

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002534.D
 Acq On : 15 May 2018 01:51
 Operator : JC/SY
 Sample : VW0515SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Manual Integrations
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 5/15/2018 6:12:17 PM

Quant Time: May 15 08:04:42 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	247577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	352452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134695	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	123547	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.33	98	472687	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.63	95	167554	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16895	17.68	ug/l	98
3) Chloromethane	2.21	50	36994	20.24	ug/l	96
4) Vinyl Chloride	2.35	62	55006	19.19	ug/l	94
5) Bromomethane	2.76	94	47840	20.36	ug/l	89
6) Chloroethane	2.92	64	40421	20.50	ug/l	92
7) Trichlorofluoromethane	3.24	101	26581	21.05	ug/l	100
8) Diethyl Ether	3.67	74	26152	17.31	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.04	101	42718	20.42	ug/l	99
10) Methyl Iodide	4.26	142	67443	20.23	ug/l	100
11) Tert butyl alcohol	5.18	59	23166	117.80	ug/l	98
12) 1,1-Dichloroethene	4.03	96	41467	20.02	ug/l	95
13) Acrolein	3.88	56	19065	98.40	ug/l	96
14) Allyl chloride	4.65	41	63025	20.51	ug/l	98
15) Acrylonitrile	5.36	53	56797	104.23	ug/l	99
16) Acetone	4.12	43	56611	104.81	ug/l	97
17) Carbon Disulfide	4.37	76	116563	20.46	ug/l	97
18) Methyl Acetate	4.67	43	29490	18.73	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	78555	20.65	ug/l	98
20) Methylene Chloride	4.90	84	46460	19.97	ug/l	93
21) trans-1,2-Dichloroethene	5.40	96	46435	20.74	ug/l	93
22) Diisopropyl ether	6.31	45	138364	20.33	ug/l	97
23) Vinyl Acetate	6.25	43	422058	102.31	ug/l	97
24) 1,1-Dichloroethane	6.20	63	83285	20.30	ug/l	99
25) 2-Butanone	7.17	43	76813	100.57	ug/l	96
26) 2,2-Dichloropropane	7.17	77	44103	19.19	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51592	20.20	ug/l	99
28) Bromochloromethane	7.51	49	36976	20.19	ug/l	99
29) Tetrahydrofuran	7.53	42	50699	106.26	ug/l	98
30) Chloroform	7.67	83	88511	20.21	ug/l	97
31) Cyclohexane	7.95	56	72451	19.94	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	66448	20.11	ug/l	99
36) 1,1-Dichloropropene	8.08	75	65588	19.57	ug/l	99
37) Ethyl Acetate	7.26	43	35061	21.09	ug/l	100
38) Carbon Tetrachloride	8.07	117	63241	19.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76530	19.94	ug/l	96
40) Benzene	8.32	78	190509	19.80	ug/l	99
41) Methacrylonitrile	7.49	41	18546	19.94	ug/l	99
42) 1,2-Dichloroethane	8.40	62	61542	20.14	ug/l	100
43) Isopropyl Acetate	8.43	43	63421	19.84	ug/l	99
44) Trichloroethene	9.09	130	52540	19.92	ug/l	97
45) 1,2-Dichloropropane	9.37	63	47875	19.53	ug/l	99
46) Dibromomethane	9.46	93	27840	19.95	ug/l	97
47) Bromodichloromethane	9.65	83	64872	19.94	ug/l	99
48) Methyl methacrylate	9.44	41	29681	19.16	ug/l	95
49) 1,4-Dioxane	9.45	88	9328	401.15	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	174736	99.55	ug/l	100
52) Toluene	10.39	92	122579	20.15	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62615	19.03	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	71997	19.63	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37957	19.31	ug/l	98
56) Ethyl methacrylate	10.65	69	47849	19.97	ug/l	99
57) 1,3-Dichloropropane	10.94	76	65861	20.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122283	103.98	ug/l	100
59) 2-Hexanone	10.98	43	120953	99.81	ug/l	100
60) Dibromochloromethane	11.13	129	45333	19.54	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37915	19.98	ug/l	99
64) Tetrachloroethene	10.87	164	53628	21.59	ug/l	93
65) Chlorobenzene	11.66	112	139413	19.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48983	19.49	ug/l	99
67) Ethyl Benzene	11.74	91	234962	19.69	ug/l	99
68) m/p-Xylenes	11.85	106	181849	39.20	ug/l	99
69) o-Xylene	12.18	106	87172	19.78	ug/l	99
70) Styrene	12.19	104	142479	19.42	ug/l	99
71) Bromoform	12.36	173	28412	19.24	ug/l	# 100
73) Isopropylbenzene	12.48	105	236968	20.39	ug/l	100
74) N-amyl acetate	12.28	43	61197	20.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	47695	20.26	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	35839m	20.11	ug/l	
77) Bromobenzene	12.76	156	59679	20.13	ug/l	98
78) n-propylbenzene	12.82	91	286860	20.44	ug/l	99
79) 2-Chlorotoluene	12.90	91	161140	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	202067	20.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12734	19.48	ug/l	96
82) 4-Chlorotoluene	13.00	91	172559	20.02	ug/l	99
83) tert-Butylbenzene	13.22	119	175754	20.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	208612	20.26	ug/l	99
85) sec-Butylbenzene	13.40	105	248125	20.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	224344	20.27	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119706	19.96	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120268	20.16	ug/l	99
89) n-Butylbenzene	13.84	91	211517	20.20	ug/l	99
90) Hexachloroethane	14.10	117	40039	20.20	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	110099	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	8329	20.05	ug/l	95

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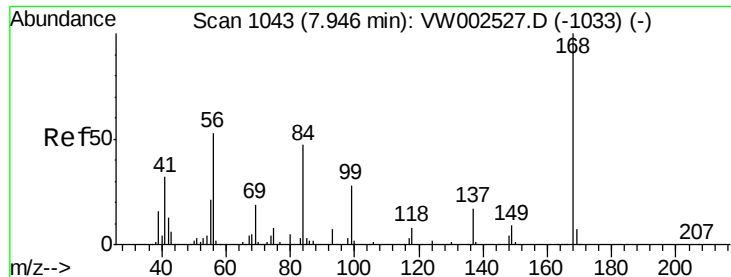
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80579	20.34	ug/l	98
94) Hexachlorobutadiene	15.25	225	45952	20.85	ug/l	98
95) Naphthalene	15.38	128	153642	21.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73226	20.66	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: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion:168 Resp: 247577

Ion Ratio Lower Upper

168 100

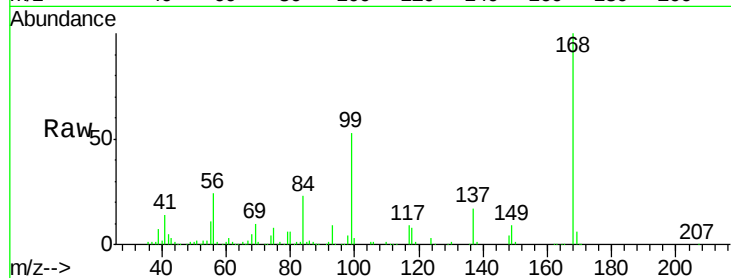
99 52.8 42.6 64.0

Manual Integrations

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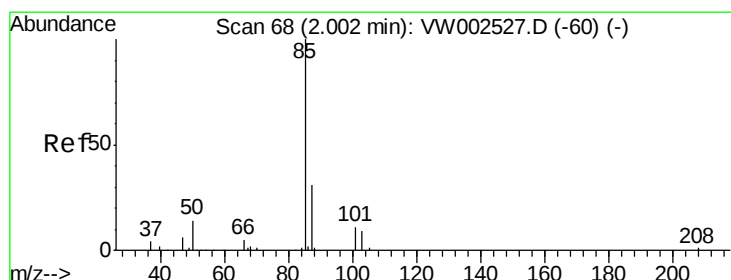
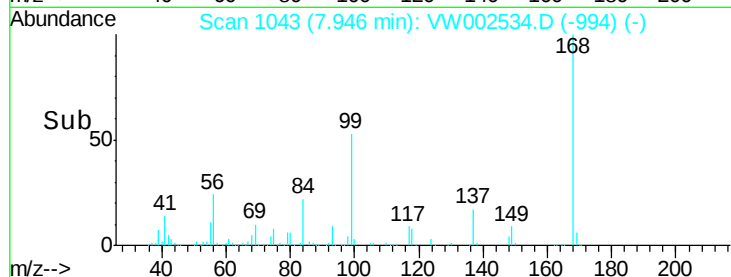
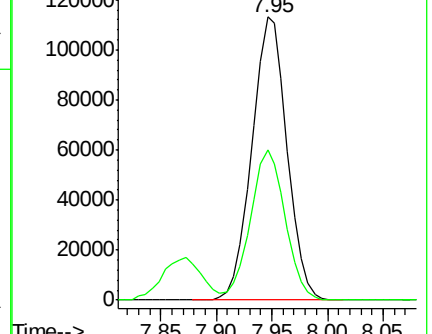
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.68 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002534.D

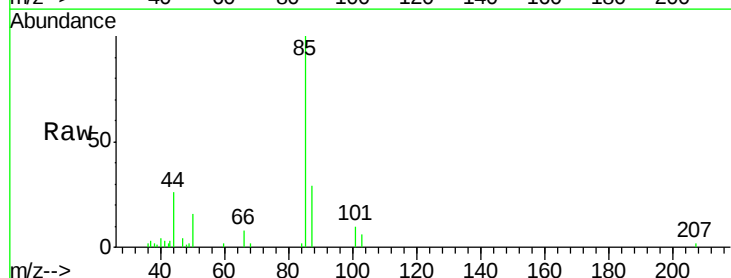
Acq: 15 May 2018 01:51

Tgt Ion: 85 Resp: 16895

Ion Ratio Lower Upper

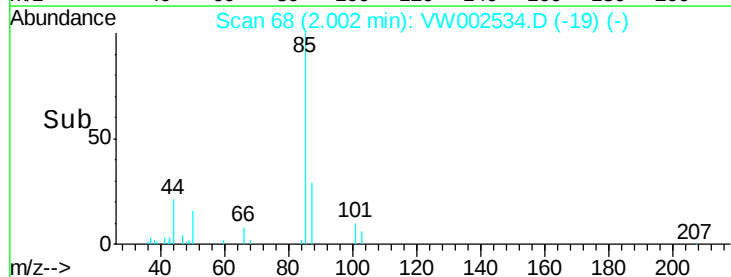
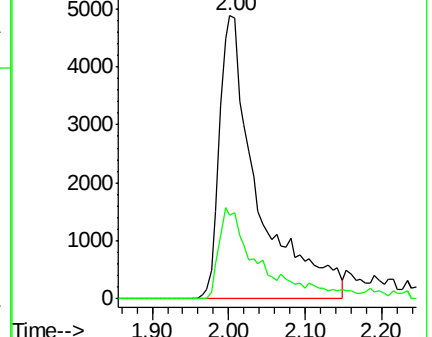
85 100

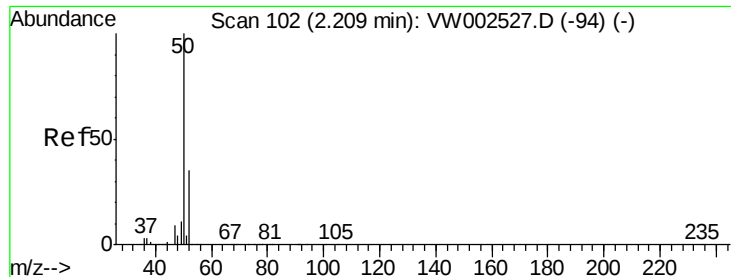
87 29.4 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.24 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD01

Tot Ion: 50 Resp: 36994

Ion Ratio Lower Upper

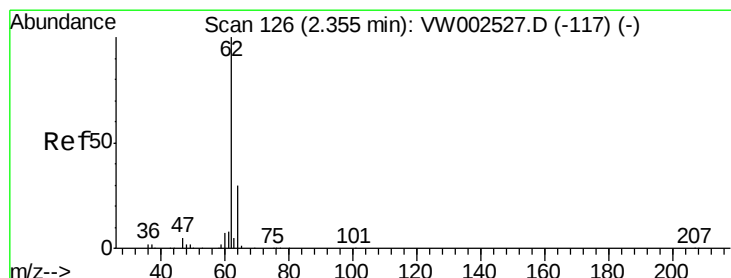
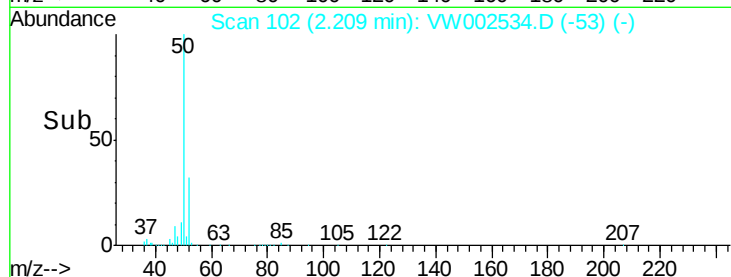
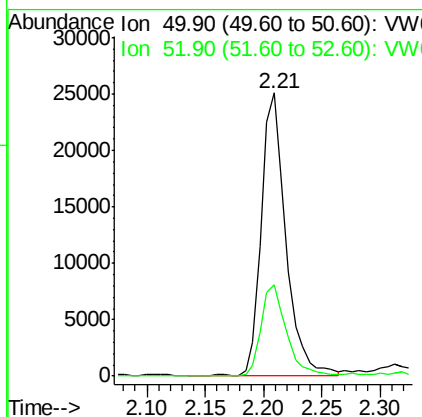
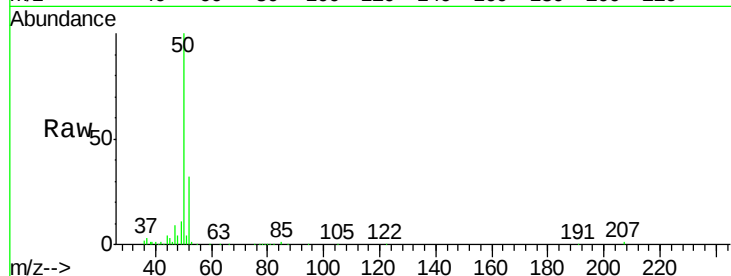
50 100

52 32.4 27.8 41.8

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#4

Vinyl Chloride

Concen: 19.19 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002534.D

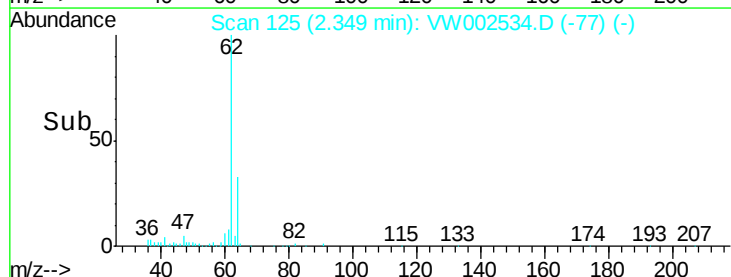
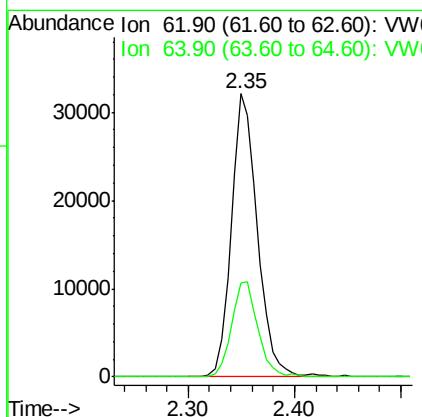
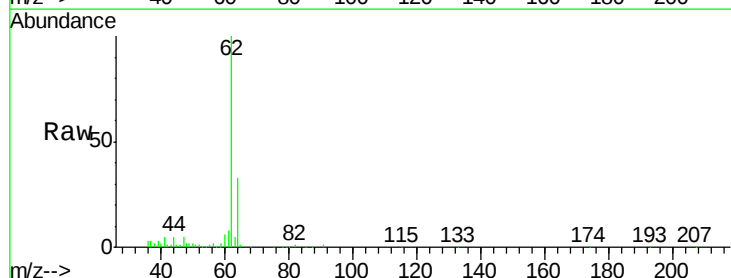
Acq: 15 May 2018 01:51

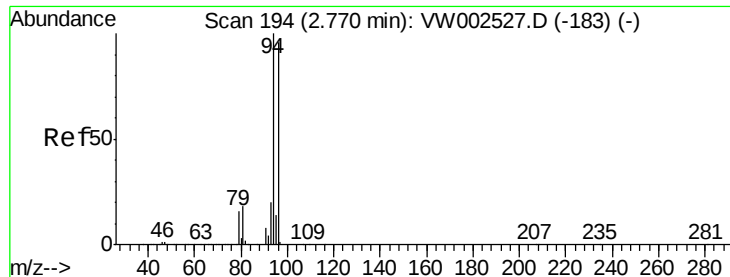
Tgt Ion: 62 Resp: 55006

Ion Ratio Lower Upper

62 100

64 33.4 24.0 36.0





#5

Bromomethane

Concen: 20.36 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 94 Resp: 47840

Ion Ratio Lower Upper

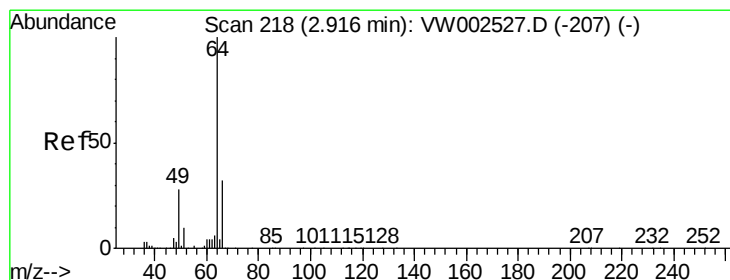
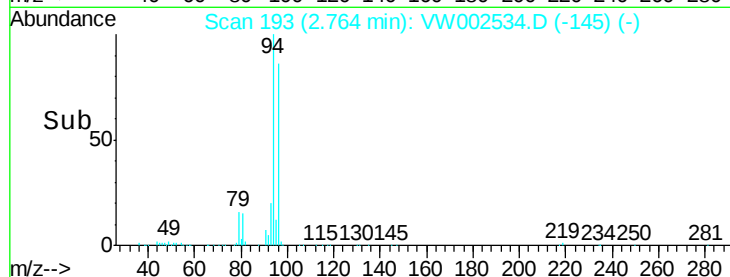
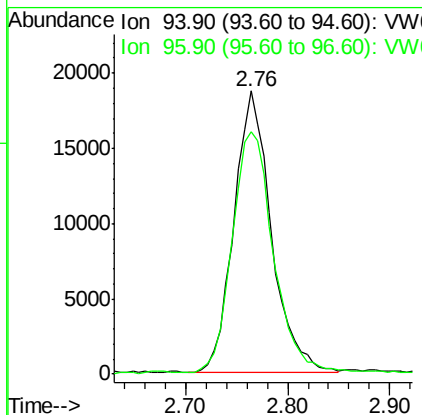
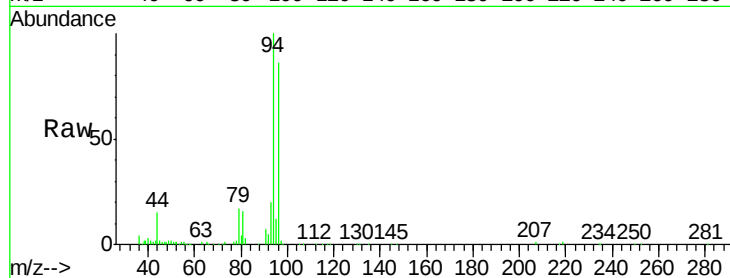
94 100

96 85.5 77.0 115.4

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#6

Chloroethane

Concen: 20.50 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW002534.D

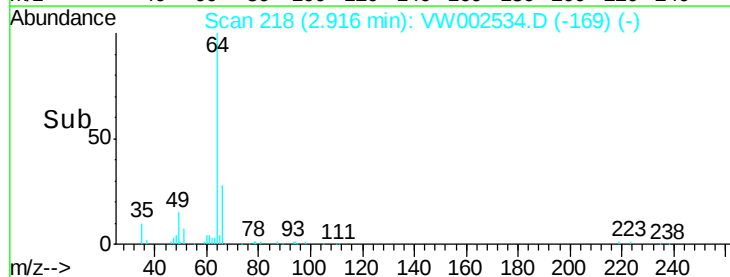
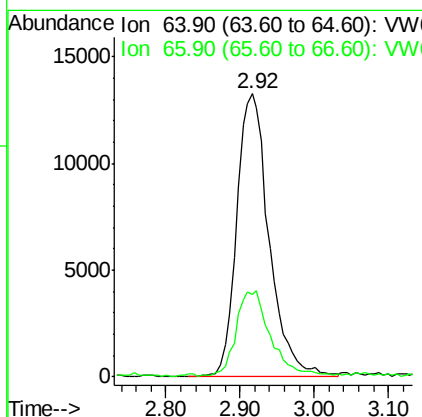
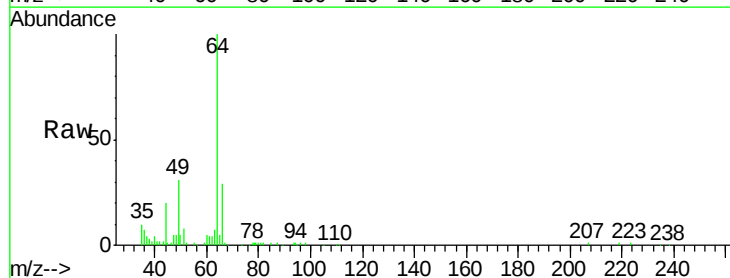
Acq: 15 May 2018 01:51

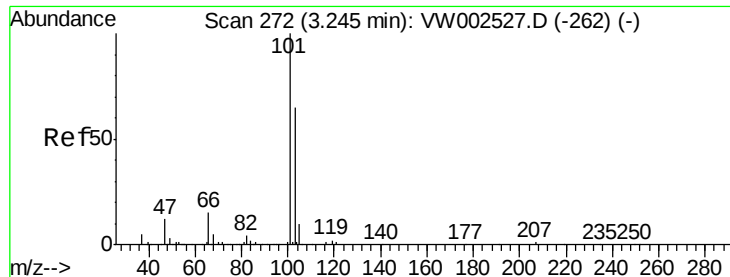
Tgt Ion: 64 Resp: 40421

Ion Ratio Lower Upper

64 100

66 27.9 25.8 38.8





#7

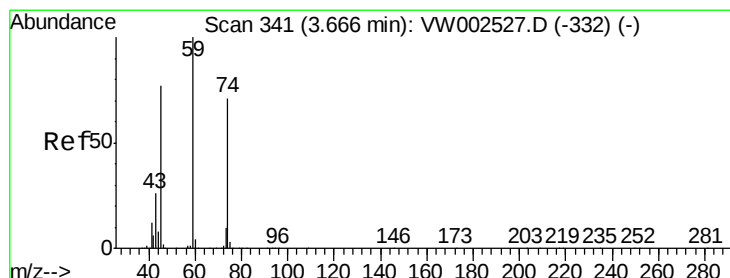
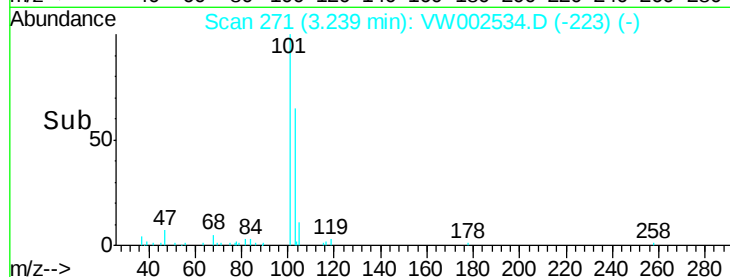
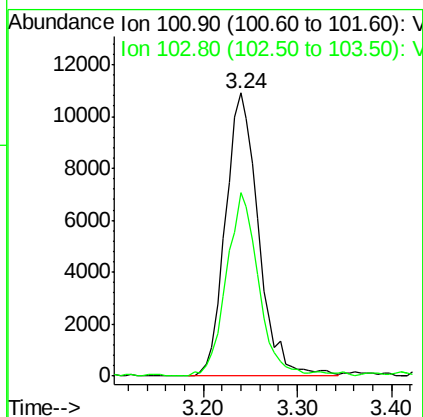
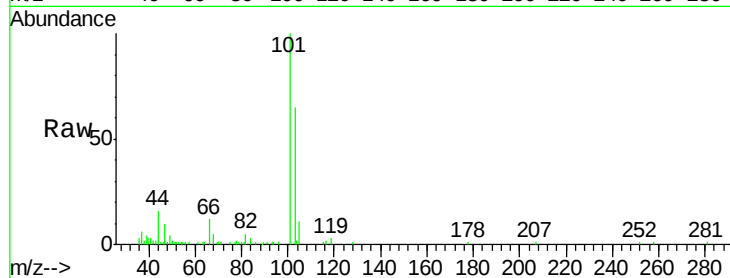
Trichlorofluoromethane
 Concen: 21.05 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.8

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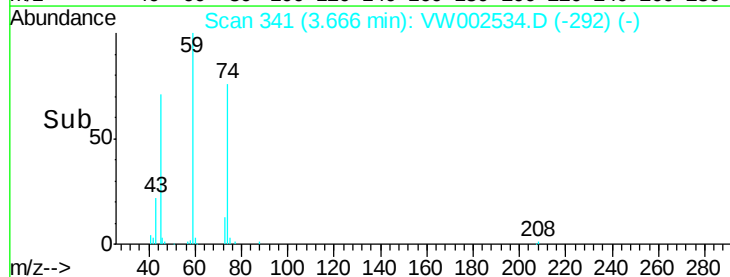
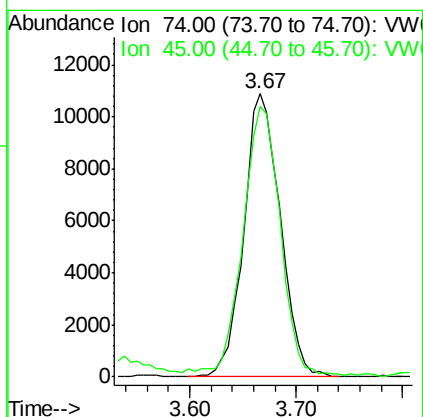
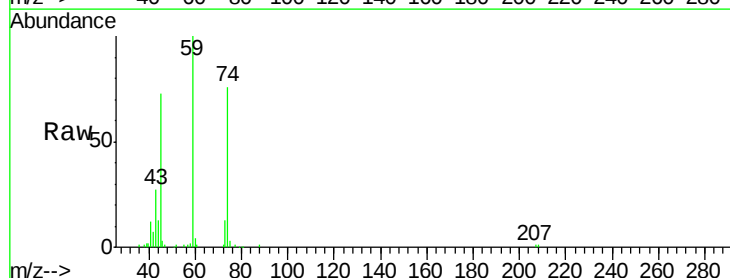
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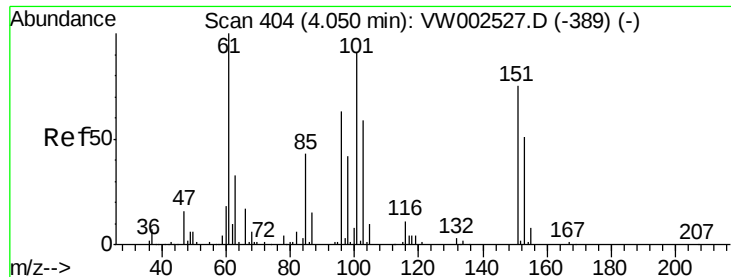


#8

Diethyl Ether
 Concen: 17.31 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.42 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

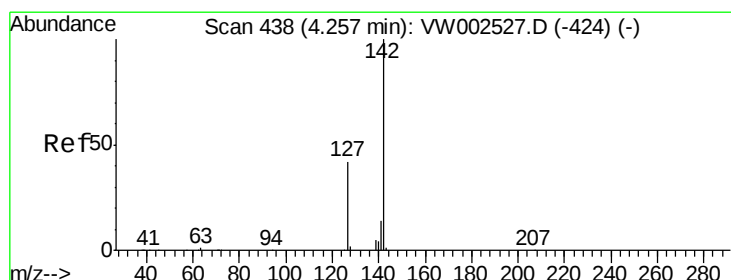
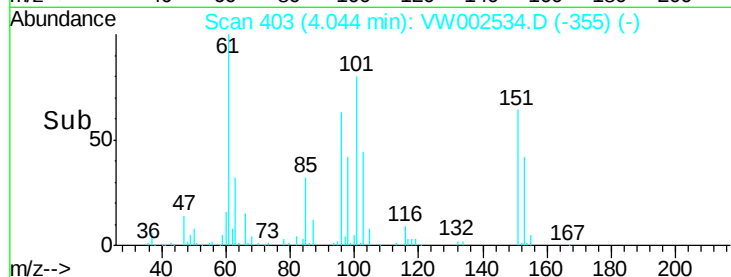
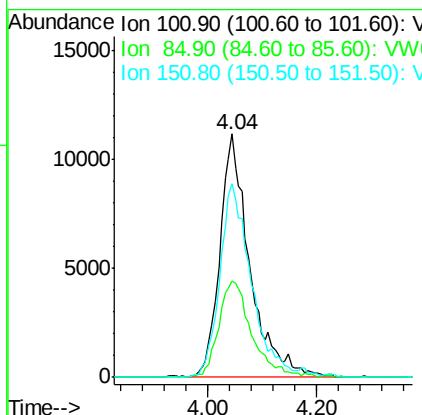
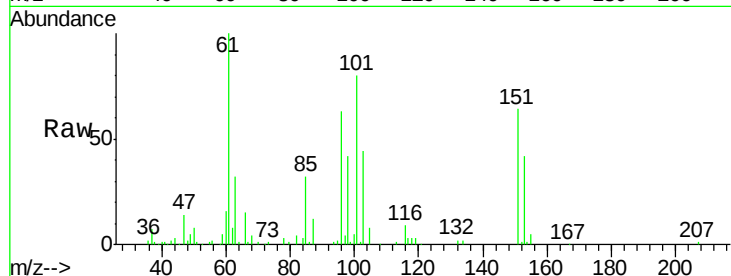
ClientSampleId :

VW0515SBS01

Tot Ion:	101	Resp:	42718
Ion Ratio	Lower	Upper	
101	100		
85	43.4	36.5	54.7
151	83.3	66.7	100.1

Manual Integrations
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#10

Methyl Iodide

Concen: 20.23 ug/l

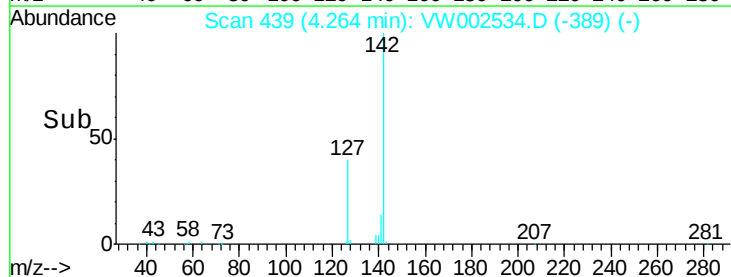
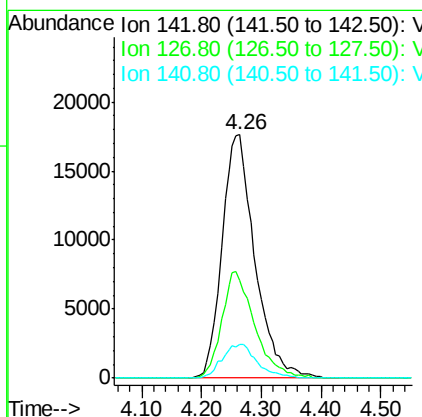
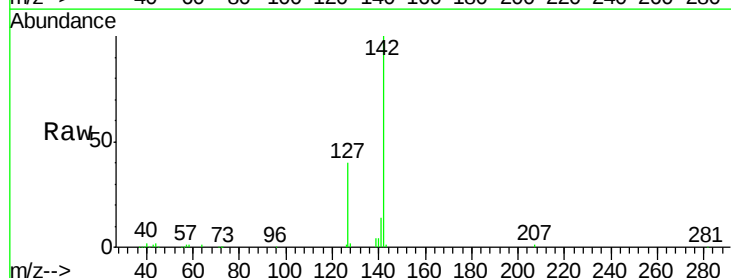
RT: 4.26 min Scan# 439

