

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007231.D
 Acq On : 05 Dec 2018 15:21
 Operator : SY/AP
 Sample : VW1205SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Manual Integrations
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 12/6/2018 12:55:42 PM

Quant Time: Dec 06 06:36:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47617	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.88	113	46194	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.33	98	206157	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	78116	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26468	23.051	ug/l	99
3) Chloromethane	2.22	50	28942	19.904	ug/l	97
4) Vinyl Chloride	2.36	62	19781	21.727	ug/l	100
5) Bromomethane	2.76	94	12496	27.391	ug/l	96
6) Chloroethane	2.92	64	11049	21.630	ug/l	96
7) Trichlorofluoromethane	3.26	101	38597	21.745	ug/l	96
8) Diethyl Ether	3.69	74	9446	19.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22523	21.005	ug/l	98
10) Methyl Iodide	4.28	142	12342	13.512	ug/l	97
11) Tert butyl alcohol	5.17	59	7945	71.683	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	20995	20.894	ug/l	98
13) Acrolein	3.90	56	6251	91.302	ug/l	100
14) Allyl chloride	4.67	41	32857	20.400	ug/l	99
15) Acrylonitrile	5.38	53	19122	92.450	ug/l	100
16) Acetone	4.12	43	20254	87.560	ug/l	98
17) Carbon Disulfide	4.38	76	68031	20.539	ug/l	96
18) Methyl Acetate	4.68	43	9762	18.489	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	46270	19.558	ug/l	96
20) Methylene Chloride	4.92	84	26029	19.124	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	23641	21.070	ug/l	97
22) Diisopropyl ether	6.31	45	58987	20.401	ug/l #	93
23) Vinyl Acetate	6.26	43	151313	95.908	ug/l	100
24) 1,1-Dichloroethane	6.22	63	38842	20.959	ug/l	100
25) 2-Butanone	7.17	43	22660	84.508	ug/l	99
26) 2,2-Dichloropropane	7.17	77	37551	21.085	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	25045	20.822	ug/l	99
28) Bromochloromethane	7.52	49	13621	20.383	ug/l	99
29) Tetrahydrofuran	7.53	42	15109	91.183	ug/l	99
30) Chloroform	7.68	83	39413	20.464	ug/l	98
31) Cyclohexane	7.96	56	40335	20.802	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	38938	21.483	ug/l	99
36) 1,1-Dichloropropene	8.09	75	33803	21.672	ug/l	100
37) Ethyl Acetate	7.25	43	10592	18.774	ug/l	98
38) Carbon Tetrachloride	8.07	117	34400	21.608	ug/l	97

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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)
39) Methylcyclohexane	9.34	83	43912	21.031	ug/l	98
40) Benzene	8.32	78	90677	21.201	ug/l	99
41) Methacrylonitrile	7.48	41	5664	16.760	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	24594	20.575	ug/l	98
43) Isopropyl Acetate	8.43	43	20107	18.350	ug/l	99
44) Trichloroethene	9.09	130	25681	21.361	ug/l	100
45) 1,2-Dichloropropane	9.37	63	20927	21.026	ug/l	93
46) Dibromomethane	9.46	93	10689	20.668	ug/l	98
47) Bromodichloromethane	9.64	83	28789	21.162	ug/l	96
48) Methyl methacrylate	9.44	41	11000	19.342	ug/l	96
49) 1,4-Dioxane	9.45	88	3421	378.657	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	49311	91.317	ug/l	100
52) Toluene	10.39	92	63587	21.373	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	28115	20.556	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	33467	20.879	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	15136	20.575	ug/l	98
56) Ethyl methacrylate	10.65	69	18305	19.076	ug/l	99
57) 1,3-Dichloropropane	10.93	76	25051	20.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	42417	110.049	ug/l	98
59) 2-Hexanone	10.97	43	35912	91.740	ug/l	99
60) Dibromochloromethane	11.13	129	18523	20.487	ug/l	95
61) 1,2-Dibromoethane	11.24	107	14213	20.144	ug/l	97
64) Tetrachloroethene	10.87	164	22480	20.669	ug/l	93
65) Chlorobenzene	11.66	112	70871	21.316	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	21154	20.602	ug/l	98
67) Ethyl Benzene	11.73	91	129153	21.314	ug/l	98
68) m/p-Xylenes	11.84	106	101474	42.686	ug/l	97
69) o-Xylene	12.17	106	47668	21.462	ug/l	98
70) Styrene	12.18	104	76992	21.176	ug/l	99
71) Bromoform	12.35	173	9955	19.367	ug/l #	98
73) Isopropylbenzene	12.47	105	131752	21.407	ug/l	99
74) N-amyl acetate	12.27	43	20422	18.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	15864	19.847	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	10333m	17.635	ug/l	
77) Bromobenzene	12.75	156	27539	20.729	ug/l	100
78) n-propylbenzene	12.81	91	157657	21.501	ug/l	97
79) 2-Chlorotoluene	12.90	91	88941	21.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	112122	21.295	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5067	18.639	ug/l	97
82) 4-Chlorotoluene	12.99	91	94943	21.553	ug/l	97
83) tert-Butylbenzene	13.21	119	99848	21.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	113498	21.118	ug/l	95
85) sec-Butylbenzene	13.39	105	140655	21.413	ug/l	98
86) p-Isopropyltoluene	13.51	119	125573	21.475	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	58338	21.391	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	56472	20.499	ug/l	98
89) n-Butylbenzene	13.83	91	118632	21.710	ug/l	99
90) Hexachloroethane	14.10	117	18924	21.237	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	50435	21.362	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2882	18.612	ug/l	94

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VW1205SBS01

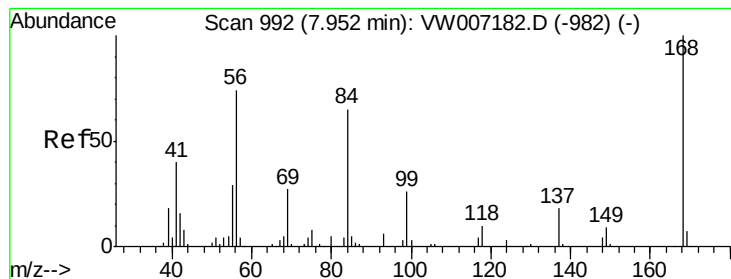
Manual Integrations
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12/6/2018 12:55:42 PM

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32958	20.143	ug/l	98
94) Hexachlorobutadiene	15.24	225	18577	21.055	ug/l	98
95) Naphthalene	15.38	128	53974	18.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27032	19.593	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: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion:168 Resp: 104948

Ion Ratio Lower Upper

168 100

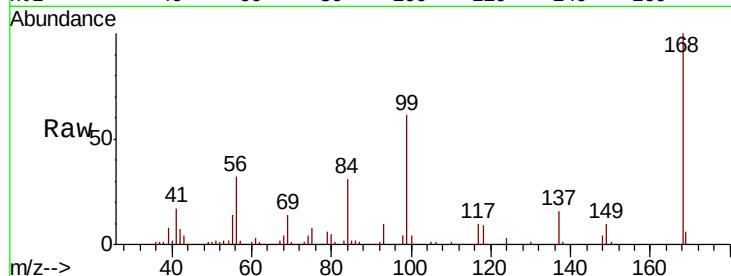
99 60.4 47.8 71.8

Manual Integrations

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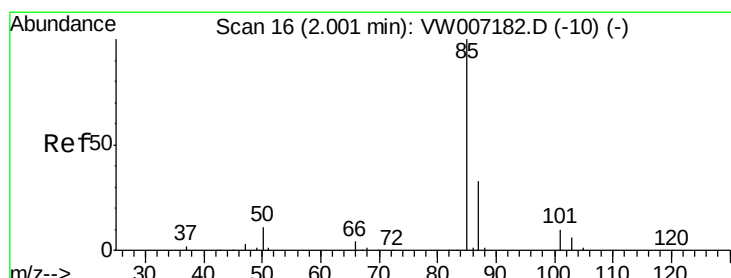
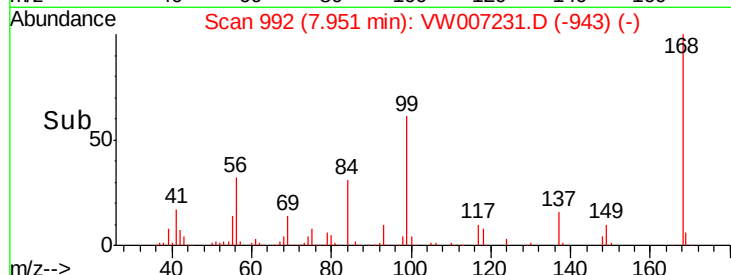
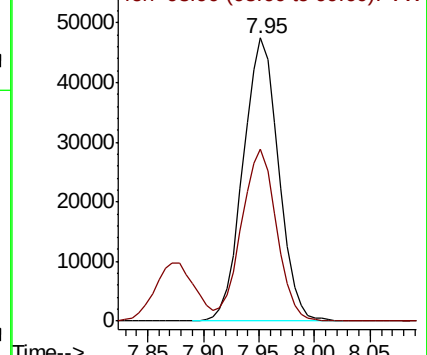
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.051 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007231.D

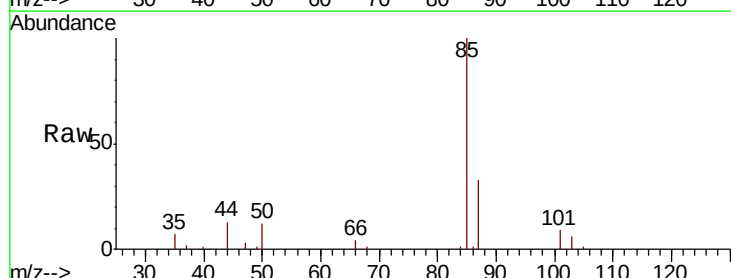
Acq: 05 Dec 2018 15:21

Tgt Ion: 85 Resp: 26468

Ion Ratio Lower Upper

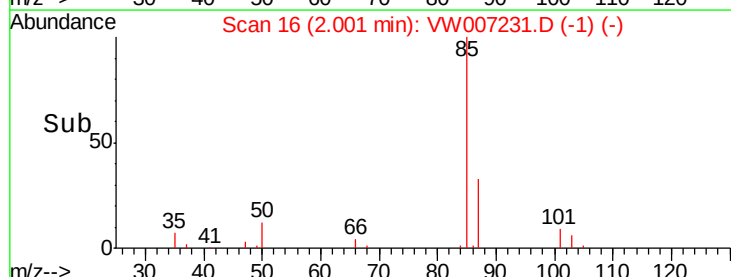
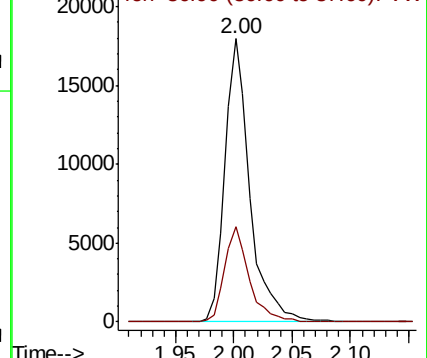
85 100

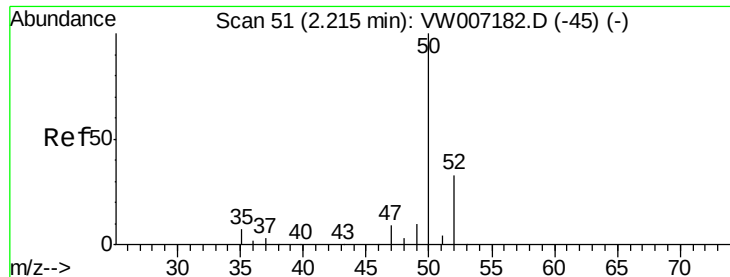
87 33.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.904 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 50 Resp: 28942

Ion Ratio Lower Upper

50 100

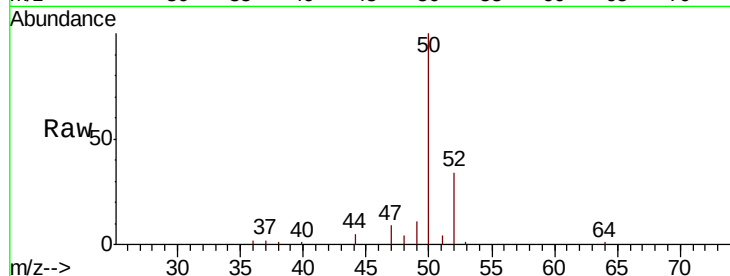
52 34.4 26.2 39.2

Manual Integrations

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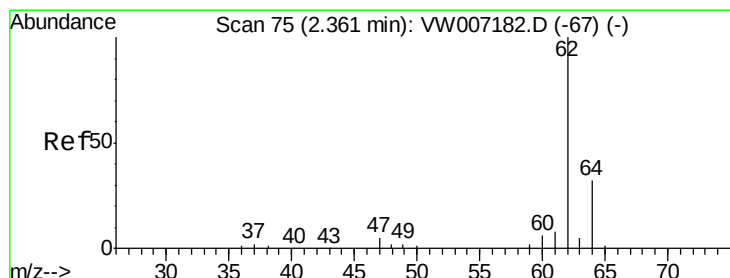
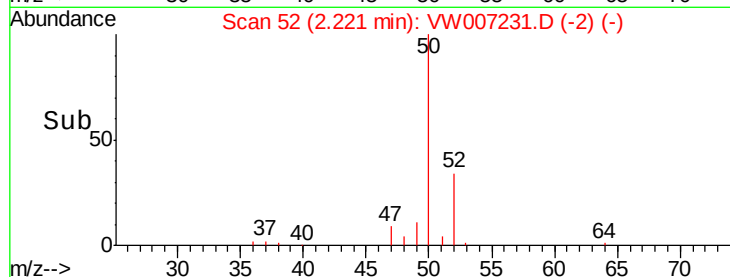
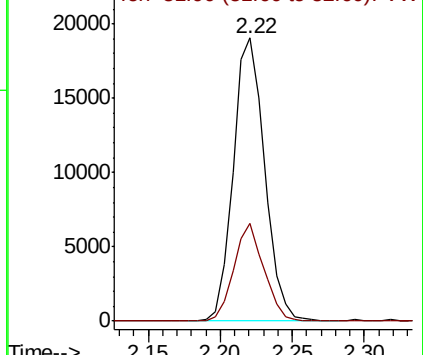
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.727 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007231.D

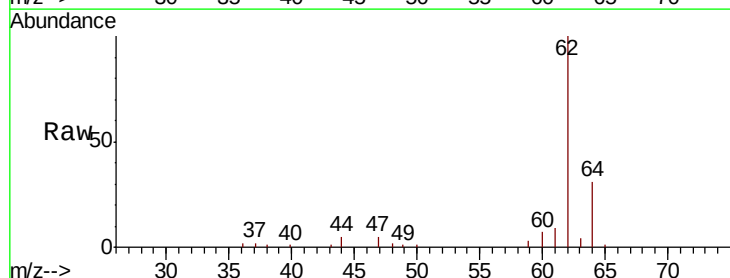
Acq: 05 Dec 2018 15:21

Tgt Ion: 62 Resp: 19781

Ion Ratio Lower Upper

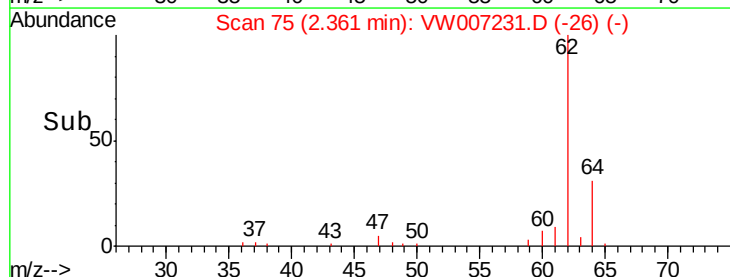
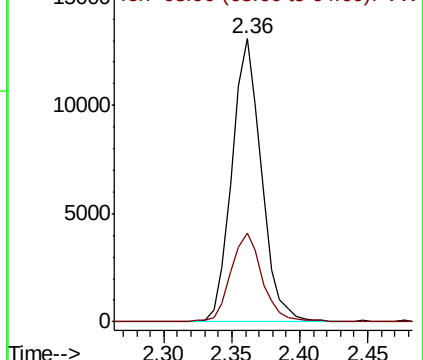
62 100

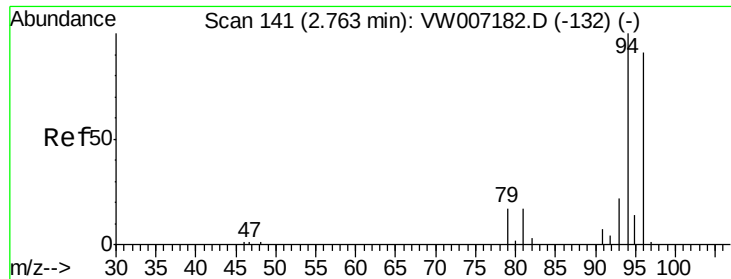
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 27.391 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 94 Resp: 12496

Ion Ratio Lower Upper

94 100

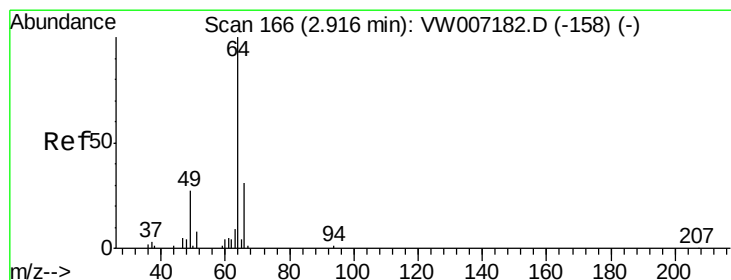
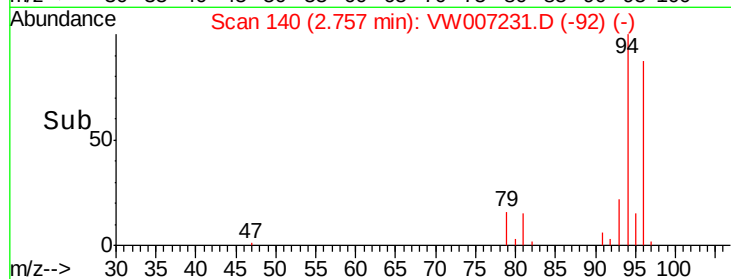
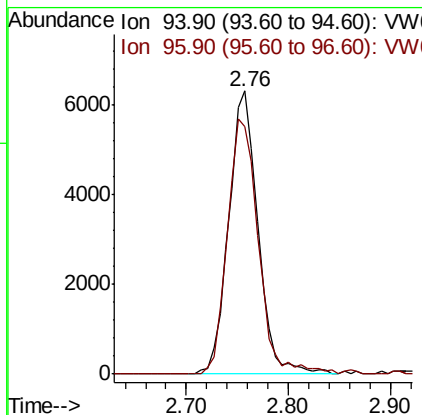
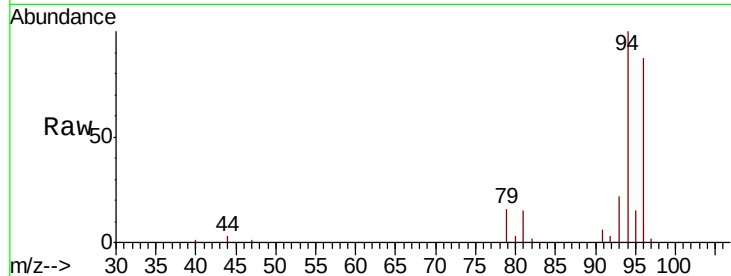
96 87.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 21.630 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007231.D

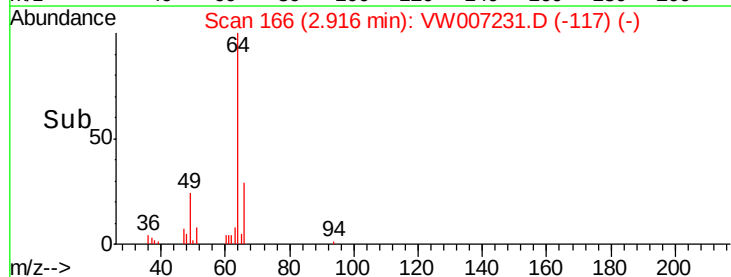
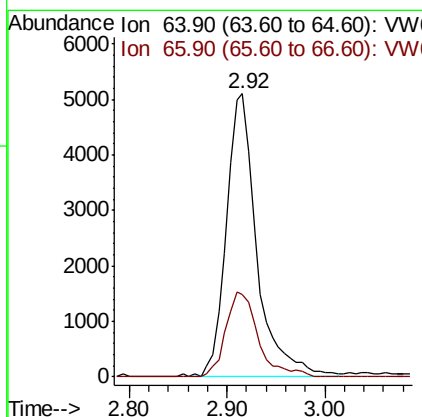
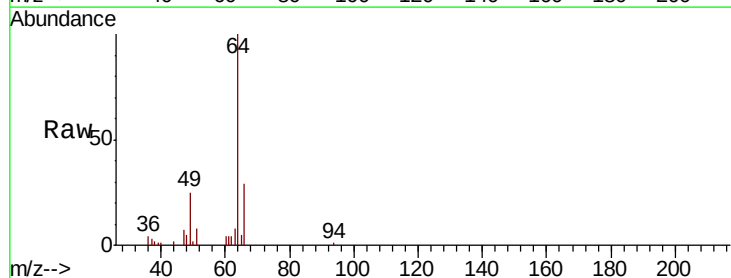
Acq: 05 Dec 2018 15:21

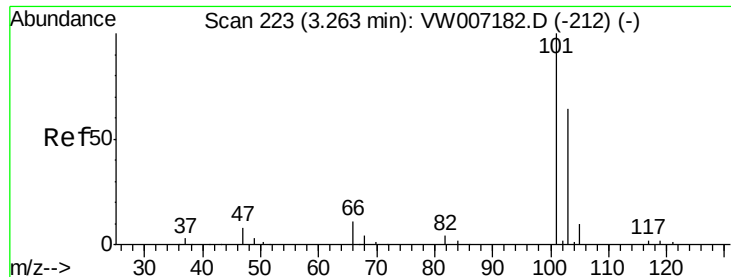
Tgt Ion: 64 Resp: 11049

Ion Ratio Lower Upper

64 100

66 29.3 25.0 37.6





#7

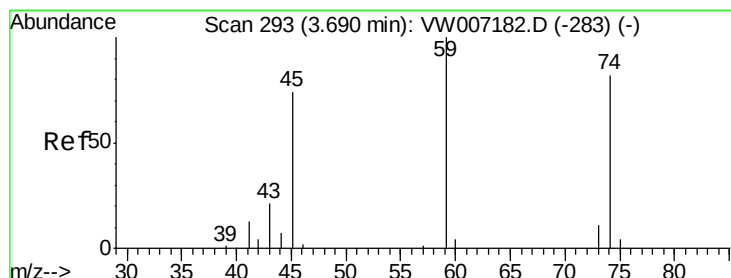
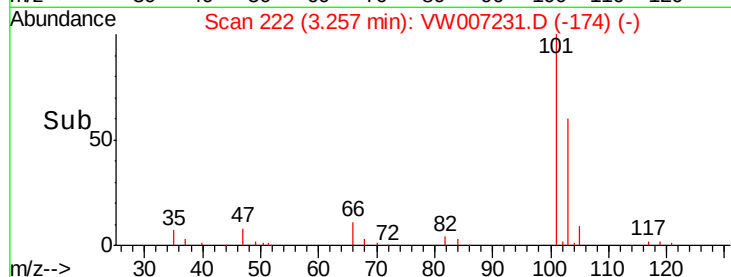
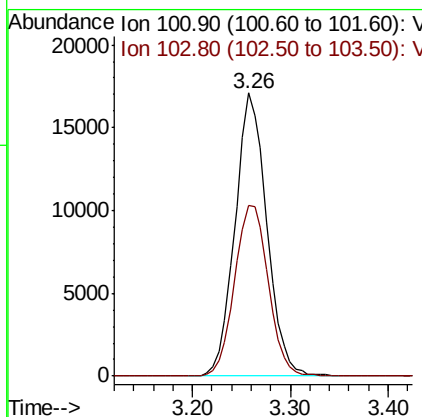
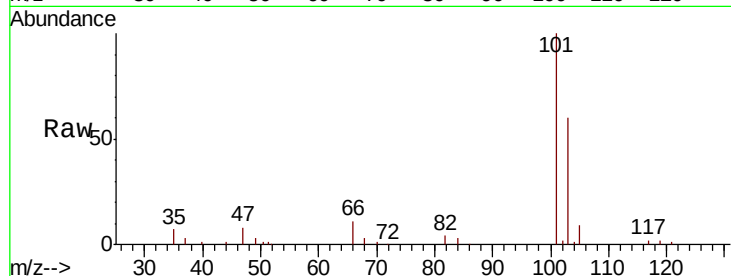
Trichlorofluoromethane
 Concen: 21.745 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

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 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.4	50.9	76.3

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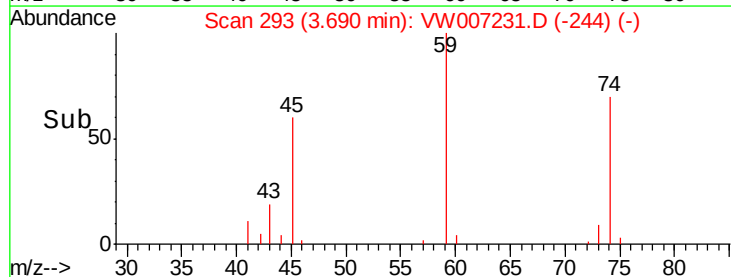
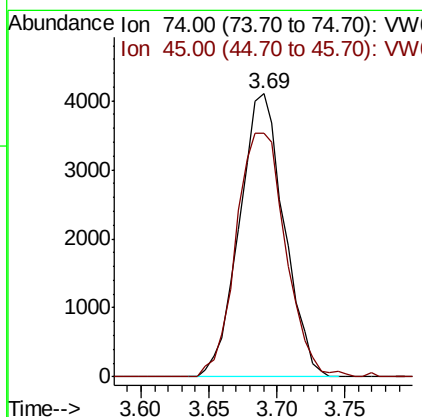
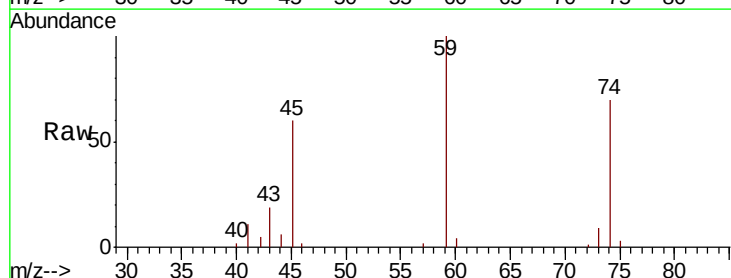
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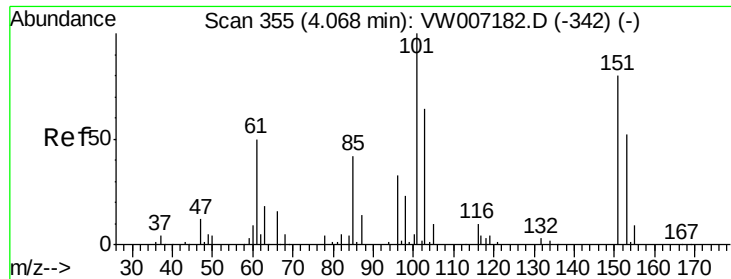


#8

Diethyl Ether
 Concen: 19.092 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.005 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

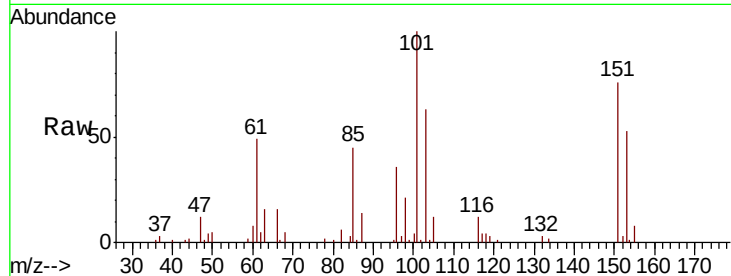
ClientSampleId :

VW1205SBS01

Tgt Ion:	101	Resp:	22523
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.4	50.2
151	80.9	63.9	95.9

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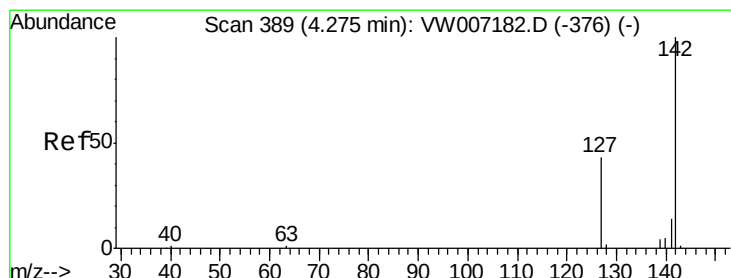
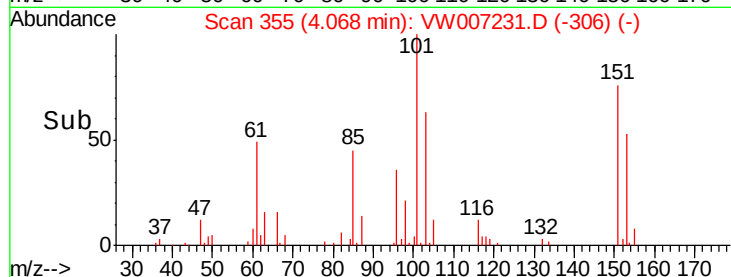
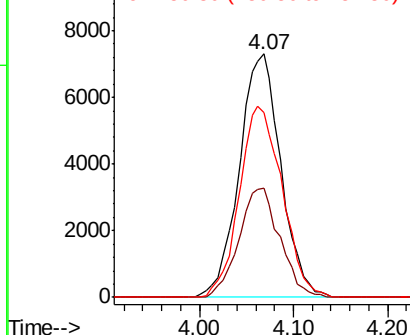


Abundance

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: 13.512 ug/l

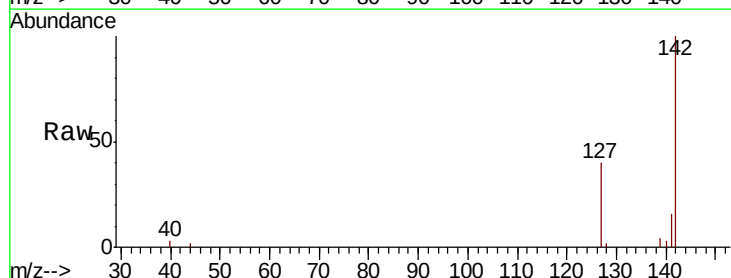
RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion:	142	Resp:	12342
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.9	52.3
141	13.5	11.7	17.5

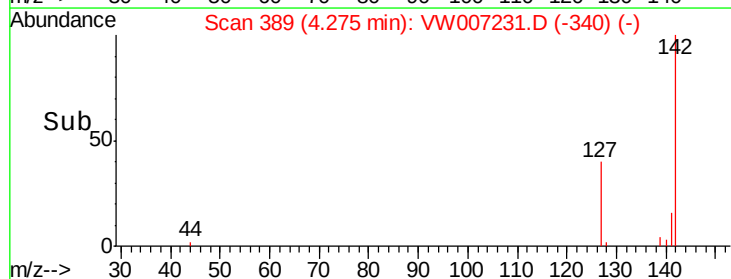
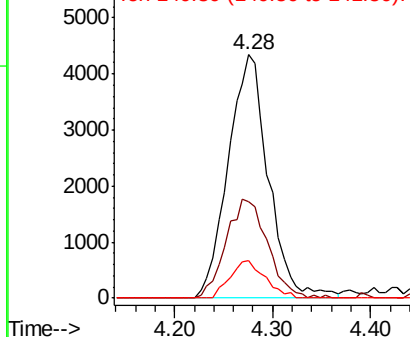


