

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100618\
 Data File : VW005869.D
 Acq On : 05 Oct 2018 00:30
 Operator : SY/AP
 Sample : VW1006SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Manual Integrations
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 10/5/2018 3:12:50 PM

Quant Time: Oct 05 01:22:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111314	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	7.88	113	90271	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.33	98	385571	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	142122	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	22148	20.578	ug/l	91
3) Chloromethane	2.21	50	23268	17.940	ug/l	99
4) Vinyl Chloride	2.37	62	35873	18.889	ug/l	99
5) Bromomethane	2.78	94	23809	17.989	ug/l	99
6) Chloroethane	2.93	64	21577	18.576	ug/l	90
7) Trichlorofluoromethane	3.26	101	21947	16.803	ug/l	98
8) Diethyl Ether	3.68	74	19282	19.468	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	34946	19.345	ug/l	97
10) Methyl Iodide	4.27	142	56010	19.108	ug/l	98
11) Tert butyl alcohol	5.21	59	14440m	104.445	ug/l	
12) 1,1-Dichloroethene	4.04	96	34461	19.469	ug/l	94
13) Acrolein	3.90	56	15128	108.904	ug/l	100
14) Allyl chloride	4.67	41	55008	19.149	ug/l	100
15) Acrylonitrile	5.37	53	44373	105.721	ug/l	99
16) Acetone	4.14	43	46151	120.948	ug/l	97
17) Carbon Disulfide	4.38	76	99565	17.790	ug/l	99
18) Methyl Acetate	4.68	43	20655	19.033	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	55530	19.984	ug/l	99
20) Methylene Chloride	4.92	84	45847	16.868	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	37728	19.528	ug/l	95
22) Diisopropyl ether	6.31	45	104444	18.526	ug/l	99
23) Vinyl Acetate	6.26	43	313202	97.799	ug/l	99
24) 1,1-Dichloroethane	6.22	63	70041	19.147	ug/l	97
25) 2-Butanone	7.18	43	58148	108.331	ug/l	94
26) 2,2-Dichloropropane	7.17	77	44150	19.329	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	41387	19.219	ug/l	98
28) Bromochloromethane	7.52	49	24994	19.344	ug/l	95
29) Tetrahydrofuran	7.53	42	35008	105.650	ug/l	96
30) Chloroform	7.68	83	73321	18.703	ug/l	99
31) Cyclohexane	7.96	56	57988	18.543	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	62720	18.745	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52816	19.098	ug/l	99
37) Ethyl Acetate	7.26	43	24949	21.677	ug/l	98
38) Carbon Tetrachloride	8.07	117	57663	18.713	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58851	18.903	ug/l	98
40) Benzene	8.32	78	158782	19.811	ug/l	98
41) Methacrylonitrile	7.49	41	14349	20.863	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53030	19.672	ug/l	100
43) Isopropyl Acetate	8.43	43	46711	20.532	ug/l	99
44) Trichloroethene	9.10	130	39200	18.505	ug/l	96
45) 1,2-Dichloropropane	9.37	63	33938	17.882	ug/l	95
46) Dibromomethane	9.46	93	19536	18.821	ug/l	99
47) Bromodichloromethane	9.65	83	52962	19.279	ug/l	99
48) Methyl methacrylate	9.44	41	20933	19.005	ug/l	96
49) 1,4-Dioxane	9.46	88	6381	393.452	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	129376	109.311	ug/l	100
52) Toluene	10.39	92	104160	20.390	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	54264	20.230	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	59549	19.829	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30948	20.638	ug/l	95
56) Ethyl methacrylate	10.65	69	37524	20.894	ug/l	97
57) 1,3-Dichloropropane	10.93	76	52574	20.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	80264	108.713	ug/l	99
59) 2-Hexanone	10.98	43	90230	113.981	ug/l	99
60) Dibromochloromethane	11.13	129	36758	19.636	ug/l	92
61) 1,2-Dibromoethane	11.24	107	29052	20.857	ug/l	99
64) Tetrachloroethene	10.87	164	41410	19.672	ug/l	95
65) Chlorobenzene	11.66	112	116706	19.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41781	19.116	ug/l	97
67) Ethyl Benzene	11.74	91	199205	19.729	ug/l	99
68) m/p-Xylenes	11.84	106	155173	39.883	ug/l	100
69) o-Xylene	12.17	106	70826	19.585	ug/l	98
70) Styrene	12.19	104	122596	19.986	ug/l	99
71) Bromoform	12.35	173	24459	20.328	ug/l #	99
73) Isopropylbenzene	12.47	105	203127	19.874	ug/l	100
74) N-amyl acetate	12.28	43	47117	21.182	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	35798	20.413	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	25689m	19.028	ug/l	
77) Bromobenzene	12.75	156	48931	19.390	ug/l	96
78) n-propylbenzene	12.81	91	243125	19.999	ug/l	100
79) 2-Chlorotoluene	12.90	91	142236	19.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	175944	19.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11399	21.344	ug/l	99
82) 4-Chlorotoluene	12.99	91	154888	20.293	ug/l	96
83) tert-Butylbenzene	13.21	119	141531	19.120	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	182900	20.069	ug/l	98
85) sec-Butylbenzene	13.39	105	210234	19.675	ug/l	100
86) p-Isopropyltoluene	13.51	119	190660	19.879	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	97794	19.210	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97462	19.188	ug/l	99
89) n-Butylbenzene	13.83	91	178276	20.182	ug/l	100
90) Hexachloroethane	14.10	117	34696	19.240	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	91857	20.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7340	21.649	ug/l	97

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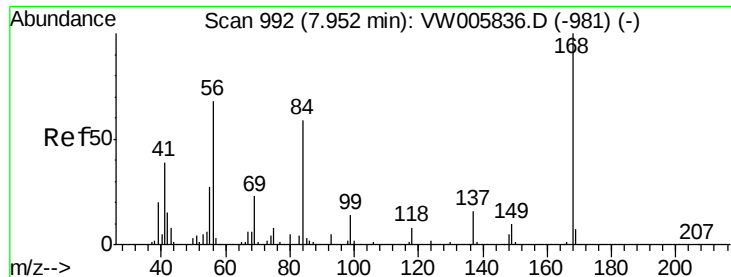
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	65096	20.351	ug/l	99
94) Hexachlorobutadiene	15.24	225	40910	20.226	ug/l	100
95) Naphthalene	15.38	128	114086	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	59739	20.773	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion:168 Resp: 188470

Ion Ratio Lower Upper

168 100

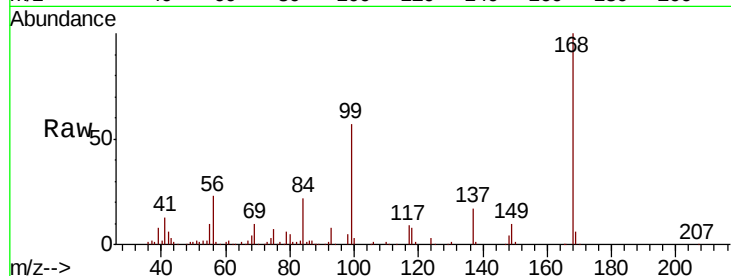
99 56.5 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

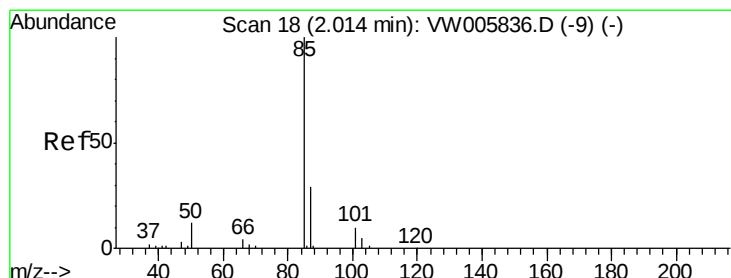
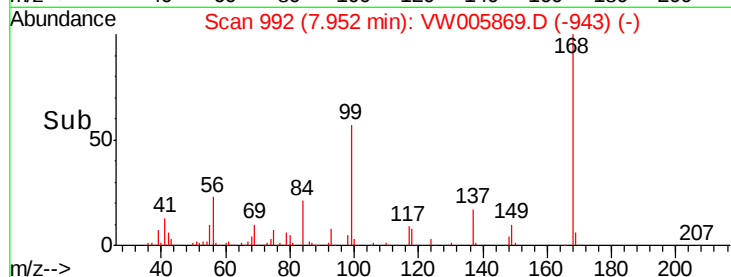
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.578 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005869.D

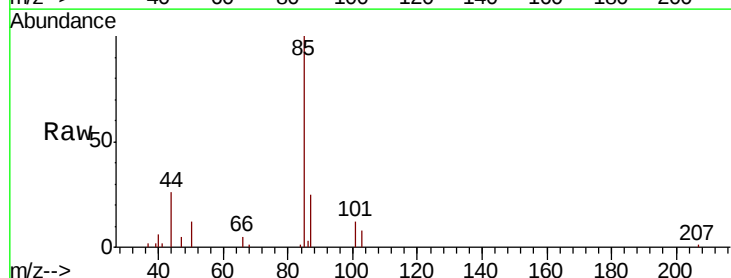
Acq: 05 Oct 2018 00:30

Tgt Ion: 85 Resp: 22148

Ion Ratio Lower Upper

85 100

87 24.6 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

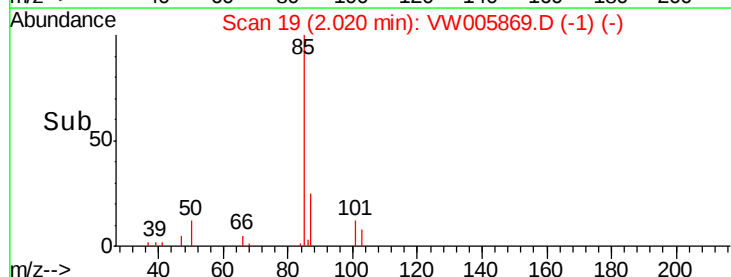
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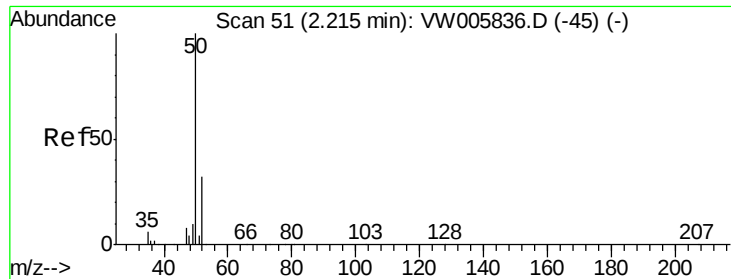
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 17.940 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 50 Resp: 23268

Ion Ratio Lower Upper

50 100

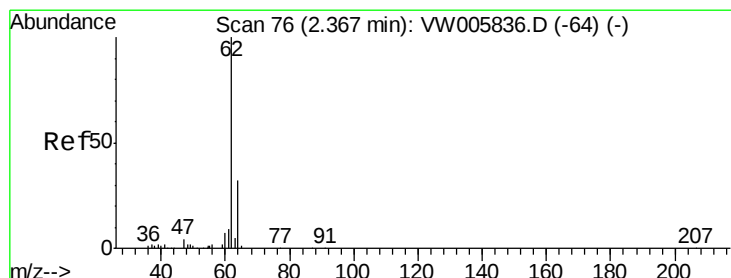
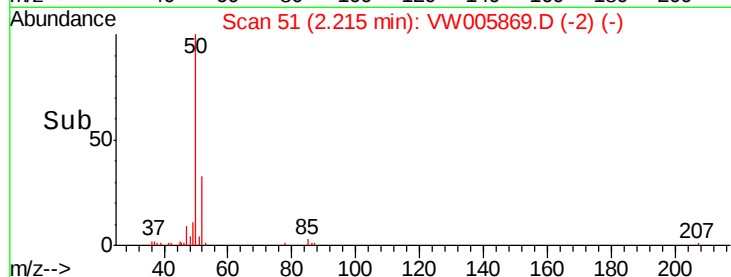
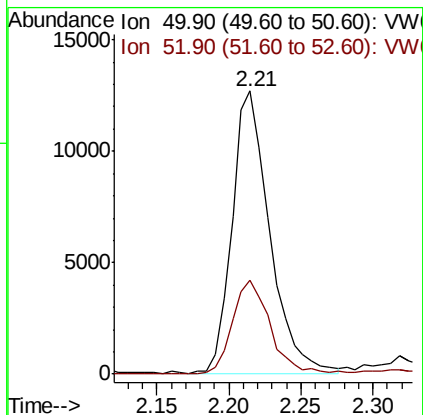
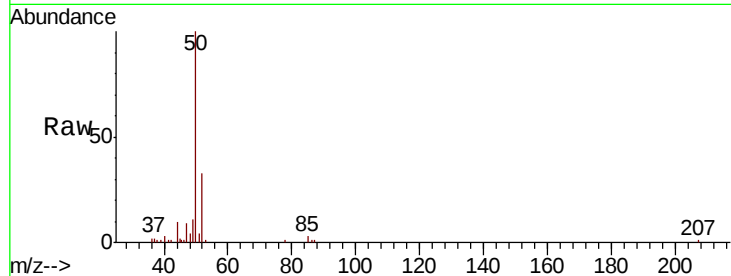
52 33.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.889 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005869.D

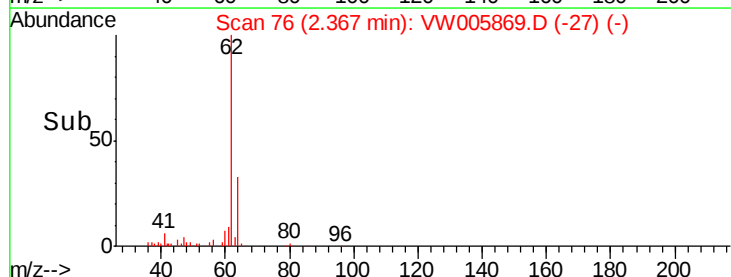
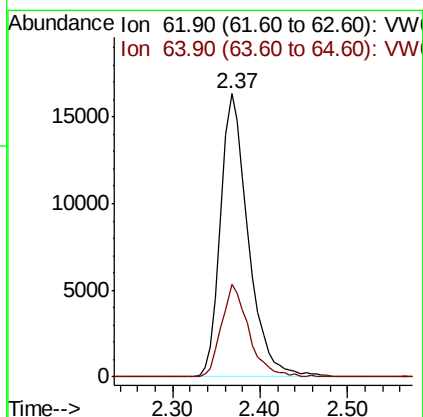
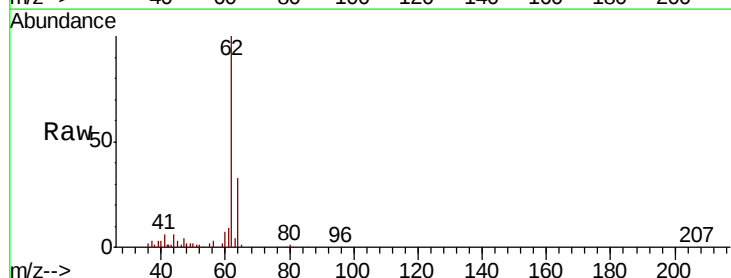
Acq: 05 Oct 2018 00:30

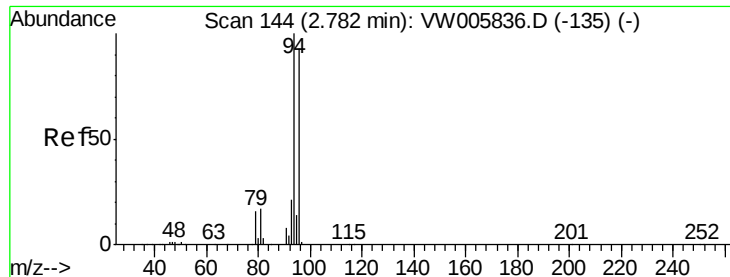
Tgt Ion: 62 Resp: 35873

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 17.989 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 94 Resp: 23809

Ion Ratio Lower Upper

94 100

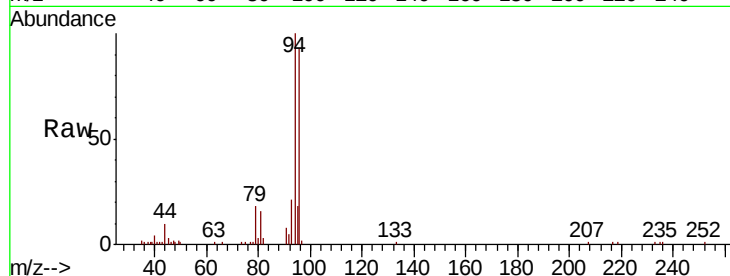
96 91.8 74.5 111.7

Manual Integrations

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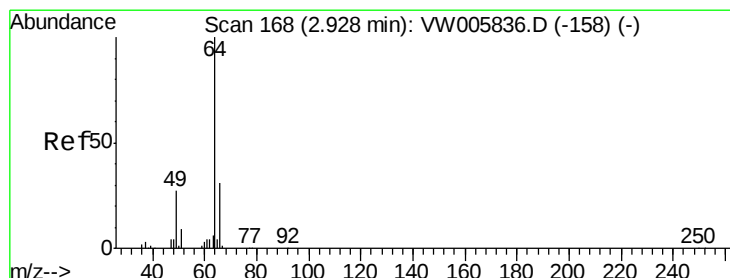
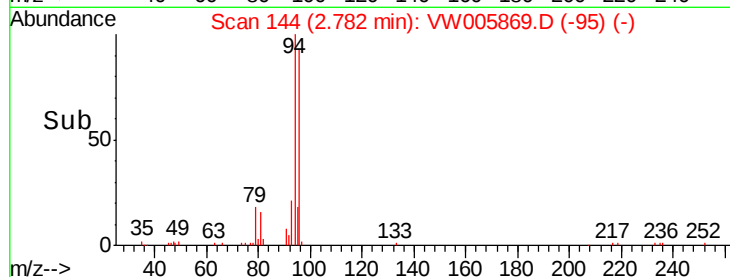
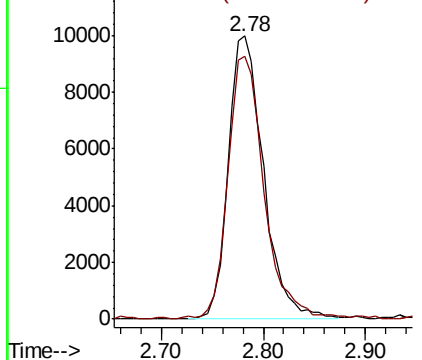
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.576 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005869.D

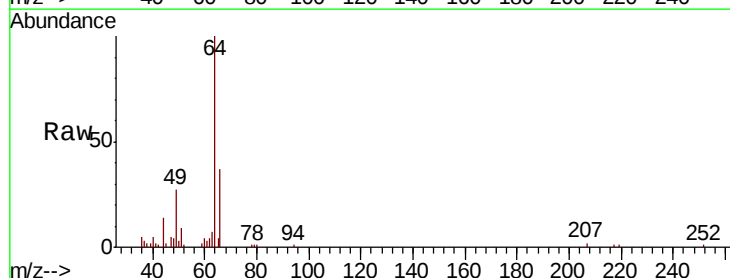
Acq: 05 Oct 2018 00:30

Tgt Ion: 64 Resp: 21577

Ion Ratio Lower Upper

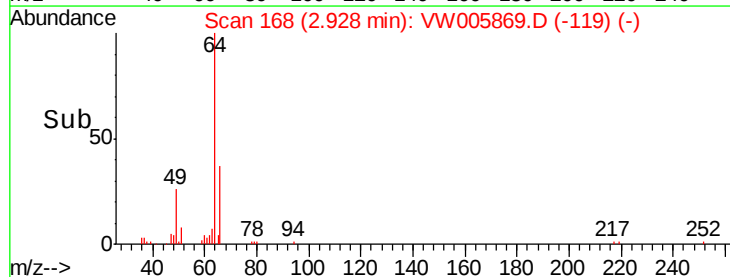
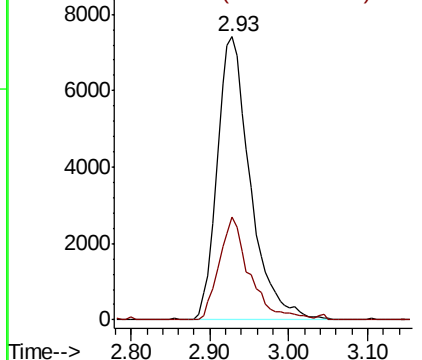
64 100

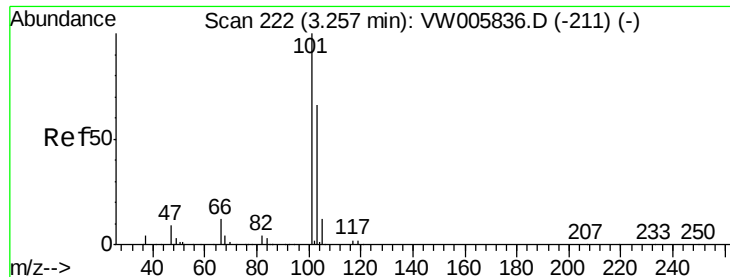
66 36.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

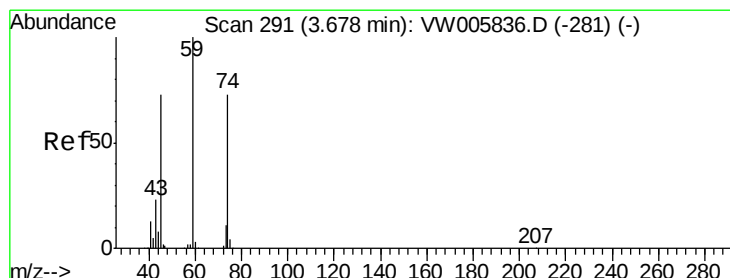
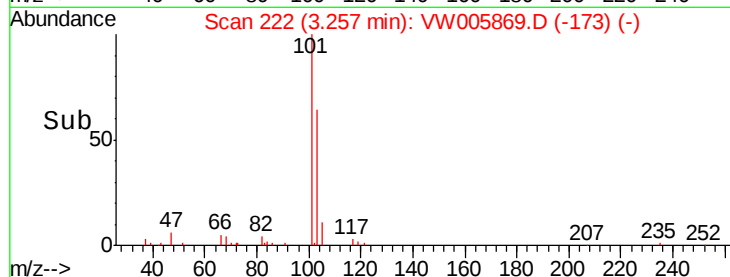
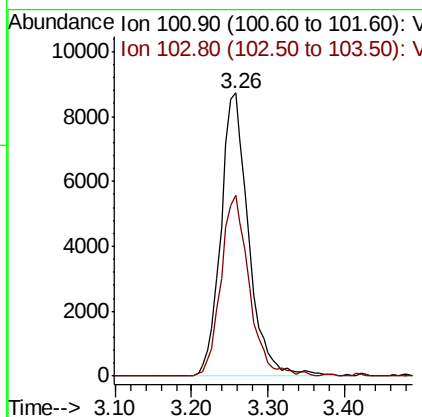
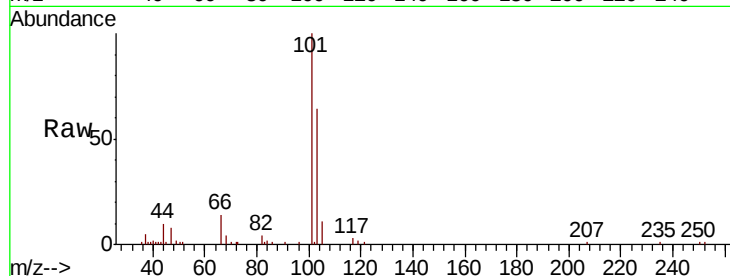
Trichlorofluoromethane
Concen: 16.803 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

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ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.5	78.7

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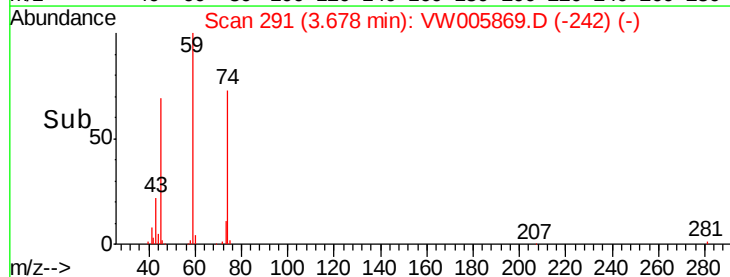
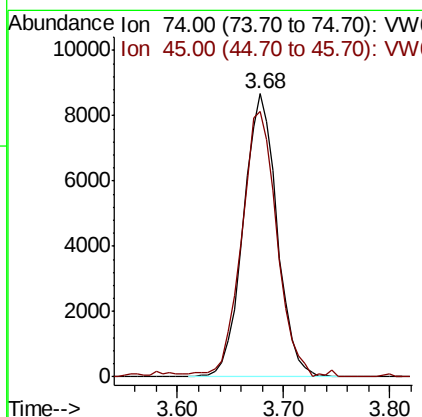
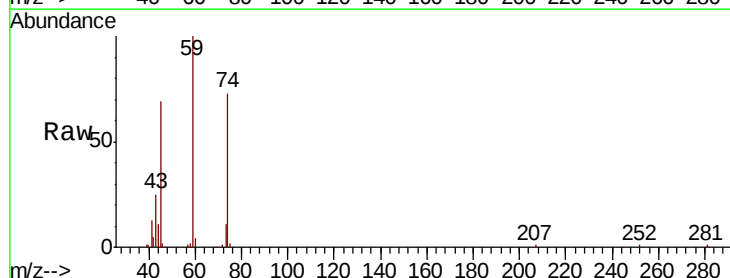
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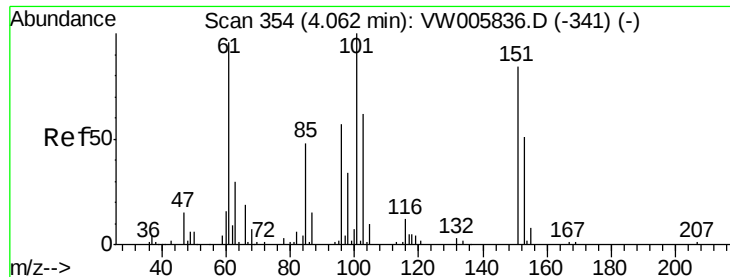


#8

Diethyl Ether
Concen: 19.468 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.345 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005869.D

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Instrument :

MSVOA_W

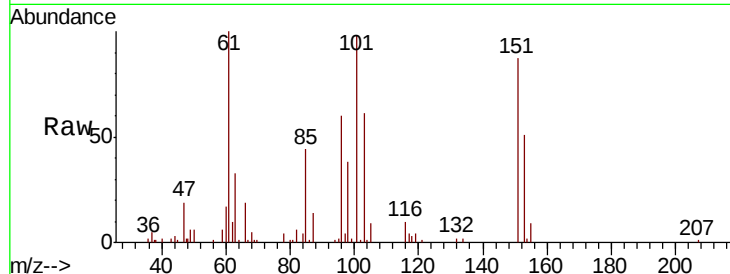
ClientSampleId :

VW1006SBS01

Tot Ion:	101	Resp:	34946
Ion	Ratio	Lower	Upper
101	100		
85	47.1	35.5	53.3
151	86.3	67.4	101.2

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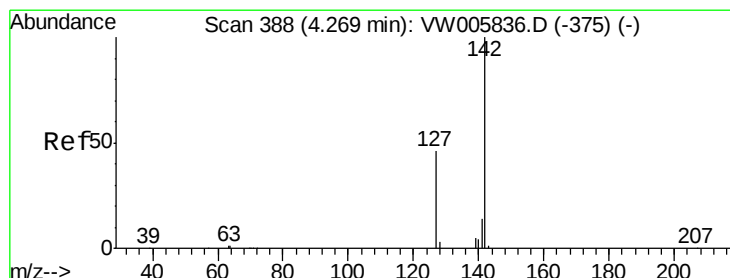
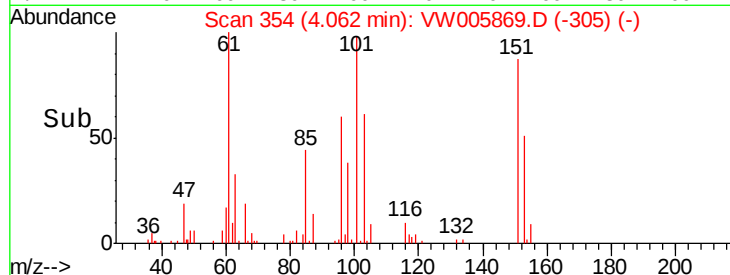
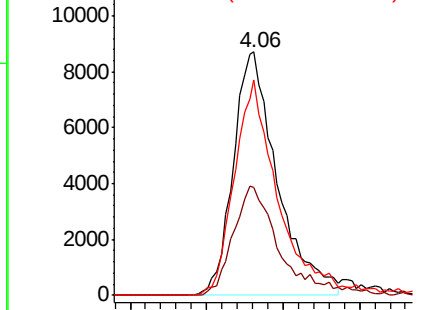


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.108 ug/l

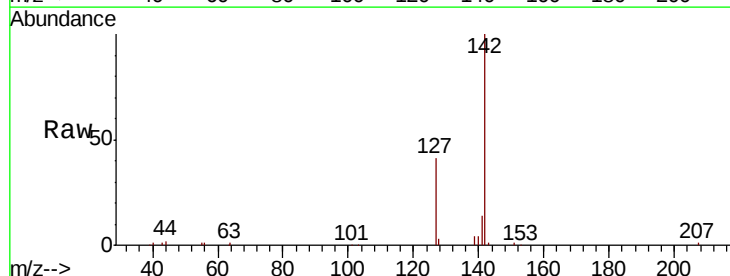
RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	142	Resp:	56010
Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.4	56.0
141	14.8	12.2	18.2

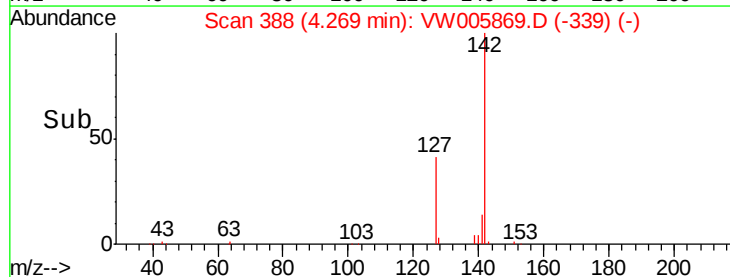
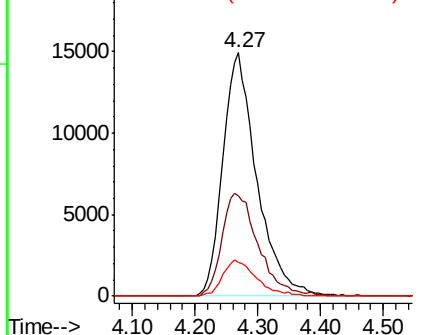


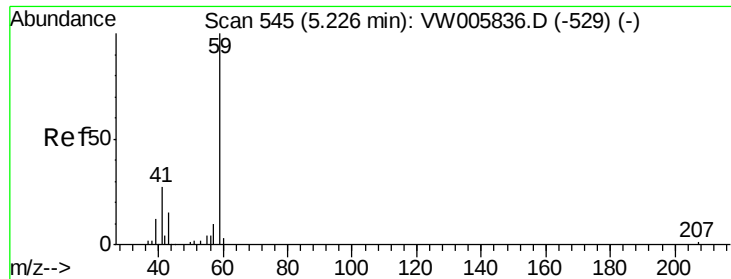
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

