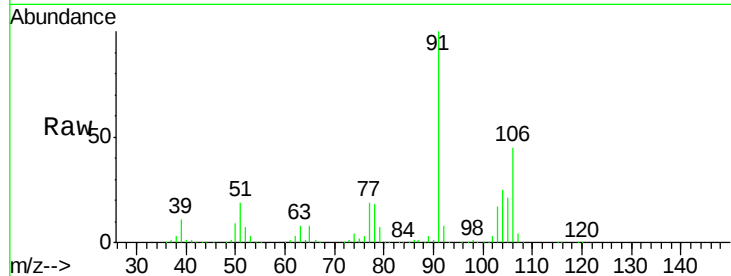
#69
o-Xylene
Concen: 74.94 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion:106 Resp: 329154
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2

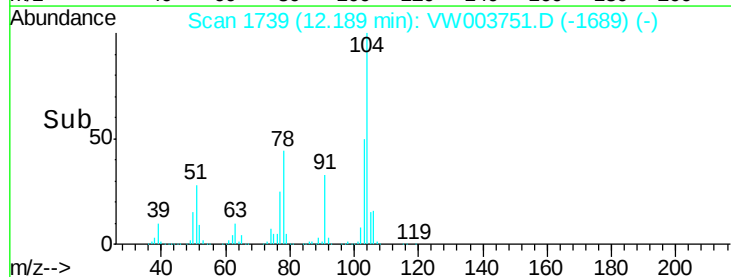
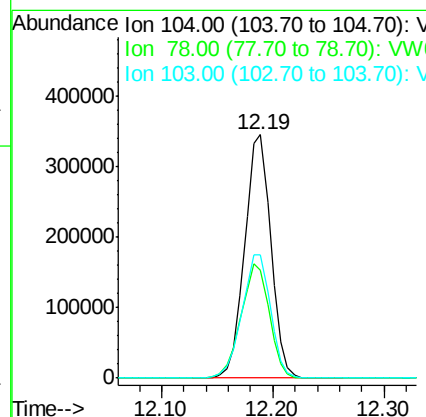
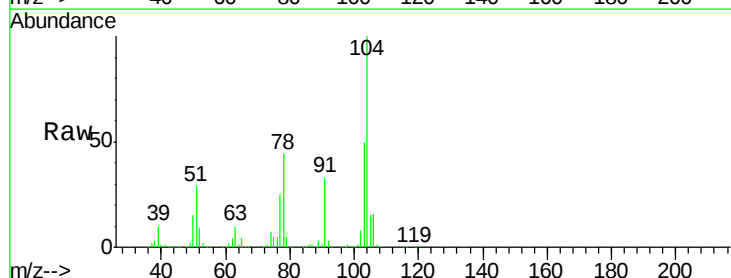
Manual Integrations
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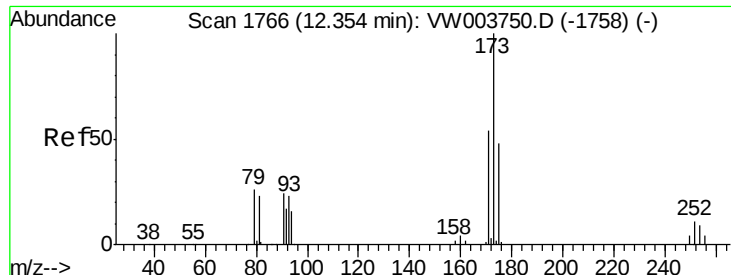
apatel
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#70
Styrene
Concen: 76.22 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion:104 Resp: 562668
Ion Ratio Lower Upper
104 100
78 50.8 41.1 61.7
103 55.3 44.6 67.0





#71

Bromoform

Concen: 72.41 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

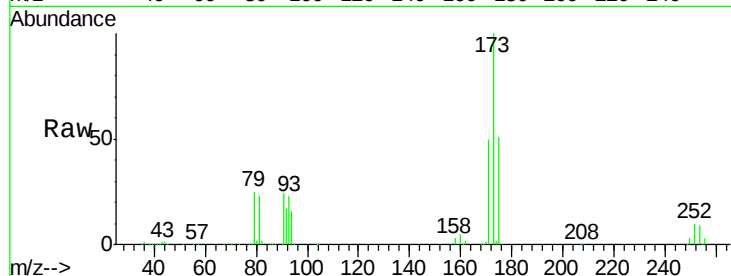
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.4
254	0.2	0.0	0.0#

Manual Integrations
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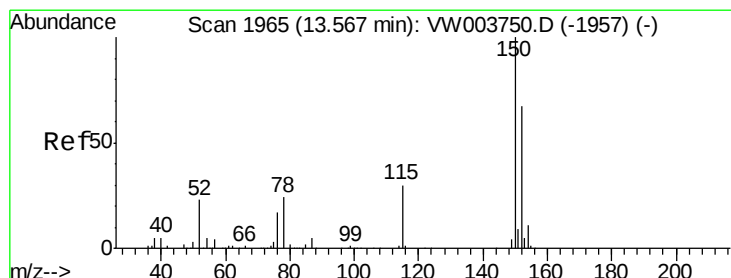
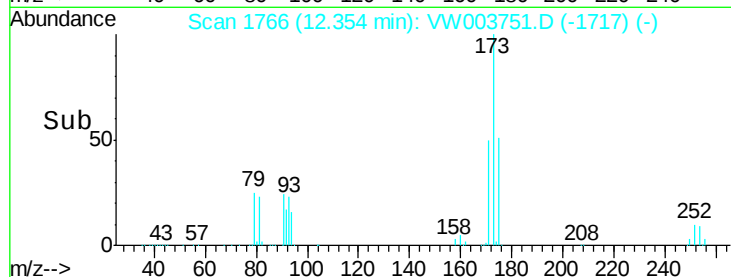
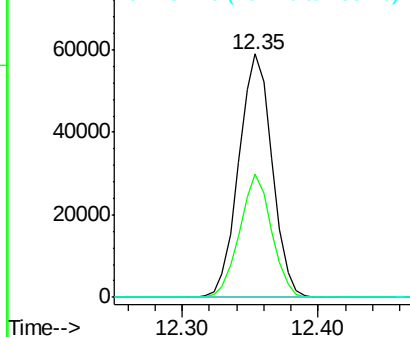


Abundance

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: VW003751.D

Acq: 07 Jul 2018 00:32

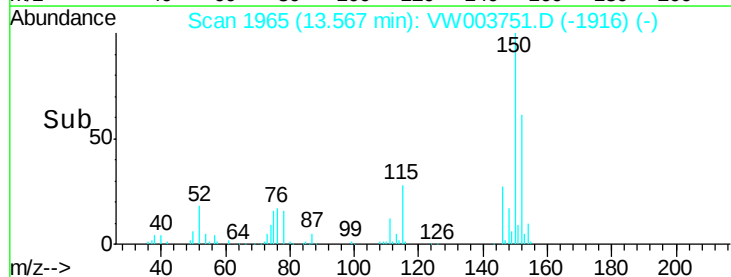
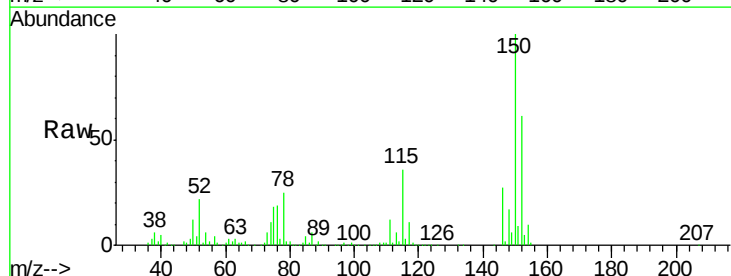
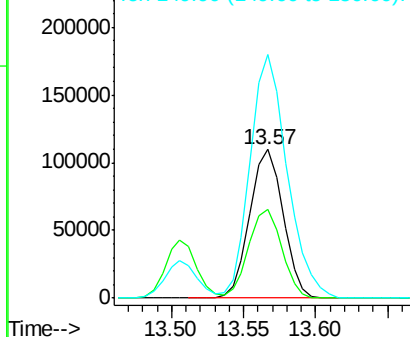
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.8
150	182.4	0.0	342.4

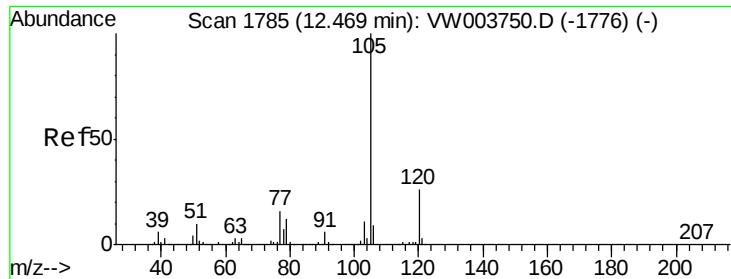
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





