

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004587.D
 Acq On : 10 Aug 2018 10:36
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 8/13/2018 12:57:06 PM

Quant Time: Aug 11 01:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	649469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	954211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	895847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	475812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	348863	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	343777	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.33	98	1390611	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
62) 4-Bromofluorobenzene	12.62	95	491293	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	230598	51.74	ug/l	100
3) Chloromethane	2.22	50	330529	53.23	ug/l	100
4) Vinyl Chloride	2.37	62	447971	51.65	ug/l	99
5) Bromomethane	2.79	94	262729	52.02	ug/l	99
6) Chloroethane	2.93	64	268902	51.88	ug/l	97
7) Trichlorofluoromethane	3.26	101	229072	71.50	ug/l	100
8) Diethyl Ether	3.68	74	177776	43.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	370981	52.43	ug/l	100
10) Methyl Iodide	4.26	142	524781	49.43	ug/l	100
11) Tert butyl alcohol	5.21	59	90679	215.41	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	348458	48.93	ug/l	98
13) Acrolein	3.90	56	166928	323.65	ug/l	99
14) Allyl chloride	4.67	41	537891	50.27	ug/l	99
15) Acrylonitrile	5.37	53	397509	220.72	ug/l	99
16) Acetone	4.14	43	537376	299.30	ug/l	99
17) Carbon Disulfide	4.37	76	1176470	51.40	ug/l	98
18) Methyl Acetate	4.67	43	187762	41.94	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	441914	45.49	ug/l	98
20) Methylene Chloride	4.91	84	399916	44.66	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	371832	48.44	ug/l	99
22) Diisopropyl ether	6.31	45	1091626	49.64	ug/l	99
23) Vinyl Acetate	6.26	43	3071652	232.42	ug/l	100
24) 1,1-Dichloroethane	6.21	63	664654	47.22	ug/l	99
25) 2-Butanone	7.18	43	667164	231.00	ug/l	99
26) 2,2-Dichloropropane	7.17	77	395535	53.54	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	389381	47.15	ug/l	99
28) Bromochloromethane	7.51	49	290714	47.47	ug/l	100
29) Tetrahydrofuran	7.54	42	324051	217.03	ug/l	99
30) Chloroform	7.68	83	640933	46.36	ug/l	100
31) Cyclohexane	7.96	56	669067	49.68	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	531393	51.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	534425	52.02	ug/l	99
37) Ethyl Acetate	7.26	43	218417	45.39	ug/l	99
38) Carbon Tetrachloride	8.07	117	495631	53.61	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	698350	55.45	ug/l	98
40) Benzene	8.32	78	1512097	50.12	ug/l	100
41) Methacrylonitrile	7.49	41	122665	45.64	ug/l	97
42) 1,2-Dichloroethane	8.40	62	394047	47.21	ug/l	100
43) Isopropyl Acetate	8.43	43	381253	45.45	ug/l	100
44) Trichloroethene	9.09	130	367565	49.58	ug/l	100
45) 1,2-Dichloropropane	9.37	63	370830	49.08	ug/l	100
46) Dibromomethane	9.46	93	182147	47.36	ug/l	99
47) Bromodichloromethane	9.65	83	429992	47.36	ug/l	98
48) Methyl methacrylate	9.44	41	184615	47.09	ug/l	99
49) 1,4-Dioxane	9.48	88	61935	1055.43	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1367463	234.22	ug/l	100
52) Toluene	10.39	92	921352	51.79	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	439785	48.24	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	525603	49.47	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	259040	46.99	ug/l	100
56) Ethyl methacrylate	10.65	69	318459	48.25	ug/l	99
57) 1,3-Dichloropropane	10.94	76	452170	47.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	847857	242.17	ug/l	100
59) 2-Hexanone	10.98	43	997558	252.01	ug/l	99
60) Dibromochloromethane	11.13	129	288489	48.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	244873	47.28	ug/l	99
64) Tetrachloroethene	10.87	164	310796	49.73	ug/l	98
65) Chlorobenzene	11.66	112	992663	50.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	332024	49.40	ug/l	99
67) Ethyl Benzene	11.74	91	1777825	53.12	ug/l	98
68) m/p-Xylenes	11.85	106	1385552	107.12	ug/l	100
69) o-Xylene	12.17	106	637887	53.18	ug/l	100
70) Styrene	12.19	104	1080434	53.31	ug/l	100
71) Bromoform	12.35	173	173870	47.06	ug/l #	100
73) Isopropylbenzene	12.47	105	1793000	54.48	ug/l	100
74) N-amyl acetate	12.28	43	370647	46.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	319076	46.44	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	218649m	44.41	ug/l	
77) Bromobenzene	12.75	156	397658	49.94	ug/l	99
78) n-propylbenzene	12.81	91	2236923	55.08	ug/l	100
79) 2-Chlorotoluene	12.90	91	1245873	53.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1549064	55.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	97820	47.56	ug/l	97
82) 4-Chlorotoluene	12.99	91	1299343	52.10	ug/l	99
83) tert-Butylbenzene	13.21	119	1307482	55.52	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1570168	54.02	ug/l	100
85) sec-Butylbenzene	13.39	105	1985097	55.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	1725957	56.07	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	827963	50.46	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	816676	50.00	ug/l	100
89) n-Butylbenzene	13.84	91	1686681	55.76	ug/l	100
90) Hexachloroethane	14.10	117	297291	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	737996	49.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50214	44.73	ug/l	99

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QLast Update : Tue Aug 07 08:22:01 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	529013	51.33	ug/l	99
94) Hexachlorobutadiene	15.25	225	326977	54.49	ug/l	99
95) Naphthalene	15.38	128	959850	45.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	471000	50.86	ug/l	99

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

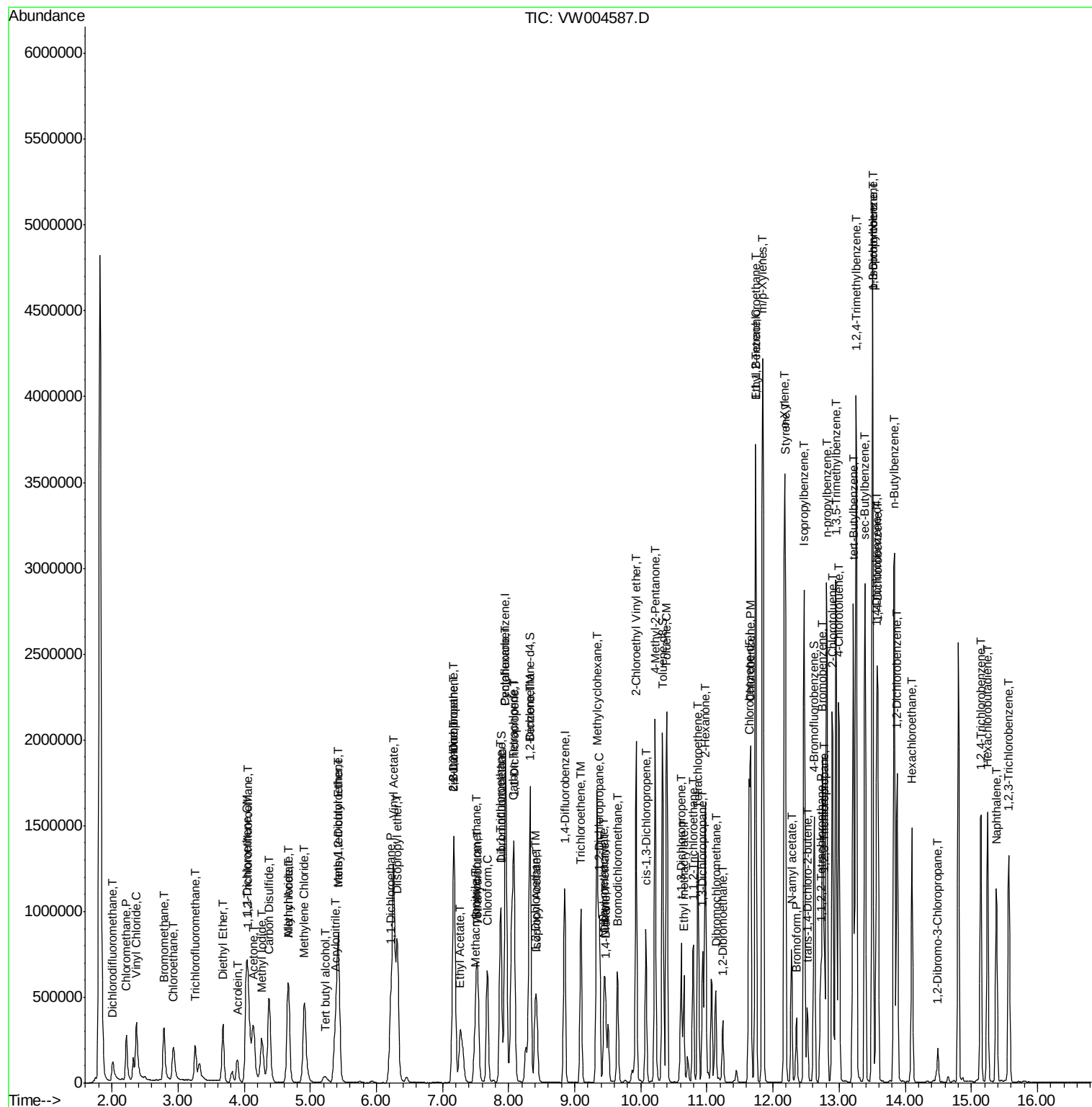
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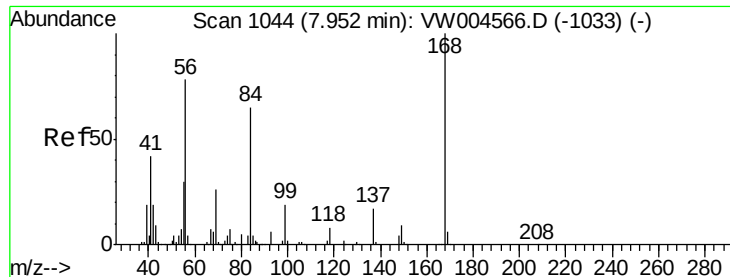
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 649469

Ion Ratio Lower Upper

168 100

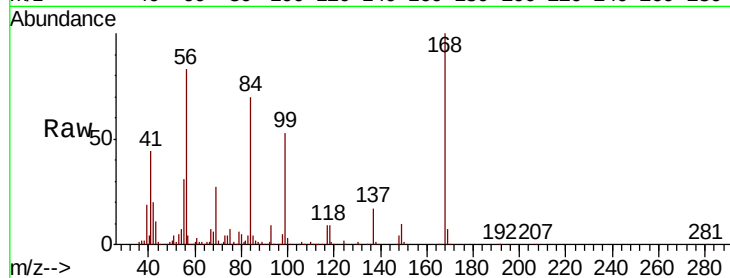
99 53.2 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

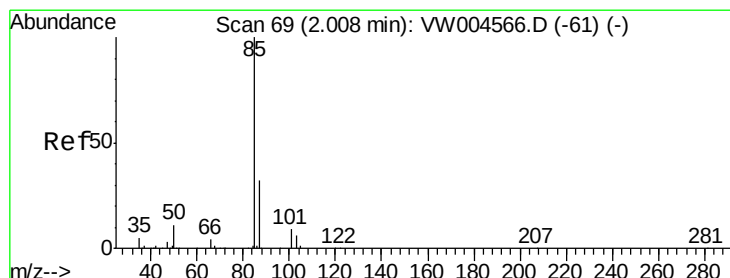
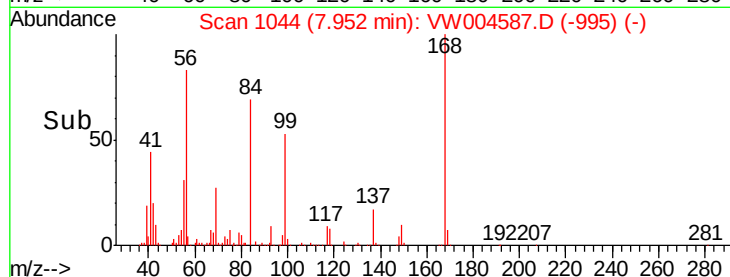
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 51.74 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004587.D

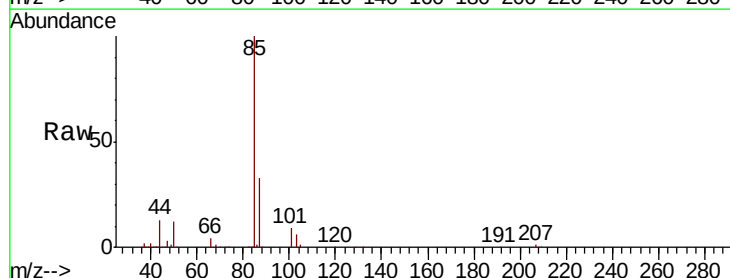
Acq: 10 Aug 2018 10:36

Tgt Ion: 85 Resp: 230598

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

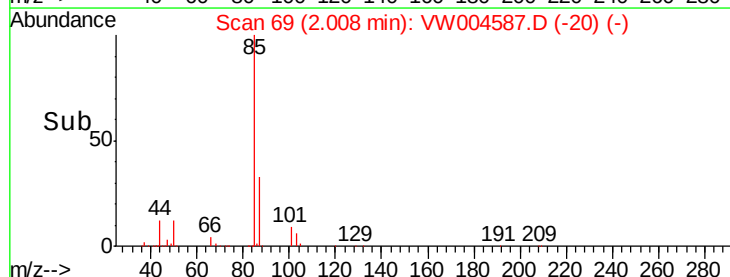
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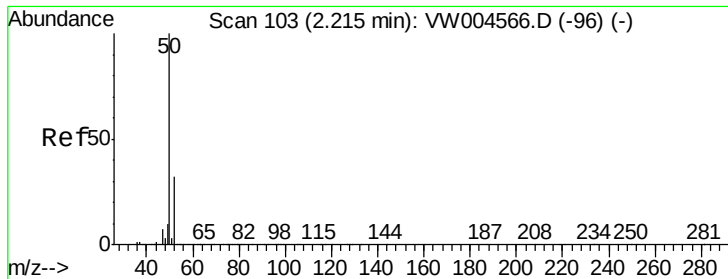
40000

20000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 53.23 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 330529

Ion Ratio Lower Upper

50 100

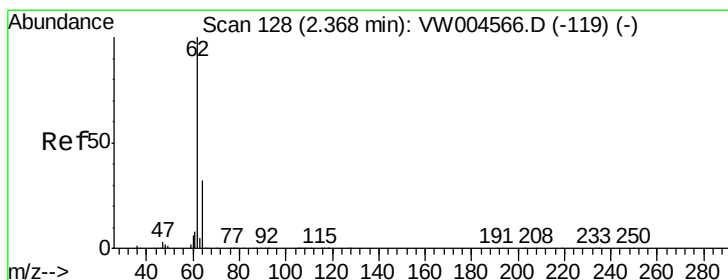
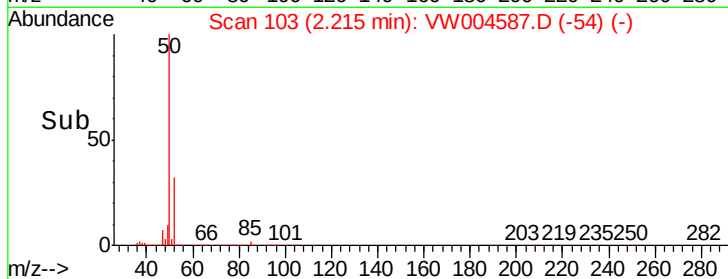
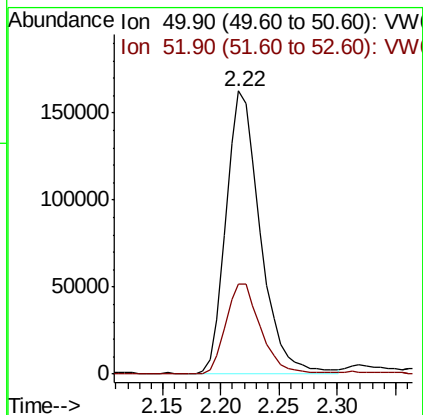
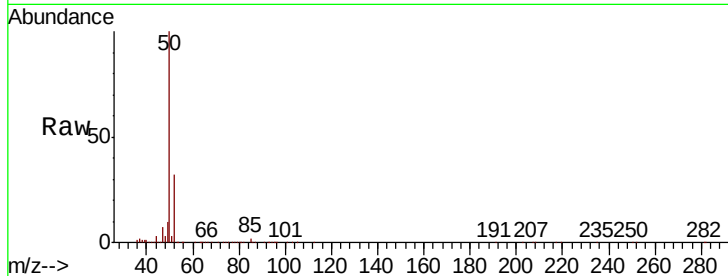
52 32.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 51.65 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004587.D

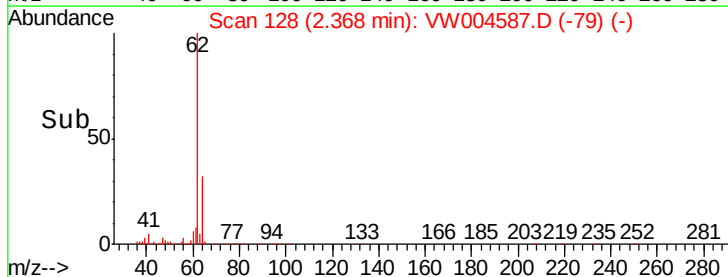
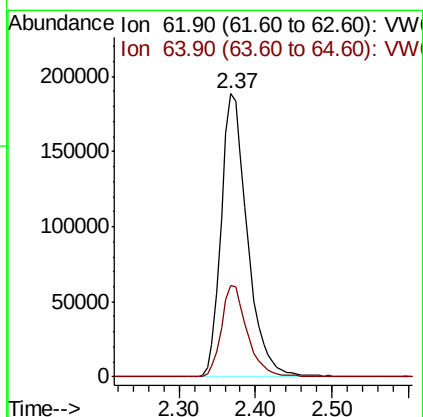
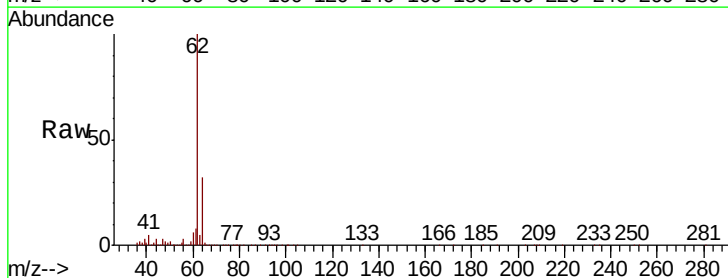
Acq: 10 Aug 2018 10:36

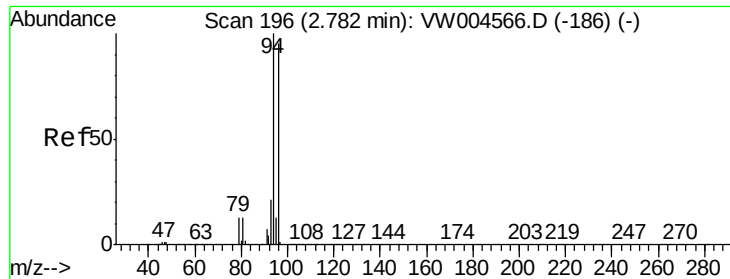
Tgt Ion: 62 Resp: 447971

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2





#5

Bromomethane

Concen: 52.02 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 262729

Ion Ratio Lower Upper

94 100

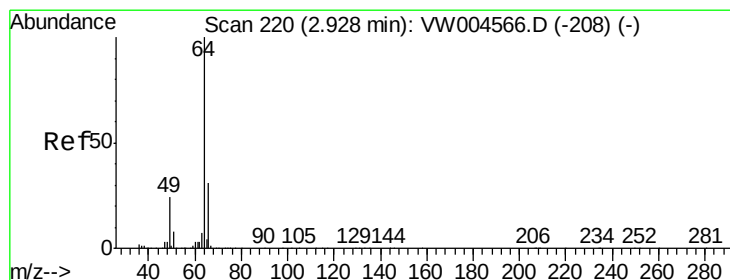
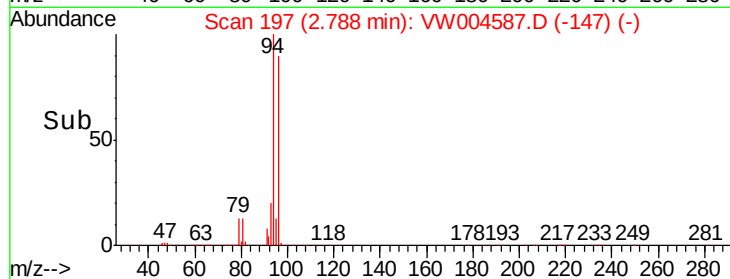
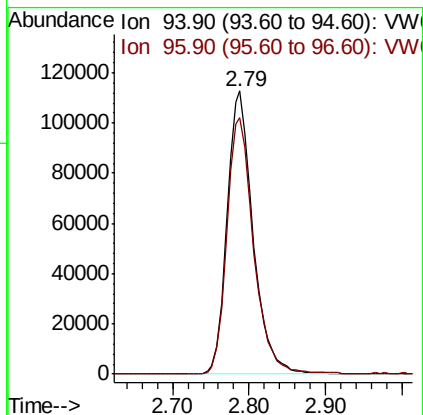
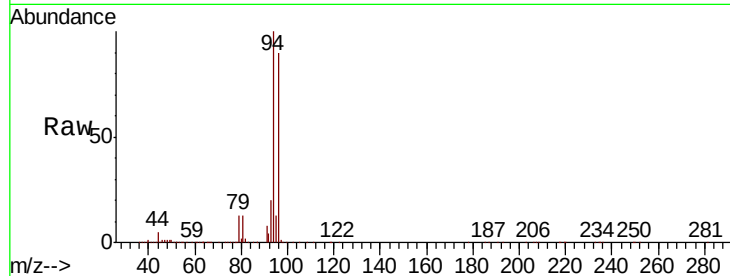
96 90.2 72.9 109.3

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#6

Chloroethane

Concen: 51.88 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004587.D

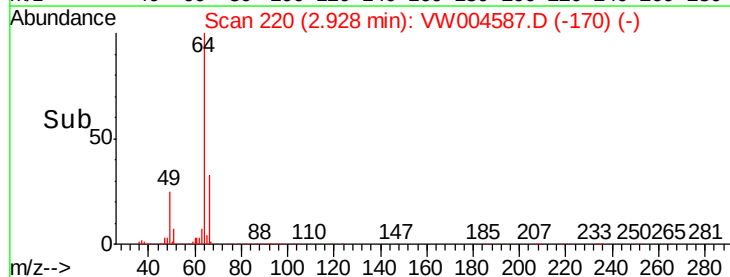
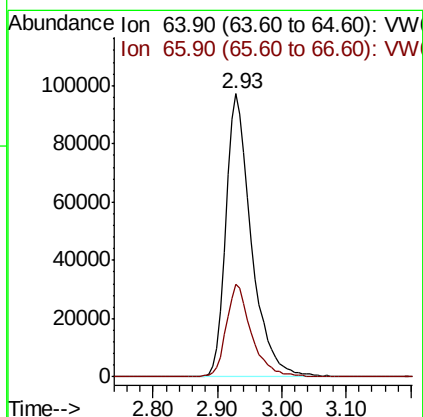
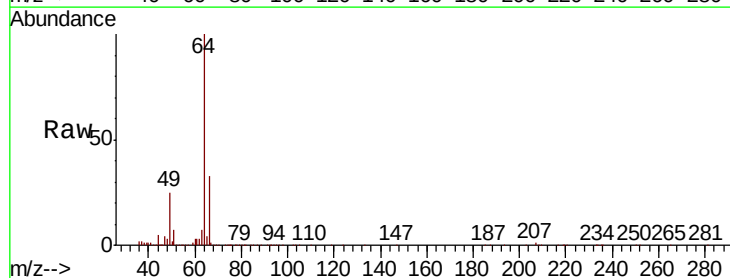
Acq: 10 Aug 2018 10:36

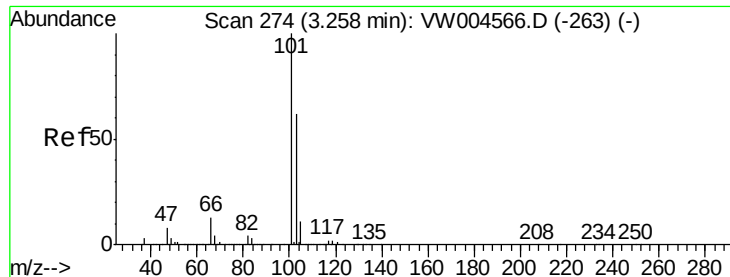
Tgt Ion: 64 Resp: 268902

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8





#7

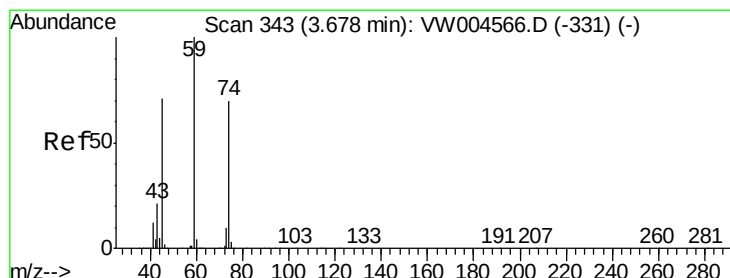
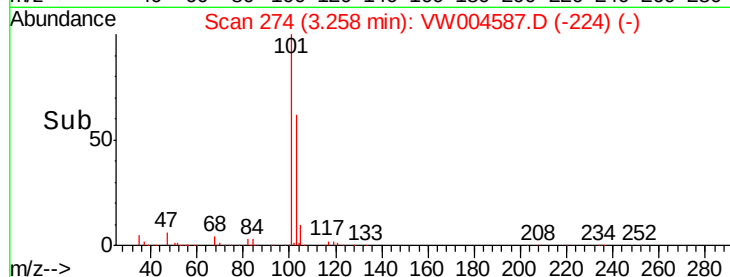
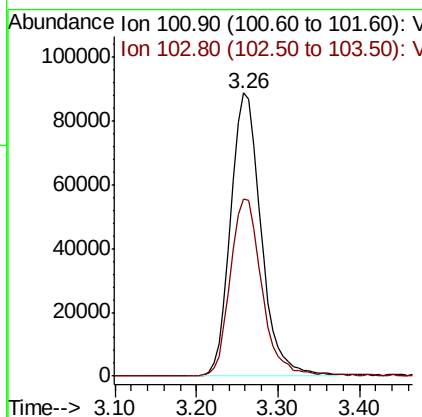
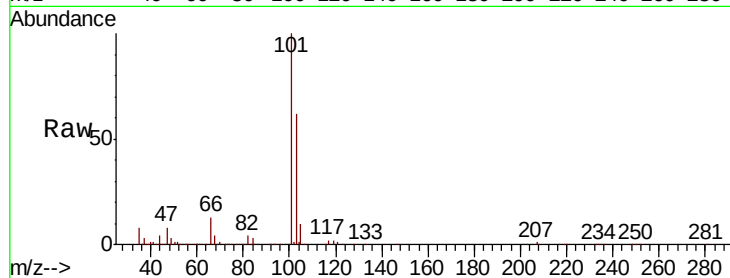
Trichlorofluoromethane
 Concen: 71.50 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	49.8	74.8

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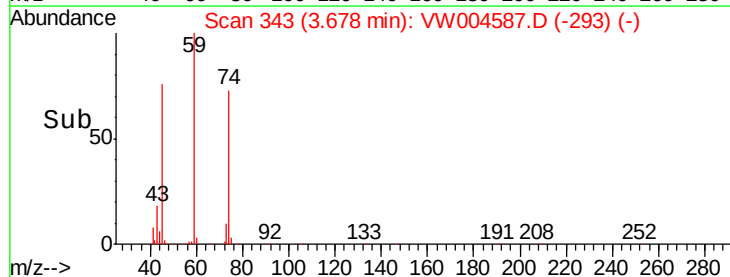
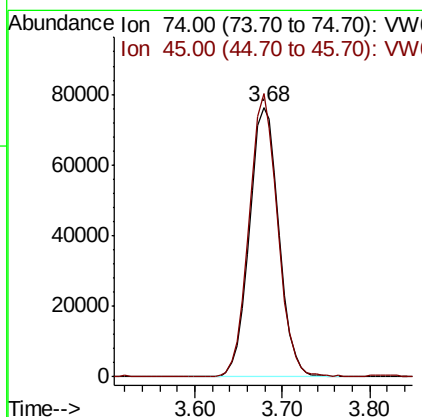
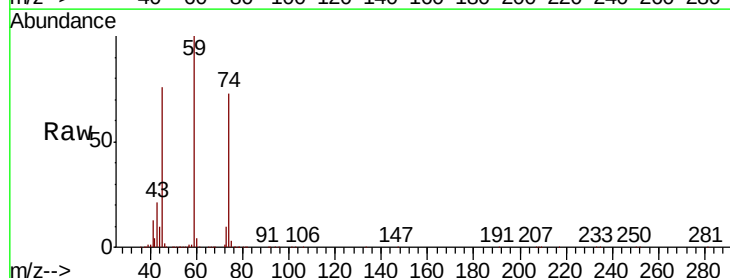
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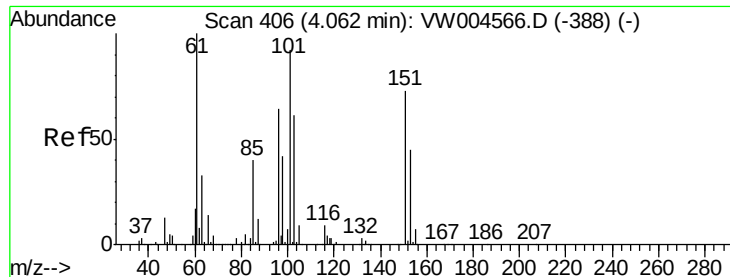


#8

Diethyl Ether
 Concen: 43.87 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.43 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004587.D

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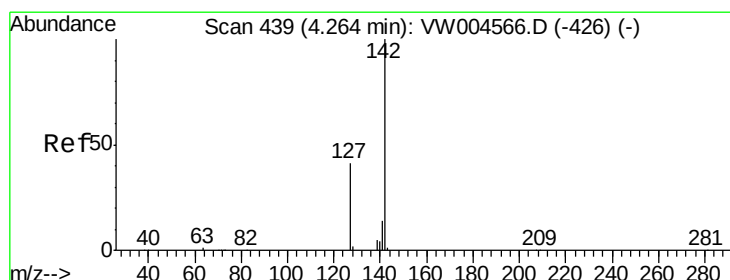
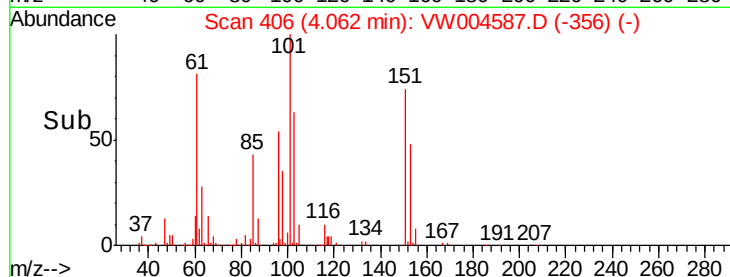
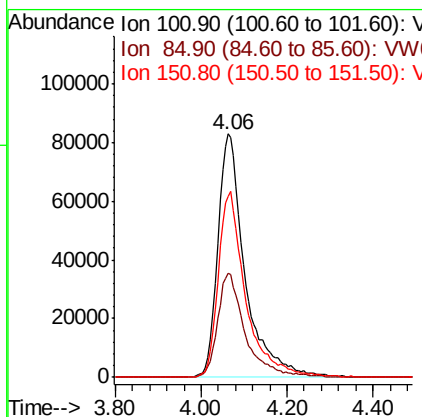
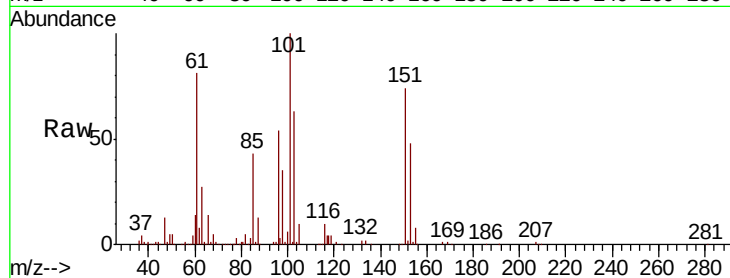
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	370981
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	51.8
151	76.7	61.3	91.9