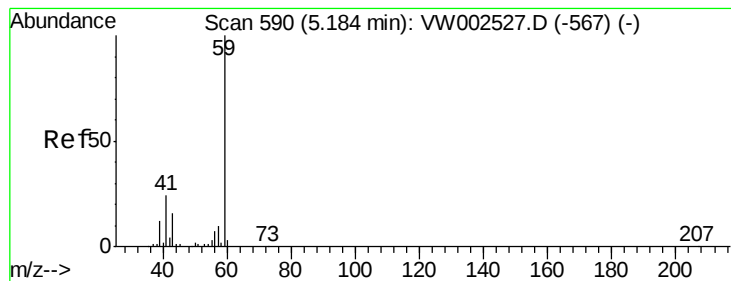
Delta R.T. 0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tgt Ion:	142	Resp:	67443
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.6	52.0
141	14.7	11.8	17.8





#11

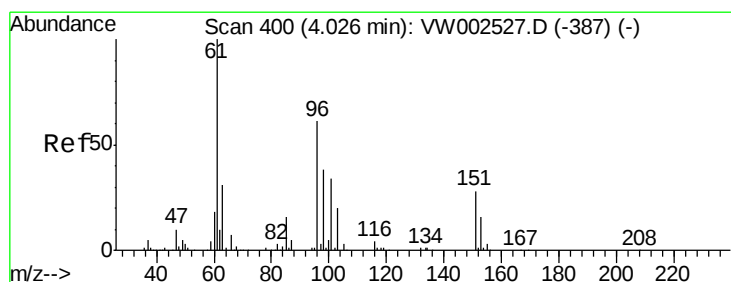
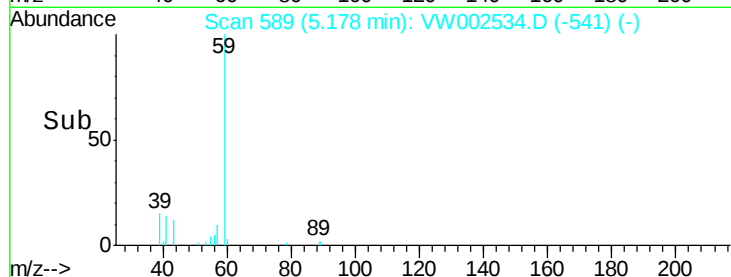
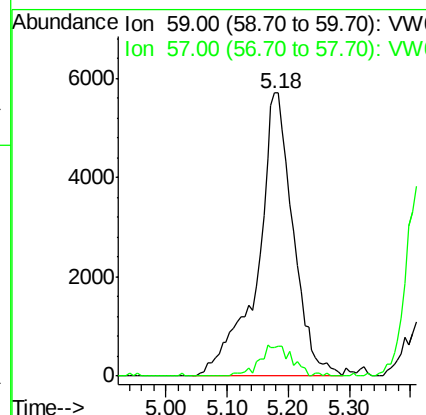
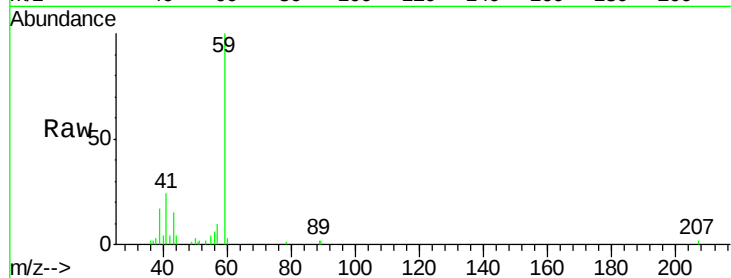
Tert butyl alcohol
 Concen: 117.80 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.4

Manual Integrations
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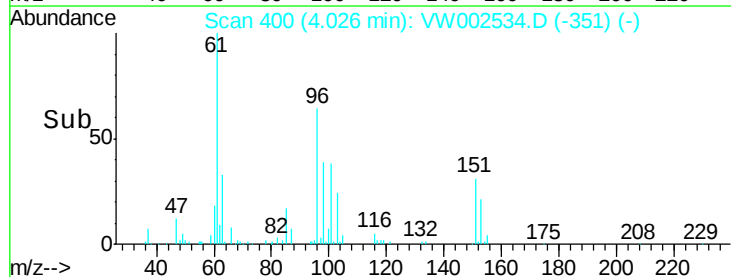
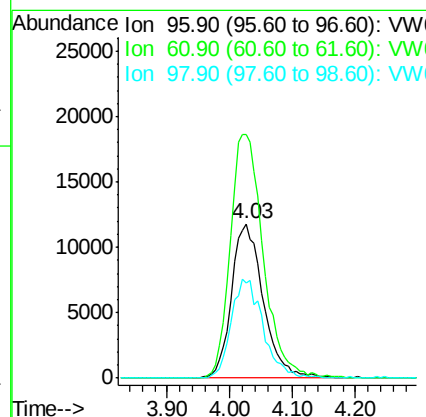
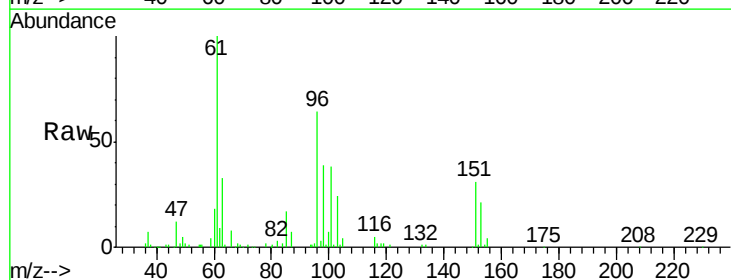
apatel
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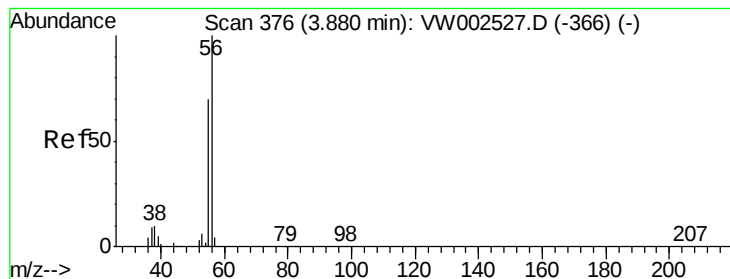


#12

1,1-Dichloroethene
 Concen: 20.02 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	132.2	198.2
98	61.1	50.6	76.0





#13

Acrolein

Concen: 98.40 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 56 Resp: 19065

Ion Ratio Lower Upper

56 100

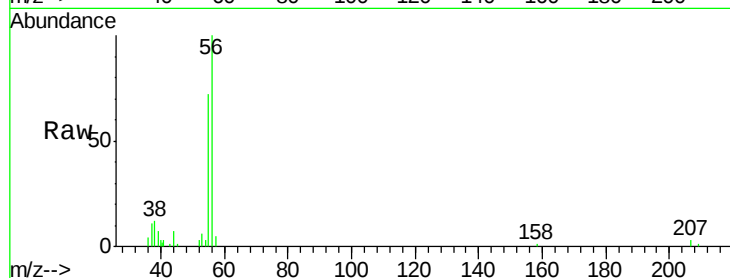
55 74.7 57.0 85.4

Manual Integrations

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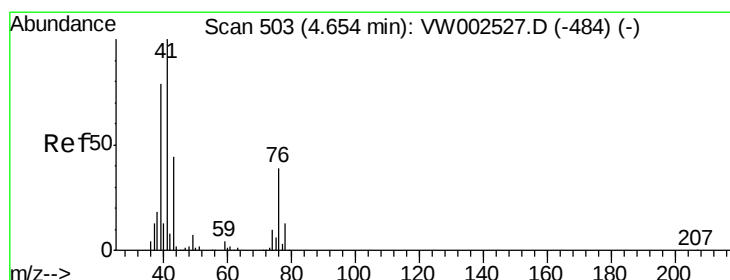
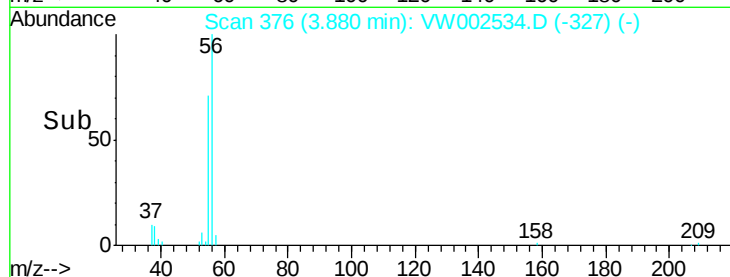
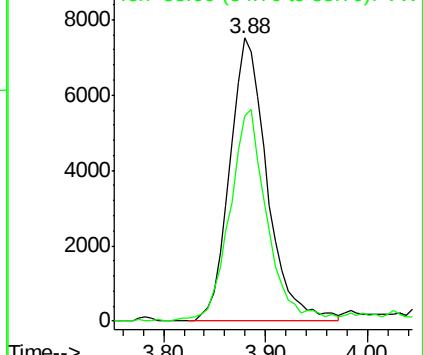
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.51 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

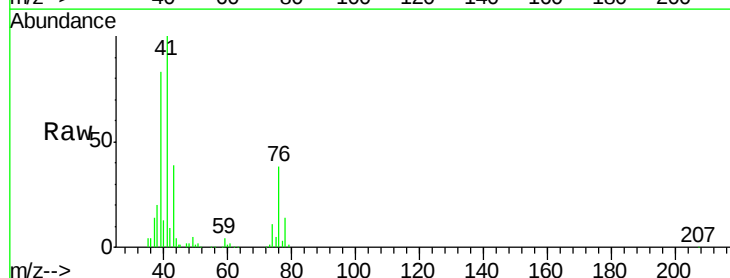
Tgt Ion: 41 Resp: 63025

Ion Ratio Lower Upper

41 100

39 78.8 61.4 92.2

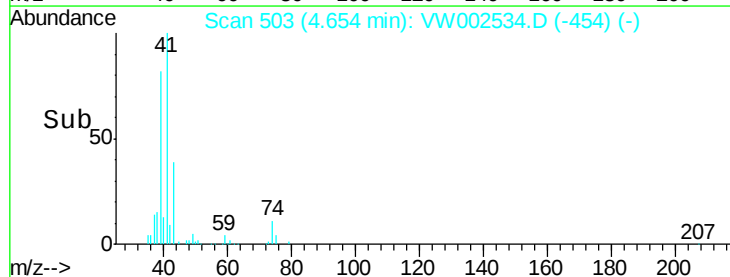
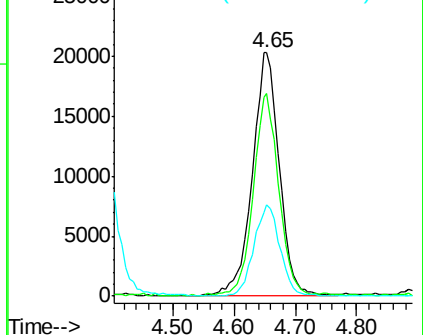
76 36.0 29.6 44.4

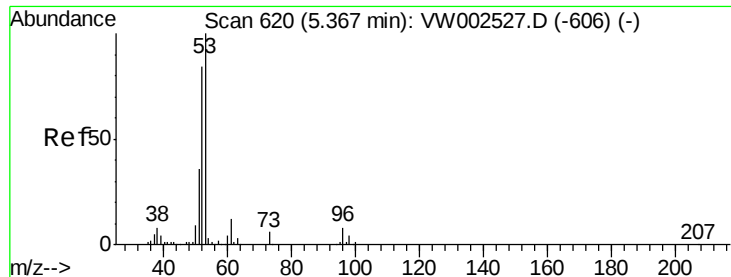


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 104.23 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

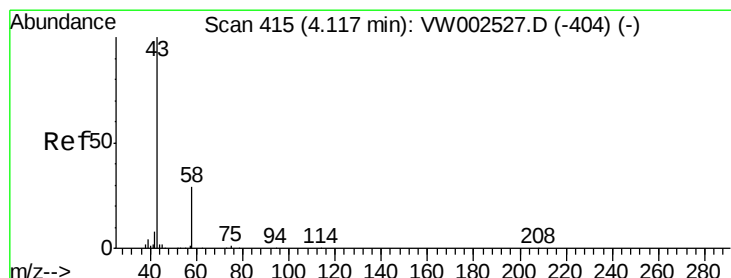
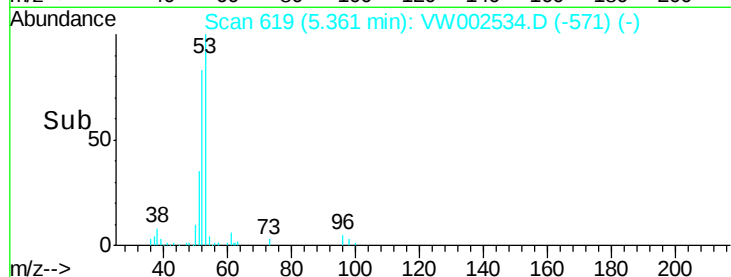
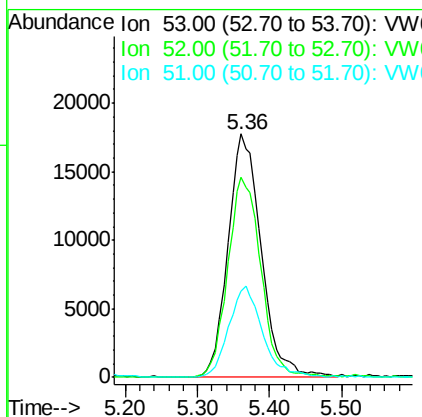
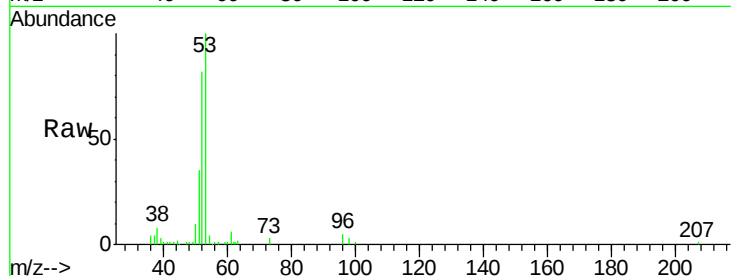
ClientSampleId :

VW0515SBS01

Tot Ion:	53	Resp:	56797
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.6	100.0
51	38.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 104.81 ug/l

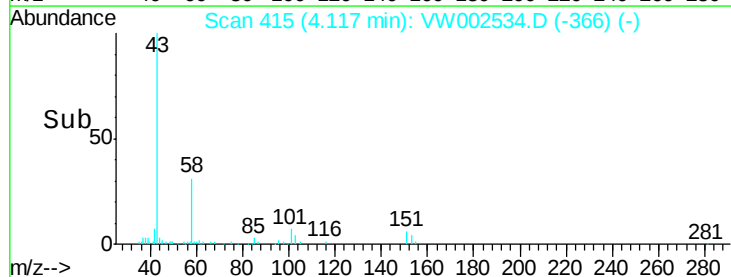
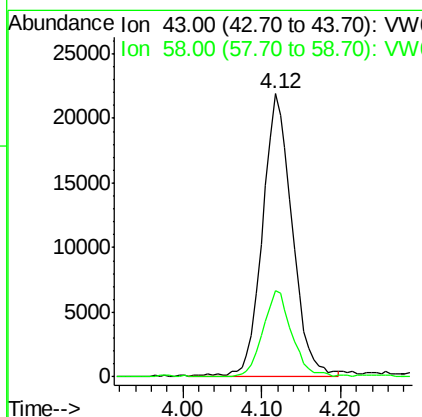
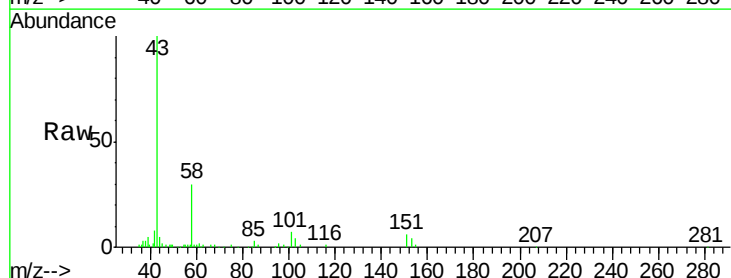
RT: 4.12 min Scan# 415

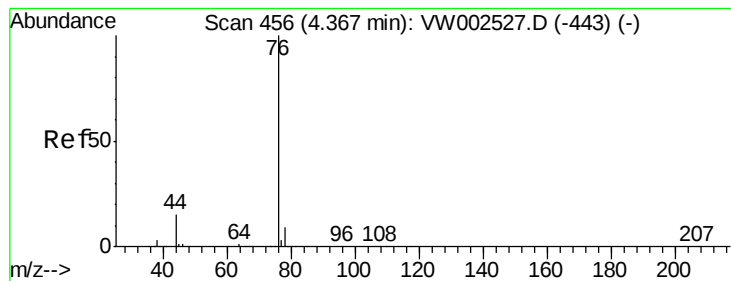
Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tgt Ion:	43	Resp:	56611
Ion Ratio	Lower	Upper	
43	100		
58	30.6	23.4	35.0





#17

Carbon Disulfide

Concen: 20.46 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD01

Tot Ion: 76 Resp: 116563

Ion Ratio Lower Upper

76 100

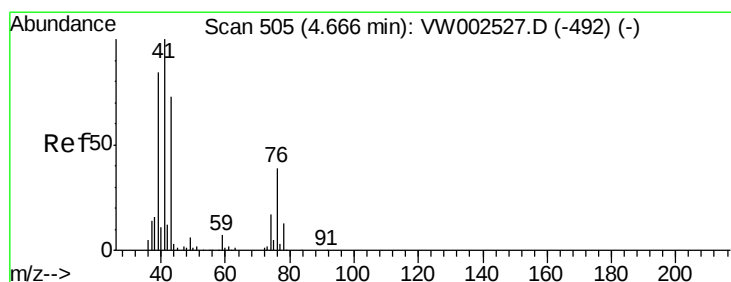
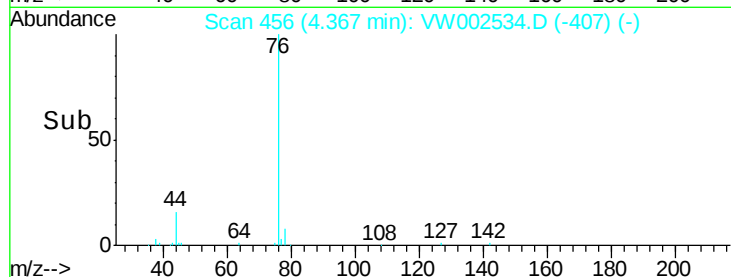
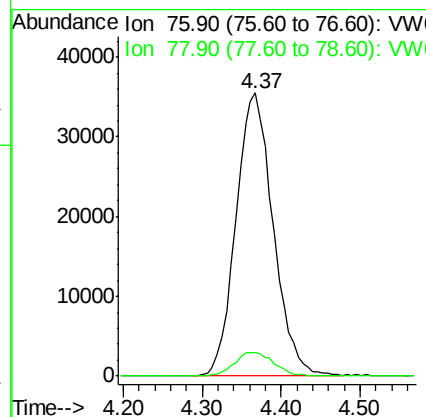
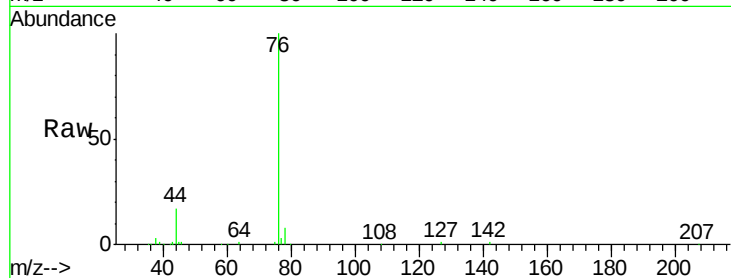
78 8.2 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 18.73 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW002534.D

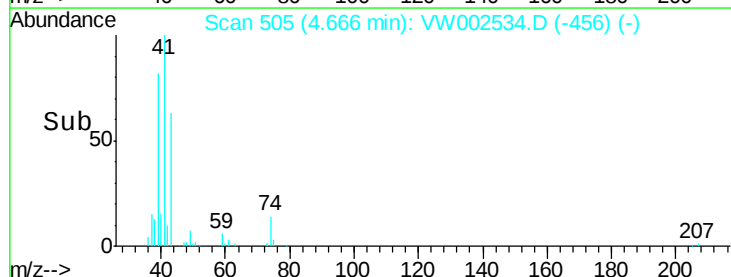
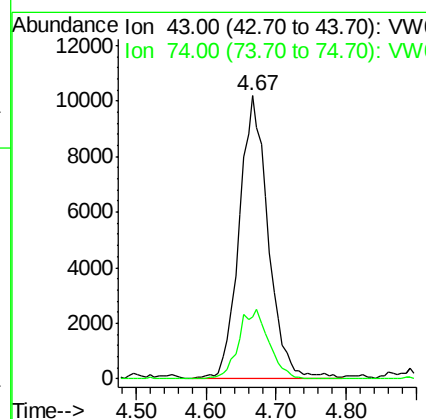
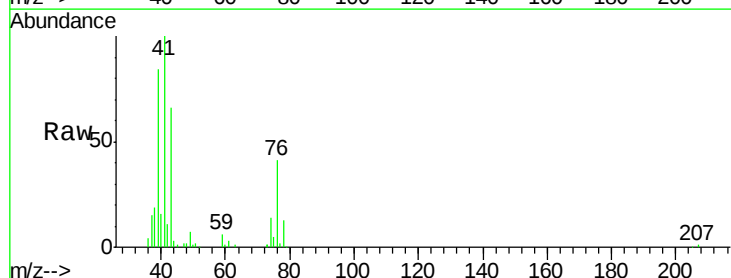
Acq: 15 May 2018 01:51

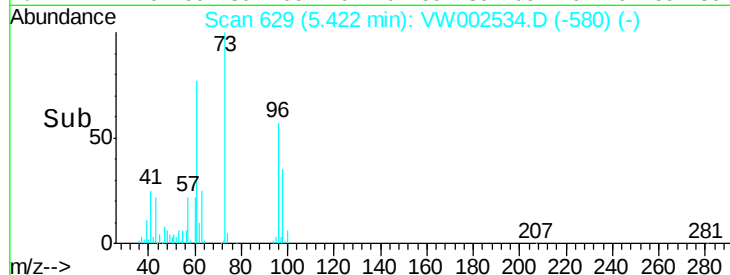
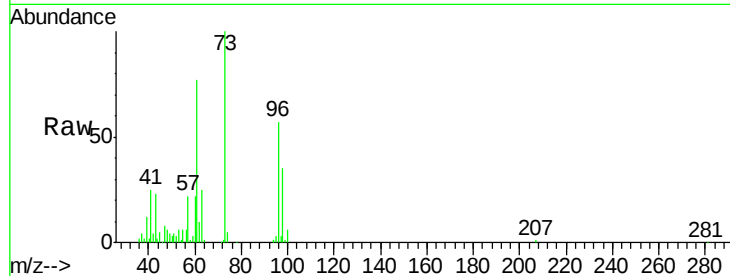
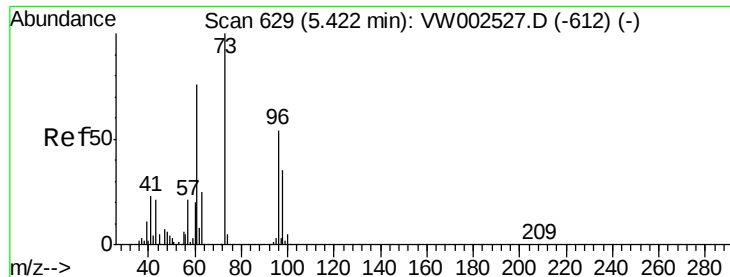
Tgt Ion: 43 Resp: 29490

Ion Ratio Lower Upper

43 100

74 25.3 19.2 28.8





#19

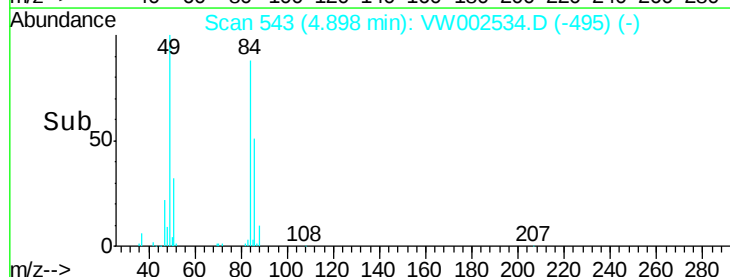
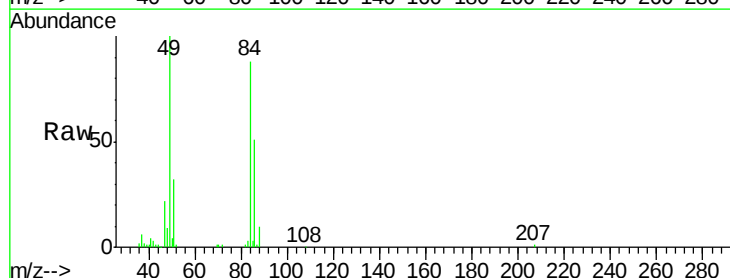
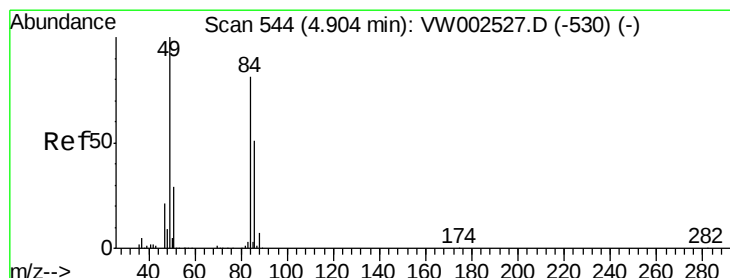
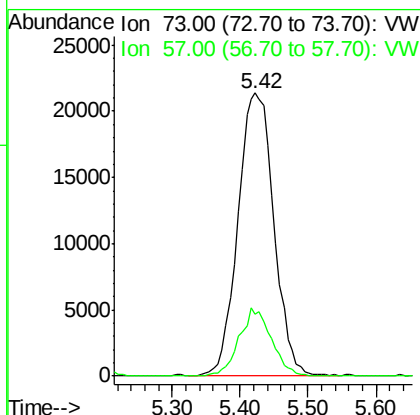
Methyl tert-butyl Ether
 Concen: 20.65 ug/l
 RT: 5.42 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tot Ion	73	Resp	78555
Ion Ratio	100	Lower	Upper
73	100		
57	22.0	17.0	25.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Manual Integrations
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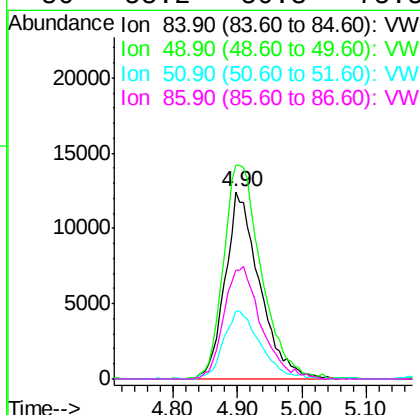
apatel
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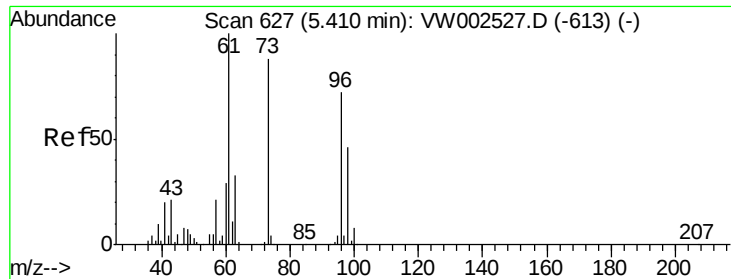


#20

Methylene Chloride
 Concen: 19.97 ug/l
 RT: 4.90 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	84	Resp	46460
Ion Ratio	100	Lower	Upper
84	100		
49	113.1	99.4	149.0
51	36.0	29.0	43.6
86	58.2	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 20.74 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

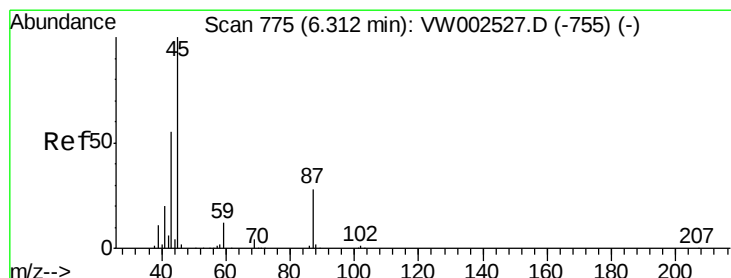
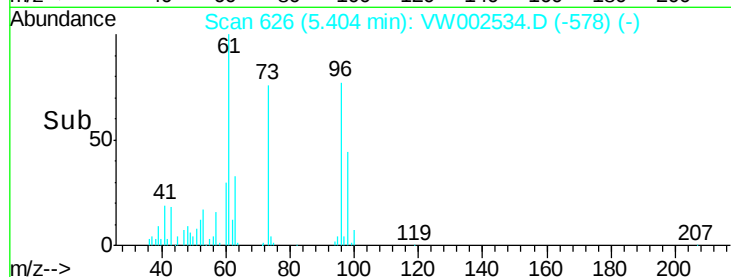
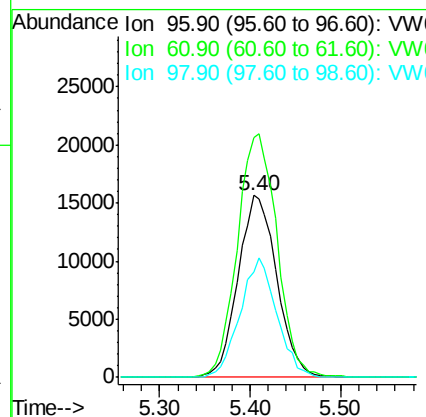
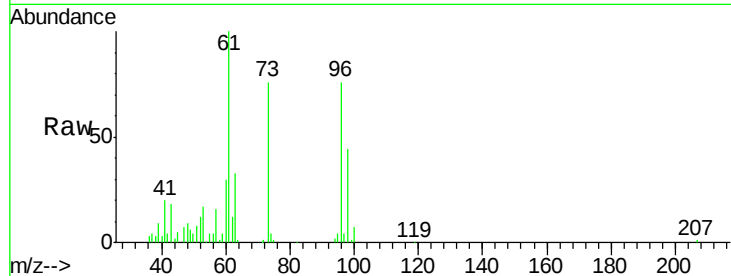
ClientSampleId :

VW0515SBS01

Tot Ion:	96	Resp:	46435
Ion	Ratio	Lower	Upper
96	100		
61	131.4	111.6	167.4
98	57.7	51.7	77.5

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#22

Diisopropyl ether

Concen: 20.33 ug/l

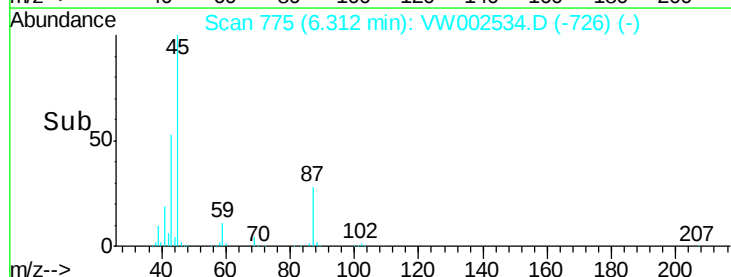
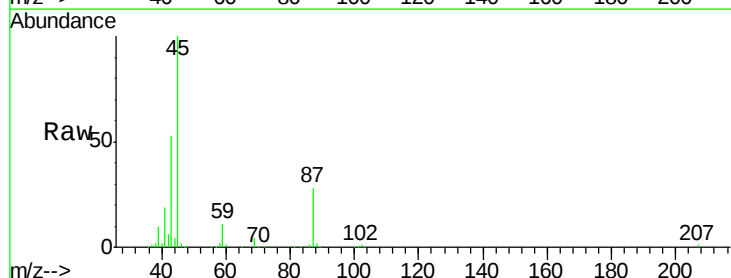
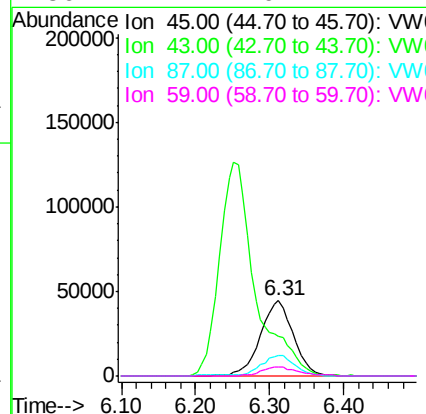
RT: 6.31 min Scan# 775