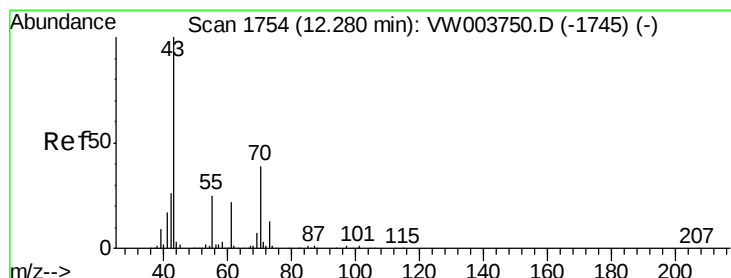
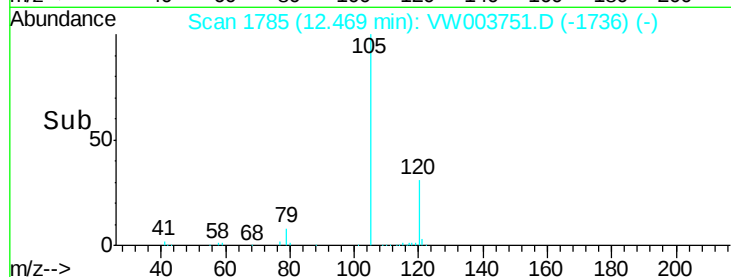
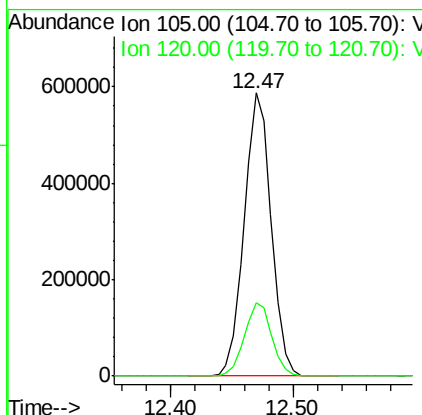
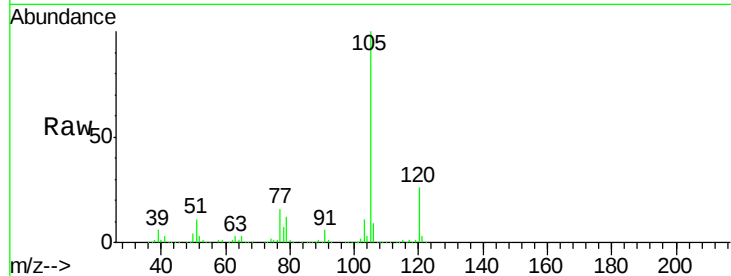
#73
Isopropylbenzene
Concen: 75.08 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

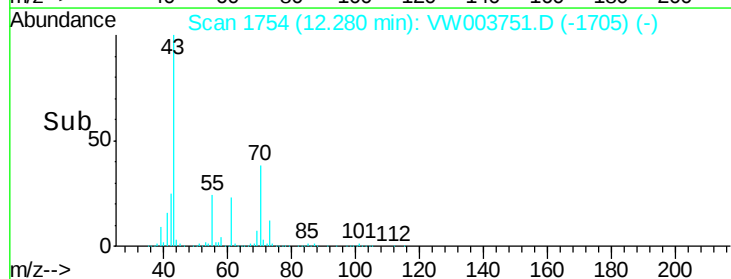
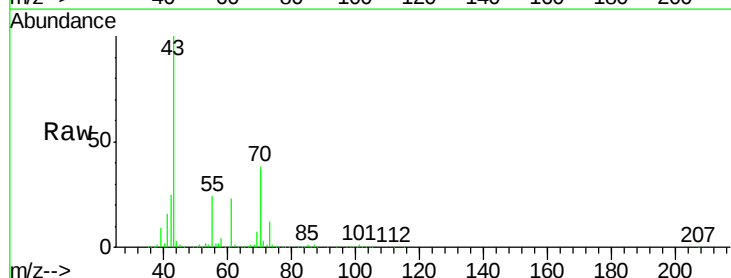
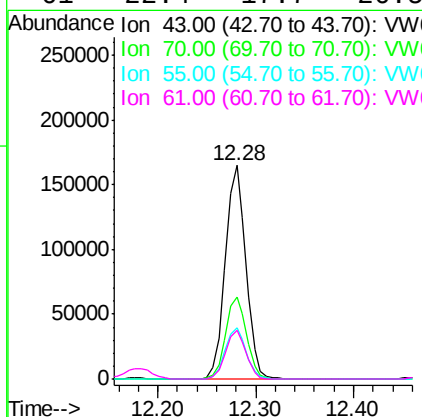
Manual Integrations
APPROVED

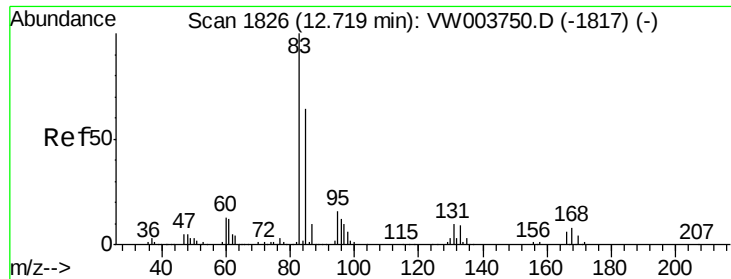
apatel
7/9/2018 10:26:08 AM



#74
N-ethyl acetate
Concen: 75.11 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.3	46.9
55	24.6	20.1	30.1
61	22.4	17.7	26.5





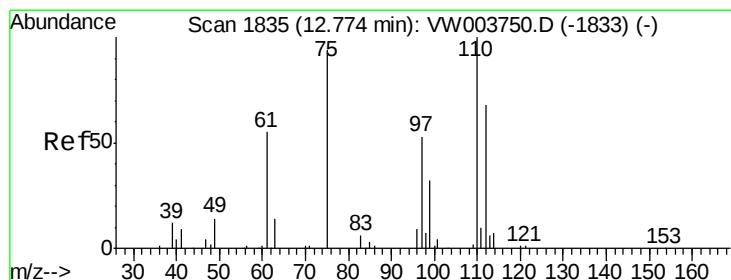
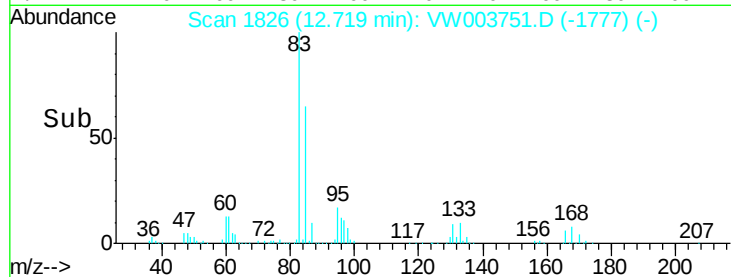
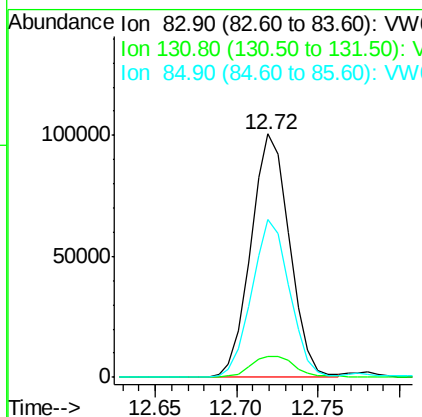
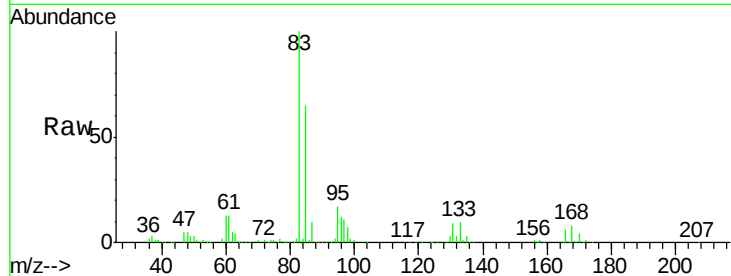
#75
 1,1,2,2-Tetrachloroethane
 Concen: 70.29 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
83	100	166406		
131	10.3	5.1	15.4	
85	63.5	32.1	96.3	