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#10

Methyl Iodide

Concen: 49.43 ug/l

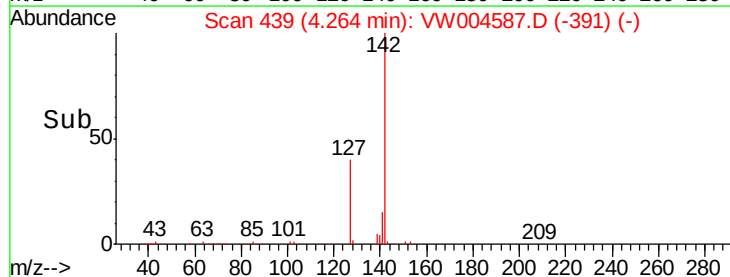
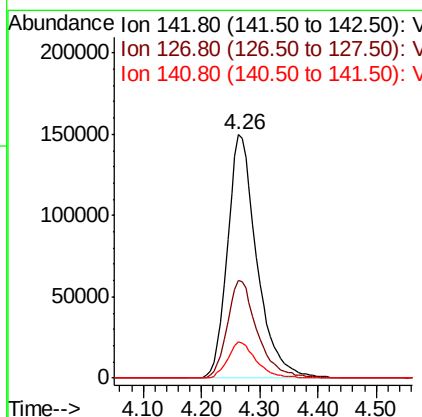
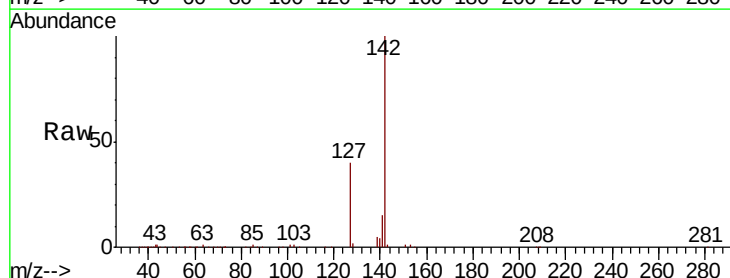
RT: 4.26 min Scan# 439

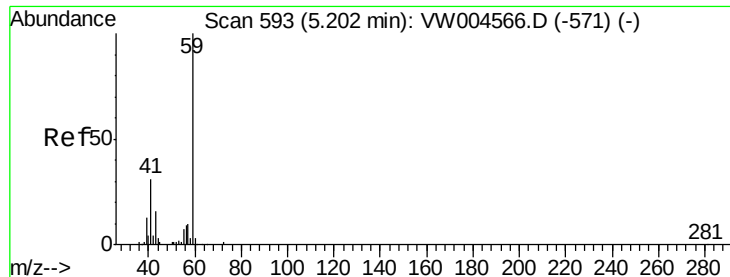
Delta R.T. -0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	142	Resp:	524781
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.7	49.1
141	14.6	11.5	17.3





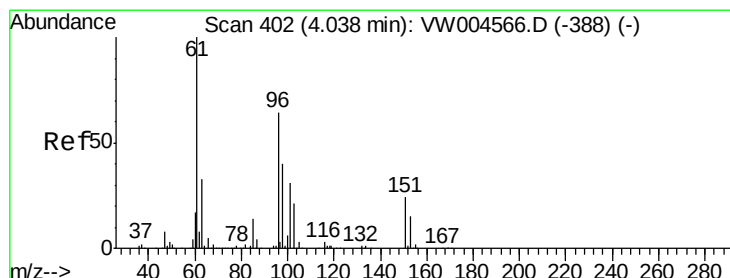
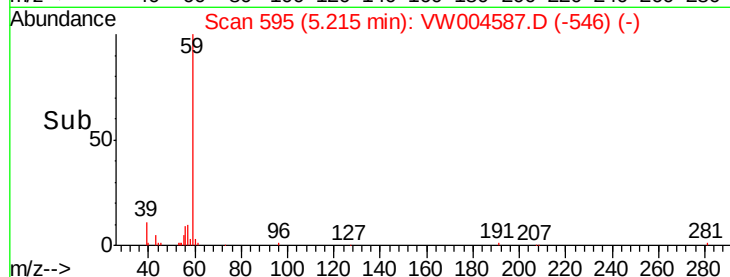
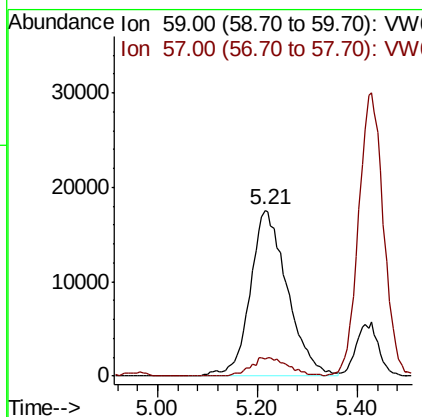
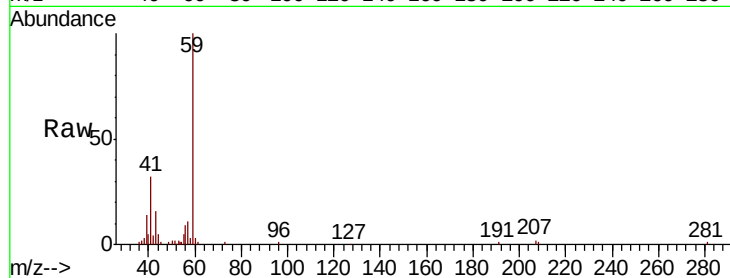
#11
Tert butyl alcohol
Concen: 215.41 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	90679
Ion Ratio	100	Lower	Upper
57	4.7	9.1	13.7#

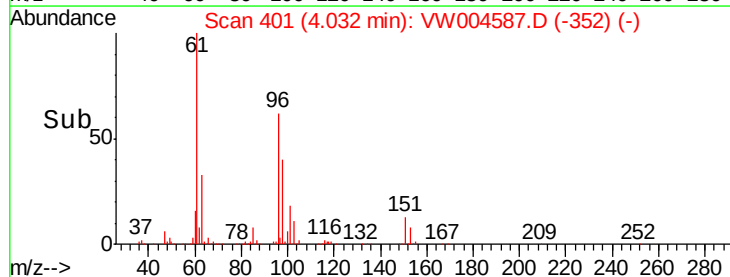
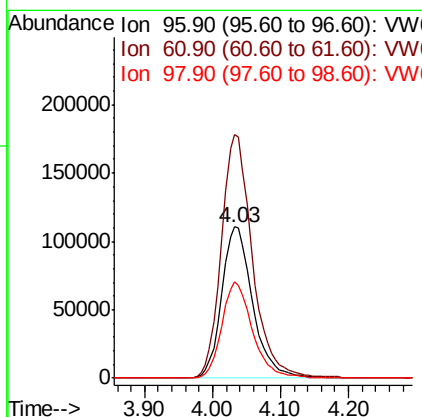
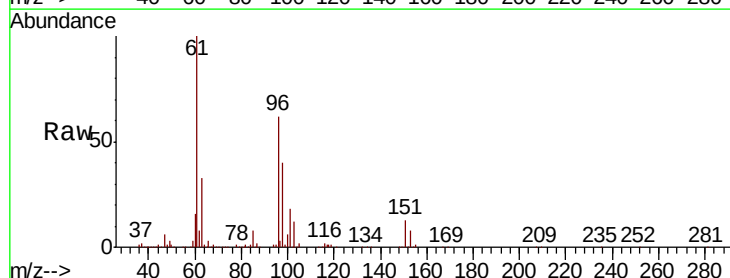
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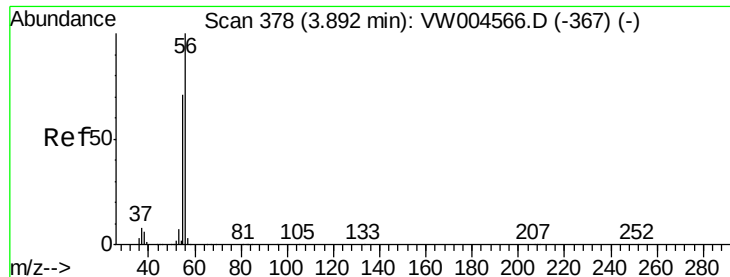
apatel
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#12
1,1-Dichloroethene
Concen: 48.93 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	96	Resp	348458
Ion Ratio	100	Lower	Upper
61	161.4	130.6	195.8
98	64.0	49.6	74.4





#13

Acrolein

Concen: 323.65 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 166928

Ion Ratio Lower Upper

56 100

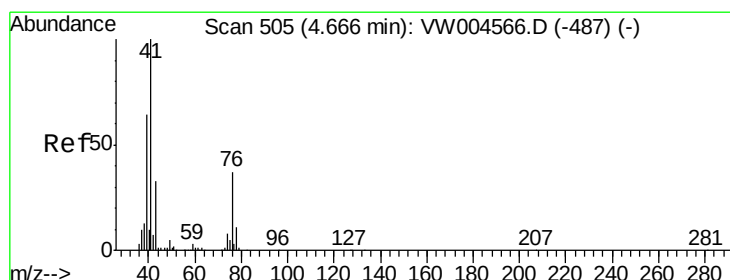
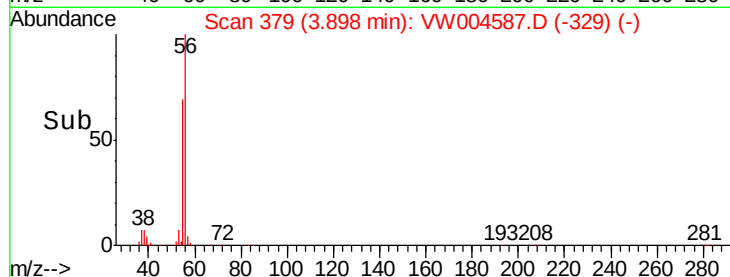
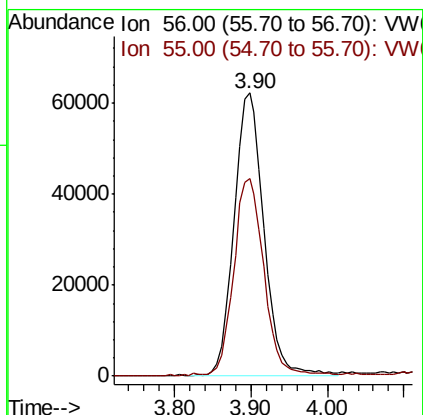
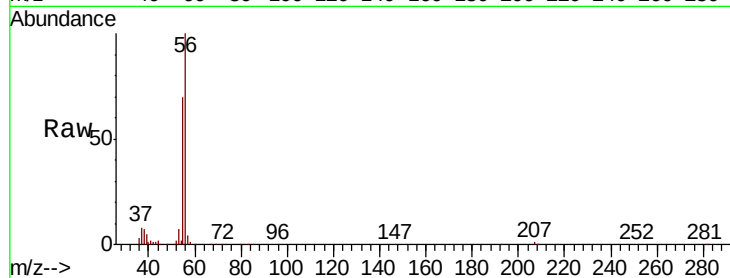
55 69.8 56.7 85.1

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#14

Allyl chloride

Concen: 50.27 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

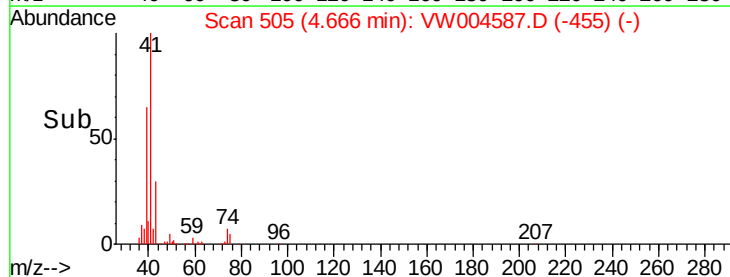
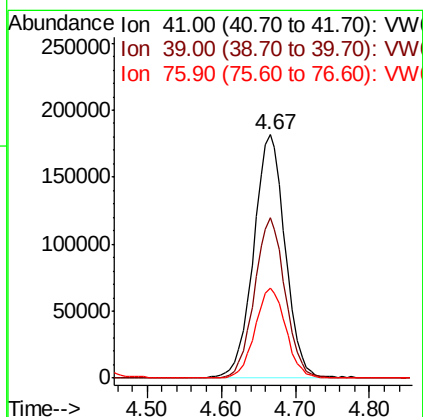
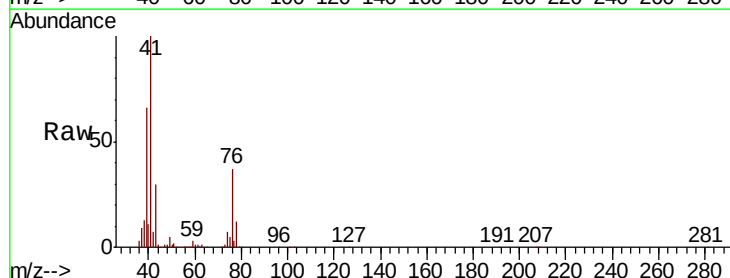
Tgt Ion: 41 Resp: 537891

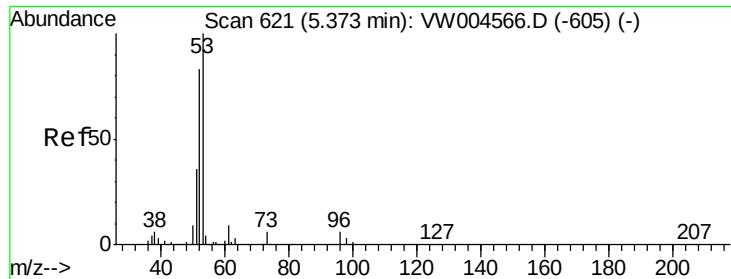
Ion Ratio Lower Upper

41 100

39 64.0 51.9 77.9

76 36.0 29.0 43.6





#15

Acrylonitrile

Concen: 220.72 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

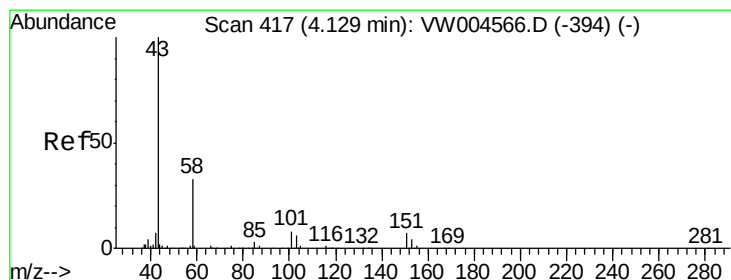
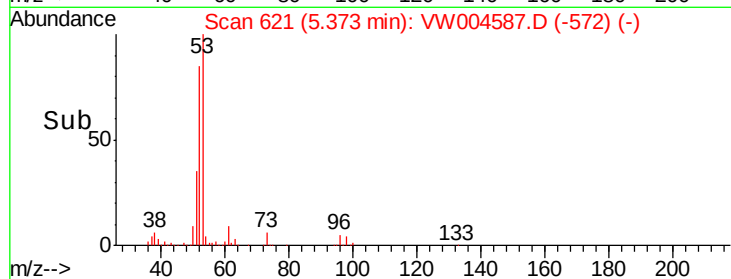
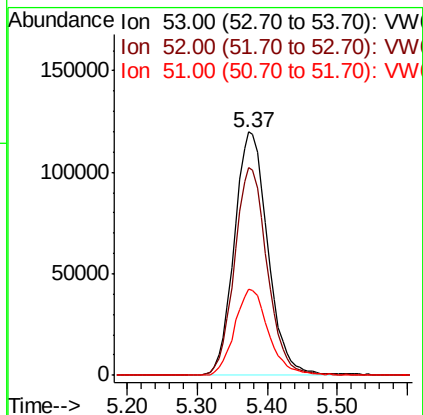
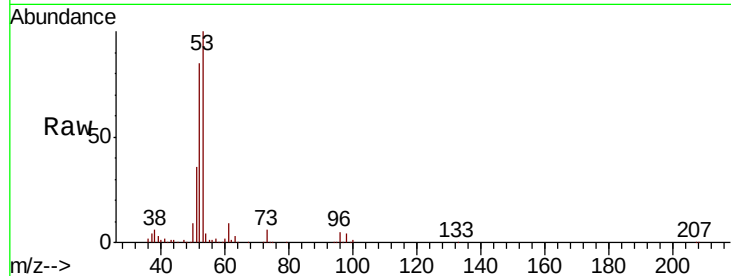
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	397509
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.5	99.7
51	35.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 299.30 ug/l

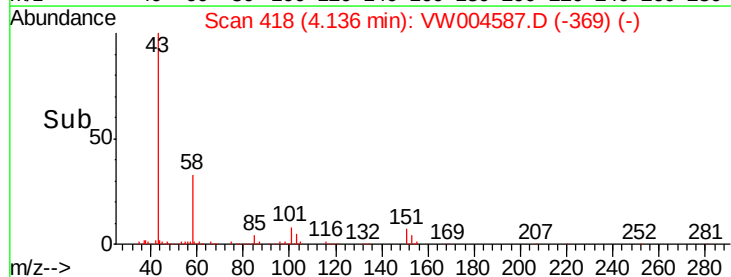
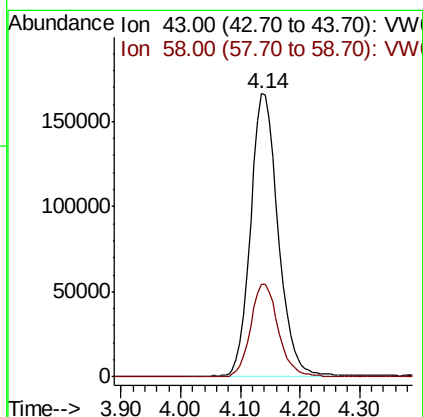
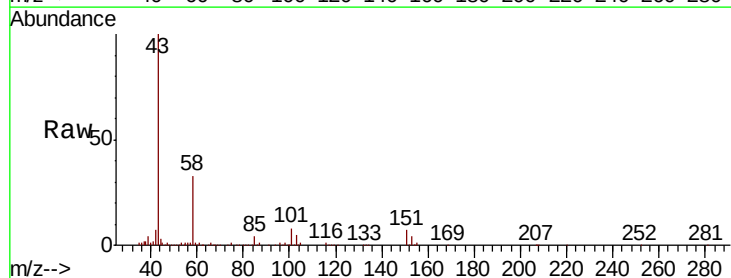
RT: 4.14 min Scan# 418

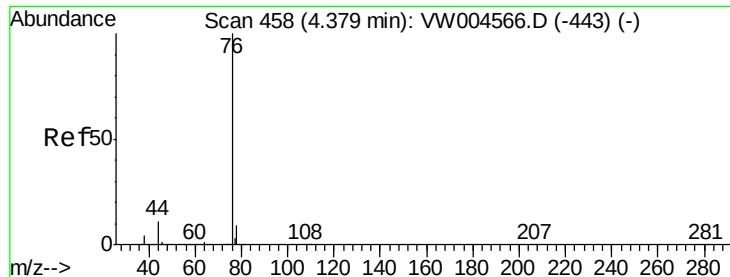
Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	43	Resp:	537376
Ion Ratio	Lower	Upper	
43	100		
58	32.7	26.8	40.2





#17

Carbon Disulfide

Concen: 51.40 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1176470

Ion Ratio Lower Upper

76 100

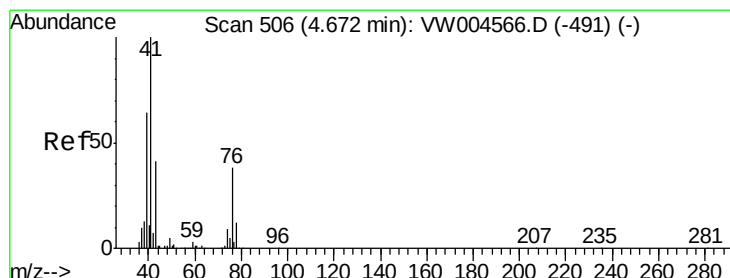
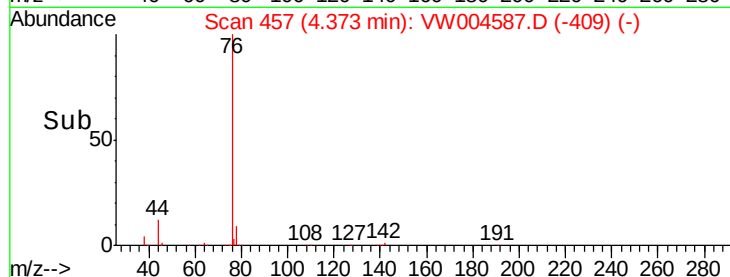
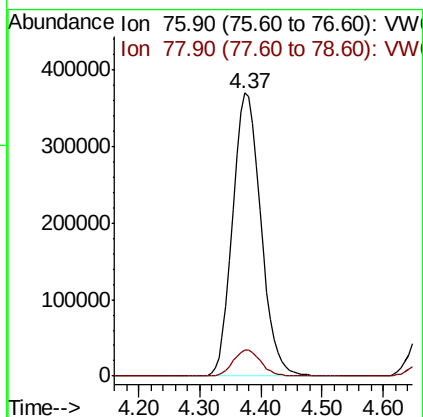
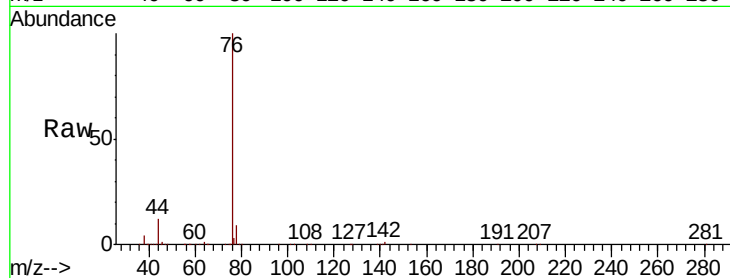
78 9.3 7.0 10.4

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#18

Methyl Acetate

Concen: 41.94 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004587.D

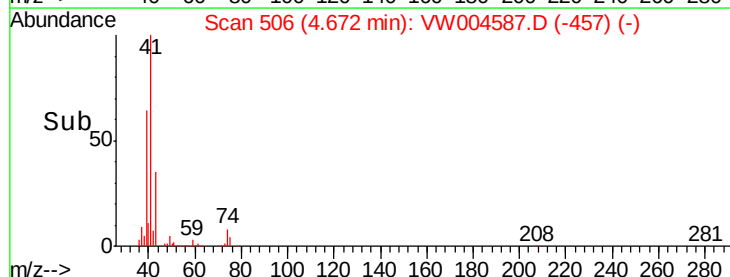
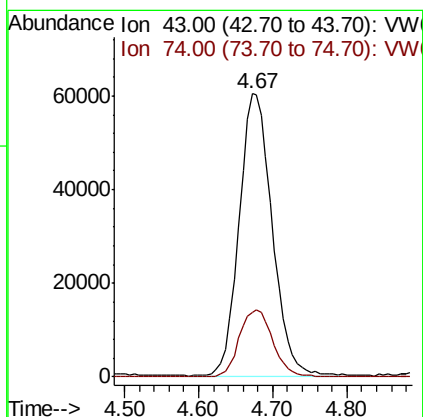
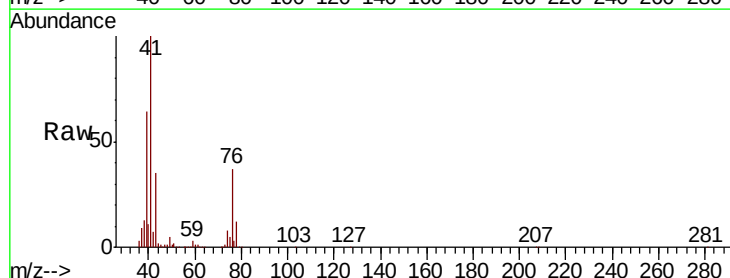
Acq: 10 Aug 2018 10:36

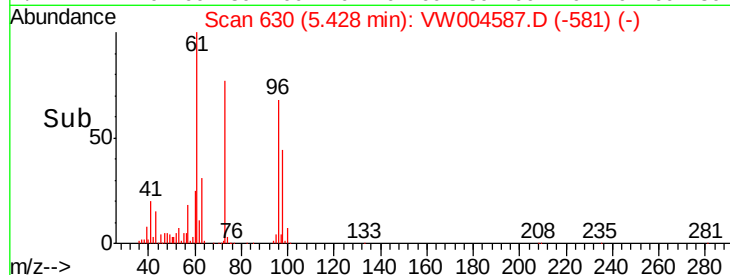
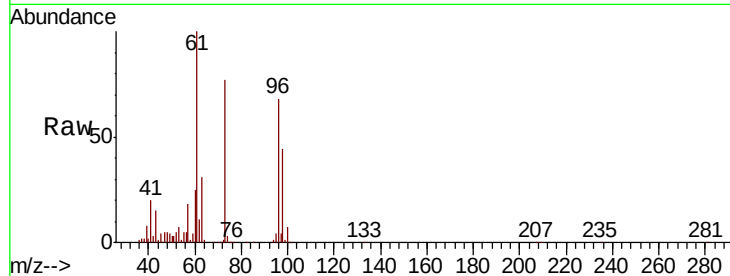
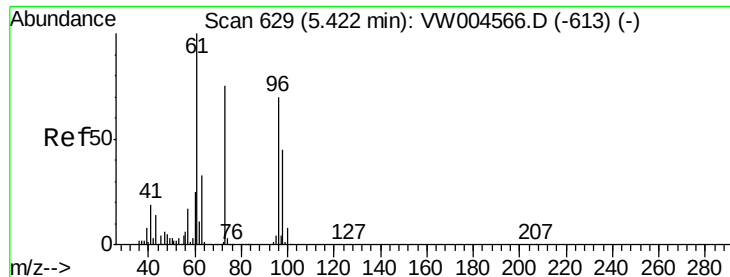
Tgt Ion: 43 Resp: 187762

Ion Ratio Lower Upper

43 100

74 24.3 19.1 28.7





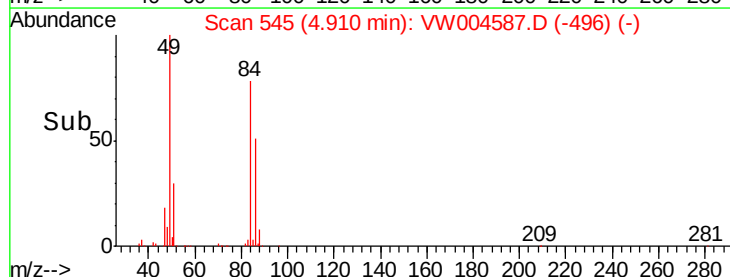
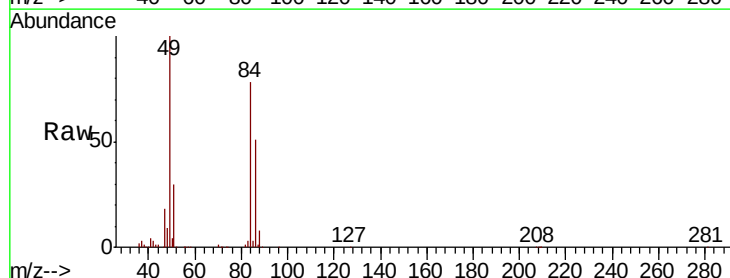
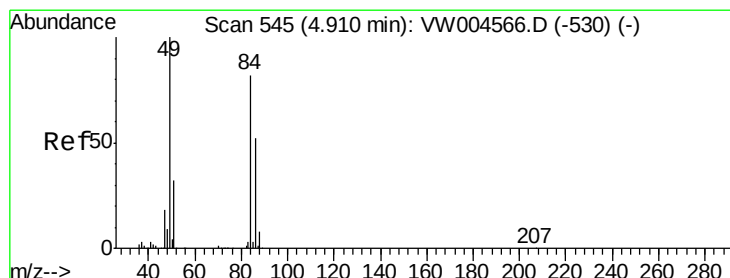
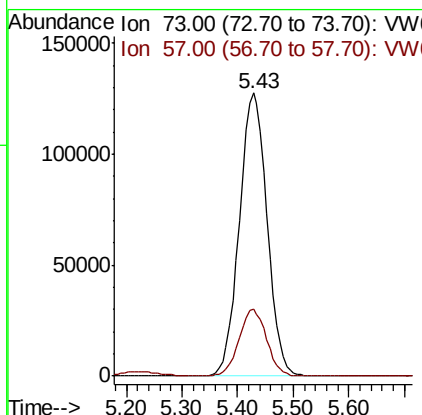
#19
Methyl tert-butyl Ether
Concen: 45.49 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.6	29.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

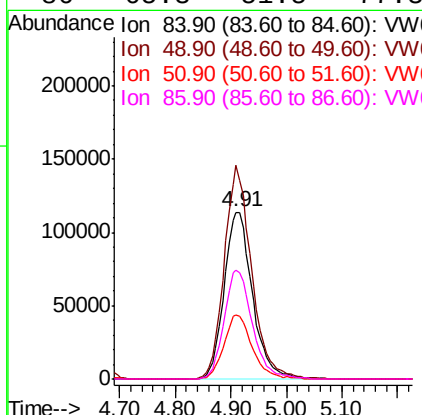
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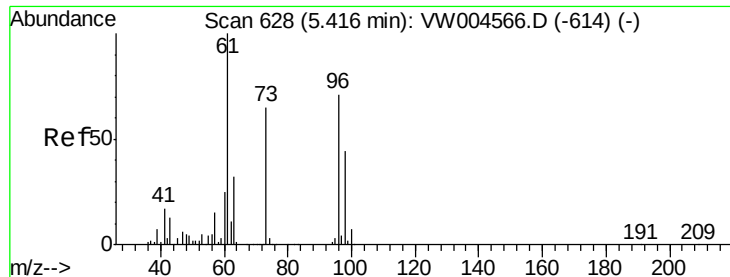
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#20
Methylene Chloride
Concen: 44.66 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.1	99.6	149.4
51	38.5	31.0	46.4
86	65.3	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 48.44 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 371832

Ion Ratio Lower Upper

96 100

61 142.1 114.1 171.1

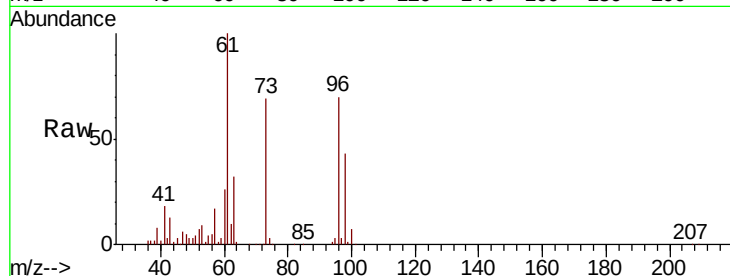
98 61.7 51.4 77.2

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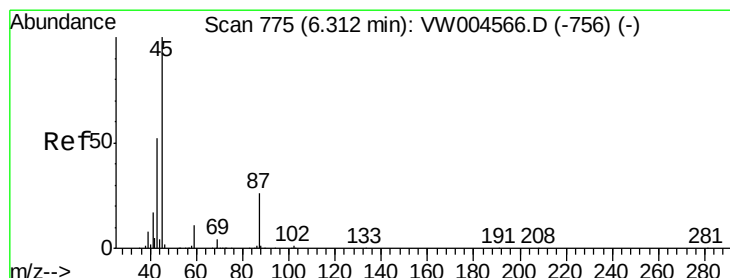
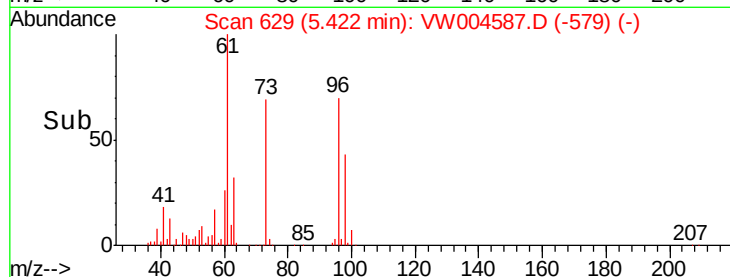
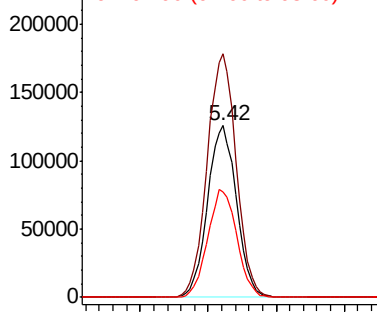


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.64 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion: 45 Resp: 1091626

