

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002550.D
 Acq On : 15 May 2018 13:53
 Operator : JC/SY
 Sample : VW0515SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Manual Integrations
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 5/16/2018 12:25:42 PM

Quant Time: May 16 06:02:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121297	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	110917	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.33	98	437254	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.63	95	154876	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18395m	20.41	ug/l	
3) Chloromethane	2.21	50	34677	20.12	ug/l	100
4) Vinyl Chloride	2.36	62	54517	20.17	ug/l	99
5) Bromomethane	2.76	94	46403	20.94	ug/l	93
6) Chloroethane	2.92	64	39167	21.06	ug/l	98
7) Trichlorofluoromethane	3.25	101	26255	22.05	ug/l	97
8) Diethyl Ether	3.67	74	26861	18.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	42203	21.39	ug/l	98
10) Methyl Iodide	4.26	142	62894	20.00	ug/l	98
11) Tert butyl alcohol	5.19	59	18322	98.78	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	39122	20.03	ug/l	96
13) Acrolein	3.88	56	18093	99.01	ug/l	97
14) Allyl chloride	4.66	41	58442	20.16	ug/l	99
15) Acrylonitrile	5.37	53	48630	94.62	ug/l	98
16) Acetone	4.12	43	61502	120.73	ug/l	96
17) Carbon Disulfide	4.37	76	110323	20.53	ug/l	100
18) Methyl Acetate	4.67	43	24884	16.76	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	71509	19.93	ug/l	99
20) Methylene Chloride	4.90	84	42736	19.40	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	42904	20.32	ug/l	93
22) Diisopropyl ether	6.31	45	126756	19.74	ug/l	97
23) Vinyl Acetate	6.25	43	393333	101.09	ug/l	99
24) 1,1-Dichloroethane	6.20	63	77124	19.93	ug/l	99
25) 2-Butanone	7.17	43	73176	101.58	ug/l	96
26) 2,2-Dichloropropane	7.16	77	46311	21.36	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	47553	19.74	ug/l	99
28) Bromochloromethane	7.51	49	33913	19.63	ug/l	98
29) Tetrahydrofuran	7.53	42	43388	96.41	ug/l	98
30) Chloroform	7.67	83	81315	19.68	ug/l	93
31) Cyclohexane	7.95	56	70105	20.45	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	64801	20.79	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63412	20.79	ug/l	99
37) Ethyl Acetate	7.26	43	30294	20.03	ug/l	100
38) Carbon Tetrachloride	8.07	117	61544	20.61	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73059	20.92	ug/l	99
40) Benzene	8.32	78	178581	20.40	ug/l	98
41) Methacrylonitrile	7.49	41	16049	18.96	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55790	20.06	ug/l	100
43) Isopropyl Acetate	8.43	43	56761	19.51	ug/l	99
44) Trichloroethene	9.09	130	49283	20.54	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44913	20.13	ug/l	92
46) Dibromomethane	9.46	93	25087	19.76	ug/l	100
47) Bromodichloromethane	9.65	83	58804	19.86	ug/l	96
48) Methyl methacrylate	9.44	41	26517	18.81	ug/l	99
49) 1,4-Dioxane	9.46	88	7621	360.19	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	151405	94.80	ug/l	100
52) Toluene	10.39	92	115136	20.80	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	59608	19.91	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	68805	20.62	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	35173	19.66	ug/l	97
56) Ethyl methacrylate	10.65	69	42468	19.48	ug/l	98
57) 1,3-Dichloropropane	10.94	76	59090	19.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	110034	102.83	ug/l	99
59) 2-Hexanone	10.98	43	110897	100.58	ug/l	99
60) Dibromochloromethane	11.13	129	40471	19.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34052	19.73	ug/l	98
64) Tetrachloroethene	10.87	164	42998	19.26	ug/l	94
65) Chlorobenzene	11.66	112	128950	20.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	46168	20.44	ug/l	96
67) Ethyl Benzene	11.74	91	221392	20.65	ug/l	99
68) m/p-Xylenes	11.85	106	172811	41.45	ug/l	100
69) o-Xylene	12.18	106	80841	20.41	ug/l	99
70) Styrene	12.19	104	133773	20.29	ug/l	99
71) Bromoform	12.36	173	25758	19.41	ug/l #	99
73) Isopropylbenzene	12.48	105	222946	21.02	ug/l	100
74) N-amyl acetate	12.28	43	54443	20.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41938	19.51	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32175m	19.78	ug/l	
77) Bromobenzene	12.76	156	55947	20.67	ug/l	98
78) n-propylbenzene	12.82	91	273650	21.36	ug/l	100
79) 2-Chlorotoluene	12.90	91	153355	21.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	192015	21.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12001	20.11	ug/l	98
82) 4-Chlorotoluene	13.00	91	162878	20.70	ug/l	99
83) tert-Butylbenzene	13.22	119	170726	21.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	195552	20.81	ug/l	99
85) sec-Butylbenzene	13.40	105	238020	21.19	ug/l	99
86) p-Isopropyltoluene	13.51	119	215502	21.33	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113021	20.64	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	114225	20.97	ug/l	100
89) n-Butylbenzene	13.83	91	205823	21.53	ug/l	99
90) Hexachloroethane	14.10	117	37317	20.62	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100451	20.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7501	19.78	ug/l	97

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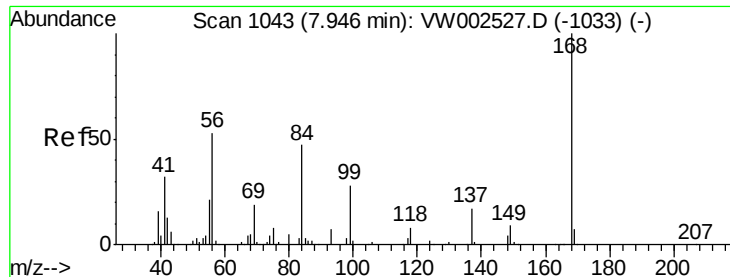
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75985	21.01	ug/l	98
94) Hexachlorobutadiene	15.25	225	43564	21.65	ug/l	99
95) Naphthalene	15.38	128	131454	19.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68150	21.06	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion:168 Resp: 233514

Ion Ratio Lower Upper

168 100

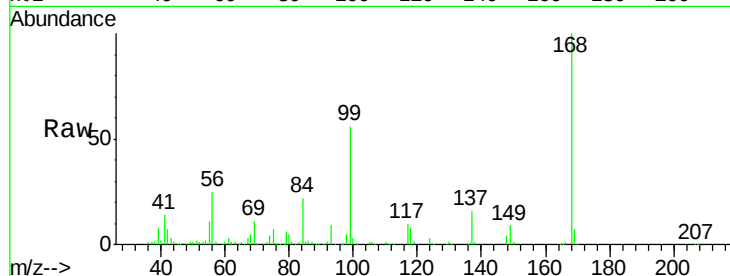
99 55.5 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

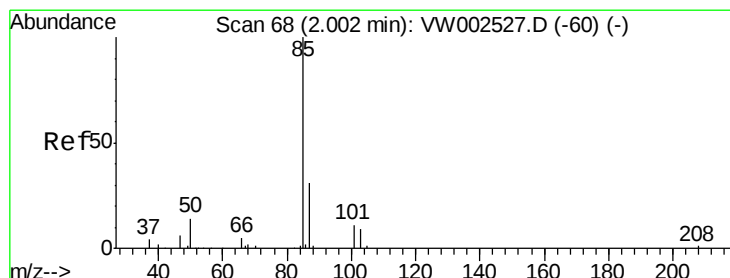
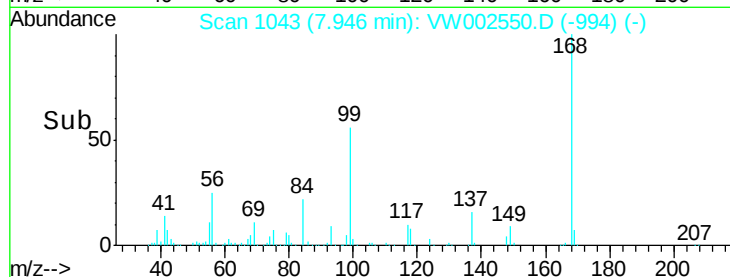
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.41 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002550.D

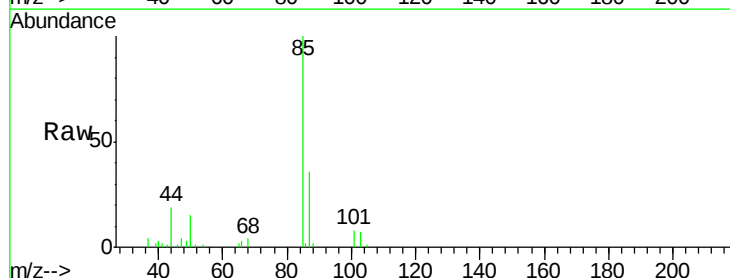
Acq: 15 May 2018 13:53

Tgt Ion: 85 Resp: 18395

Ion Ratio Lower Upper

85 100

87 36.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

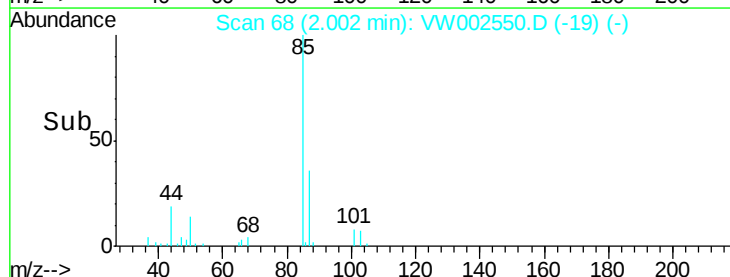
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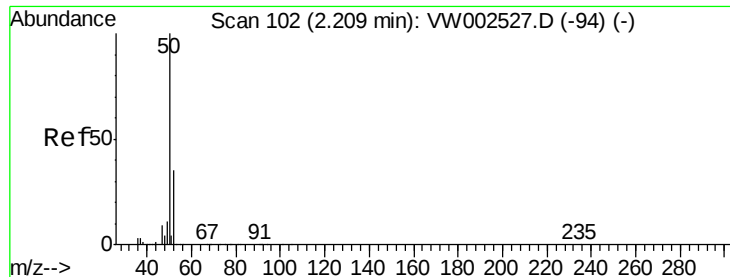
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.12 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 50 Resp: 34677

Ion Ratio Lower Upper

50 100

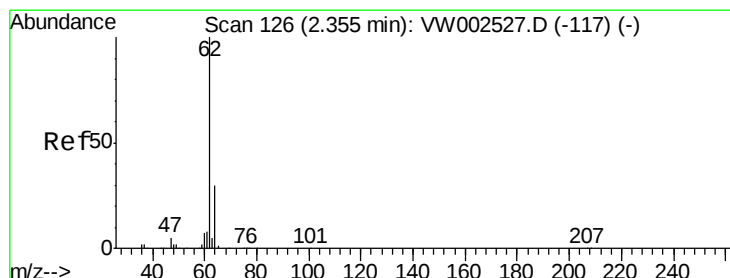
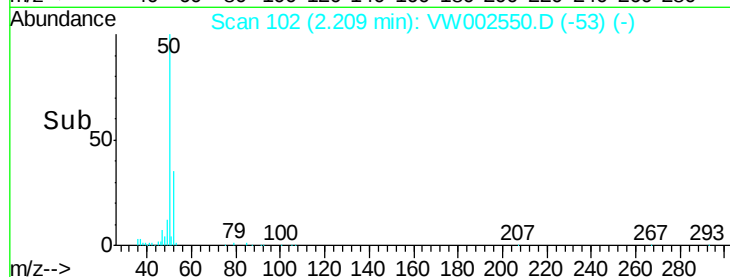
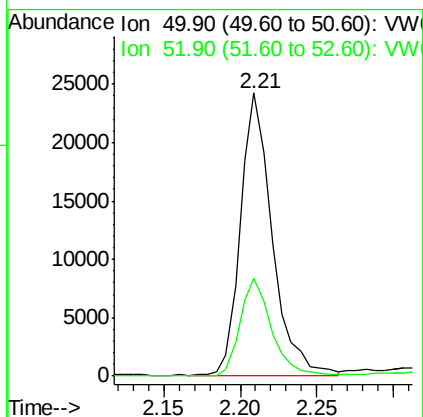
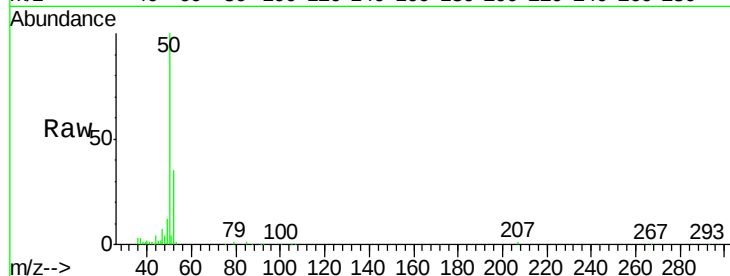
52 34.9 27.8 41.8

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#4

Vinyl Chloride

Concen: 20.17 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002550.D

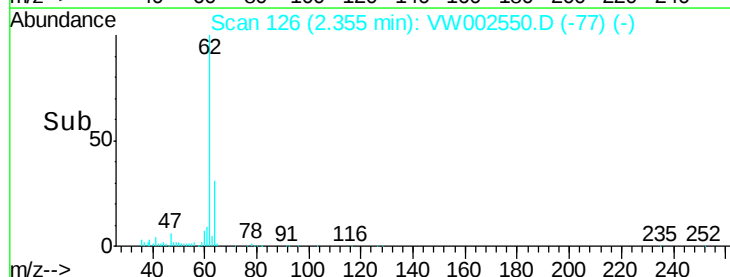
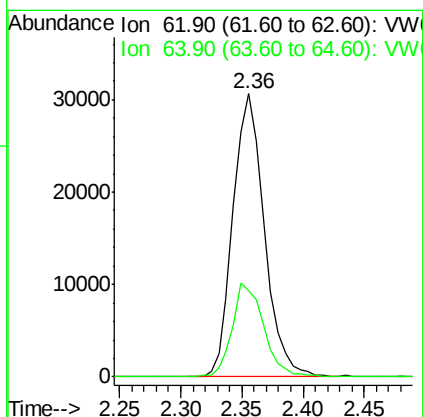
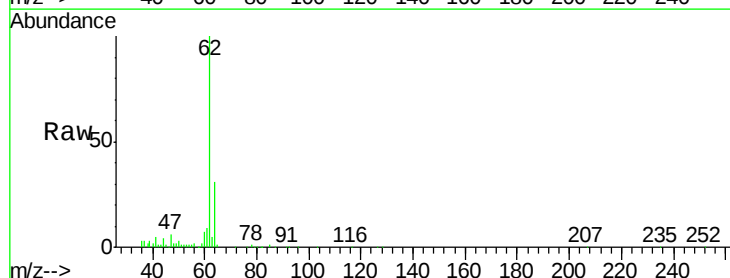
Acq: 15 May 2018 13:53

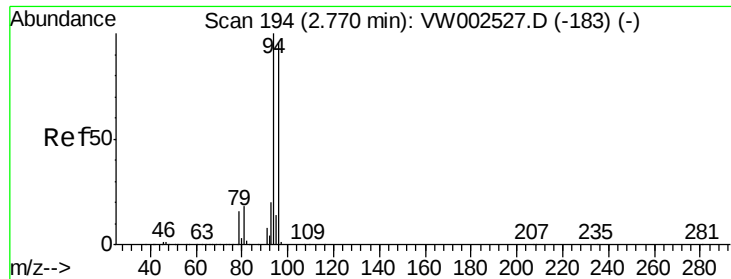
Tgt Ion: 62 Resp: 54517

Ion Ratio Lower Upper

62 100

64 30.6 24.0 36.0





#5

Bromomethane

Concen: 20.94 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 94 Resp: 46403

Ion Ratio Lower Upper

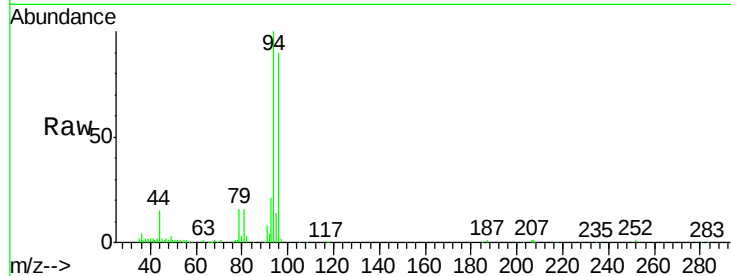
94 100

96 89.1 77.0 115.4

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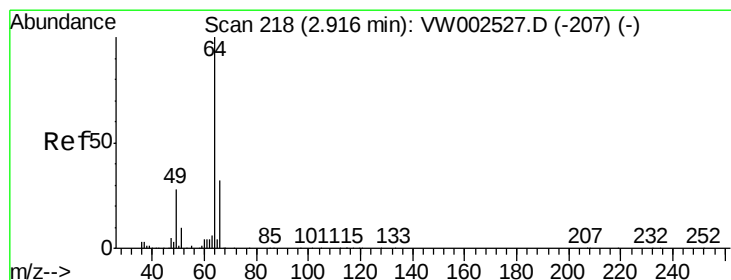
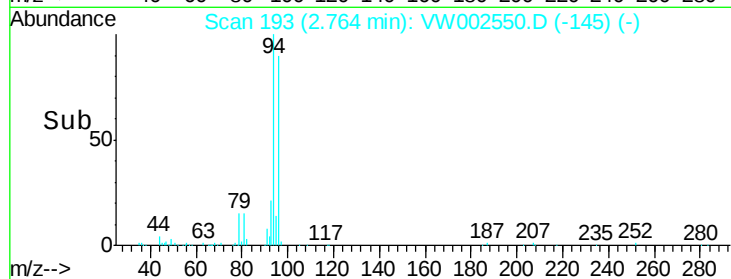
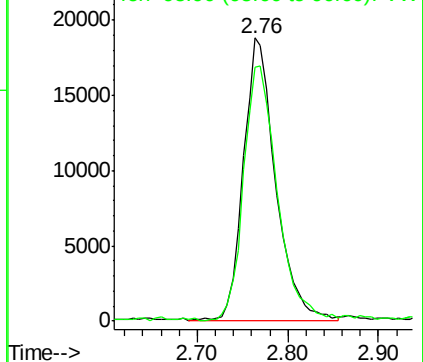
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.06 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002550.D

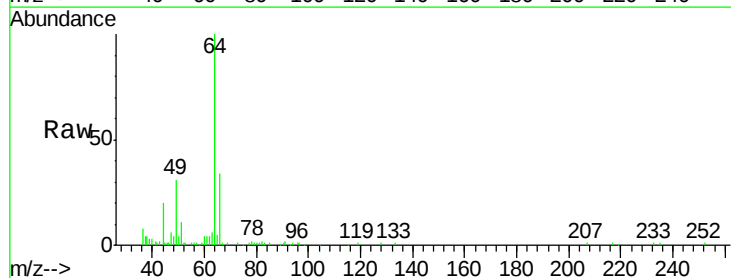
Acq: 15 May 2018 13:53

Tgt Ion: 64 Resp: 39167

Ion Ratio Lower Upper

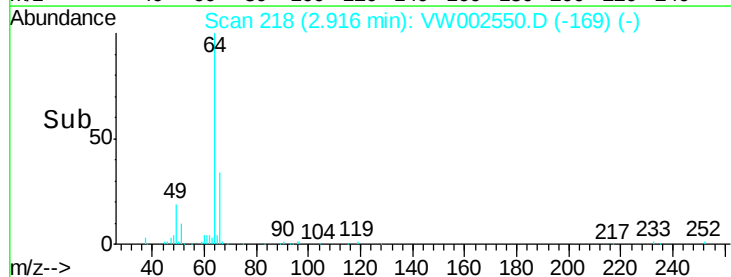
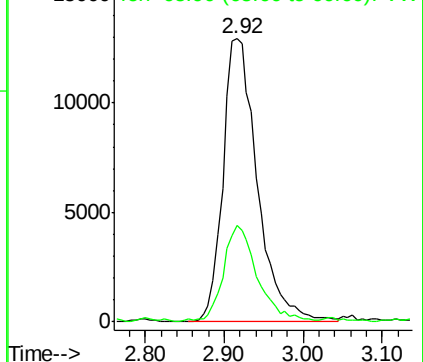
64 100

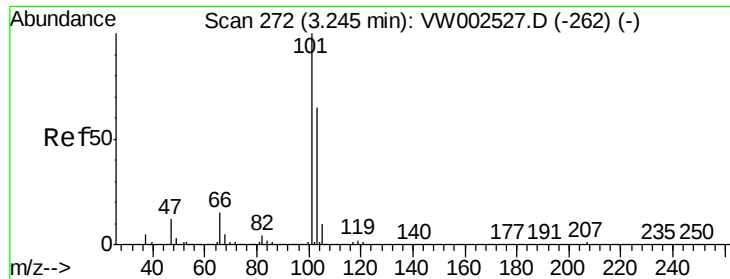
66 33.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

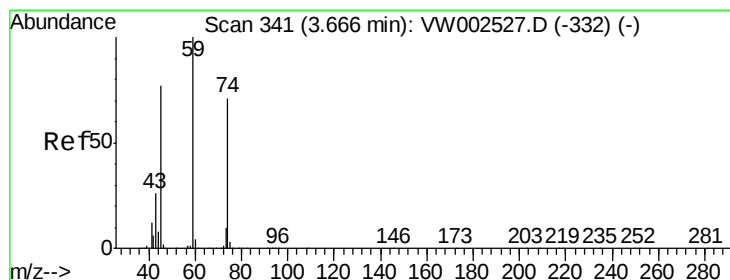
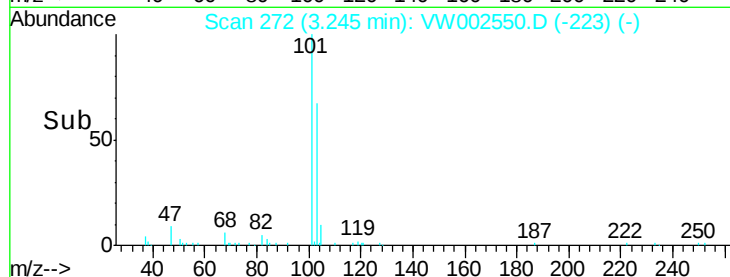
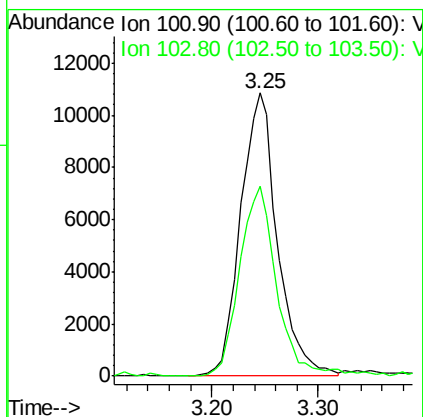
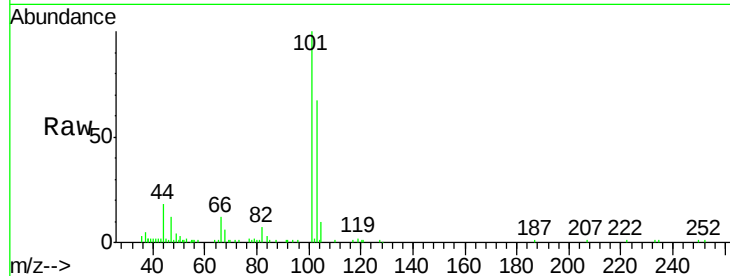
Trichlorofluoromethane
Concen: 22.05 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

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VW0515SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	51.8	77.8

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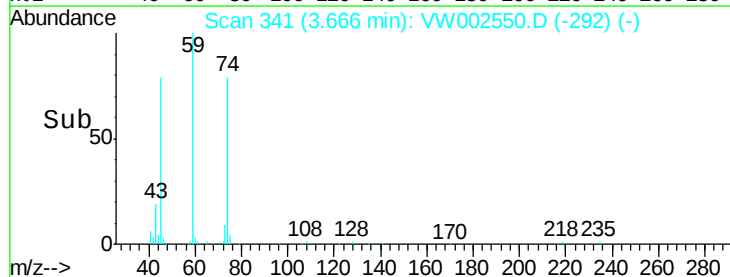
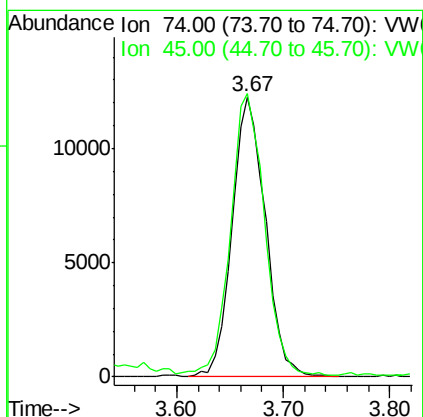
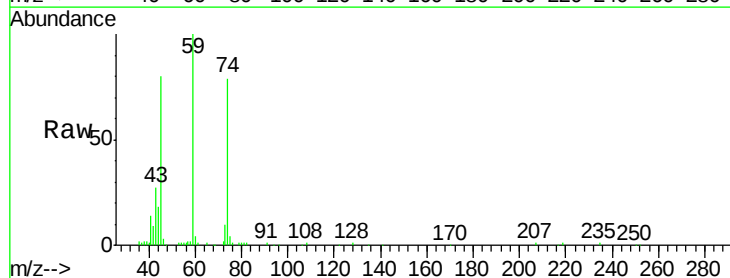
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5/16/2018 12:25:42 PM

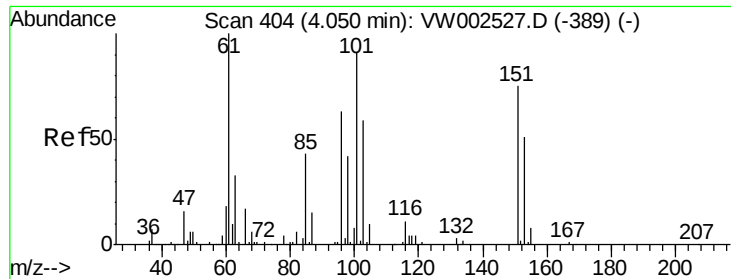


#8

Diethyl Ether
Concen: 18.85 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.39 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

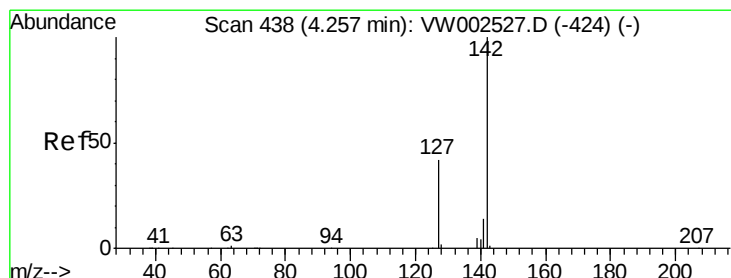
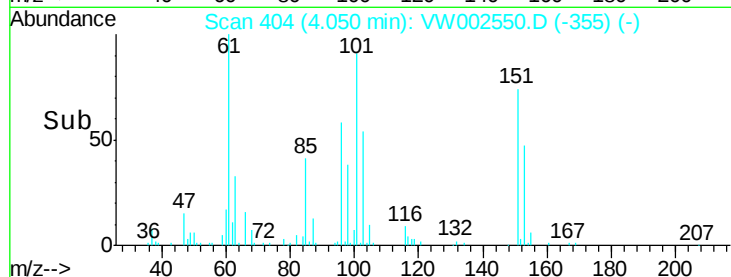
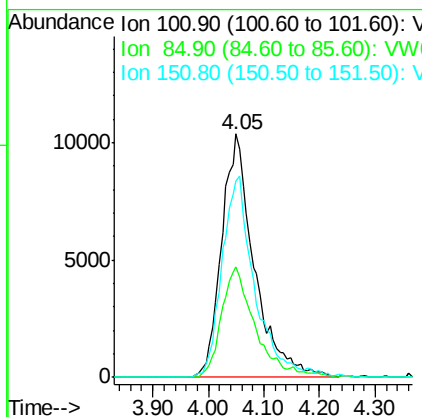
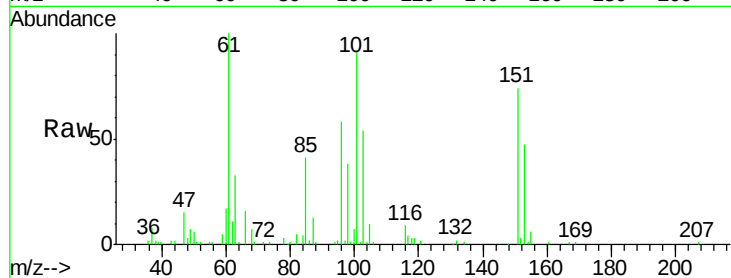
ClientSampleId :

VW0515SBS02

Tot Ion:	101	Resp:	42203
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.5	54.7
151	81.3	66.7	100.1

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#10

Methyl Iodide

Concen: 20.00 ug/l

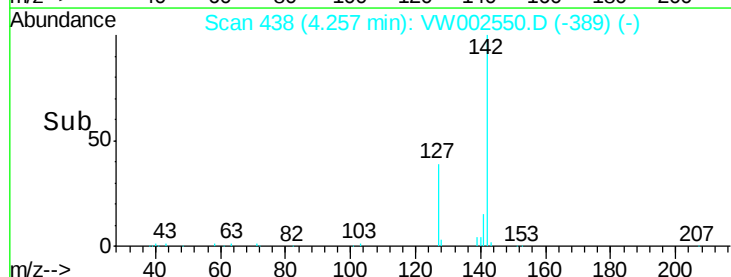
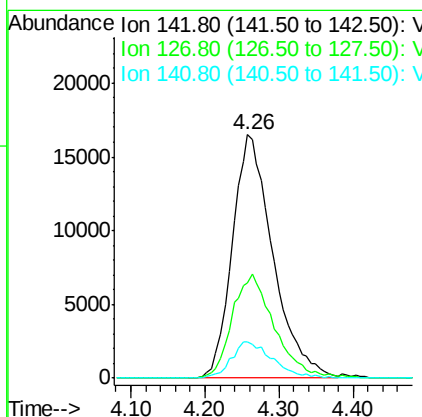
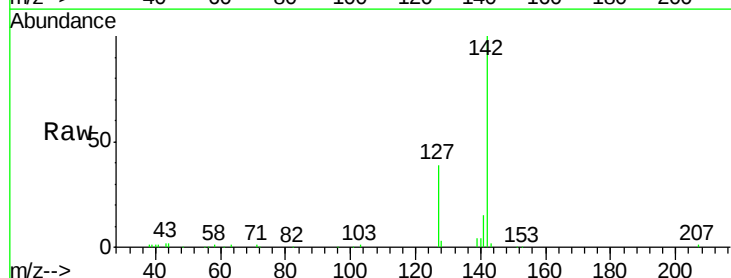
RT: 4.26 min Scan# 438

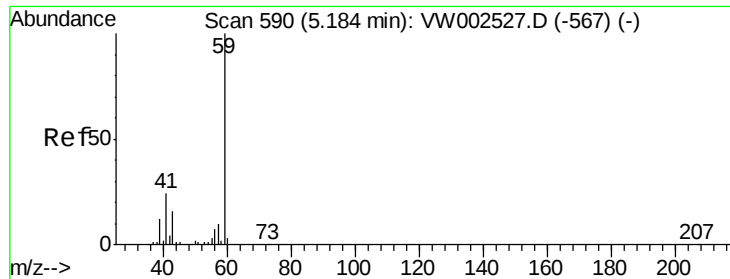
Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	142	Resp:	62894
Ion Ratio	Lower	Upper	
142	100		
127	44.5	34.6	52.0
141	15.2	11.8	17.8