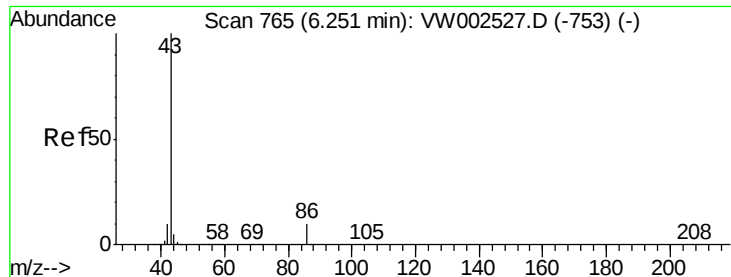
Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tgt Ion:	45	Resp:	138364
Ion	Ratio	Lower	Upper
45	100		
43	52.0	44.4	66.6
87	28.0	23.0	34.4
59	11.1	9.4	14.2





#23

Vinyl Acetate

Concen: 102.31 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tot Ion: 43 Resp: 422058

Ion Ratio Lower Upper

43 100

86 10.8 7.9 11.9

Instrument :

MSVOA_W

ClientSampleId :

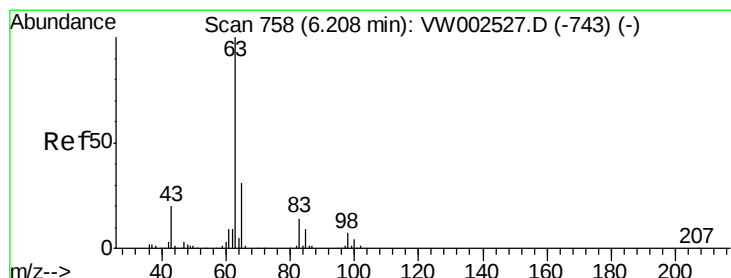
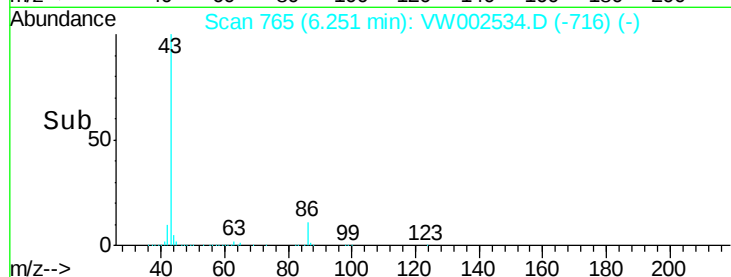
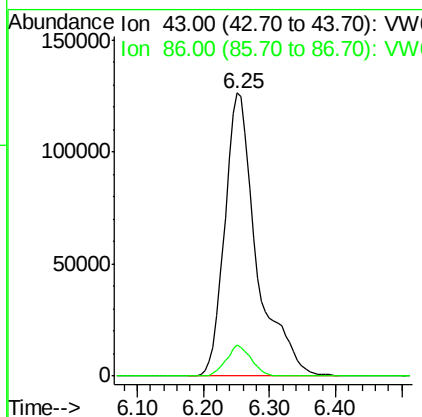
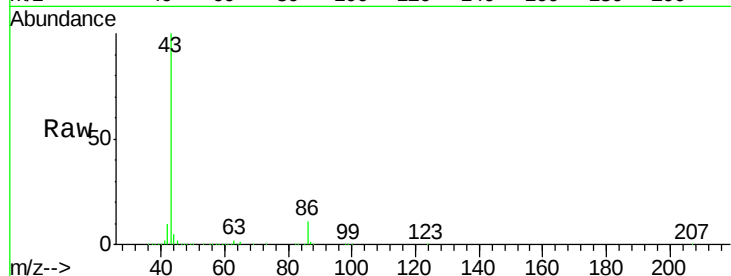
VW0515SBS01

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#24

1,1-Dichloroethane

Concen: 20.30 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

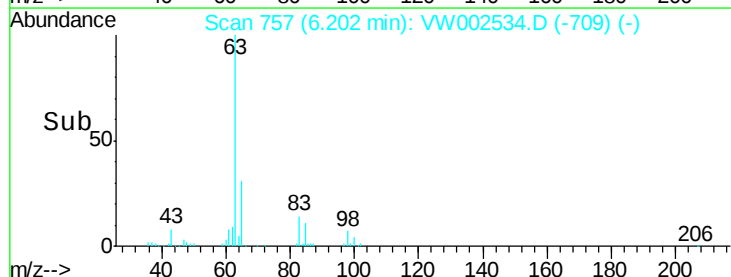
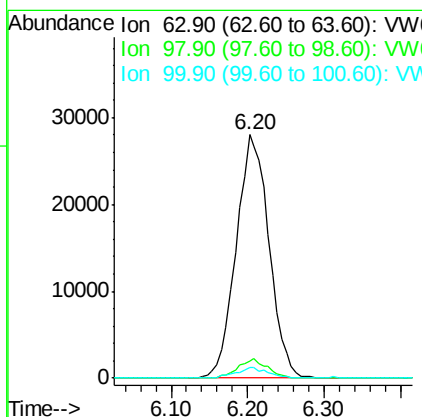
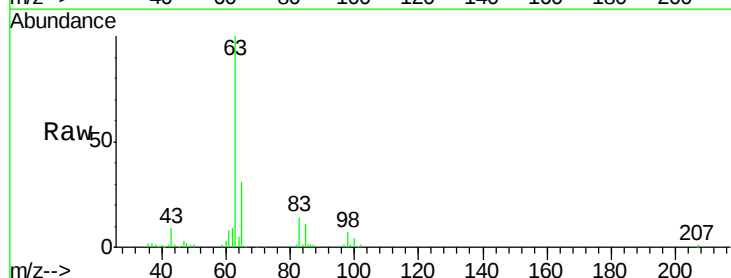
Tgt Ion: 63 Resp: 83285

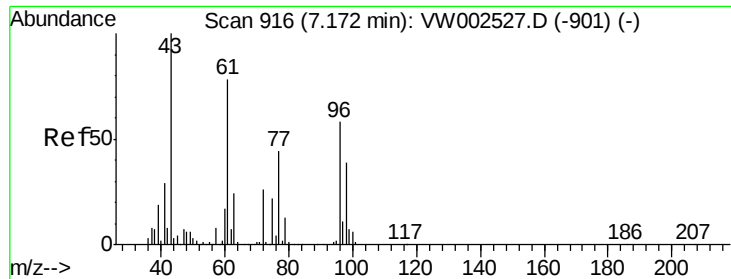
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 100.57 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 43 Resp: 76813

Ion Ratio Lower Upper

43 100

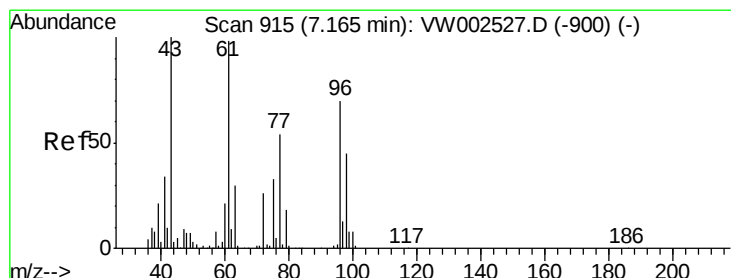
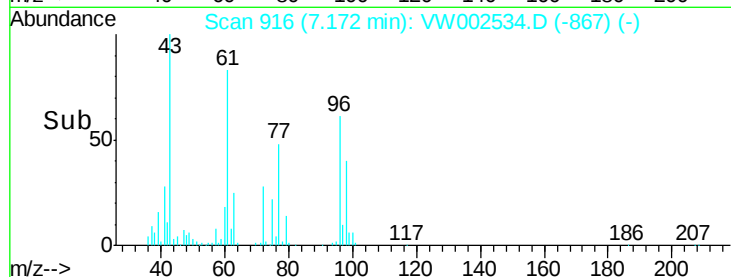
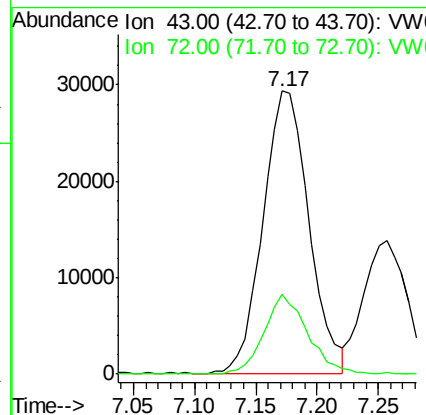
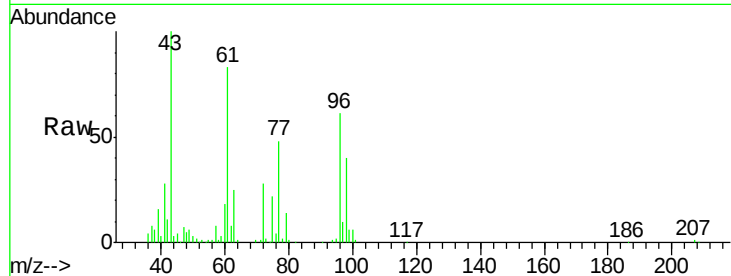
72 28.2 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 19.19 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002534.D

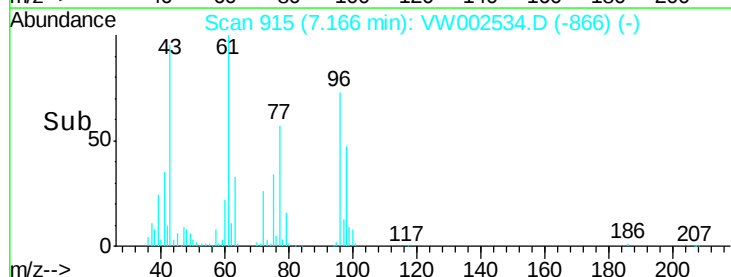
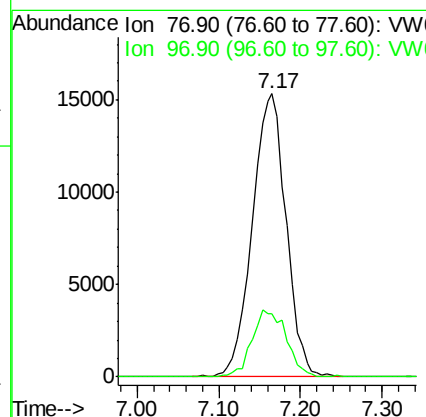
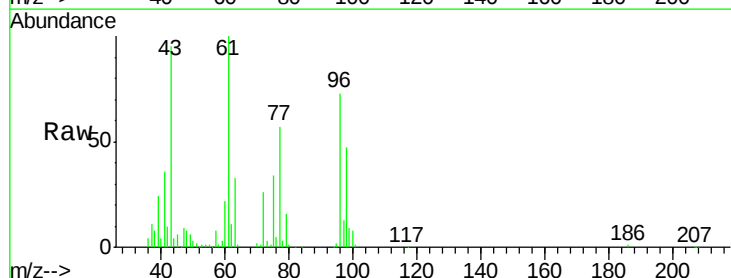
Acq: 15 May 2018 01:51

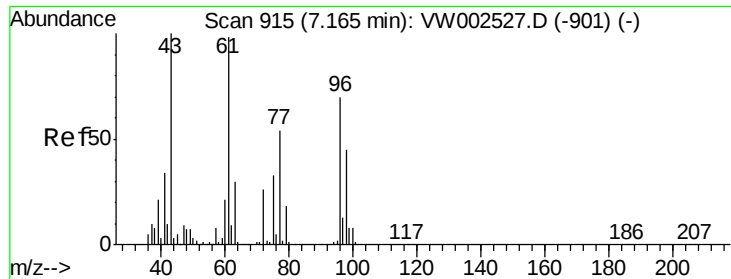
Tgt Ion: 77 Resp: 44103

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3





#27

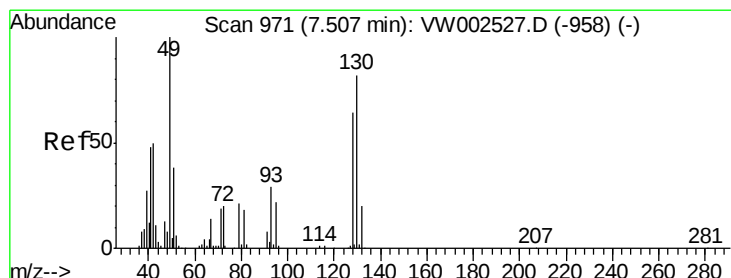
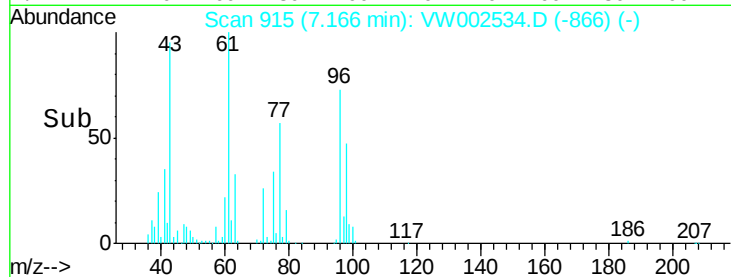
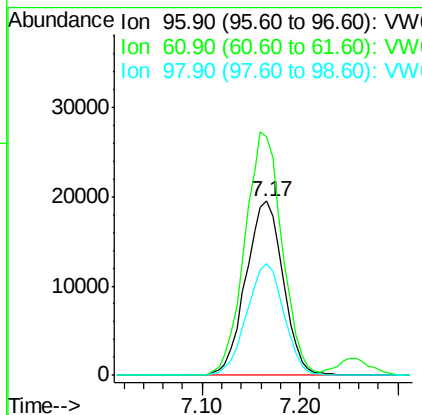
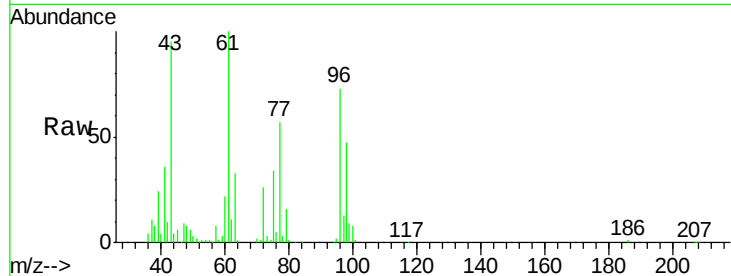
cis-1,2-Dichloroethene
Concen: 20.20 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	281.6
98	63.8	0.0	130.8

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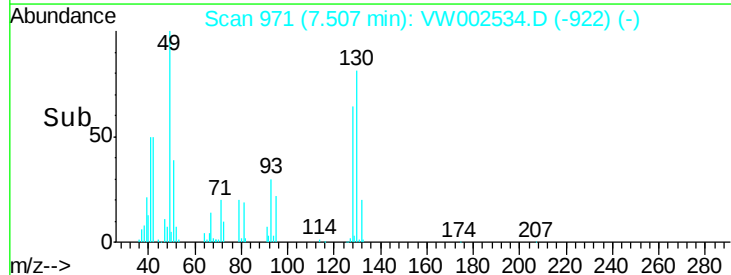
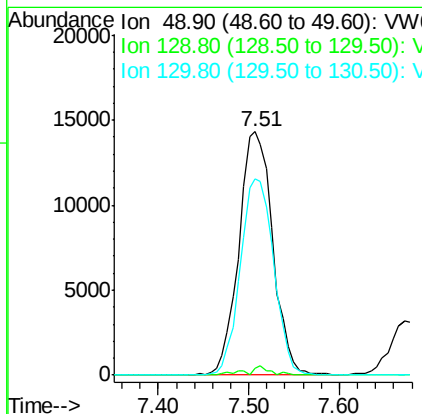
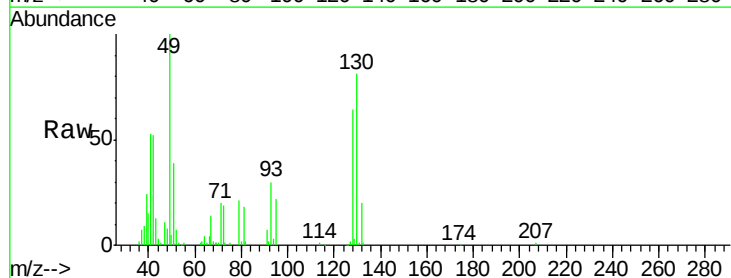
apatel
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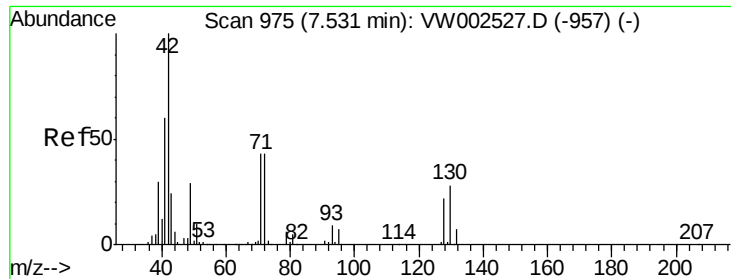


#28

Bromochloromethane
Concen: 20.19 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	80.0	64.7	97.1





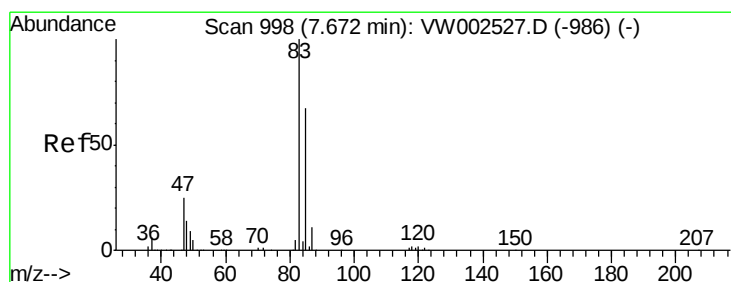
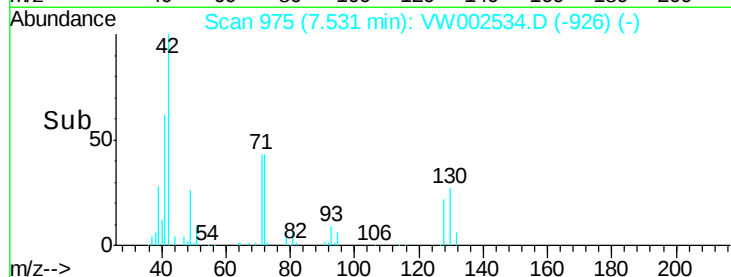
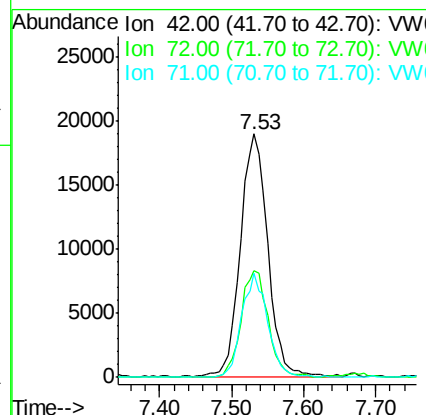
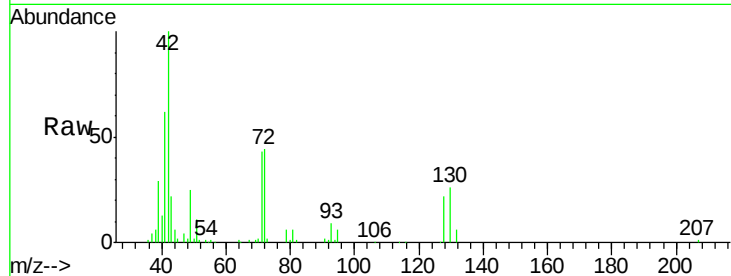
#29
Tetrahydrofuran
Concen: 106.26 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.0	52.4
71	40.0	33.0	49.6

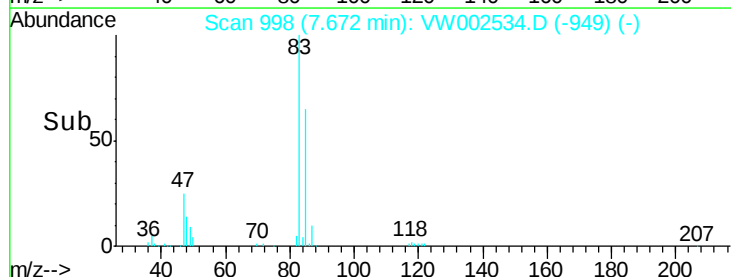
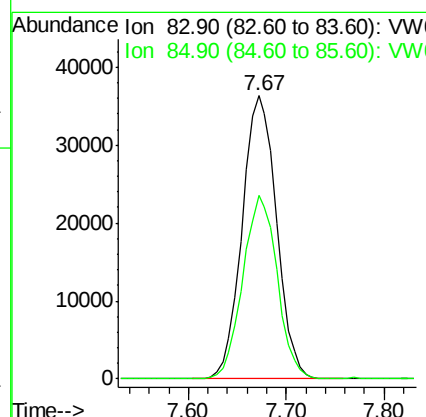
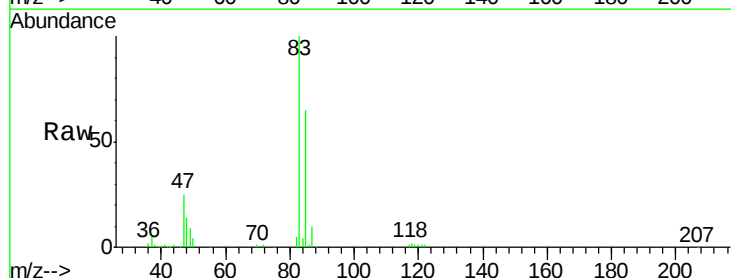
Manual Integrations
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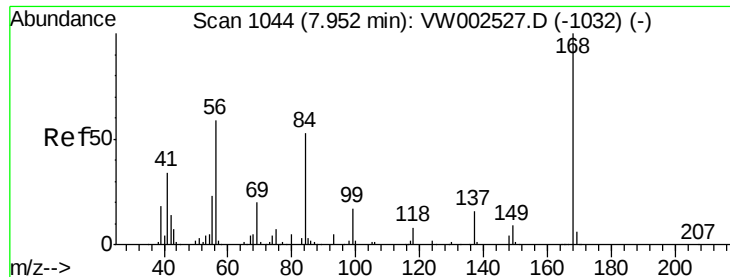
apatel
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#30
Chloroform
Concen: 20.21 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.9	80.9





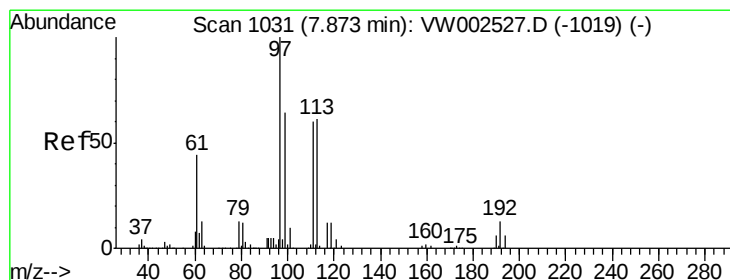
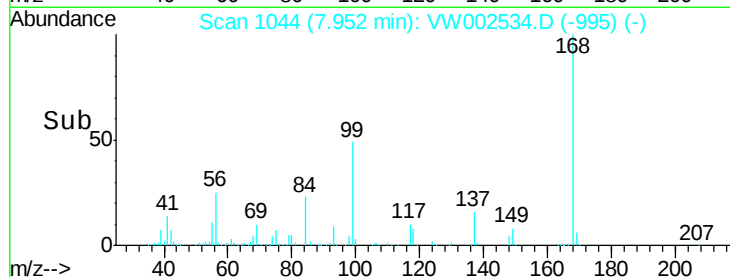
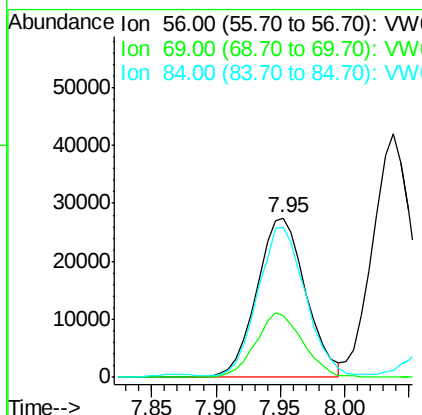
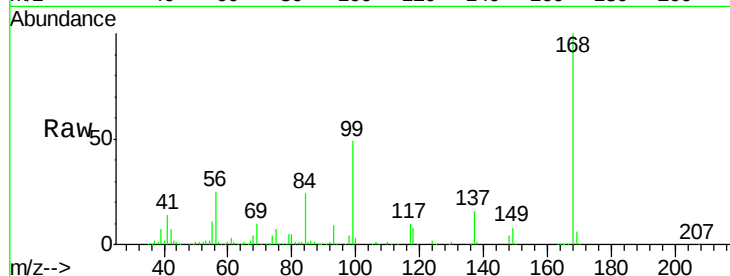
#31
Cyclohexane
Concen: 19.94 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.0	40.4
84	92.8	72.2	108.2

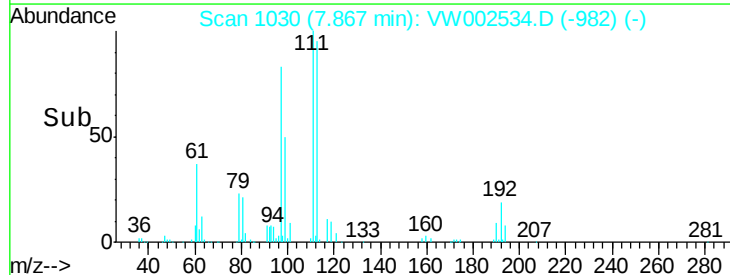
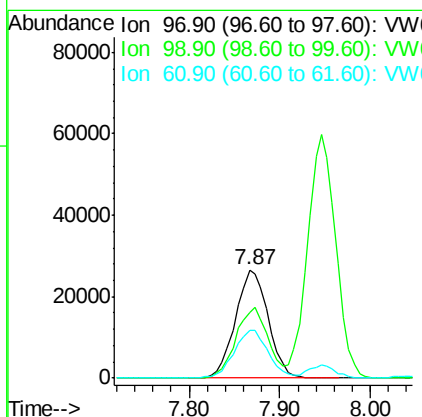
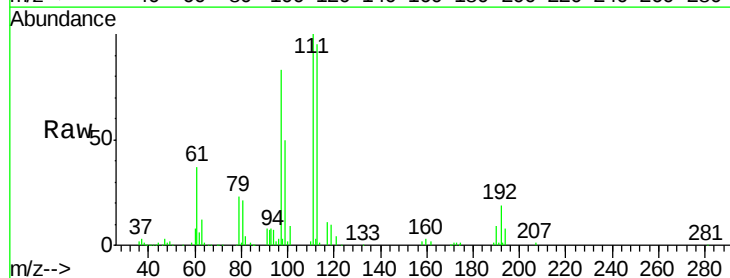
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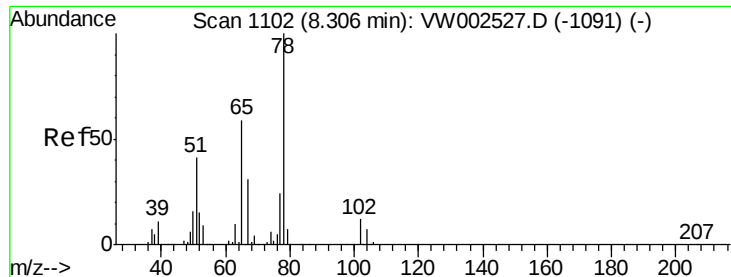
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#32
1,1,1-Trichloroethane
Concen: 20.11 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	45.5	35.9	53.9





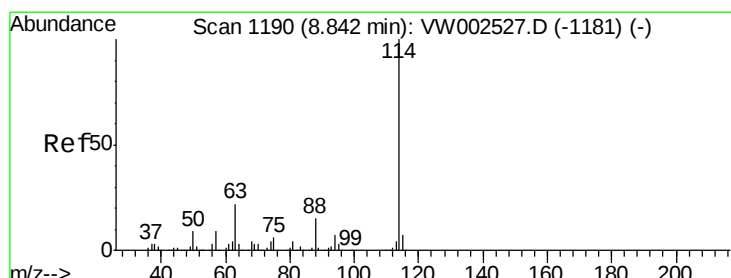
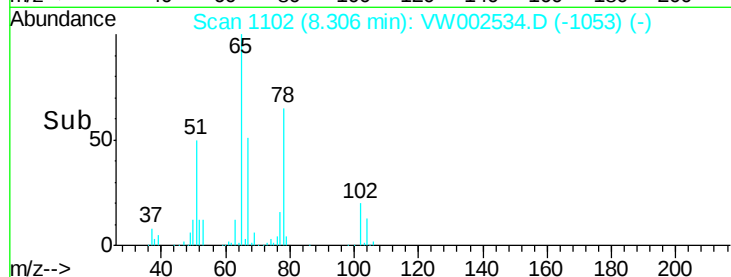
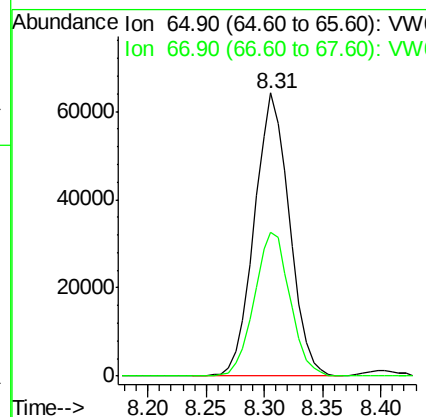
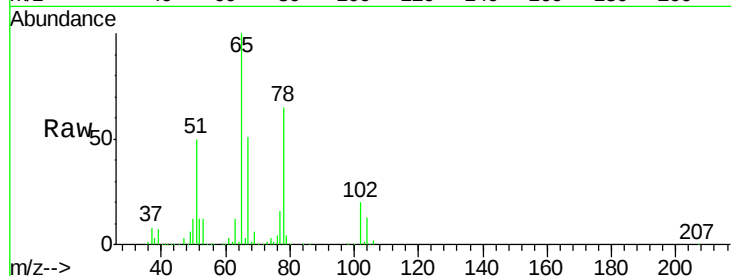
#33
 1,2-Dichloroethane-d4
 Concen: 52.65 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134695		
67	51.7	0.0	104.4	

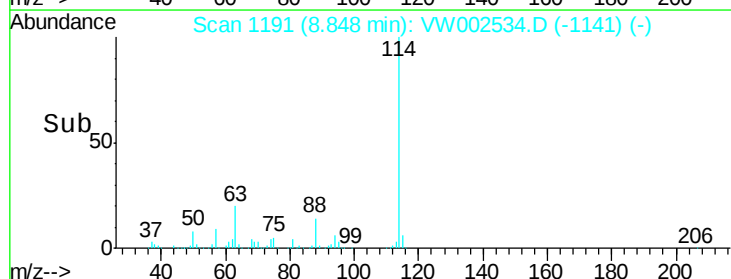
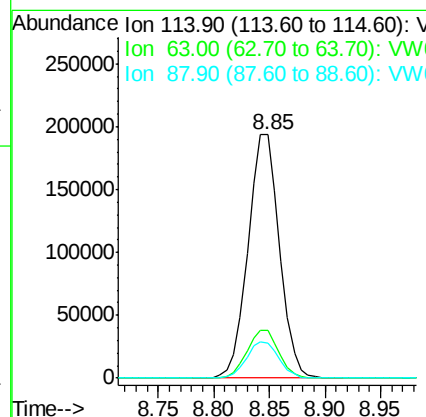
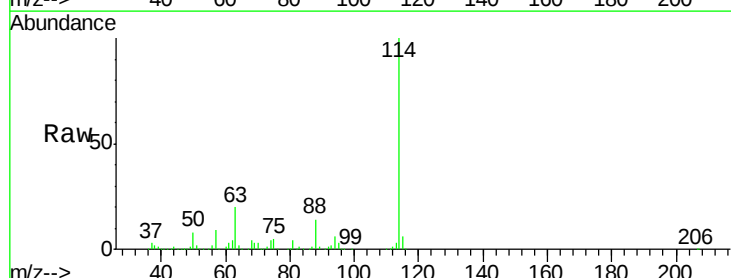
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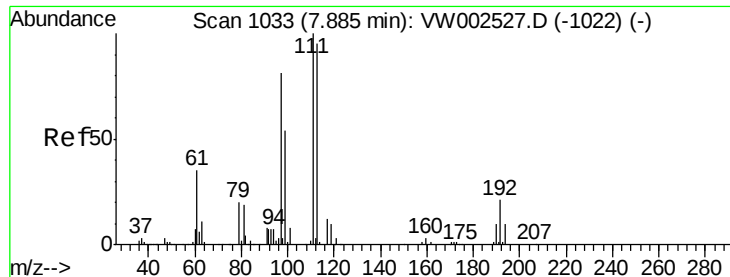
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	379785		
63	19.8	0.0	43.2	
88	14.5	0.0	29.2	