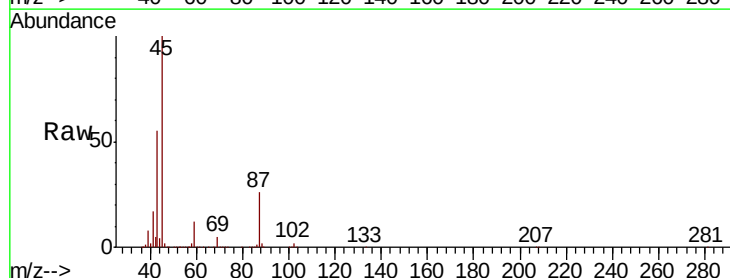
Ion Ratio Lower Upper

45 100

43 54.2 42.4 63.6

87 26.4 21.6 32.4

59 11.7 9.6 14.4



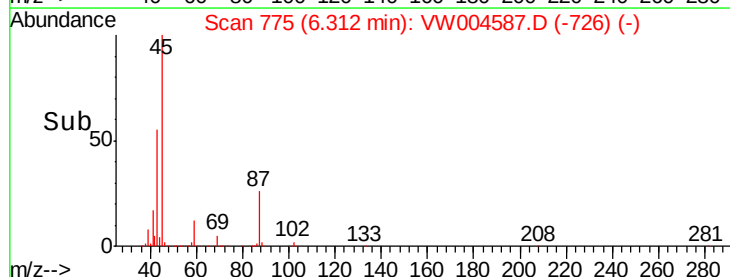
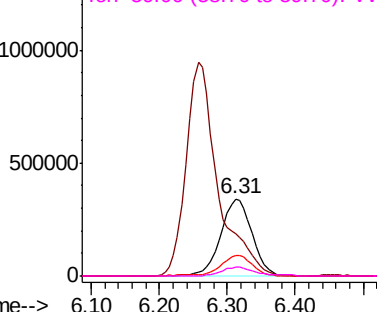
Abundance

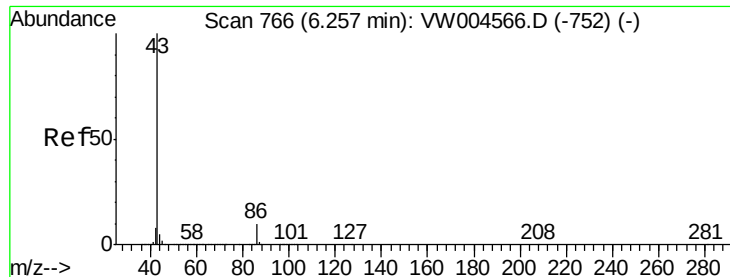
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





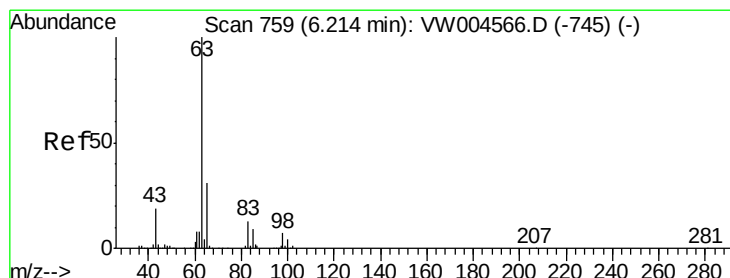
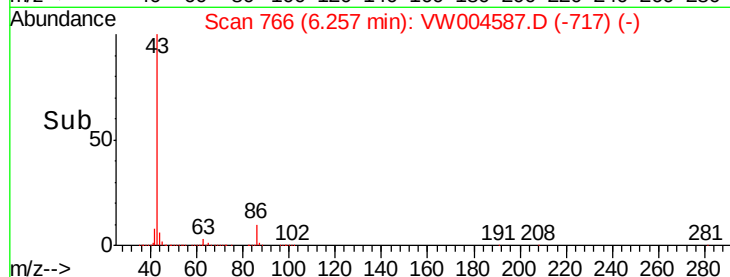
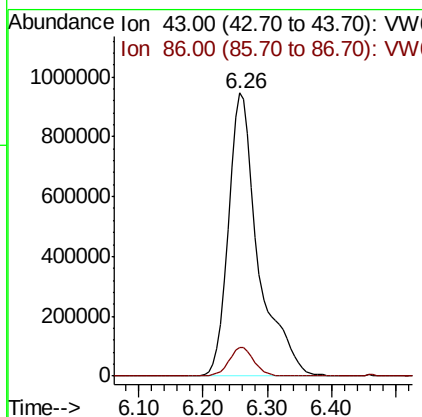
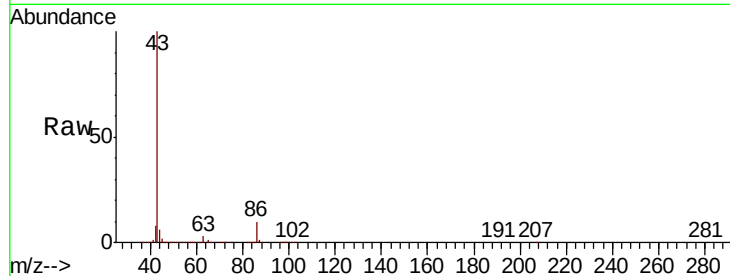
#23
 Vinyl Acetate
 Concen: 232.42 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9

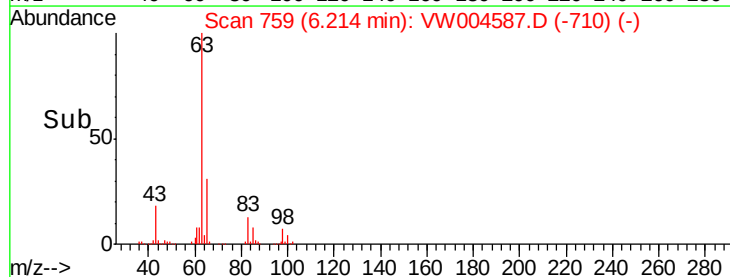
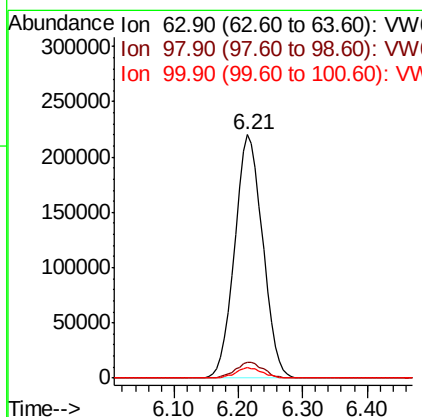
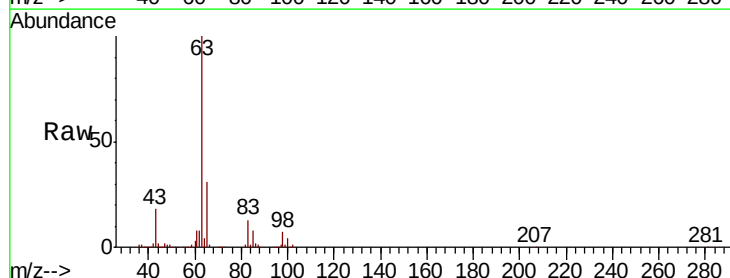
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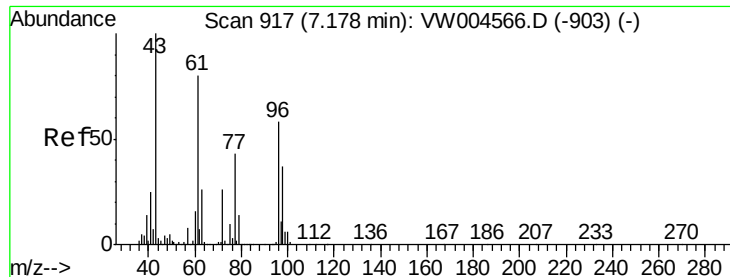
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#24
 1,1-Dichloroethane
 Concen: 47.22 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.1	9.3
100	4.3	2.1	6.5





#25

2-Butanone

Concen: 231.00 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 667164

Ion Ratio Lower Upper

43 100

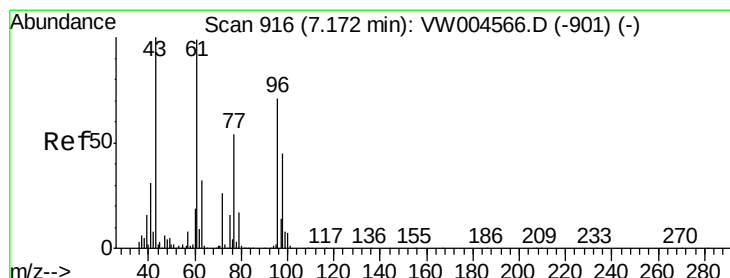
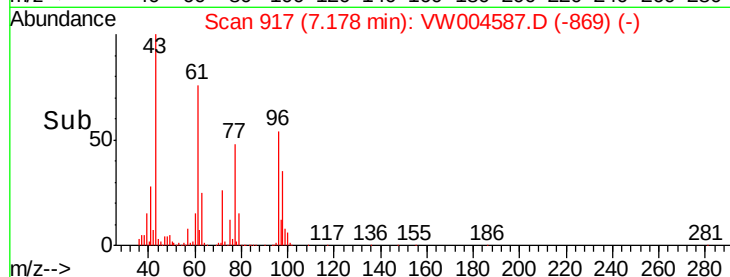
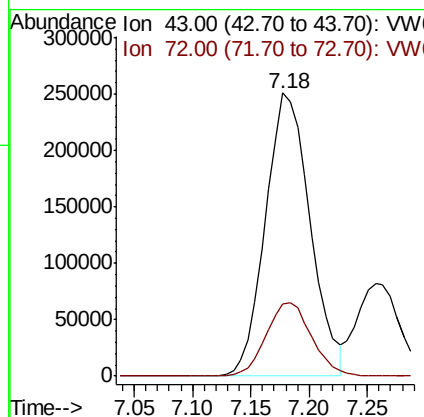
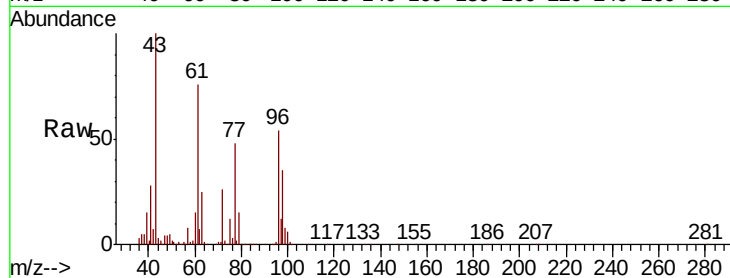
72 25.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.54 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004587.D

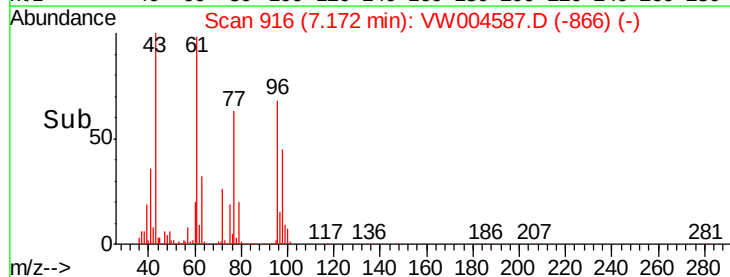
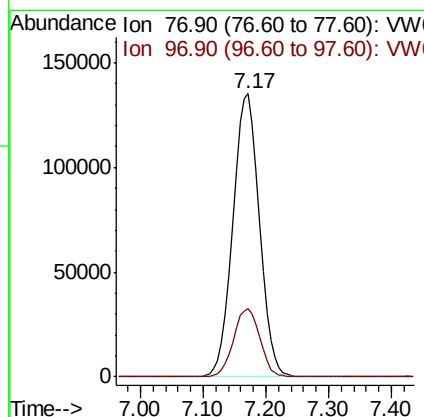
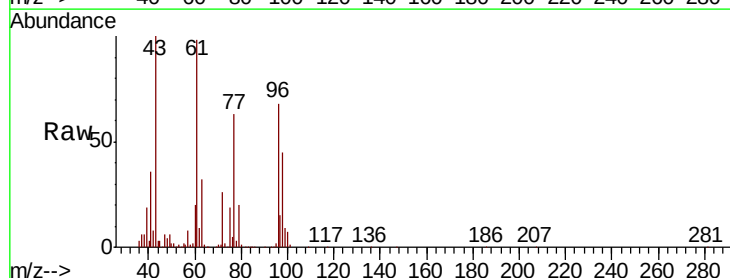
Acq: 10 Aug 2018 10:36

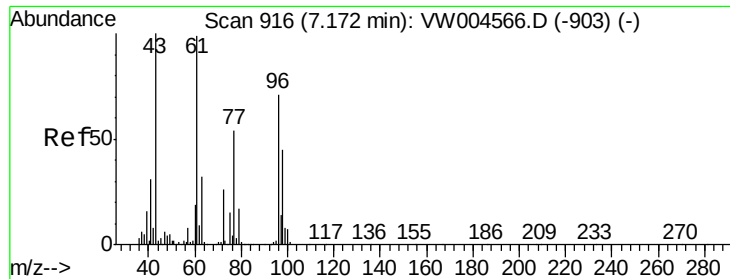
Tgt Ion: 77 Resp: 395535

Ion Ratio Lower Upper

77 100

97 24.0 12.5 37.5





#27

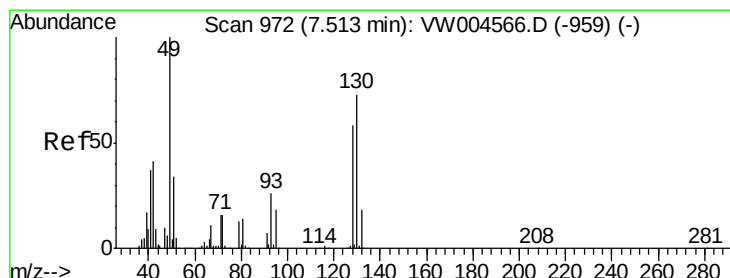
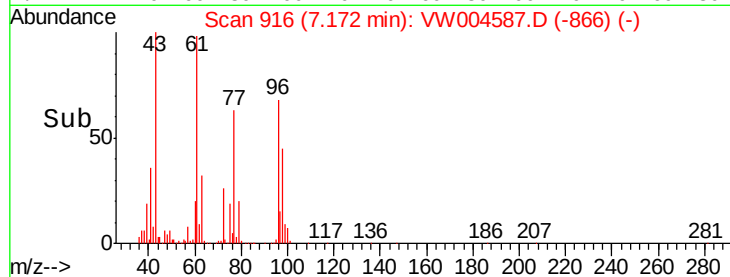
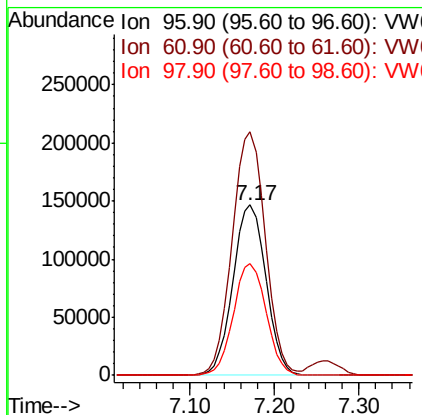
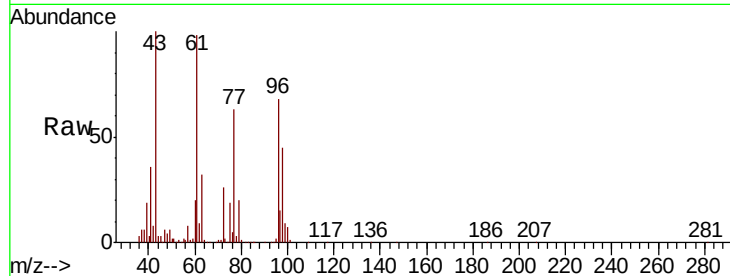
cis-1,2-Dichloroethene
Concen: 47.15 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		389381		
61	143.9	0.0	285.0		
98	65.2	0.0	128.6		

Manual Integrations
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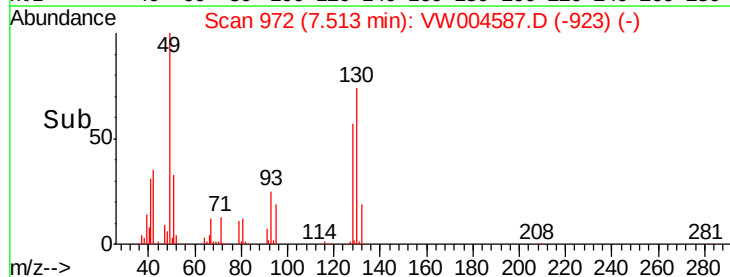
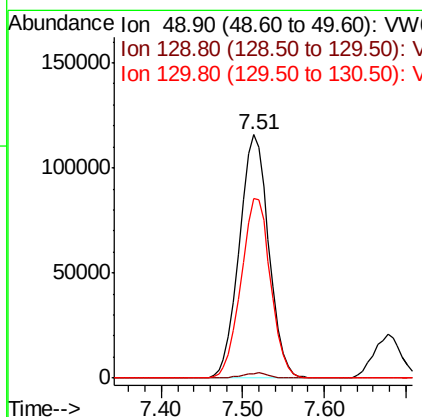
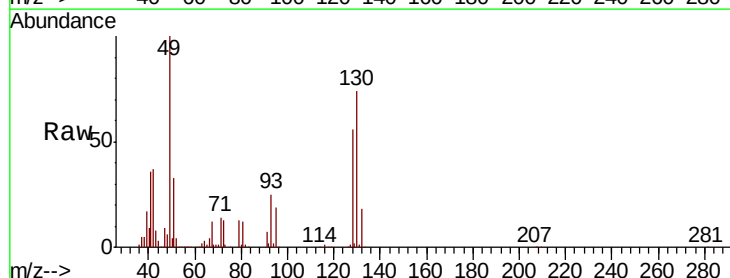
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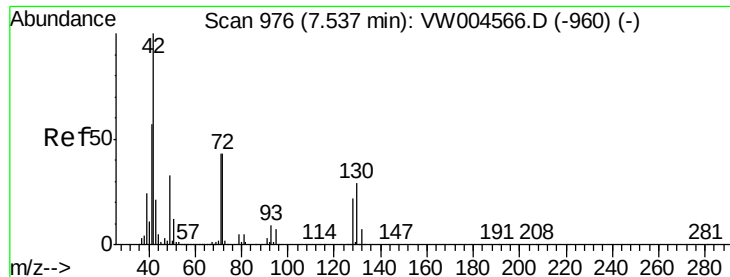


#28

Bromochloromethane
Concen: 47.47 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		290714		
129	2.0	0.0	4.0		
130	73.9	58.8	88.2		





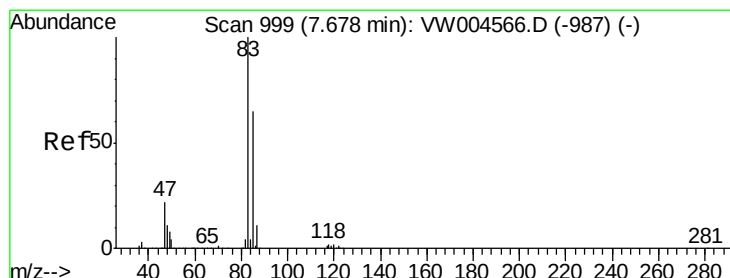
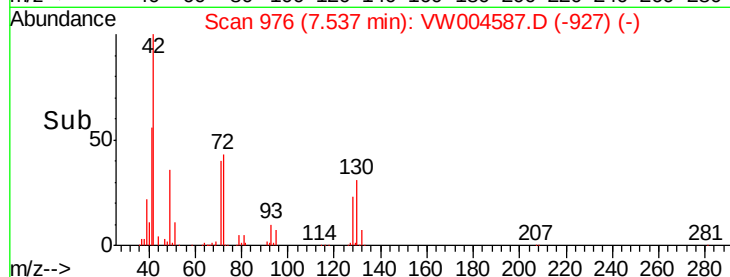
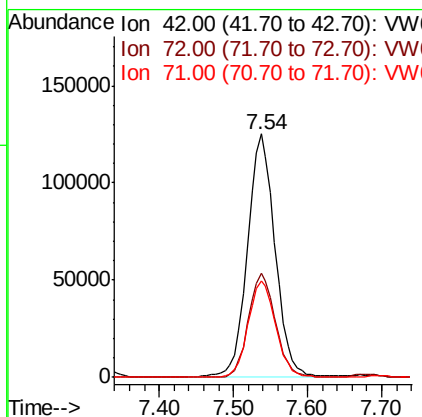
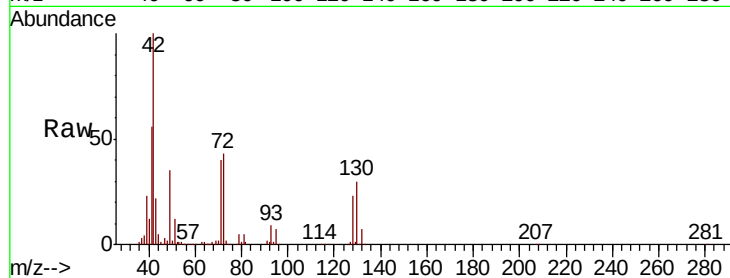
#29
Tetrahydrofuran
Concen: 217.03 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.1	51.1
71	39.6	32.5	48.7

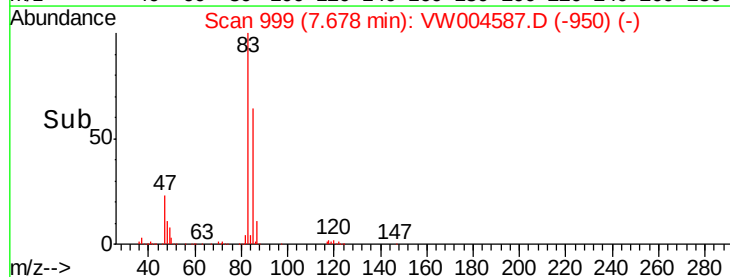
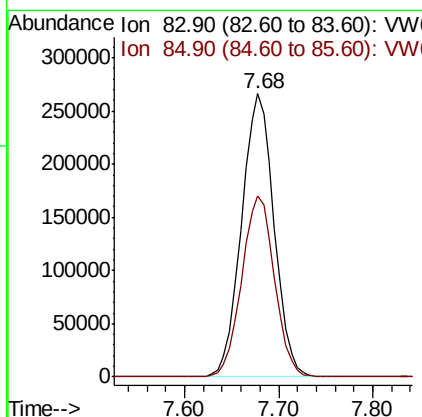
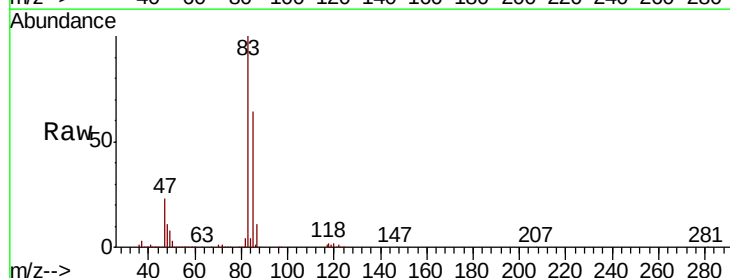
Manual Integrations
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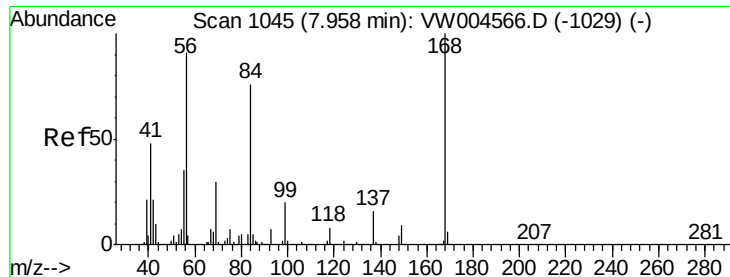
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#30
Chloroform
Concen: 46.36 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





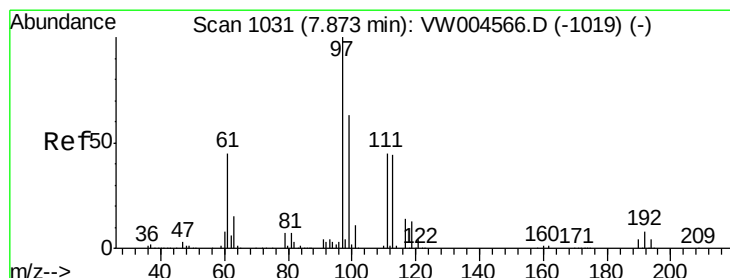
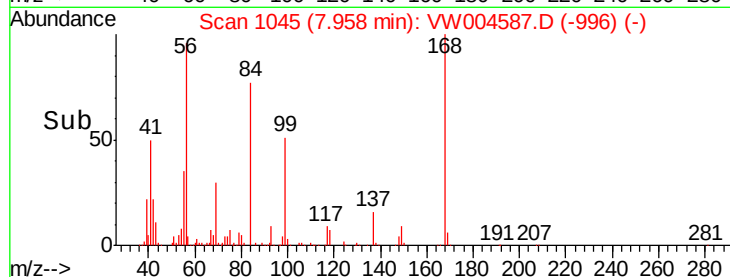
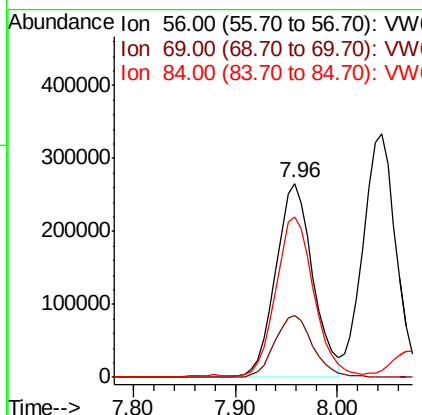
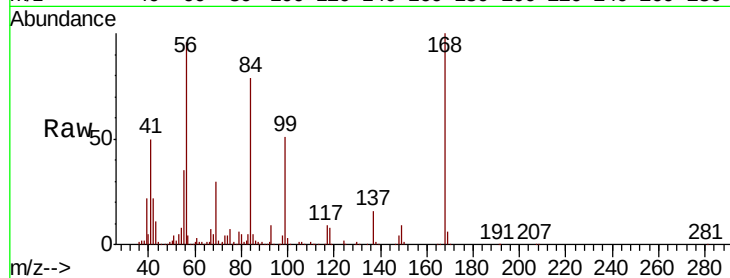
#31
Cyclohexane
Concen: 49.68 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.4	39.6
84	81.9	66.9	100.3

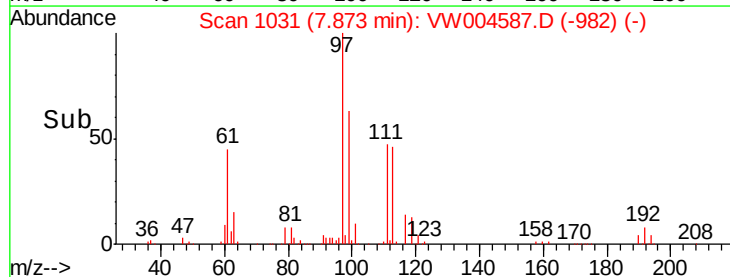
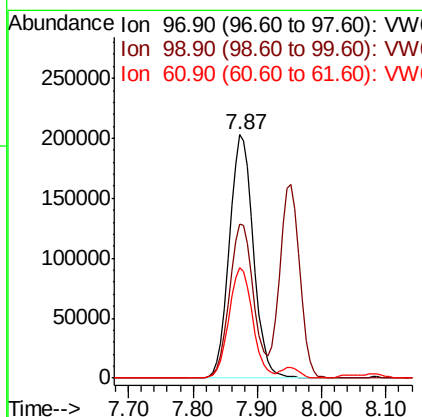
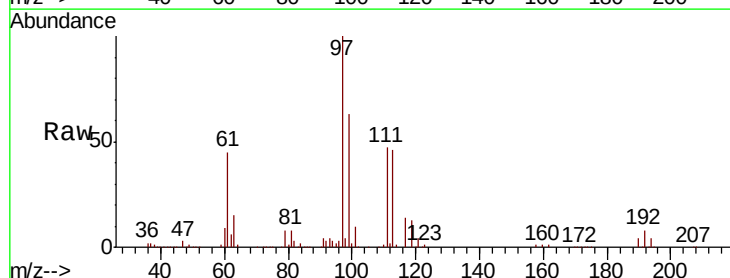
Manual Integrations
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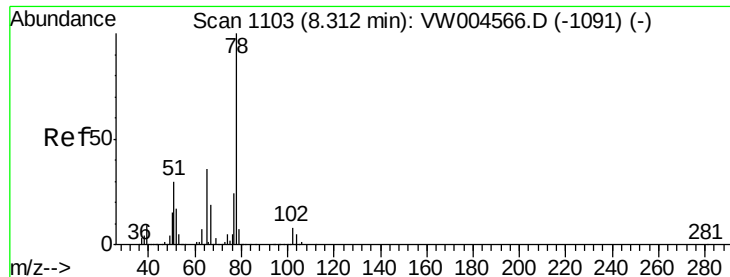
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#32
1,1,1-Trichloroethane
Concen: 51.17 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	45.0	35.7	53.5





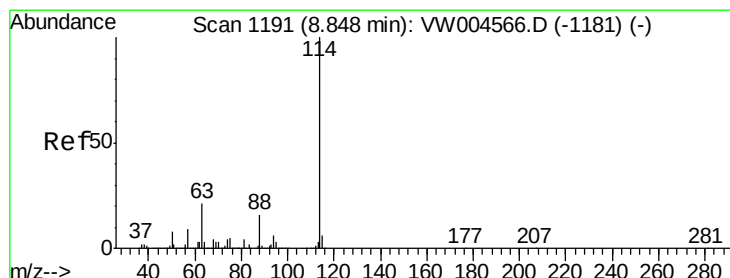
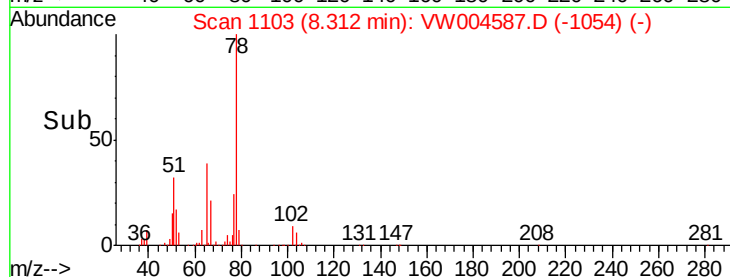
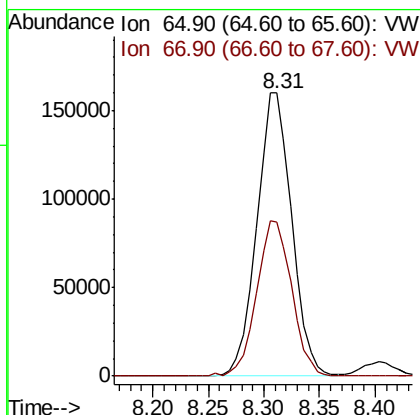
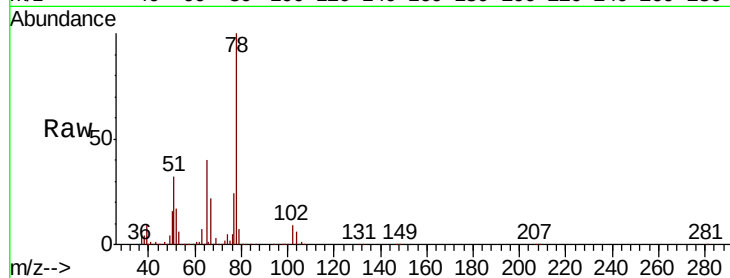
#33
 1,2-Dichloroethane-d4
 Concen: 48.52 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	109.0	