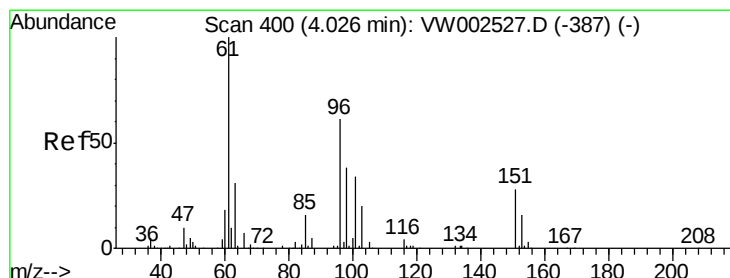
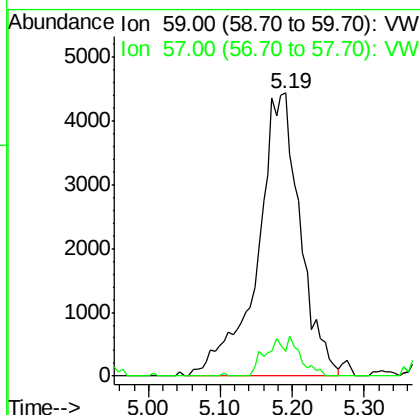
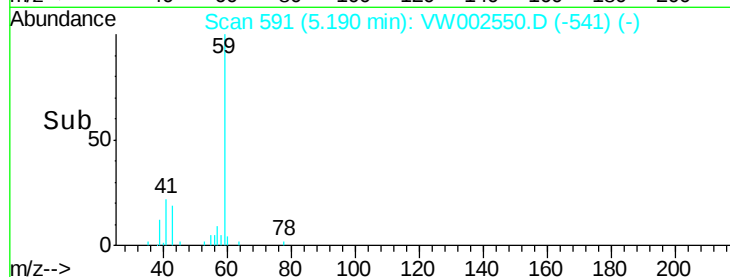
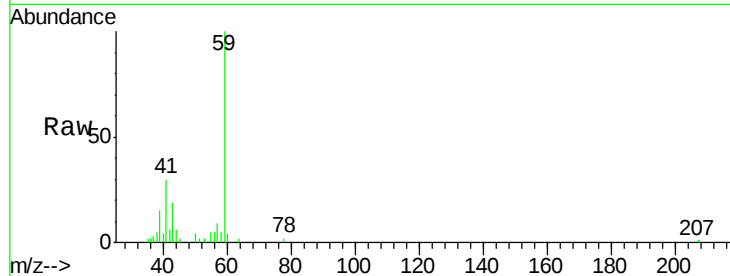
#11
Tert butvl alcohol
Concen: 98.78 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.2	12.4#

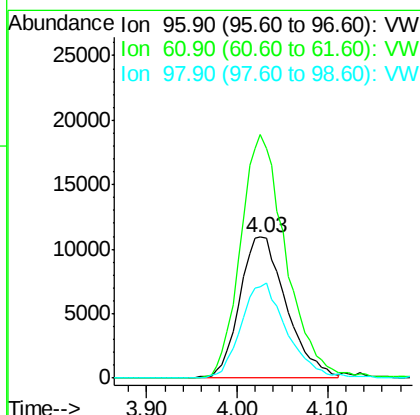
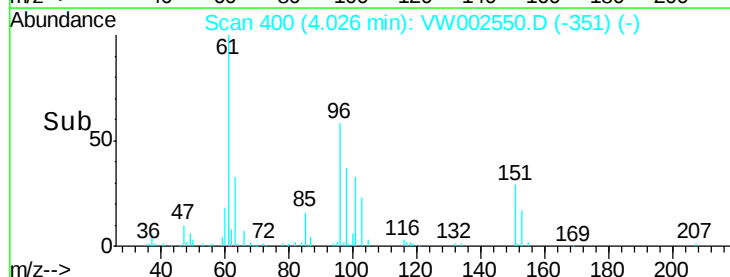
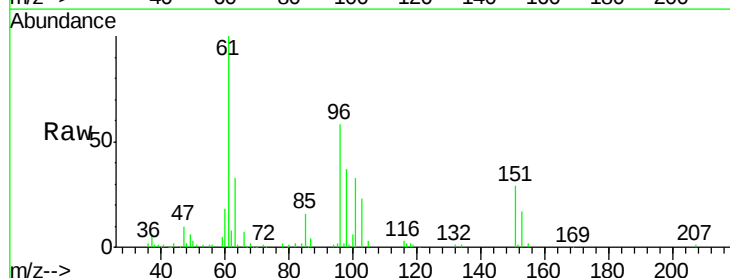
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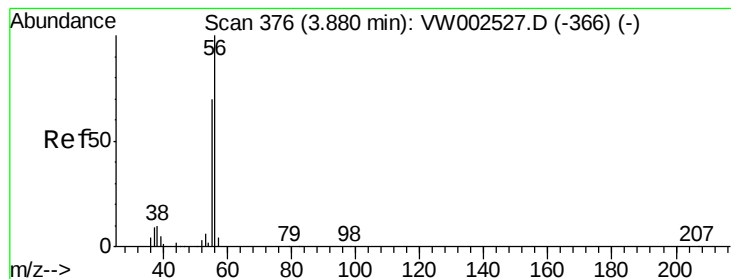
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#12
1,1-Dichloroethene
Concen: 20.03 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.5	132.2	198.2
98	64.4	50.6	76.0





#13

Acrolein

Concen: 99.01 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD02

Tot Ion: 56 Resp: 18093

Ion Ratio Lower Upper

56 100

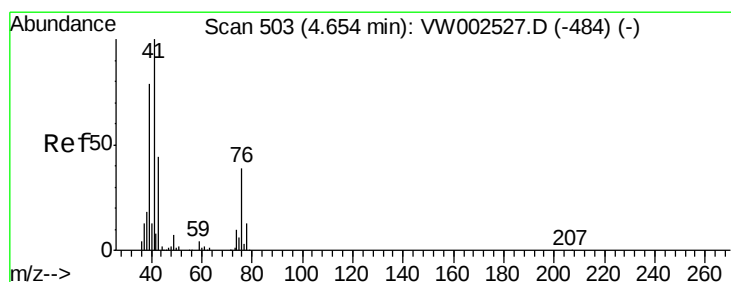
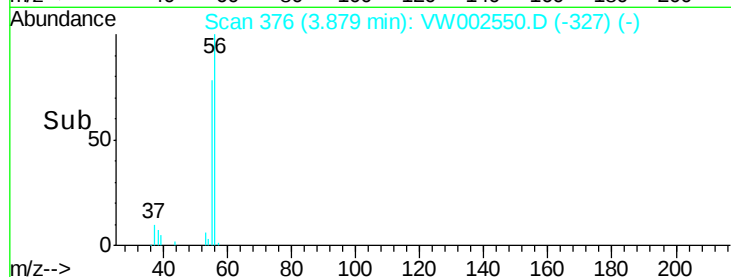
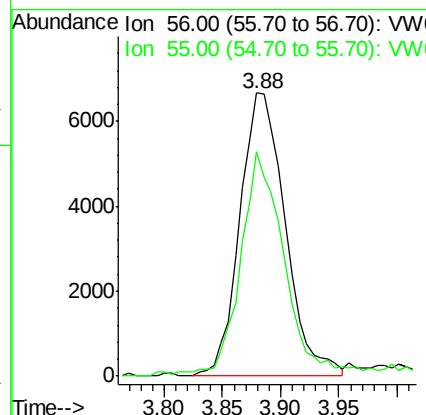
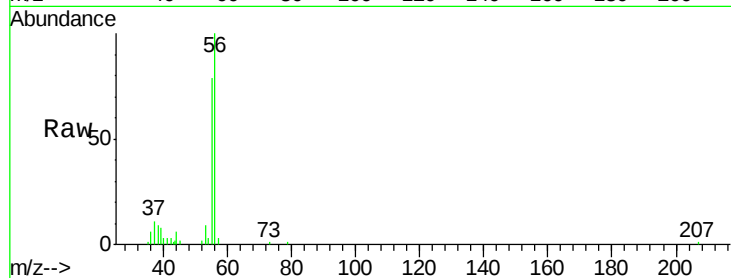
55 73.8 57.0 85.4

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#14

Allyl chloride

Concen: 20.16 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

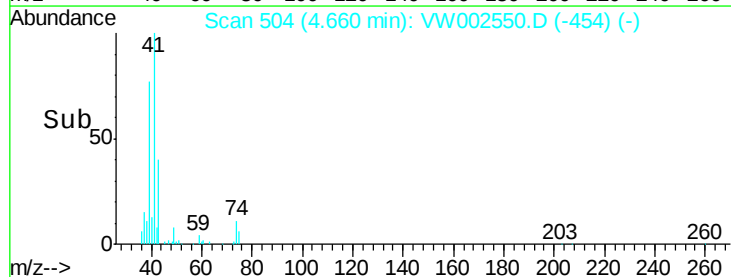
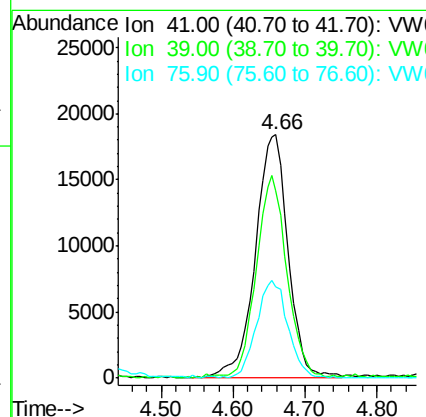
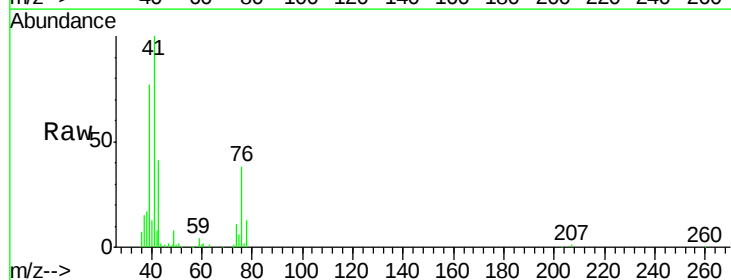
Tgt Ion: 41 Resp: 58442

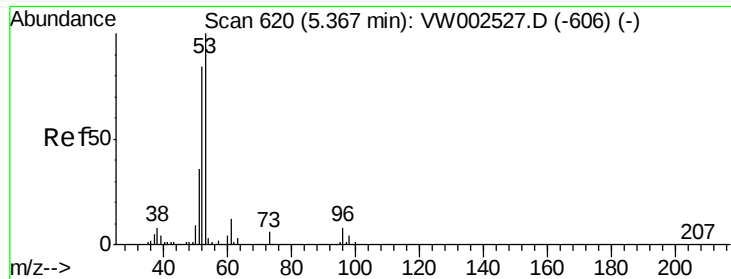
Ion Ratio Lower Upper

41 100

39 76.1 61.4 92.2

76 38.5 29.6 44.4





#15

Acrylonitrile

Concen: 94.62 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

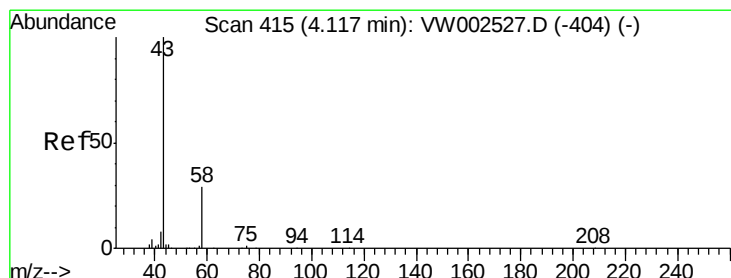
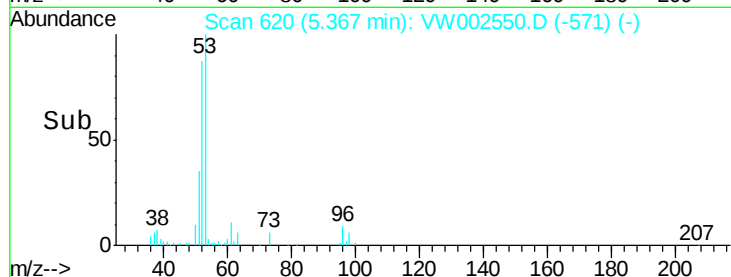
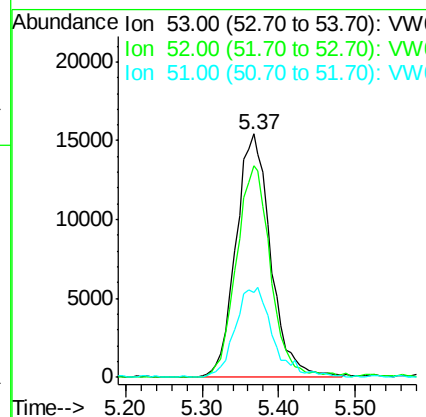
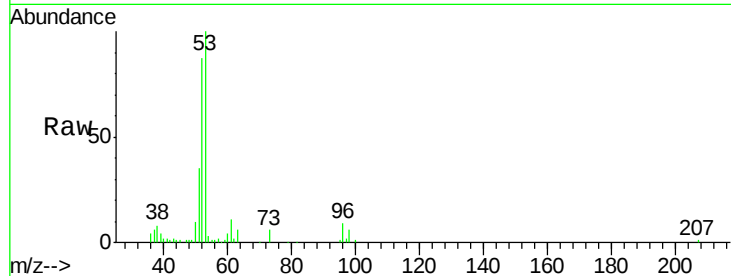
ClientSampleId :

VW0515SBS02

Tot Ion:	53	Resp:	48630
Ion	Ratio	Lower	Upper
53	100		
52	85.1	66.6	100.0
51	40.1	30.6	46.0

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#16

Acetone

Concen: 120.73 ug/l

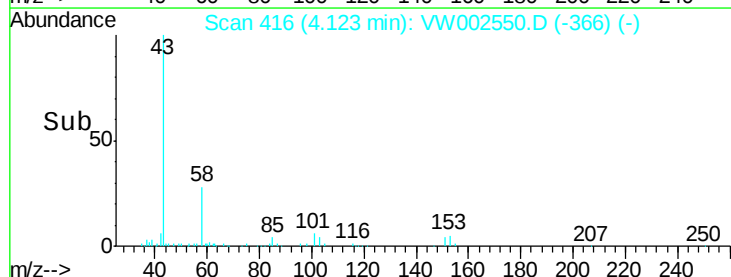
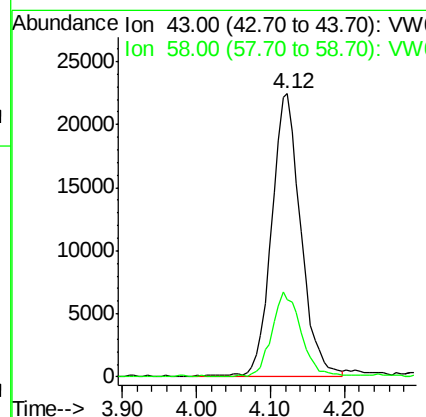
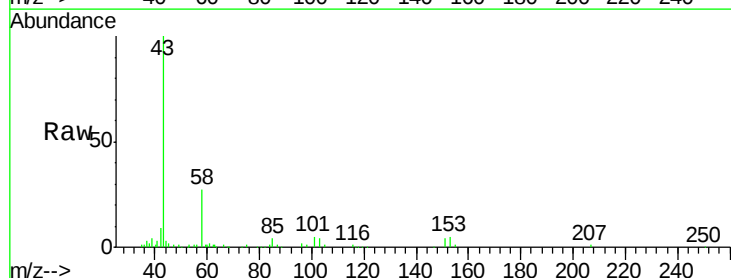
RT: 4.12 min Scan# 416

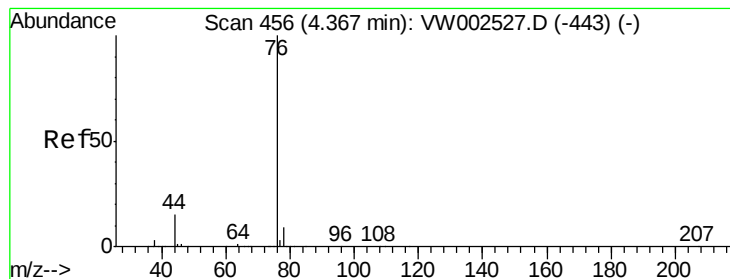
Delta R.T. 0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	43	Resp:	61502
Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.4	35.0





#17

Carbon Disulfide

Concen: 20.53 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD02

Tot Ion: 76 Resp: 110323

Ion Ratio Lower Upper

76 100

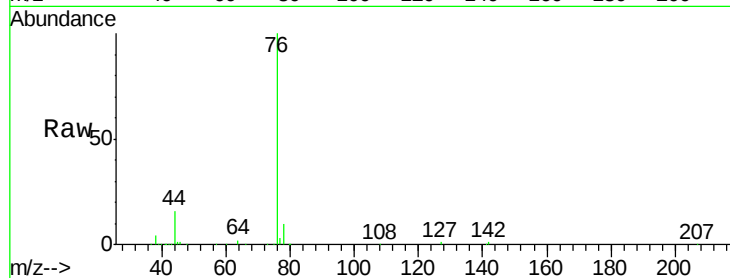
78 9.6 7.5 11.3

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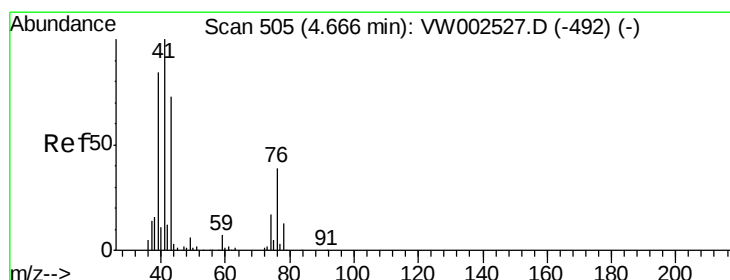
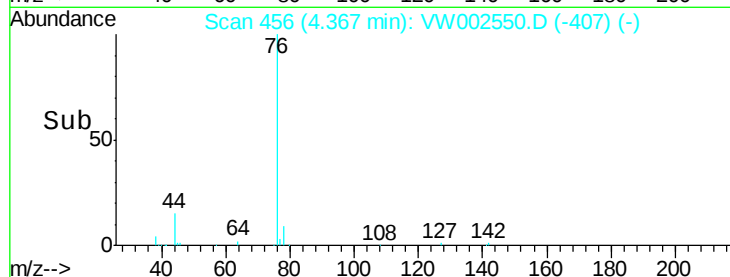
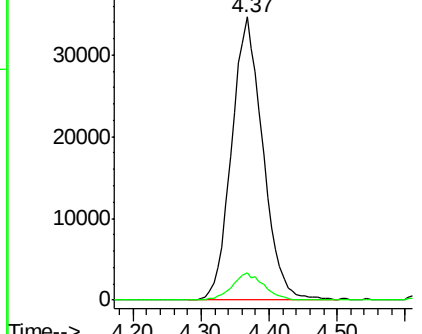
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.76 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW002550.D

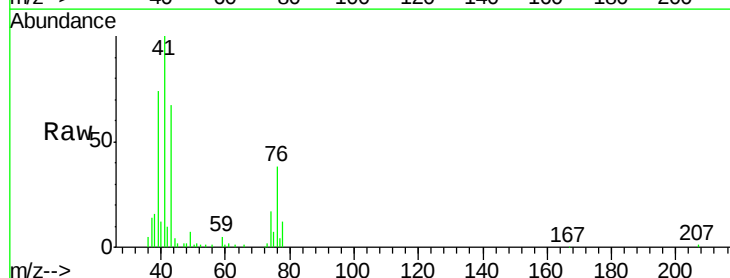
Acq: 15 May 2018 13:53

Tgt Ion: 43 Resp: 24884

Ion Ratio Lower Upper

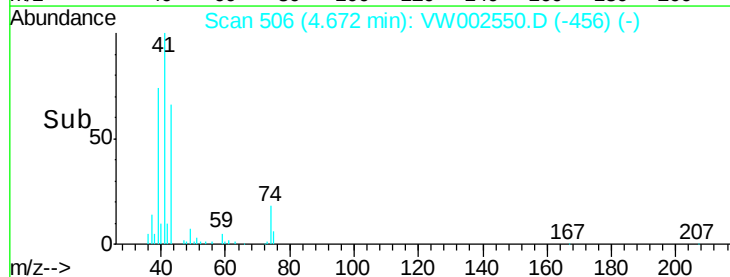
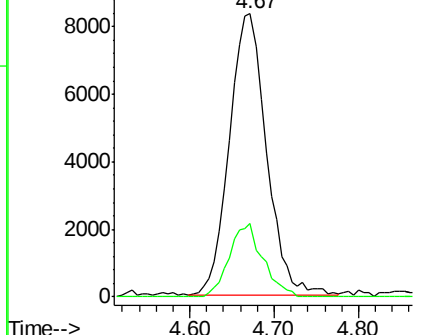
43 100

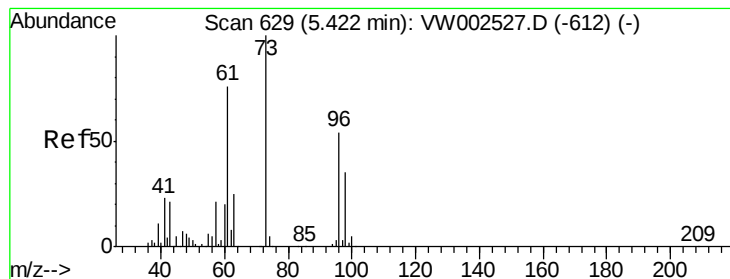
74 23.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

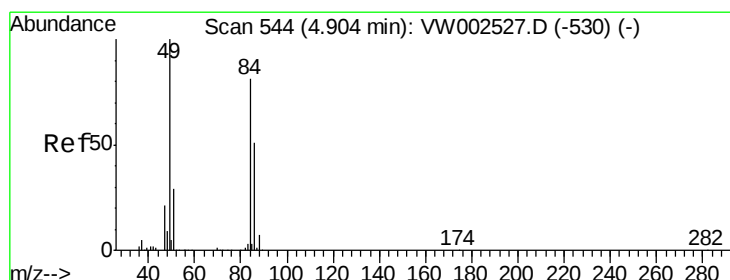
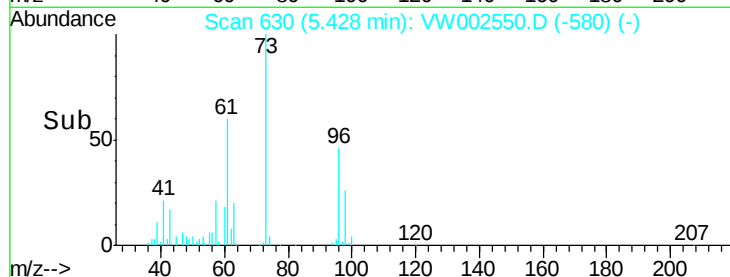
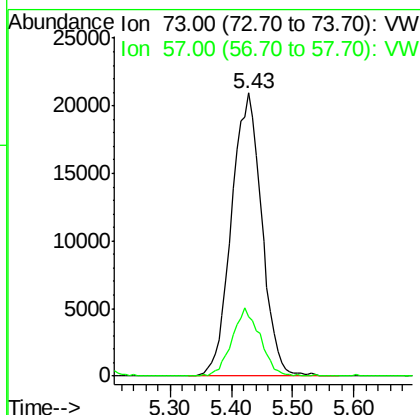
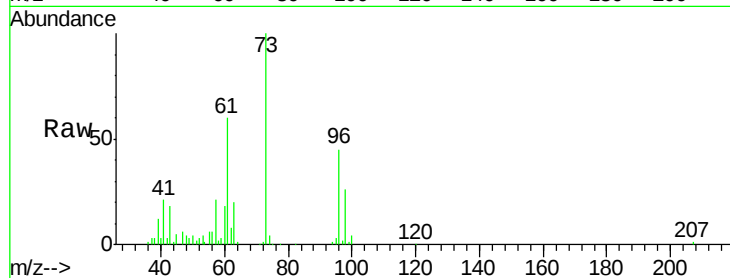
Methyl tert-butyl Ether
 Concen: 19.93 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.6

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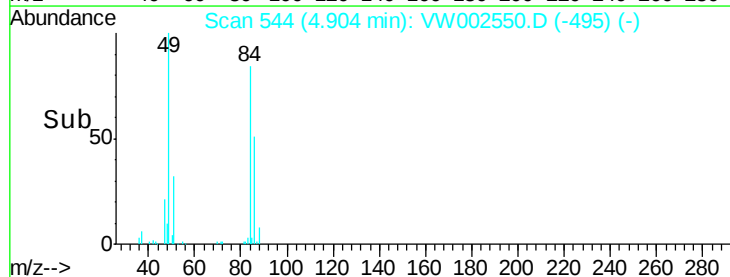
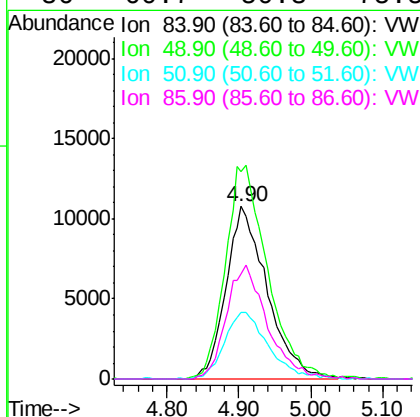
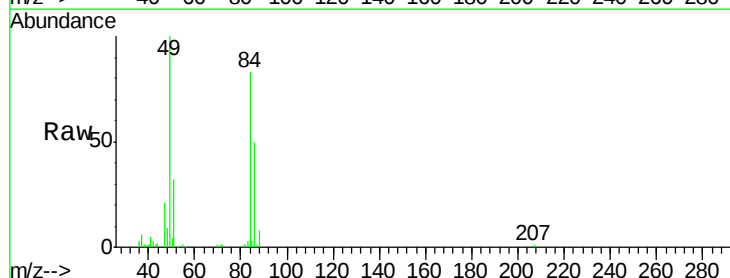
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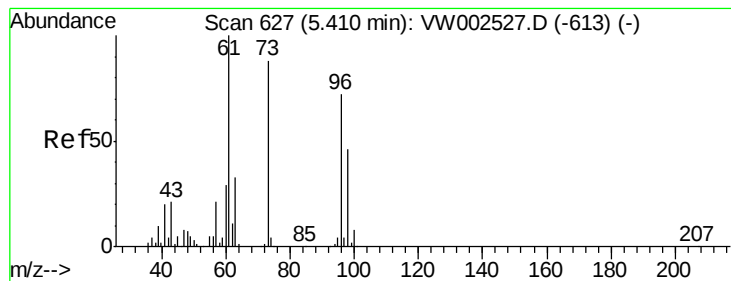


#20

Methylene Chloride
 Concen: 19.40 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	99.4	149.0
51	38.6	29.0	43.6
86	60.7	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 20.32 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

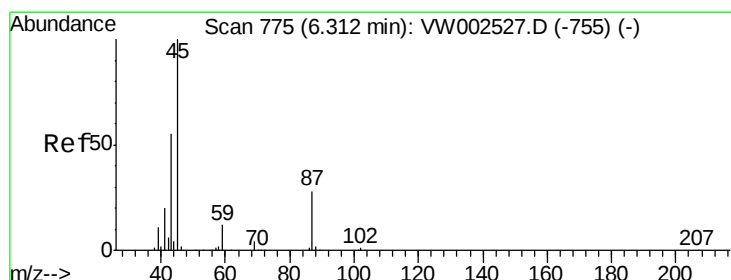
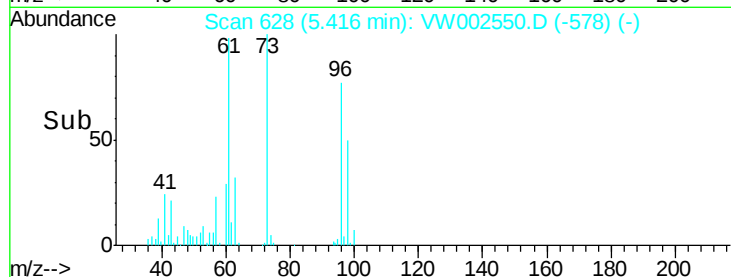
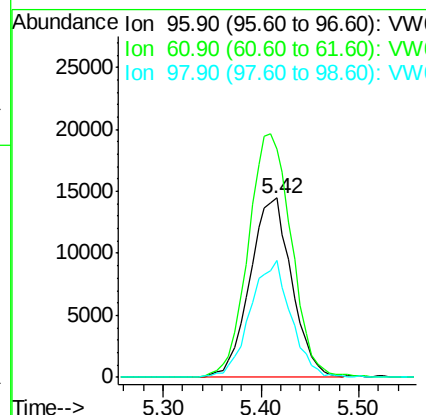
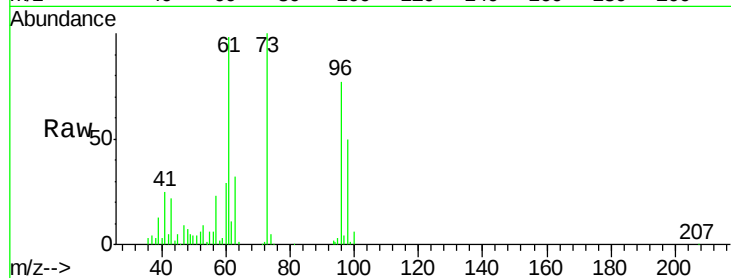
ClientSampleId :

VW0515SBS02

Tot Ion:	96	Resp:	42904
Ion	Ratio	Lower	Upper
96	100		
61	127.4	111.6	167.4
98	65.1	51.7	77.5

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#22

Diisopropyl ether

Concen: 19.74 ug/l

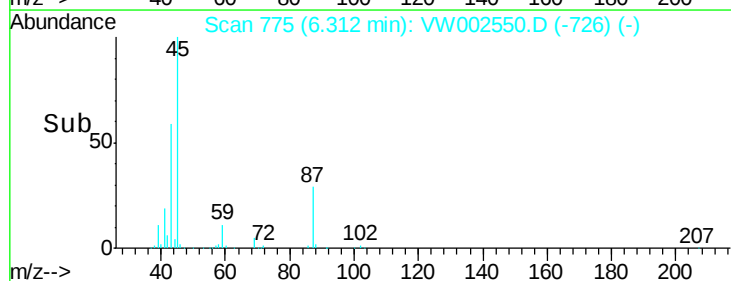
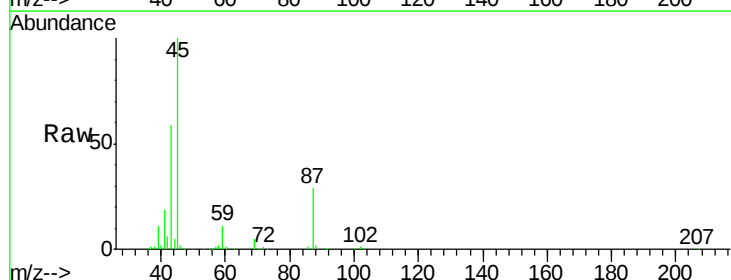
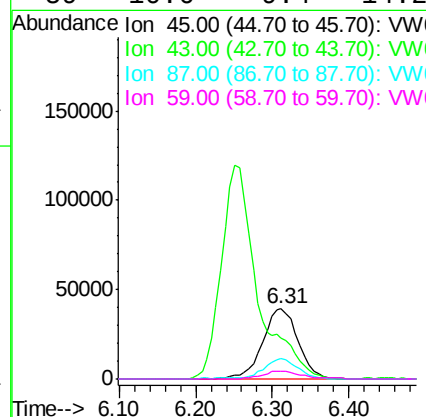
RT: 6.31 min Scan# 775

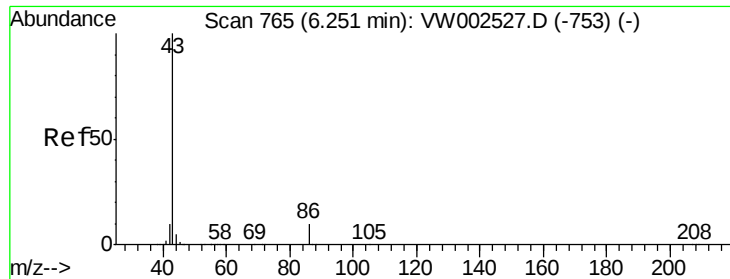
Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	45	Resp:	126756
Ion	Ratio	Lower	Upper
45	100		
43	58.2	44.4	66.6
87	29.2	23.0	34.4
59	10.6	9.4	14.2