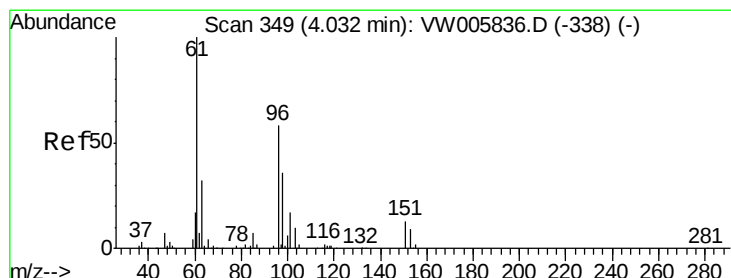
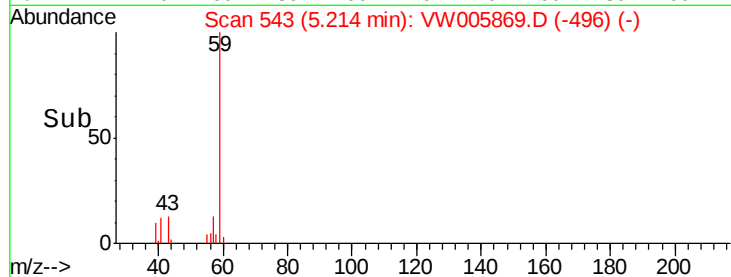
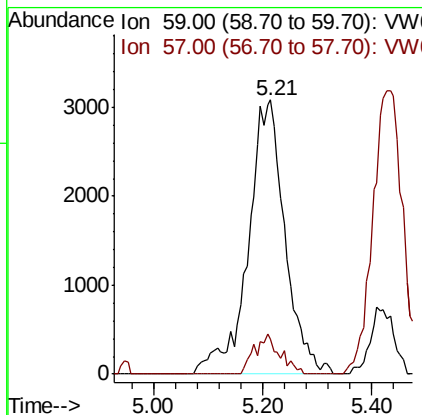
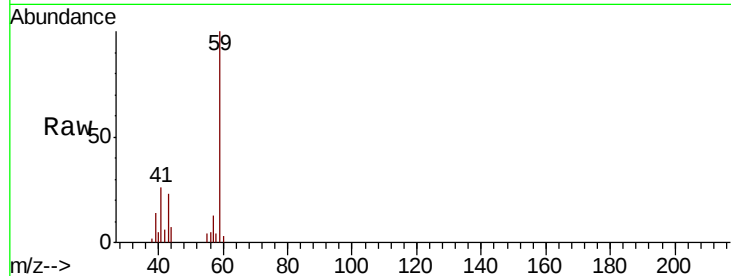
Tert butyl alcohol
 Concen: 104.445 ug/l m
 RT: 5.21 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	59	Resp	14440
Ion Ratio	100	Lower	Upper
57	10.1	4.9	7.3#

Manual Integrations
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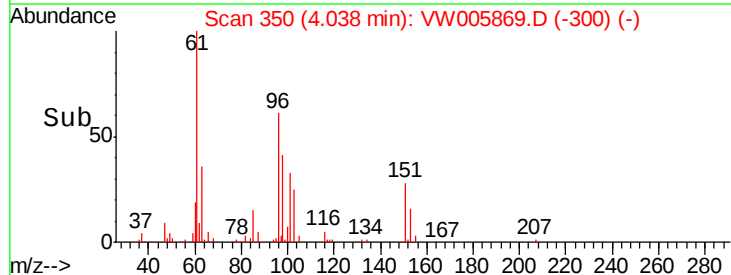
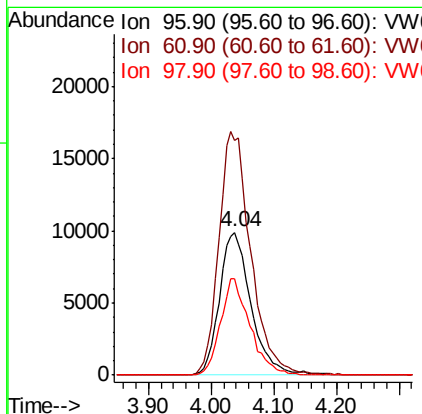
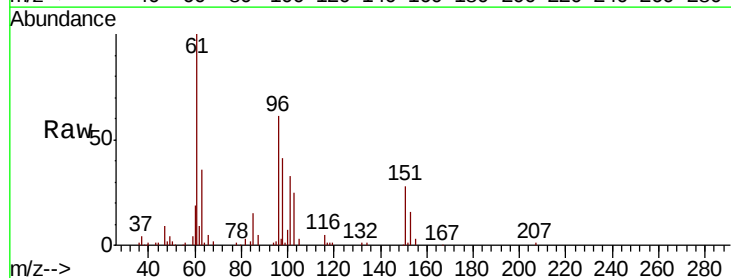
apatel
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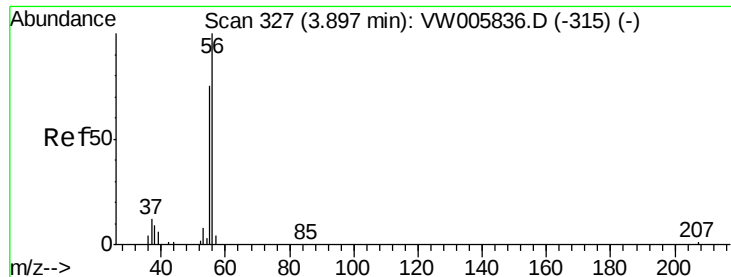


#12

1,1-Dichloroethene
 Concen: 19.469 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	96	Resp	34461
Ion Ratio	100	Lower	Upper
61	164.7	138.8	208.2
98	67.3	50.6	75.8





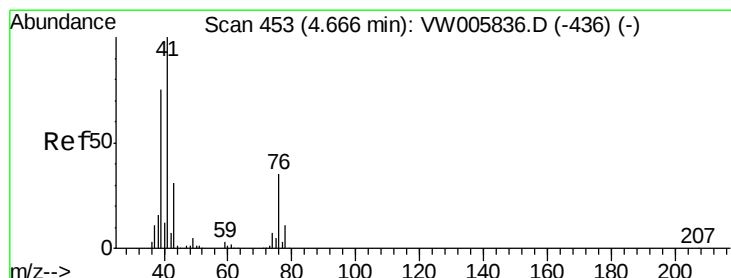
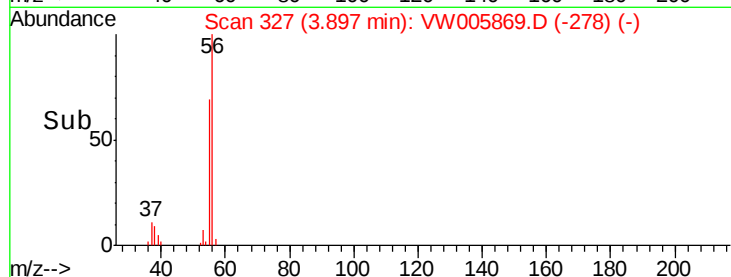
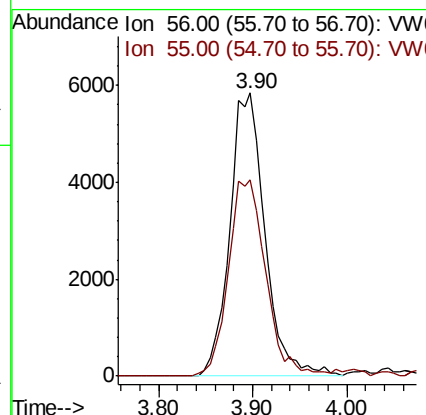
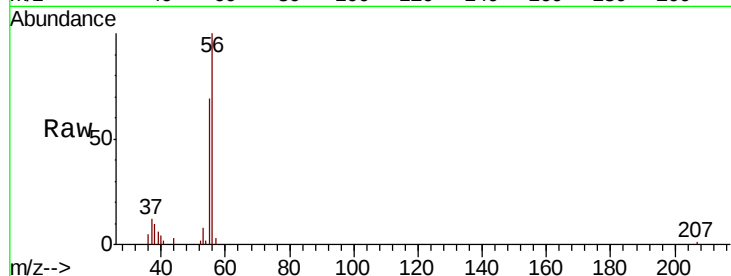
#13
Acrolein
Concen: 108.904 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	56	Resp	15128
Ion Ratio	Lower	Upper	
56	100		
55	73.7	59.2	88.8

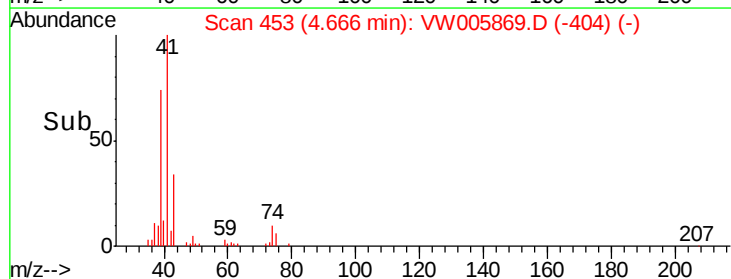
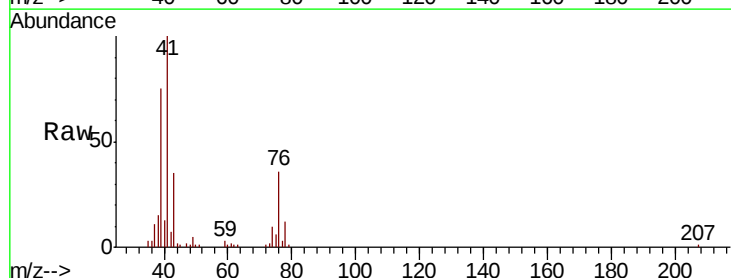
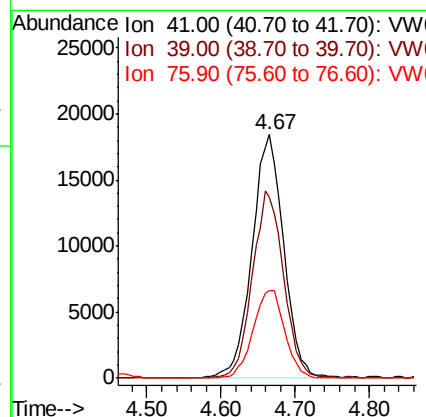
Manual Integrations
APPROVED

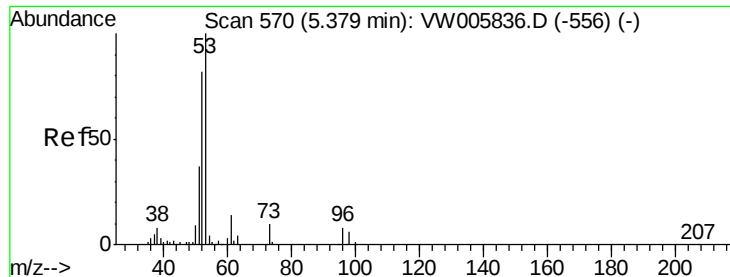
apatel
10/5/2018 3:12:50 PM



#14
Allyl chloride
Concen: 19.149 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	41	Resp	55008
Ion Ratio	Lower	Upper	
41	100		
39	75.5	60.3	90.5
76	36.0	28.9	43.3





#15

Acrylonitrile

Concen: 105.721 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

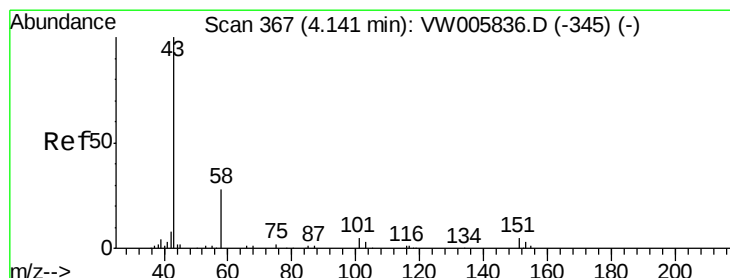
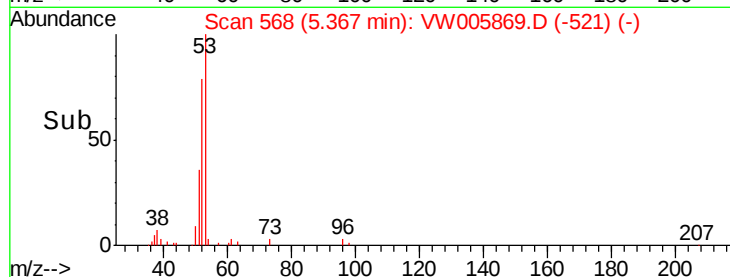
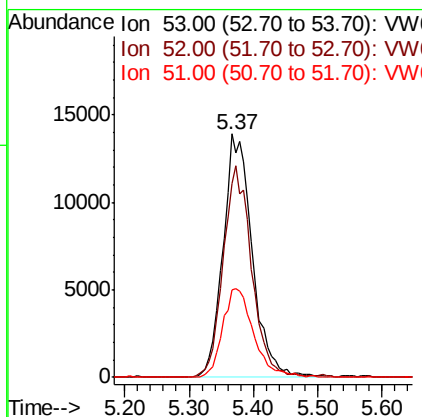
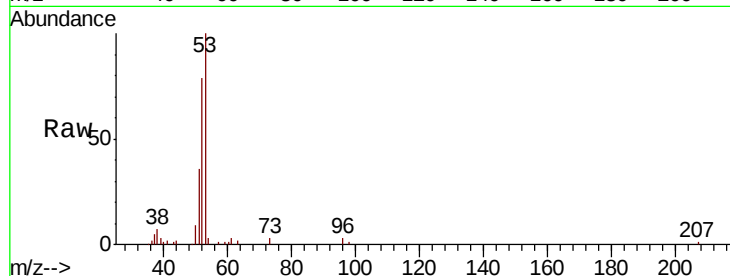
ClientSampleId :

VW1006SBS01

Tot Ion:	53	Resp:	44373
Ion	Ratio	Lower	Upper
53	100		
52	84.7	67.3	100.9
51	38.4	30.2	45.2

Manual Integrations
APPROVED

apatel
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#16

Acetone

Concen: 120.948 ug/l

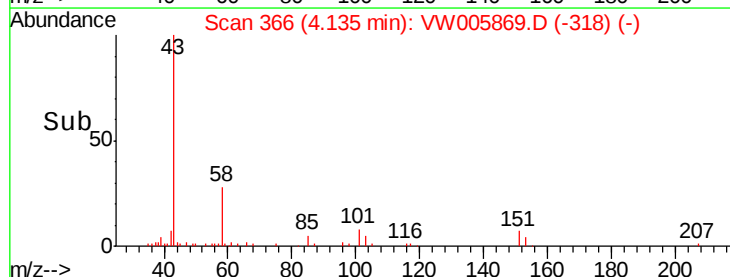
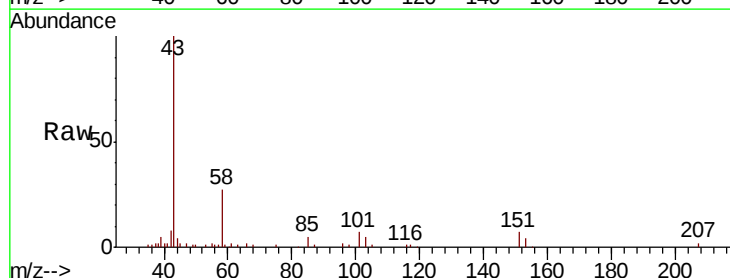
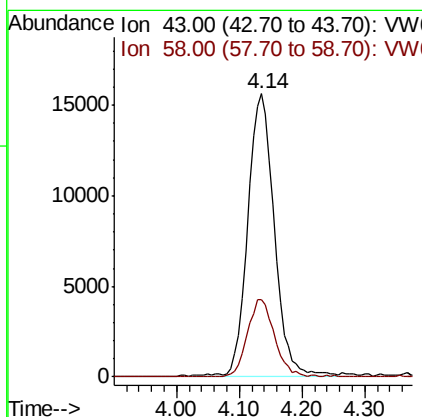
RT: 4.14 min Scan# 366

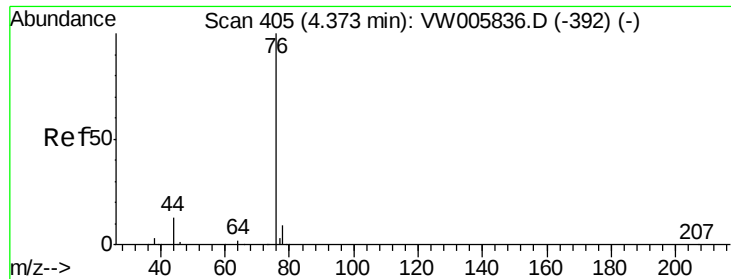
Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	43	Resp:	46151
Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.0	34.4





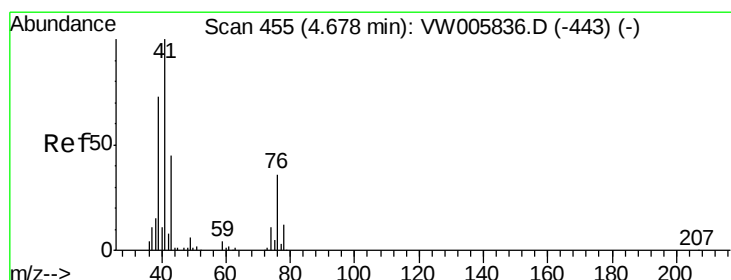
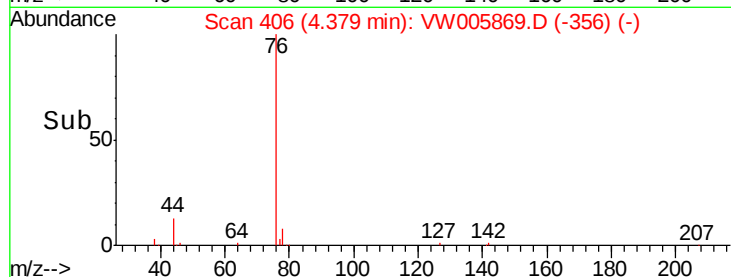
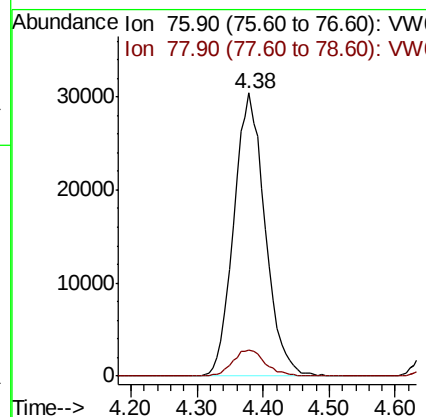
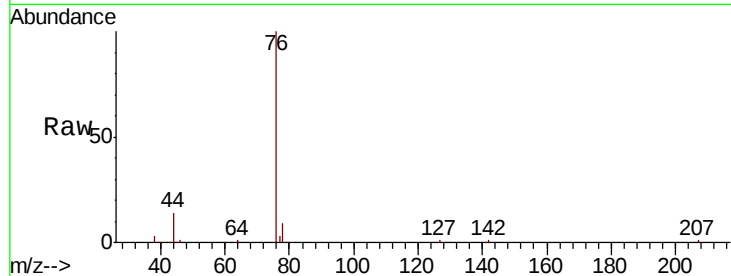
#17
Carbon Disulfide
Concen: 17.790 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

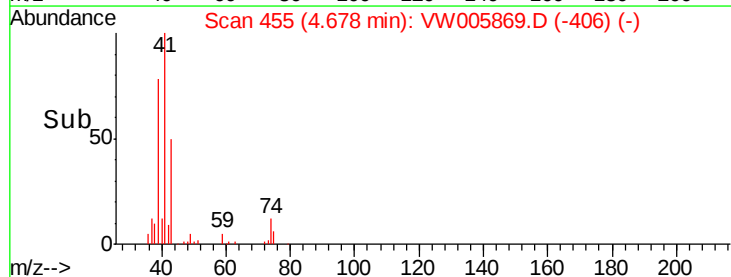
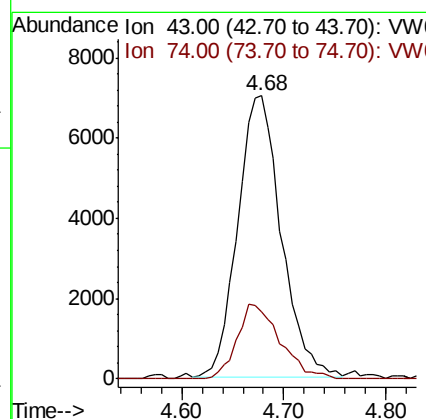
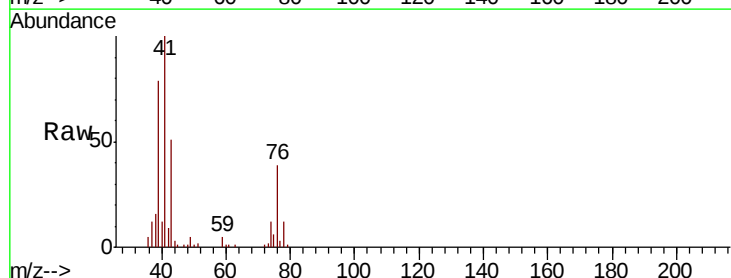
Manual Integrations
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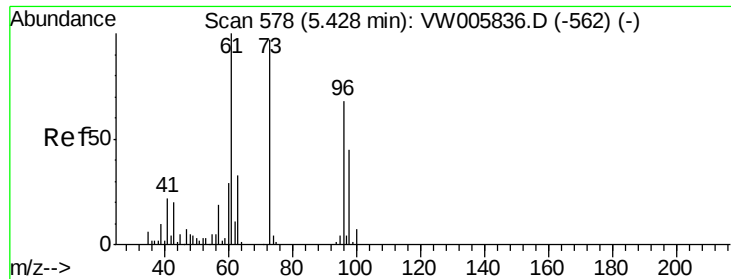
apatel
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#18
Methyl Acetate
Concen: 19.033 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.5	29.3





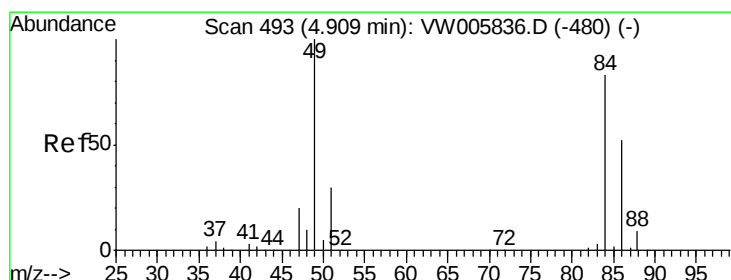
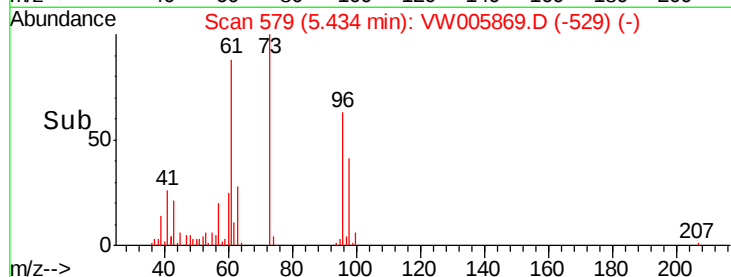
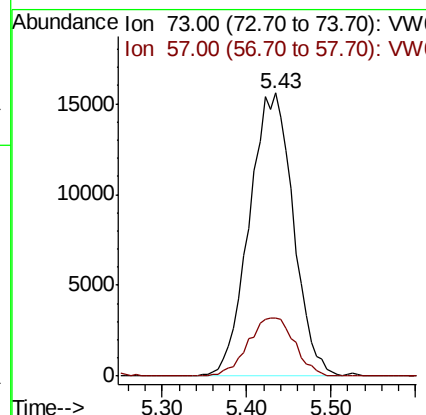
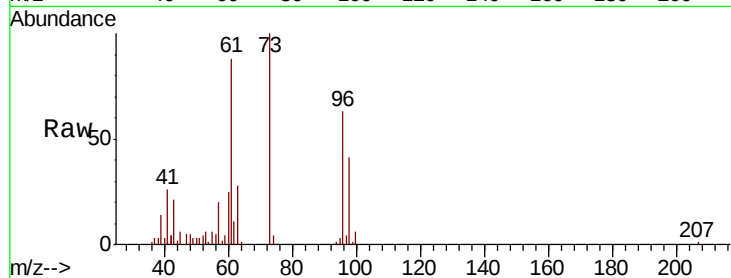
#19
Methyl tert-butyl Ether
Concen: 19.984 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampled :
VW1006SBS01

Tot Ion: 73 Resp: 55530
Ion Ratio Lower Upper
73 100
57 20.4 15.9 23.9

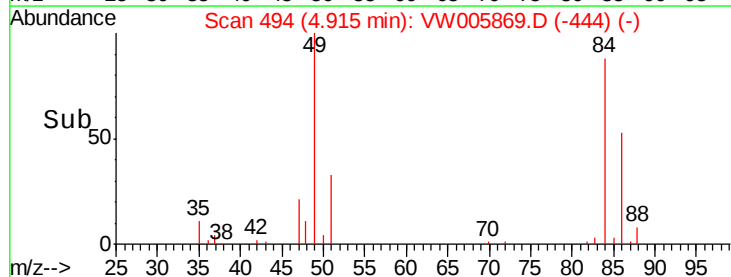
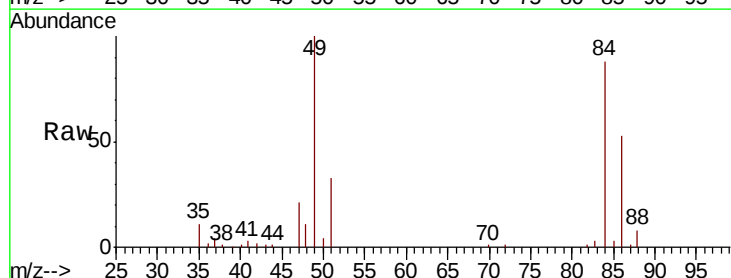
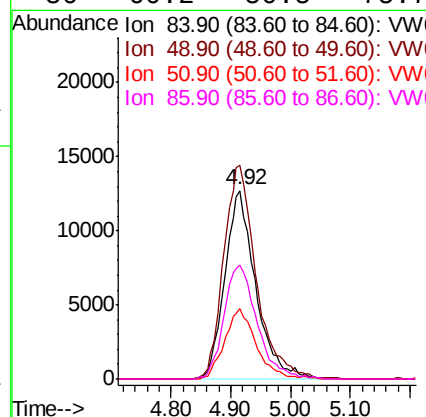
Manual Integrations
APPROVED

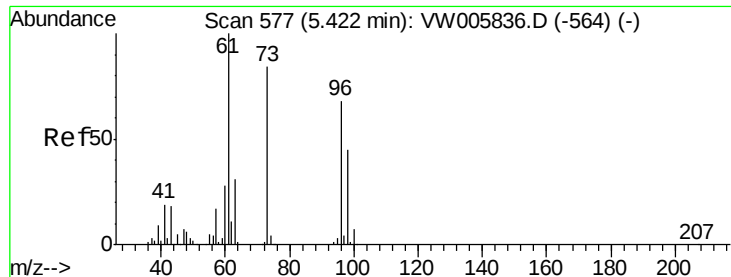
apatel
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#20
Methylene Chloride
Concen: 16.868 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 84 Resp: 45847
Ion Ratio Lower Upper
84 100
49 113.3 96.8 145.2
51 37.6 28.8 43.2
86 60.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.528 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 96 Resp: 37728

Ion Ratio Lower Upper

96 100

61 137.7 117.0 175.6

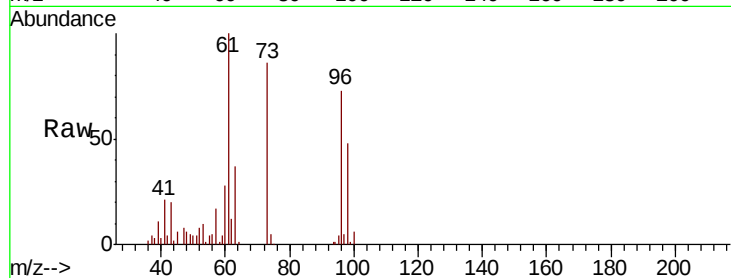
98 65.8 52.2 78.2

Manual Integrations

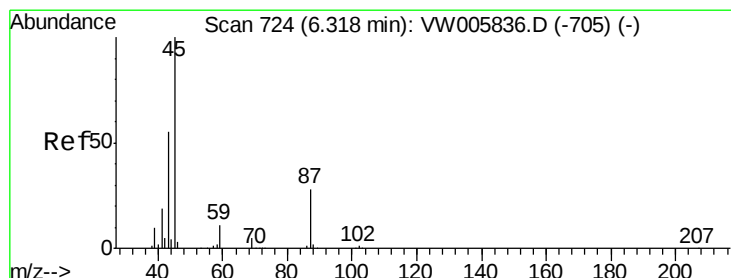
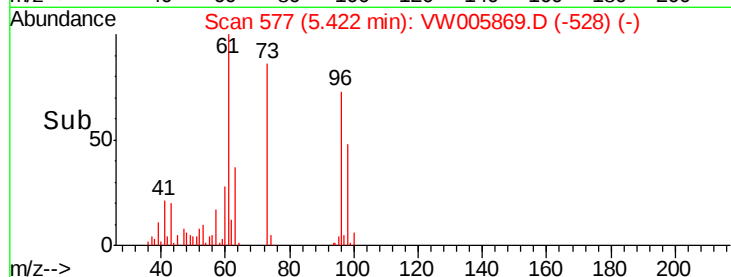
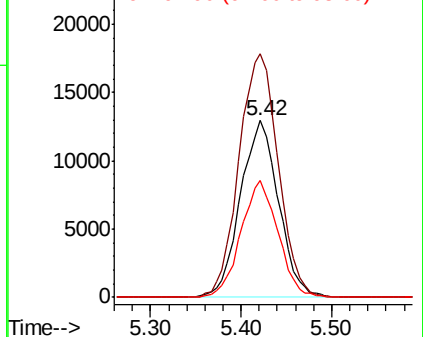
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 18.526 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 45 Resp: 104444

Ion Ratio Lower Upper

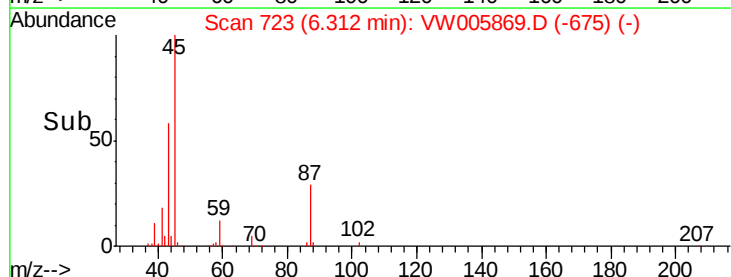
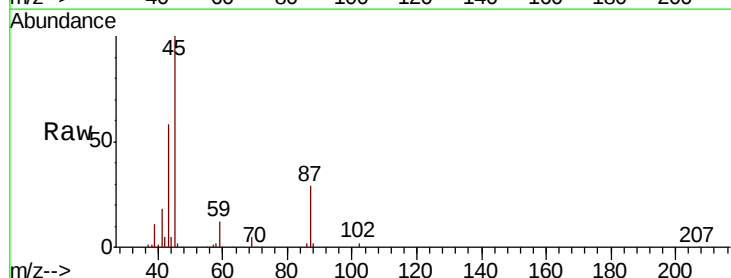
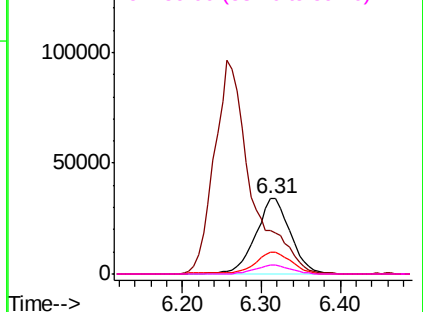
45 100

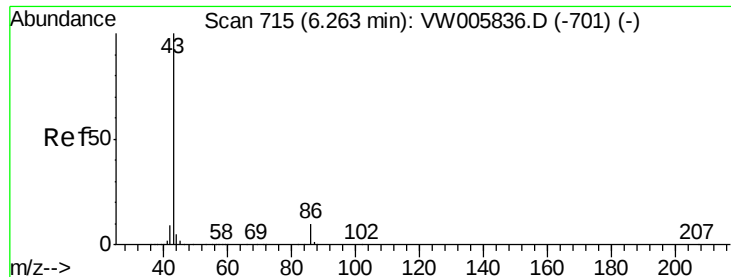
43 57.5 44.6 67.0

87 29.4 23.4 35.2

59 11.5 9.0 13.6

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 97.799 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 43 Resp: 313202

