

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002549.D
 Acq On : 15 May 2018 13:28
 Operator : JC/SY
 Sample : VW0515SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Manual Integrations
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 5/16/2018 12:25:38 PM

Quant Time: May 16 05:58:57 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	241047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	317809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114138	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	7.88	113	106665	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.33	98	423146	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.63	95	147470	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19852m	21.34	ug/l	
3) Chloromethane	2.21	50	34255	19.25	ug/l	94
4) Vinyl Chloride	2.36	62	52575	18.84	ug/l	95
5) Bromomethane	2.77	94	45335	19.82	ug/l	95
6) Chloroethane	2.92	64	38737	20.17	ug/l	97
7) Trichlorofluoromethane	3.24	101	24201	19.69	ug/l	96
8) Diethyl Ether	3.67	74	27803	18.90	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	41288	20.27	ug/l	99
10) Methyl Iodide	4.26	142	62904	19.38	ug/l	99
11) Tert butyl alcohol	5.19	59	16888	88.20	ug/l	99
12) 1,1-Dichloroethene	4.03	96	40441	20.06	ug/l	96
13) Acrolein	3.89	56	16288	86.35	ug/l	90
14) Allyl chloride	4.65	41	57651	19.27	ug/l	100
15) Acrylonitrile	5.37	53	46403	87.47	ug/l	99
16) Acetone	4.12	43	57621	109.57	ug/l	98
17) Carbon Disulfide	4.36	76	112645	20.30	ug/l	99
18) Methyl Acetate	4.67	43	23237	15.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67129	18.12	ug/l	99
20) Methylene Chloride	4.92	84	42201	18.43	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	43257	19.85	ug/l	99
22) Diisopropyl ether	6.31	45	122166	18.43	ug/l	96
23) Vinyl Acetate	6.25	43	374401	93.21	ug/l	100
24) 1,1-Dichloroethane	6.20	63	76466	19.14	ug/l	98
25) 2-Butanone	7.17	43	67931	91.35	ug/l	100
26) 2,2-Dichloropropane	7.17	77	46394	20.73	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	47181	18.97	ug/l	98
28) Bromochloromethane	7.51	49	33427	18.75	ug/l	99
29) Tetrahydrofuran	7.53	42	39814	85.71	ug/l	98
30) Chloroform	7.67	83	80582	18.89	ug/l	97
31) Cyclohexane	7.95	56	69320	19.59	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	62048	19.29	ug/l	98
36) 1,1-Dichloropropene	8.08	75	62951	20.54	ug/l	100
37) Ethyl Acetate	7.25	43	26904	17.70	ug/l	98
38) Carbon Tetrachloride	8.06	117	61008	20.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73026	20.80	ug/l	99
40) Benzene	8.32	78	175228	19.91	ug/l	98
41) Methacrylonitrile	7.49	41	15429	18.14	ug/l	96
42) 1,2-Dichloroethane	8.40	62	53206	19.04	ug/l	99
43) Isopropyl Acetate	8.43	43	53343	18.25	ug/l	99
44) Trichloroethene	9.09	130	48298	20.03	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43709	19.49	ug/l	98
46) Dibromomethane	9.46	93	24104	18.89	ug/l	98
47) Bromodichloromethane	9.65	83	57872	19.45	ug/l	96
48) Methyl methacrylate	9.44	41	25075	17.70	ug/l	99
49) 1,4-Dioxane	9.45	88	7631	358.89	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	142244	88.62	ug/l	99
52) Toluene	10.39	92	114305	20.55	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57969	19.27	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	66725	19.89	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32944	18.33	ug/l	96
56) Ethyl methacrylate	10.65	69	39952	18.24	ug/l	99
57) 1,3-Dichloropropane	10.94	76	56235	18.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101072	93.99	ug/l	99
59) 2-Hexanone	10.98	43	103575	93.47	ug/l	96
60) Dibromochloromethane	11.13	129	39594	18.67	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32649	18.82	ug/l	98
64) Tetrachloroethene	10.87	164	41771	18.65	ug/l	97
65) Chlorobenzene	11.66	112	126514	19.99	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	45304	19.99	ug/l	99
67) Ethyl Benzene	11.74	91	216974	20.17	ug/l	99
68) m/p-Xylenes	11.85	106	170727	40.82	ug/l	100
69) o-Xylene	12.18	106	79255	19.94	ug/l	98
70) Styrene	12.19	104	128475	19.42	ug/l	99
71) Bromoform	12.36	173	23977	18.01	ug/l #	99
73) Isopropylbenzene	12.48	105	218902	20.54	ug/l	100
74) N-amyl acetate	12.28	43	49583	18.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39937	18.50	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	29754m	18.21	ug/l	
77) Bromobenzene	12.76	156	54539	20.06	ug/l	96
78) n-propylbenzene	12.82	91	269964	20.98	ug/l	99
79) 2-Chlorotoluene	12.90	91	149771	20.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	187354	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11497	19.18	ug/l	97
82) 4-Chlorotoluene	13.00	91	160033	20.25	ug/l	100
83) tert-Butylbenzene	13.22	119	162465	20.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194861	20.64	ug/l	99
85) sec-Butylbenzene	13.40	105	236956	21.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	210568	20.75	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109192	19.86	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109407	20.00	ug/l	99
89) n-Butylbenzene	13.83	91	201075	20.95	ug/l	99
90) Hexachloroethane	14.11	117	36013	19.82	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	98131	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7316	19.21	ug/l	91

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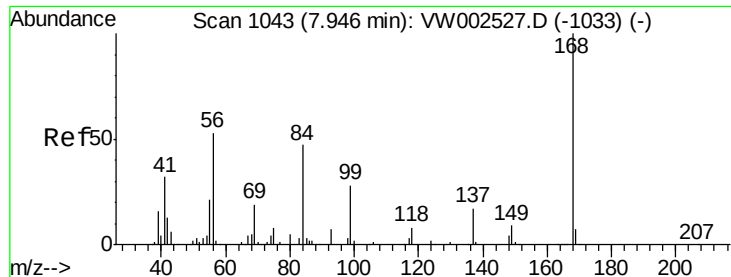
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73158	20.14	ug/l	99
94) Hexachlorobutadiene	15.26	225	42516	21.04	ug/l	98
95) Naphthalene	15.38	128	123698	18.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65113	20.04	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: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion:168 Resp: 241047

Ion Ratio Lower Upper

168 100

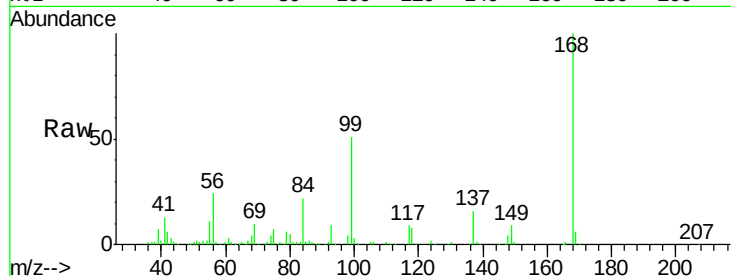
99 50.7 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

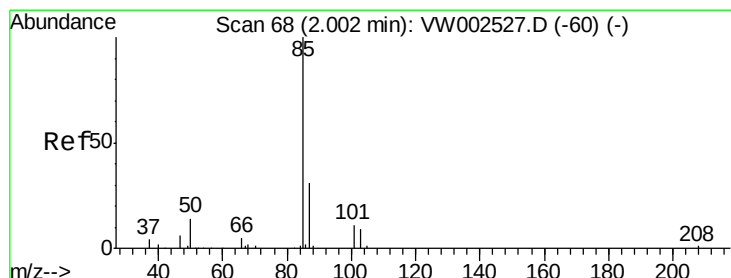
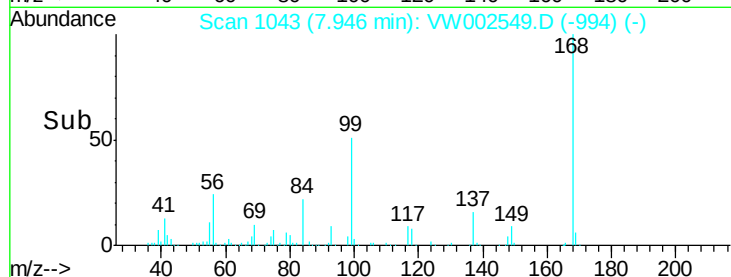
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.34 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002549.D

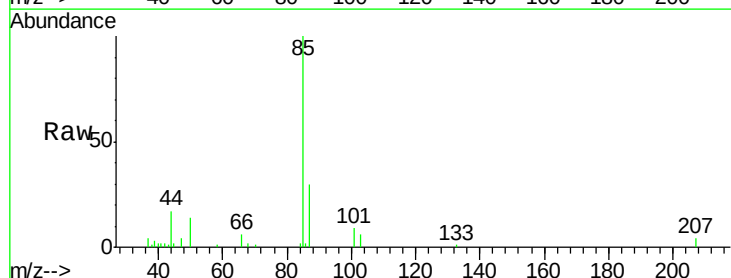
Acq: 15 May 2018 13:28

Tgt Ion: 85 Resp: 19852

Ion Ratio Lower Upper

85 100

87 30.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

0

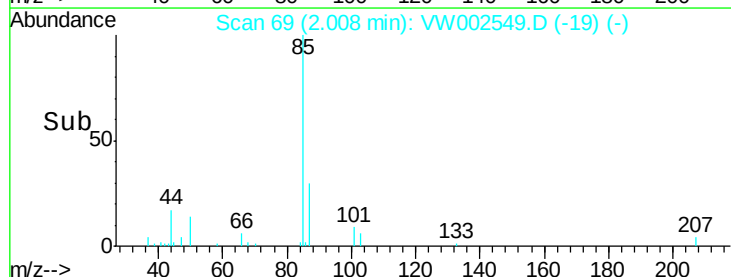
1.90

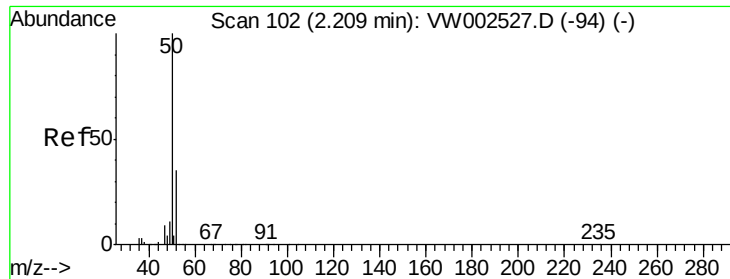
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.25 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 50 Resp: 34255

Ion Ratio Lower Upper

50 100

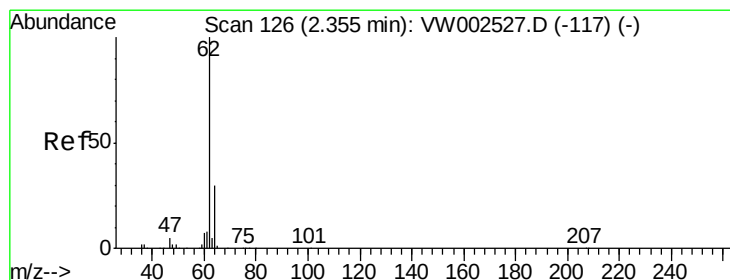
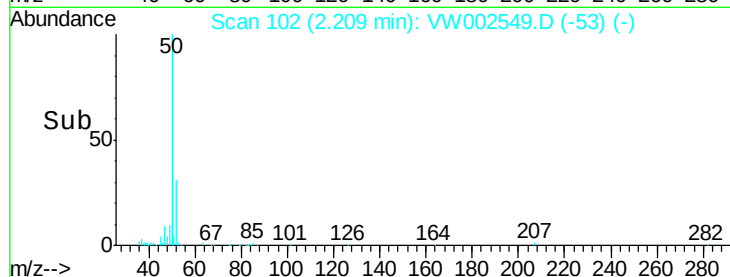
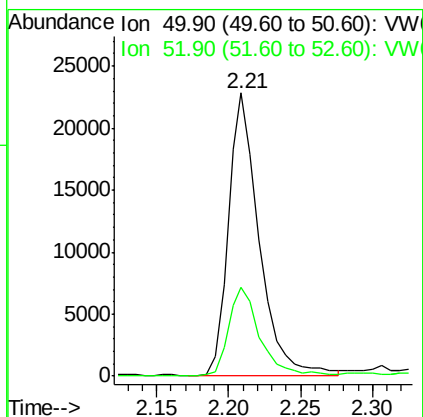
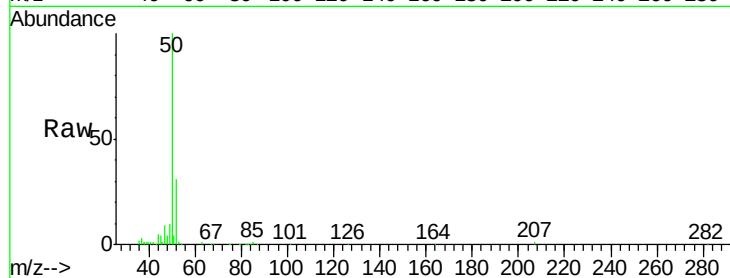
52 31.3 27.8 41.8

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#4

Vinyl Chloride

Concen: 18.84 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002549.D

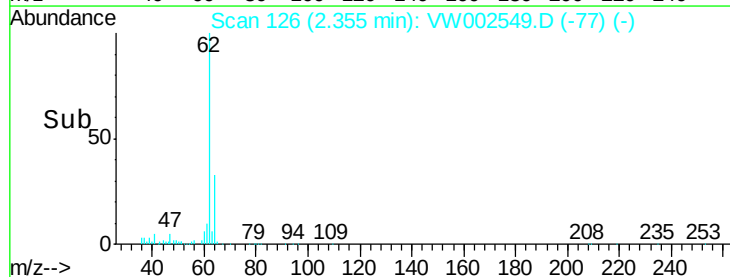
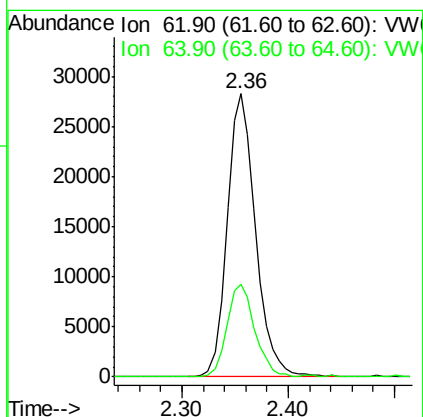
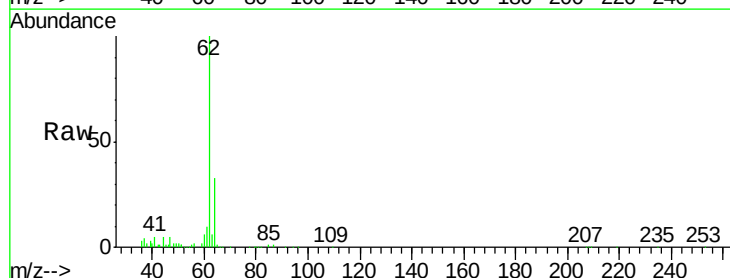
Acq: 15 May 2018 13:28

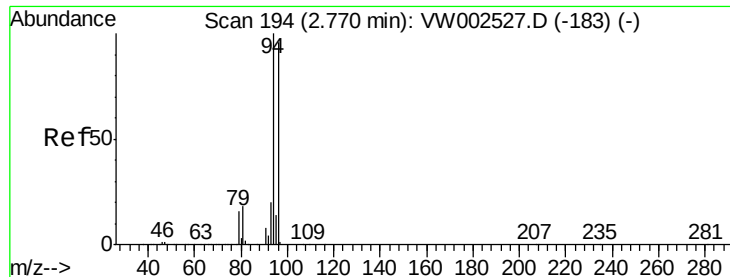
Tgt Ion: 62 Resp: 52575

Ion Ratio Lower Upper

62 100

64 32.6 24.0 36.0





#5

Bromomethane

Concen: 19.82 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 94 Resp: 45335

Ion Ratio Lower Upper

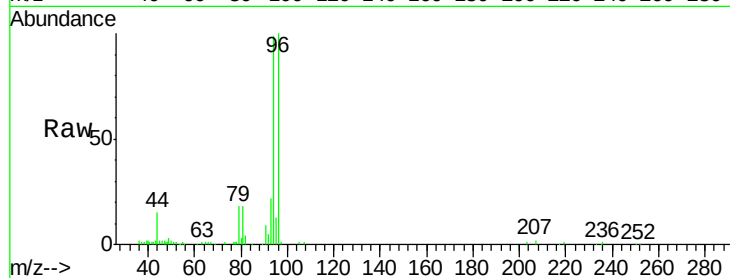
94 100

96 100.6 77.0 115.4

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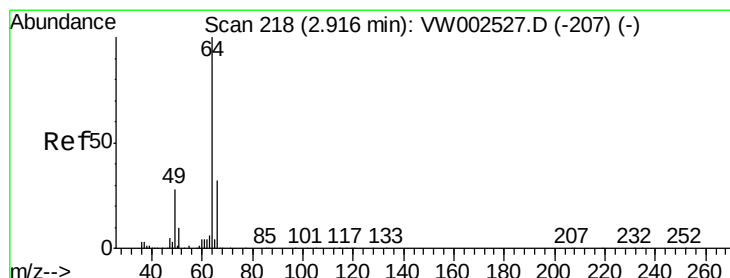
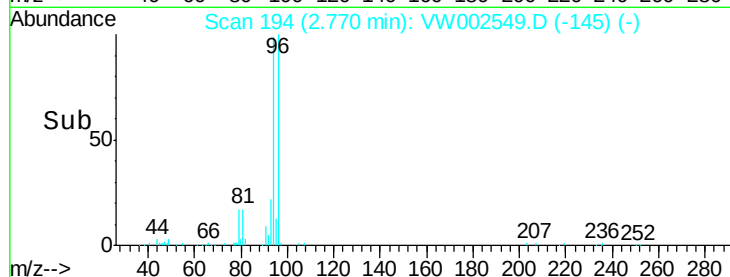
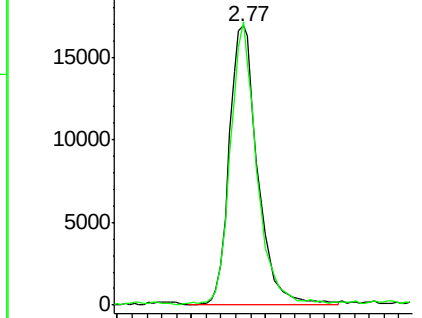
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.17 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW002549.D

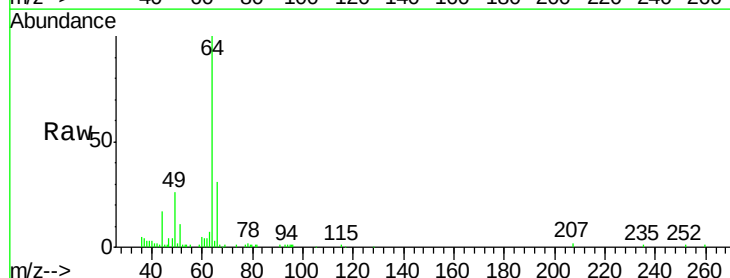
Acq: 15 May 2018 13:28

Tgt Ion: 64 Resp: 38737

Ion Ratio Lower Upper

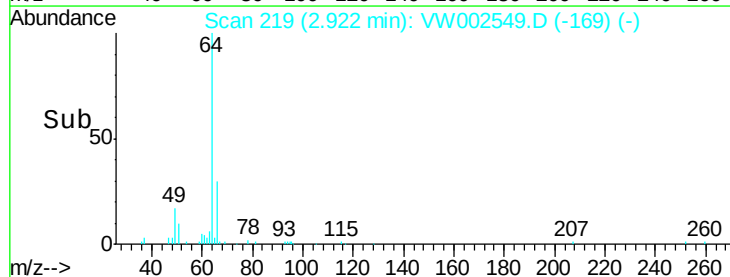
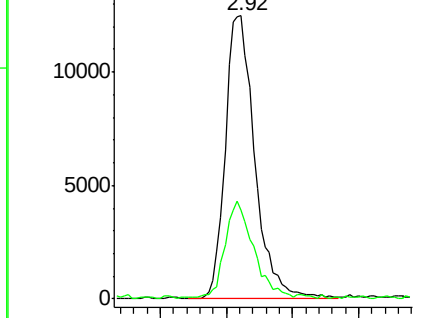
64 100

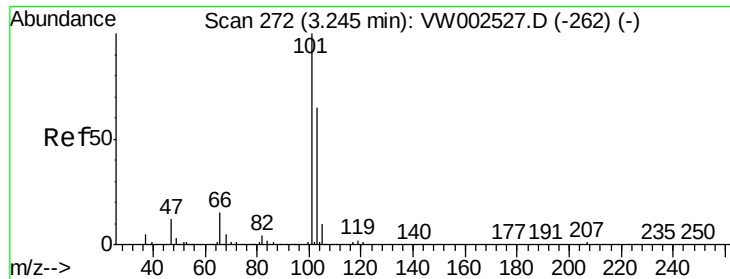
66 30.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

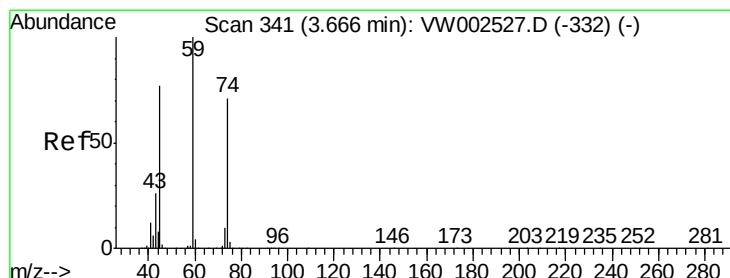
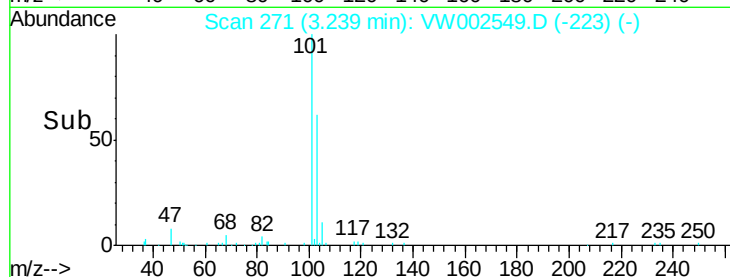
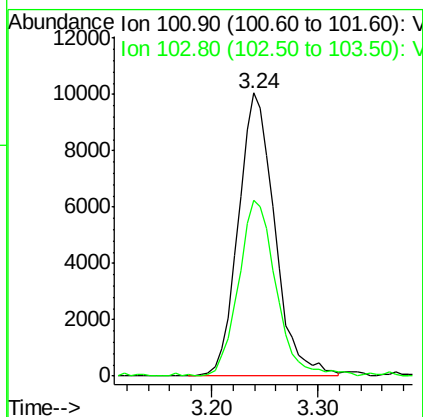
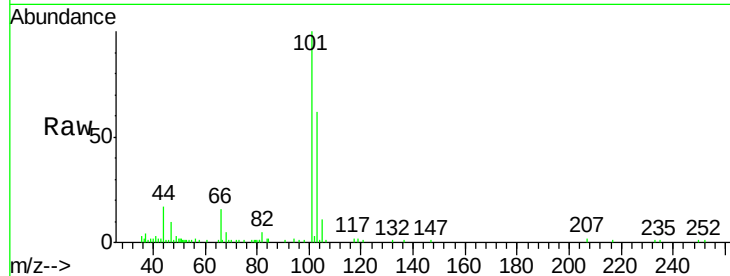
Trichlorofluoromethane
 Concen: 19.69 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

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 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.3	51.8	77.8

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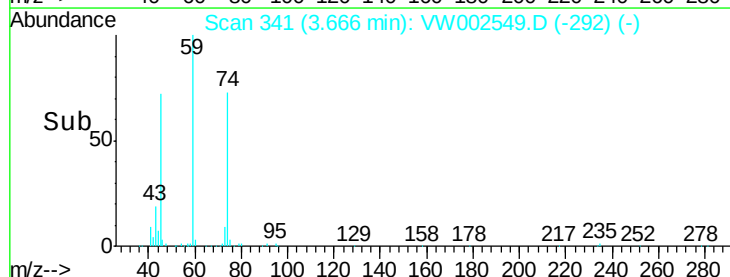
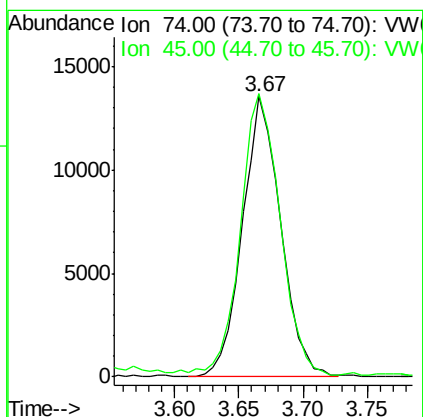
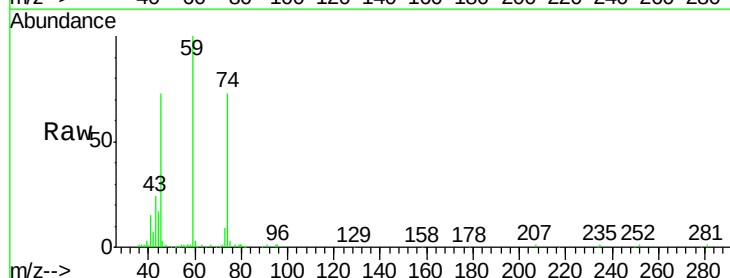
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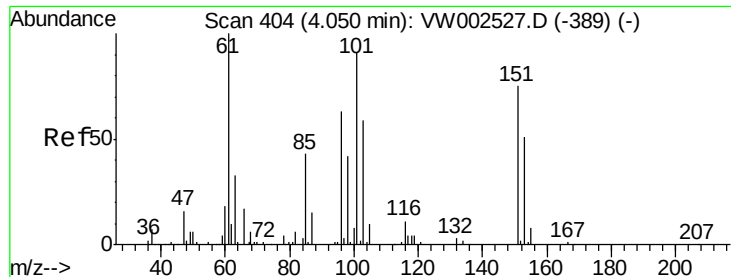


#8

Diethyl Ether
 Concen: 18.90 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.27 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

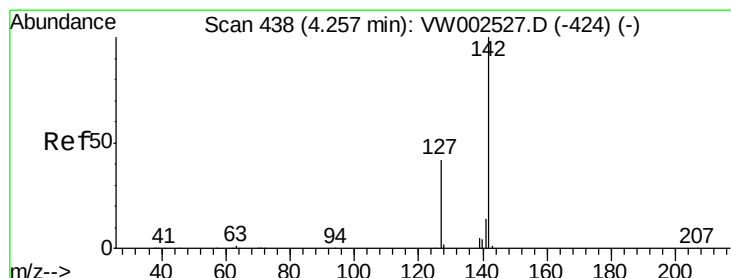
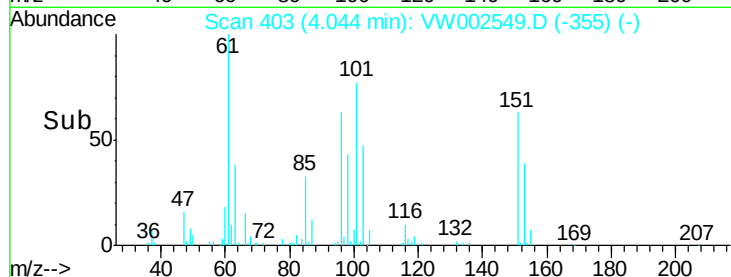
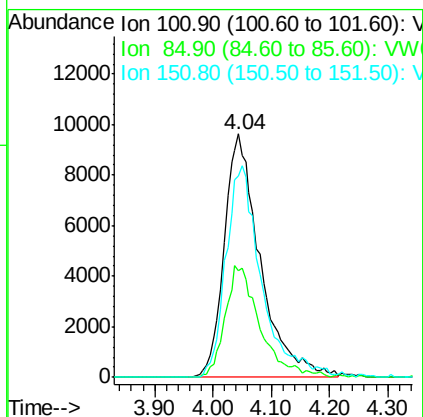
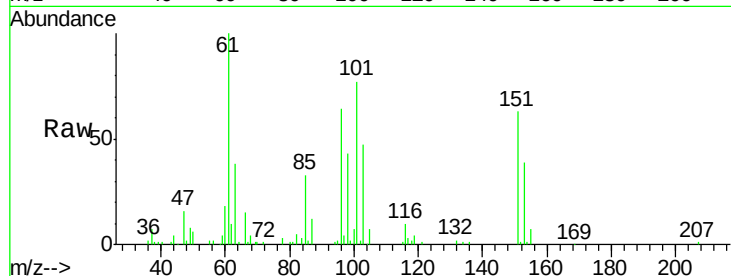
ClientSampleId :

VW0515SBS02

Tot Ion:	101	Resp:	41288
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.5	54.7
151	84.5	66.7	100.1

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#10

Methyl Iodide

Concen: 19.38 ug/l

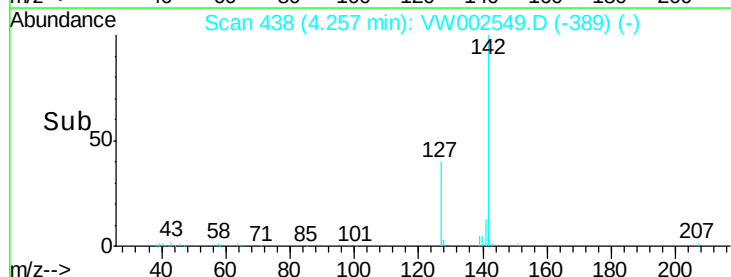
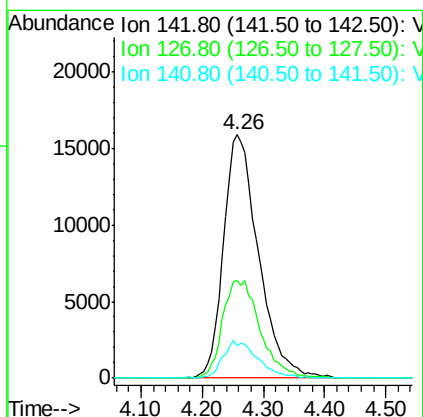
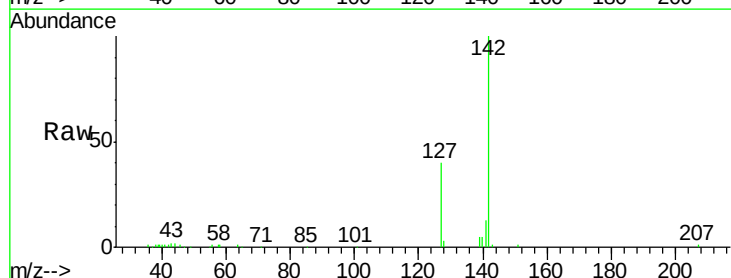
RT: 4.26 min Scan# 438

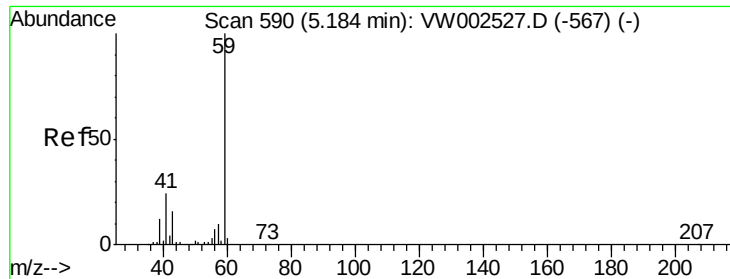
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	142	Resp:	62904
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	15.3	11.8	17.8





