

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007759.D
 Acq On : 20 Dec 2018 20:34
 Operator : SY/AP
 Sample : J6392-19MSD
 Misc : 6.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:04:14 AM

Quant Time: Dec 21 04:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	71575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	117773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69723	88.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.76%	
35) Dibromofluoromethane	7.88	113	61920	86.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.36%	
50) Toluene-d8	10.32	98	223211	82.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.82%	
62) 4-Bromofluorobenzene	12.62	95	85926	82.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	30676	48.210	ug/l	94
3) Chloromethane	2.22	50	29747	76.134	ug/l	99
4) Vinyl Chloride	2.37	62	34604	69.574	ug/l	97
5) Bromomethane	2.78	94	25285	72.989	ug/l	91
6) Chloroethane	2.93	64	21020	78.996	ug/l	98
7) Trichlorofluoromethane	3.26	101	29843	57.633	ug/l	98
8) Diethyl Ether	3.68	74	22073	69.595	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41569	54.509	ug/l	99
10) Methyl Iodide	4.26	142	70507	58.137	ug/l	97
11) Tert butyl alcohol	5.17	59	19459	367.704	ug/l	98
12) 1,1-Dichloroethene	4.03	96	40003	56.648	ug/l	97
13) Acrolein	3.89	56	10453	247.041	ug/l	98
14) Allyl chloride	4.67	41	57034	61.588	ug/l	95
15) Acrylonitrile	5.37	53	47759	353.007	ug/l	99
16) Acetone	4.12	43	54686	372.257	ug/l	96
17) Carbon Disulfide	4.37	76	122643	56.122	ug/l	100
18) Methyl Acetate	4.67	43	30058	86.035	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	79249	78.170	ug/l	# 74
20) Methylene Chloride	4.91	84	49519	69.916	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44522	57.325	ug/l	95
22) Diisopropyl ether	6.32	45	115916	66.849	ug/l	96
23) Vinyl Acetate	6.26	43	321074	311.656	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76371	59.869	ug/l	98
25) 2-Butanone	7.17	43	62713	364.467	ug/l	97
26) 2,2-Dichloropropane	7.16	77	52761	56.522	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	50001	60.428	ug/l	99
28) Bromochloromethane	7.51	49	28778	66.167	ug/l	97
29) Tetrahydrofuran	7.53	42	39023	380.209	ug/l	97
30) Chloroform	7.68	83	84433	58.487	ug/l	99
31) Cyclohexane	7.96	56	65562	56.141	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72572	55.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61159	53.803	ug/l	99
37) Ethyl Acetate	7.26	43	27046	68.942	ug/l	97
38) Carbon Tetrachloride	8.07	117	64752	48.369	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80532	57.014	ug/l	97
40) Benzene	8.32	78	177049	58.368	ug/l	97
41) Methacrylonitrile	7.49	41	17994	80.789	ug/l	89
42) 1,2-Dichloroethane	8.40	62	61428	60.429	ug/l	96
43) Isopropyl Acetate	8.43	43	61629	78.413	ug/l	93
44) Trichloroethene	9.09	130	50344	54.882	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41477	61.624	ug/l	94
46) Dibromomethane	9.46	93	24755	59.749	ug/l	98
47) Bromodichloromethane	9.65	83	62394	57.283	ug/l	98
48) Methyl methacrylate	9.44	41	25867	65.935	ug/l	94
49) 1,4-Dioxane	9.44	88	9364	1425.514	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	134070	360.948	ug/l	100
52) Toluene	10.39	92	136715	67.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66279	61.176	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	71622	59.850	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40014	70.055	ug/l	97
56) Ethyl methacrylate	10.65	69	46122	68.344	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59879	63.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93831	304.530	ug/l	99
59) 2-Hexanone	10.97	43	96756	370.398	ug/l	100
60) Dibromochloromethane	11.13	129	41843	55.328	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35539	61.442	ug/l	97
64) Tetrachloroethene	10.87	164	42078	57.207	ug/l	97
65) Chlorobenzene	11.66	112	128283	57.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	56.875	ug/l	98
67) Ethyl Benzene	11.73	91	224730	58.252	ug/l	98
68) m/p-Xylenes	11.84	106	175813	117.479	ug/l	98
69) o-Xylene	12.17	106	85595	61.016	ug/l	98
70) Styrene	12.18	104	136216	59.071	ug/l	99
71) Bromoform	12.35	173	23846	57.182	ug/l #	99
73) Isopropylbenzene	12.47	105	250744	65.979	ug/l	99
74) N-amyl acetate	12.27	43	50298	76.408	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	40111	70.394	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31044m	79.888	ug/l	
77) Bromobenzene	12.75	156	52569	60.358	ug/l	95
78) n-propylbenzene	12.81	91	270350	61.111	ug/l	100
79) 2-Chlorotoluene	12.90	91	149712	58.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	191824	58.517	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11974	64.680	ug/l	98
82) 4-Chlorotoluene	12.99	91	157176	57.279	ug/l	99
83) tert-Butylbenzene	13.21	119	159291	55.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	206001	62.278	ug/l	99
85) sec-Butylbenzene	13.39	105	209052	52.737	ug/l	100
86) p-Isopropyltoluene	13.51	119	190423	52.828	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	99628	57.613	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100384	58.033	ug/l	99
89) n-Butylbenzene	13.83	91	162061	49.036	ug/l	99
90) Hexachloroethane	14.10	117	31877	50.373	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	93857	60.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8018	68.520	ug/l	98

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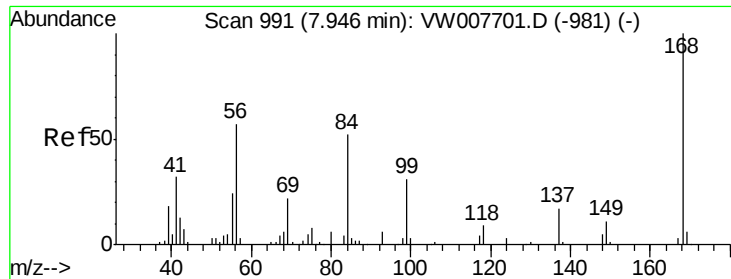
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61583	57.301	ug/l	98
94) Hexachlorobutadiene	15.24	225	24891	43.337	ug/l	100
95) Naphthalene	15.38	128	155878	78.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	56596	61.519	ug/l	98

(#) = 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. 0.01 min

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Tgt Ion:168 Resp: 71575

Ion Ratio Lower Upper

168 100

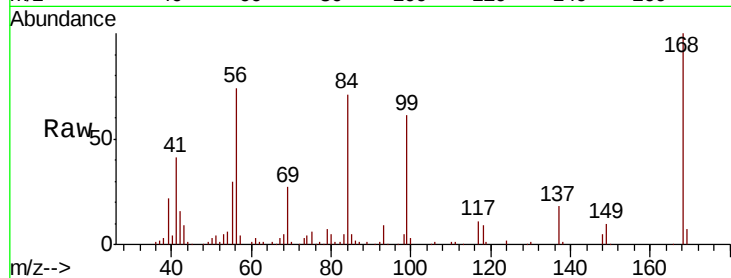
99 60.9 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

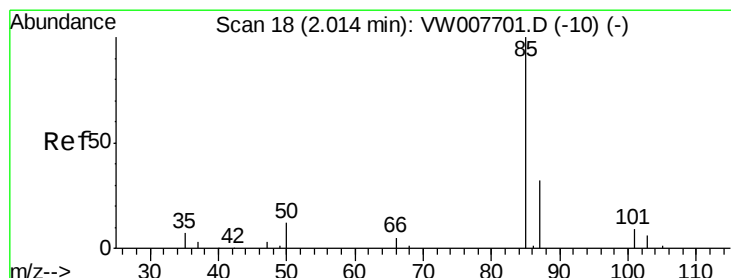
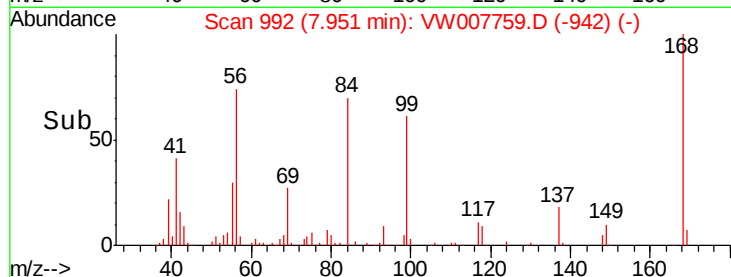
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.210 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007759.D

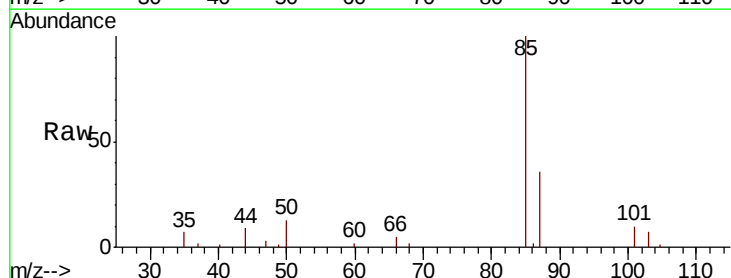
Acq: 20 Dec 2018 20:34

Tgt Ion: 85 Resp: 30676

Ion Ratio Lower Upper

85 100

87 35.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

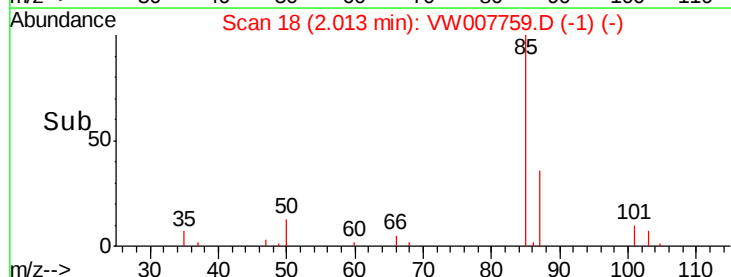
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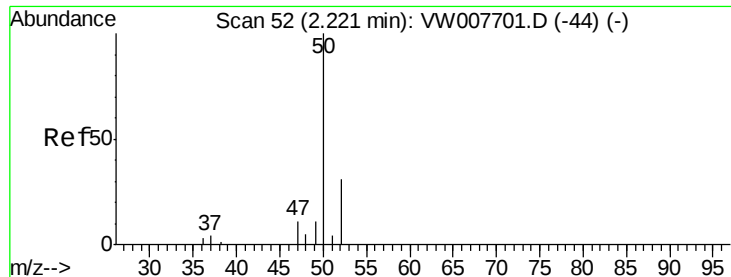
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 76.134 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

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ClientSampleId :

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Tgt Ion: 50 Resp: 29747

Ion Ratio Lower Upper

50 100

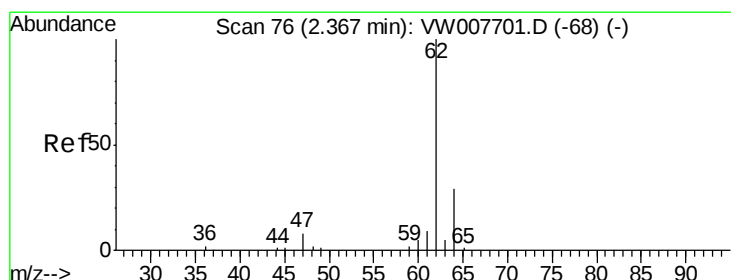
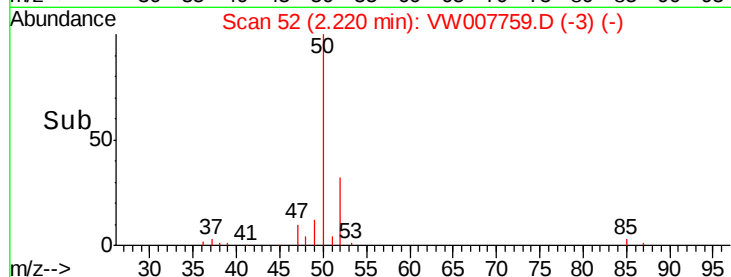
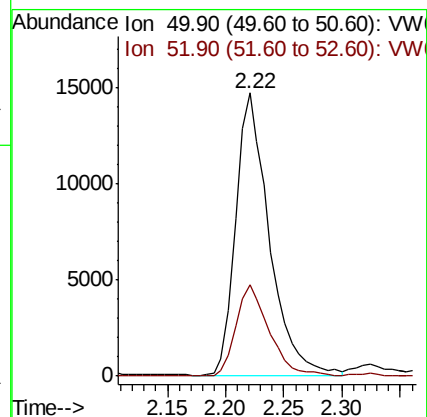
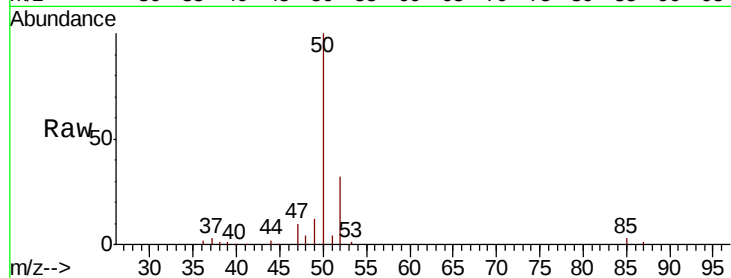
52 32.2 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 69.574 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007759.D

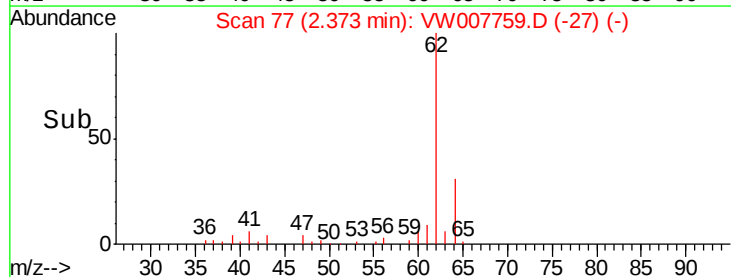
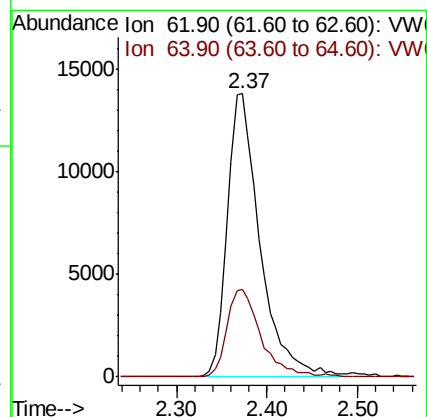
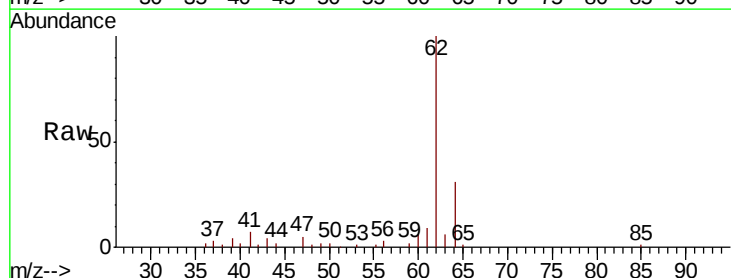
Acq: 20 Dec 2018 20:34