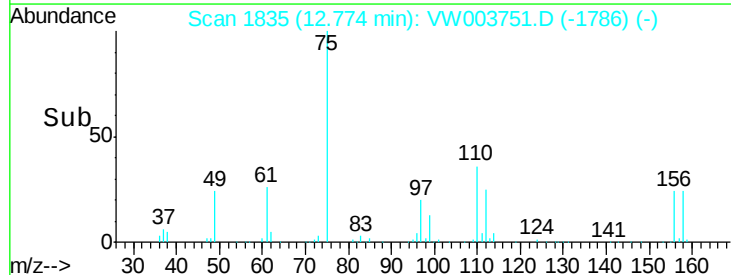
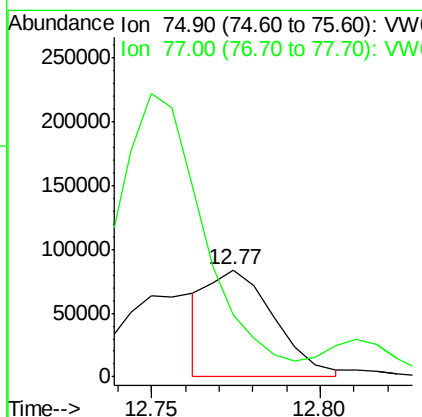
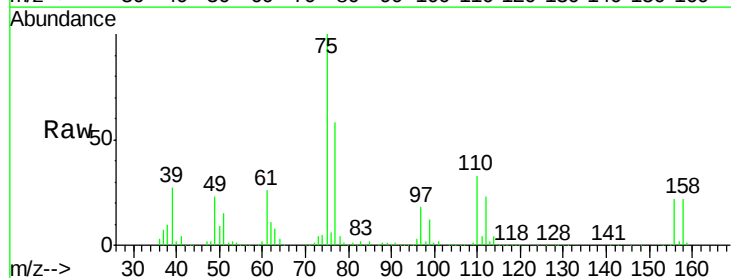
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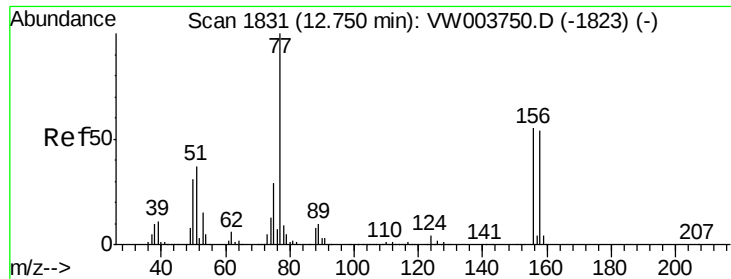
apatel
 7/9/2018 10:26:08 AM



#76
 1,2,3-Trichloropropane
 Concen: 72.31 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	114832		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 73.09 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

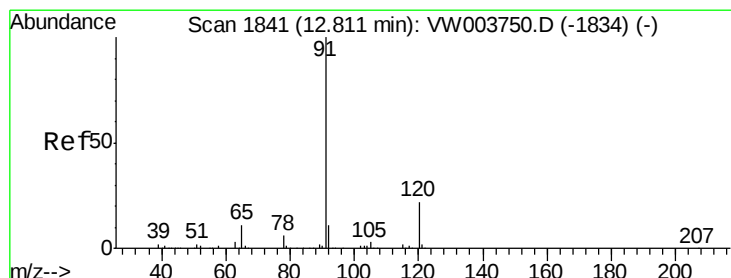
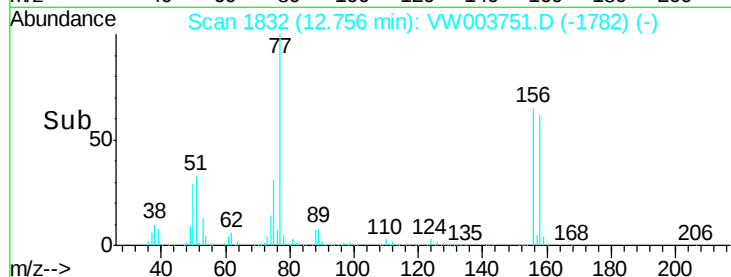
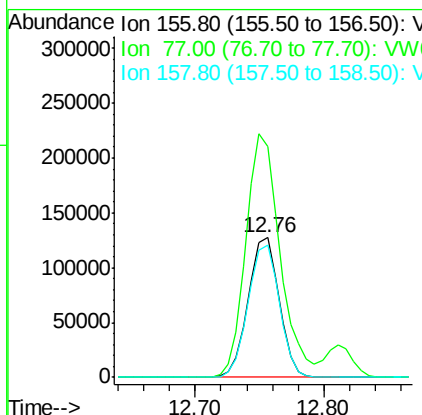
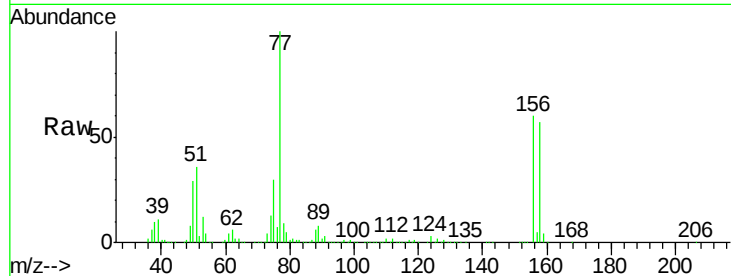
ClientSampled :

VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		210066		
77	193.5	98.7	296.0		
158	96.1	49.0	147.0		

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#78

n-propylbenzene

Concen: 74.86 ug/l

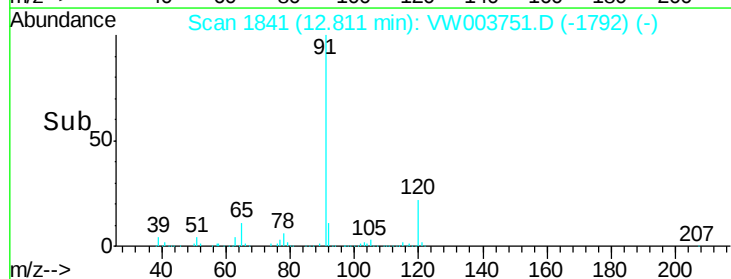
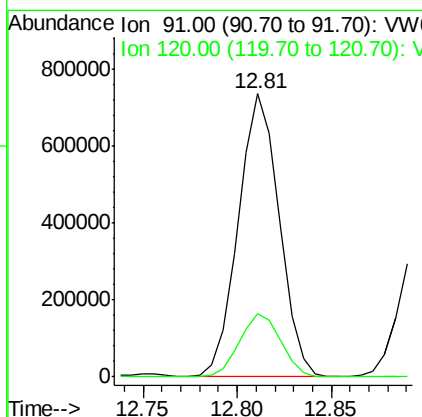
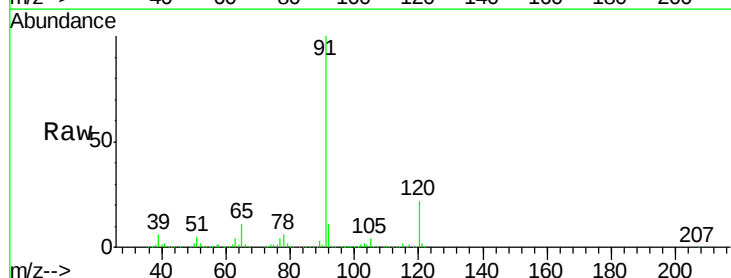
RT: 12.81 min Scan# 1841

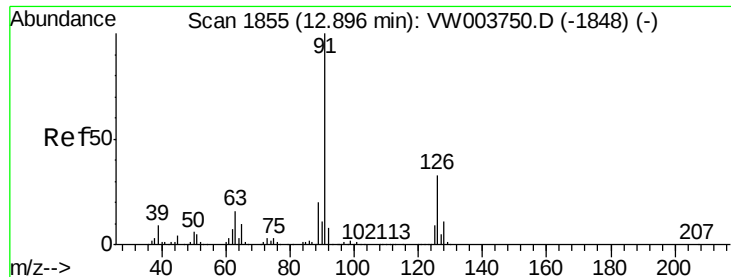
Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1107035		
120	22.5	11.2	33.6		





#79

2-Chlorotoluene

Concen: 74.85 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 629554

Ion Ratio Lower Upper

91 100

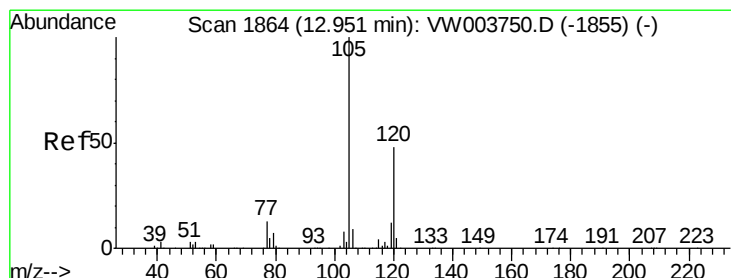
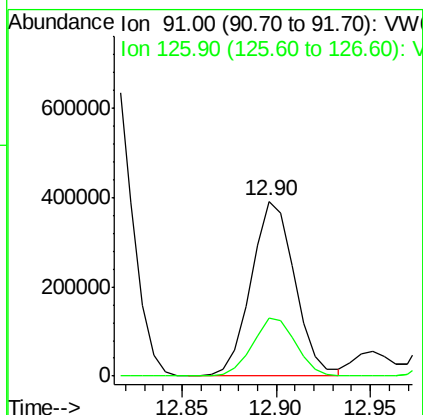
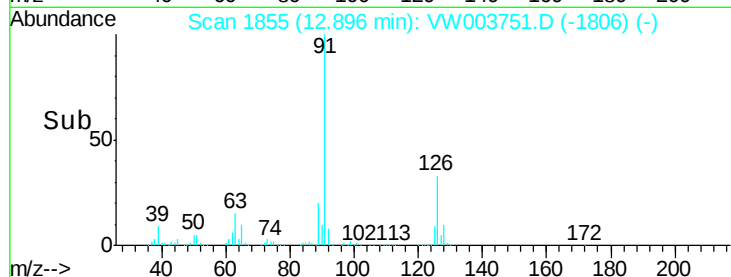
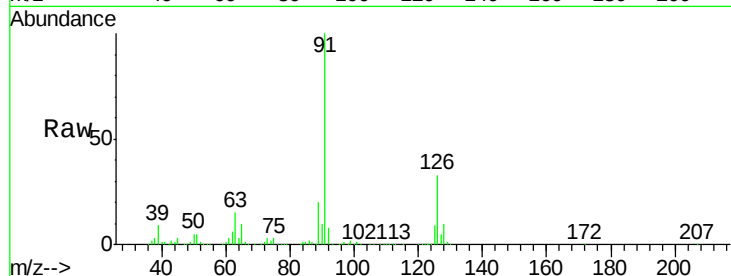
126 33.3 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 75.20 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003751.D