#23

Vinyl Acetate

Concen: 101.09 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD02

Tot Ion: 43 Resp: 393333

Ion Ratio Lower Upper

43 100

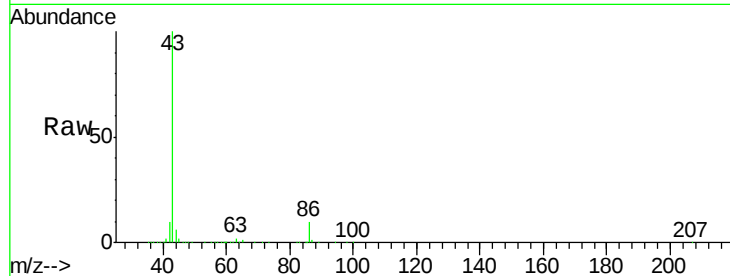
86 10.2 7.9 11.9

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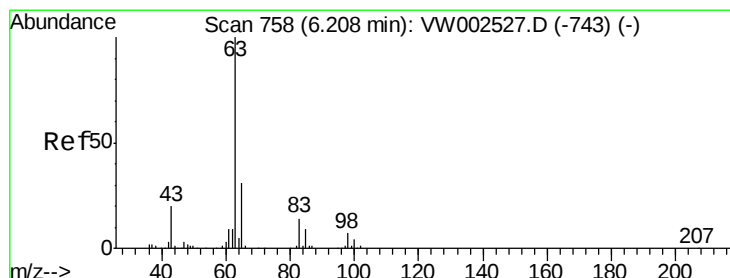
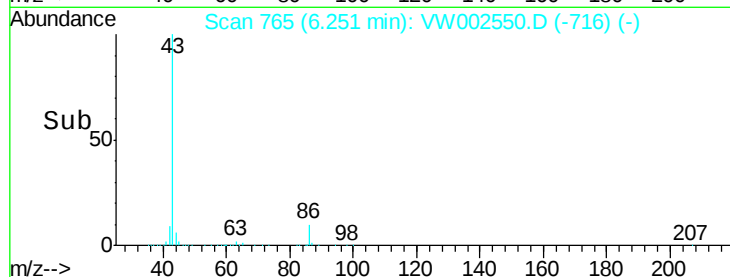
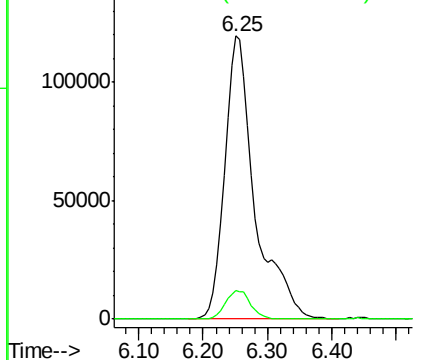
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.93 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

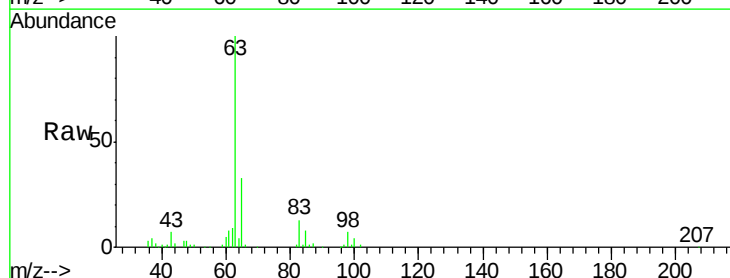
Tgt Ion: 63 Resp: 77124

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

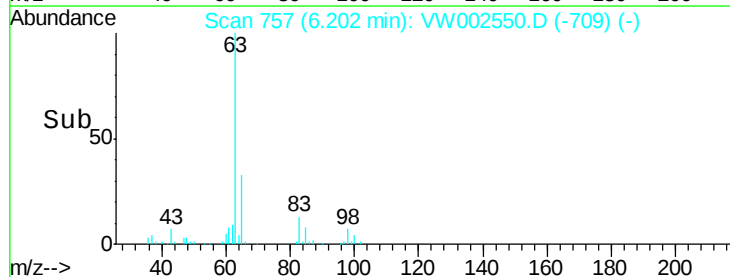
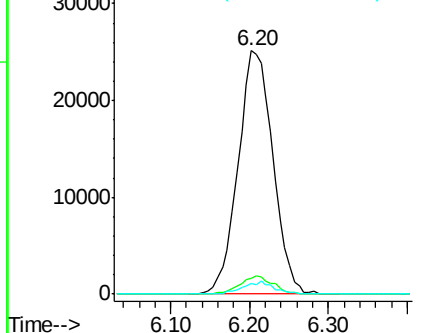
100 4.5 2.1 6.5

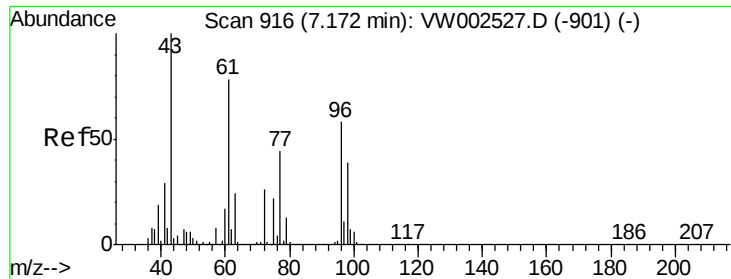


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 101.58 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 43 Resp: 73176

Ion Ratio Lower Upper

43 100

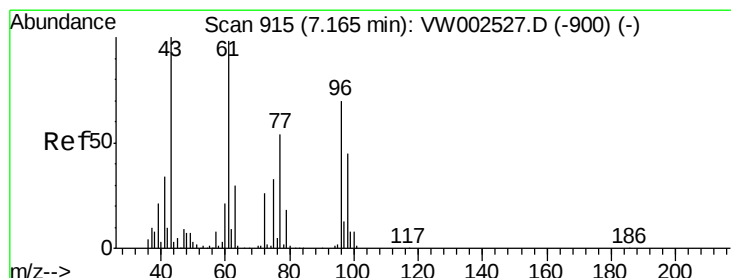
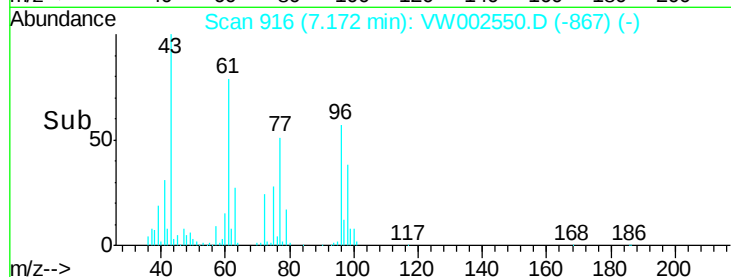
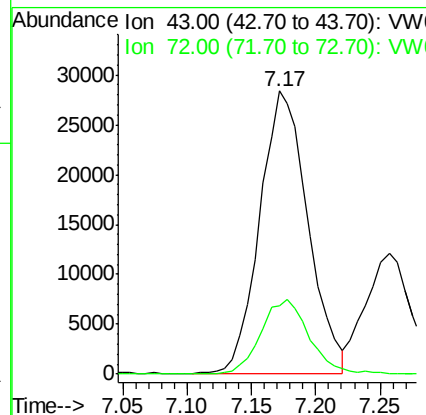
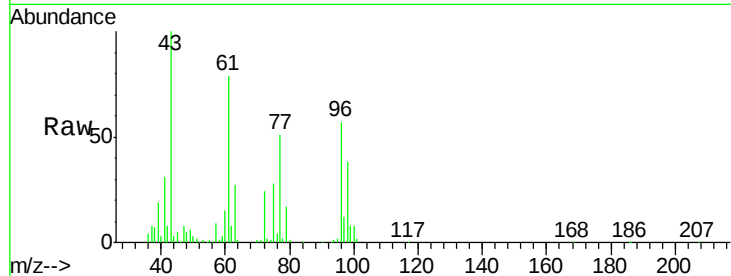
72 24.3 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 21.36 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002550.D

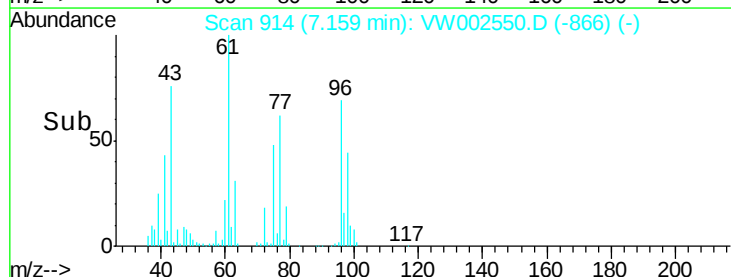
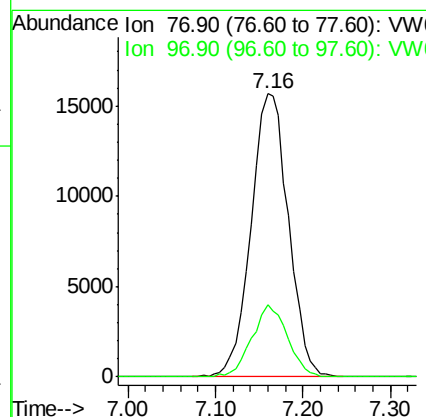
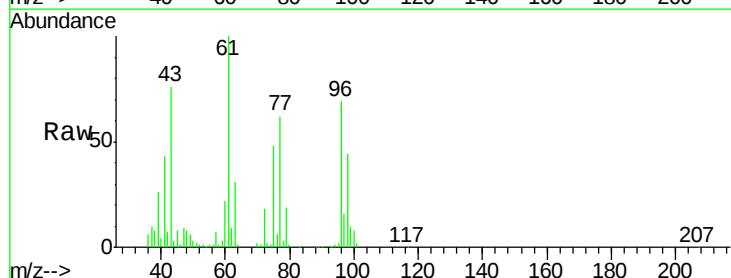
Acq: 15 May 2018 13:53

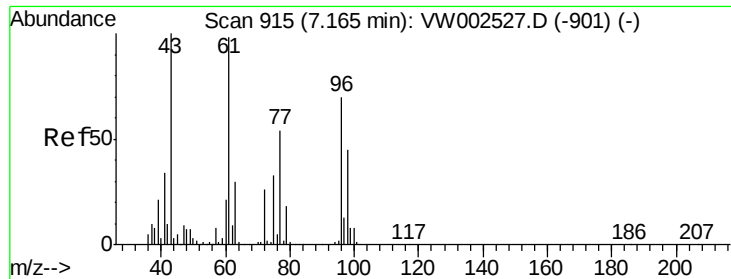
Tgt Ion: 77 Resp: 46311

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3





#27

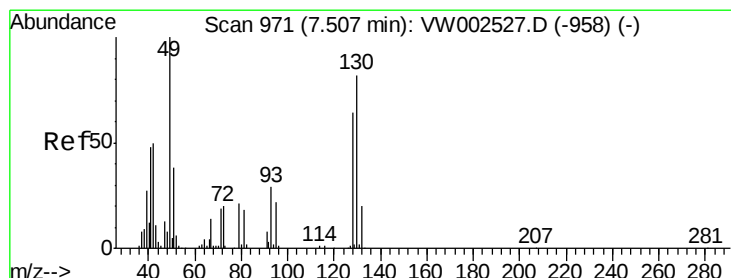
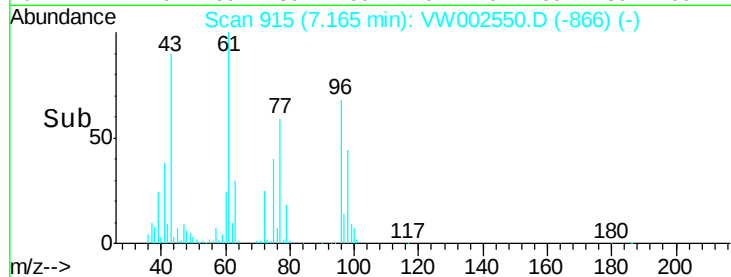
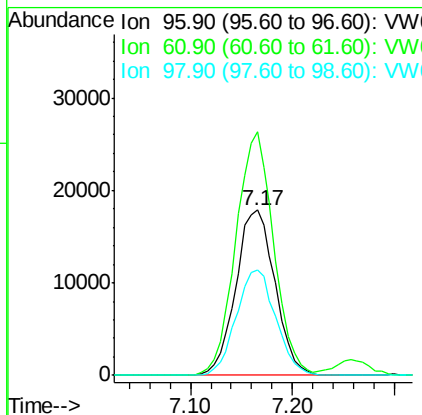
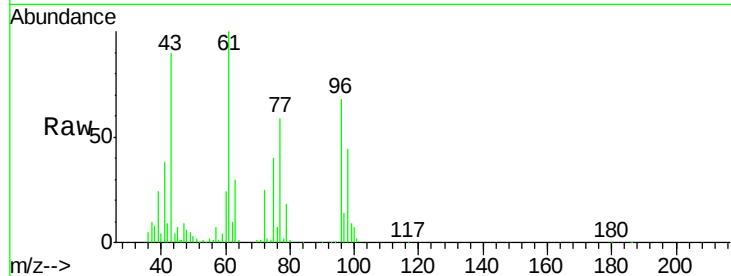
cis-1,2-Dichloroethene
 Concen: 19.74 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	281.6
98	64.6	0.0	130.8

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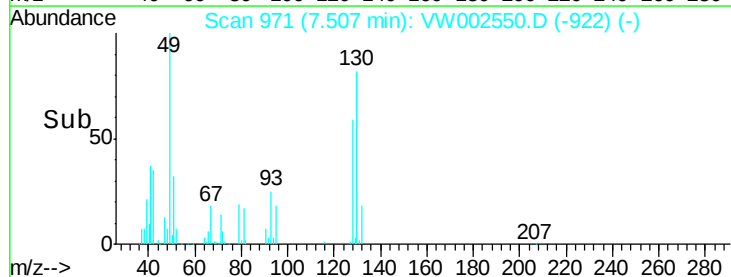
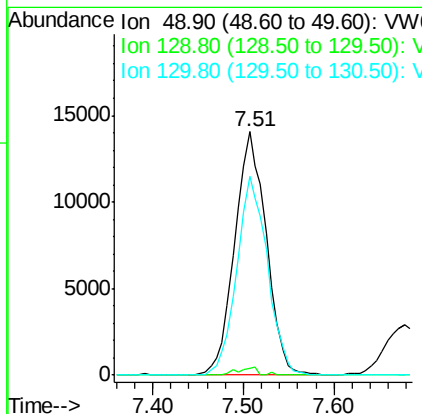
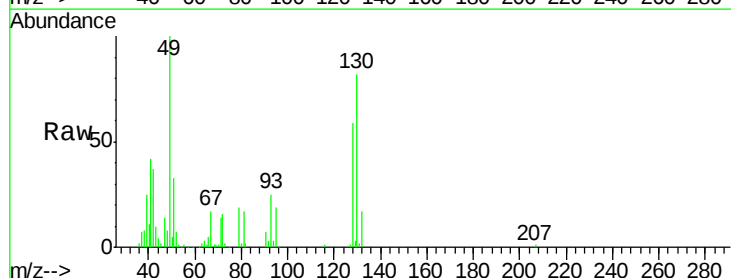
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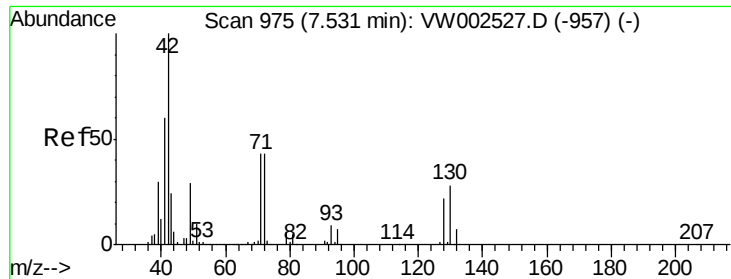


#28

Bromochloromethane
 Concen: 19.63 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	79.4	64.7	97.1





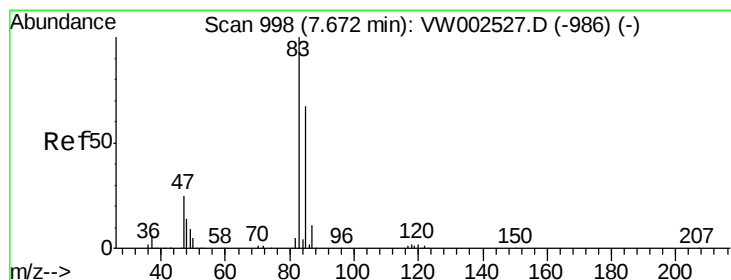
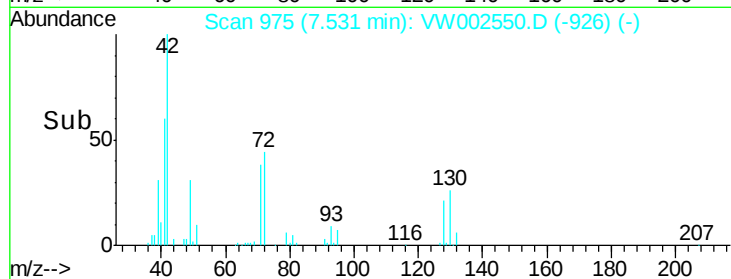
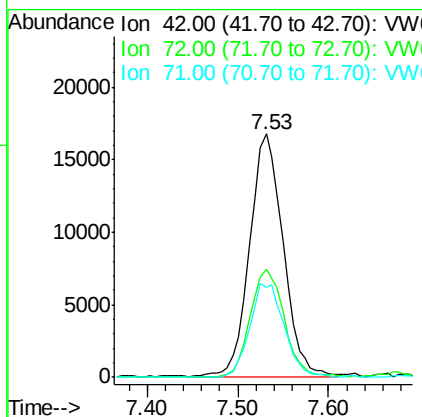
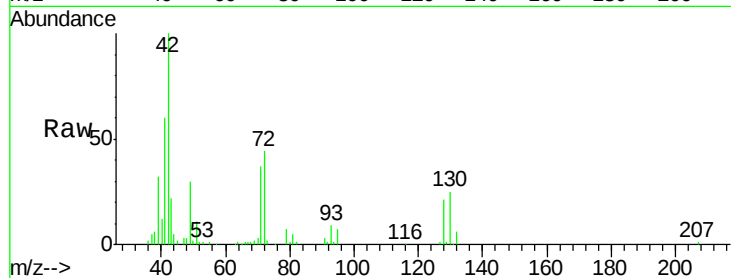
#29
Tetrahydrofuran
Concen: 96.41 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.0	52.4
71	39.3	33.0	49.6

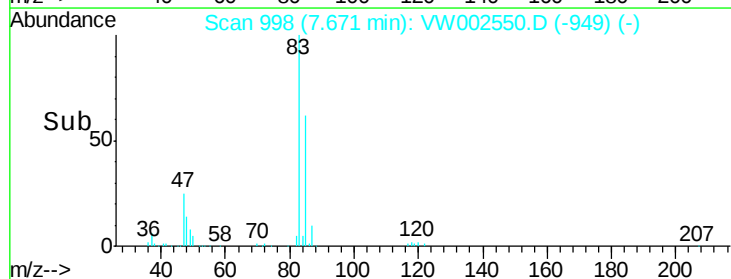
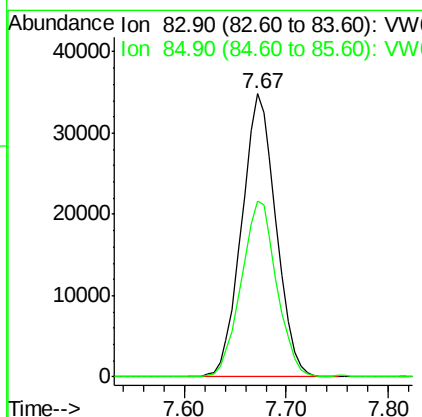
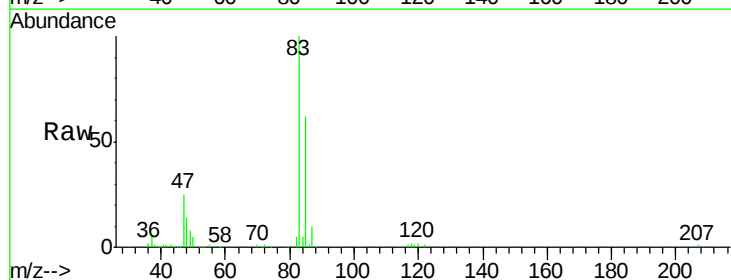
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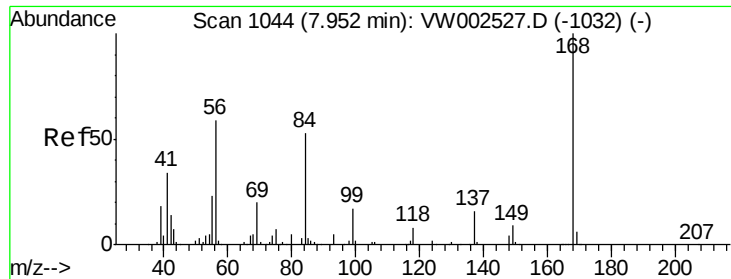
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#30
Chloroform
Concen: 19.68 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	53.9	80.9





#31

Cyclohexane

Concen: 20.45 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

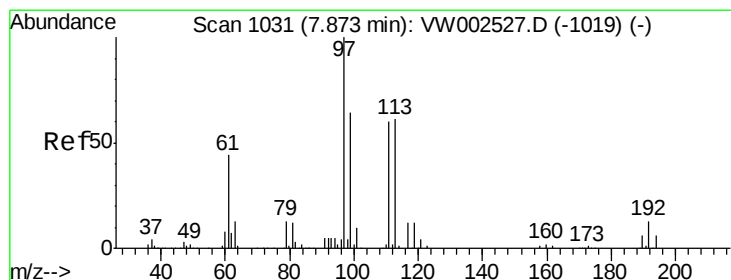
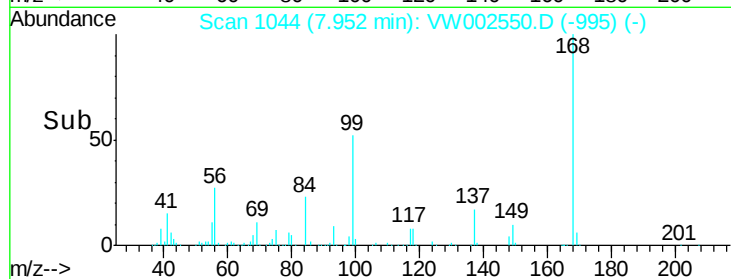
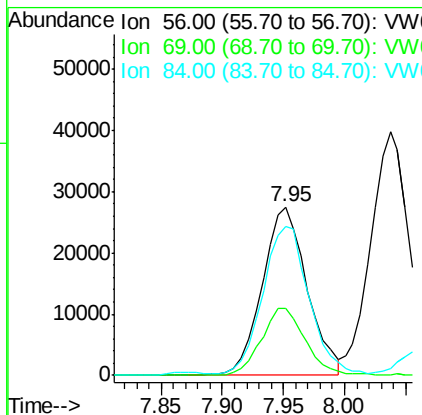
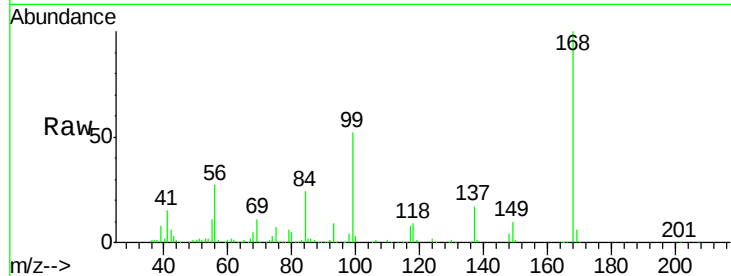
ClientSampleId :

VW0515SBS02

Tot Ion:	56	Resp:	70105
Ion Ratio	Lower	Upper	
56	100		
69	40.0	27.0	40.4
84	86.4	72.2	108.2

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#32

1,1,1-Trichloroethane

Concen: 20.79 ug/l

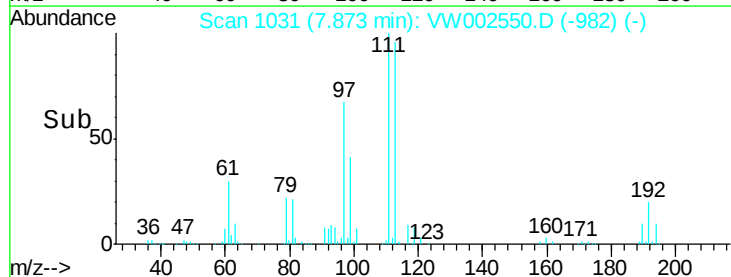
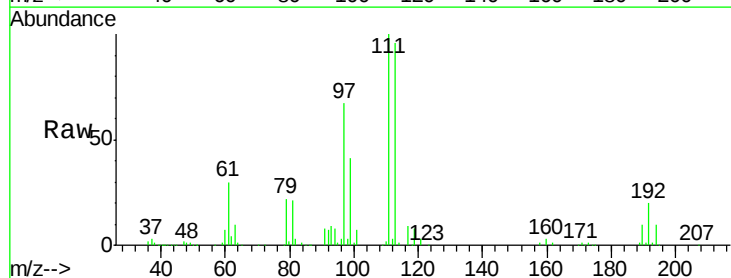
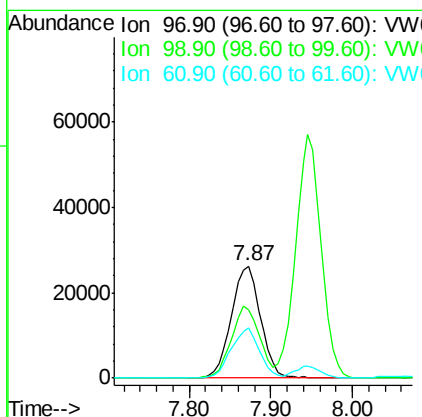
RT: 7.87 min Scan# 1031

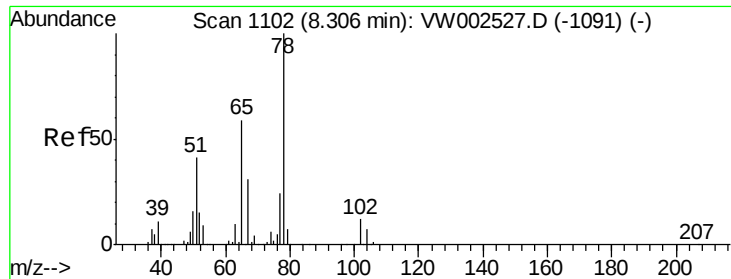
Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	97	Resp:	64801
Ion Ratio	Lower	Upper	
97	100		
99	62.1	51.1	76.7
61	43.2	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.27 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 65 Resp: 121297

Ion Ratio Lower Upper

65 100

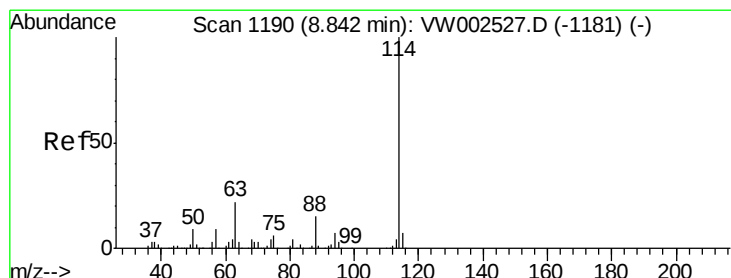
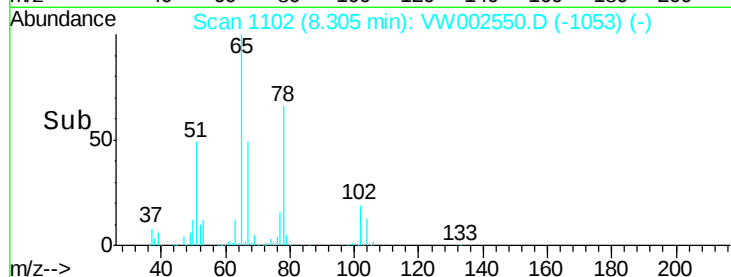
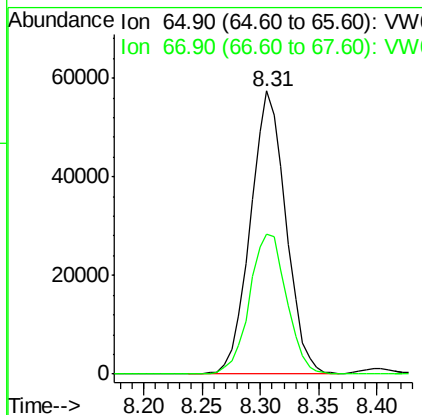
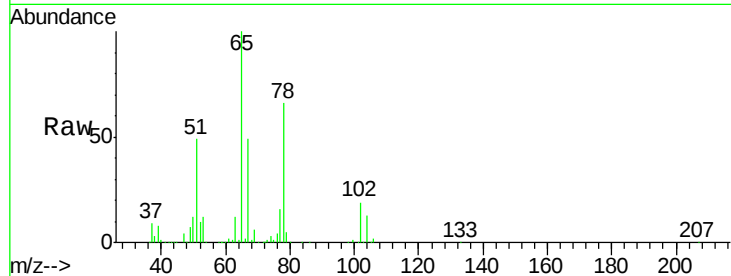
67 52.0 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

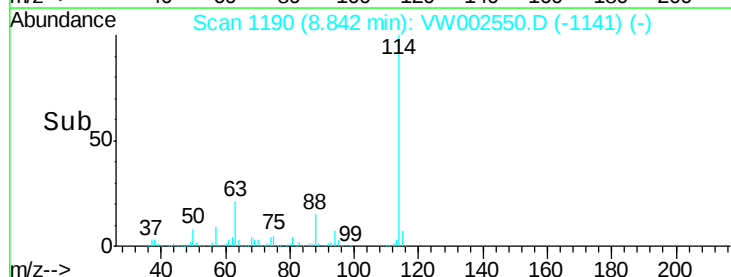
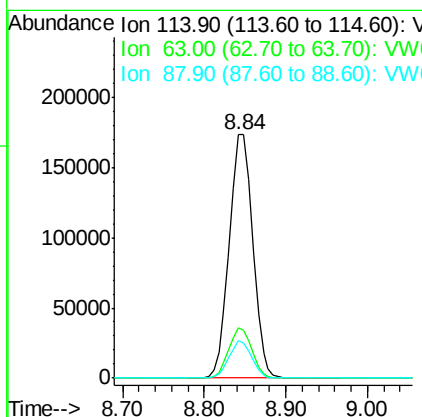
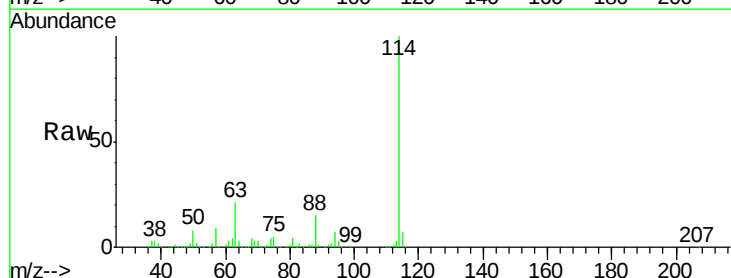
Tgt Ion: 114 Resp: 345568

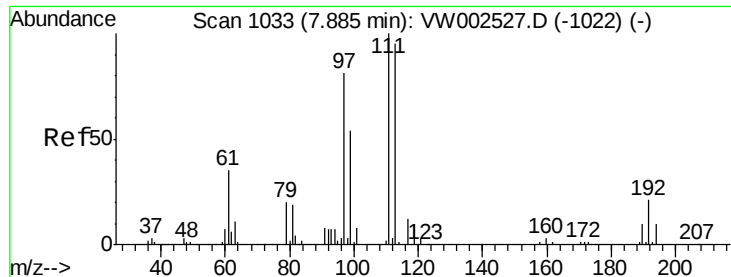
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.2 0.0 29.2