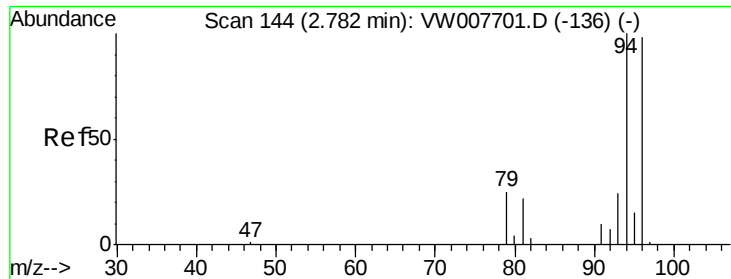
Tgt Ion: 62 Resp: 34604

Ion Ratio Lower Upper

62 100

64 30.9 23.4 35.0





#5

Bromomethane

Concen: 72.989 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007759.D

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Tgt Ion: 94 Resp: 25285

Ion Ratio Lower Upper

94 100

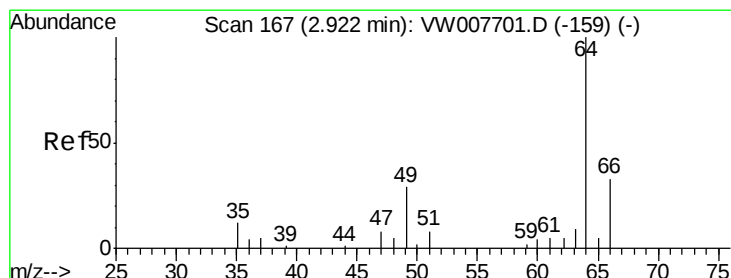
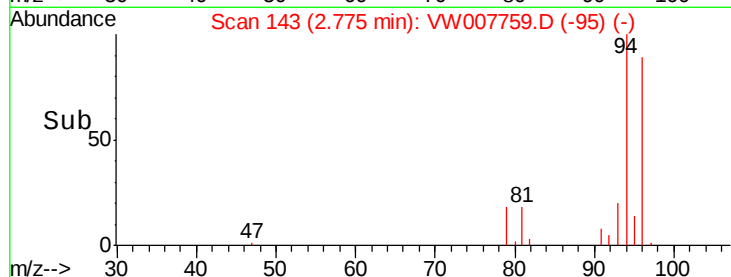
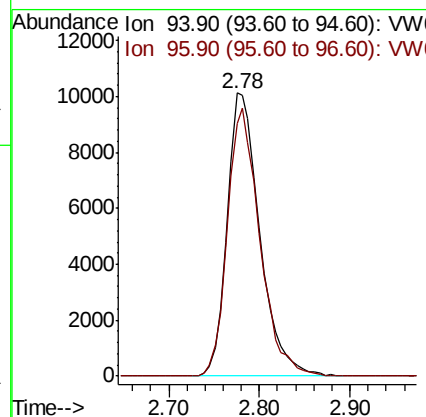
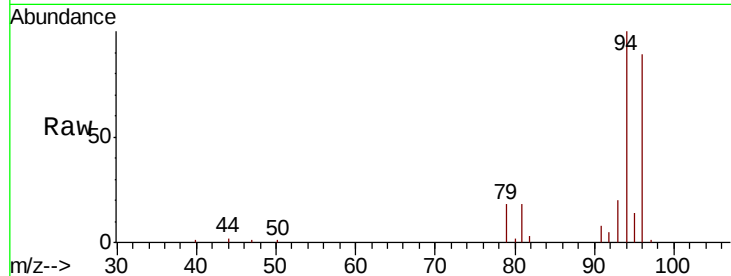
96 89.3 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 78.996 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007759.D

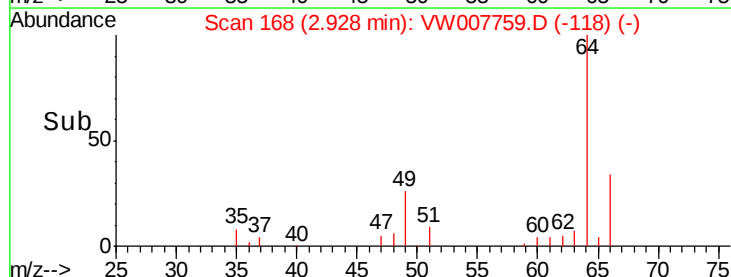
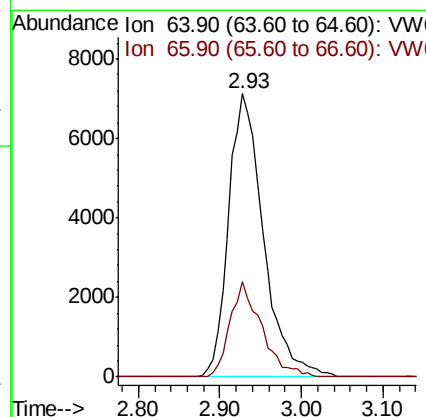
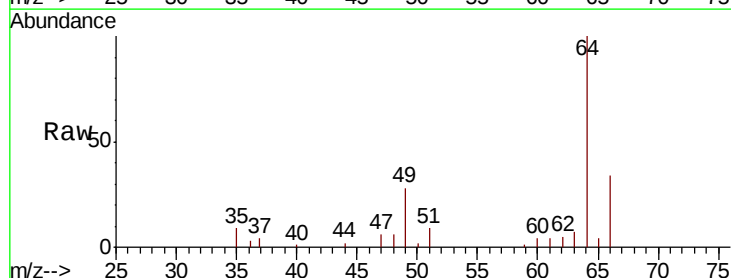
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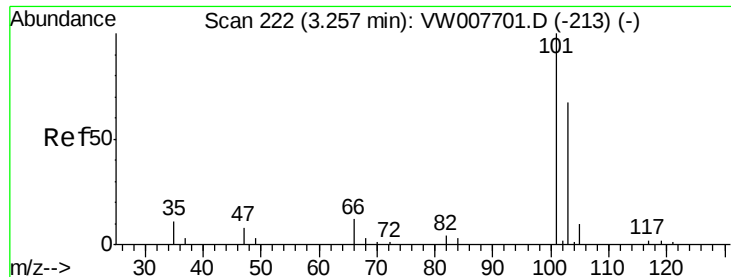
Tgt Ion: 64 Resp: 21020

Ion Ratio Lower Upper

64 100

66 33.7 26.2 39.4





#7

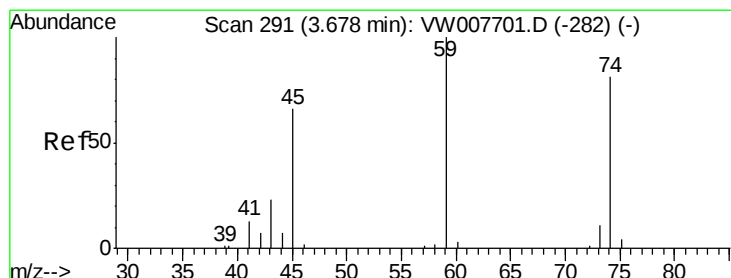
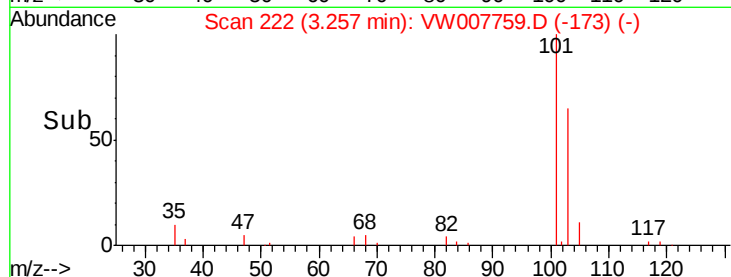
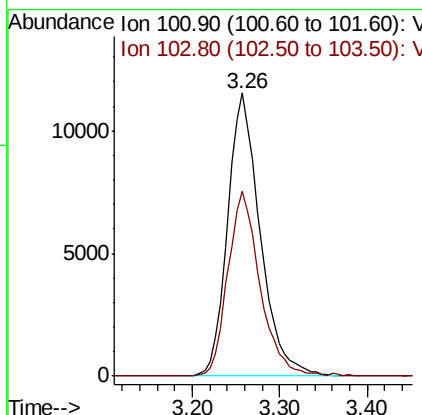
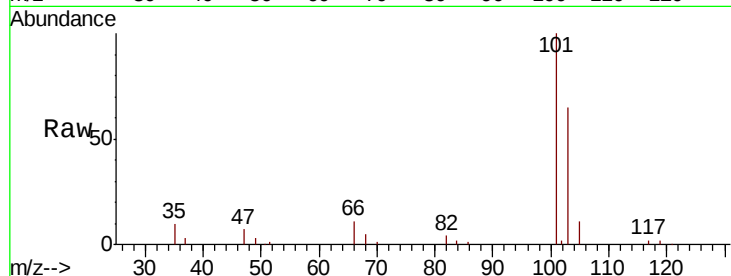
Trichlorofluoromethane
 Concen: 57.633 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007759.D
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Tgt Ion: 101 Resp: 29843
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.4 80.2

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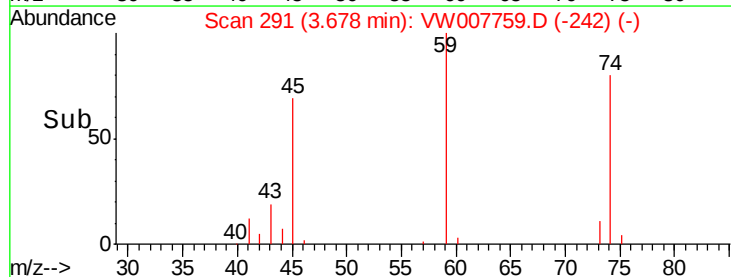
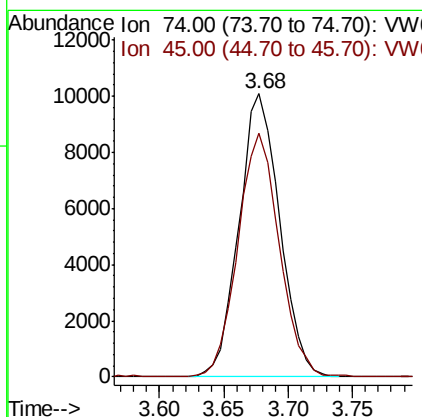
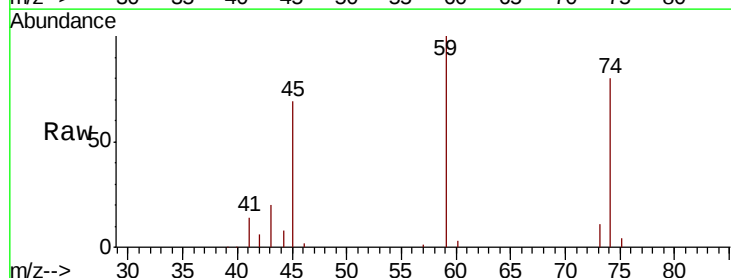
apatel
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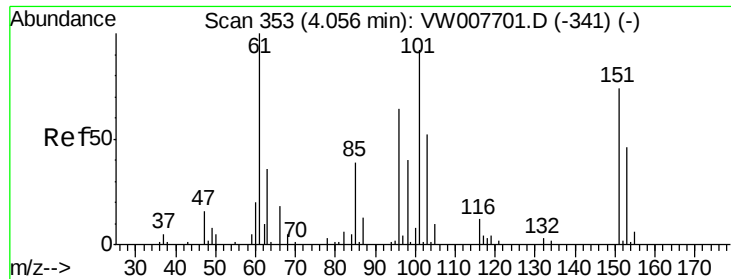


#8

Diethyl Ether
 Concen: 69.595 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 74 Resp: 22073
 Ion Ratio Lower Upper
 74 100
 45 87.6 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.509 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

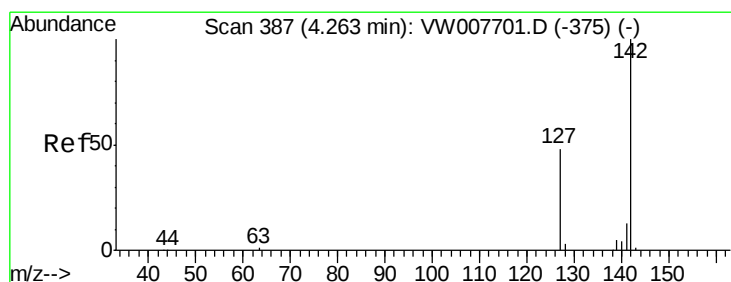
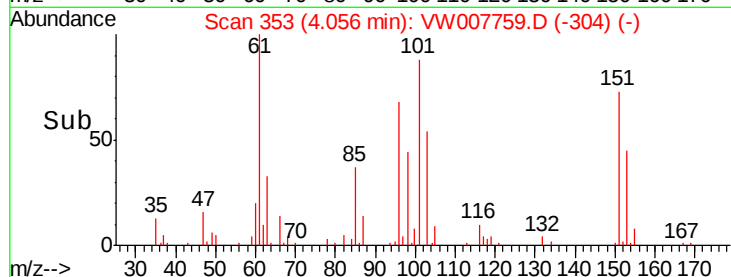
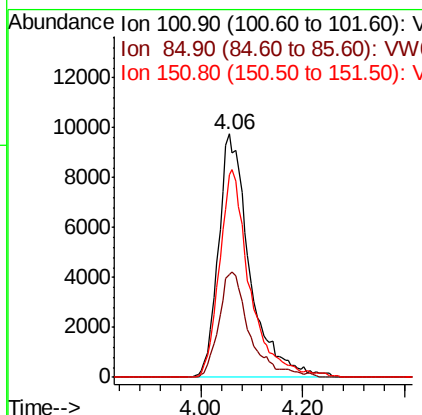
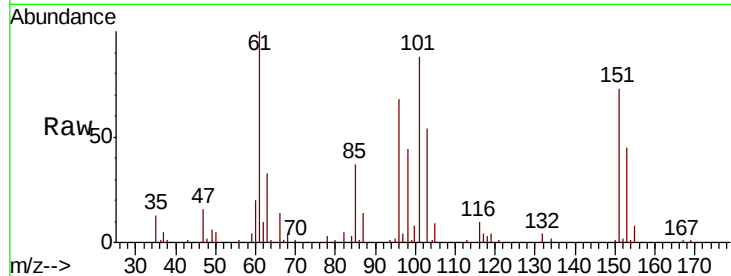
ClientSampleId :

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Tgt Ion:	101	Resp:	41569
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.3	51.5
151	81.4	64.6	96.8

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#10

Methyl Iodide

Concen: 58.137 ug/l

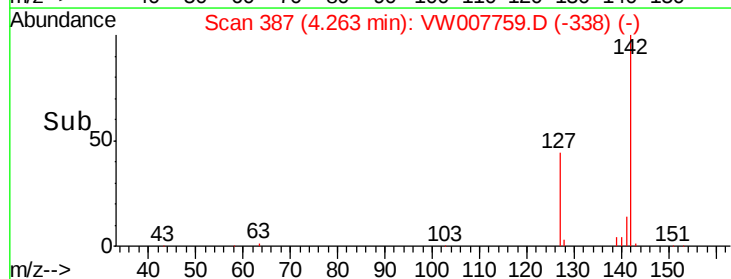
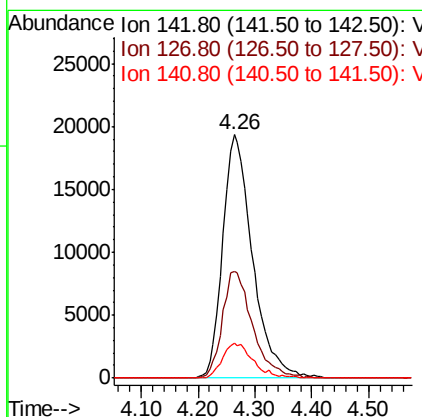
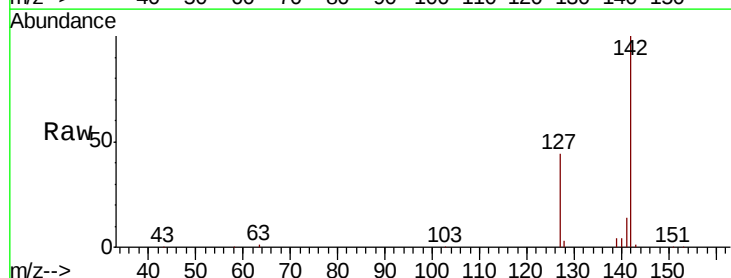
RT: 4.26 min Scan# 387