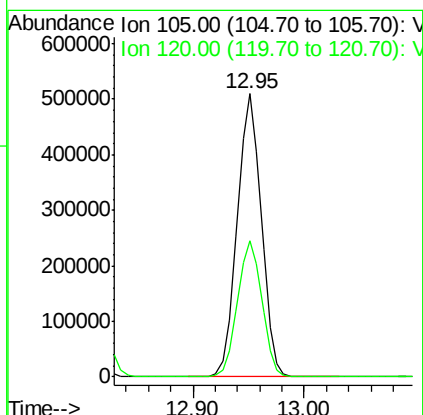
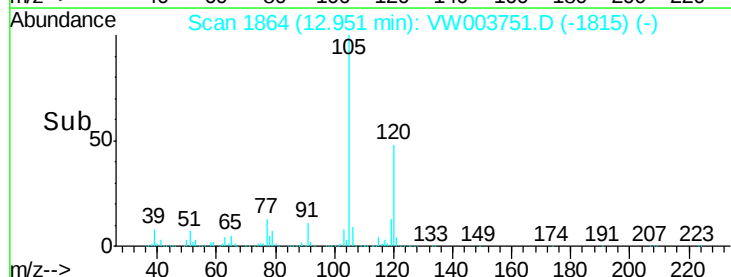
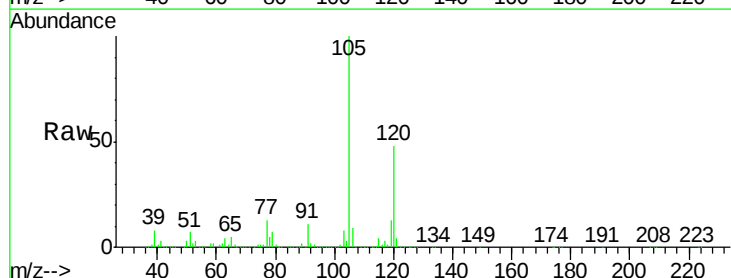
Acq: 07 Jul 2018 00:32

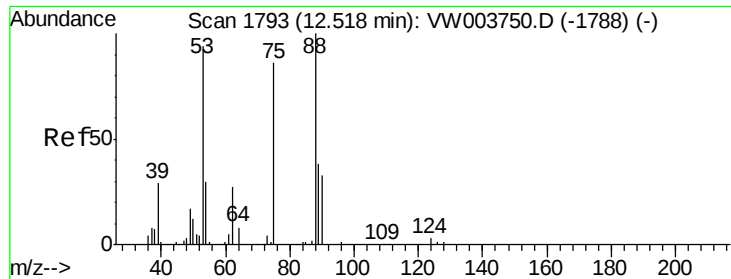
Tgt Ion:105 Resp: 762765

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6





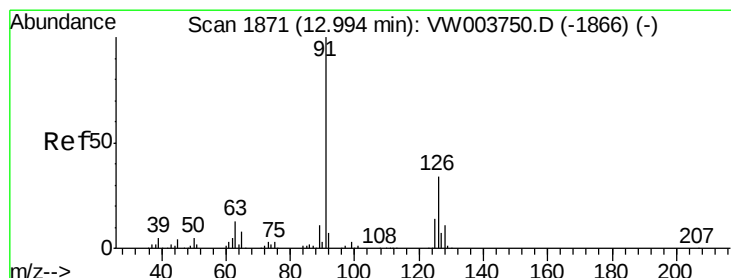
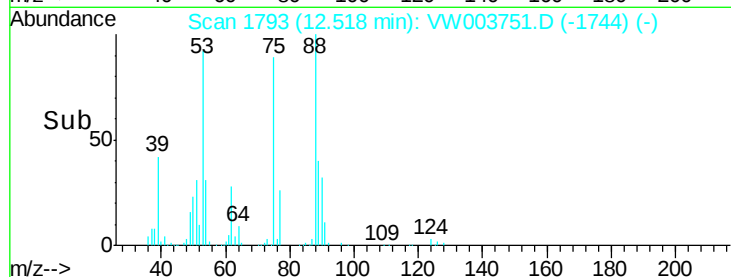
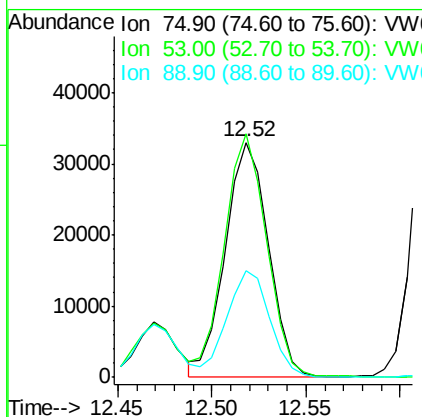
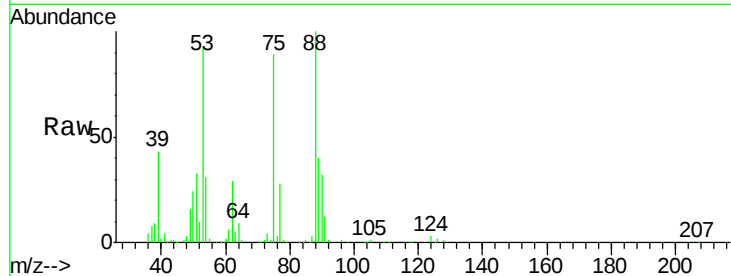
#81
trans-1,4-Dichloro-2-butene
Concen: 69.62 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	85.0	127.6
89	45.0	36.3	54.5

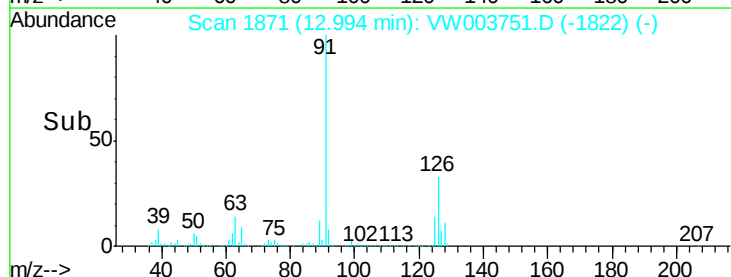
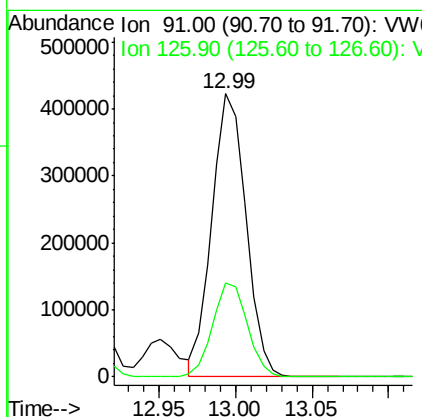
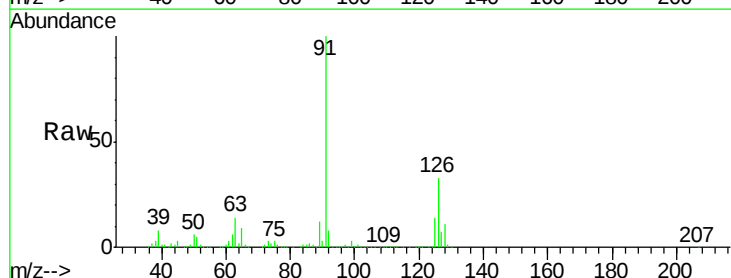
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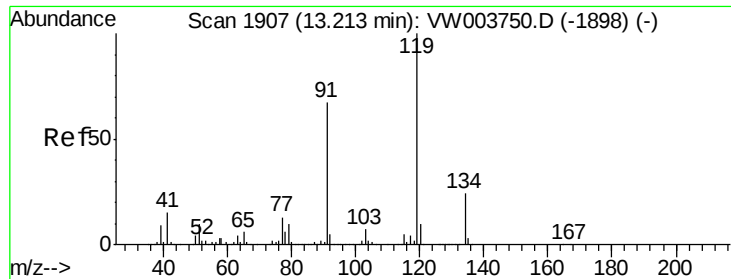
apatel
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#82
4-Chlorotoluene
Concen: 73.13 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.5	49.5