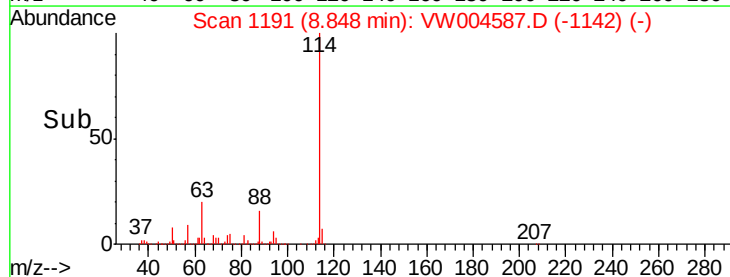
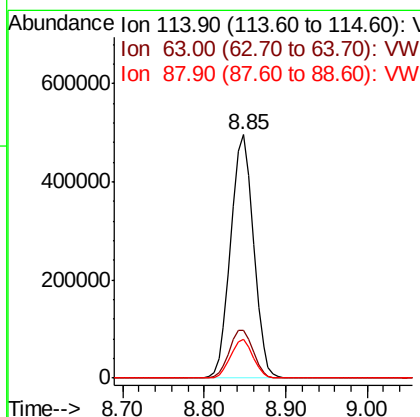
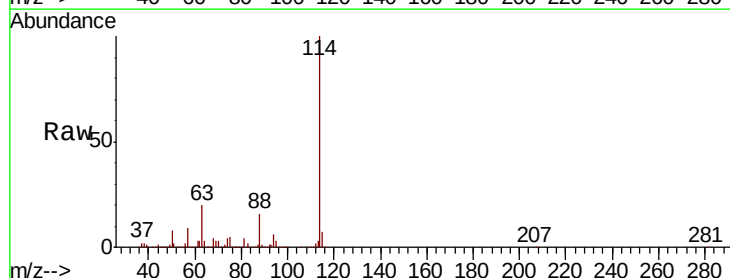
Manual Integrations
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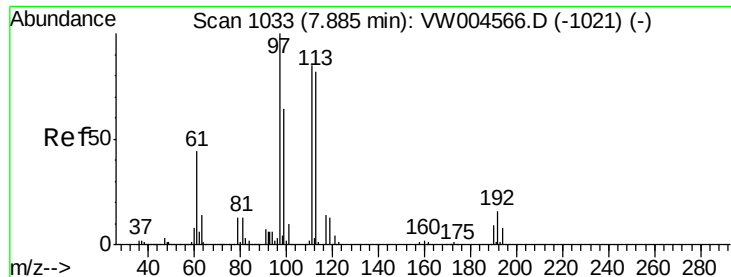
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	42.4	
88	15.9	0.0	31.2	





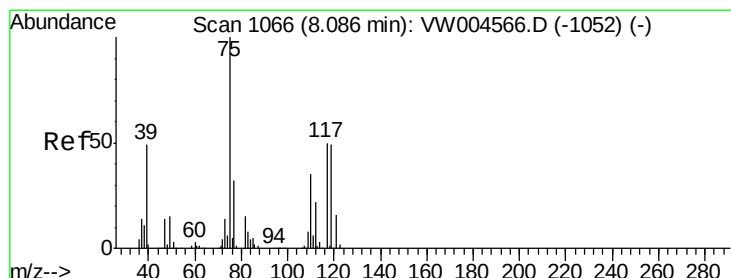
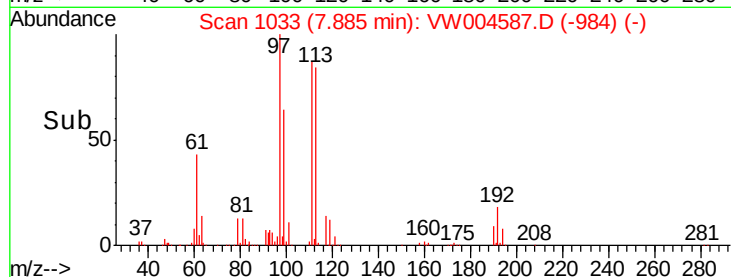
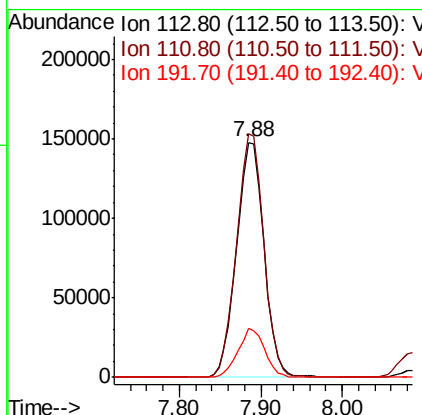
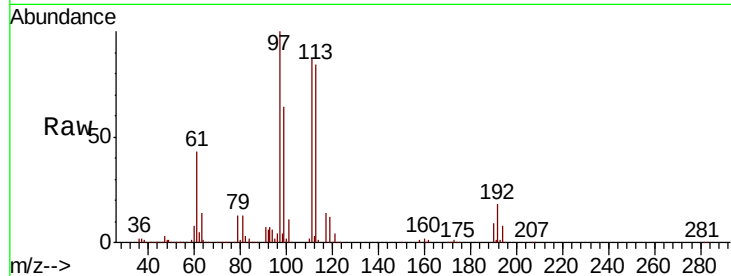
#35
 Dibromofluoromethane
 Concen: 54.03 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.2	15.8	23.6

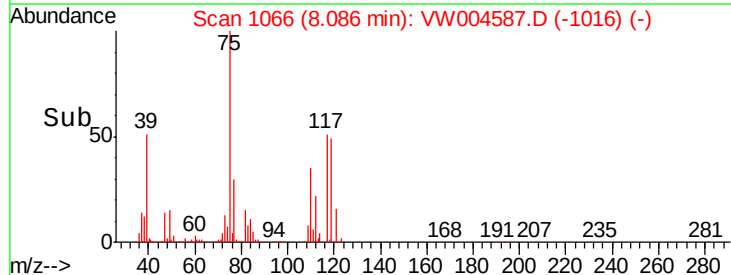
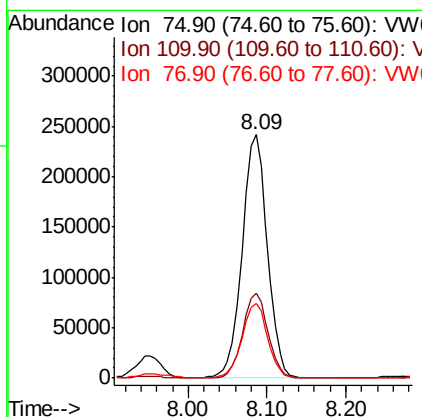
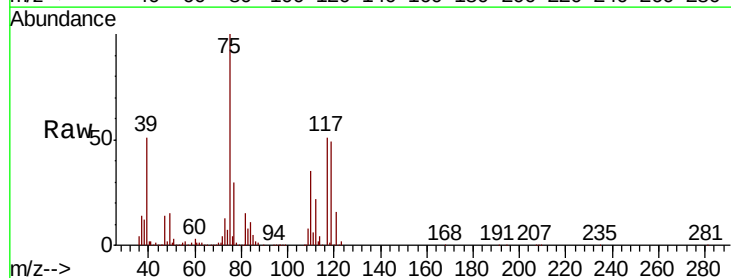
Manual Integrations
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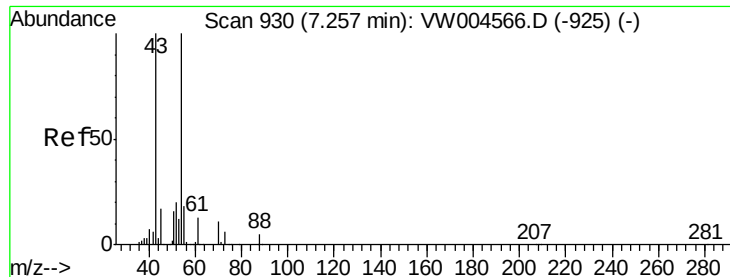
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#36
 1,1-Dichloropropene
 Concen: 52.02 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.4	24.7	37.1





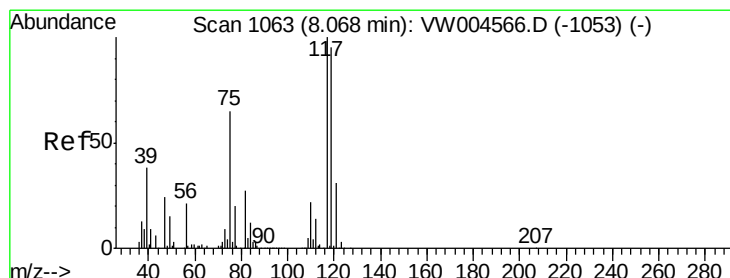
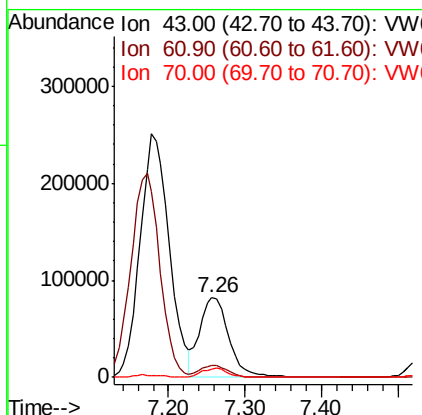
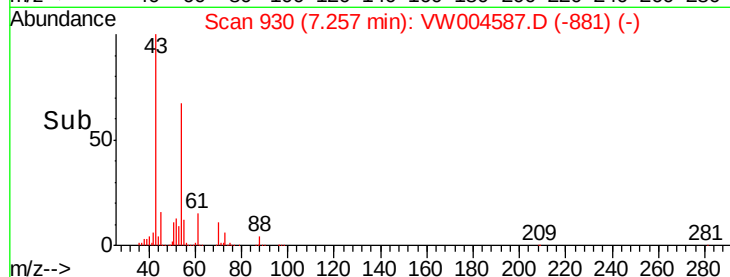
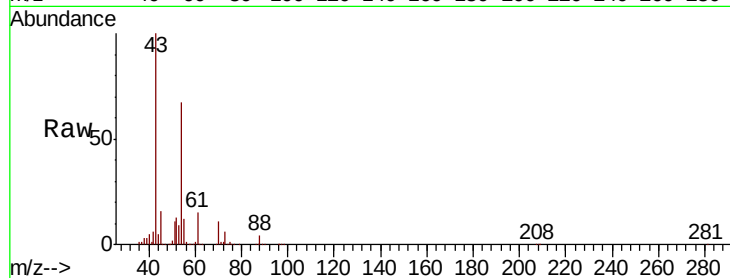
#37
Ethyl Acetate
Concen: 45.39 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	218417
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	10.7	8.2	12.4

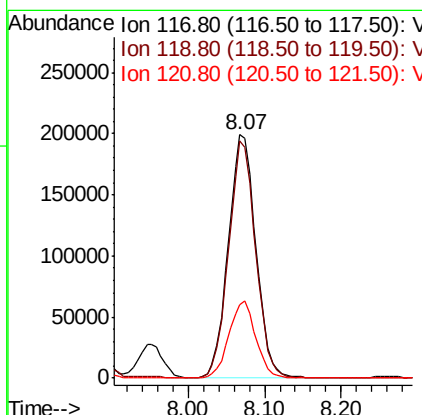
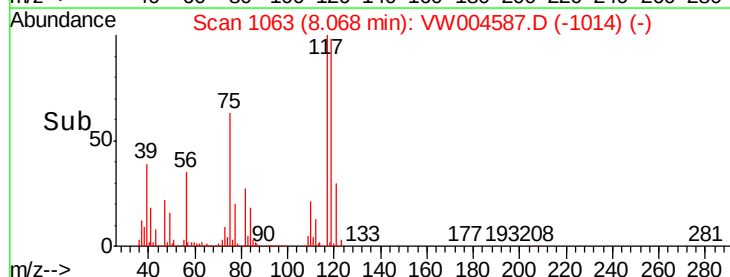
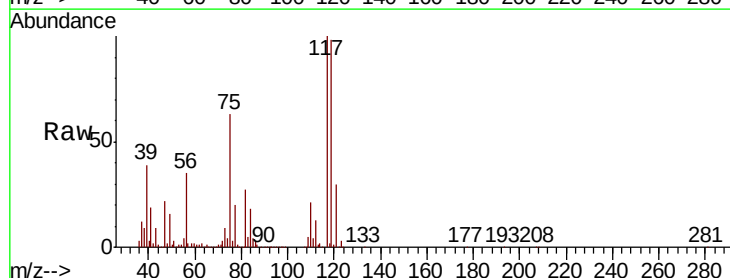
Manual Integrations
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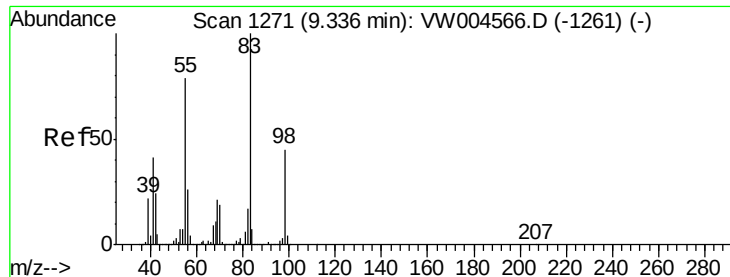
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#38
Carbon Tetrachloride
Concen: 53.61 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion:	117	Resp:	495631
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
121	30.3	24.2	36.4





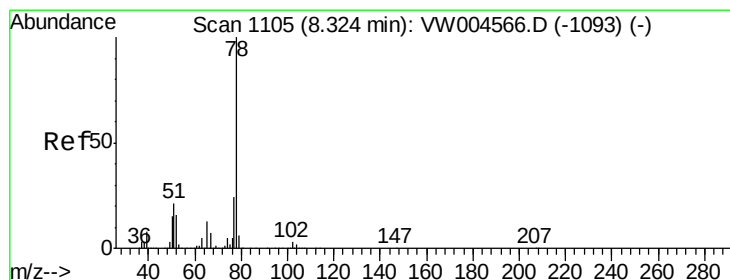
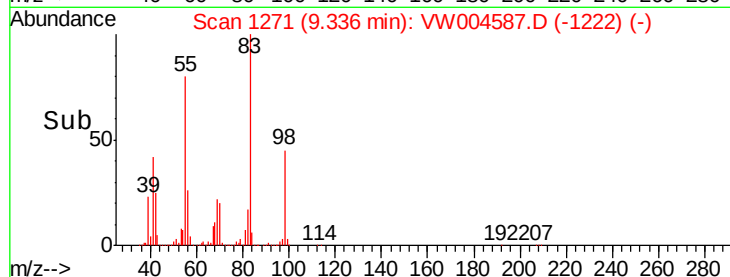
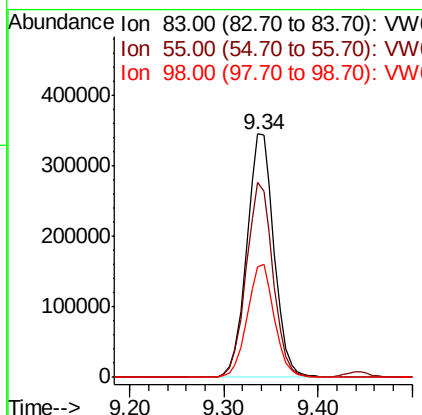
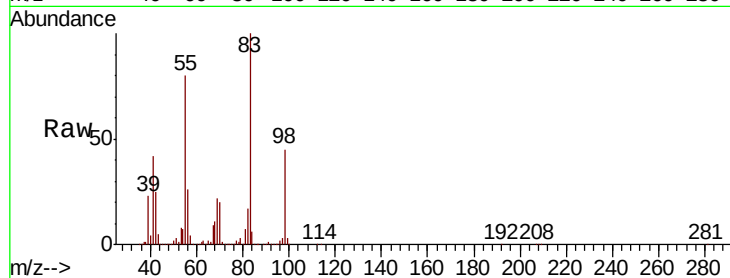
#39
Methylvlcyclohexane
Concen: 55.45 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	698350		
55	80.0	62.5	93.7	
98	45.5	35.4	53.2	

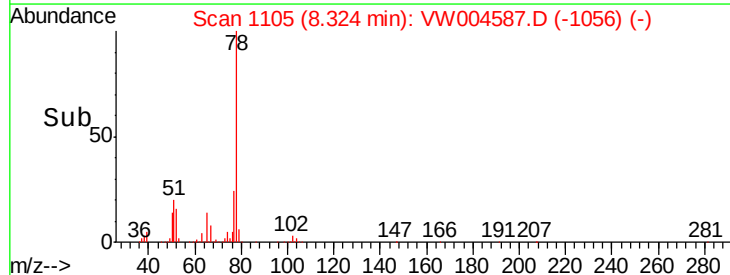
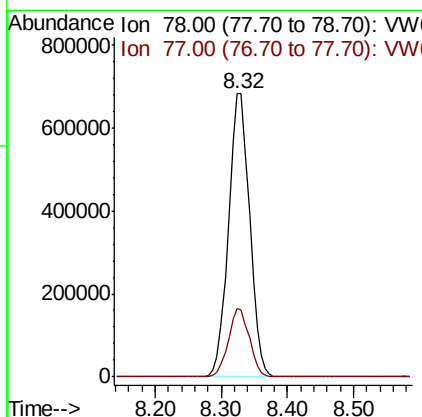
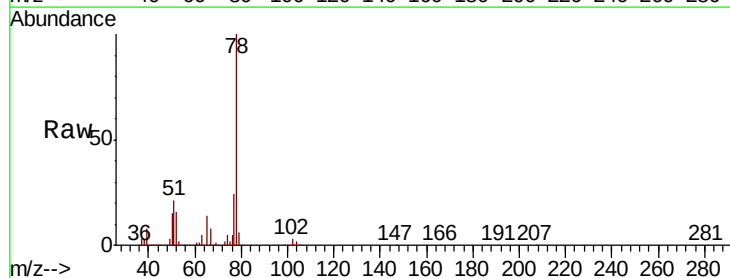
Manual Integrations
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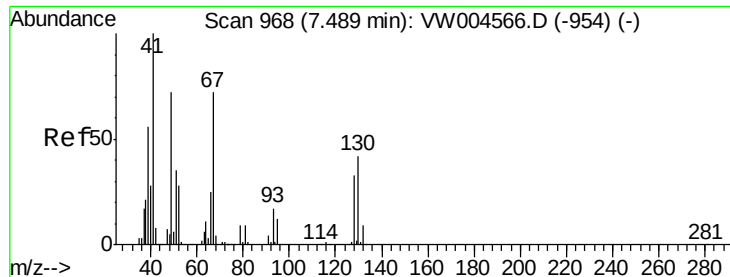
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#40
Benzene
Concen: 50.12 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1512097		
77	24.0	19.0	28.6	





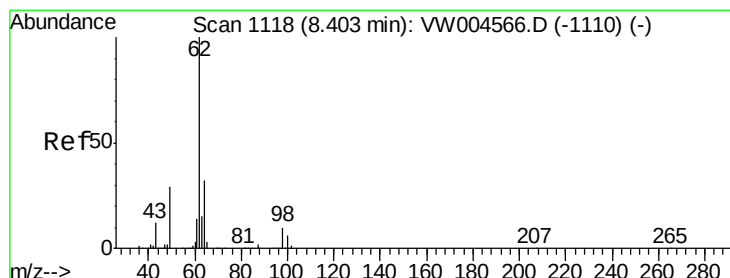
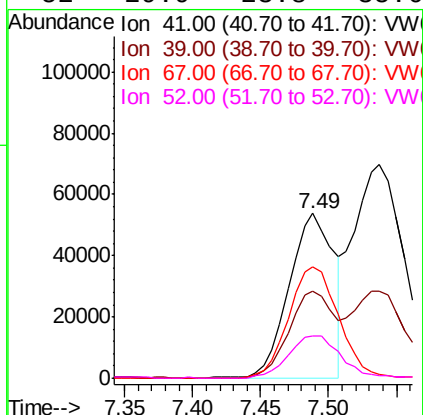
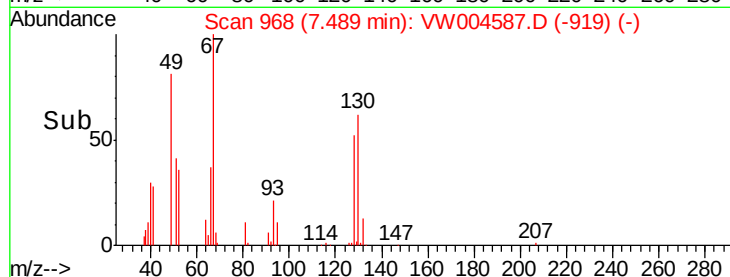
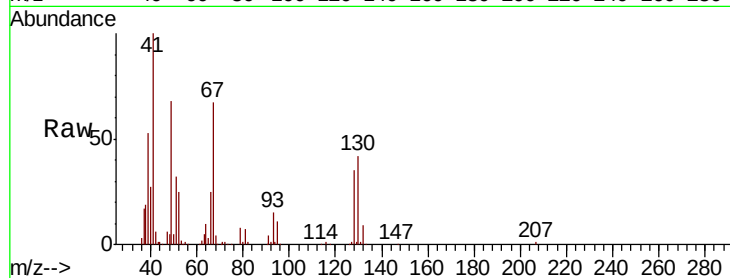
#41
Methacrylonitrile
Concen: 45.64 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		122665		
39	52.6	46.2	69.2		
67	76.6	60.8	91.2		
52	29.9	23.8	35.6		

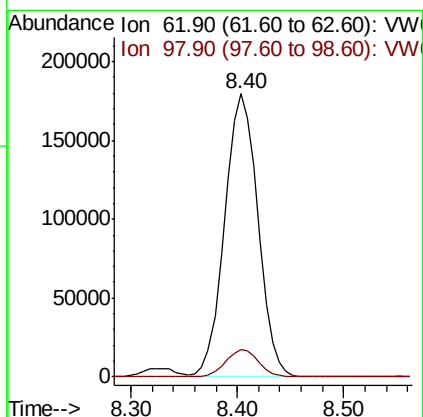
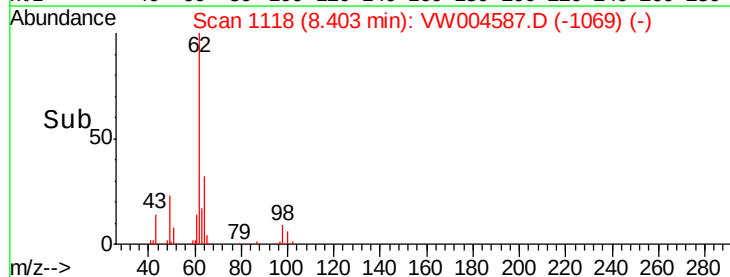
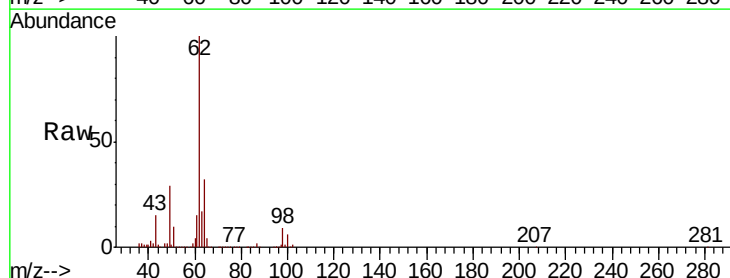
Manual Integrations
APPROVED

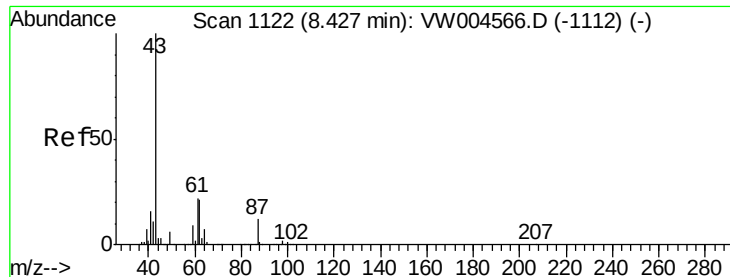
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#42
1,2-Dichloroethane
Concen: 47.21 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		394047		
98	9.6	0.0	19.6		





#43

Isopropyl Acetate

Concen: 45.45 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

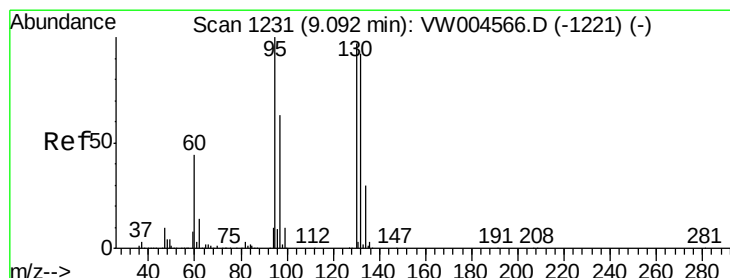
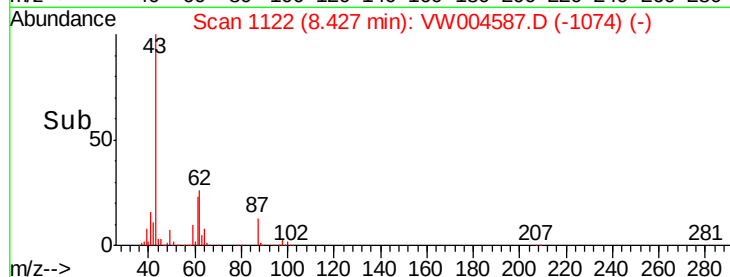
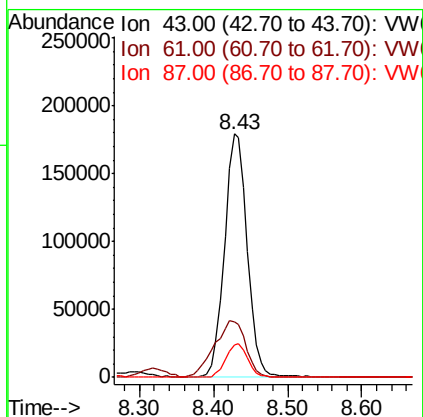
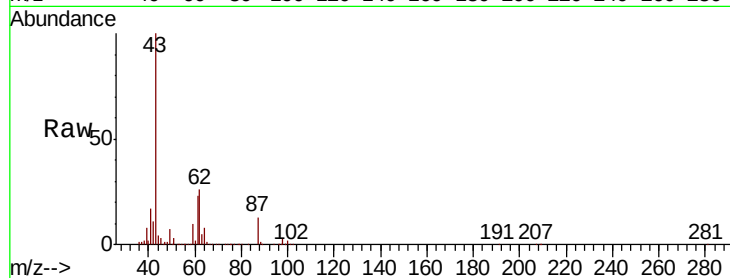
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	381253
Ion Ratio		Lower	Upper
43	100		
61	31.8	25.2	37.8
87	13.5	10.6	16.0

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#44

Trichloroethene

Concen: 49.58 ug/l

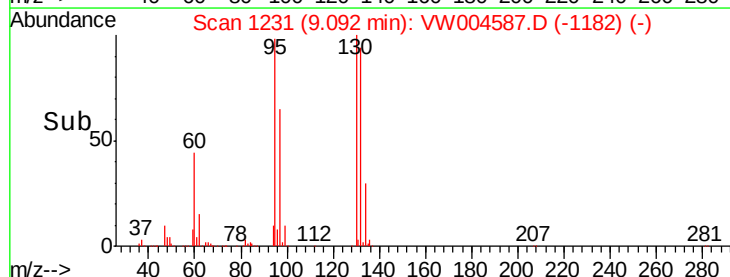
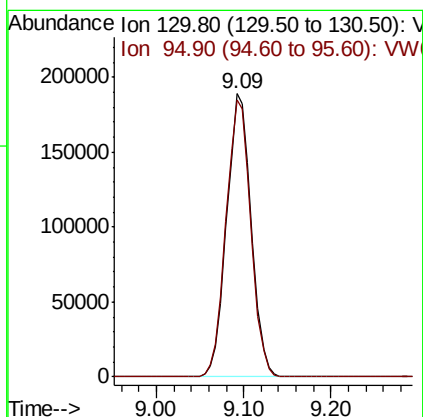
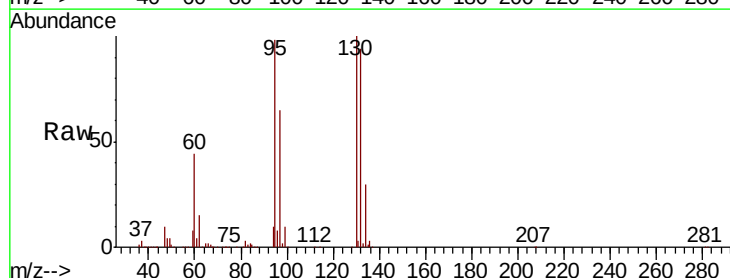
RT: 9.09 min Scan# 1231

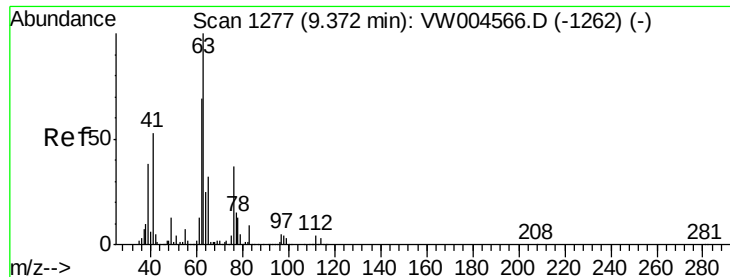
Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	130	Resp:	367565
Ion Ratio		Lower	Upper
130	100		
95	97.9	0.0	196.2





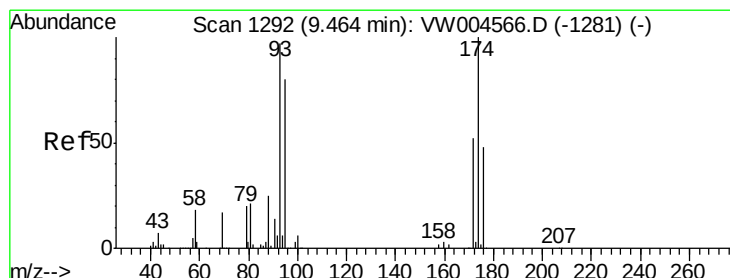
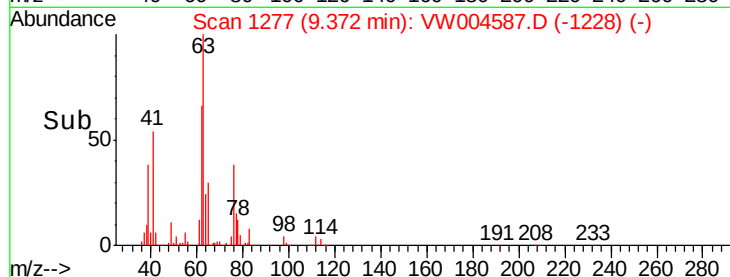
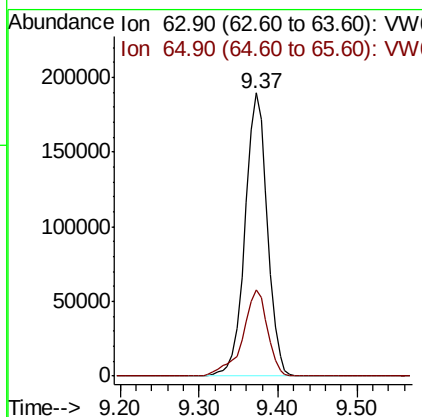
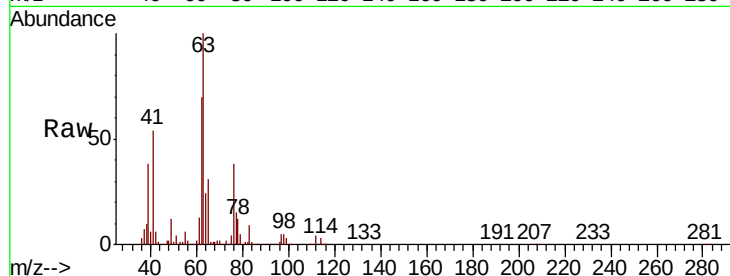
#45
 1,2-Dichloropropane
 Concen: 49.08 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.5	36.7