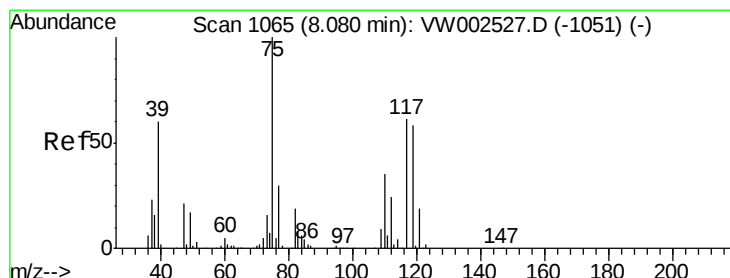
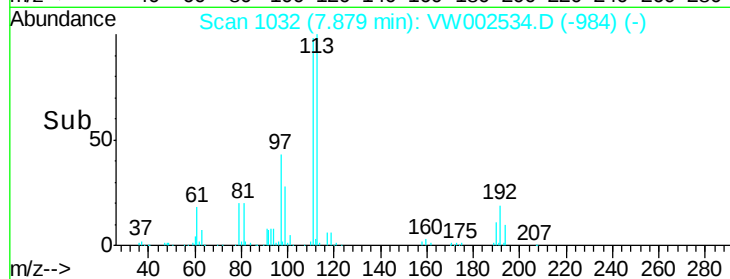
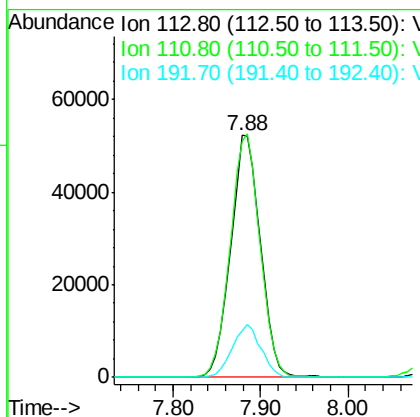
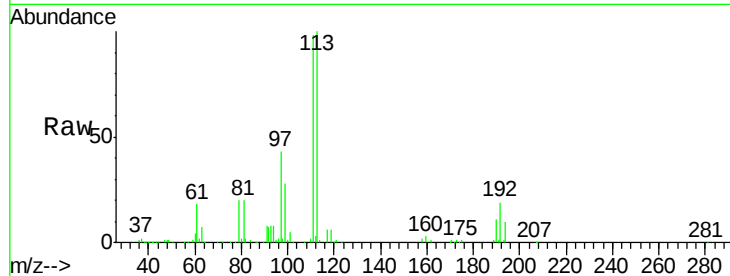
#35
 Dibromofluoromethane
 Concen: 51.28 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampled :
 VW0515SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123547		
111	100.9	81.8	122.8	
192	20.9	17.5	26.3	

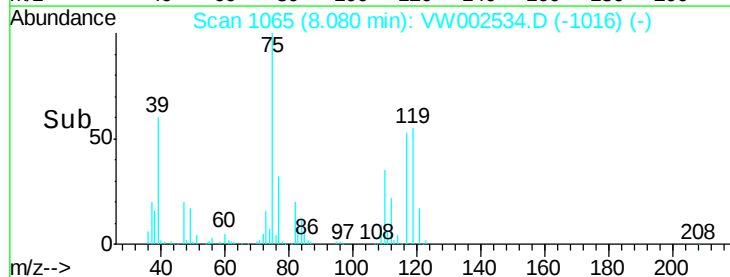
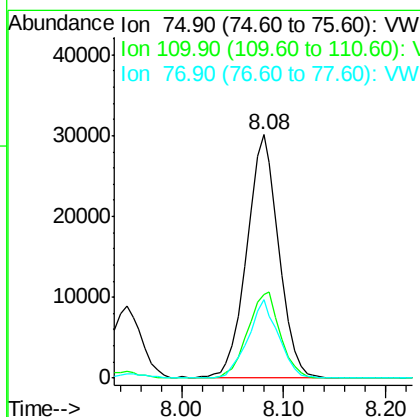
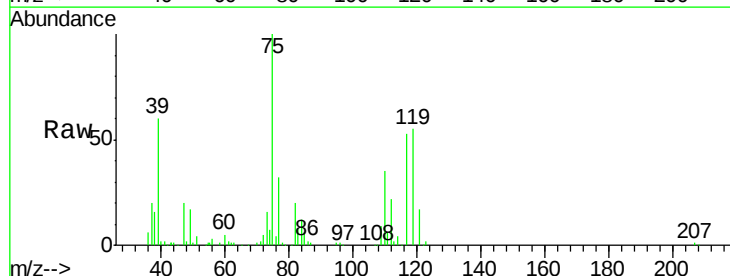
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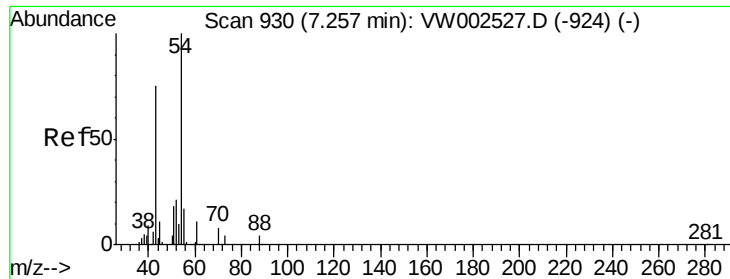
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.57 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65588		
110	36.0	17.8	53.5	
77	31.0	24.5	36.7	





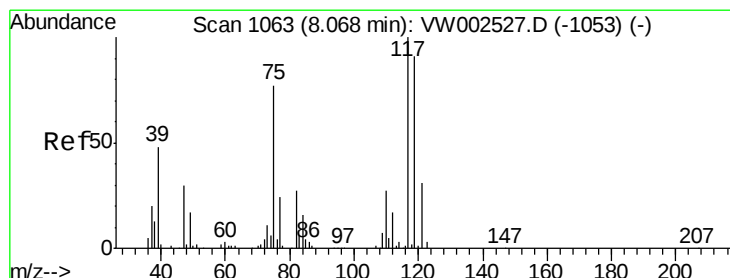
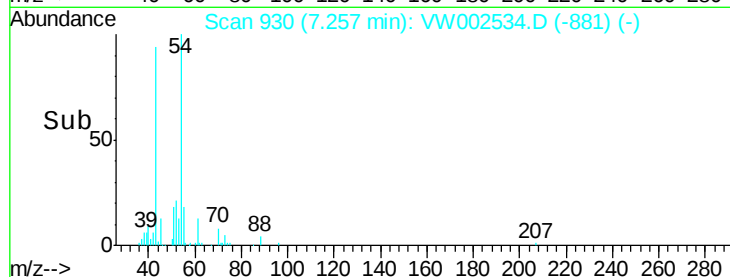
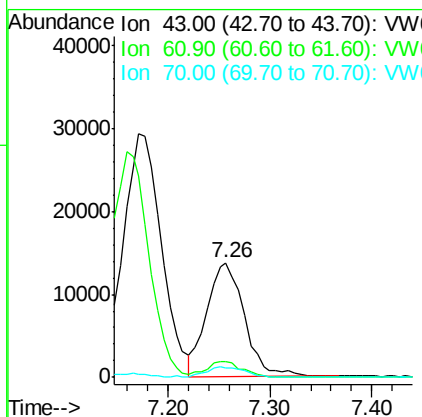
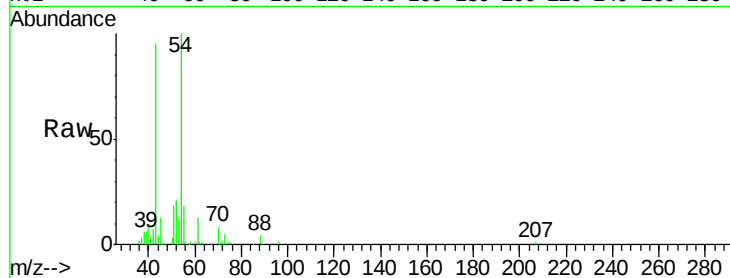
#37
Ethyl Acetate
Concen: 21.09 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	9.7	7.8	11.8

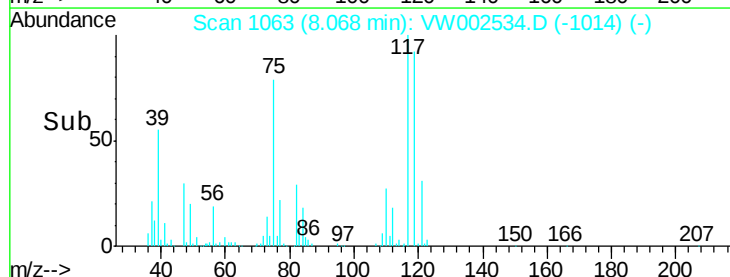
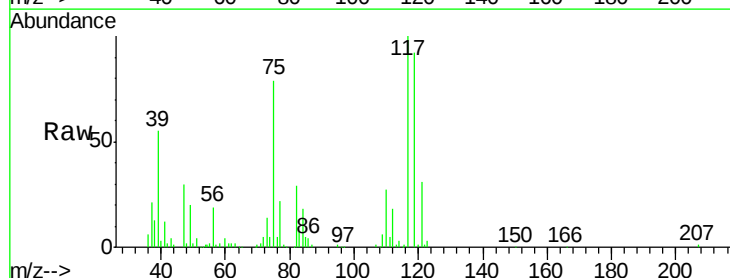
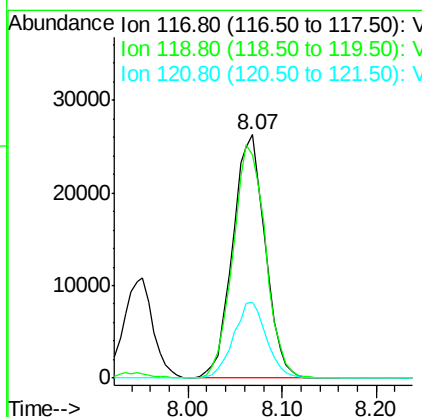
Manual Integrations
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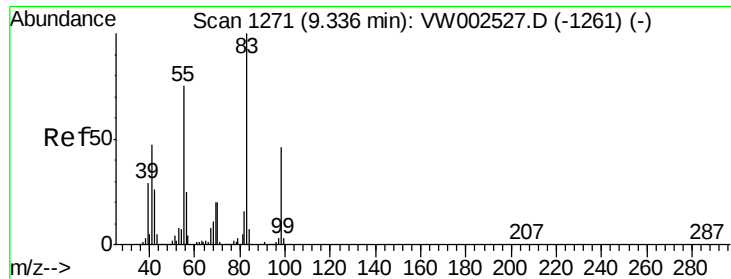
apatel
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#38
Carbon Tetrachloride
Concen: 19.27 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	73.1	109.7
121	31.0	24.4	36.6





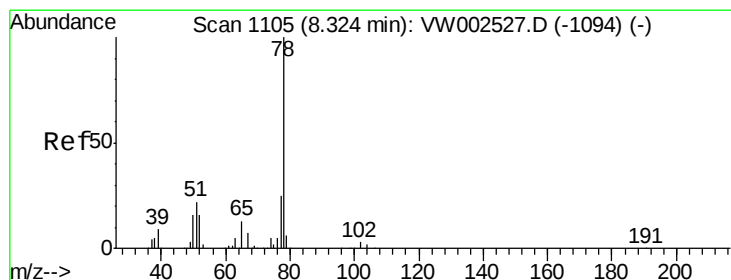
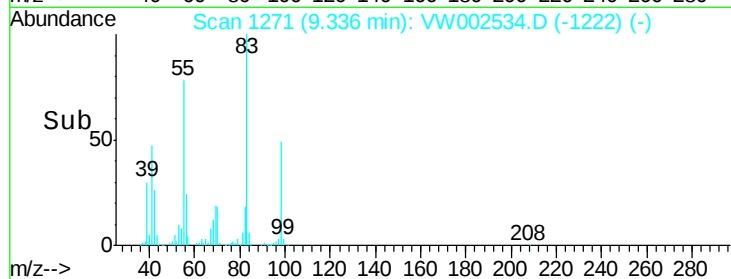
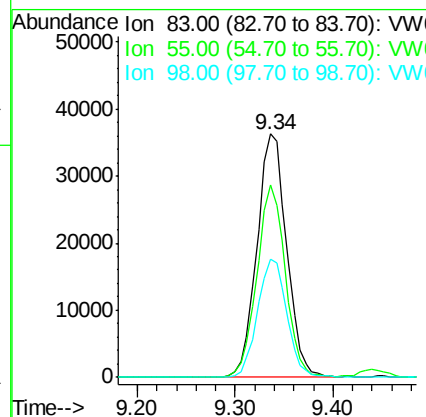
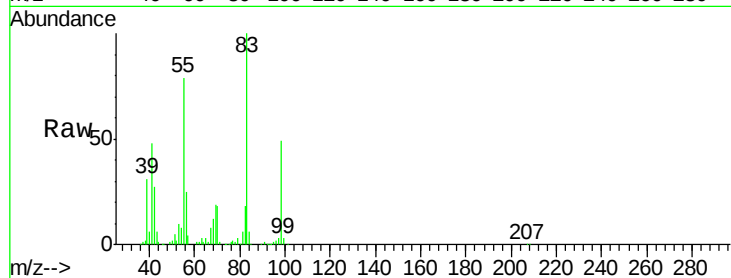
#39
Methvlcvclohexane
Concen: 19.94 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	60.0	90.0
98	48.6	37.0	55.4

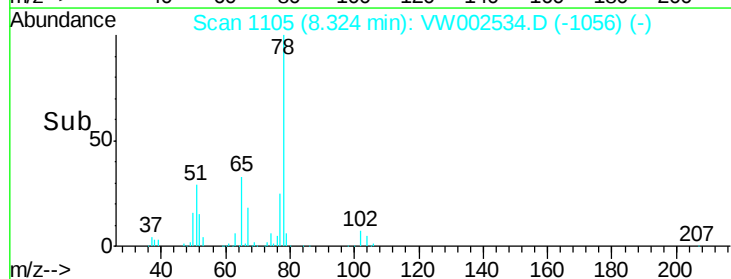
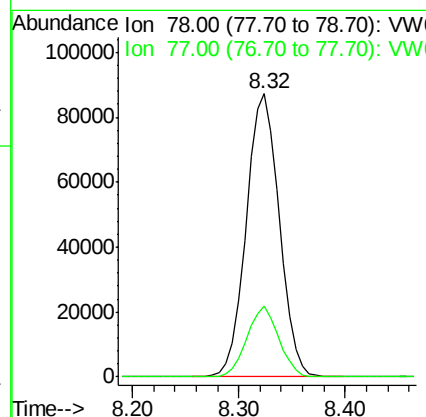
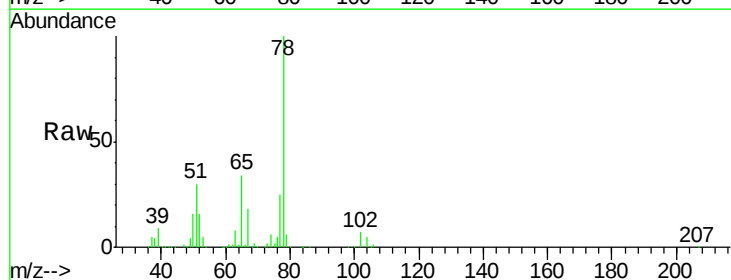
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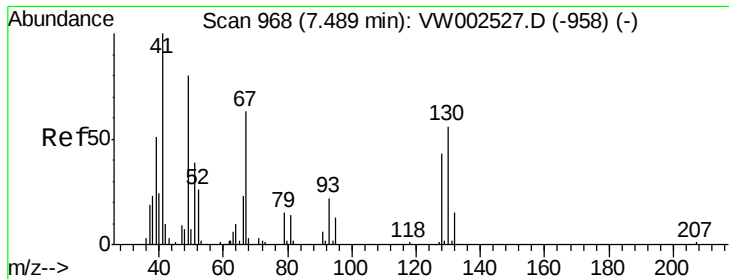
apatel
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#40
Benzene
Concen: 19.80 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.9	29.9





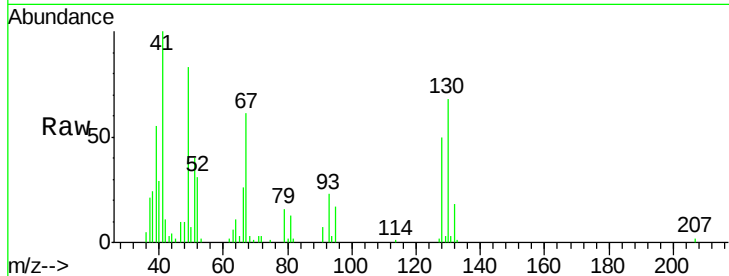
#41
Methacrylonitrile
Concen: 19.94 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

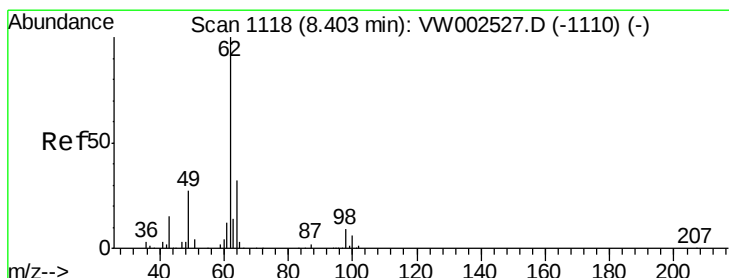
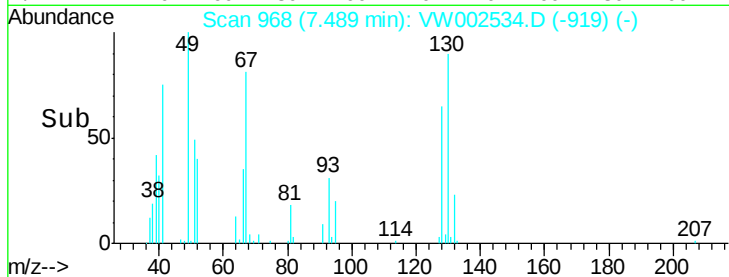
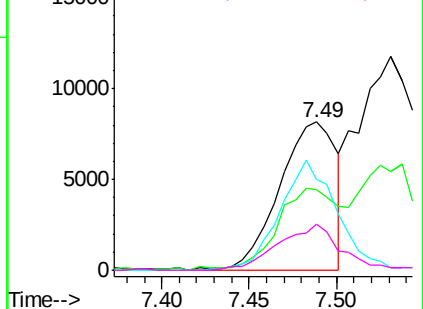
Tot Ion	41	Resp	18546
Ion Ratio	Lower	Upper	
41	100		
39	63.5	51.8	77.8
67	75.1	59.9	89.9
52	34.2	26.6	39.8

Manual Integrations
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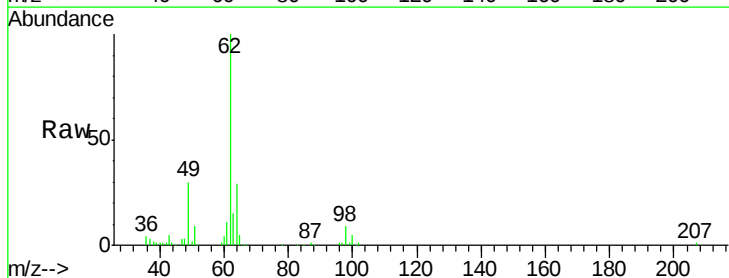


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

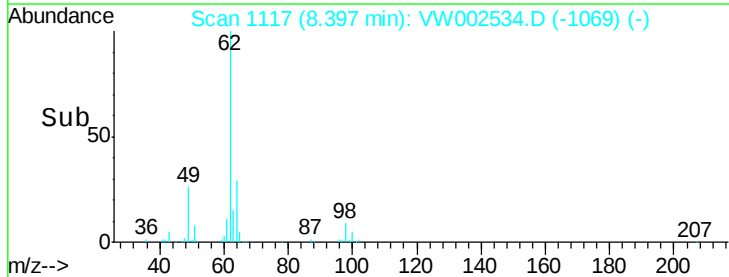
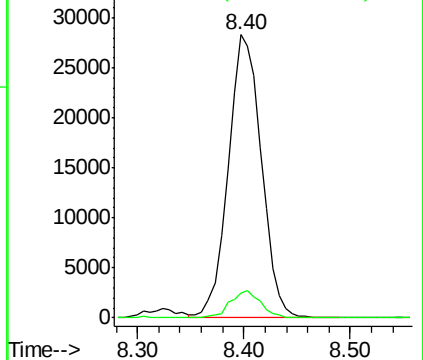


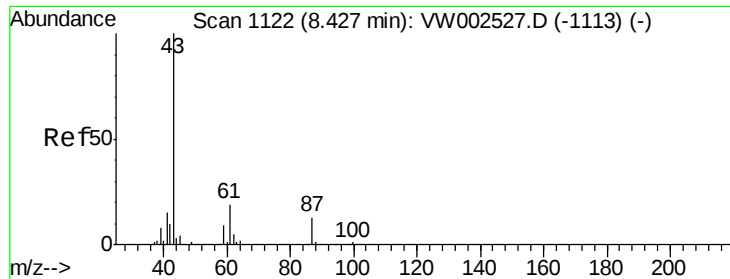
#42
1,2-Dichloroethane
Concen: 20.14 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	62	Resp	61542
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

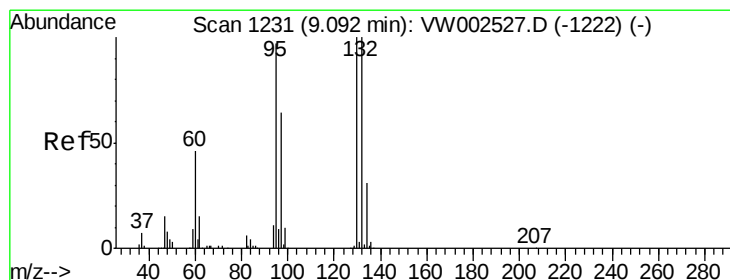
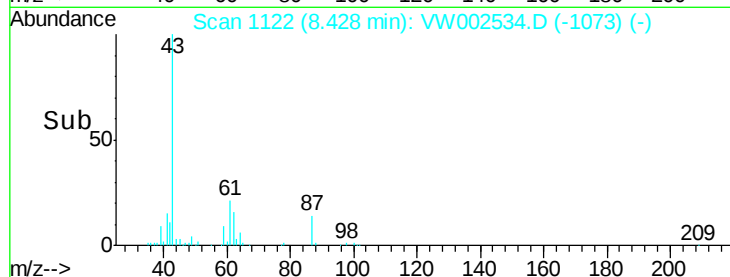
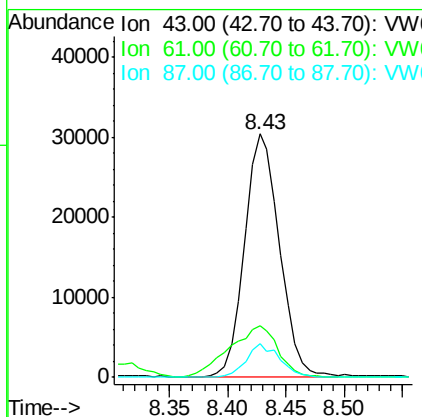
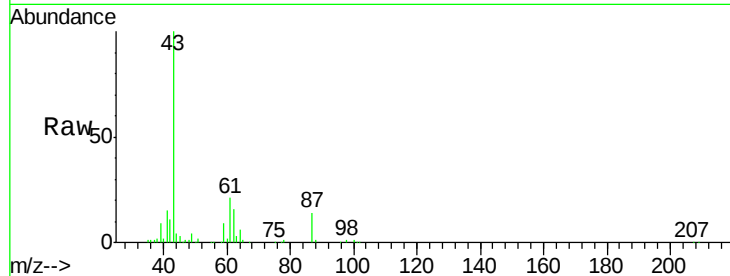
Isopropyl Acetate
 Concen: 19.84 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.0	34.6
87	13.4	10.6	15.8

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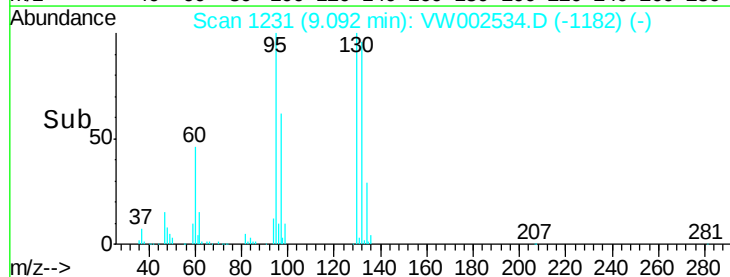
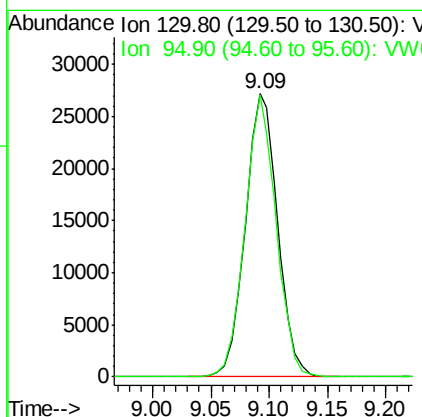
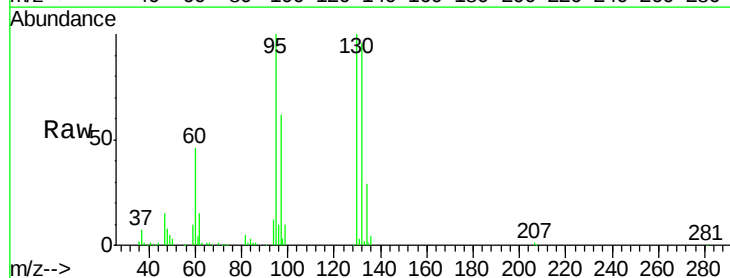
apatel
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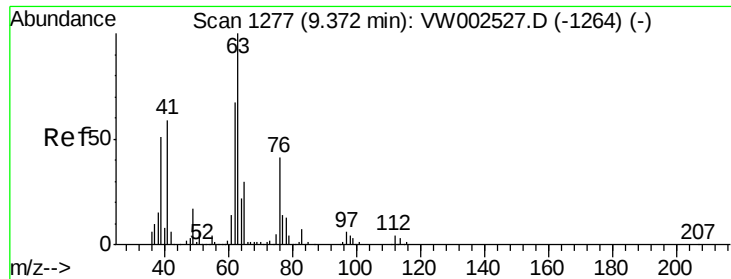


#44

Trichloroethene
 Concen: 19.92 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	194.6





#45

1,2-Dichloropropane

Concen: 19.53 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 63 Resp: 47875

Ion Ratio Lower Upper

63 100

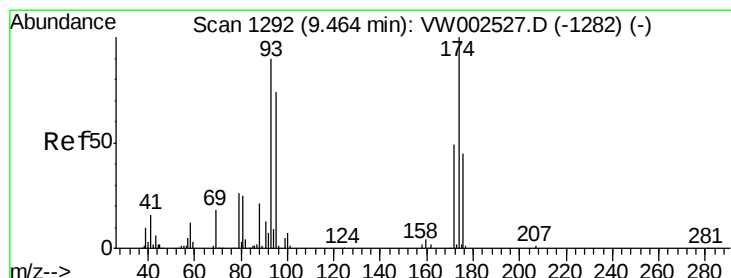
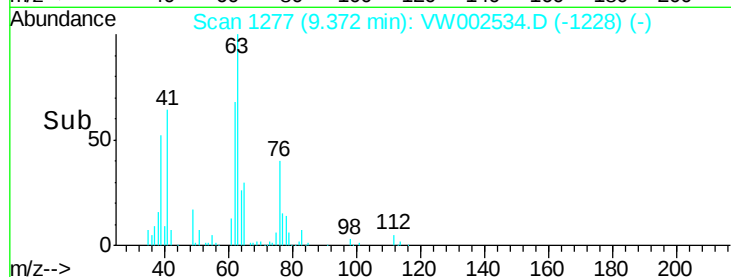
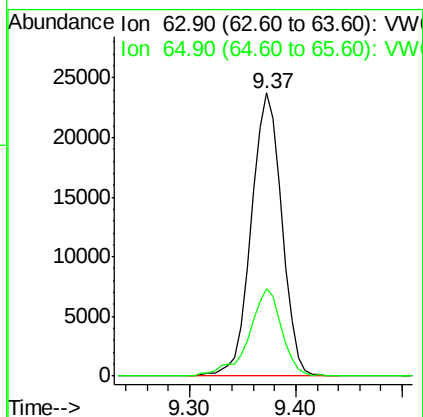
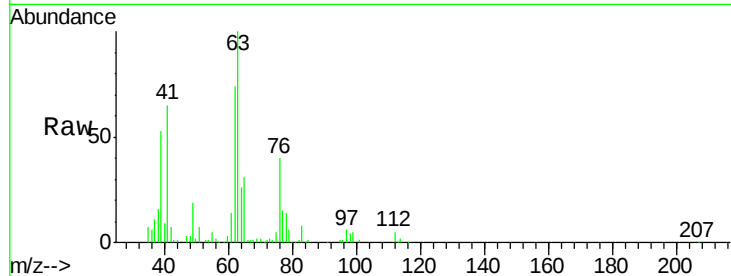
65 31.0 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.95 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

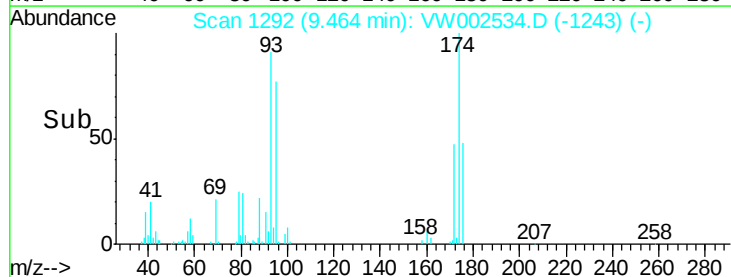
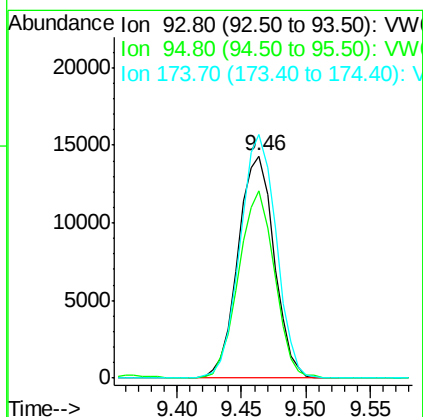
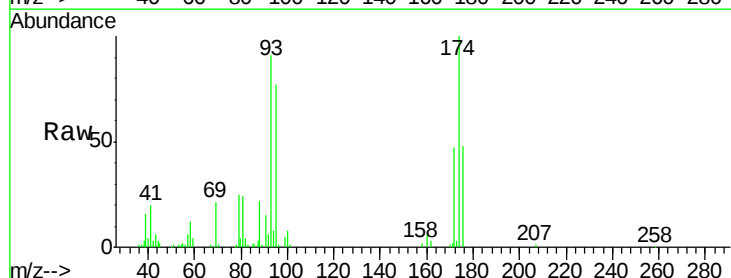
Tgt Ion: 93 Resp: 27840

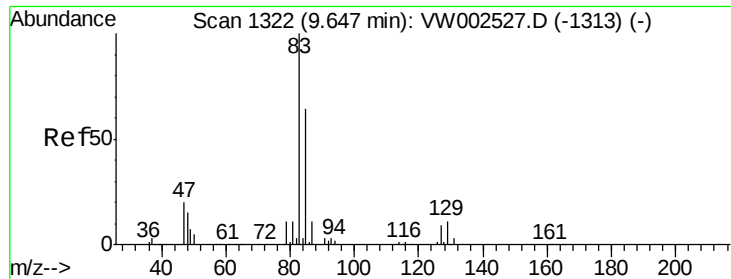
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 109.4 84.0 126.0