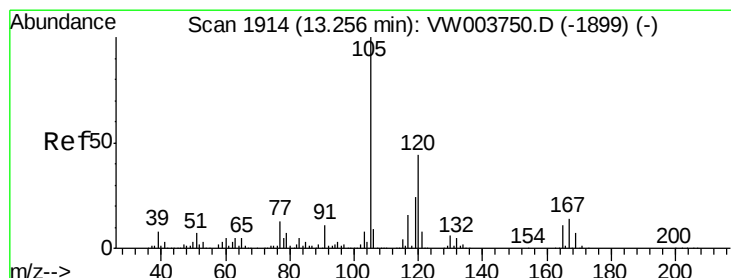
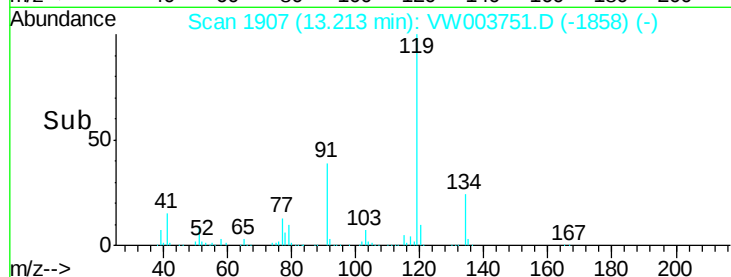
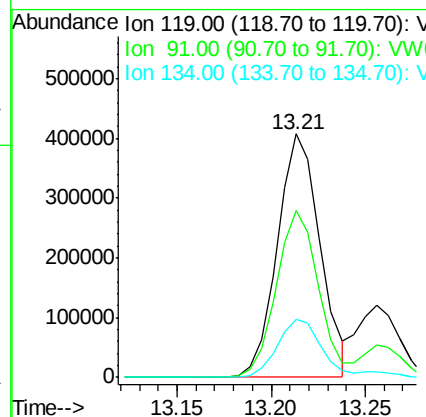
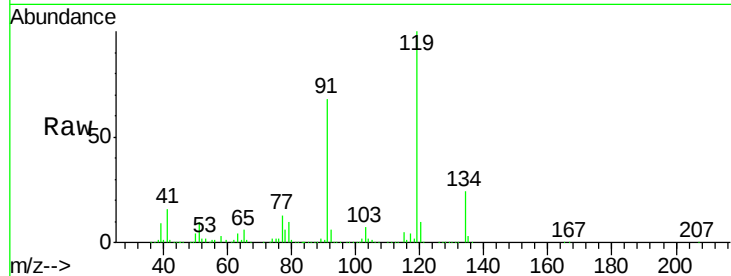
#83
 tert-Butylbenzene
 Concen: 74.81 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	33.0	98.9
134	26.1	12.8	38.4

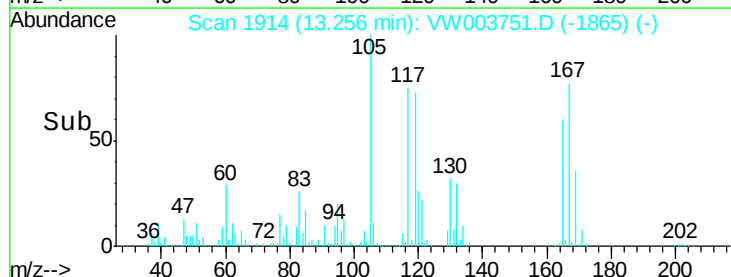
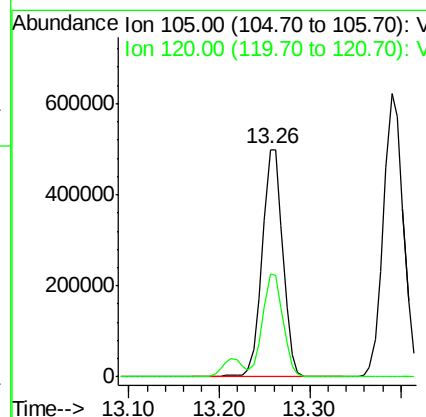
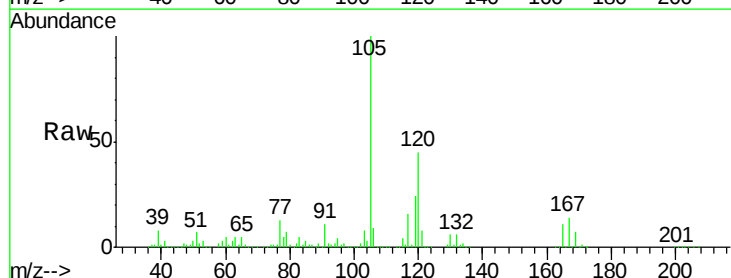
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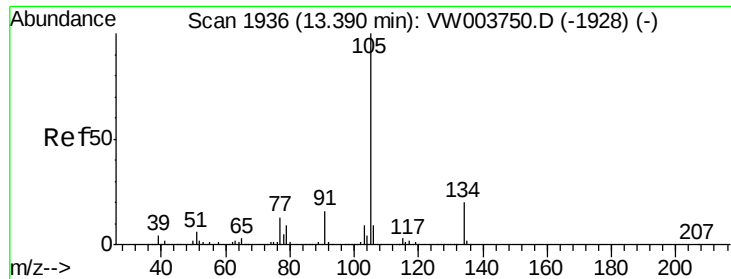
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#84
 1,2,4-Trimethylbenzene
 Concen: 75.47 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0





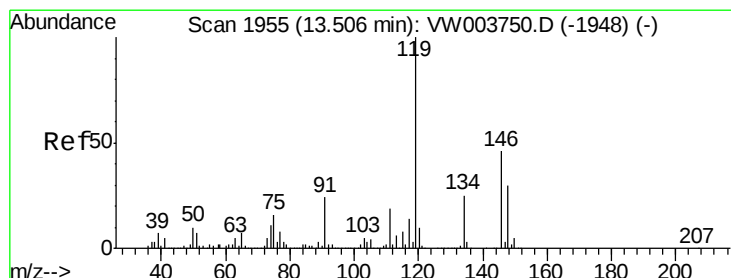
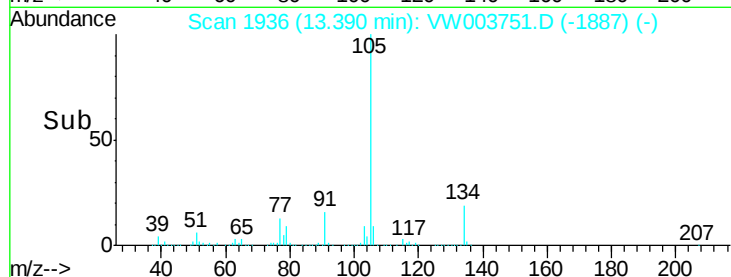
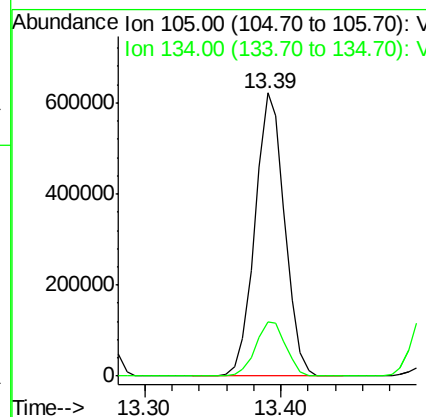
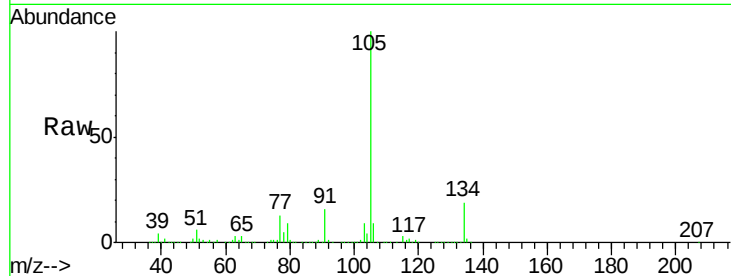
#85
 sec-Butylbenzene
 Concen: 74.78 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