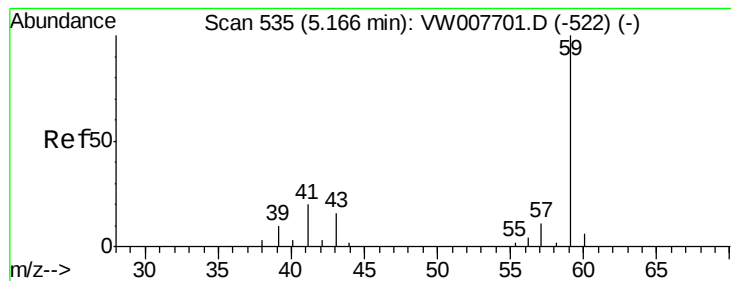
Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	142	Resp:	70507
Ion Ratio	Lower	Upper	
142	100		
127	44.4	37.7	56.5
141	14.8	11.5	17.3





#11

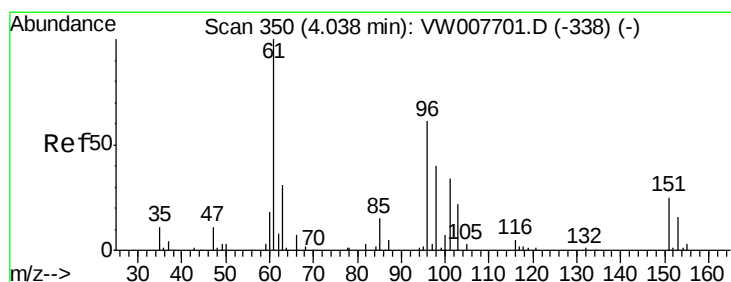
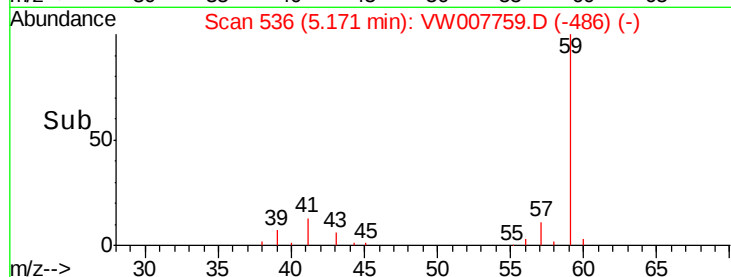
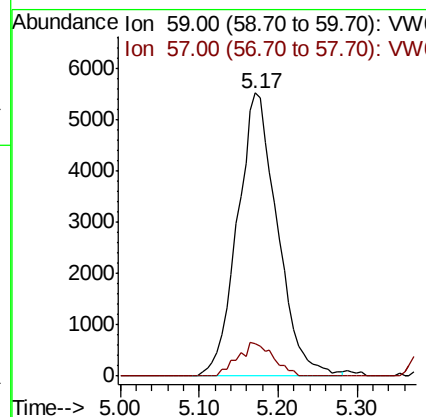
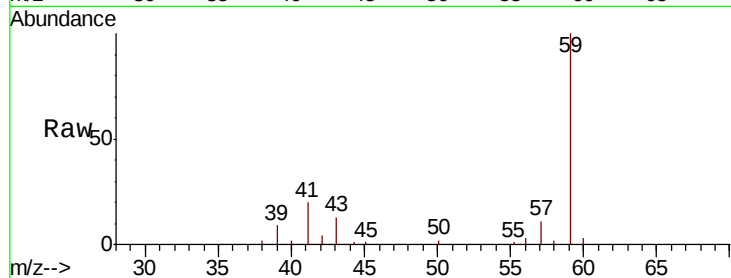
Tert butyl alcohol
 Concen: 367.704 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.8

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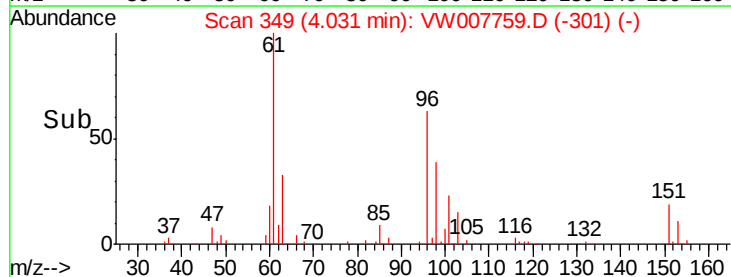
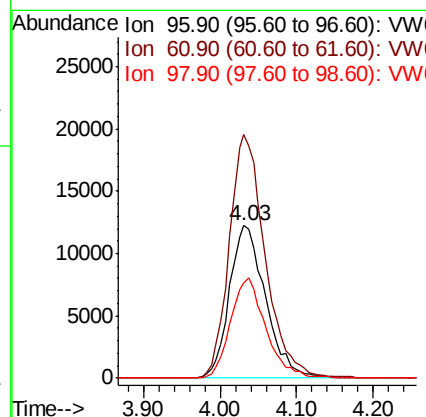
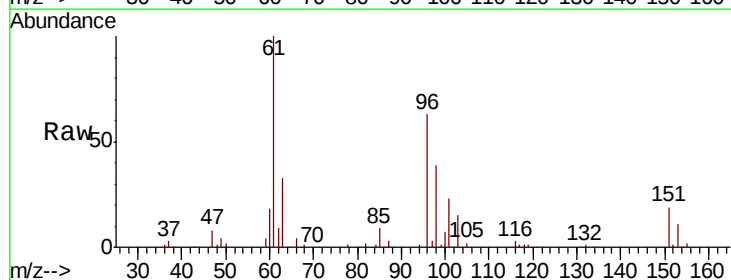
apatel
 12/21/2018 11:04:14 AM

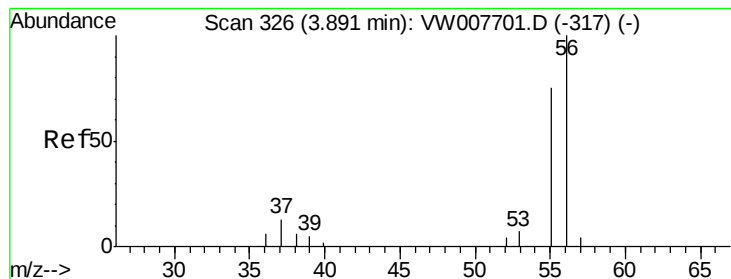


#12

1,1-Dichloroethene
 Concen: 56.648 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.0	130.6	195.8
98	62.5	52.3	78.5





#13

Acrolein

Concen: 247.041 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 56 Resp: 10453

Ion Ratio Lower Upper

56 100

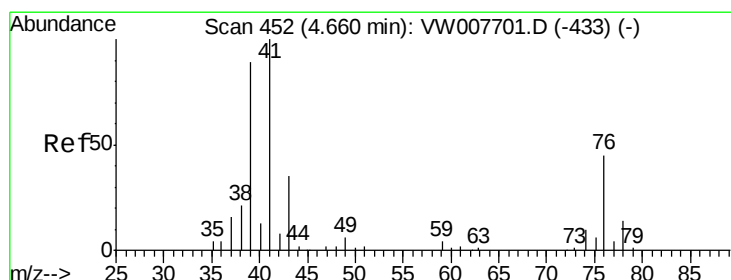
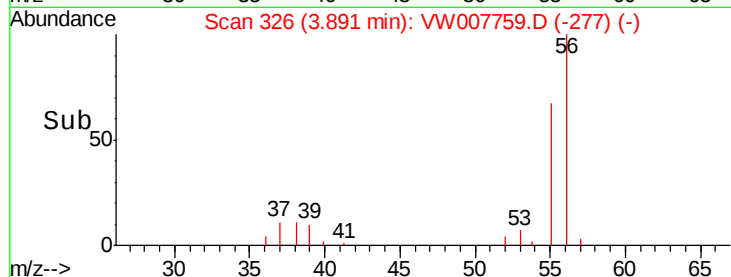
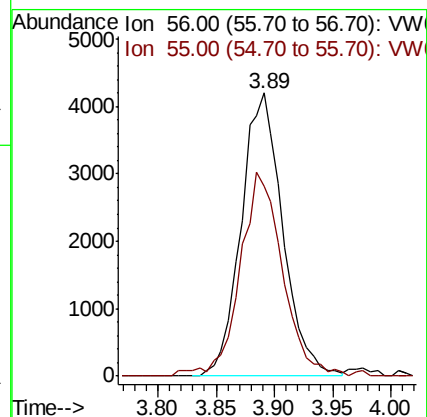
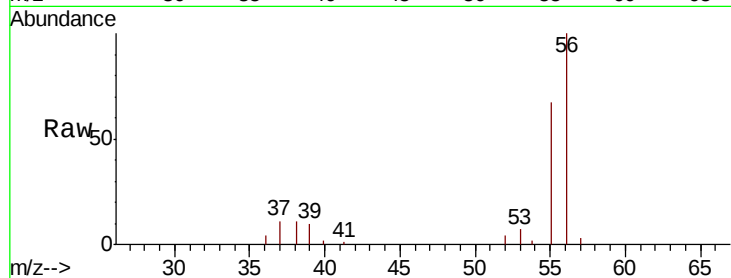
55 73.7 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 61.588 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

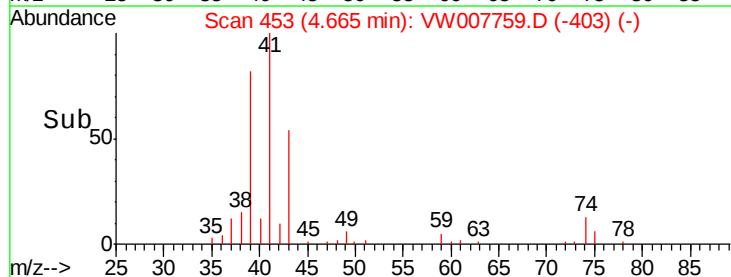
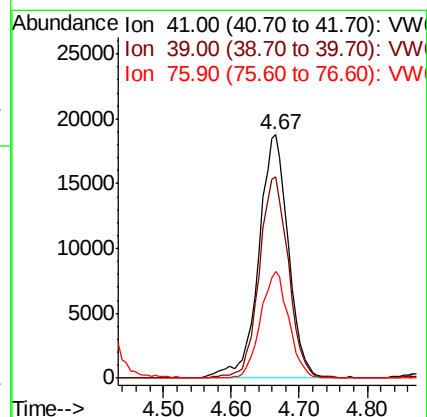
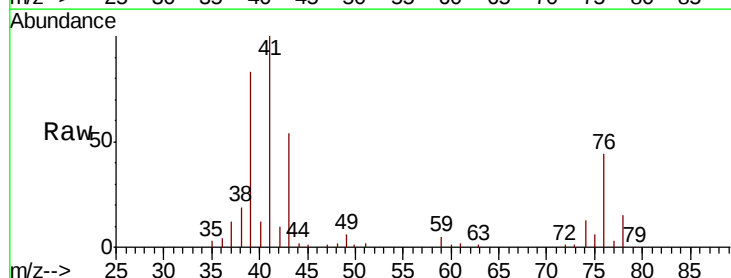
Tgt Ion: 41 Resp: 57034

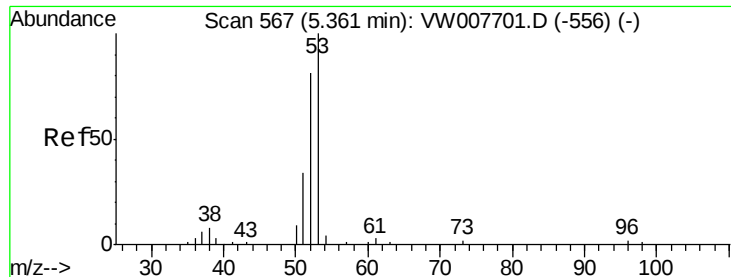
Ion Ratio Lower Upper

41 100

39 81.4 69.5 104.3

76 41.4 34.8 52.2





#15

Acrylonitrile

Concen: 353.007 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

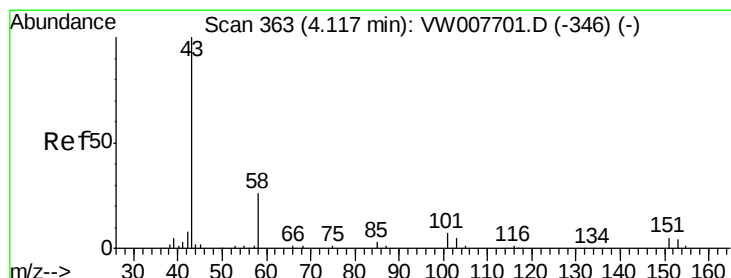
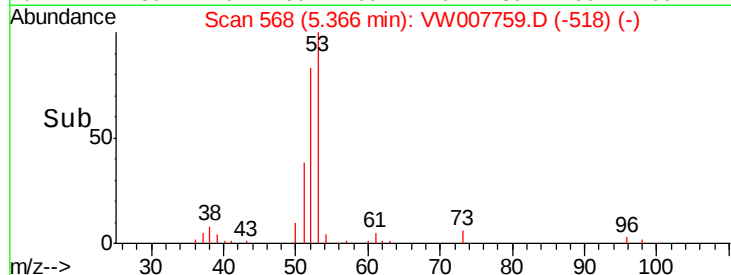
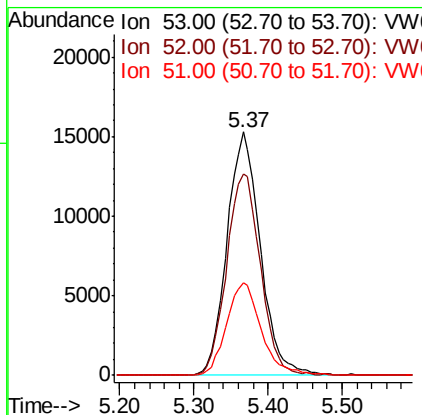
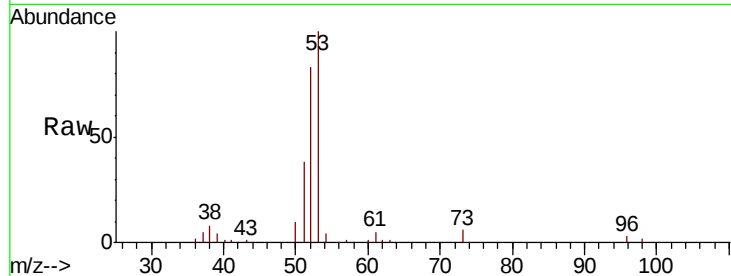
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	53	Resp:	47759
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.0	100.4
51	39.7	30.2	45.2