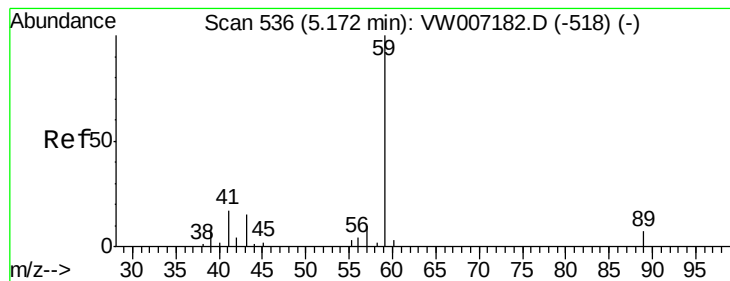
Abundance

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

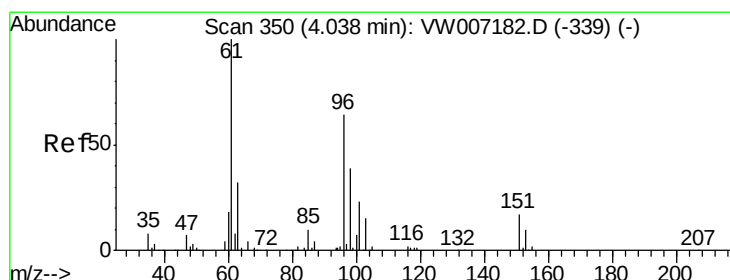
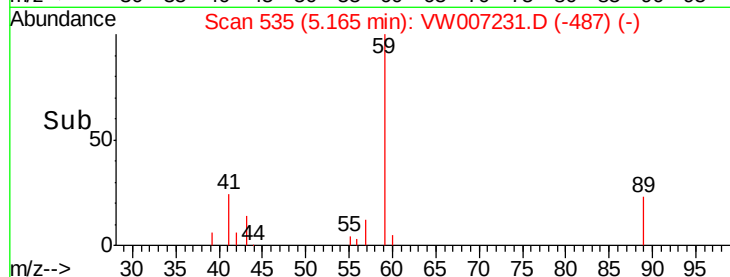
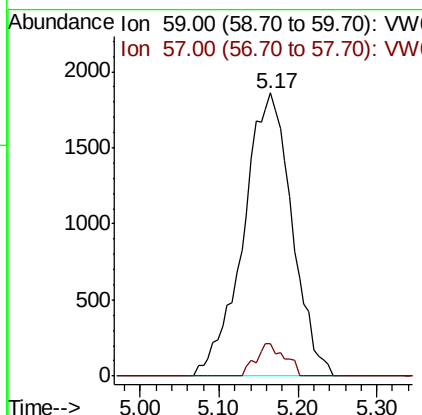
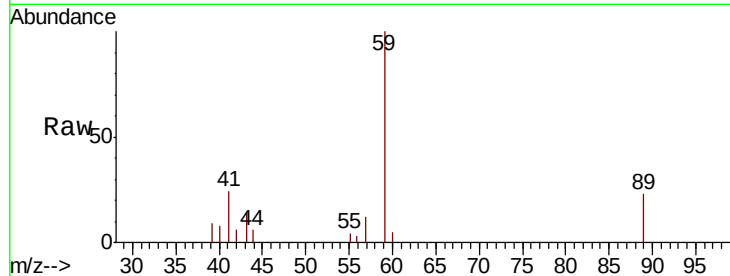
Tert butyl alcohol
 Concen: 71.683 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.1	10.7#

Manual Integrations
 APPROVED

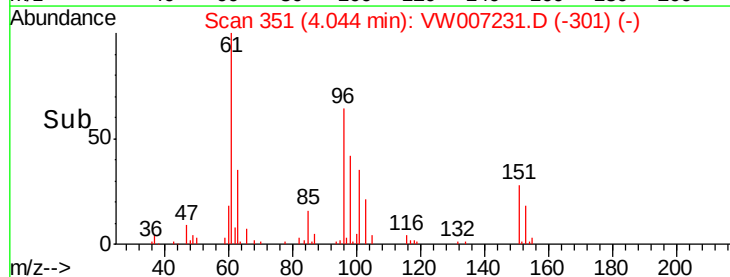
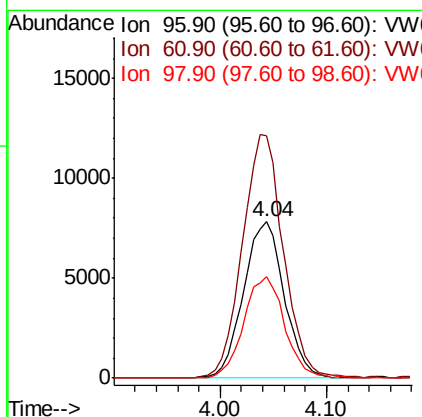
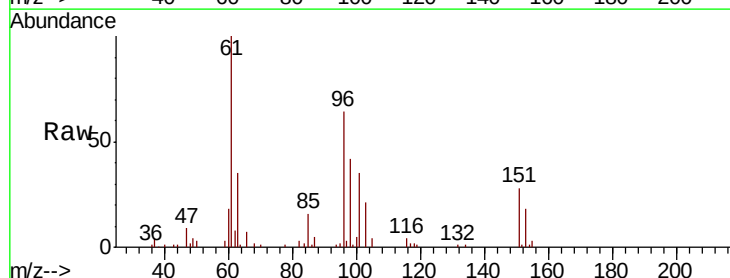
apatel
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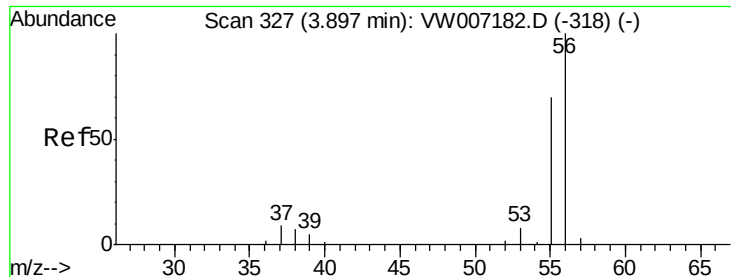


#12

1,1-Dichloroethene
 Concen: 20.894 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	124.1	186.1
98	64.7	48.6	72.8





#13

Acrolein

Concen: 91.302 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 56 Resp: 6251

Ion Ratio Lower Upper

56 100

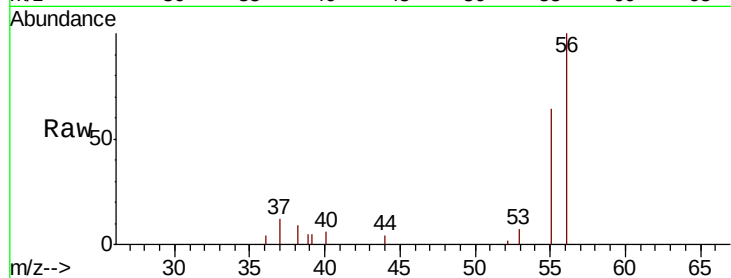
55 71.5 56.9 85.3

Manual Integrations

APPROVED

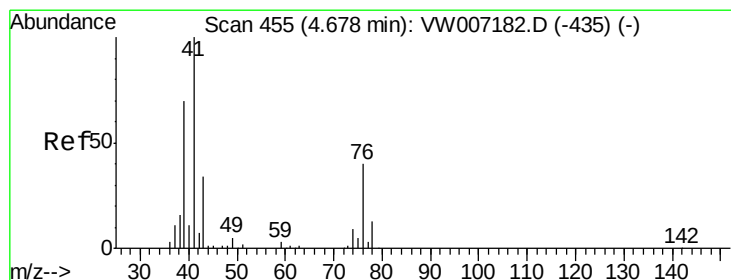
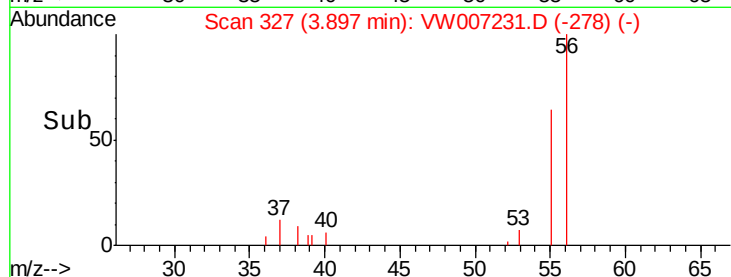
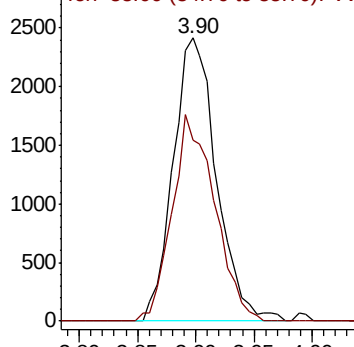
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.400 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

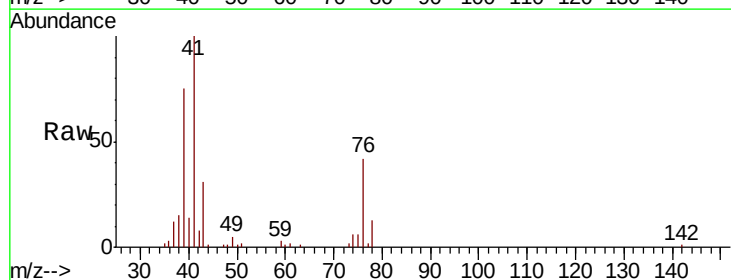
Tgt Ion: 41 Resp: 32857

Ion Ratio Lower Upper

41 100

39 70.8 55.9 83.9

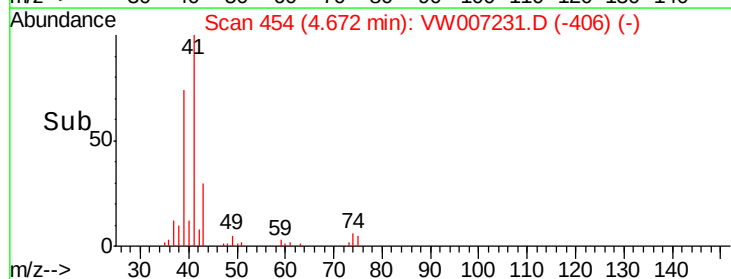
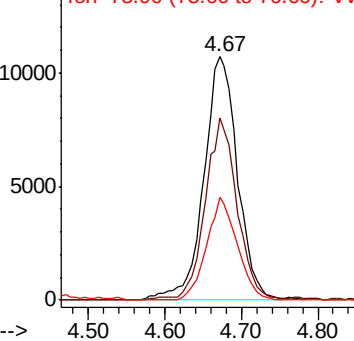
76 38.4 30.8 46.2

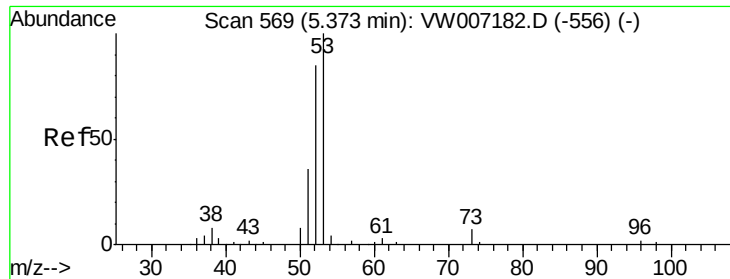


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 92.450 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

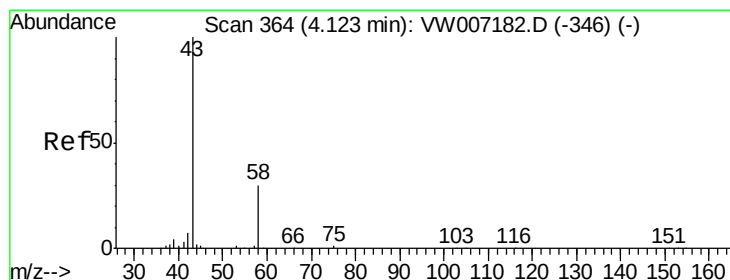
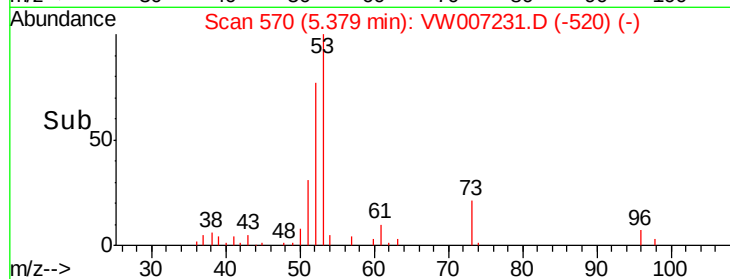
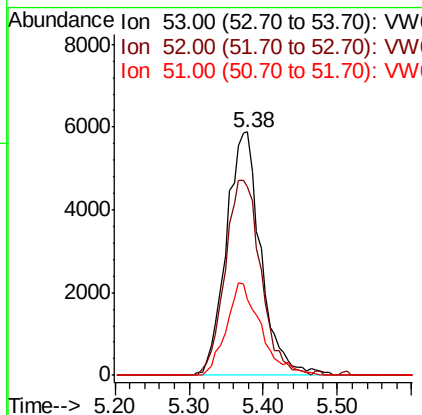
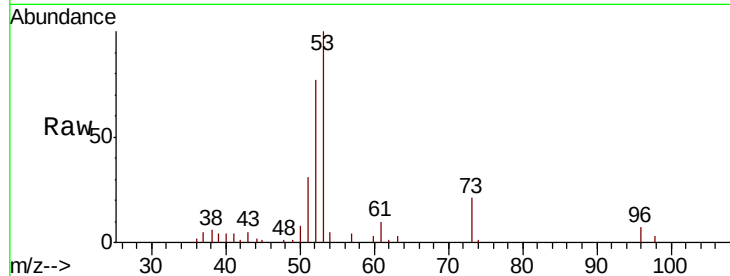
ClientSampleId :

VW1205SBS01

Tgt Ion:	53	Resp:	19122
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	37.9	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 87.560 ug/l

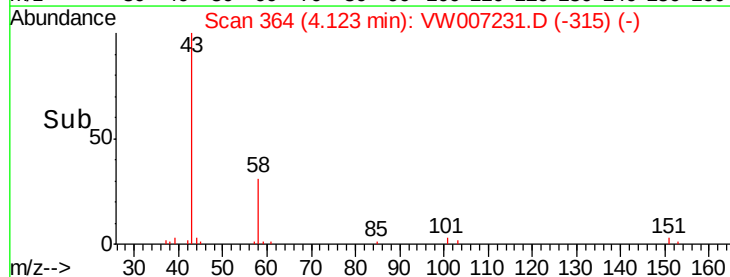
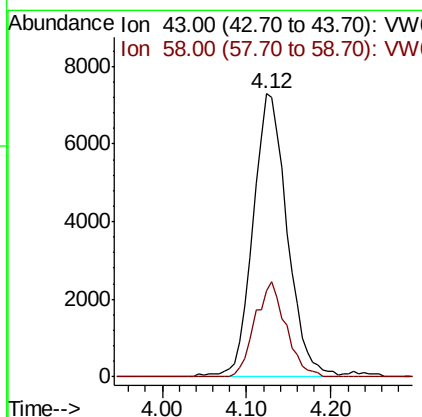
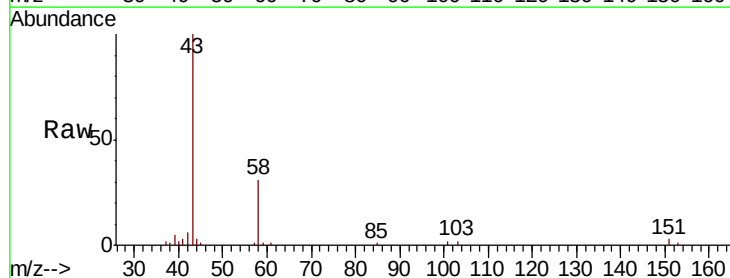
RT: 4.12 min Scan# 364

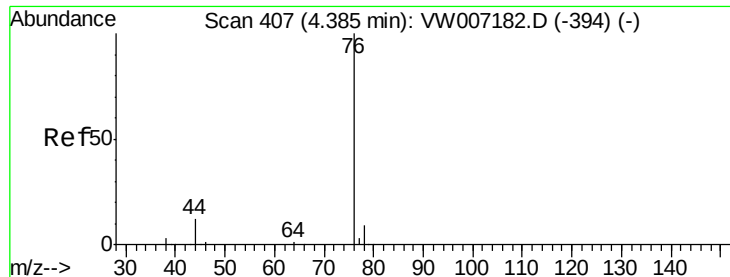
Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion:	43	Resp:	20254
Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.8	35.8





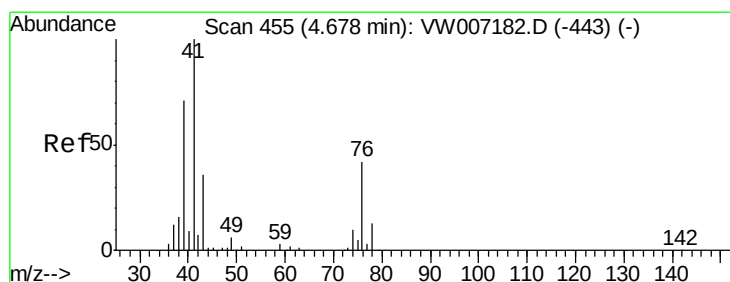
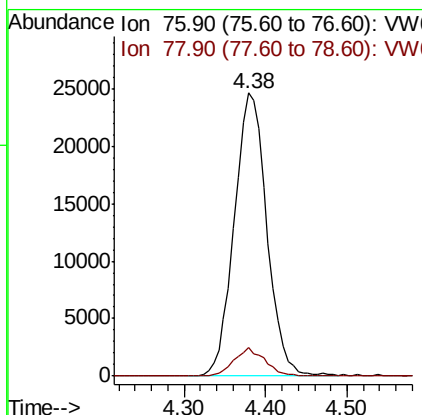
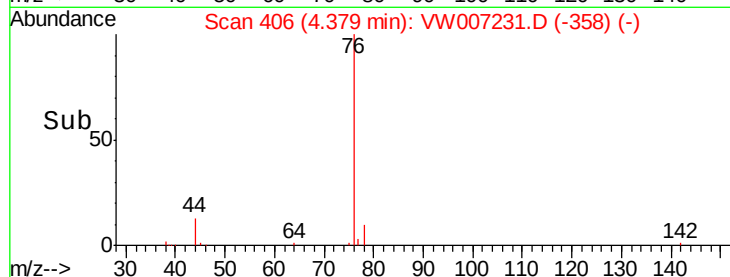
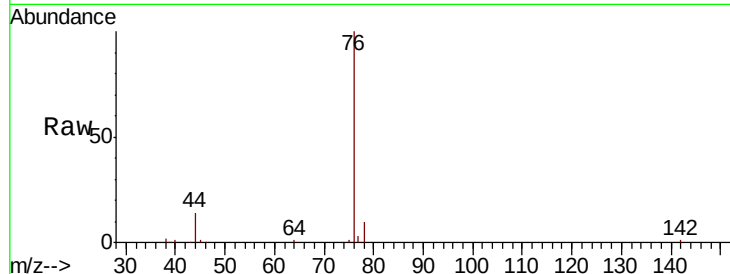
#17
Carbon Disulfide
Concen: 20.539 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 76 Resp: 68031
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

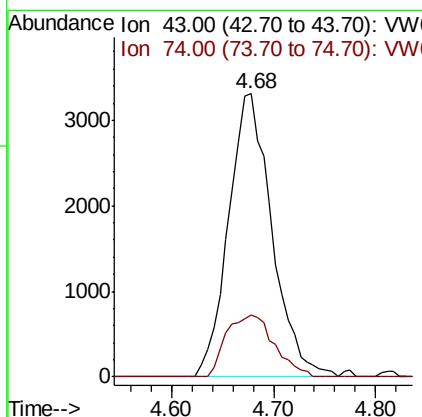
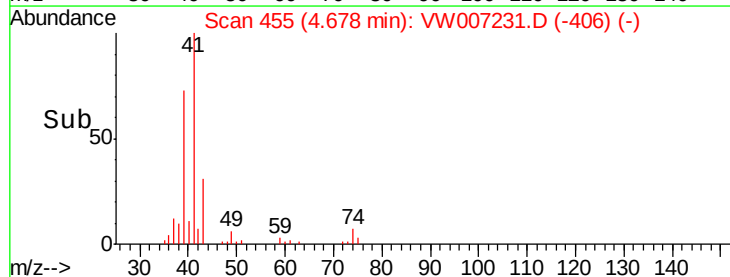
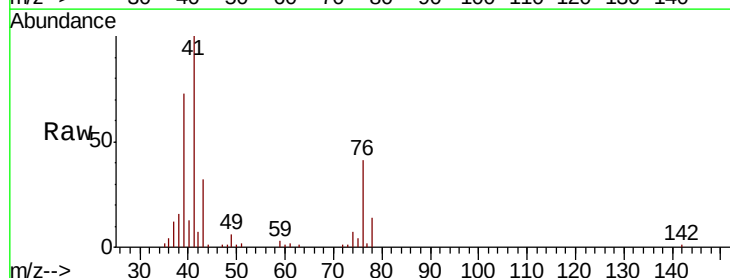
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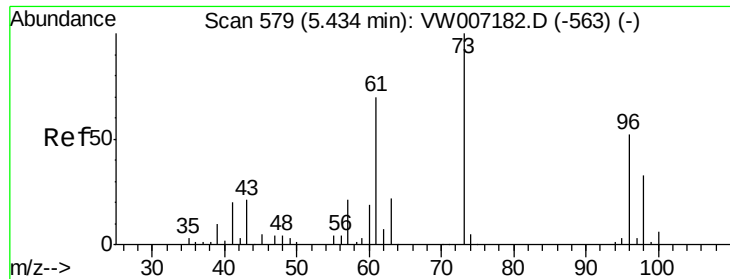
apatel
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#18
Methyl Acetate
Concen: 18.489 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 43 Resp: 9762
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1





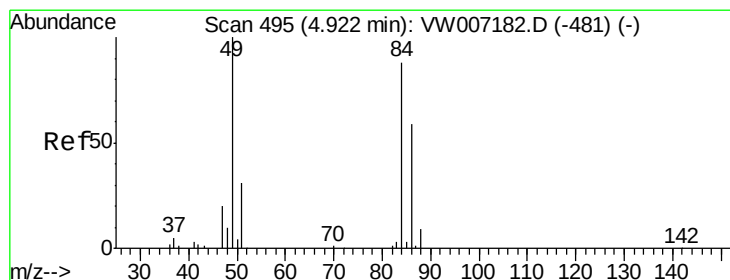
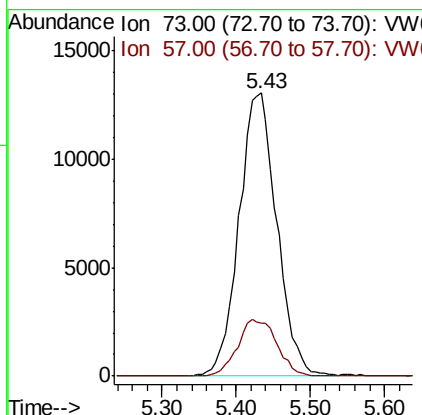
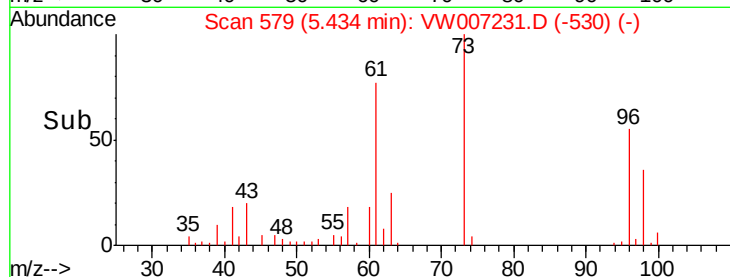
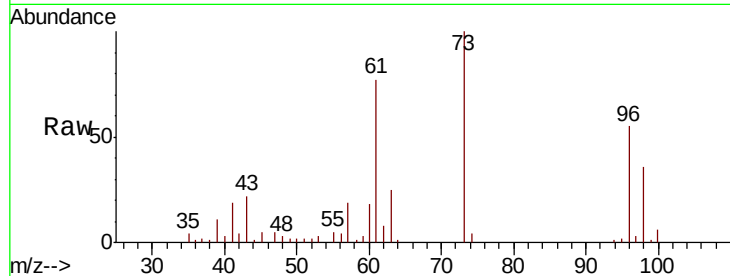
#19
Methyl tert-butyl Ether
Concen: 19.558 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 73 Resp: 46270
Ion Ratio Lower Upper
73 100
57 18.9 16.6 25.0

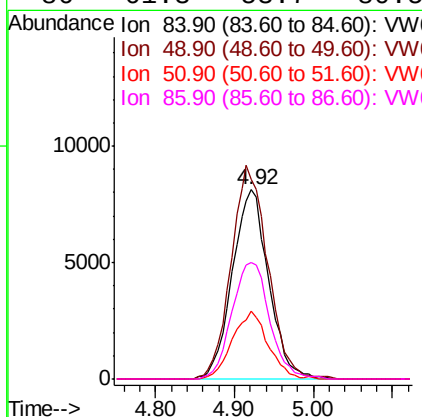
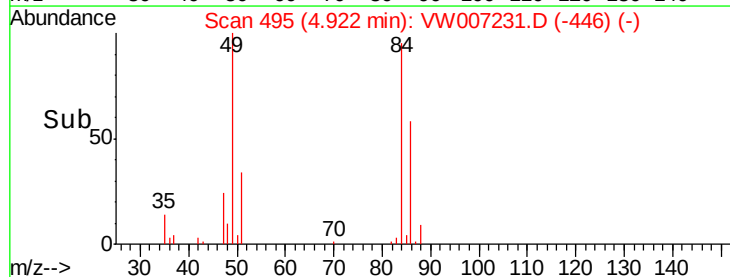
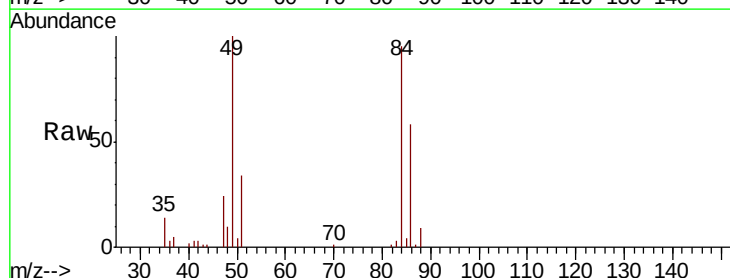
Manual Integrations
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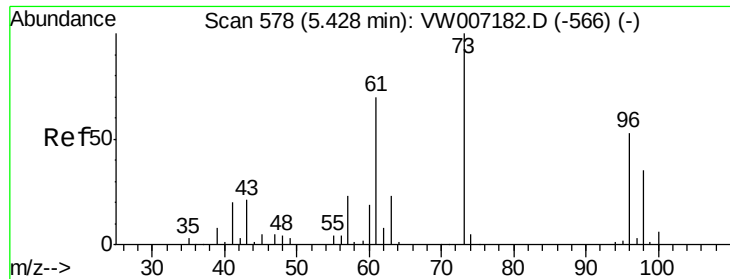
apatel
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#20
Methylene Chloride
Concen: 19.124 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 84 Resp: 26029
Ion Ratio Lower Upper
84 100
49 105.7 90.6 135.8
51 35.7 27.6 41.4
86 61.3 53.7 80.5





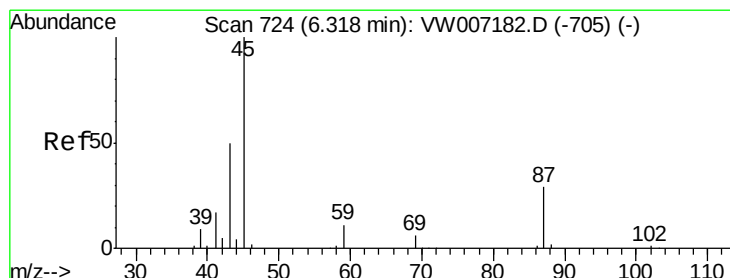
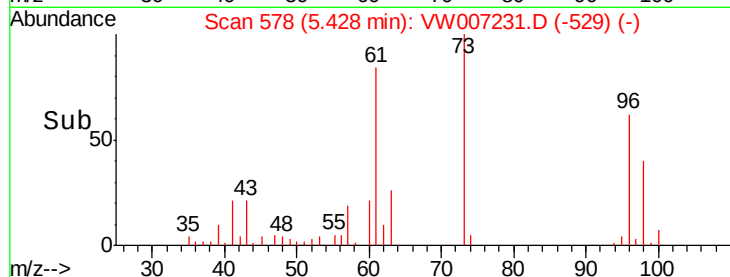
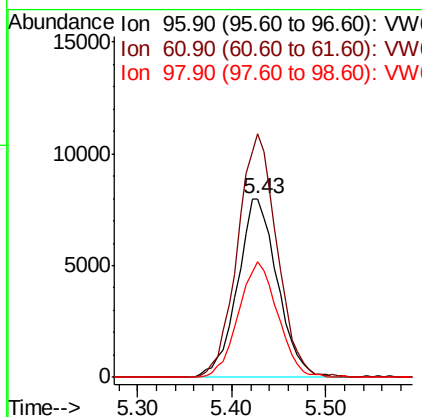
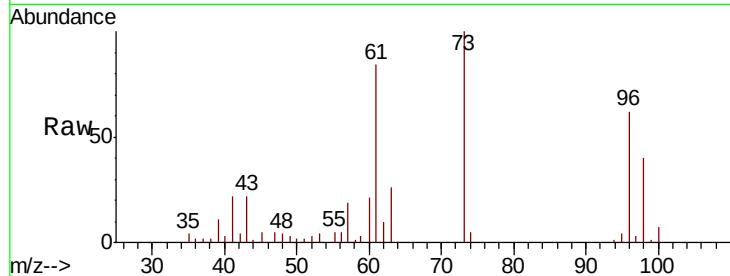
#21
trans-1,2-Dichloroethene
Concen: 21.070 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	105.5	158.3
98	64.6	52.6	79.0

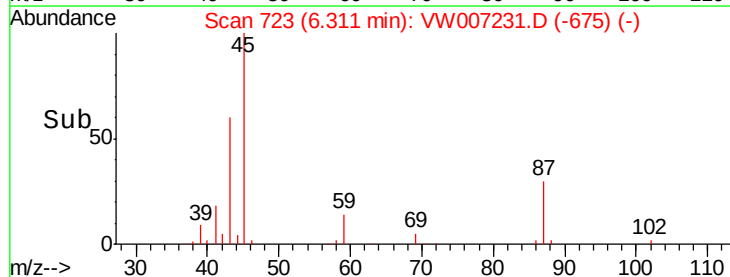
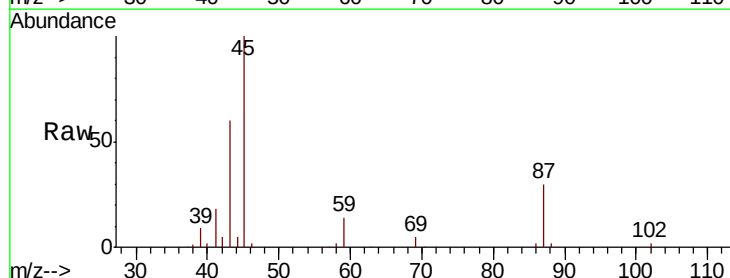
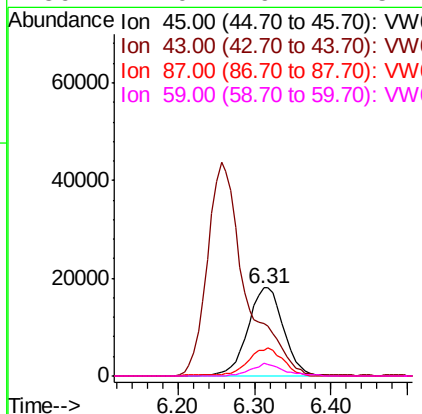
Manual Integrations
APPROVED

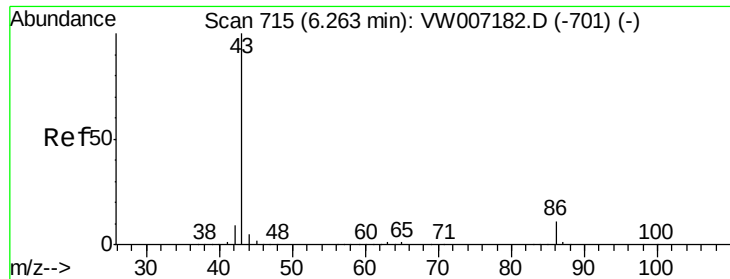
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#22
Diisopropyl ether
Concen: 20.401 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.5	40.8	61.2
87	29.6	24.0	36.0
59	14.0	9.1	13.7