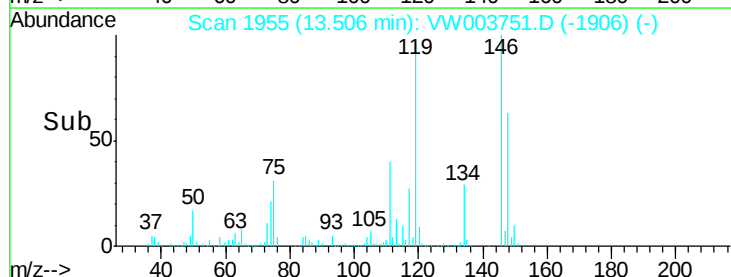
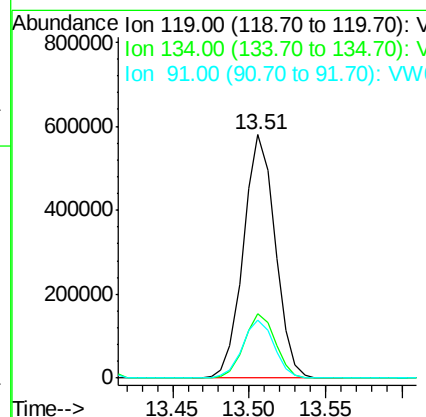
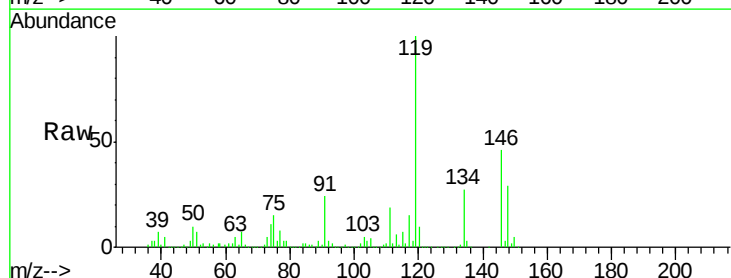
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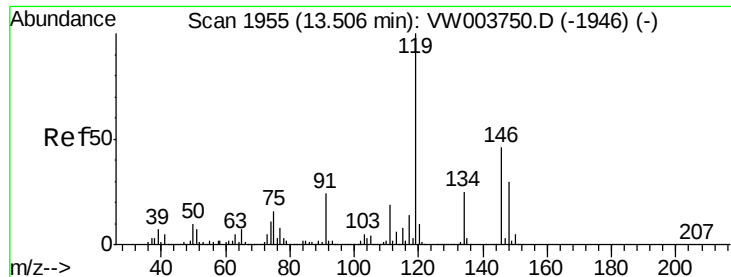
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#86
 p-Isopropyltoluene
 Concen: 75.27 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.7	11.9	35.9





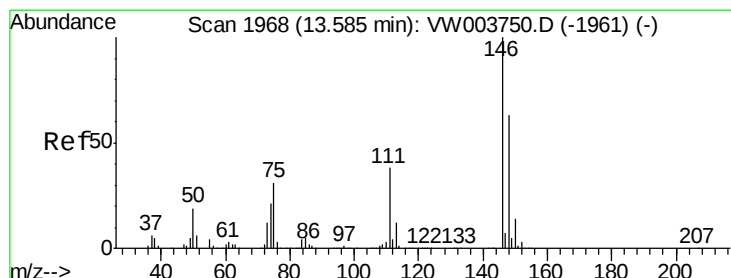
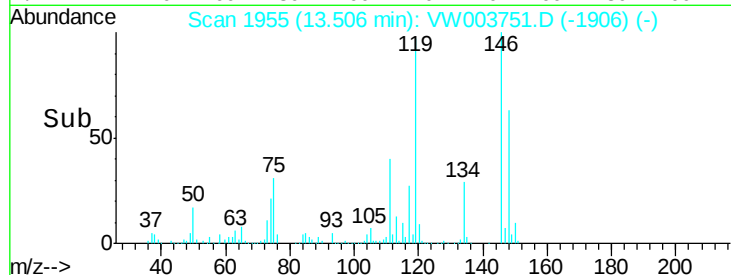
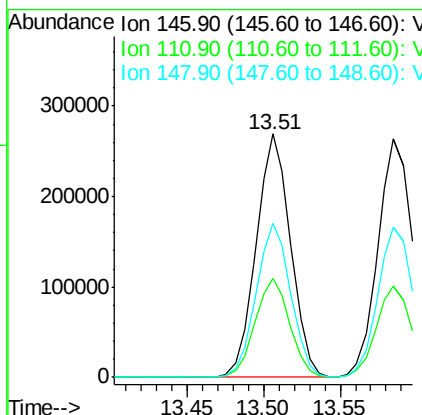
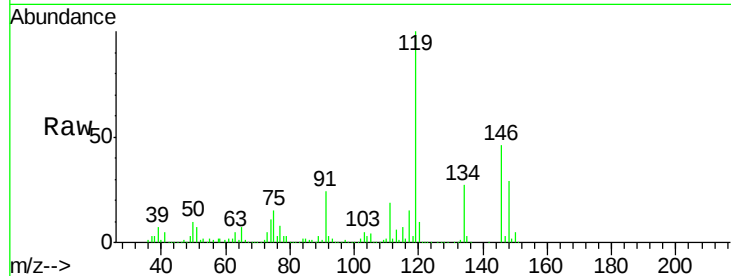
#87
 1,3-Dichlorobenzene
 Concen: 72.12 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.5	31.9	95.7

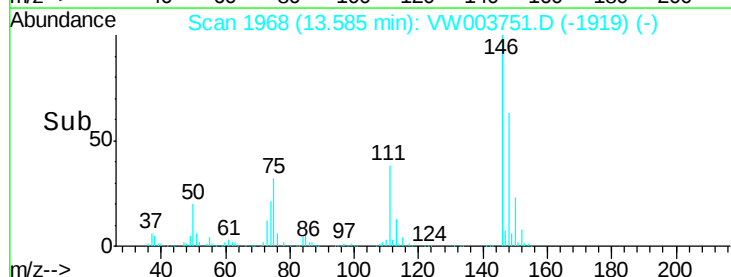
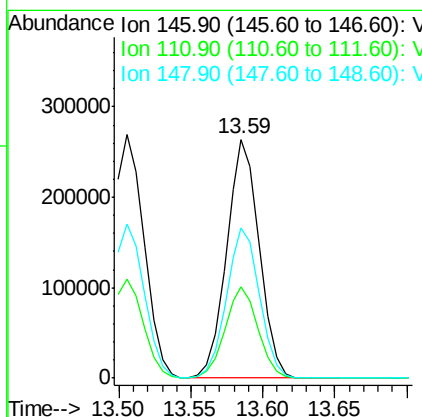
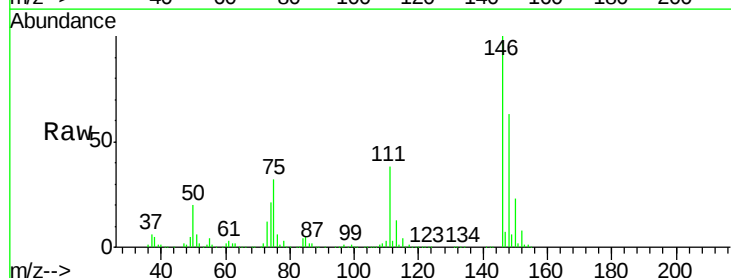
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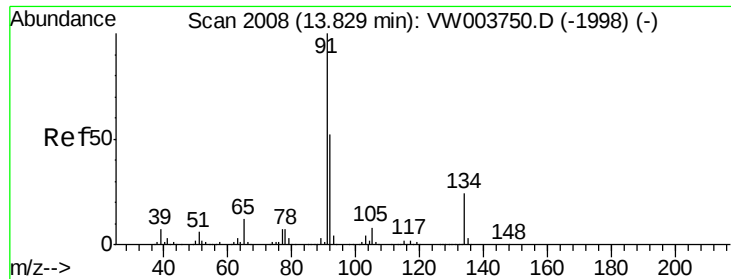
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#88
 1,4-Dichlorobenzene
 Concen: 71.29 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.4
148	63.5	31.9	95.7





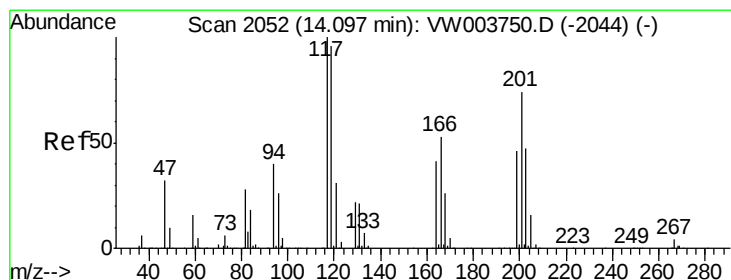
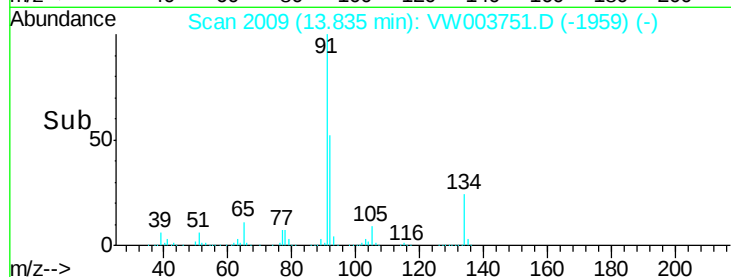
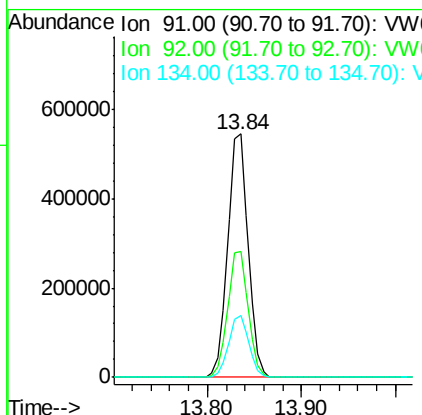
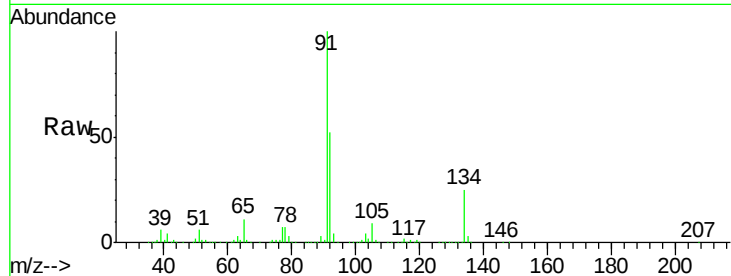
#89
n-Butylbenzene
Concen: 74.55 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.3
134	25.0	12.4	37.4