Ion Ratio Lower Upper

43 100

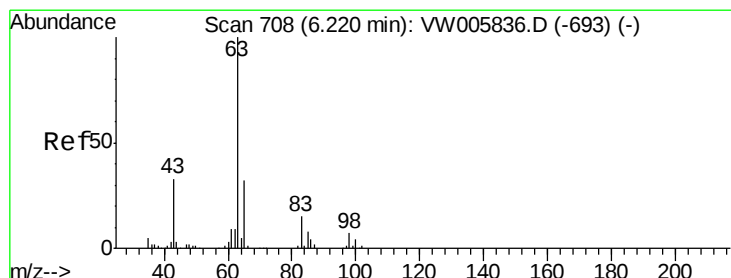
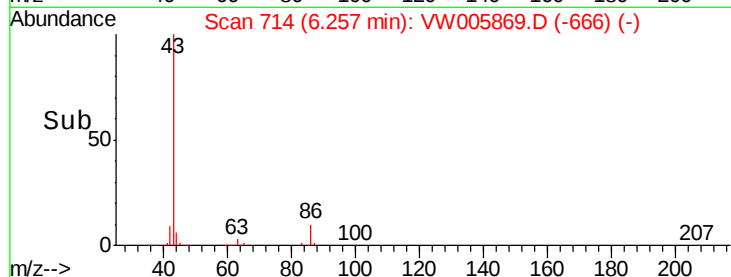
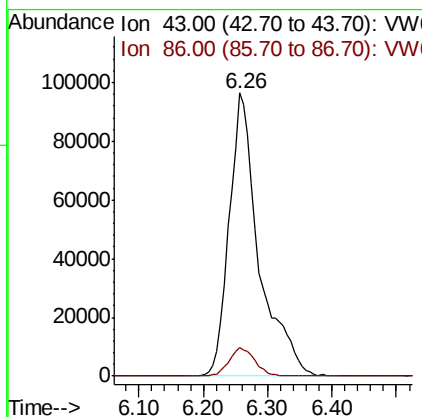
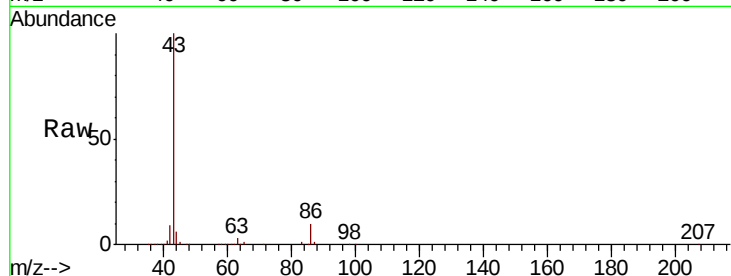
86 10.3 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.147 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

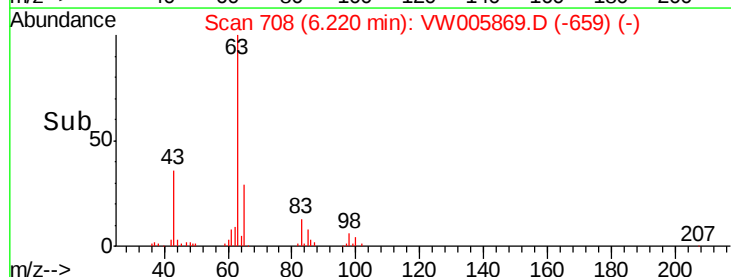
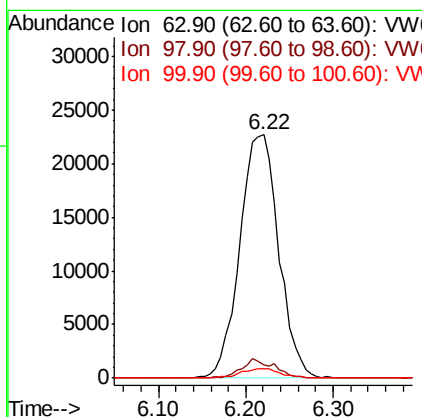
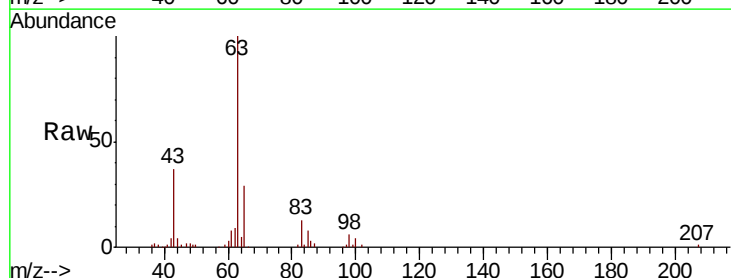
Tgt Ion: 63 Resp: 70041

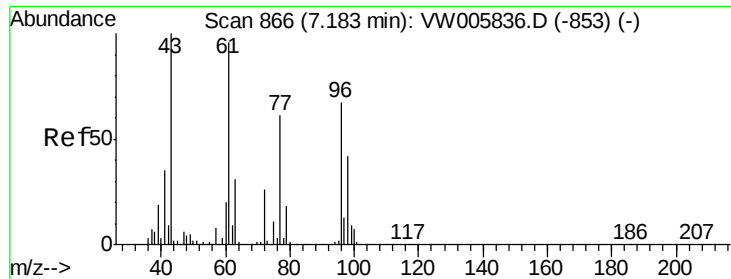
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.5

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 108.331 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampled :

VW1006SBS01

Tot Ion: 43 Resp: 58148

Ion Ratio Lower Upper

43 100

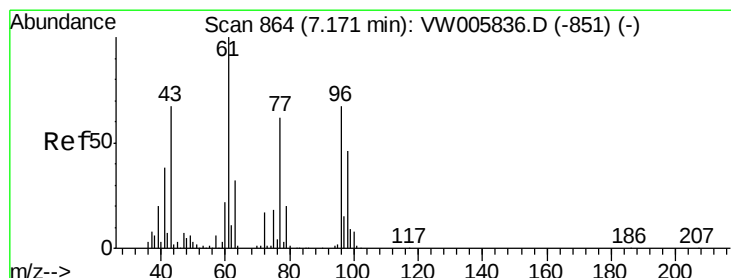
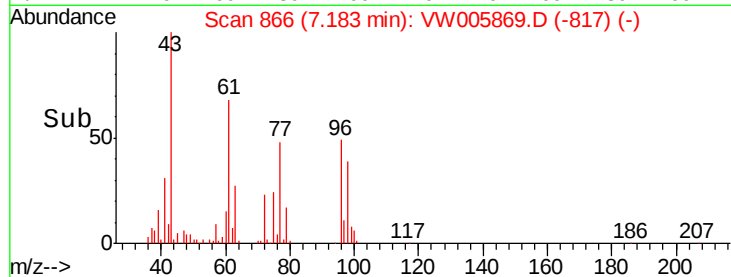
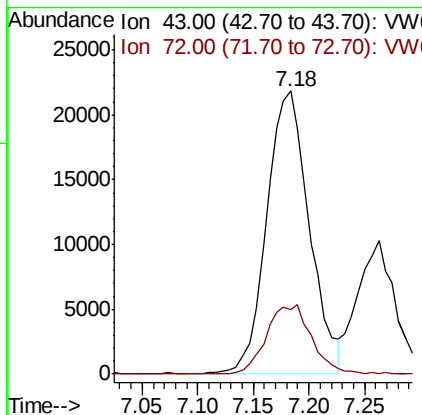
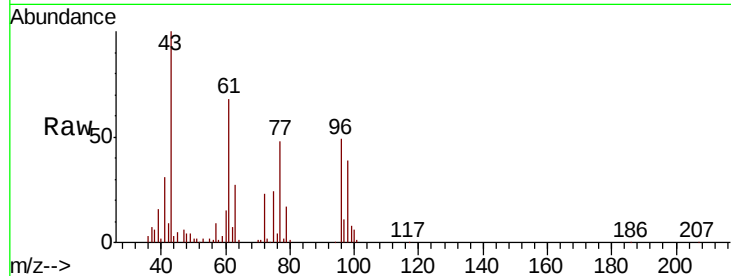
72 22.9 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.329 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005869.D

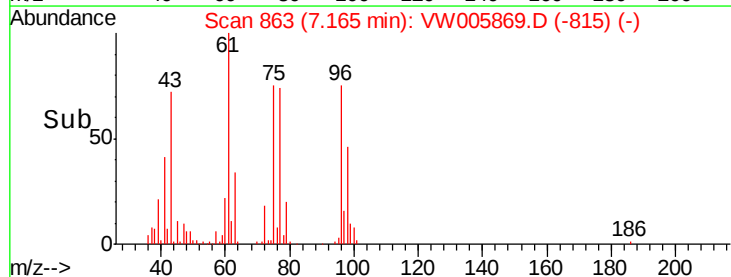
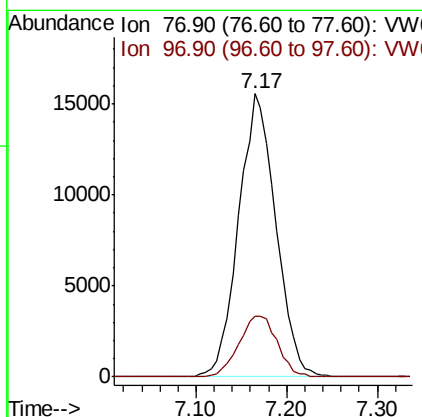
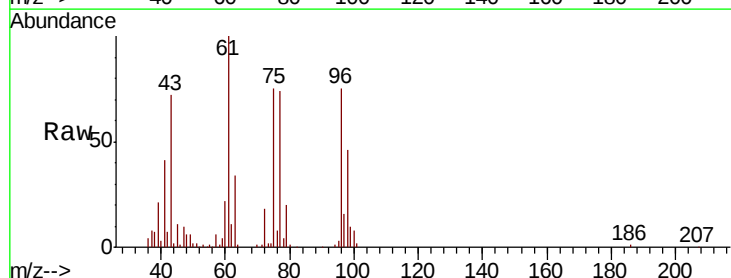
Acq: 05 Oct 2018 00:30

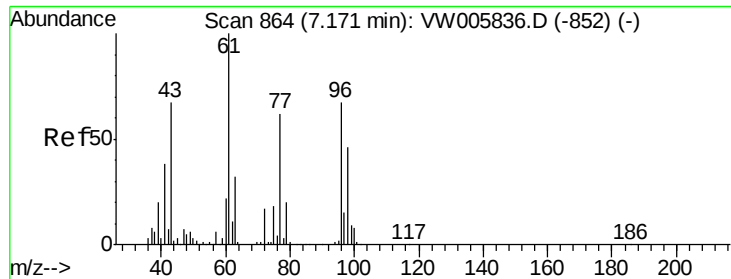
Tgt Ion: 77 Resp: 44150

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.219 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

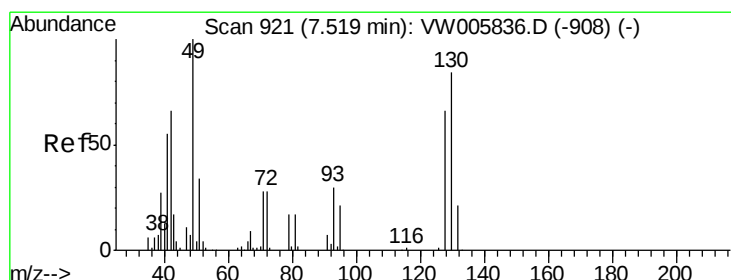
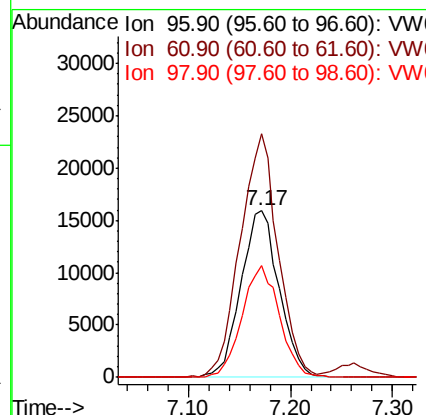
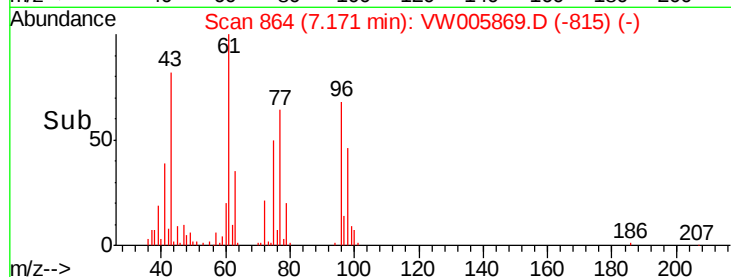
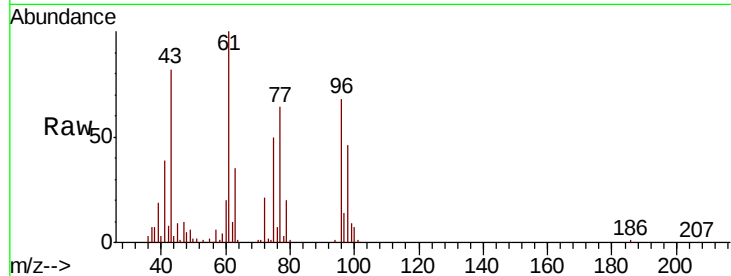
ClientSampleId :

VW1006SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	296.4
98	65.3	0.0	131.4

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#28

Bromochloromethane

Concen: 19.344 ug/l

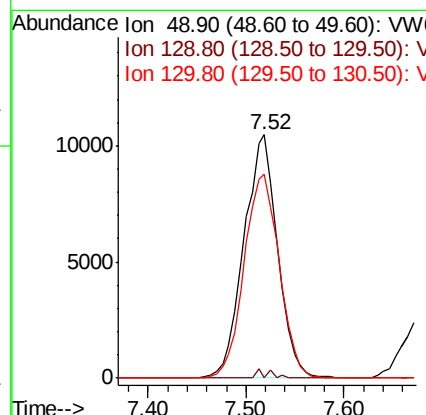
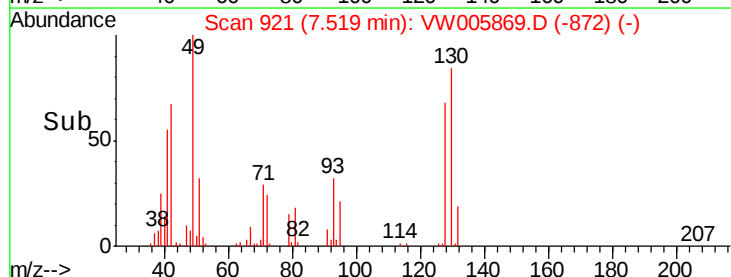
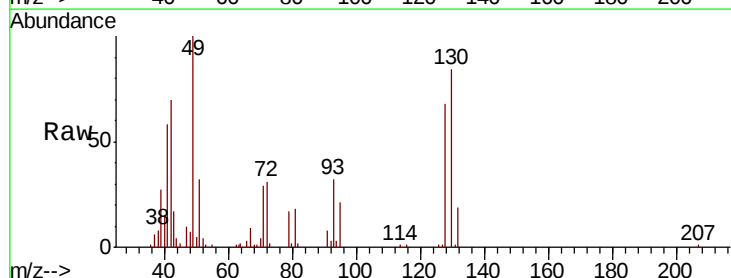
RT: 7.52 min Scan# 921

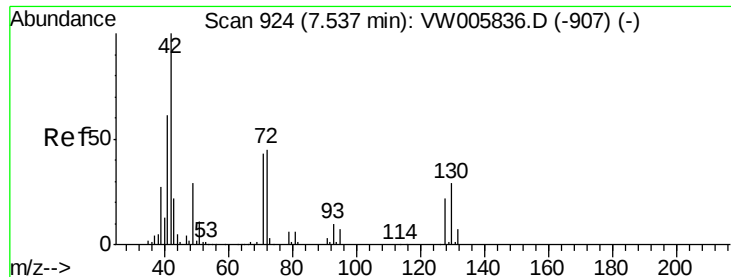
Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	87.2	66.4	99.6





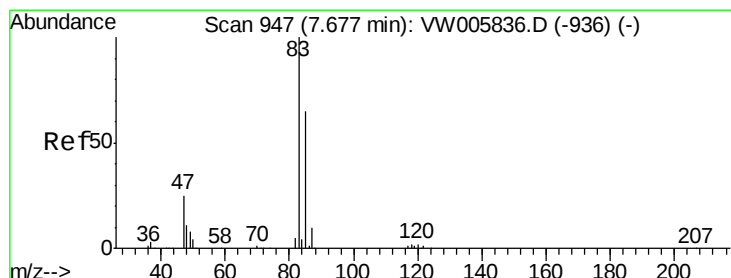
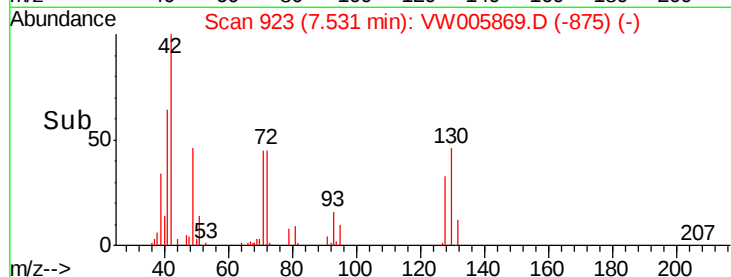
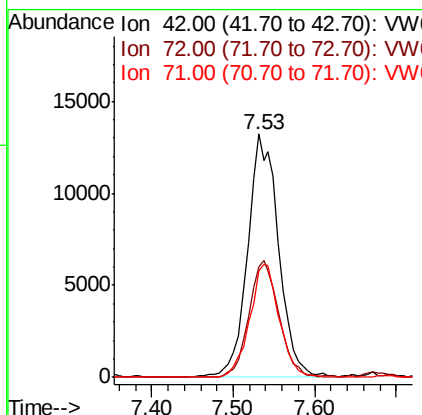
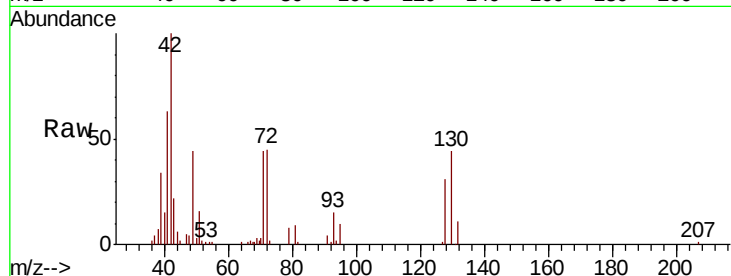
#29
Tetrahydrofuran
Concen: 105.650 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	34.6	51.8
71	44.2	33.6	50.4

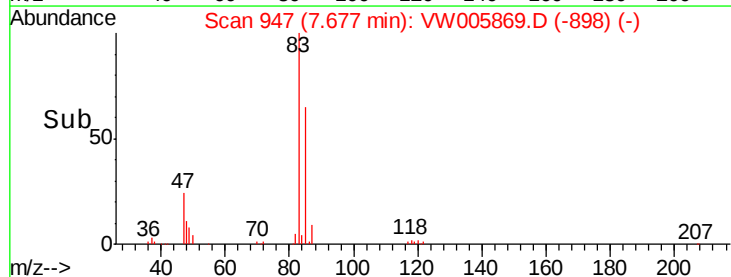
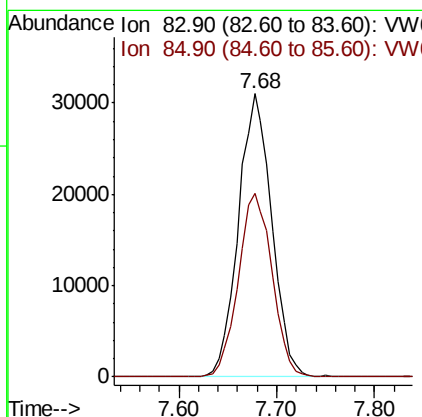
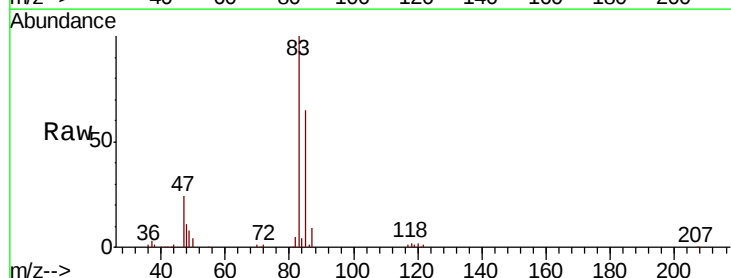
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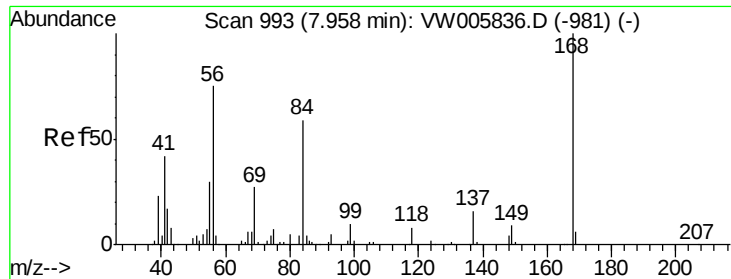
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#30
Chloroform
Concen: 18.703 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





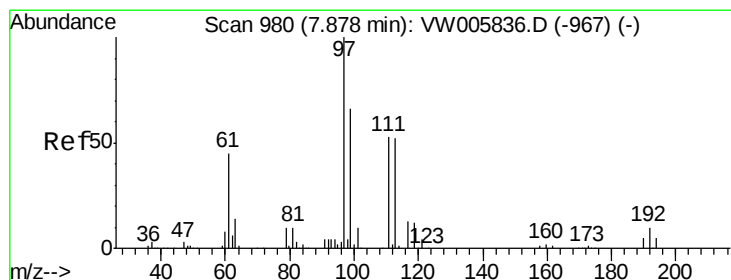
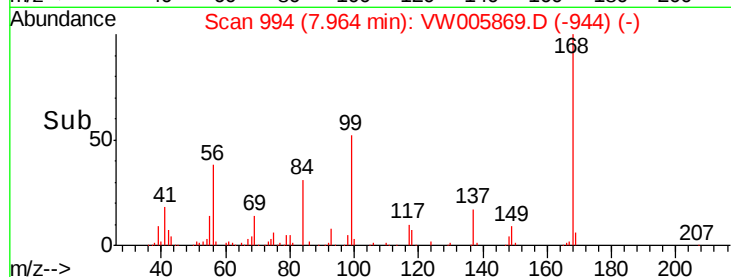
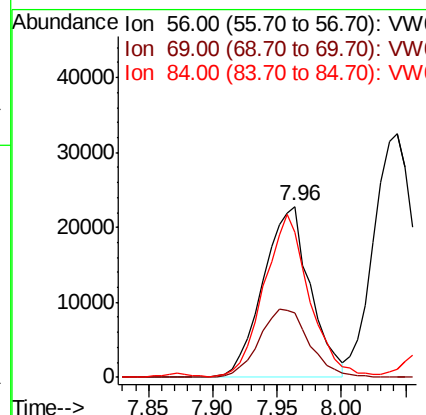
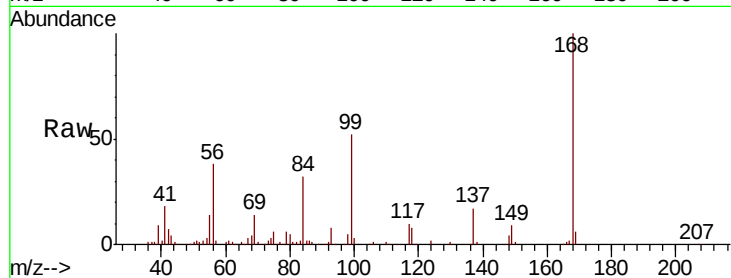
#31
Cyclohexane
Concen: 18.543 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampled :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	29.0	43.4
84	83.8	63.5	95.3

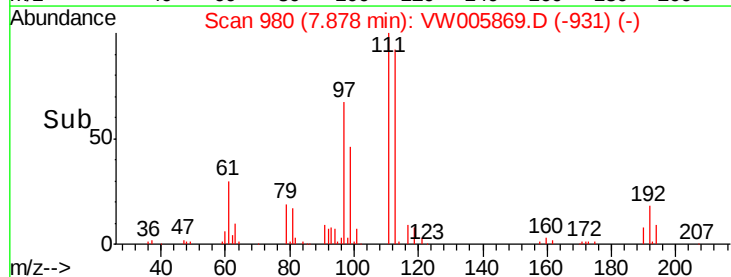
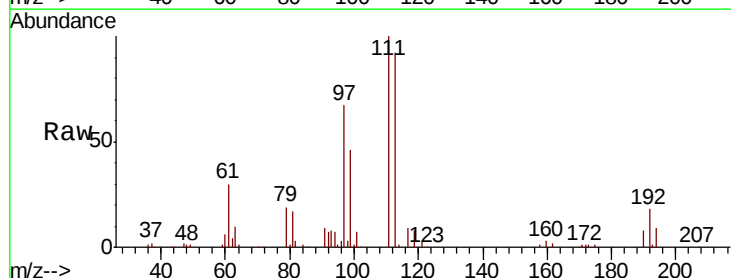
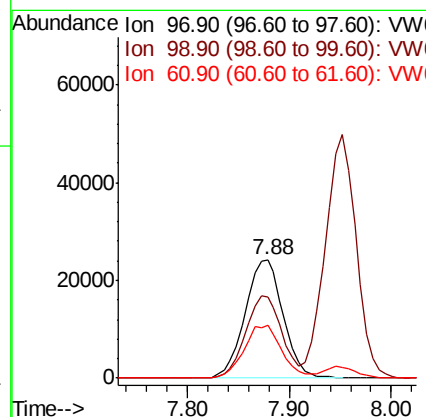
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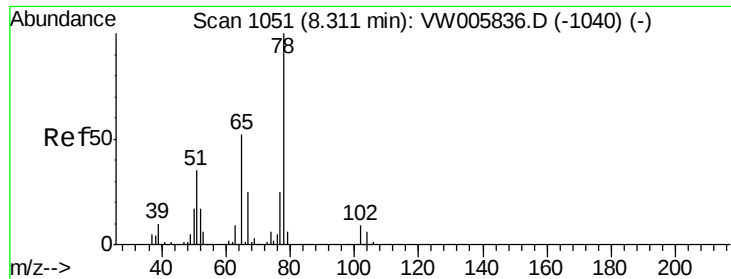
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#32
1,1,1-Trichloroethane
Concen: 18.745 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.2	76.8
61	44.3	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 48.684 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 65 Resp: 111314

Ion Ratio Lower Upper

65 100

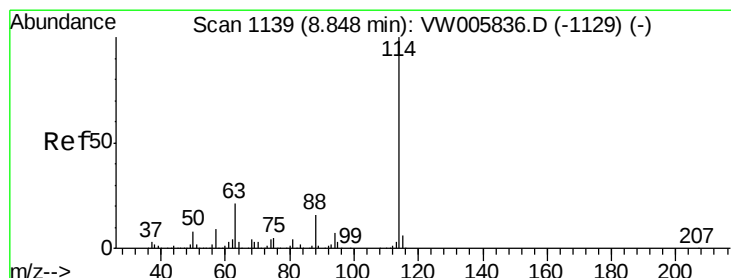
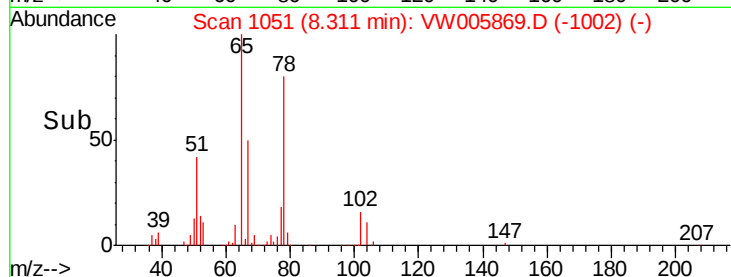
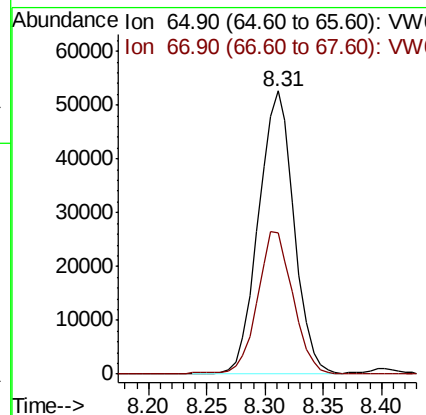
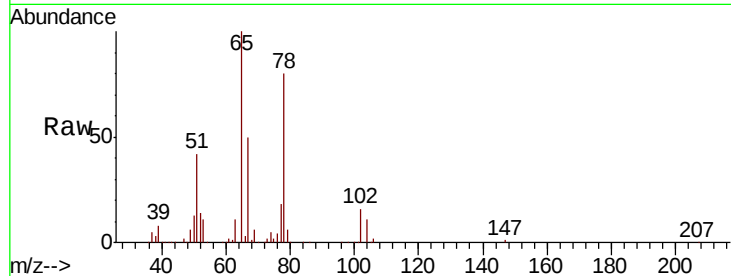
67 50.9 0.0 98.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

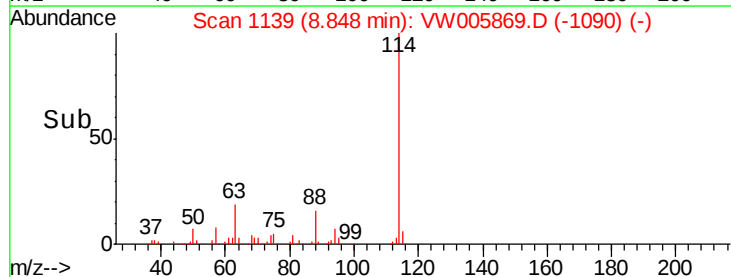
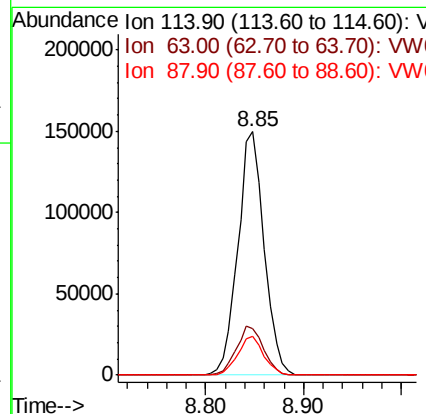
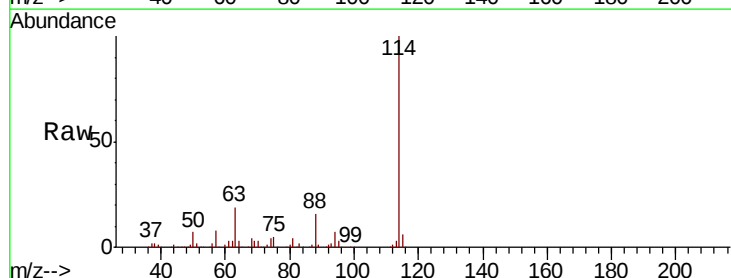
Tgt Ion: 114 Resp: 278216

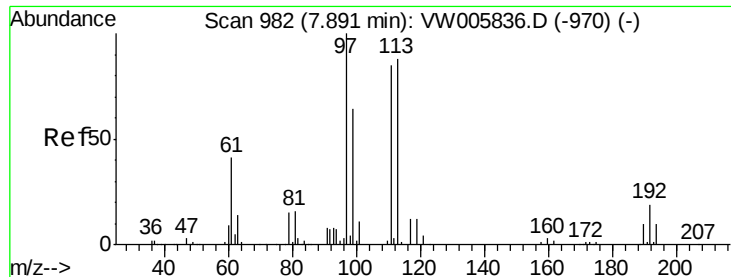
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.0