#23

Vinyl Acetate

Concen: 95.908 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 43 Resp: 151313

Ion Ratio Lower Upper

43 100

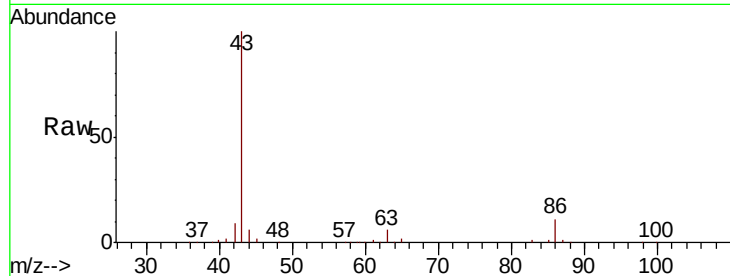
86 11.2 9.0 13.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

50000

40000

30000

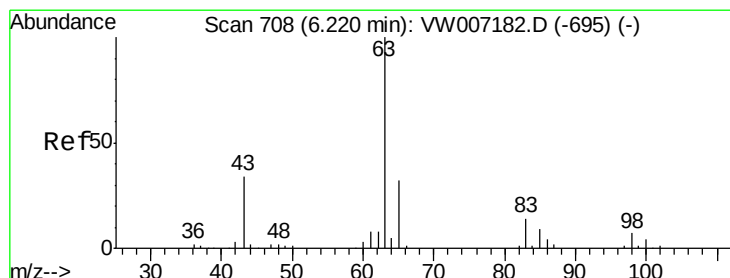
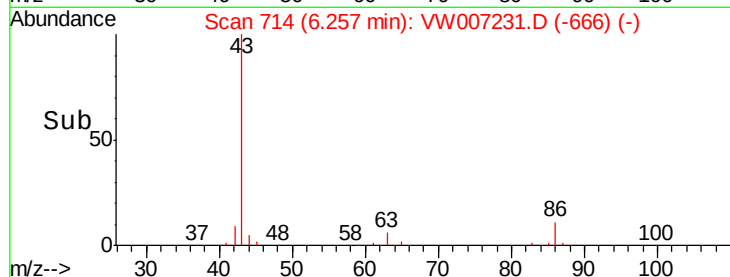
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.959 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

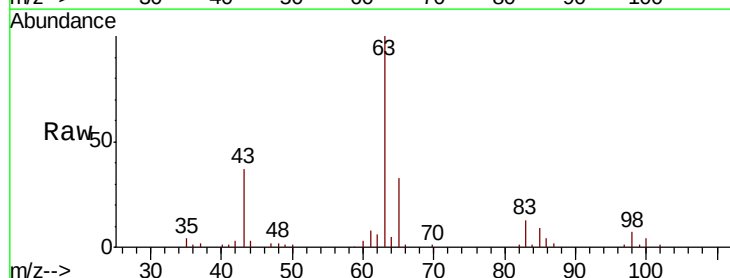
Tgt Ion: 63 Resp: 38842

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

15000

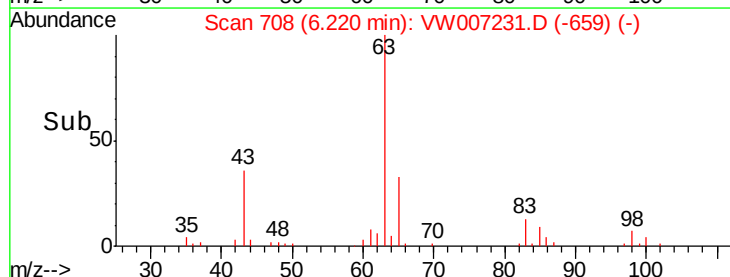
10000

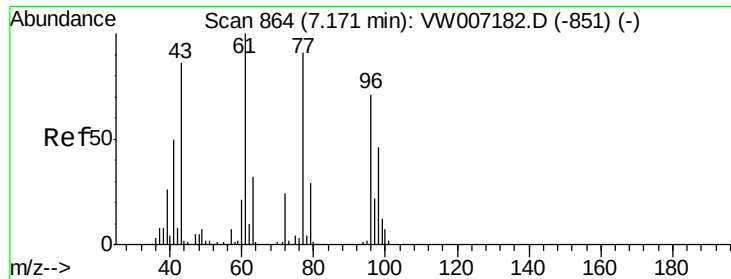
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 84.508 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 43 Resp: 22660

Ion Ratio Lower Upper

43 100

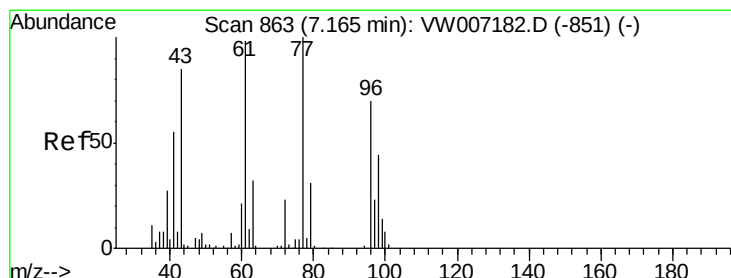
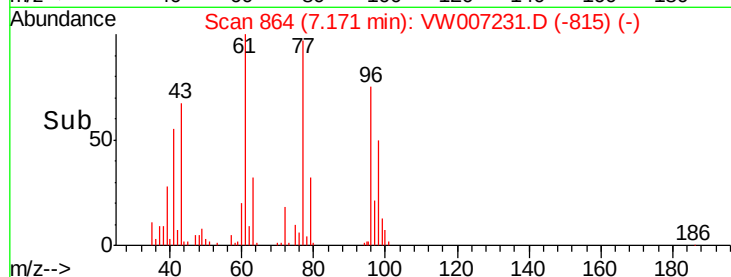
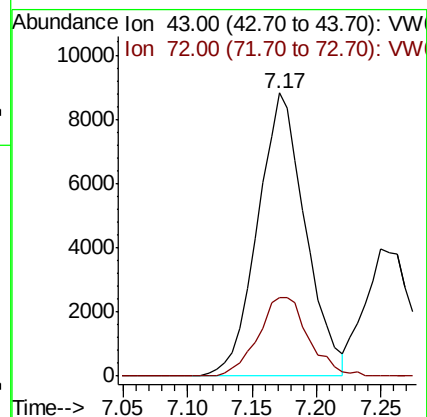
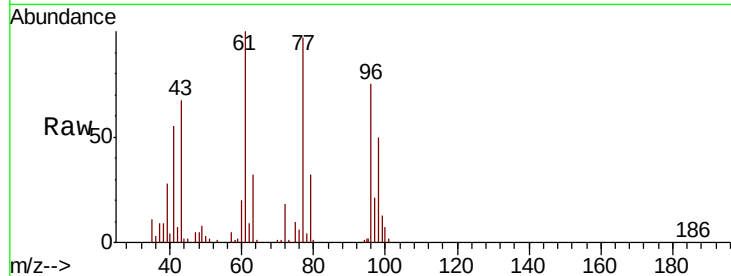
72 27.7 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.085 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007231.D

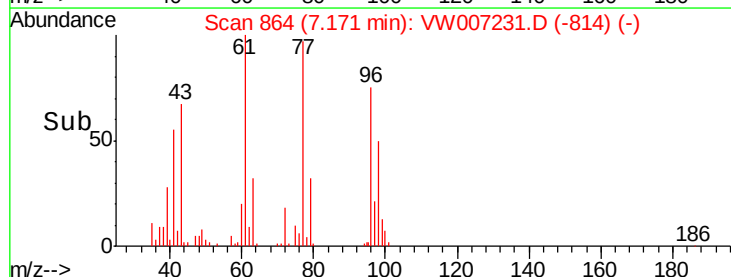
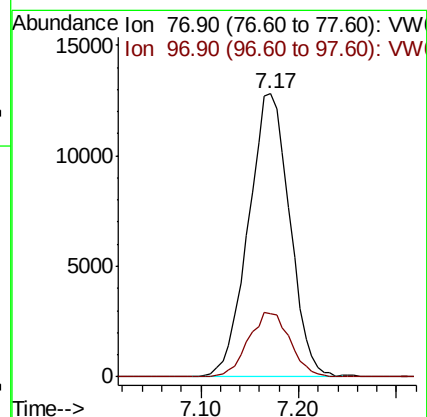
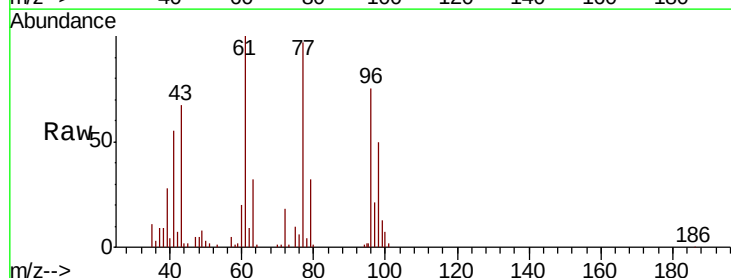
Acq: 05 Dec 2018 15:21

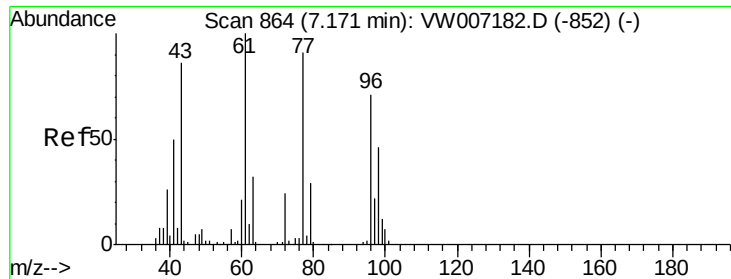
Tgt Ion: 77 Resp: 37551

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

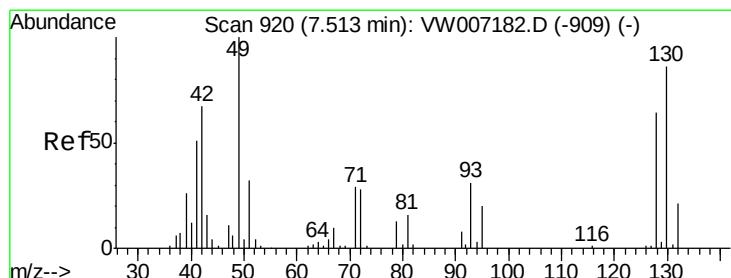
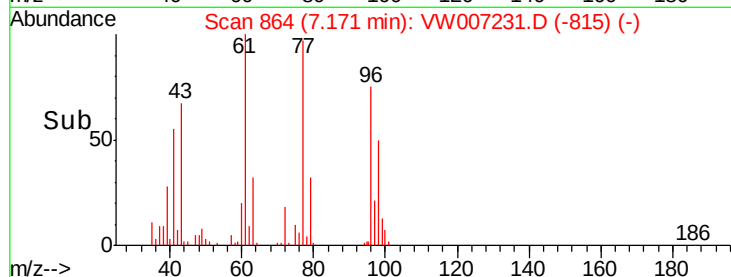
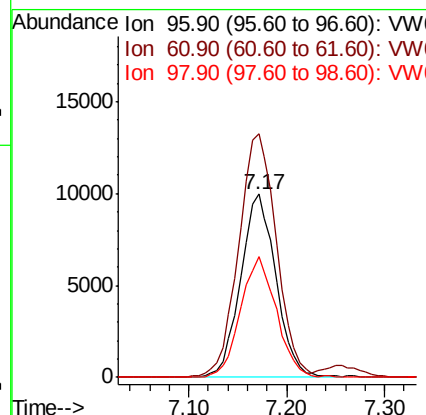
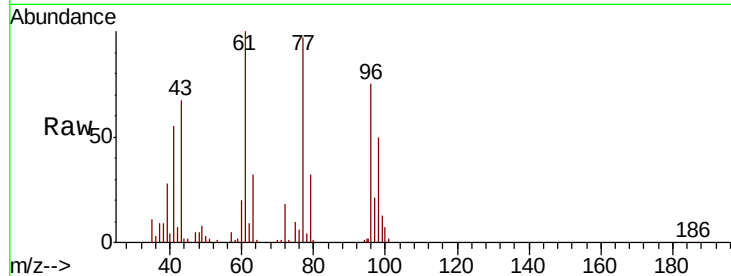
cis-1,2-Dichloroethene
Concen: 20.822 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	25045		
61	141.9	0.0	282.4	
98	66.5	0.0	129.8	

Manual Integrations
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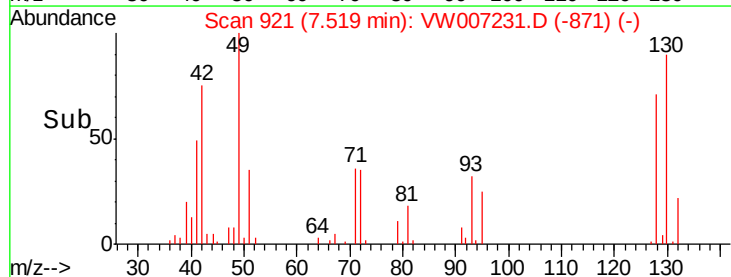
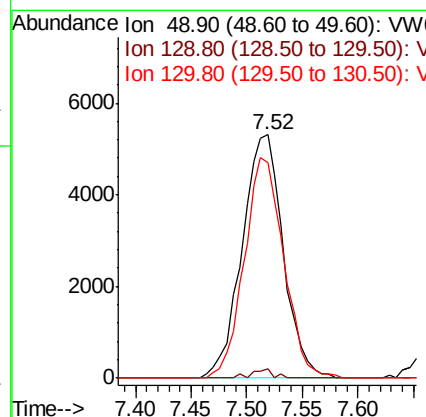
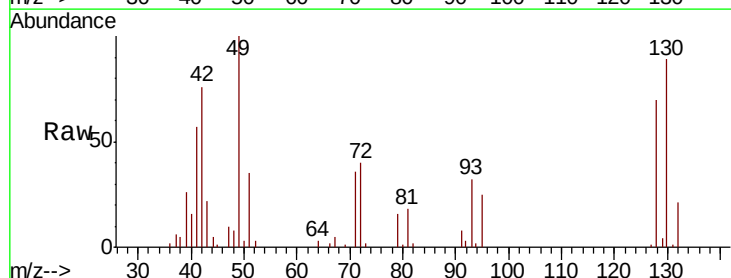
apatel
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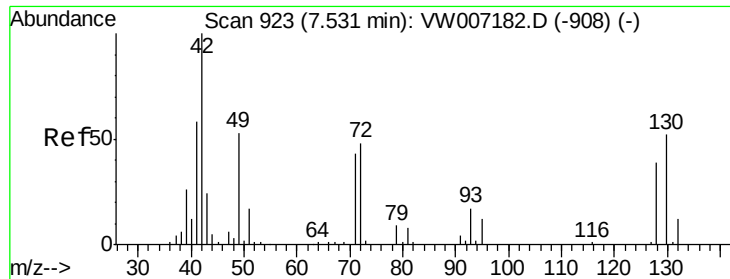


#28

Bromochloromethane
Concen: 20.383 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13621		
129	1.8	0.0	3.8	
130	87.0	70.3	105.5	





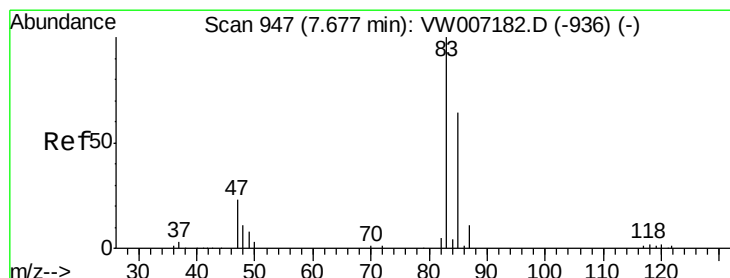
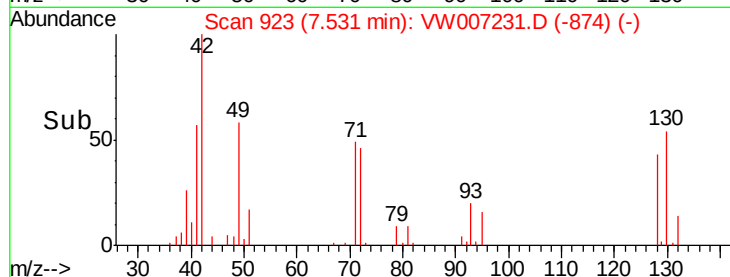
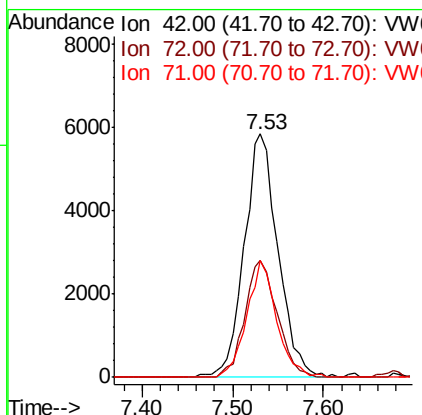
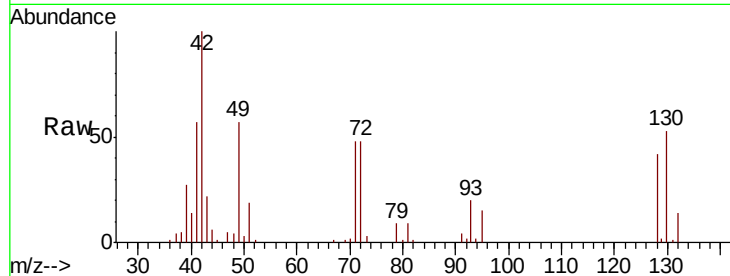
#29
Tetrahydrofuran
Concen: 91.183 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.6	55.0
71	42.1	34.8	52.2

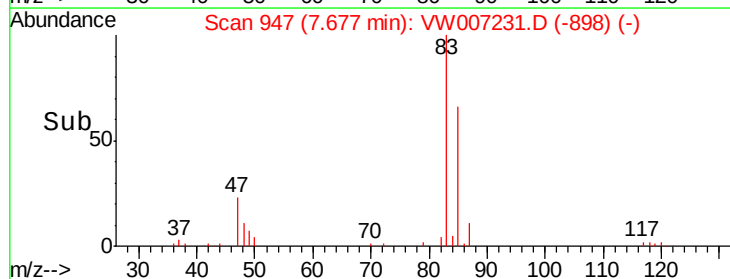
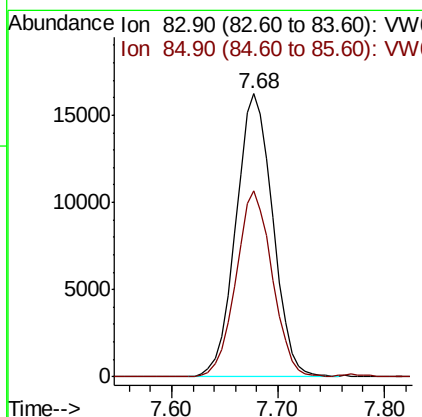
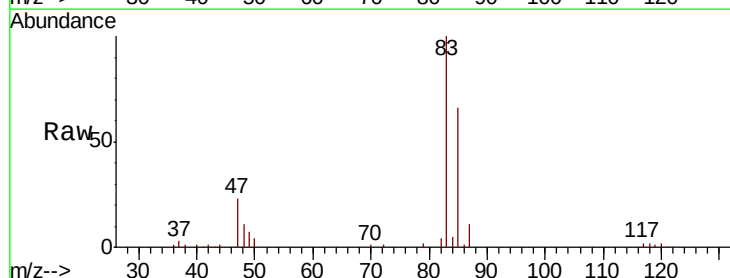
Manual Integrations
APPROVED

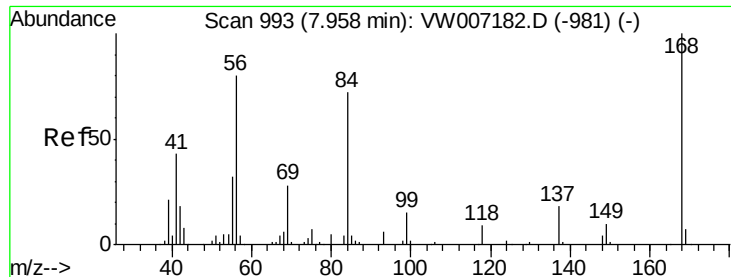
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#30
Chloroform
Concen: 20.464 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.5	77.3





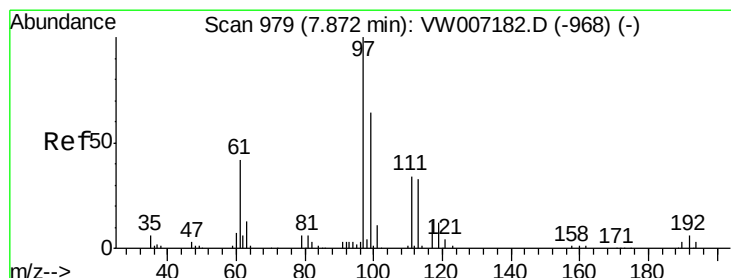
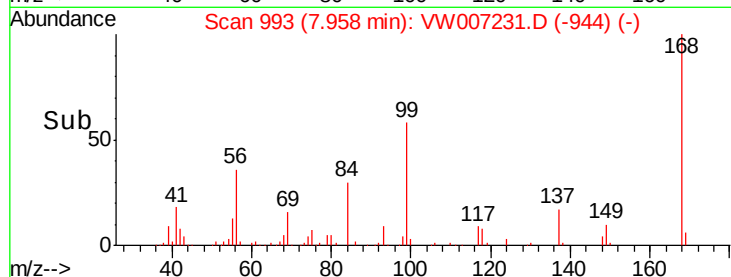
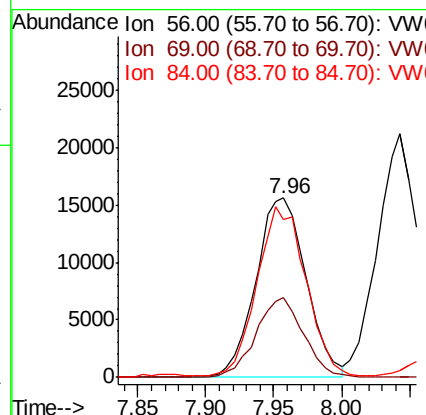
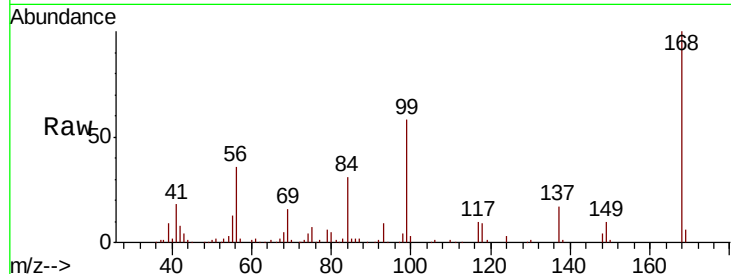
#31
Cyclohexane
Concen: 20.802 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	44.2	28.2	42.2#
84	86.9	72.1	108.1

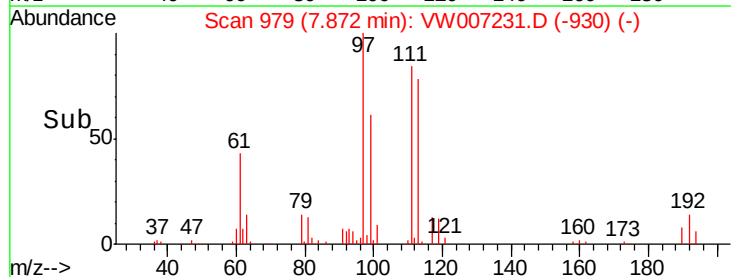
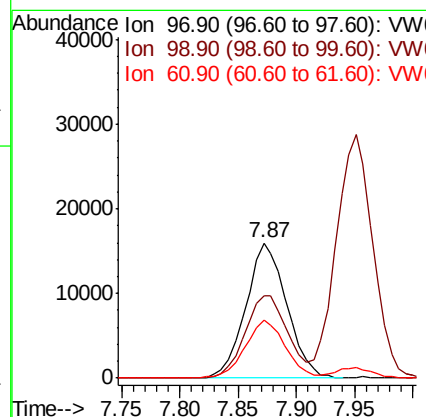
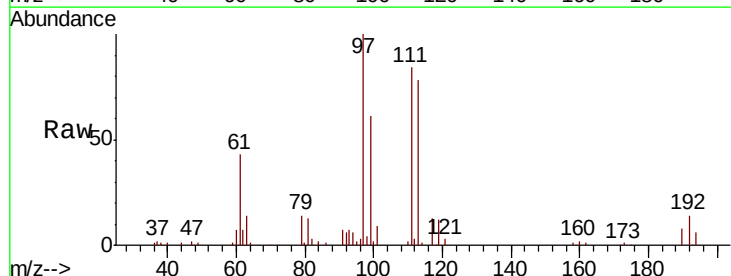
Manual Integrations
APPROVED

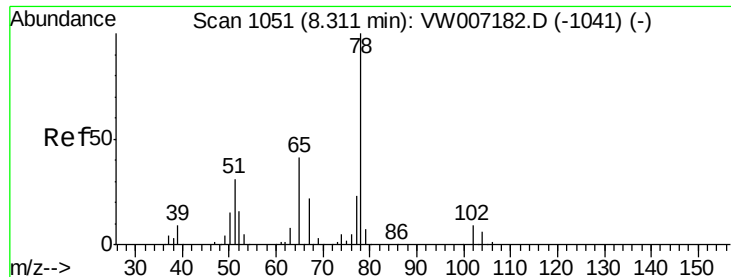
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#32
1,1,1-Trichloroethane
Concen: 21.483 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	42.4	33.2	49.8





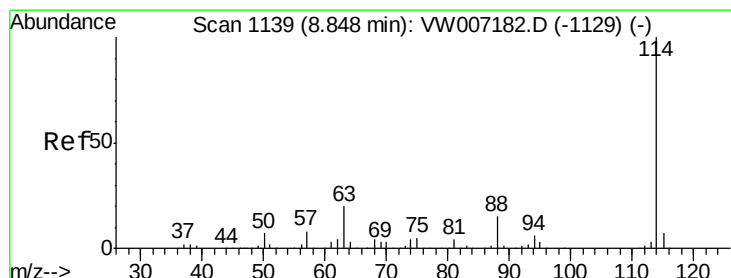
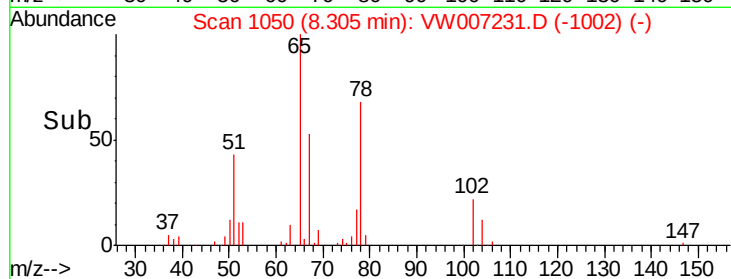
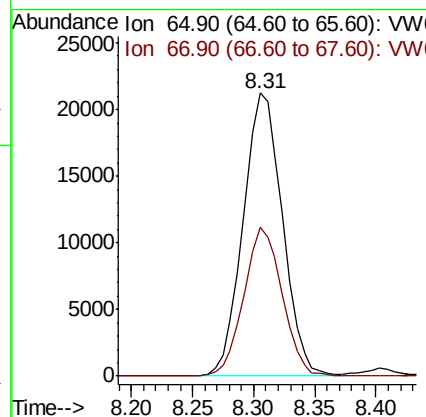
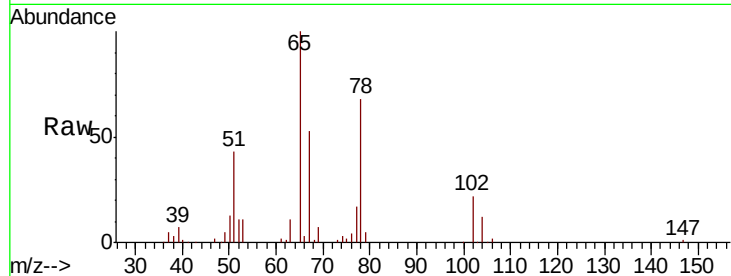
#33
 1,2-Dichloroethane-d4
 Concen: 48.733 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	47617		
67	51.1	0.0	106.4	

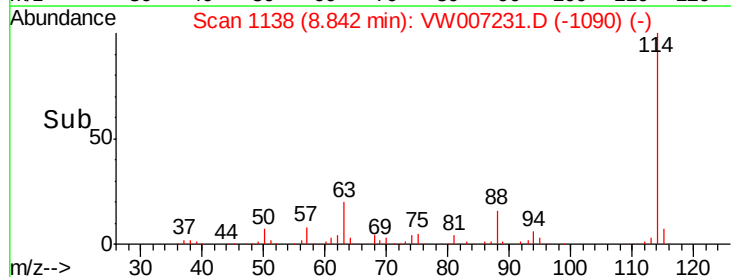
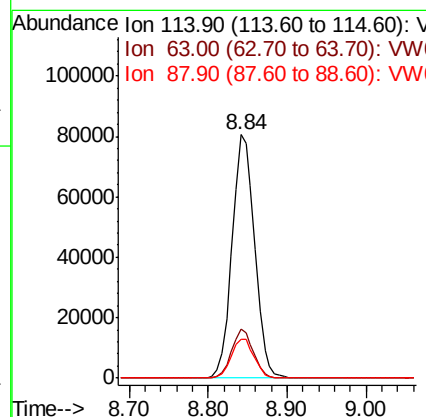
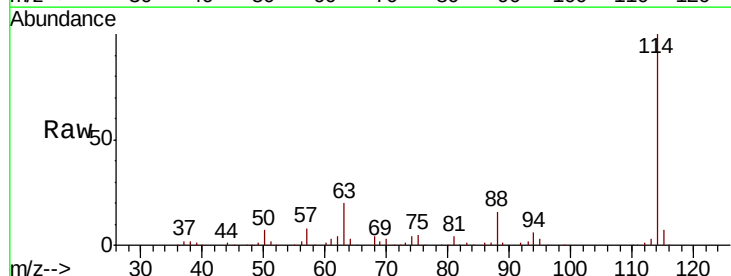
Manual Integrations
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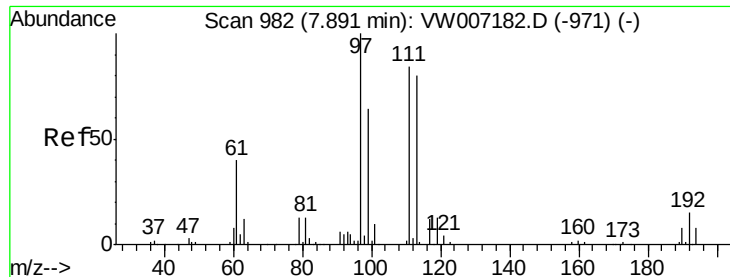
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	160298		
63	19.9	0.0	40.2	
88	15.7	0.0	30.0	