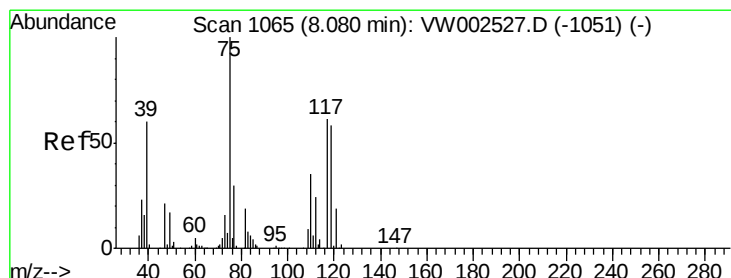
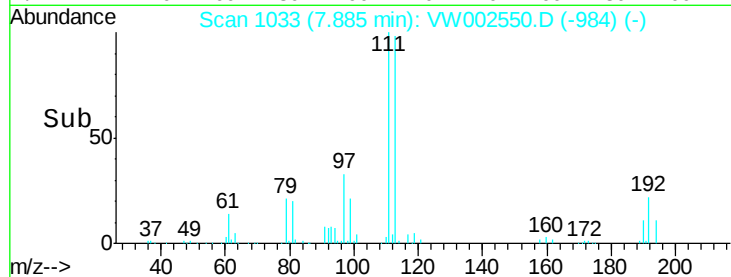
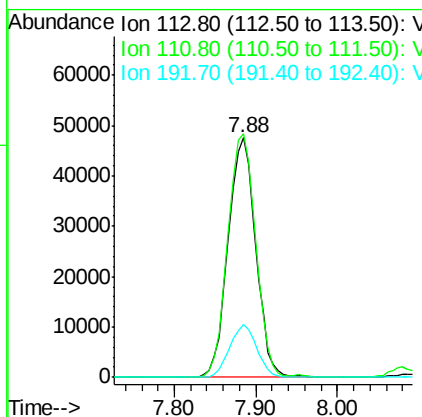
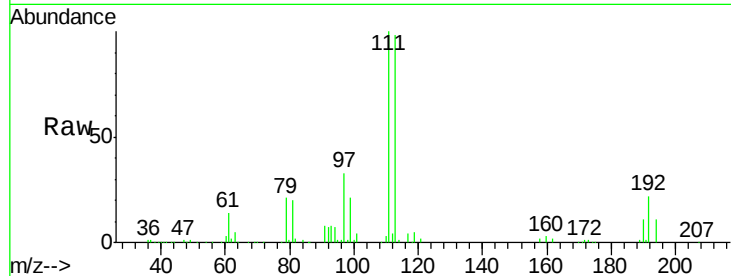
#35
 Dibromofluoromethane
 Concen: 50.59 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110917		
111	102.5	81.8	122.8	
192	21.7	17.5	26.3	

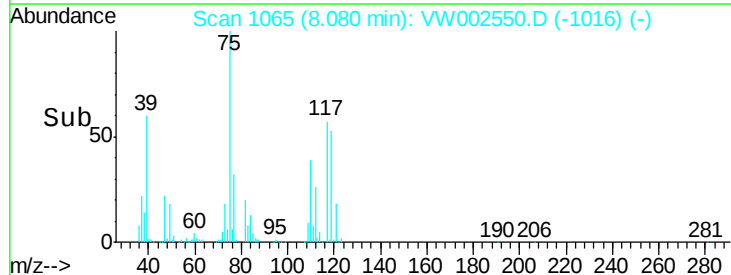
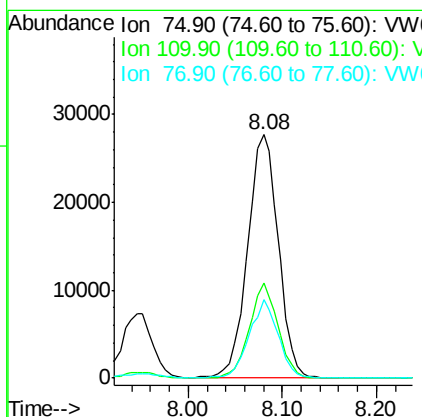
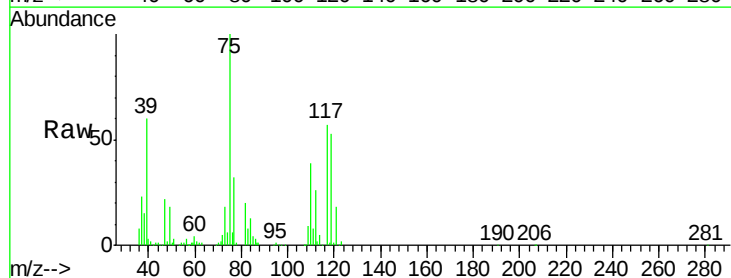
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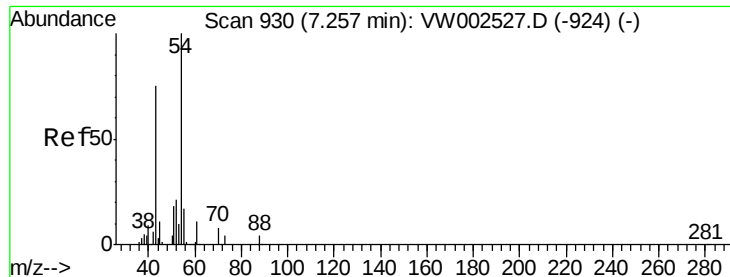
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#36
 1,1-Dichloropropene
 Concen: 20.79 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63412		
110	36.2	17.8	53.5	
77	30.5	24.5	36.7	





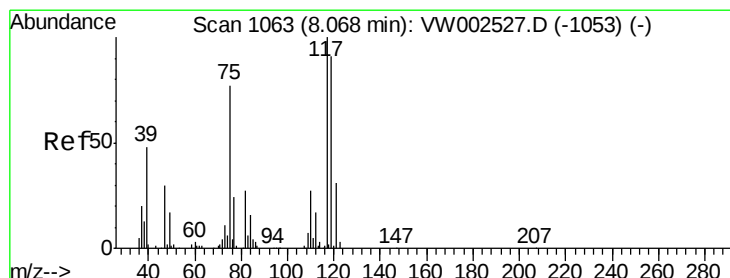
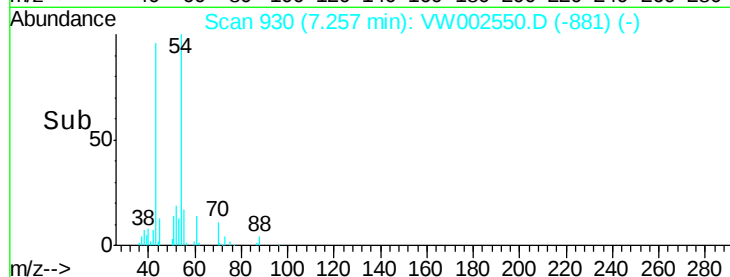
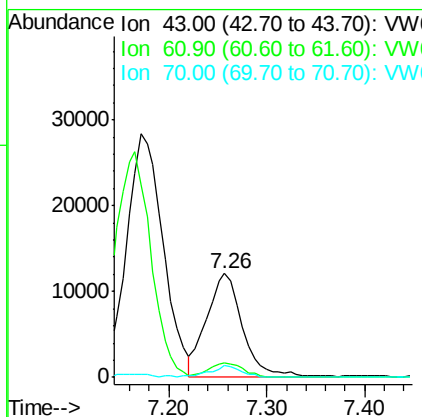
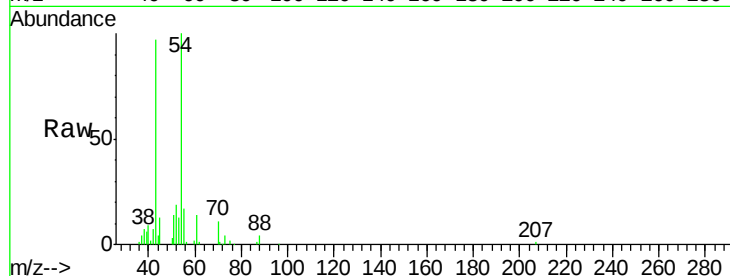
#37
Ethyl Acetate
Concen: 20.03 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.8	7.8	11.8

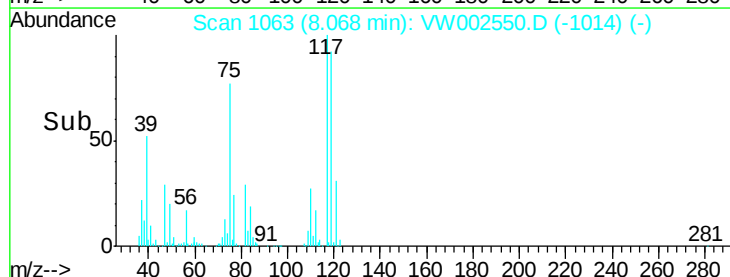
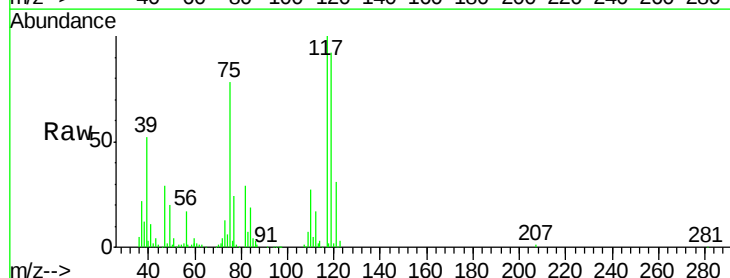
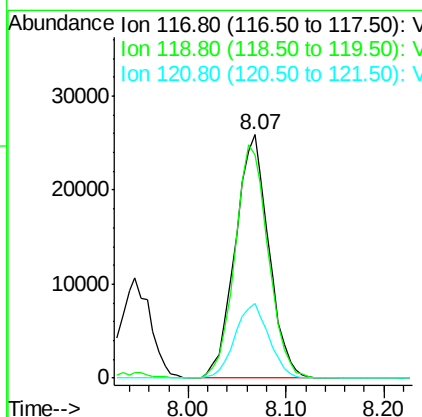
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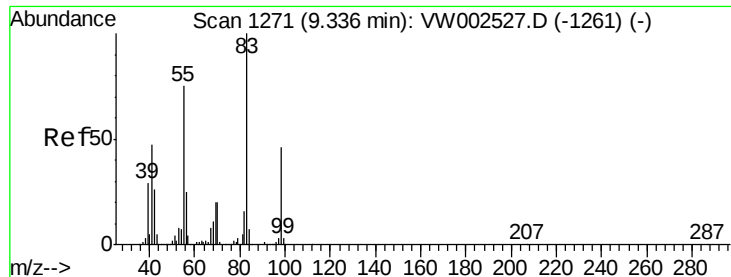
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#38
Carbon Tetrachloride
Concen: 20.61 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	73.1	109.7
121	30.6	24.4	36.6





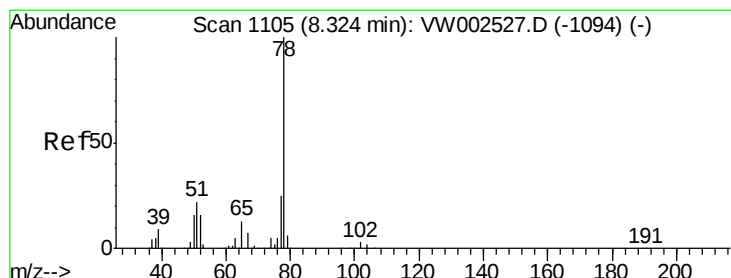
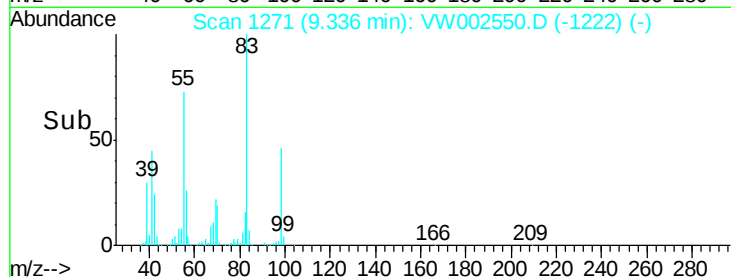
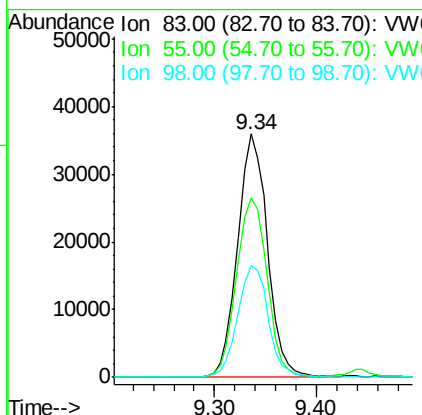
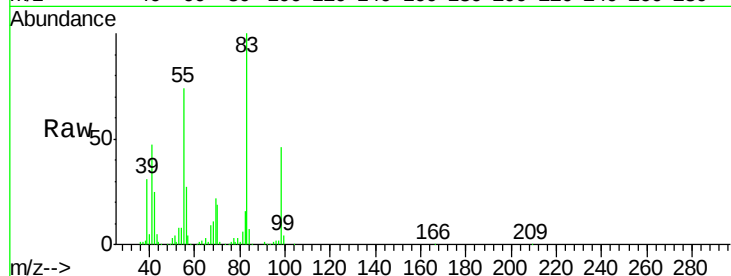
#39
Methvlcvclohexane
Concen: 20.92 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.0	90.0
98	46.1	37.0	55.4

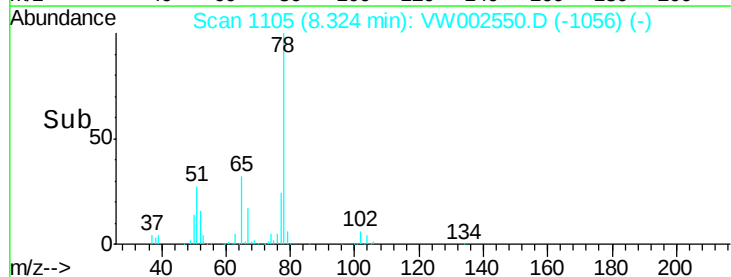
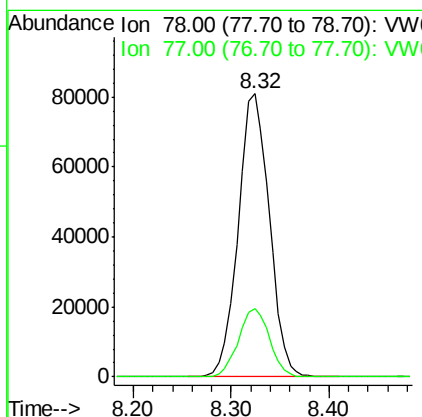
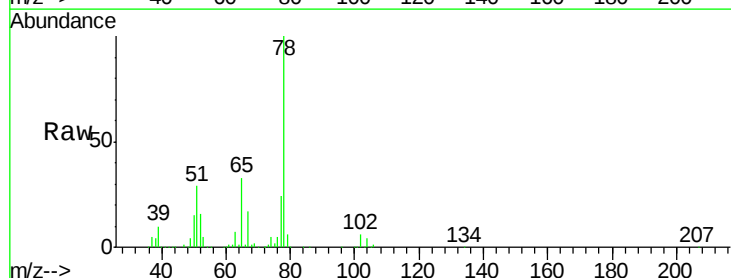
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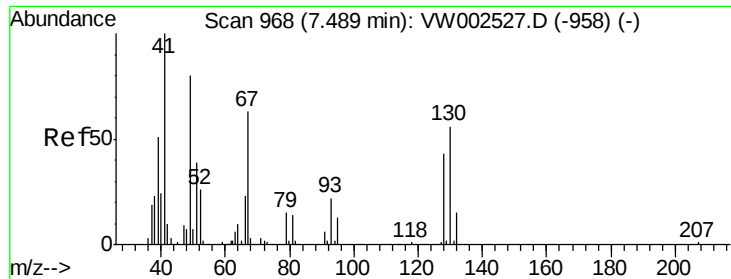
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#40
Benzene
Concen: 20.40 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.9	29.9





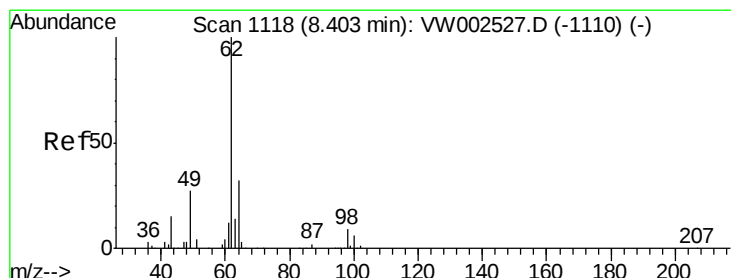
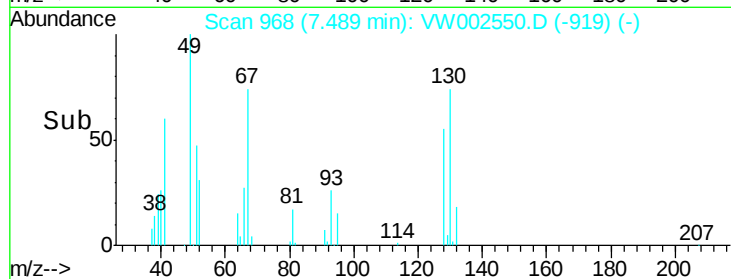
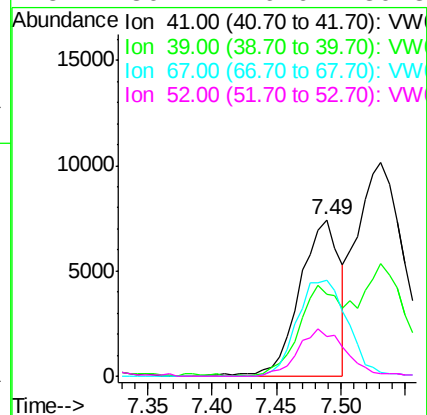
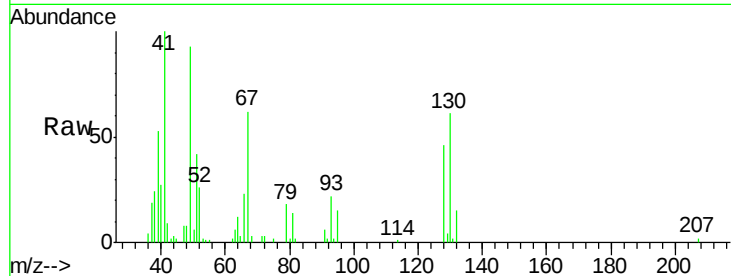
#41
Methacrylonitrile
Concen: 18.96 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.6	51.8	77.8	
67	77.3	59.9	89.9	
52	36.2	26.6	39.8	

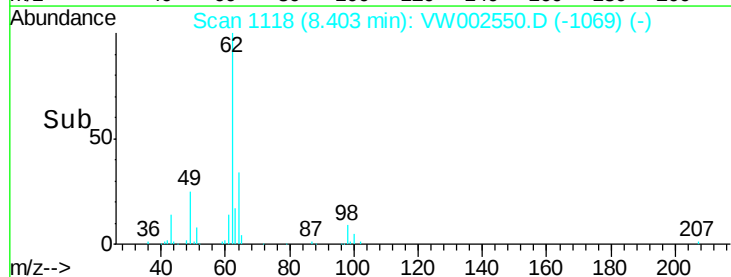
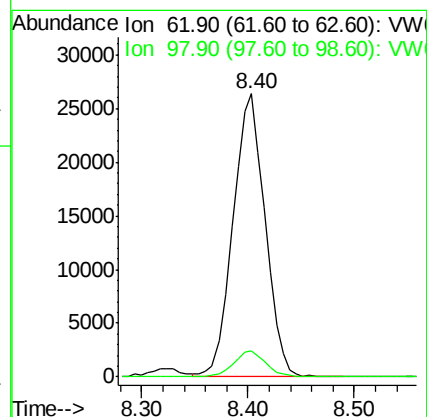
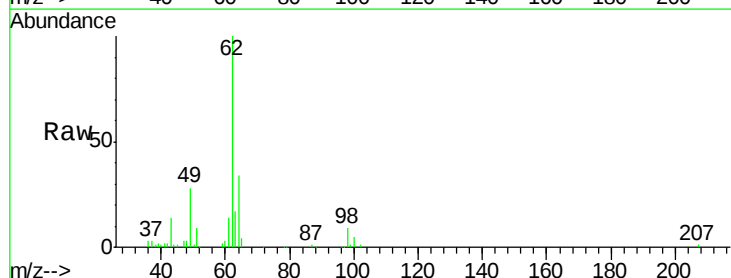
Manual Integrations
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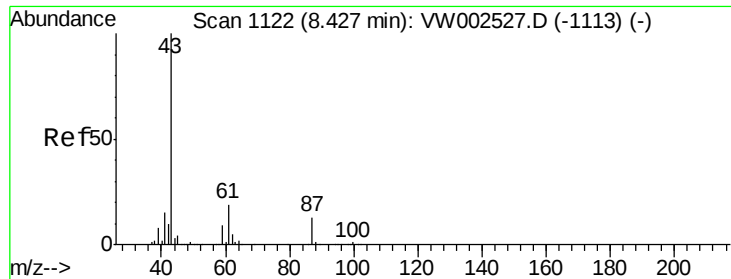
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#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.8	





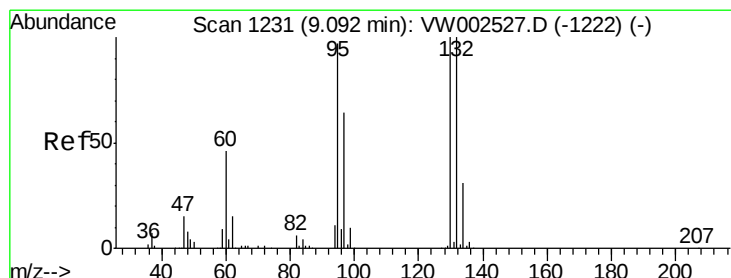
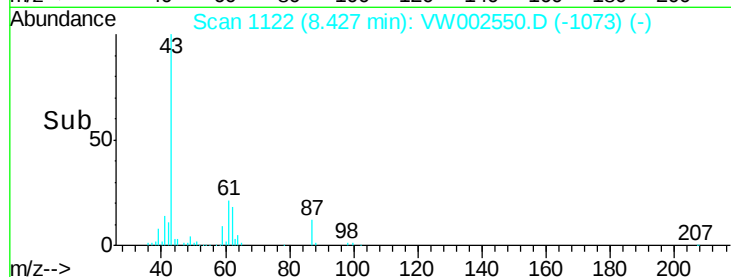
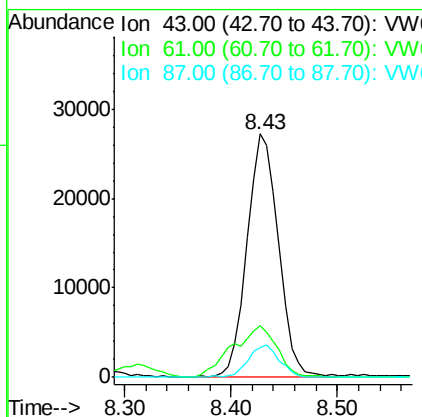
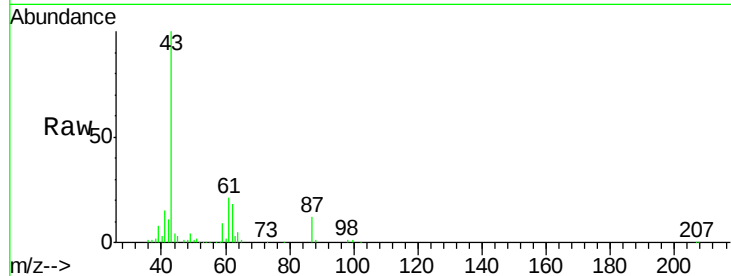
#43
Isopropyl Acetate
Concen: 19.51 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.6
87	13.1	10.6	15.8

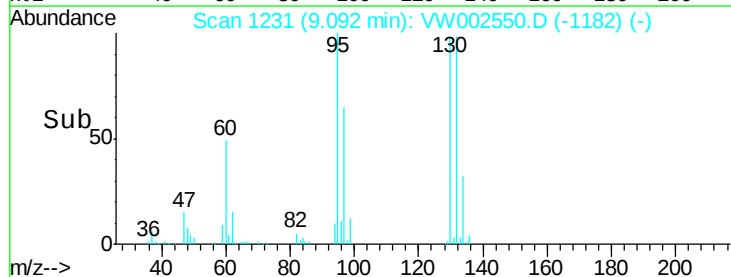
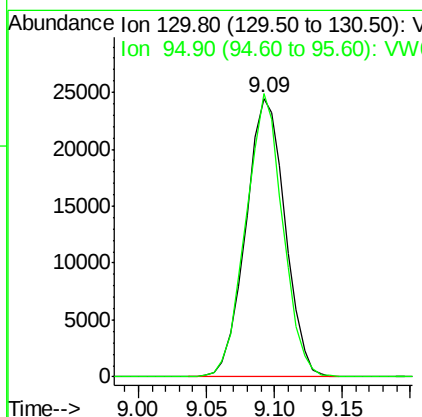
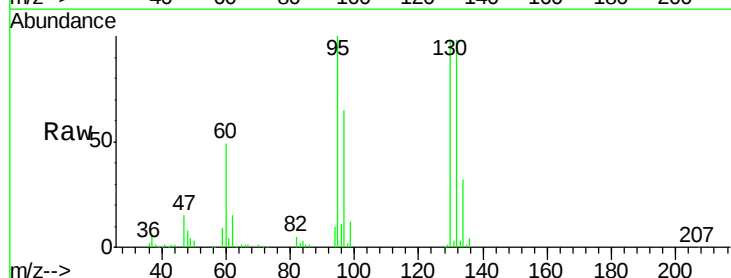
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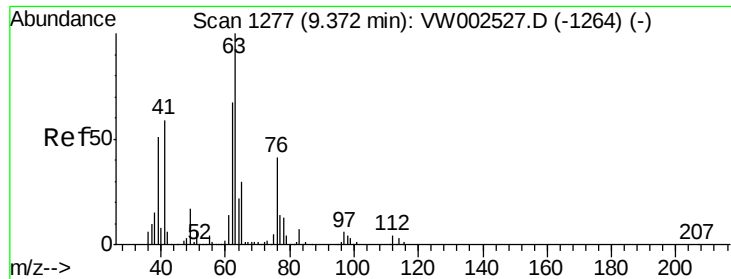
apatel
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#44
Trichloroethene
Concen: 20.54 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	194.6





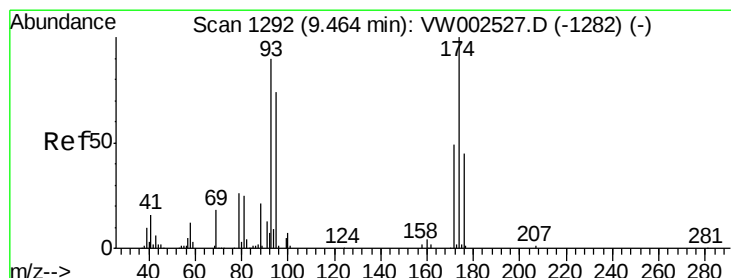
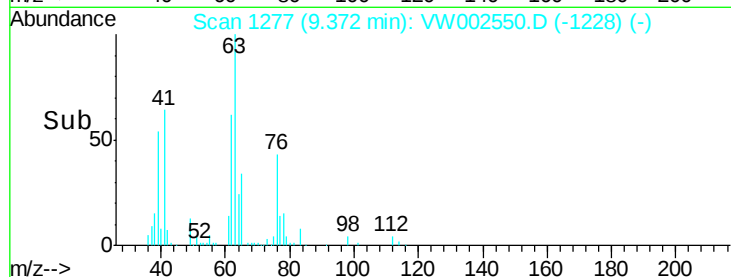
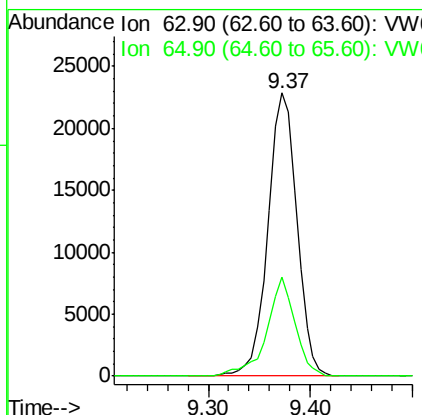
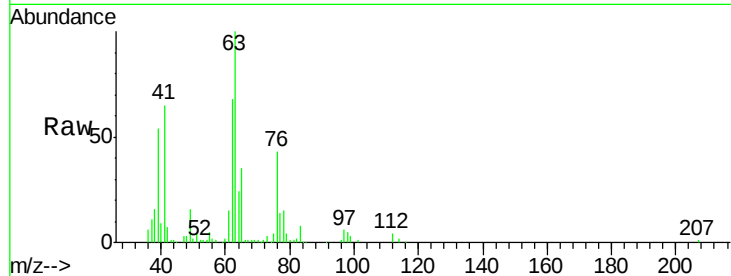
#45
 1,2-Dichloropropane
 Concen: 20.13 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion	63	Resp	44913
Ion Ratio	Lower	Upper	
63	100		
65	35.1	24.4	36.6

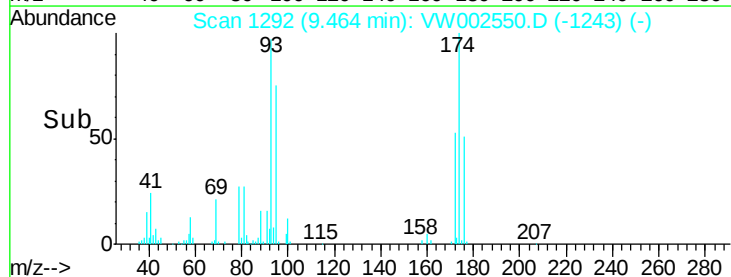
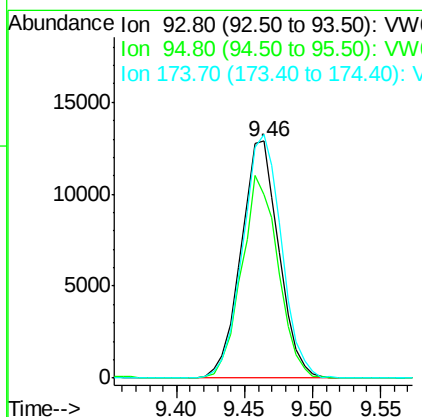
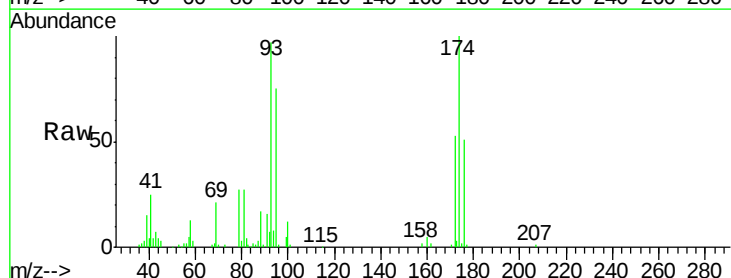
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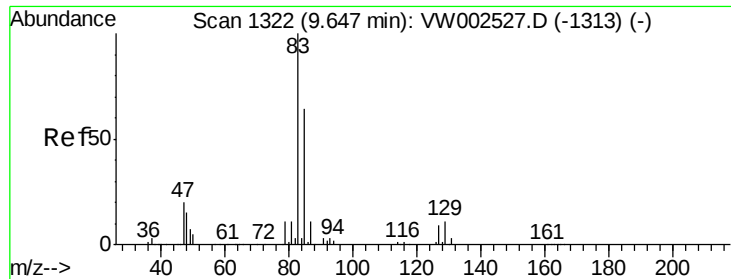
apatel
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#46
 Dibromomethane
 Concen: 19.76 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	93	Resp	25087
Ion Ratio	Lower	Upper	
93	100		
95	82.4	66.6	100.0
174	105.0	84.0	126.0





#47

Bromodichloromethane

Concen: 19.86 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

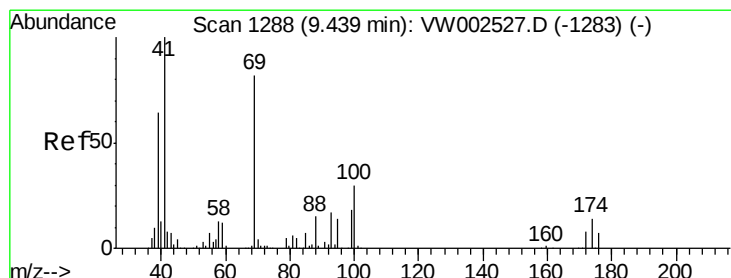
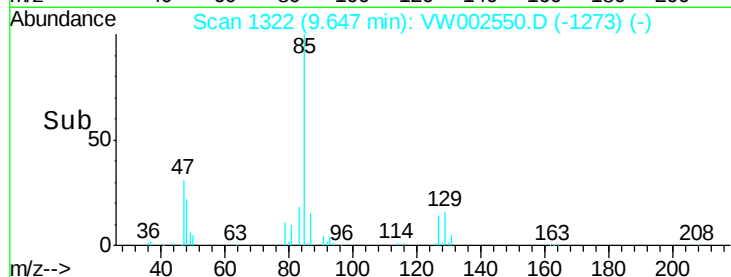
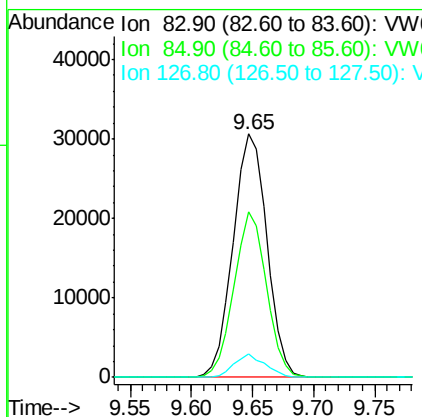
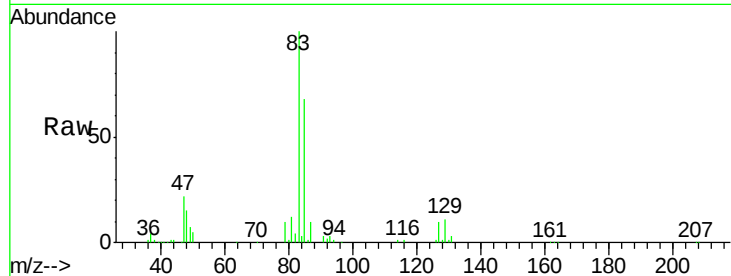
ClientSampleId :