#11

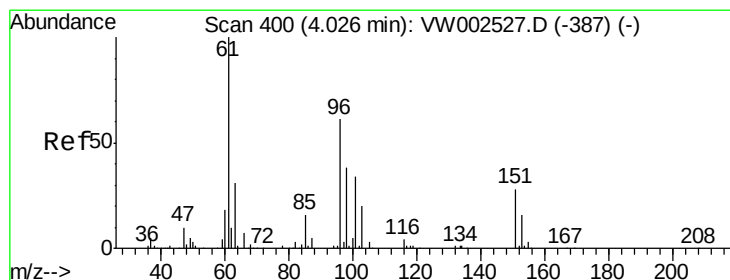
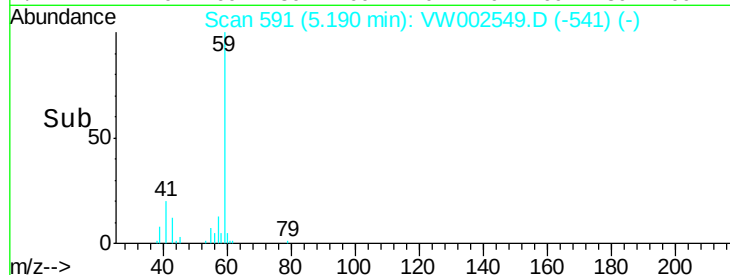
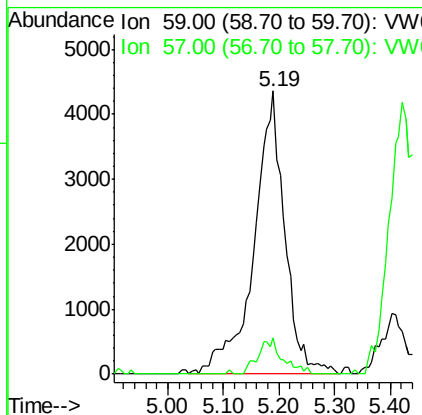
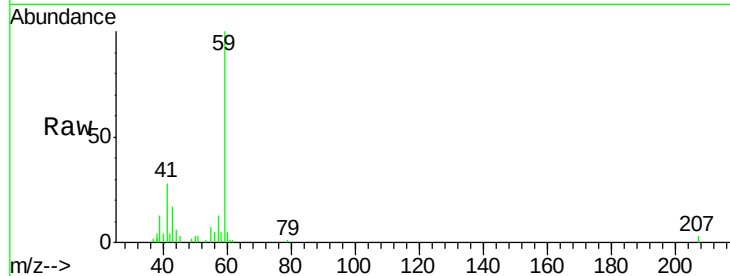
Tert butyl alcohol
Concen: 88.20 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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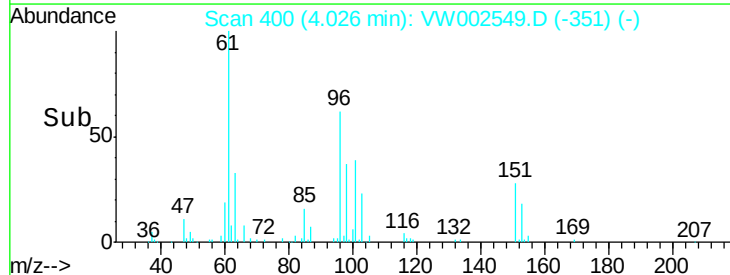
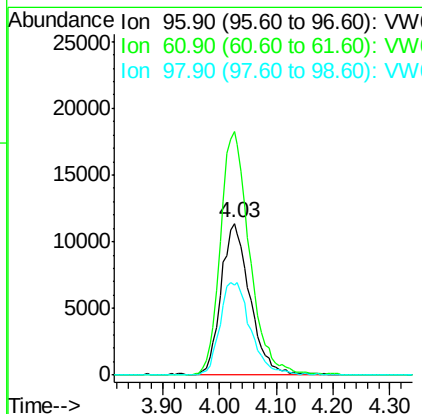
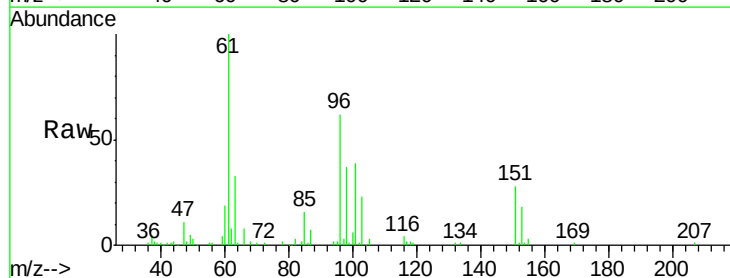
apatel
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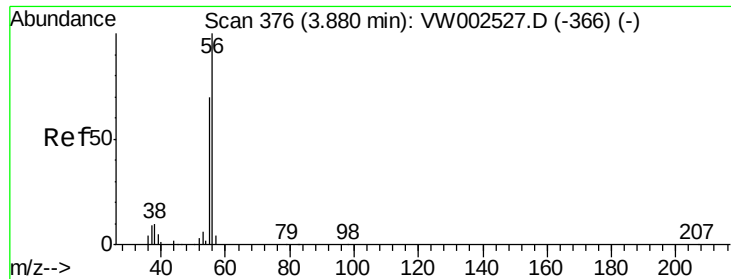


#12

1,1-Dichloroethene
Concen: 20.06 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	132.2	198.2
98	59.5	50.6	76.0





#13

Acrolein

Concen: 86.35 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 56 Resp: 16288

Ion Ratio Lower Upper

56 100

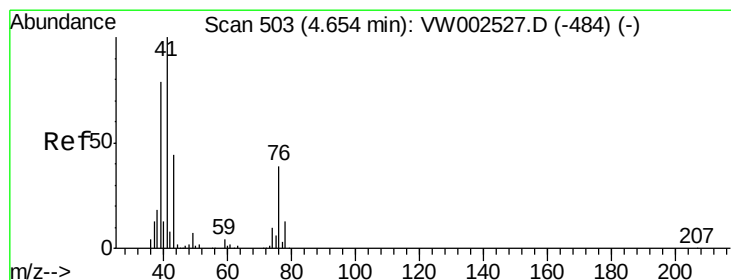
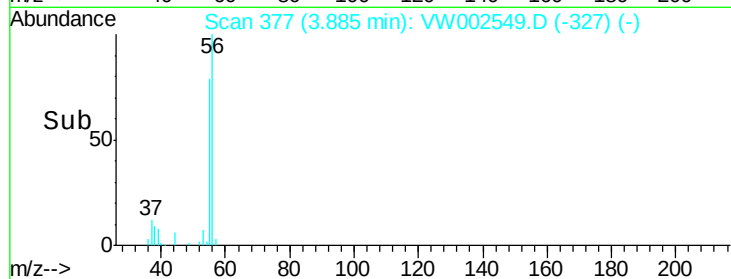
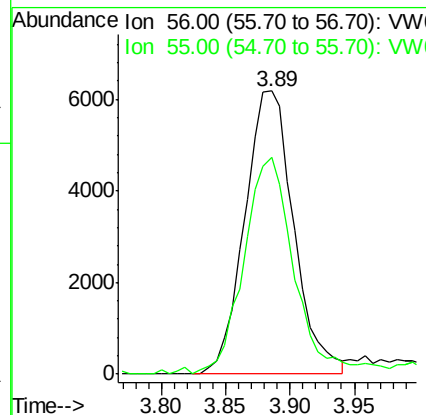
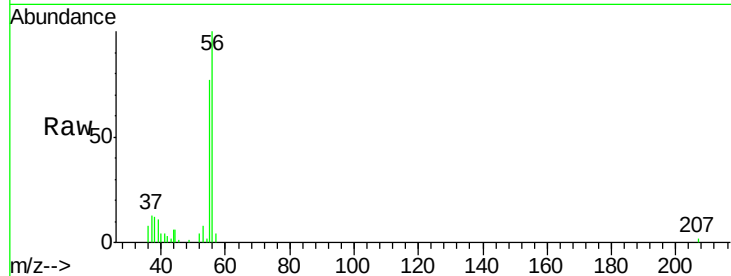
55 79.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.27 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

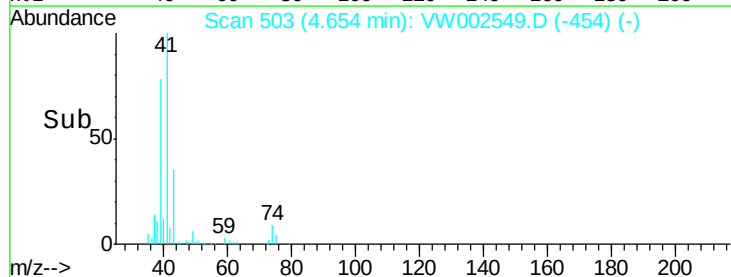
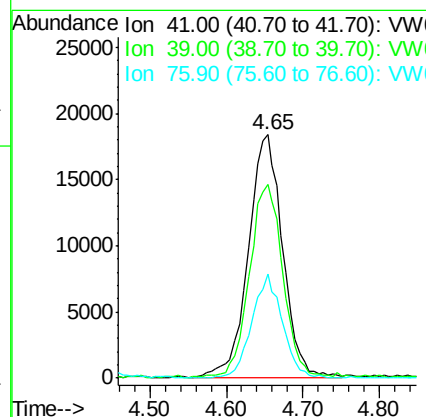
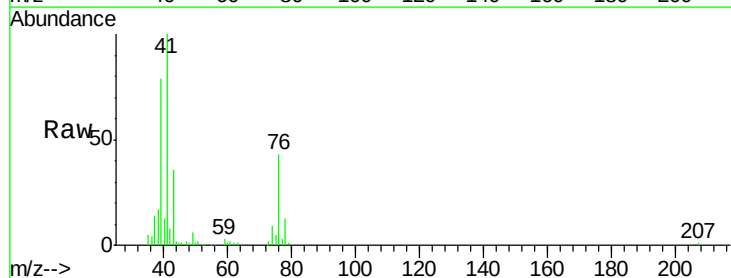
Tgt Ion: 41 Resp: 57651

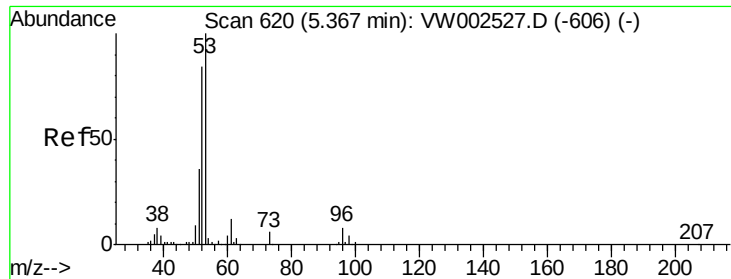
Ion Ratio Lower Upper

41 100

39 76.5 61.4 92.2

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 87.47 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

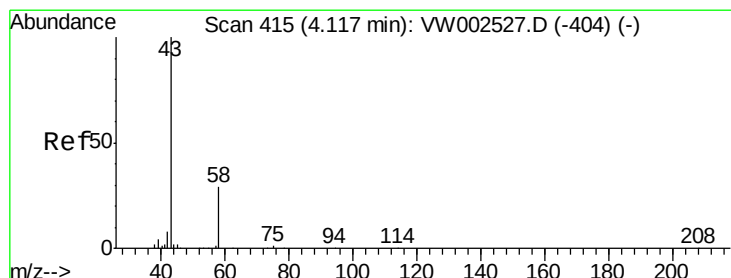
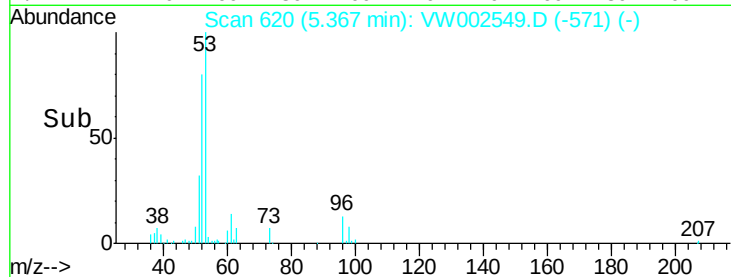
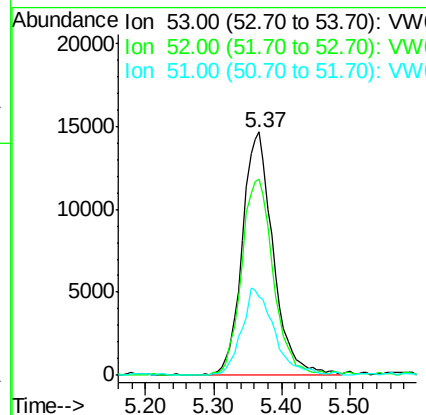
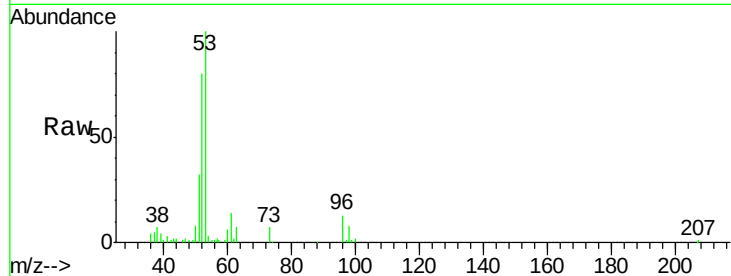
ClientSampleId :

VW0515SBS02

Tot Ion:	53	Resp:	46403
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	100.0
51	37.5	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 109.57 ug/l

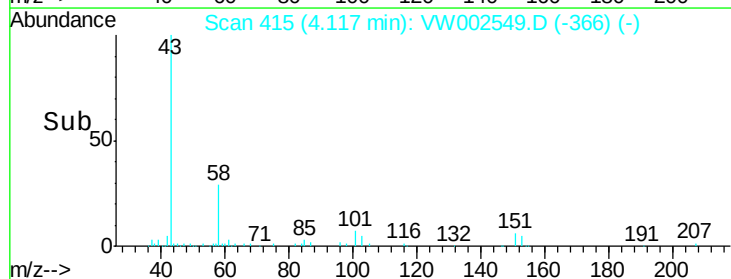
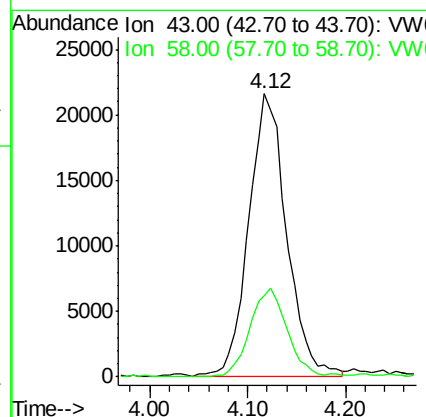
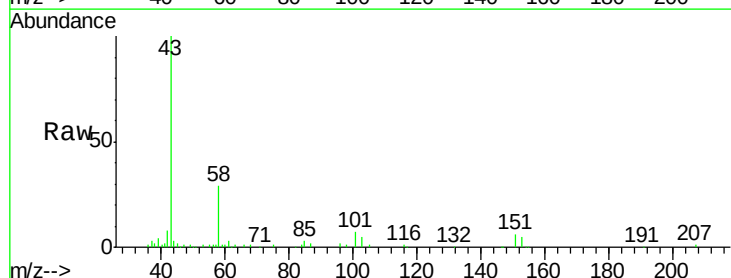
RT: 4.12 min Scan# 415

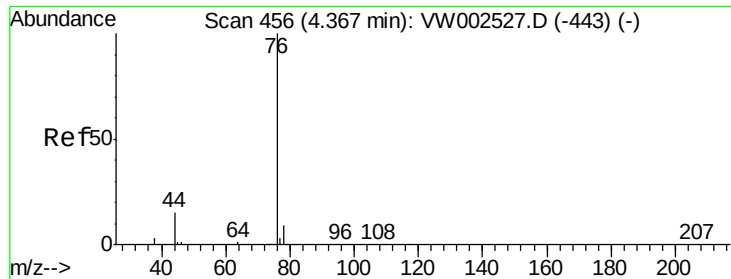
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	43	Resp:	57621
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.4	35.0





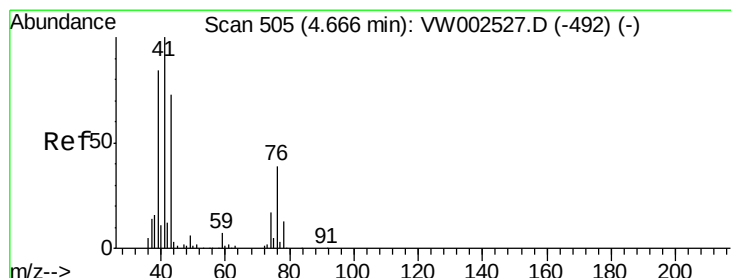
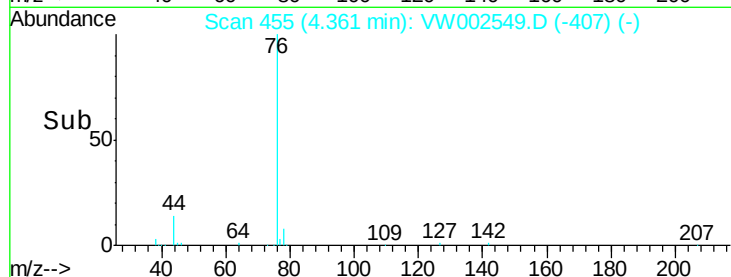
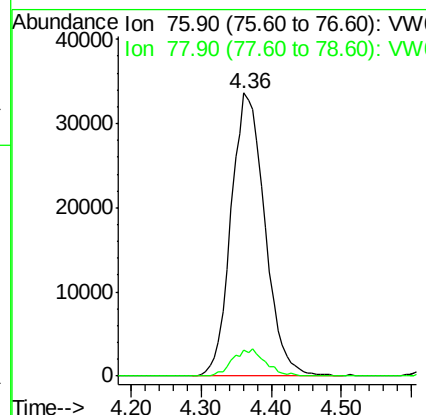
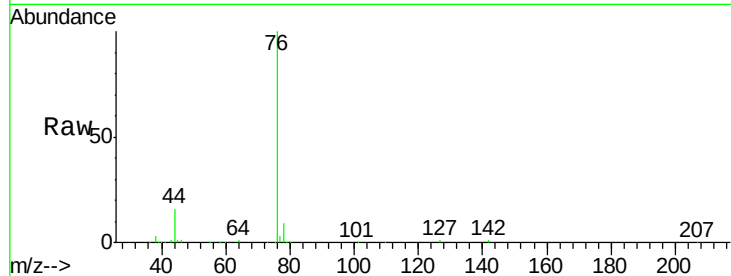
#17
Carbon Disulfide
Concen: 20.30 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
76	100	112645		
78	9.1		7.5	11.3

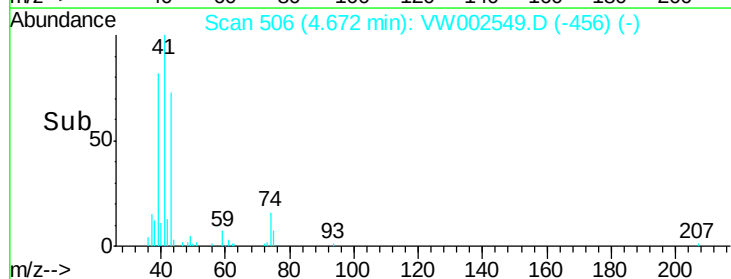
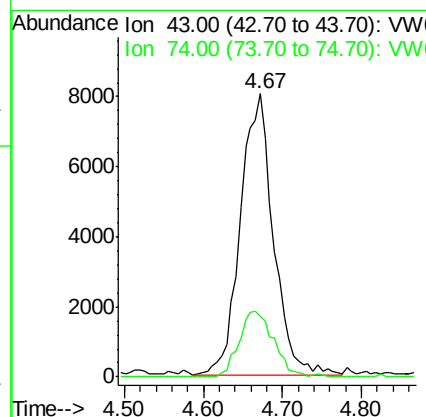
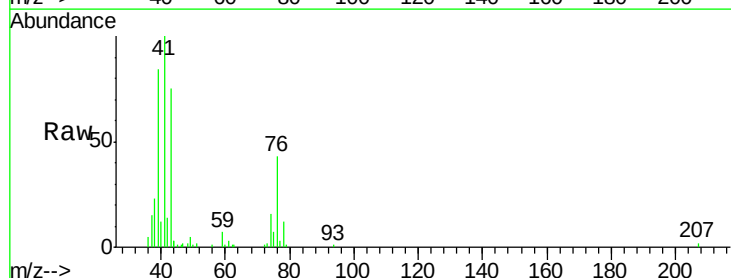
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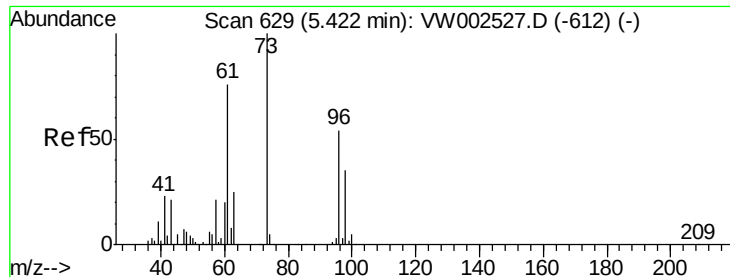
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#18
Methyl Acetate
Concen: 15.16 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	23237		
74	24.5		19.2	28.8





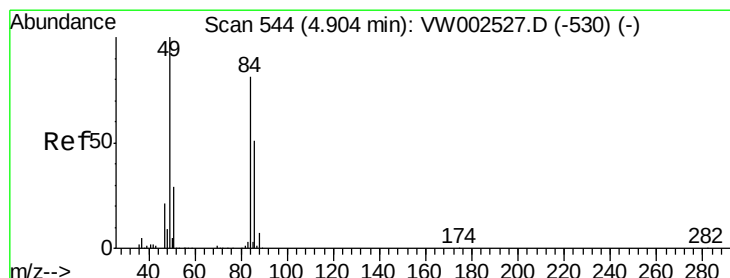
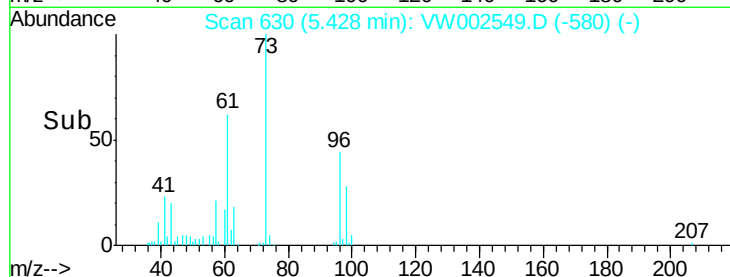
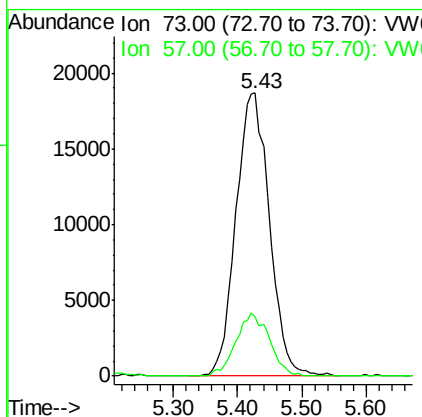
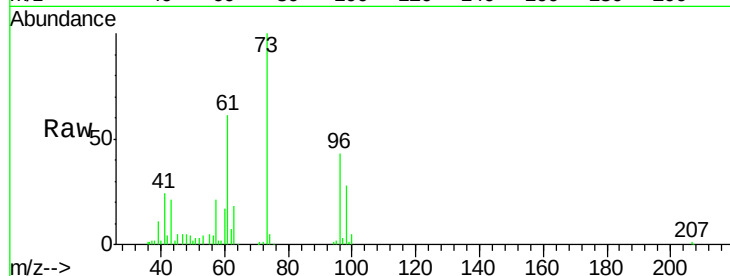
#19
Methyl tert-butyl Ether
Concen: 18.12 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion: 73 Resp: 67129
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

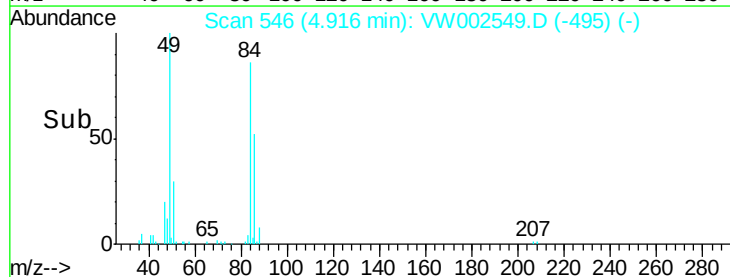
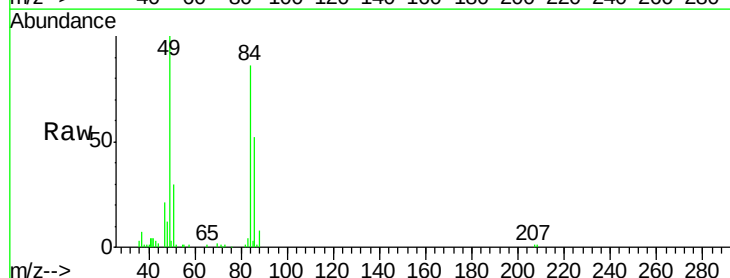
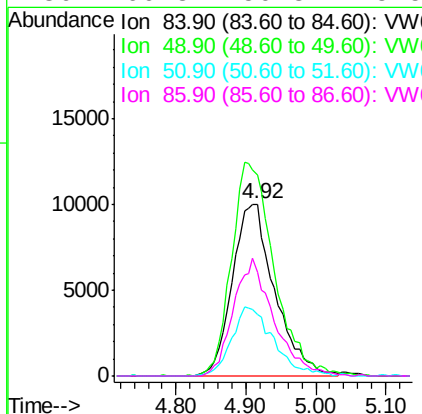
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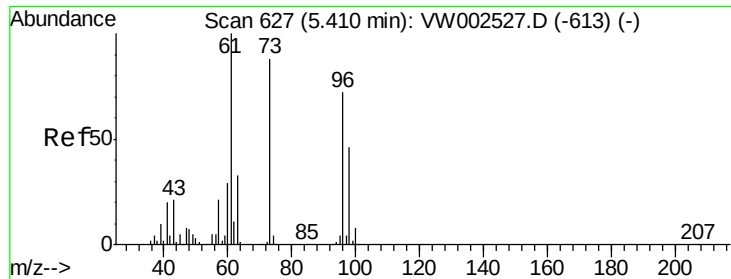
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#20
Methylene Chloride
Concen: 18.43 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion: 84 Resp: 42201
Ion Ratio Lower Upper
84 100
49 116.1 99.4 149.0
51 35.5 29.0 43.6
86 60.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.85 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

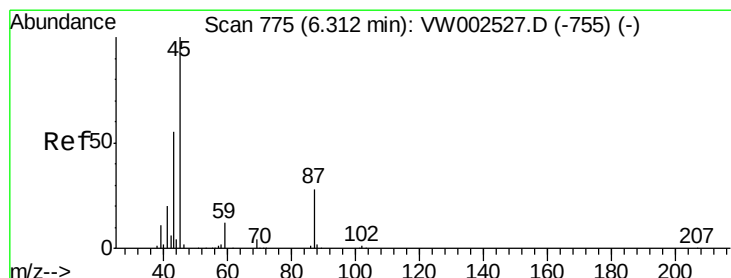
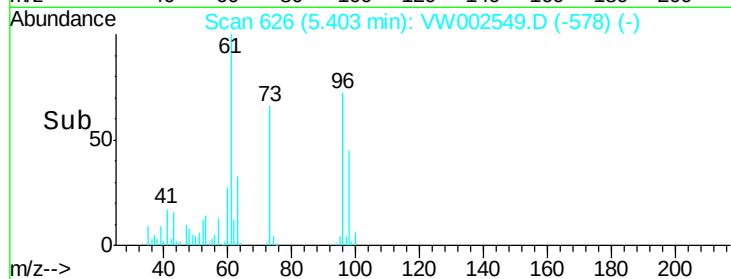
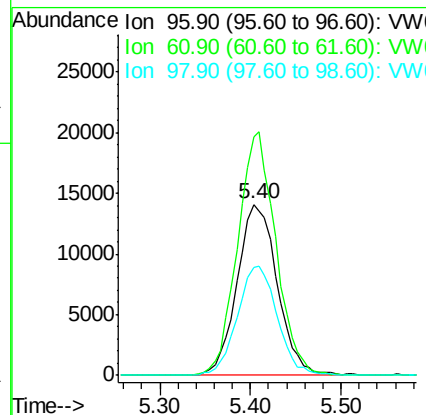
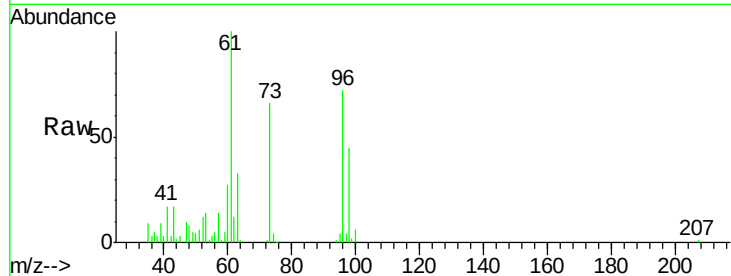
ClientSampleId :

VW0515SBS02

Tot Ion:	96	Resp:	43257
Ion	Ratio	Lower	Upper
96	100		
61	139.5	111.6	167.4
98	62.7	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.43 ug/l

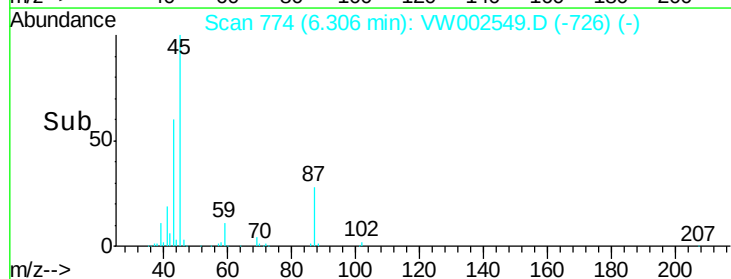
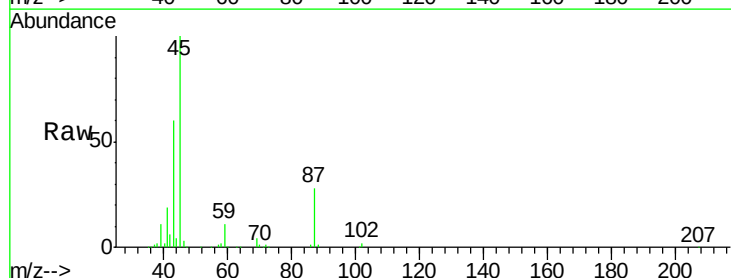
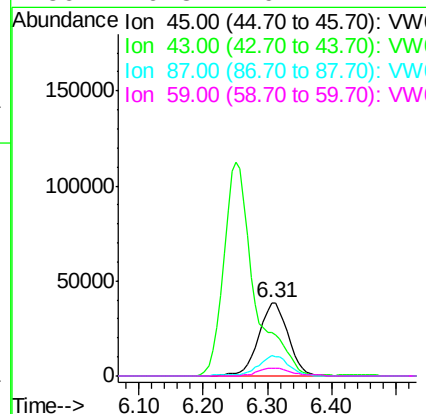
RT: 6.31 min Scan# 774

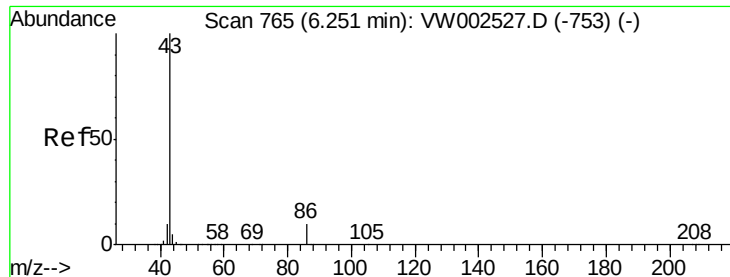
Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	45	Resp:	122166
Ion	Ratio	Lower	Upper
45	100		
43	59.6	44.4	66.6
87	28.2	23.0	34.4
59	10.8	9.4	14.2





#23

Vinyl Acetate

Concen: 93.21 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 43 Resp: 374401

Ion Ratio Lower Upper

43 100

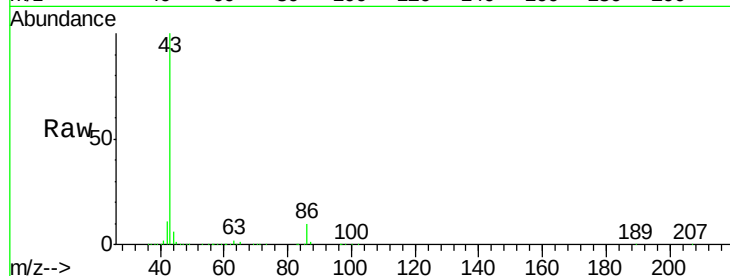
86 10.0 7.9 11.9

Manual Integrations

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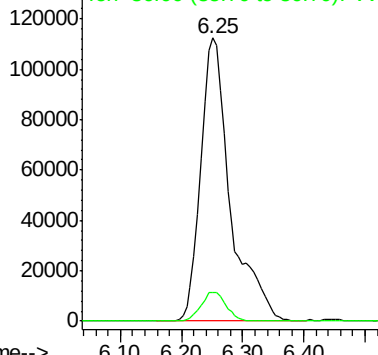
apatel