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#16

Acetone

Concen: 372.257 ug/l

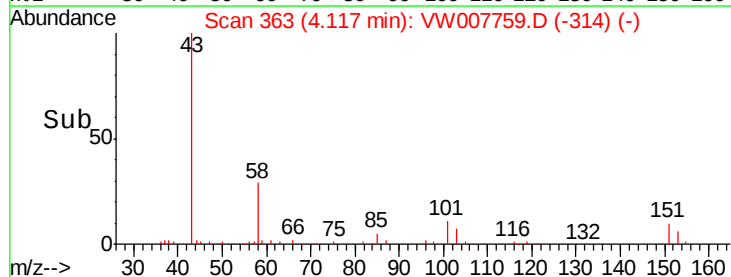
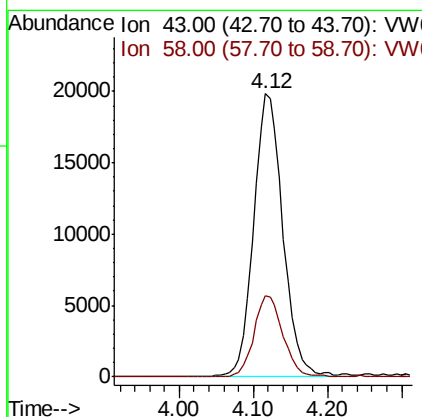
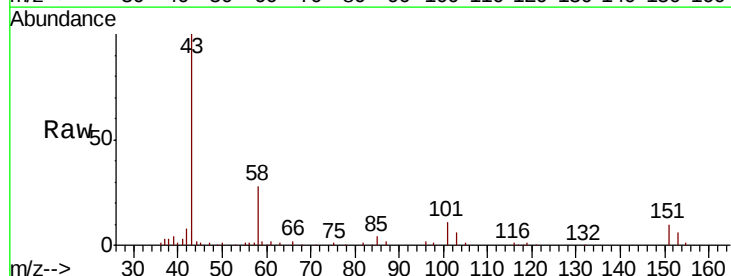
RT: 4.12 min Scan# 363

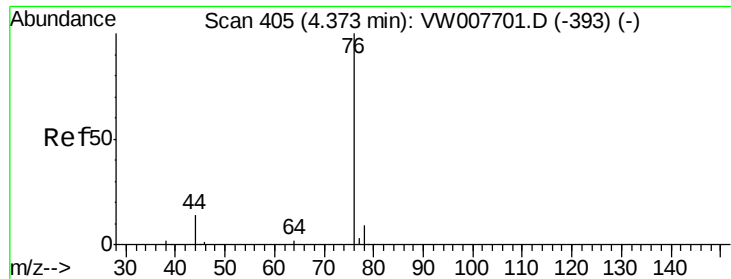
Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	43	Resp:	54686
Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.2	31.8





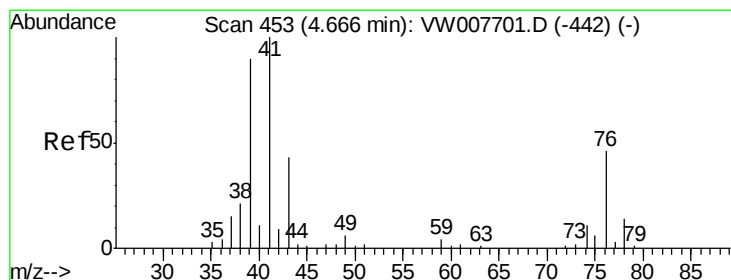
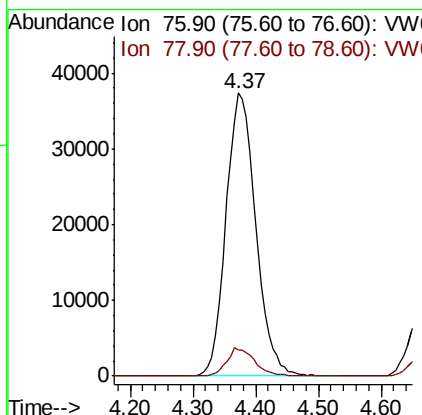
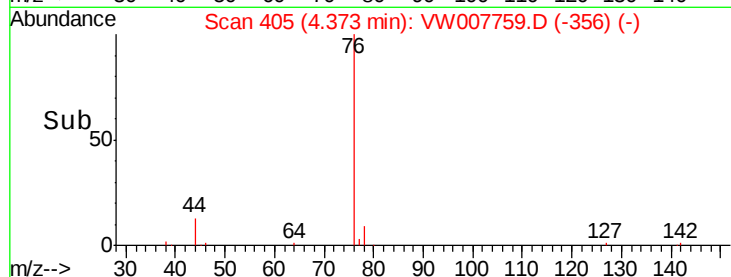
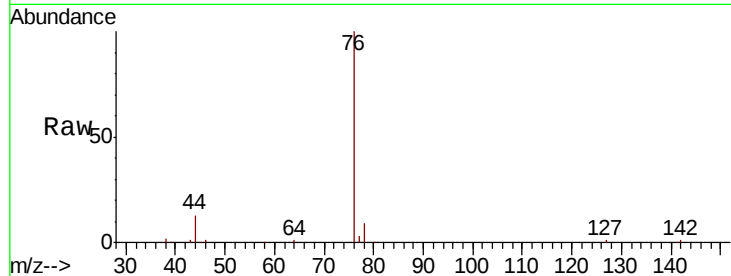
#17
Carbon Disulfide
Concen: 56.122 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 76 Resp: 122643
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

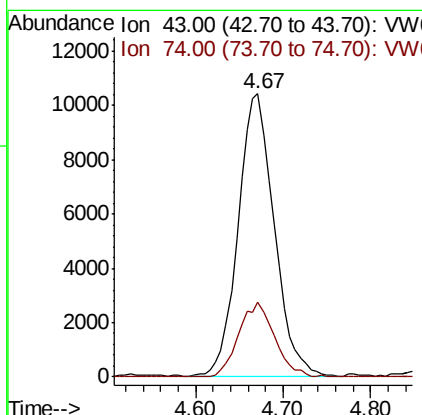
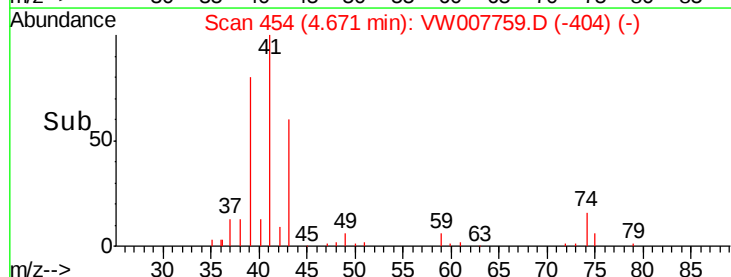
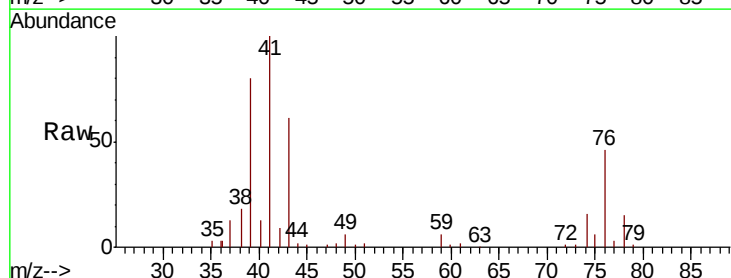
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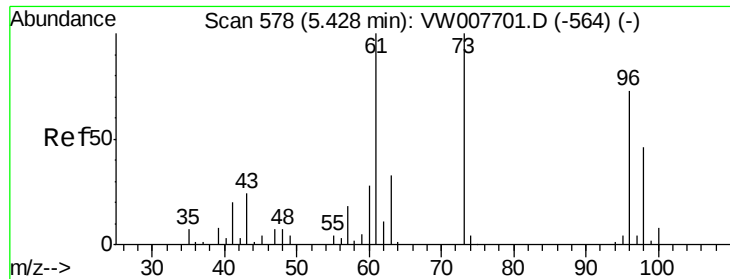
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#18
Methyl Acetate
Concen: 86.035 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 43 Resp: 30058
Ion Ratio Lower Upper
43 100
74 25.7 22.7 34.1





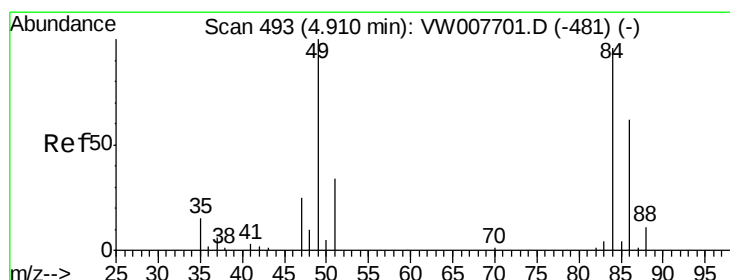
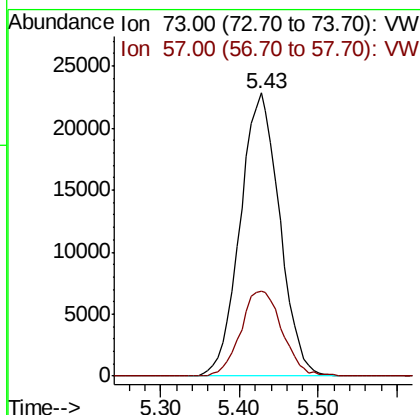
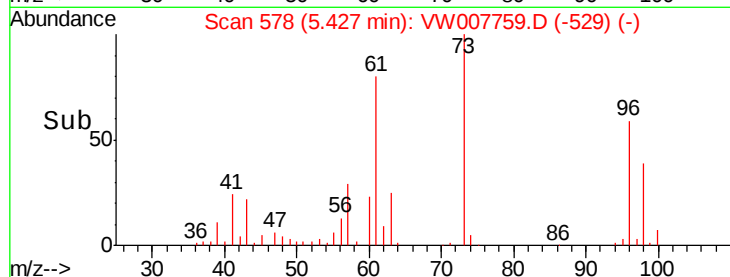
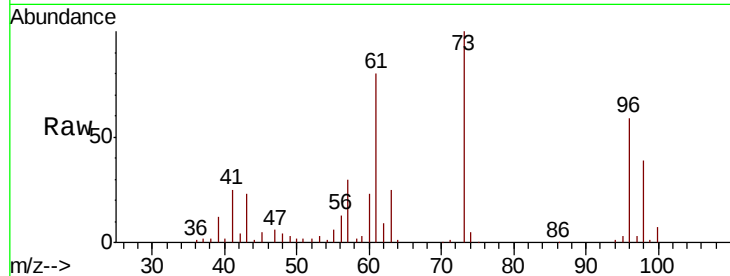
#19
Methyl tert-butyl Ether
Concen: 78.170 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 73 Resp: 79249
Ion Ratio Lower Upper
73 100
57 29.9 14.7 22.1#

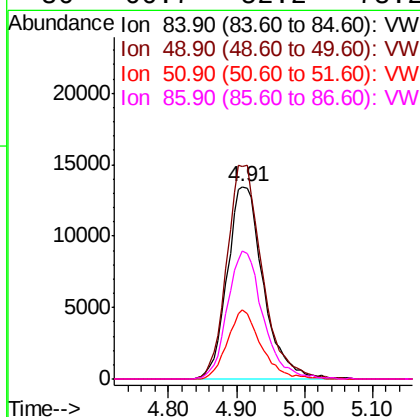
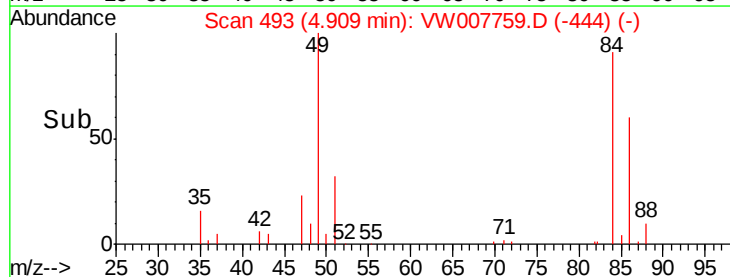
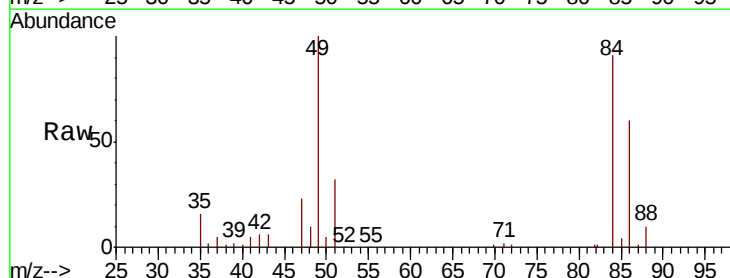
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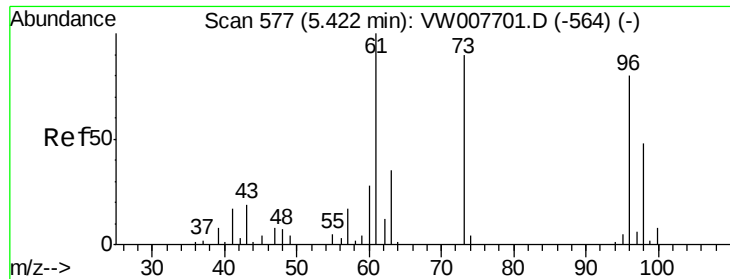
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#20
Methylene Chloride
Concen: 69.916 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 84 Resp: 49519
Ion Ratio Lower Upper
84 100
49 110.3 83.7 125.5
51 35.7 28.2 42.2
86 66.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 57.325 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 96 Resp: 44522

Ion Ratio Lower Upper

96 100

61 131.4 100.1 150.1

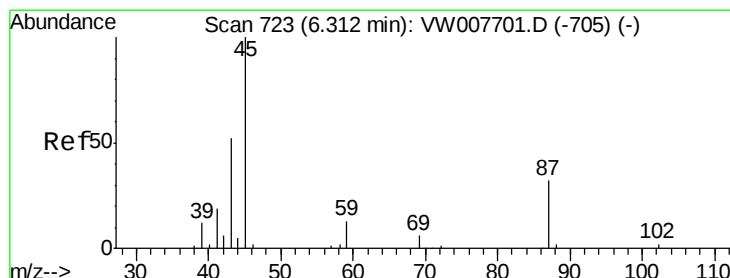
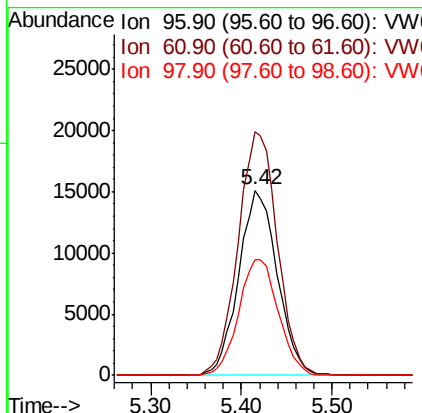
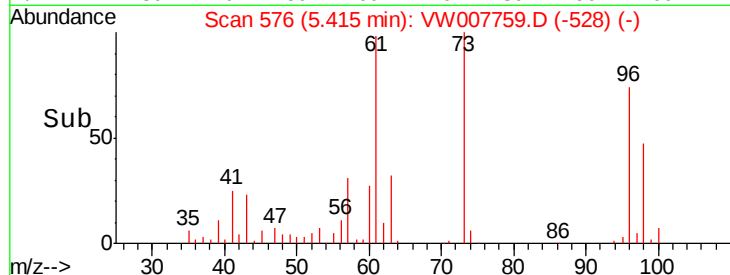
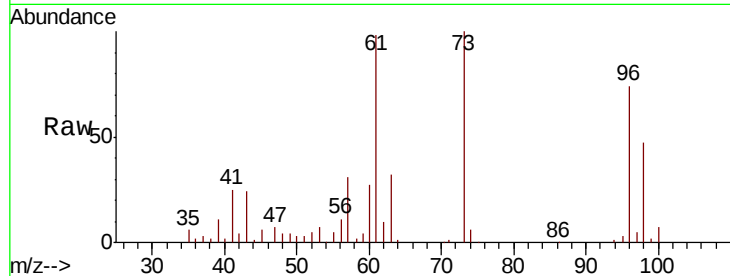
98 62.6 48.5 72.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 66.849 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion: 45 Resp: 115916