VW0515SBS02

Tot Ion:	83	Resp:	58804
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.4	77.2
127	9.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.81 ug/l

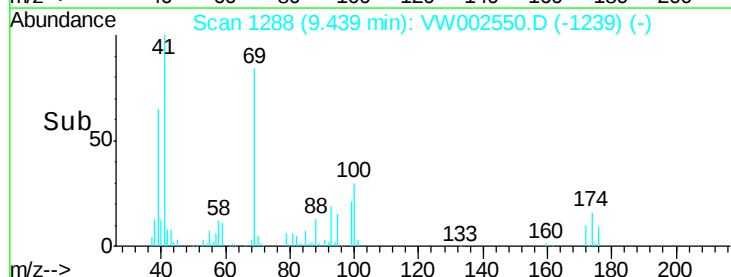
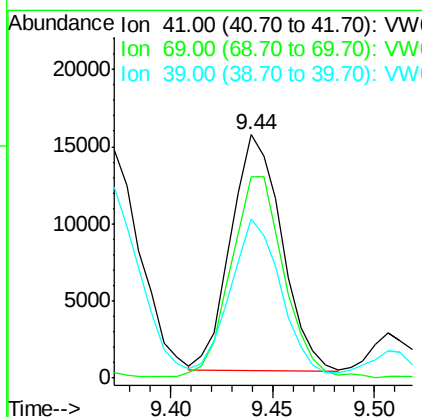
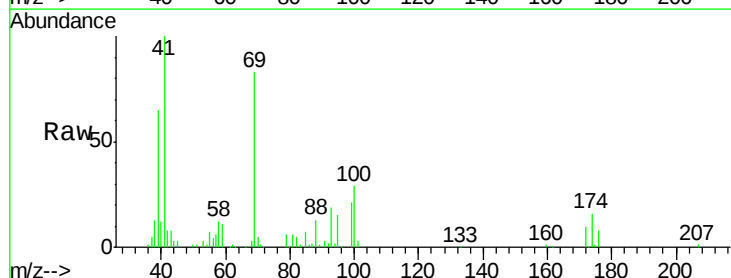
RT: 9.44 min Scan# 1288

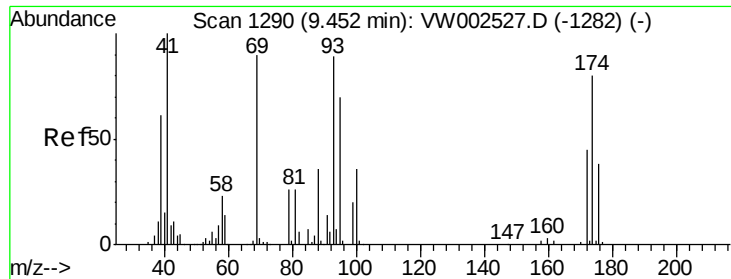
Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	41	Resp:	26517
Ion	Ratio	Lower	Upper
41	100		
69	88.5	69.7	104.5
39	68.3	55.0	82.4





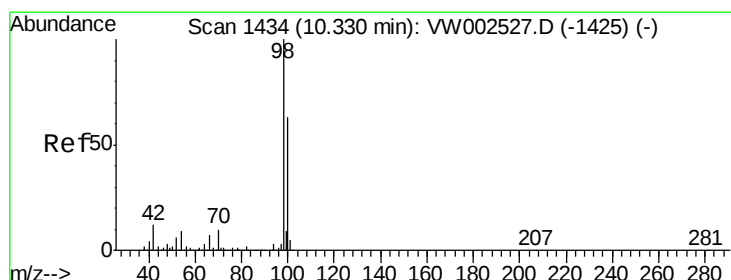
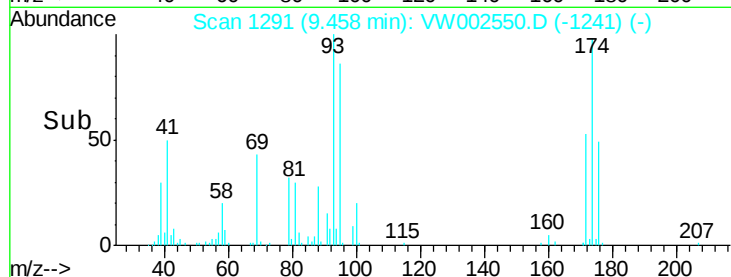
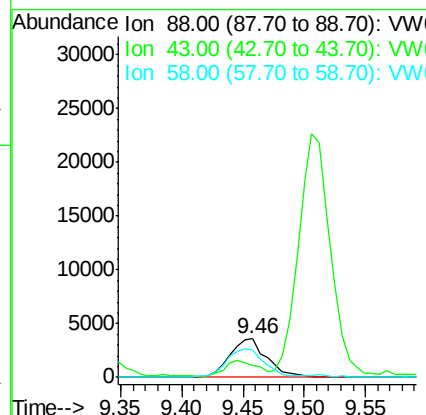
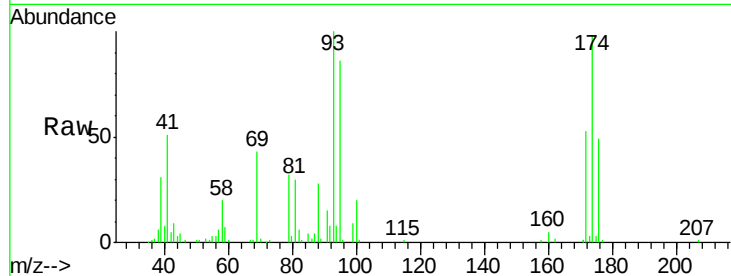
#49
1,4-Dioxane
Concen: 360.19 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	27.0	40.4
58	76.5	56.9	85.3

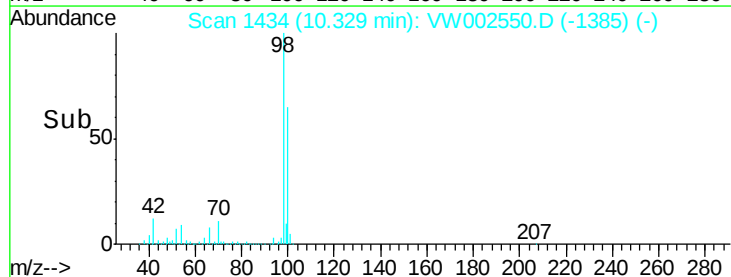
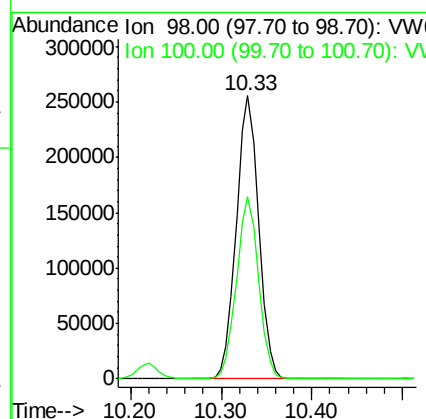
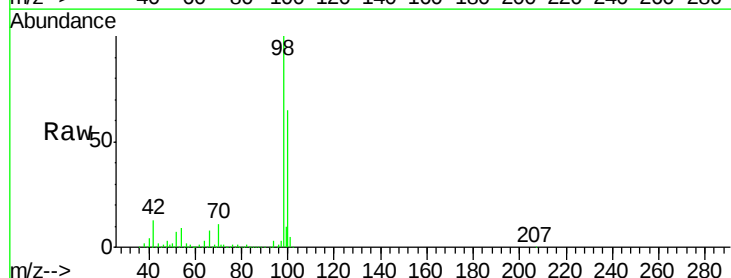
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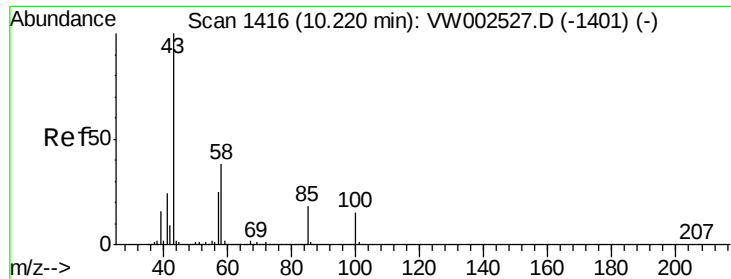
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#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 94.80 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 43 Resp: 151405

Ion Ratio Lower Upper

43 100

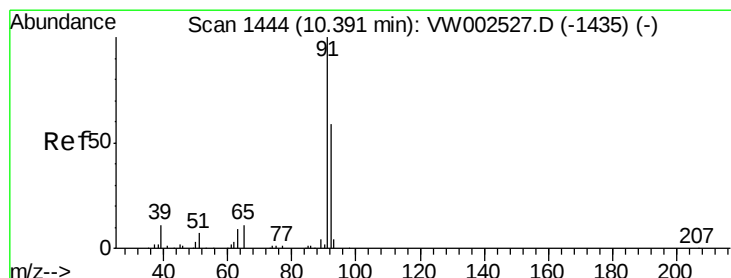
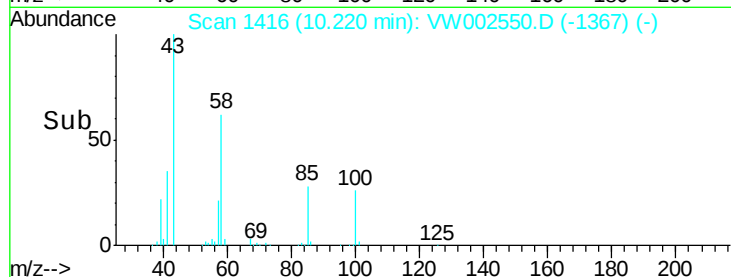
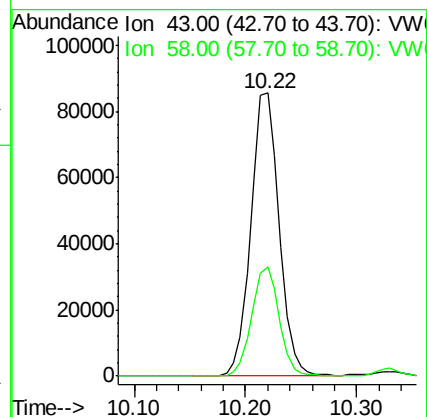
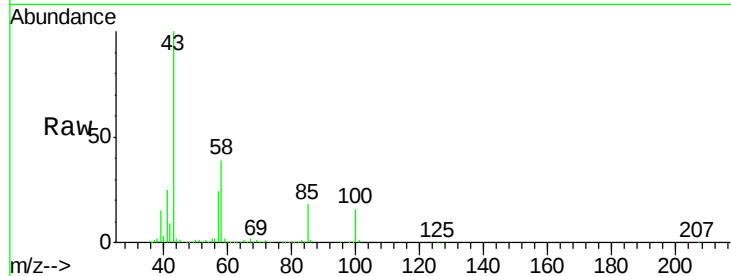
58 37.6 30.1 45.1

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#52

Toluene

Concen: 20.80 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002550.D

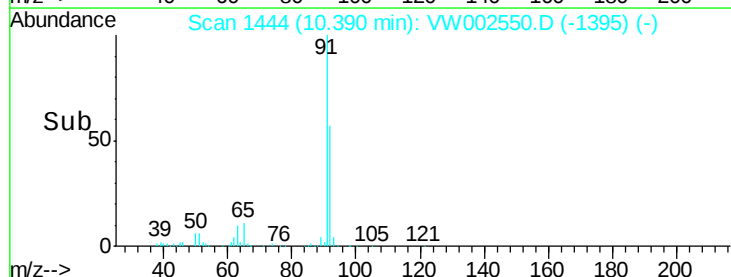
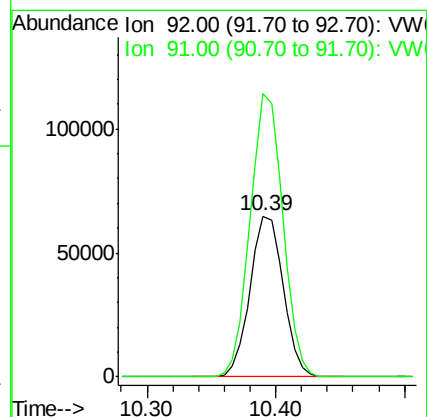
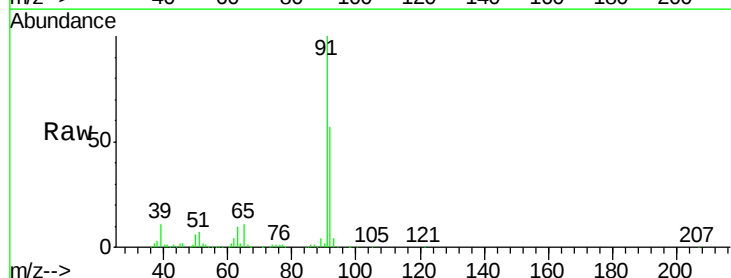
Acq: 15 May 2018 13:53

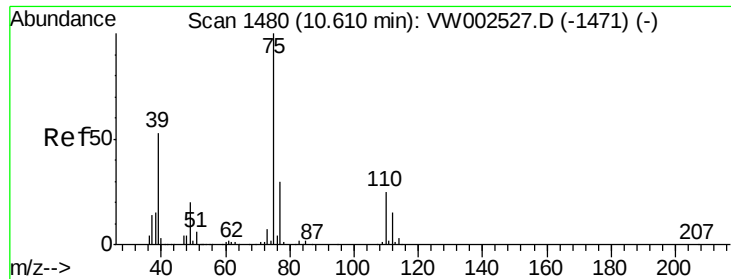
Tgt Ion: 92 Resp: 115136

Ion Ratio Lower Upper

92 100

91 174.1 139.1 208.7





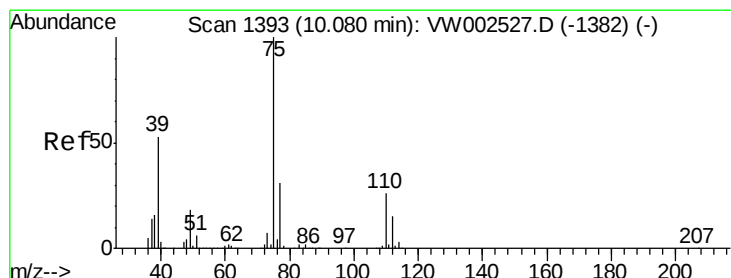
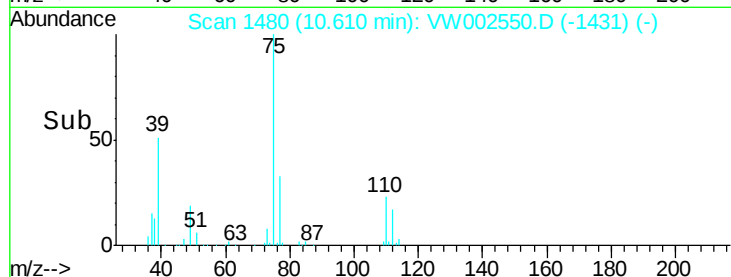
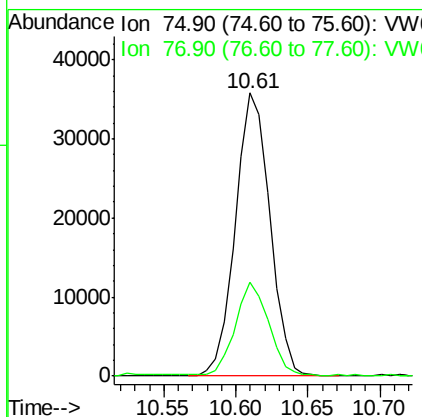
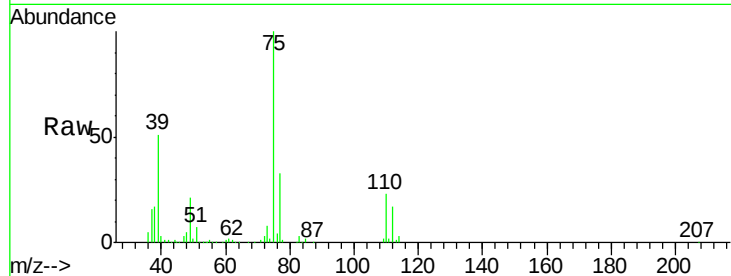
#53
t-1,3-Dichloropropene
Concen: 19.91 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.1	36.1

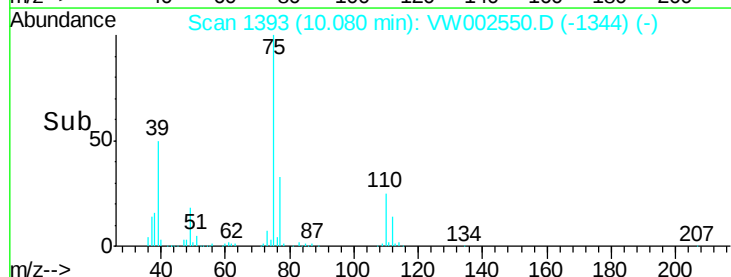
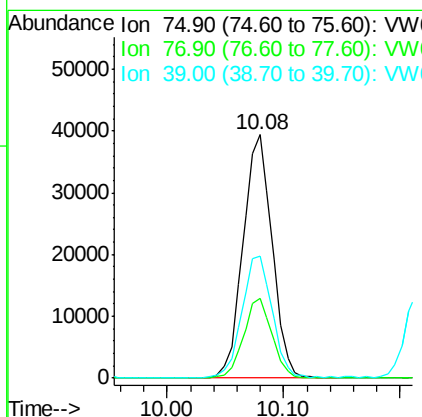
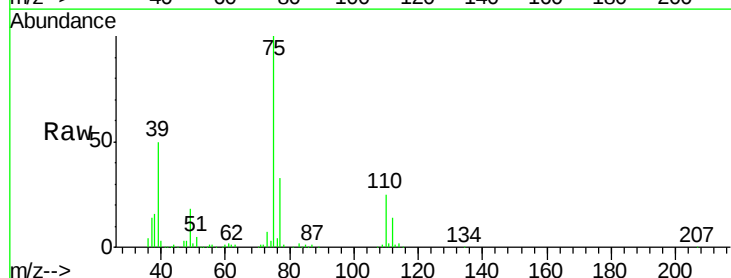
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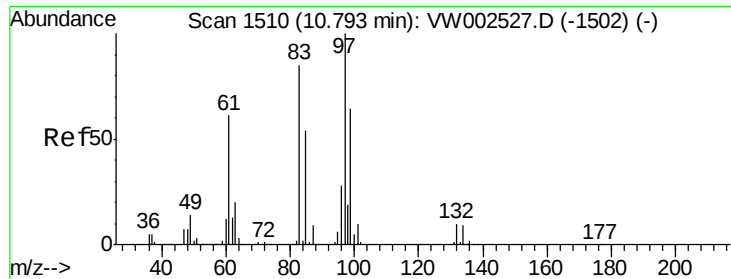
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#54
cis-1,3-Dichloropropene
Concen: 20.62 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.4
39	49.7	42.5	63.7





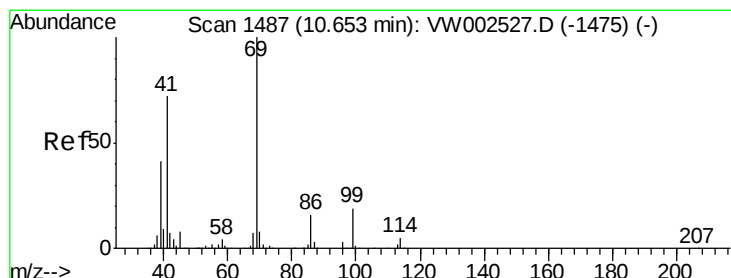
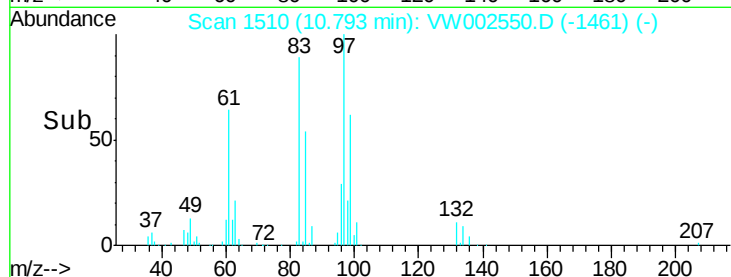
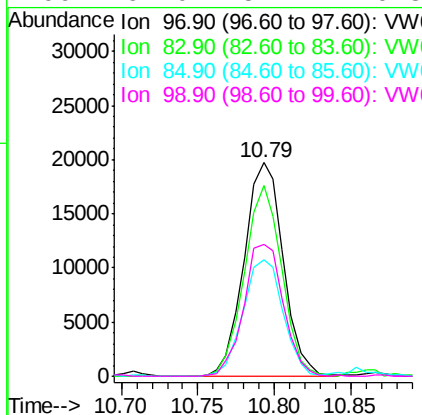
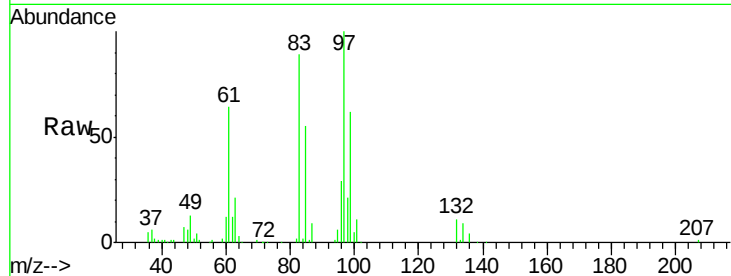
#55
 1,1,2-Trichloroethane
 Concen: 19.66 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion:	97	Resp:	35173
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.1	102.1
85	54.7	43.6	65.4
99	62.0	51.2	76.8

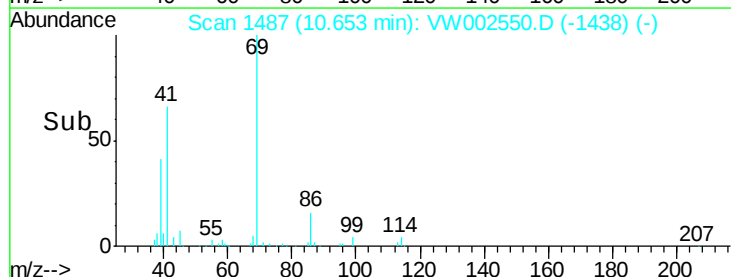
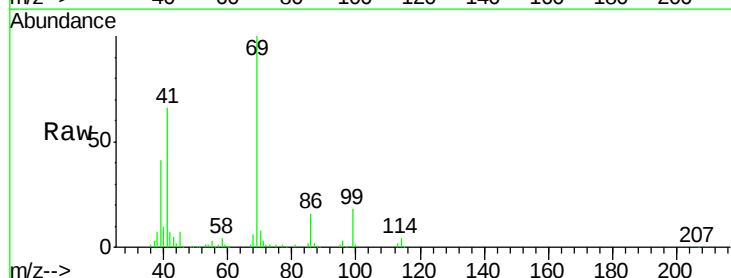
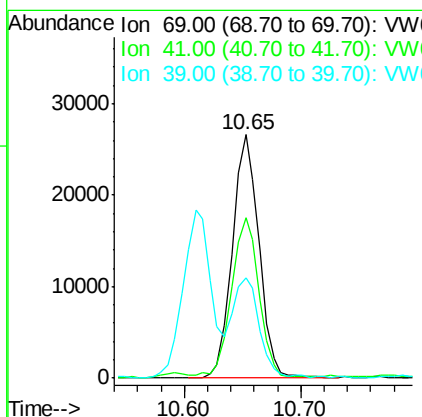
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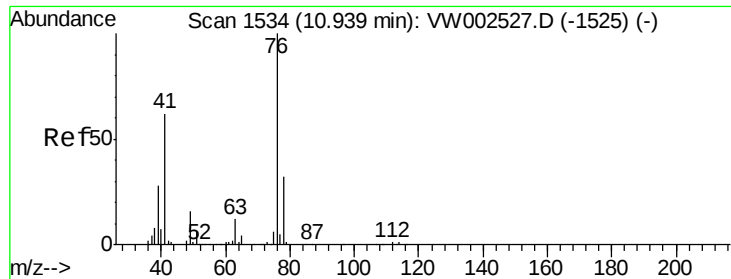
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#56
 Ethyl methacrylate
 Concen: 19.48 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion:	69	Resp:	42468
Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.3	82.9
39	40.3	33.0	49.6





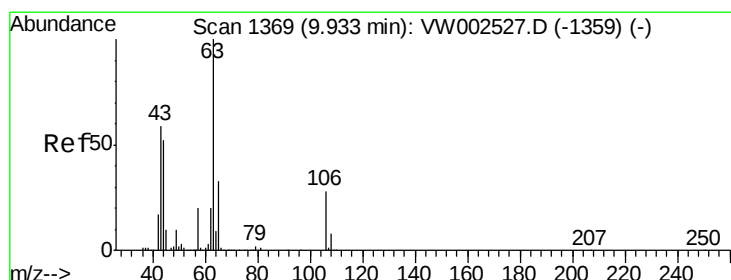
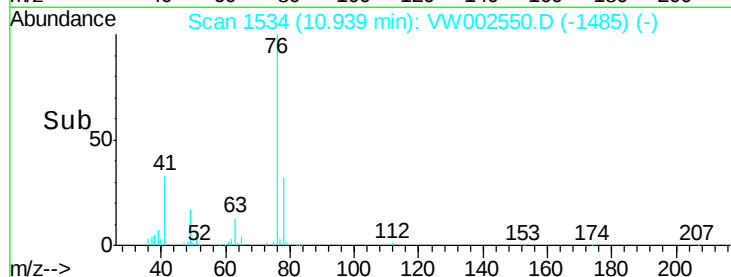
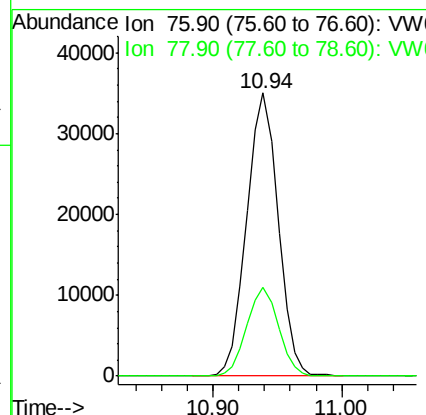
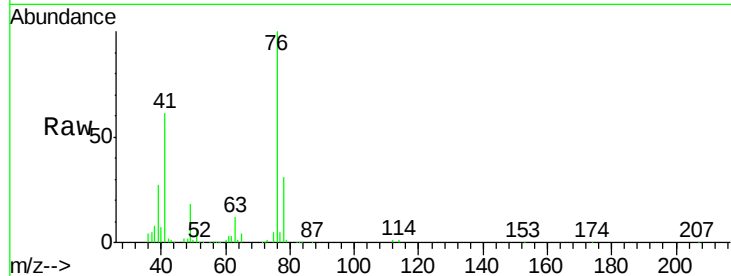
#57
 1,3-Dichloropropane
 Concen: 19.92 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion: 76 Resp: 59090
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4

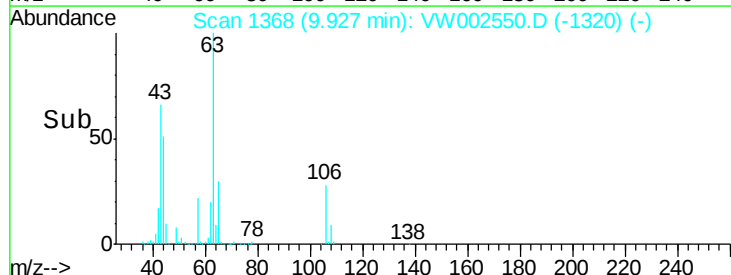
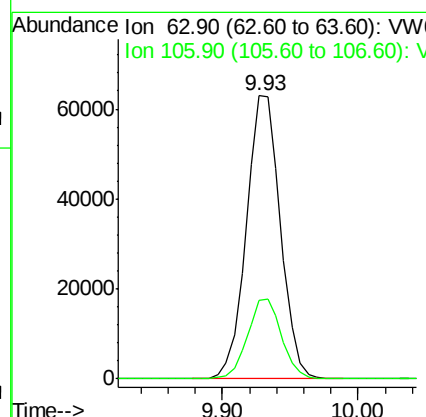
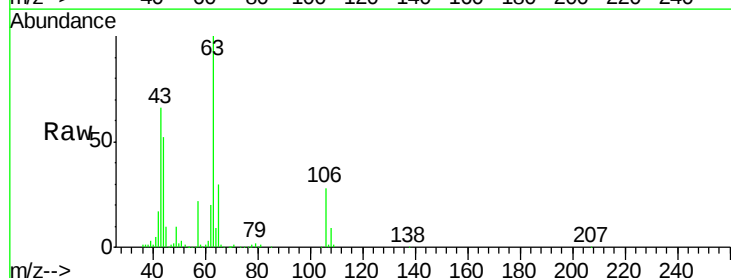
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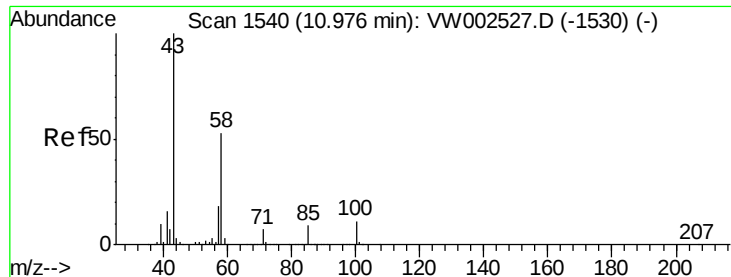
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.83 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion: 63 Resp: 110034
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.9 34.3





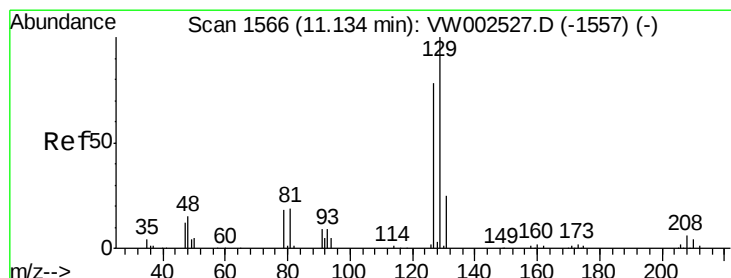
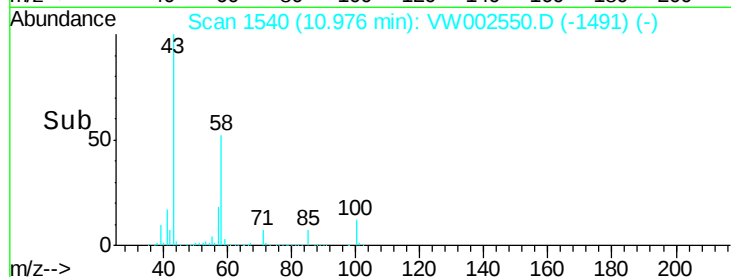
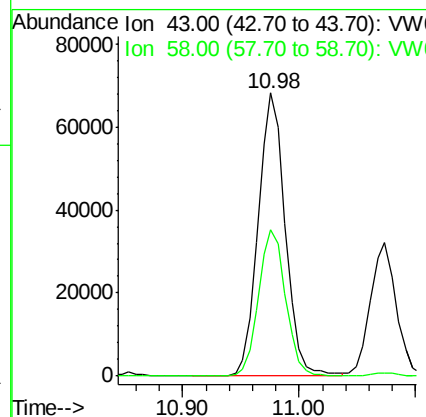
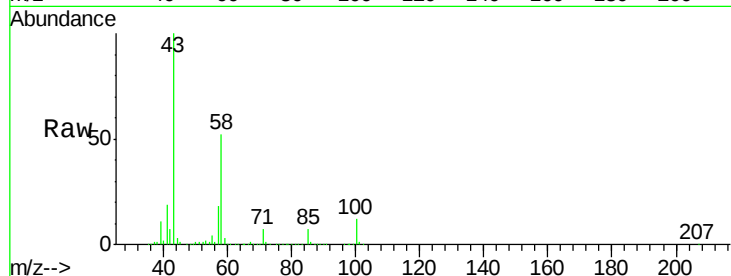
#59
2-Hexanone
Concen: 100.58 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	43	Resp	110897
Ion Ratio	43	100	
Lower	58	51.8	26.3
Upper			78.8