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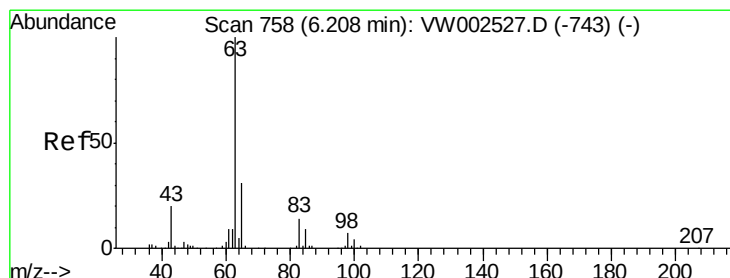
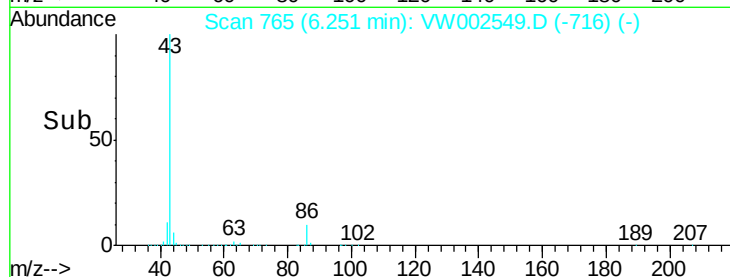


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 19.14 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

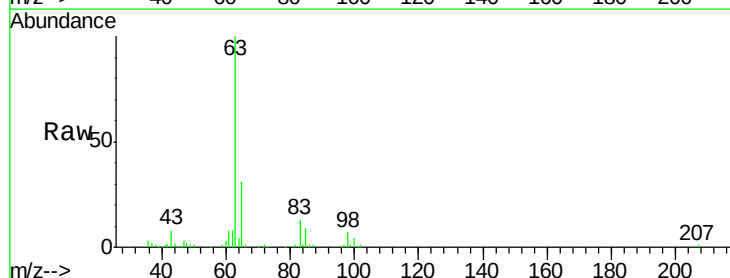
Tgt Ion: 63 Resp: 76466

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

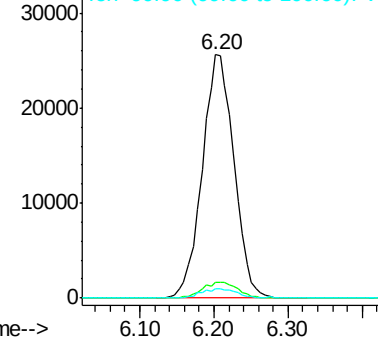
100 3.6 2.1 6.5



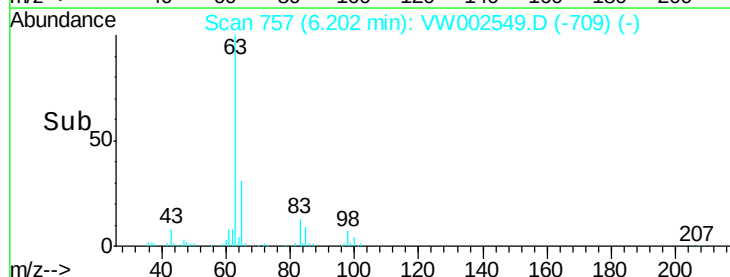
Abundance Ion 62.90 (62.60 to 63.60): VW

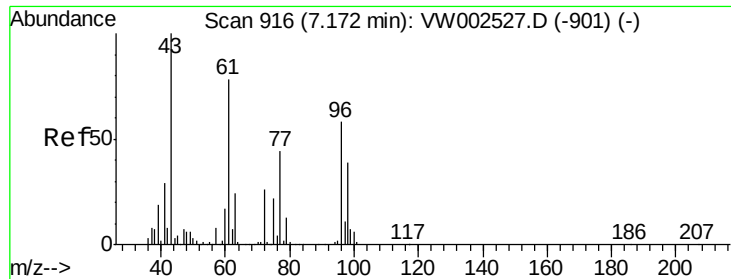
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 91.35 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampled :

VW0515SBS02

Tot Ion: 43 Resp: 67931

Ion Ratio Lower Upper

43 100

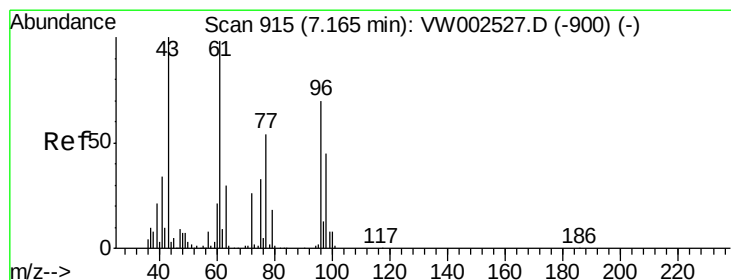
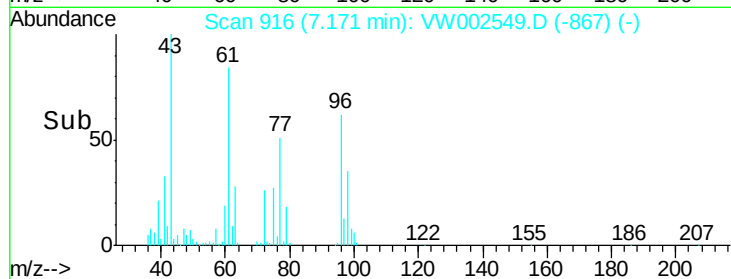
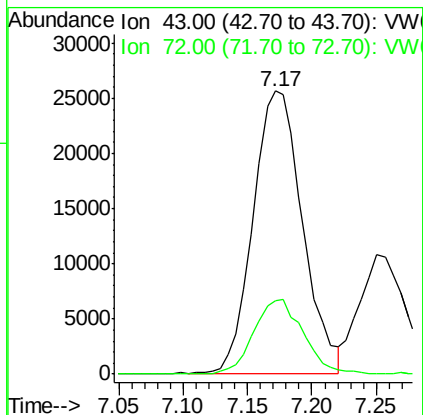
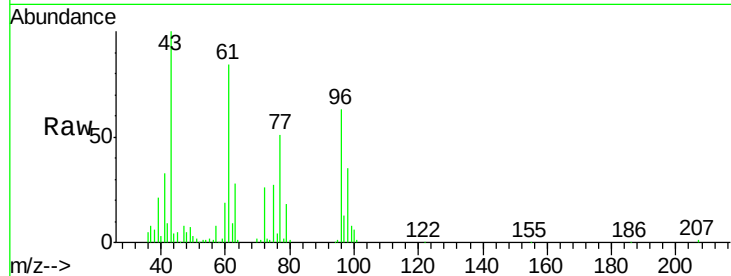
72 26.0 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.73 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002549.D

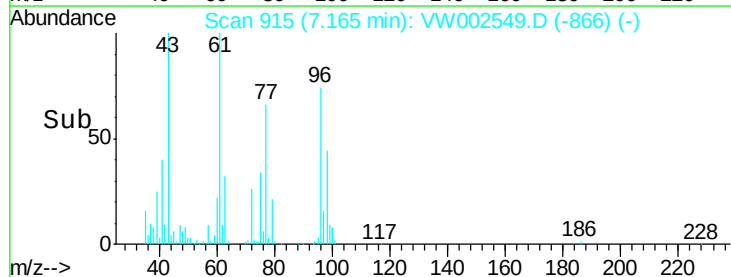
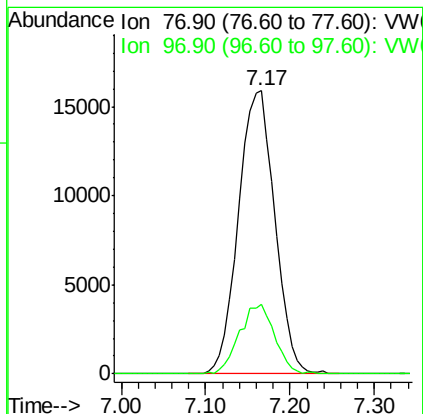
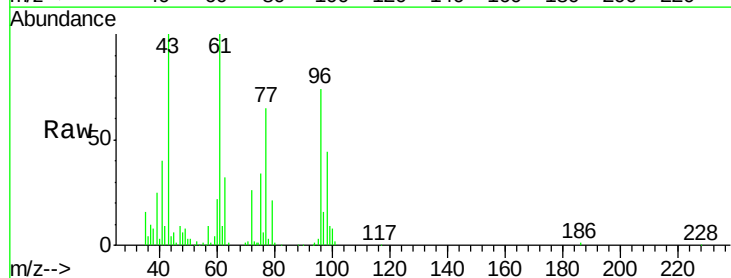
Acq: 15 May 2018 13:28

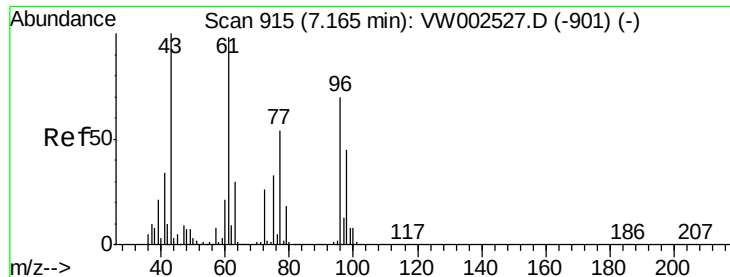
Tgt Ion: 77 Resp: 46394

Ion Ratio Lower Upper

77 100

97 23.7 12.1 36.3





#27

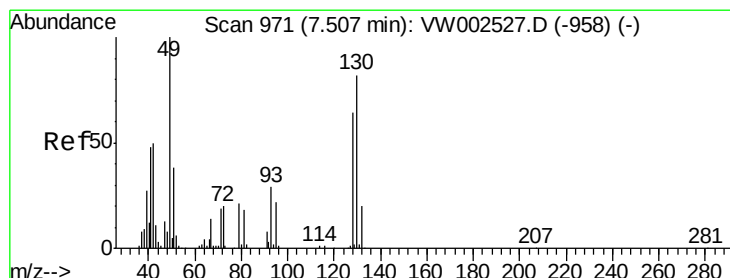
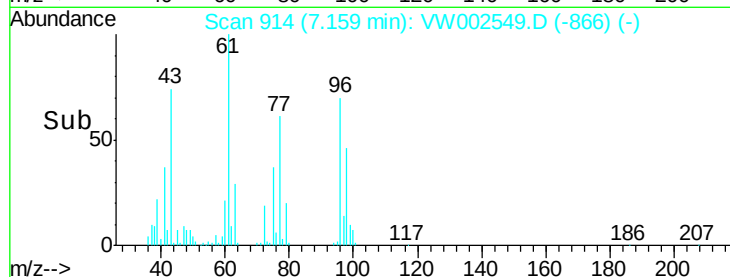
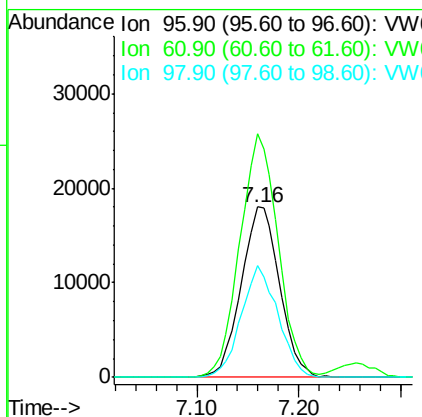
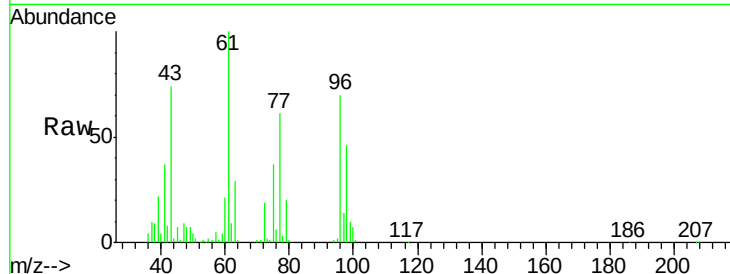
cis-1,2-Dichloroethene
Concen: 18.97 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	47181		
61	141.9		0.0	281.6
98	63.0		0.0	130.8

Manual Integrations
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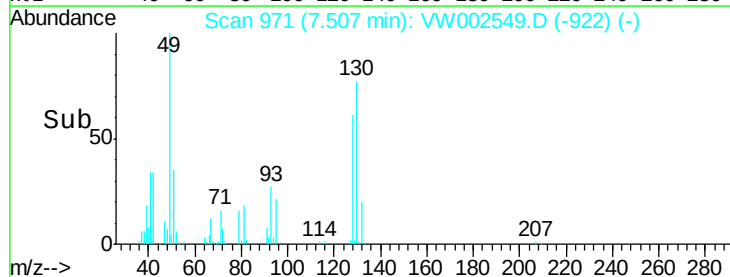
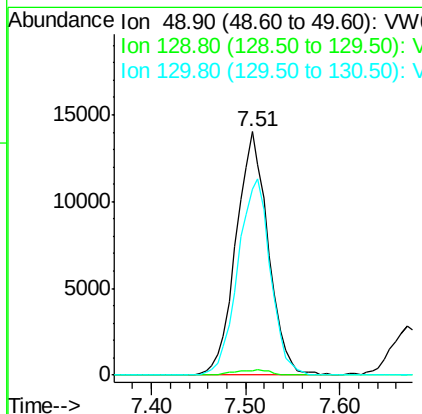
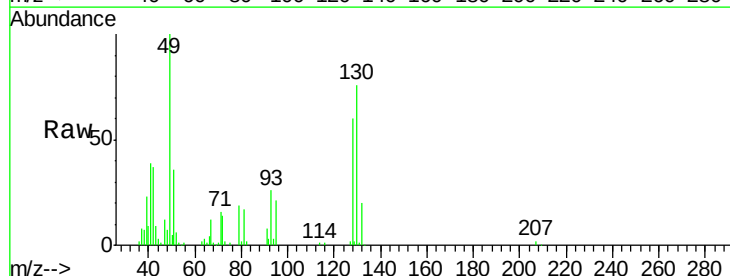
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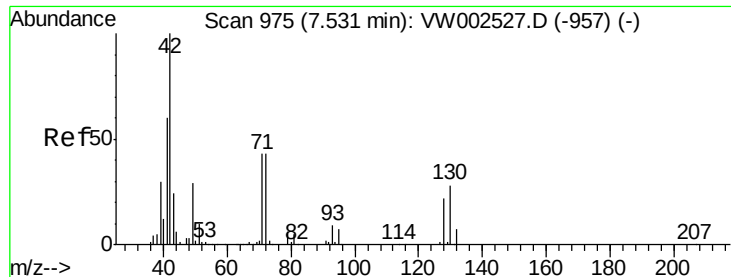


#28

Bromochloromethane
Concen: 18.75 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33427		
129	2.4		0.0	4.4
130	81.5		64.7	97.1





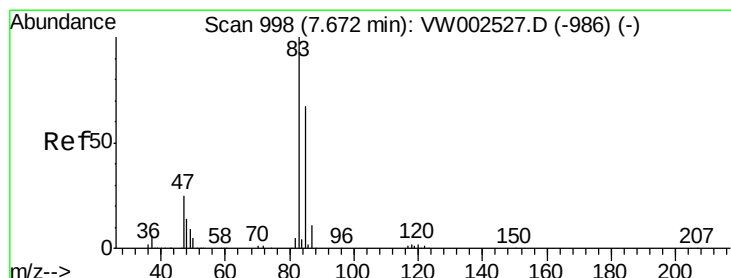
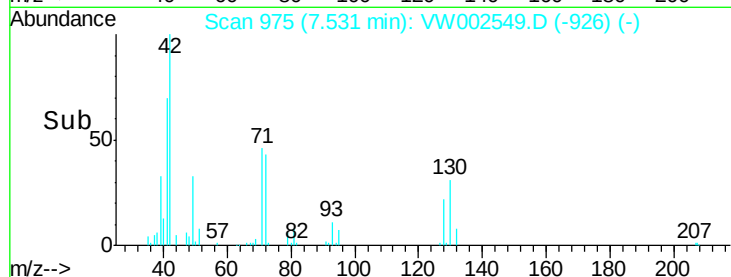
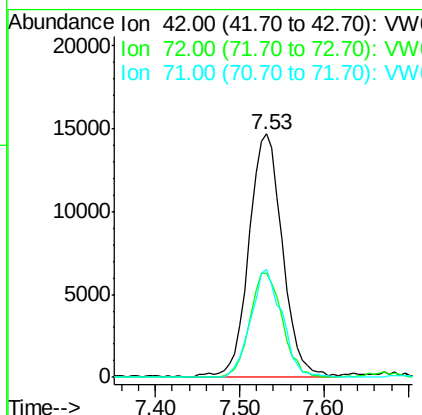
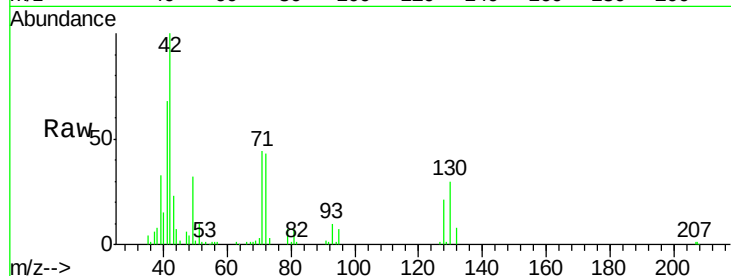
#29
Tetrahydrofuran
Concen: 85.71 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion:	42	Resp:	39814
Ion	Ratio	Lower	Upper
42	100		
72	41.2	35.0	52.4
71	41.5	33.0	49.6

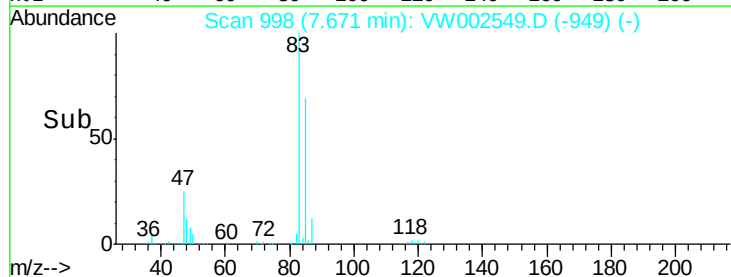
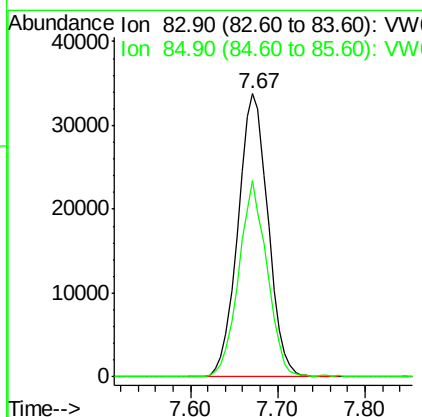
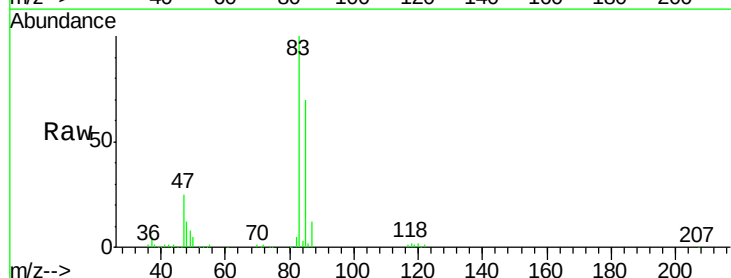
Manual Integrations
APPROVED

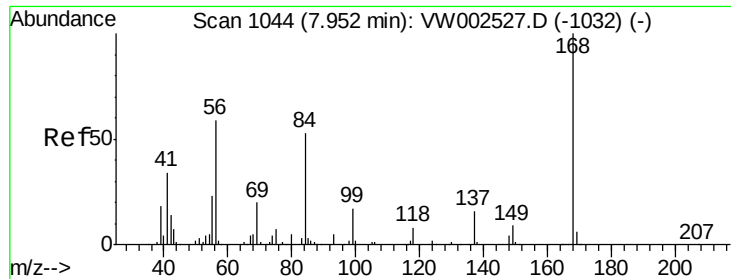
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#30
Chloroform
Concen: 18.89 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion:	83	Resp:	80582
Ion	Ratio	Lower	Upper
83	100		
85	69.6	53.9	80.9





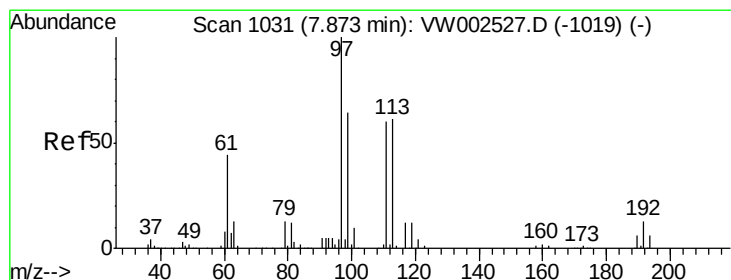
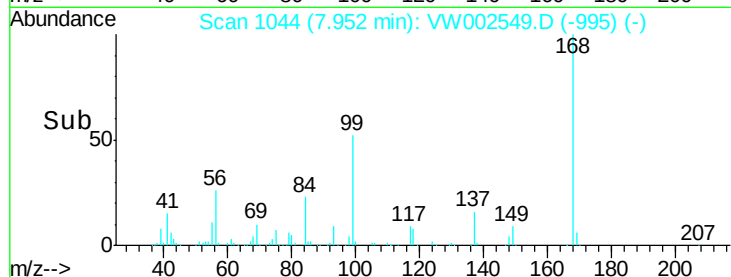
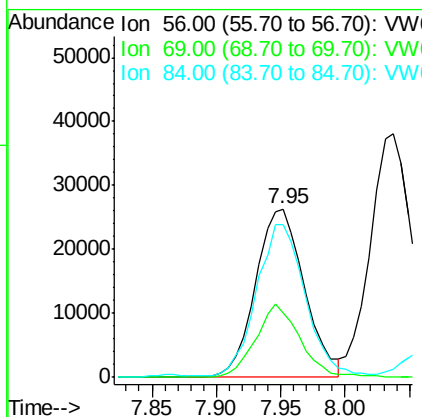
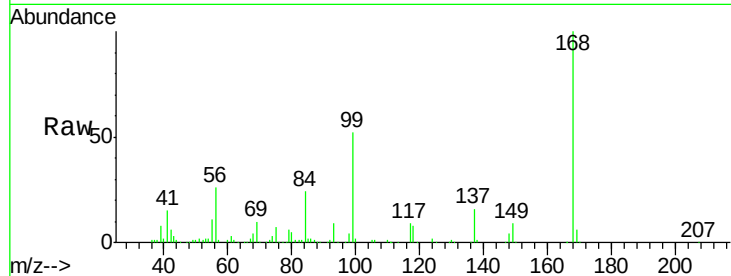
#31
Cyclohexane
Concen: 19.59 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	56	Resp	69320
Ion Ratio	Lower	Upper	
56	100		
69	38.6	27.0	40.4
84	89.7	72.2	108.2

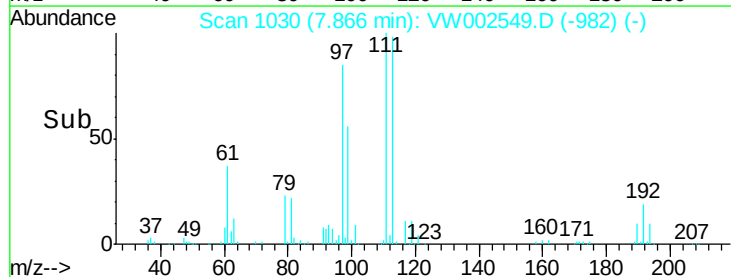
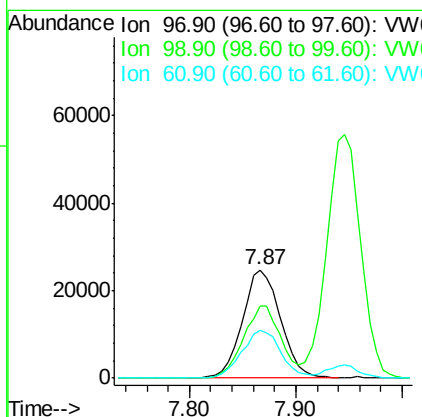
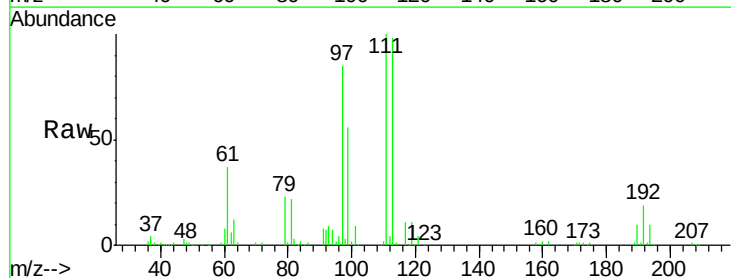
Manual Integrations
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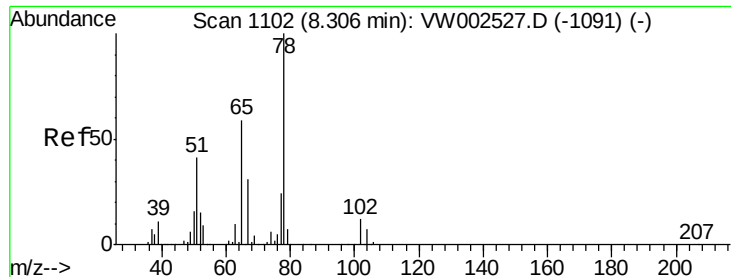
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#32
1,1,1-Trichloroethane
Concen: 19.29 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	97	Resp	62048
Ion Ratio	Lower	Upper	
97	100		
99	65.8	51.1	76.7
61	45.2	35.9	53.9





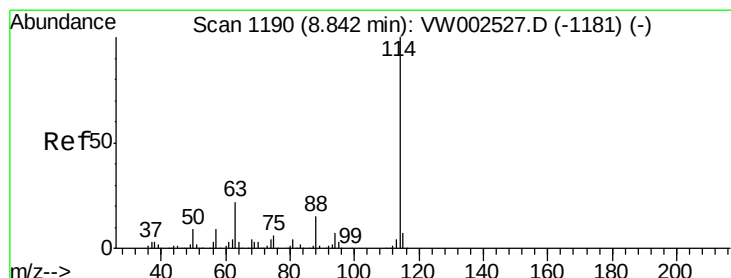
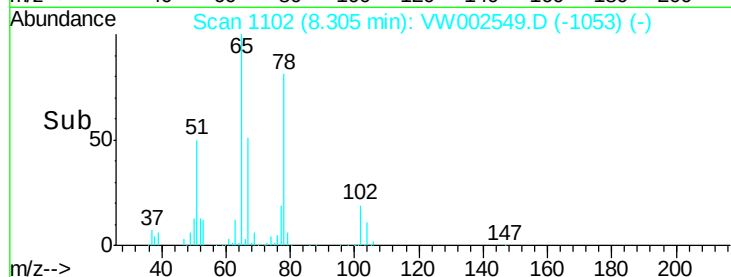
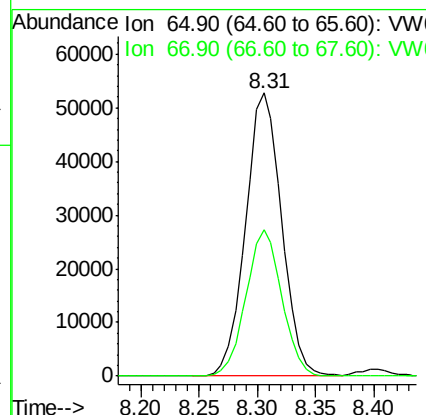
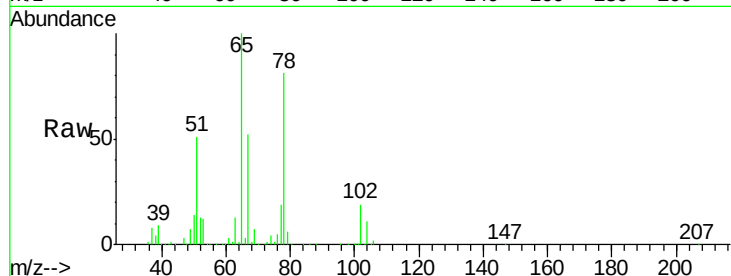
#33
 1,2-Dichloroethane-d4
 Concen: 45.82 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.4	

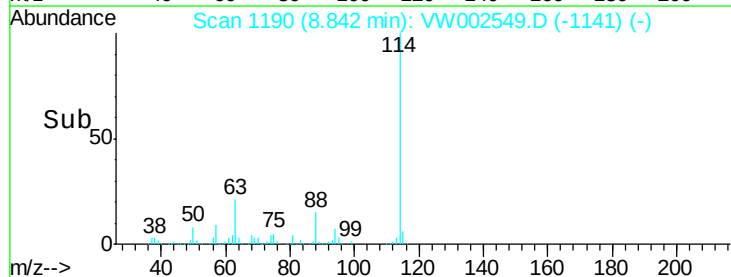
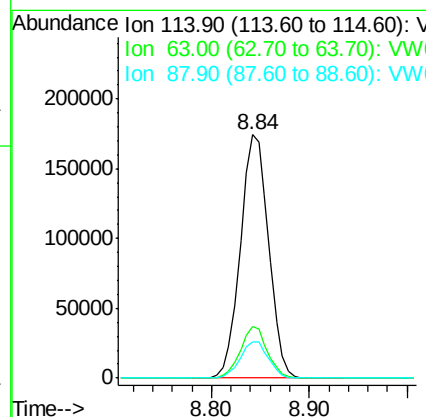
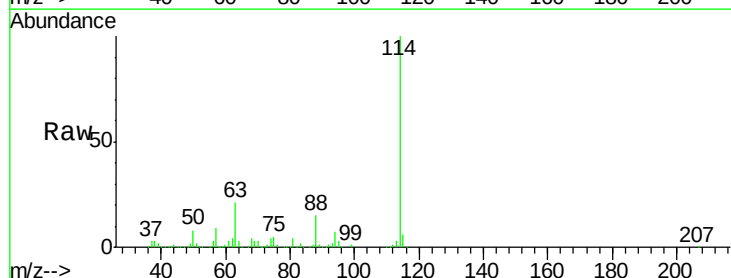
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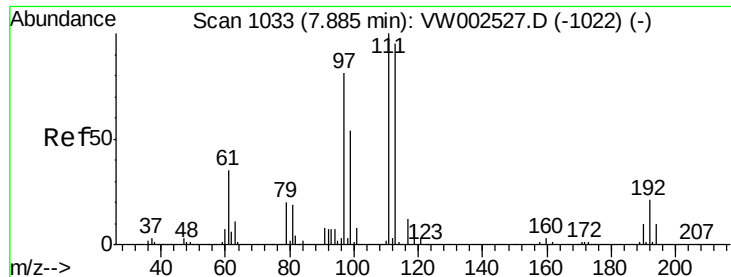
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.3	0.0	43.2	
88	15.1	0.0	29.2	