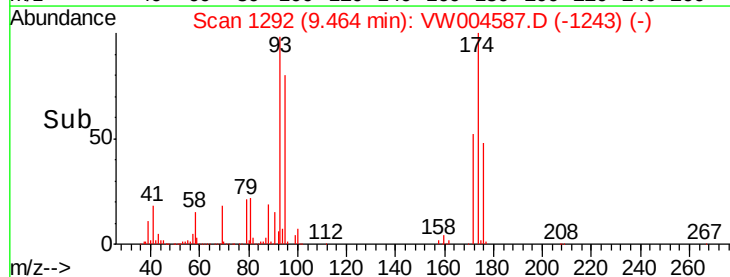
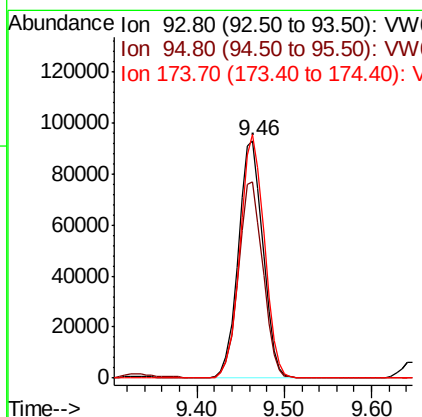
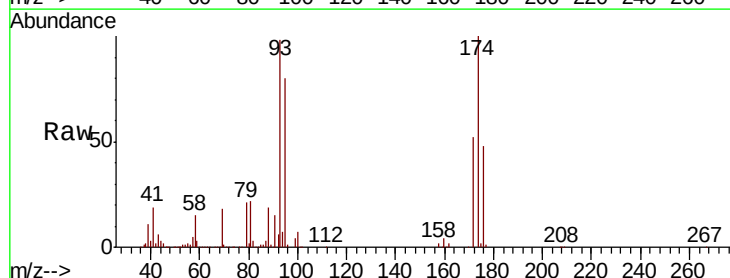
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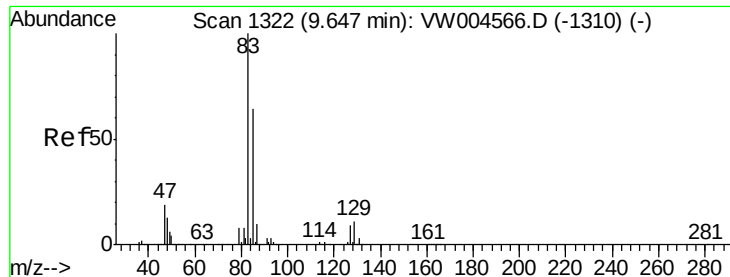
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#46
 Dibromomethane
 Concen: 47.36 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.0	100.4
174	100.8	80.2	120.4





#47

Bromodichloromethane

Concen: 47.36 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

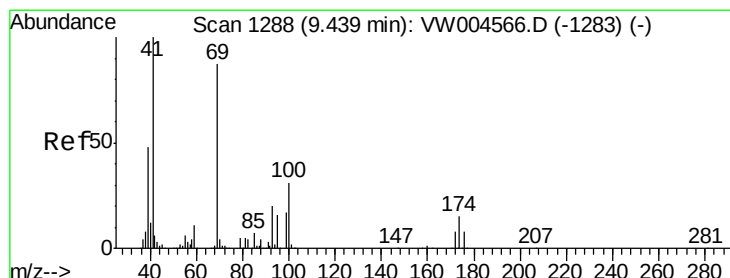
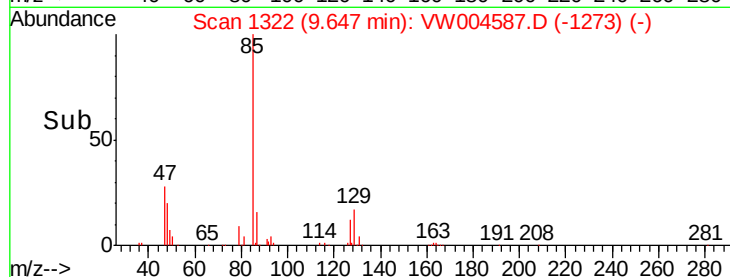
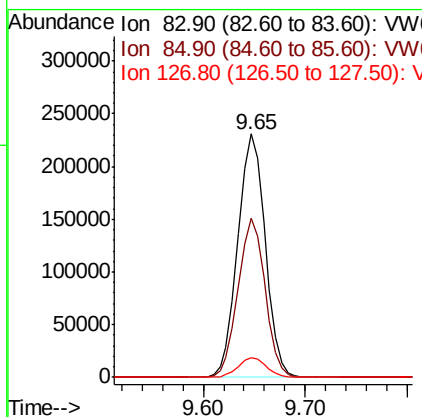
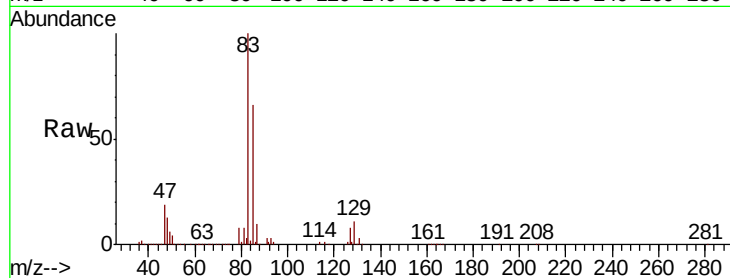
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	429992
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.7	76.1
127	7.9	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.09 ug/l

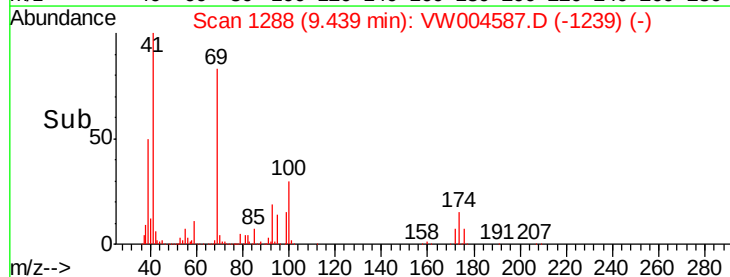
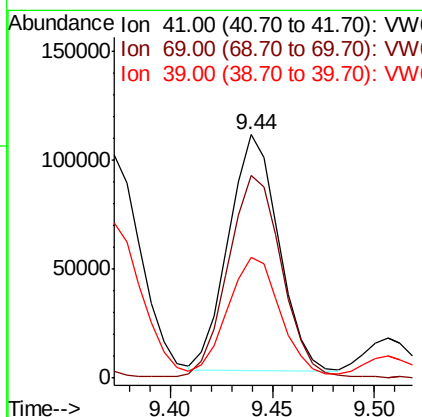
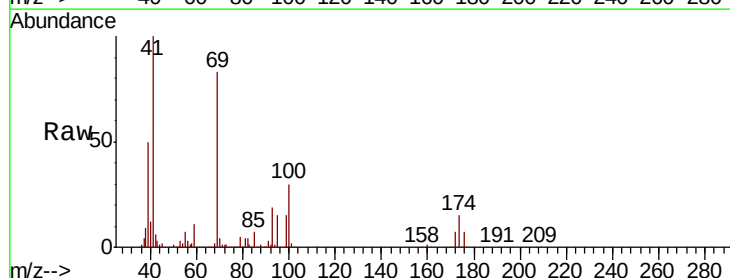
RT: 9.44 min Scan# 1288

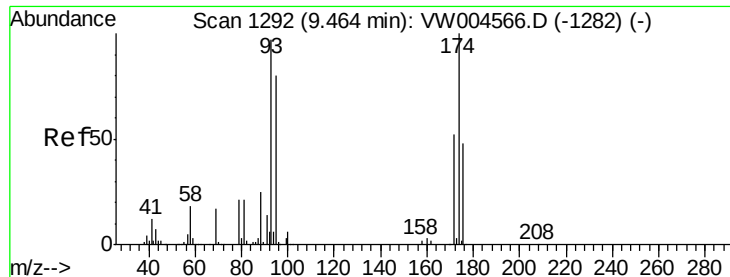
Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	41	Resp:	184615
Ion	Ratio	Lower	Upper
41	100		
69	93.2	73.2	109.8
39	50.6	40.6	60.8





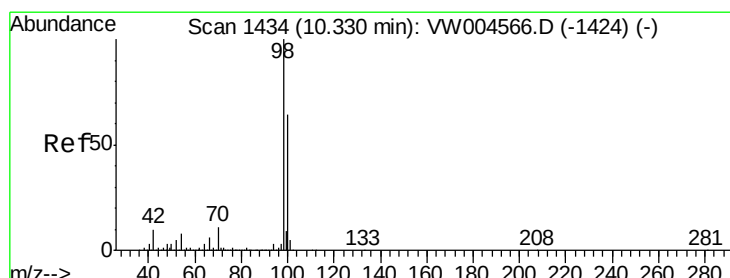
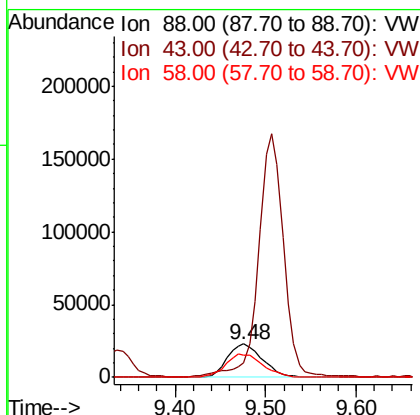
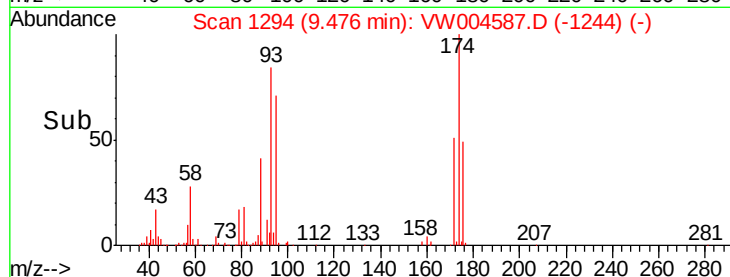
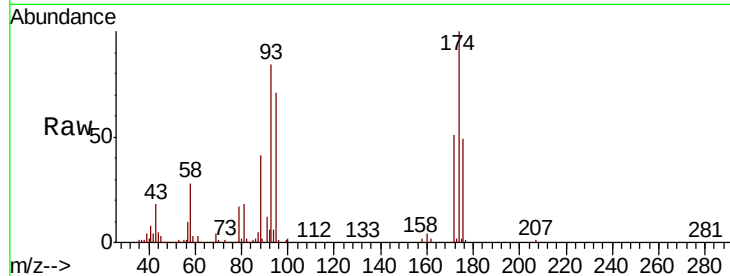
#49
1,4-Dioxane
Concen: 1055.43 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.8	63.5	95.3

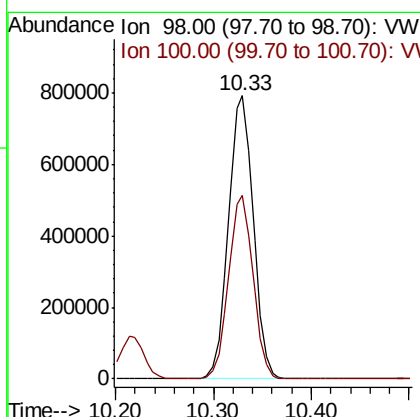
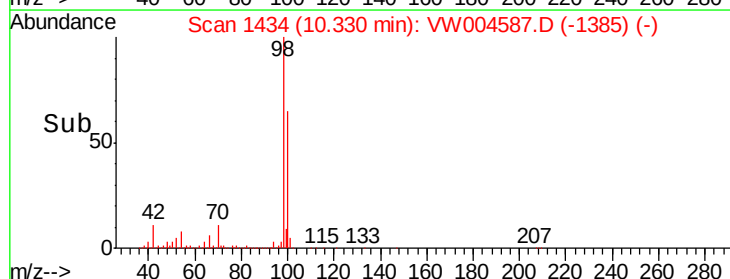
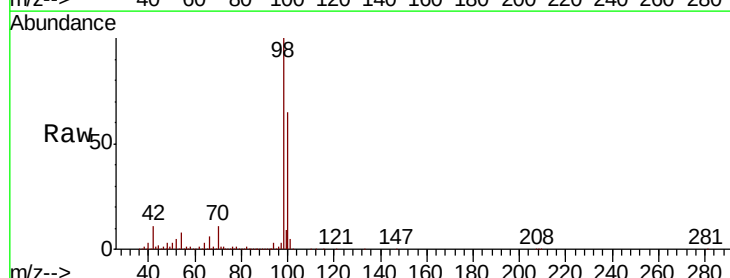
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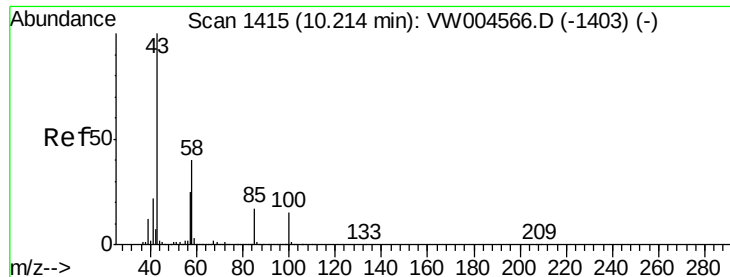
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#50
Toluene-d8
Concen: 57.33 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 234.22 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1367463

Ion Ratio Lower Upper

43 100

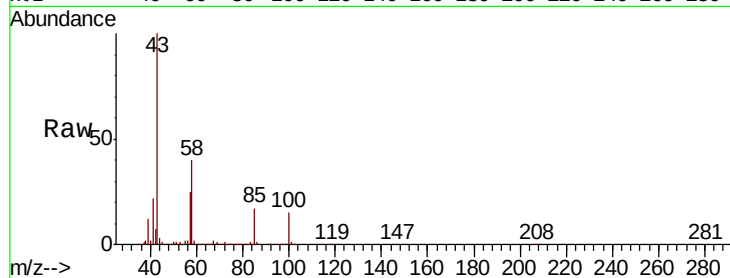
58 40.0 31.9 47.9

Manual Integrations

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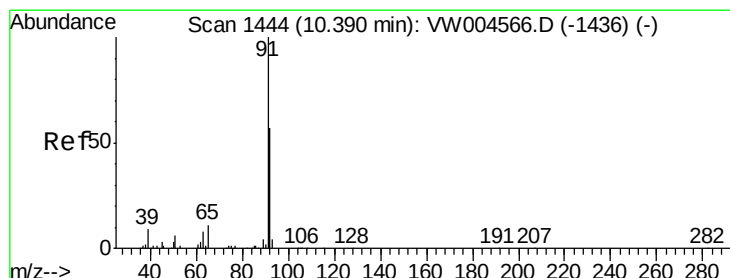
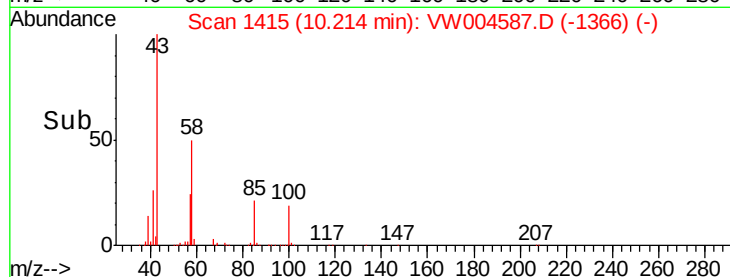
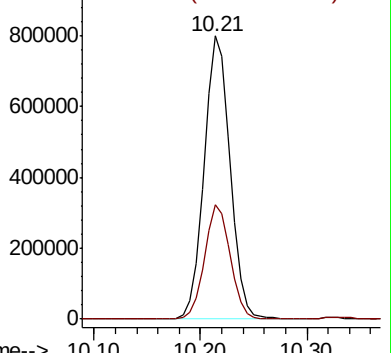
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.79 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004587.D

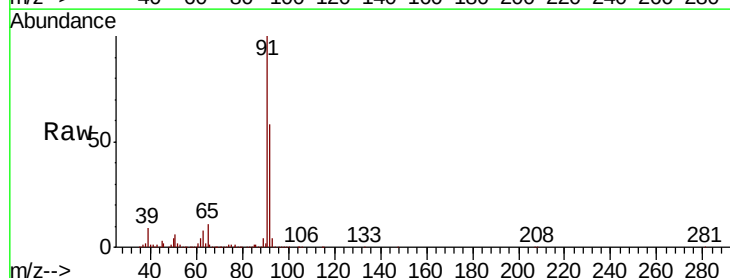
Acq: 10 Aug 2018 10:36

Tgt Ion: 92 Resp: 921352

Ion Ratio Lower Upper

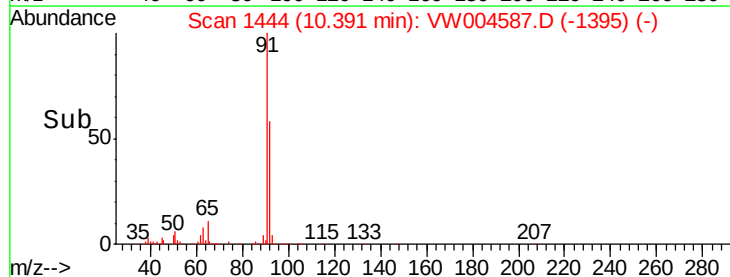
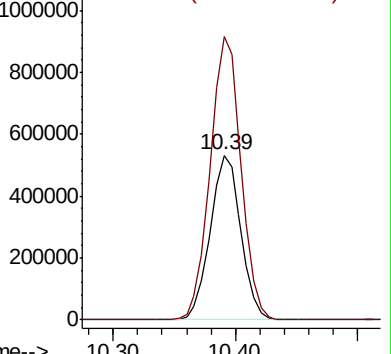
92 100

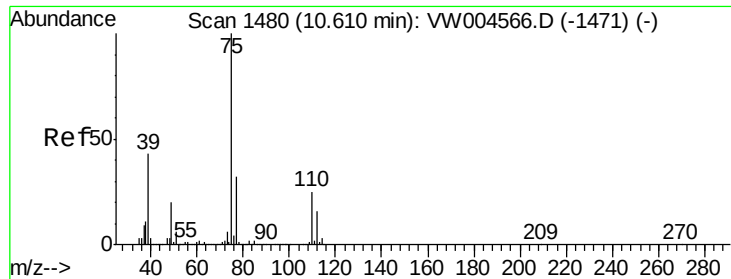
91 173.3 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





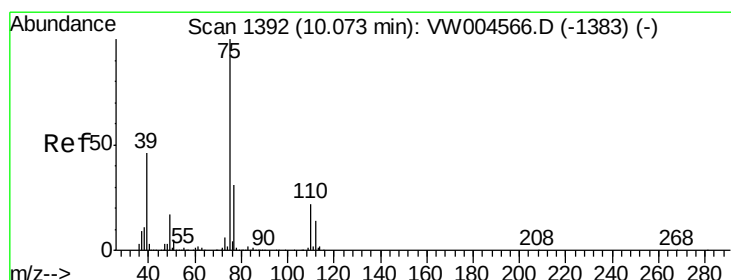
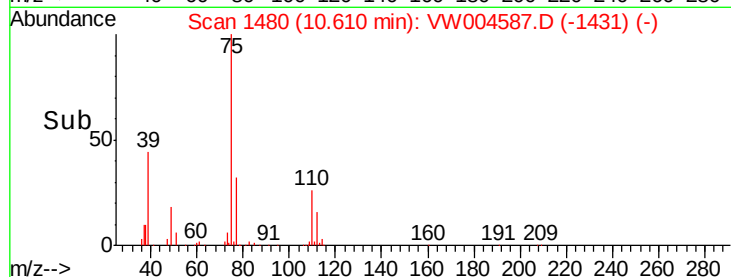
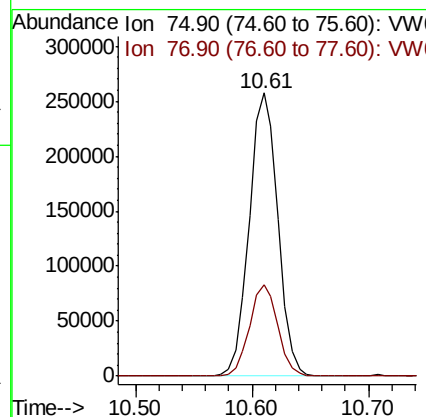
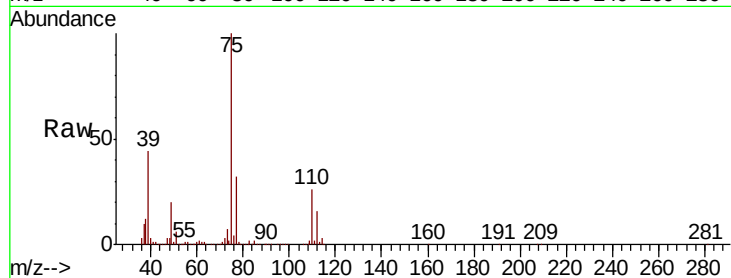
#53
t-1,3-Dichloropropene
Concen: 48.24 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 439785
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7

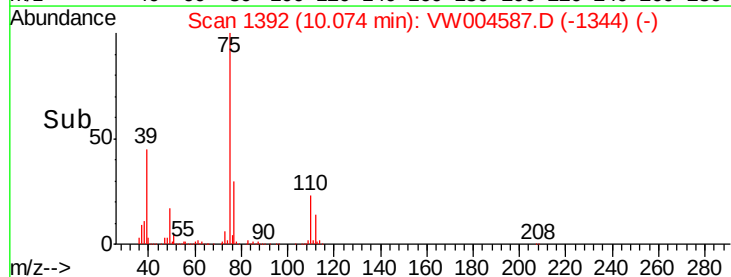
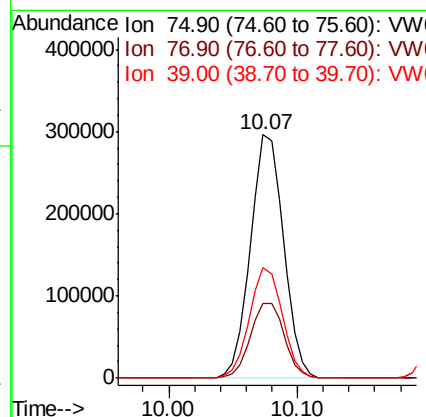
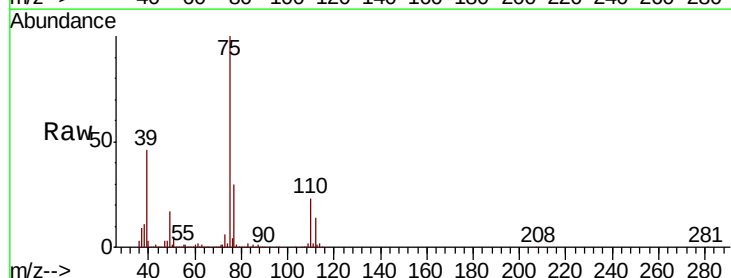
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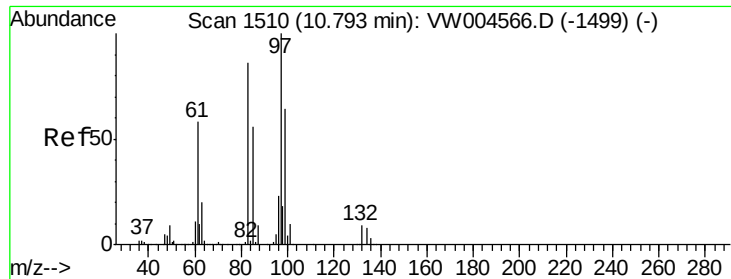
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#54
cis-1,3-Dichloropropene
Concen: 49.47 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 75 Resp: 525603
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9
39 45.5 34.5 51.7





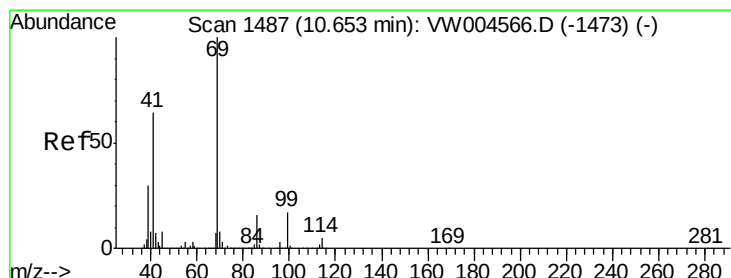
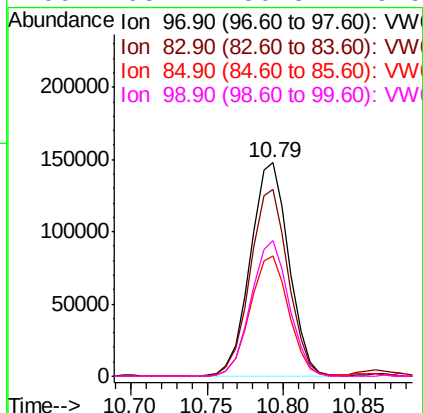
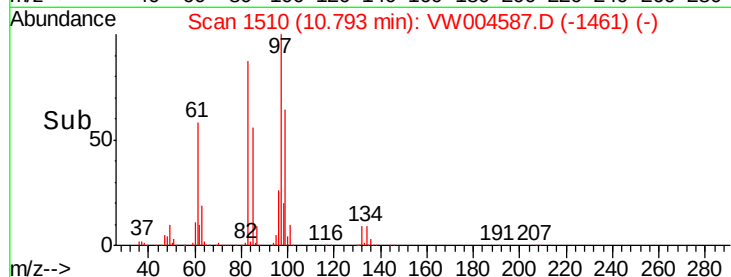
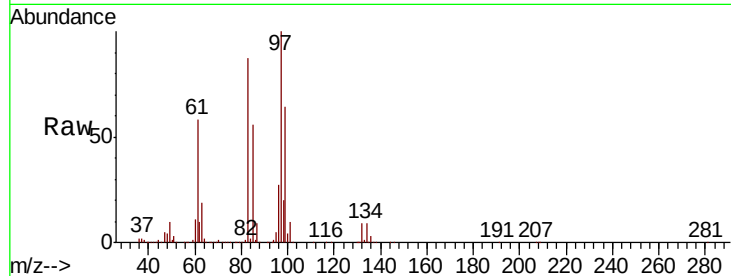
#55
 1,1,2-Trichloroethane
 Concen: 46.99 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	259040
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.8	104.8
85	56.3	45.1	67.7
99	63.4	50.3	75.5

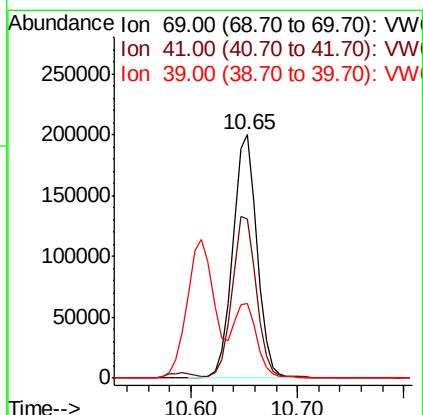
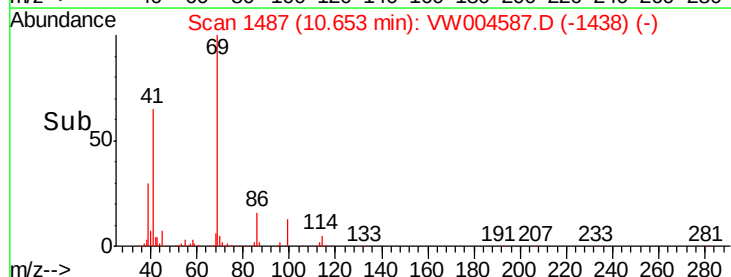
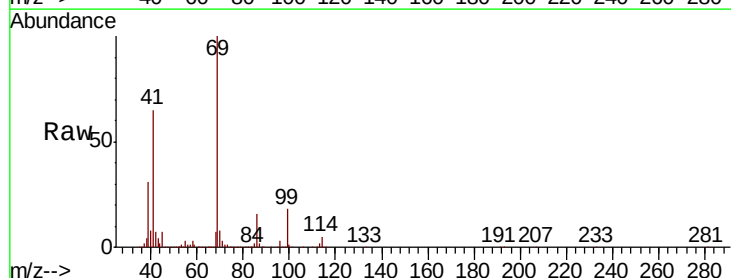
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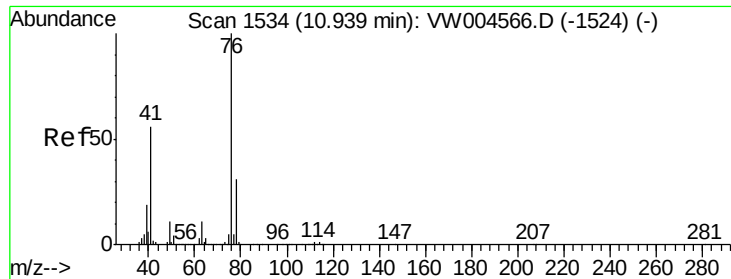
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#56
 Ethyl methacrylate
 Concen: 48.25 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion:	69	Resp:	318459
Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.4	78.6
39	28.8	22.7	34.1





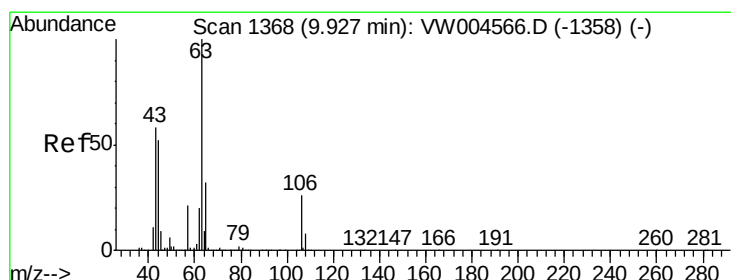
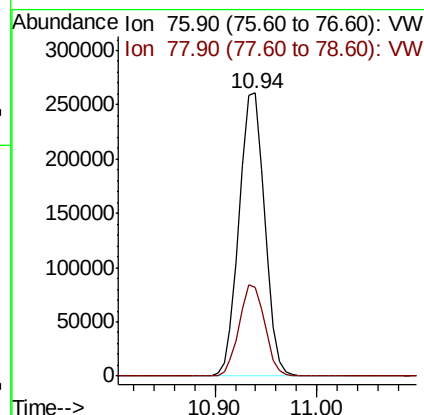
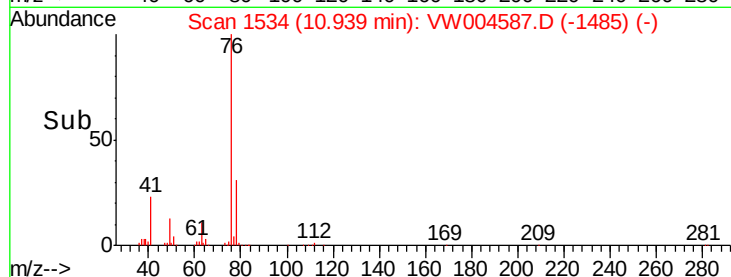
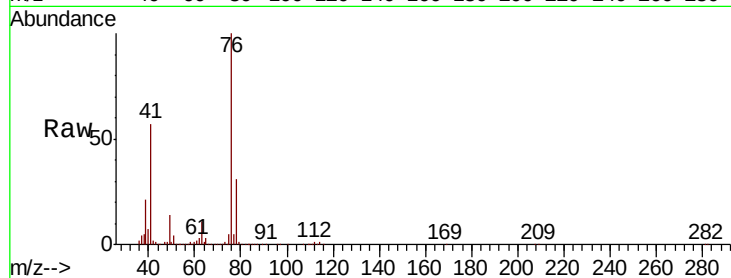
#57
 1,3-Dichloropropane
 Concen: 47.59 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

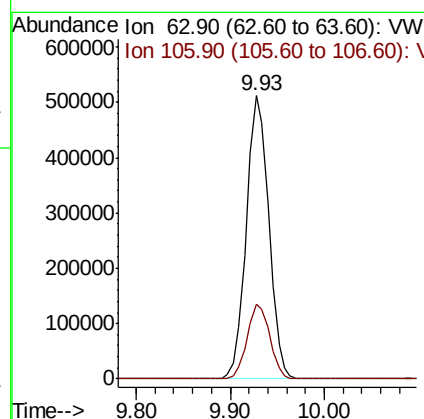
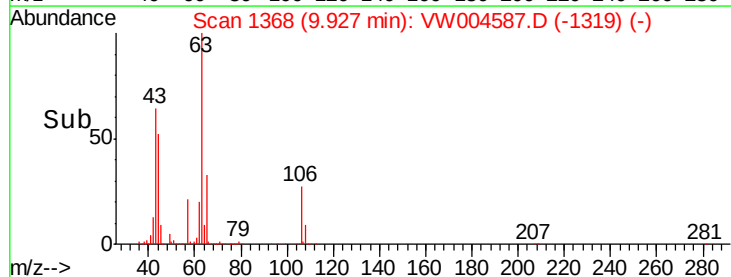
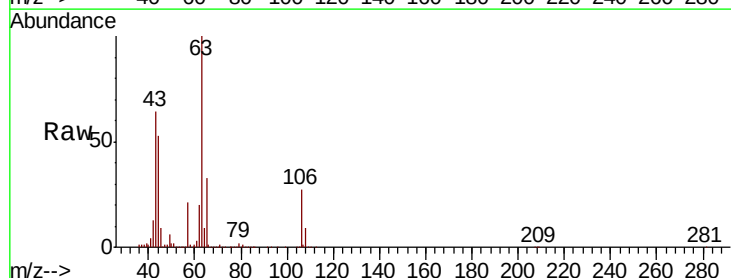
Manual Integrations
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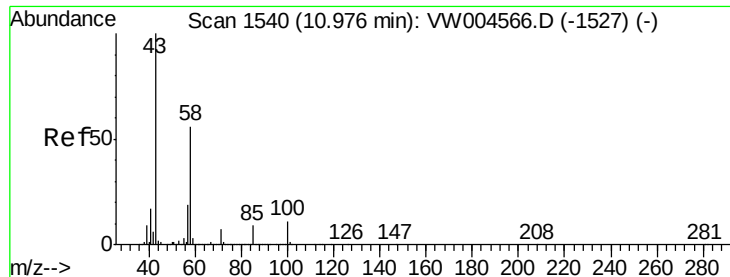
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#58
 2-Chloroethyl Vinyl ether
 Concen: 242.17 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.3	31.9