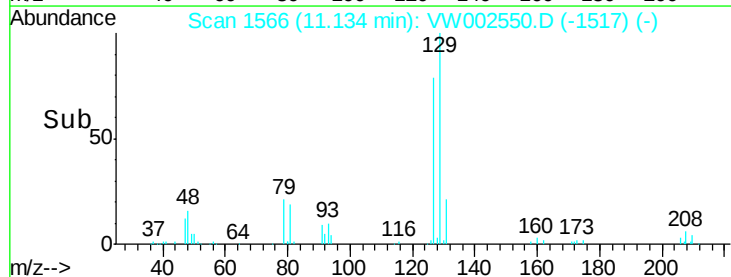
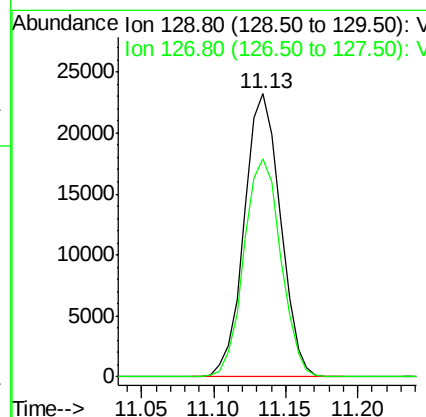
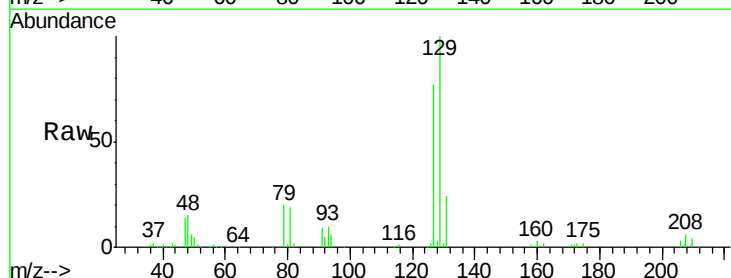
Manual Integrations
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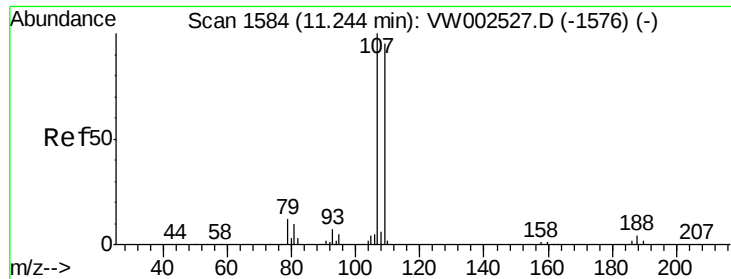
apatel
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#60
Dibromochloromethane
Concen: 19.18 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	129	Resp	40471
Ion Ratio	129	100	
Lower	127	78.3	38.6
Upper			115.7





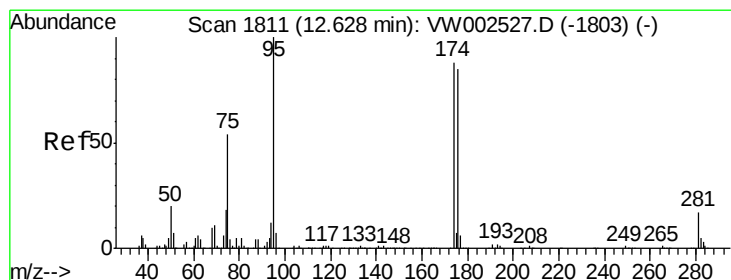
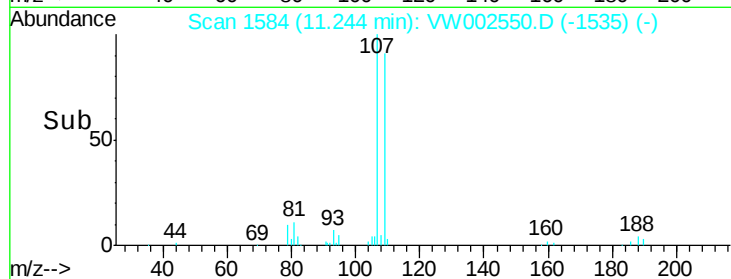
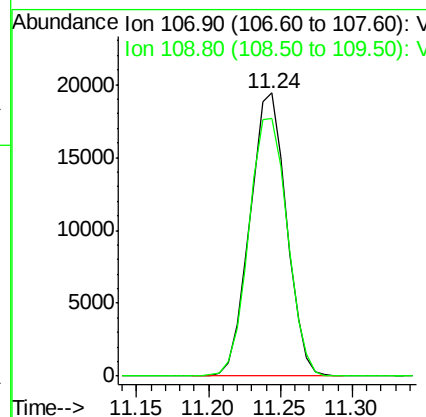
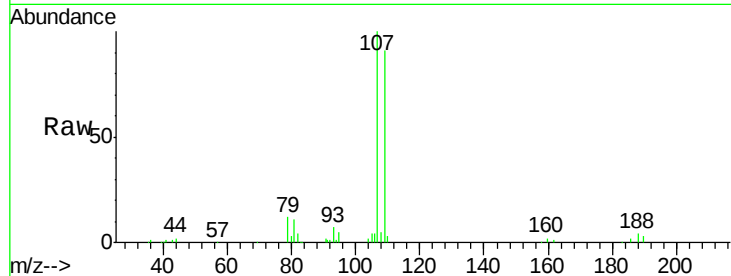
#61
 1,2-Dibromoethane
 Concen: 19.73 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion: 107 Resp: 34052
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.4 113.2

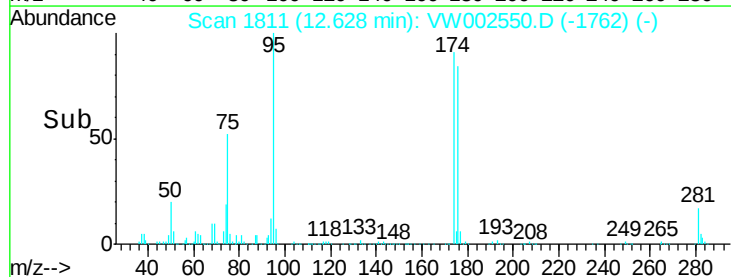
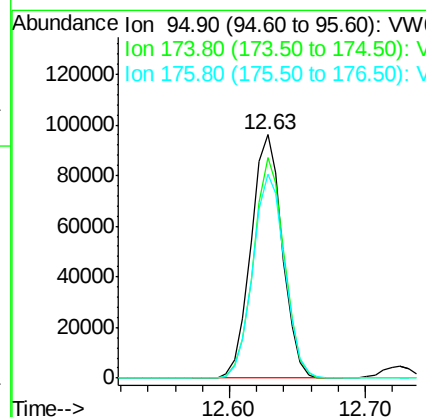
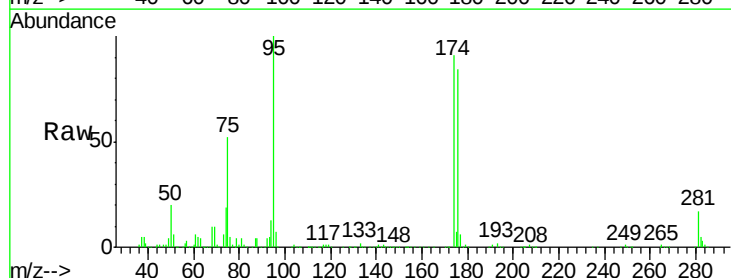
Manual Integrations
 APPROVED

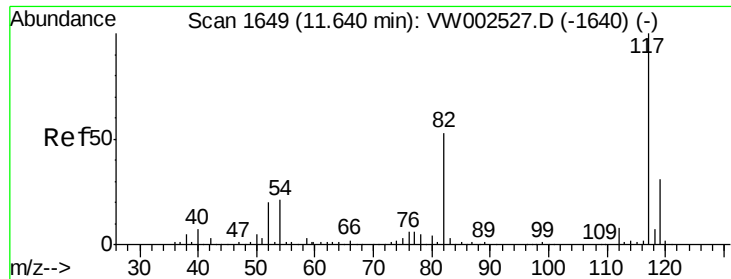
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.78 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion: 95 Resp: 154876
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 176.6
 176 85.2 0.0 172.2





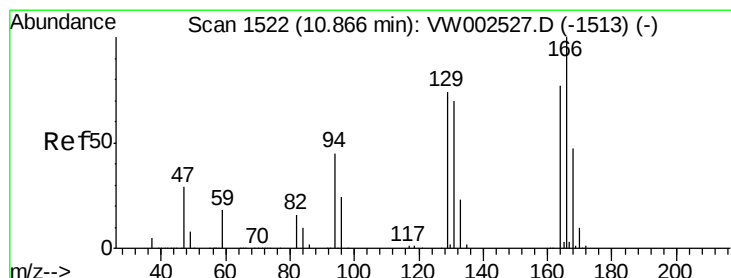
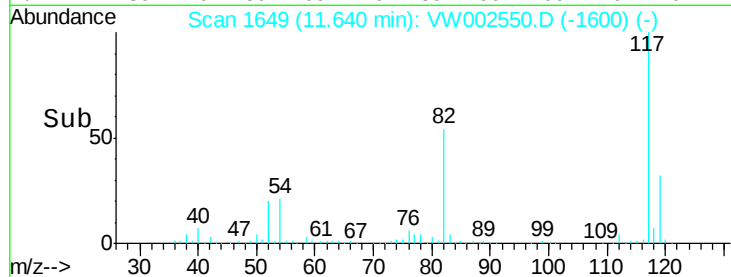
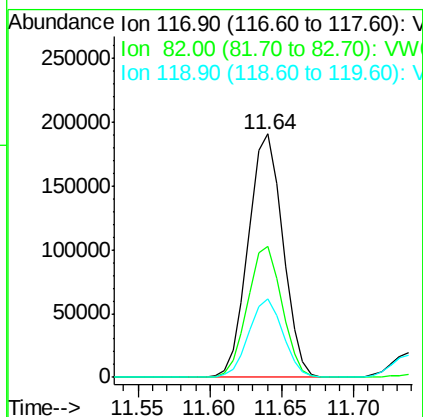
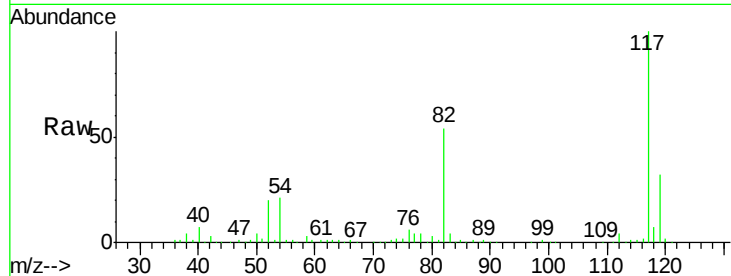
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	64.0
119	32.2	25.0	37.6

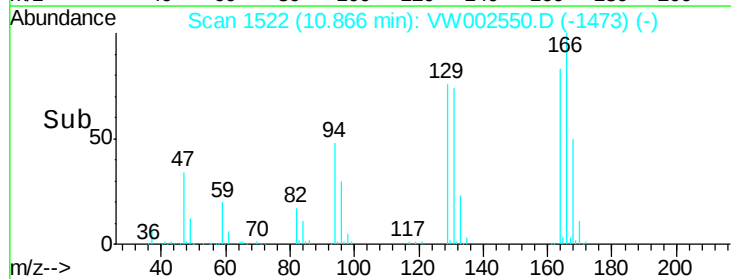
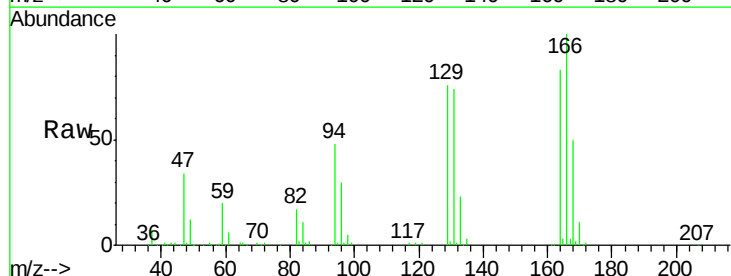
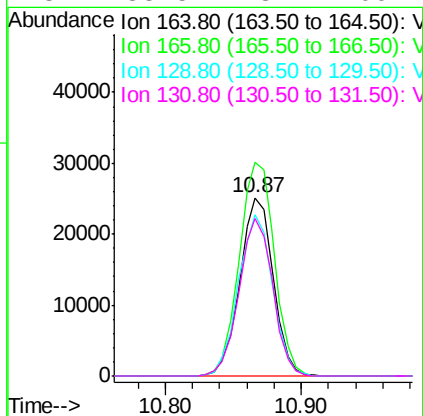
Manual Integrations
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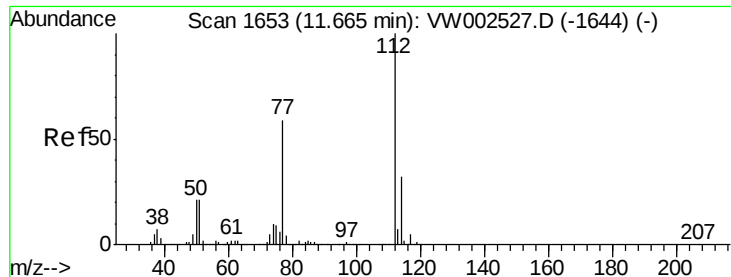
apatel
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#64
Tetrachloroethene
Concen: 19.26 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.9	104.2	156.2
129	90.7	77.0	115.4
131	88.5	73.1	109.7





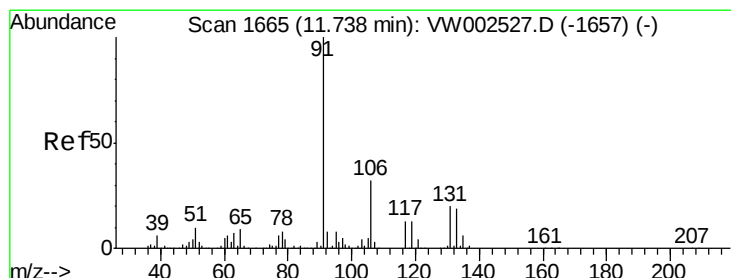
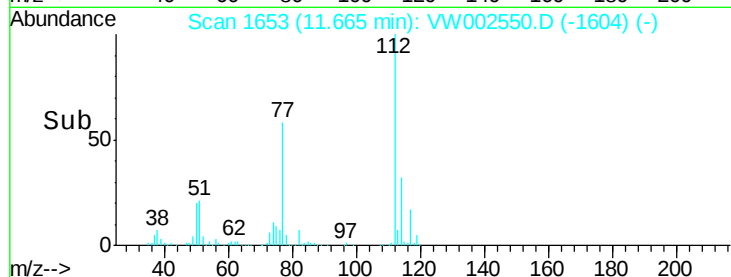
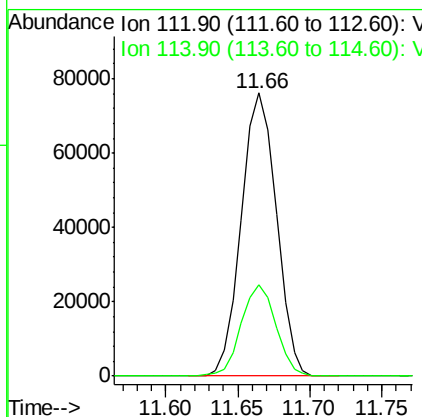
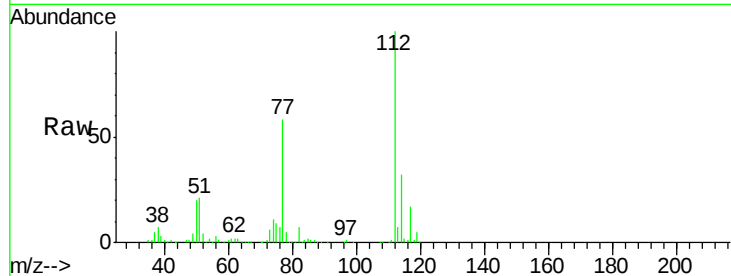
#65
Chlorobenzene
Concen: 20.44 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

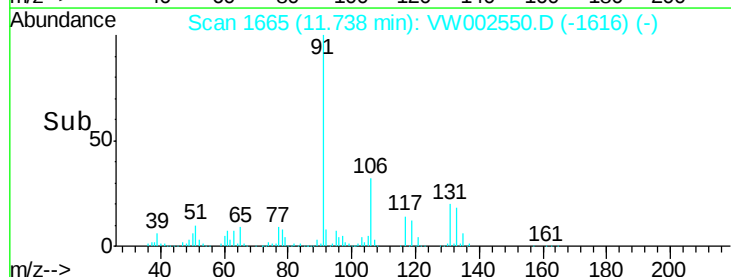
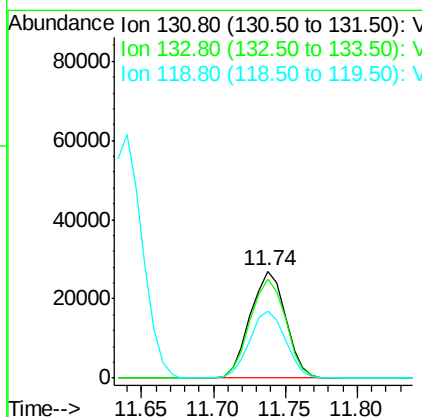
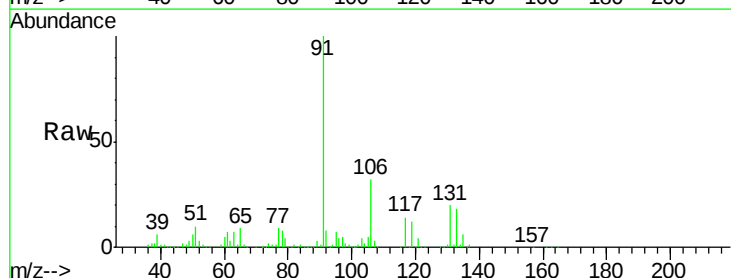
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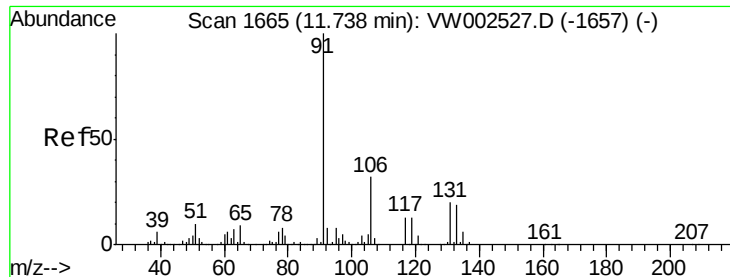
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.44 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.2	48.4	145.3
119	63.1	32.2	96.6





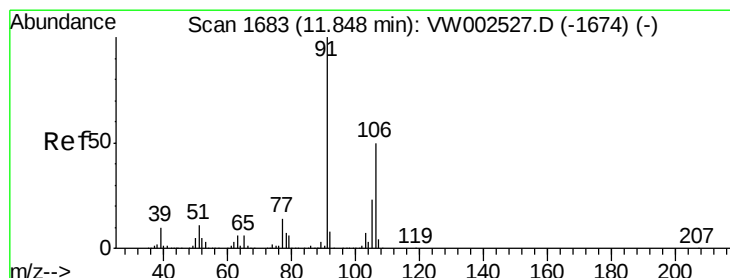
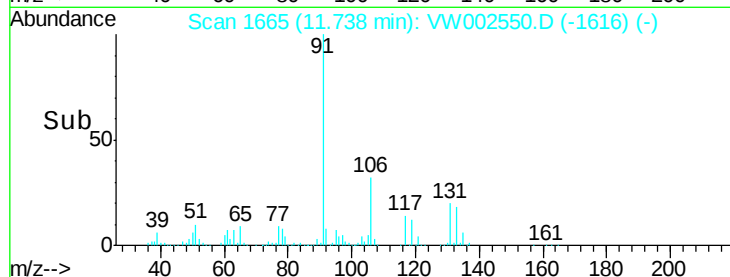
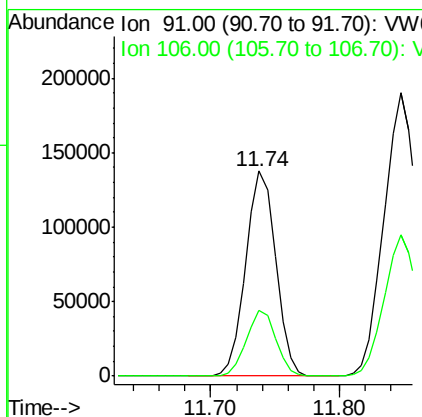
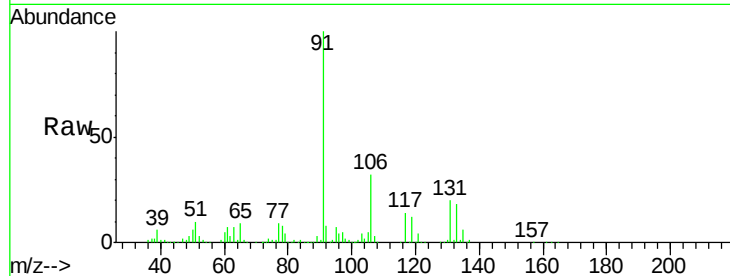
#67
Ethyl Benzene
Concen: 20.65 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD02

Tot Ion: 91 Resp: 221392
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.0

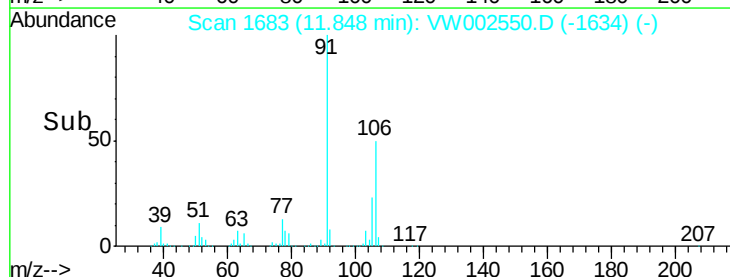
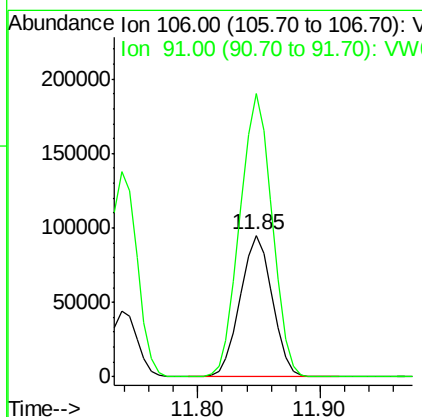
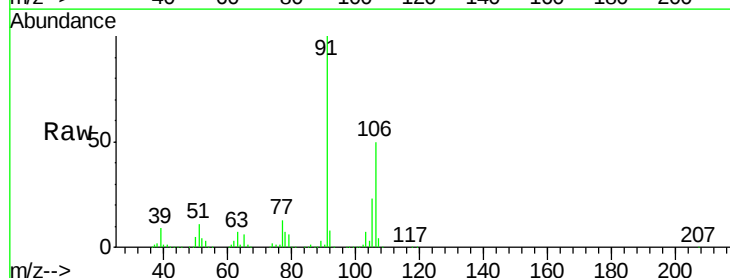
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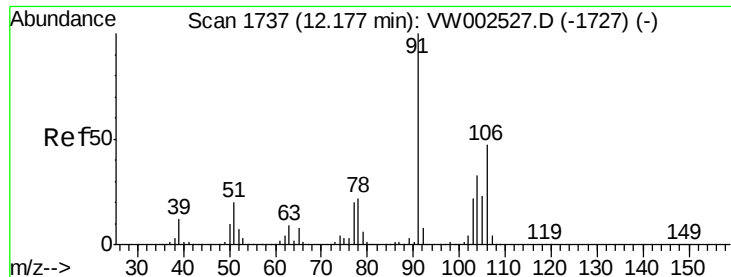
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#68
m/p-Xylenes
Concen: 41.45 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion: 106 Resp: 172811
Ion Ratio Lower Upper
106 100
91 201.4 161.4 242.2





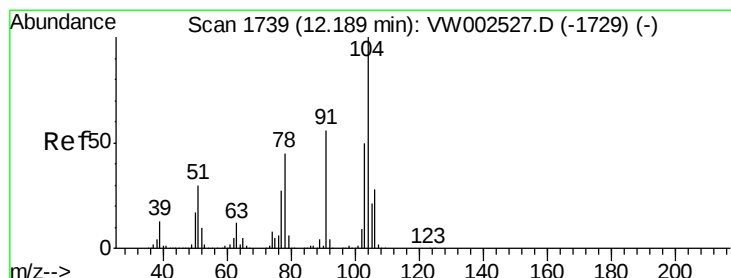
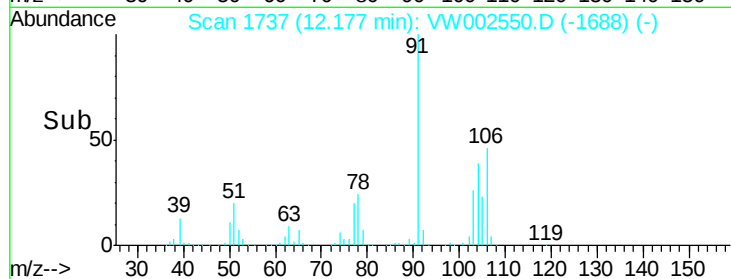
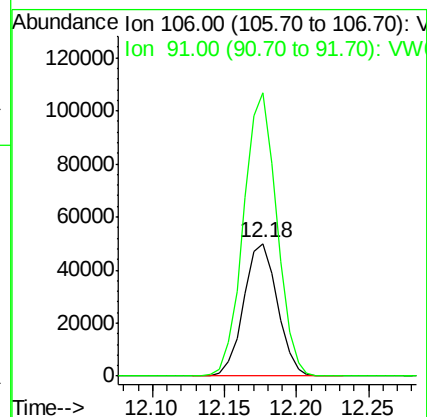
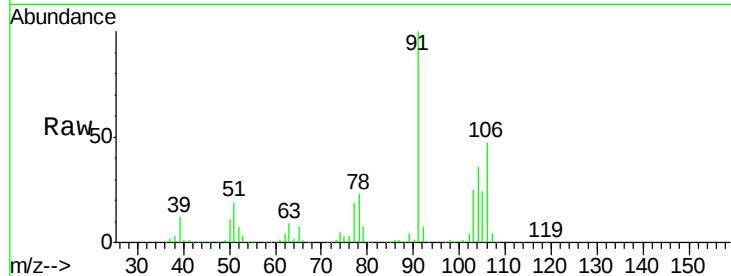
#69
o-Xylene
Concen: 20.41 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.6	106.7	320.2	

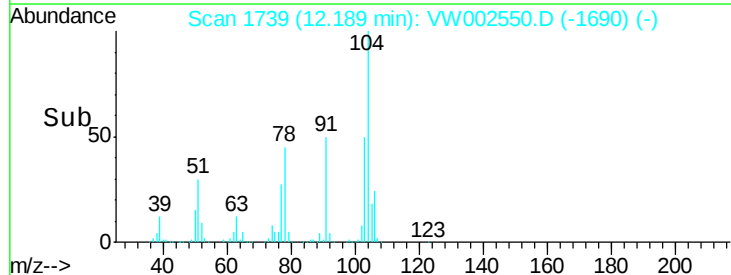
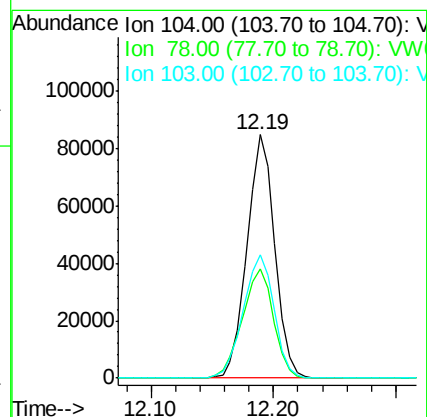
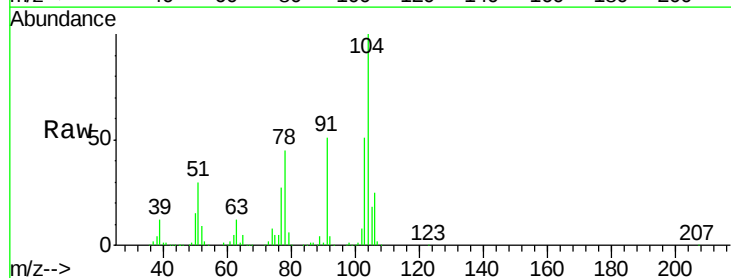
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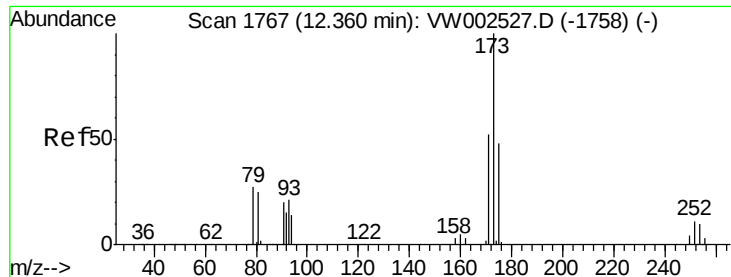
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#70
Styrene
Concen: 20.29 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.5	40.1	60.1	
103	56.3	44.6	66.8	





#71

Bromoform

Concen: 19.41 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

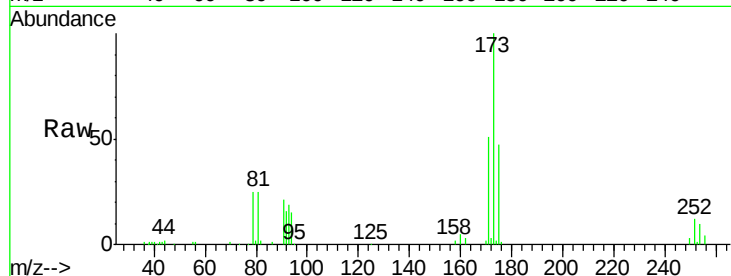
ClientSampleId :

VW0515SBSD02

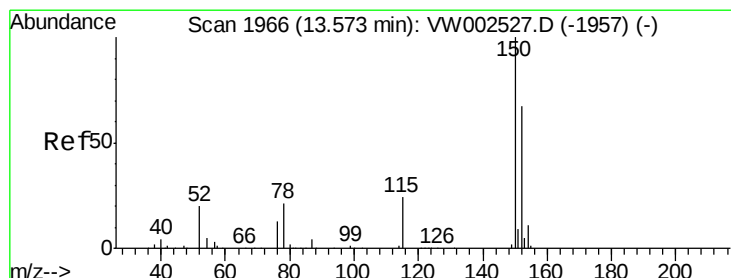
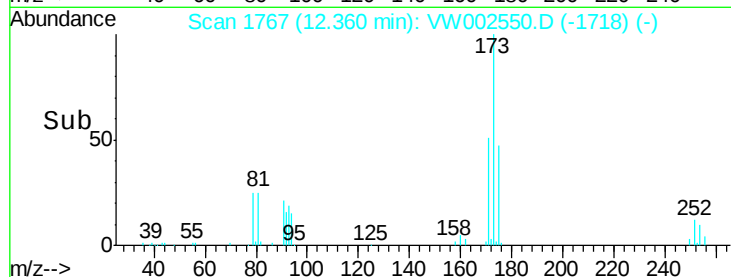
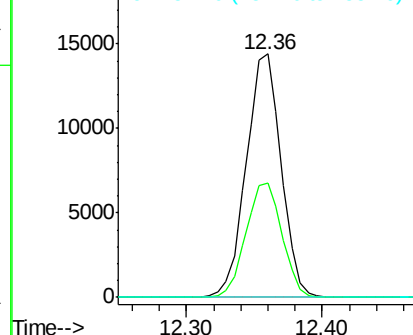
Tot Ion:	173	Resp:	25758
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.5	73.5
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