88 15.7 0.0 31.2





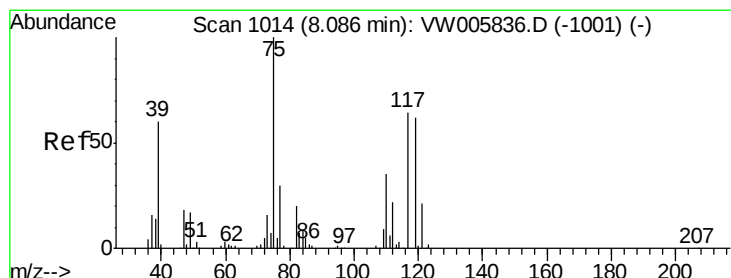
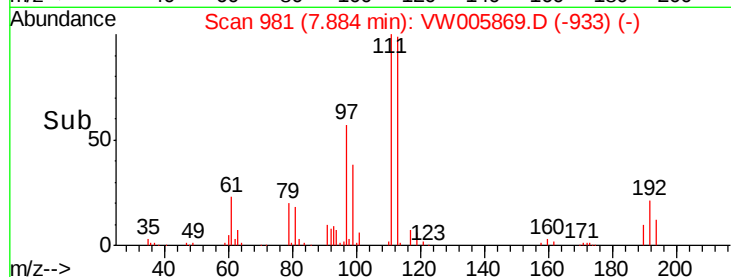
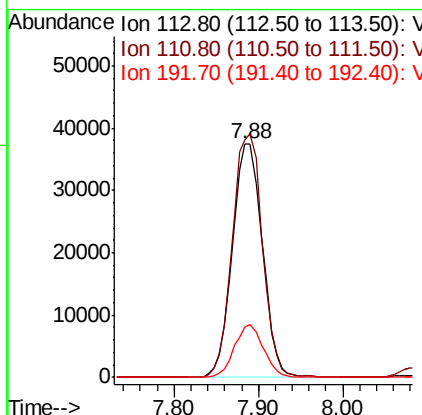
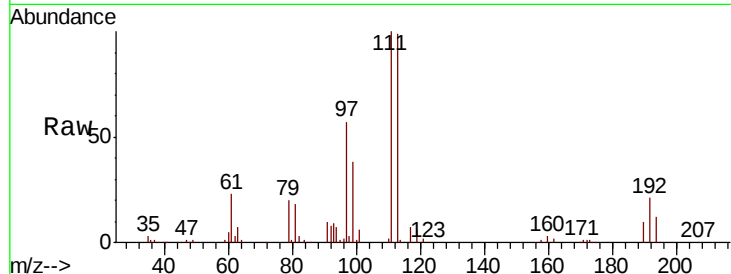
#35
 Dibromofluoromethane
 Concen: 49.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	21.6	17.3	25.9

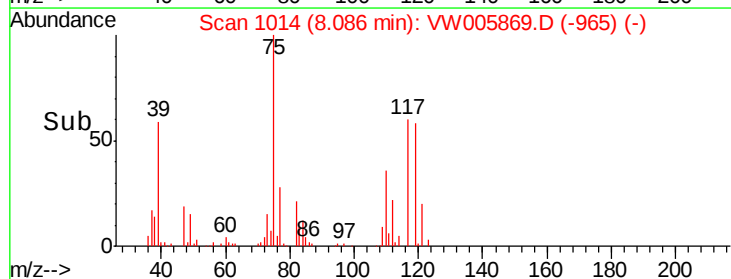
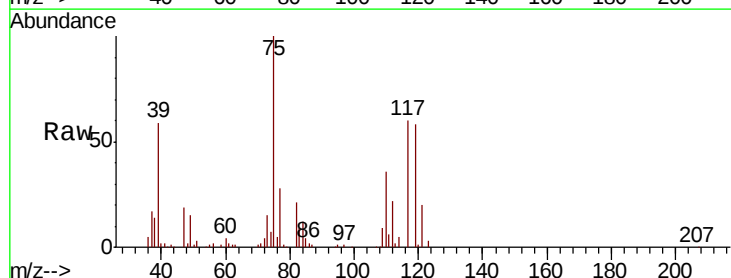
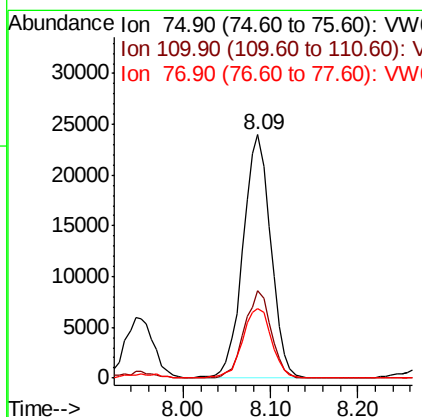
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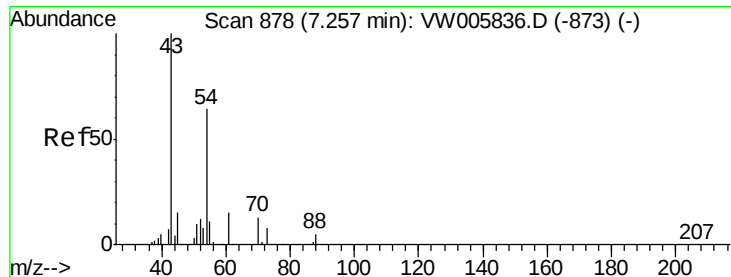
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#36
 1,1-Dichloropropene
 Concen: 19.098 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.5	52.6
77	30.1	24.8	37.2





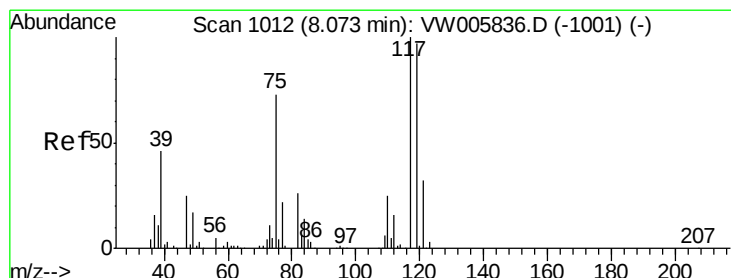
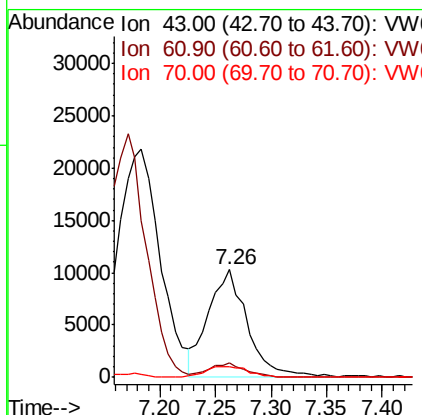
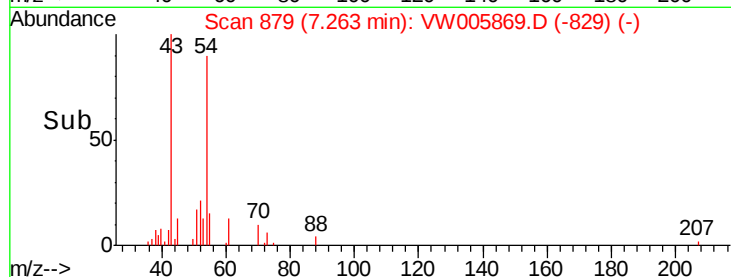
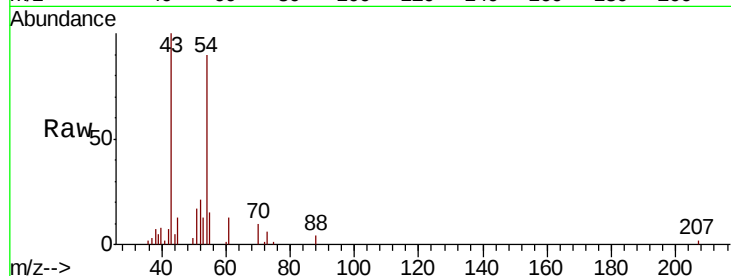
#37
Ethyl Acetate
Concen: 21.677 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.2	16.8
70	11.1	8.6	13.0

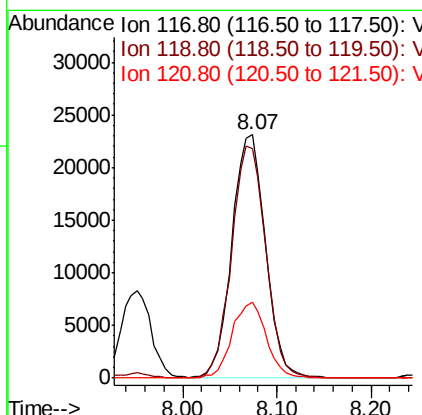
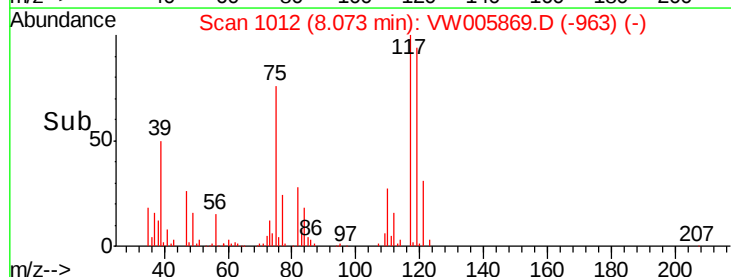
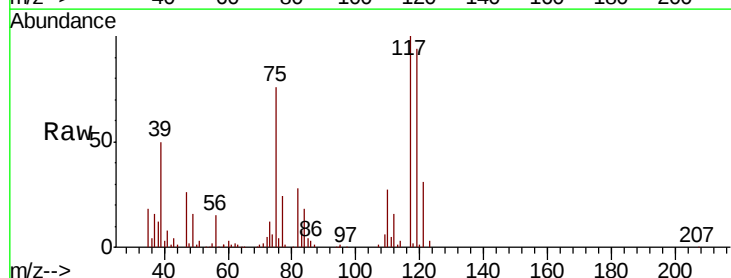
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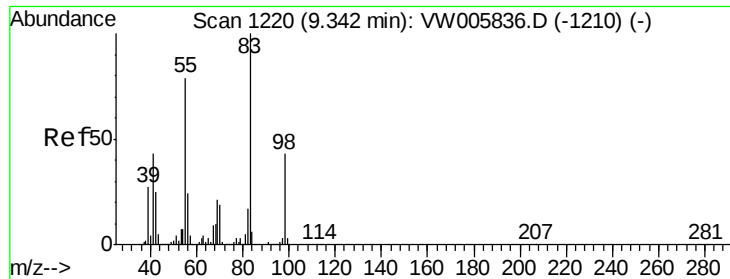
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#38
Carbon Tetrachloride
Concen: 18.713 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
121	31.0	25.2	37.8





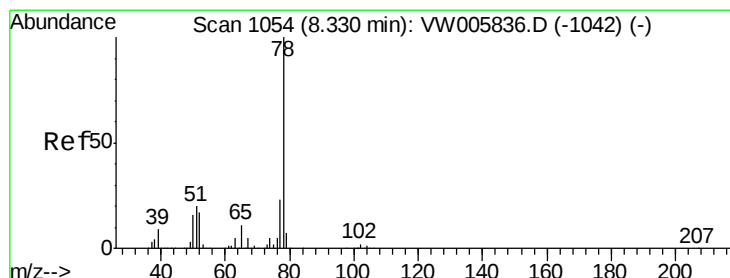
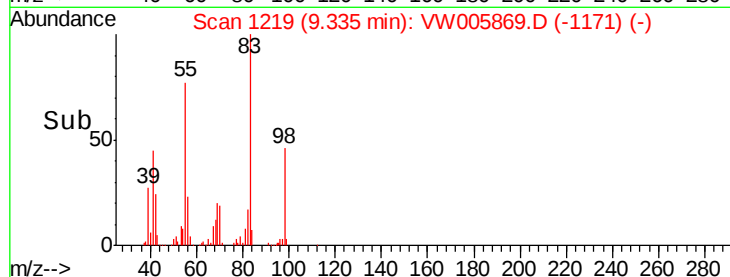
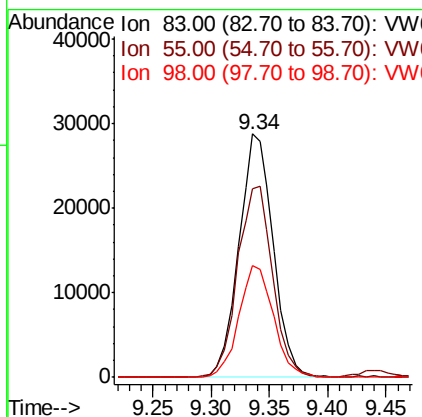
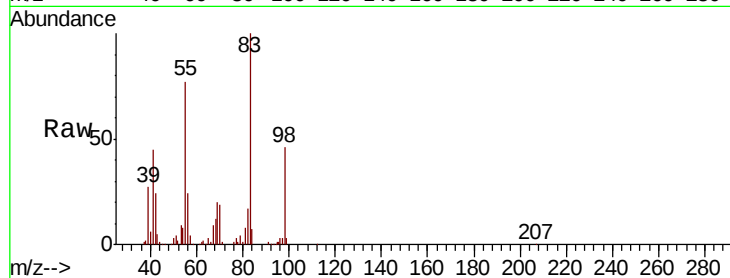
#39
Methvlcvclohexane
Concen: 18.903 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.0	94.4
98	45.7	34.5	51.7

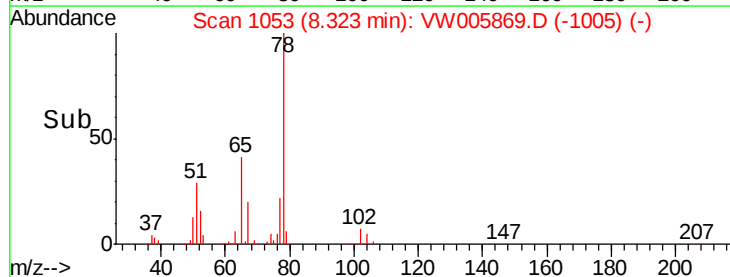
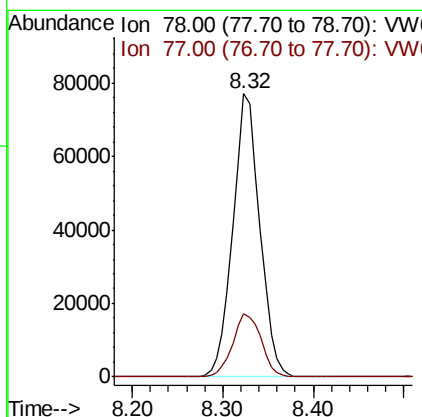
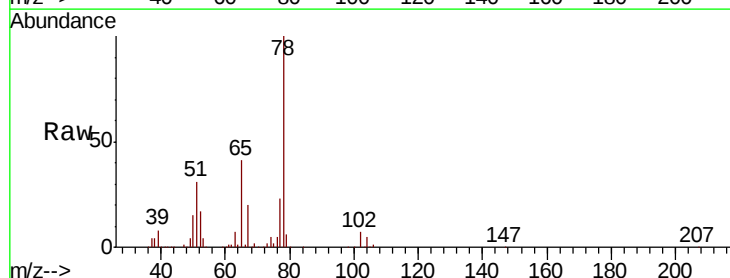
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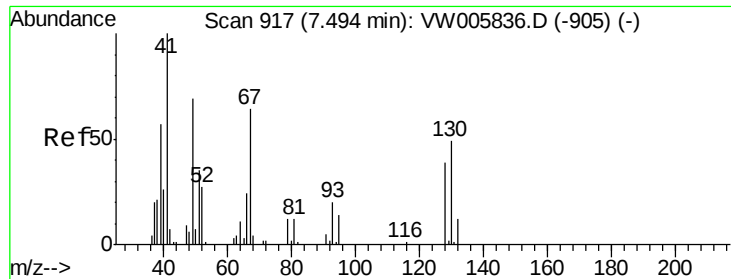
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#40
Benzene
Concen: 19.811 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	28.0





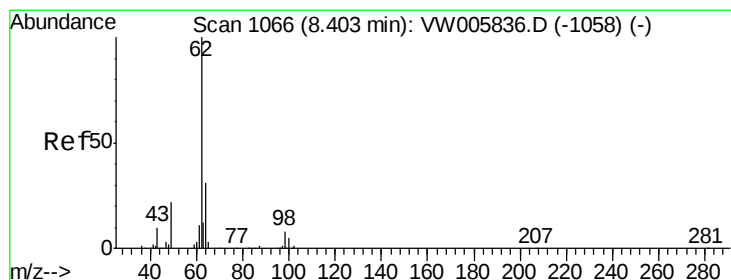
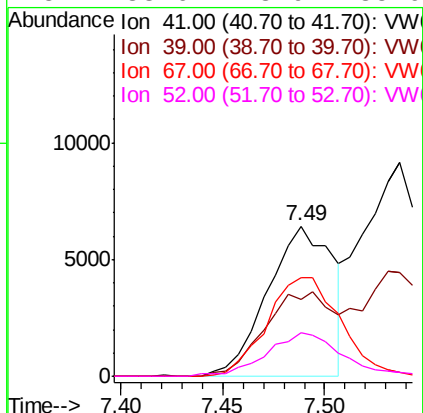
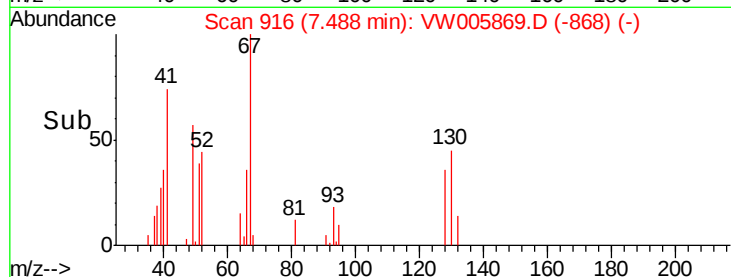
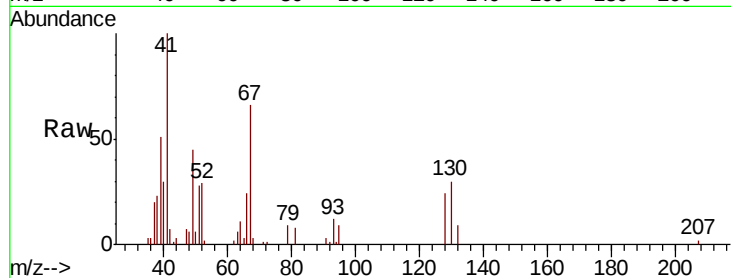
#41
Methacrylonitrile
Concen: 20.863 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	41	Resp	14349
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.6	68.4
67	74.1	53.6	80.4
52	33.6	23.9	35.9

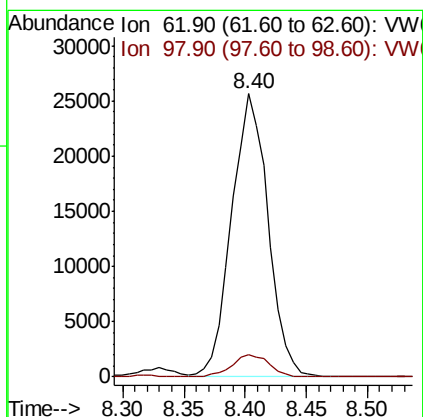
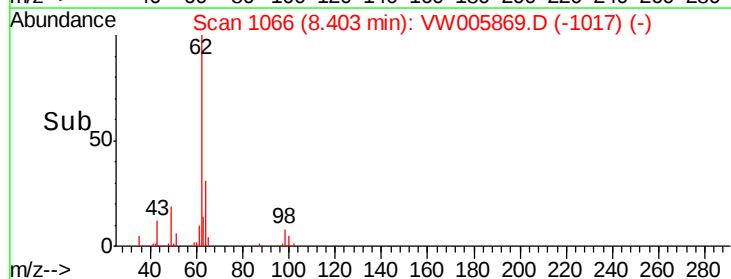
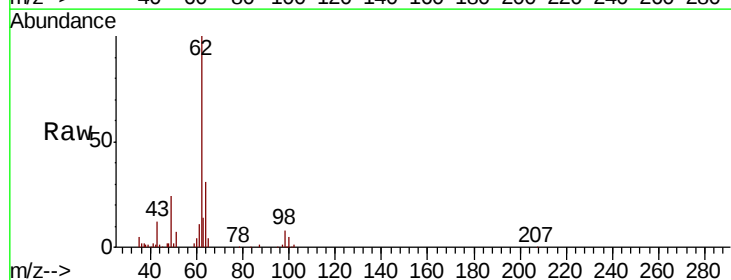
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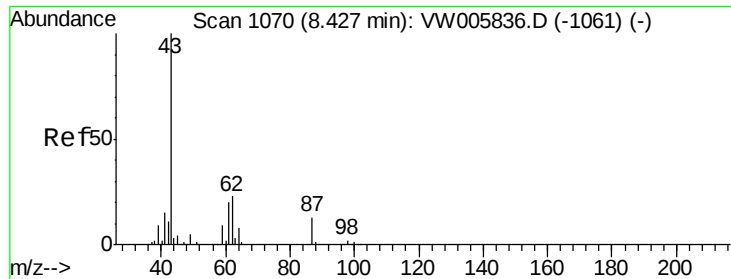
apatel
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#42
1,2-Dichloroethane
Concen: 19.672 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	62	Resp	53030
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





#43

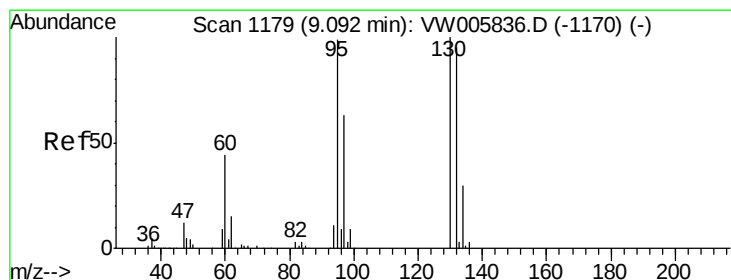
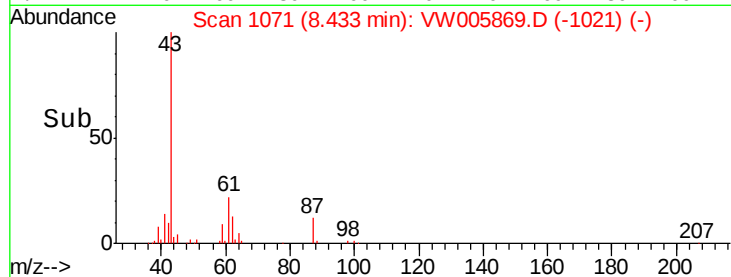
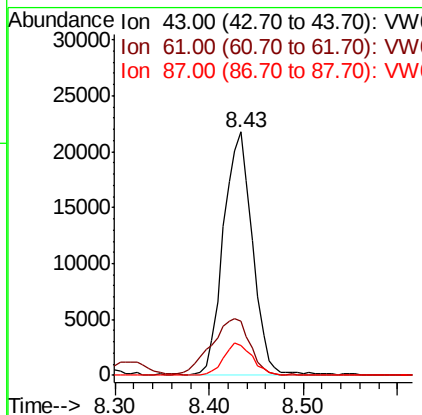
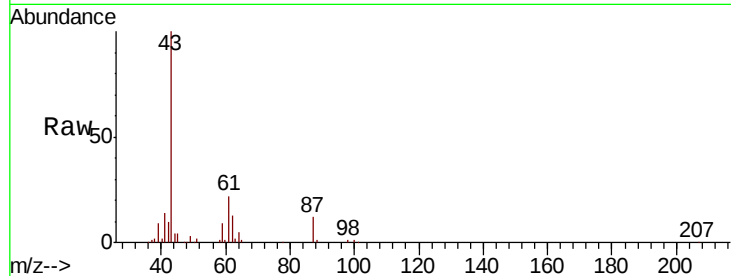
Isopropyl Acetate
 Concen: 20.532 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.1	36.1
87	12.9	10.6	16.0

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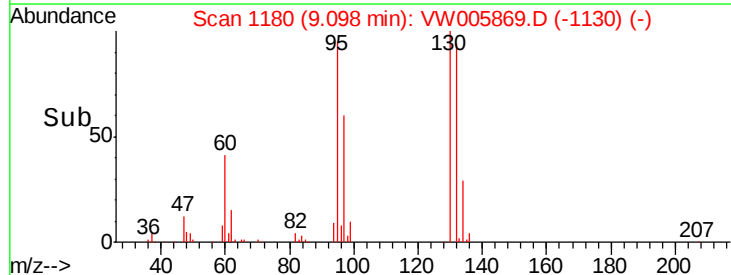
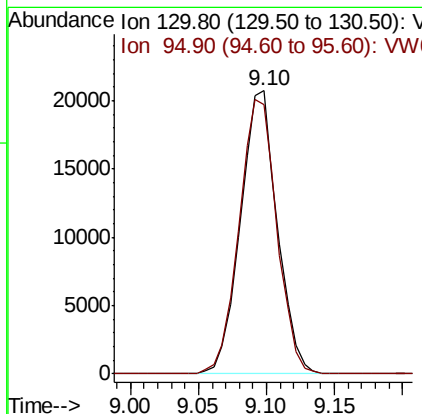
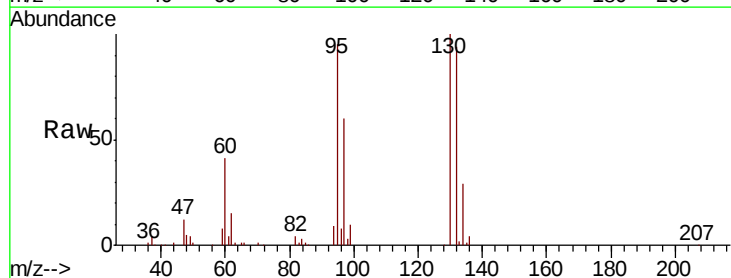
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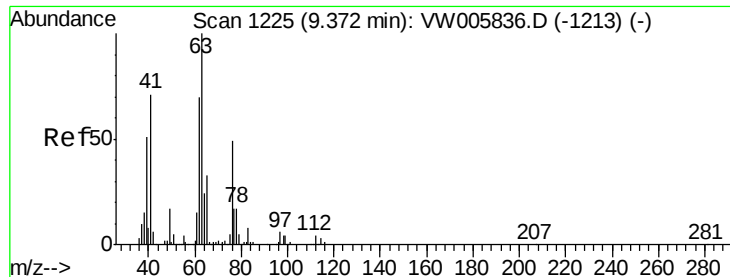


#44

Trichloroethene
 Concen: 18.505 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	197.6





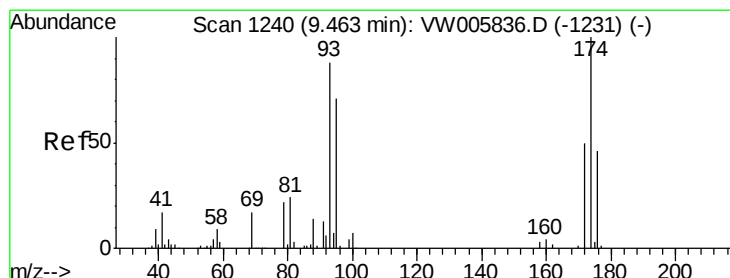
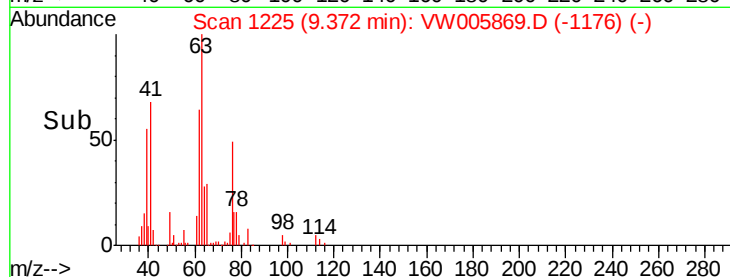
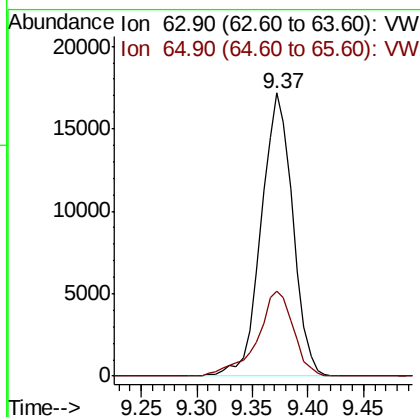
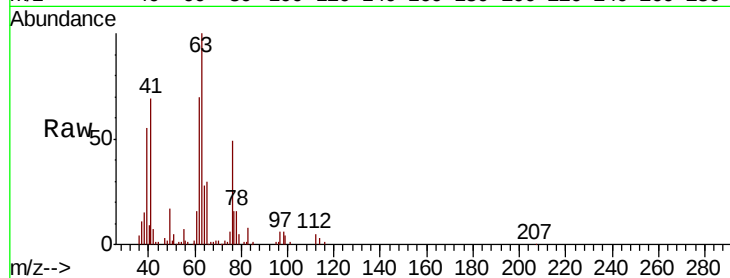
#45
 1,2-Dichloropropane
 Concen: 17.882 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	26.1	39.1

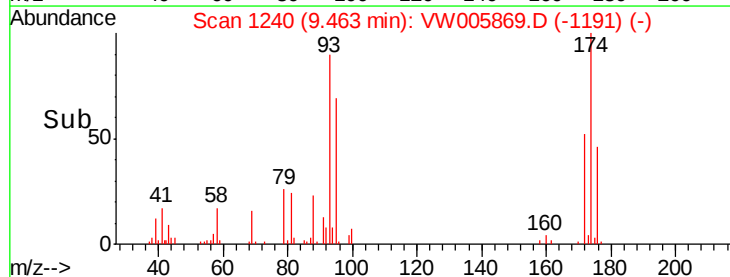
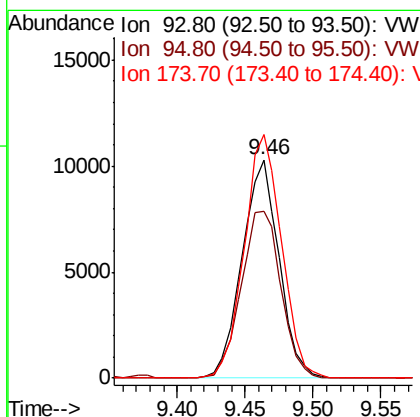
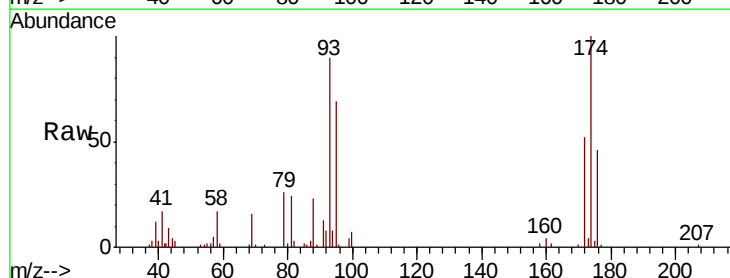
Manual Integrations
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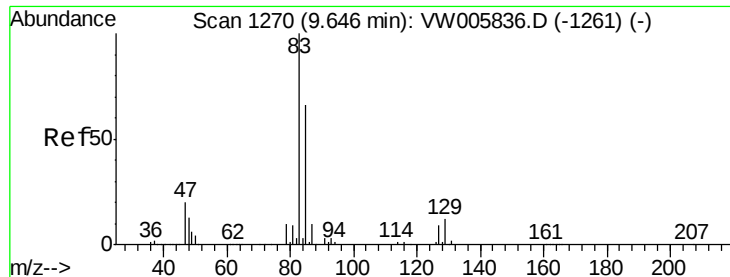
apatel
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#46
 Dibromomethane
 Concen: 18.821 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.9	98.9
174	112.8	88.4	132.6





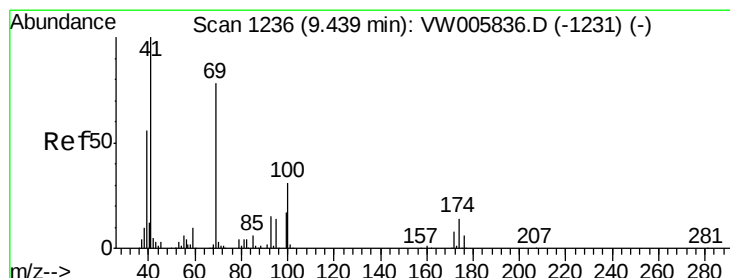
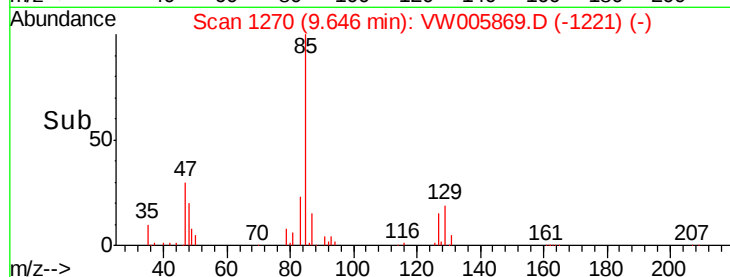
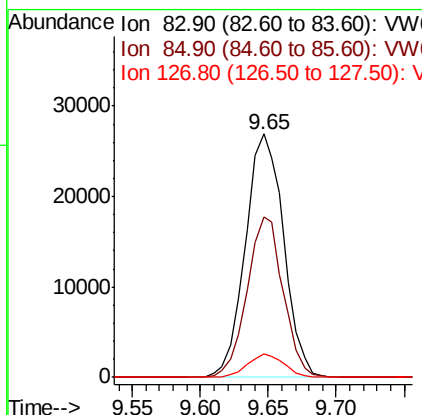
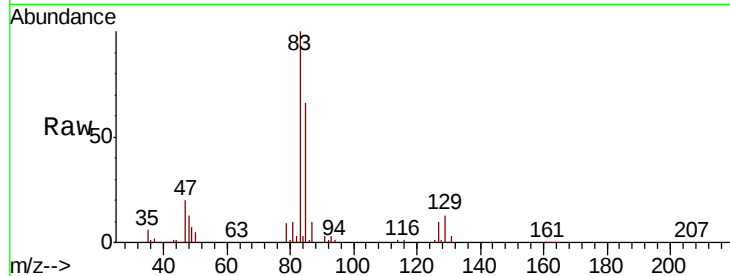
#47
Bromodichloromethane
Concen: 19.279 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.6	78.8
127	9.7	7.4	11.0