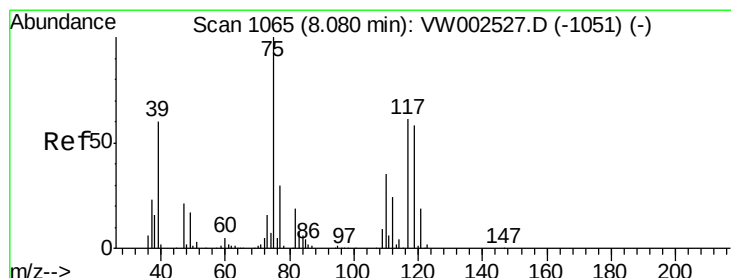
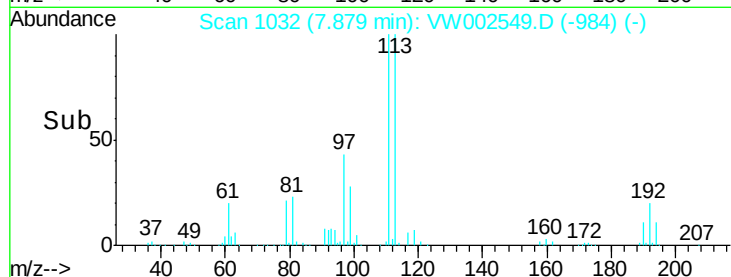
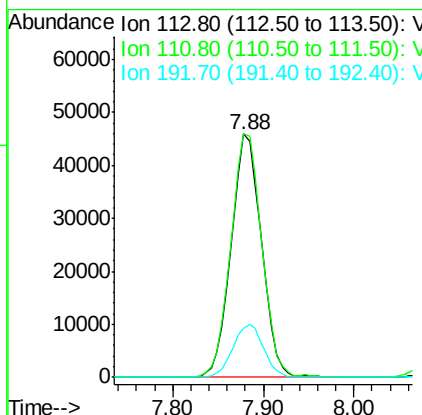
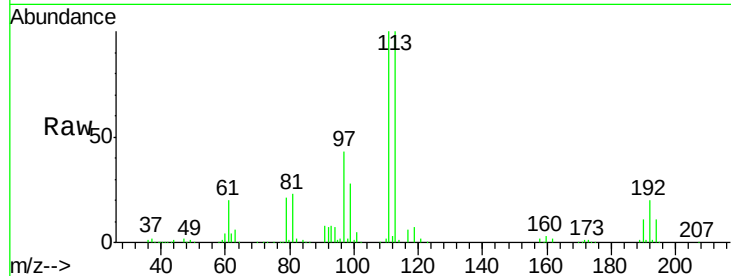
#35
 Dibromofluoromethane
 Concen: 48.42 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106665		
111	101.9	81.8	122.8	
192	21.9	17.5	26.3	

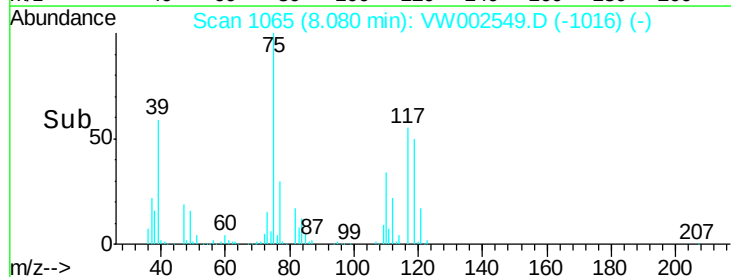
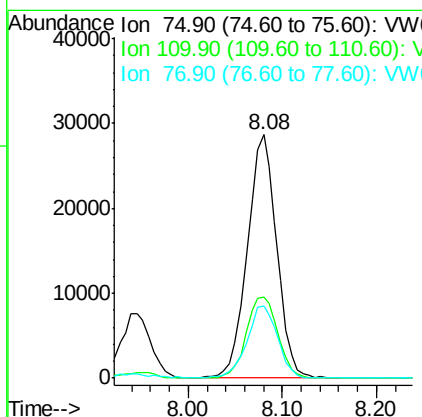
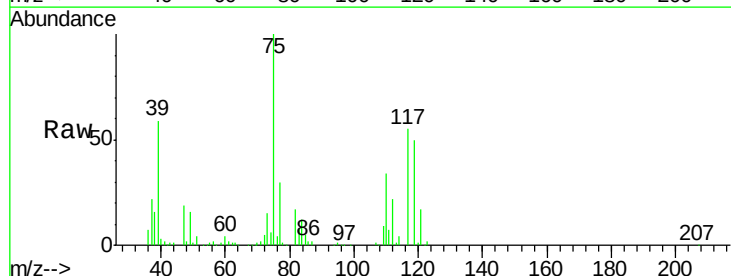
Manual Integrations
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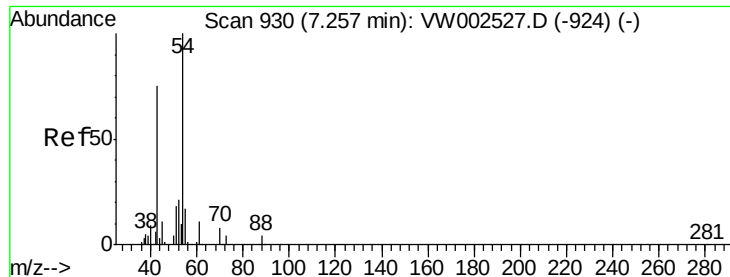
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#36
 1,1-Dichloropropene
 Concen: 20.54 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62951		
110	35.6	17.8	53.5	
77	31.0	24.5	36.7	





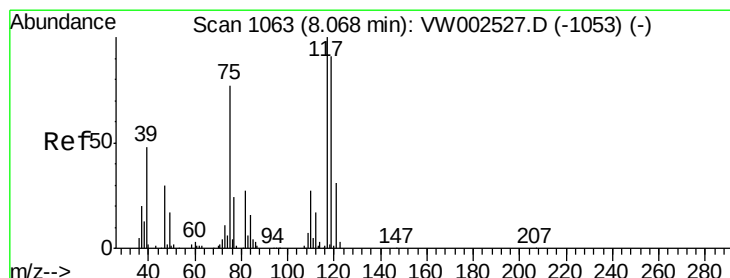
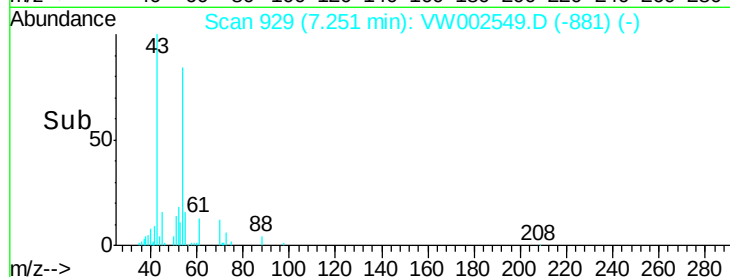
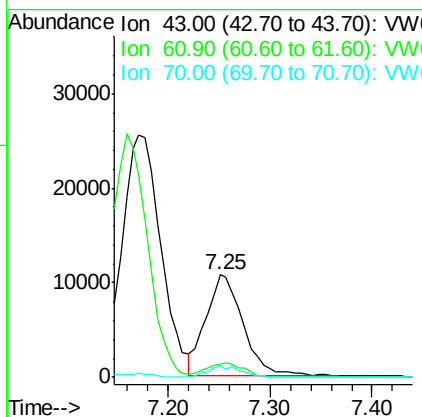
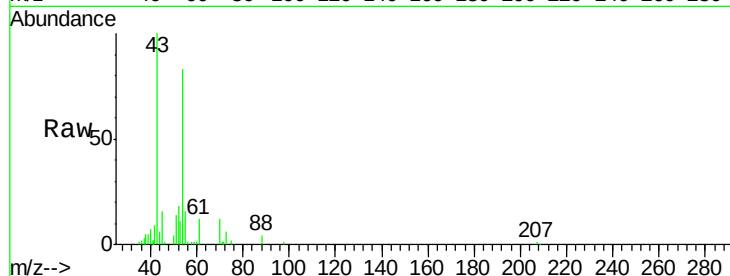
#37
Ethyl Acetate
Concen: 17.70 ug/l
RT: 7.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.5	7.8	11.8

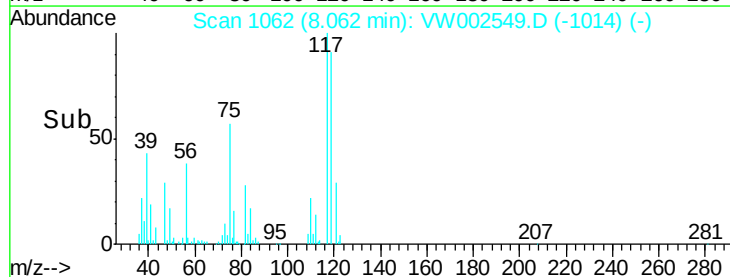
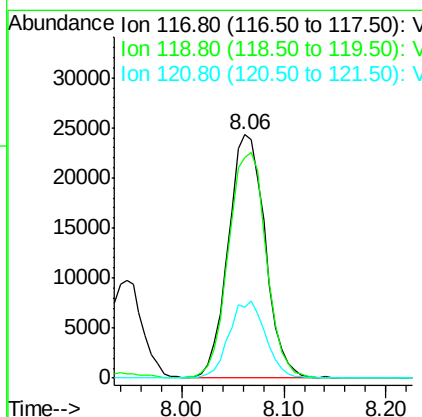
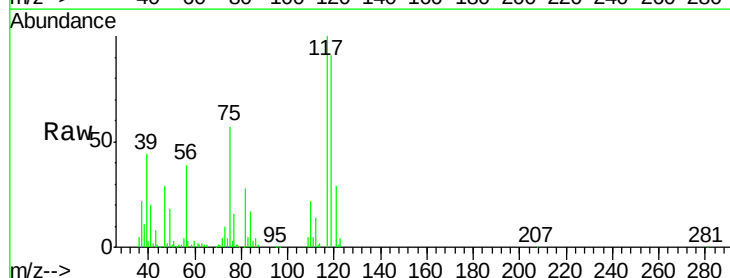
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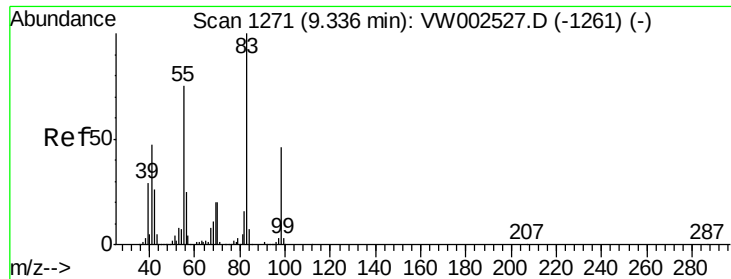
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#38
Carbon Tetrachloride
Concen: 20.33 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	73.1	109.7
121	29.2	24.4	36.6





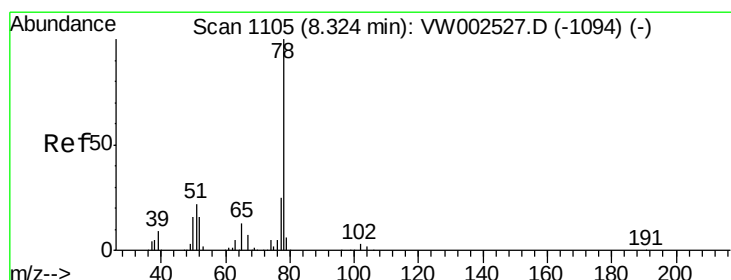
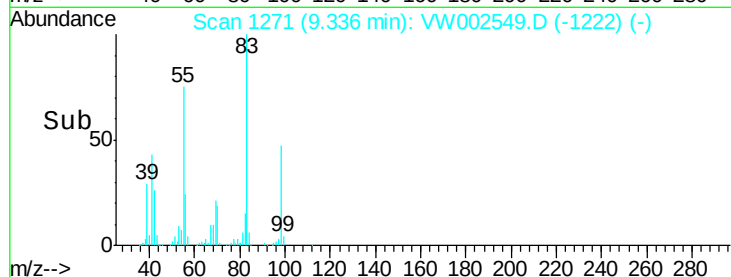
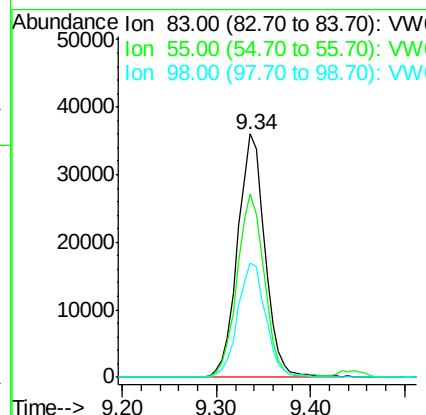
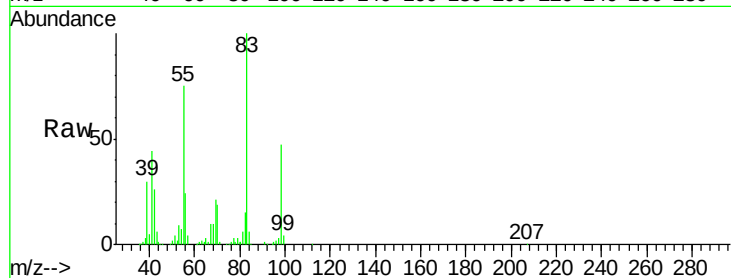
#39
Methylvlcyclohexane
Concen: 20.80 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.0	90.0
98	47.2	37.0	55.4

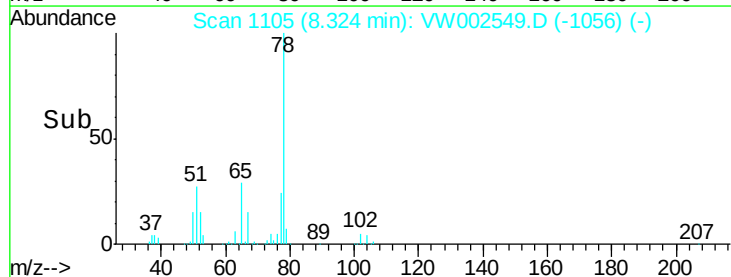
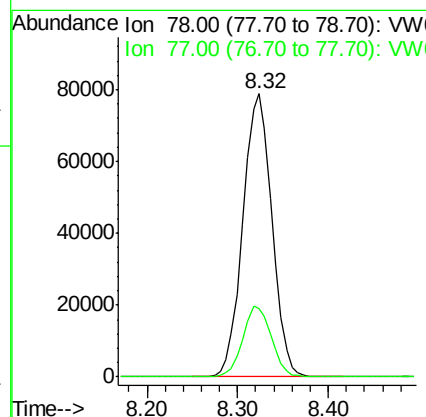
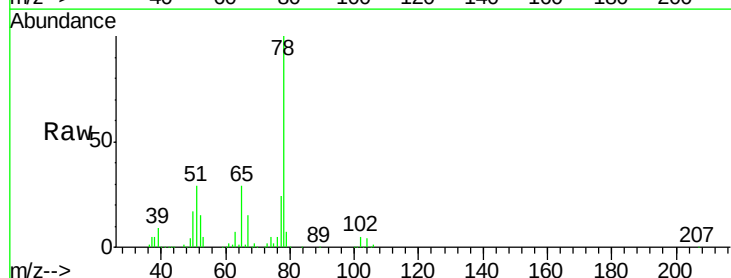
Manual Integrations
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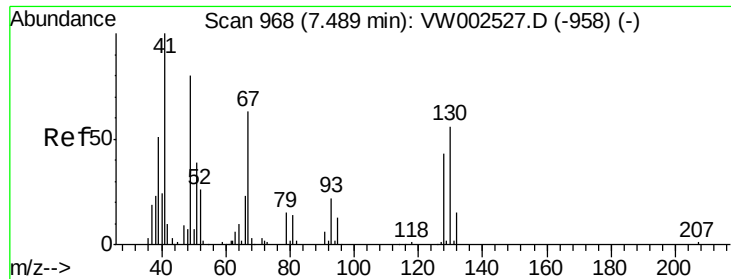
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#40
Benzene
Concen: 19.91 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.9	29.9





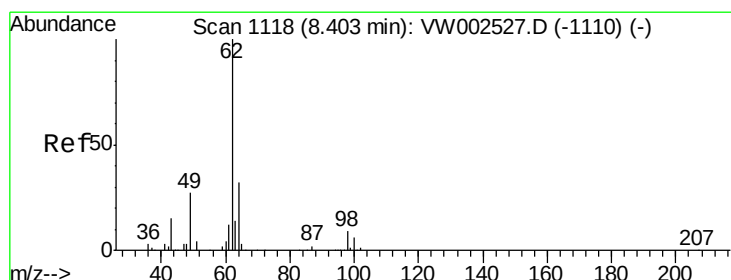
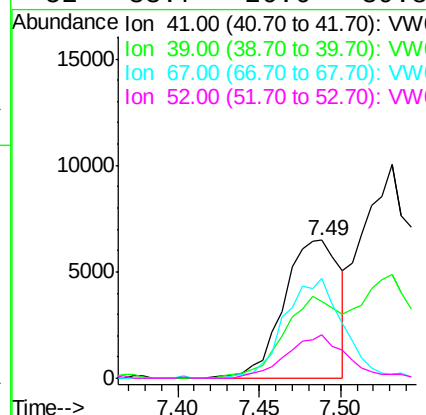
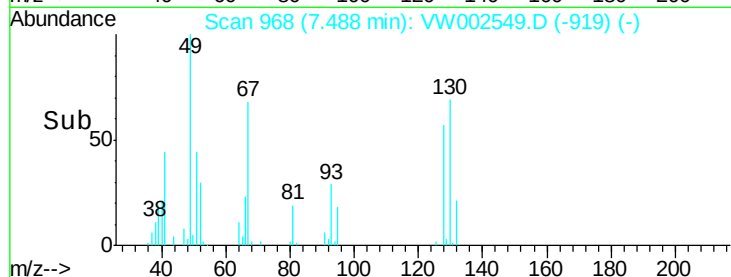
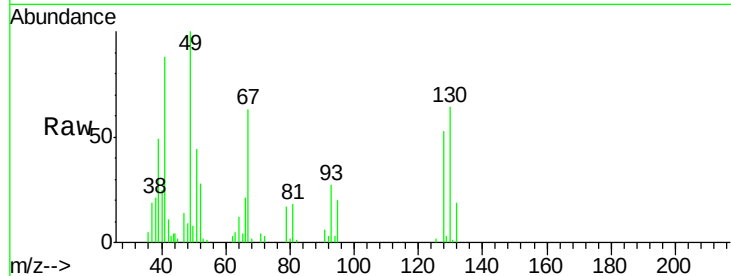
#41
Methacrylonitrile
Concen: 18.14 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		15429		
39	58.6	51.8	77.8		
67	75.9	59.9	89.9		
52	33.7	26.6	39.8		

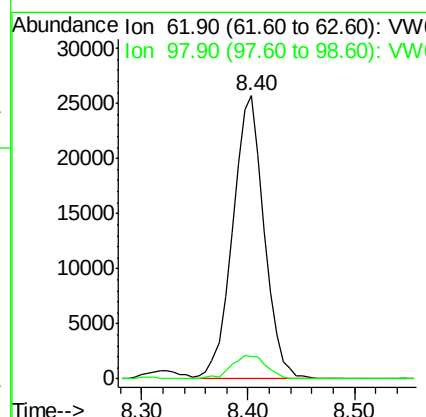
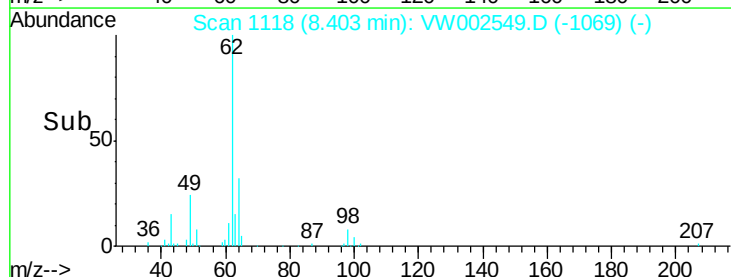
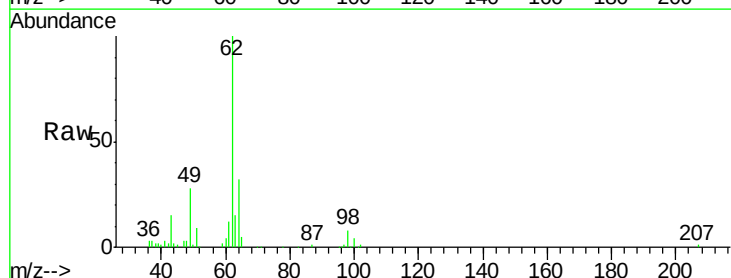
Manual Integrations
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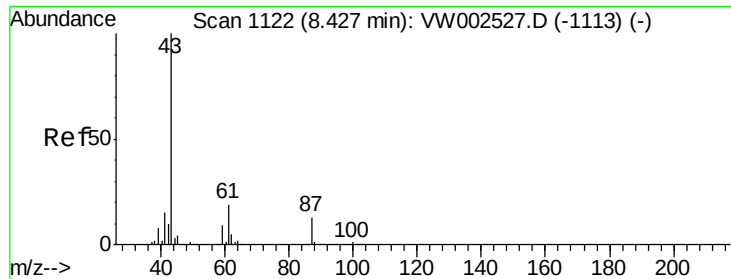
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#42
1,2-Dichloroethane
Concen: 19.04 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		53206		
98	9.4	0.0	17.8		





#43

Isopropyl Acetate

Concen: 18.25 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

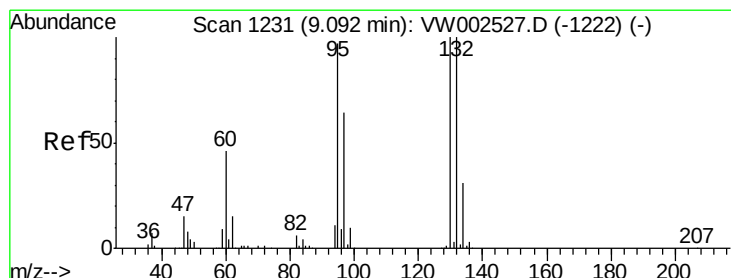
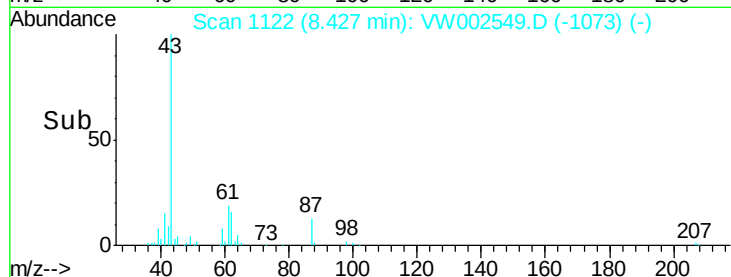
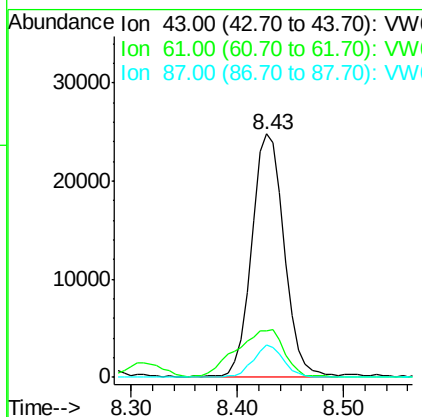
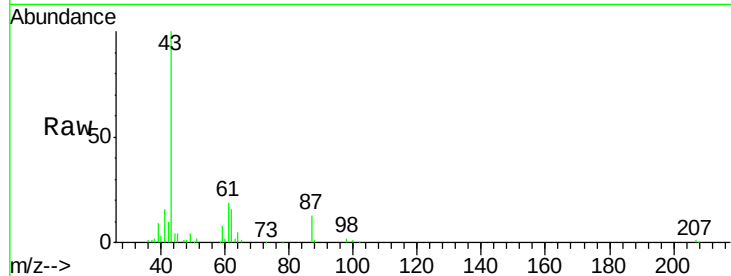
ClientSampleId :

VW0515SBS02

Tot Ion:	43	Resp:	53343
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.6
87	12.3	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 20.03 ug/l

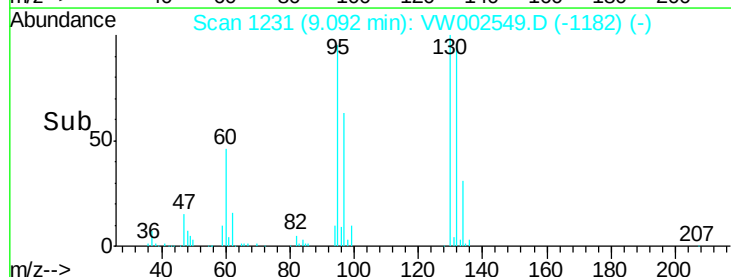
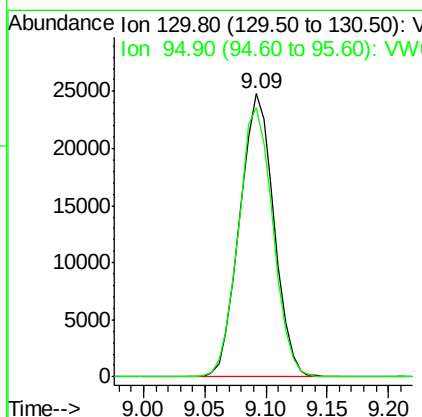
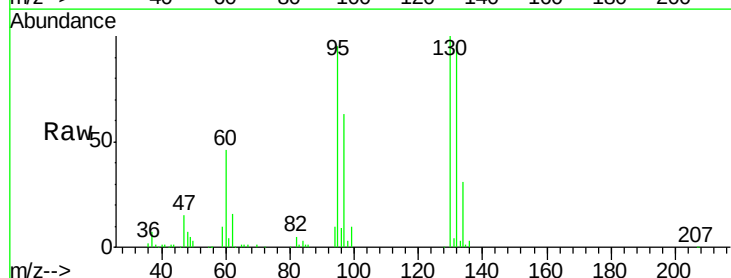
RT: 9.09 min Scan# 1231

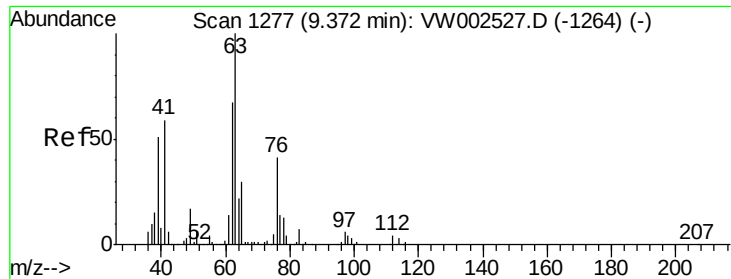
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	130	Resp:	48298
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	194.6





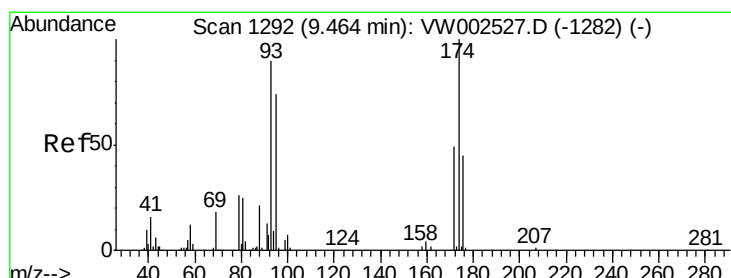
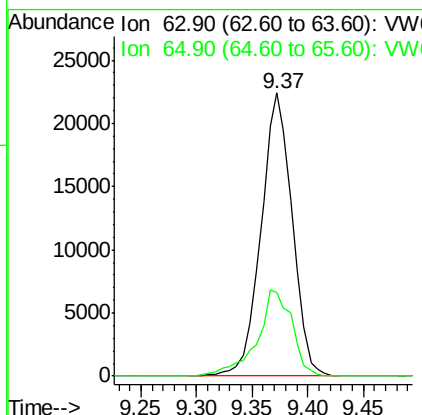
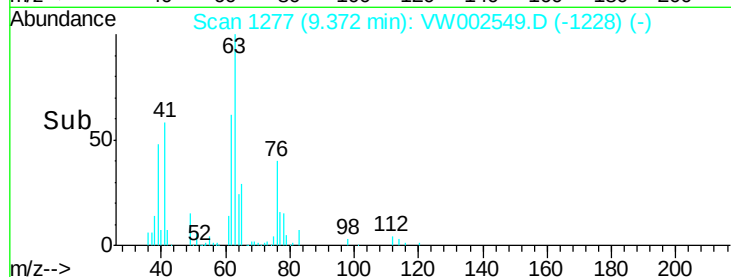
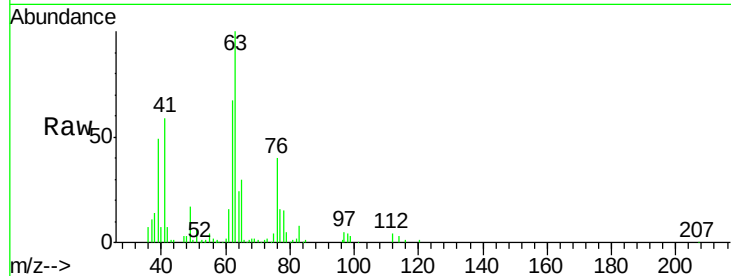
#45
 1,2-Dichloropropane
 Concen: 19.49 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.4	36.6

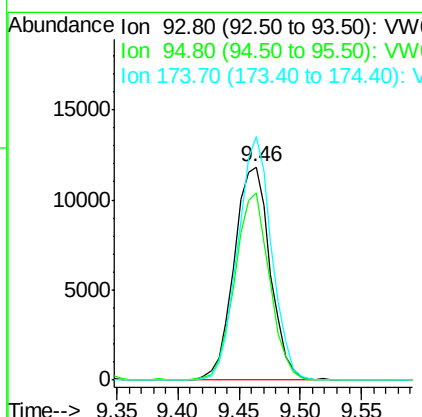
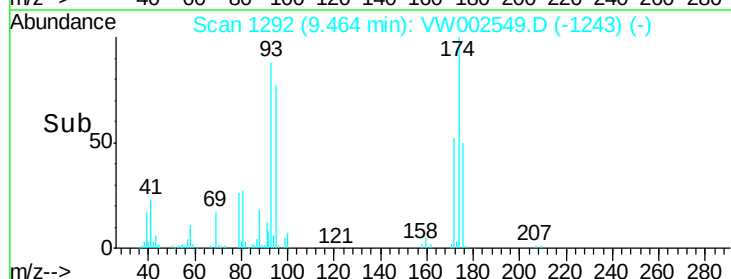
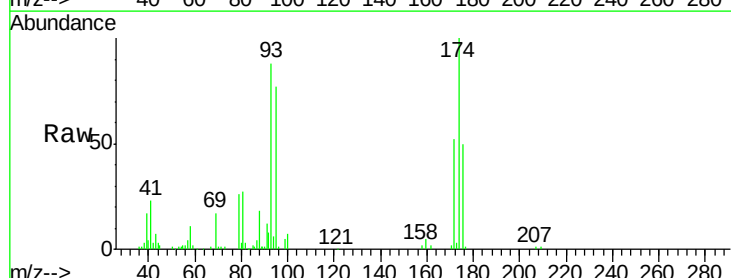
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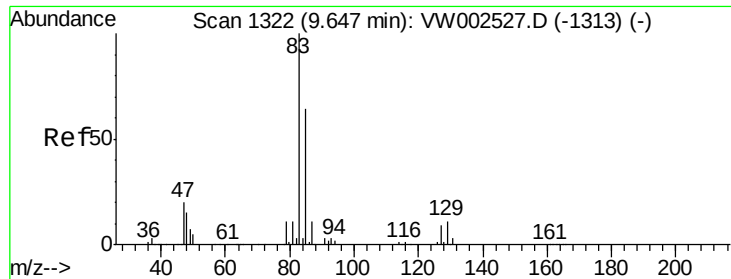
apatel
 5/16/2018 12:25:38 PM



#46
 Dibromomethane
 Concen: 18.89 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	66.6	100.0
174	107.2	84.0	126.0





#47

Bromodichloromethane

Concen: 19.45 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

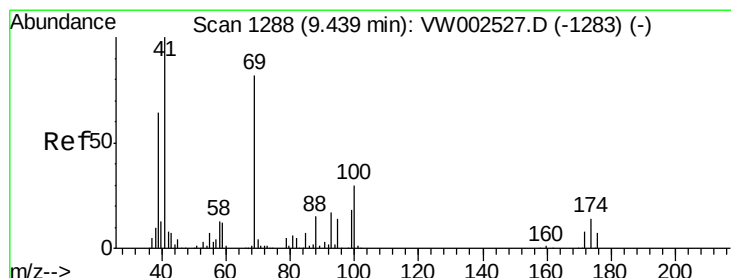
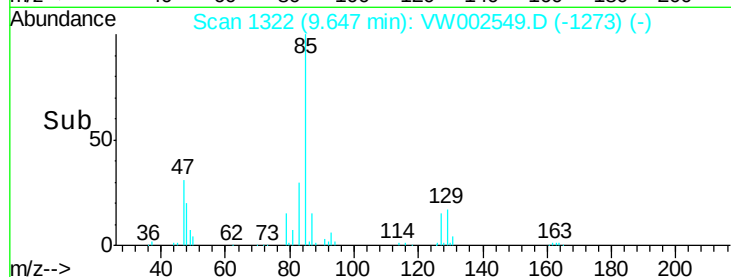
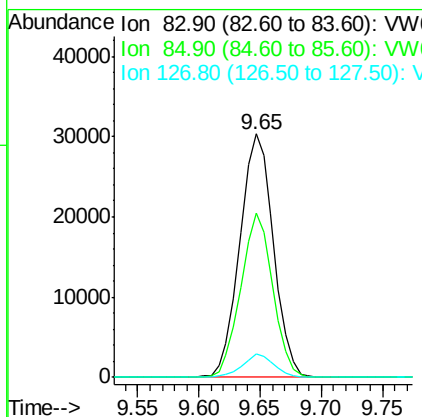
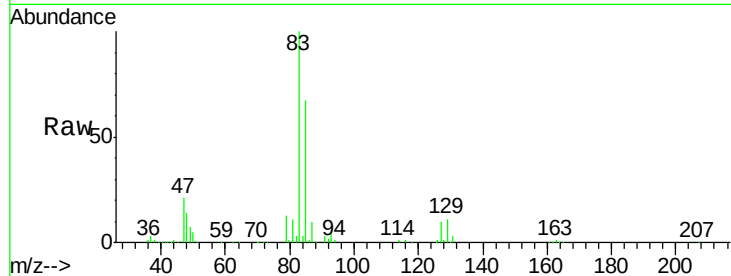
ClientSampleId :