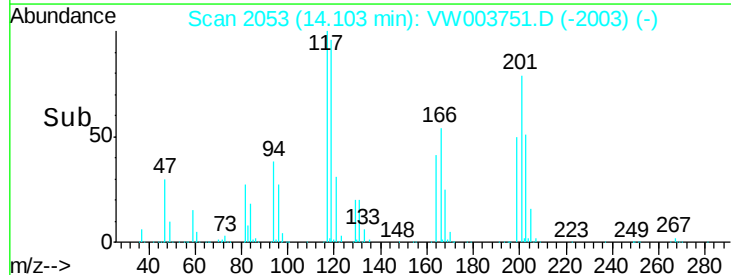
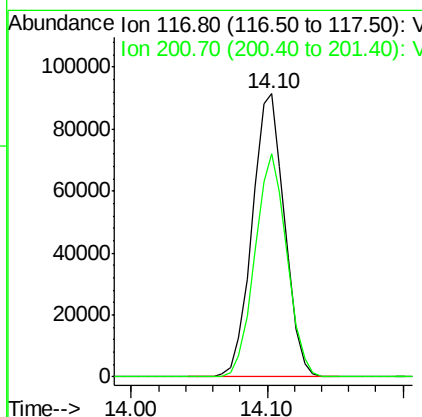
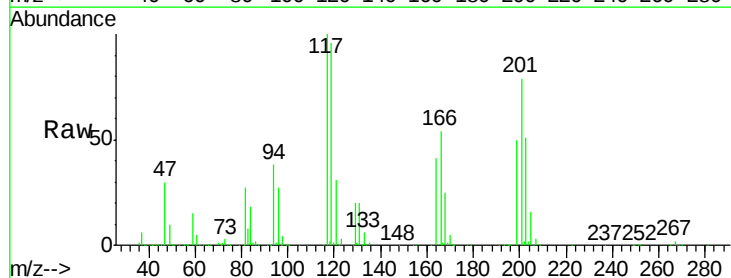
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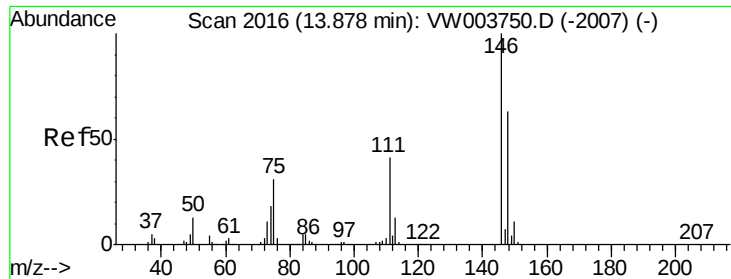
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#90
Hexachloroethane
Concen: 73.85 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003751.D
Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	39.2	117.6





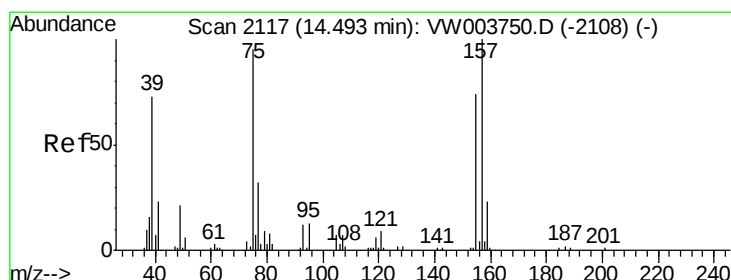
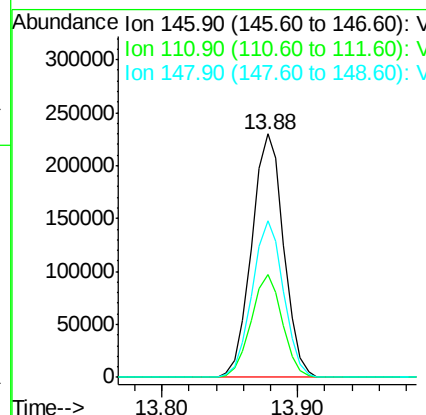
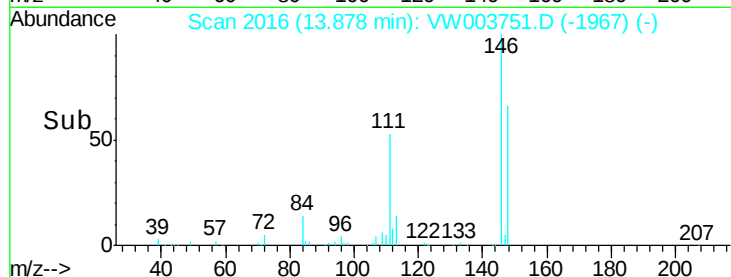
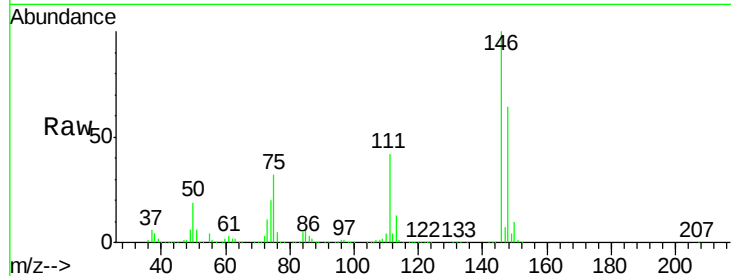
#91
 1,2-Dichlorobenzene
 Concen: 72.38 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	63.3	31.9	95.9

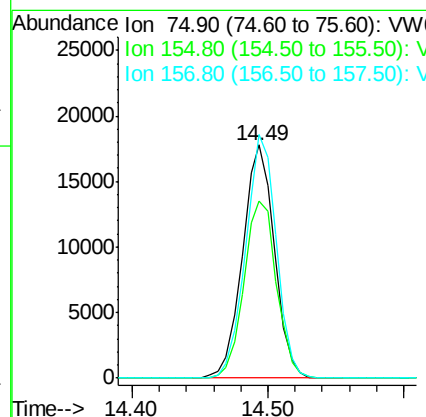
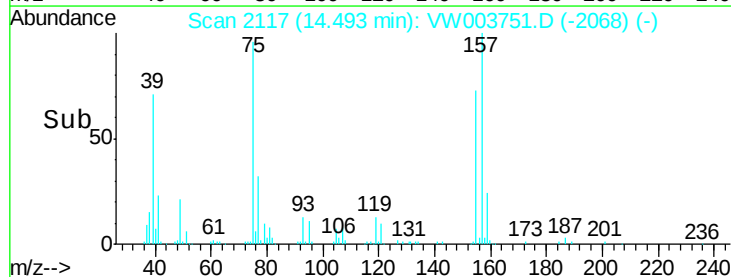
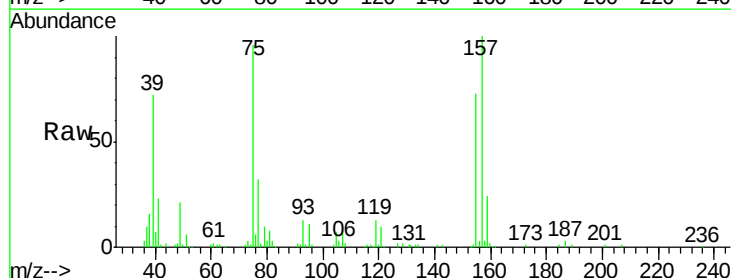
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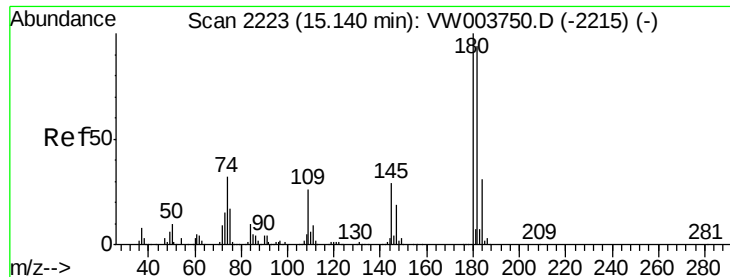
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 70.12 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	39.2	117.6
157	100.8	50.7	152.1