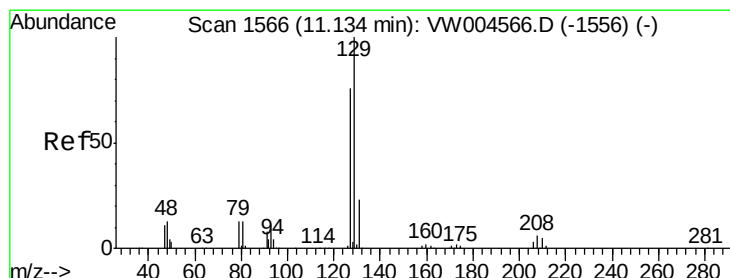
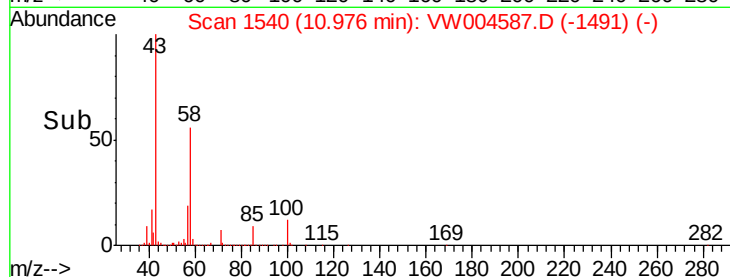
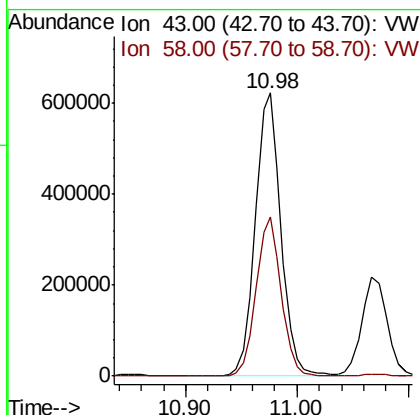
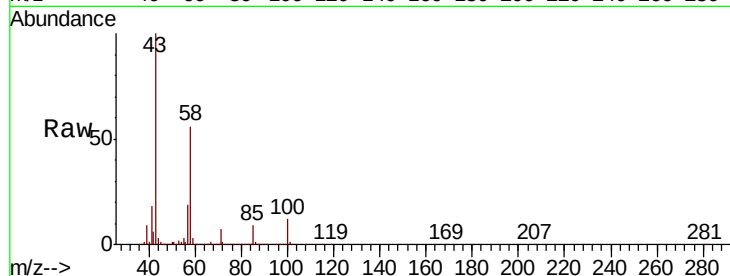
#59
2-Hexanone
Concen: 252.01 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.9	83.6

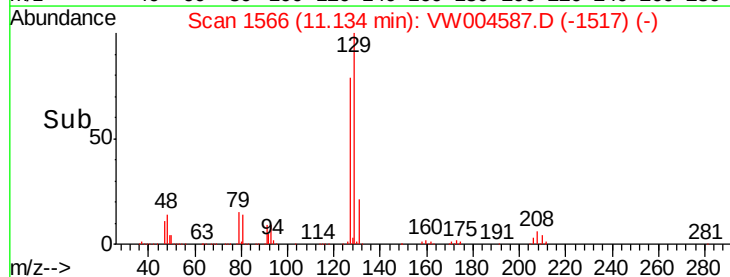
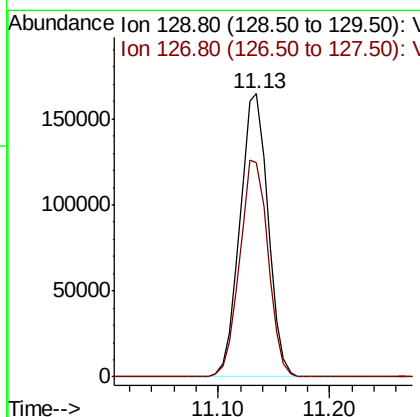
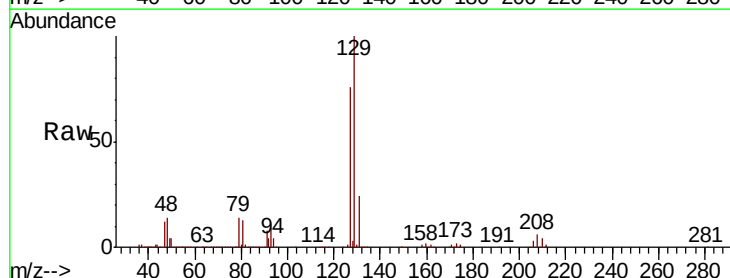
Manual Integrations
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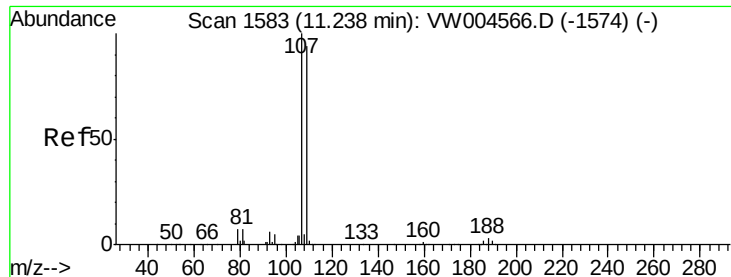
apatel
8/13/2018 12:57:06 PM



#60
Dibromochloromethane
Concen: 48.11 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	115.8





#61

1,2-Dibromoethane

Concen: 47.28 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 244873

Ion Ratio Lower Upper

107 100

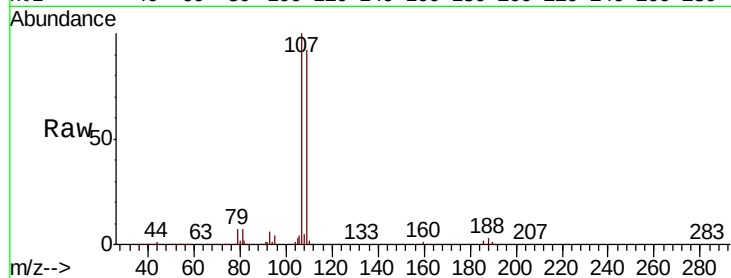
109 93.7 75.7 113.5

Manual Integrations

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apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

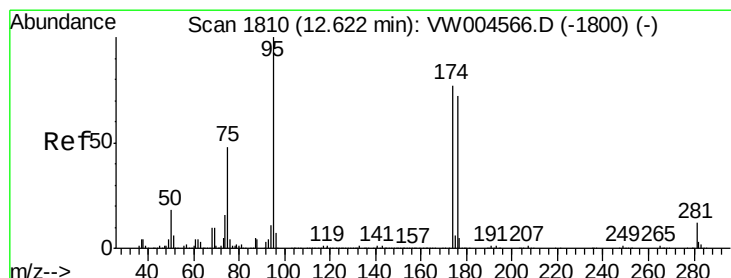
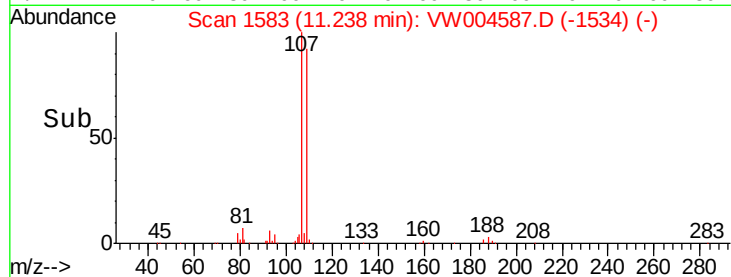
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.23 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

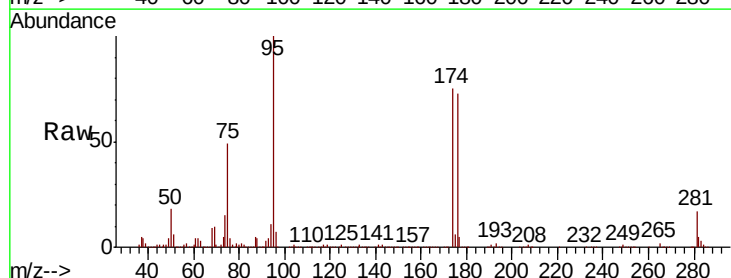
Tgt Ion: 95 Resp: 491293

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.4

176 77.7 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

400000

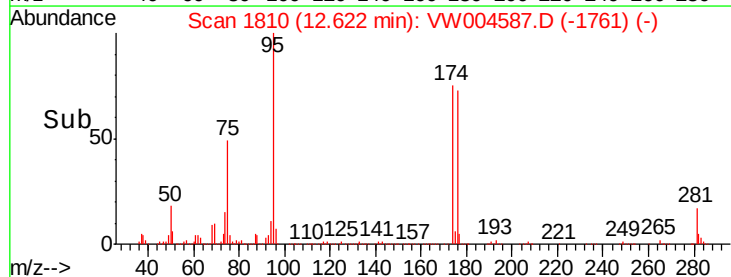
300000

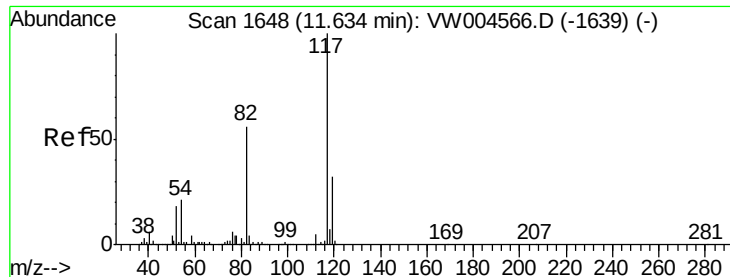
200000

100000

0

Time-->





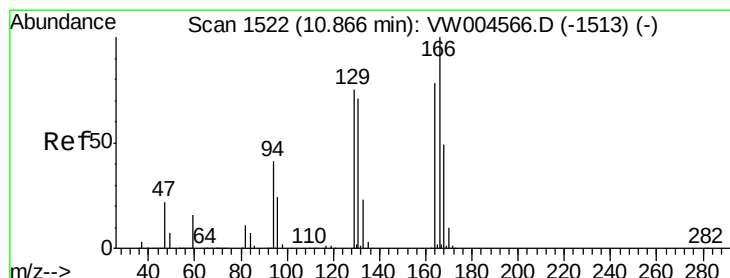
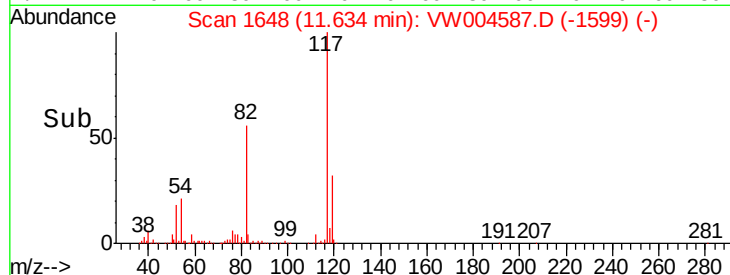
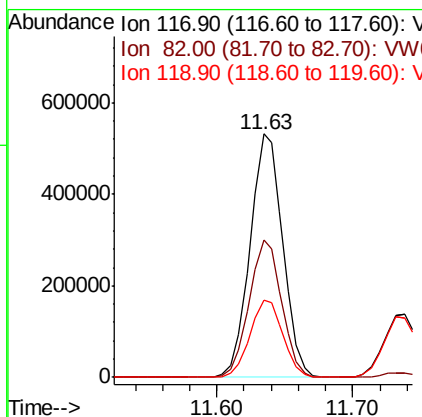
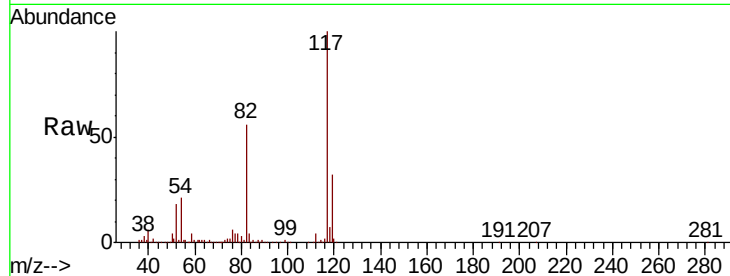
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	895847		
82	56.2	45.3	67.9	
119	31.9	26.2	39.4	

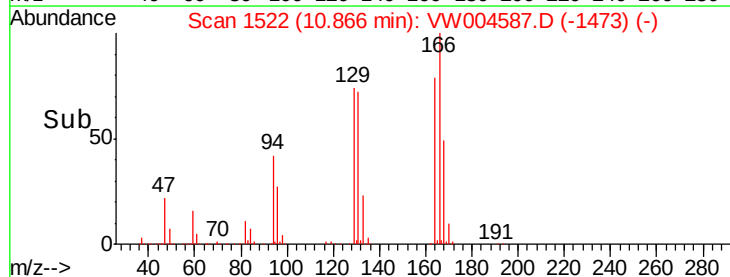
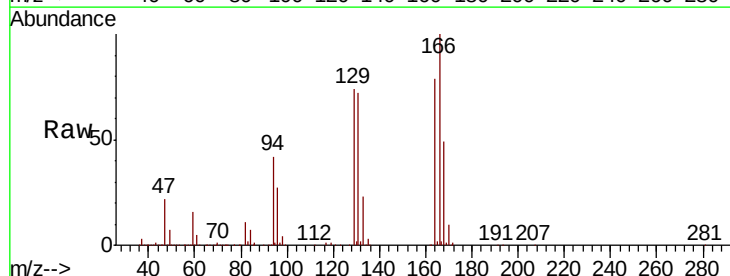
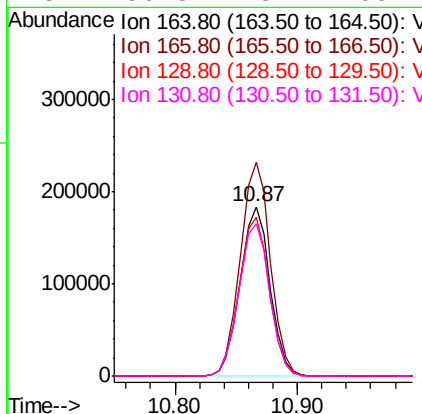
Manual Integrations
APPROVED

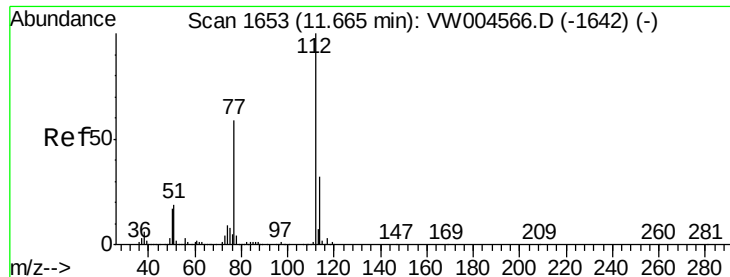
apatel
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#64
Tetrachloroethene
Concen: 49.73 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	310796		
166	126.2	98.4	147.6	
129	93.8	73.6	110.4	
131	90.3	73.1	109.7	





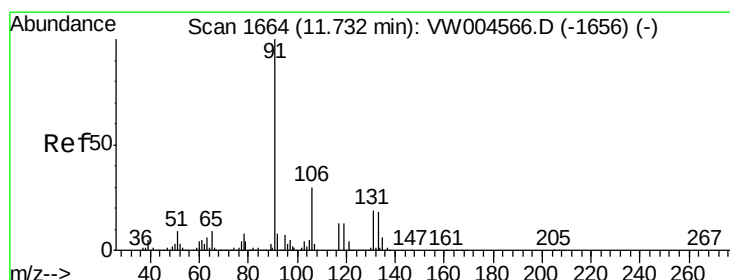
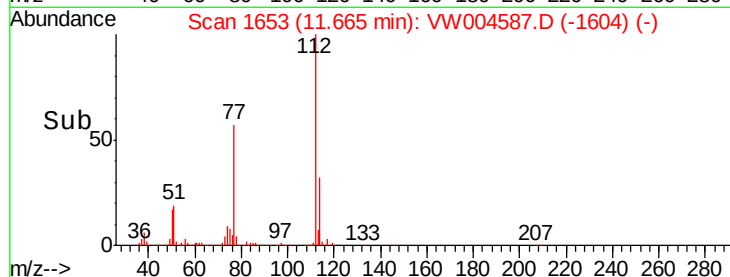
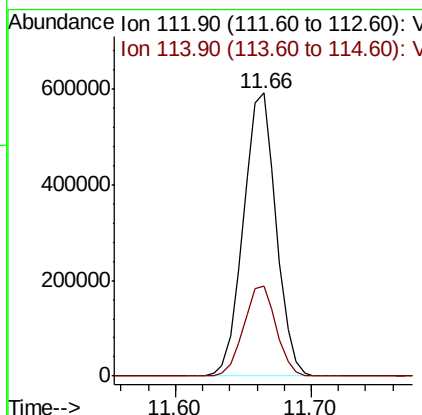
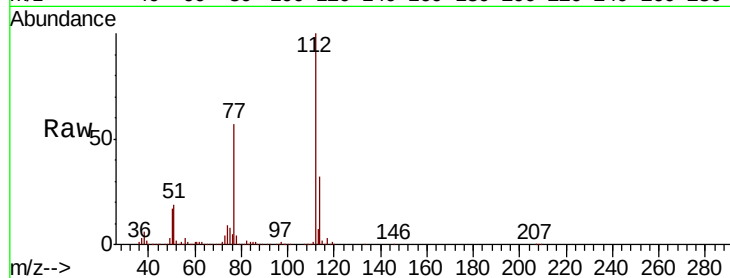
#65
Chlorobenzene
Concen: 50.28 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.0	39.0

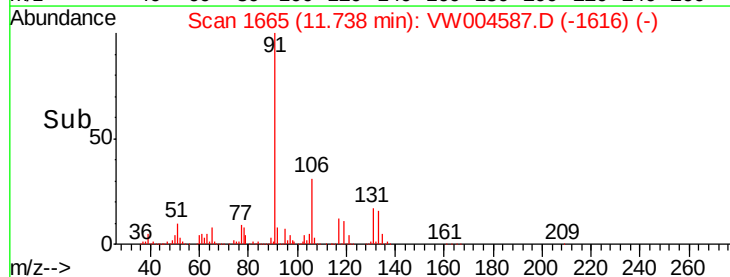
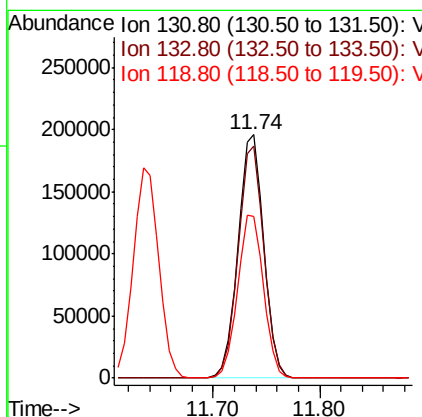
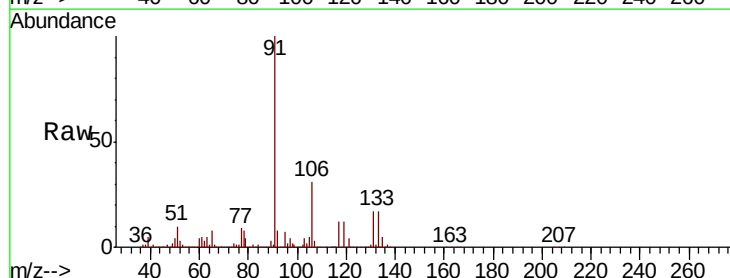
Manual Integrations
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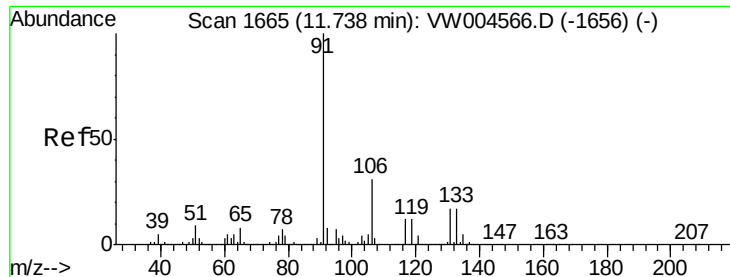
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.40 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.1	144.4
119	67.8	33.9	101.7





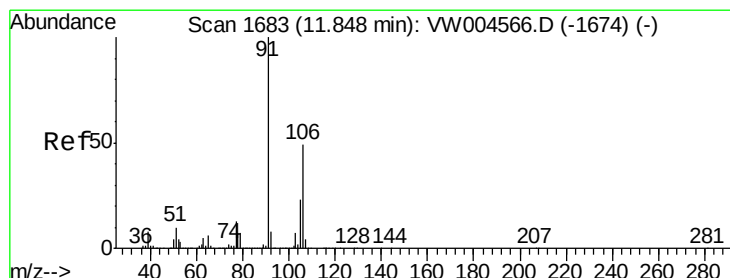
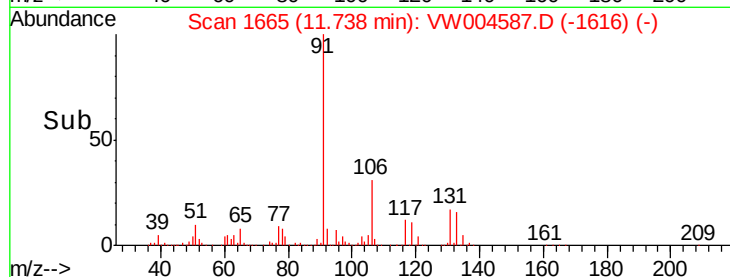
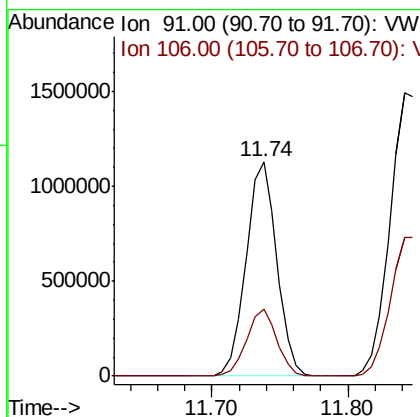
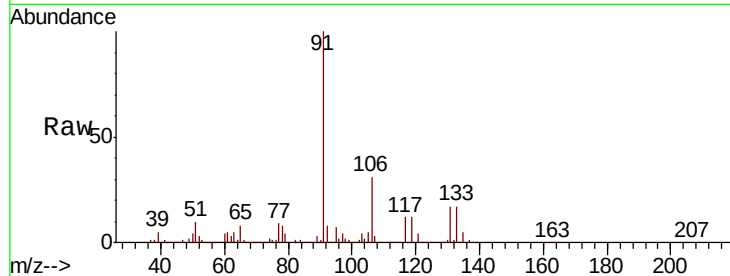
#67
Ethyl Benzene
Concen: 53.12 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1777825
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

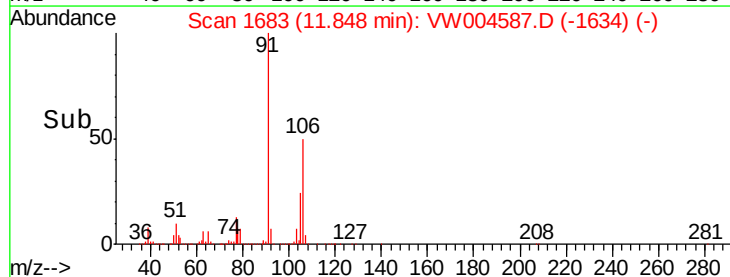
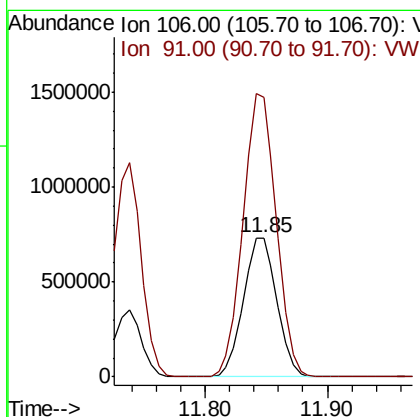
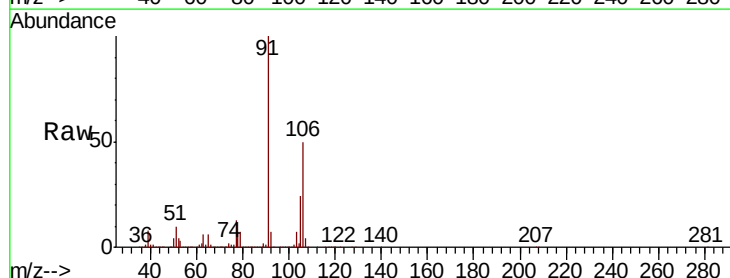
Manual Integrations
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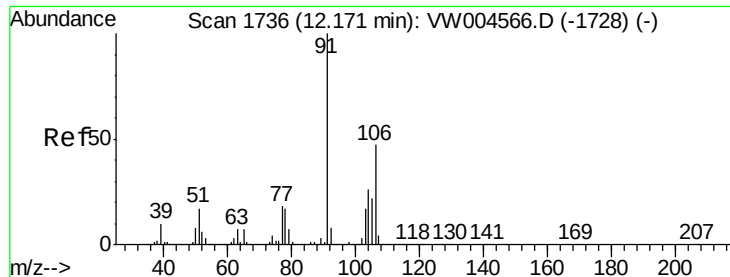
apatel
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#68
m/p-Xylenes
Concen: 107.12 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 106 Resp: 1385552
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





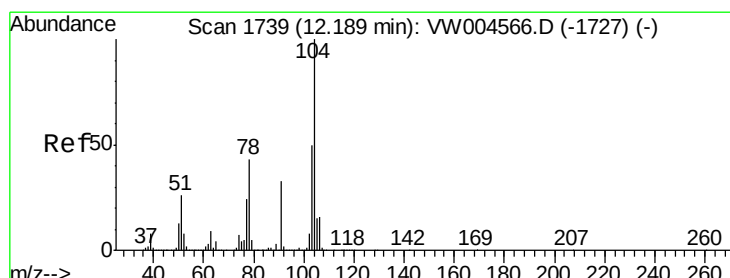
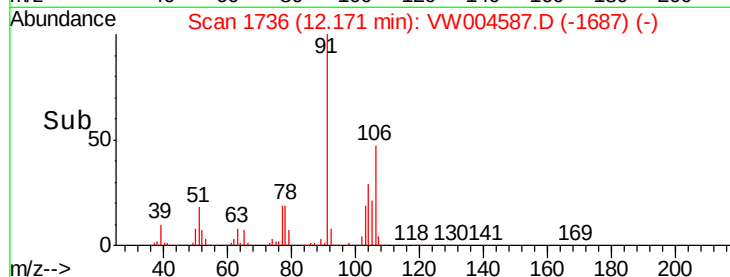
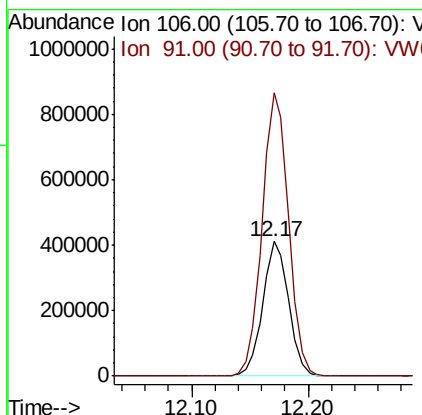
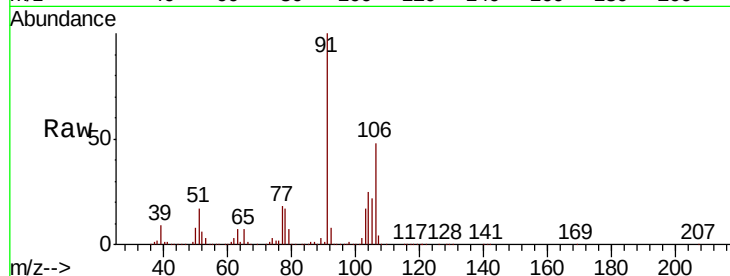
#69
o-Xylene
Concen: 53.18 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
637887	106	100		
	91	213.6	106.7	320.2

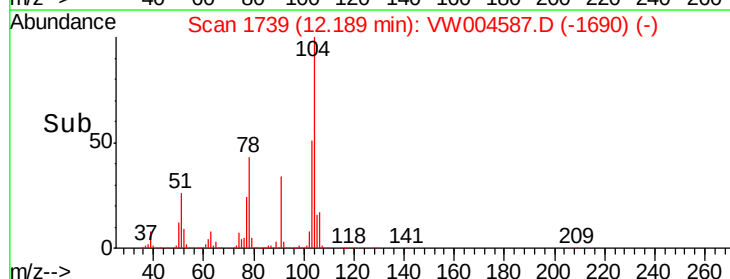
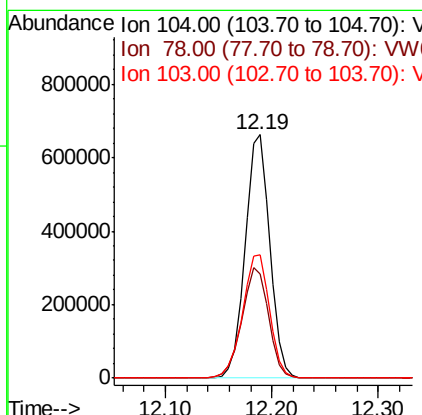
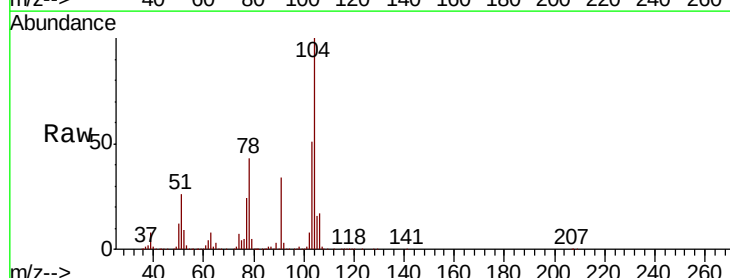
Manual Integrations
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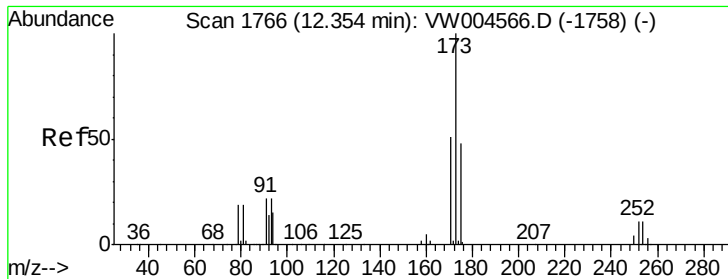
apatel
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#70
Styrene
Concen: 53.31 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
1080434	104	100		
	78	48.9	39.0	58.4
	103	55.5	44.2	66.2





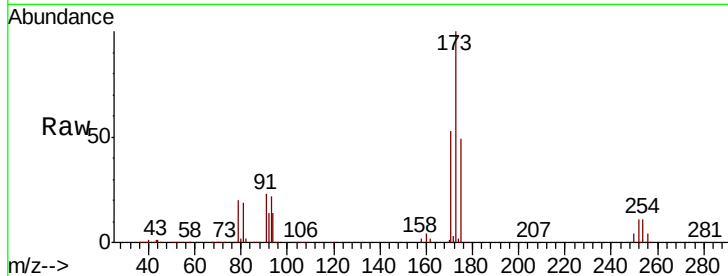
#71
Bromoform
Concen: 47.06 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