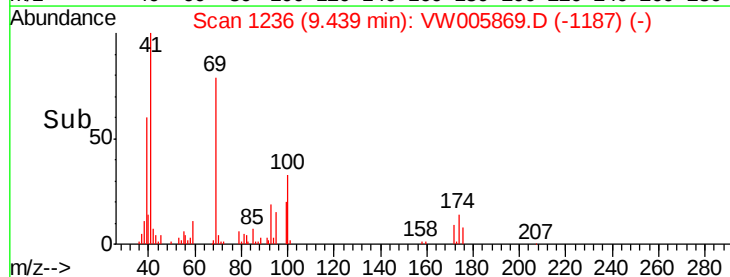
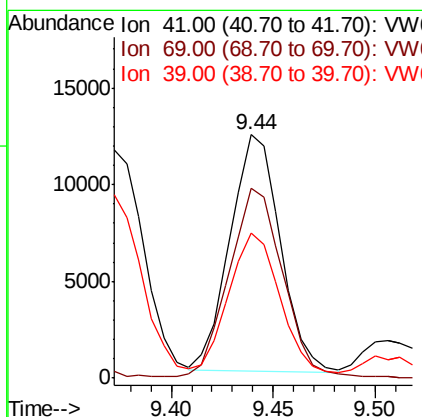
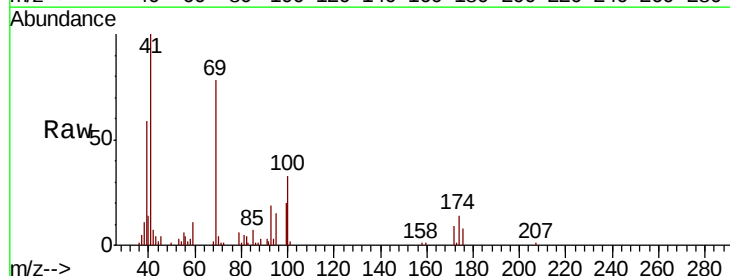
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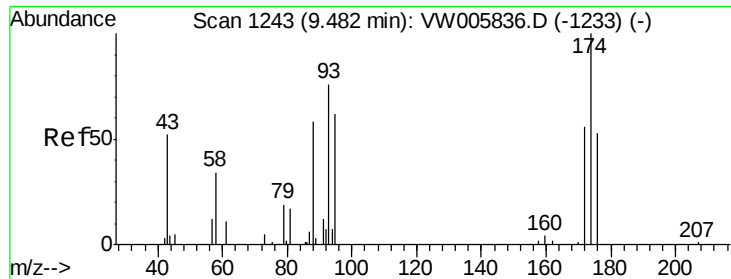
apatel
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#48
Methyl methacrylate
Concen: 19.005 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.9	66.4	99.6
39	64.8	50.1	75.1





#49

1,4-Dioxane

Concen: 393.452 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion: 88 Resp: 6381

Ion Ratio Lower Upper

88 100

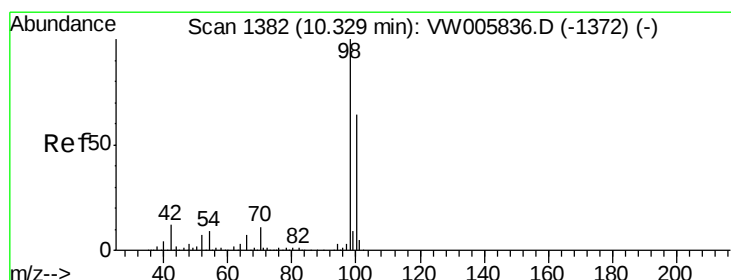
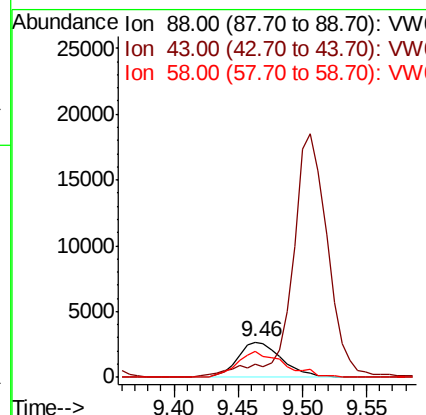
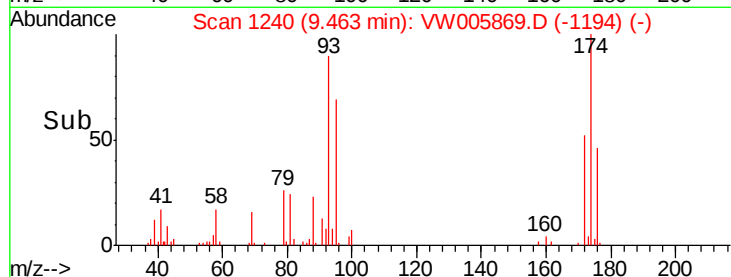
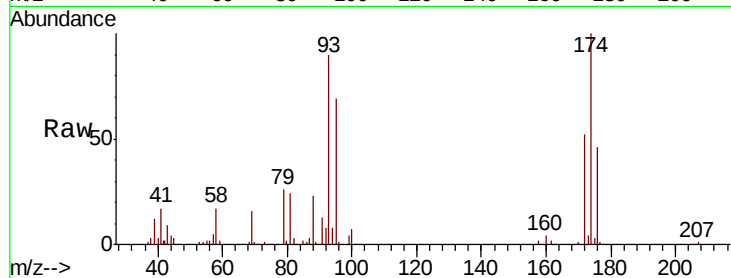
43 0.0 0.0 0.0

58 78.7 58.1 87.1

Manual Integrations
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#50

Toluene-d8

Concen: 53.250 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005869.D

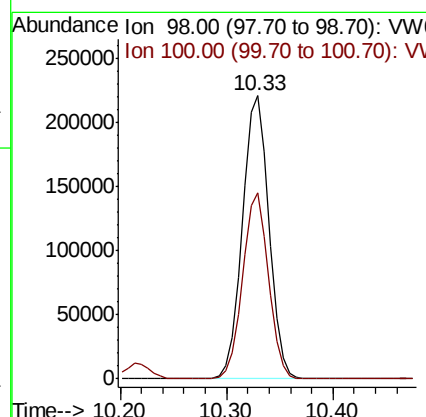
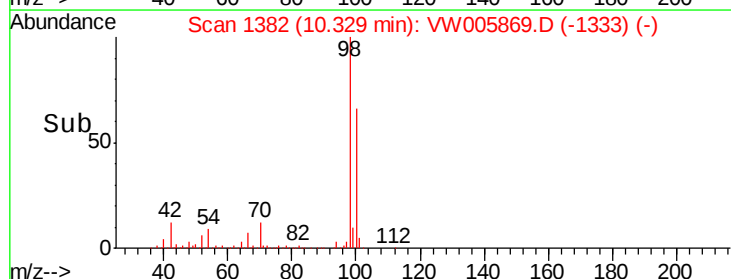
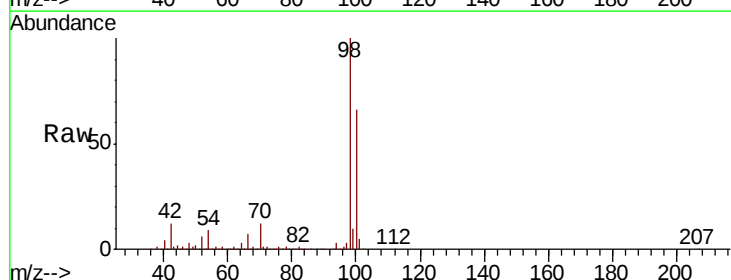
Acq: 05 Oct 2018 00:30

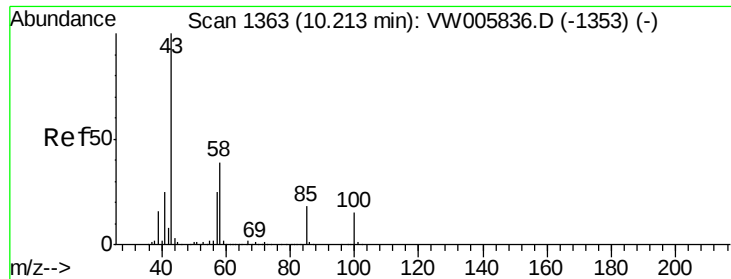
Tgt Ion: 98 Resp: 385571

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5





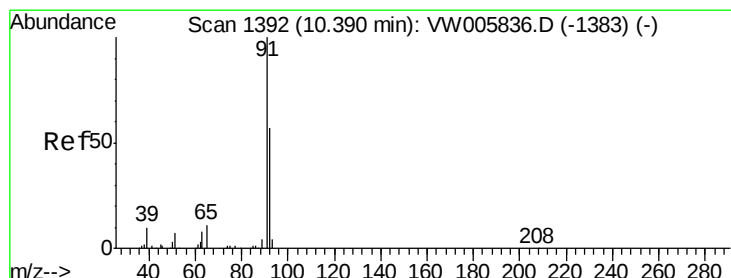
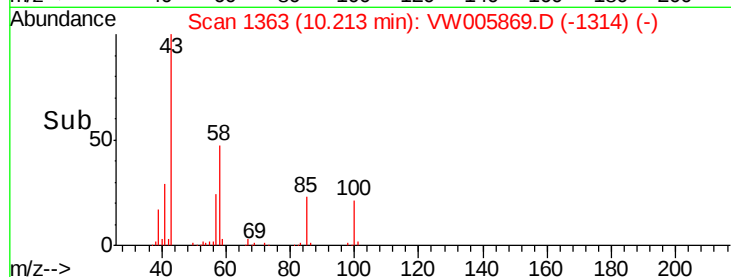
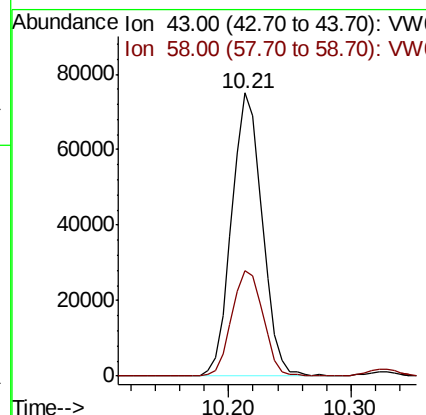
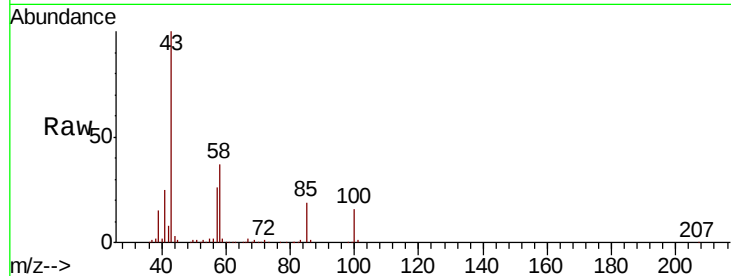
#51
4-Methyl-2-Pentanone
Concen: 109.311 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.6	45.8

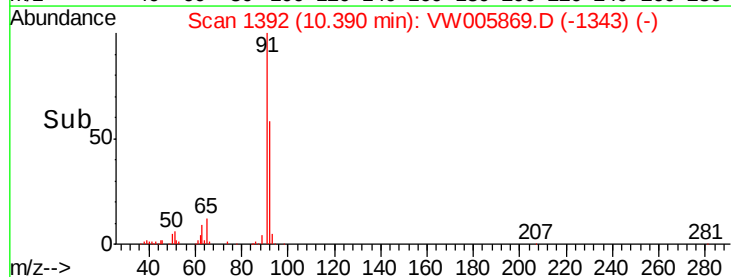
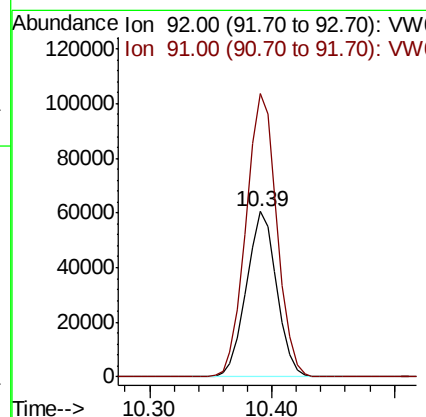
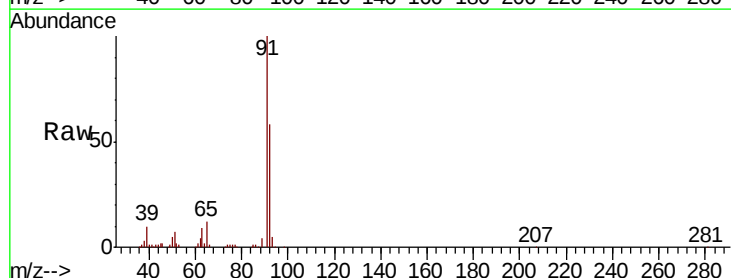
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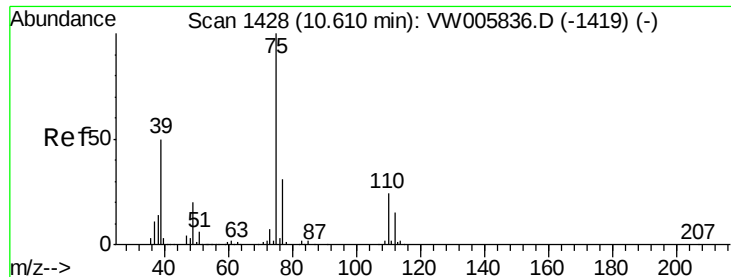
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#52
Toluene
Concen: 20.390 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	139.0	208.4





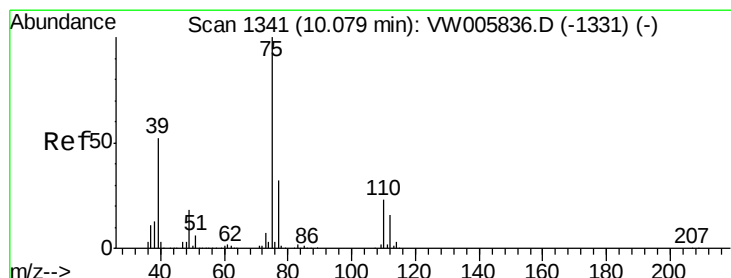
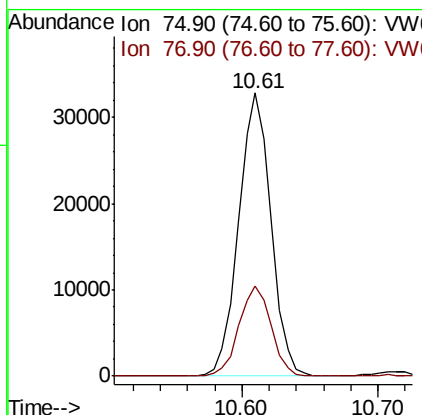
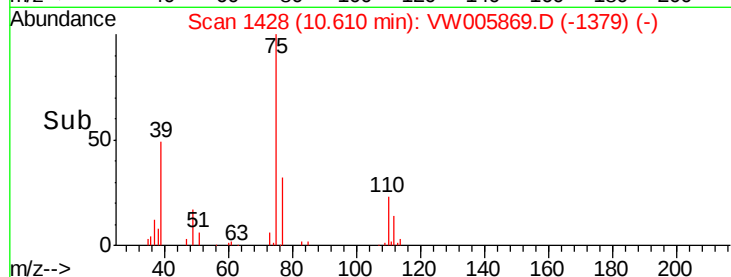
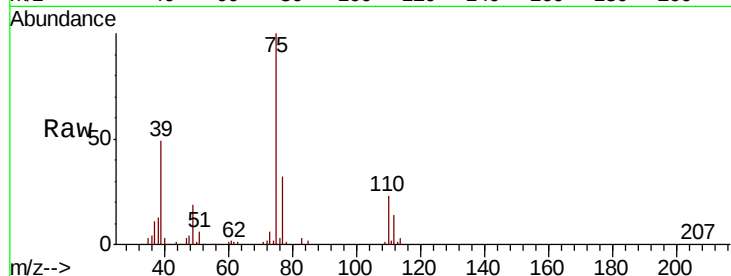
#53
t-1,3-Dichloropropene
Concen: 20.230 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion: 75 Resp: 54264
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

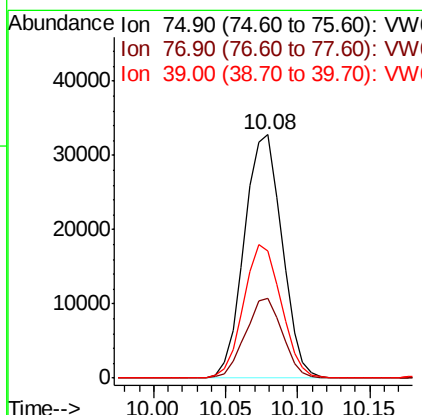
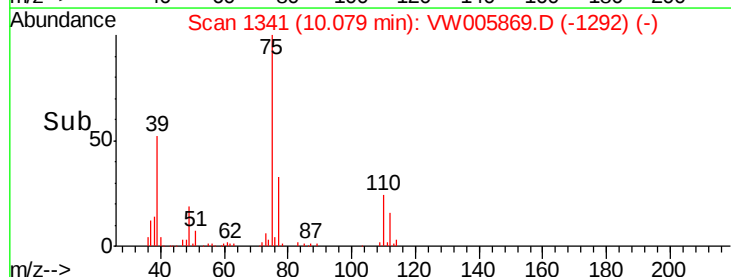
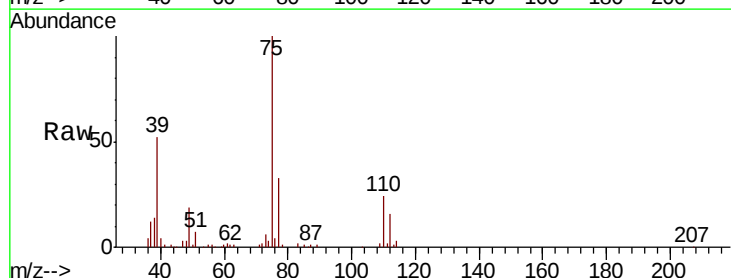
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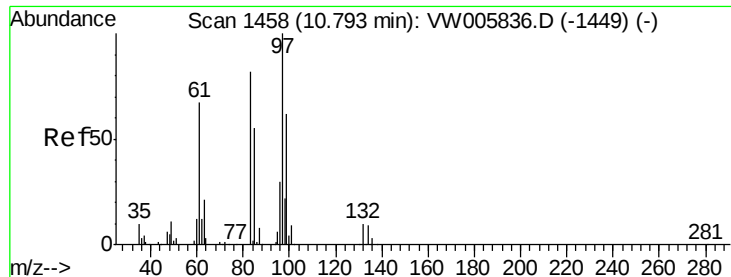
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#54
cis-1,3-Dichloropropene
Concen: 19.829 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 59549
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2
39 52.1 41.9 62.9





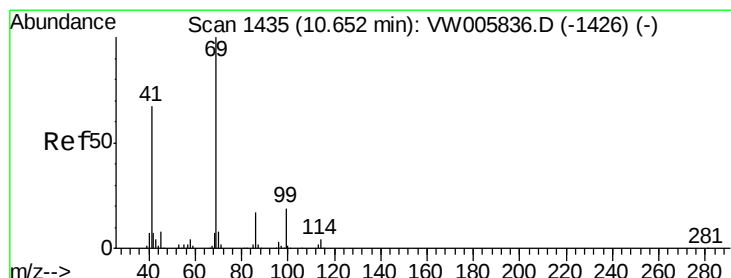
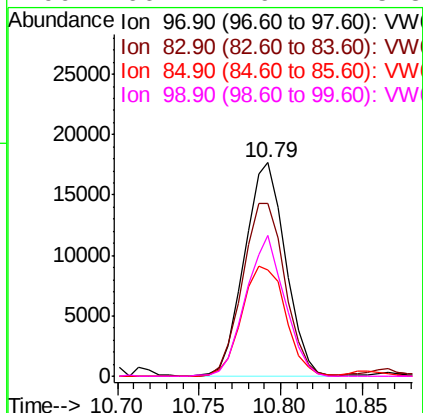
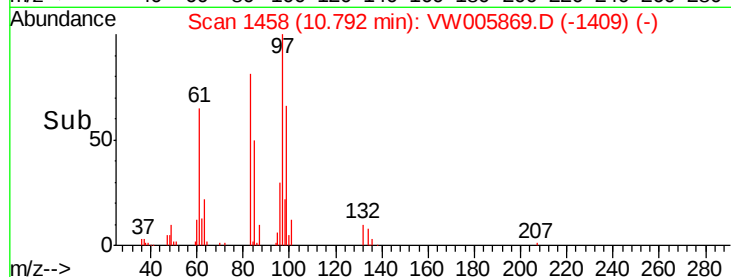
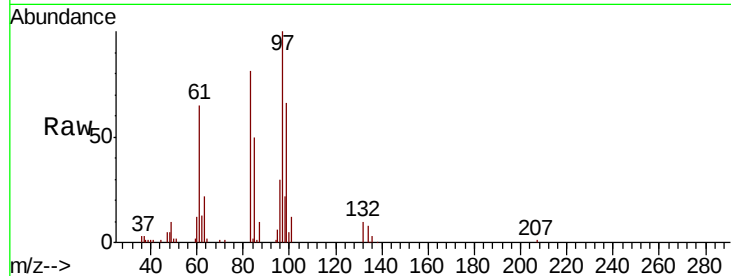
#55
 1,1,2-Trichloroethane
 Concen: 20.638 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion:	97	Resp:	30948
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.9	98.9
85	50.0	44.2	66.2
99	66.2	49.2	73.8

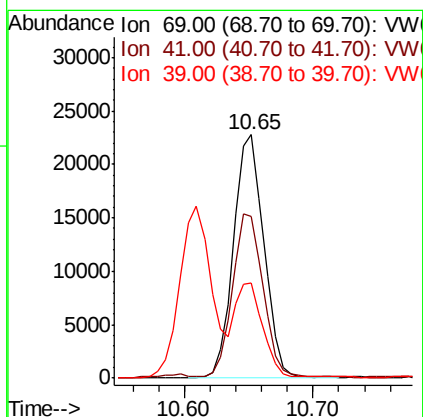
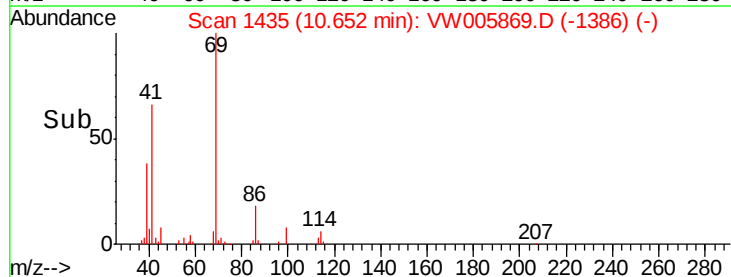
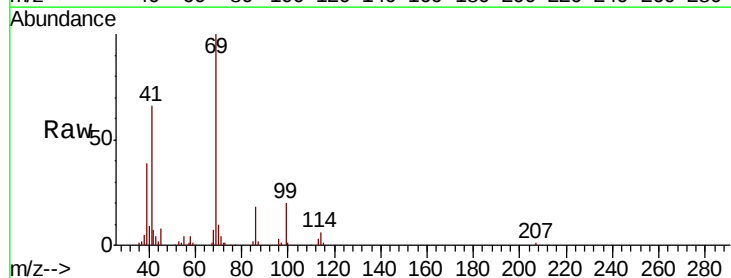
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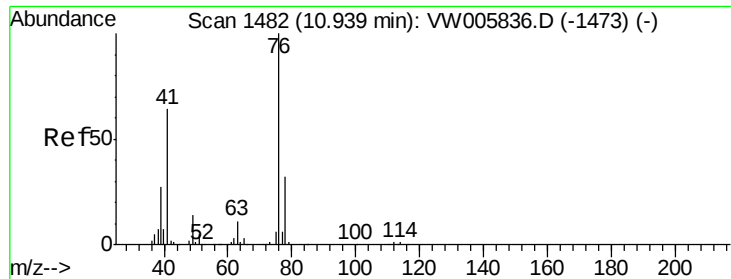
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#56
 Ethyl methacrylate
 Concen: 20.894 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:	69	Resp:	37524
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.8	83.6
39	34.5	29.3	43.9





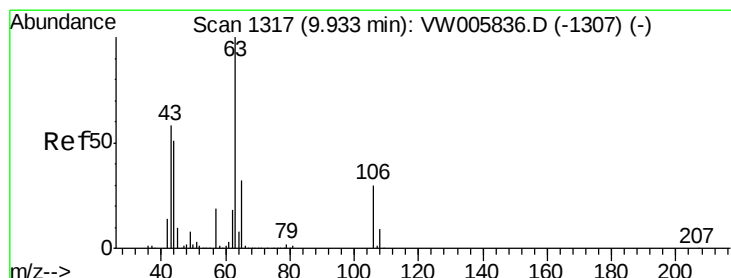
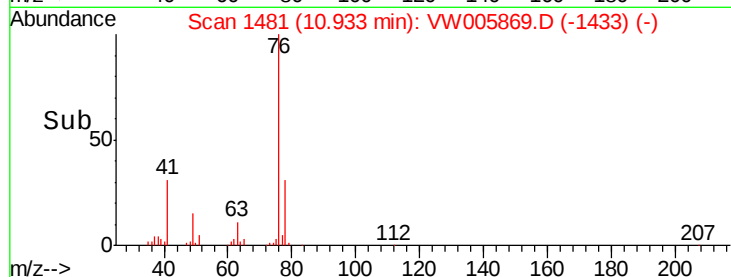
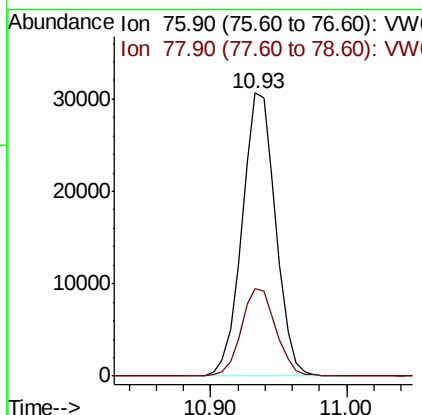
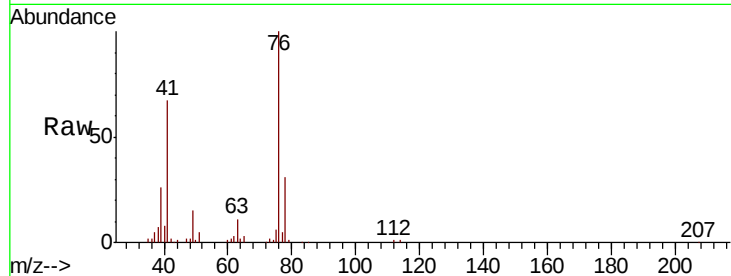
#57
 1,3-Dichloropropane
 Concen: 20.594 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion: 76 Resp: 52574
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0

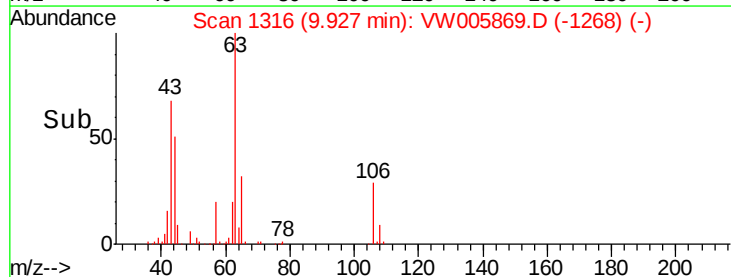
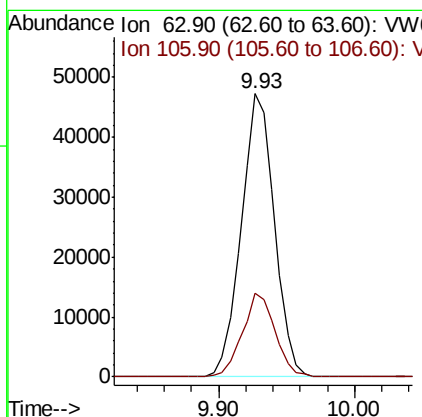
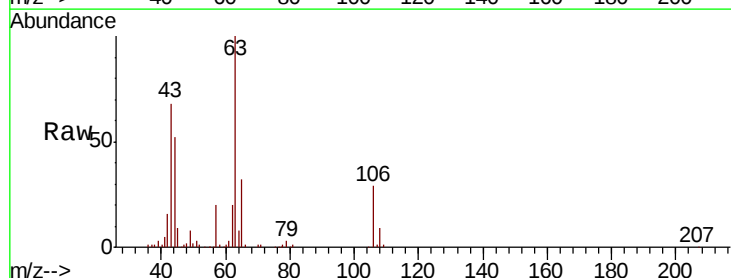
Manual Integrations
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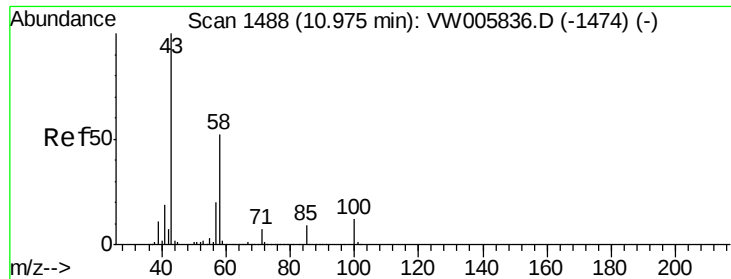
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.713 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 63 Resp: 80264
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.7 35.5





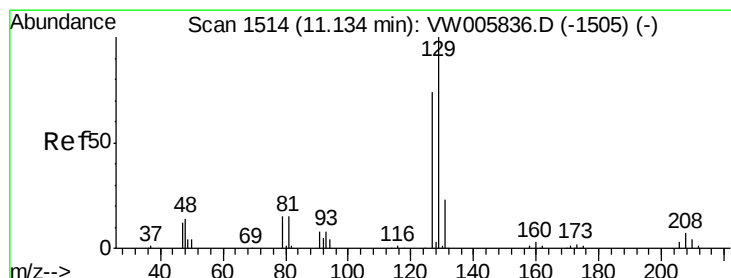
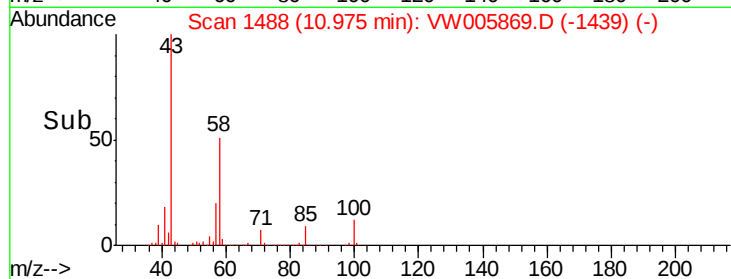
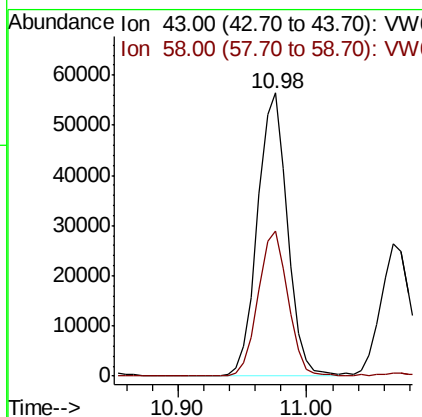
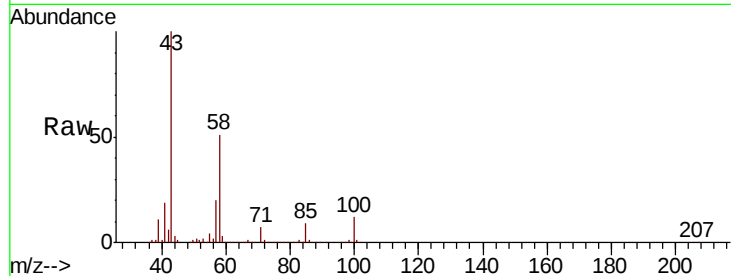
#59
2-Hexanone
Concen: 113.981 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion: 43 Resp: 90230
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7