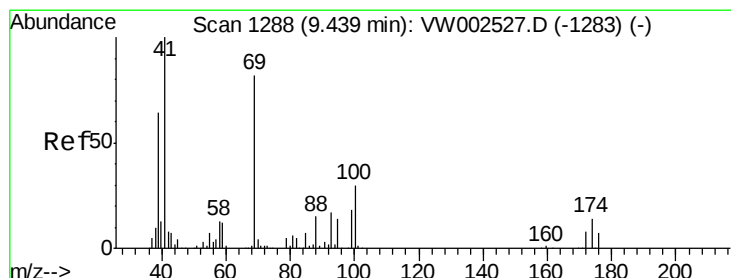
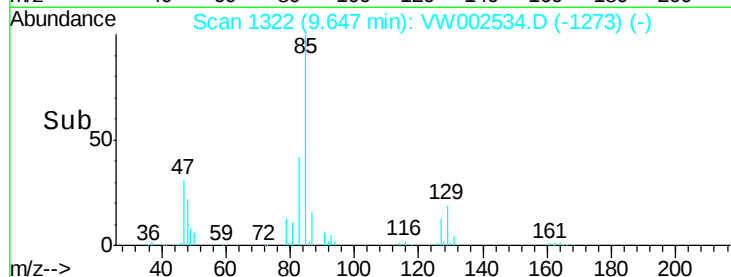
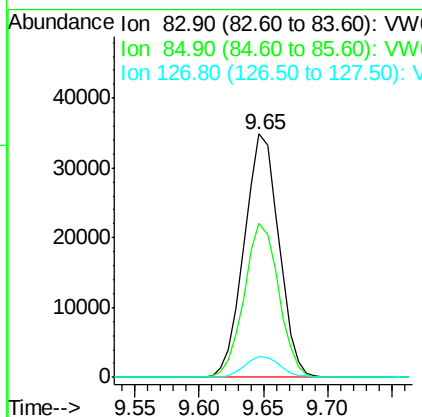
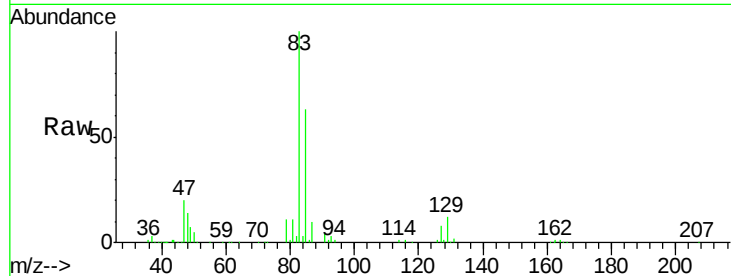
#47
Bromodichloromethane
Concen: 19.94 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion	83	Resp	64872
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	51.4	77.2
127	8.4	7.0	10.4

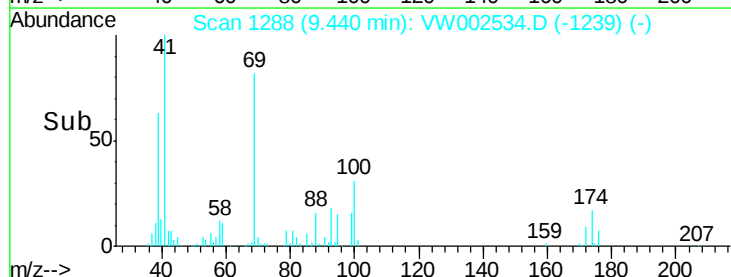
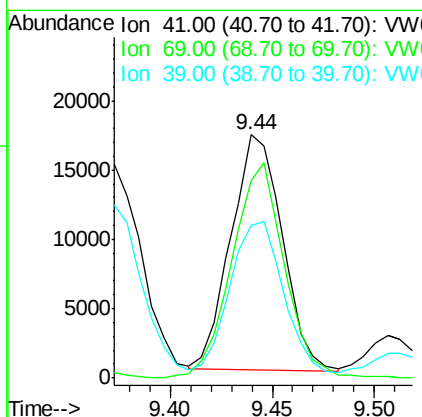
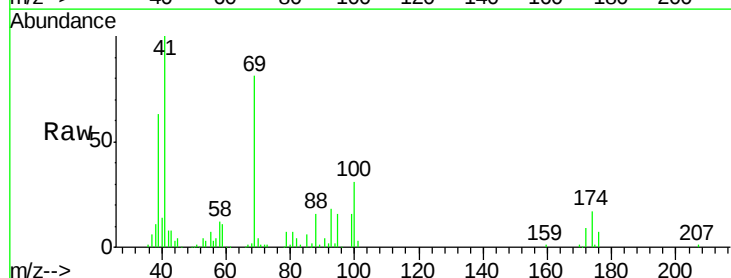
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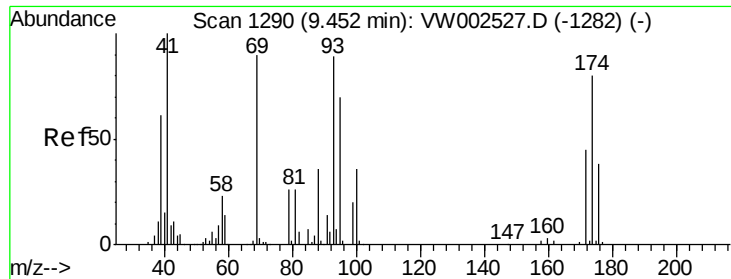
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#48
Methyl methacrylate
Concen: 19.16 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	41	Resp	29681
Ion Ratio	100	Lower	Upper
41	100		
69	93.8	69.7	104.5
39	70.9	55.0	82.4





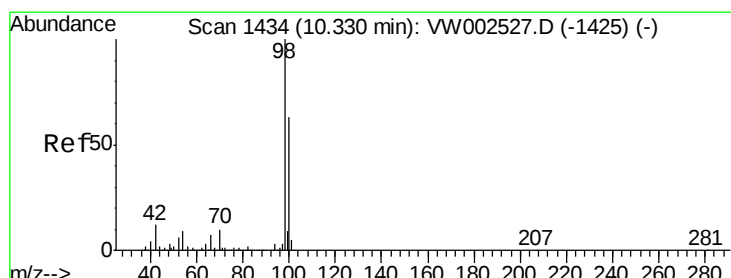
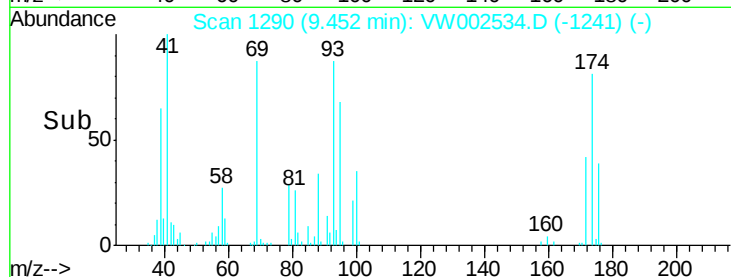
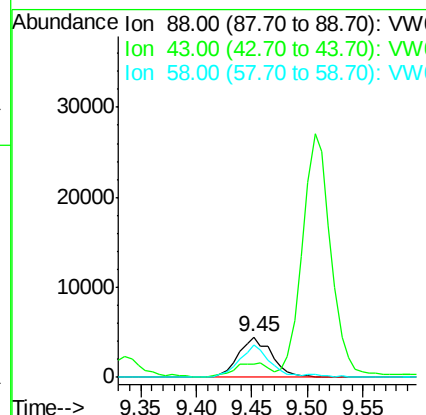
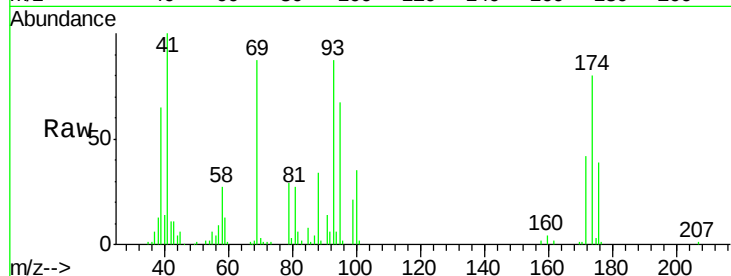
#49
1,4-Dioxane
Concen: 401.15 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampled :
VW0515SBSD01

Tot Ion	88	Resp	9328
Ion Ratio	Lower	Upper	
88	100		
43	36.6	27.0	40.4
58	72.2	56.9	85.3

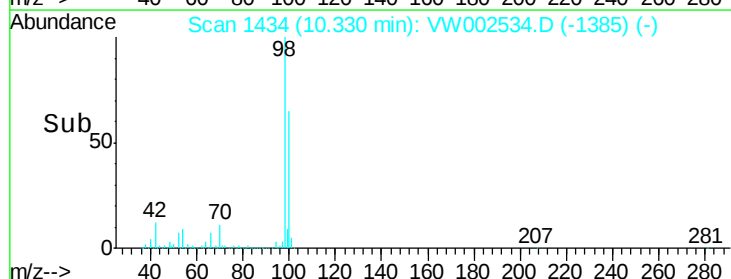
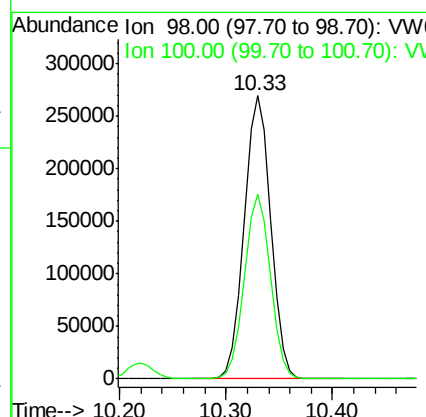
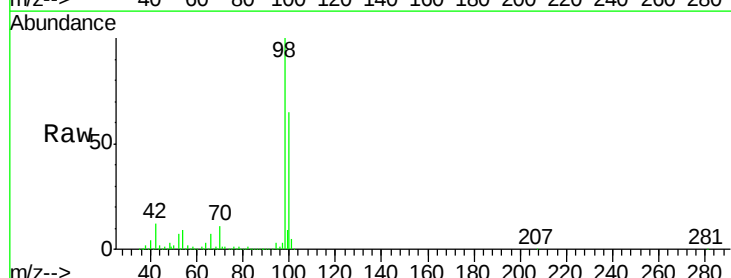
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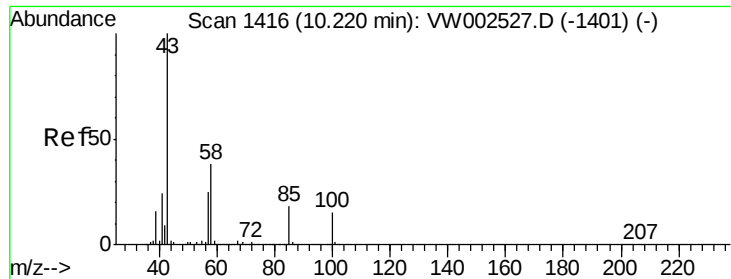
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#50
Toluene-d8
Concen: 51.57 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	98	Resp	472687
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.0	76.4





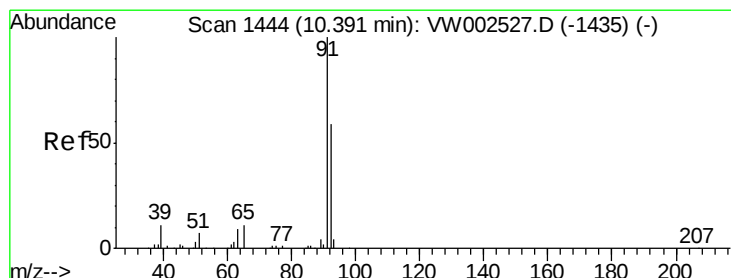
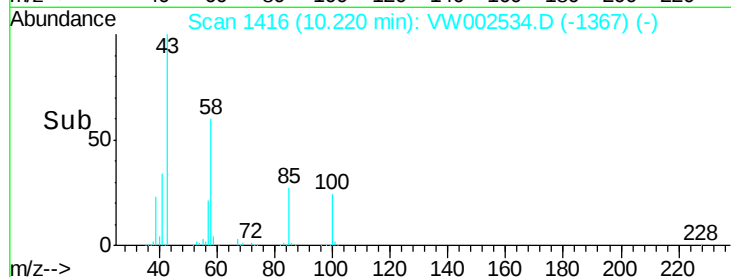
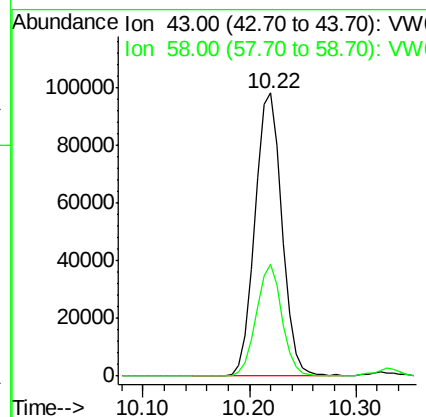
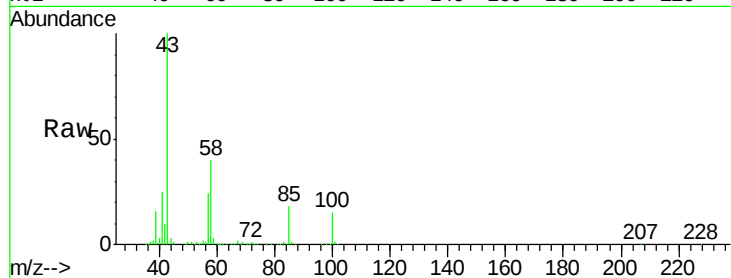
#51
 4-Methyl-2-Pentanone
 Concen: 99.55 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Tot Ion: 43 Resp: 174736
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.1 45.1

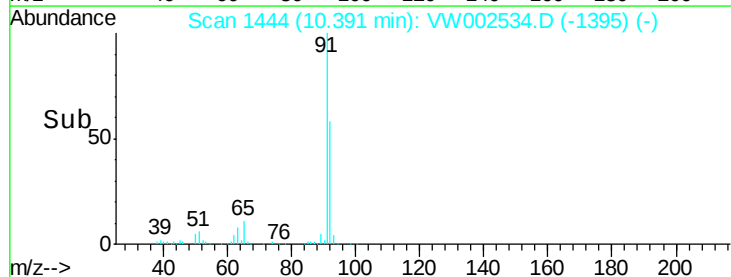
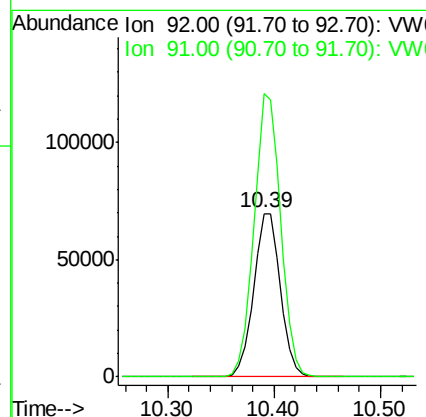
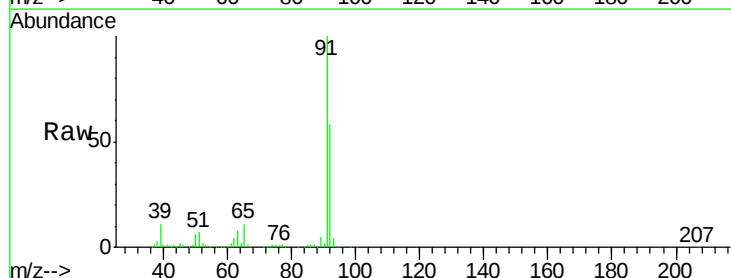
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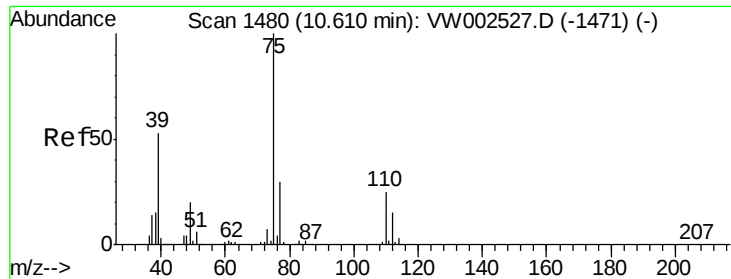
apatel
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#52
 Toluene
 Concen: 20.15 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion: 92 Resp: 122579
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.03 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 75 Resp: 62615

Ion Ratio Lower Upper

75 100

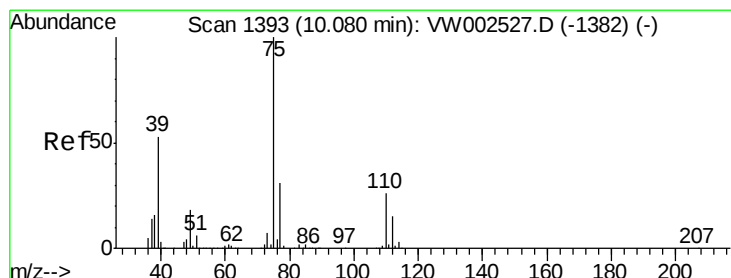
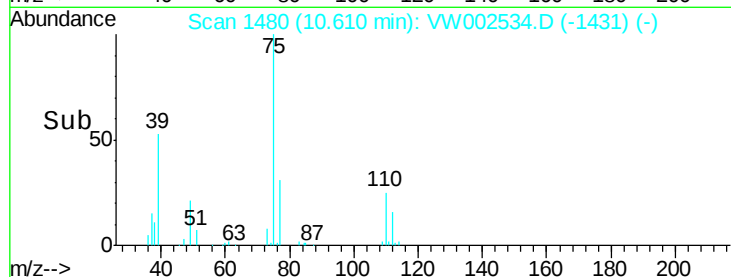
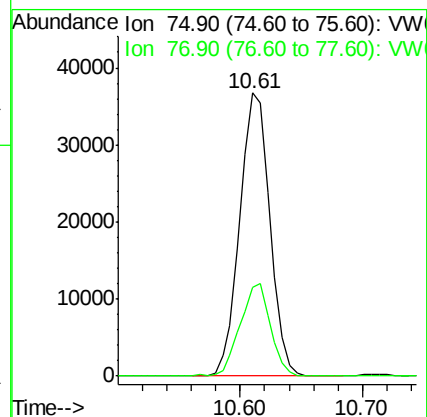
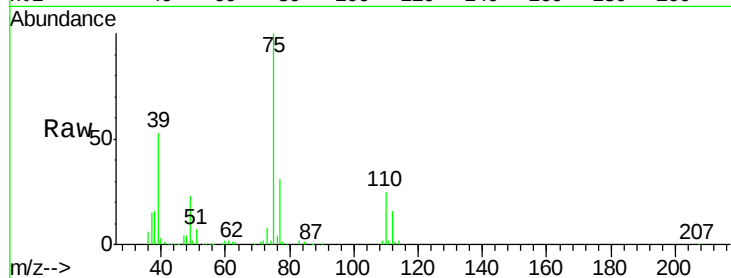
77 31.3 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 19.63 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

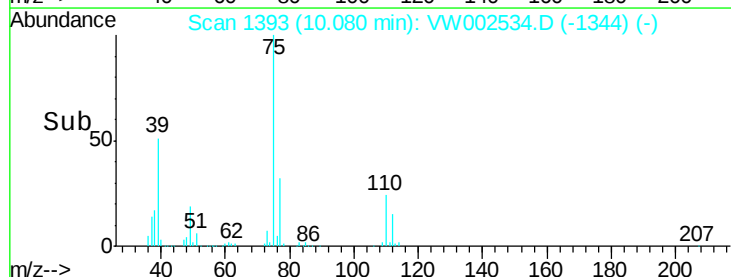
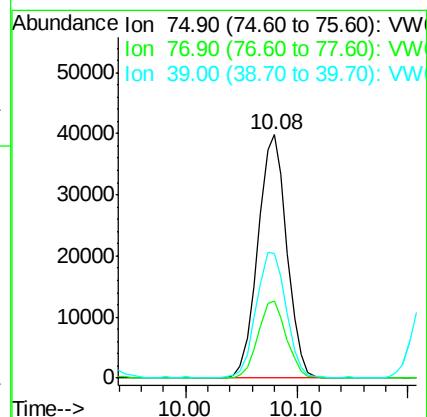
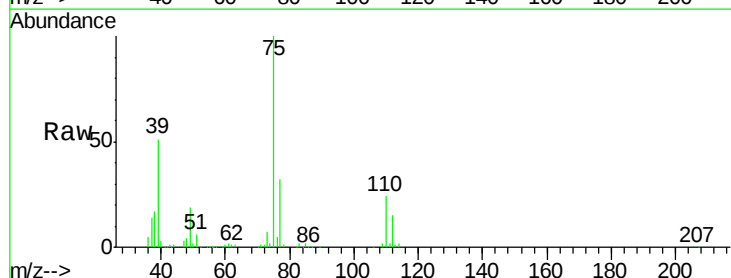
Tgt Ion: 75 Resp: 71997

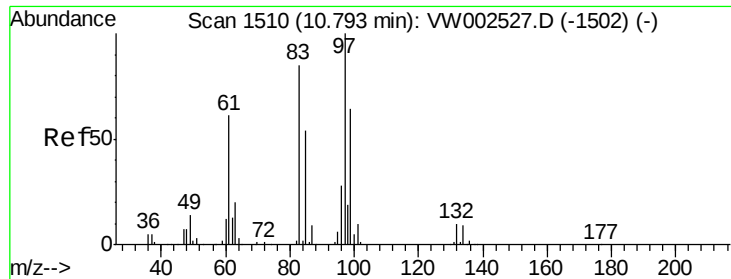
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 50.8 42.5 63.7





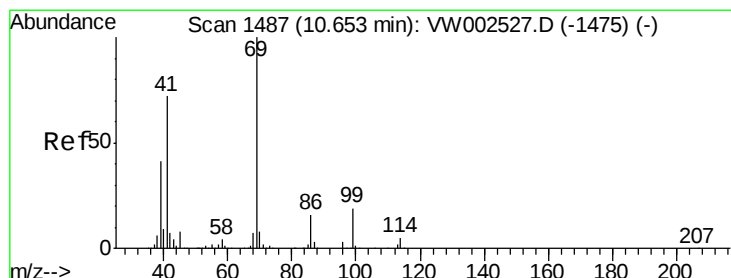
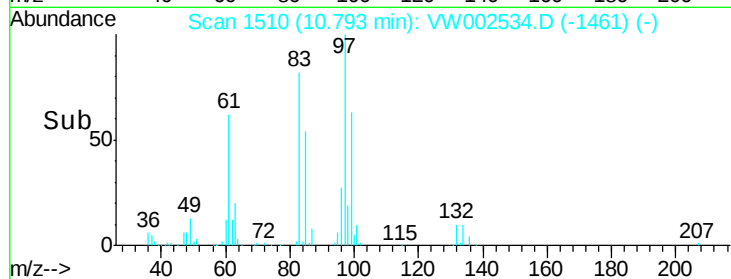
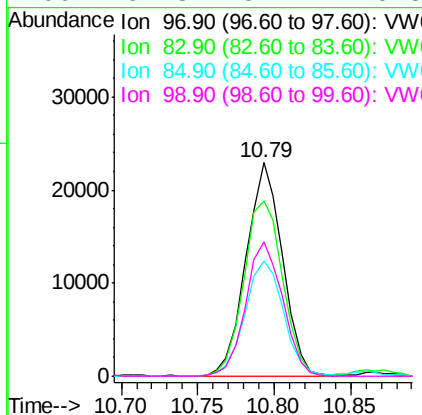
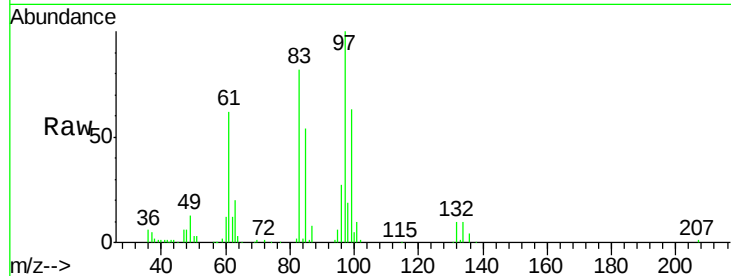
#55
 1,1,2-Trichloroethane
 Concen: 19.31 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion:	97	Resp:	37957
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	54.2	43.6	65.4
99	62.8	51.2	76.8

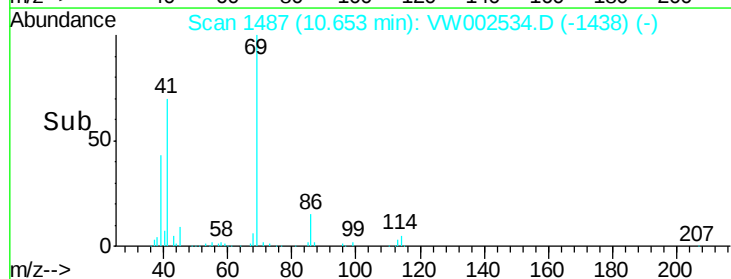
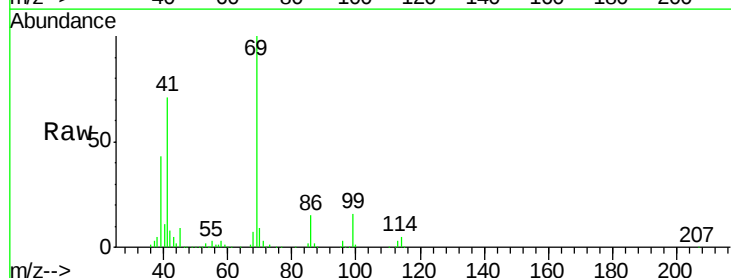
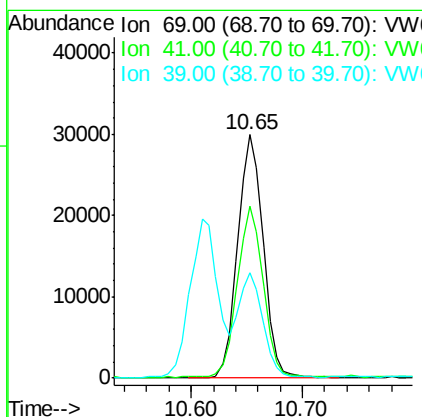
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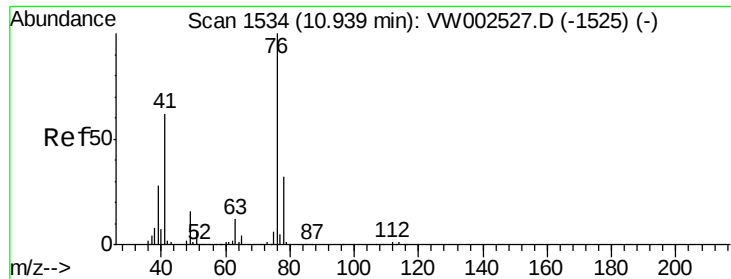
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#56
 Ethyl methacrylate
 Concen: 19.97 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion:	69	Resp:	47849
Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.3	82.9
39	41.3	33.0	49.6





#57

1,3-Dichloropropane

Concen: 20.20 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 76 Resp: 65861

Ion Ratio Lower Upper

76 100

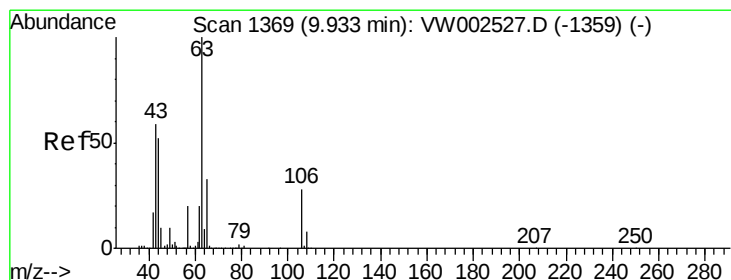
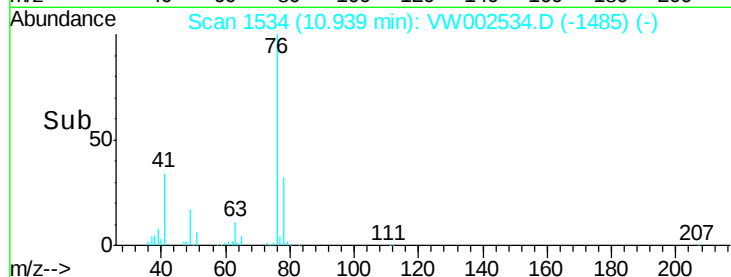
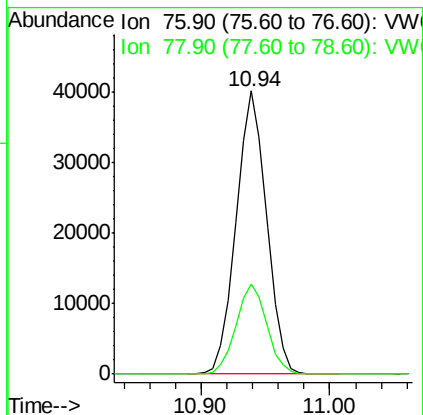
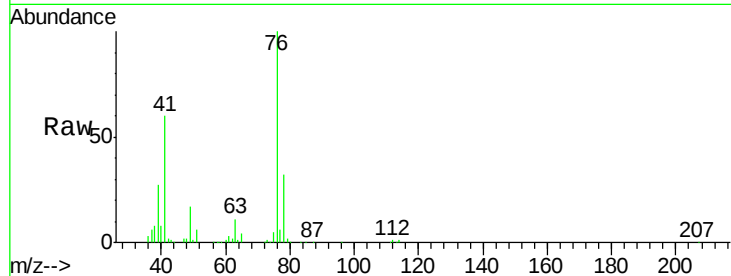
78 32.2 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 103.98 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW002534.D

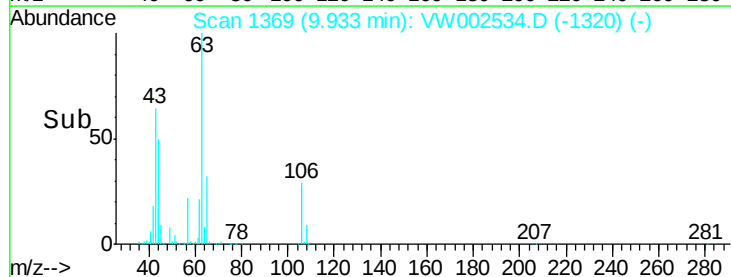
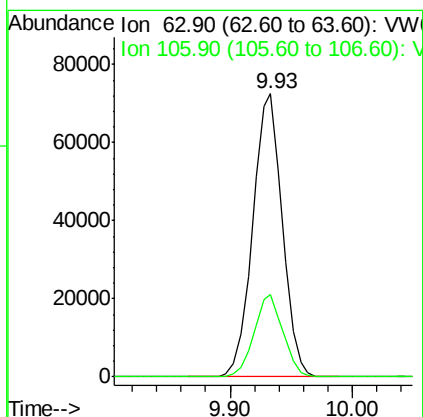
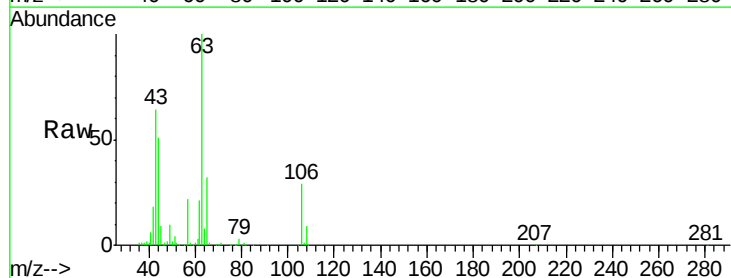
Acq: 15 May 2018 01:51

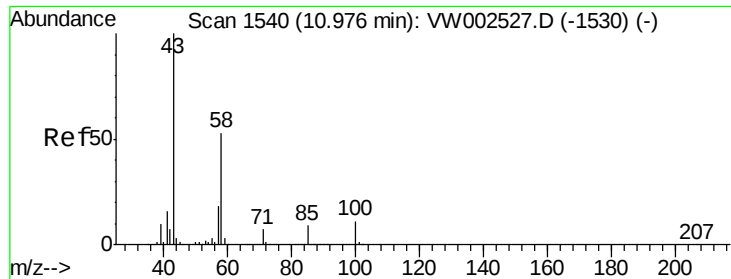
Tgt Ion: 63 Resp: 122283

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3





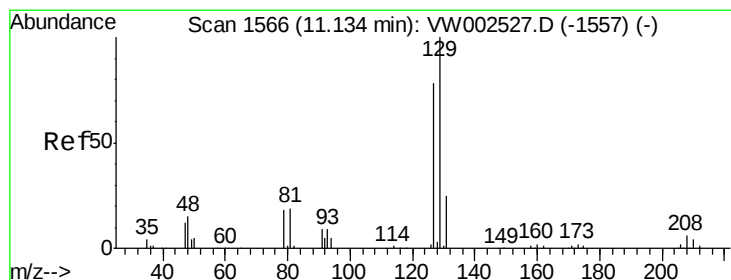
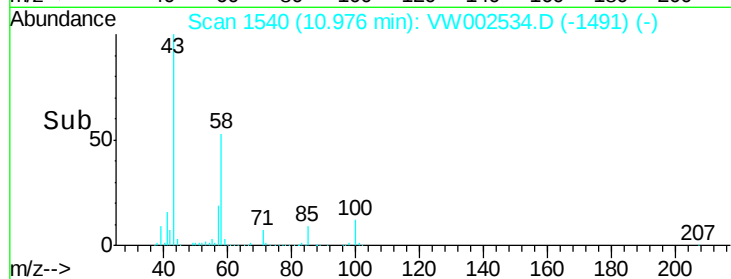
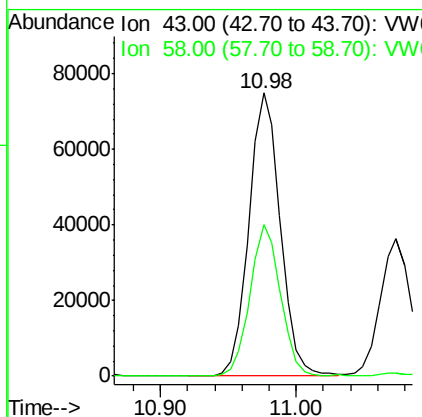
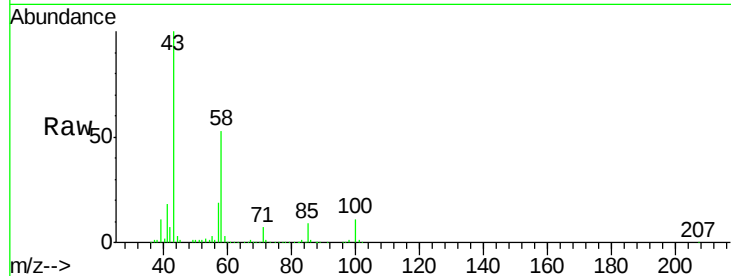
#59
2-Hexanone
Concen: 99.81 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion: 43 Resp: 120953
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.8