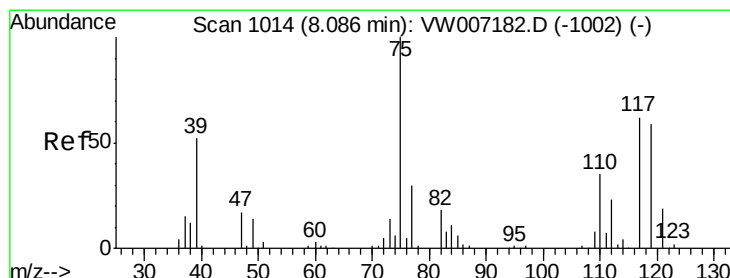
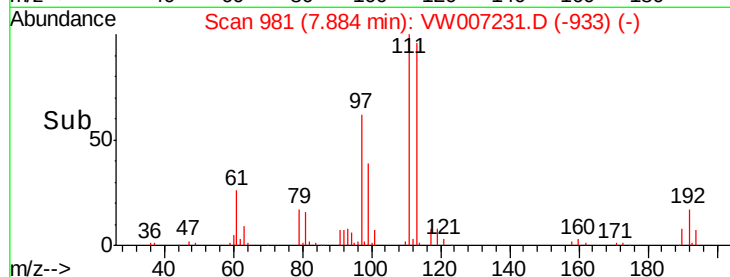
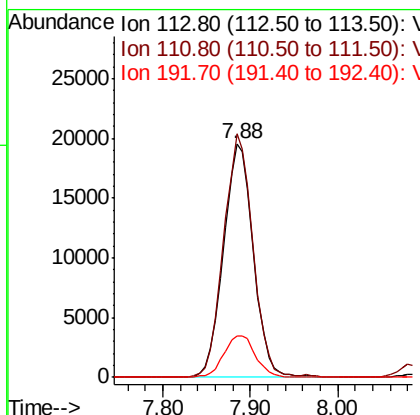
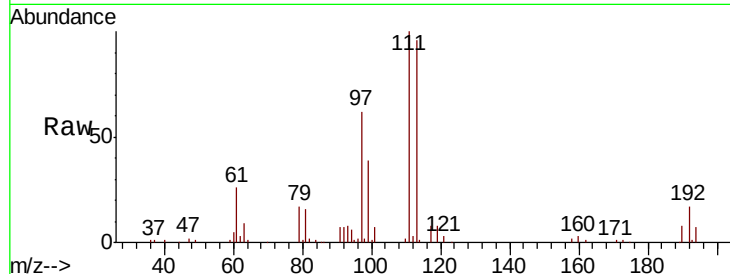
#35
 Dibromofluoromethane
 Concen: 50.328 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	46194		
111	102.9	82.2	123.4	
192	18.9	14.4	21.6	

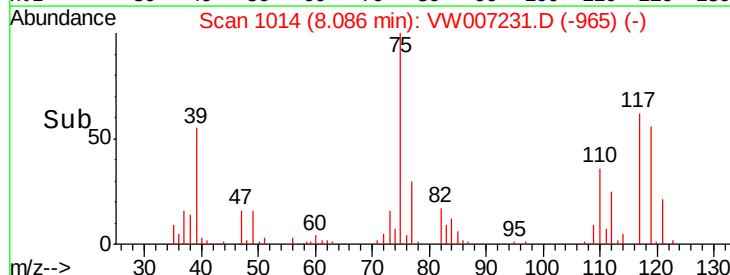
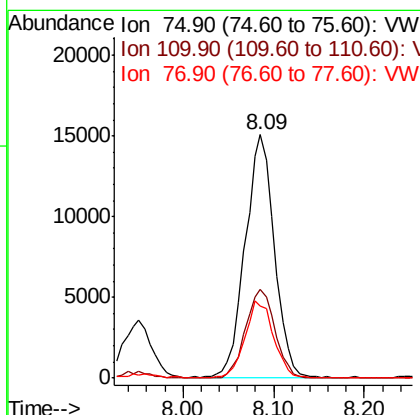
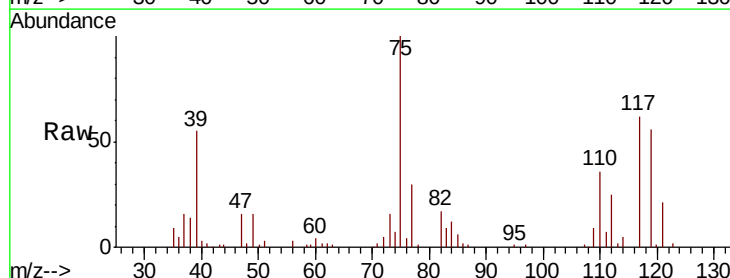
Manual Integrations
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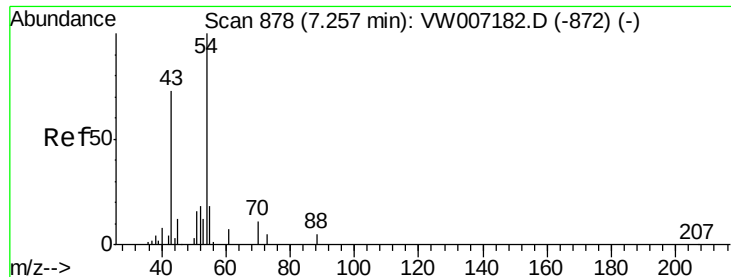
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#36
 1,1-Dichloropropene
 Concen: 21.672 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33803		
110	36.4	18.3	54.9	
77	31.1	24.9	37.3	





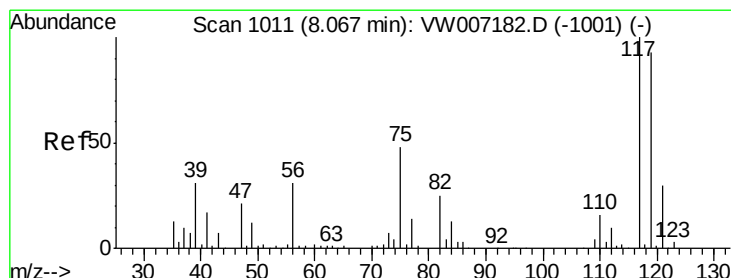
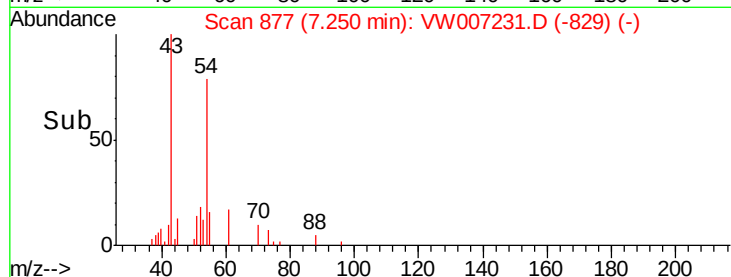
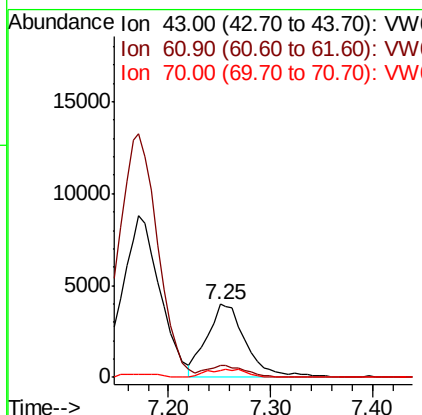
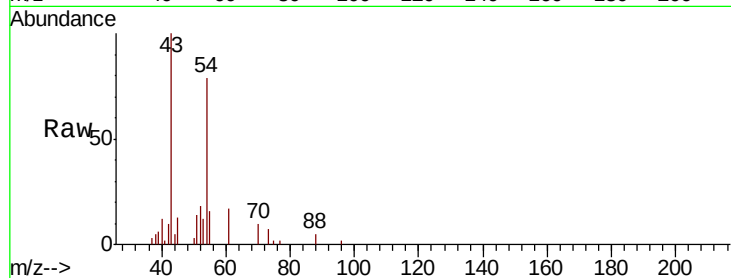
#37
Ethyl Acetate
Concen: 18.774 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	10.7	9.1	13.7

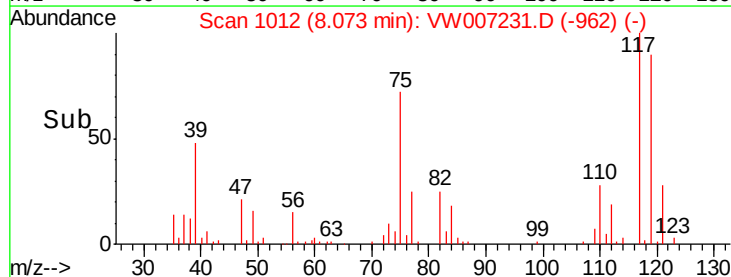
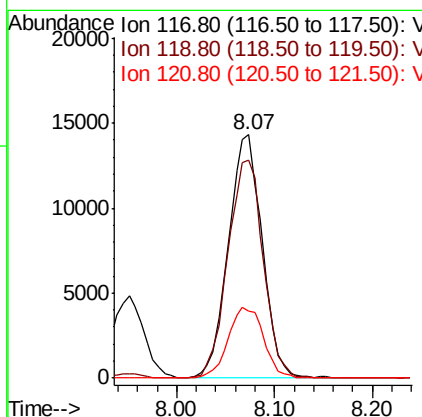
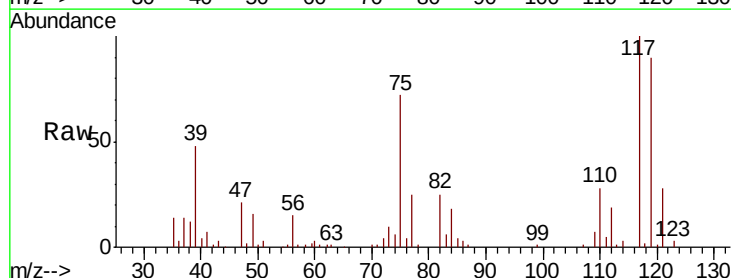
Manual Integrations
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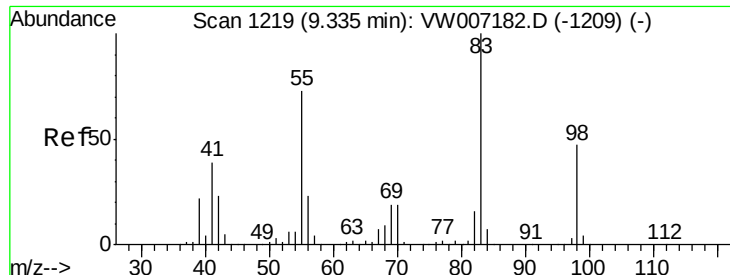
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#38
Carbon Tetrachloride
Concen: 21.608 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.7	74.1	111.1
121	27.7	23.9	35.9





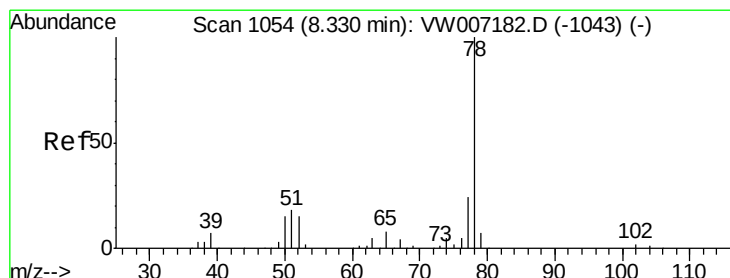
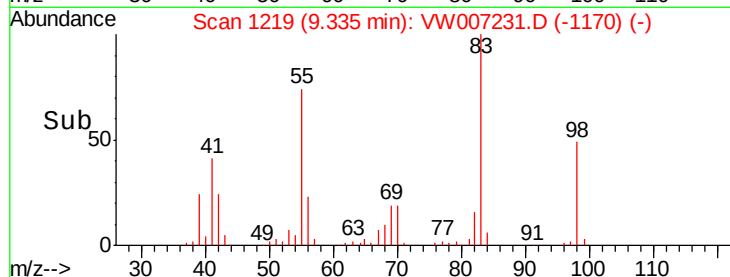
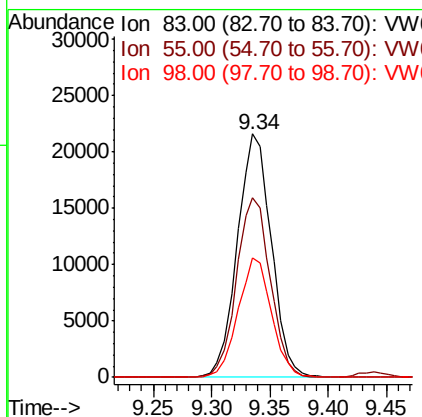
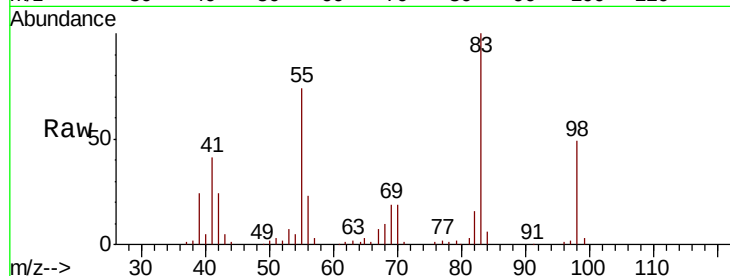
#39
Methylcyclohexane
Concen: 21.031 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.1	87.1
98	49.2	37.3	55.9

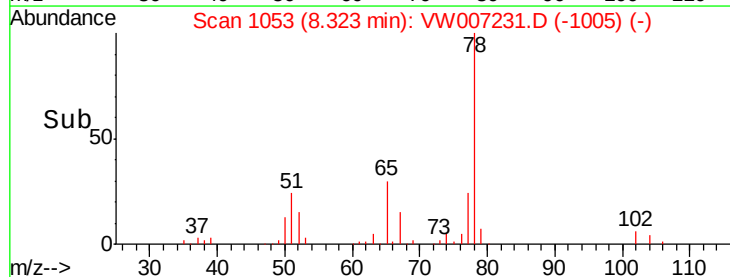
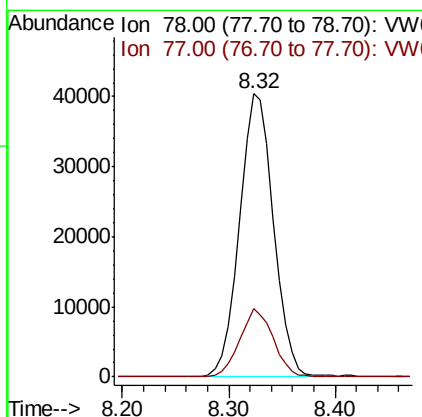
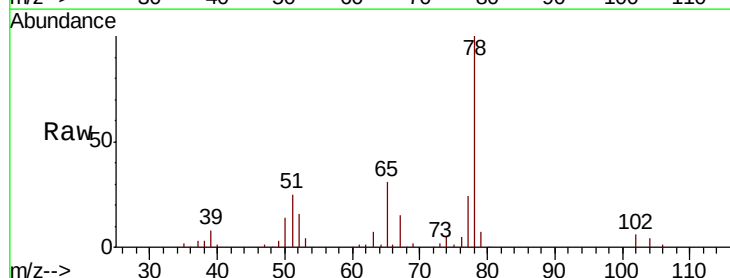
Manual Integrations
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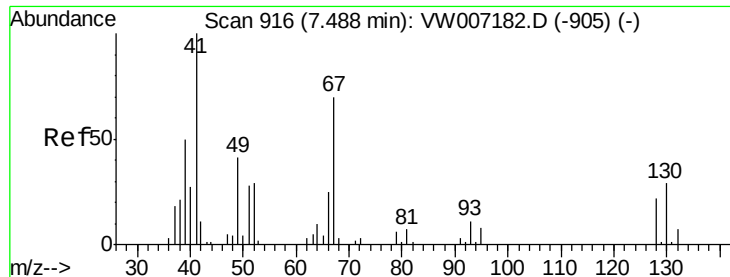
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#40
Benzene
Concen: 21.201 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





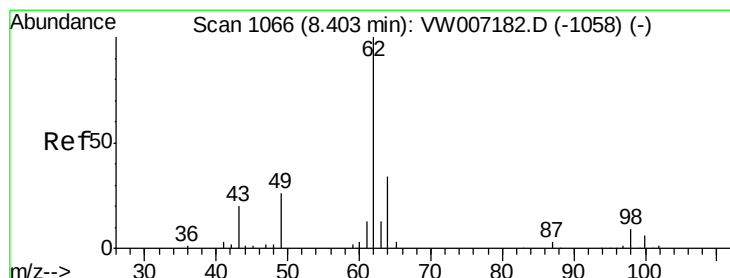
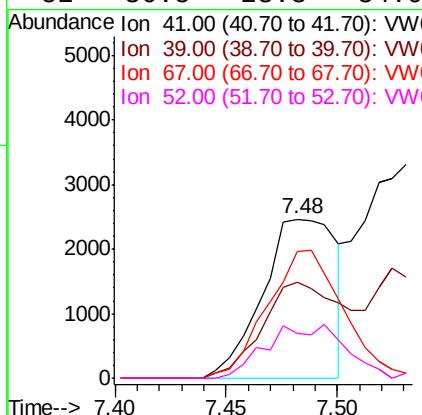
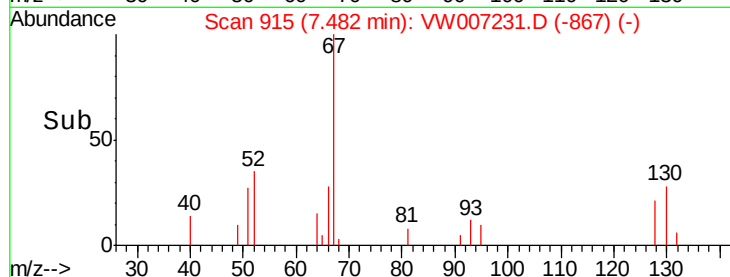
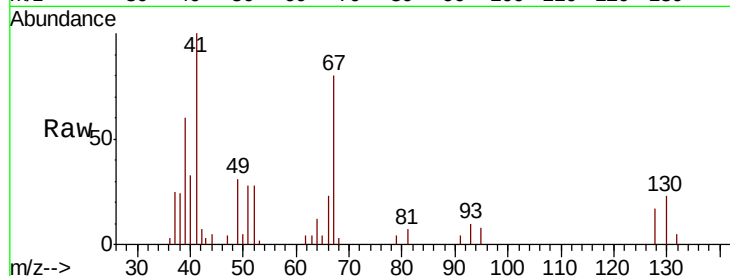
#41
Methacrylonitrile
Concen: 16.760 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion:	41	Resp:	5664
Ion	Ratio	Lower	Upper
41	100		
39	64.7	43.4	65.0
67	82.7	57.4	86.0
52	36.5	23.3	34.9#

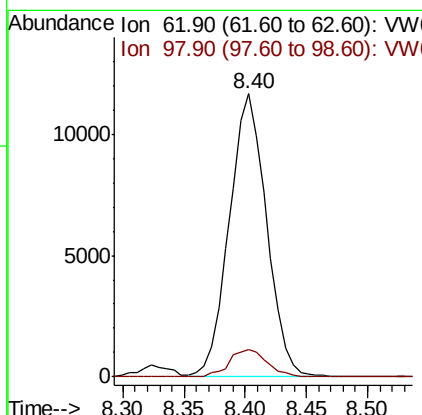
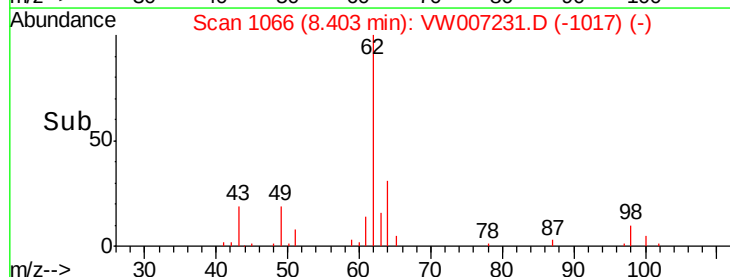
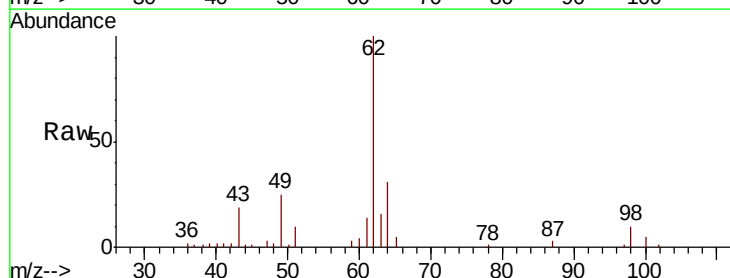
Manual Integrations
APPROVED

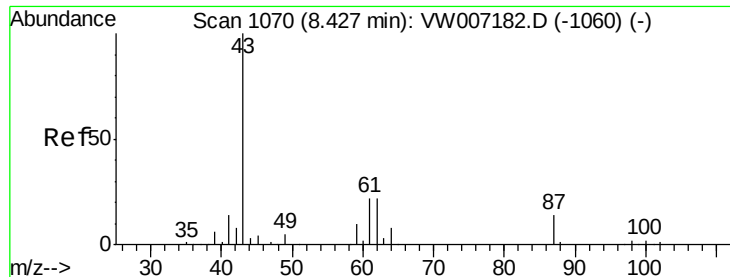
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#42
1,2-Dichloroethane
Concen: 20.575 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion:	62	Resp:	24594
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.350 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

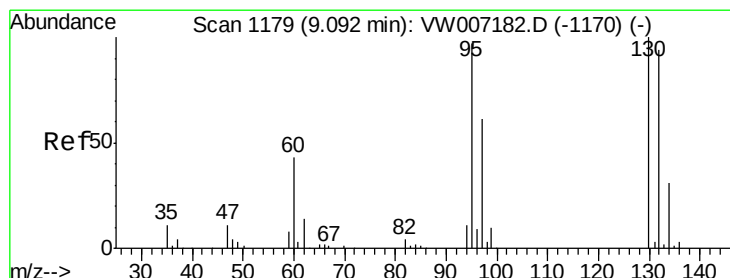
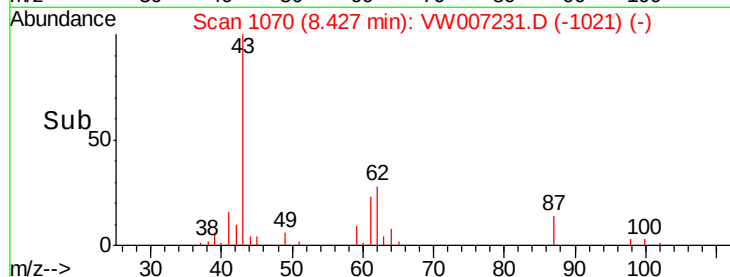
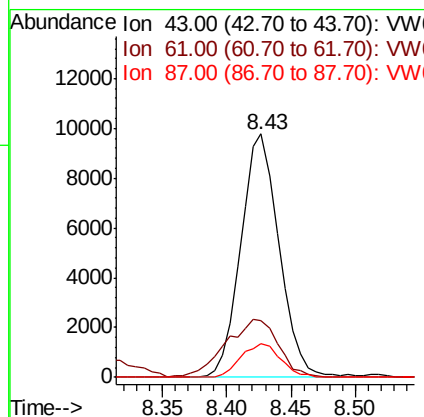
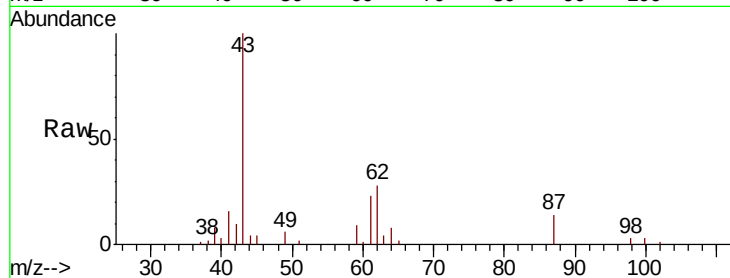
ClientSampleId :

VW1205SBS01

Tgt Ion:	43	Resp:	20107
Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.4	38.0
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 21.361 ug/l

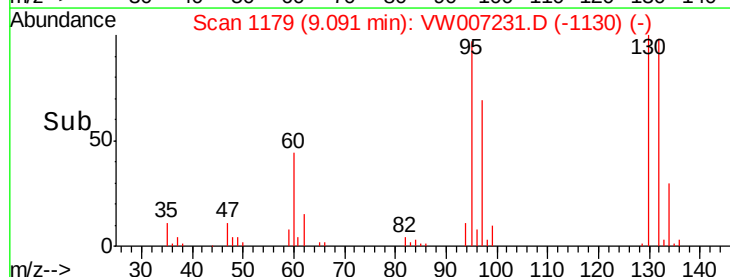
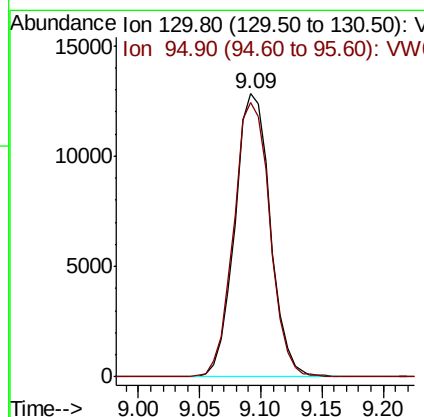
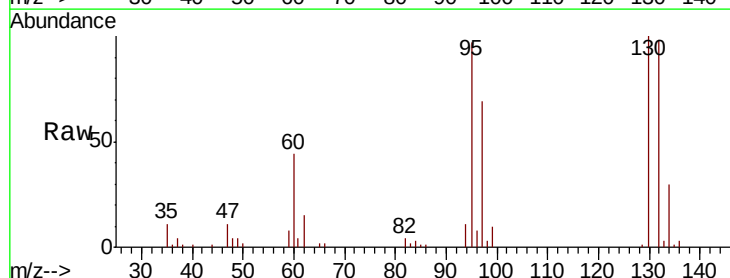
RT: 9.09 min Scan# 1179

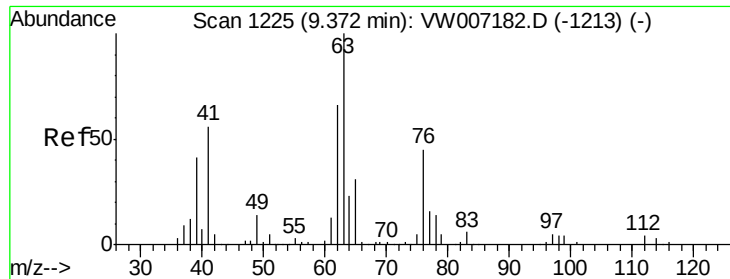
Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion:	130	Resp:	25681
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	194.0





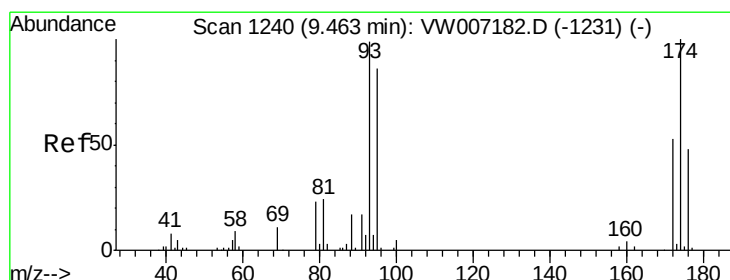
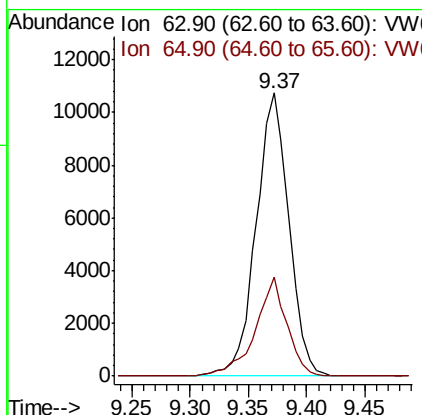
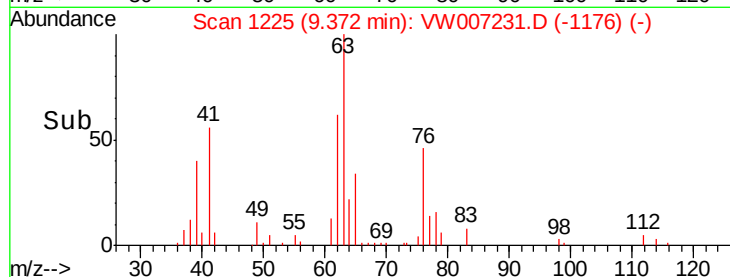
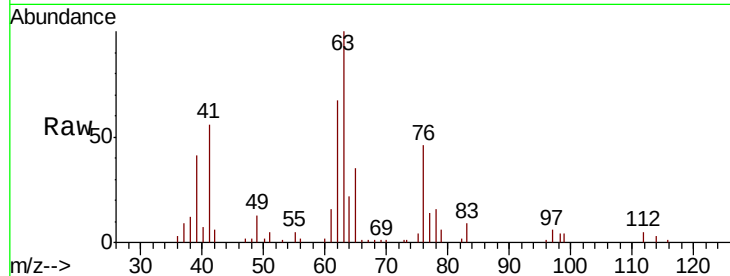
#45
 1,2-Dichloropropane
 Concen: 21.026 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion: 63 Resp: 20927
 Ion Ratio Lower Upper
 63 100
 65 34.9 25.0 37.4

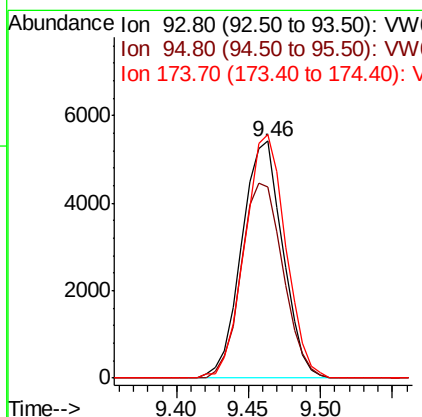
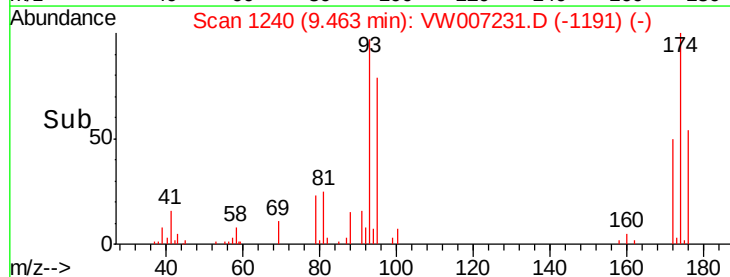
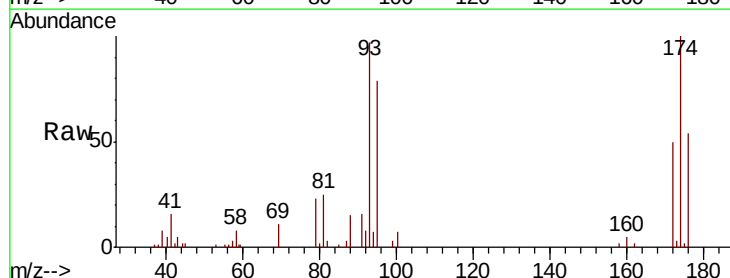
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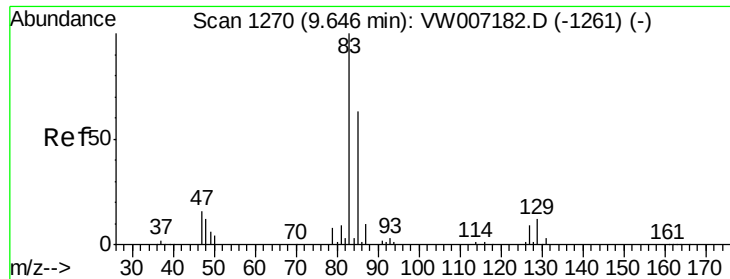
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#46
 Dibromomethane
 Concen: 20.668 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion: 93 Resp: 10689
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.7 103.1
 174 102.3 82.9 124.3





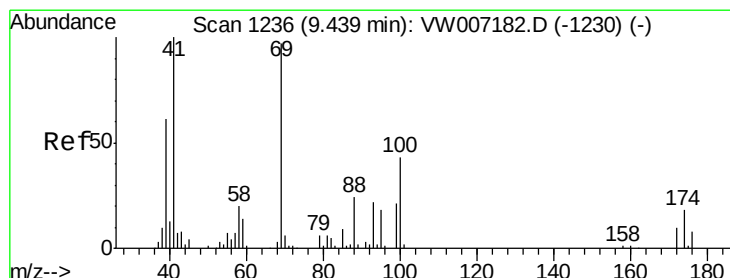
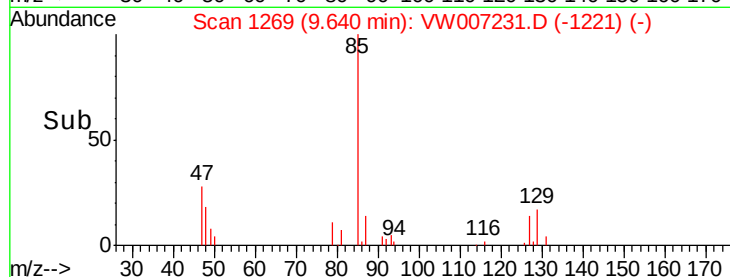
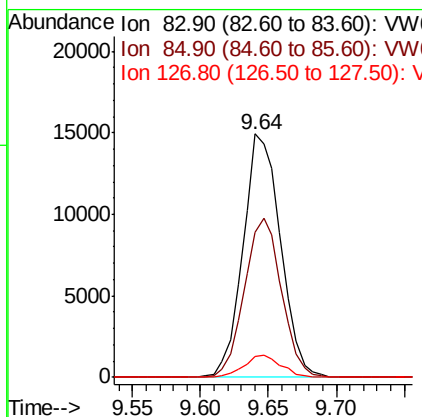
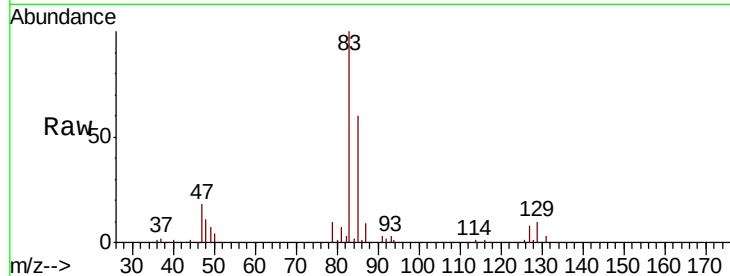
#47
Bromodichloromethane
Concen: 21.162 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	28789		
85	59.6	50.6	76.0	
127	8.3	7.3	10.9	