VW0515SBS02

Tot Ion:	83	Resp:	57872
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.4	77.2
127	9.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.70 ug/l

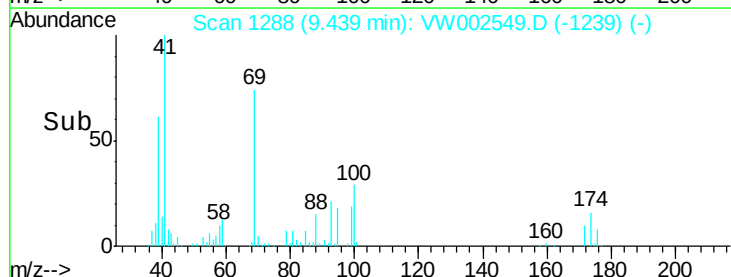
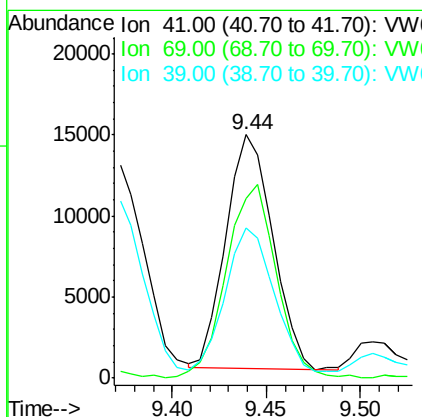
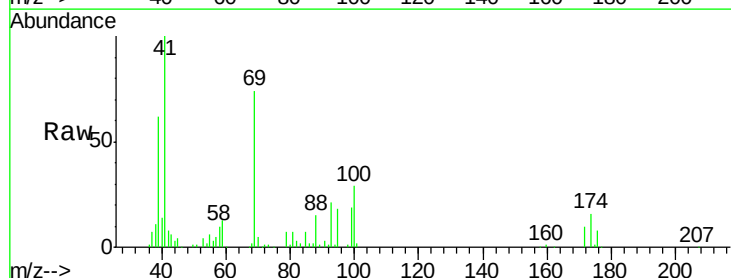
RT: 9.44 min Scan# 1288

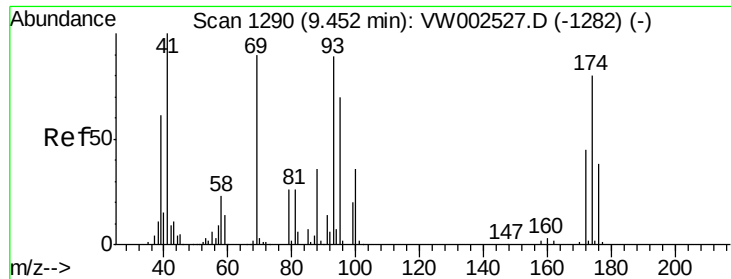
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	41	Resp:	25075
Ion	Ratio	Lower	Upper
41	100		
69	88.2	69.7	104.5
39	68.9	55.0	82.4





#49

1,4-Dioxane

Concen: 358.89 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

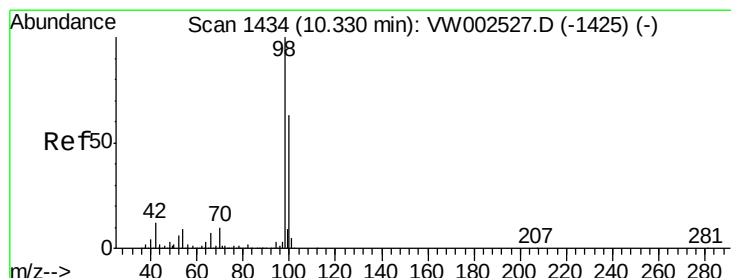
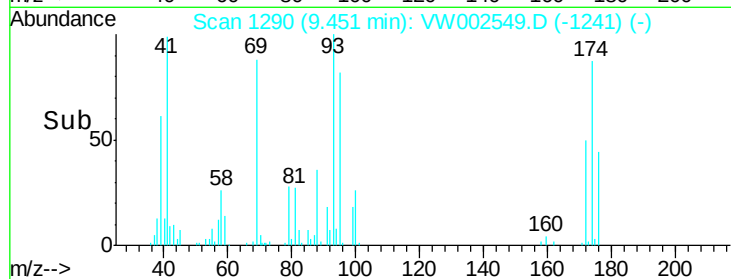
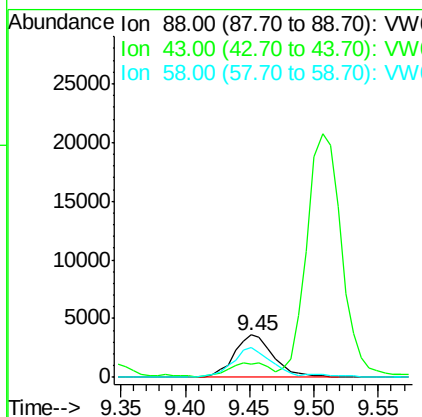
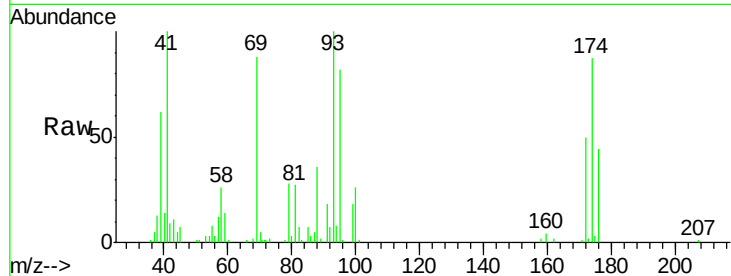
ClientSampleId :

VW0515SBS02

Tot Ion	88	Resp	7631
Ion	Ratio	Lower	Upper
88	100		
43	31.3	27.0	40.4
58	68.5	56.9	85.3

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#50

Toluene-d8

Concen: 50.48 ug/l

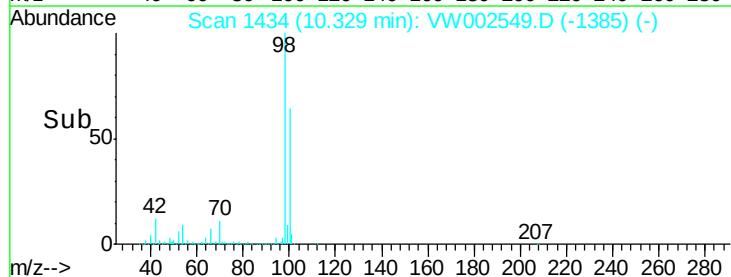
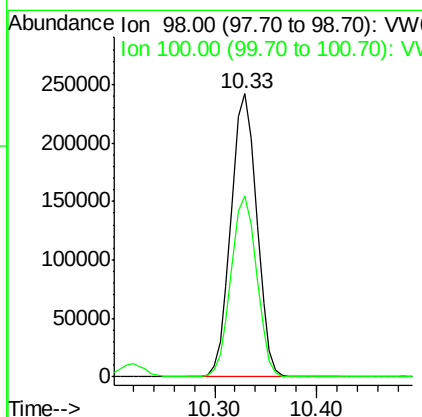
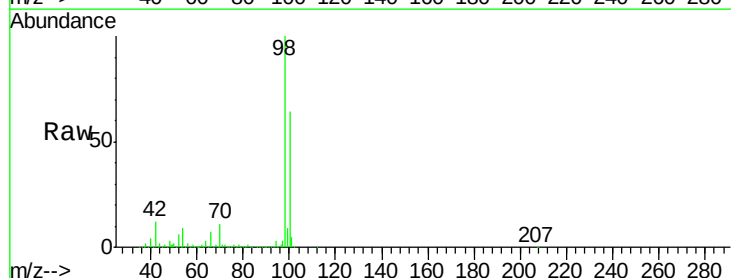
RT: 10.33 min Scan# 1434

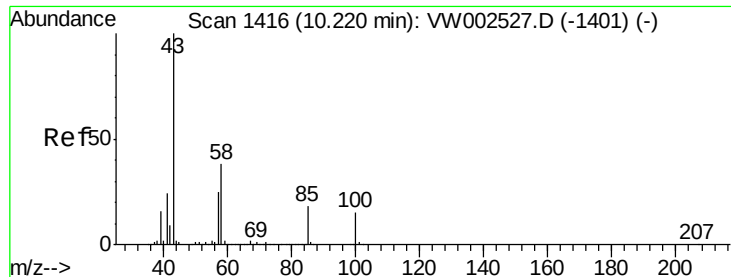
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion	98	Resp	423146
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 88.62 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 43 Resp: 142244

Ion Ratio Lower Upper

43 100

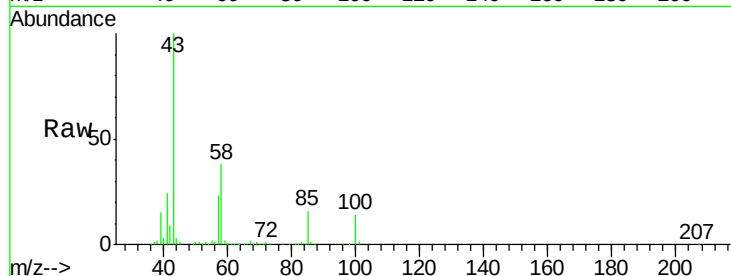
58 37.2 30.1 45.1

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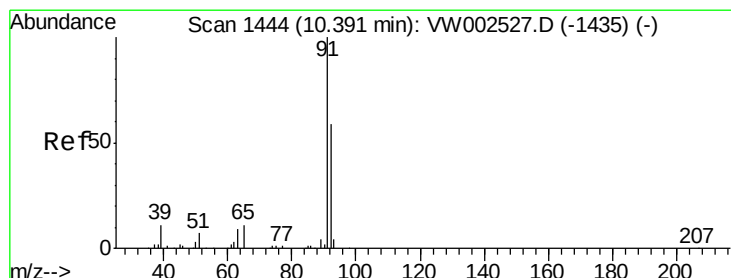
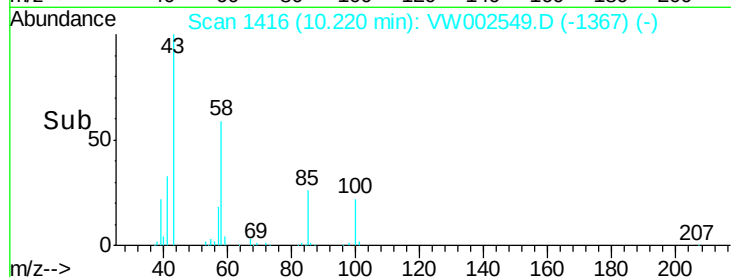
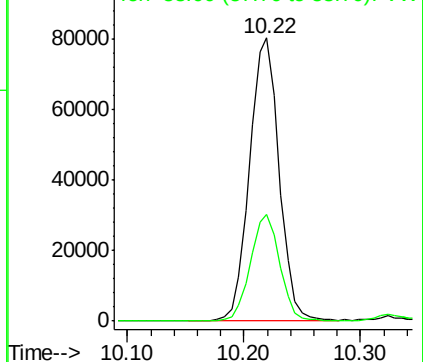
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.55 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002549.D

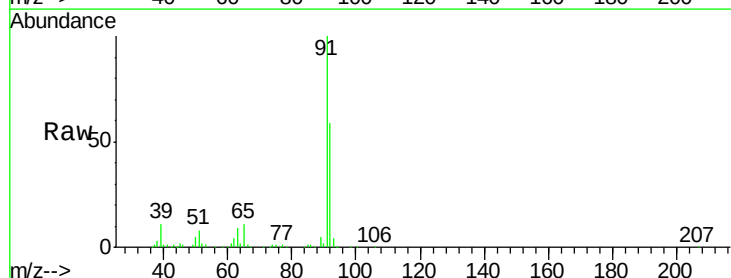
Acq: 15 May 2018 13:28

Tgt Ion: 92 Resp: 114305

Ion Ratio Lower Upper

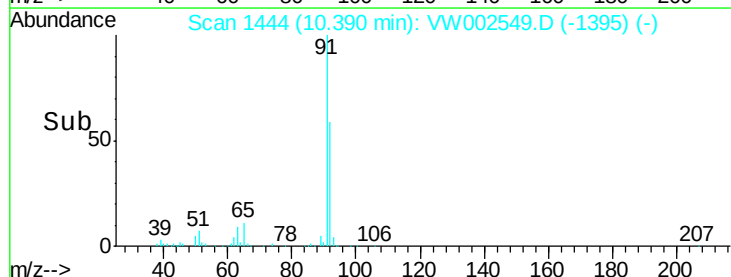
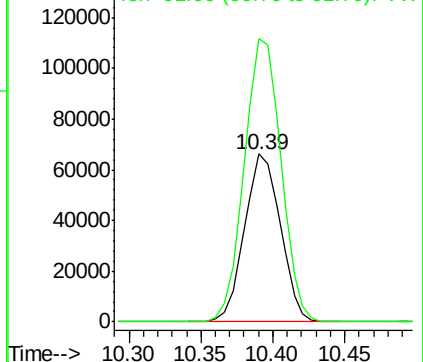
92 100

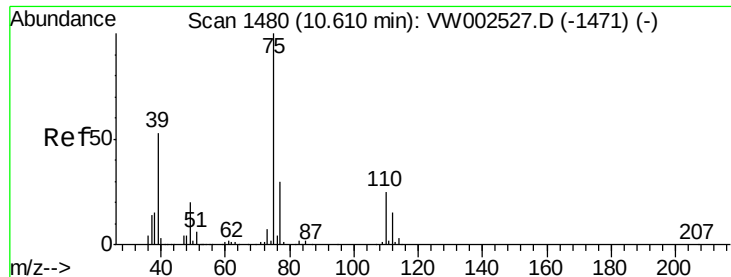
91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.27 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 75 Resp: 57969

Ion Ratio Lower Upper

75 100

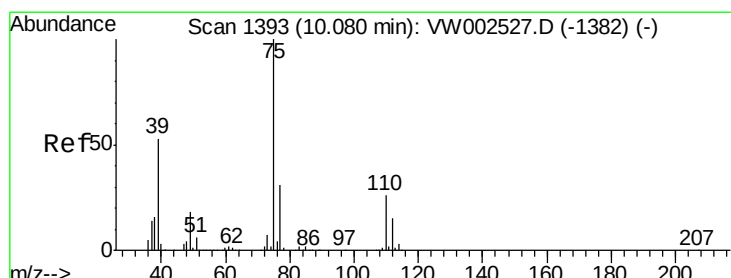
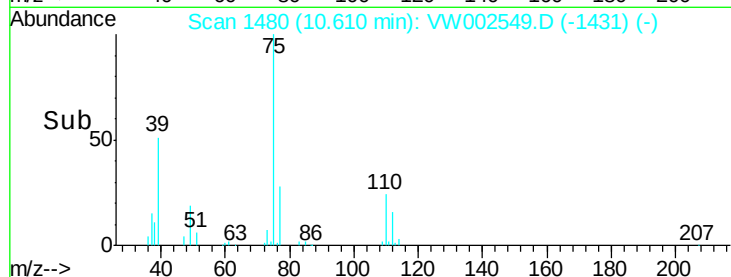
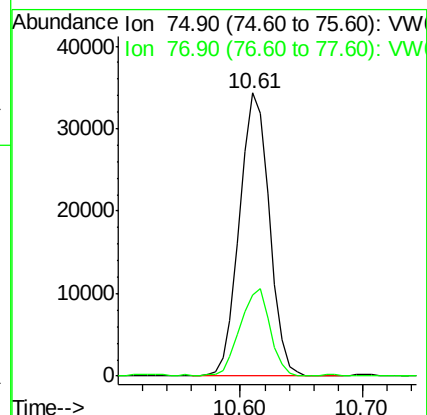
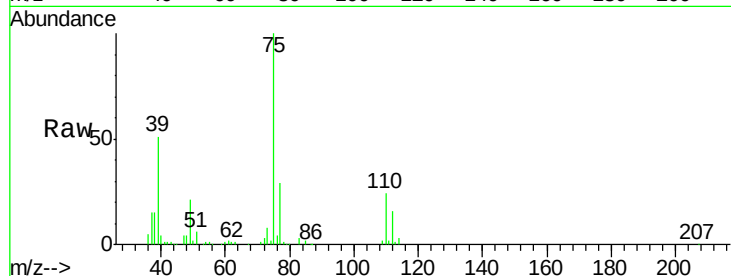
77 28.6 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

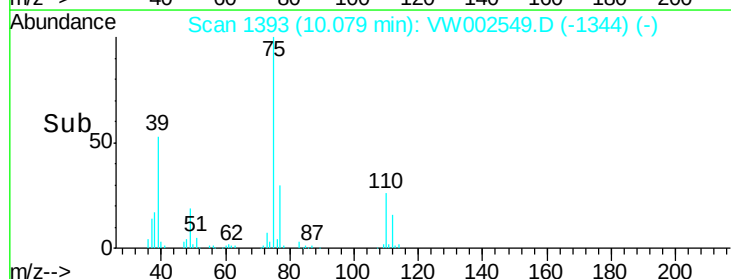
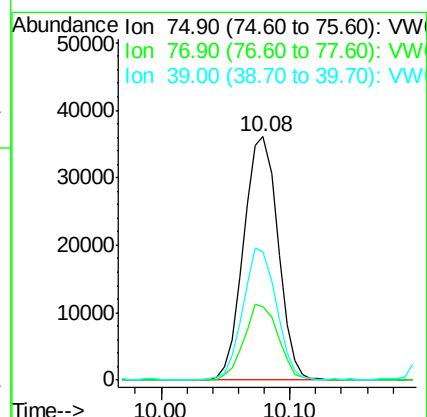
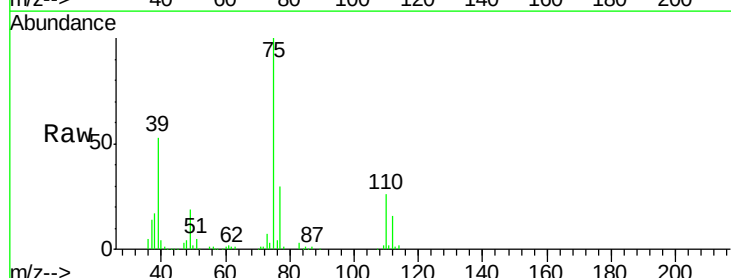
Tgt Ion: 75 Resp: 66725

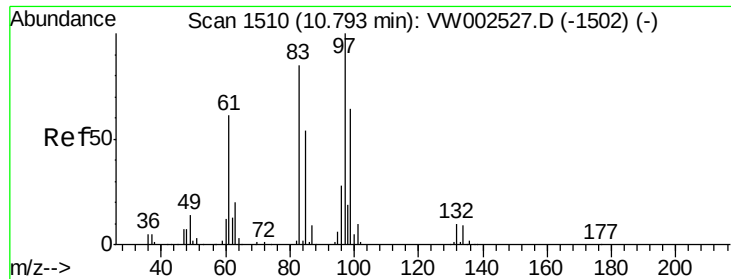
Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4

39 52.6 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 18.33 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

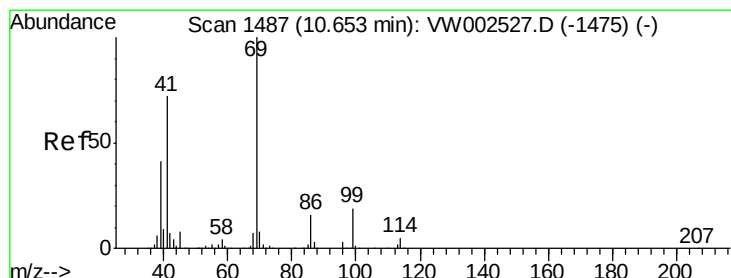
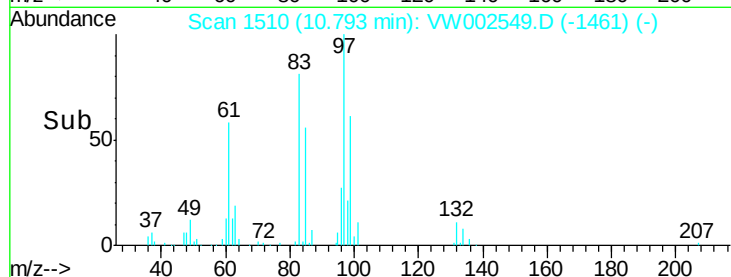
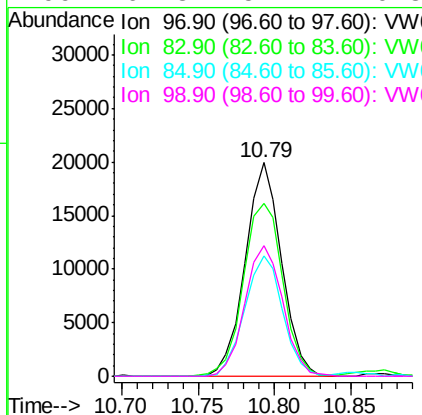
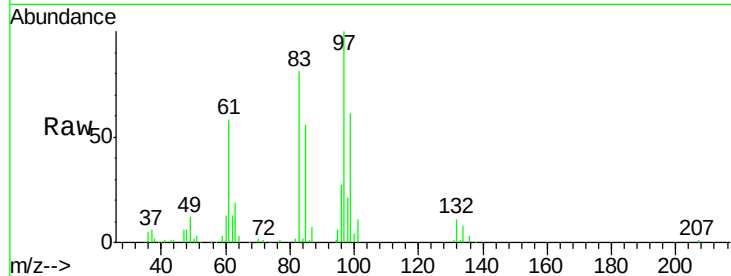
ClientSampleId :

VW0515SBS02

Tot Ion:	97	Resp:	32944
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.1	102.1
85	56.4	43.6	65.4
99	61.3	51.2	76.8

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#56

Ethyl methacrylate

Concen: 18.24 ug/l

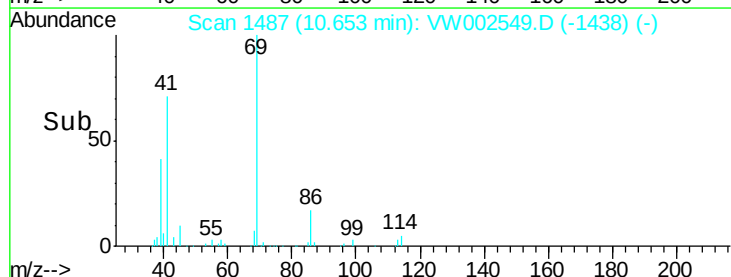
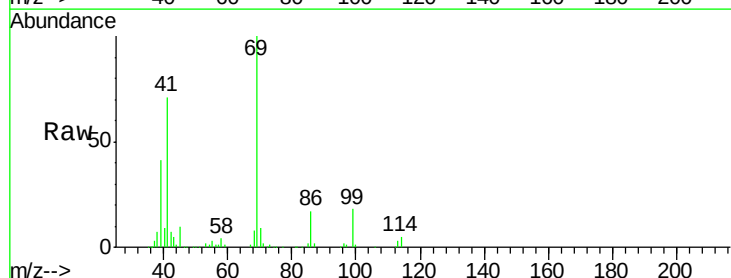
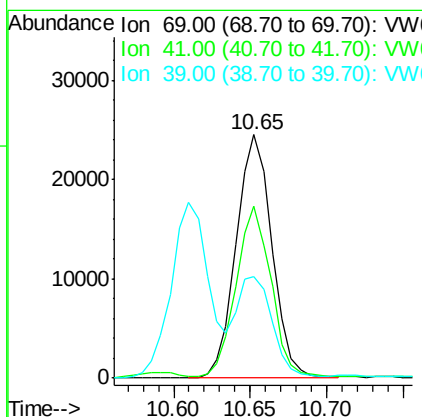
RT: 10.65 min Scan# 1487

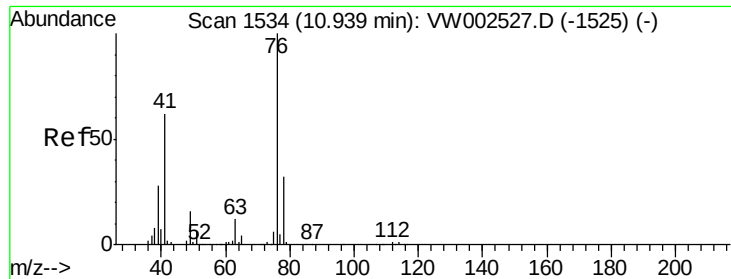
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	69	Resp:	39952
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.3	82.9
39	40.2	33.0	49.6





#57

1,3-Dichloropropane

Concen: 18.86 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 76 Resp: 56235

Ion Ratio Lower Upper

76 100

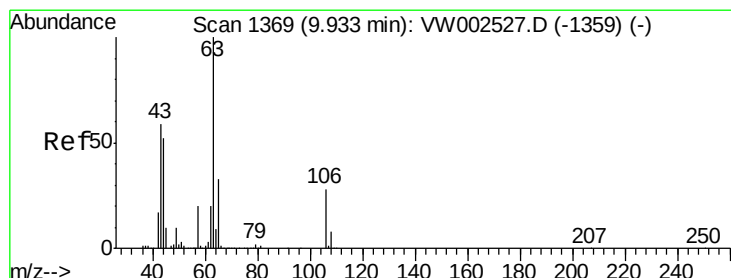
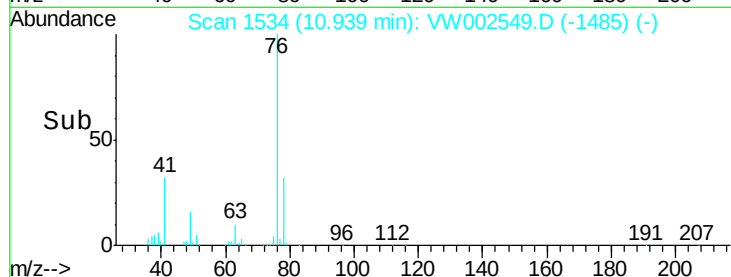
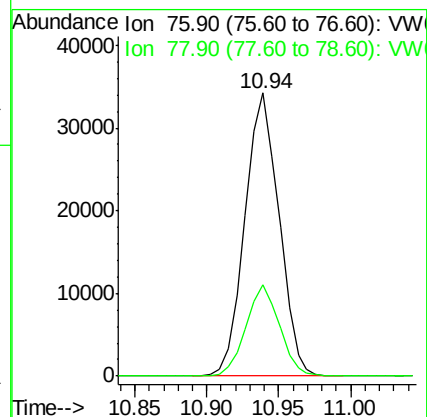
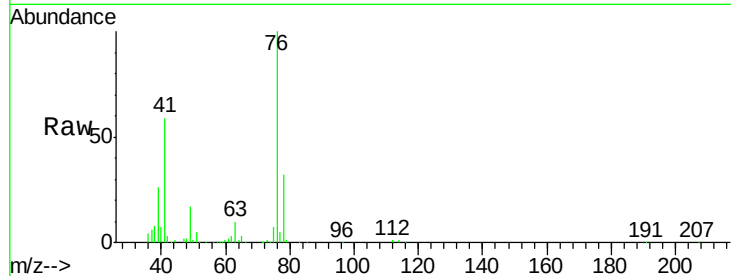
78 31.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 93.99 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW002549.D

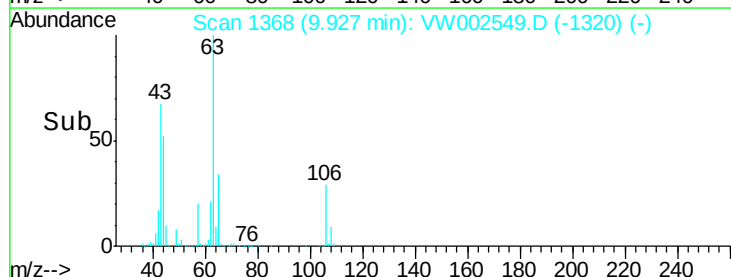
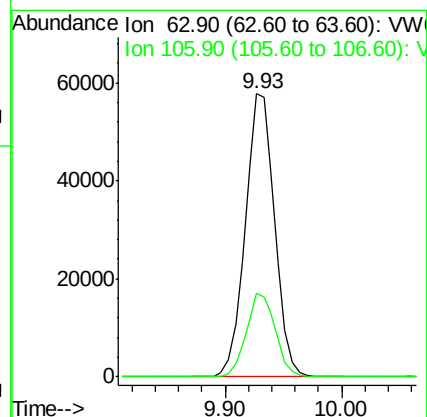
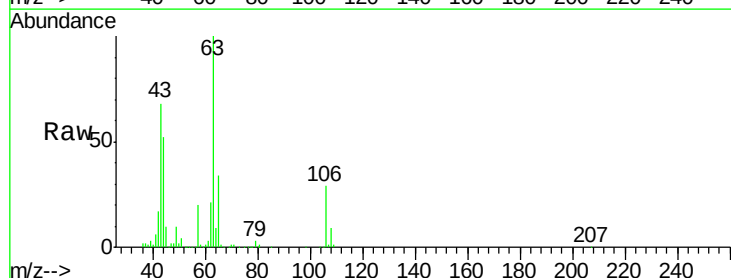
Acq: 15 May 2018 13:28

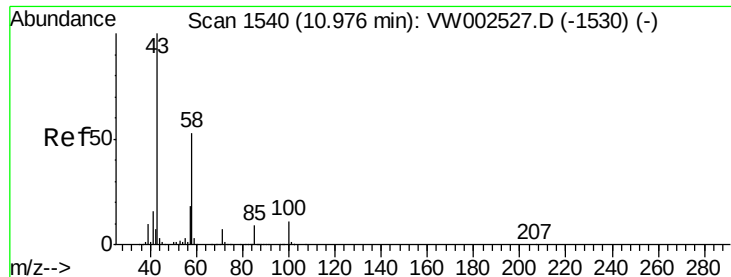
Tgt Ion: 63 Resp: 101072

Ion Ratio Lower Upper

63 100

106 29.3 22.9 34.3





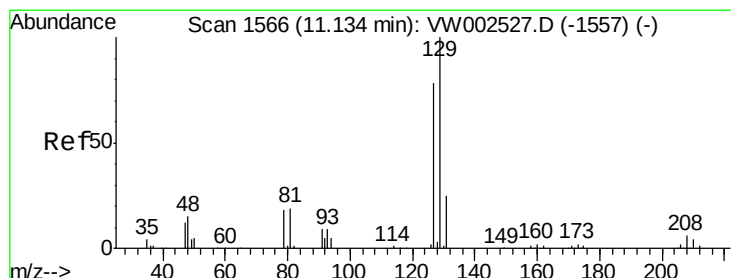
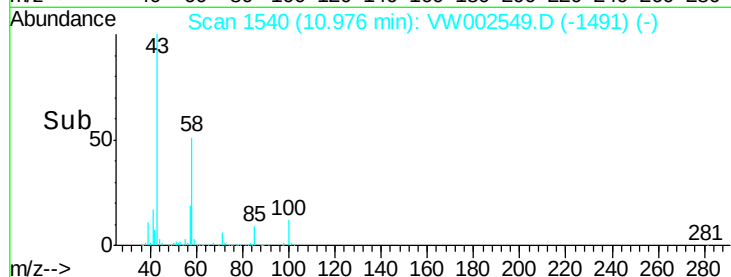
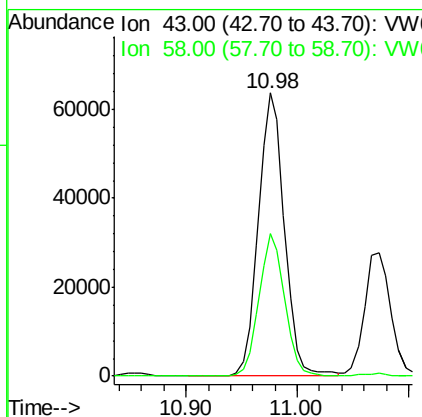
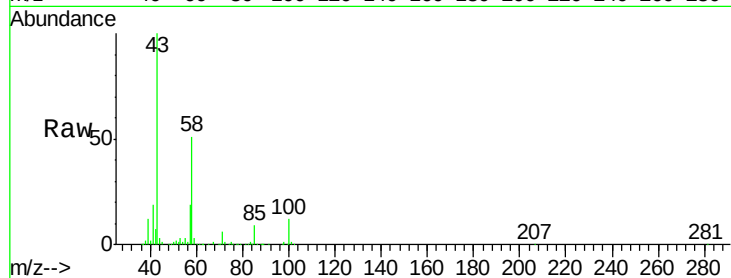
#59
2-Hexanone
Concen: 93.47 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	43	Resp	103575
Ion Ratio	43	100	
Lower	58	49.9	26.3
Upper			78.8