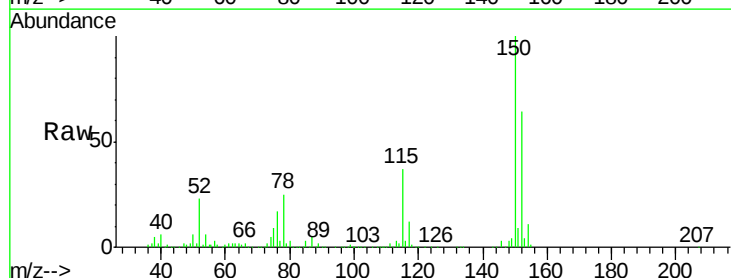
RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

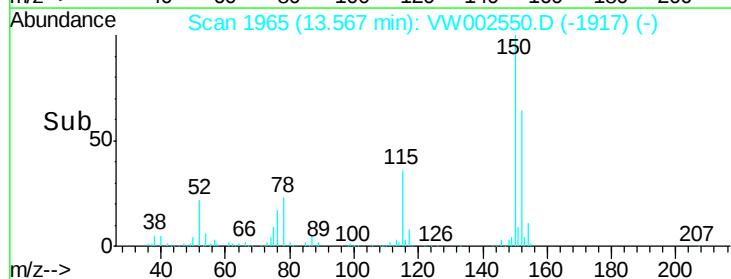
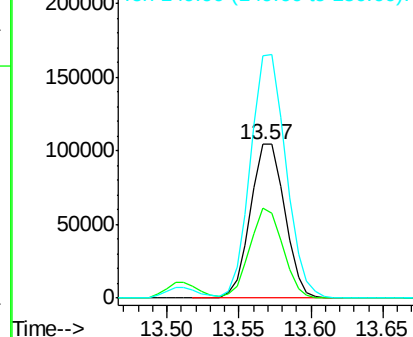
Lab File: VW002550.D

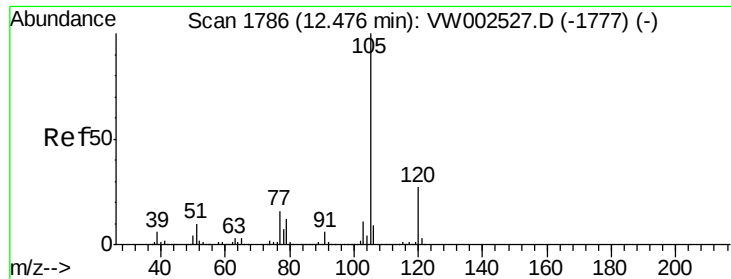
Acq: 15 May 2018 13:53

Tgt Ion:	152	Resp:	172105
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.0	84.0
150	163.7	0.0	345.4



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





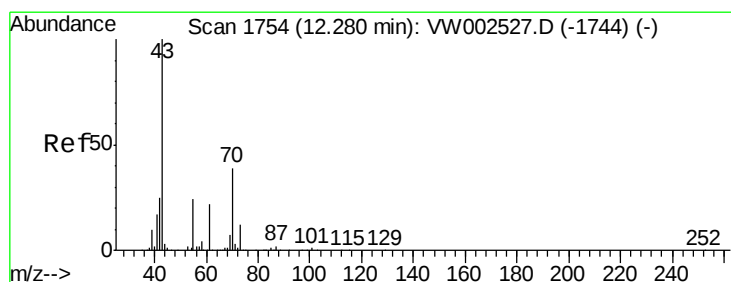
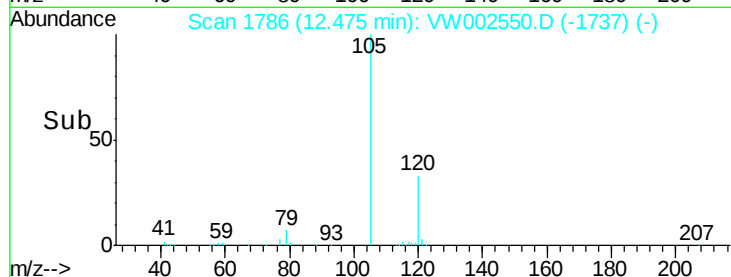
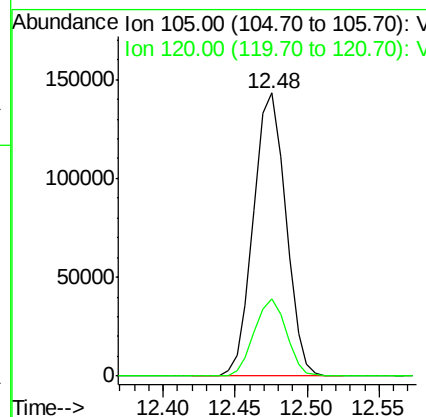
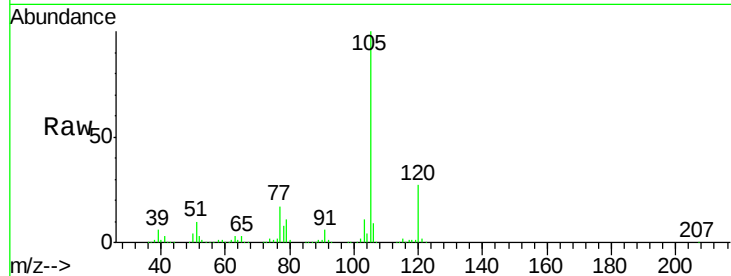
#73
Isopropylbenzene
Concen: 21.02 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.4	40.2

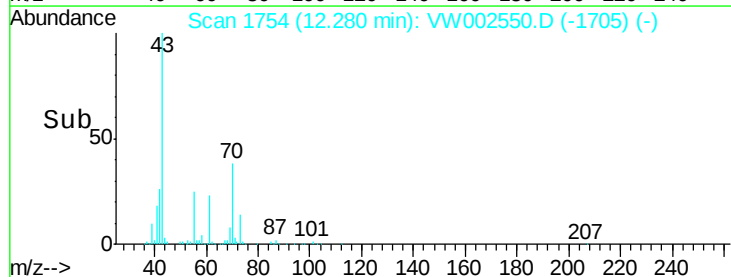
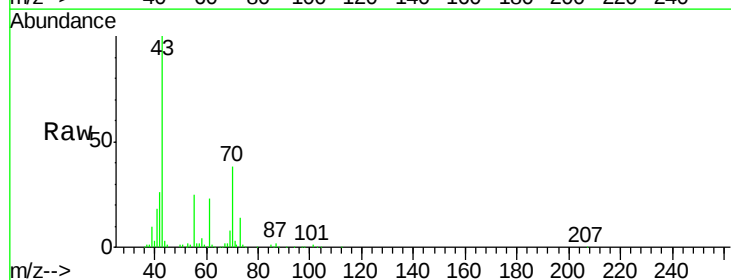
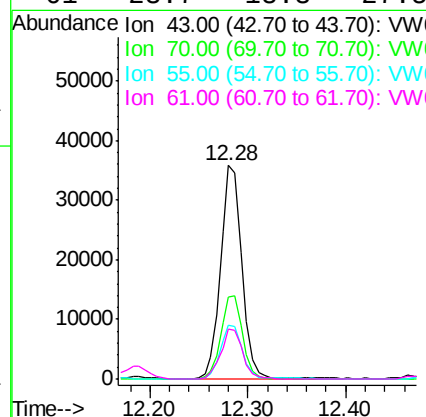
Manual Integrations
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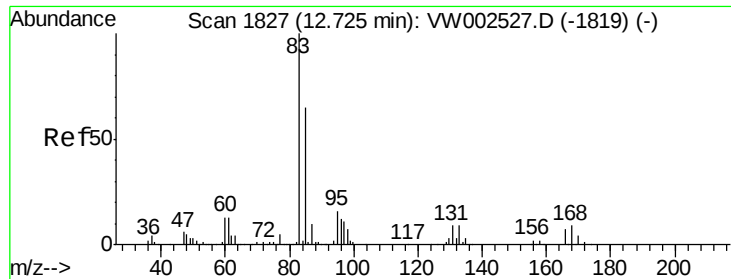
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#74
N-ethyl acetate
Concen: 20.14 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.9	47.9
55	26.2	19.4	29.0
61	23.7	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.51 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

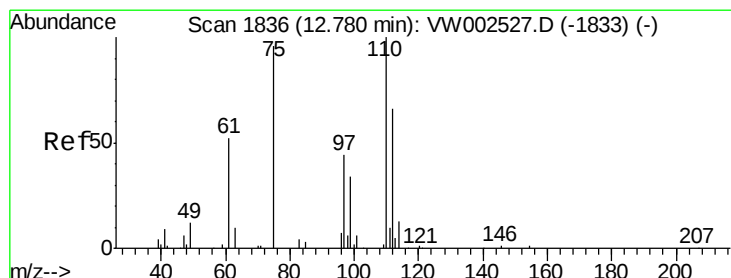
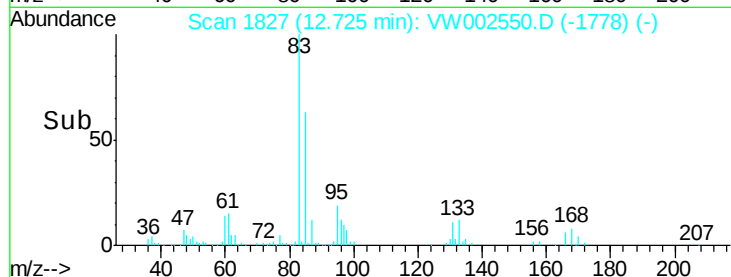
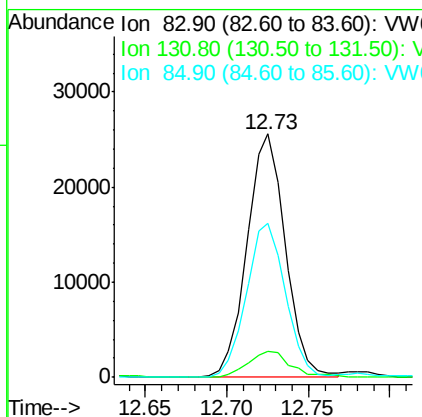
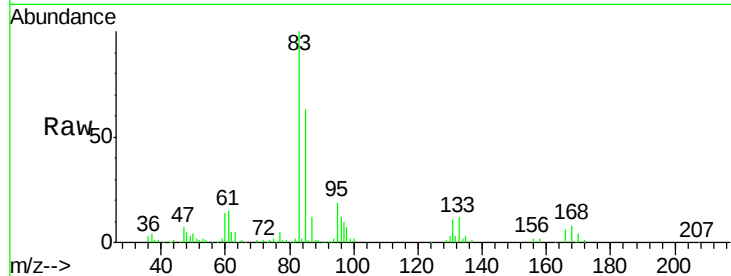
ClientSampleId :

VW0515SBS02

Tot Ion:	83	Resp:	41938
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.4	16.2
85	64.5	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 19.78 ug/l m

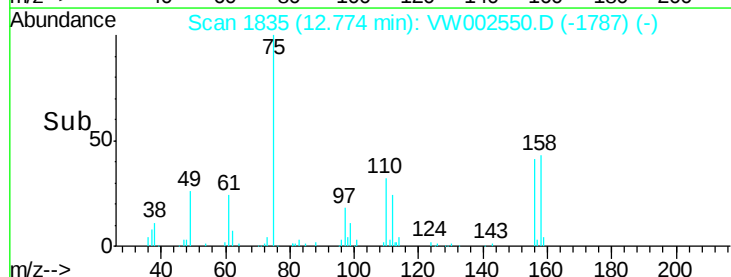
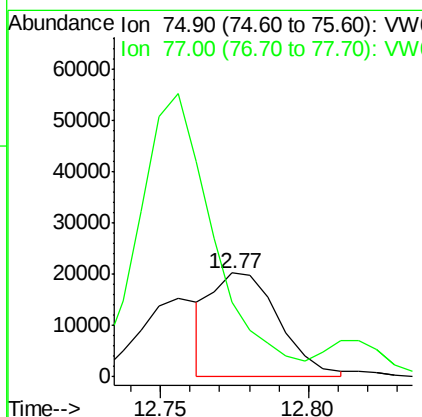
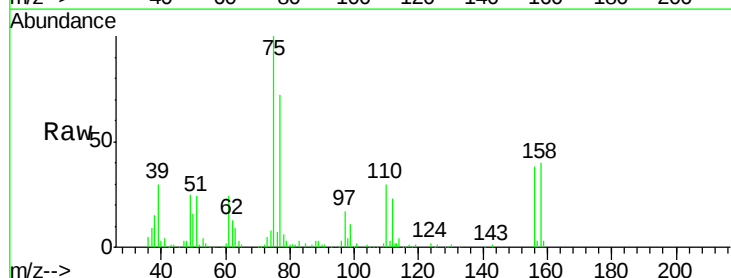
RT: 12.77 min Scan# 1835

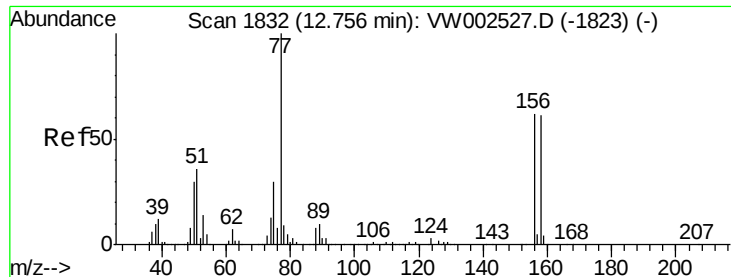
Delta R.T. -0.01 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Tgt Ion:	75	Resp:	32175
Ion Ratio	Lower	Upper	
75	100		
77	304.1	0.0	0.0#





#77

Bromobenzene

Concen: 20.67 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

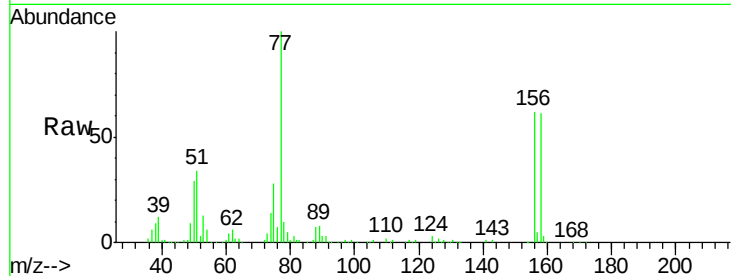
ClientSampleId :

VW0515SBS02

Tot Ion:	156	Resp:	55947
Ion Ratio	Lower	Upper	
156	100		
77	174.9	89.8	269.4
158	97.6	48.8	146.3

Manual Integrations
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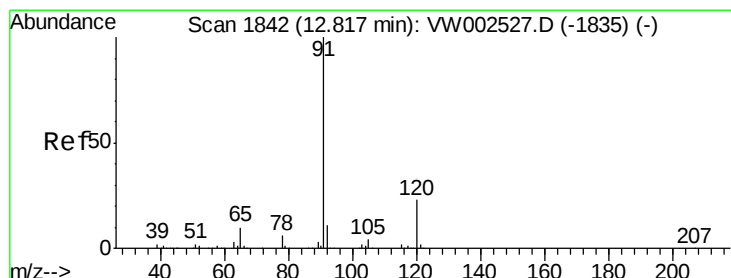
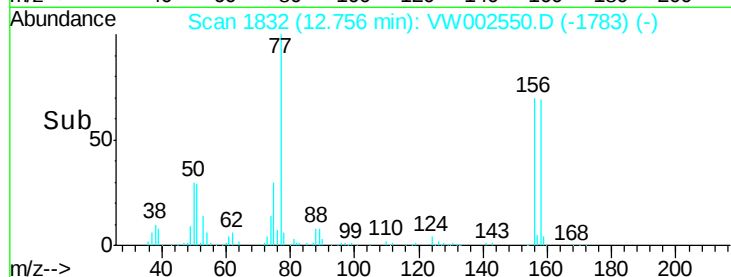
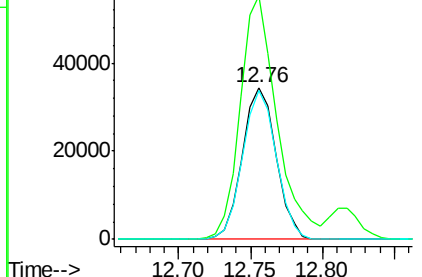
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.36 ug/l

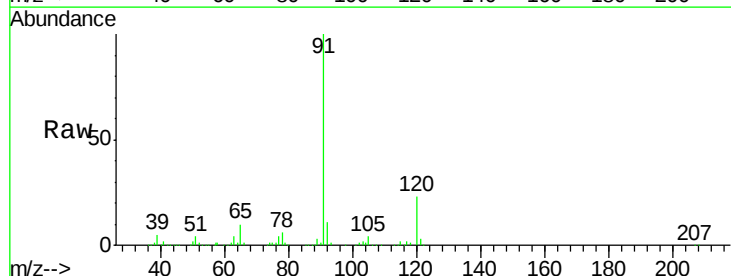
RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002550.D

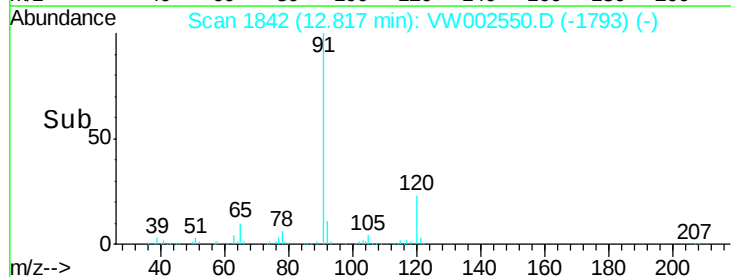
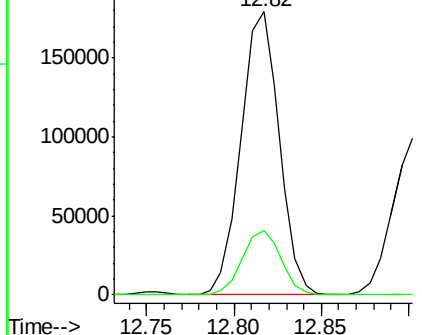
Acq: 15 May 2018 13:53

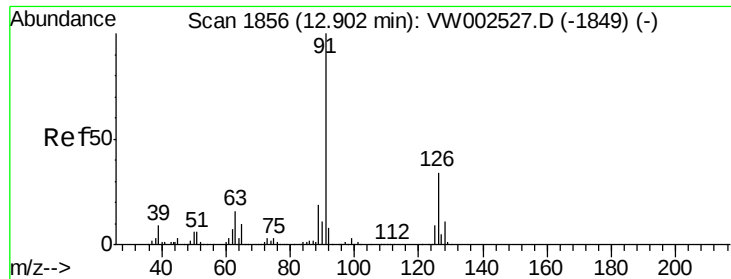
Tgt Ion:	91	Resp:	273650
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.08 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002550.D

Acq: 15 May 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD02

Tot Ion: 91 Resp: 153355

Ion Ratio Lower Upper

91 100

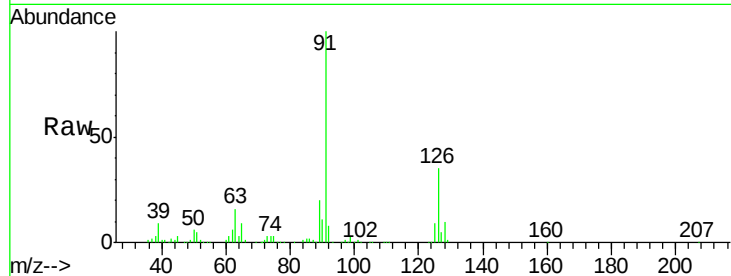
126 35.4 17.6 52.8

Manual Integrations

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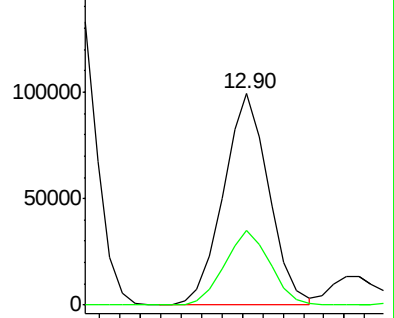
apatel

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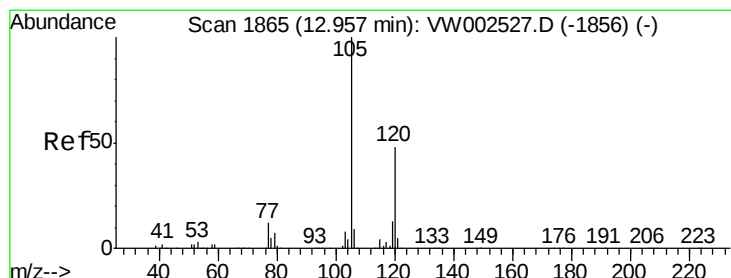
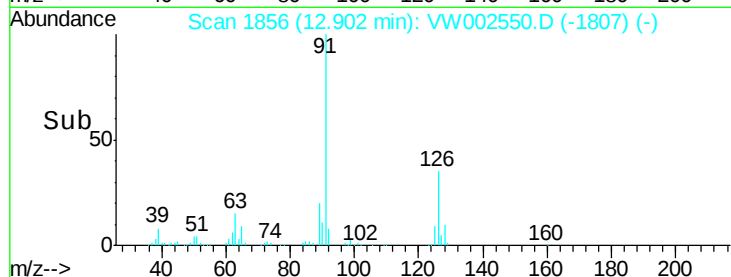


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.21 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002550.D

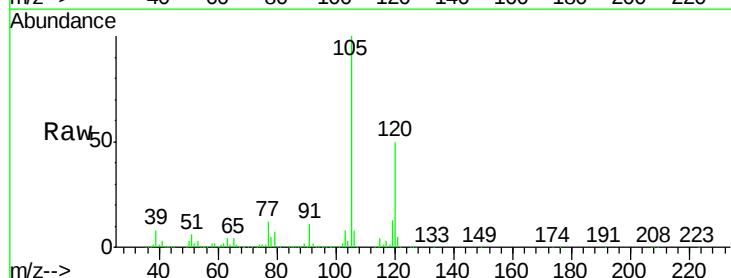
Acq: 15 May 2018 13:53

Tgt Ion:105 Resp: 192015

Ion Ratio Lower Upper

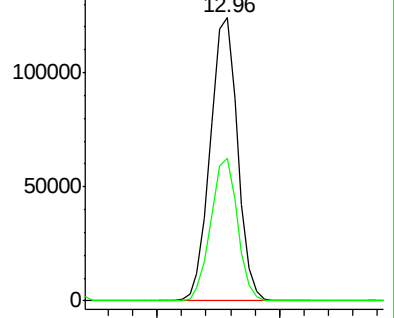
105 100

120 49.3 24.6 73.8

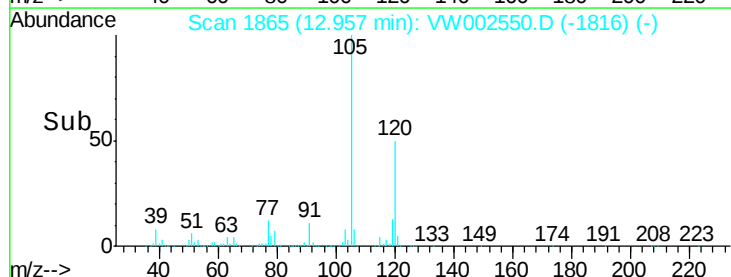


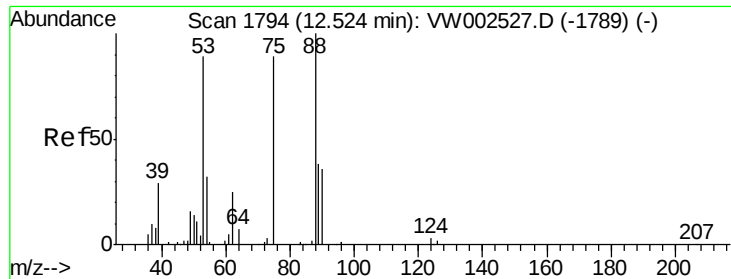
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





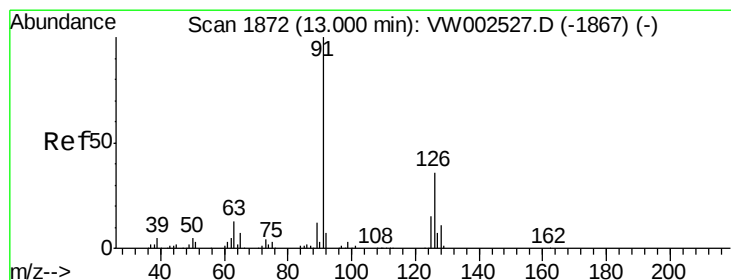
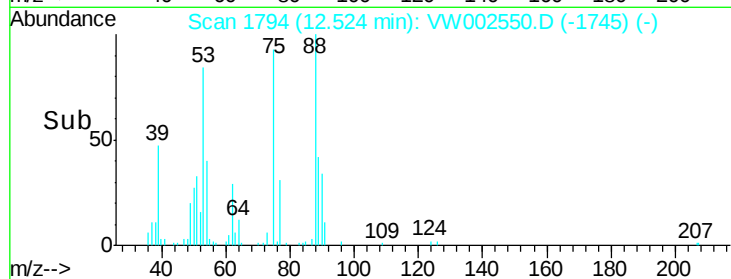
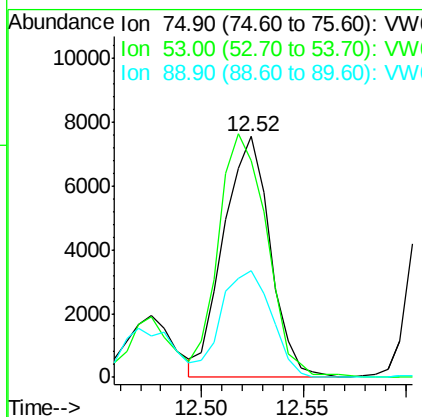
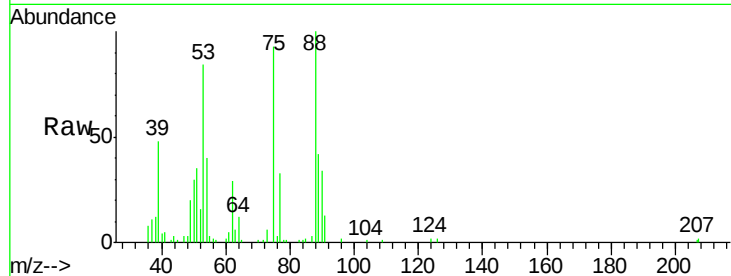
#81
trans-1,4-Dichloro-2-butene
Concen: 20.11 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.2	82.6	124.0
89	48.3	39.2	58.8

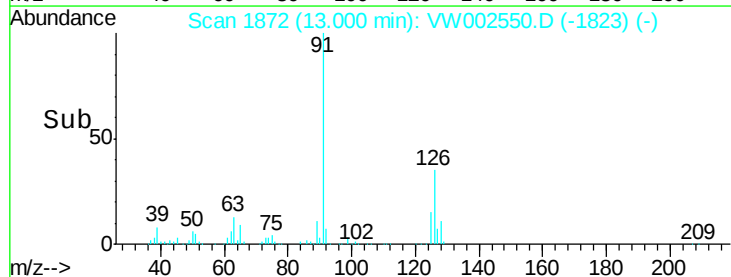
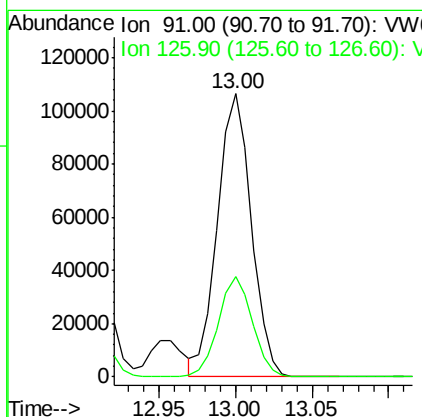
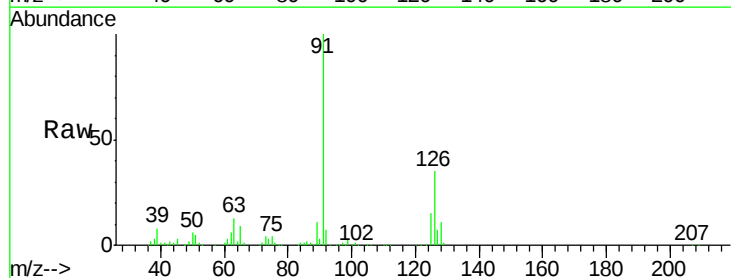
Manual Integrations
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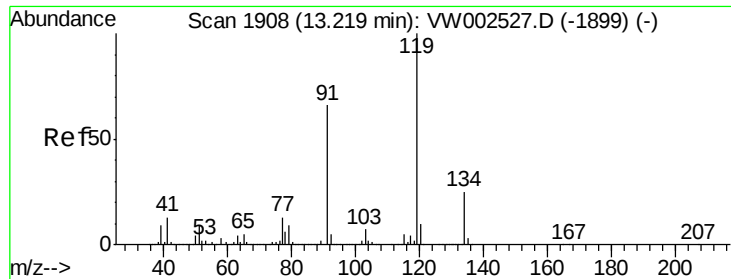
apatel
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#82
4-Chlorotoluene
Concen: 20.70 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.5





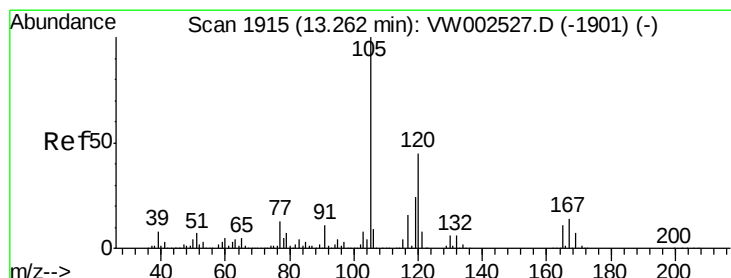
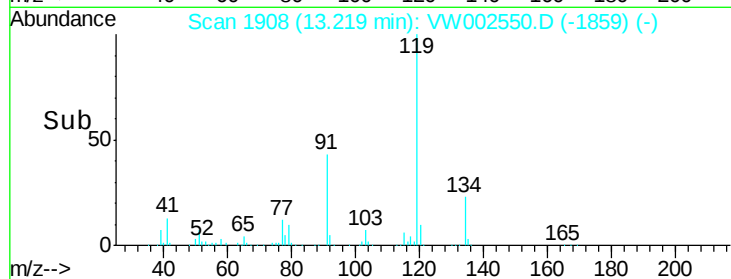
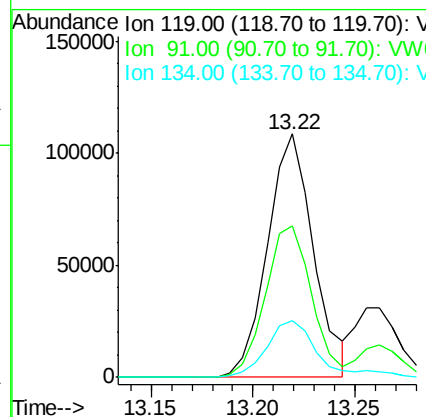
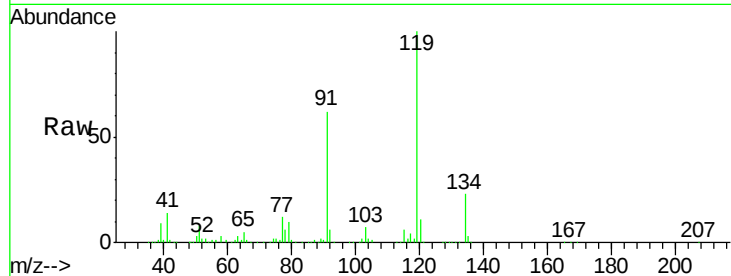
#83
tert-Butylbenzene
Concen: 21.84 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.5	97.5
134	26.3	13.2	39.6