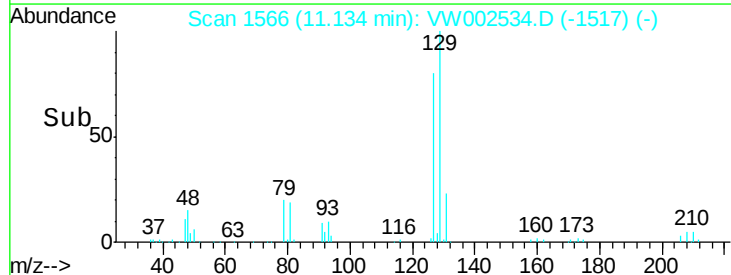
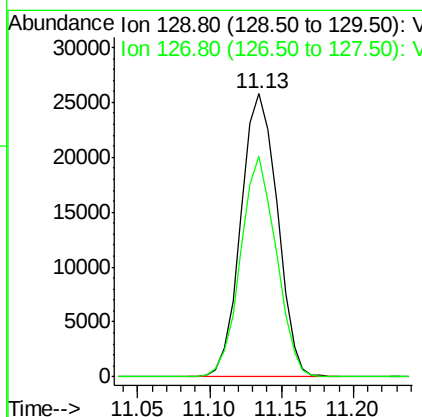
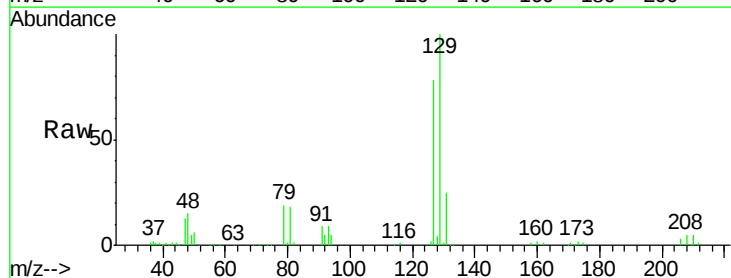
Manual Integrations
APPROVED

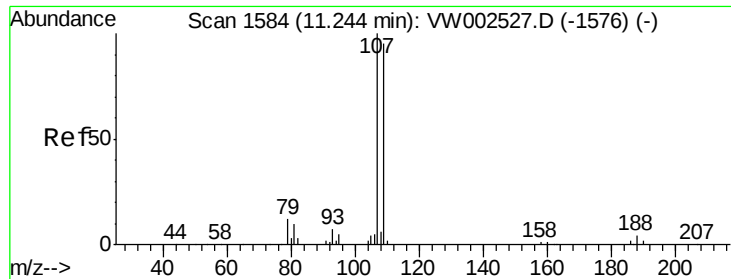
apatel
5/15/2018 6:12:17 PM



#60
Dibromochloromethane
Concen: 19.54 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion: 129 Resp: 45333
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7





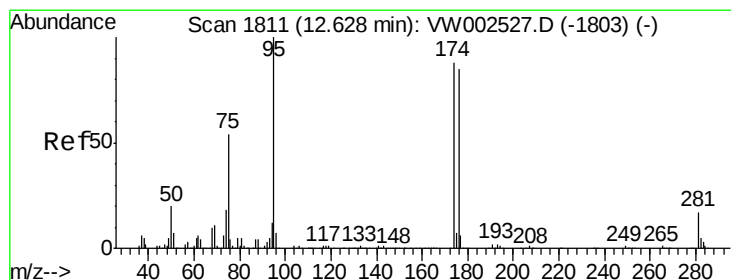
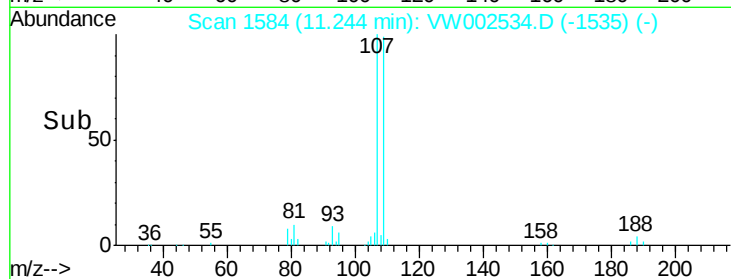
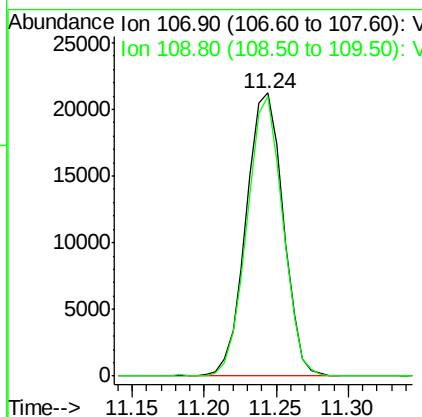
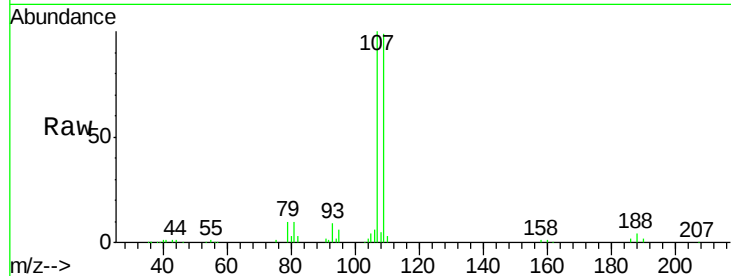
#61
 1,2-Dibromoethane
 Concen: 19.98 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.2

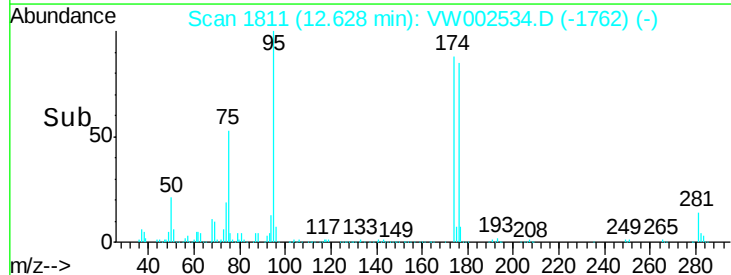
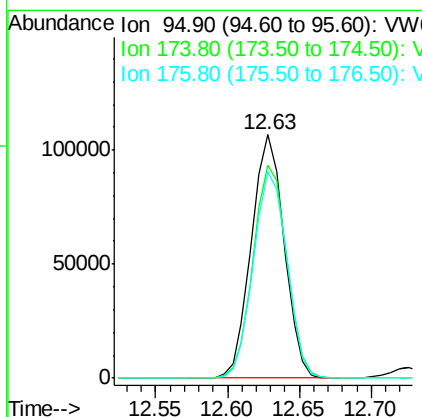
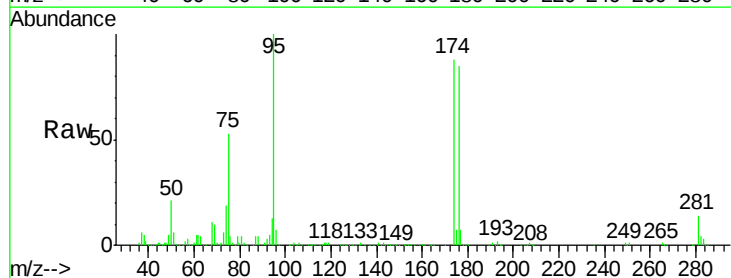
Manual Integrations
 APPROVED

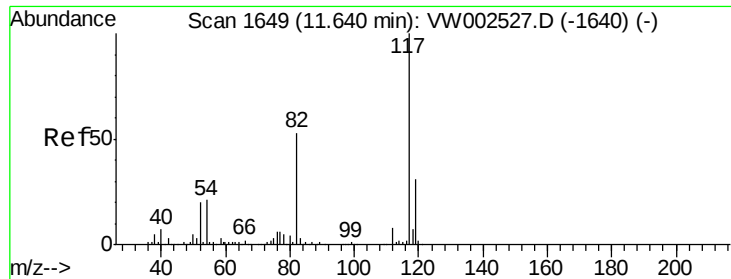
apatel
 5/15/2018 6:12:17 PM



#62
 4-Bromofluorobenzene
 Concen: 49.99 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	176.6
176	87.0	0.0	172.2





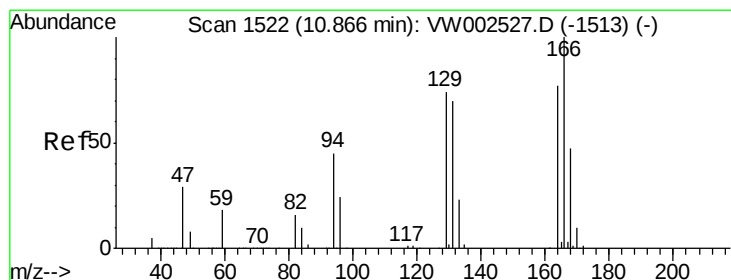
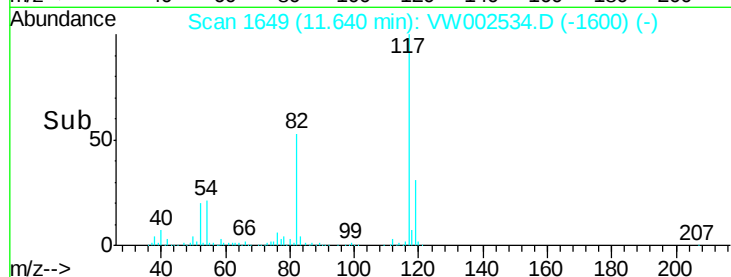
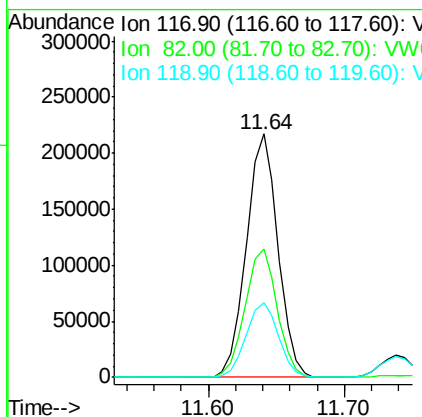
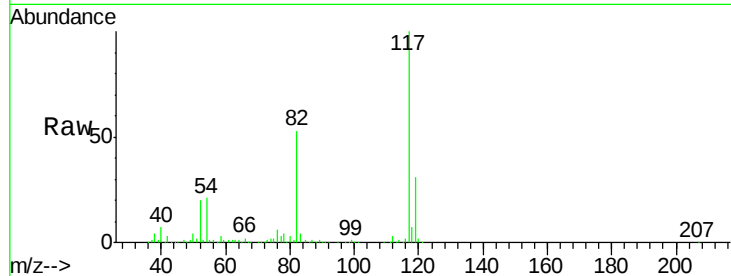
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	64.0
119	30.9	25.0	37.6

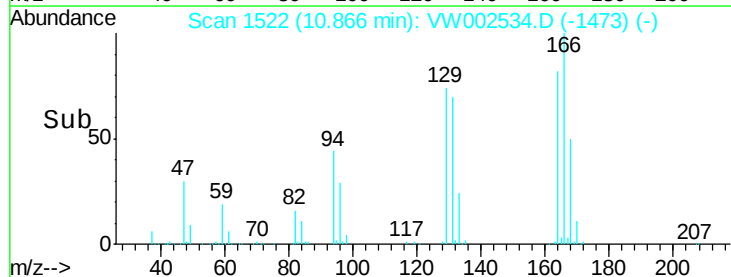
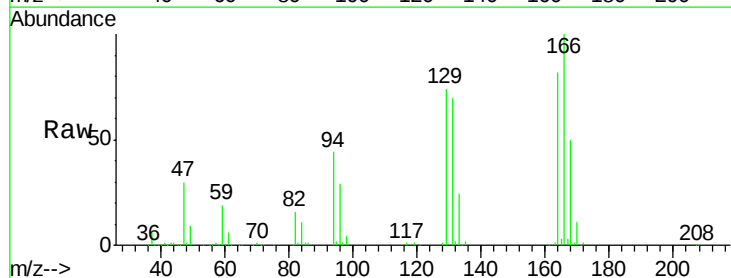
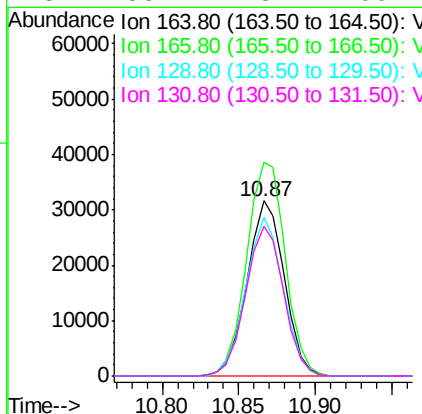
Manual Integrations
APPROVED

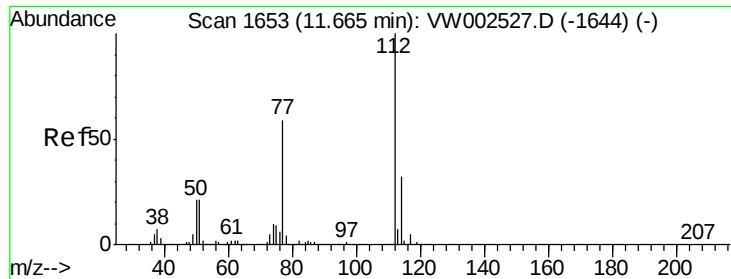
apatel
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#64
Tetrachloroethene
Concen: 21.59 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	104.2	156.2
129	90.3	77.0	115.4
131	85.4	73.1	109.7





#65

Chlorobenzene

Concen: 19.86 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion:112 Resp: 139413

Ion Ratio Lower Upper

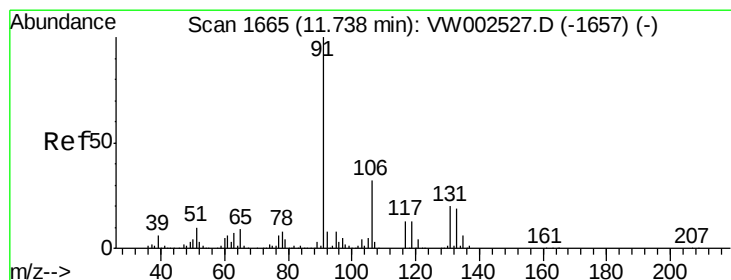
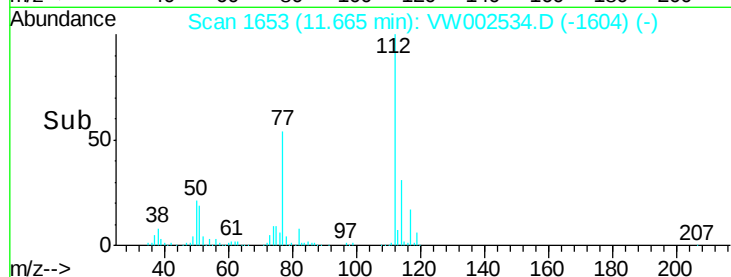
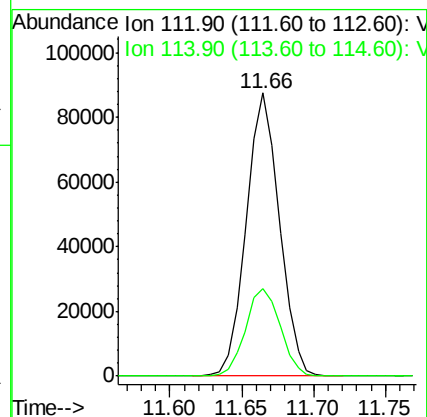
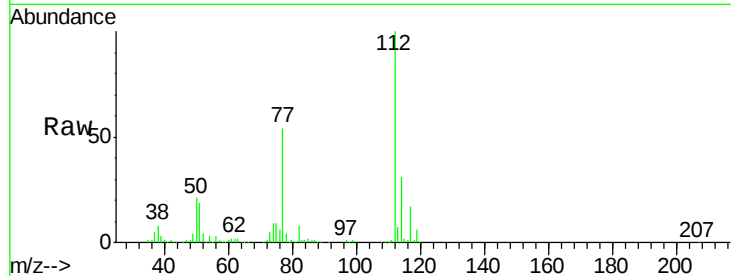
112 100

114 31.1 25.3 37.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.49 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

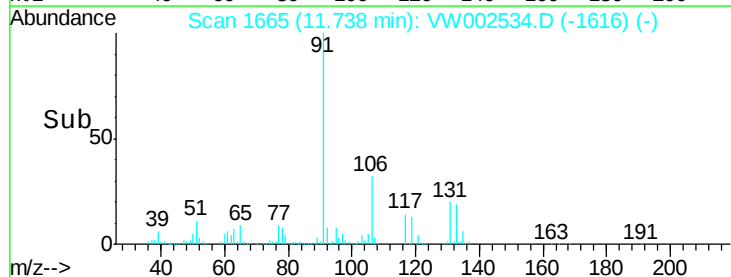
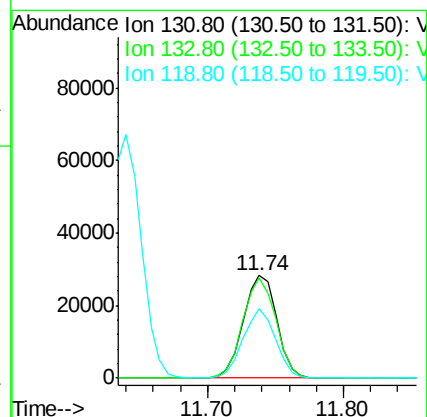
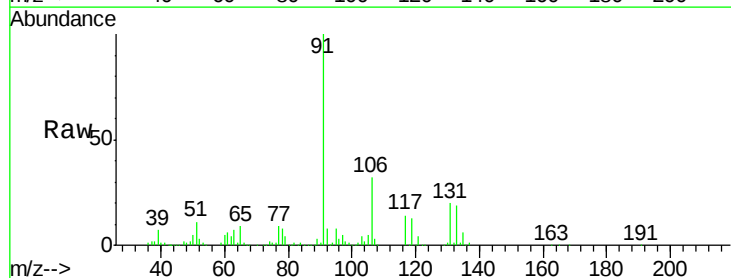
Tgt Ion:131 Resp: 48983

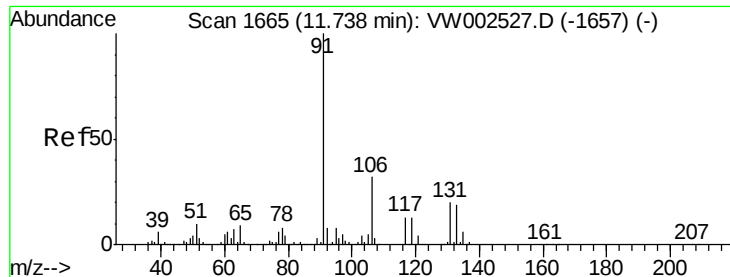
Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.3

119 65.1 32.2 96.6





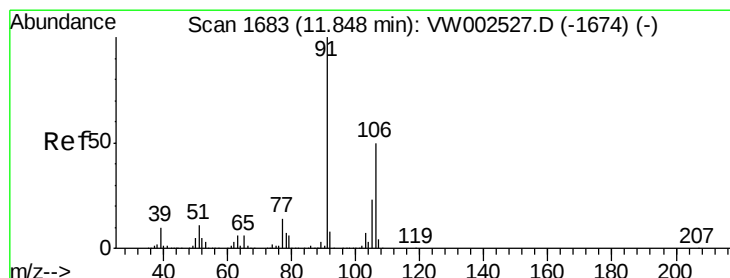
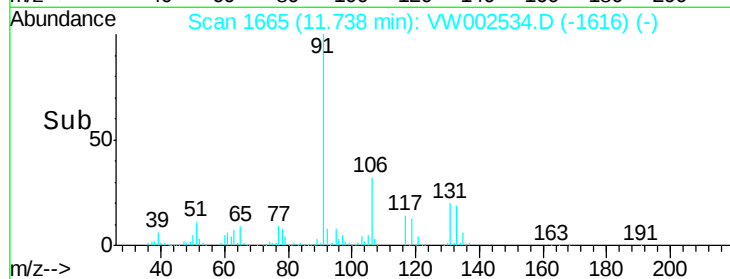
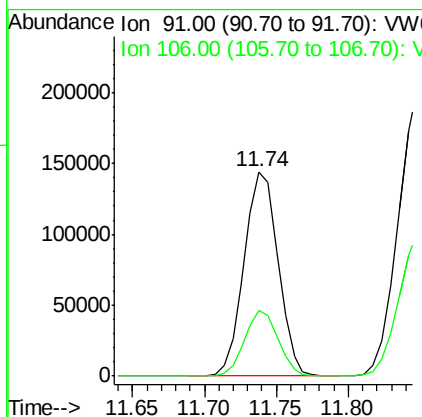
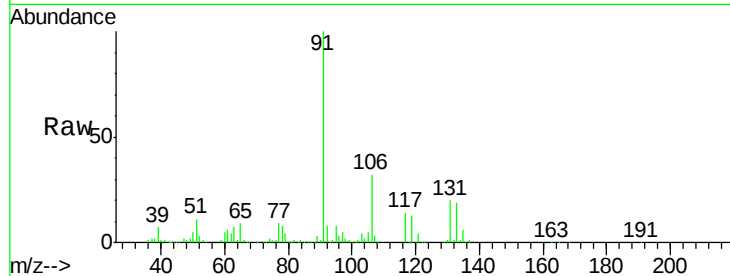
#67
Ethyl Benzene
Concen: 19.69 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion: 91 Resp: 234962
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.0

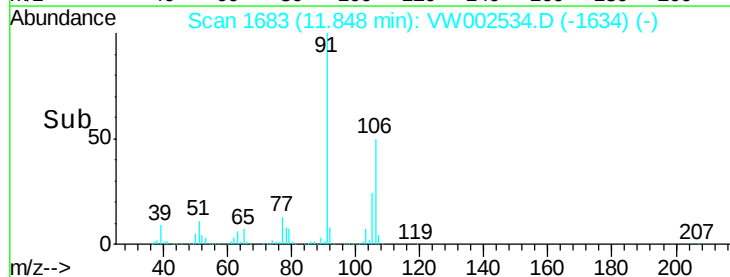
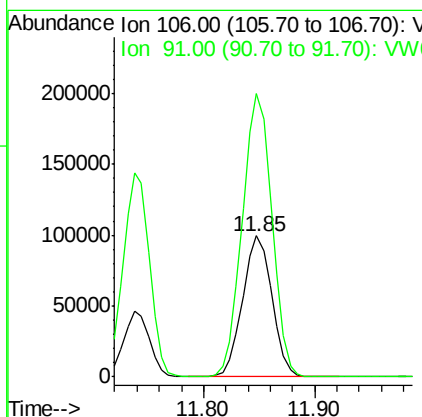
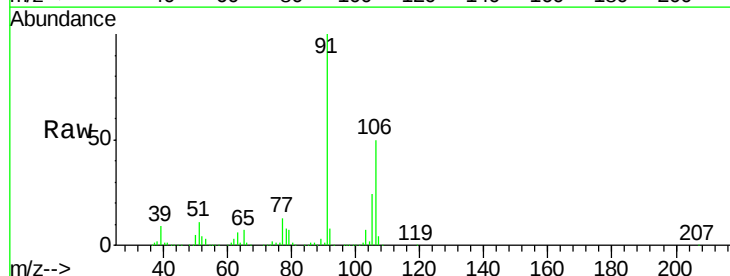
Manual Integrations
APPROVED

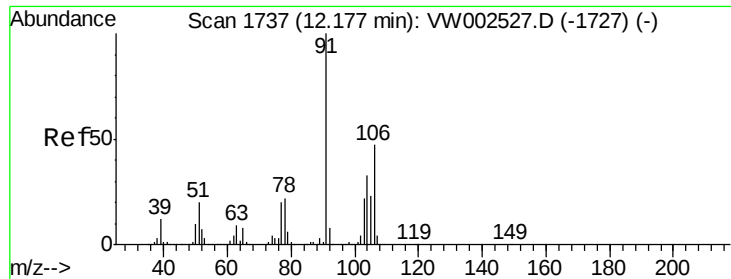
apatel
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#68
m/p-Xylenes
Concen: 39.20 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion: 106 Resp: 181849
Ion Ratio Lower Upper
106 100
91 203.1 161.4 242.2





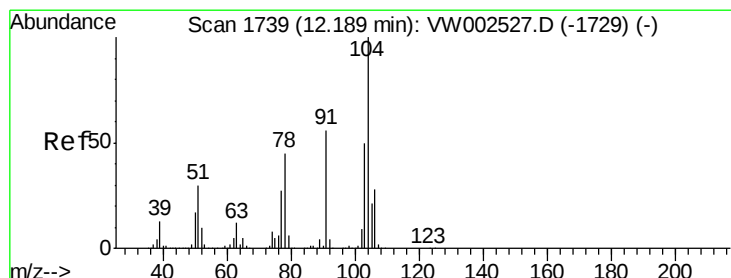
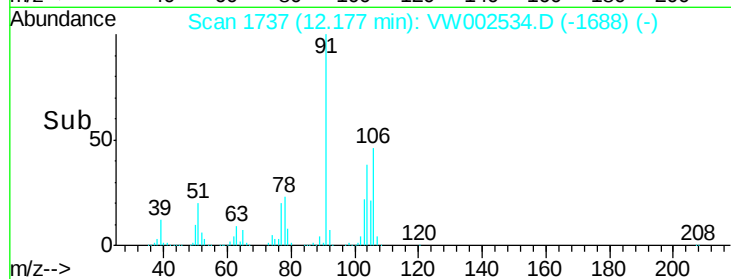
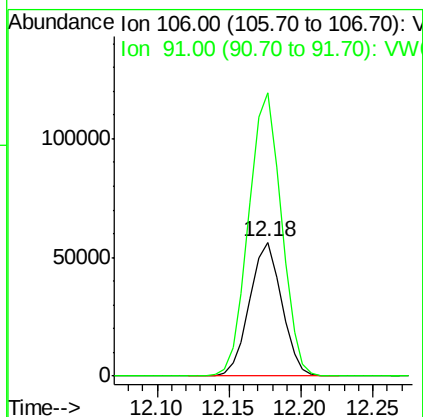
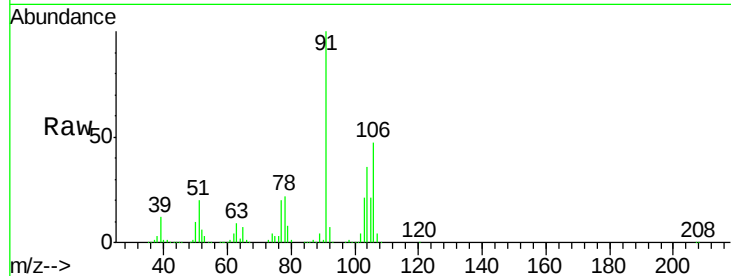
#69
o-Xylene
Concen: 19.78 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	87172		
91	91	215.6	106.7	320.2	

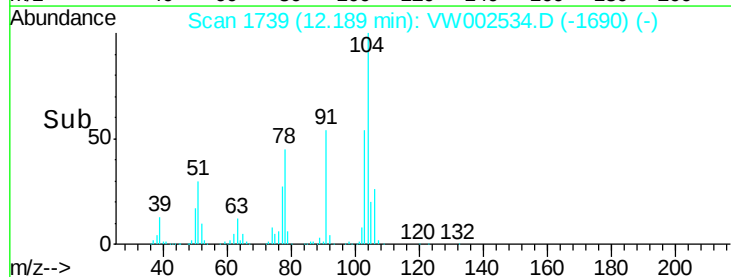
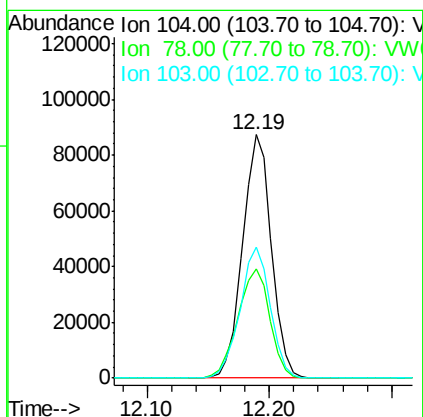
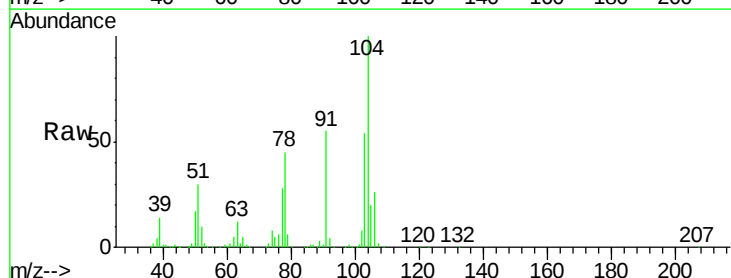
Manual Integrations
APPROVED

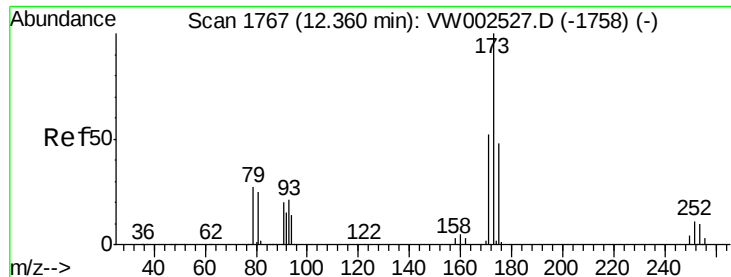
apatel
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#70
Styrene
Concen: 19.42 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	142479		
78	78	50.0	40.1	60.1	
103	103	56.7	44.6	66.8	





#71

Bromoform

Concen: 19.24 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion:173 Resp: 28412

Ion Ratio Lower Upper

173 100

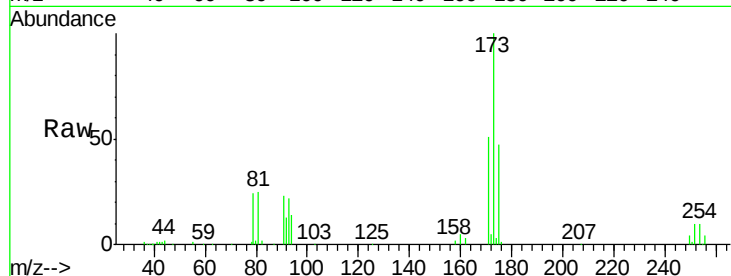
175 48.9 24.5 73.5

254 0.1 0.1 0.1#

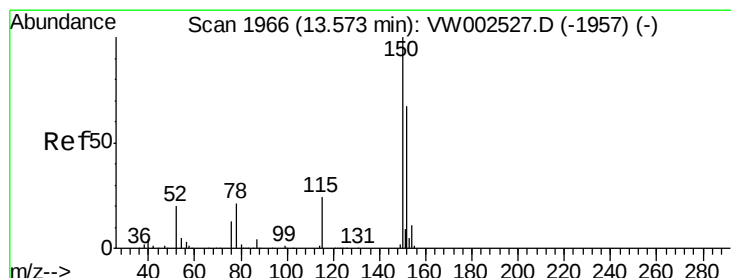
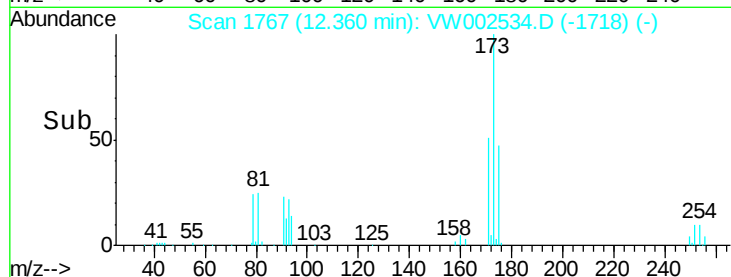
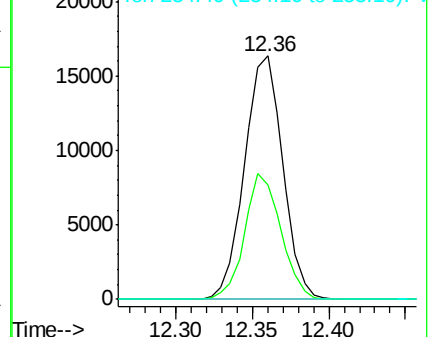
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