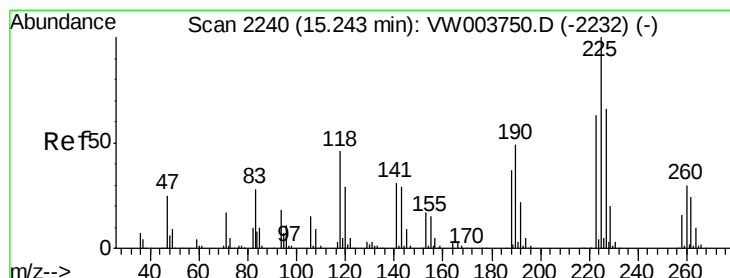
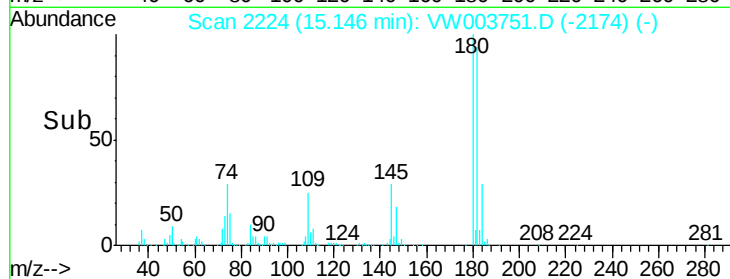
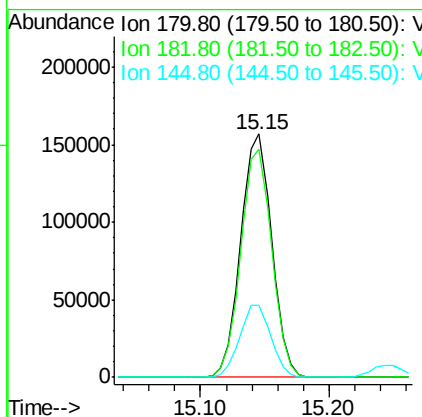
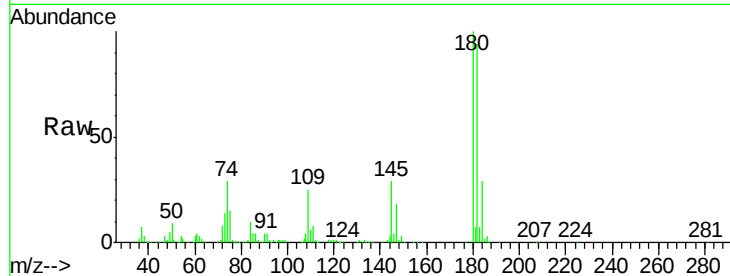
#93
 1,2,4-Trichlorobenzene
 Concen: 70.83 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	260703		
182	94.0		47.4	142.2
145	30.2		15.0	45.0

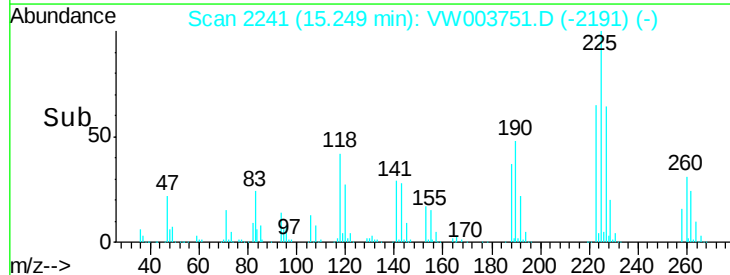
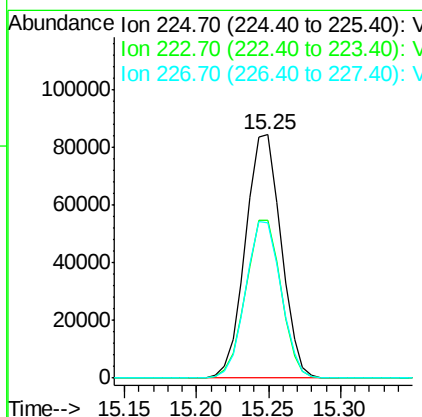
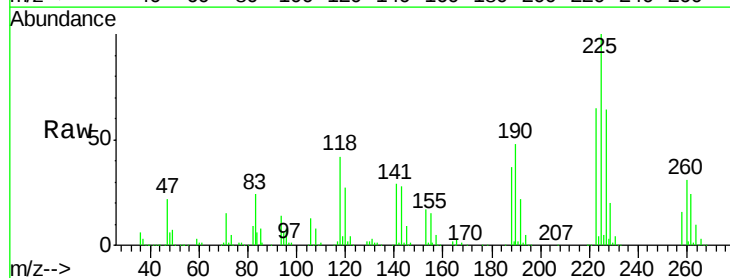
Manual Integrations
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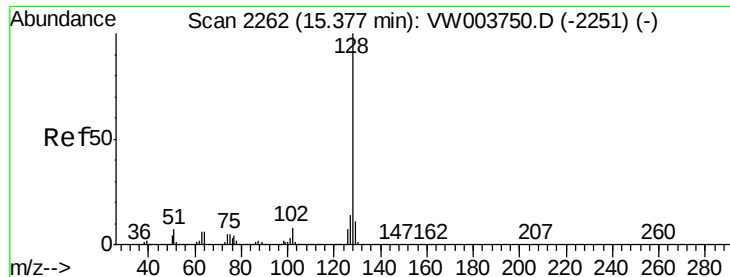
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#94
 Hexachlorobutadiene
 Concen: 68.54 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003751.D
 Acq: 07 Jul 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144722		
223	64.2		32.6	97.7
227	63.9		32.5	97.5





#95

Naphthalene

Concen: 73.21 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Instrument :

MSVOA_W

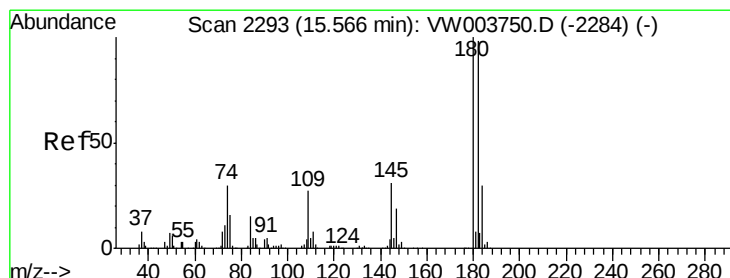
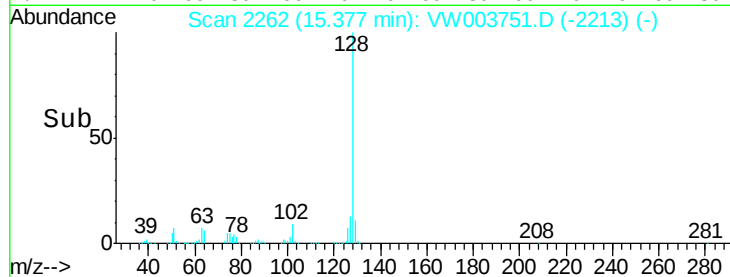
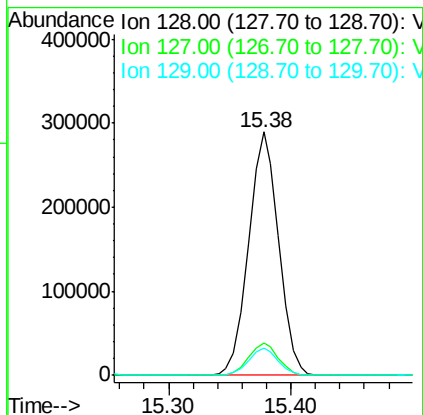
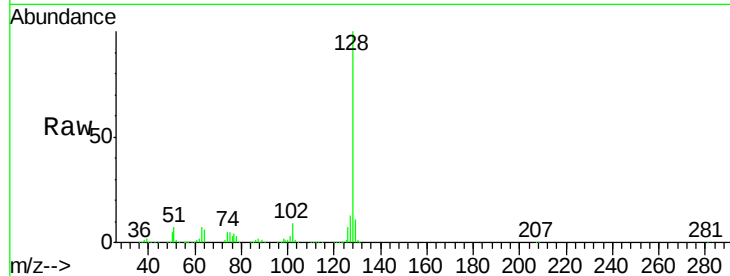
ClientSampleId :

VSTDIC075

Tot Ion:	128	Resp:	492389
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 69.42 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003751.D

Acq: 07 Jul 2018 00:32

Tgt Ion:	180	Resp:	228543
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.4	142.3
145	32.0	15.8	47.4