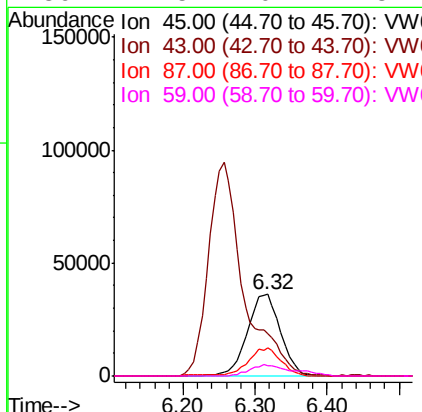
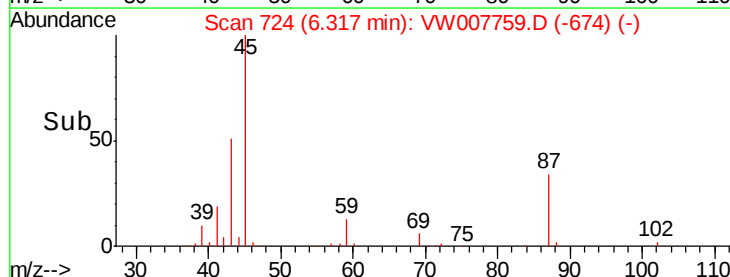
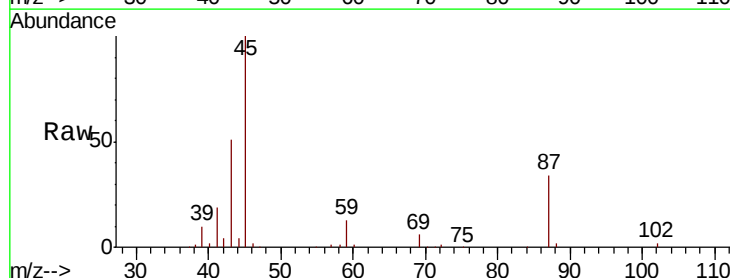
Ion Ratio Lower Upper

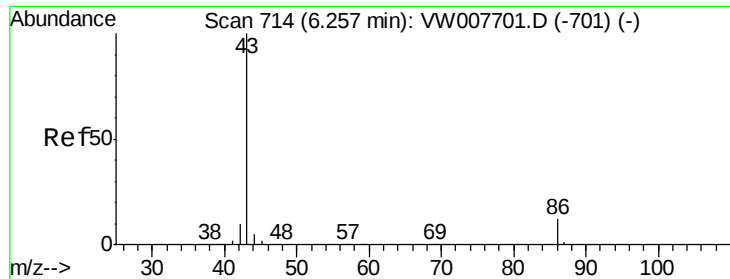
45 100

43 50.7 43.7 65.5

87 34.4 26.6 40.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 311.656 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 43 Resp: 321074

Ion Ratio Lower Upper

43 100

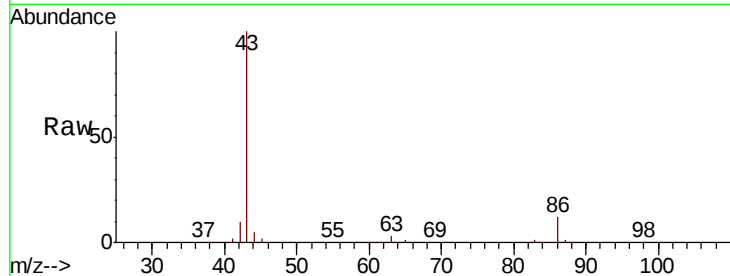
86 12.1 9.6 14.4

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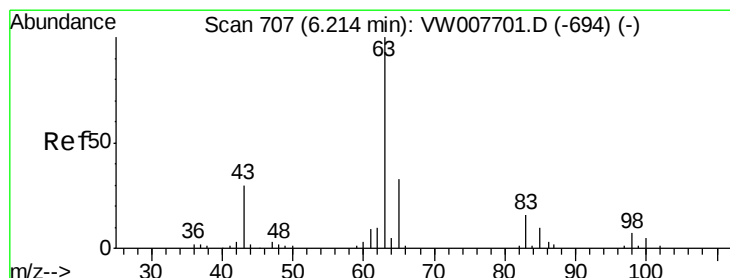
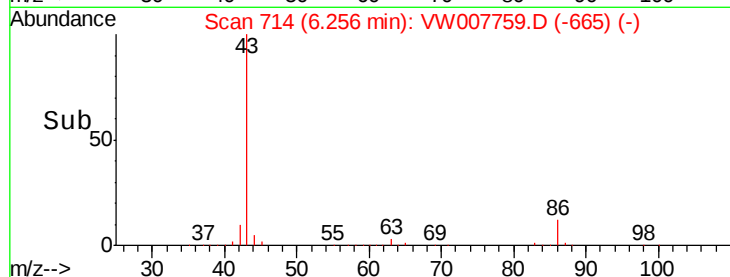
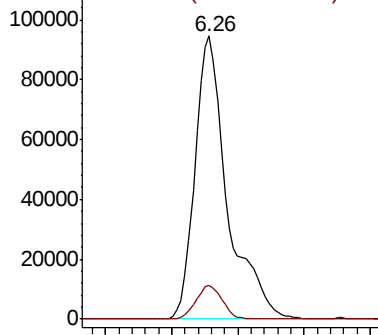
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 59.869 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

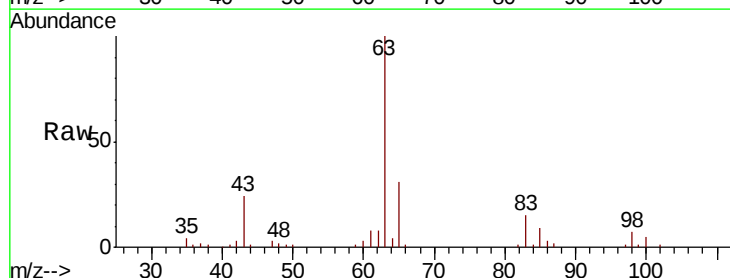
Tgt Ion: 63 Resp: 76371

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

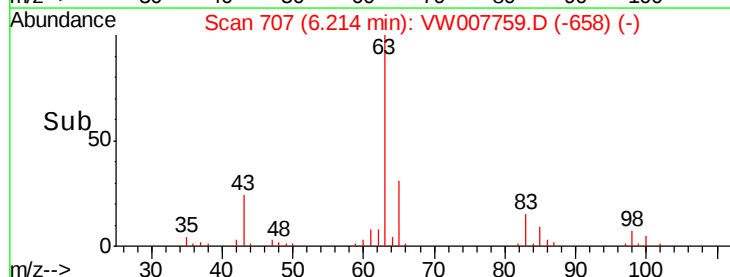
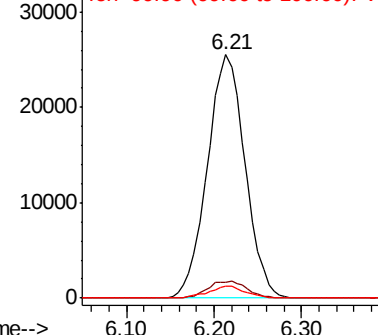
100 4.7 2.5 7.5

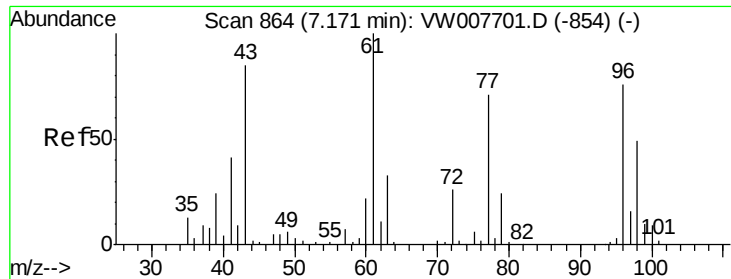


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 364.467 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 43 Resp: 62713

Ion Ratio Lower Upper

43 100

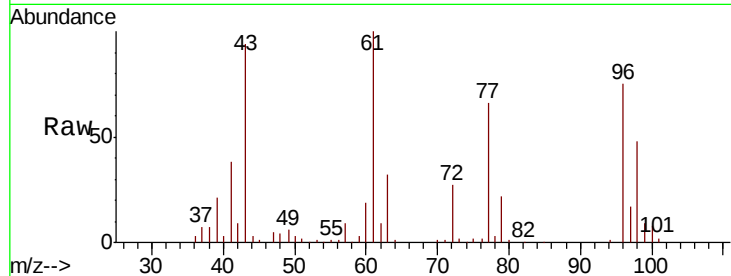
72 28.7 24.5 36.7

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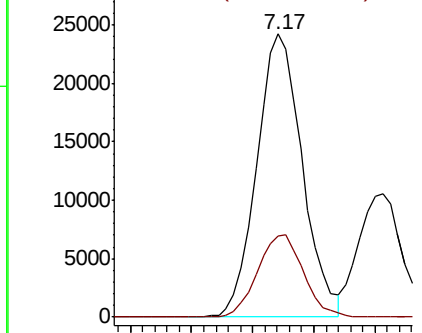
apatel

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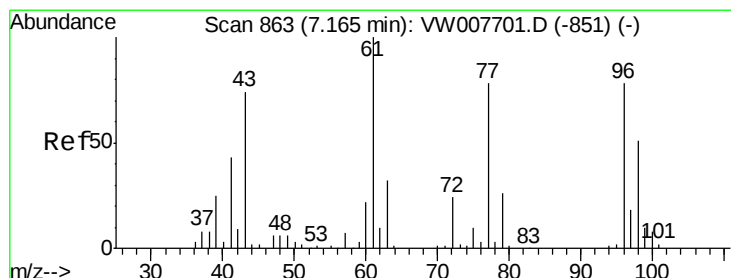
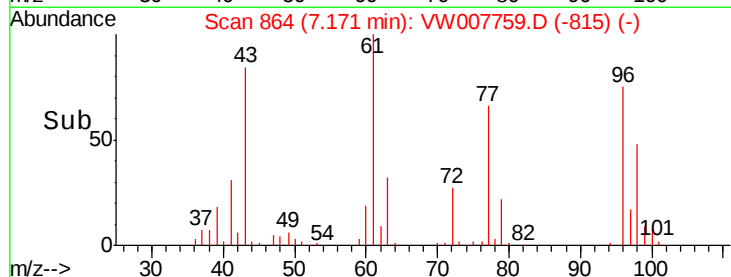


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 56.522 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007759.D

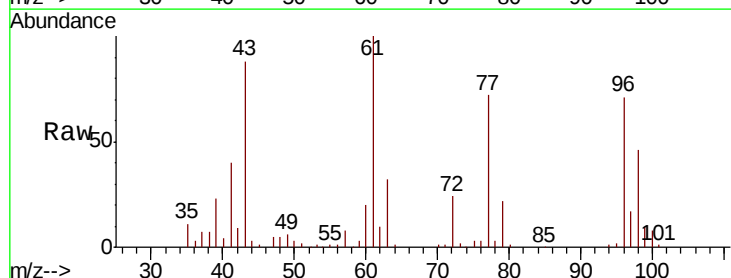
Acq: 20 Dec 2018 20:34

Tgt Ion: 77 Resp: 52761

Ion Ratio Lower Upper

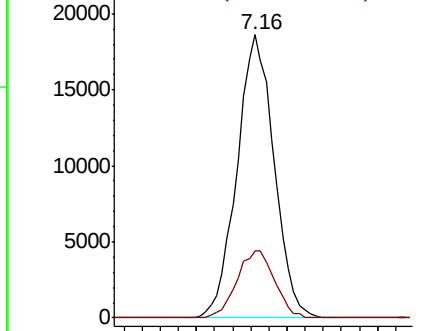
77 100

97 24.0 11.3 33.9

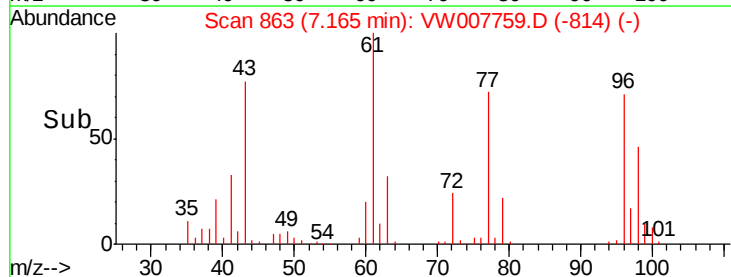


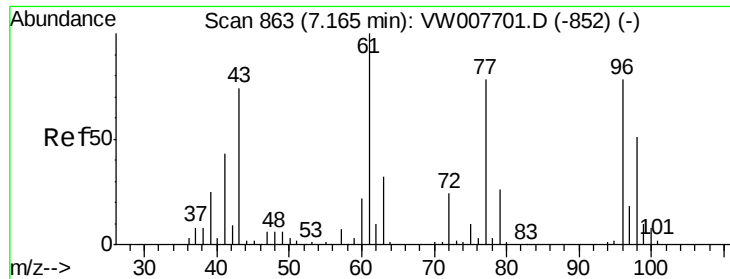
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->





#27

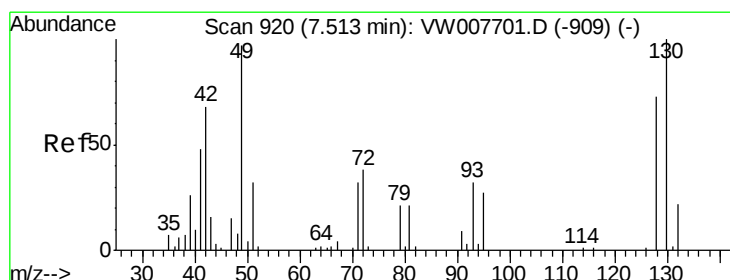
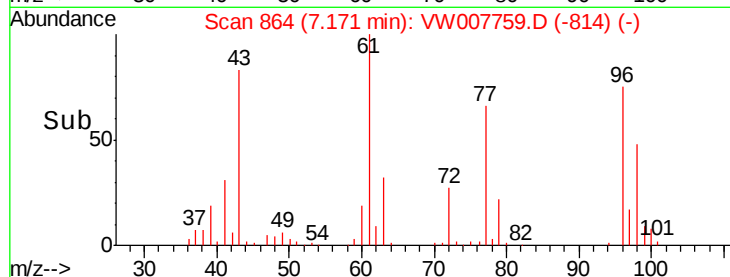
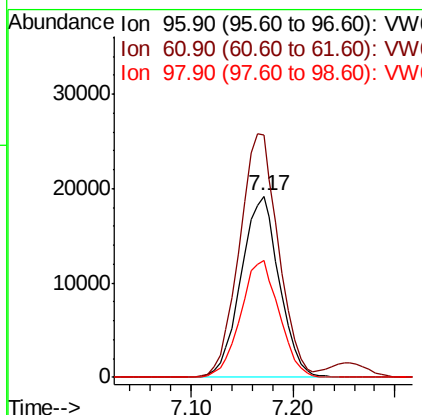
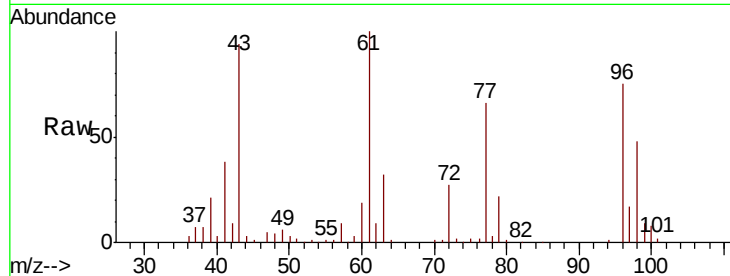
cis-1,2-Dichloroethene
Concen: 60.428 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	271.6
98	64.7	0.0	131.2