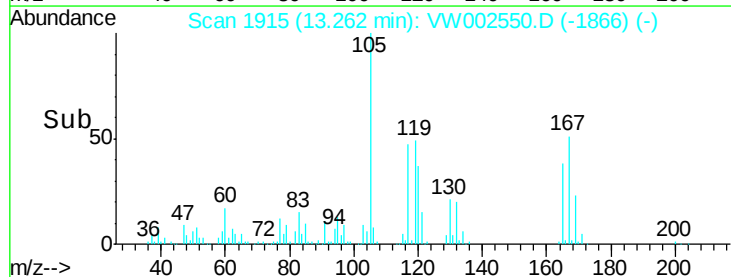
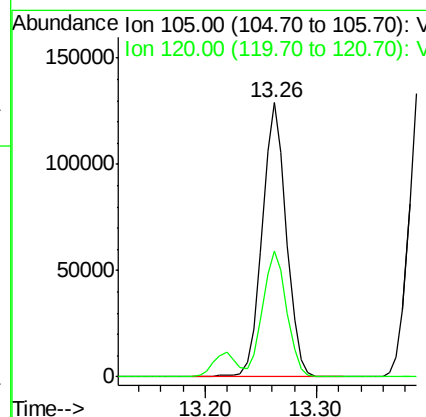
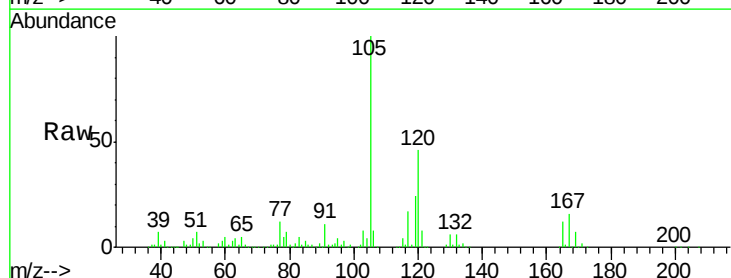
Manual Integrations
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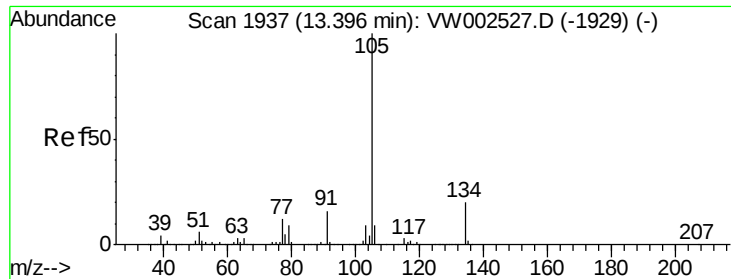
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.81 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9





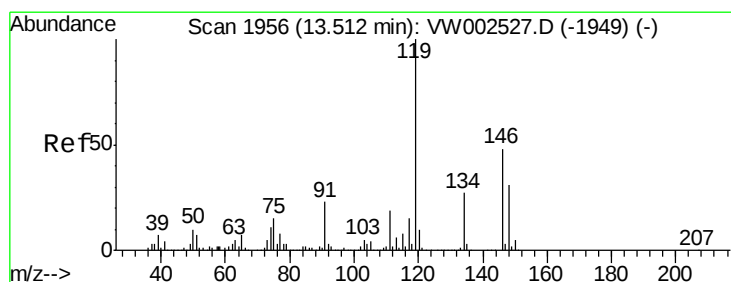
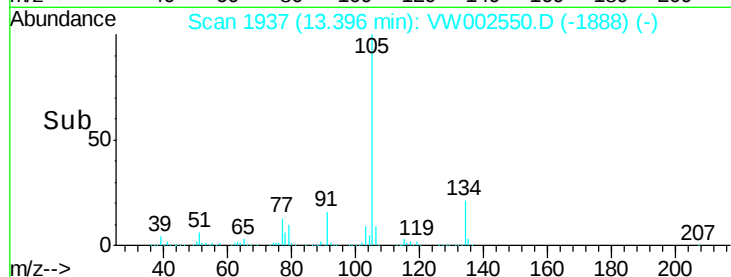
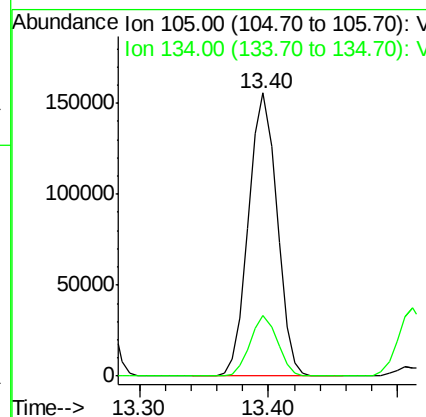
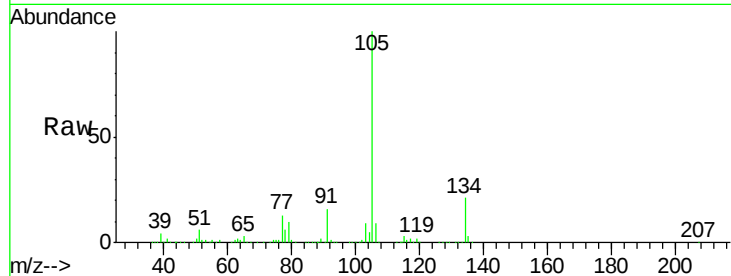
#85
 sec-Butylbenzene
 Concen: 21.19 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3

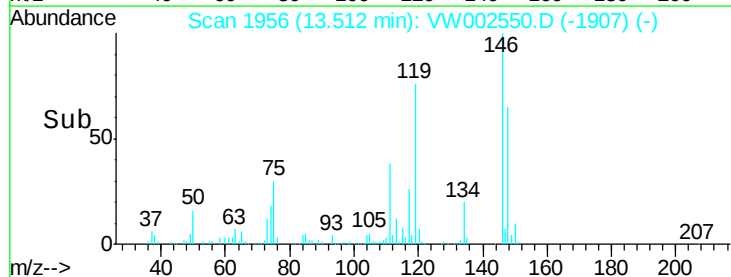
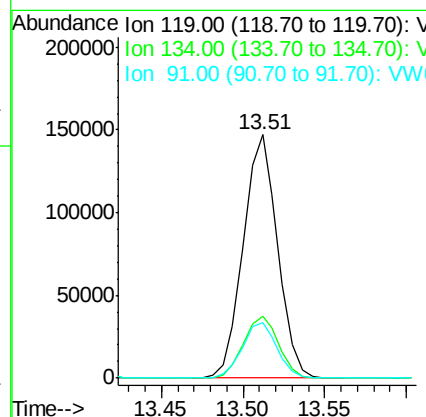
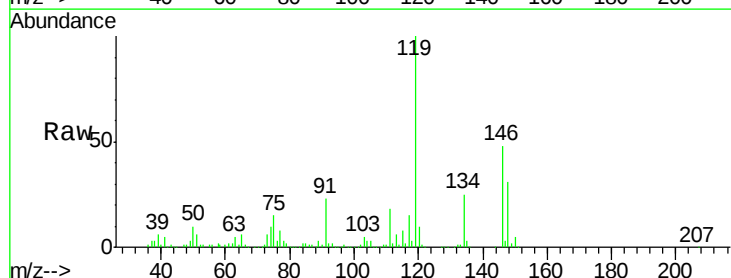
Manual Integrations
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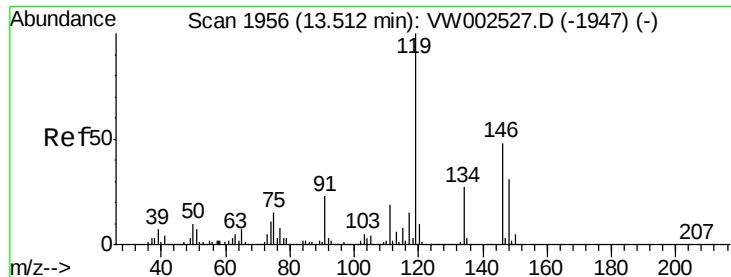
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.33 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.4	40.1
91	23.3	11.6	34.8





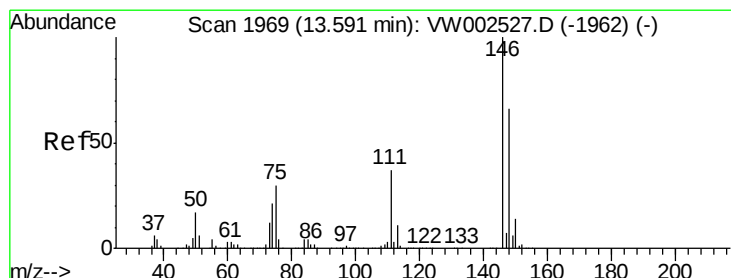
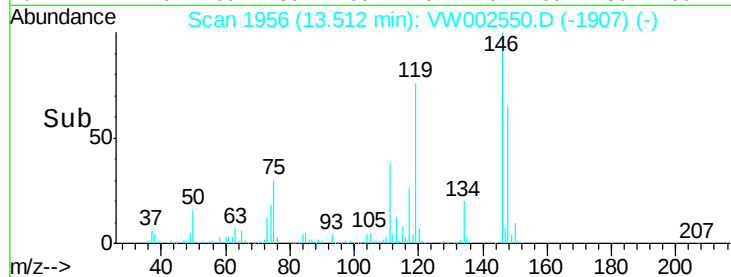
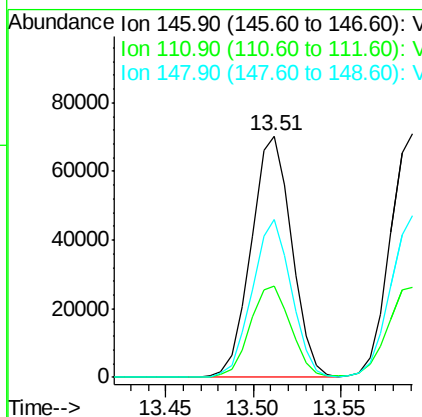
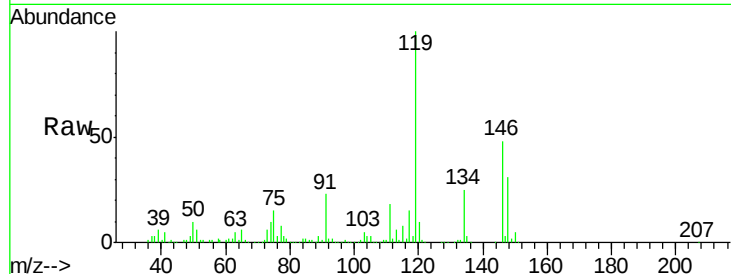
#87
 1,3-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113021		
111	38.1	19.6	58.7	
148	63.5	32.3	96.8	

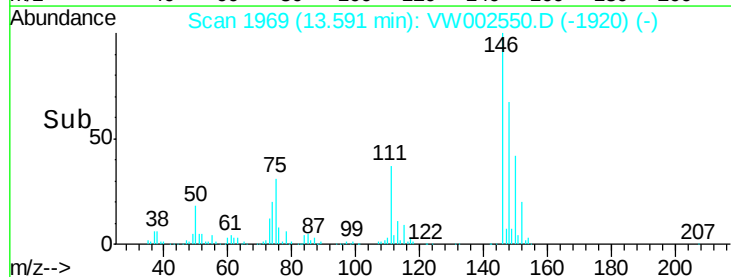
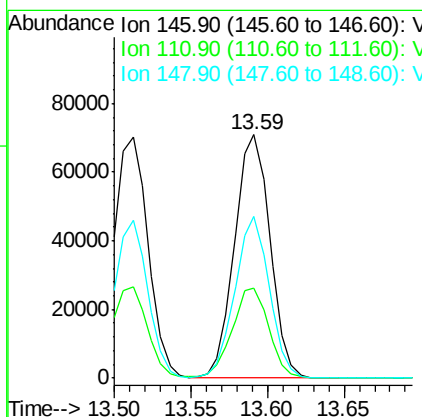
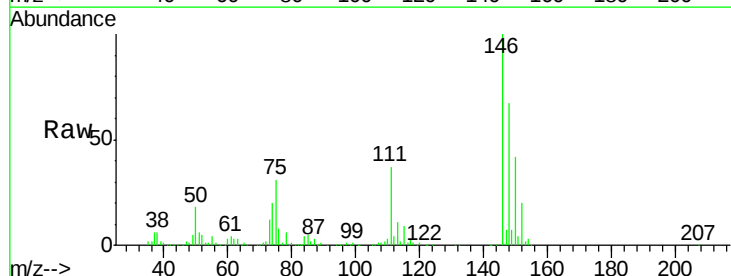
Manual Integrations
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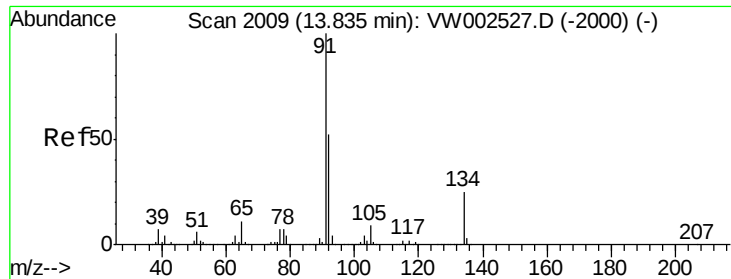
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114225		
111	38.2	18.9	56.5	
148	64.5	32.4	97.0	





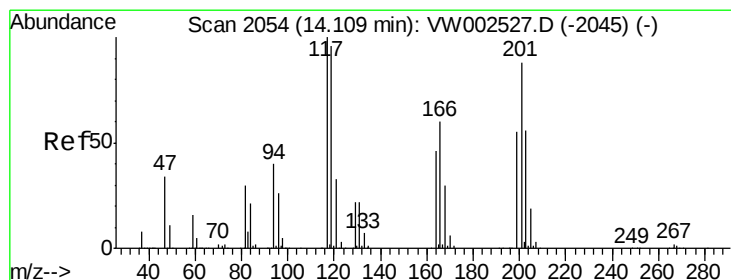
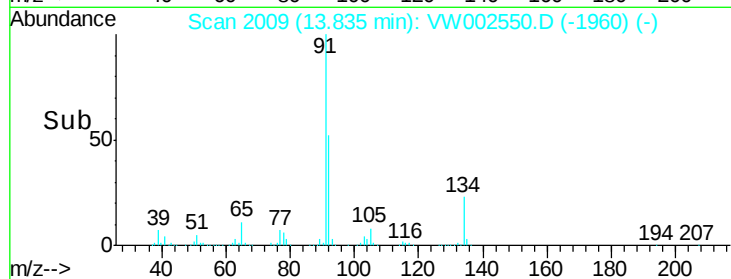
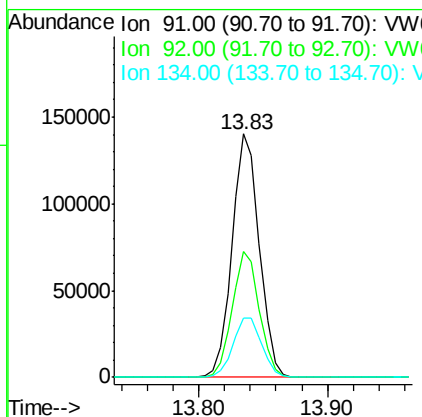
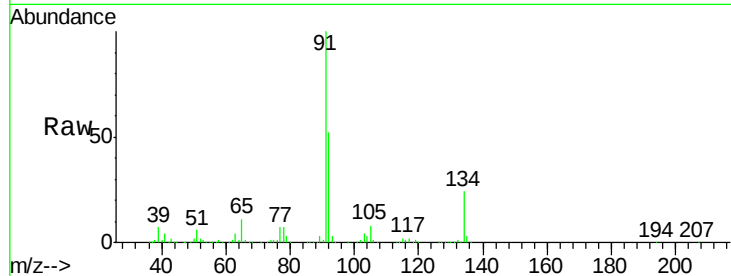
#89
n-Butylbenzene
Concen: 21.53 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	205823		
92	51.5		26.1	78.2
134	25.7		13.1	39.1

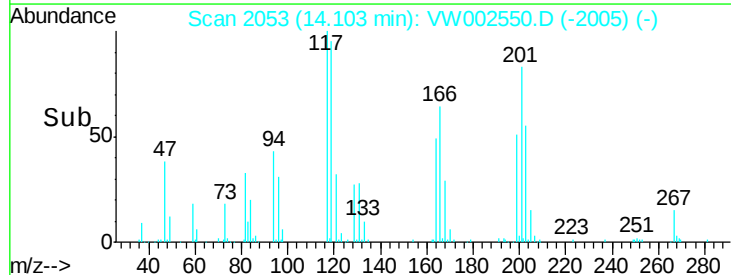
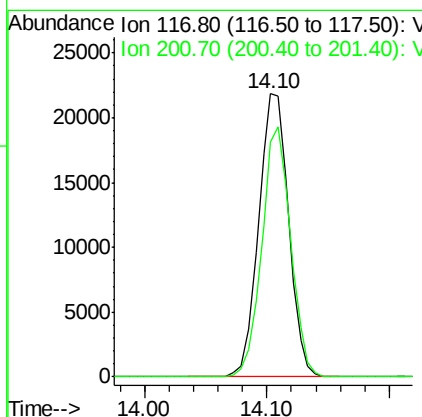
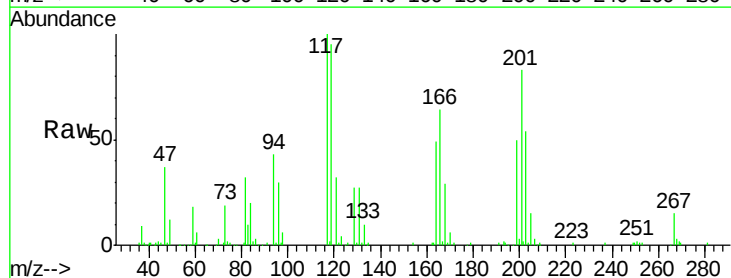
Manual Integrations
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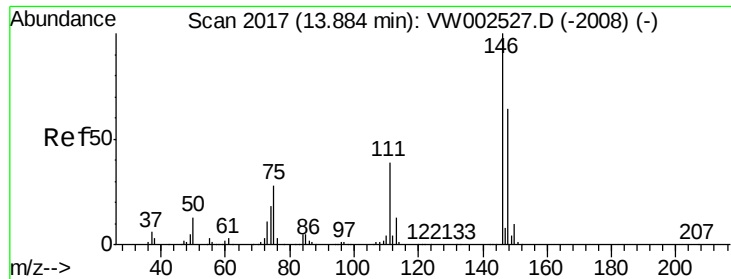
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#90
Hexachloroethane
Concen: 20.62 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37317		
201	84.5		42.0	126.0





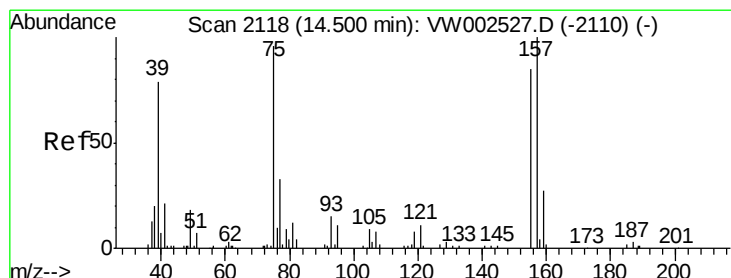
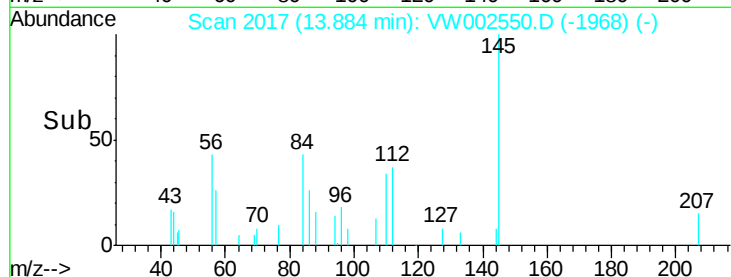
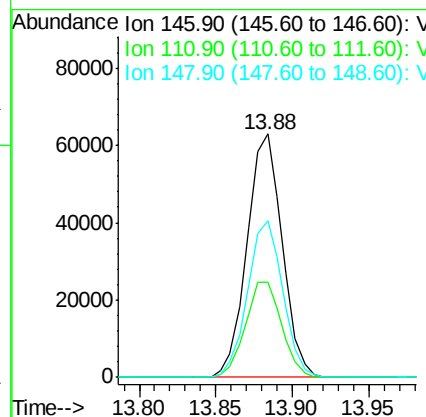
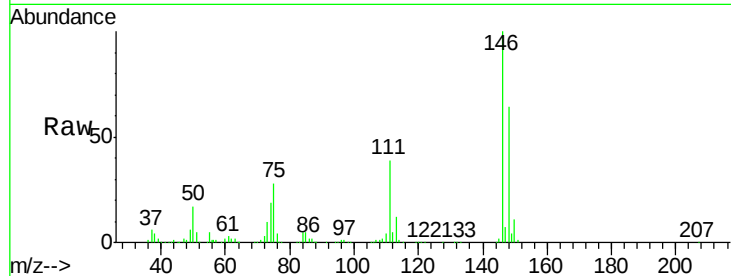
#91
 1,2-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.6
148	64.3	32.1	96.3

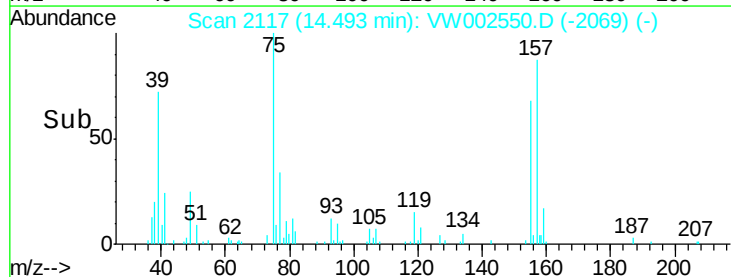
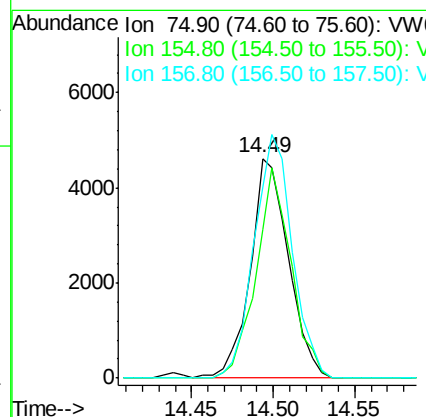
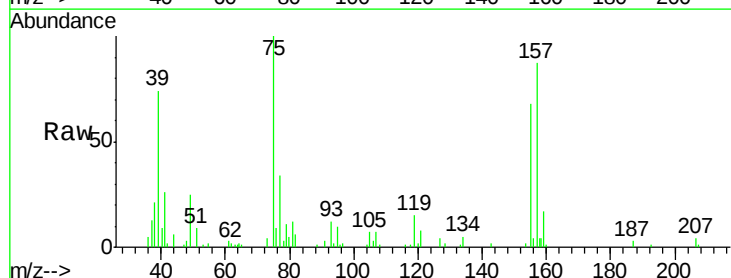
Manual Integrations
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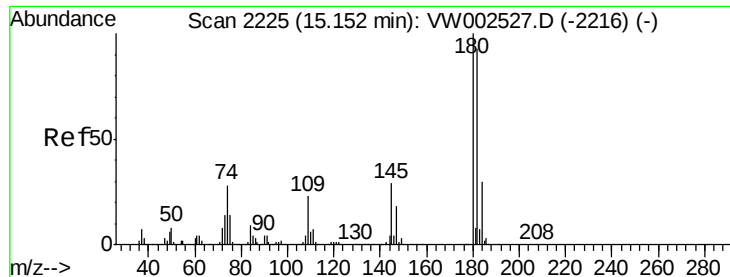
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.78 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	42.8	128.4
157	110.6	57.4	172.0





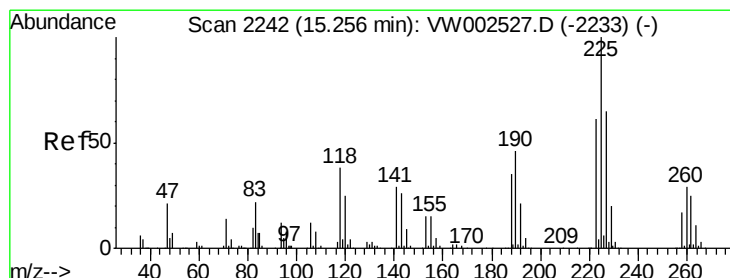
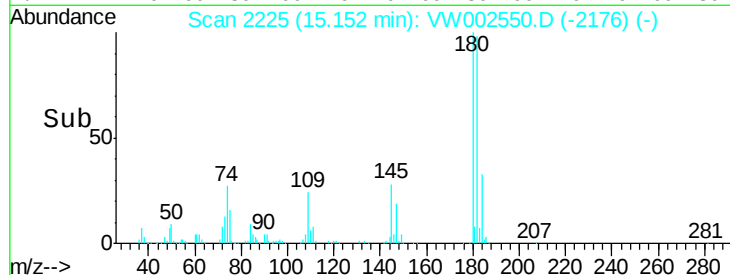
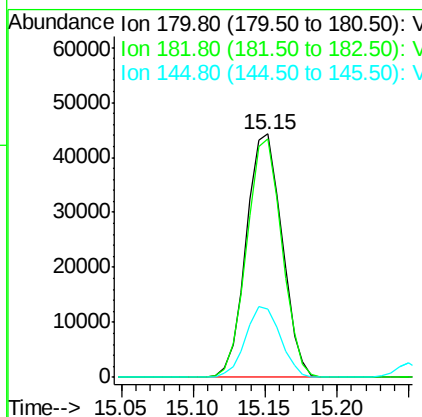
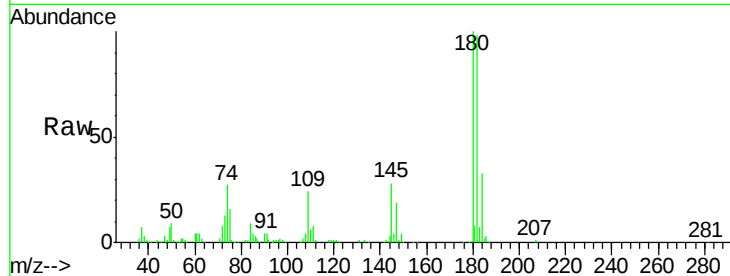
#93
 1,2,4-Trichlorobenzene
 Concen: 21.01 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.2	141.6
145	28.6	14.9	44.9

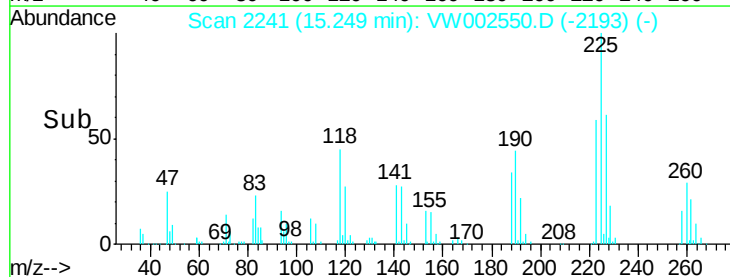
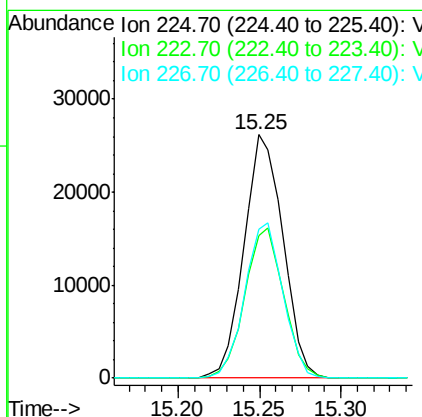
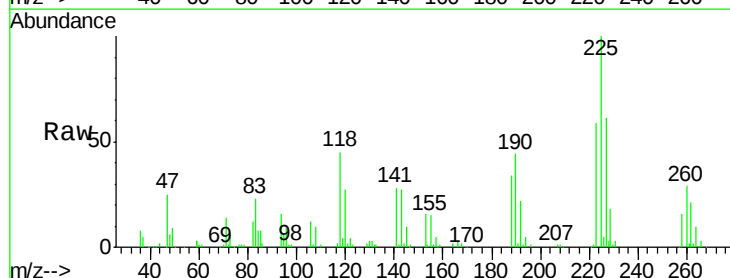
Manual Integrations
 APPROVED

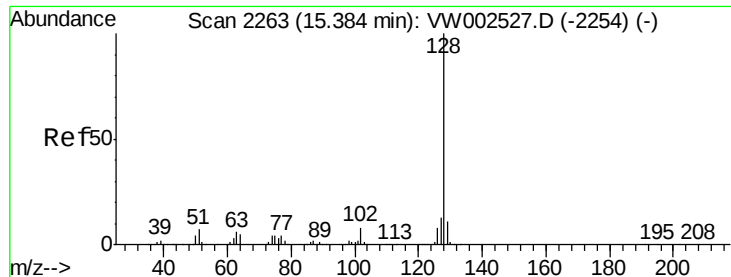
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.65 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002550.D
 Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.9
227	62.3	31.9	95.5





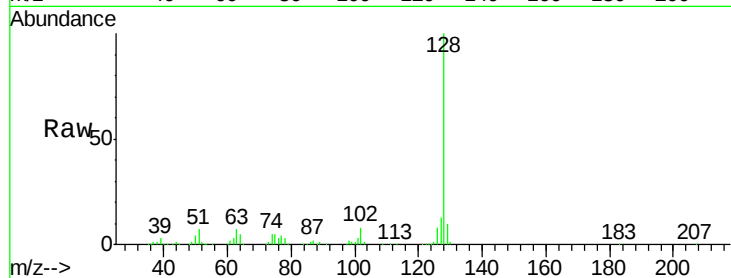
#95
Naphthalene
Concen: 19.99 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

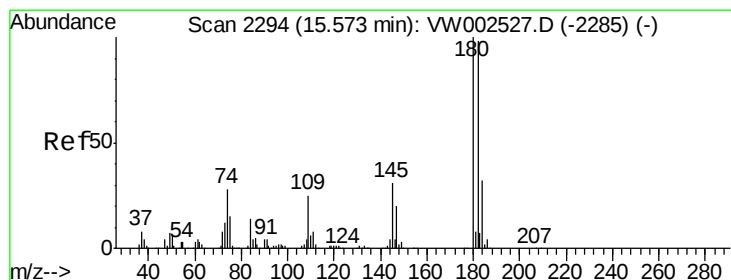
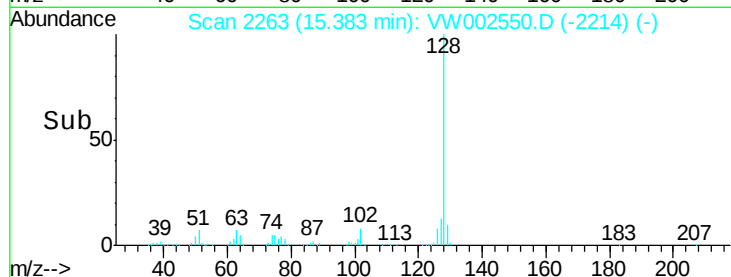
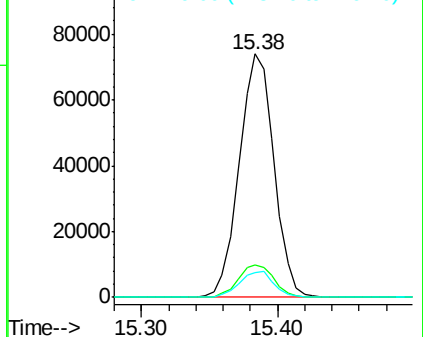
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
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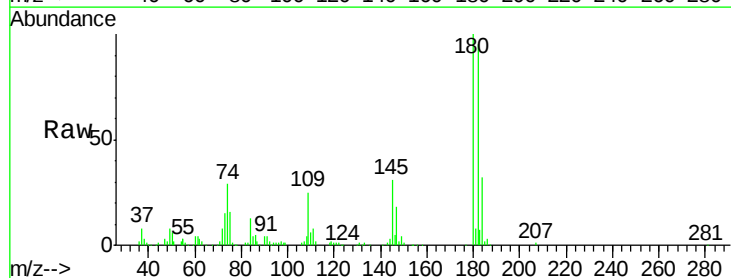


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.06 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002550.D
Acq: 15 May 2018 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.8
145	30.9	15.5	46.5



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