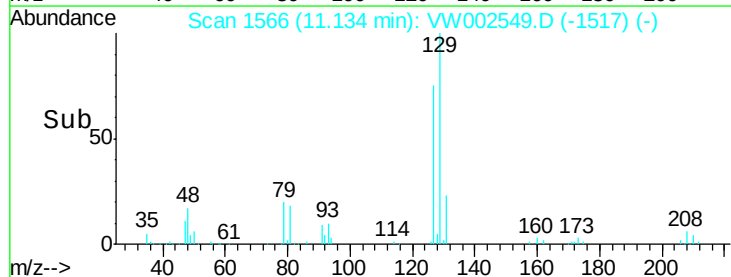
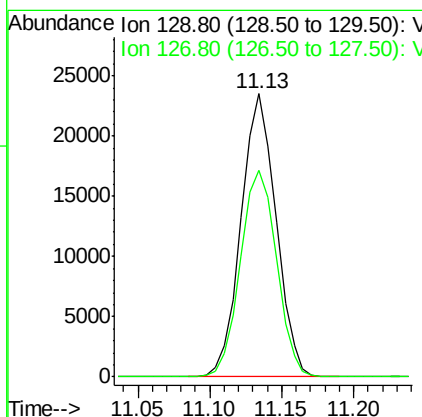
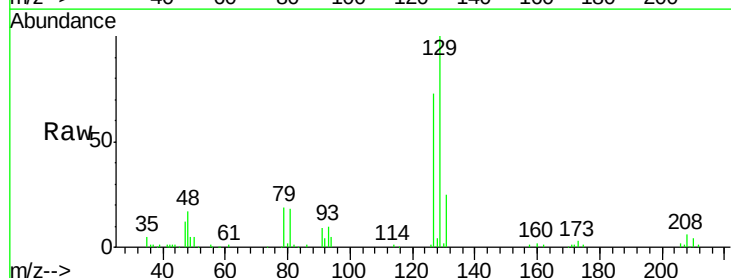
Manual Integrations
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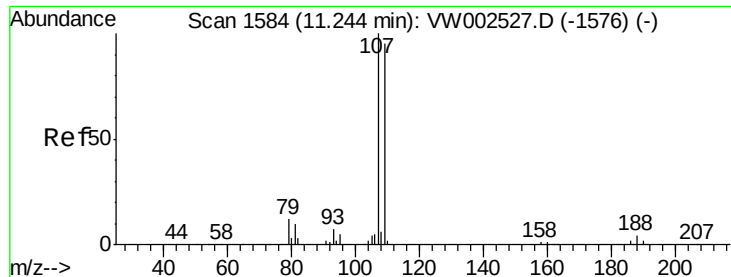
apatel
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#60
Dibromochloromethane
Concen: 18.67 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	129	Resp	39594
Ion Ratio	129	100	
Lower	127	75.6	38.6
Upper			115.7





#61

1,2-Dibromoethane

Concen: 18.82 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion: 107 Resp: 32649

Ion Ratio Lower Upper

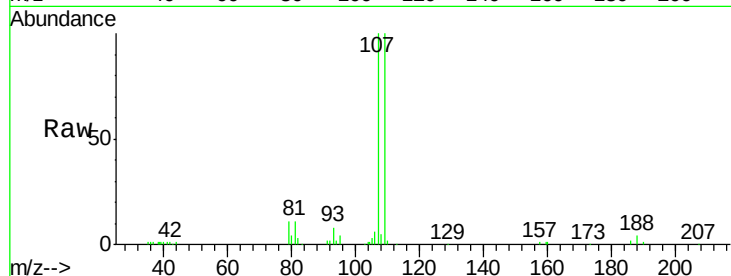
107 100

109 96.1 75.4 113.2

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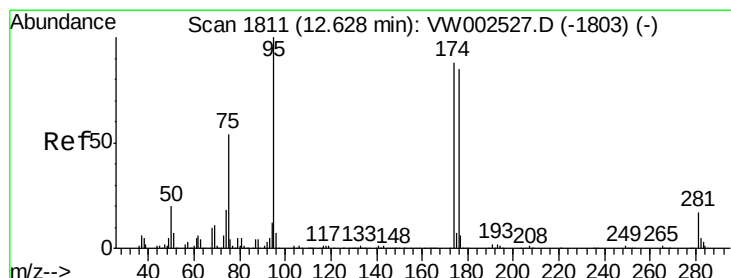
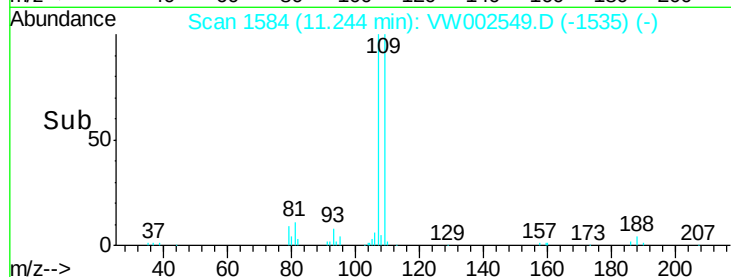
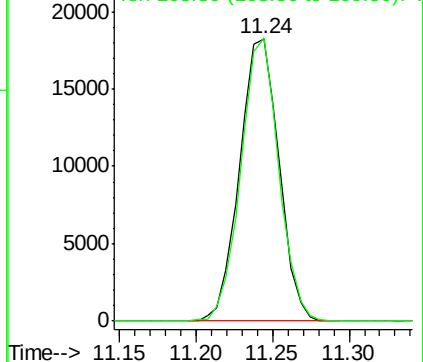
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.12 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

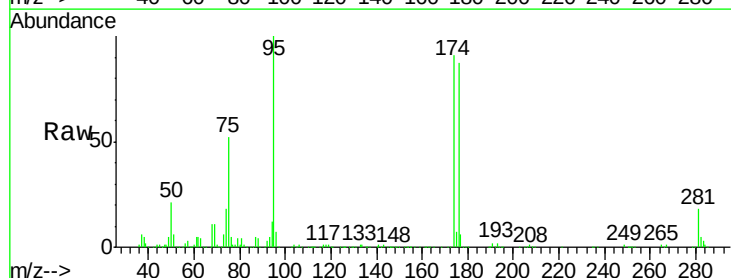
Tgt Ion: 95 Resp: 147470

Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.6

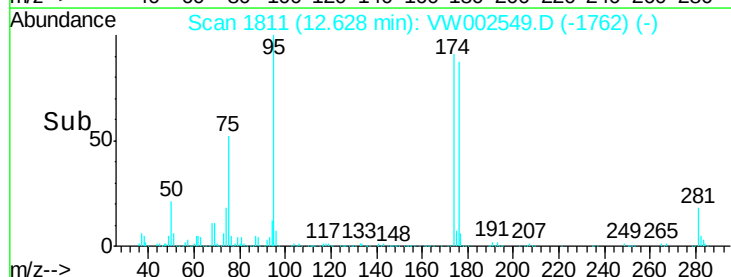
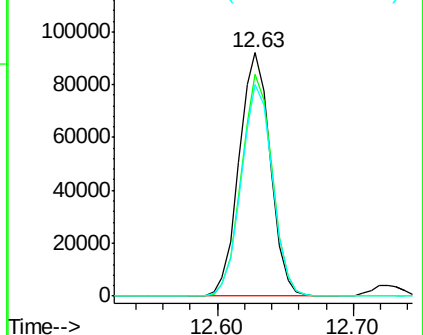
176 87.1 0.0 172.2

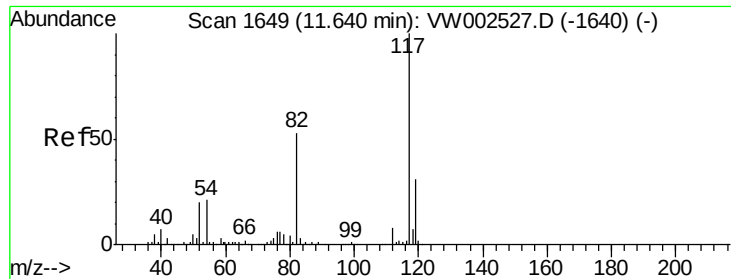


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





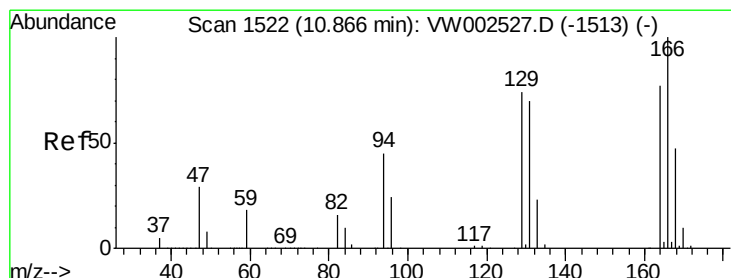
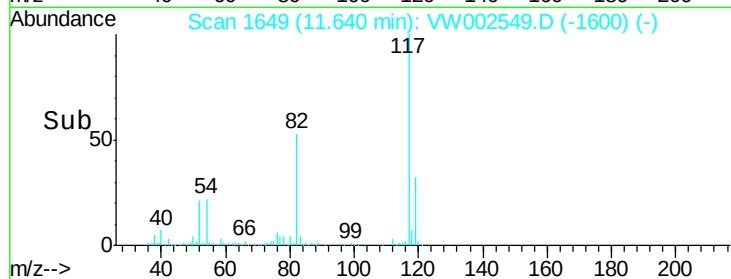
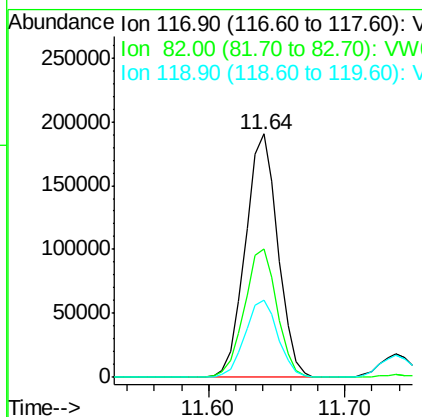
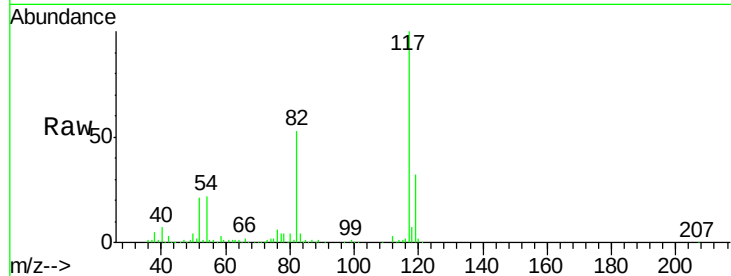
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	64.0
119	31.9	25.0	37.6

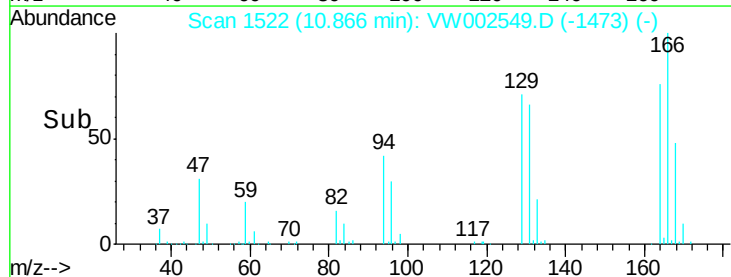
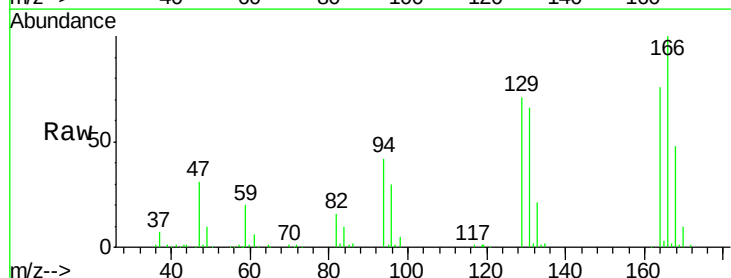
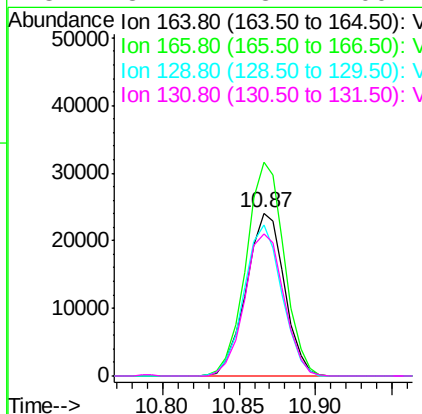
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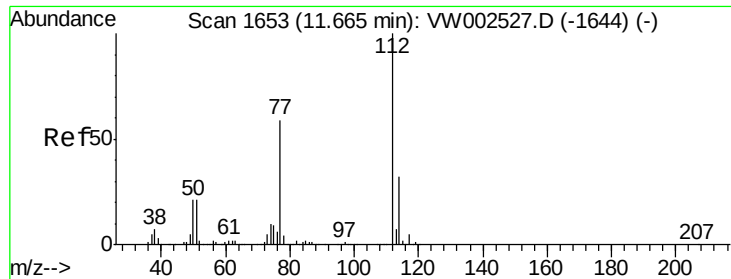
apatel
5/16/2018 12:25:38 PM



#64
Tetrachloroethene
Concen: 18.65 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	104.2	156.2
129	92.5	77.0	115.4
131	87.1	73.1	109.7





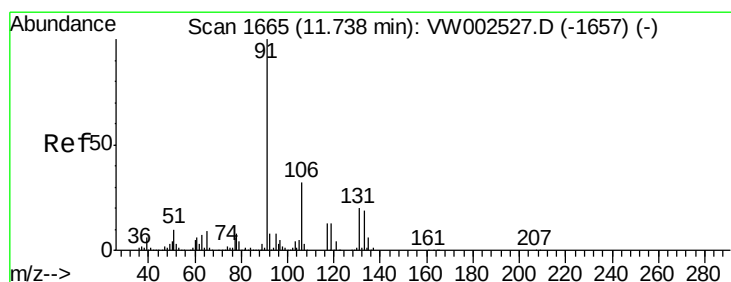
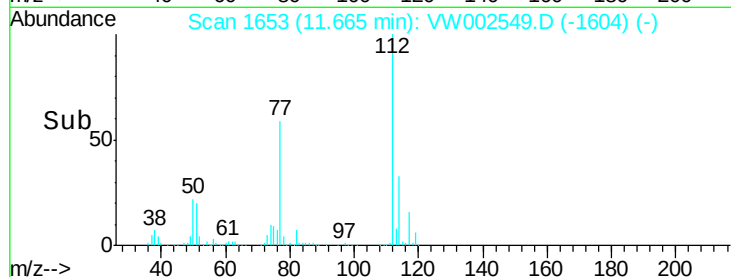
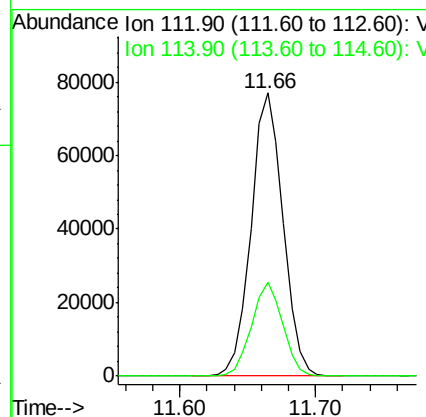
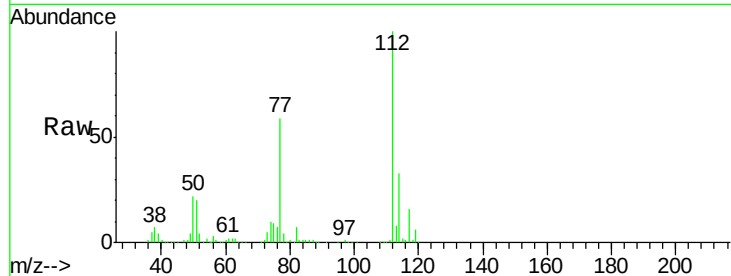
#65
Chlorobenzene
Concen: 19.99 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.3	37.9

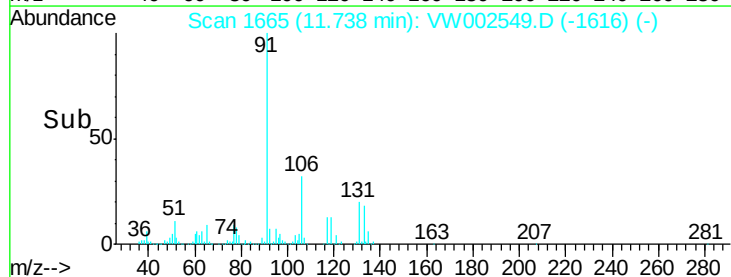
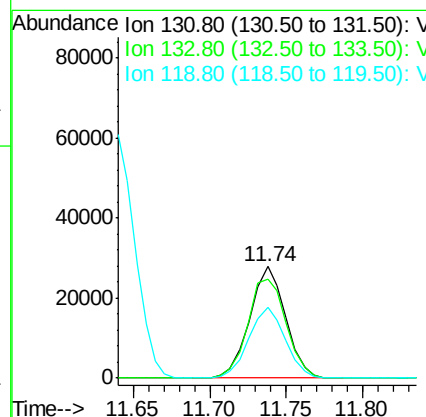
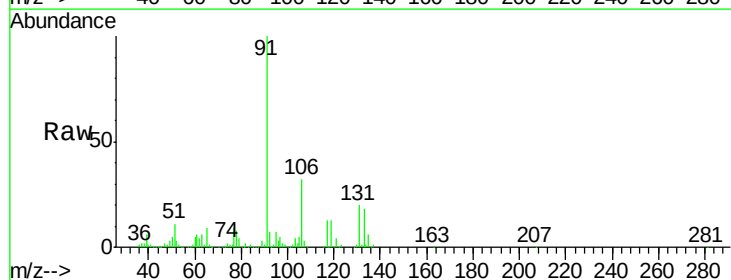
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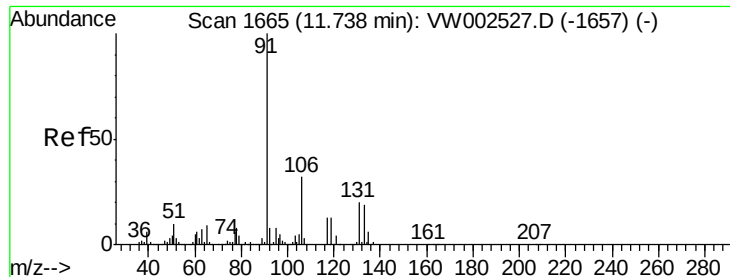
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.99 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.3
119	64.4	32.2	96.6





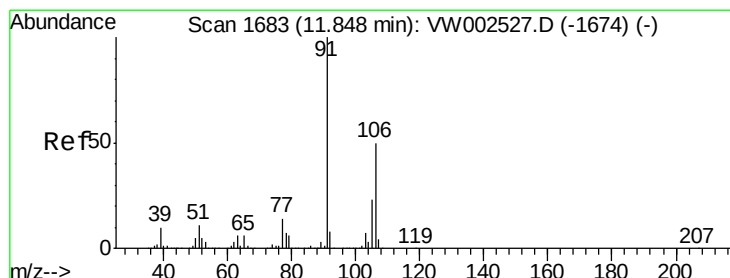
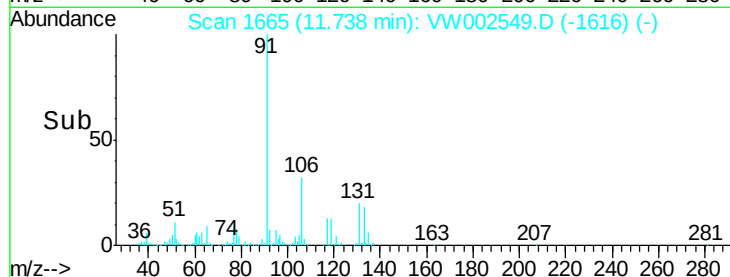
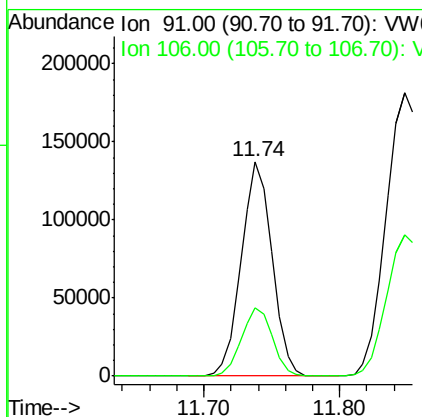
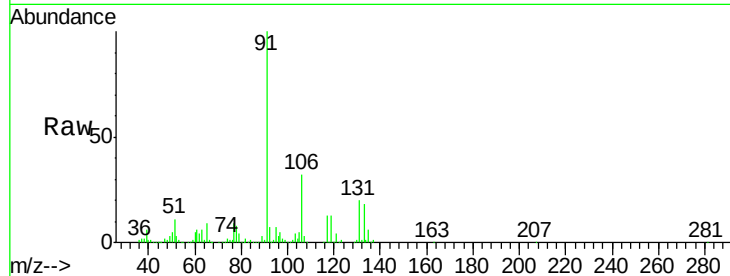
#67
Ethyl Benzene
Concen: 20.17 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.0

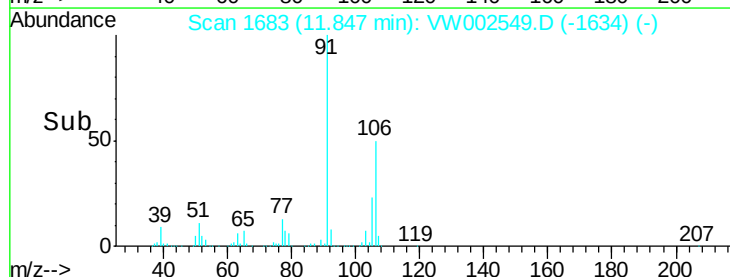
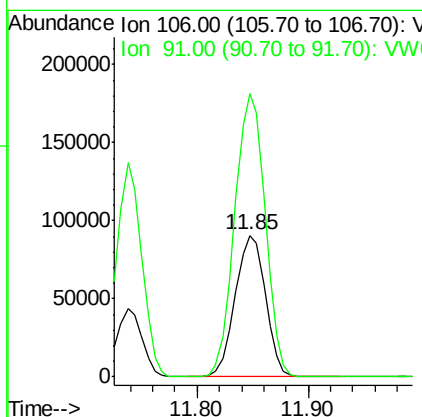
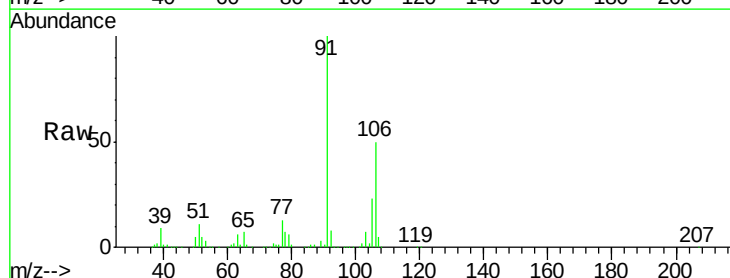
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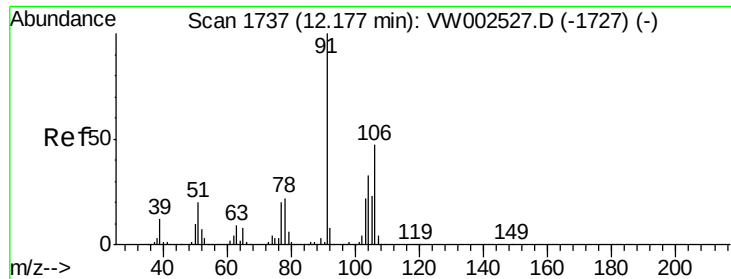
apatel
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#68
m/p-Xylenes
Concen: 40.82 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.2	161.4	242.2





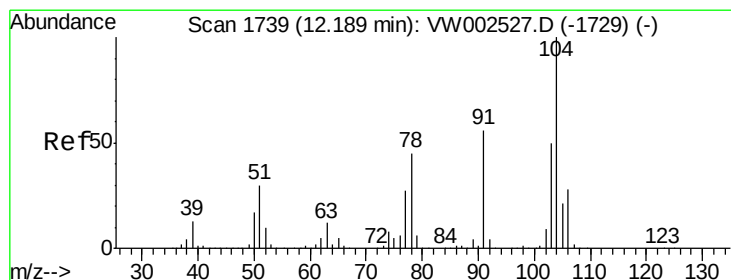
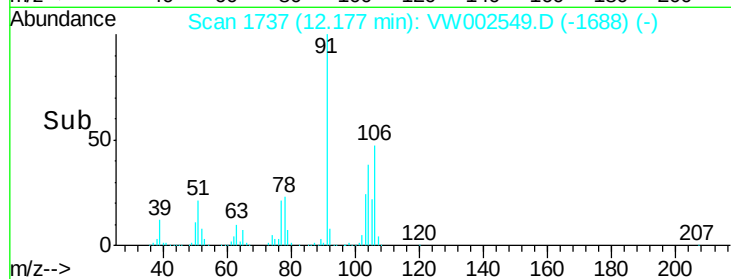
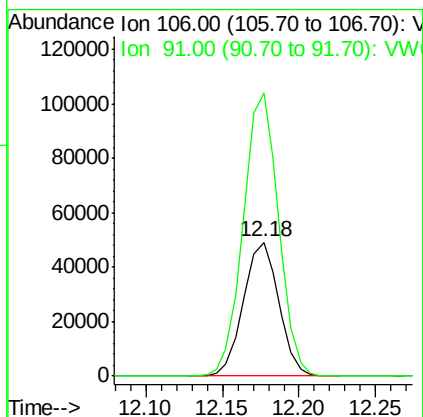
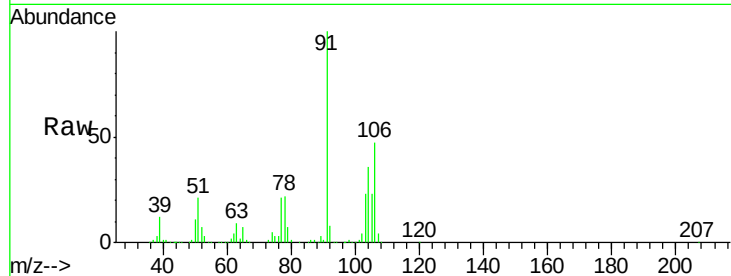
#69
o-Xylene
Concen: 19.94 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.2	106.7	320.2	

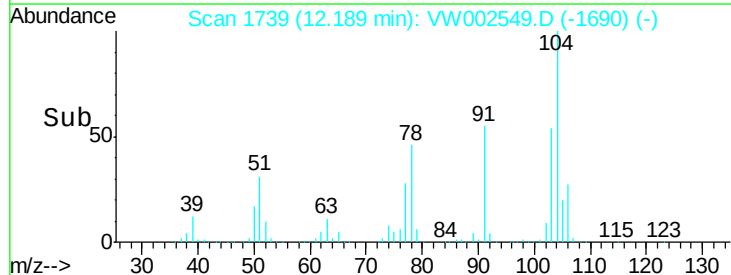
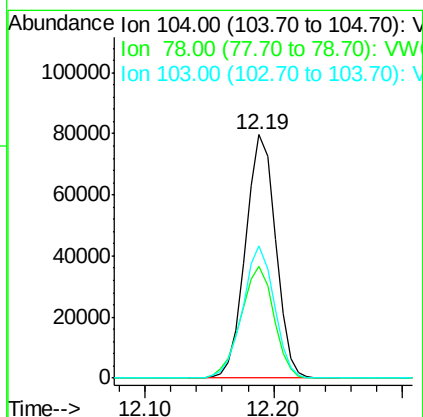
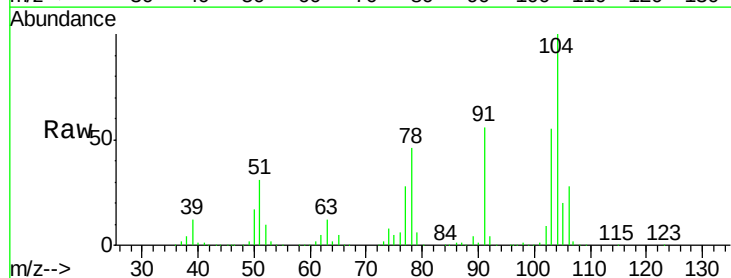
Manual Integrations
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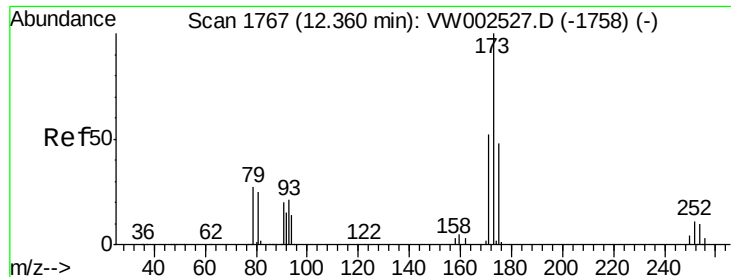
apatel
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#70
Styrene
Concen: 19.42 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.4	40.1	60.1	
103	57.2	44.6	66.8	





#71

Bromoform

Concen: 18.01 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

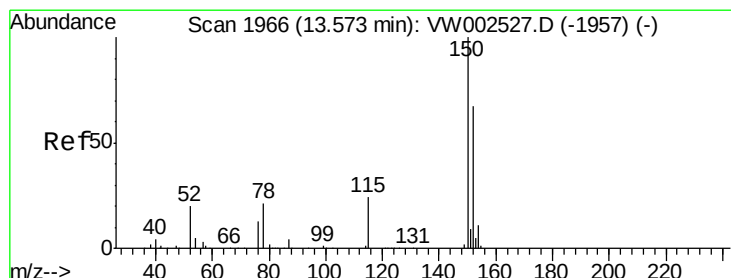
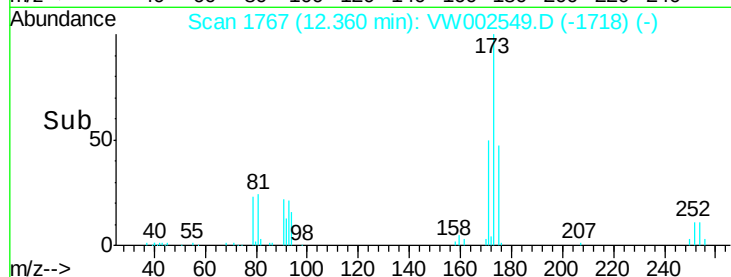
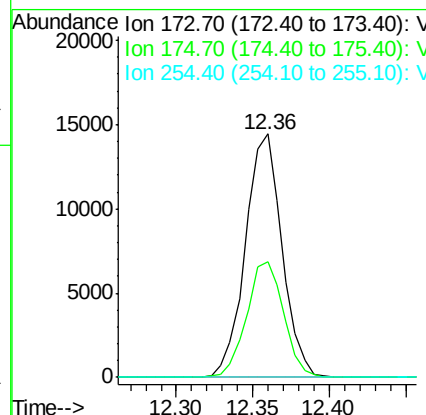
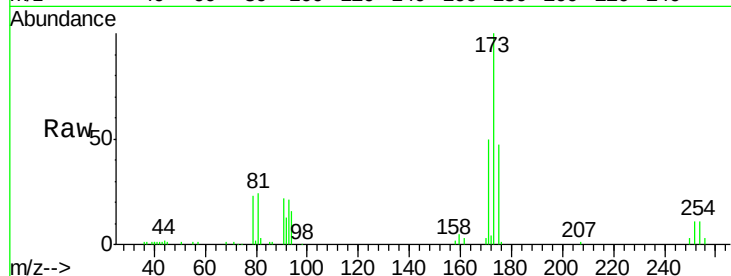
ClientSampleId :