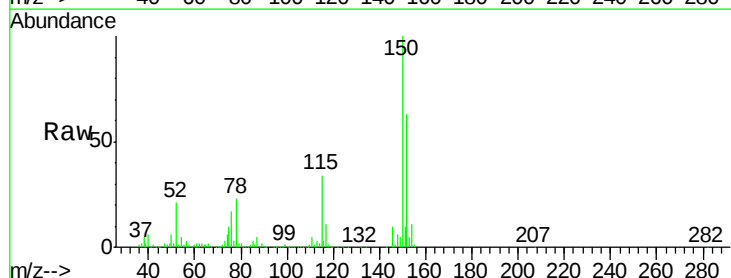
Tgt Ion:152 Resp: 188516

Ion Ratio Lower Upper

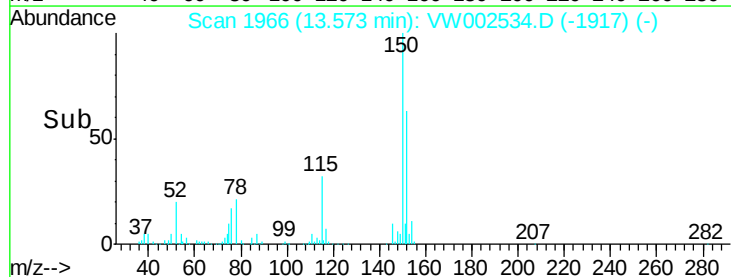
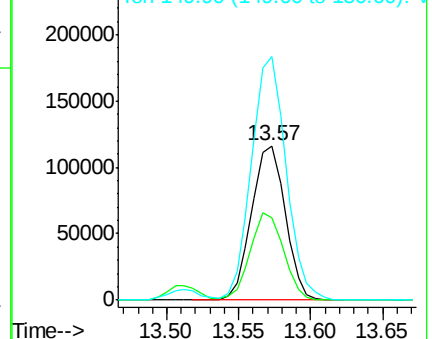
152 100

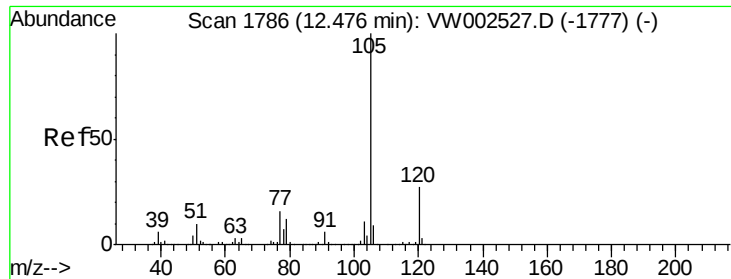
115 55.8 28.0 84.0

150 161.9 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





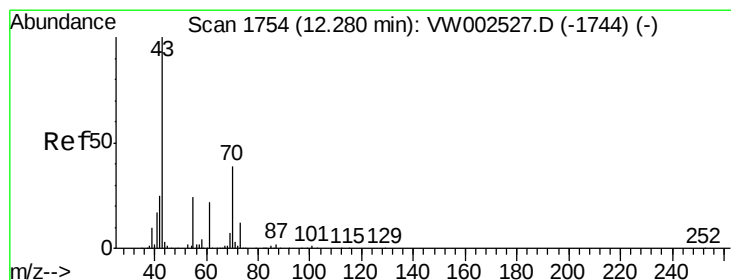
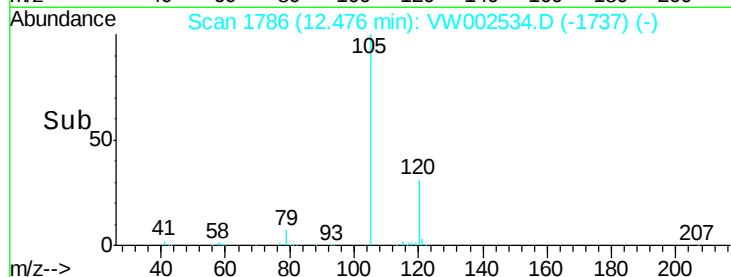
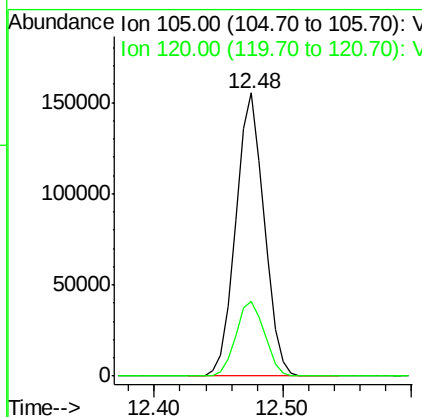
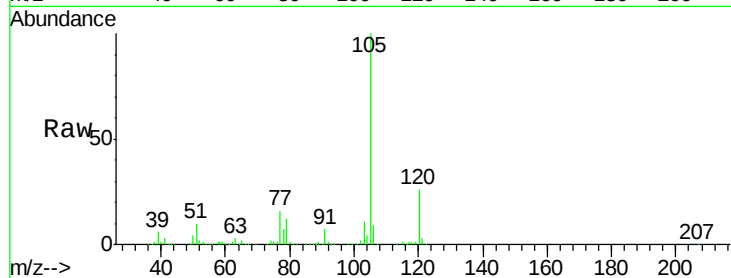
#73
Isopropylbenzene
Concen: 20.39 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

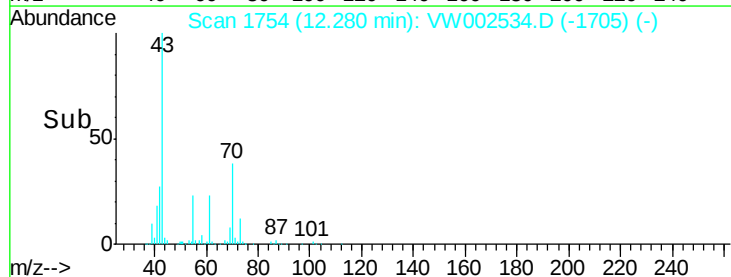
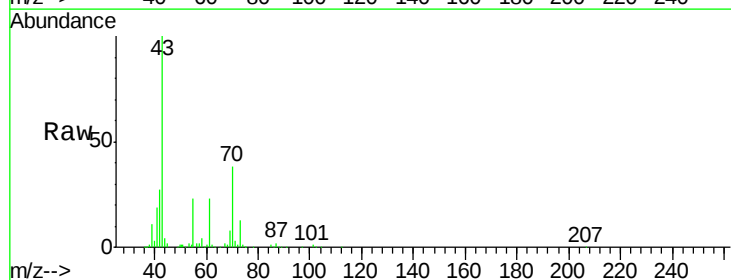
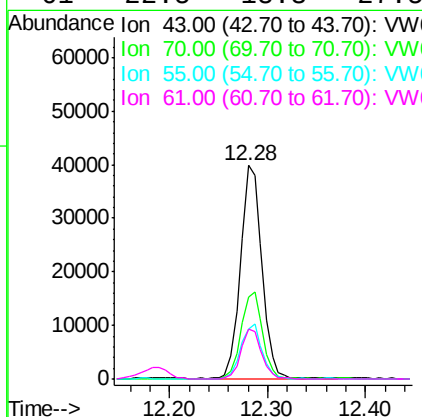
Manual Integrations
APPROVED

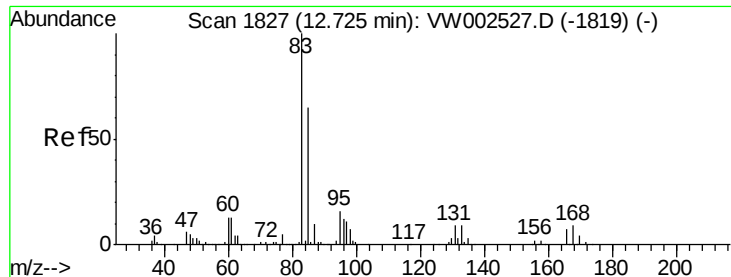
apatel
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#74
N-ethyl acetate
Concen: 20.67 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.6	31.9	47.9
55	25.1	19.4	29.0
61	22.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.26 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

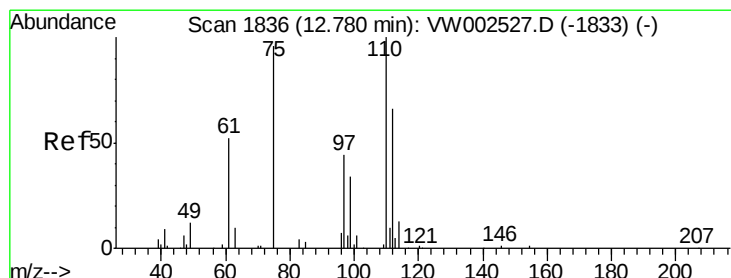
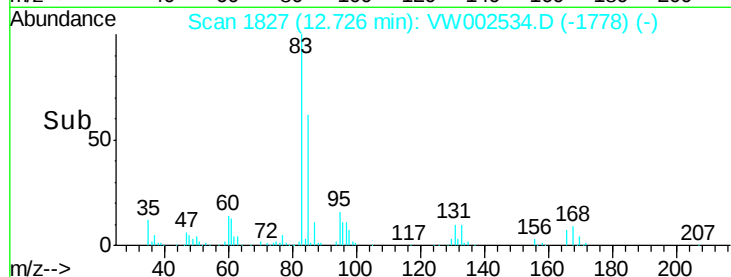
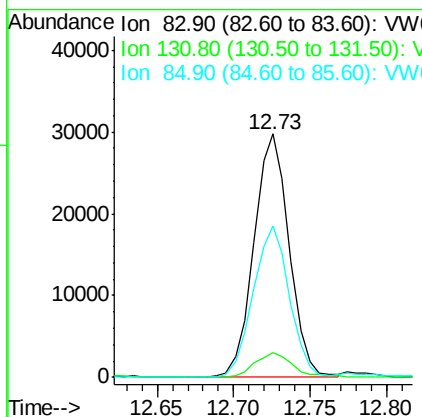
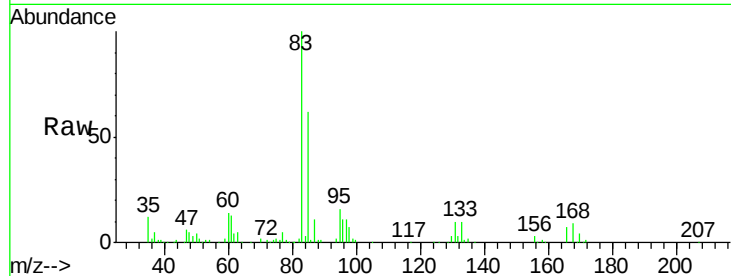
ClientSampleId :

VW0515SBSD01

Tot Ion:	83	Resp:	47695
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.0	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 20.11 ug/l m

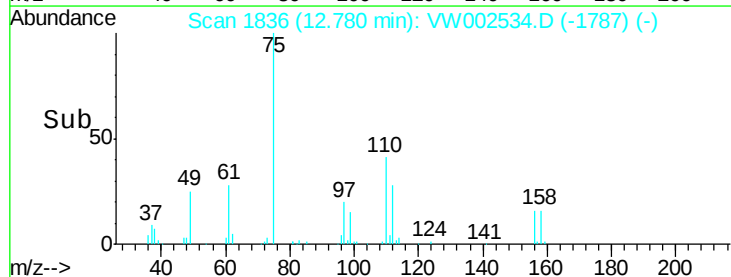
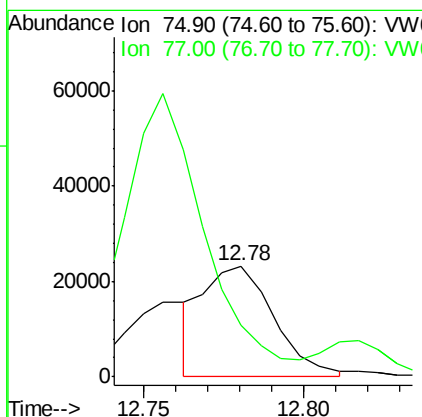
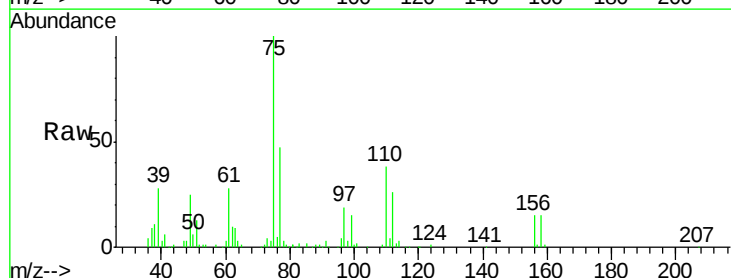
RT: 12.78 min Scan# 1836

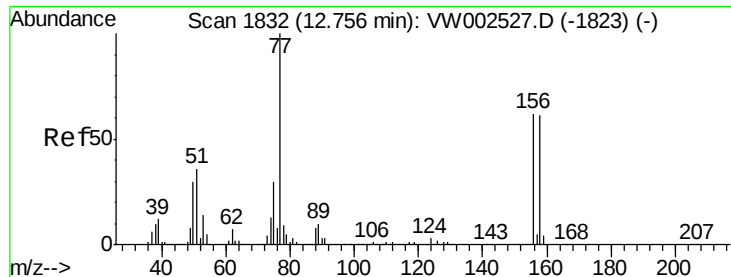
Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tgt Ion:	75	Resp:	35839
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.13 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

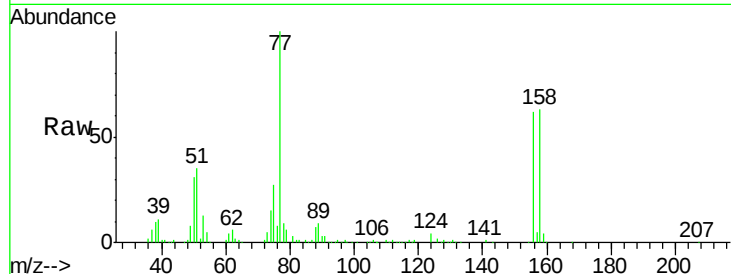
ClientSampleId :

VW0515SBSD01

Tot Ion:	156	Resp:	59679
Ion Ratio	Lower	Upper	
156	100		
77	177.9	89.8	269.4
158	100.2	48.8	146.3

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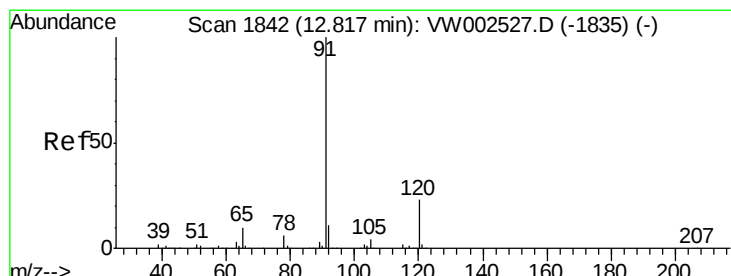
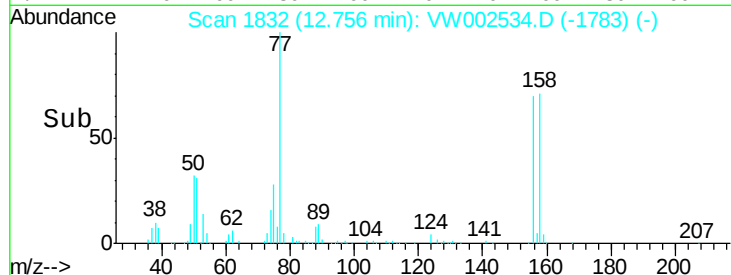
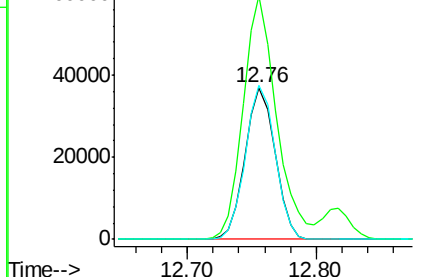
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.44 ug/l

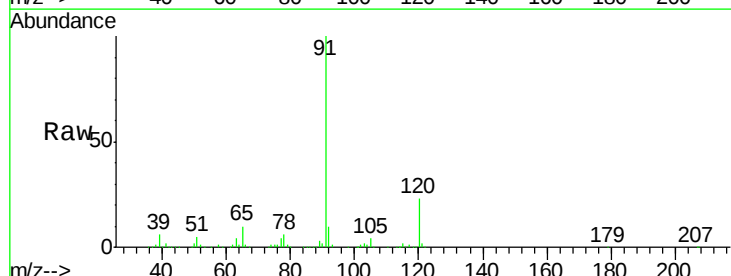
RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002534.D

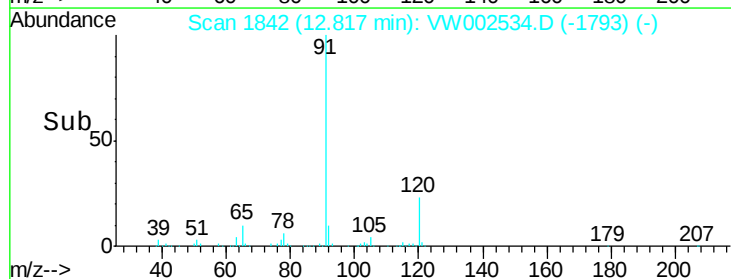
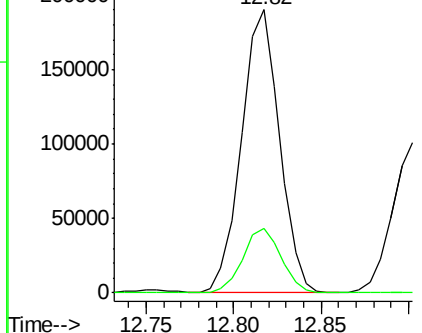
Acq: 15 May 2018 01:51

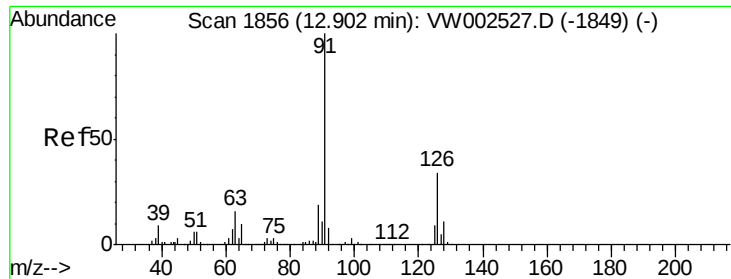
Tgt Ion:	91	Resp:	286860
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.22 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS01

Tot Ion: 91 Resp: 161140

Ion Ratio Lower Upper

91 100

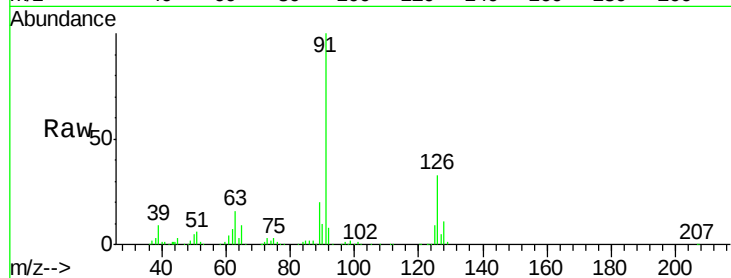
126 35.0 17.6 52.8

Manual Integrations

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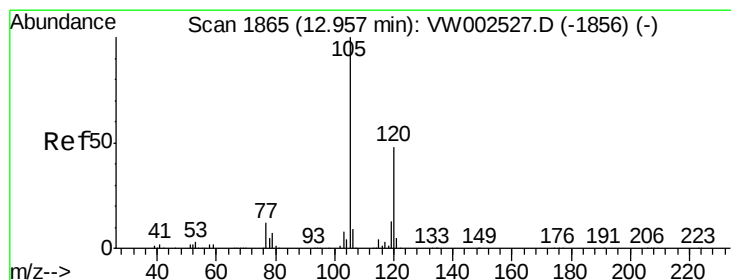
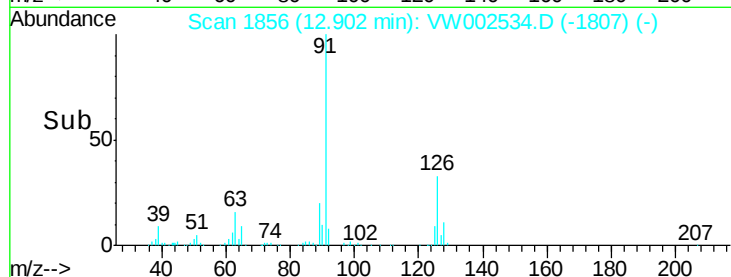
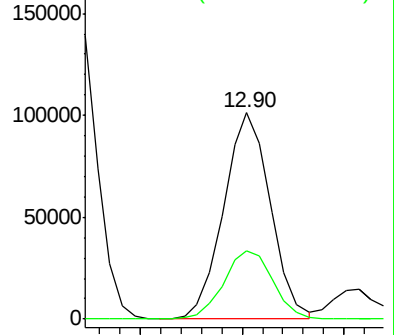
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002534.D

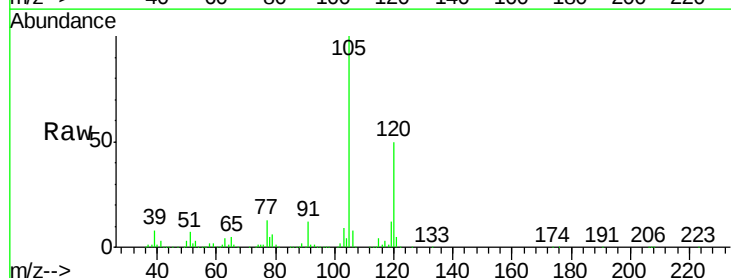
Acq: 15 May 2018 01:51

Tgt Ion:105 Resp: 202067

Ion Ratio Lower Upper

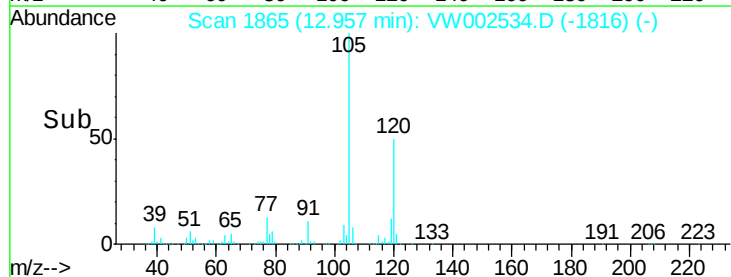
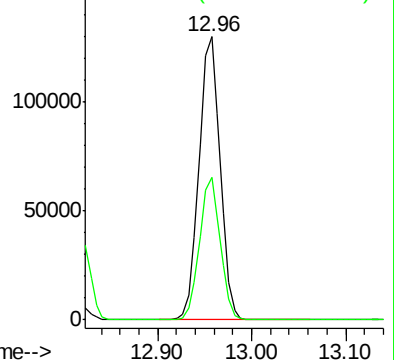
105 100

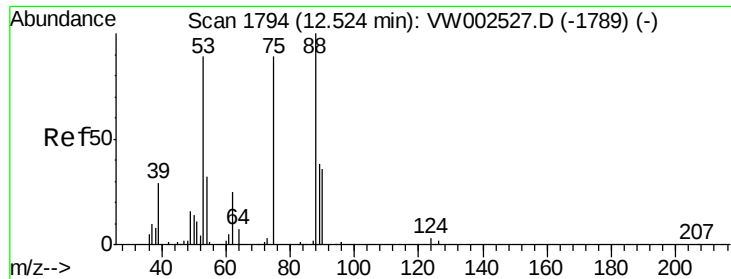
120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.48 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Instrument :

MSVOA_W

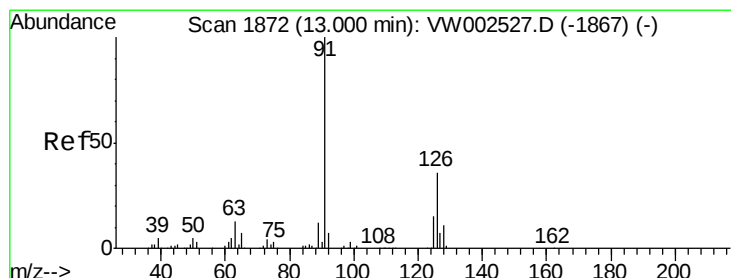
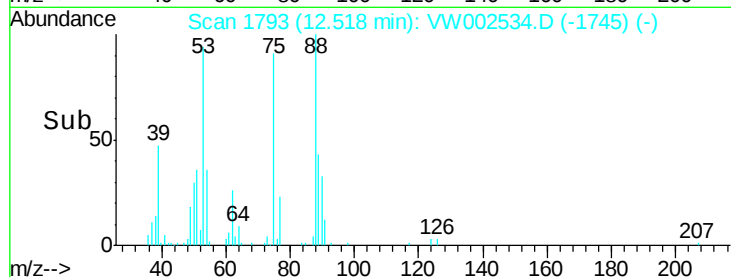
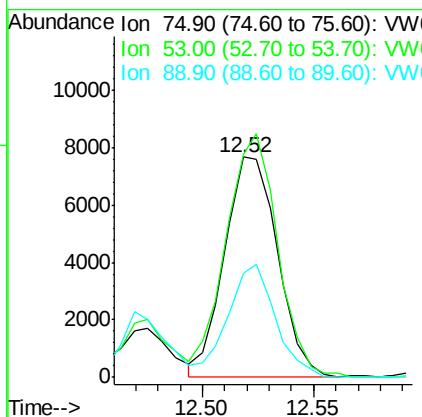
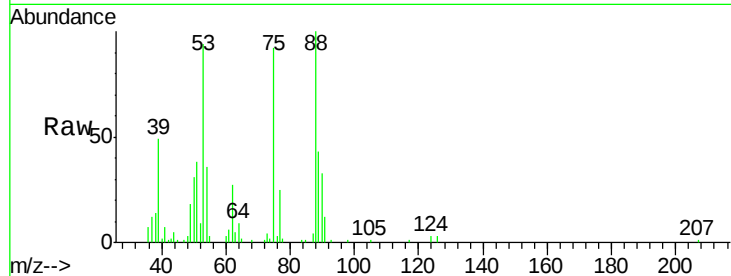
ClientSampleId :

VW0515SBS01

Tot Ion:	75	Resp:	12734
Ion	Ratio	Lower	Upper
75	100		
53	107.8	82.6	124.0
89	46.4	39.2	58.8

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#82

4-Chlorotoluene

Concen: 20.02 ug/l

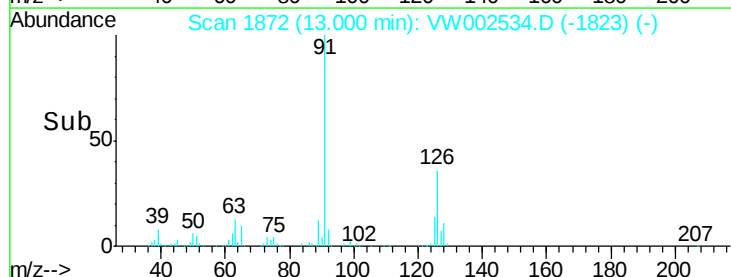
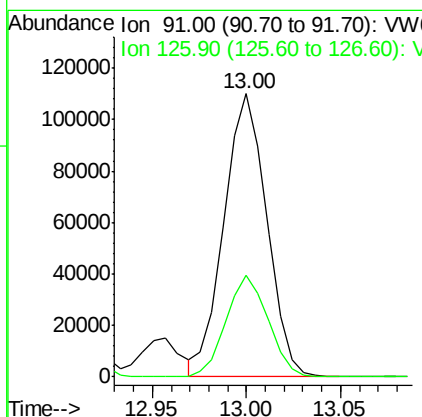
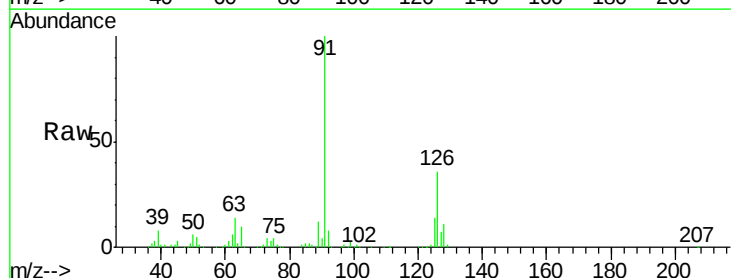
RT: 13.00 min Scan# 1872

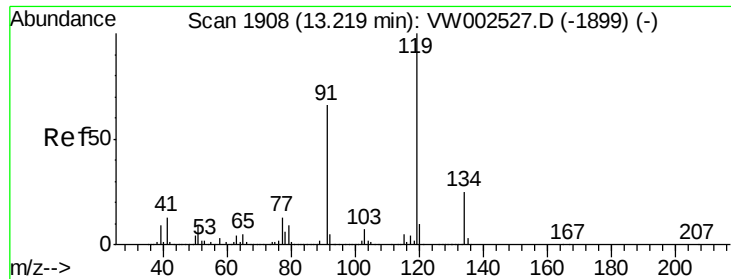
Delta R.T. 0.00 min

Lab File: VW002534.D

Acq: 15 May 2018 01:51

Tgt Ion:	91	Resp:	172559
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.5	52.5





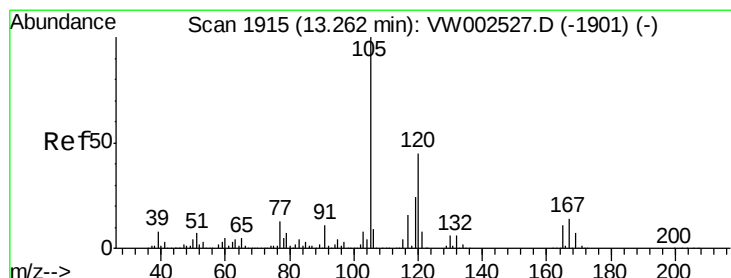
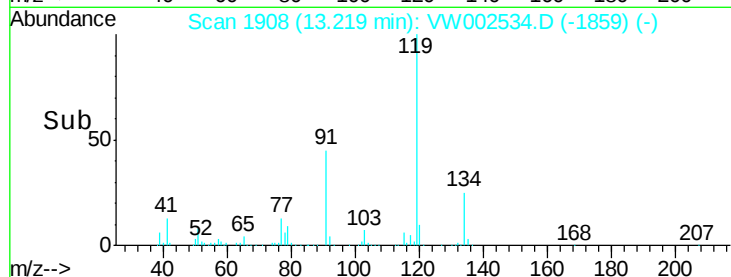
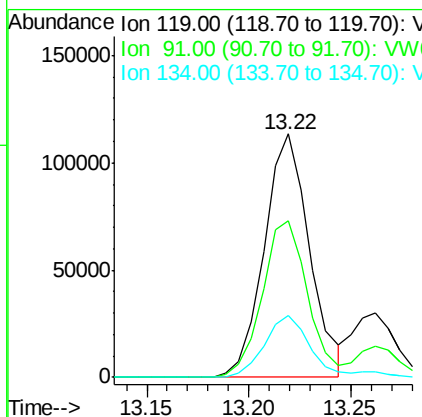
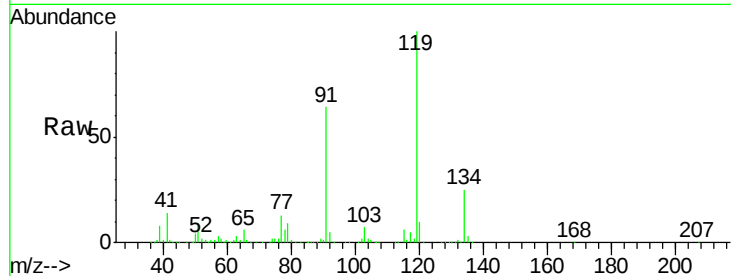
#83
tert-Butylbenzene
Concen: 20.52 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175754		
91	64.2	32.5	97.5	
134	26.8	13.2	39.6	