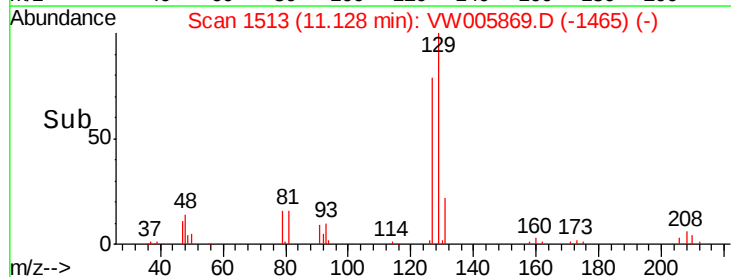
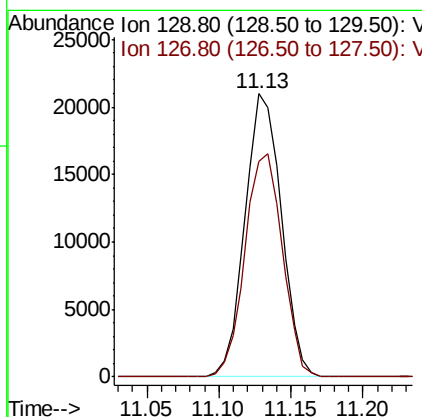
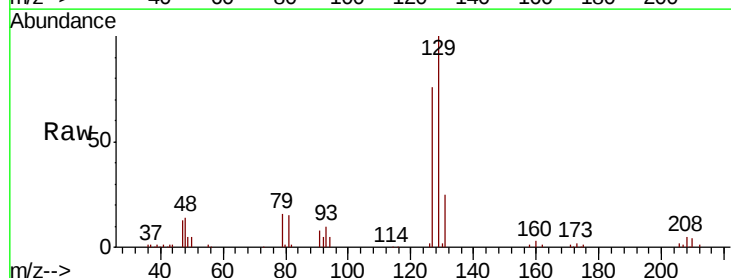
Manual Integrations
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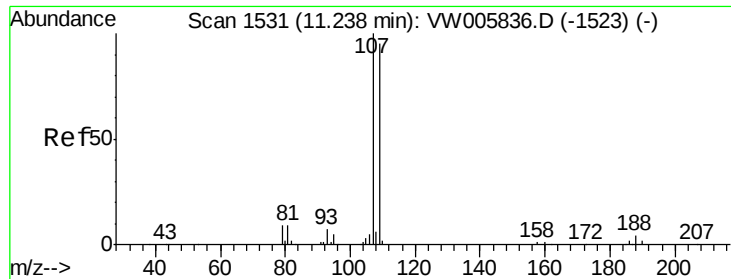
apatel
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#60
Dibromochloromethane
Concen: 19.636 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 129 Resp: 36758
Ion Ratio Lower Upper
129 100
127 81.0 37.2 111.6





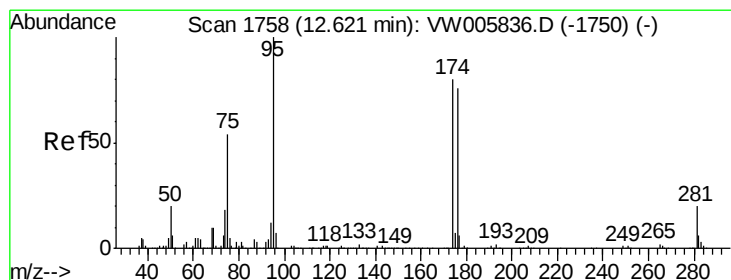
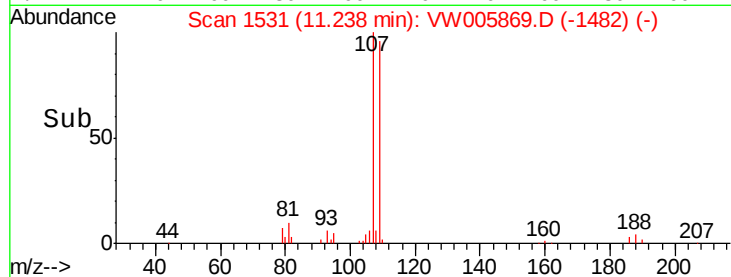
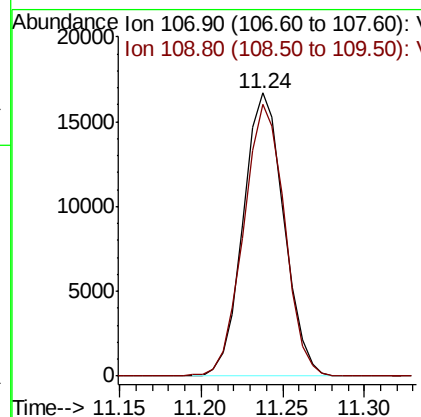
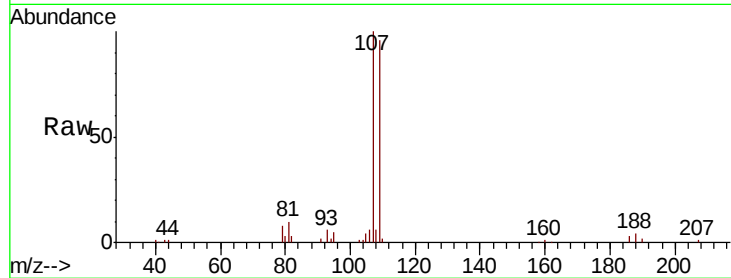
#61
 1,2-Dibromoethane
 Concen: 20.857 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	76.6	114.8

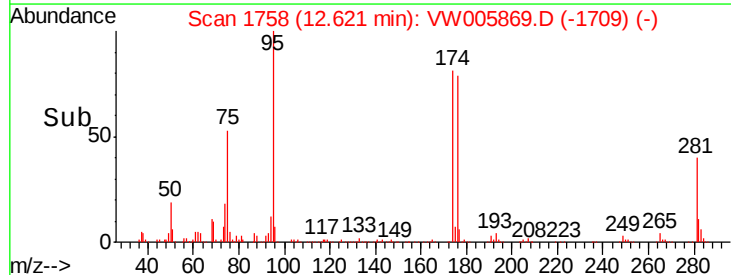
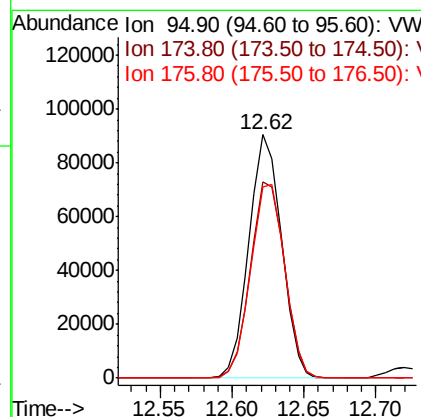
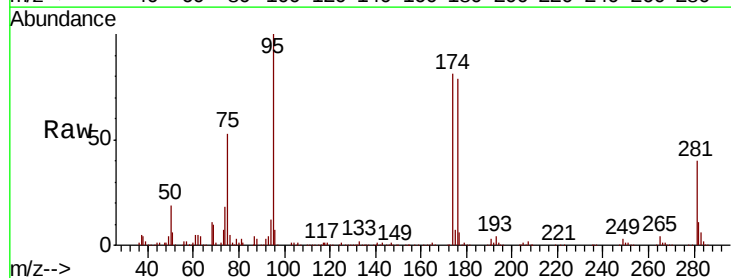
Manual Integrations
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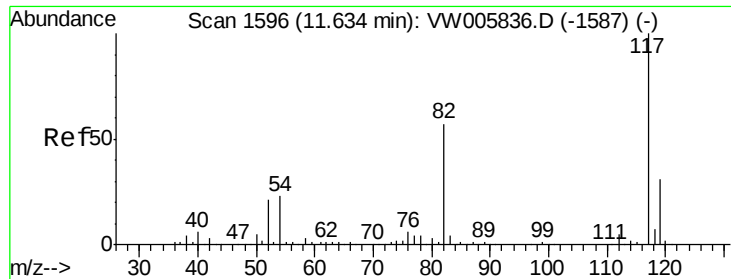
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.111 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	169.0
176	83.1	0.0	164.2





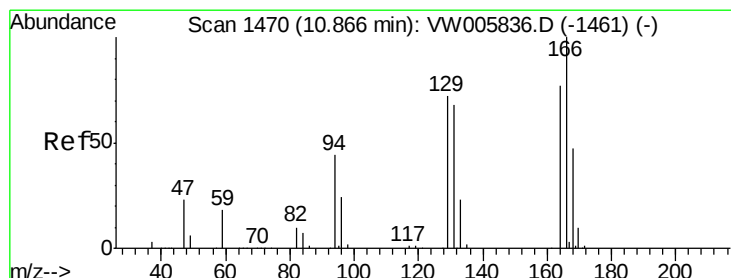
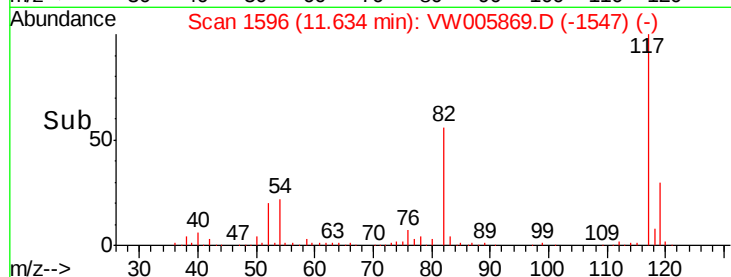
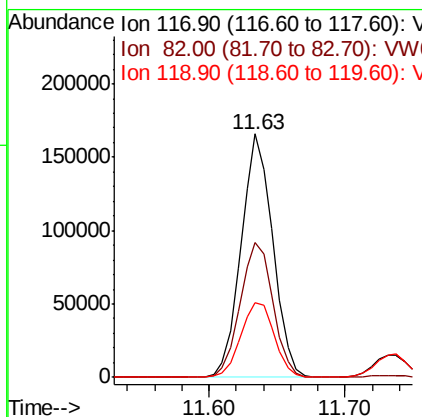
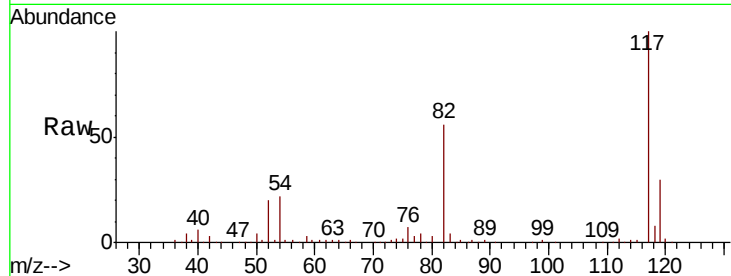
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.6	68.4
119	30.5	25.0	37.6

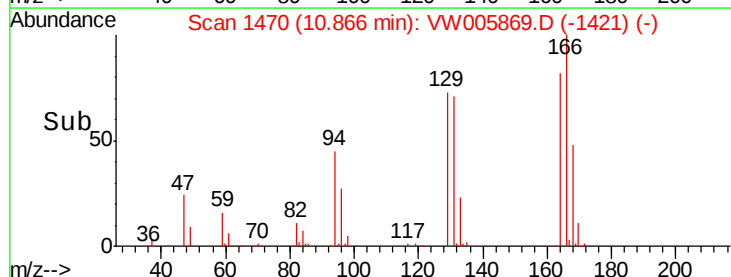
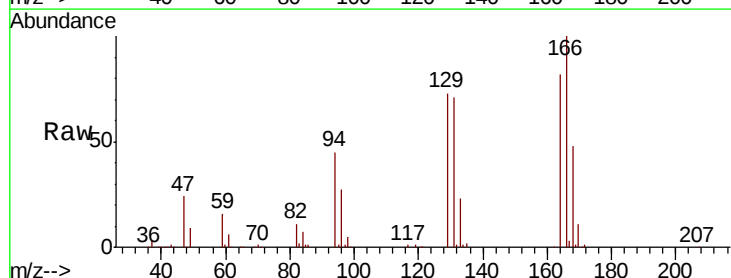
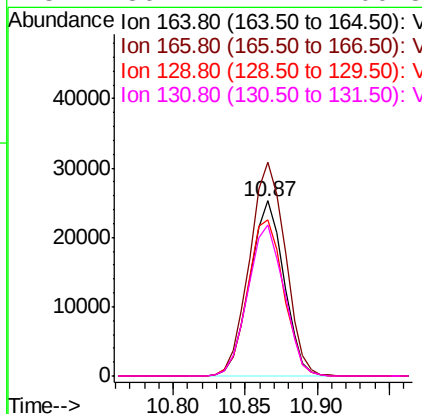
Manual Integrations
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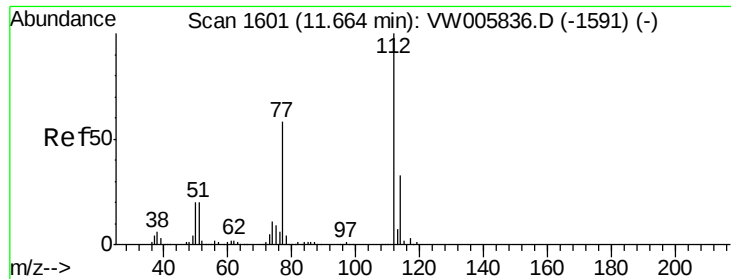
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#64
Tetrachloroethene
Concen: 19.672 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	104.0	156.0
129	89.7	74.8	112.2
131	86.2	71.2	106.8





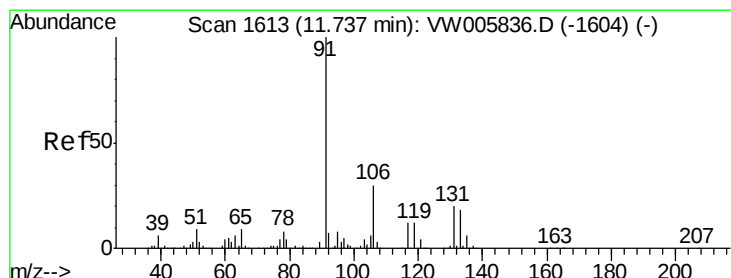
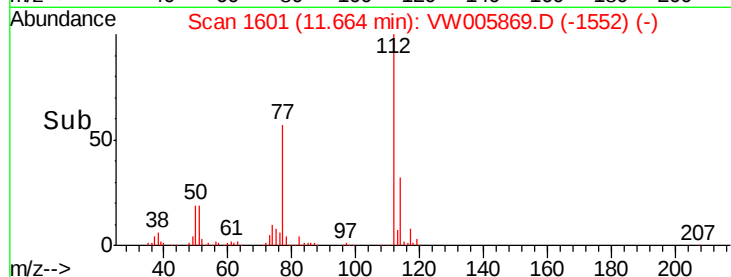
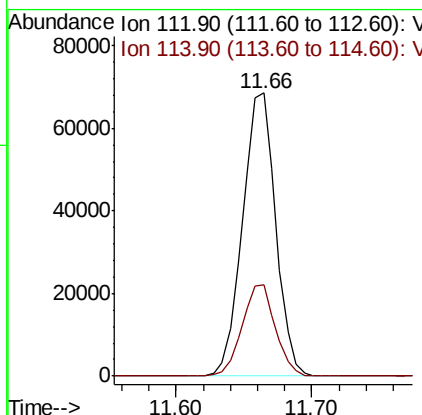
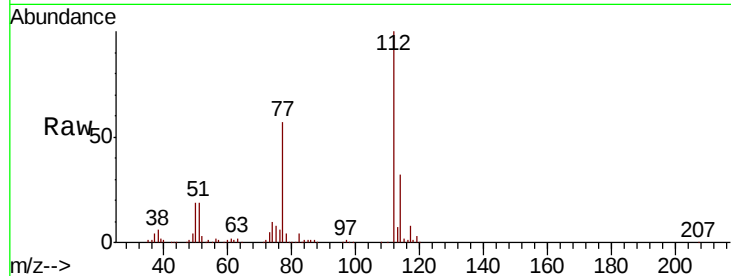
#65
Chlorobenzene
Concen: 19.792 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion:112 Resp: 116706
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

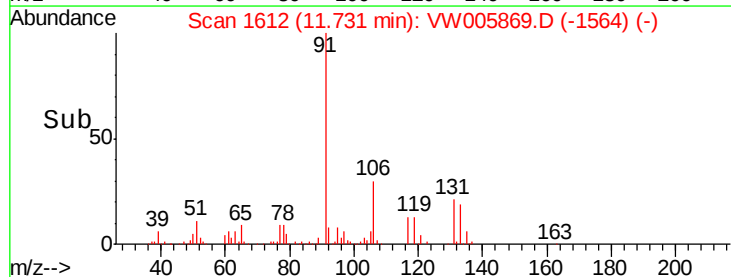
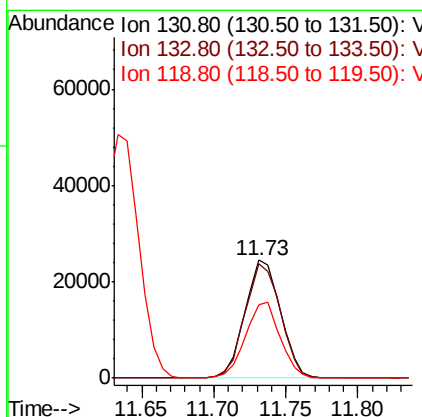
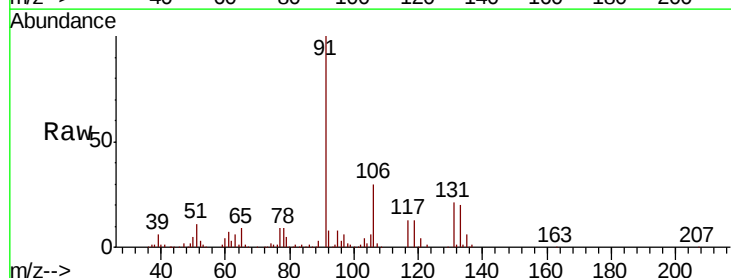
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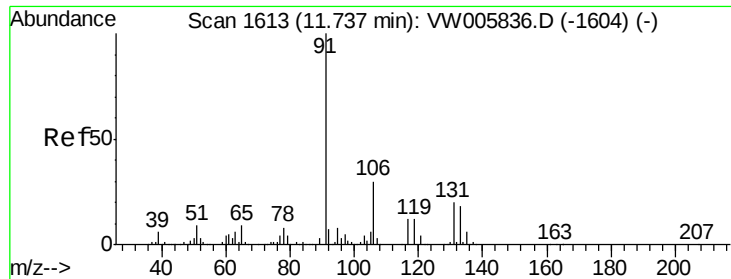
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.116 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:131 Resp: 41781
Ion Ratio Lower Upper
131 100
133 97.2 47.0 141.0
119 63.0 30.4 91.2





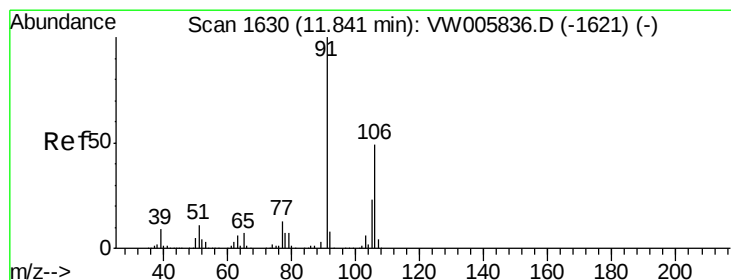
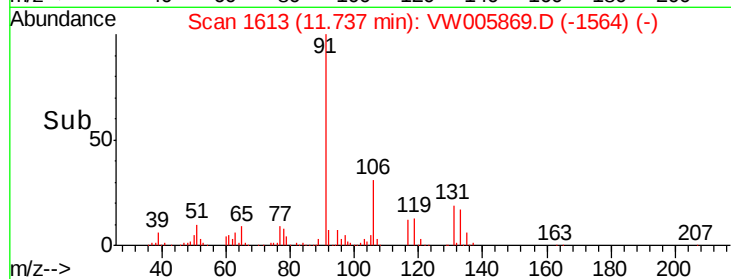
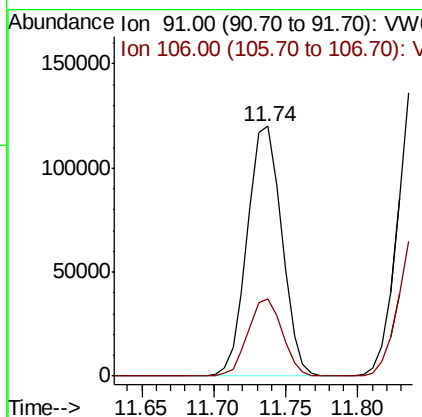
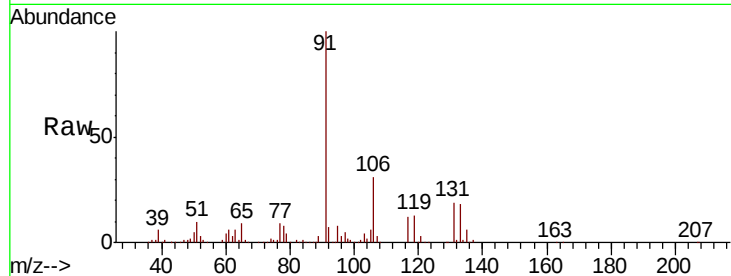
#67
Ethyl Benzene
Concen: 19.729 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.3	36.5

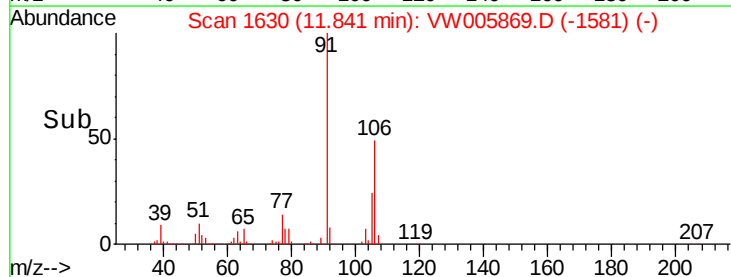
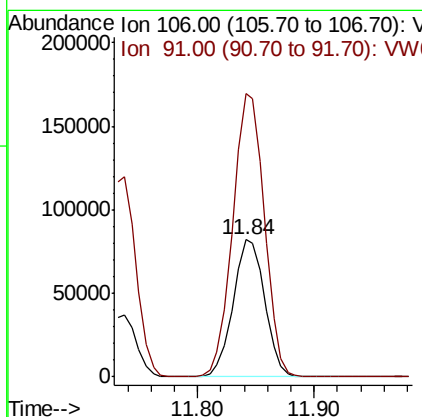
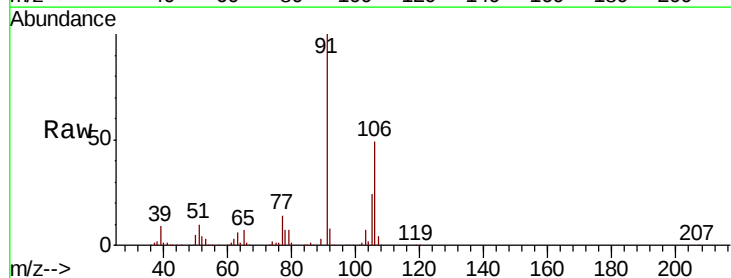
Manual Integrations
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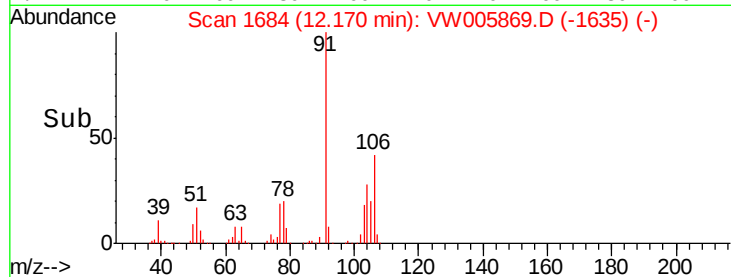
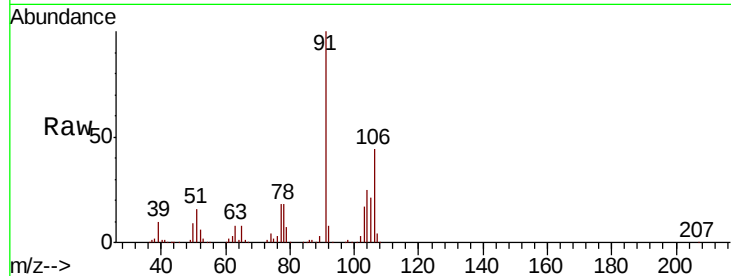
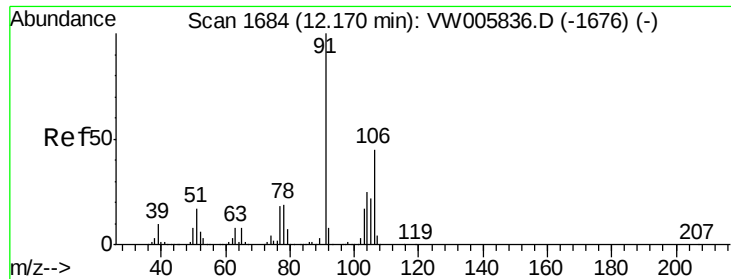
apatel
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#68
m/p-Xylenes
Concen: 39.883 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.7	165.4	248.0





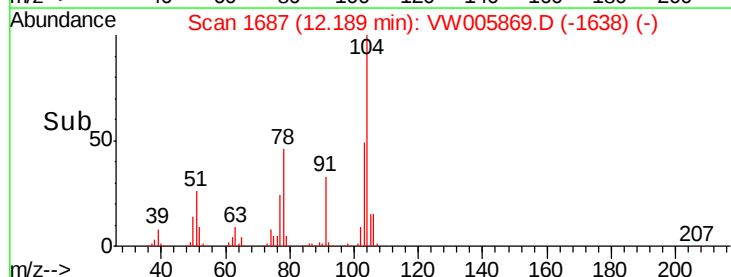
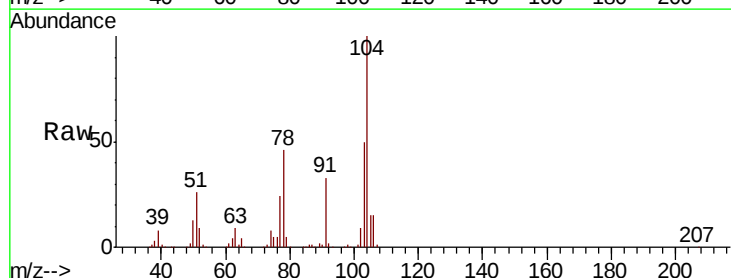
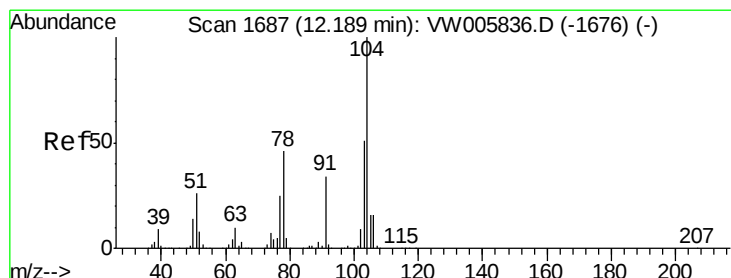
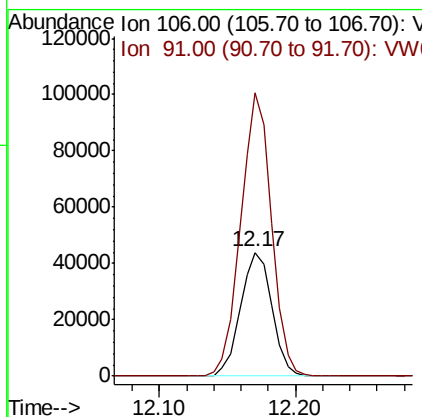
#69
o-Xylene
Concen: 19.585 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tot Ion:106 Resp: 70826
Ion Ratio Lower Upper
106 100
91 223.4 109.7 329.1

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

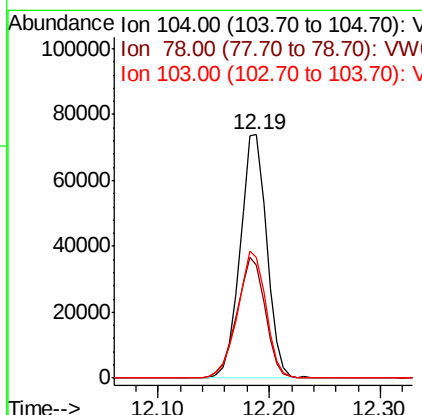
Manual Integrations
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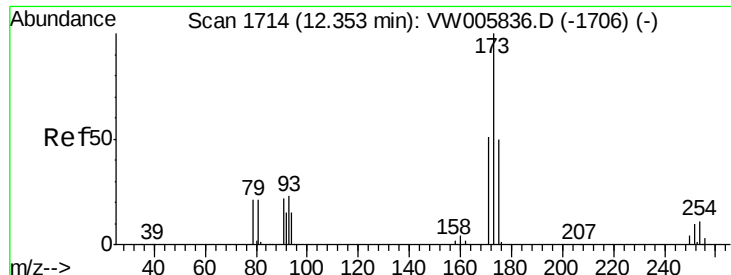
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#70
Styrene
Concen: 19.986 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:104 Resp: 122596
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.3 44.9 67.3





#71

Bromoform

Concen: 20.328 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

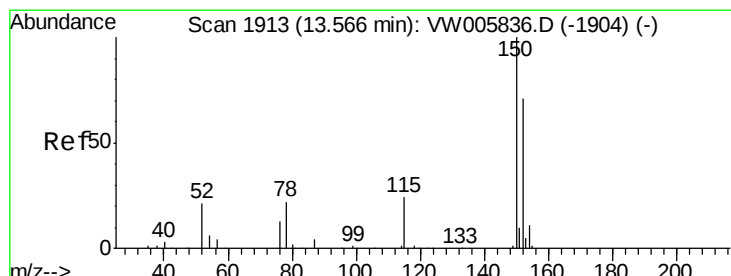
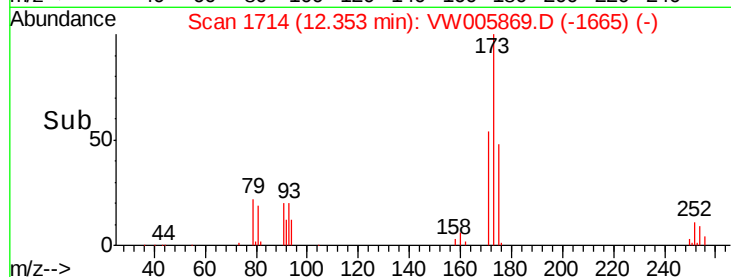
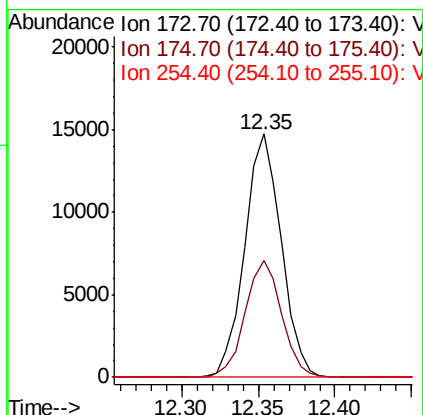
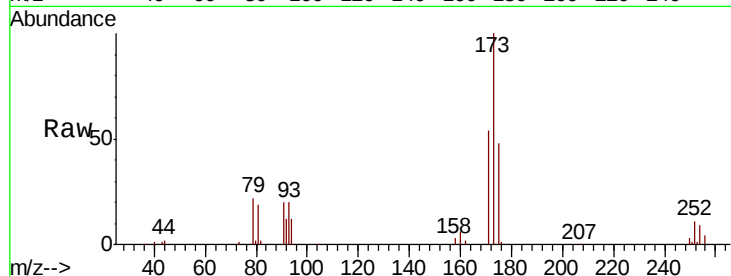
ClientSampleId :