VW0515SBS02

Tot Ion:	173	Resp:	23977
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.5	73.5
254	0.0	0.1	0.1#

Manual Integrations
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apatel
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

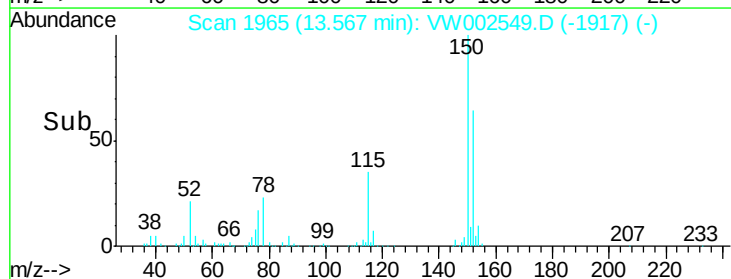
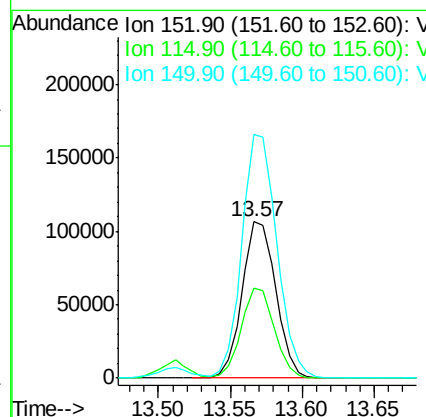
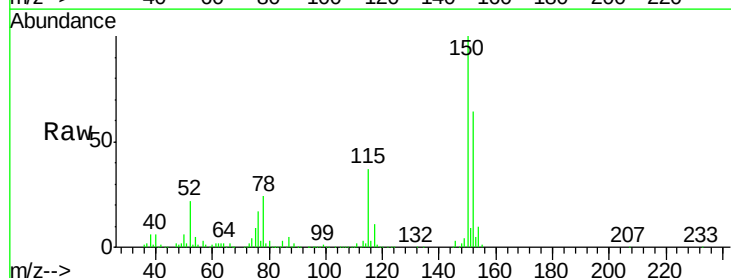
RT: 13.57 min Scan# 1965

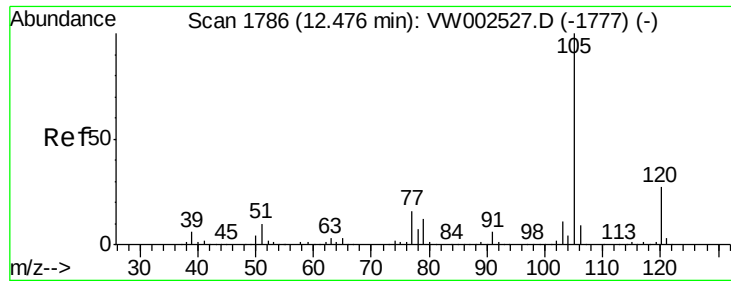
Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	152	Resp:	172855
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.0	84.0
150	162.0	0.0	345.4





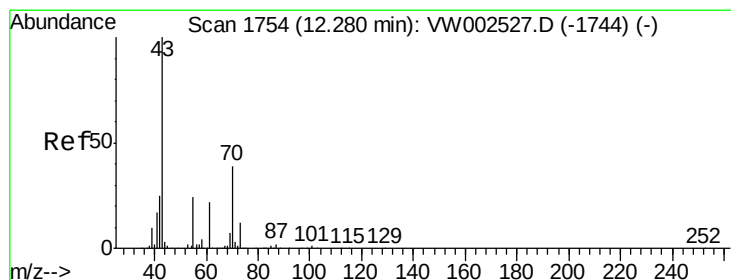
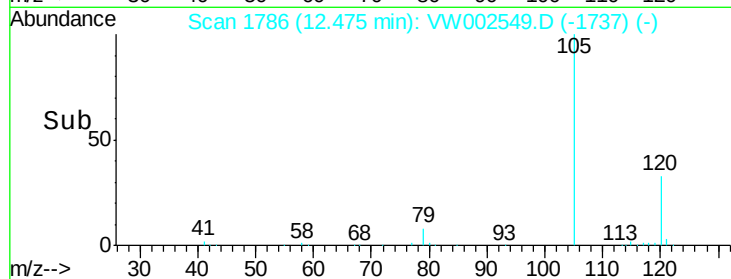
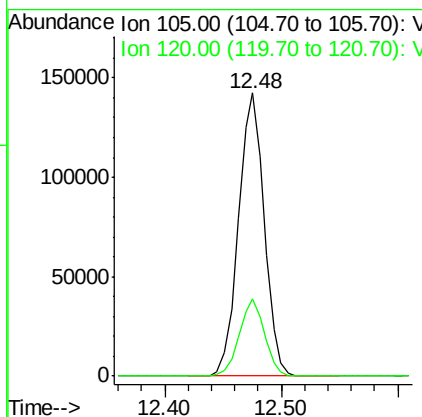
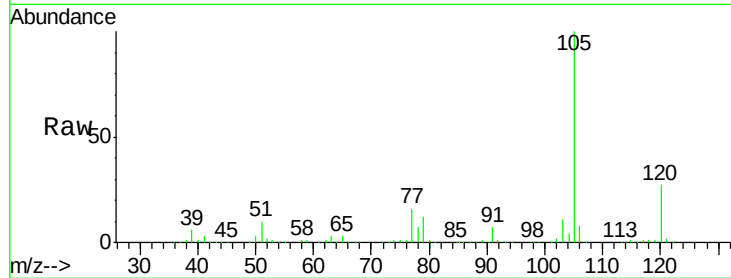
#73
Isopropylbenzene
Concen: 20.54 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2

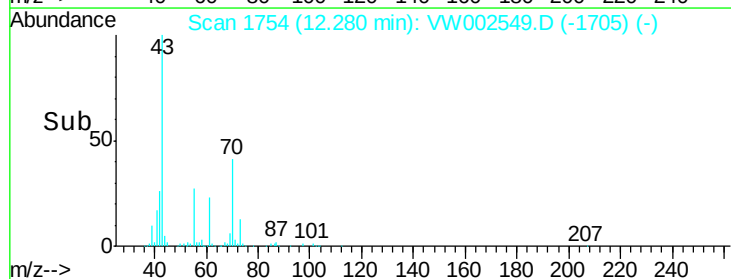
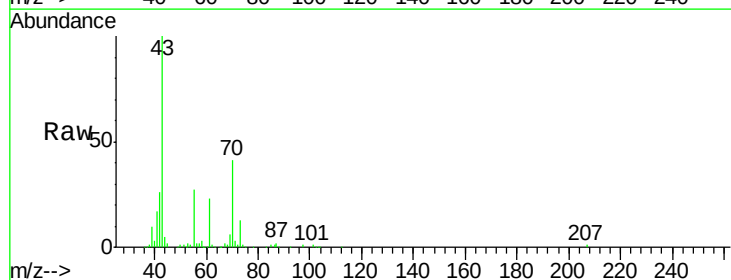
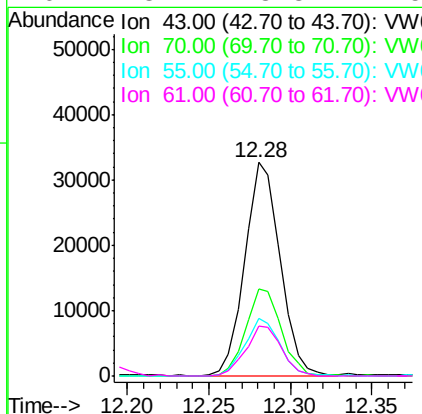
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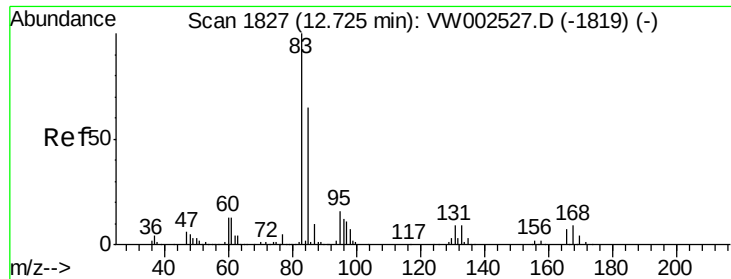
apatel
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#74
N-ethyl acetate
Concen: 18.27 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.9	47.9
55	26.9	19.4	29.0
61	23.7	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.50 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

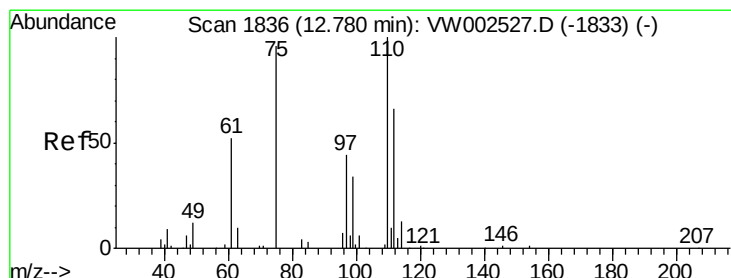
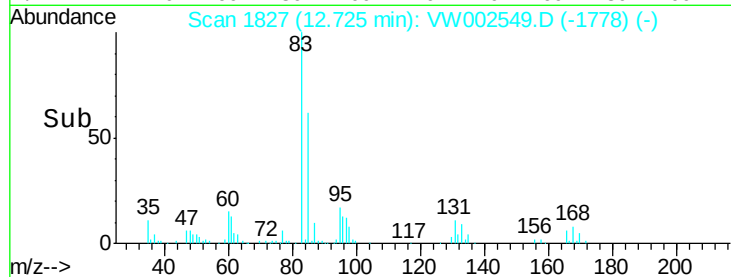
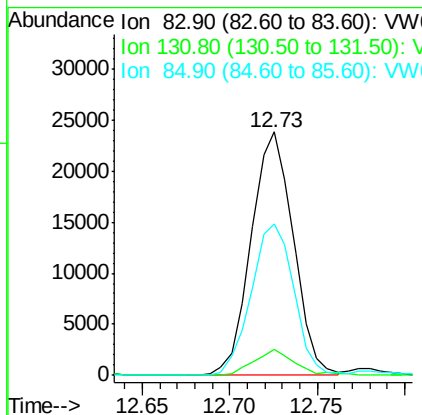
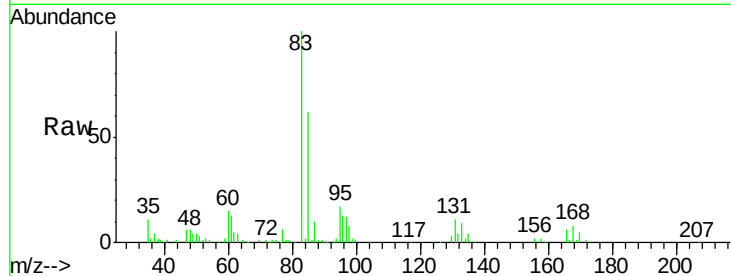
ClientSampleId :

VW0515SBS02

Tot Ion:	83	Resp:	39937
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	63.0	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 18.21 ug/l m

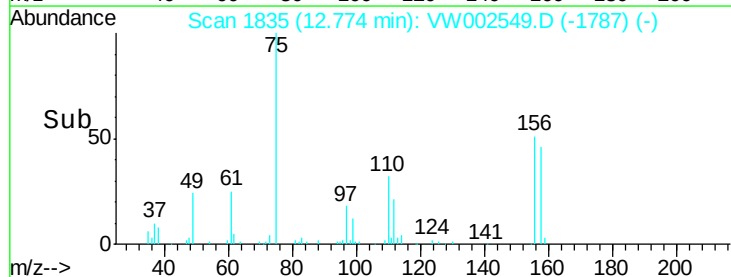
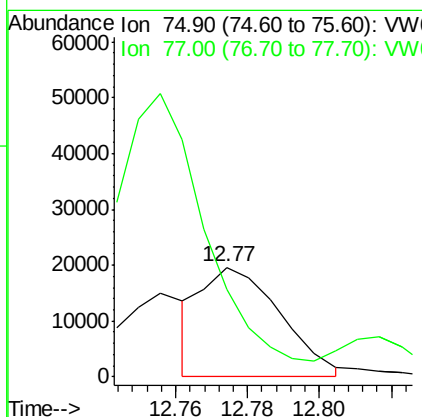
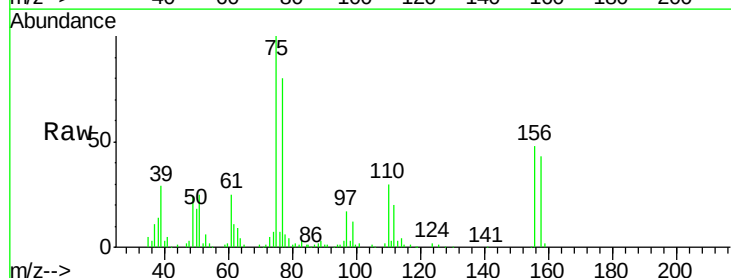
RT: 12.77 min Scan# 1835

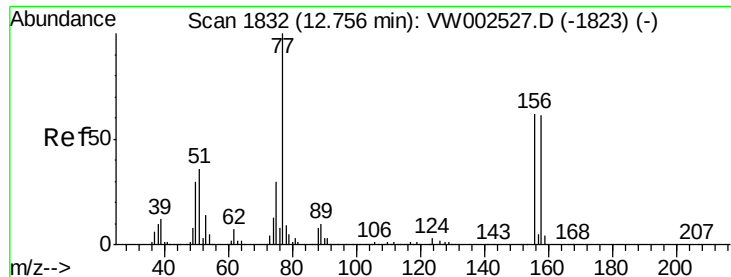
Delta R.T. -0.01 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion:	75	Resp:	29754
Ion Ratio	Lower	Upper	
75	100		
77	313.3	0.0	0.0#





#77

Bromobenzene

Concen: 20.06 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

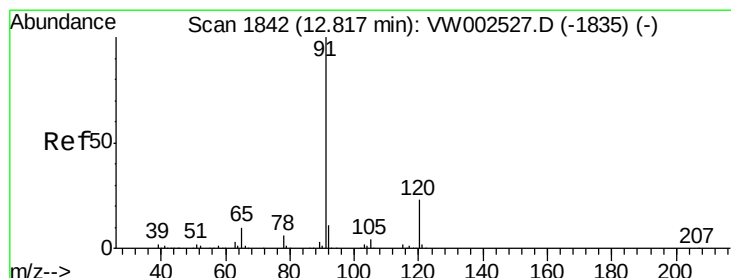
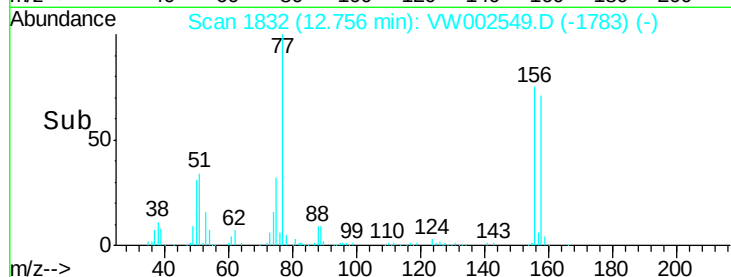
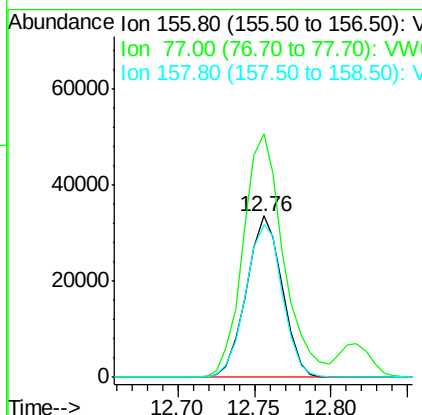
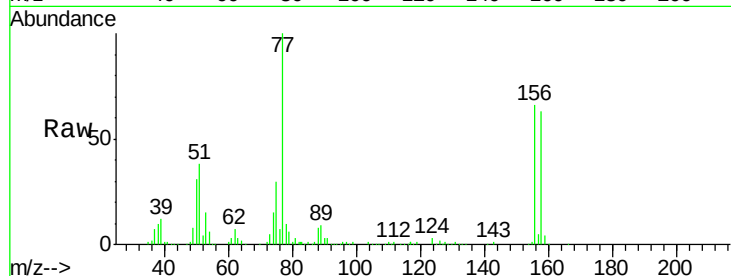
ClientSampleId :

VW0515SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.9	89.8	269.4
158	97.3	48.8	146.3

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#78

n-propylbenzene

Concen: 20.98 ug/l

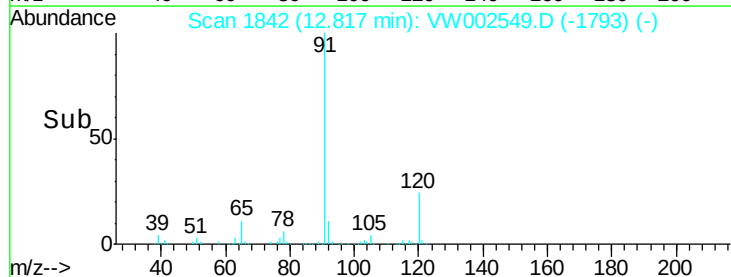
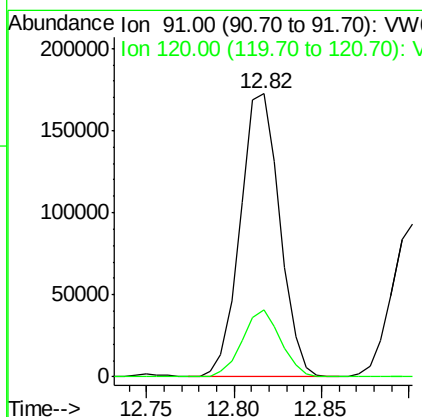
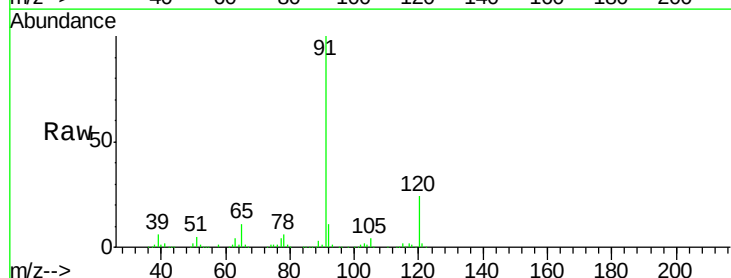
RT: 12.82 min Scan# 1842

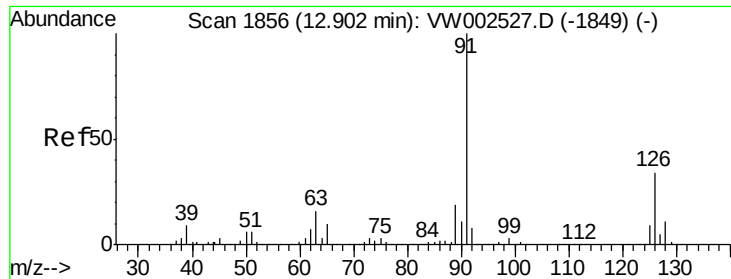
Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.50 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampled :

VW0515SBS02

Tot Ion: 91 Resp: 149771

Ion Ratio Lower Upper

91 100

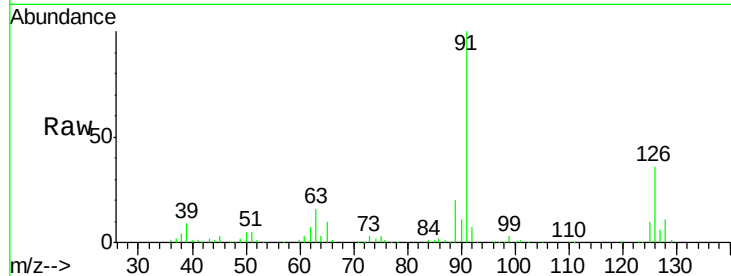
126 35.4 17.6 52.8

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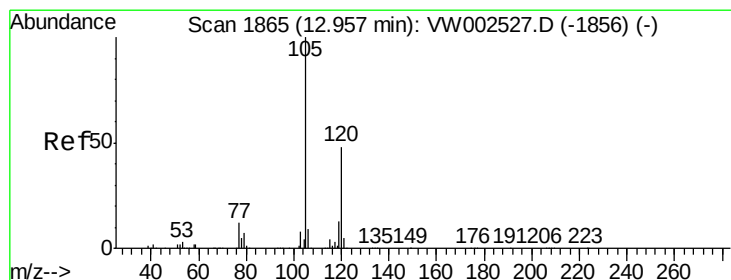
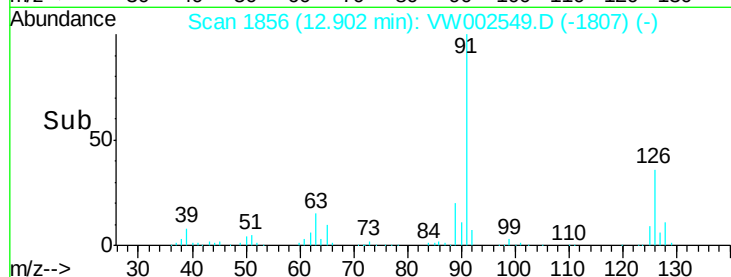
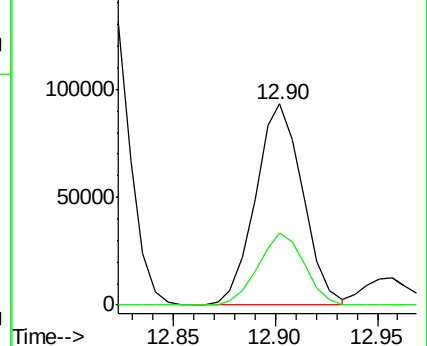
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5/16/2018 12:25:38 PM



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: 20.60 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002549.D

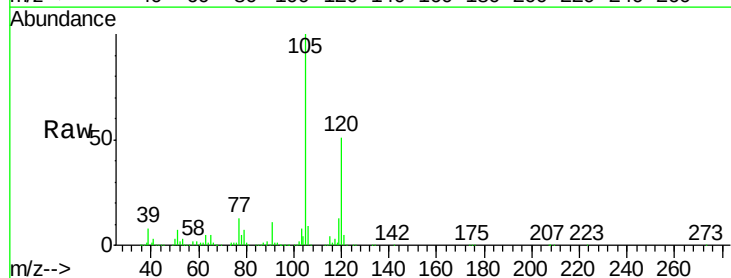
Acq: 15 May 2018 13:28

Tgt Ion:105 Resp: 187354

Ion Ratio Lower Upper

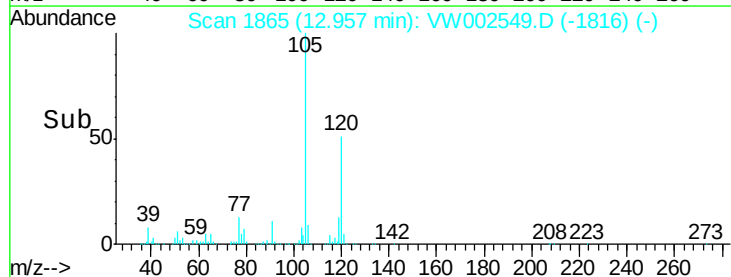
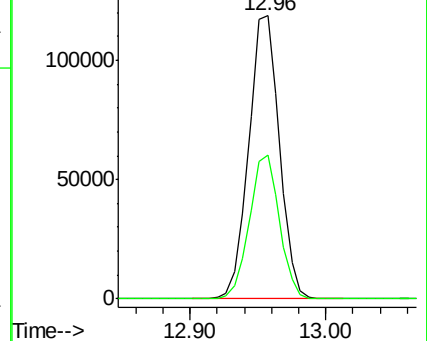
105 100

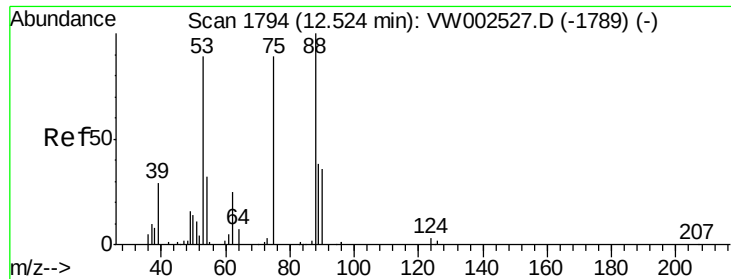
120 49.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





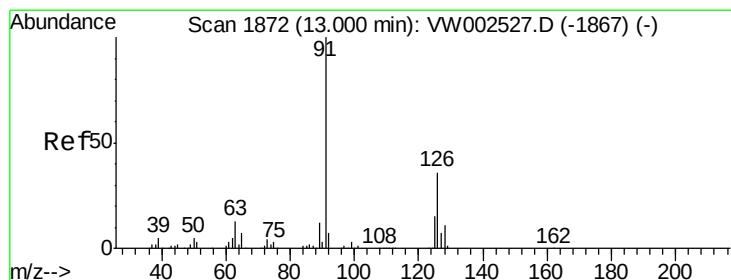
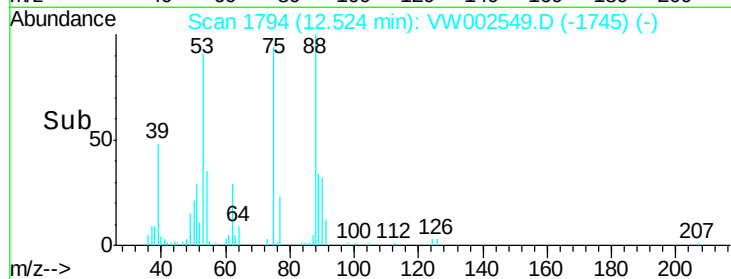
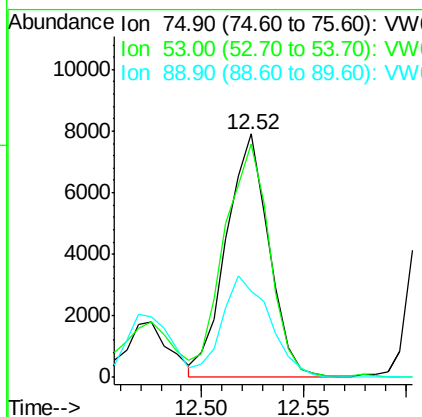
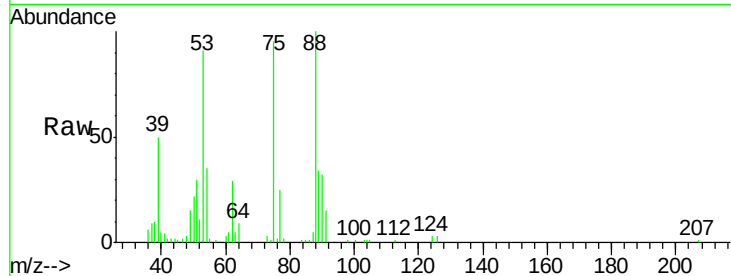
#81
trans-1,4-Dichloro-2-butene
Concen: 19.18 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	82.6	124.0
89	46.9	39.2	58.8

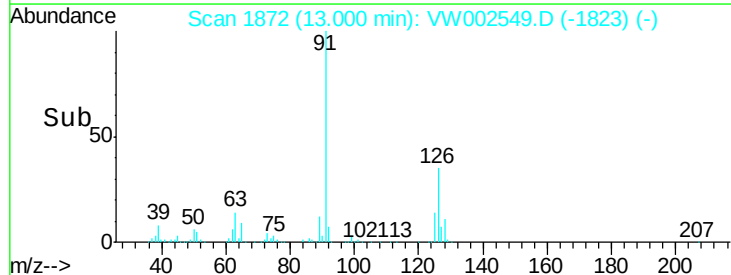
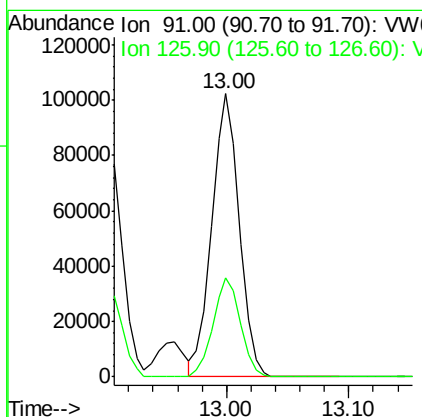
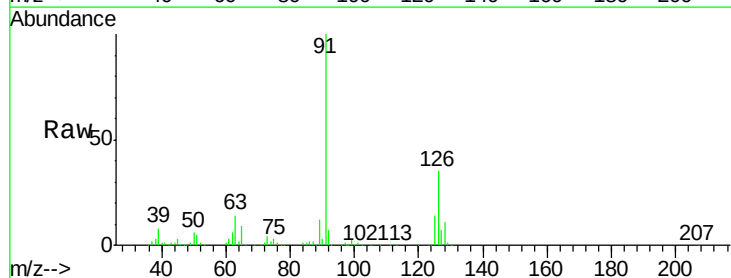
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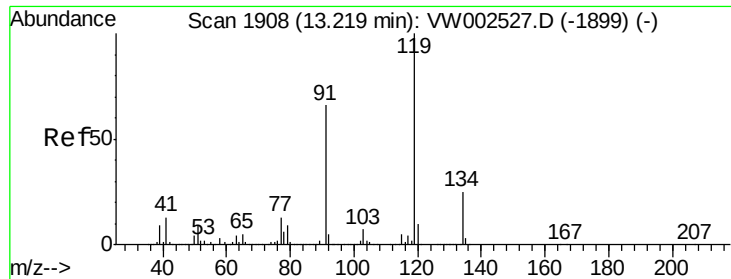
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5/16/2018 12:25:38 PM



#82
4-Chlorotoluene
Concen: 20.25 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.5	52.5





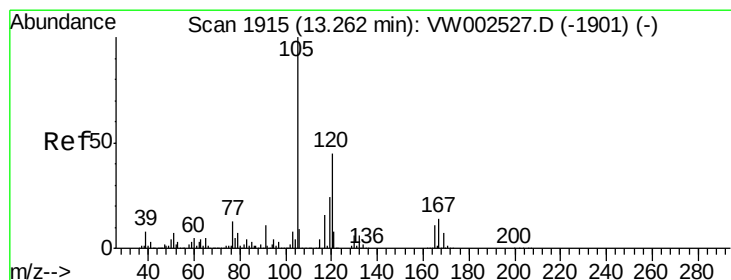
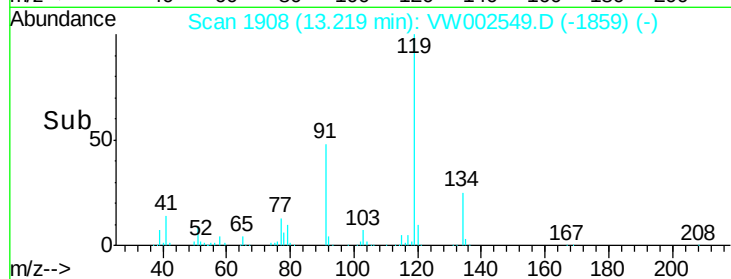
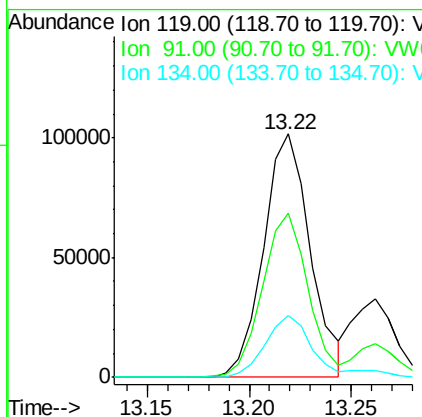
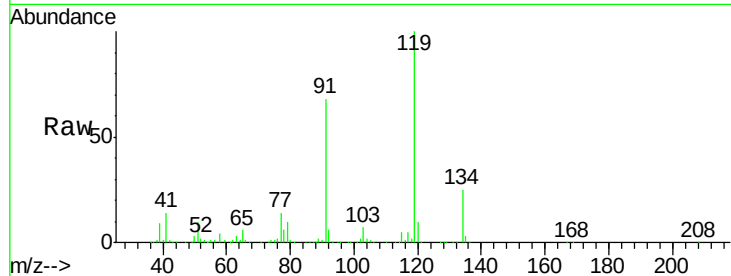
#83
 tert-Butylbenzene
 Concen: 20.69 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162465		
91	65.7	32.5	97.5	
134	27.0	13.2	39.6	