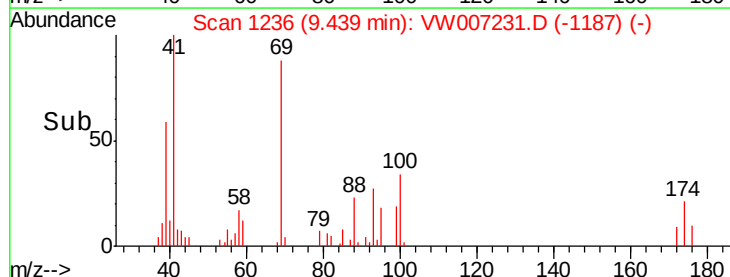
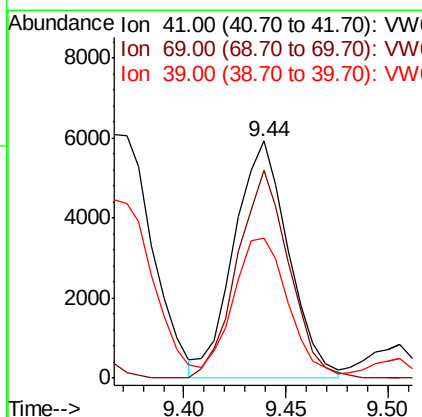
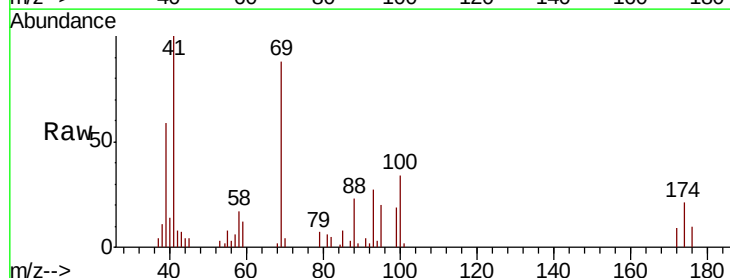
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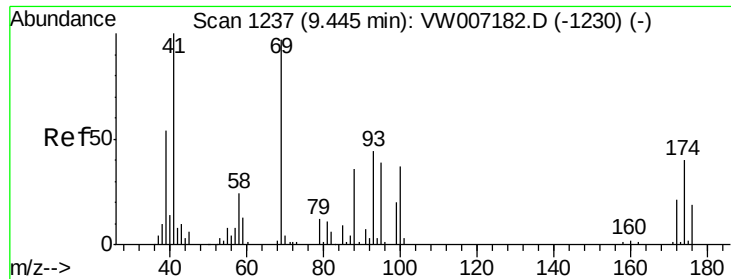
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#48
Methyl methacrylate
Concen: 19.342 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	11000		
69	83.0	69.6	104.4	
39	56.0	42.4	63.6	





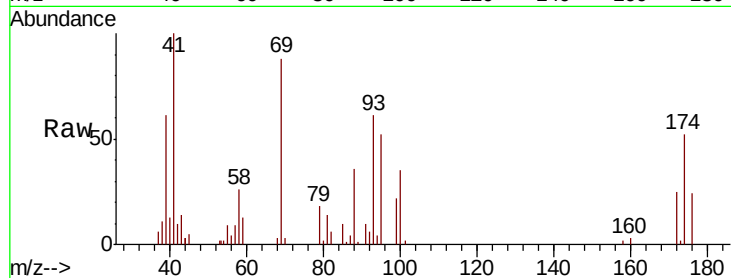
#49
1,4-Dioxane
Concen: 378.657 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.4	25.8	38.8
58	68.3	58.9	88.3

Manual Integrations
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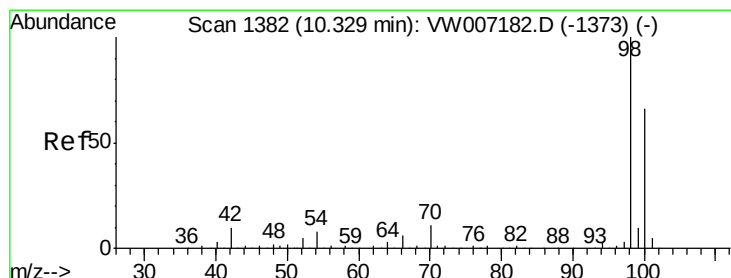
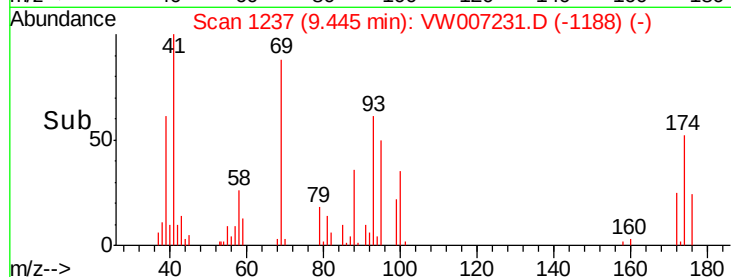
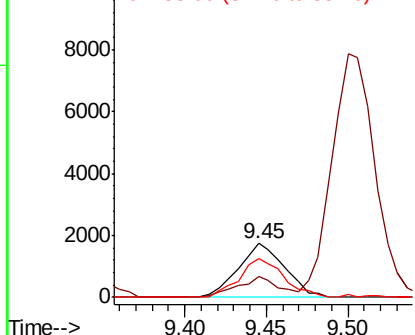


Abundance

Ion 88.00 (87.70 to 88.70): VW

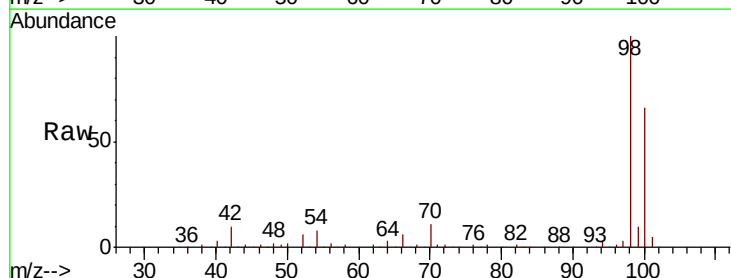
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

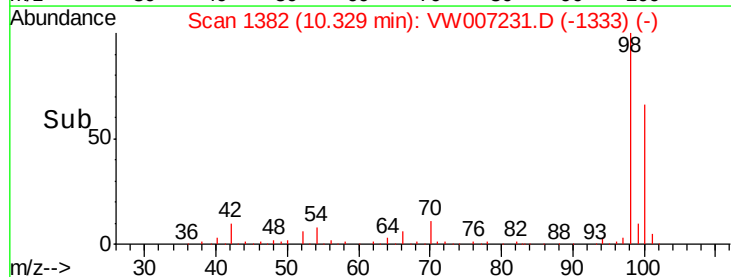
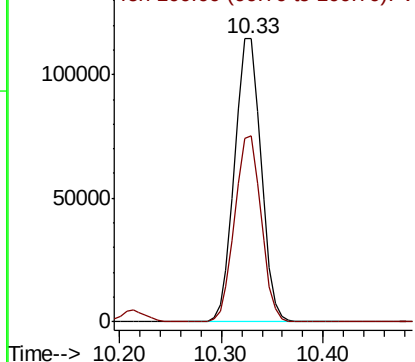
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1

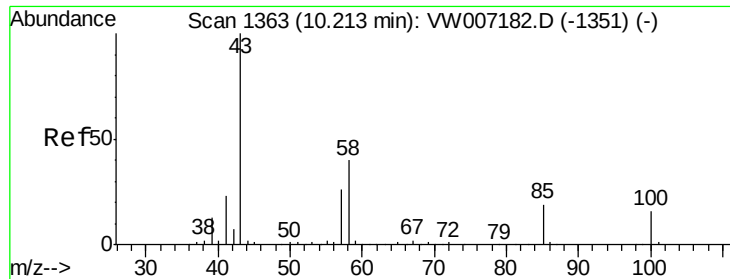


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





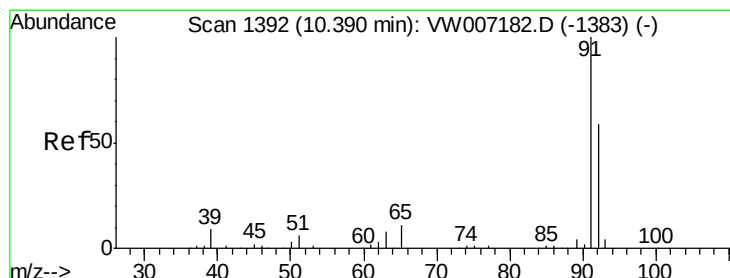
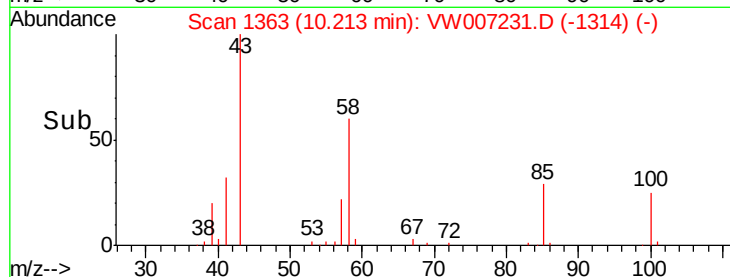
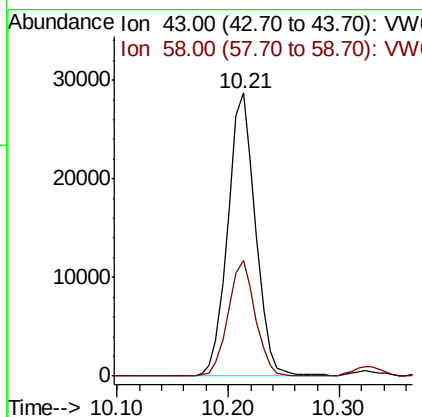
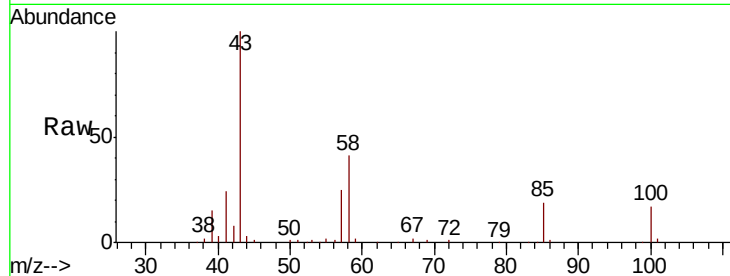
#51
4-Methyl-2-Pentanone
Concen: 91.317 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 43 Resp: 49311
Ion Ratio Lower Upper
43 100
58 40.1 32.3 48.5

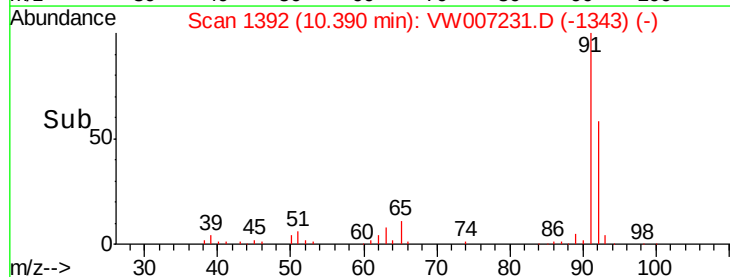
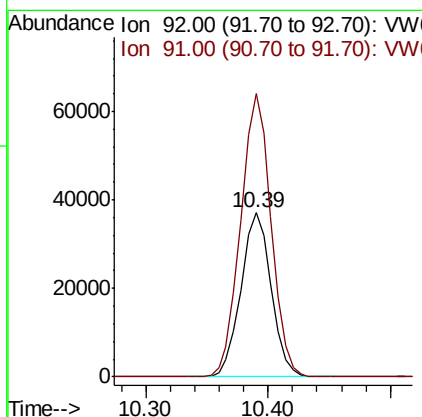
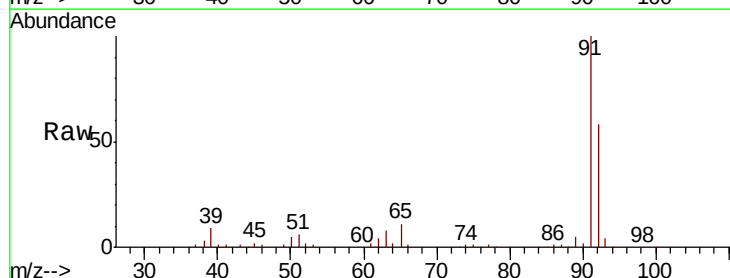
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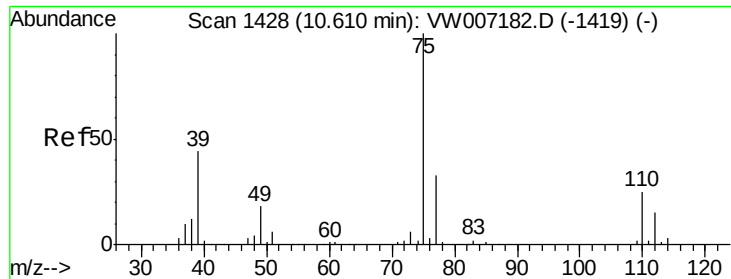
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#52
Toluene
Concen: 21.373 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 92 Resp: 63587
Ion Ratio Lower Upper
92 100
91 174.3 136.0 204.0





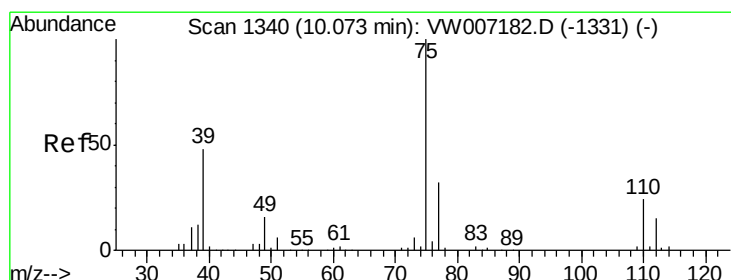
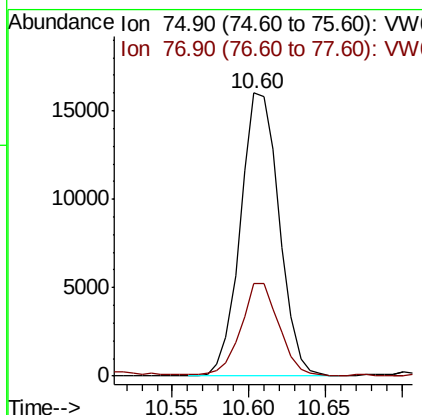
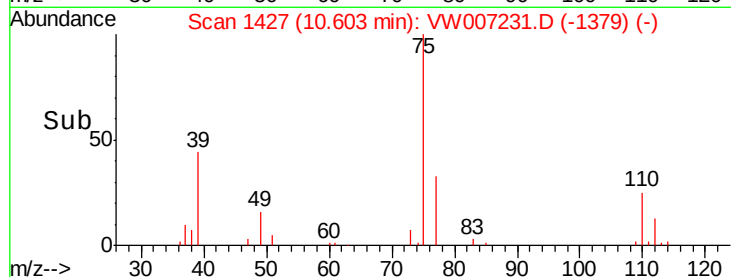
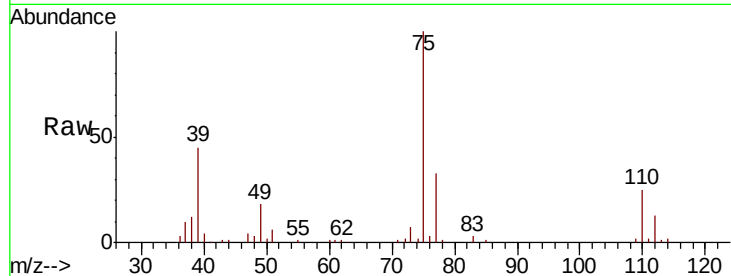
#53
t-1,3-Dichloropropene
Concen: 20.556 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 75 Resp: 28115
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2

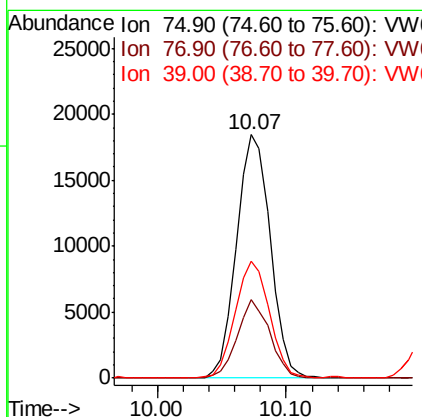
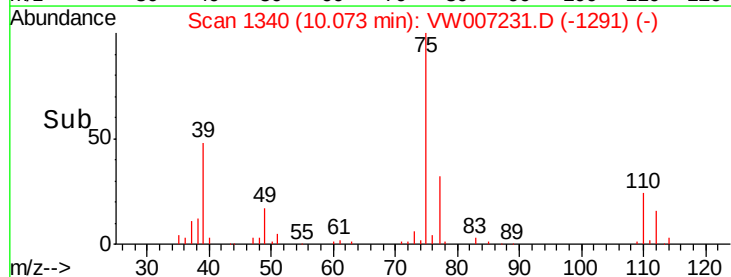
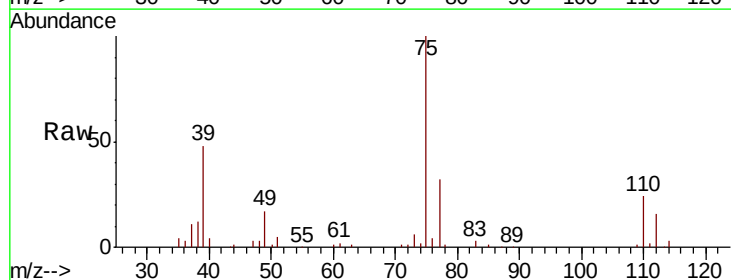
Manual Integrations
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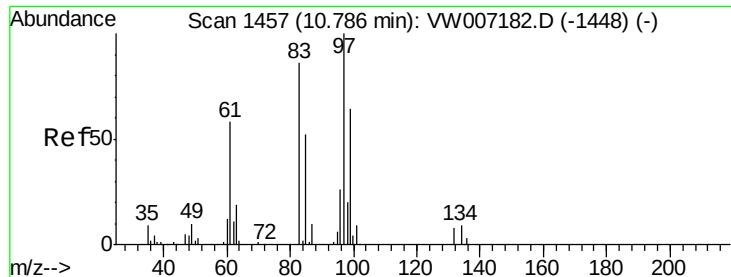
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#54
cis-1,3-Dichloropropene
Concen: 20.879 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 75 Resp: 33467
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 47.8 38.0 57.0





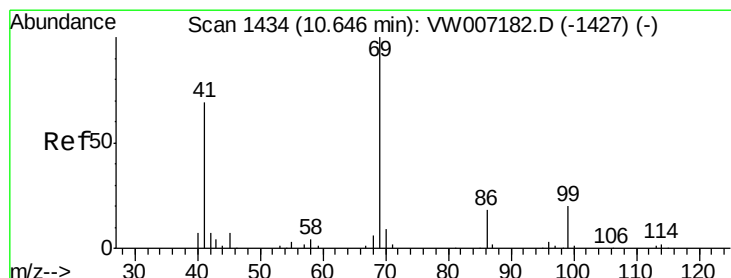
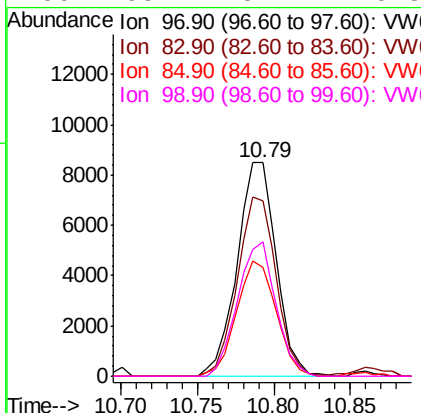
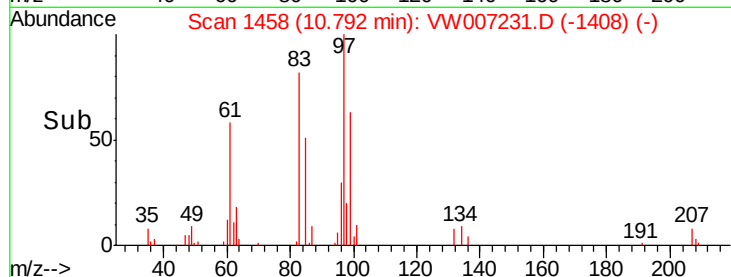
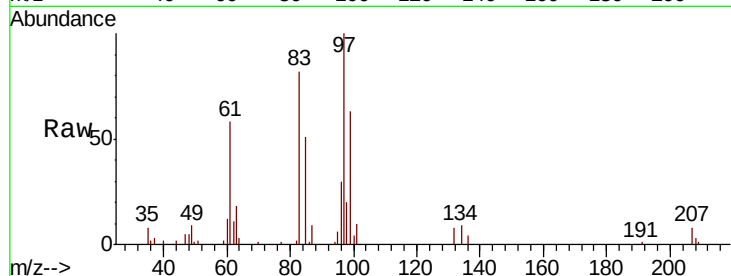
#55
 1,1,2-Trichloroethane
 Concen: 20.575 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.6	102.8
85	51.0	41.4	62.2
99	63.1	51.2	76.8

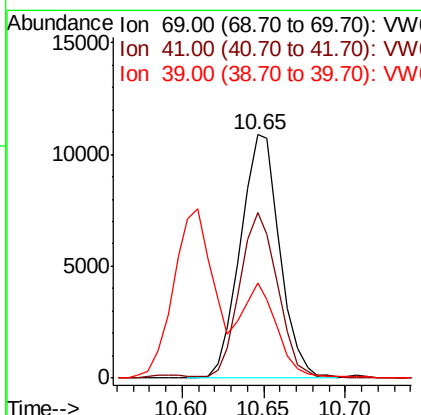
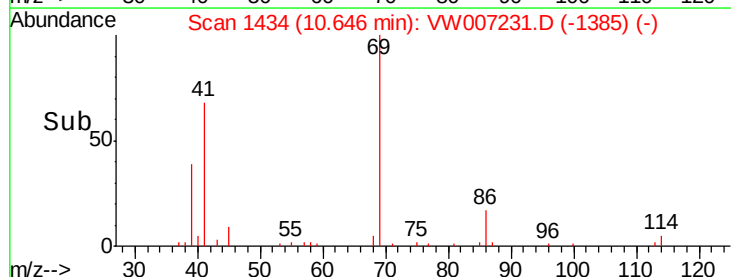
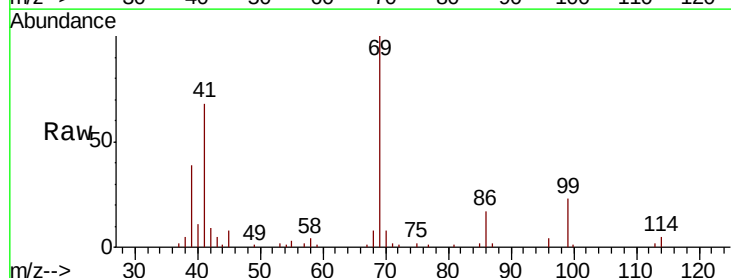
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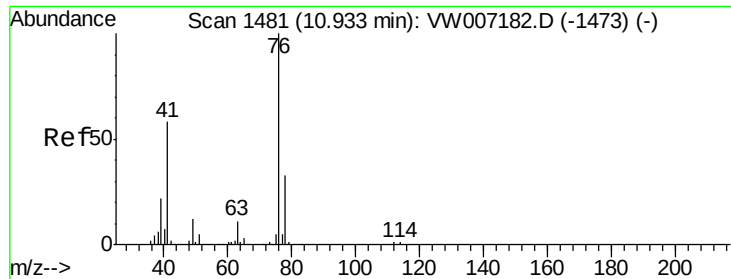
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#56
 Ethyl methacrylate
 Concen: 19.076 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	51.8	77.6
39	36.2	28.7	43.1





#57

1,3-Dichloropropane

Concen: 20.170 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 76 Resp: 25051

Ion Ratio Lower Upper

76 100

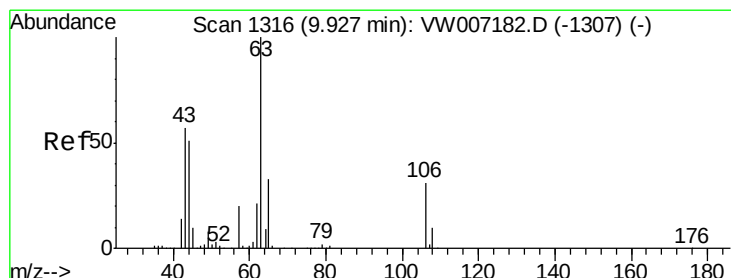
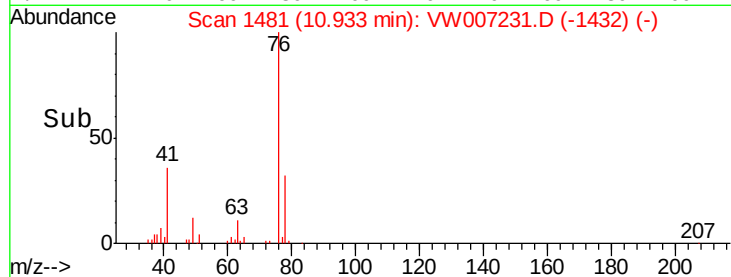
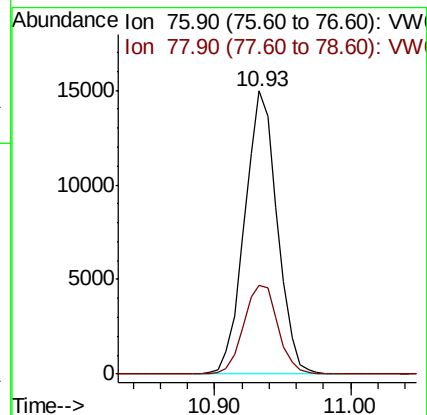
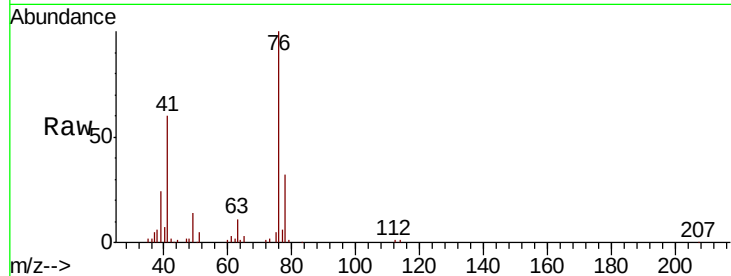
78 32.9 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 110.049 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007231.D

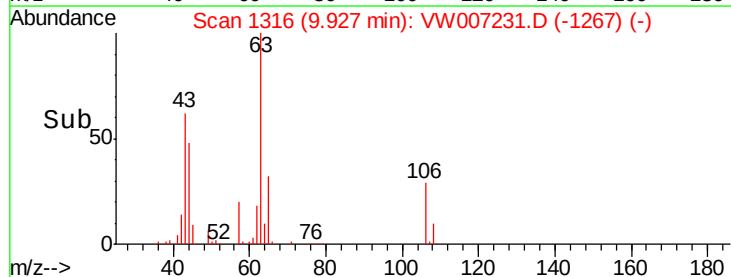
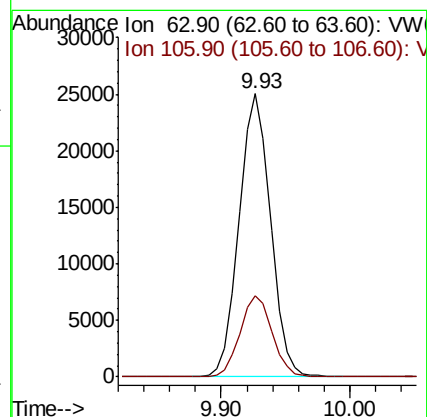
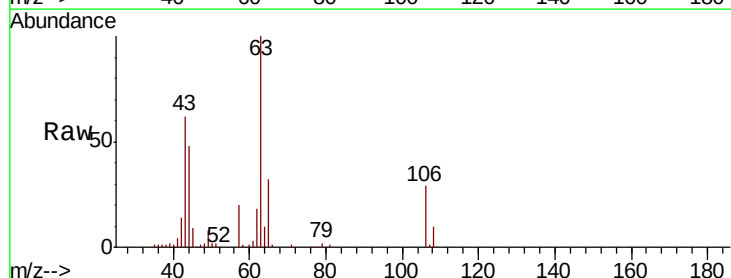
Acq: 05 Dec 2018 15:21

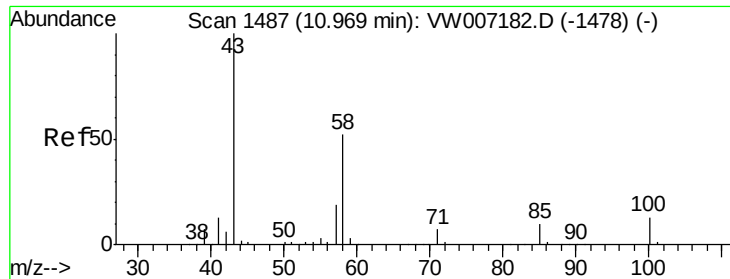
Tgt Ion: 63 Resp: 42417

Ion Ratio Lower Upper

63 100

106 29.1 24.1 36.1





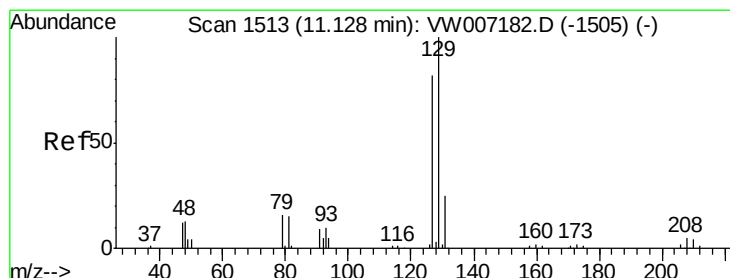
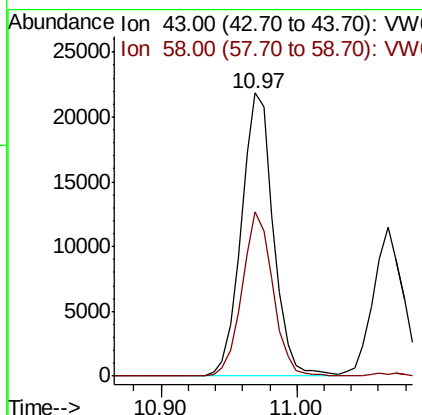
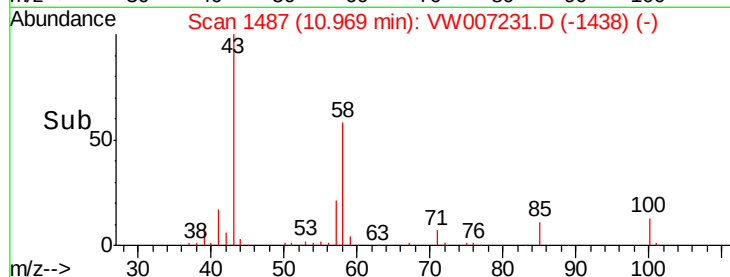
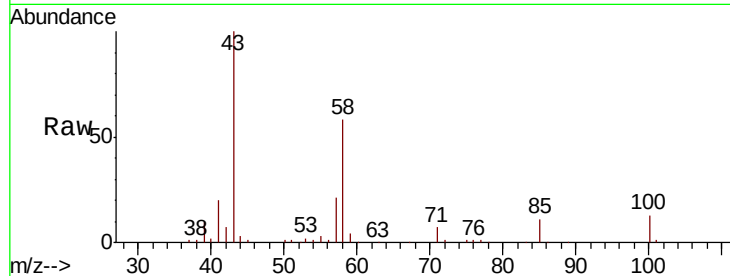
#59
2-Hexanone
Concen: 91.740 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 43 Resp: 35912
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