VW1006SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.3	72.9
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

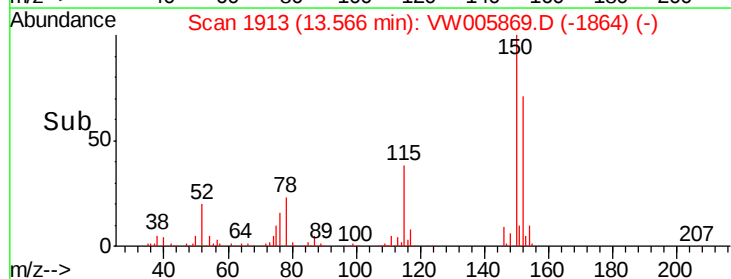
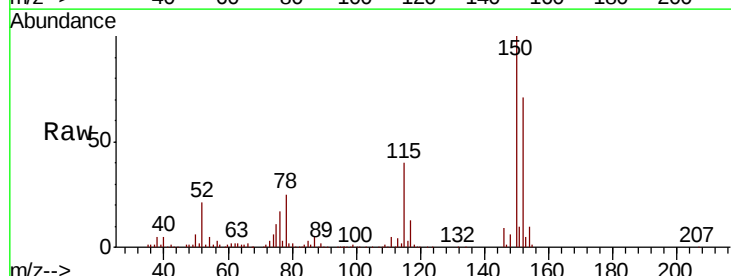
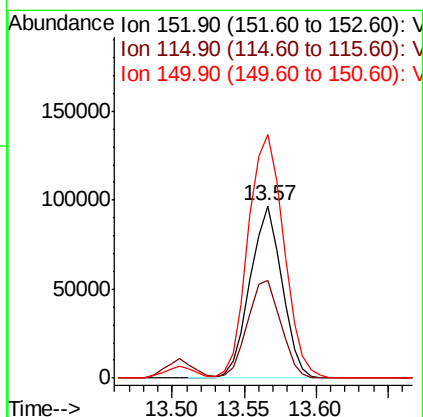
RT: 13.57 min Scan# 1913

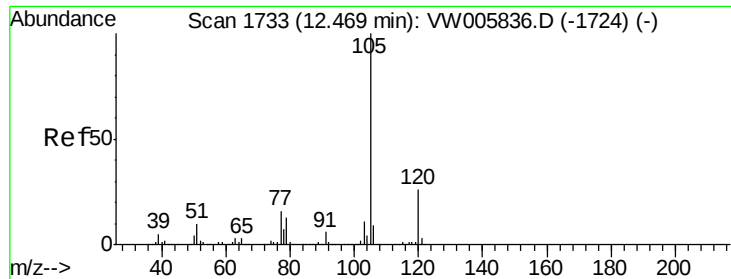
Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.8	89.4
150	158.1	0.0	349.4





#73

Isopropylbenzene

Concen: 19.874 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

Tot Ion:105 Resp: 203127

Ion Ratio Lower Upper

105 100

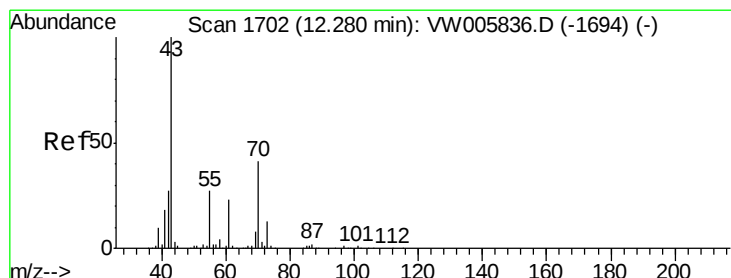
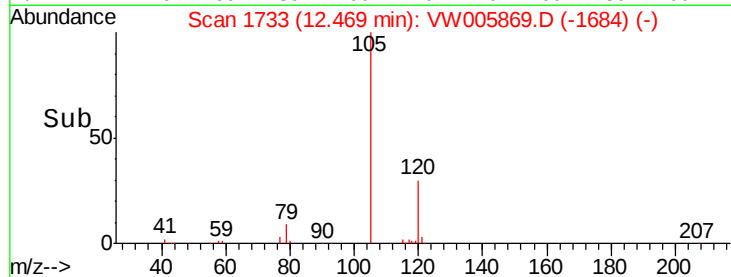
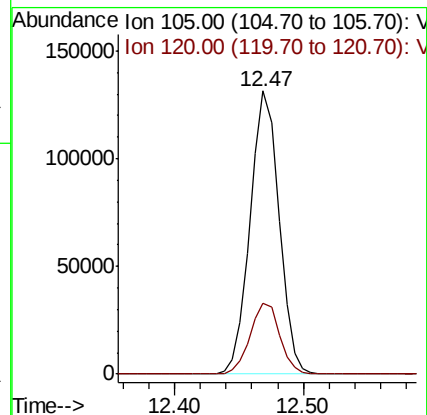
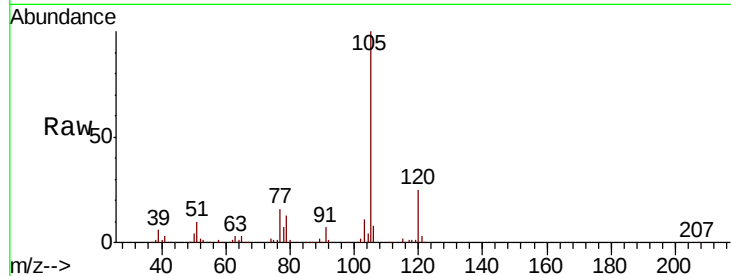
120 25.6 12.9 38.7

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#74

N-ethyl acetate

Concen: 21.182 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 43 Resp: 47117

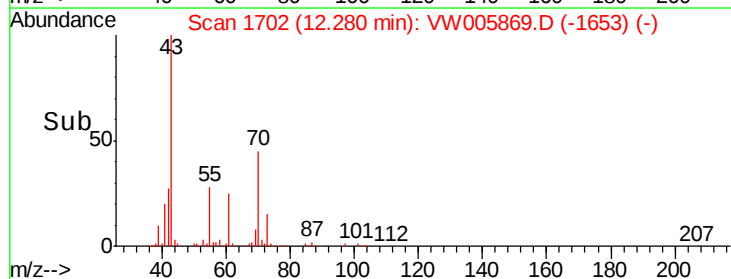
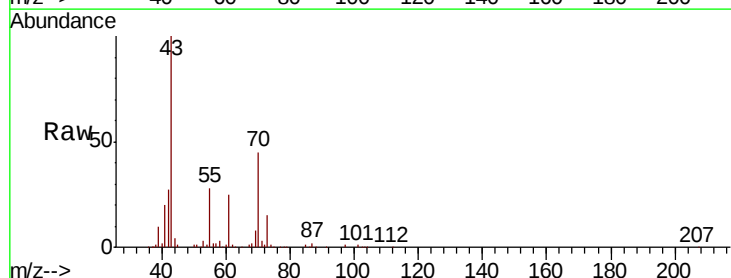
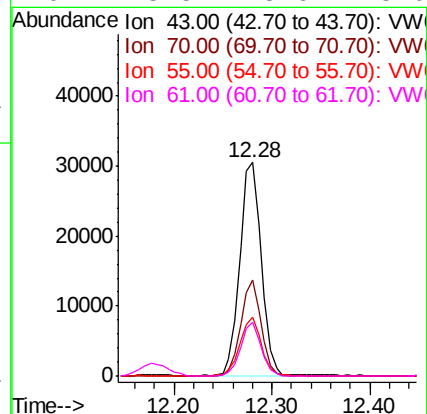
Ion Ratio Lower Upper

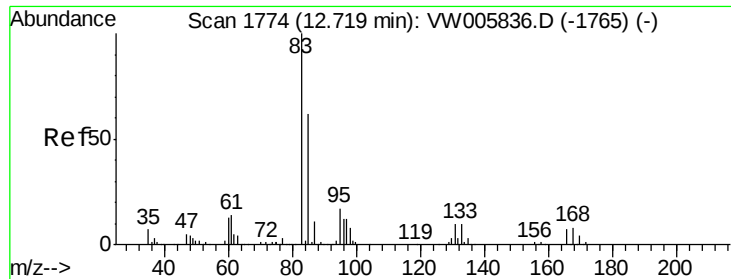
43 100

70 41.8 33.6 50.4

55 27.0 21.8 32.6

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.413 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

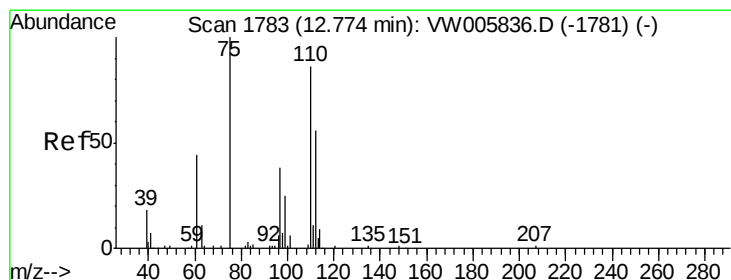
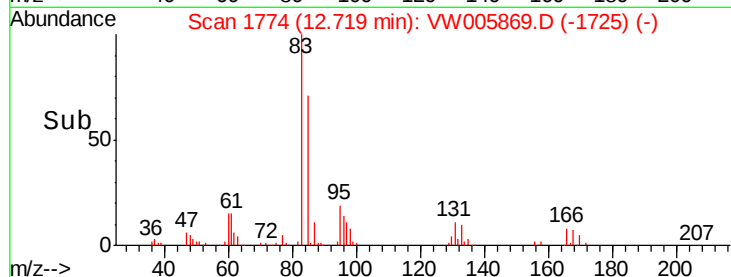
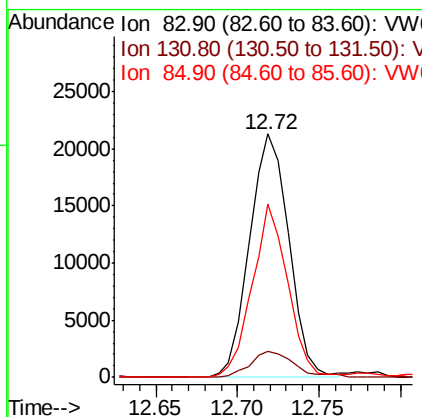
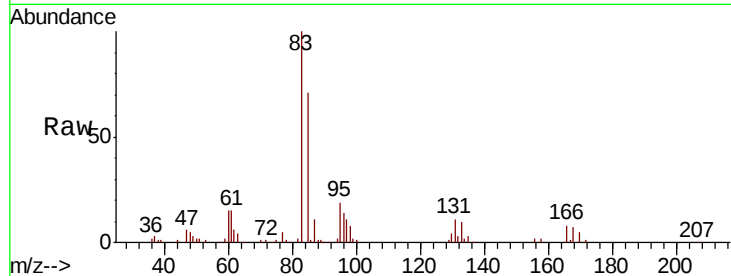
ClientSampleId :

VW1006SBS01

Tot Ion:	83	Resp:	35798
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.6
85	64.7	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.028 ug/l m

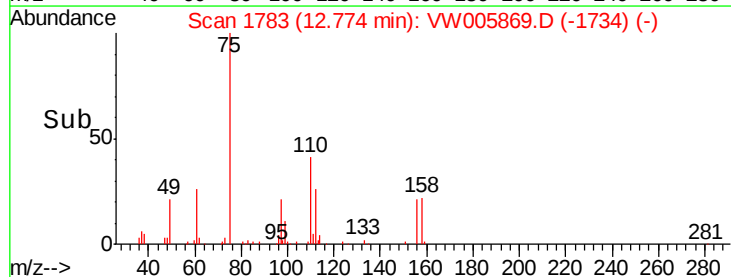
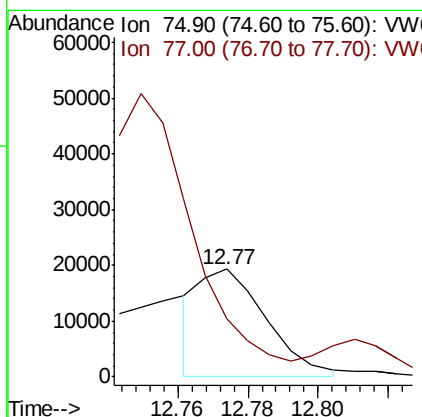
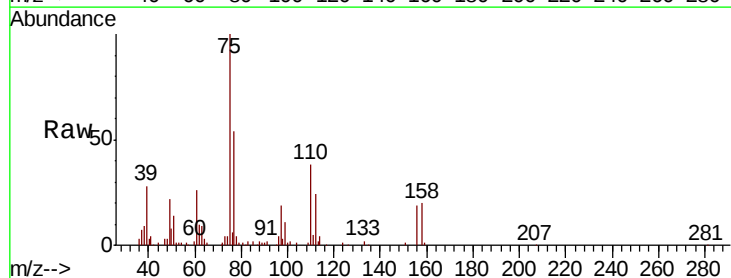
RT: 12.77 min Scan# 1783

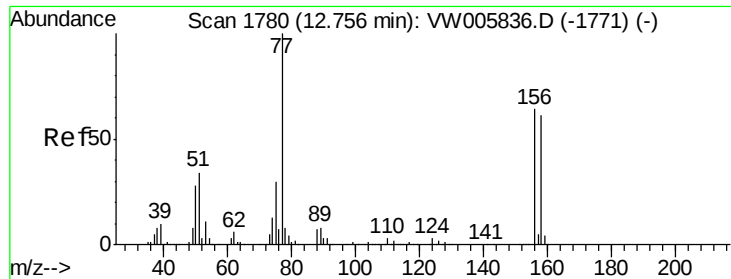
Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	75	Resp:	25689
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.390 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

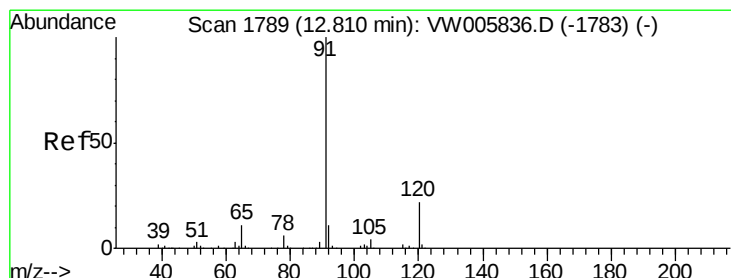
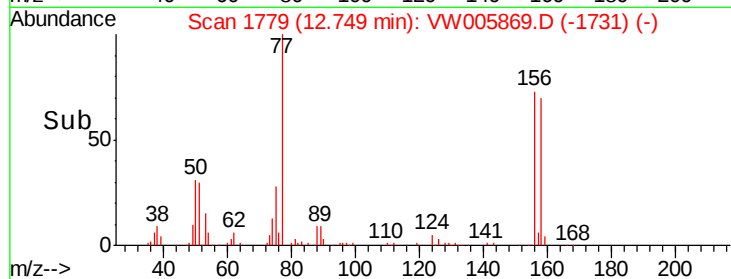
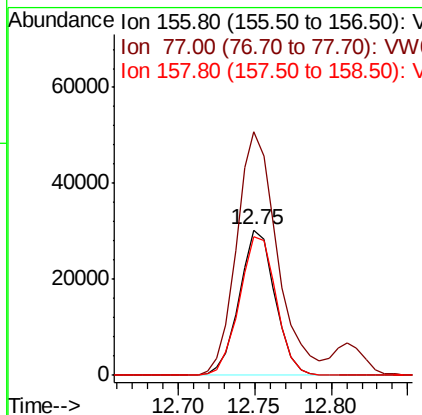
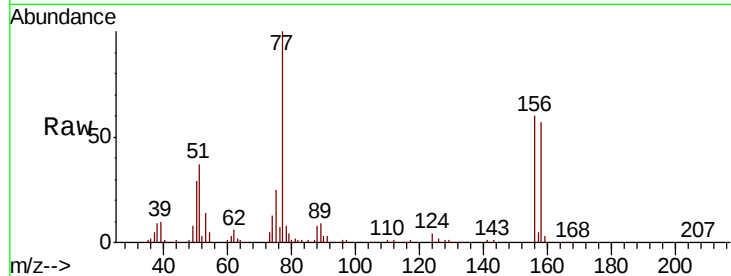
ClientSampleId :

VW1006SBS01

Tot Ion:	156	Resp:	48931
Ion Ratio	Lower	Upper	
156	100		
77	190.4	91.0	273.1
158	98.5	48.4	145.2

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#78

n-propylbenzene

Concen: 19.999 ug/l

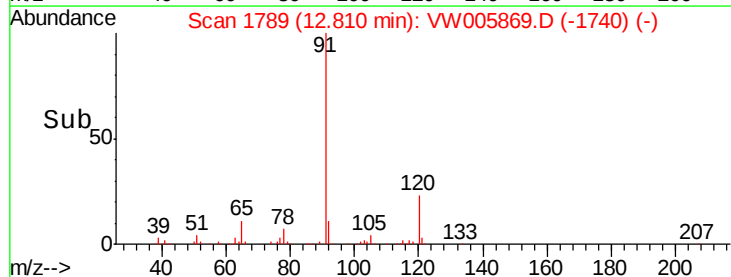
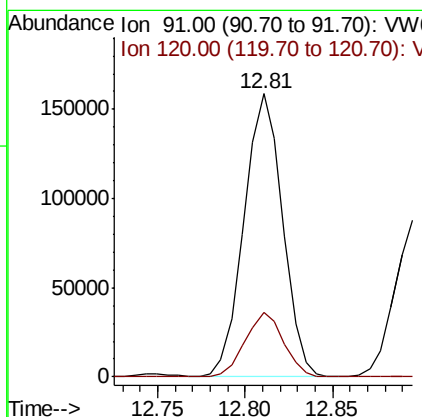
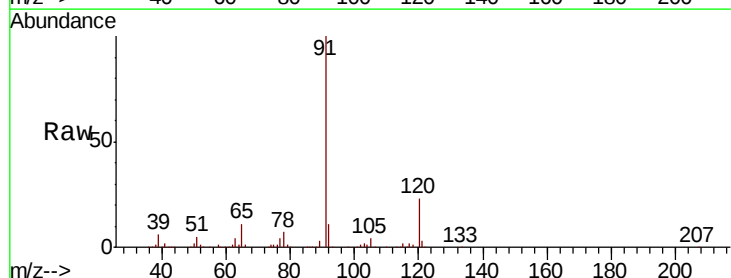
RT: 12.81 min Scan# 1789

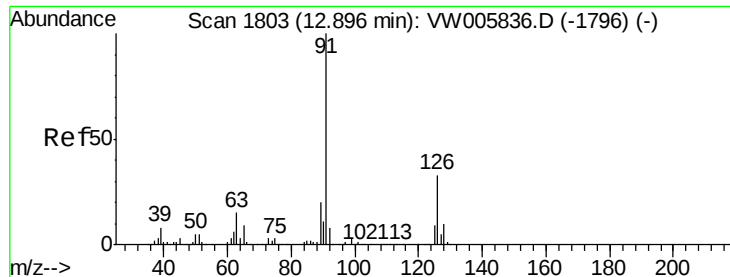
Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	91	Resp:	243125
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9





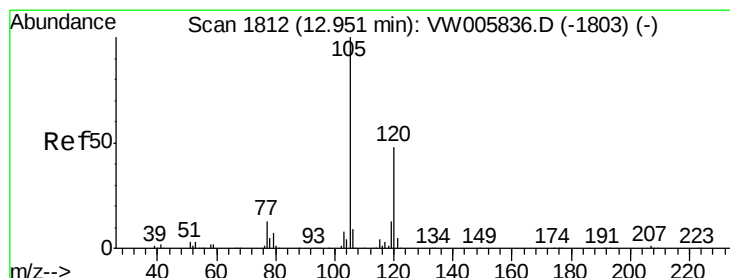
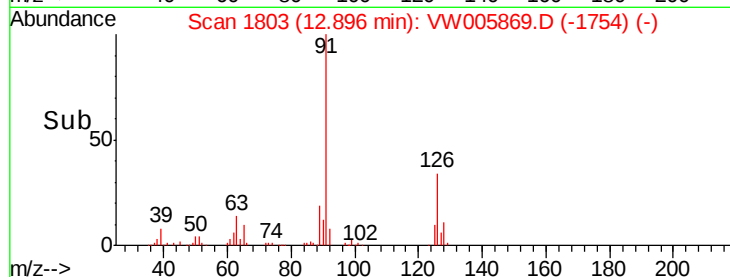
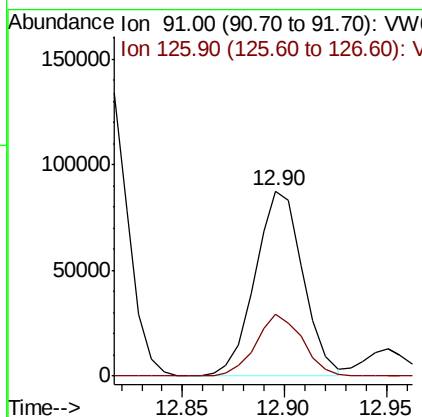
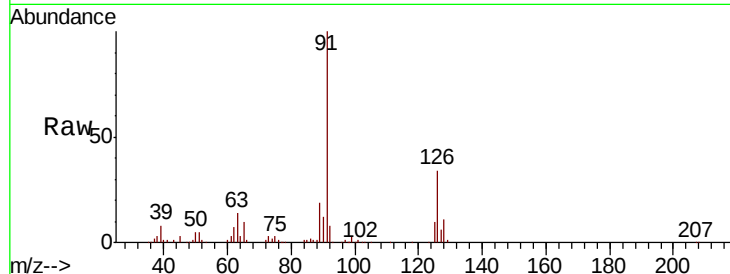
#79
2-Chlorotoluene
Concen: 19.643 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampled :
VW1006SBS01

Tot Ion: 91 Resp: 142236
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8

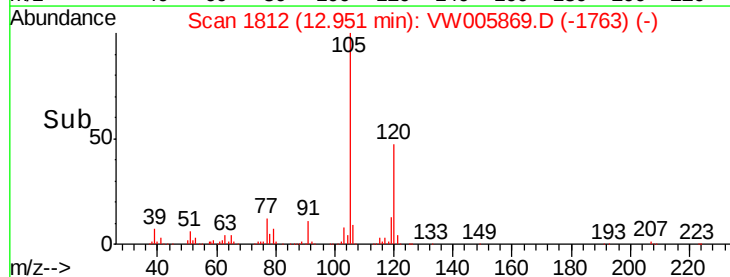
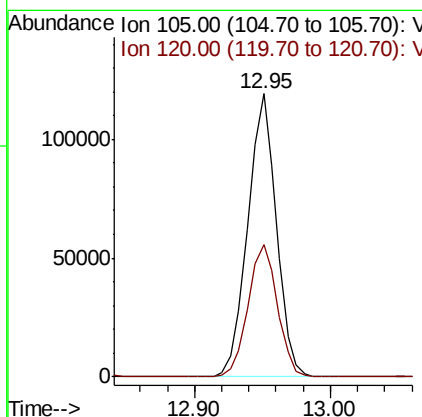
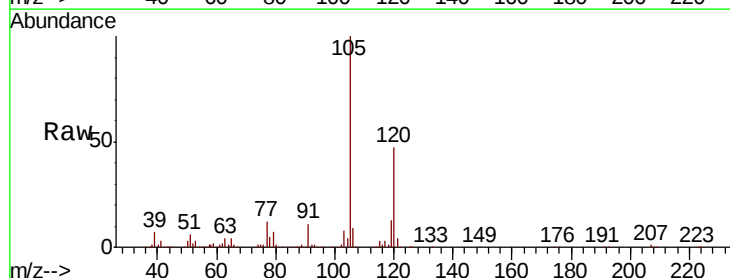
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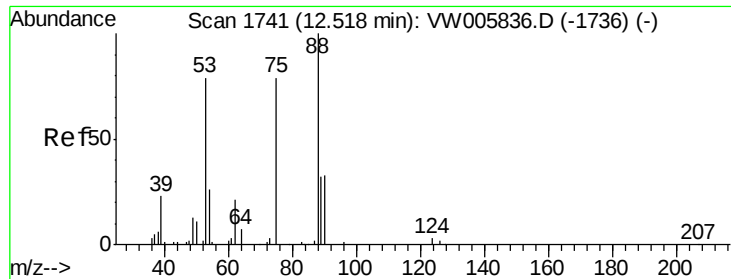
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#80
1,3,5-Trimethylbenzene
Concen: 19.822 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 105 Resp: 175944
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.2





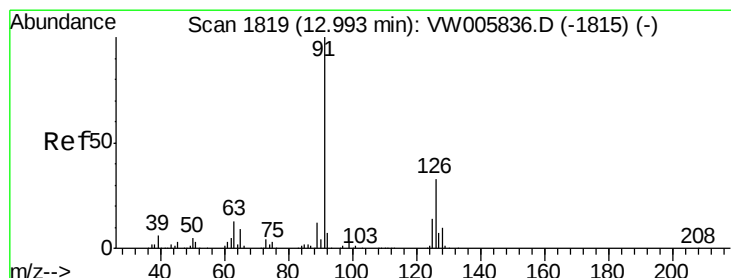
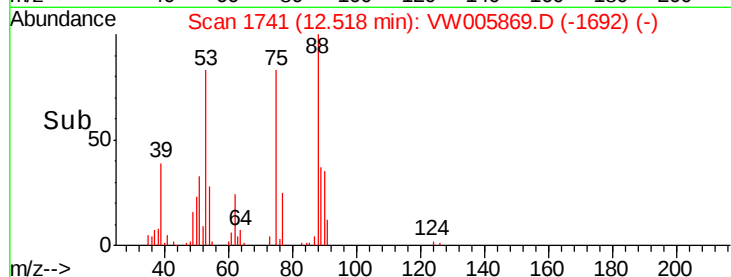
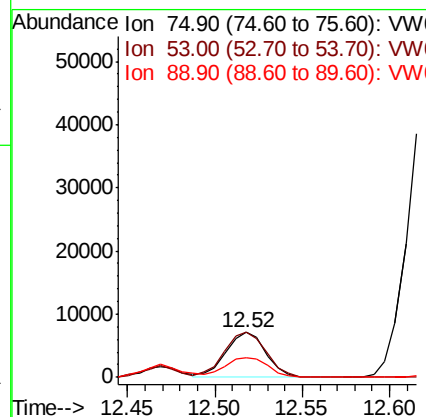
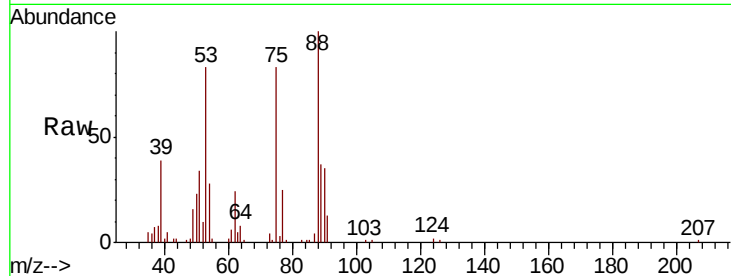
#81
trans-1,4-Dichloro-2-butene
Concen: 21.344 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.4	83.7	125.5
89	45.7	37.5	56.3

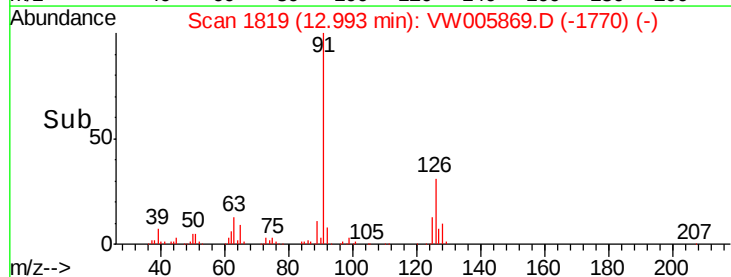
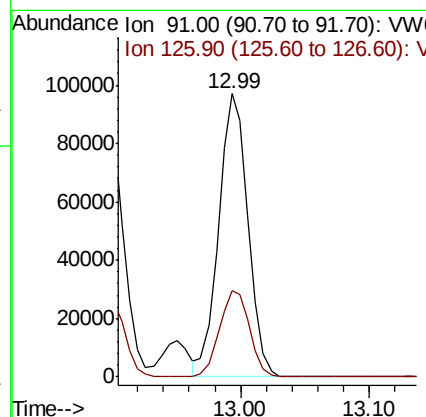
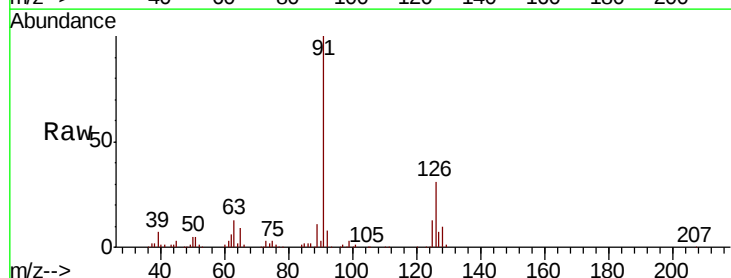
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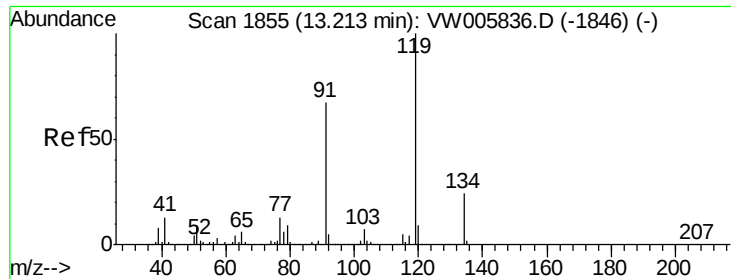
apatel
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#82
4-Chlorotoluene
Concen: 20.293 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.7	50.0





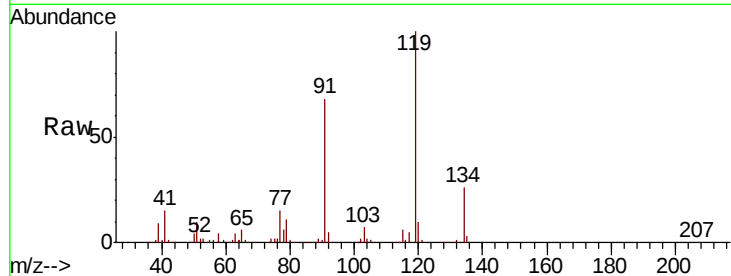
#83
tert-Butylbenzene
Concen: 19.120 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.4	100.2
134	27.1	12.8	38.3

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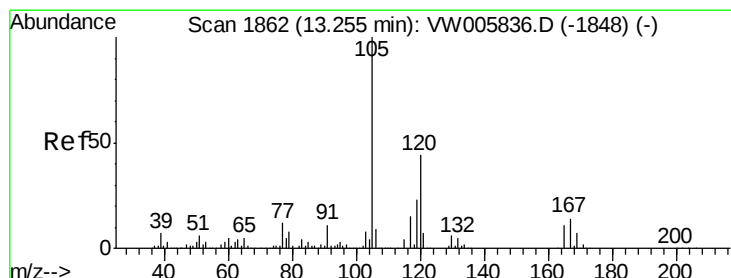
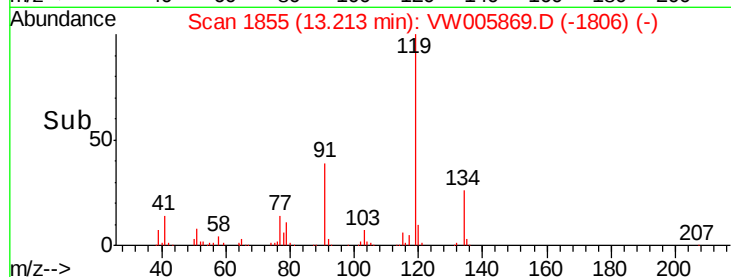
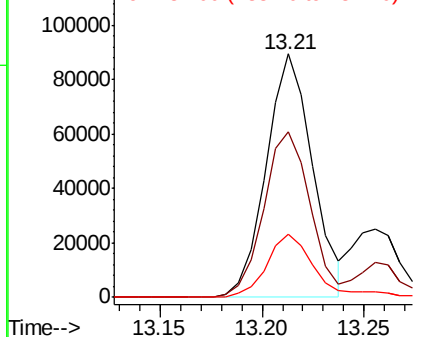