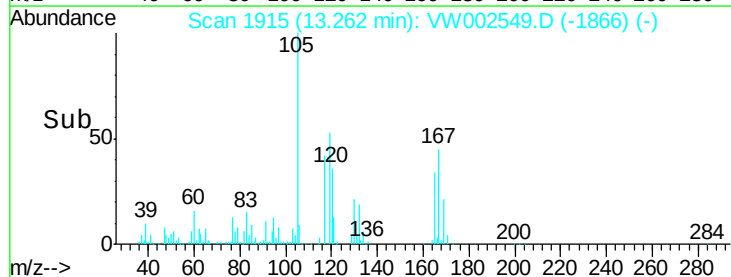
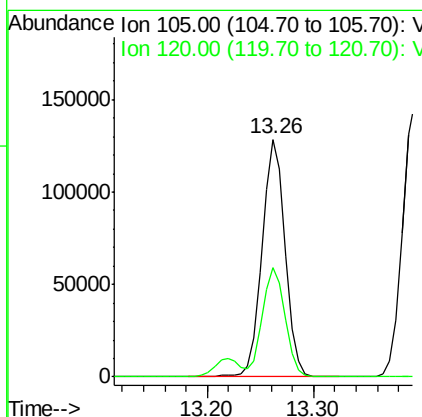
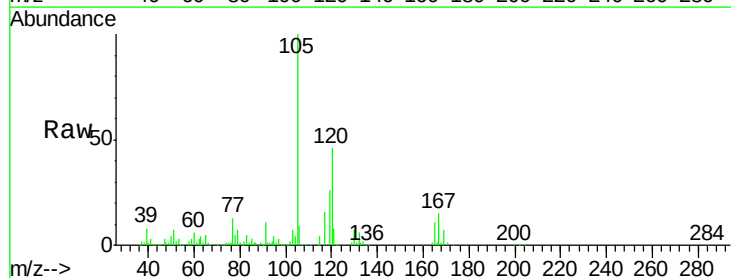
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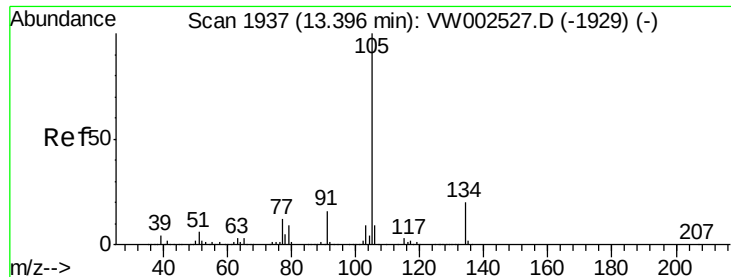
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.64 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194861		
120	45.3	22.3	66.9	





#85

sec-Butylbenzene

Concen: 21.00 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS02

Tot Ion:105 Resp: 236956

Ion Ratio Lower Upper

105 100

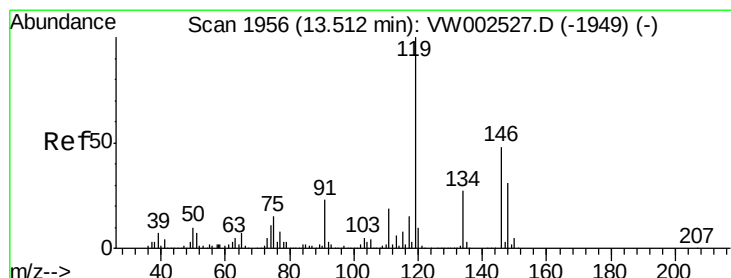
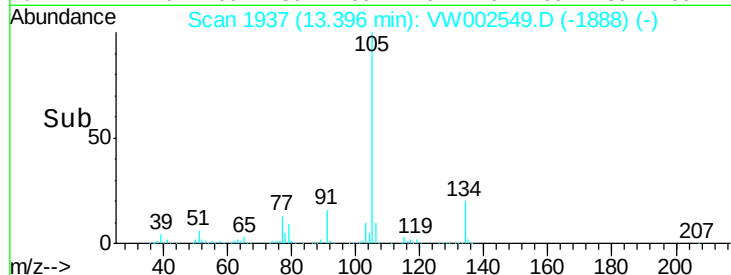
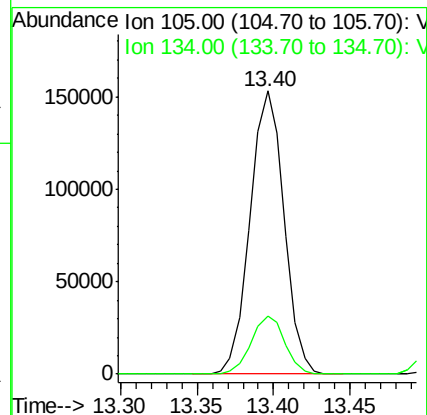
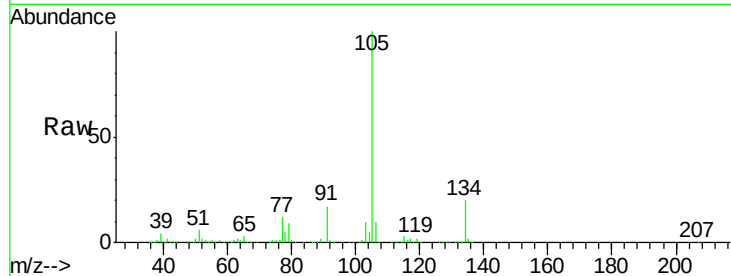
134 20.2 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 20.75 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

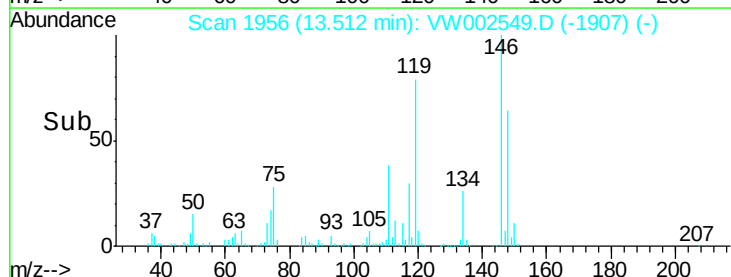
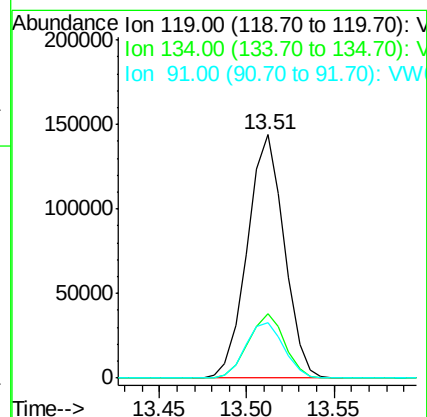
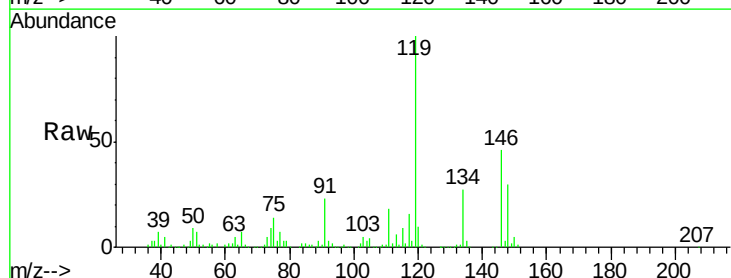
Tgt Ion:119 Resp: 210568

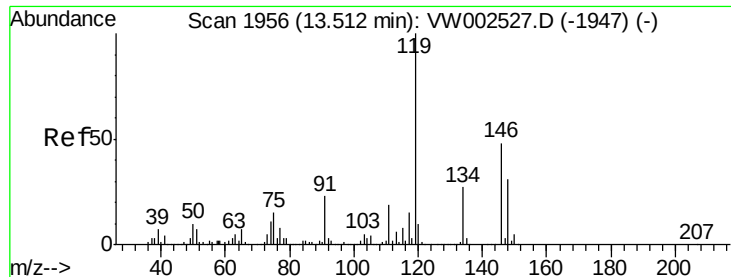
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.8 11.6 34.8





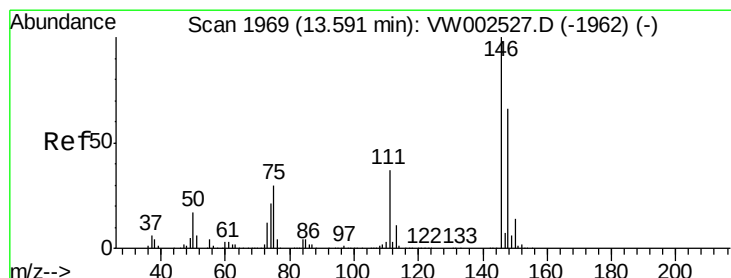
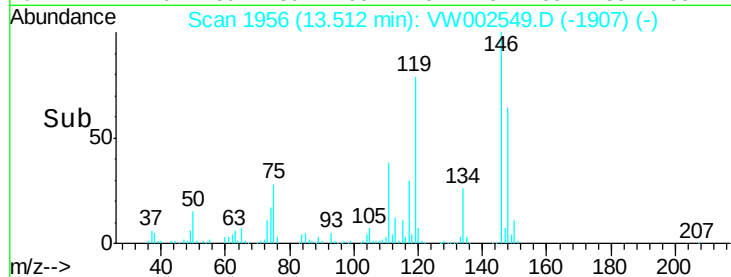
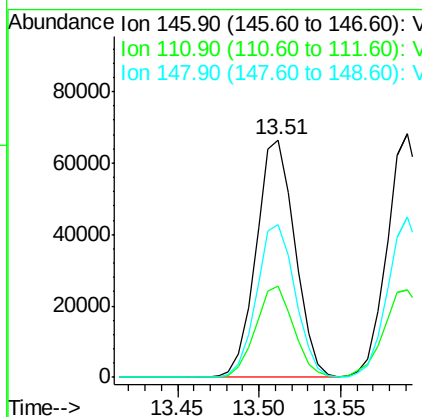
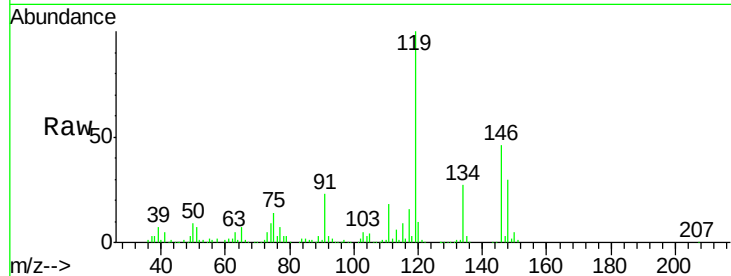
#87
 1,3-Dichlorobenzene
 Concen: 19.86 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.6	58.7
148	64.3	32.3	96.8

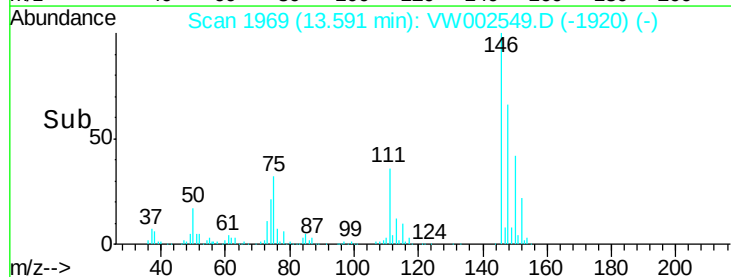
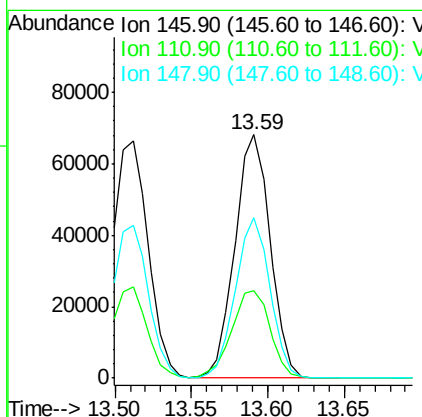
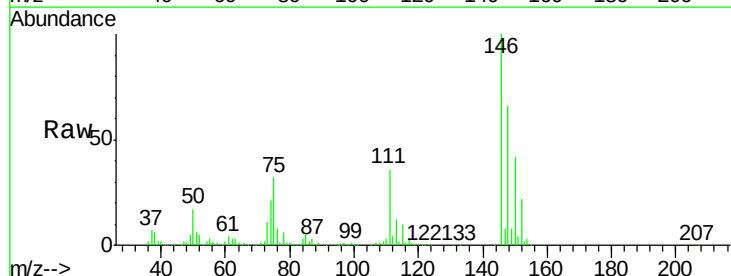
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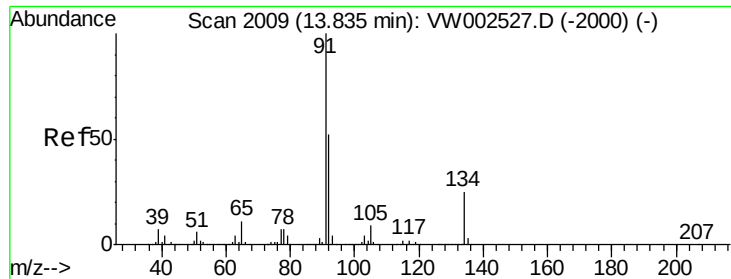
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#88
 1,4-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.5
148	64.8	32.4	97.0





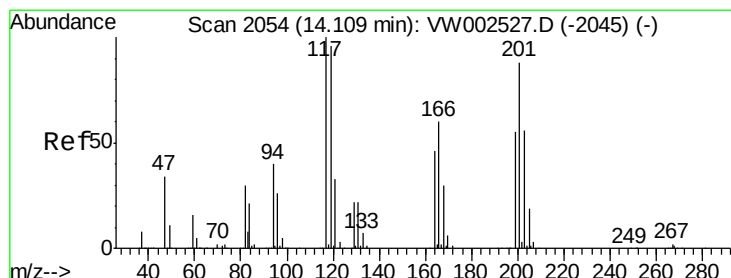
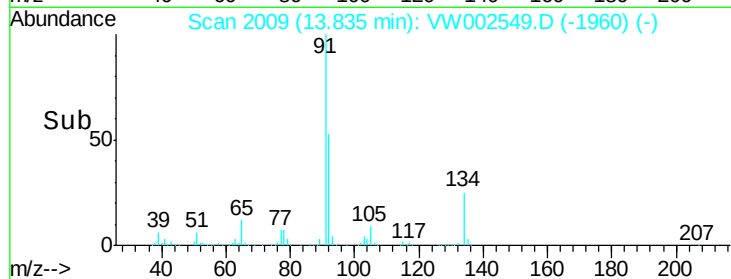
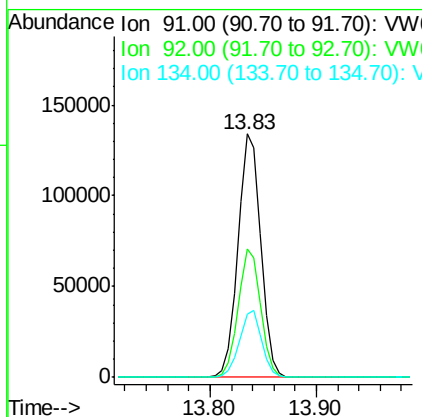
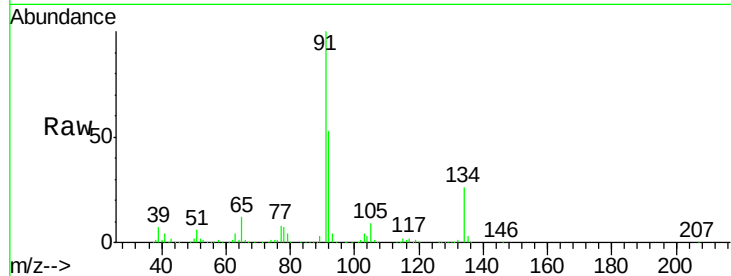
#89
n-Butylbenzene
Concen: 20.95 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	201075		
92	52.2		26.1	78.2
134	27.0		13.1	39.1

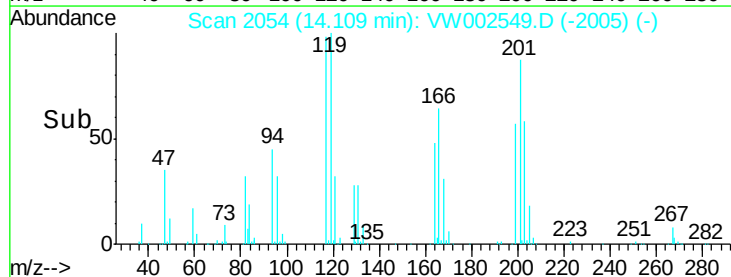
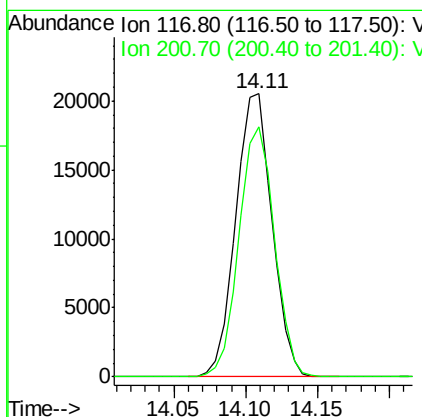
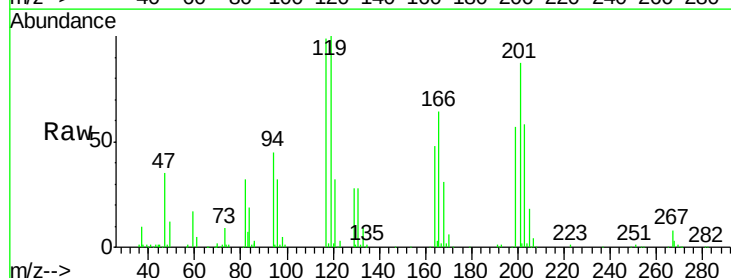
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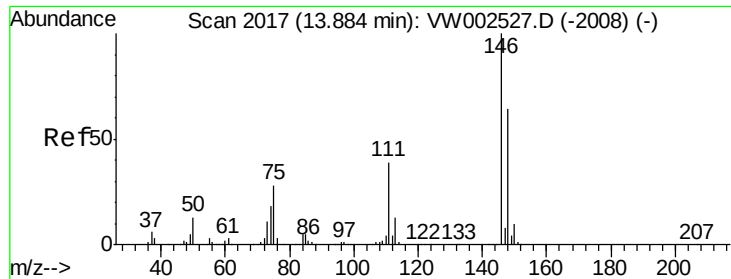
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#90
Hexachloroethane
Concen: 19.82 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW002549.D
Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36013		
201	86.0		42.0	126.0





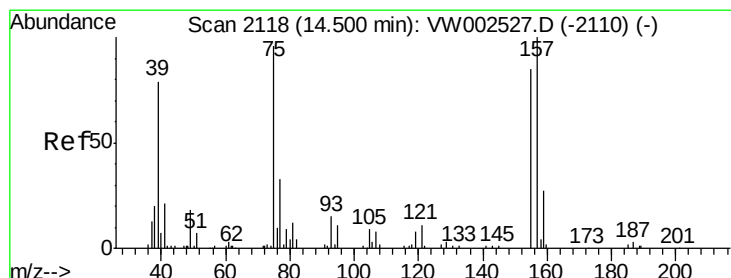
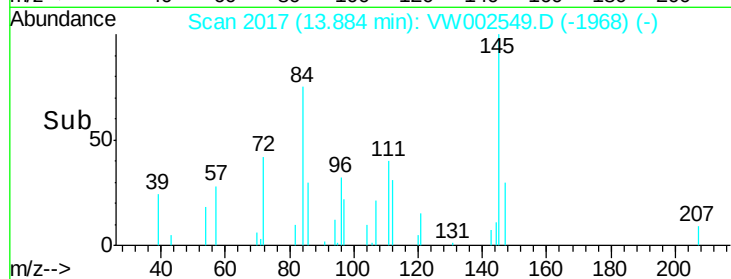
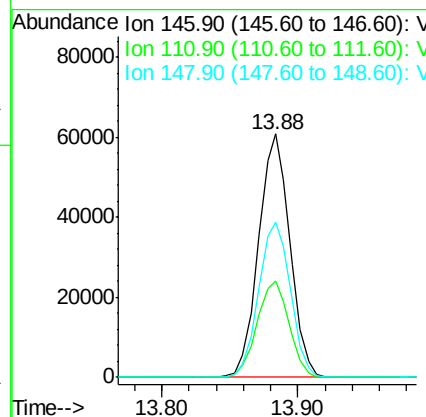
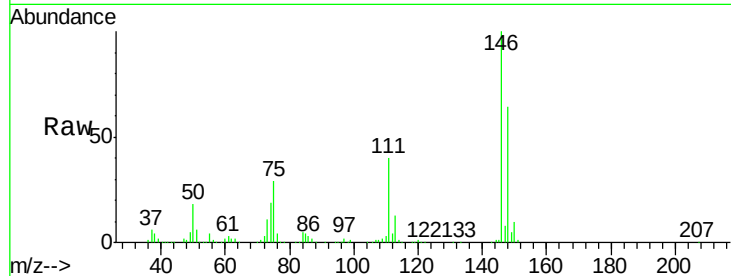
#91
 1,2-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.6
148	64.9	32.1	96.3

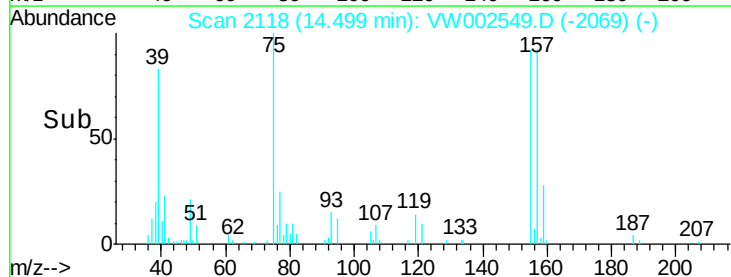
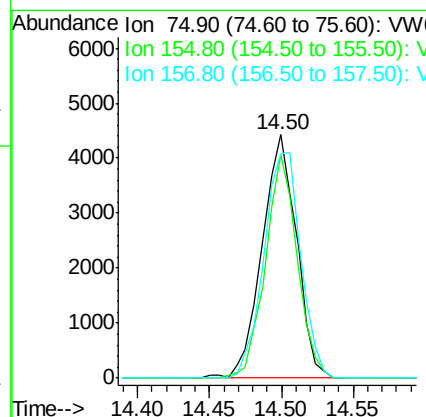
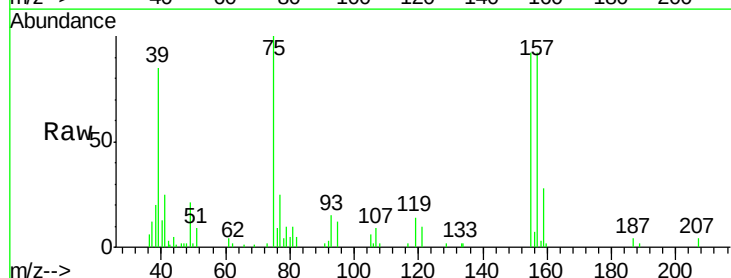
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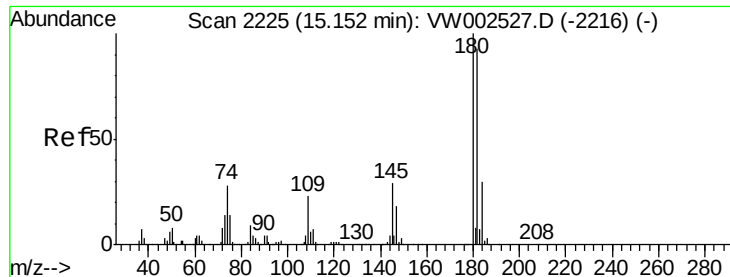
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.21 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.8	128.4
157	99.2	57.4	172.0





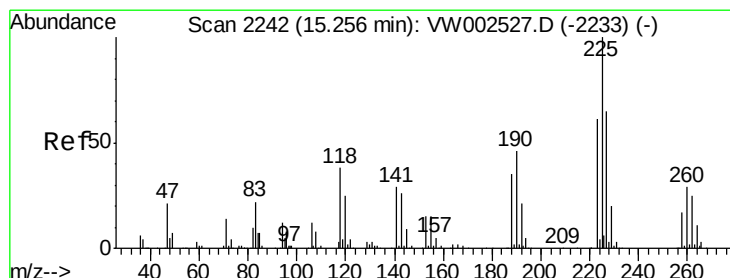
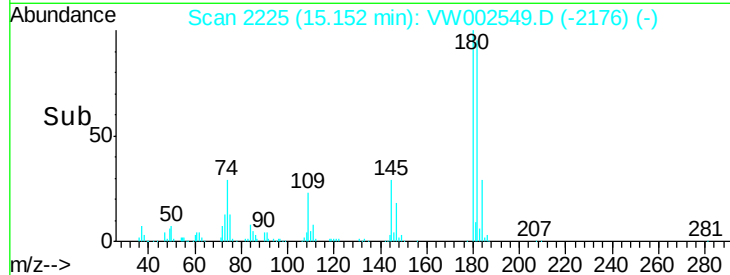
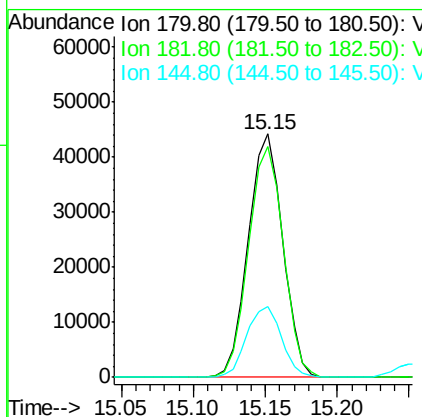
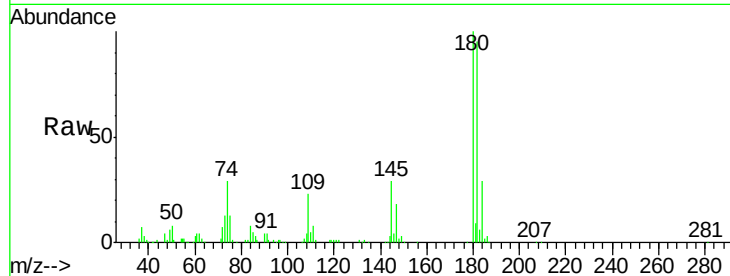
#93
 1,2,4-Trichlorobenzene
 Concen: 20.14 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS02

Tot Ion:	180	Resp:	73158
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.2	141.6
145	29.6	14.9	44.9

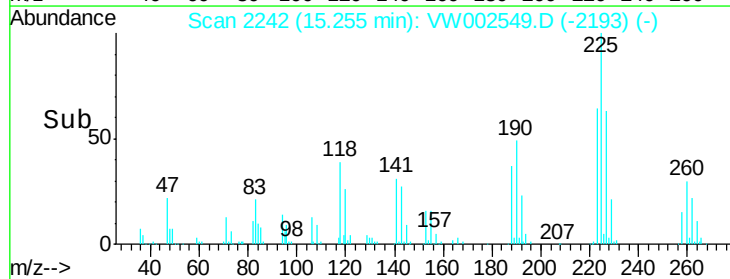
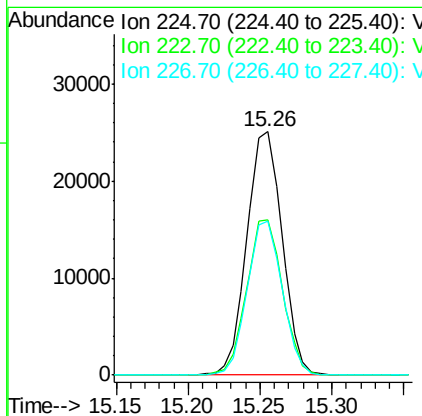
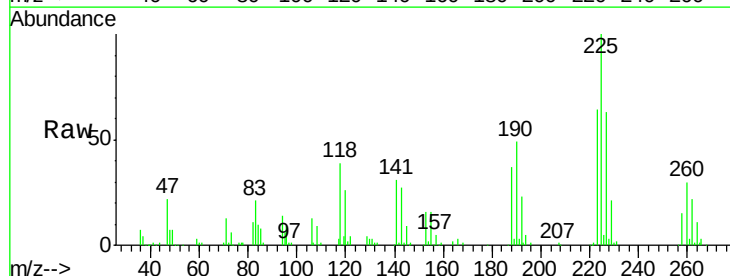
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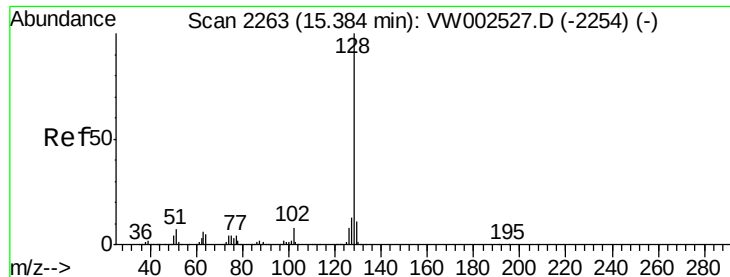
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#94
 Hexachlorobutadiene
 Concen: 21.04 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VW002549.D
 Acq: 15 May 2018 13:28

Tgt Ion:	225	Resp:	42516
Ion Ratio	Lower	Upper	
225	100		
223	64.6	31.3	93.9
227	62.6	31.9	95.5





#95

Naphthalene

Concen: 18.73 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Instrument :

MSVOA_W

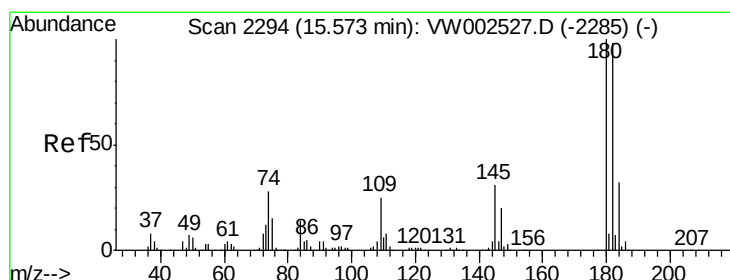
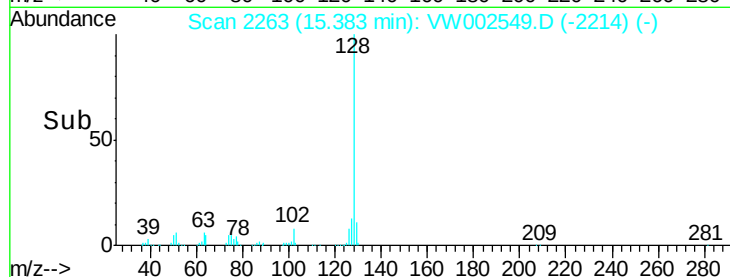
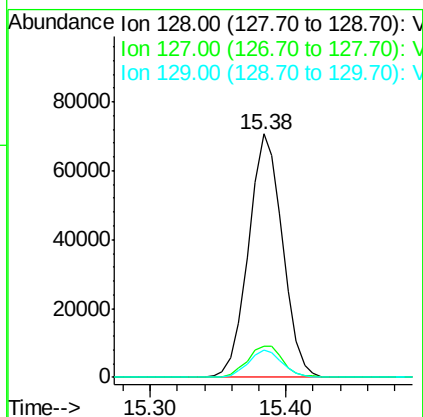
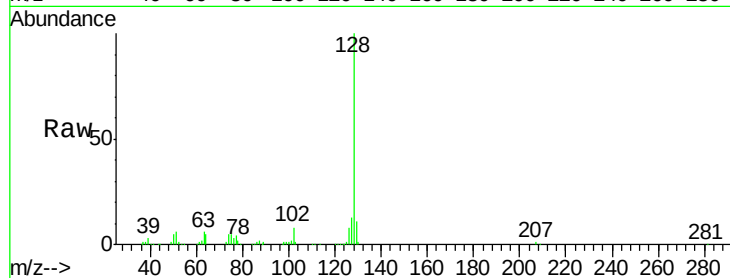
ClientSampleId :

VW0515SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.3	8.9	13.3

Manual Integrations
APPROVED

apatel
5/16/2018 12:25:38 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.04 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002549.D

Acq: 15 May 2018 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.8
145	30.5	15.5	46.5