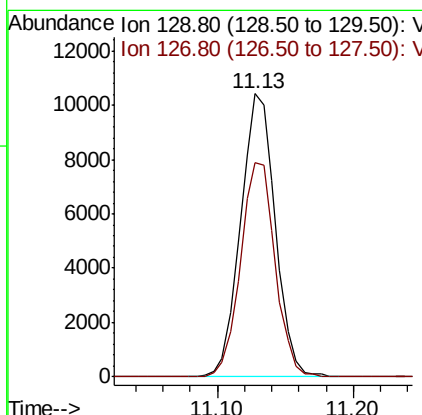
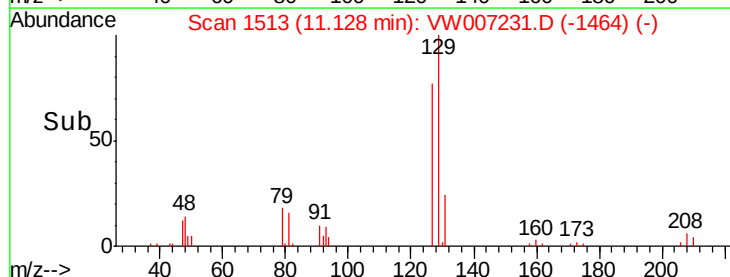
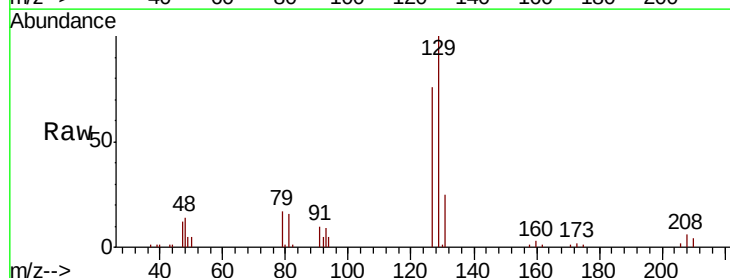
Manual Integrations
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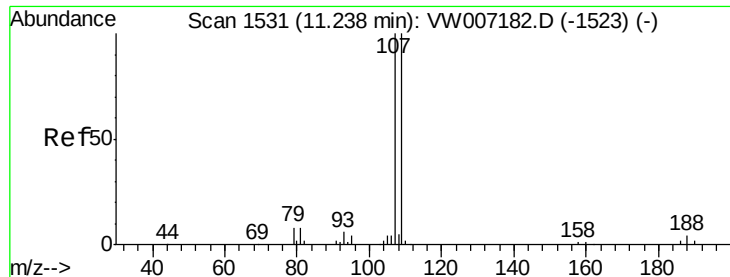
apatel
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#60
Dibromochloromethane
Concen: 20.487 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 129 Resp: 18523
Ion Ratio Lower Upper
129 100
127 75.4 39.8 119.4





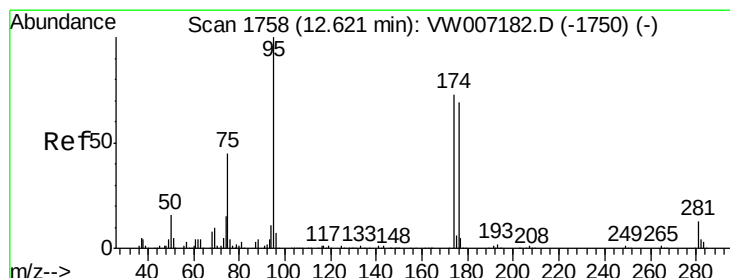
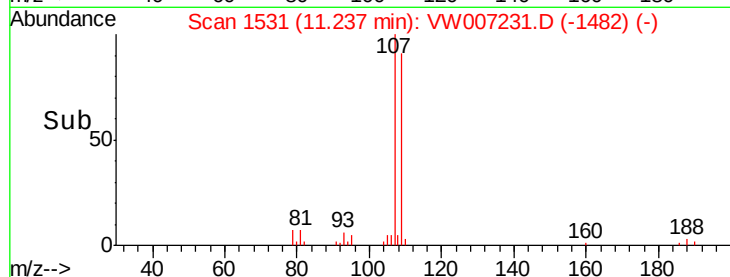
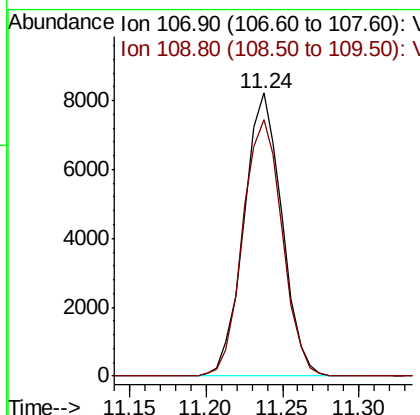
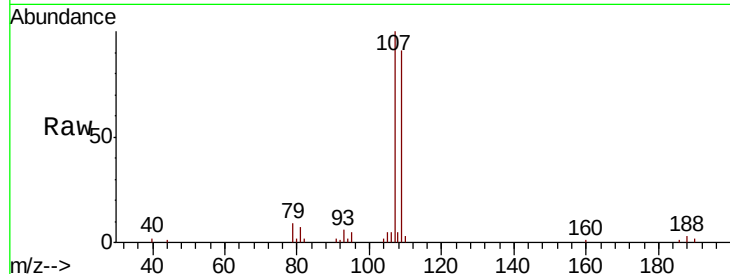
#61
 1,2-Dibromoethane
 Concen: 20.144 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	77.3	115.9

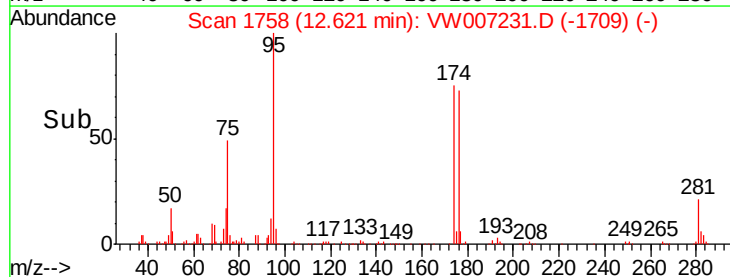
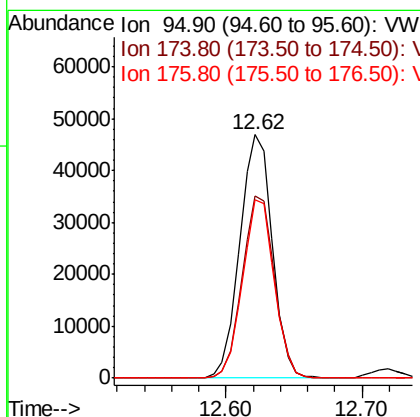
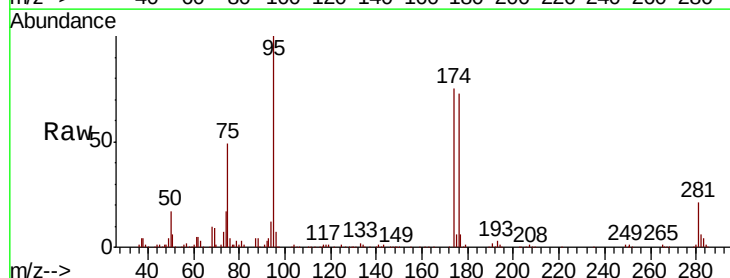
Manual Integrations
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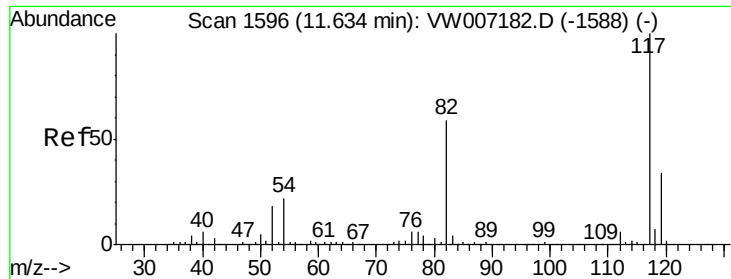
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.188 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	148.0
176	71.8	0.0	139.4





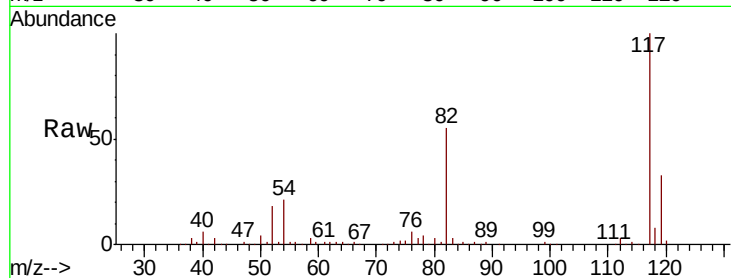
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.4	71.2
119	32.6	26.8	40.2

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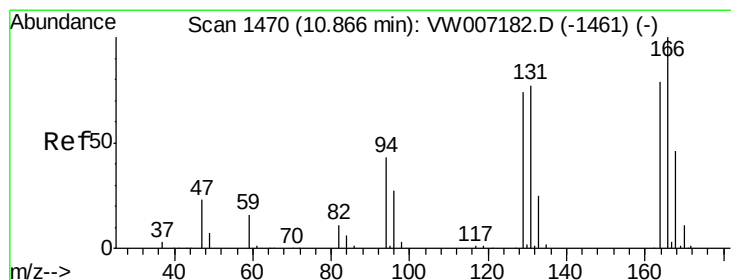
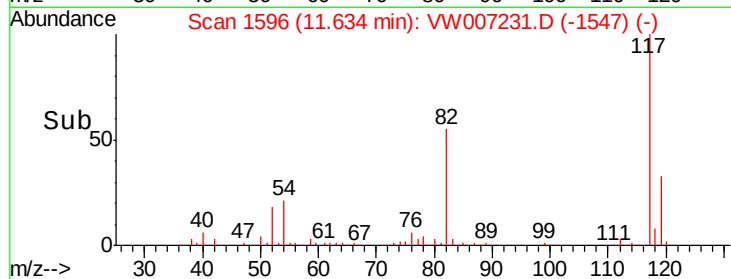
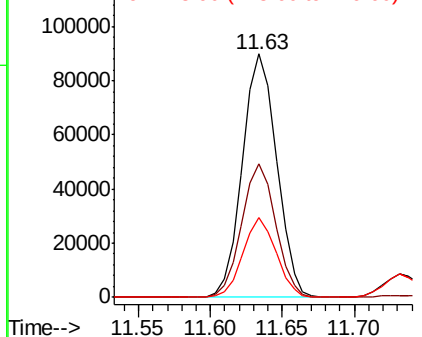


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.669 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.9	101.0	151.4
129	107.0	74.6	111.8
131	96.6	77.6	116.4

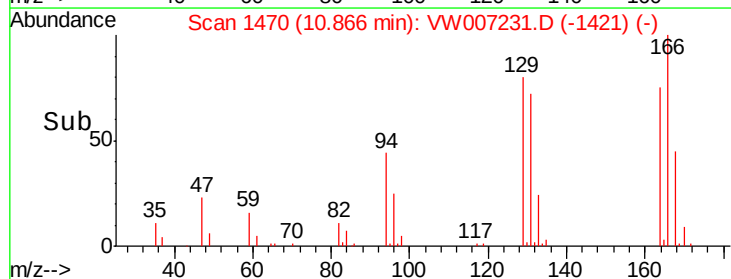
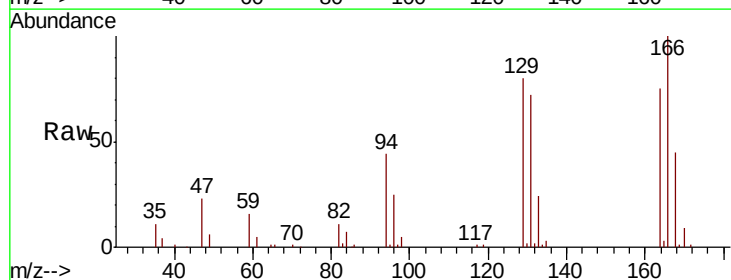
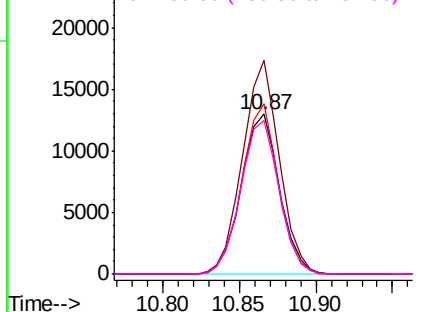
Abundance

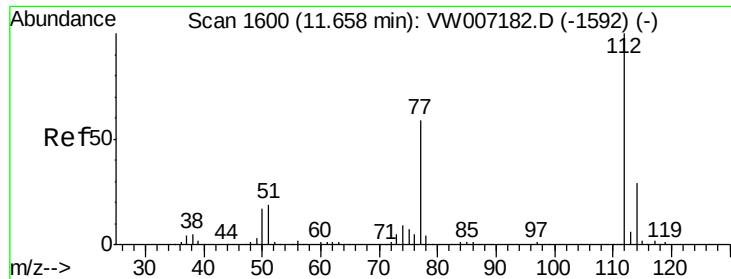
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





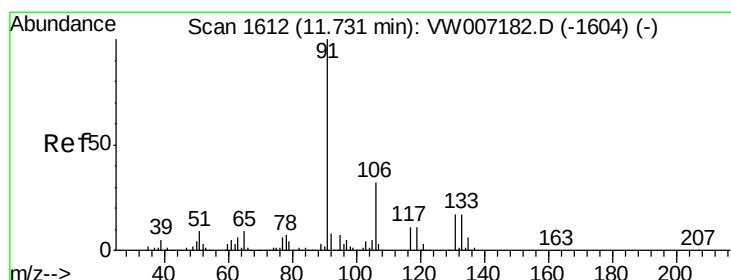
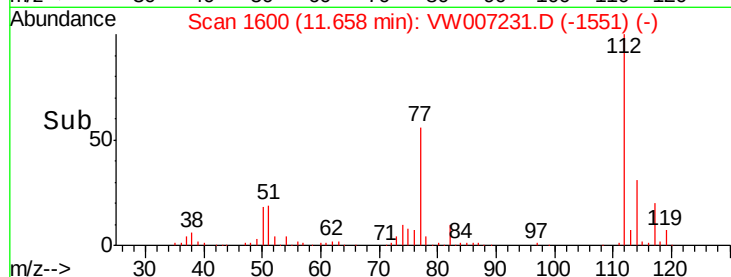
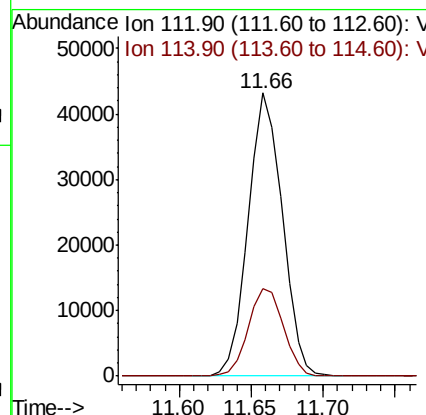
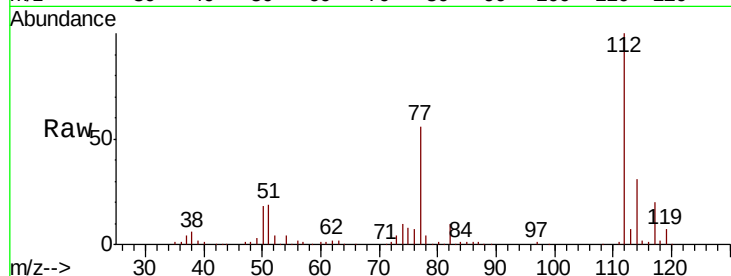
#65
Chlorobenzene
Concen: 21.316 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion:112 Resp: 70871
Ion Ratio Lower Upper
112 100
114 31.1 23.0 34.4

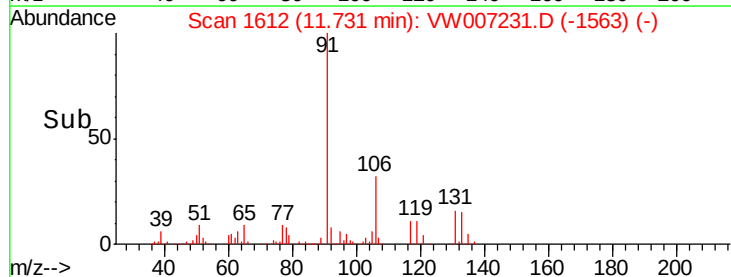
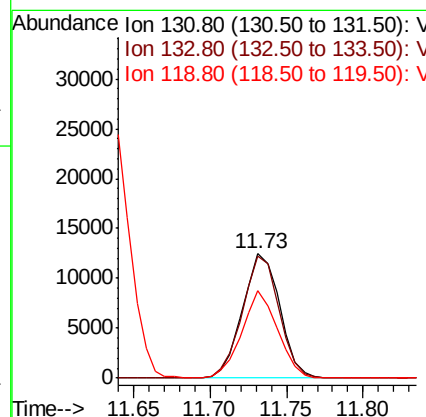
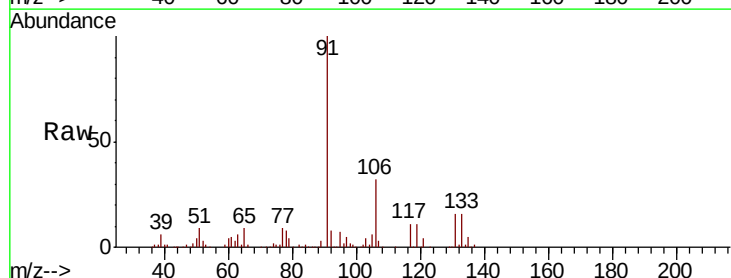
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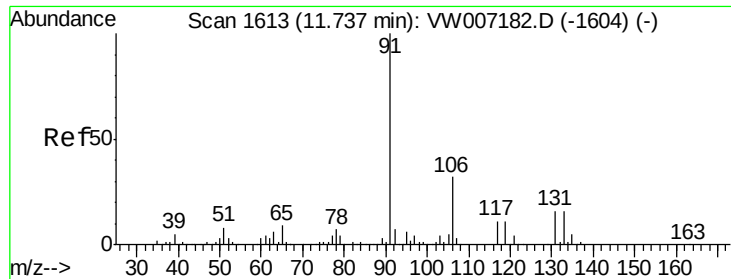
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.602 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion:131 Resp: 21154
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.2
119 67.5 32.8 98.4





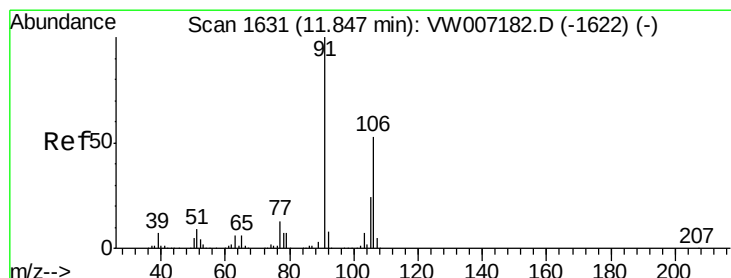
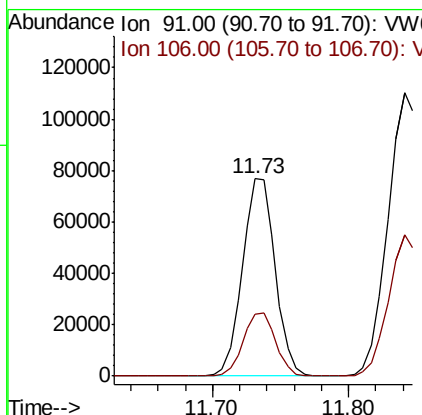
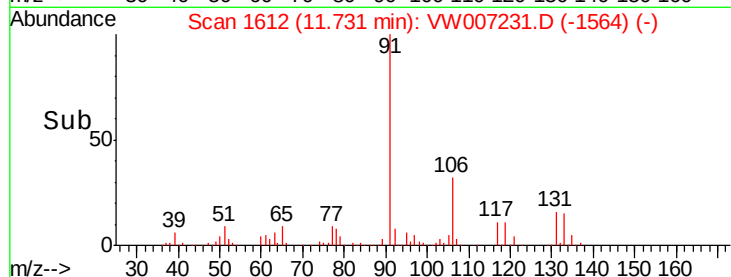
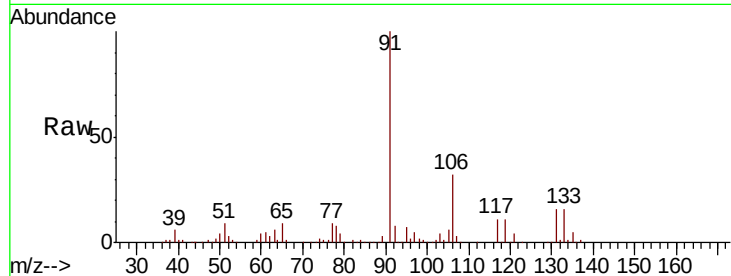
#67
Ethyl Benzene
Concen: 21.314 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion: 91 Resp: 129153
Ion Ratio Lower Upper
91 100
106 31.7 26.0 39.0

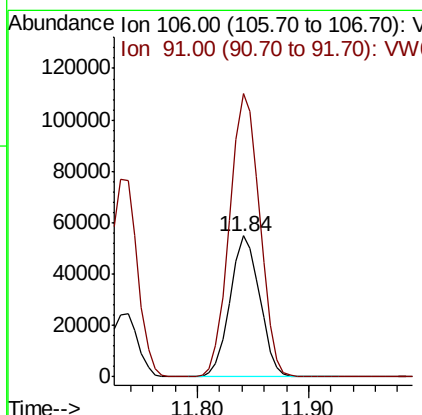
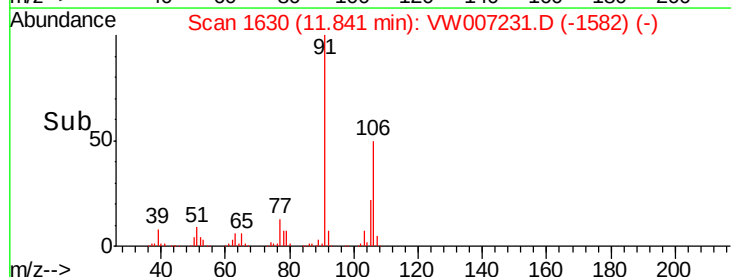
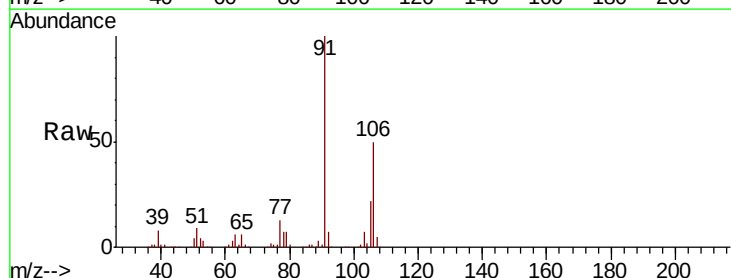
Manual Integrations
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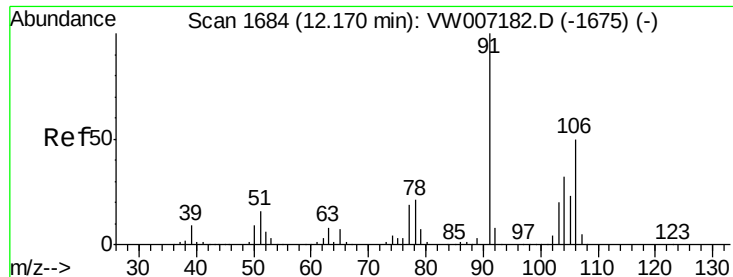
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#68
m/p-Xylenes
Concen: 42.686 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion: 106 Resp: 101474
Ion Ratio Lower Upper
106 100
91 204.4 160.2 240.4





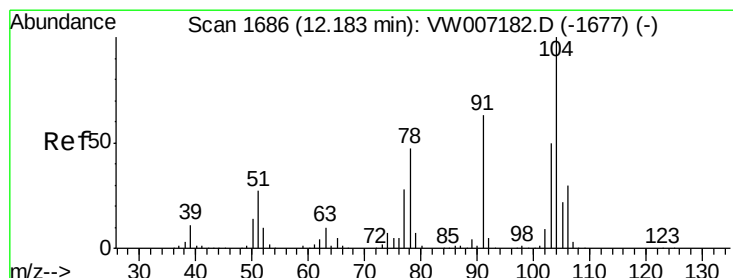
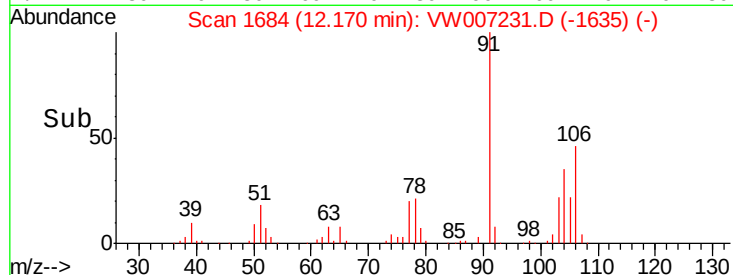
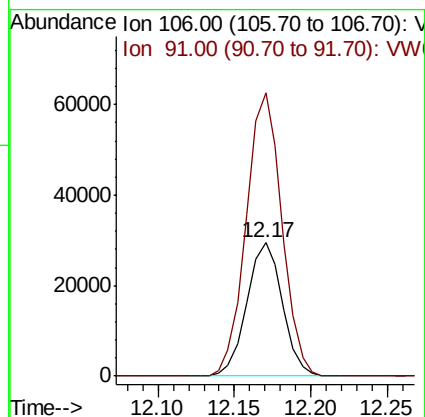
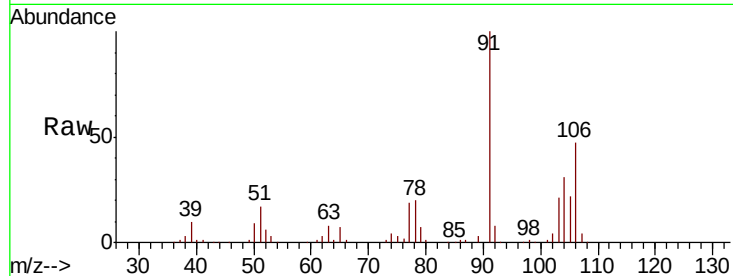
#69
o-Xylene
Concen: 21.462 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion:106 Resp: 47668
Ion Ratio Lower Upper
106 100
91 212.8 104.9 314.7

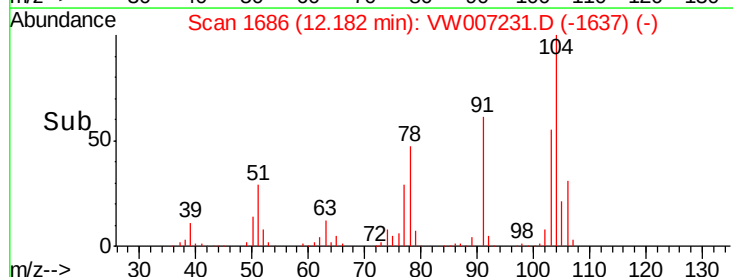
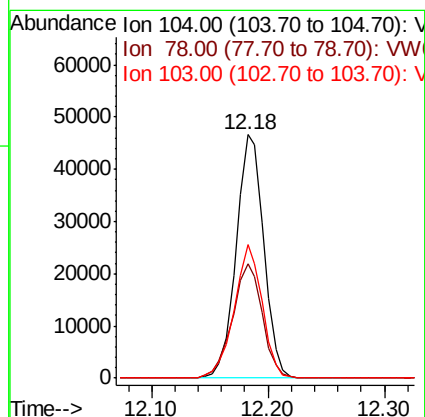
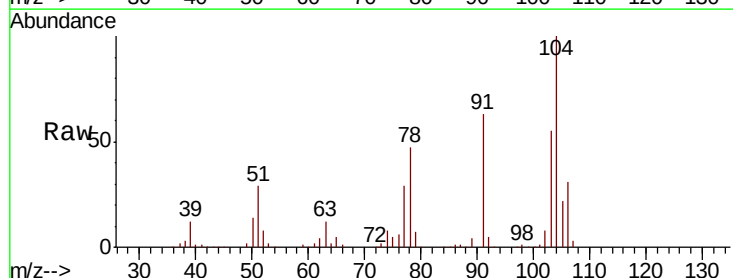
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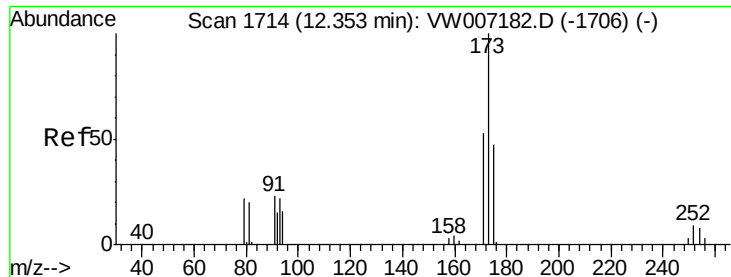
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#70
Styrene
Concen: 21.176 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion:104 Resp: 76992
Ion Ratio Lower Upper
104 100
78 50.7 40.6 60.8
103 55.6 43.0 64.4





#71

Bromoform

Concen: 19.367 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

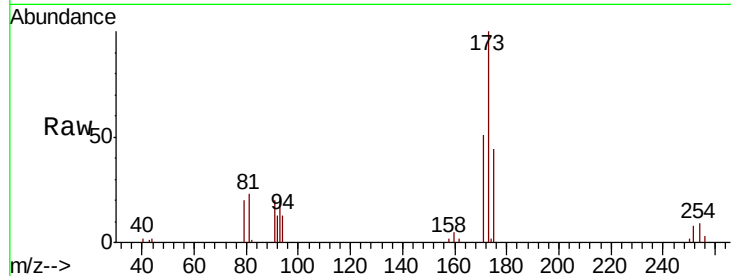
ClientSampleId :

VW1205SBS01

Tgt Ion:	173	Resp:	9955
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.0	72.0
254	0.0	0.0	0.0

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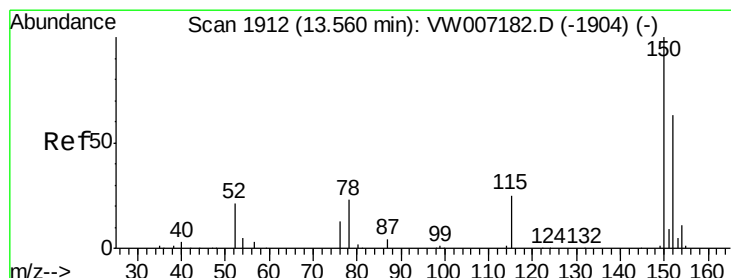
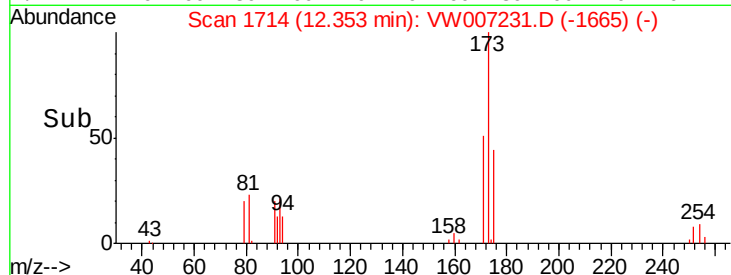
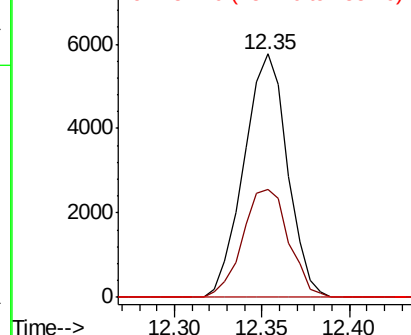