Abundance

Ion 119.00 (118.70 to 119.70): V

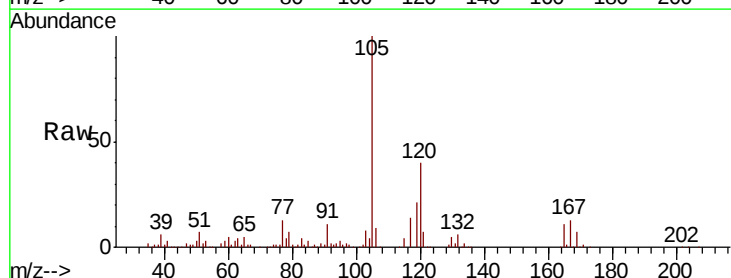
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 20.069 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

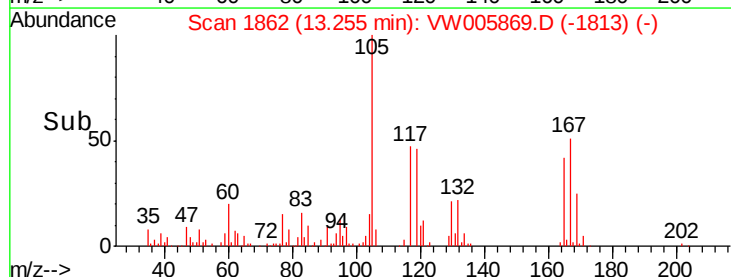
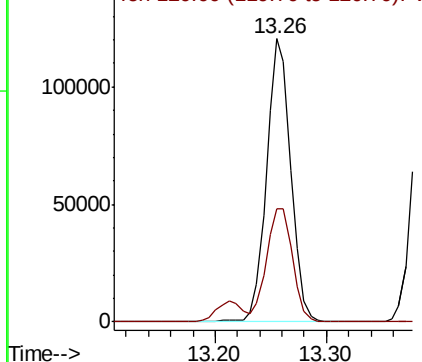
Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.9	65.7

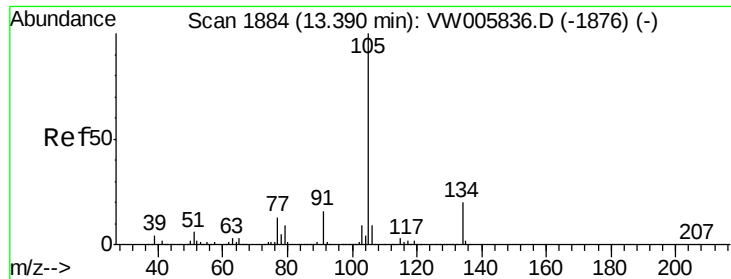


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.675 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampled :

VW1006SBS01

Tot Ion:105 Resp: 210234

Ion Ratio Lower Upper

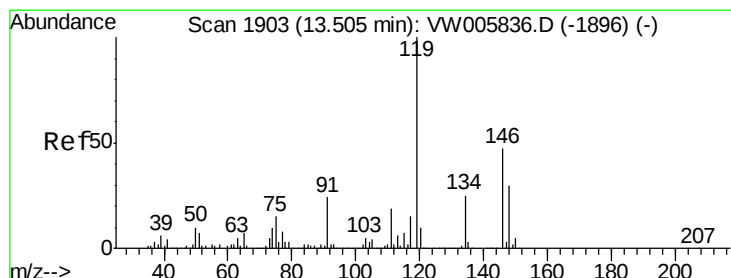
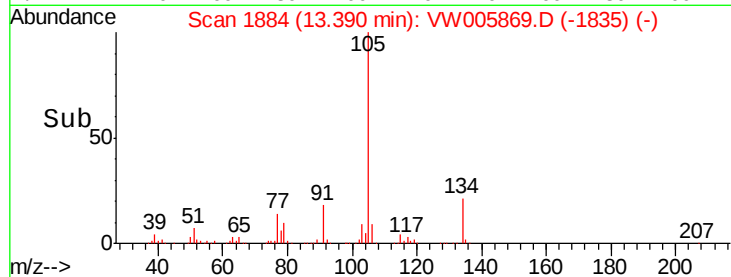
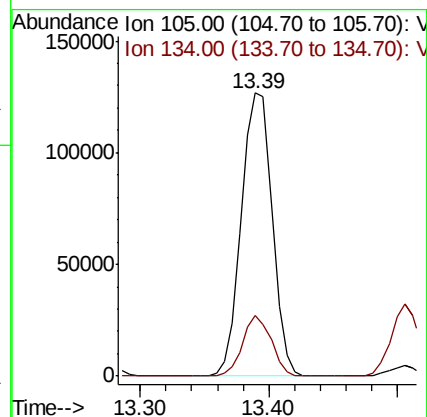
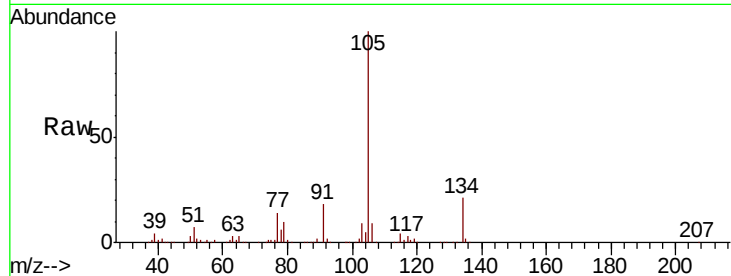
105 100

134 19.9 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 19.879 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

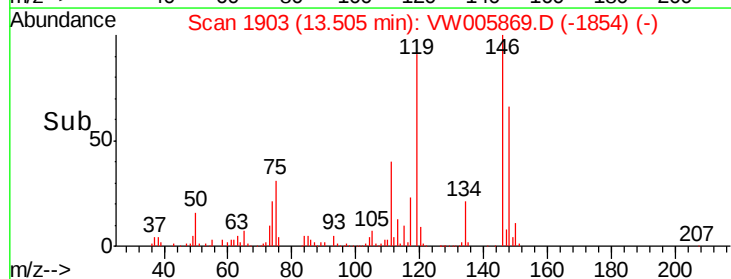
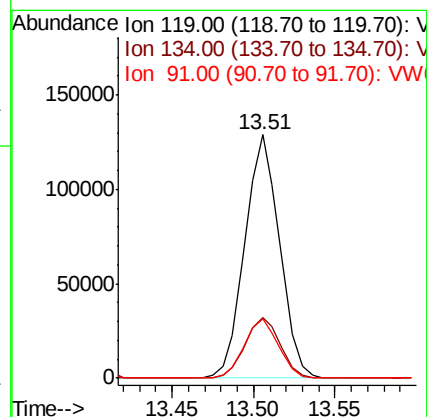
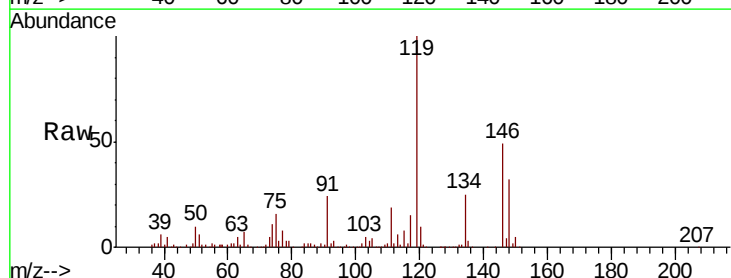
Tgt Ion:119 Resp: 190660

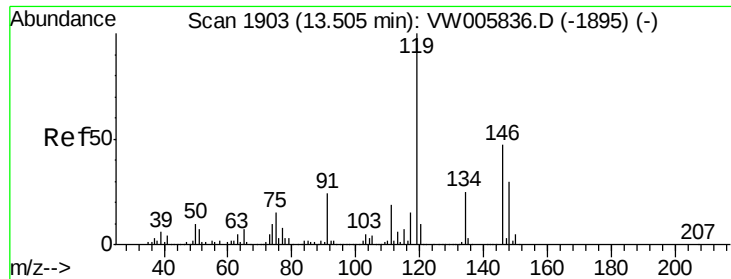
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.1 11.9 35.9





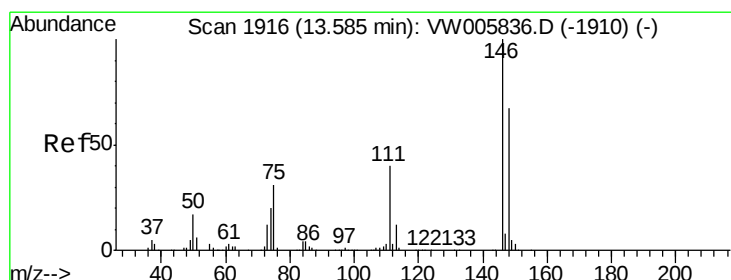
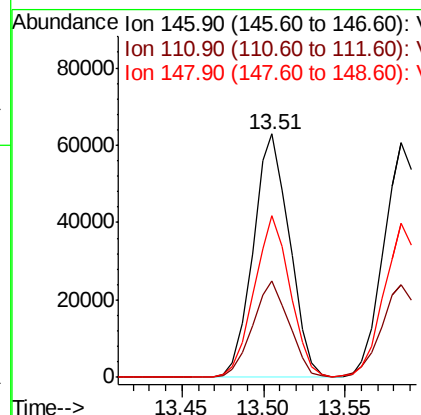
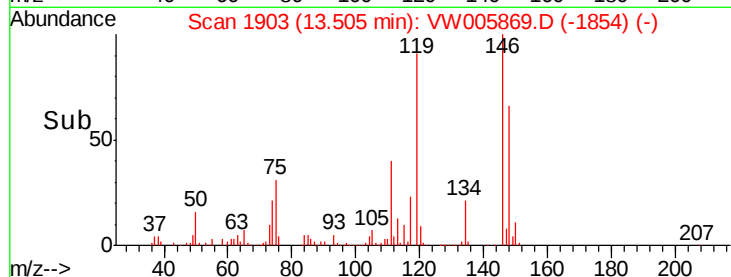
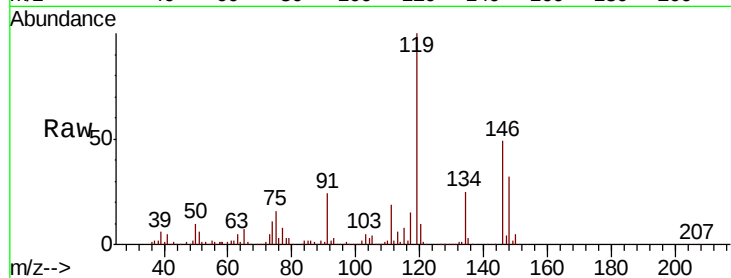
#87
 1,3-Dichlorobenzene
 Concen: 19.210 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	65.5	32.0	96.2

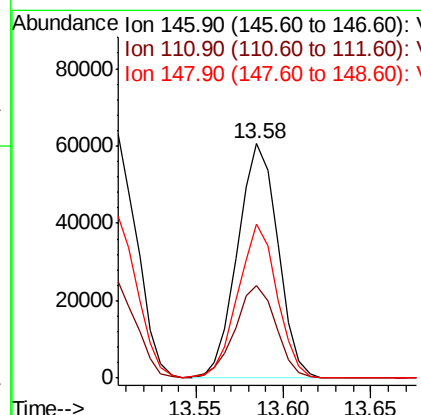
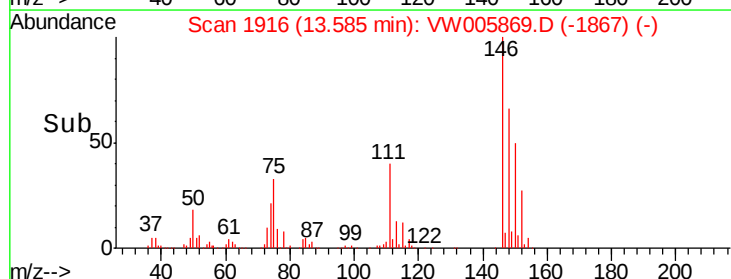
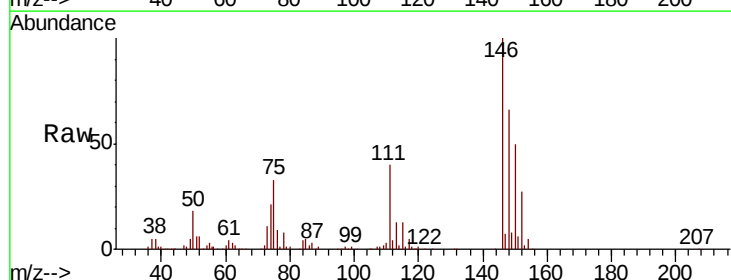
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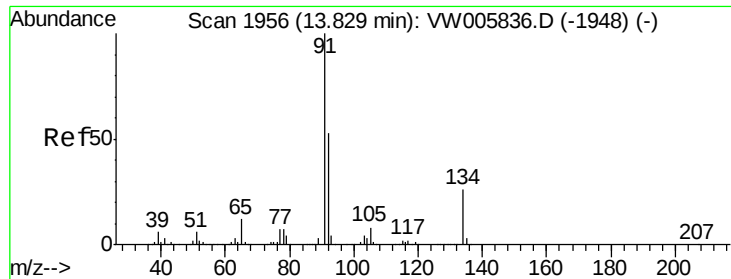
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#88
 1,4-Dichlorobenzene
 Concen: 19.188 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.7	59.1
148	63.8	32.1	96.5





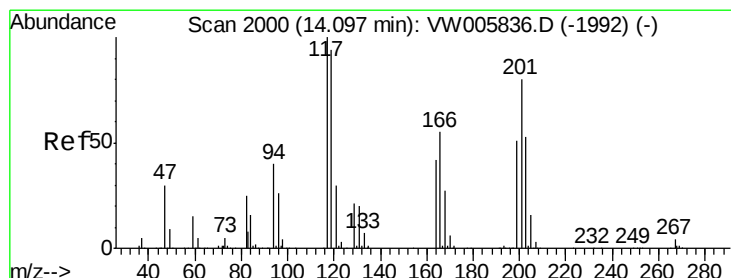
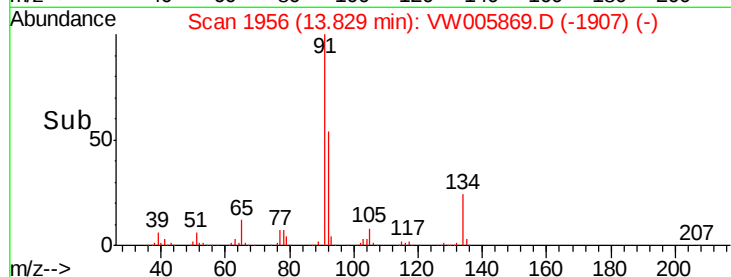
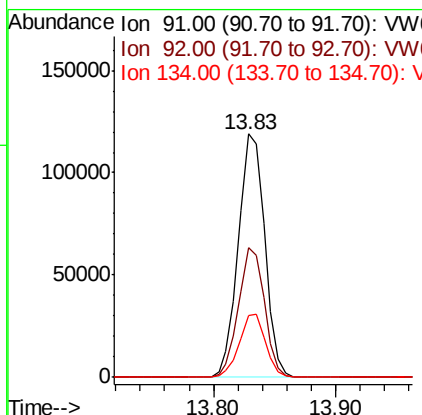
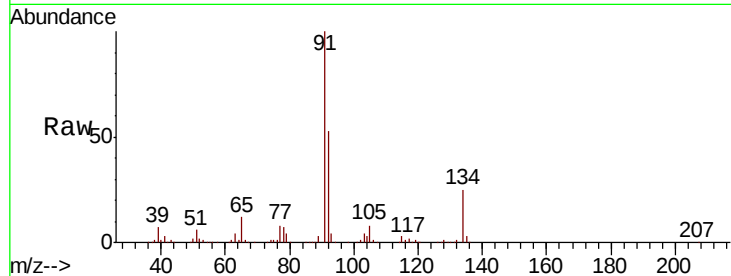
#89
n-Butylbenzene
Concen: 20.182 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	25.6	13.1	39.1

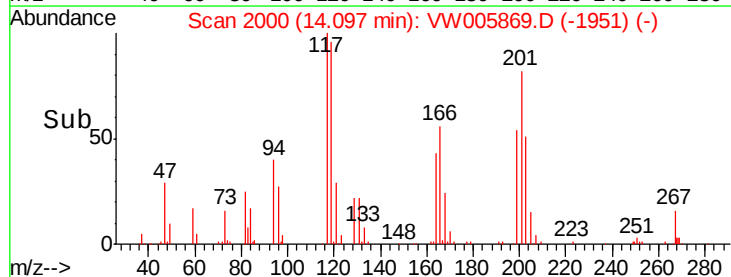
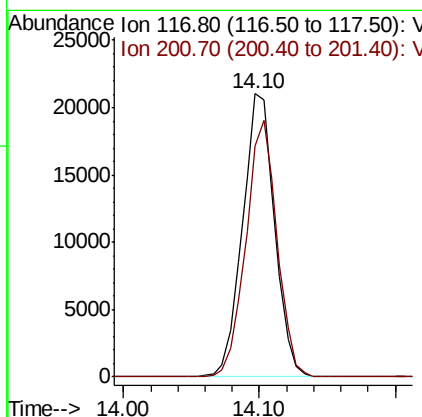
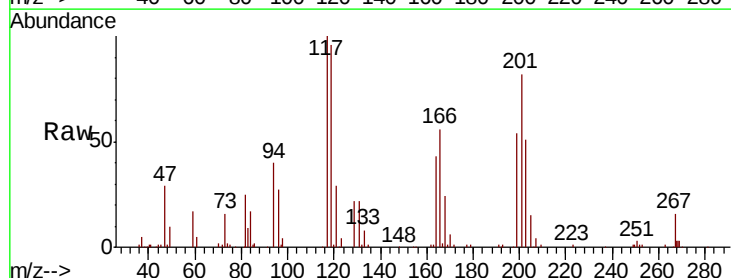
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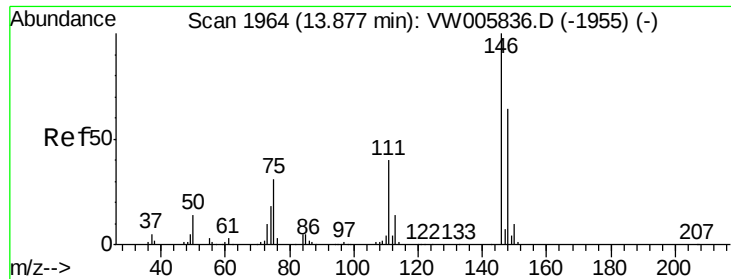
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#90
Hexachloroethane
Concen: 19.240 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.7	131.1





#91

1,2-Dichlorobenzene

Concen: 20.069 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

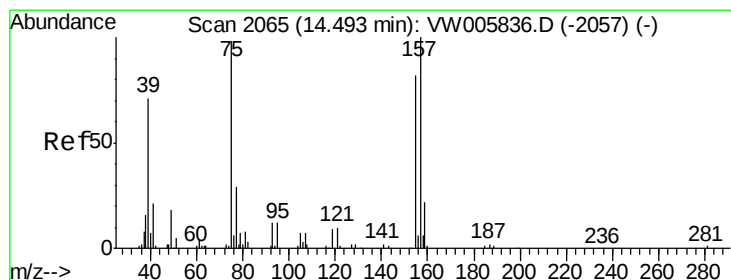
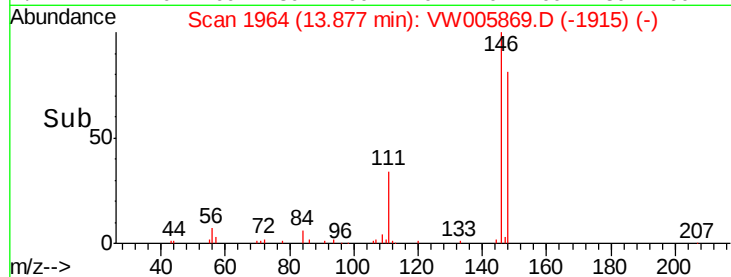
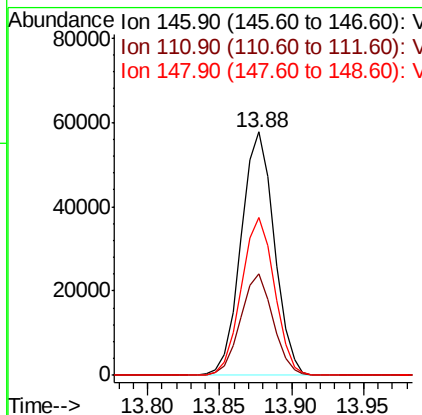
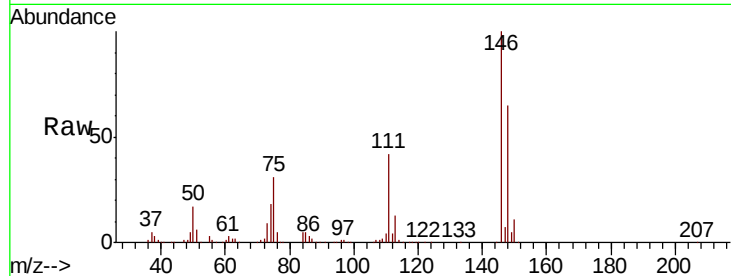
ClientSampleId :

VW1006SBS01

Tot Ion:	146	Resp:	91857
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.4	61.3
148	65.0	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.649 ug/l

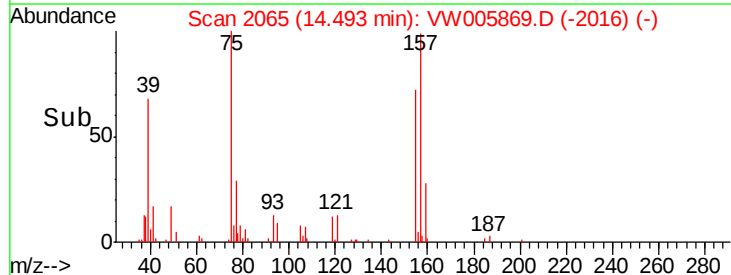
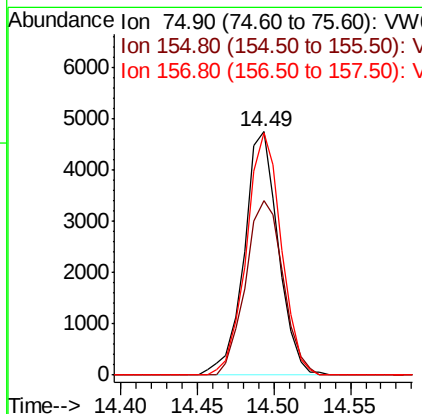
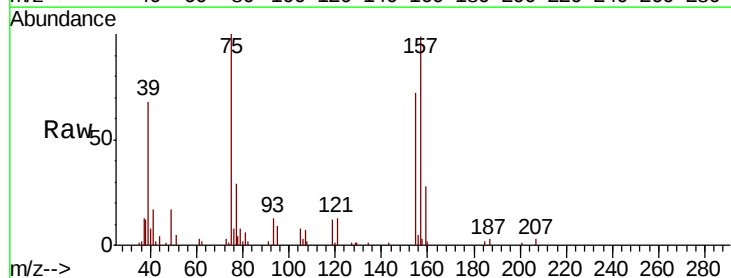
RT: 14.49 min Scan# 2065

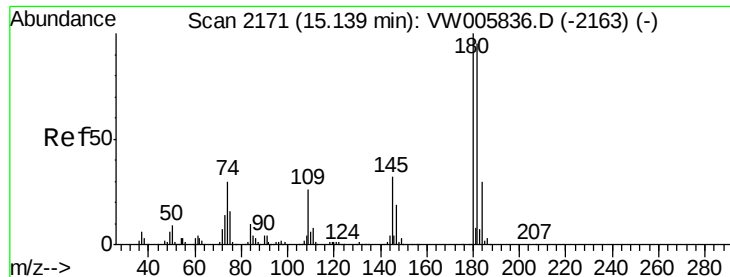
Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	75	Resp:	7340
Ion Ratio	Lower	Upper	
75	100		
155	79.1	41.3	123.9
157	101.8	51.9	155.7





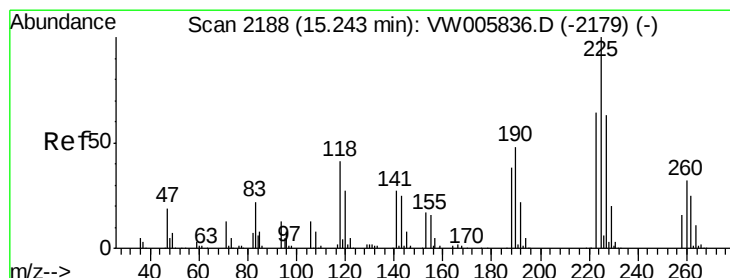
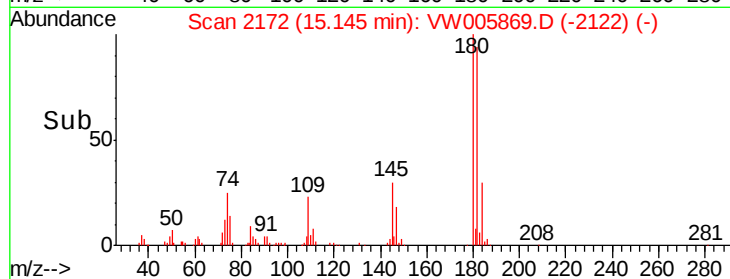
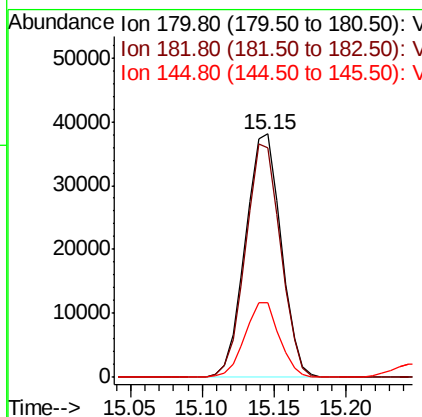
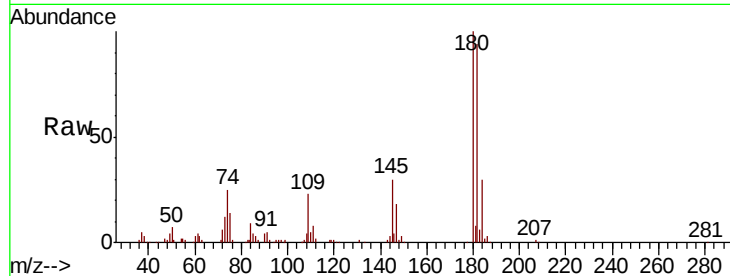
#93
 1,2,4-Trichlorobenzene
 Concen: 20.351 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	29.9	15.0	45.0

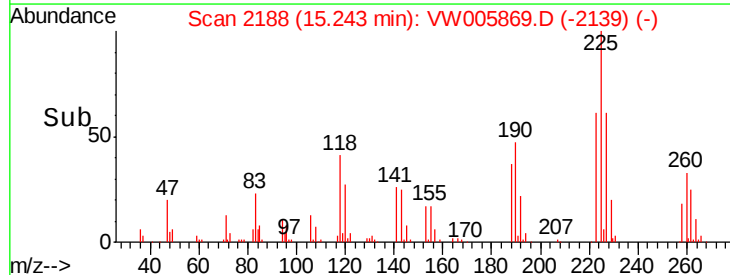
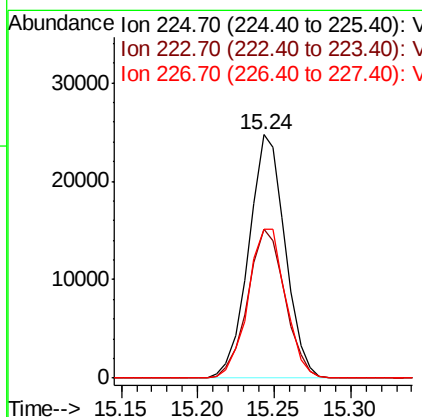
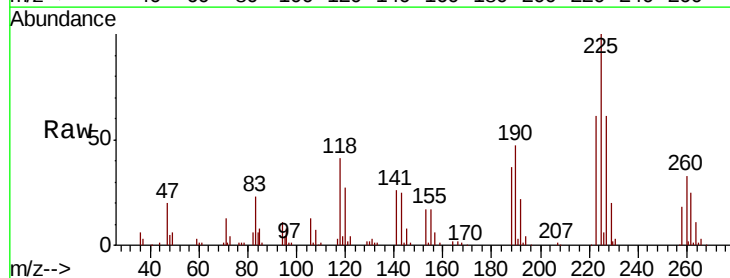
Manual Integrations
 APPROVED

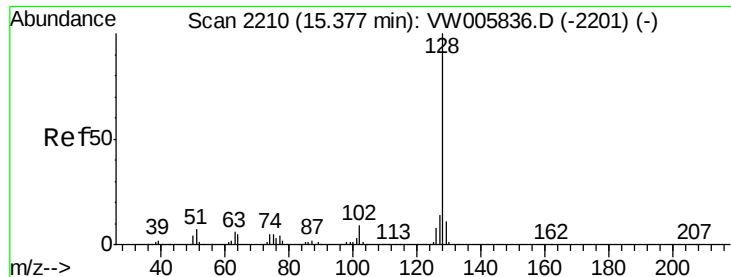
apatel
 10/5/2018 3:12:50 PM



#94
 Hexachlorobutadiene
 Concen: 20.226 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	63.1	31.7	95.1





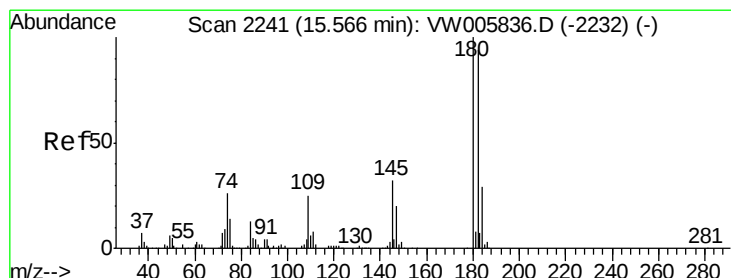
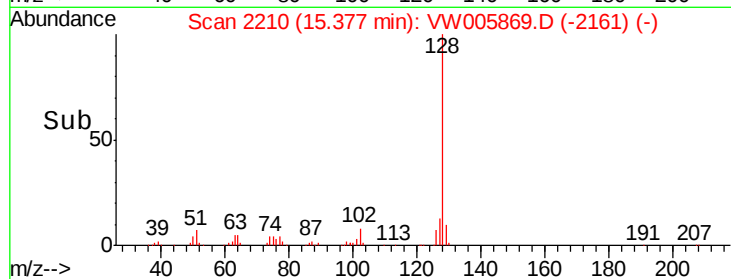
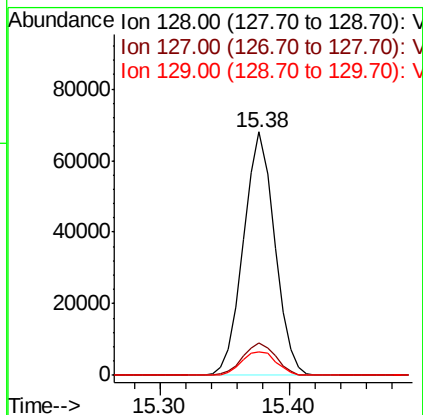
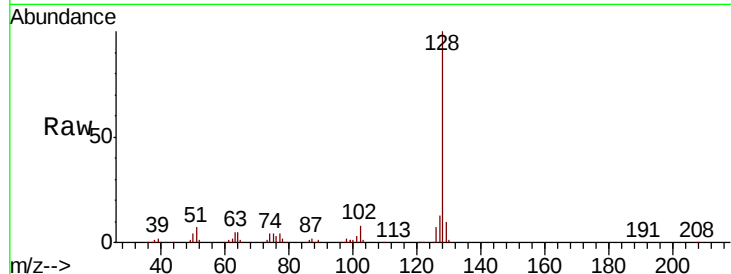
#95
Naphthalene
Concen: 20.112 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.9	16.3
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
10/5/2018 3:12:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.773 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	142.0
145	32.0	16.1	48.2