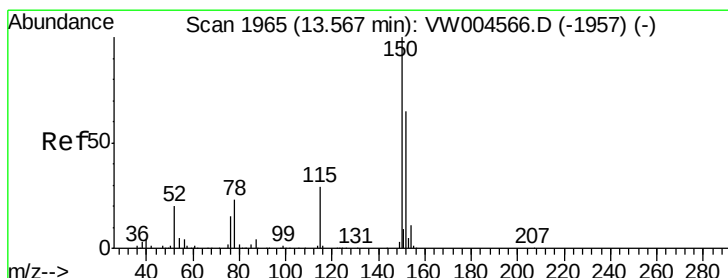
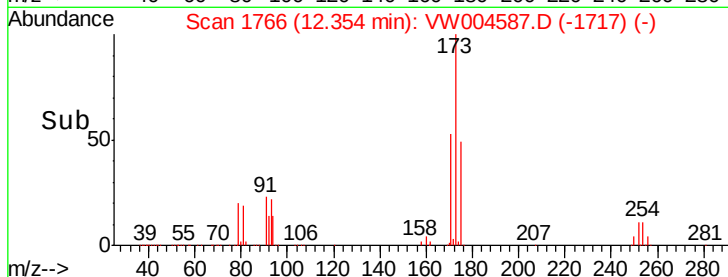
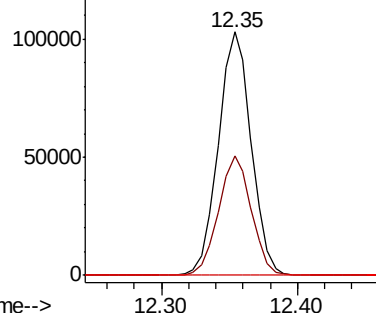
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.5	73.5
254	0.1	0.2	0.2#

Manual Integrations
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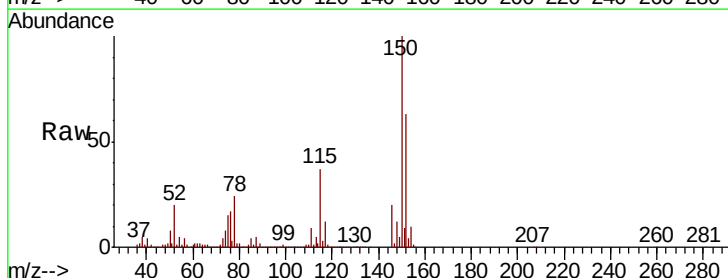


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

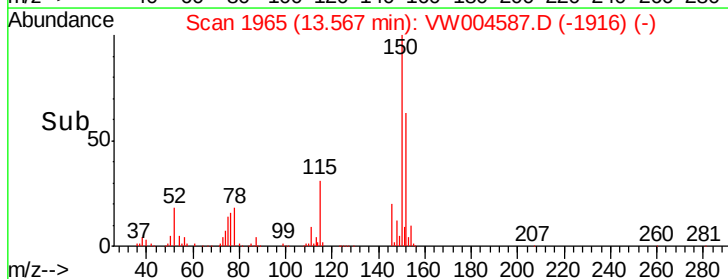
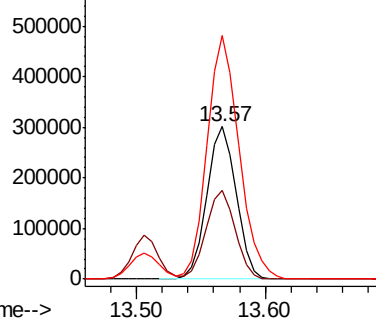


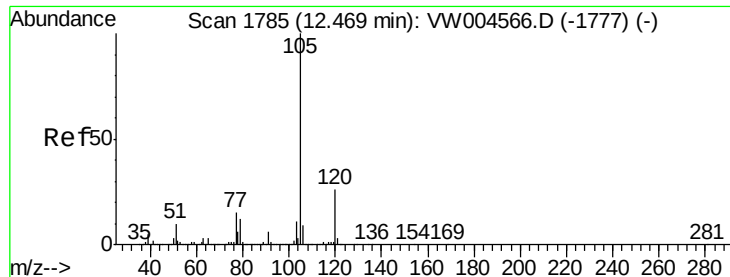
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.1	87.3
150	174.2	0.0	349.6



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





#73

Isopropylbenzene

Concen: 54.48 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1793000

Ion Ratio Lower Upper

105 100

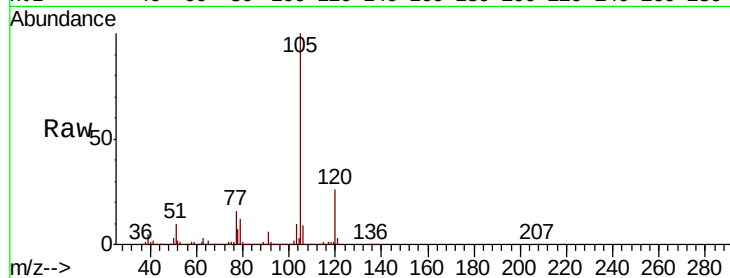
120 26.4 13.2 39.6

Manual Integrations

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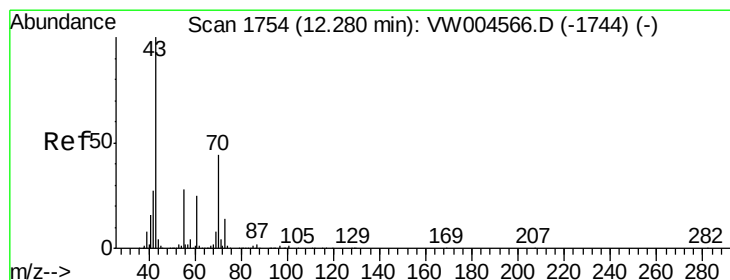
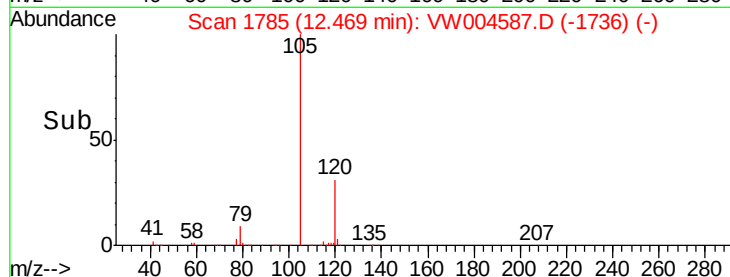
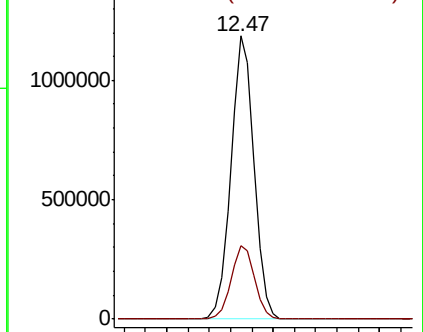
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.44 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion: 43 Resp: 370647

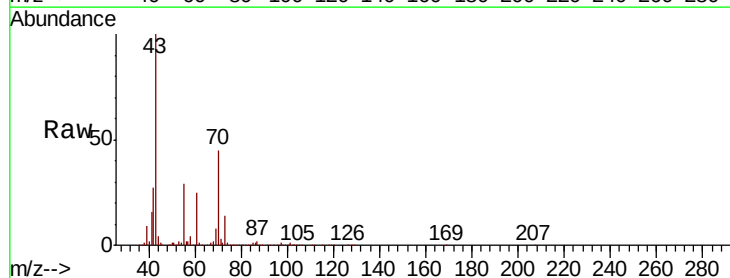
Ion Ratio Lower Upper

43 100

70 44.7 35.3 52.9

55 29.7 22.9 34.3

61 24.7 19.7 29.5

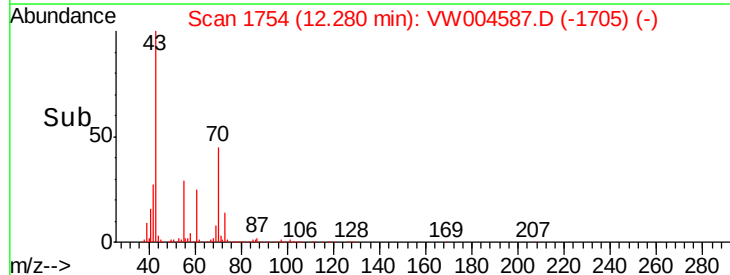
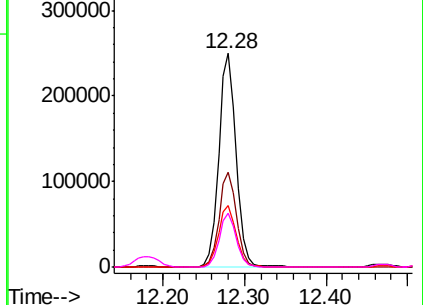


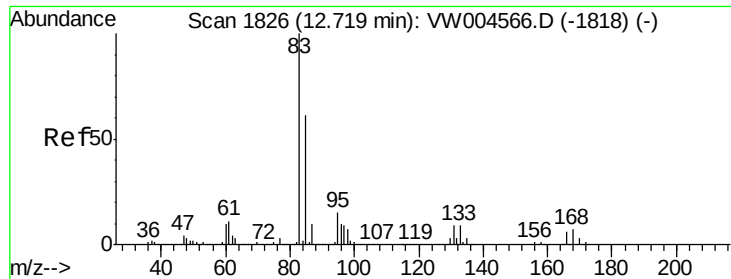
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 46.44 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

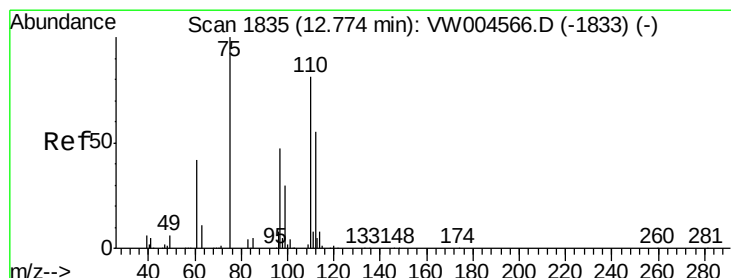
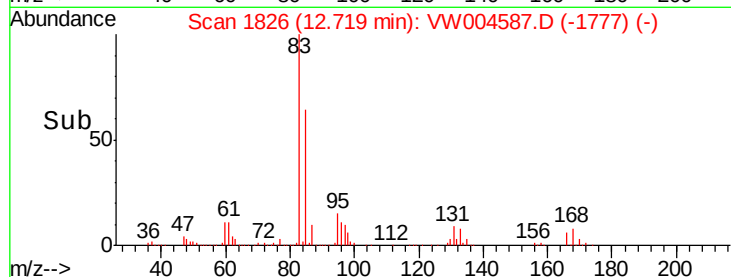
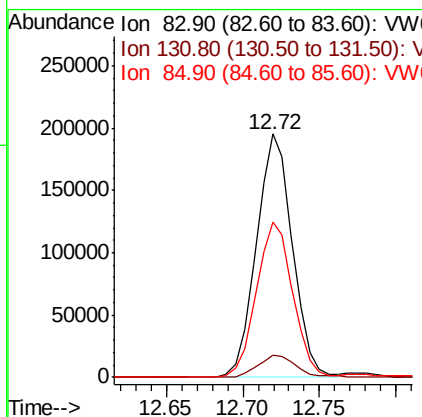
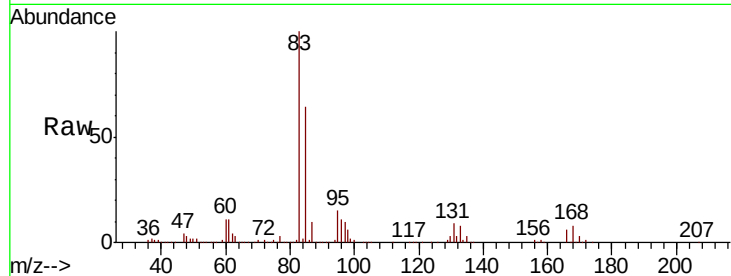
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	319076
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.41 ug/l m

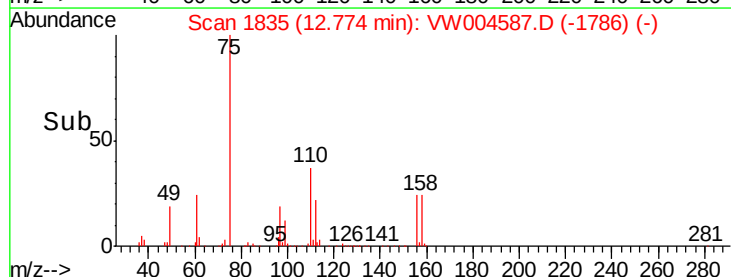
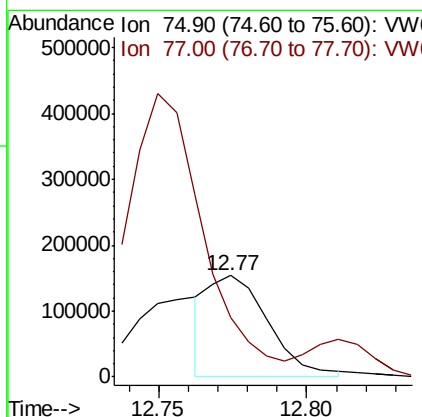
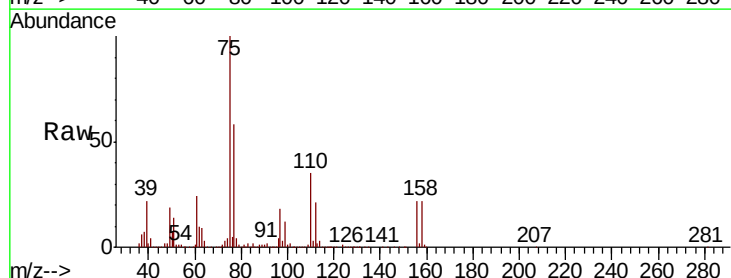
RT: 12.77 min Scan# 1835

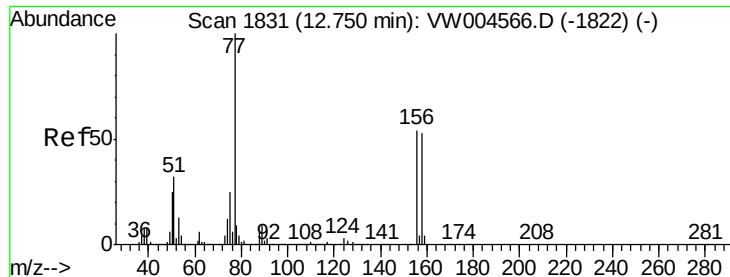
Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	75	Resp:	218649
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





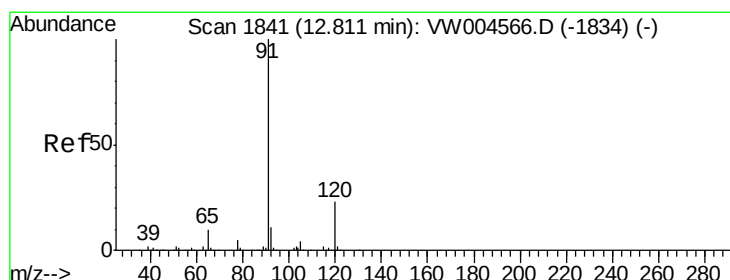
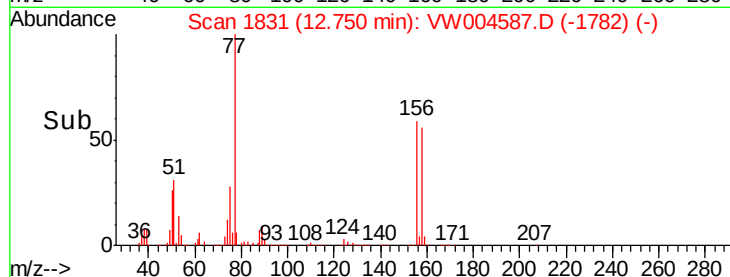
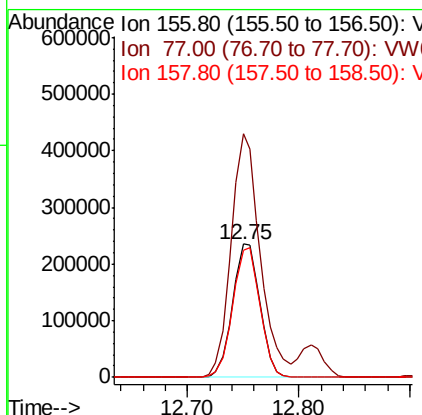
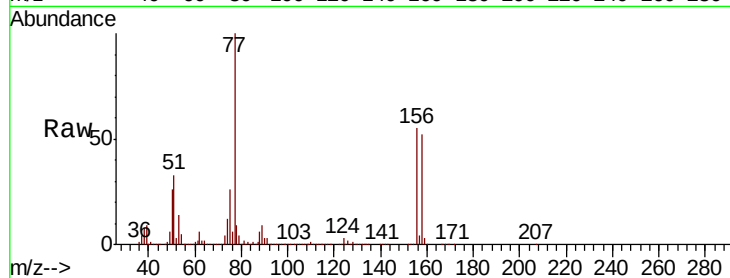
#77
Bromobenzene
Concen: 49.94 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	397658		
77	195.3		98.7	296.1
158	96.9		48.7	146.1

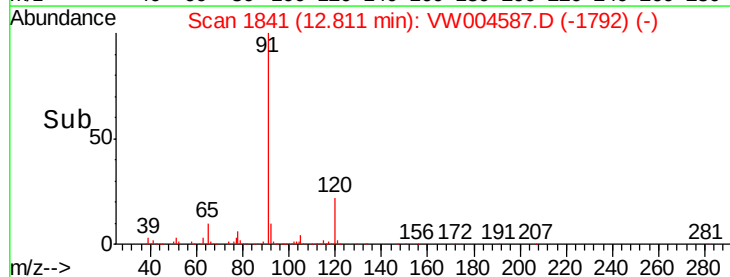
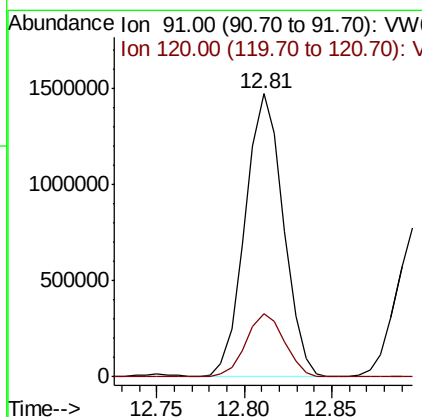
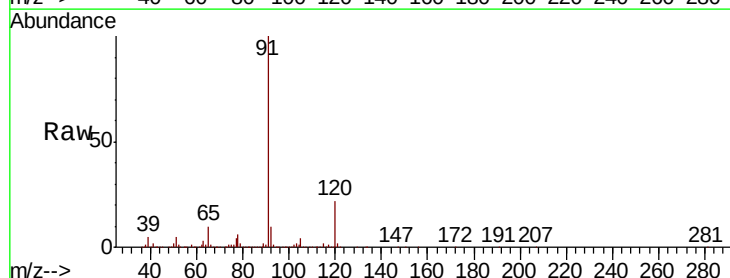
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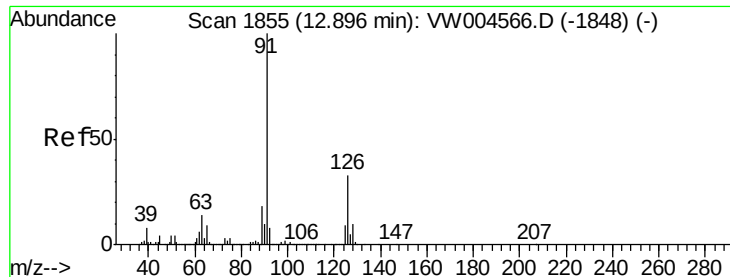
apatel
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#78
n-propylbenzene
Concen: 55.08 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2236923		
120	22.5		11.3	33.9





#79

2-Chlorotoluene

Concen: 53.01 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1245873

Ion Ratio Lower Upper

91 100

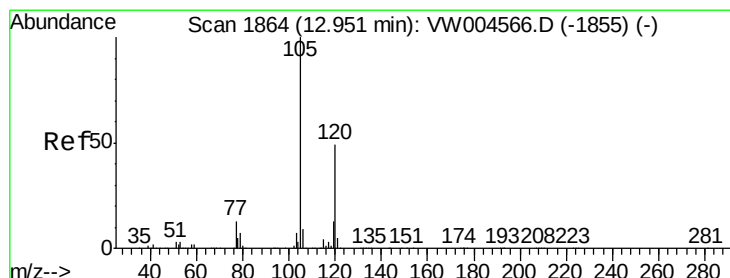
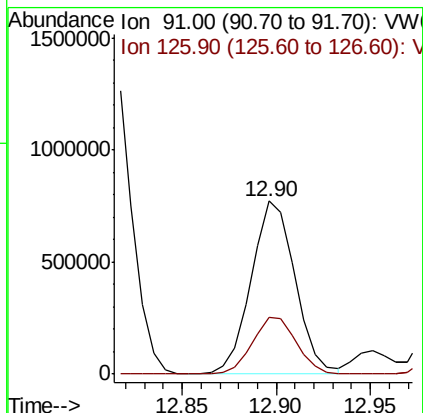
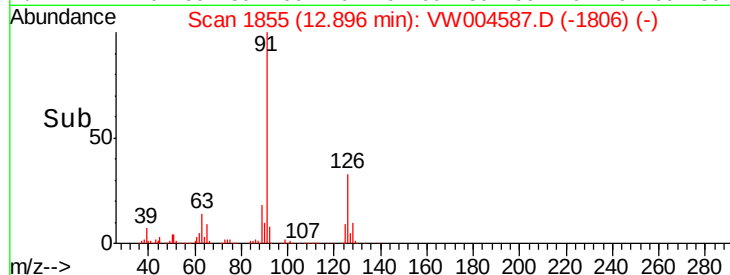
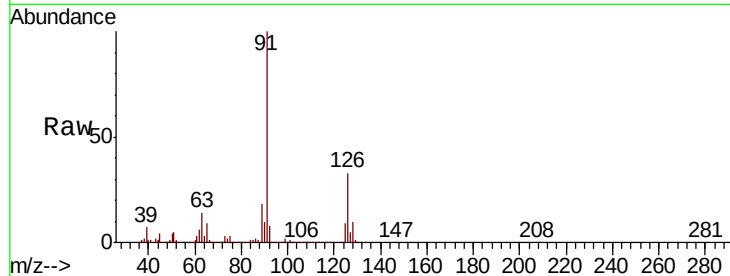
126 33.1 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.18 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004587.D

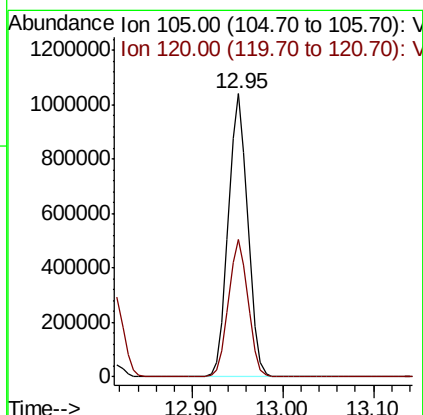
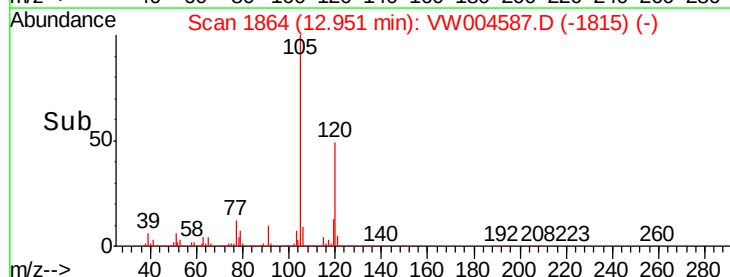
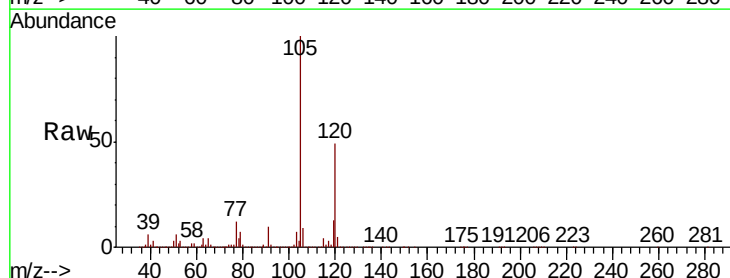
Acq: 10 Aug 2018 10:36

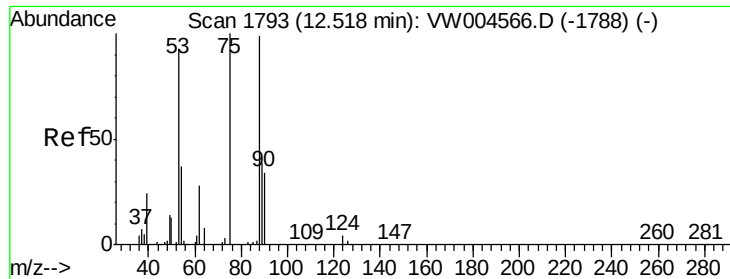
Tgt Ion: 105 Resp: 1549064

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.8





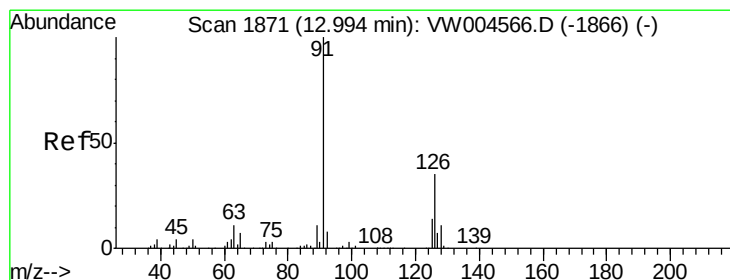
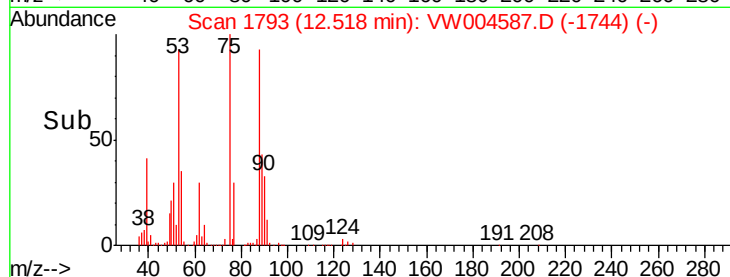
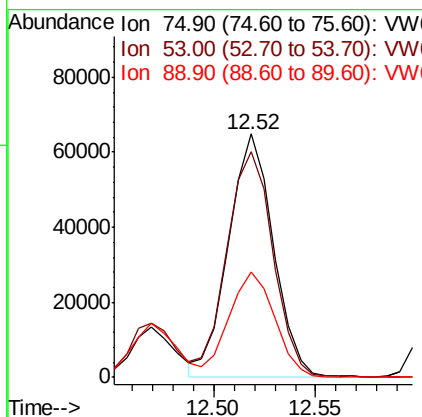
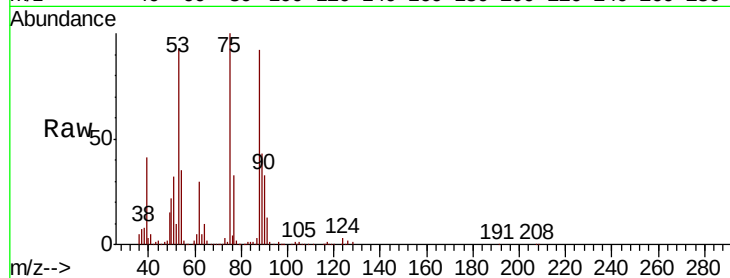
#81
trans-1,4-Dichloro-2-butene
Concen: 47.56 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	74.4	111.6
89	44.3	35.9	53.9

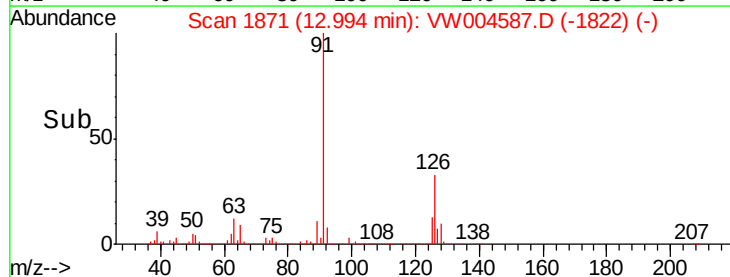
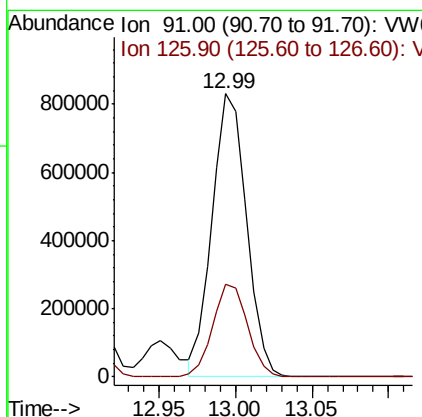
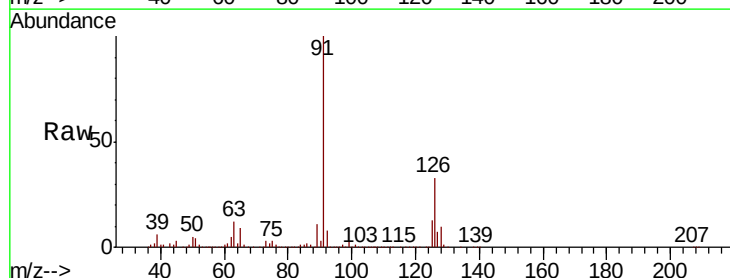
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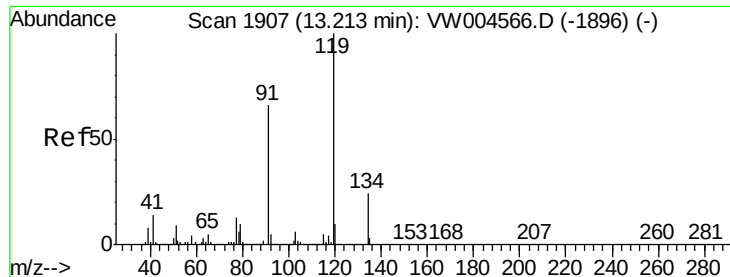
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#82
4-Chlorotoluene
Concen: 52.10 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.5	49.5





#83

tert-Butylbenzene

Concen: 55.52 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW004587.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:119 Resp: 1307482

Ion Ratio Lower Upper

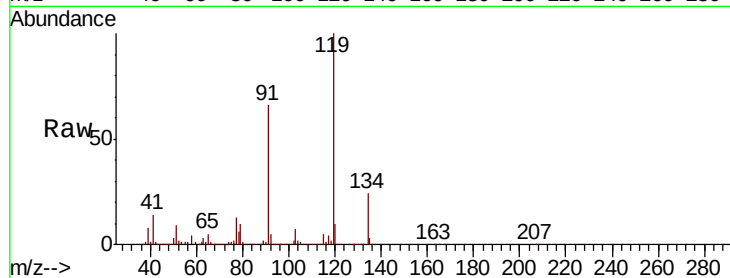
119 100

91 65.8 33.3 99.8

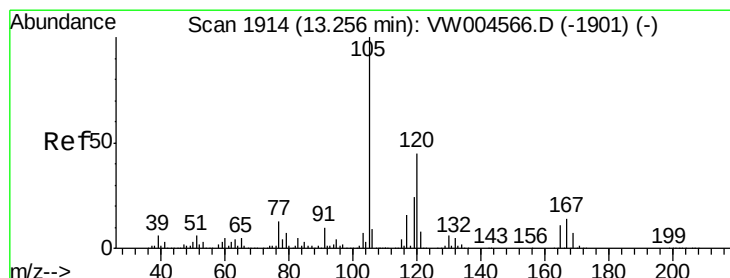
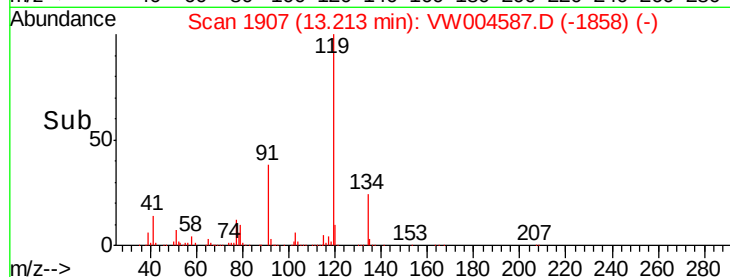
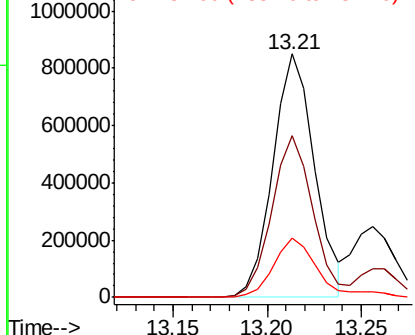
134 26.2 12.2 36.6