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

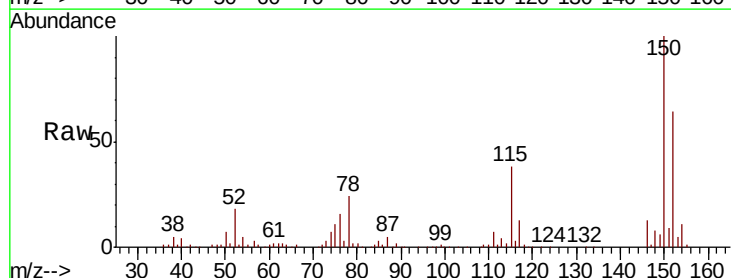
RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion:	152	Resp:	75672
Ion Ratio	Lower	Upper	
152	100		
115	60.6	31.3	93.8
150	163.2	0.0	358.0

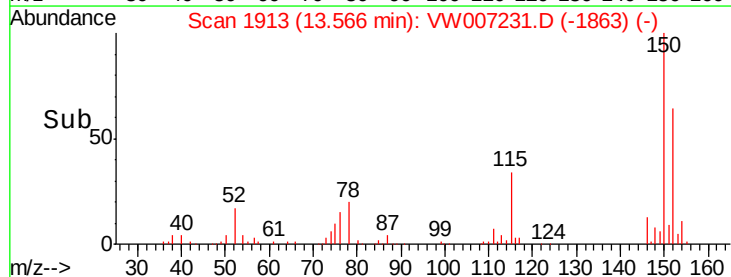
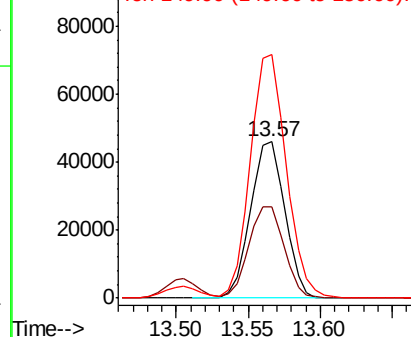


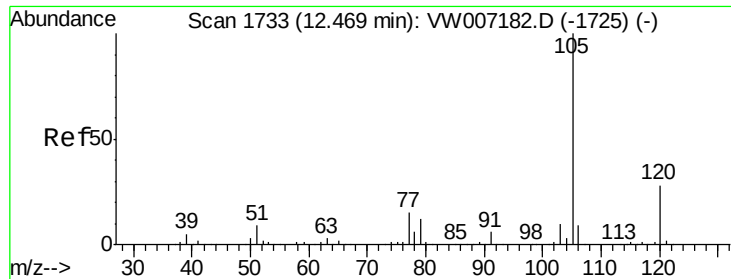
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.407 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

Tgt Ion: 105 Resp: 131752

Ion Ratio Lower Upper

105 100

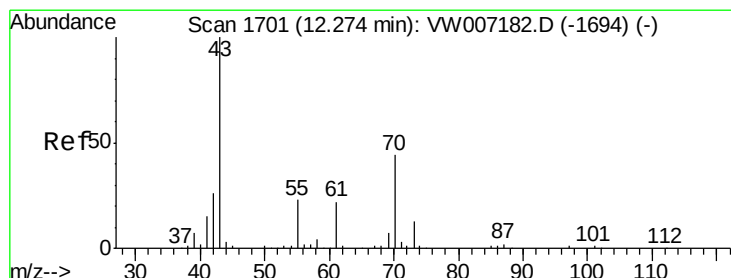
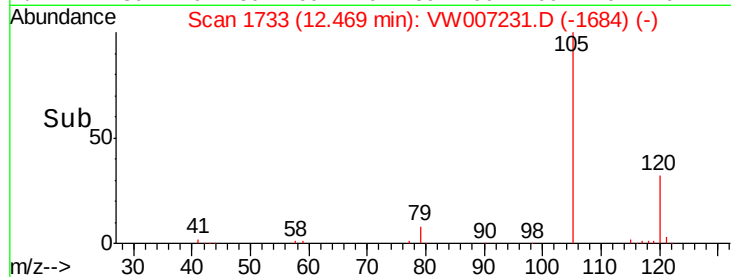
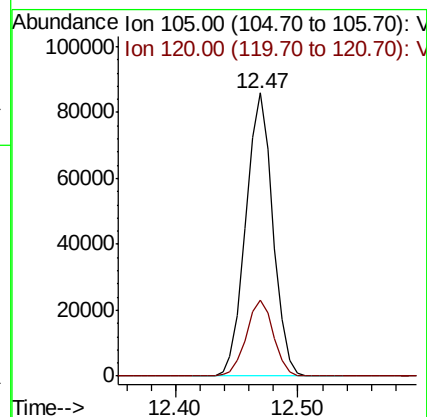
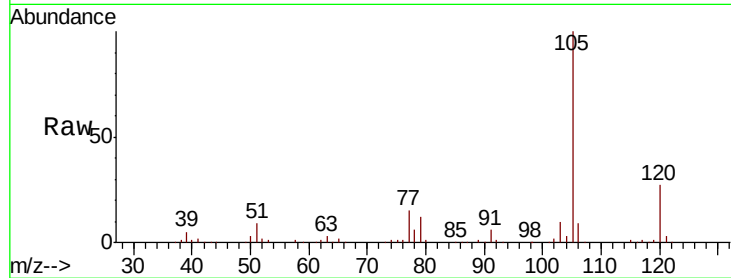
120 27.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.715 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion: 43 Resp: 20422

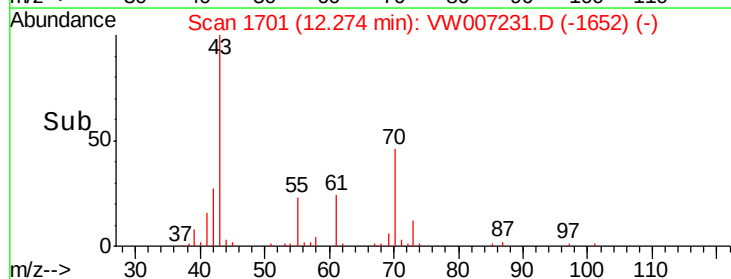
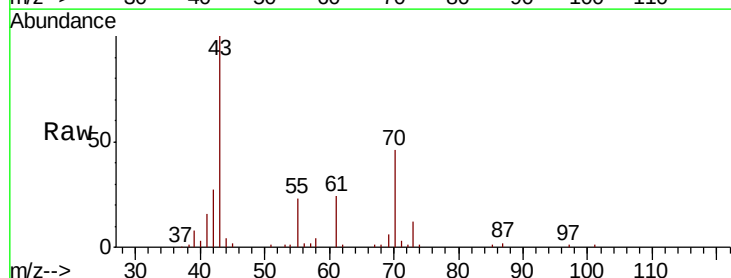
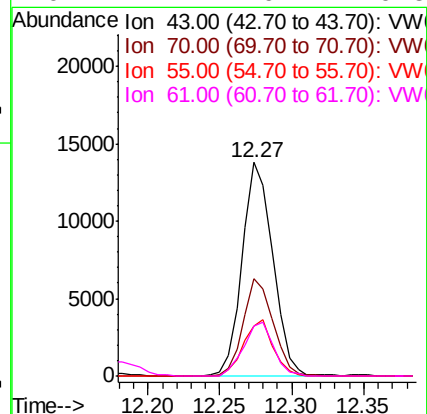
Ion Ratio Lower Upper

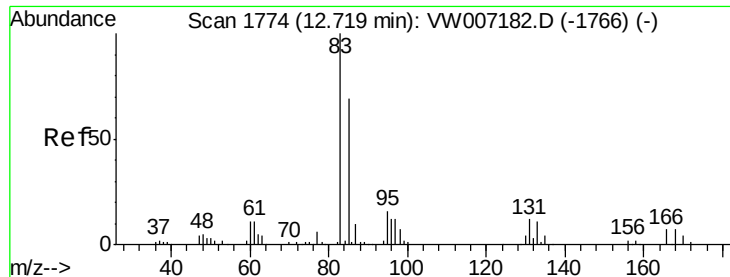
43 100

70 44.4 34.0 51.0

55 24.9 19.0 28.6

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.847 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

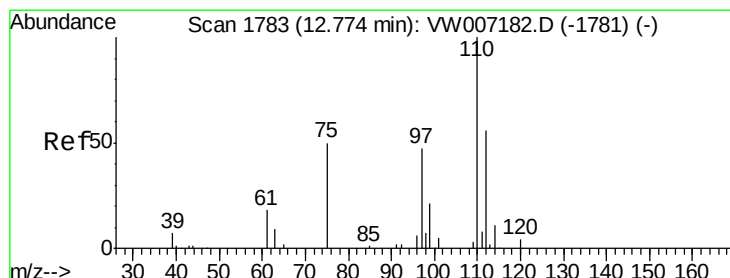
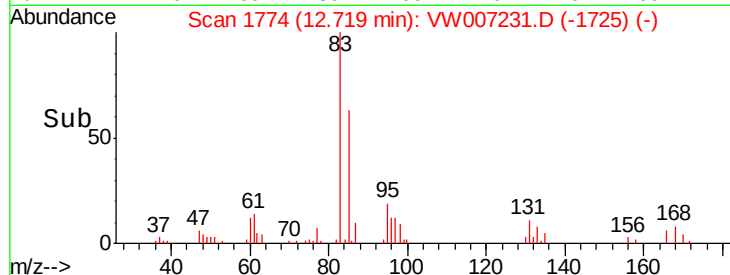
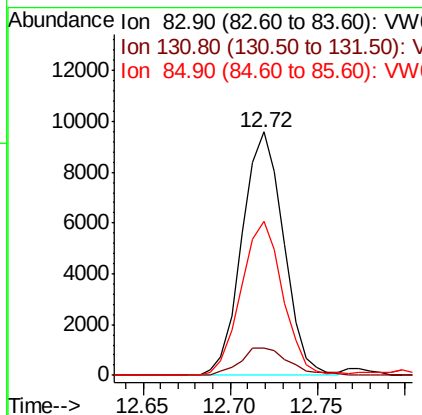
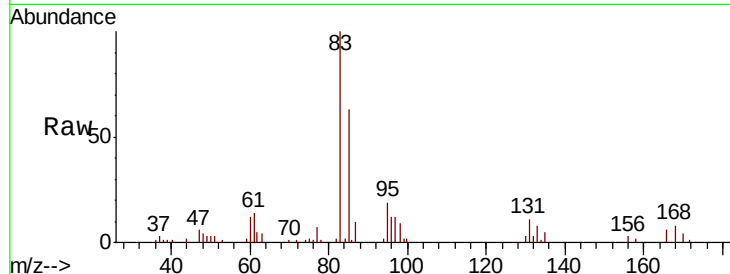
ClientSampleId :

VW1205SBS01

Tgt Ion:	83	Resp:	15864
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.0	18.1
85	62.9	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.635 ug/l m

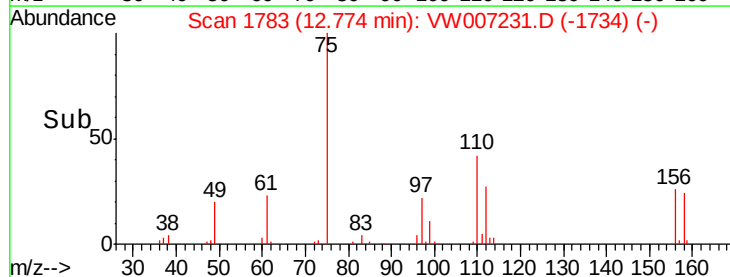
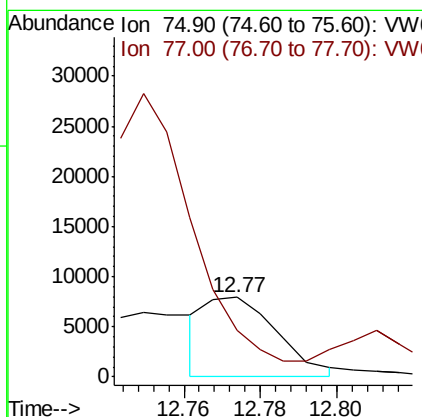
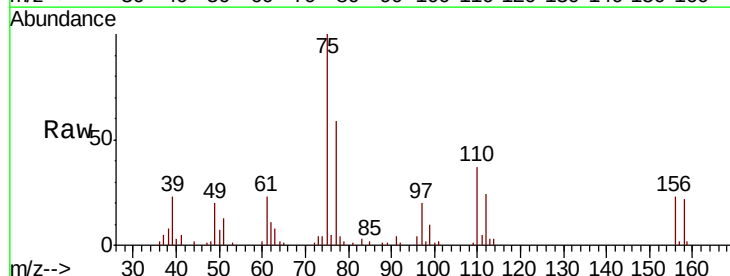
RT: 12.77 min Scan# 1783

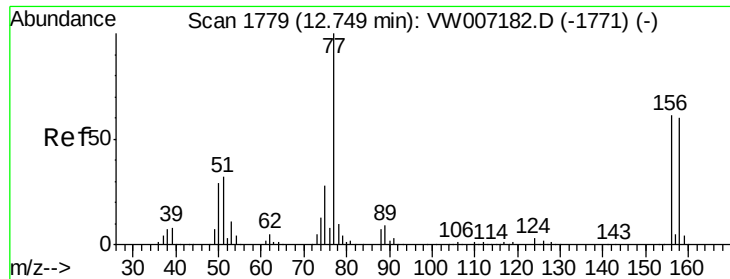
Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Tgt Ion:	75	Resp:	10333
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.729 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007231.D

Acq: 05 Dec 2018 15:21

Instrument :

MSVOA_W

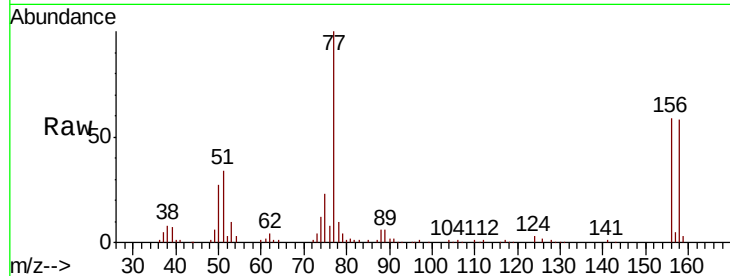
ClientSampleId :

VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.0	92.0	276.1
158	98.5	49.0	147.0

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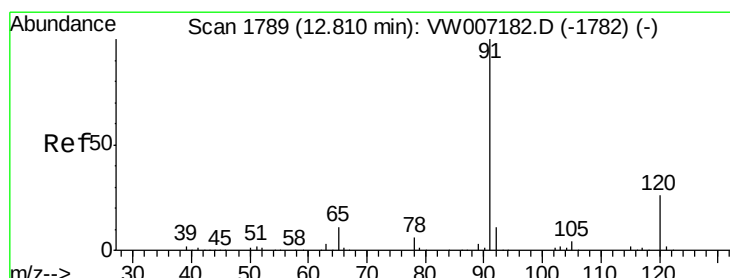
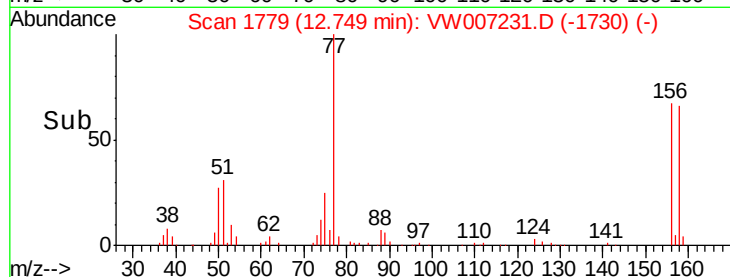
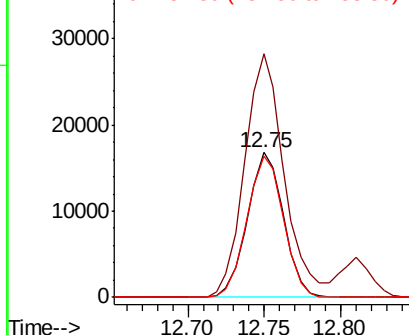
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.501 ug/l

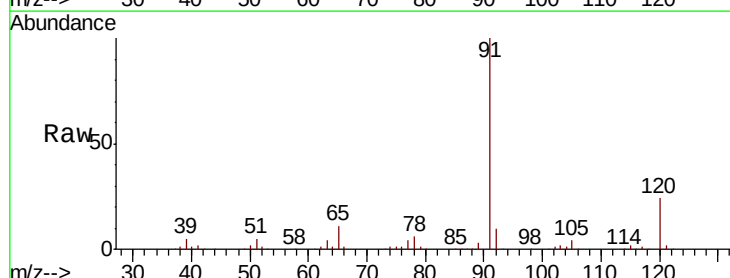
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007231.D

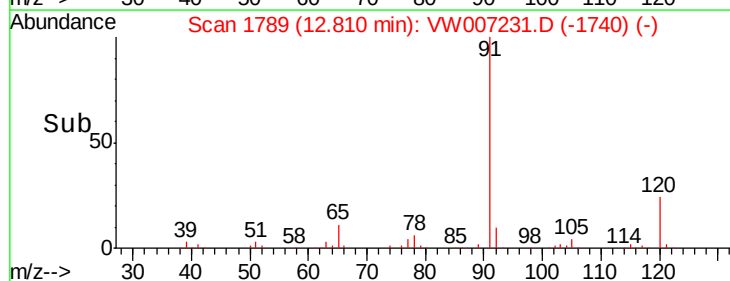
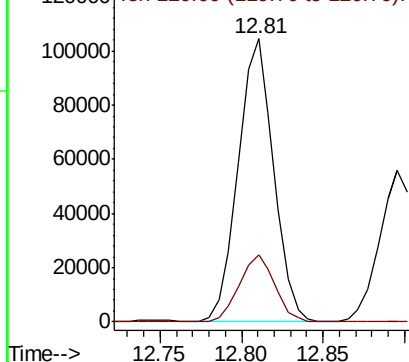
Acq: 05 Dec 2018 15:21

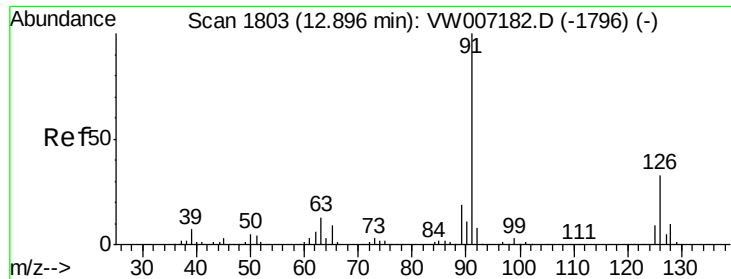
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





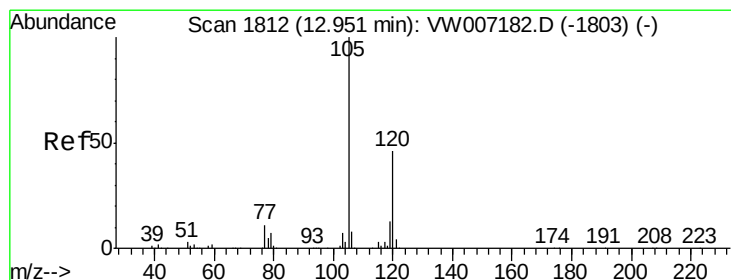
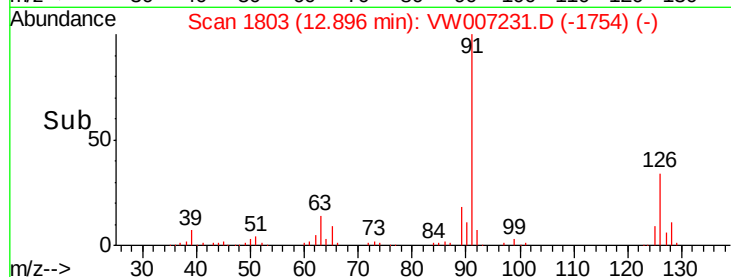
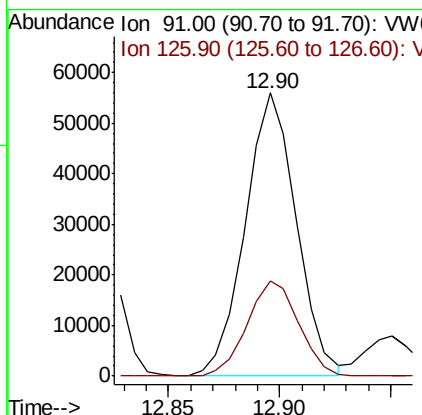
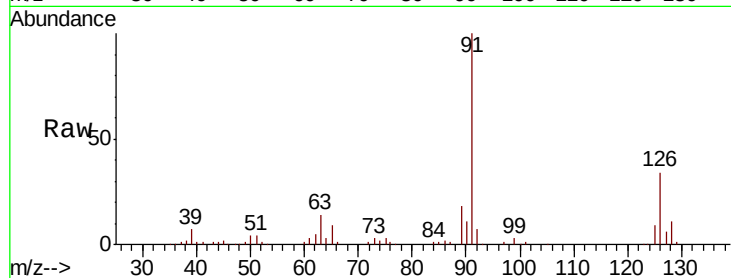
#79
 2-Chlorotoluene
 Concen: 21.480 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion: 91 Resp: 88941
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.7 50.1

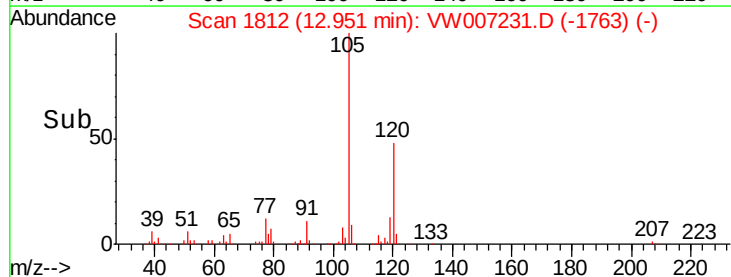
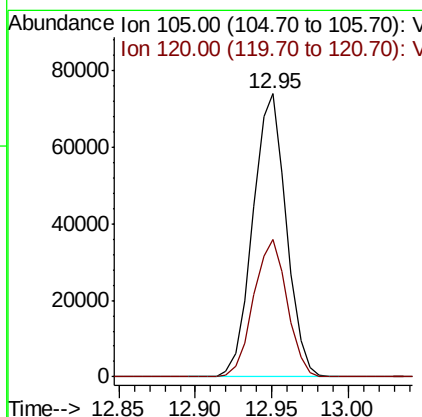
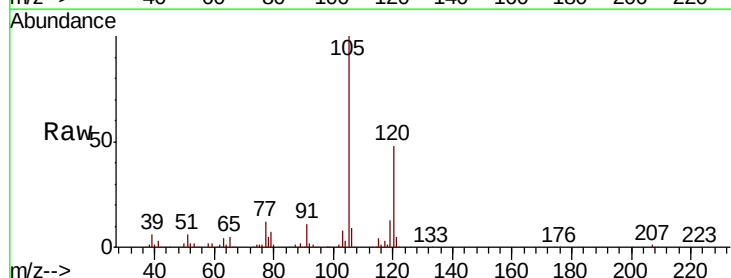
Manual Integrations
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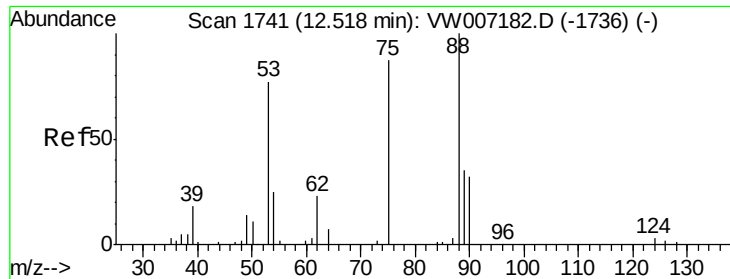
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.295 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion: 105 Resp: 112122
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.8 71.5





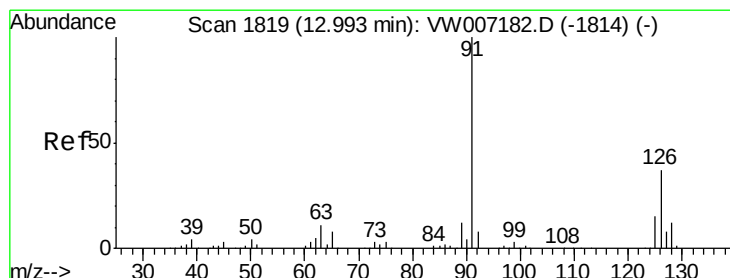
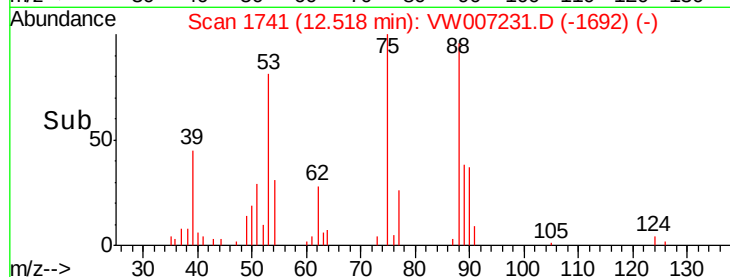
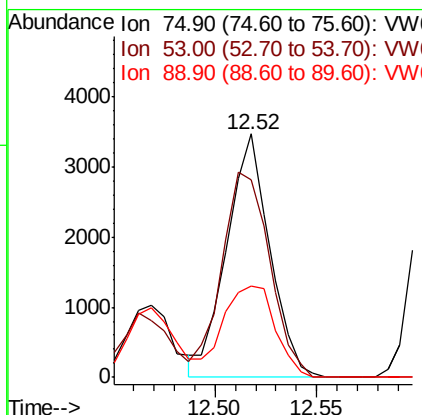
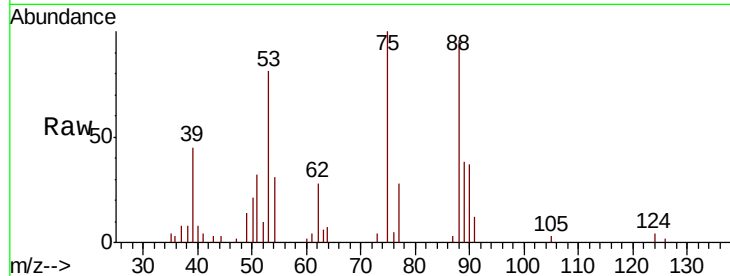
#81
trans-1,4-Dichloro-2-butene
Concen: 18.639 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	72.8	109.2
89	44.7	36.4	54.6

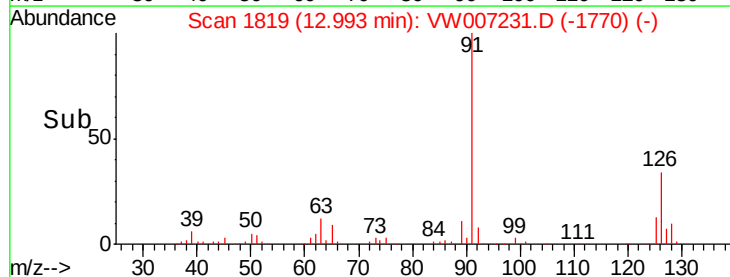
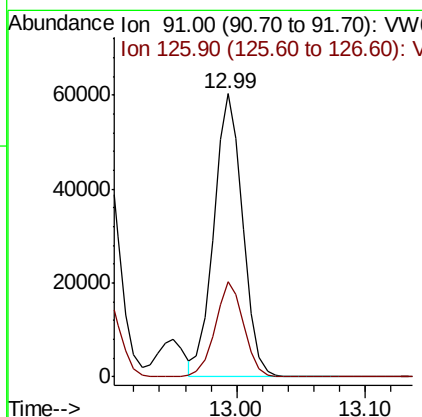
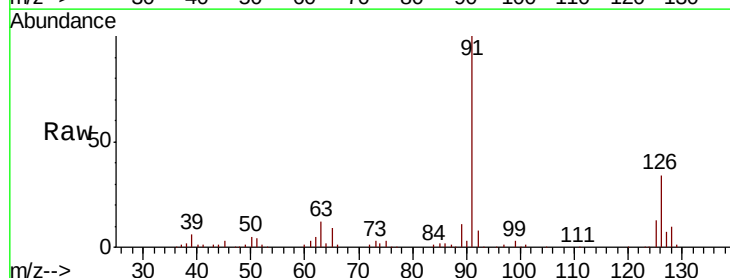
Manual Integrations
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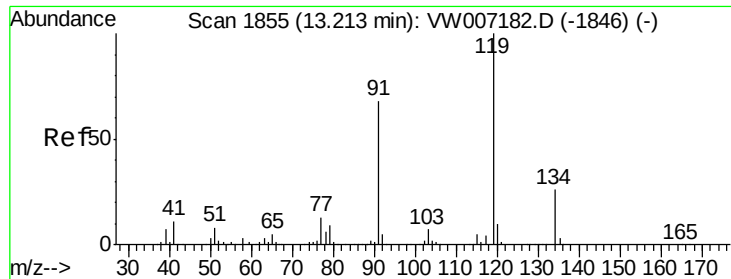
apatel
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#82
4-Chlorotoluene
Concen: 21.553 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.4	52.3





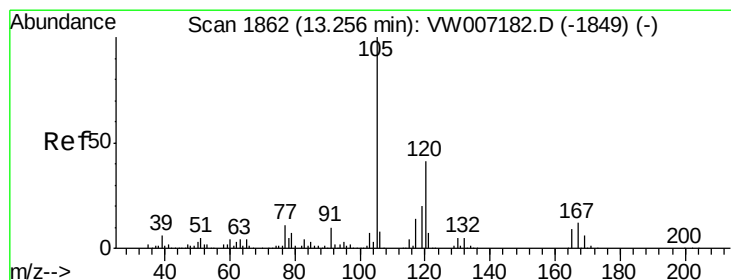
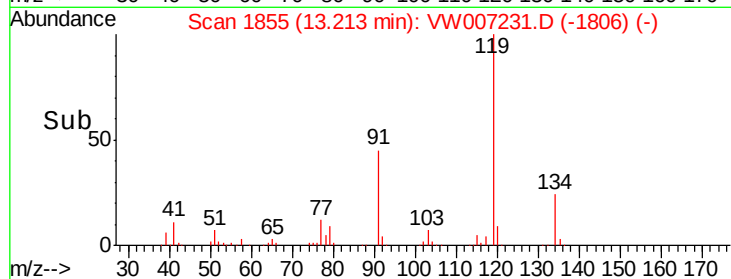
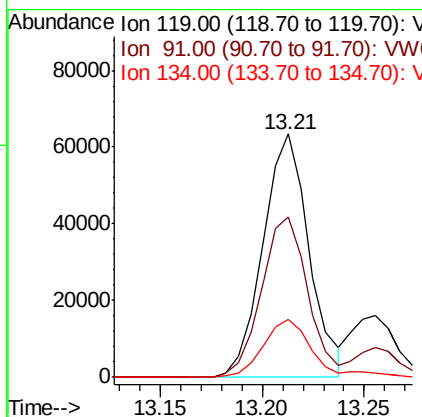
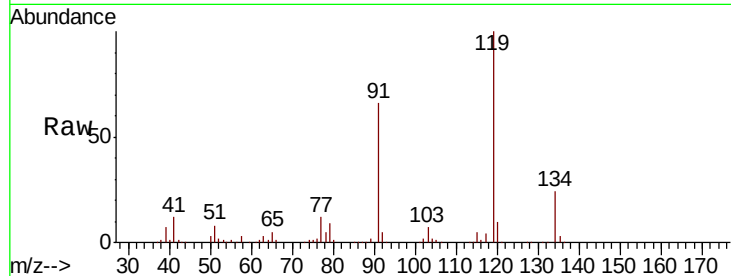
#83
 tert-Butylbenzene
 Concen: 21.700 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.1	34.0	101.8
134	25.7	13.2	39.5