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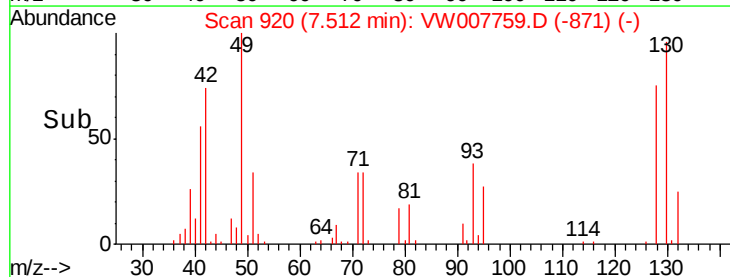
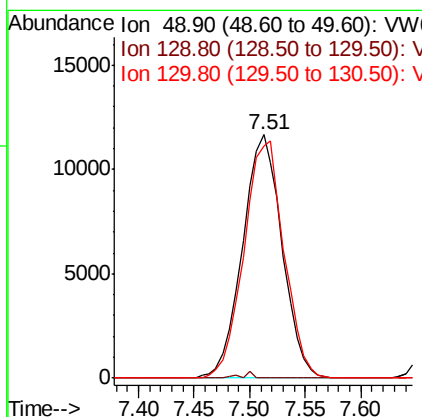
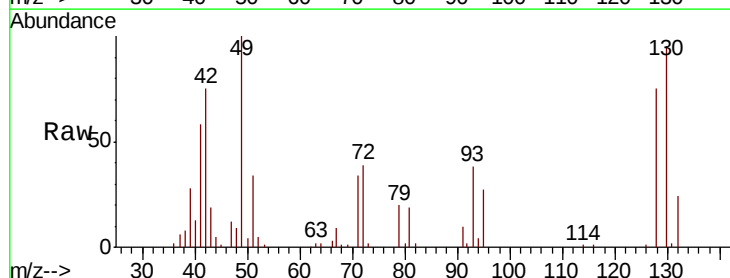
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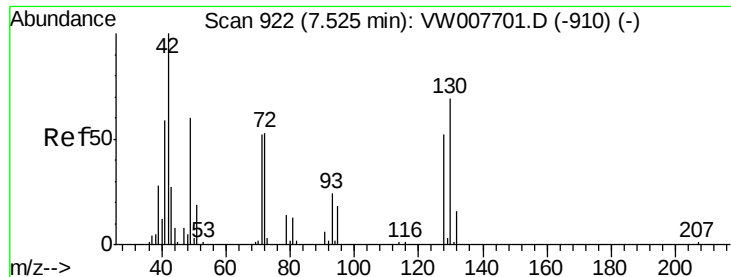


#28

Bromochloromethane
Concen: 66.167 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.2
130	98.7	81.5	122.3





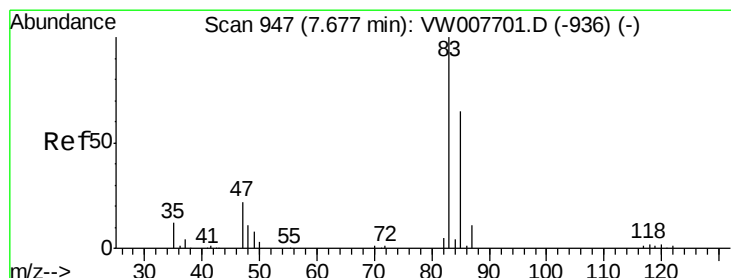
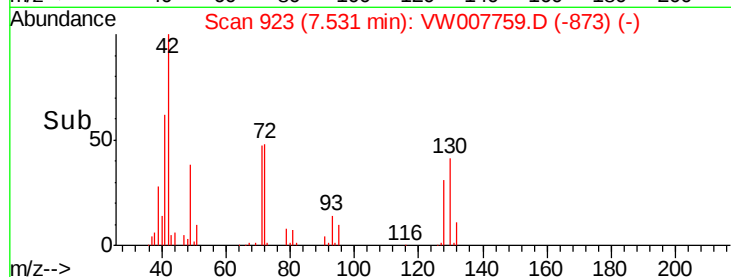
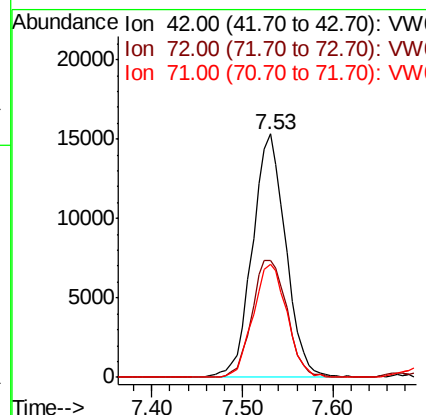
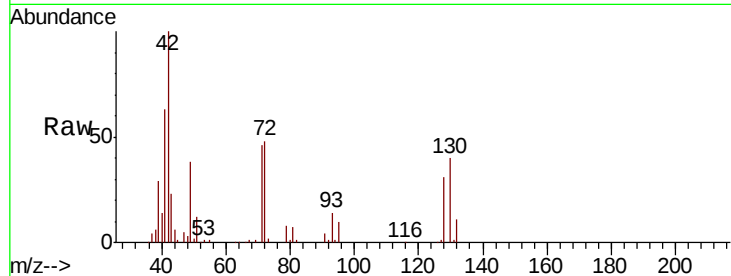
#29
Tetrahydrofuran
Concen: 380.209 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 42 Resp: 39023
Ion Ratio Lower Upper
42 100
72 50.2 41.7 62.5
71 47.1 39.0 58.6

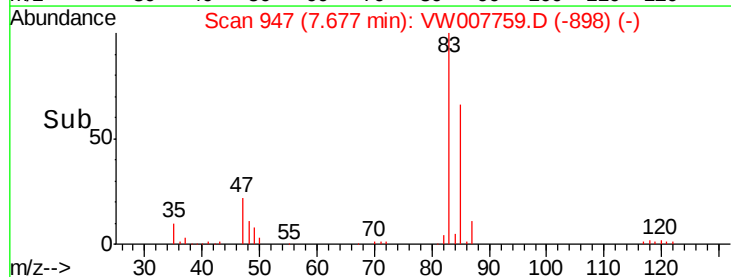
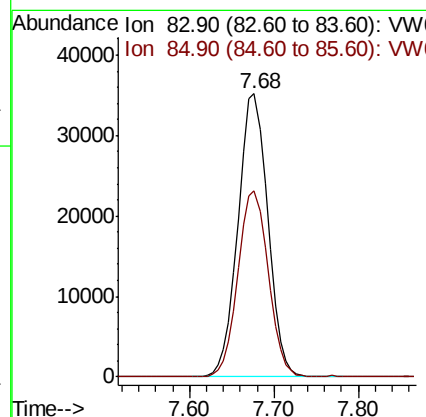
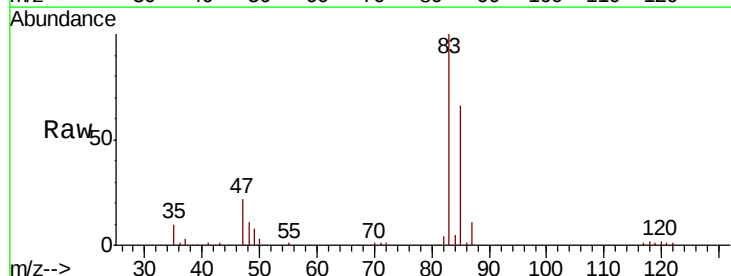
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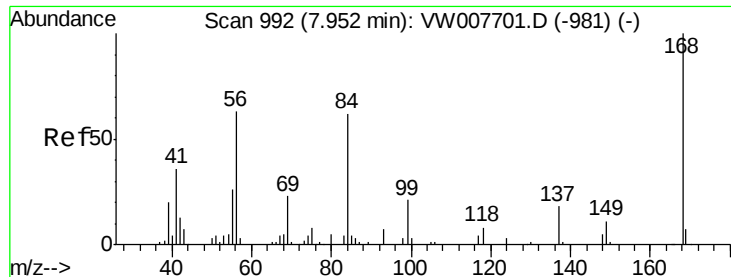
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#30
Chloroform
Concen: 58.487 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 83 Resp: 84433
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2





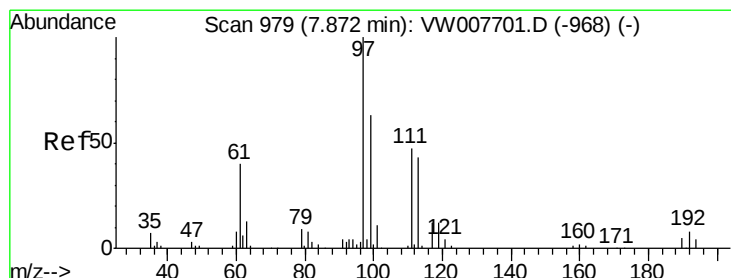
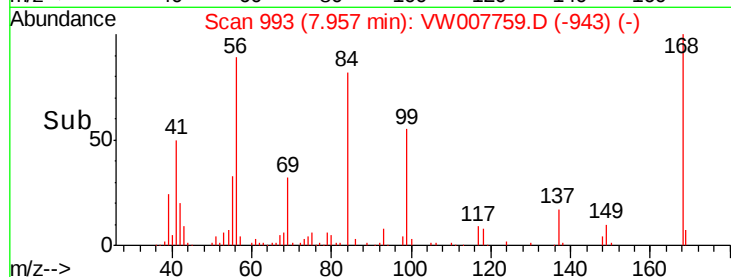
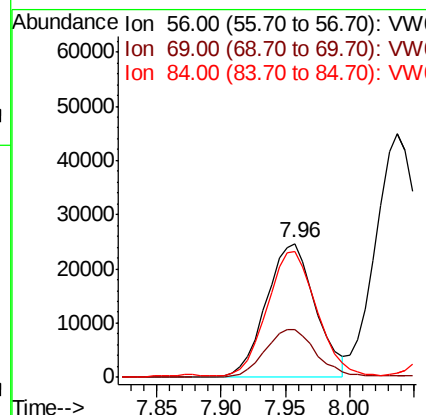
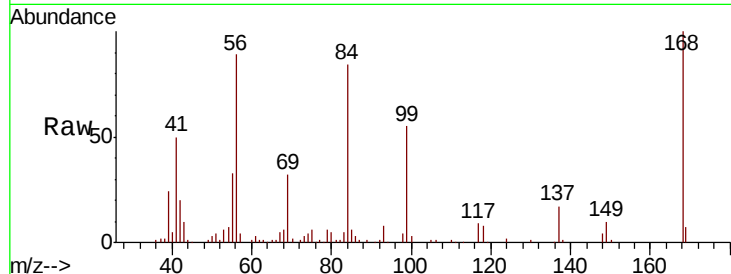
#31
Cyclohexane
Concen: 56.141 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 56 Resp: 65562
Ion Ratio Lower Upper
56 100
69 35.4 29.7 44.5
84 92.3 78.9 118.3

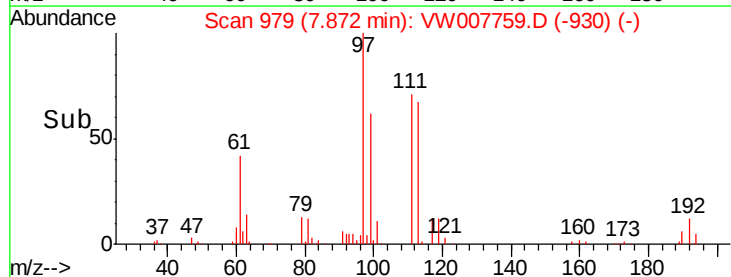
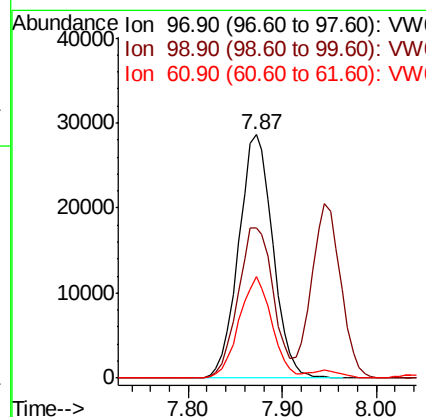
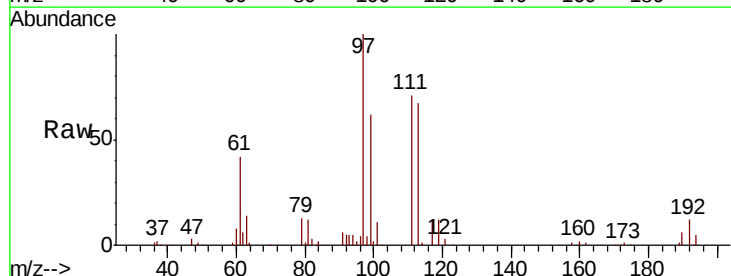
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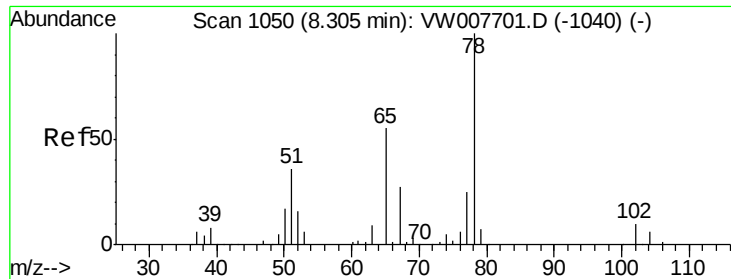
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#32
1,1,1-Trichloroethane
Concen: 55.197 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 97 Resp: 72572
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 40.1 32.3 48.5





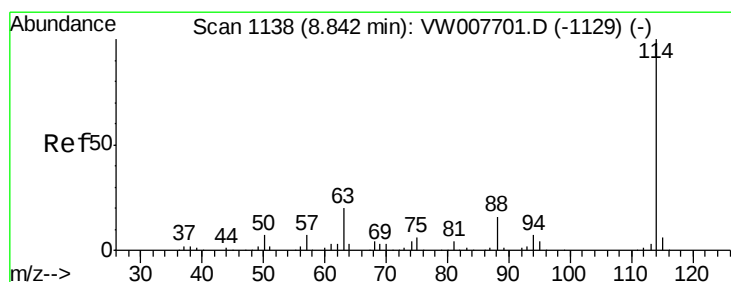
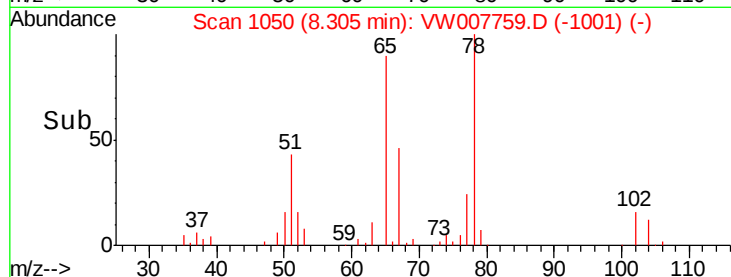
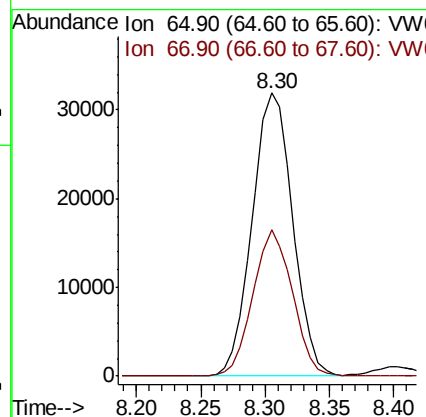
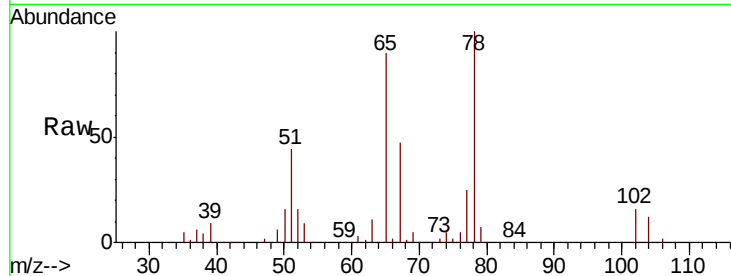
#33
 1,2-Dichloroethane-d4
 Concen: 88.876 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion: 65 Resp: 69723
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6