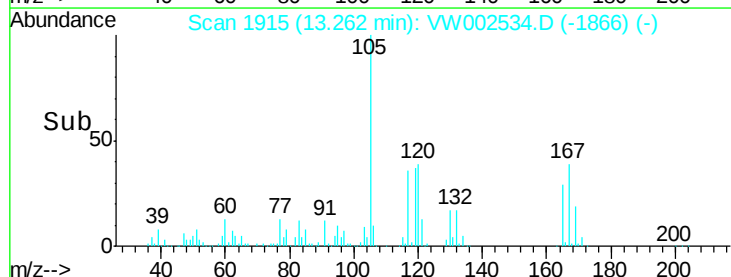
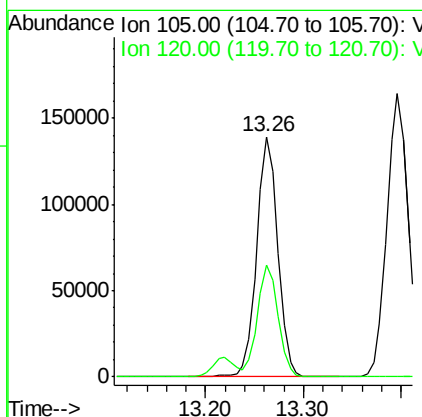
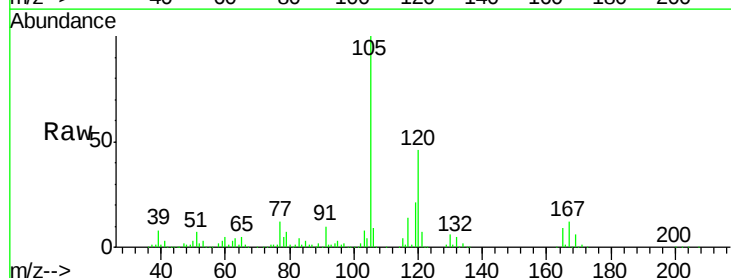
Manual Integrations
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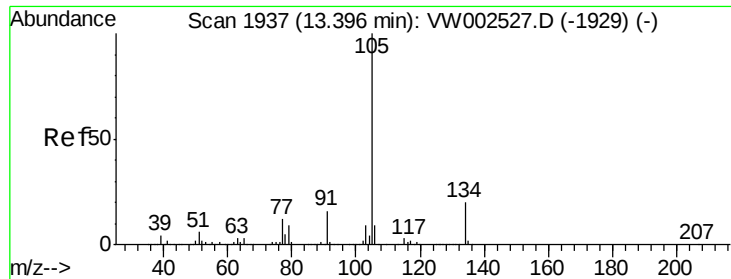
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#84
1,2,4-Trimethylbenzene
Concen: 20.26 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208612		
120	45.6	22.3	66.9	





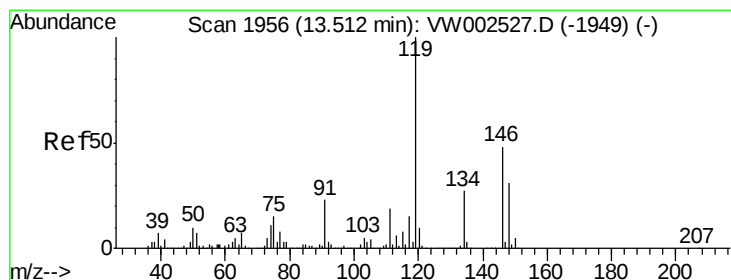
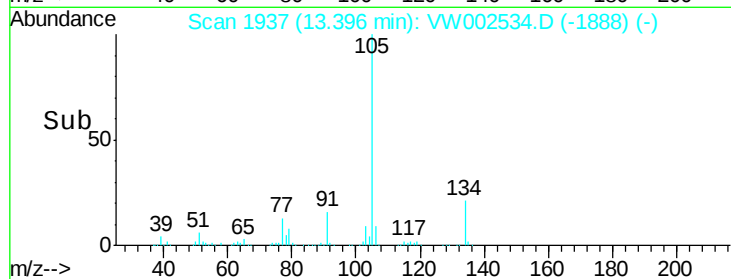
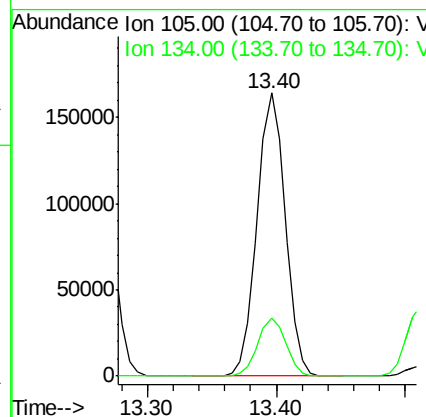
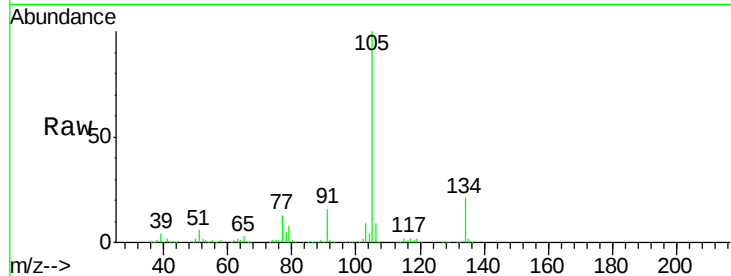
#85
 sec-Butylbenzene
 Concen: 20.16 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0515SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	248125		
134	20.4	10.1	30.3	

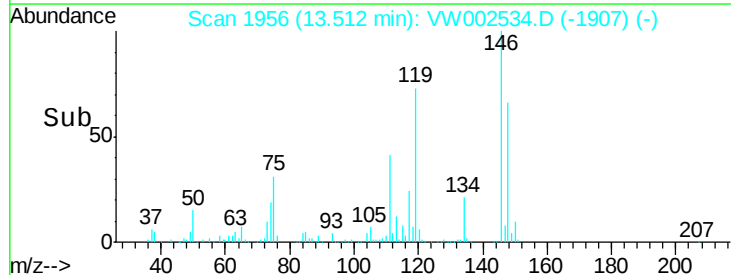
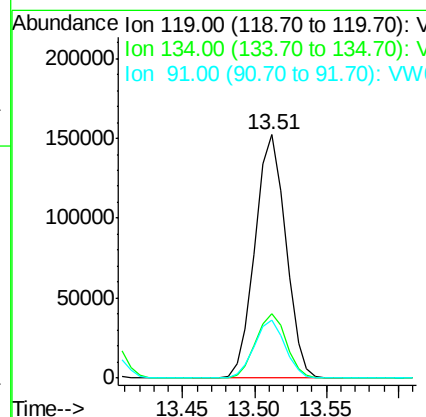
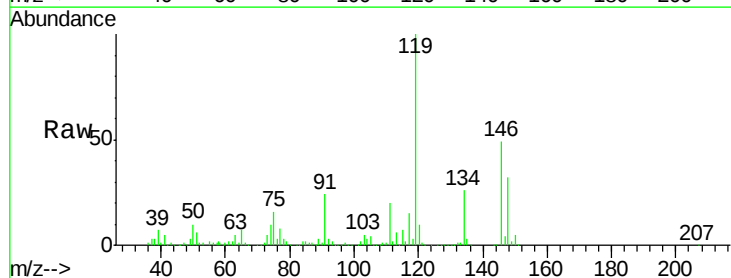
Manual Integrations
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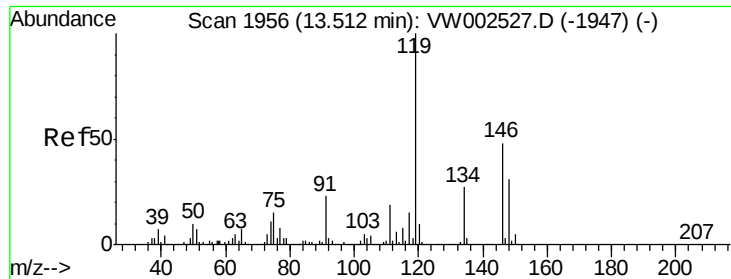
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#86
 p-Isopropyltoluene
 Concen: 20.27 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	224344		
134	26.1	13.4	40.1	
91	23.6	11.6	34.8	





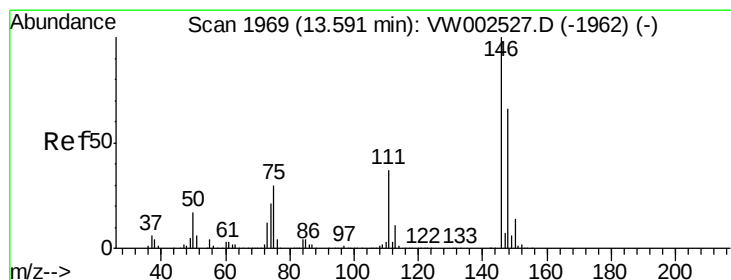
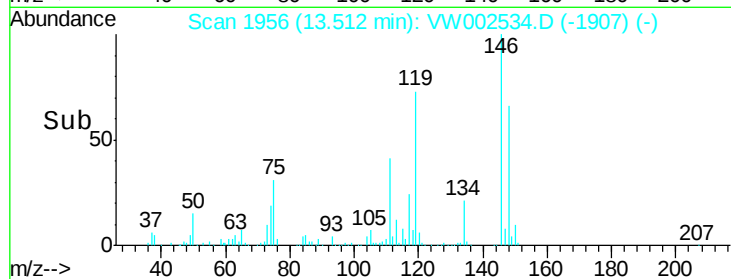
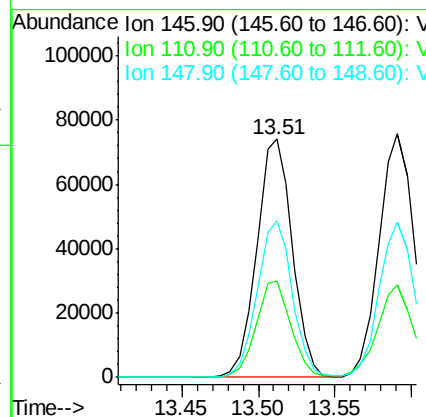
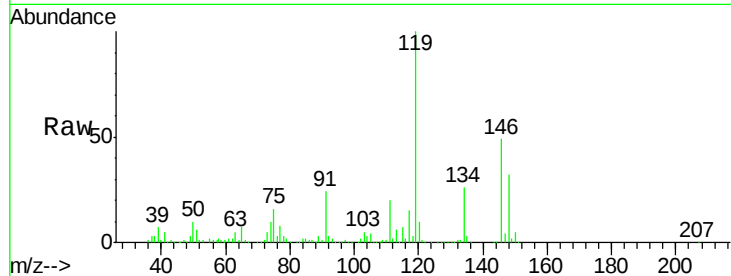
#87
 1,3-Dichlorobenzene
 Concen: 19.96 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	65.1	32.3	96.8

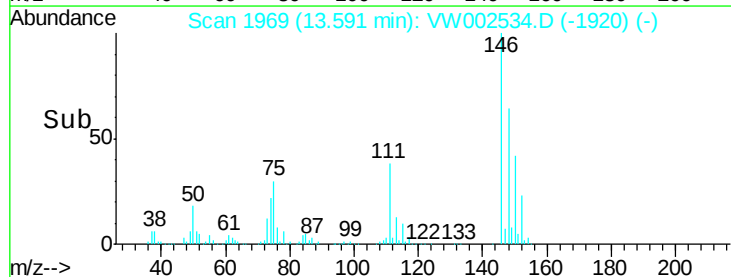
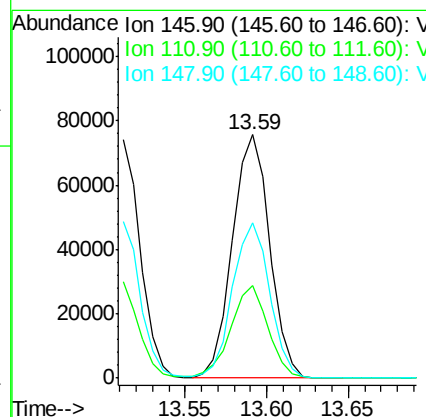
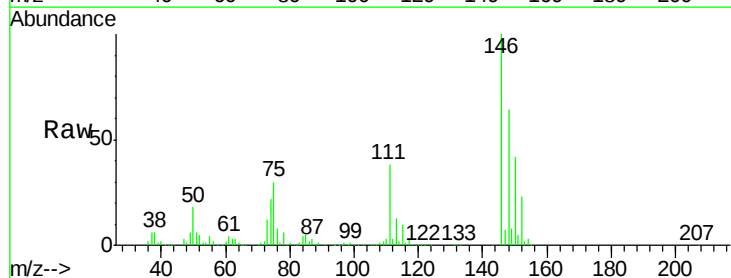
Manual Integrations
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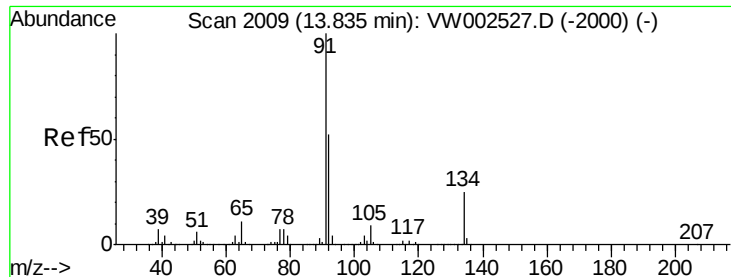
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#88
 1,4-Dichlorobenzene
 Concen: 20.16 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	63.9	32.4	97.0





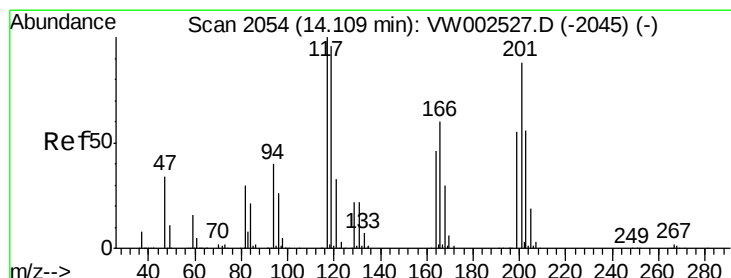
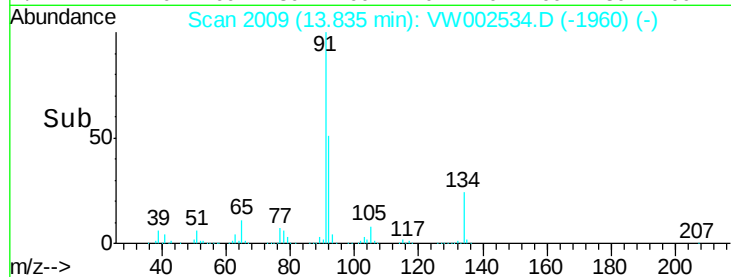
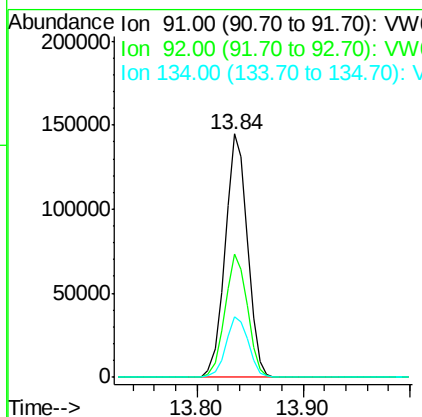
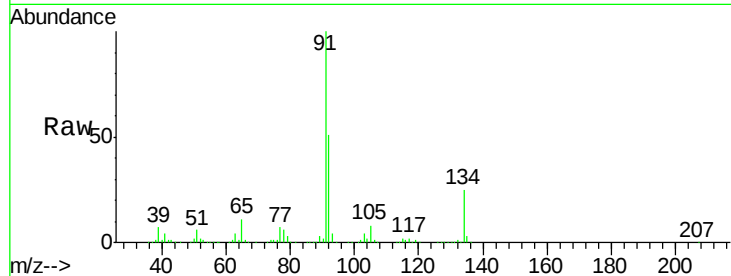
#89
n-Butylbenzene
Concen: 20.20 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	211517		
92	51.2	26.1	78.2	
134	25.3	13.1	39.1	

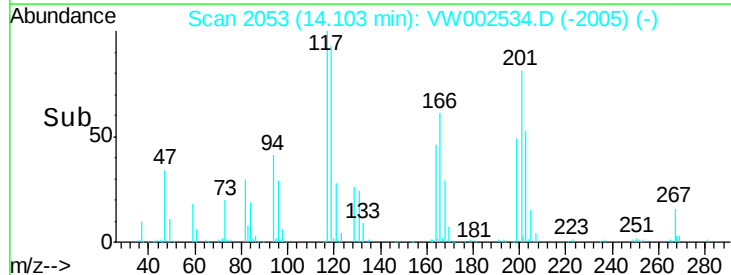
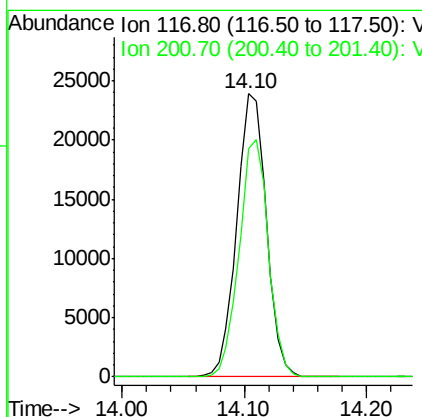
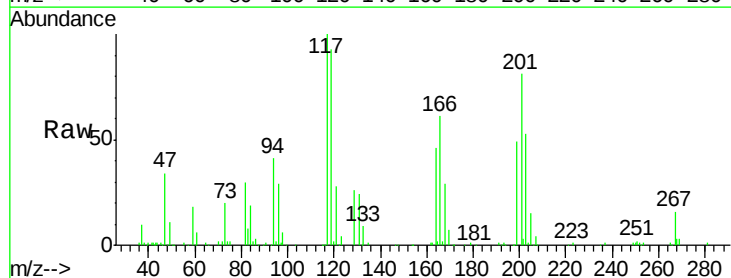
Manual Integrations
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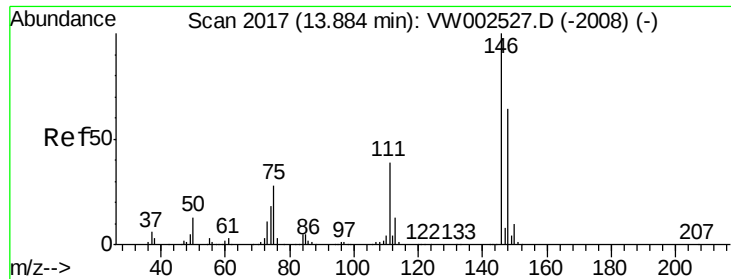
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#90
Hexachloroethane
Concen: 20.20 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40039		
201	82.7	42.0	126.0	





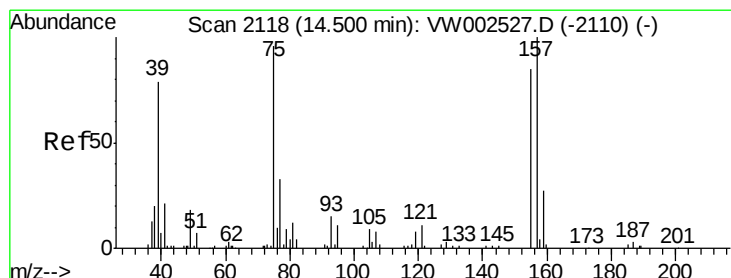
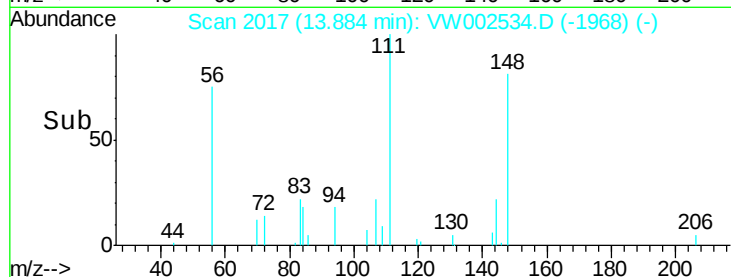
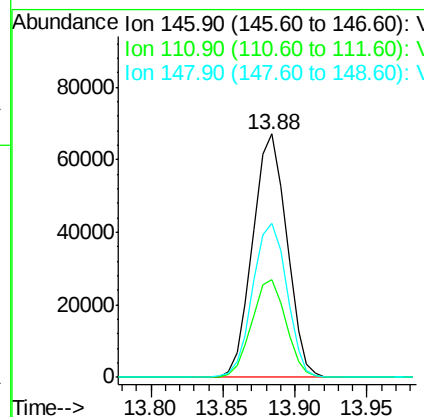
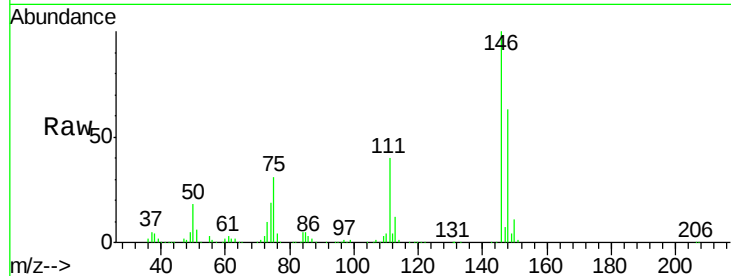
#91
 1,2-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.6
148	63.4	32.1	96.3

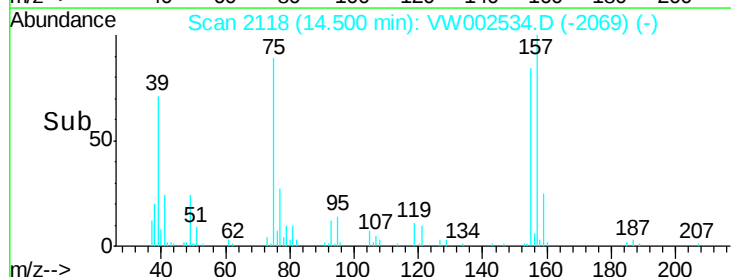
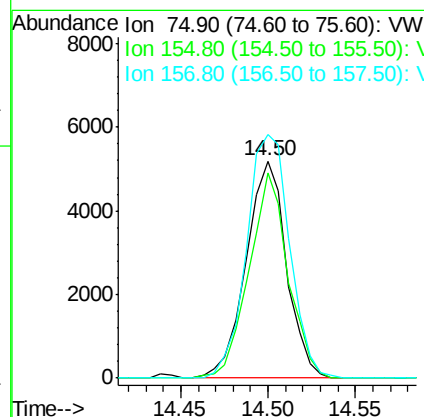
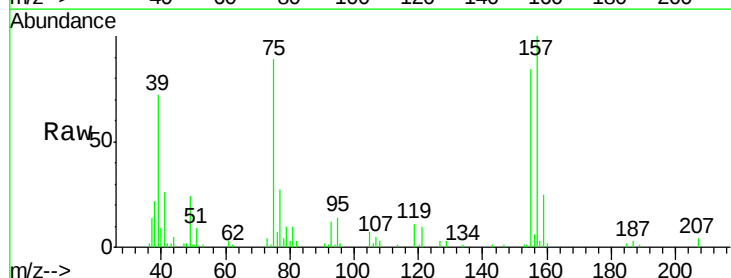
Manual Integrations
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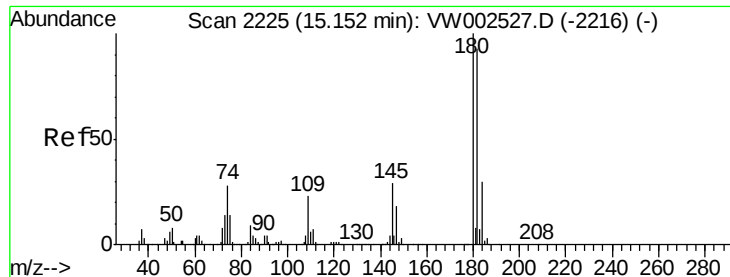
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.05 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.8	128.4
157	119.7	57.4	172.0





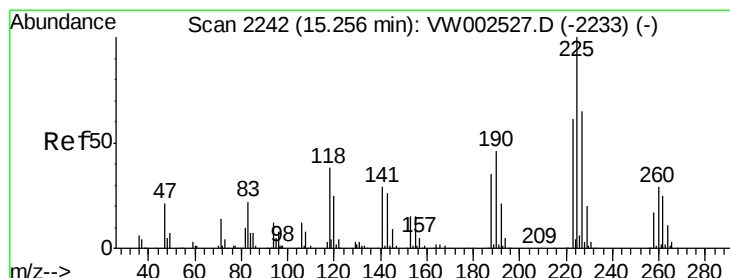
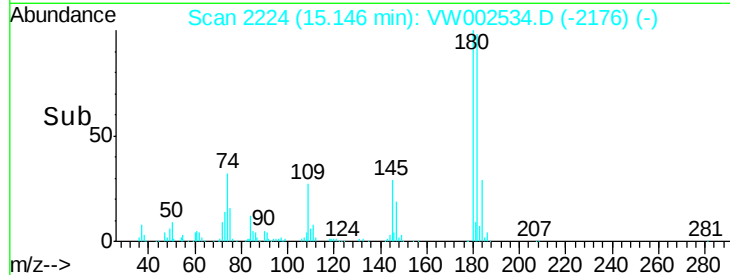
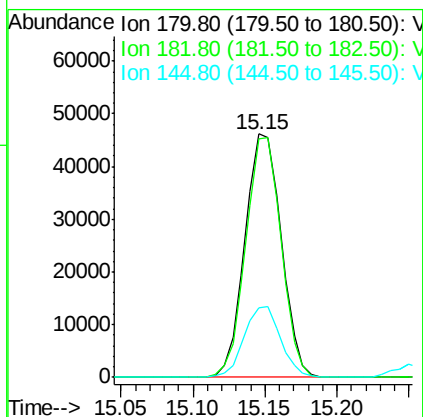
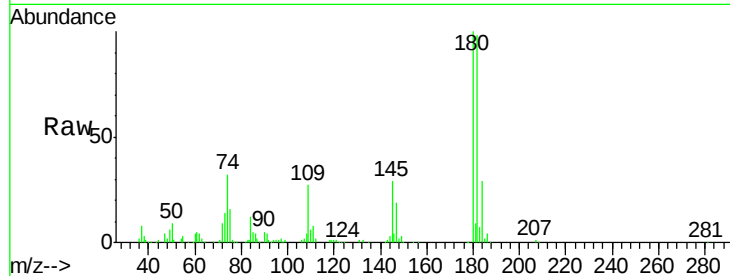
#93
 1,2,4-Trichlorobenzene
 Concen: 20.34 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Tot Ion:	180	Resp:	80579
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.2	141.6
145	29.1	14.9	44.9

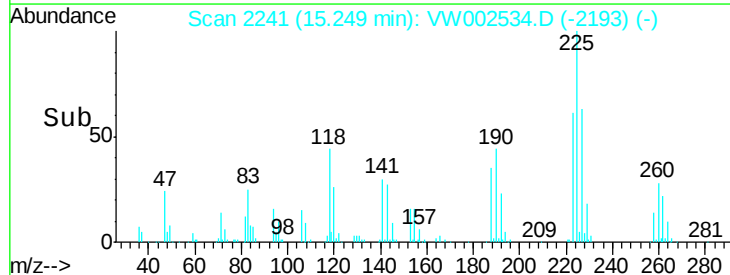
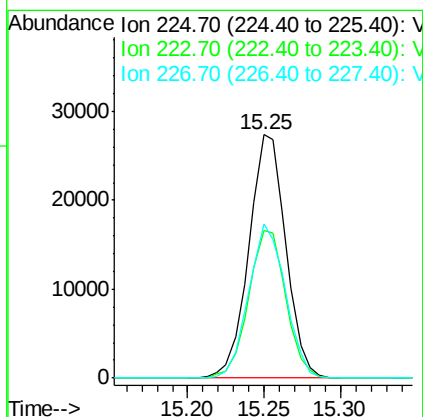
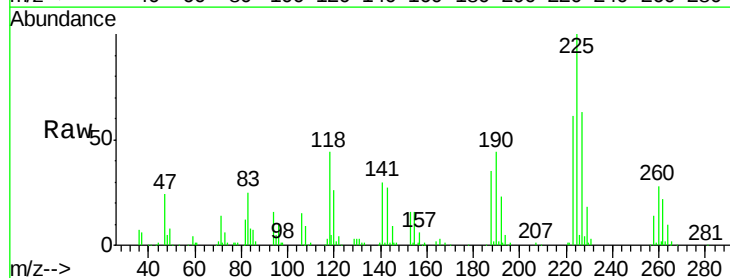
Manual Integrations
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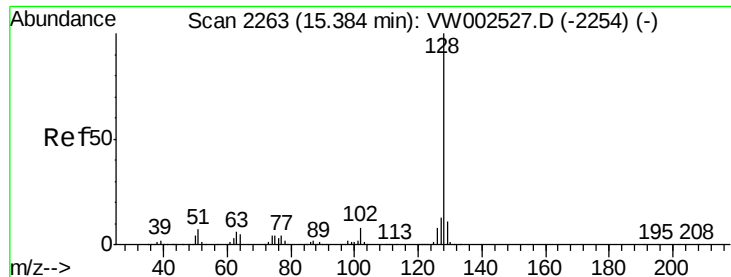
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#94
 Hexachlorobutadiene
 Concen: 20.85 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002534.D
 Acq: 15 May 2018 01:51

Tgt Ion:	225	Resp:	45952
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.3	93.9
227	62.8	31.9	95.5





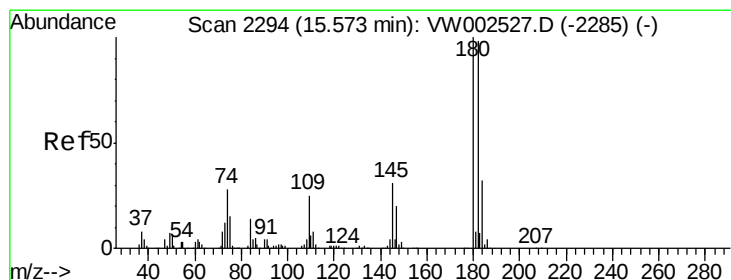
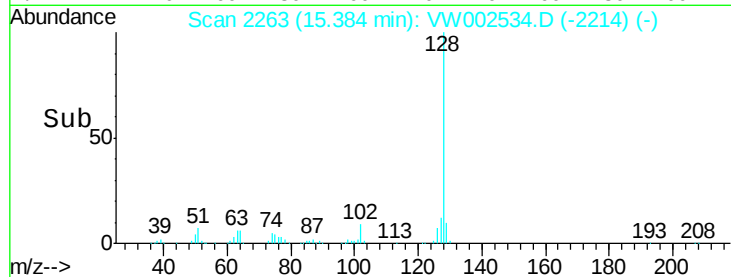
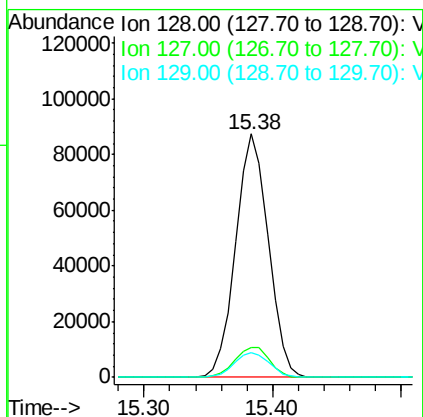
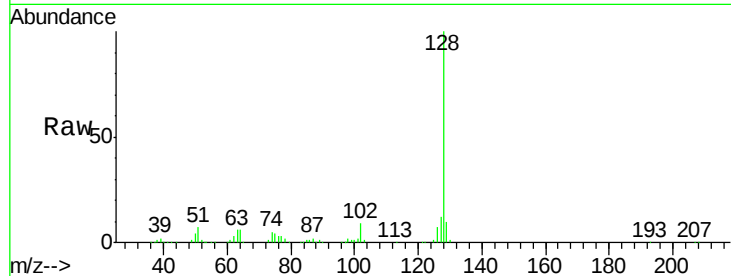
#95
Naphthalene
Concen: 21.33 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002534.D
Acq: 15 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	30.4	15.5	46.5