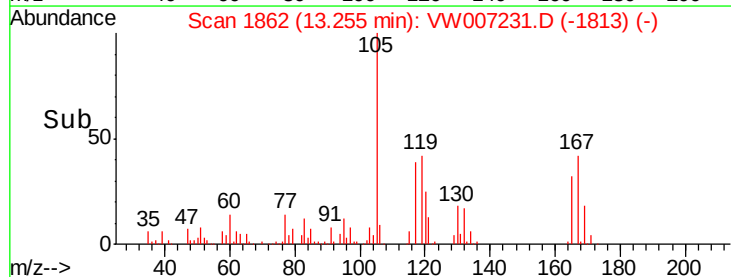
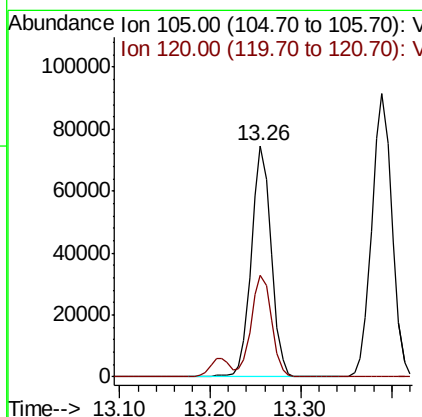
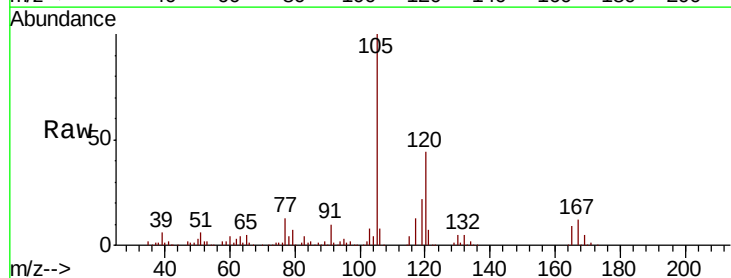
Manual Integrations
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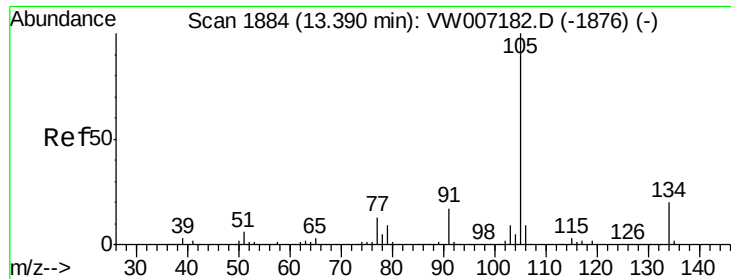
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.118 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.1	63.3





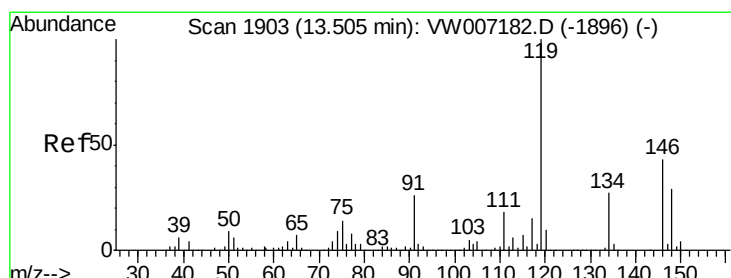
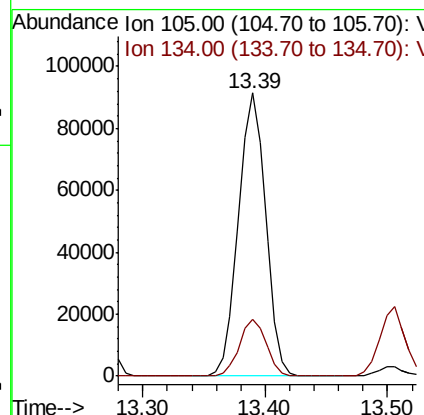
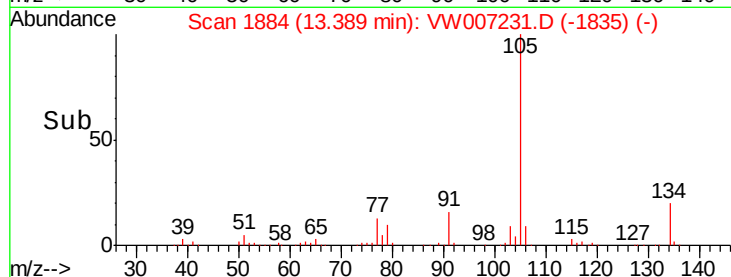
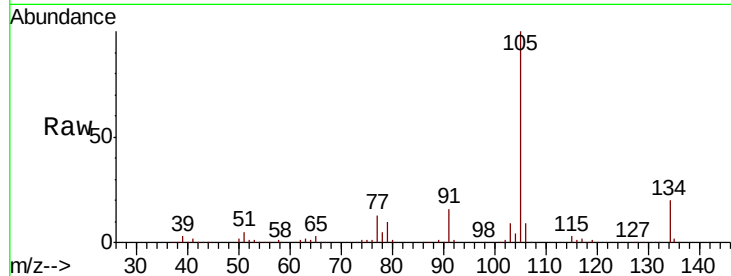
#85
 sec-Butylbenzene
 Concen: 21.413 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion:105 Resp: 140655
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8

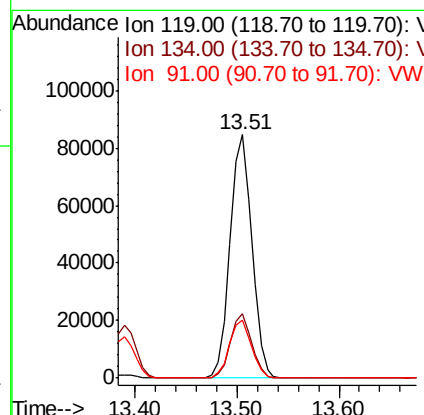
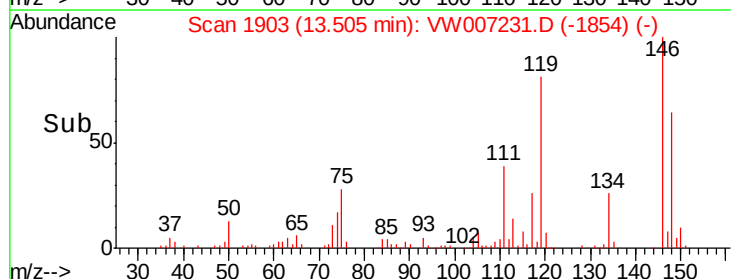
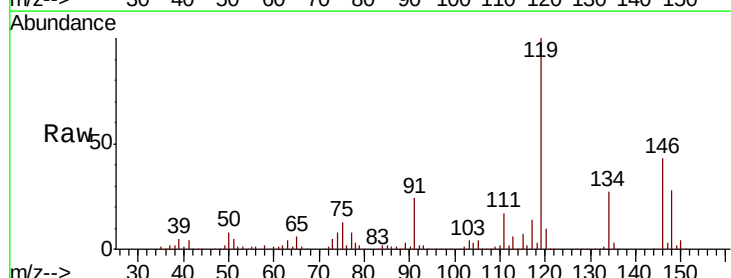
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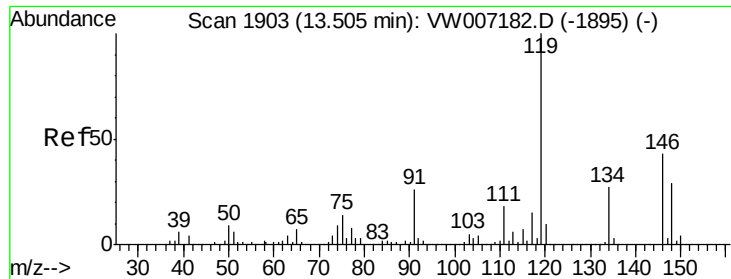
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#86
 p-Isopropyltoluene
 Concen: 21.475 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion:119 Resp: 125573
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 24.1 12.4 37.2





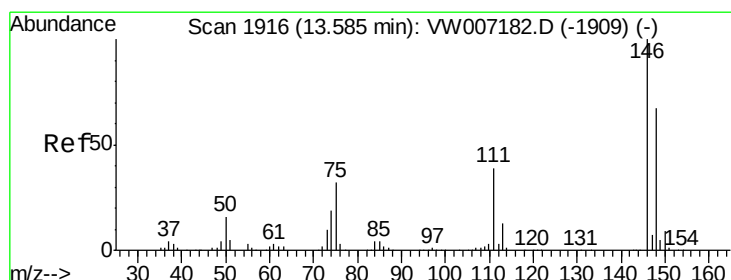
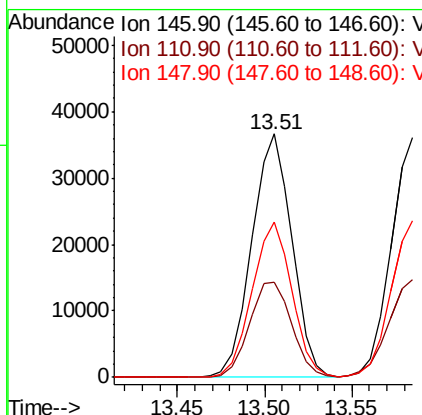
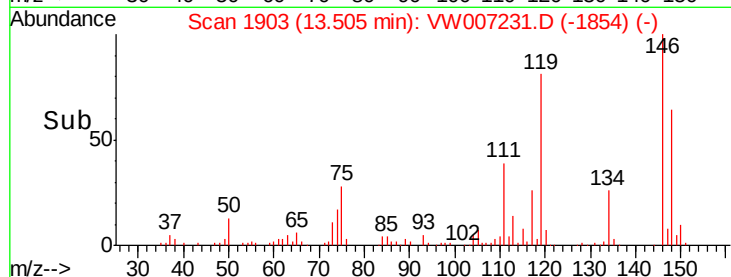
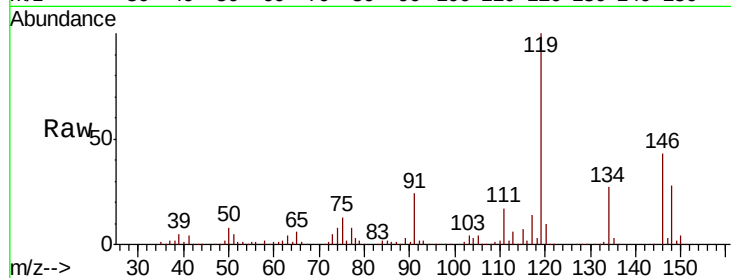
#87
 1,3-Dichlorobenzene
 Concen: 21.391 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	58338		
111	41.2	21.1	63.4	
148	63.2	32.8	98.4	

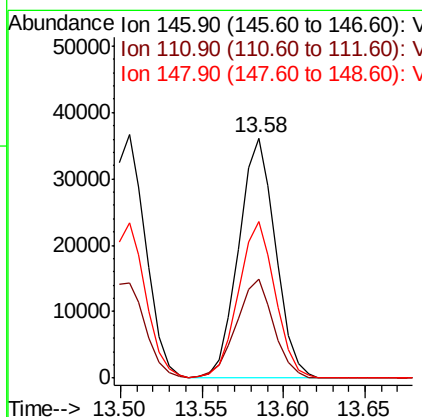
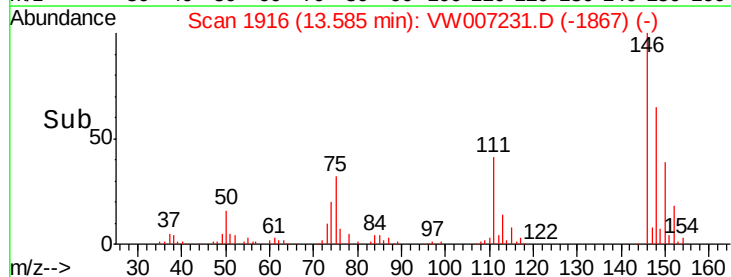
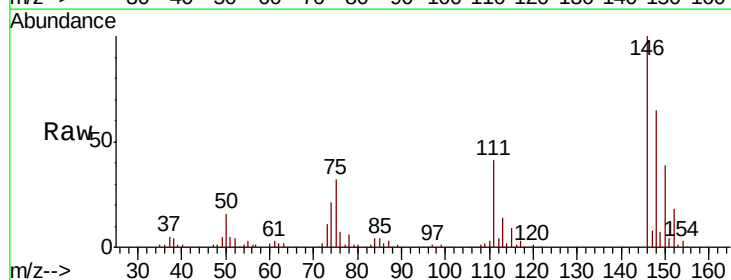
Manual Integrations
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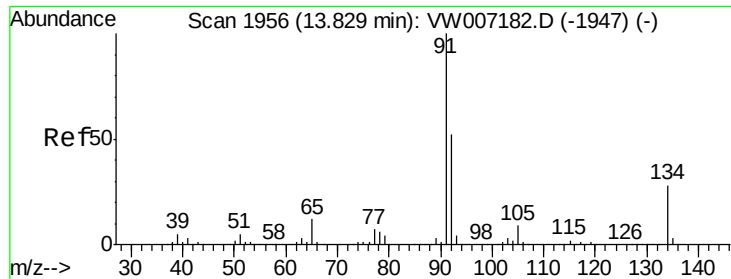
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#88
 1,4-Dichlorobenzene
 Concen: 20.499 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	56472		
111	42.3	19.6	58.8	
148	65.7	32.6	98.0	





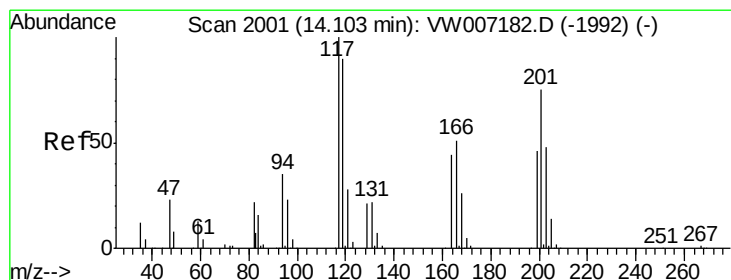
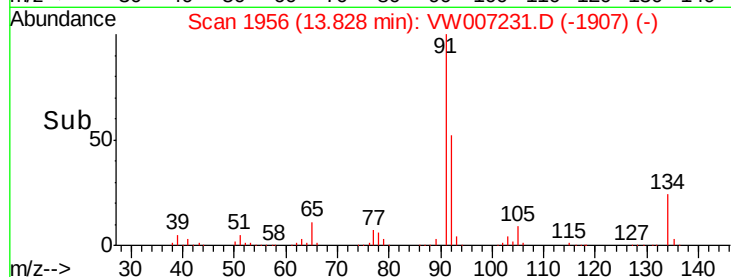
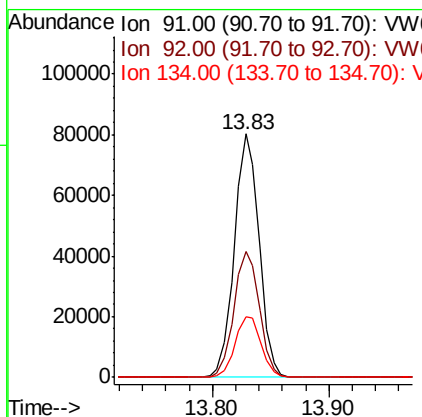
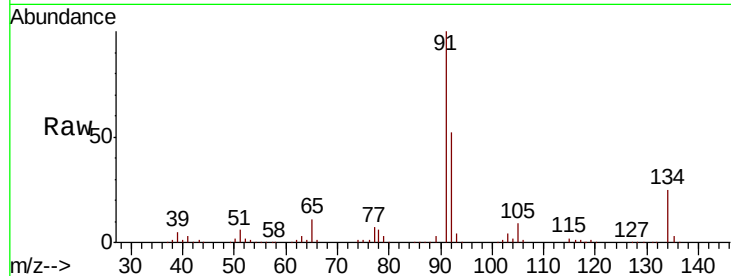
#89
n-Butylbenzene
Concen: 21.710 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	118632		
92	53.2	26.5	79.5	
134	26.4	14.1	42.2	

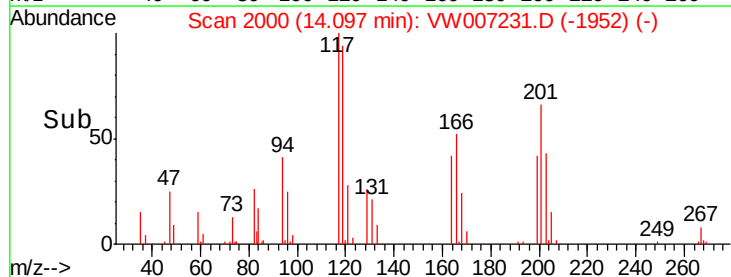
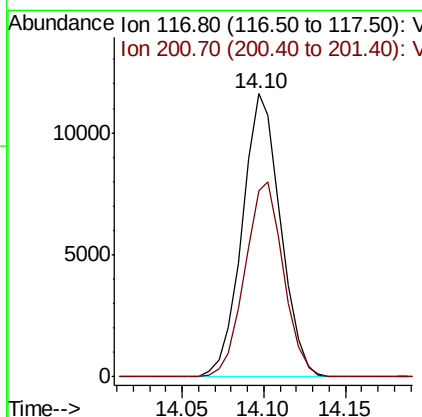
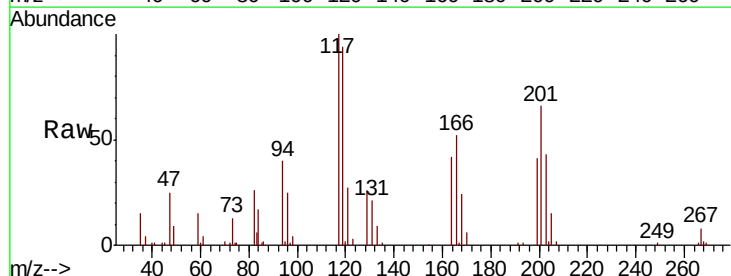
Manual Integrations
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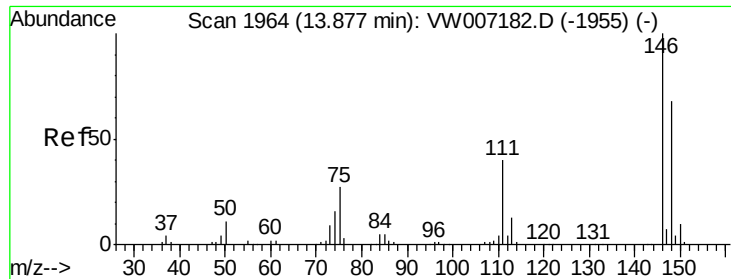
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#90
Hexachloroethane
Concen: 21.237 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18924		
201	68.9	36.0	108.1	





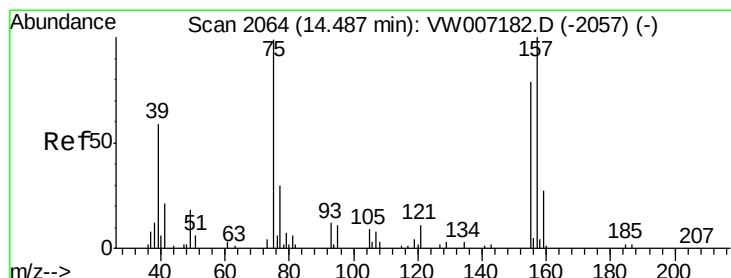
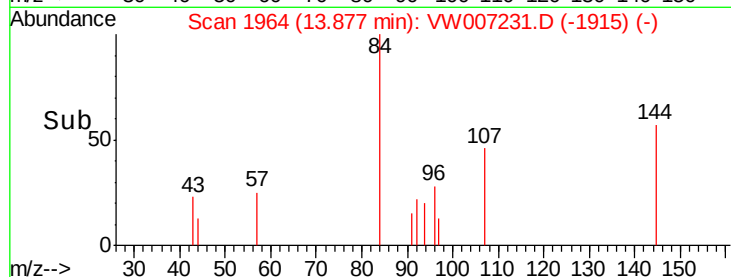
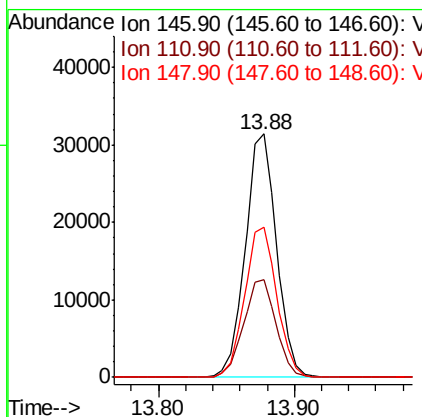
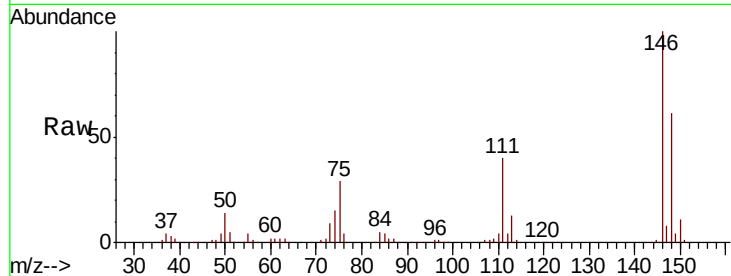
#91
 1,2-Dichlorobenzene
 Concen: 21.362 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.6	65.0
148	63.6	32.7	98.1

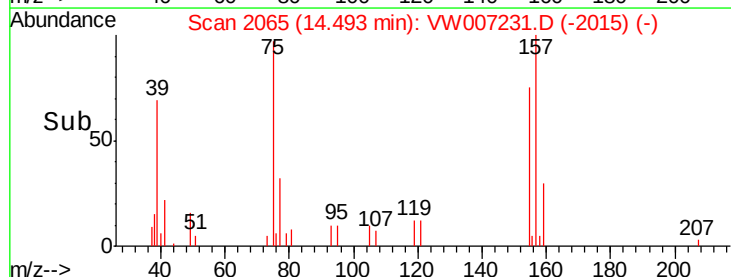
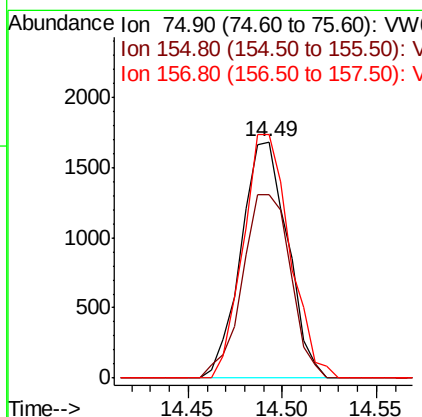
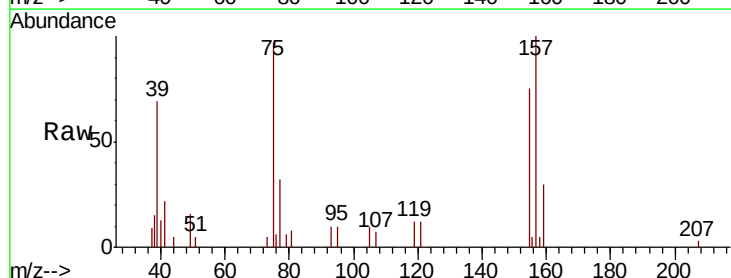
Manual Integrations
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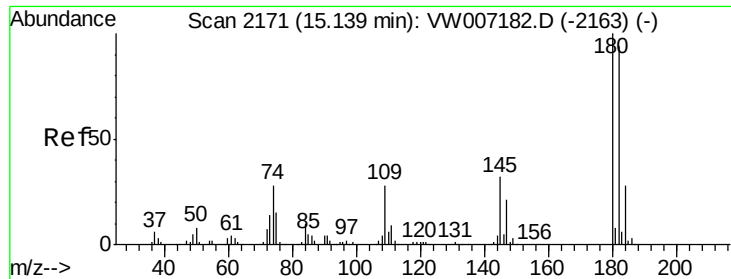
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.612 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007231.D
 Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	42.4	127.2
157	103.3	55.3	165.9





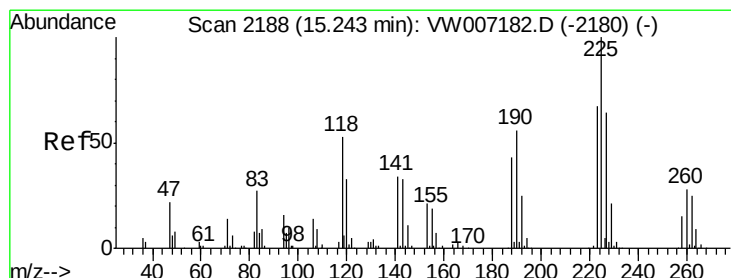
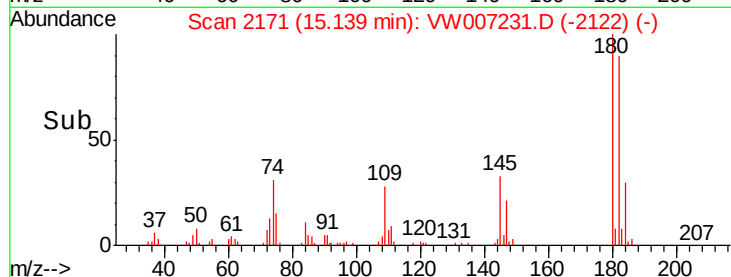
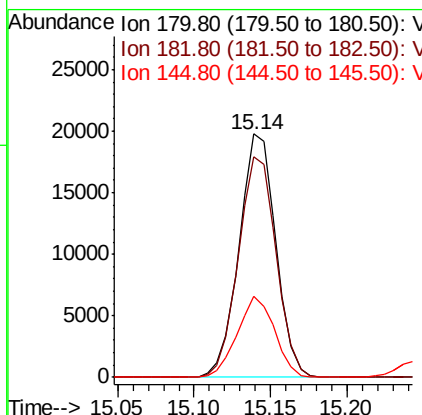
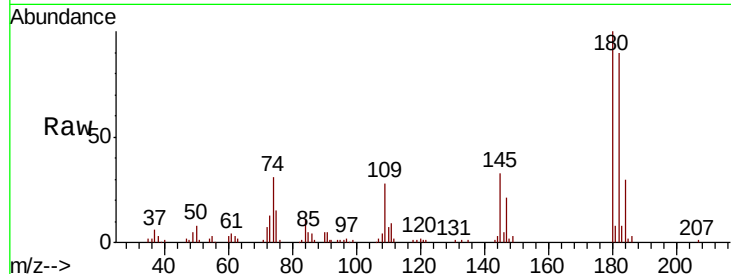
#93
1,2,4-Trichlorobenzene
Concen: 20.143 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.9	143.8
145	33.5	16.6	49.7

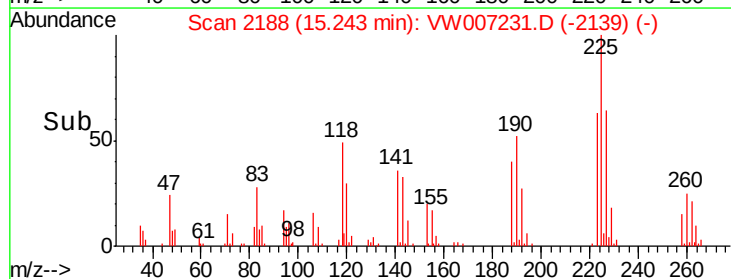
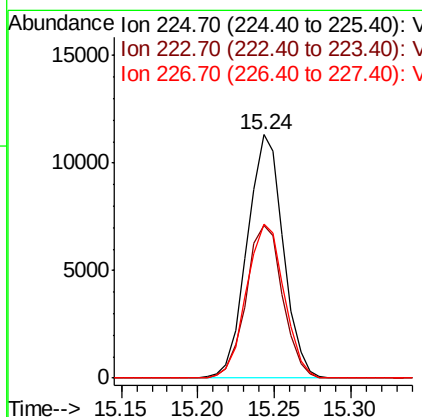
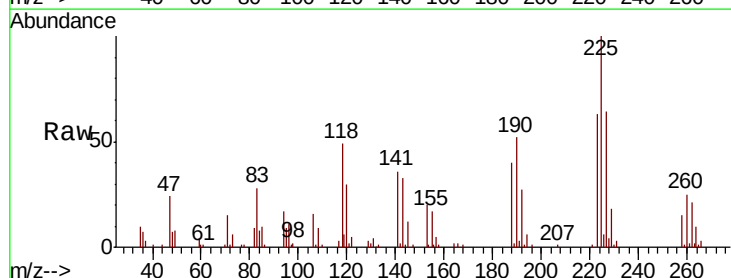
Manual Integrations
APPROVED

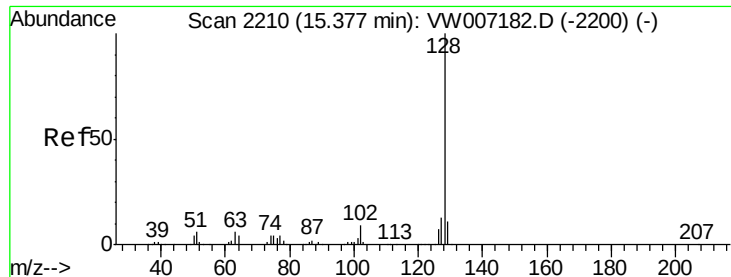
apatel
12/6/2018 12:55:42 PM



#94
Hexachlorobutadiene
Concen: 21.055 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.3	96.8
227	65.7	32.1	96.3





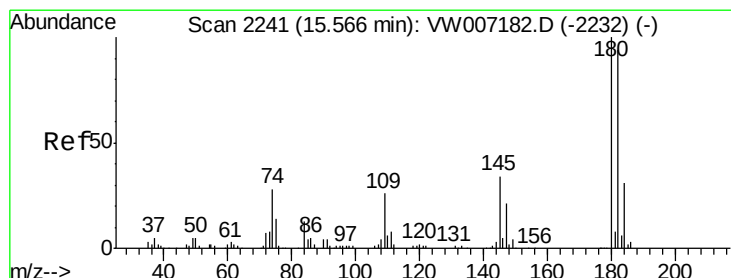
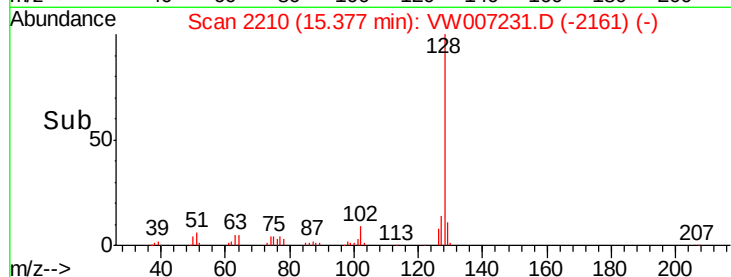
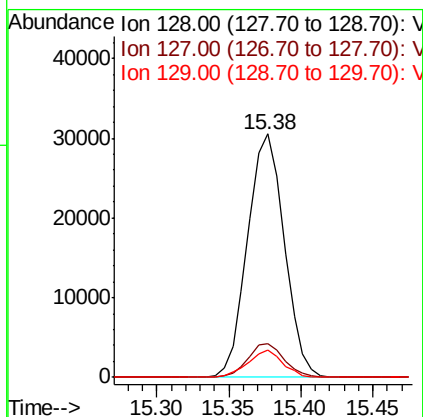
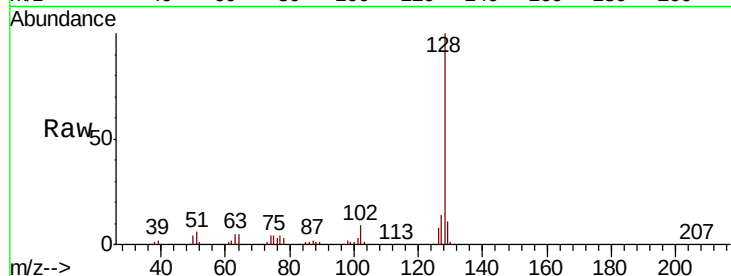
#95
Naphthalene
Concen: 18.406 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.4	8.6	13.0

Manual Integrations
APPROVED

apatel
12/6/2018 12:55:42 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.593 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007231.D
Acq: 05 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.2
145	35.3	17.6	52.8