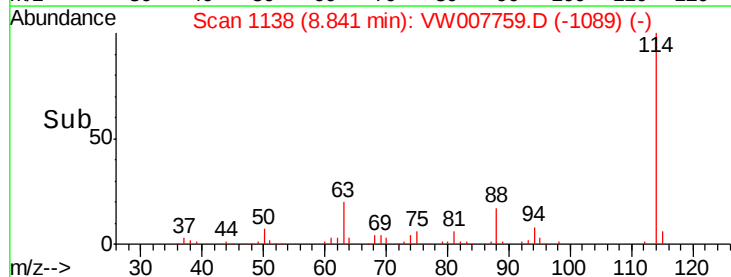
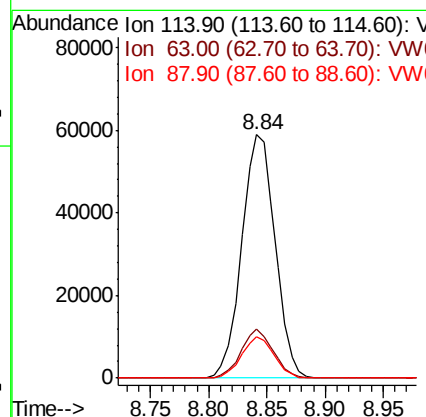
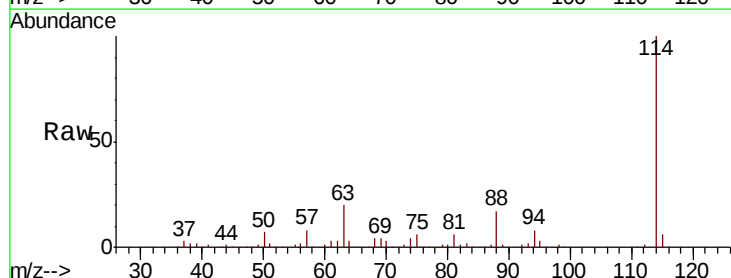
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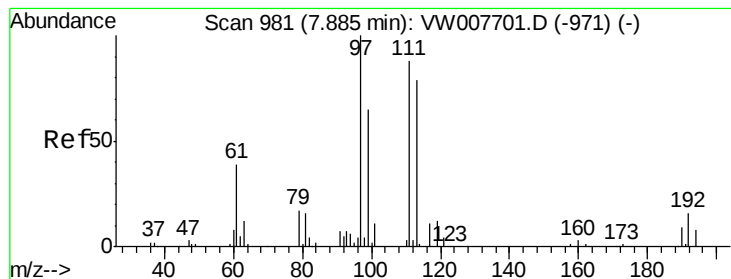
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 114 Resp: 117773
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 86.183 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

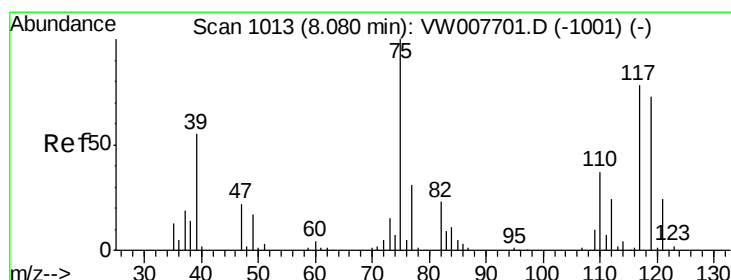
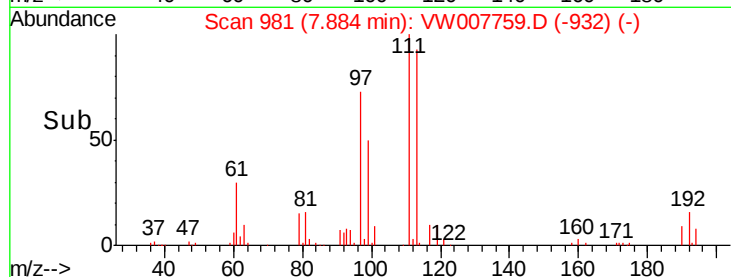
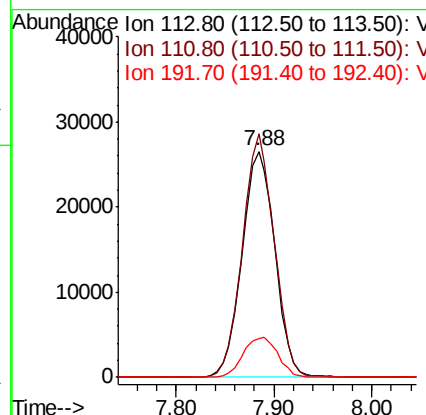
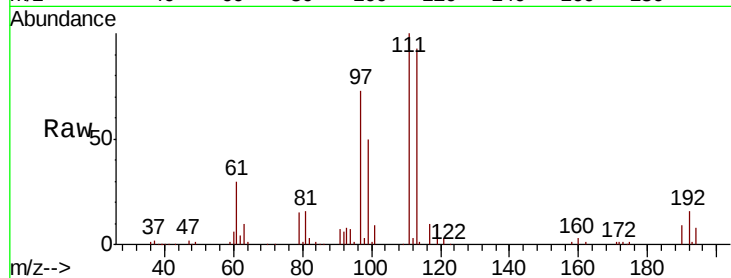
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	113	Resp:	61920
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.6	124.0
192	18.6	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 53.803 ug/l

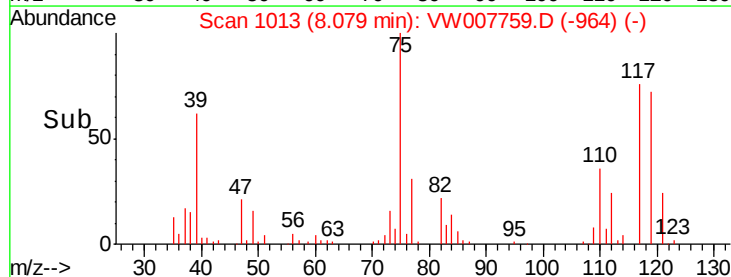
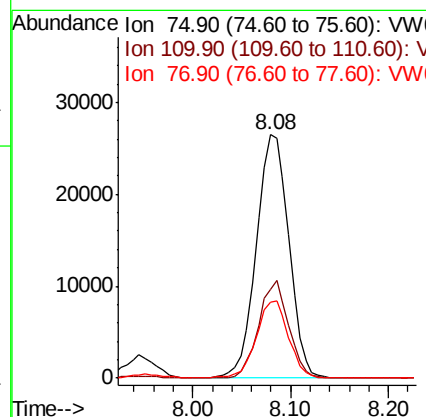
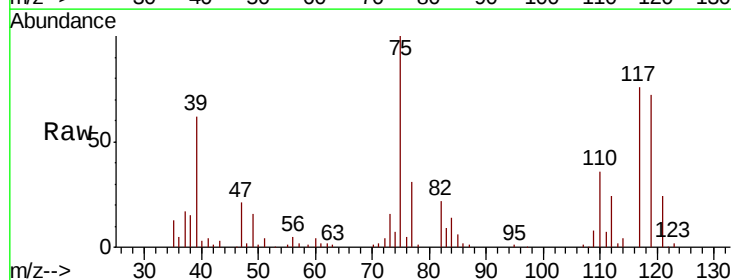
RT: 8.08 min Scan# 1013

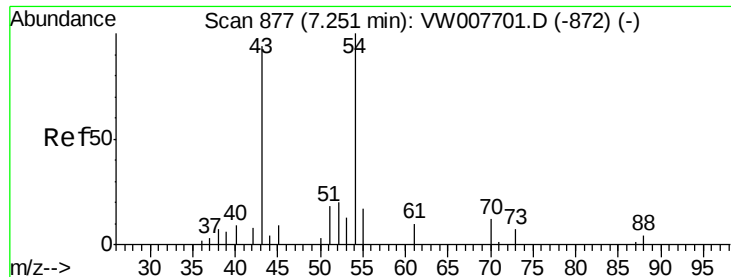
Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	75	Resp:	61159
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.6	55.8
77	31.7	25.0	37.4





#37

Ethyl Acetate

Concen: 68.942 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

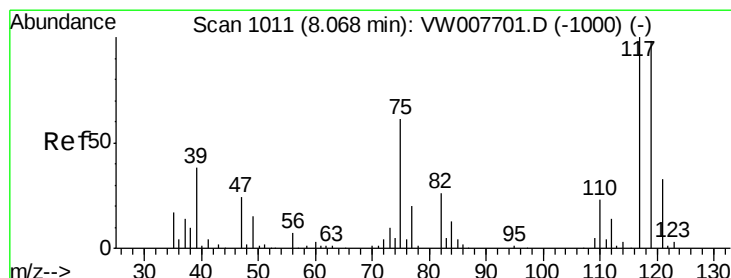
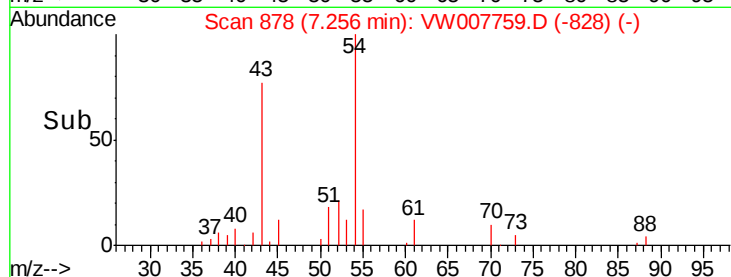
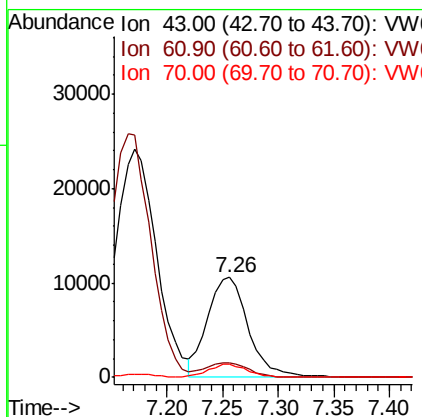
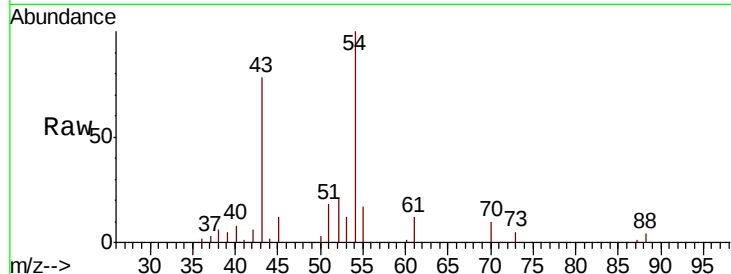
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	43	Resp:	27046
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.2	16.8
70	12.3	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 48.369 ug/l

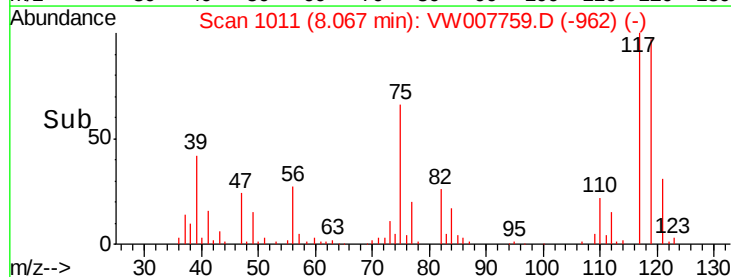
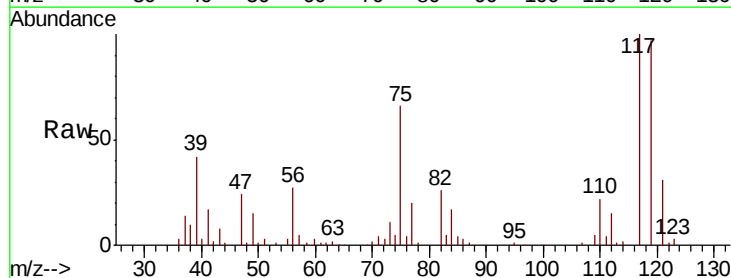
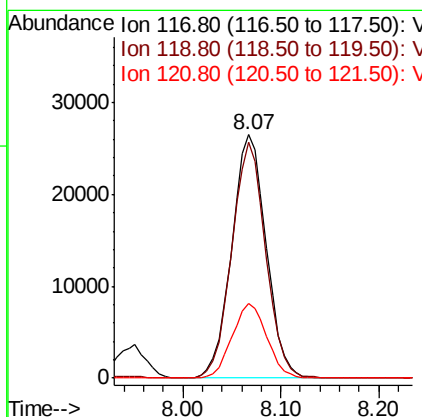
RT: 8.07 min Scan# 1011

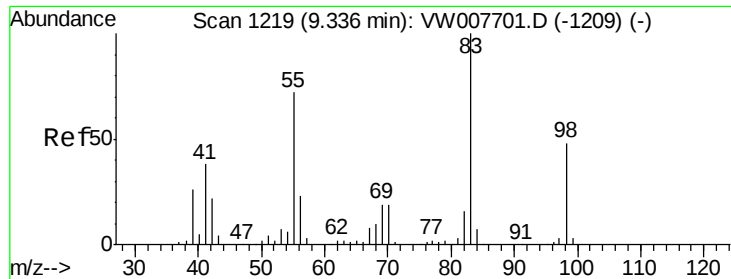
Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	117	Resp:	64752
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.2	117.2
121	30.8	26.1	39.1





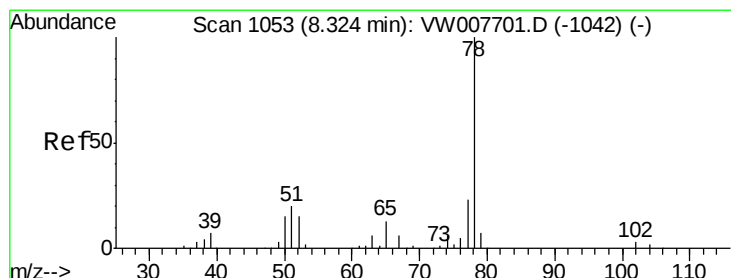
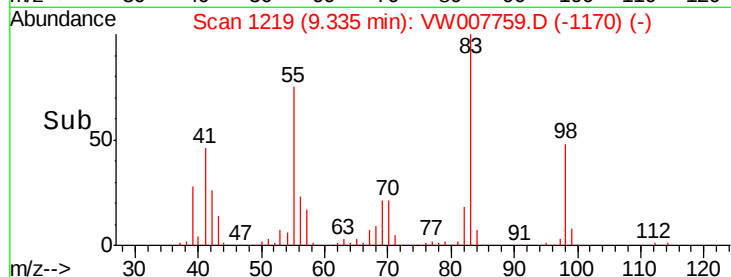
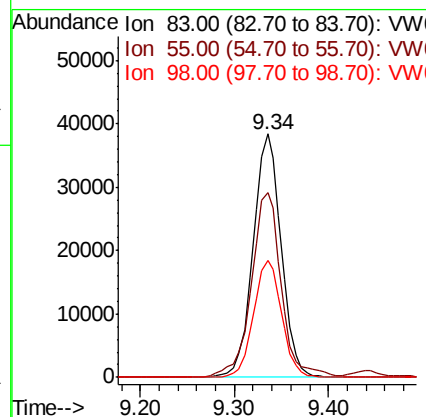
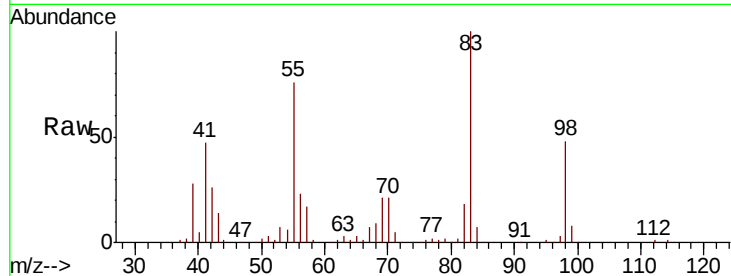
#39
Methylcyclohexane
Concen: 57.014 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.2	85.8
98	48.0	38.6	58.0