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.02 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW004587.D

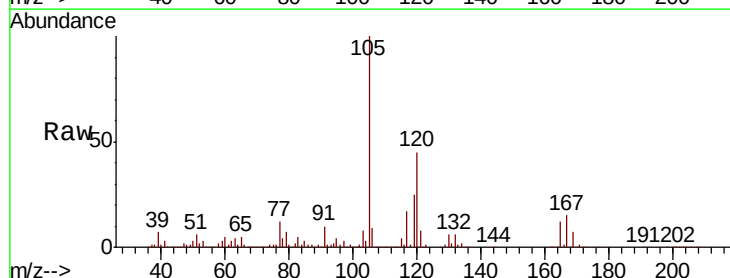
Acq: 10 Aug 2018 10:36

Tgt Ion:105 Resp: 1570168

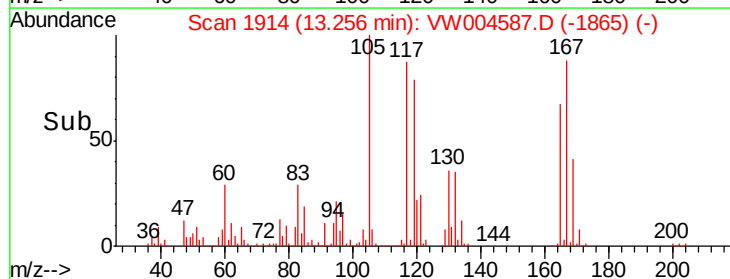
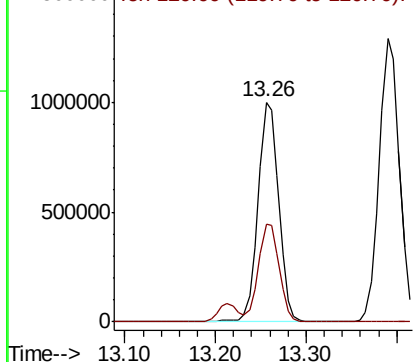
Ion Ratio Lower Upper

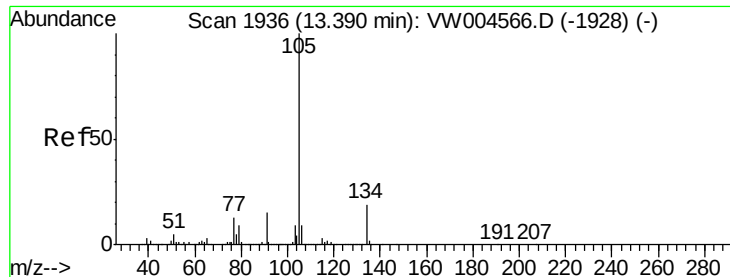
105 100

120 44.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





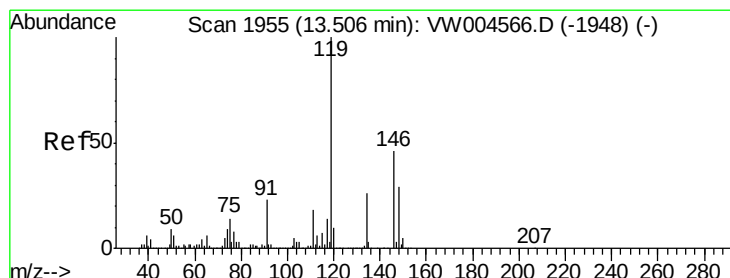
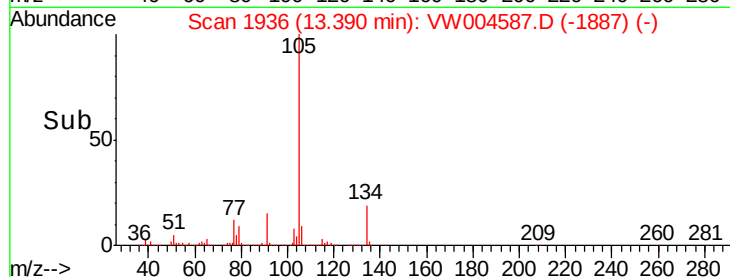
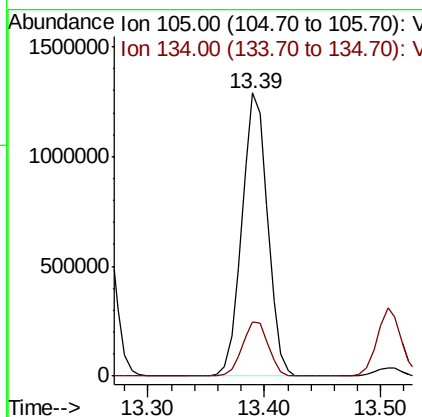
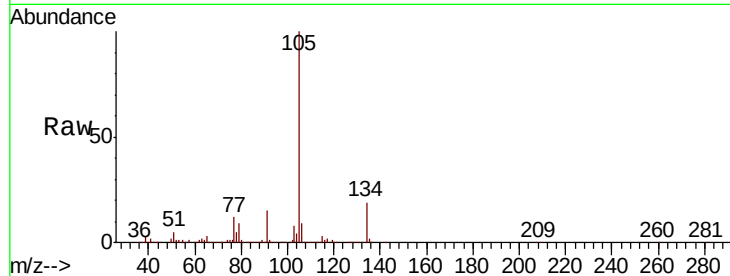
#85
 sec-Butylbenzene
 Concen: 55.88 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

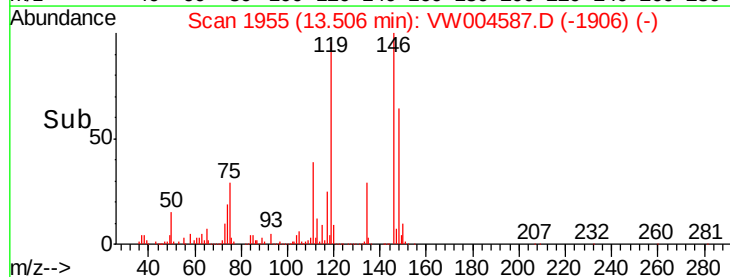
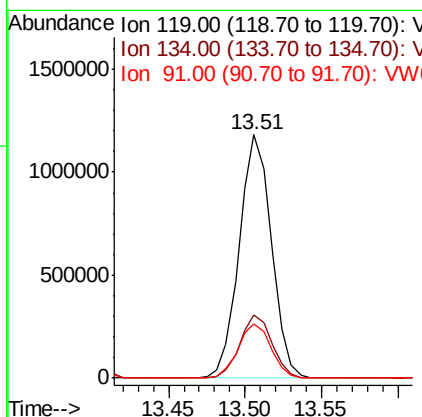
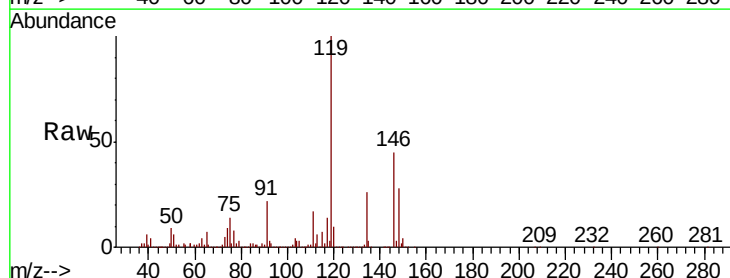
Manual Integrations
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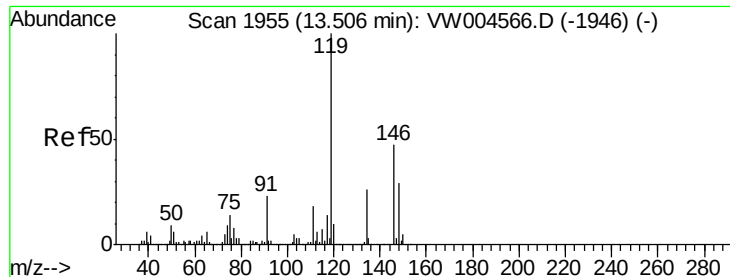
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#86
 p-Isopropyltoluene
 Concen: 56.07 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	22.6	11.4	34.1





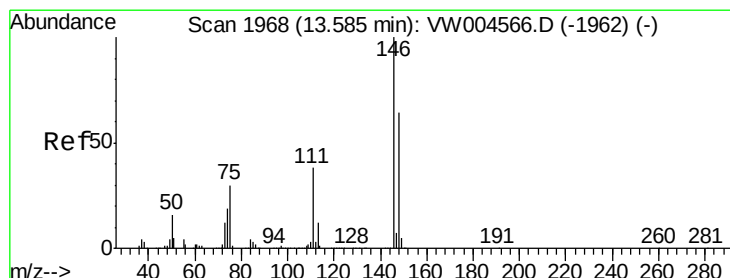
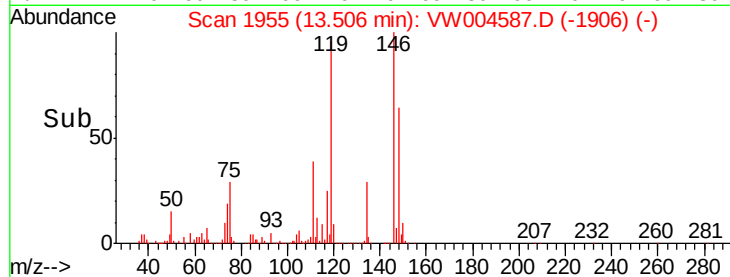
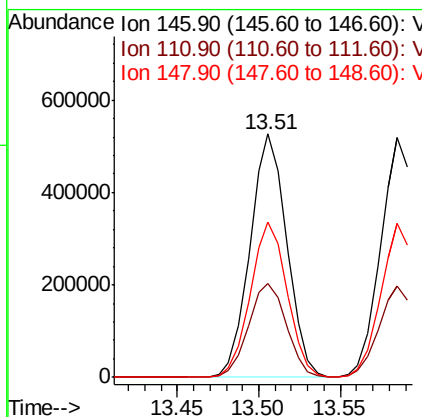
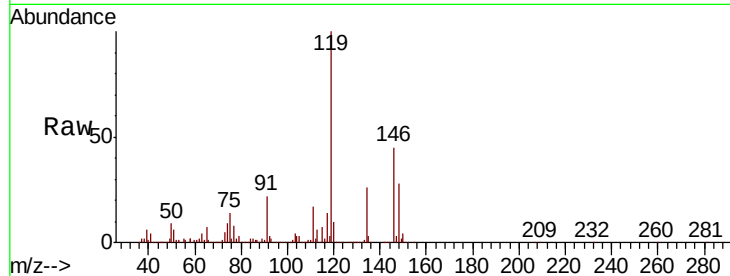
#87
 1,3-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	827963		
111	39.6	20.0	59.9	
148	63.7	31.7	95.1	

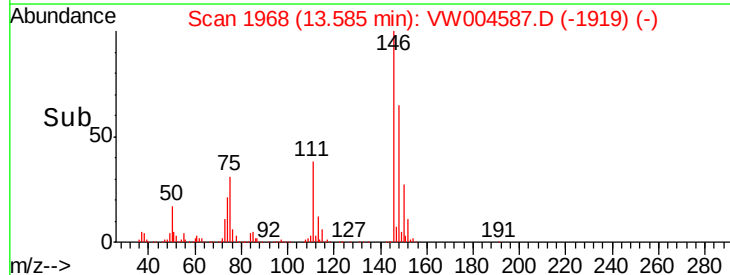
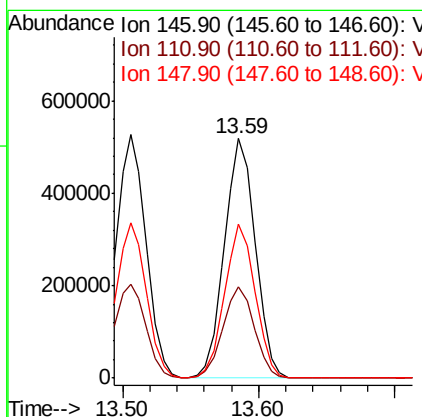
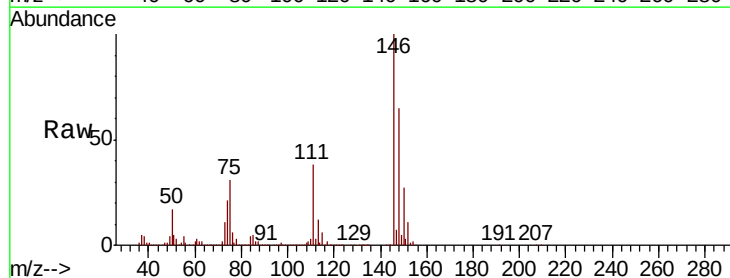
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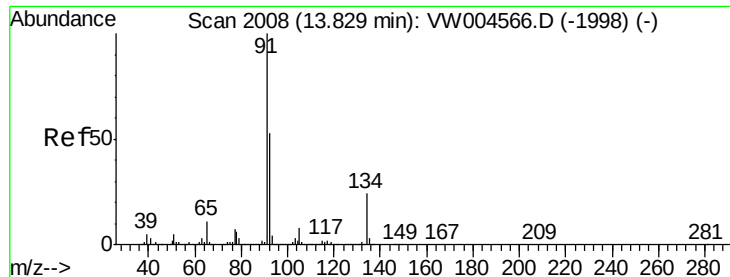
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	816676		
111	38.7	19.6	58.8	
148	63.6	31.9	95.5	





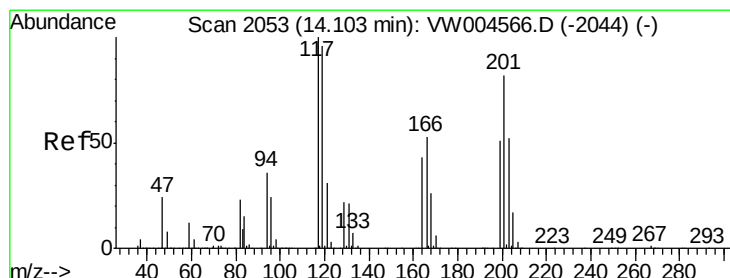
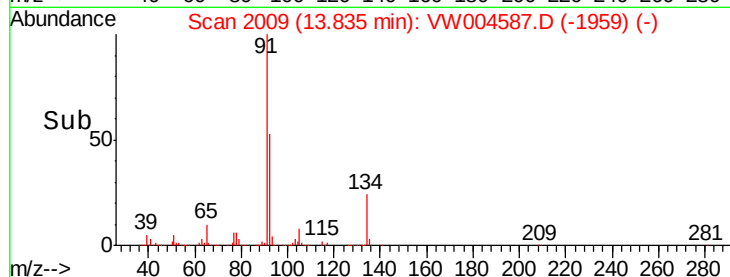
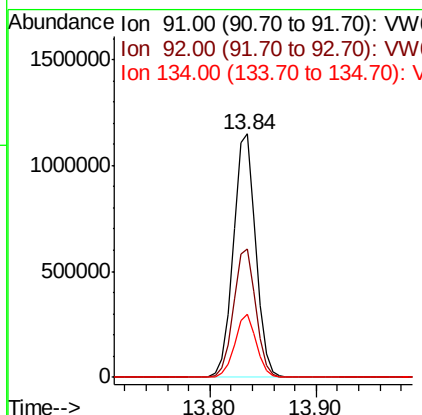
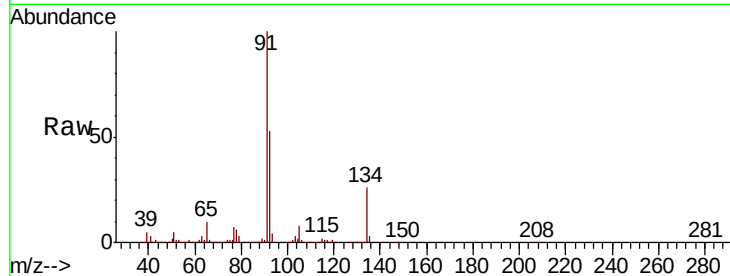
#89
n-Butylbenzene
Concen: 55.76 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.0
134	25.1	12.4	37.2

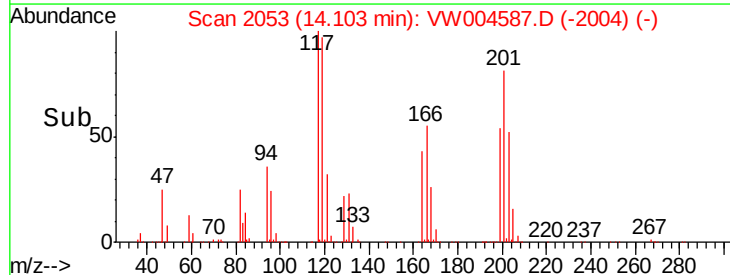
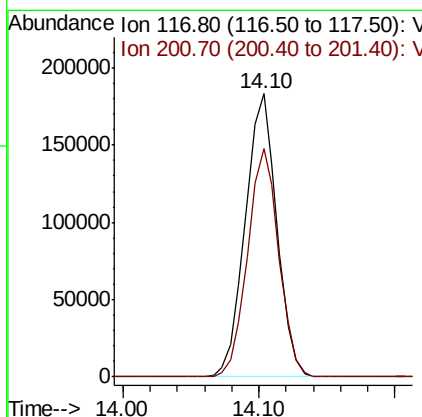
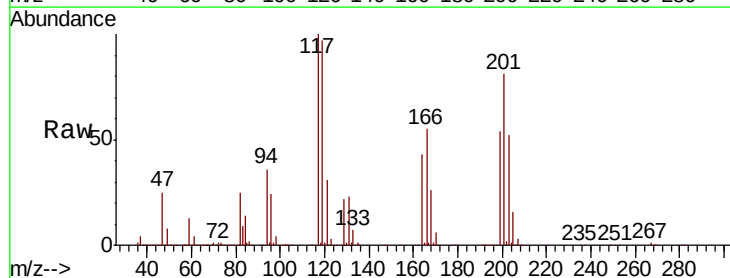
Manual Integrations
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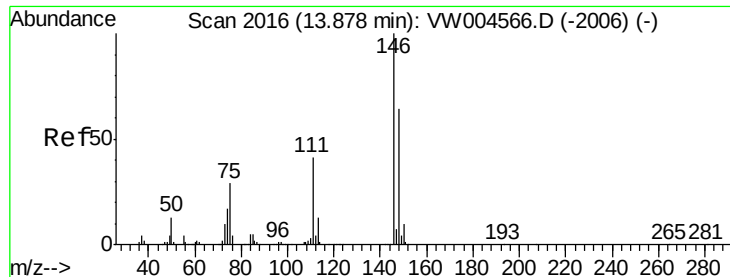
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#90
Hexachloroethane
Concen: 52.20 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.0	40.1	120.3





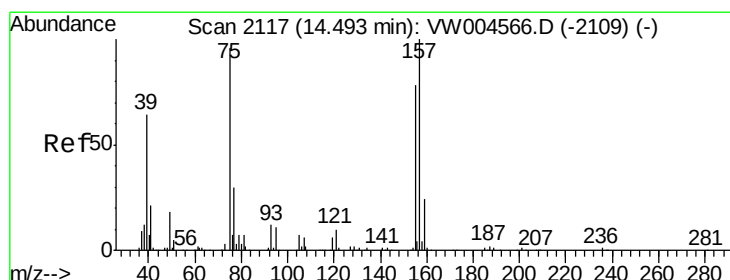
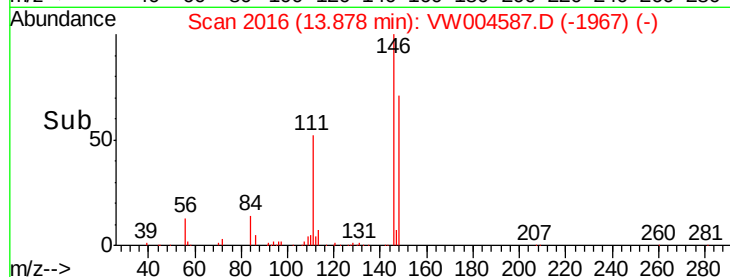
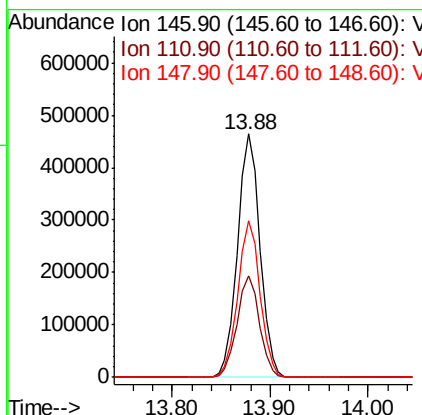
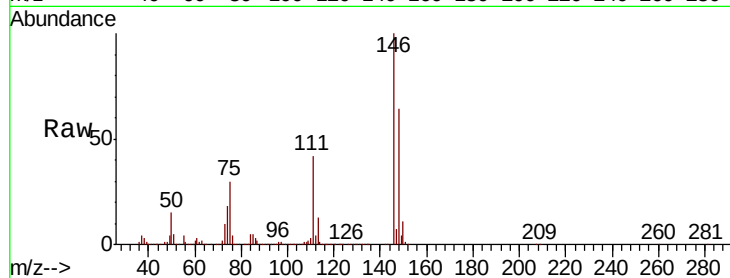
#91
 1,2-Dichlorobenzene
 Concen: 49.58 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	63.9	31.8	95.4

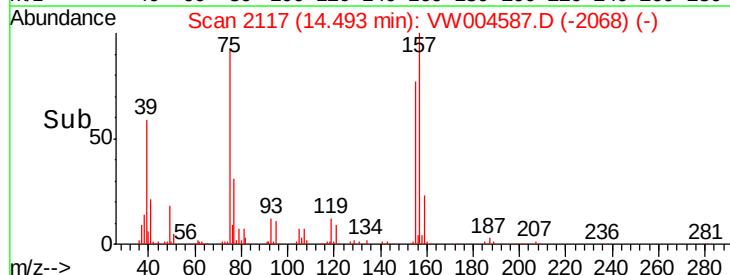
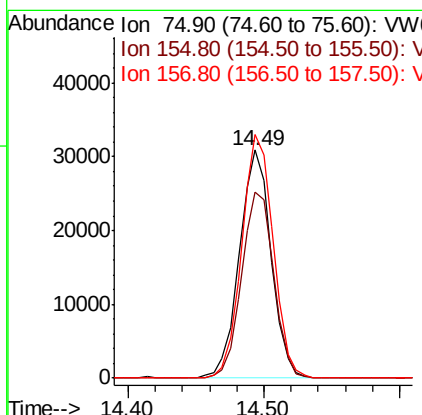
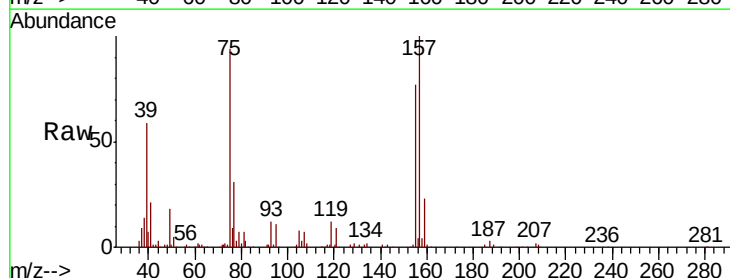
Manual Integrations
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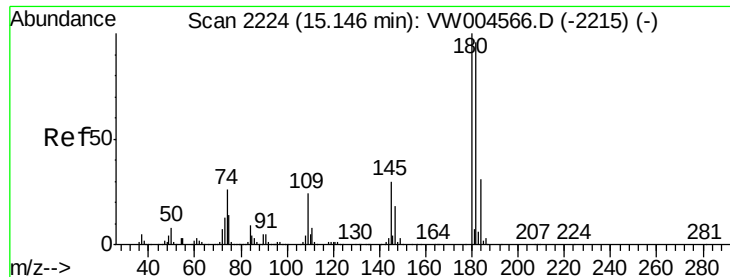
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.73 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.3	123.7
157	105.9	52.6	157.8





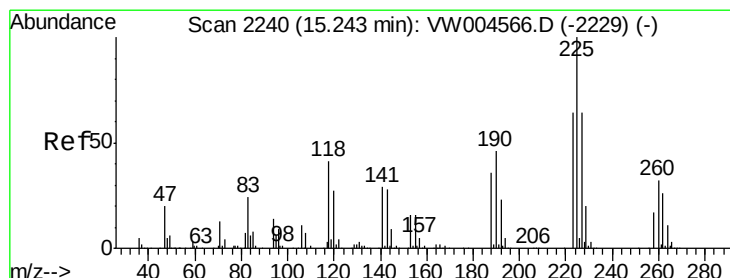
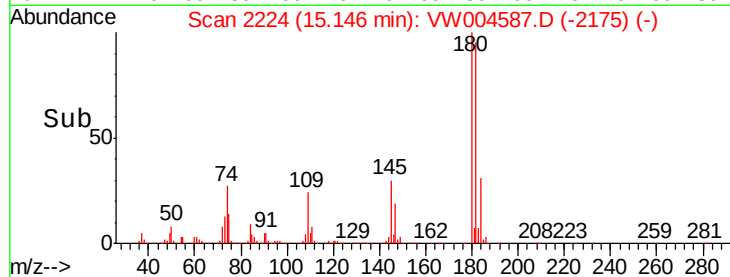
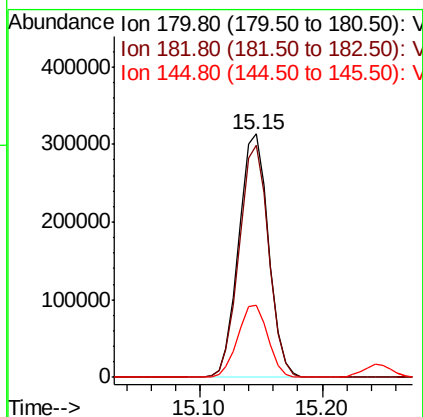
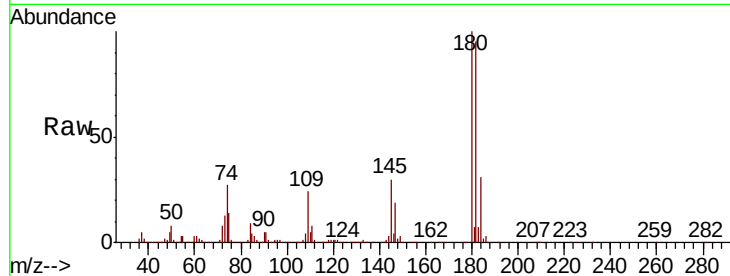
#93
 1,2,4-Trichlorobenzene
 Concen: 51.33 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	529013
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.6
145	30.0	14.9	44.9

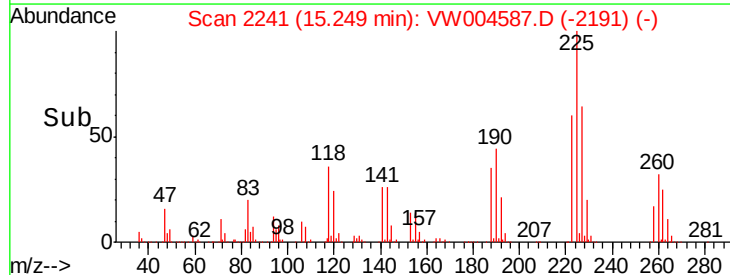
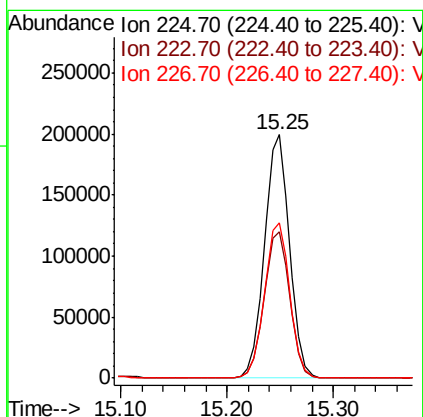
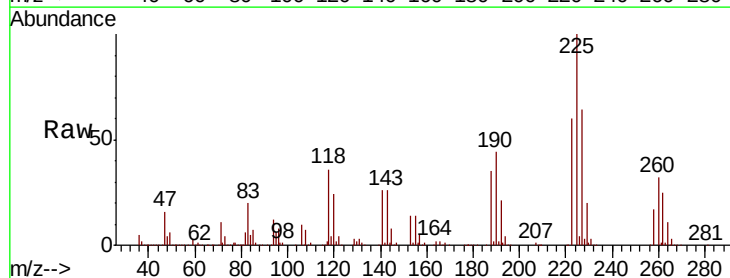
Manual Integrations
 APPROVED

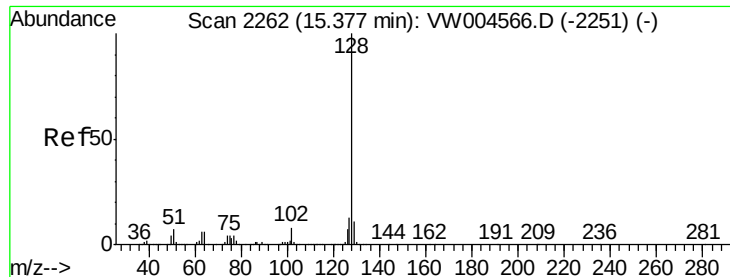
apatel
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#94
 Hexachlorobutadiene
 Concen: 54.49 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004587.D
 Acq: 10 Aug 2018 10:36

Tgt Ion:	225	Resp:	326977
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.3	93.8
227	64.5	31.8	95.4





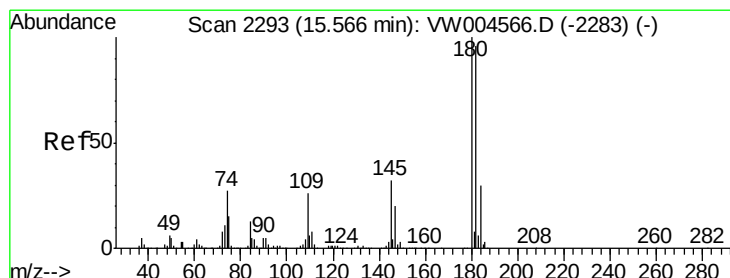
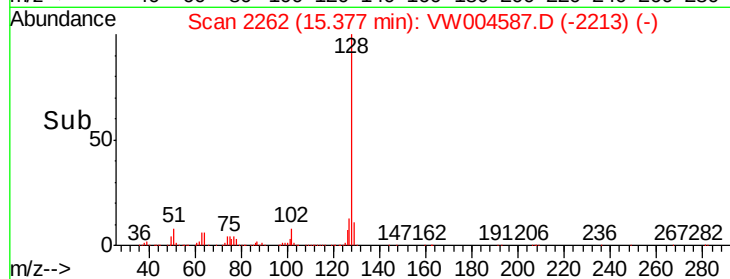
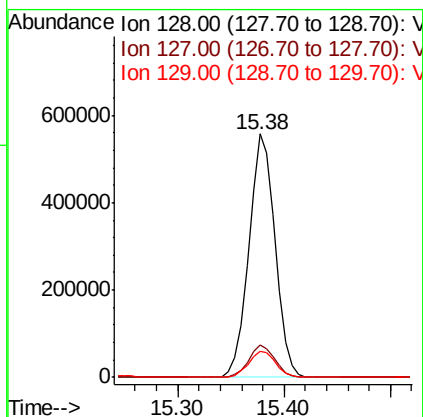
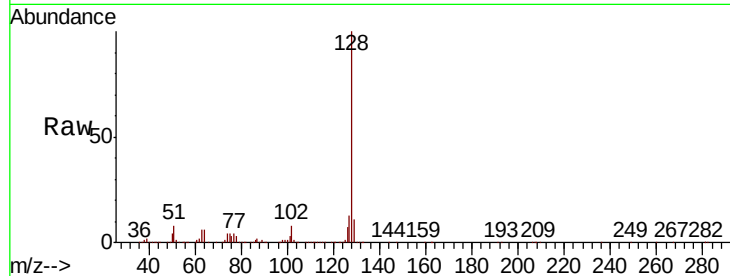
#95
Naphthalene
Concen: 45.41 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
8/13/2018 12:57:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.86 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004587.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	31.9	15.9	47.6