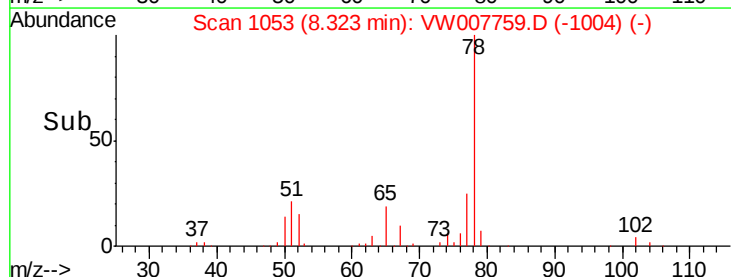
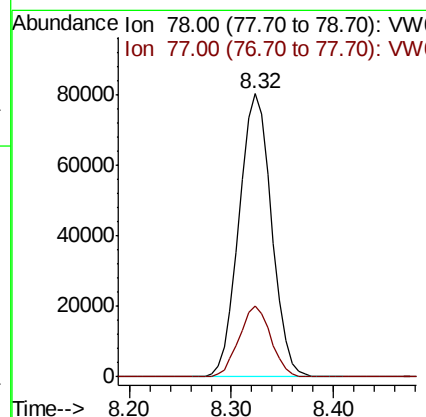
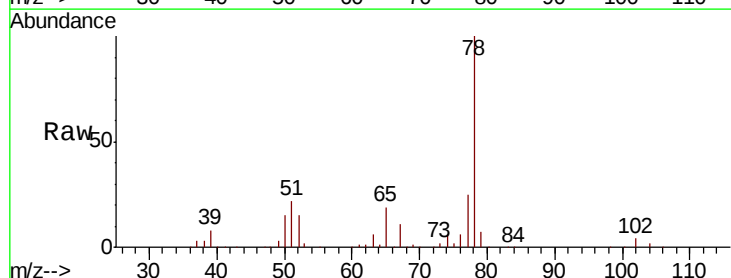
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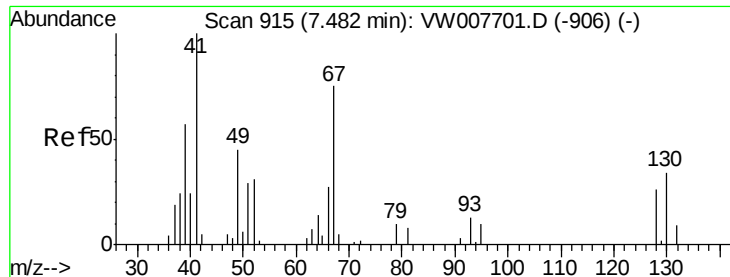
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#40
Benzene
Concen: 58.368 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.7	28.1





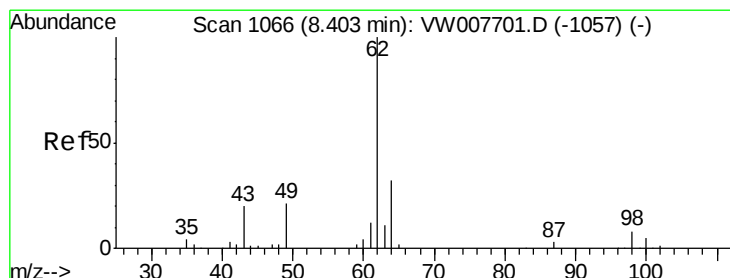
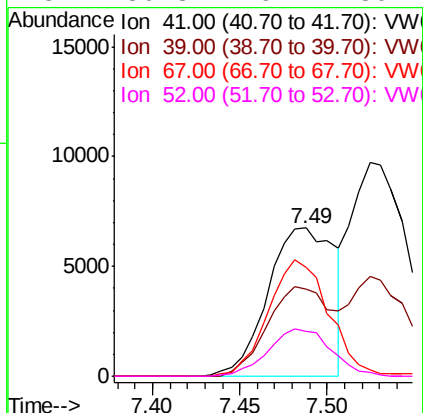
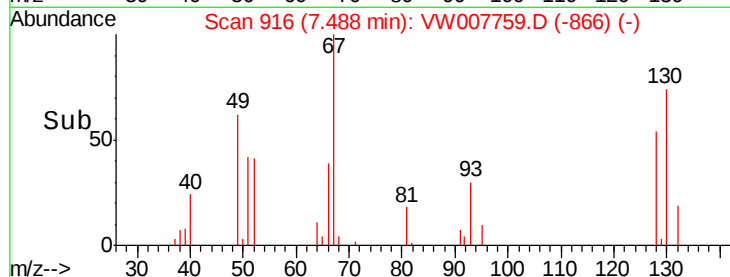
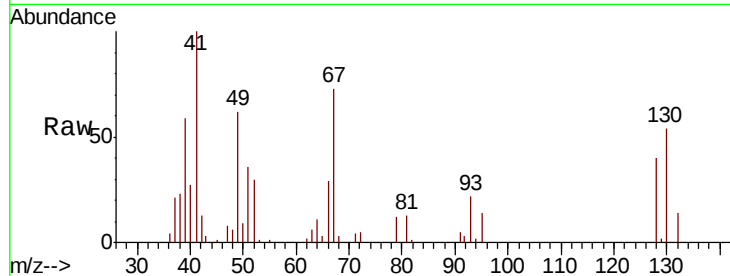
#41
Methacrylonitrile
Concen: 80.789 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.9	54.2	81.4
67	71.7	65.7	98.5
52	30.3	26.2	39.4

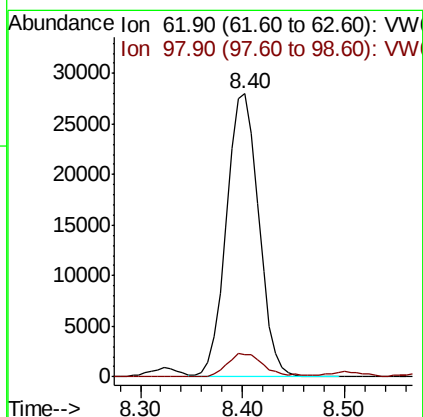
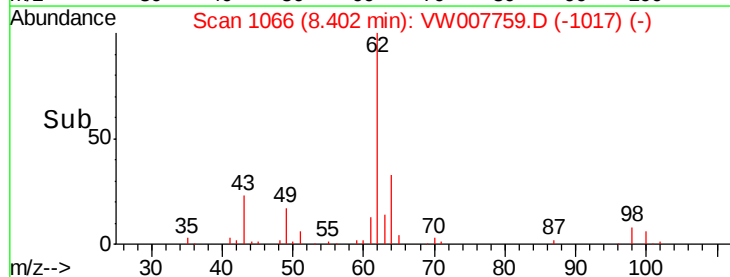
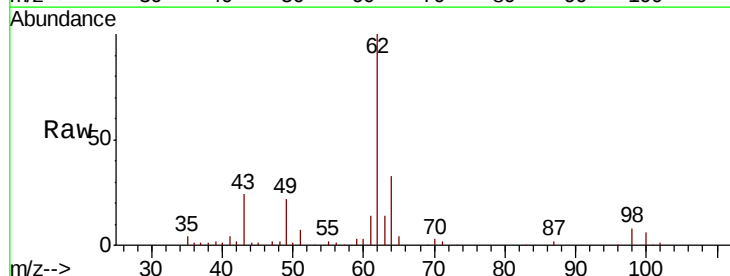
Manual Integrations
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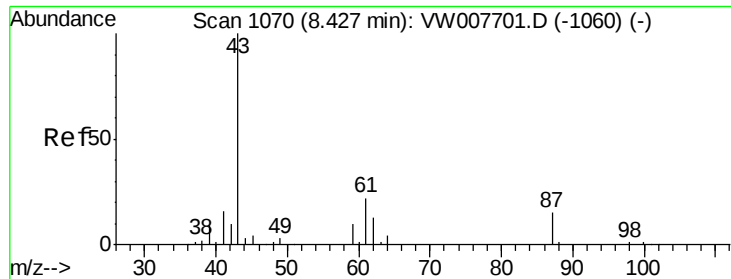
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#42
1,2-Dichloroethane
Concen: 60.429 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 78.413 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

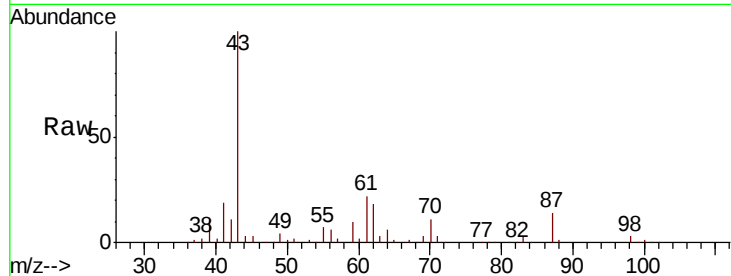
ClientSampleId :

KY001SB106-121218-(8-10)MSD

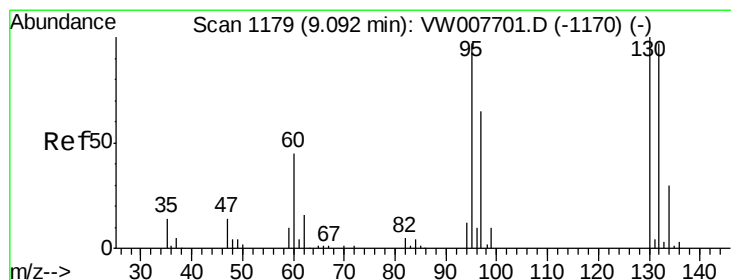
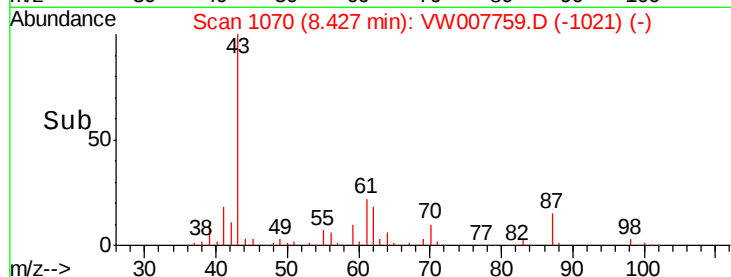
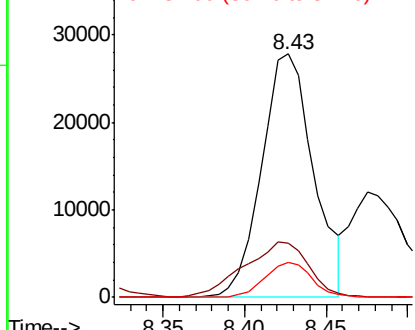
Tgt Ion:	43	Resp:	61629
Ion	Ratio	Lower	Upper
43	100		
61	28.3	26.3	39.5
87	13.1	12.0	18.0

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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.882 ug/l

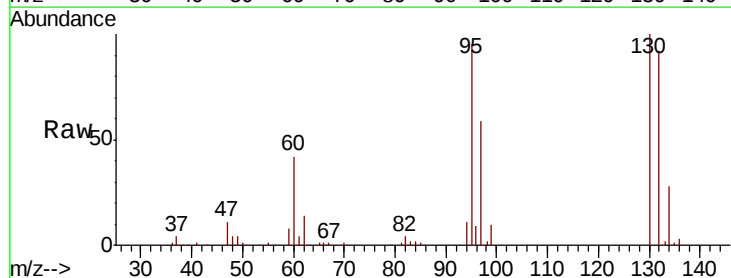
RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

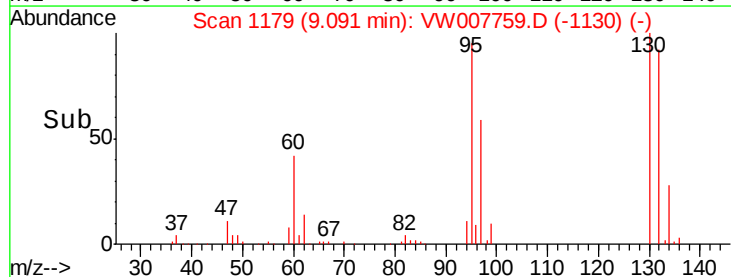
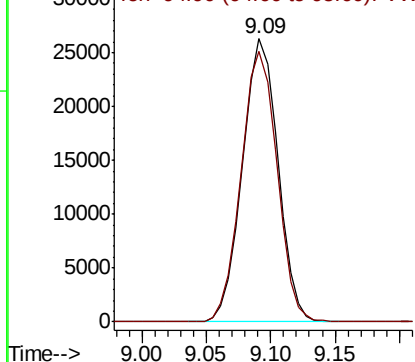
Lab File: VW007759.D

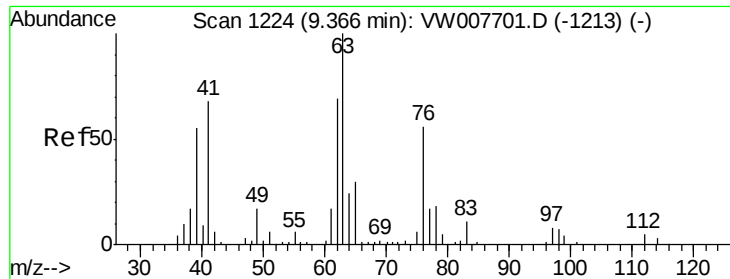
Acq: 20 Dec 2018 20:34

Tgt Ion:	130	Resp:	50344
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	194.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





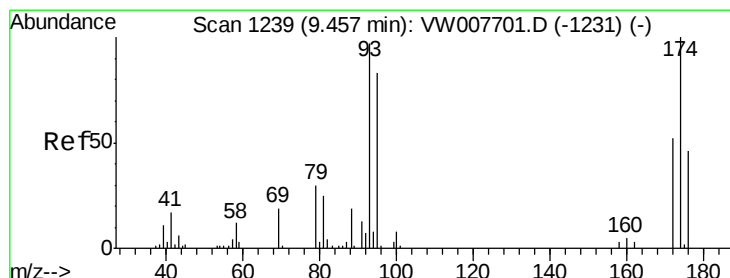
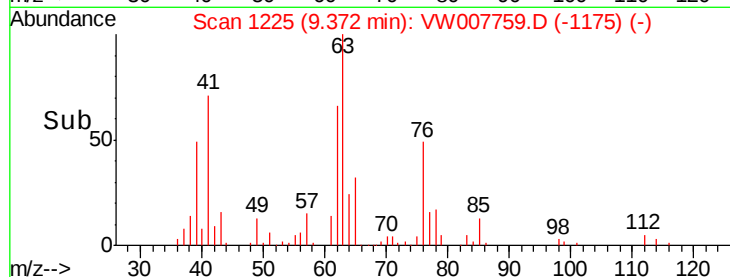
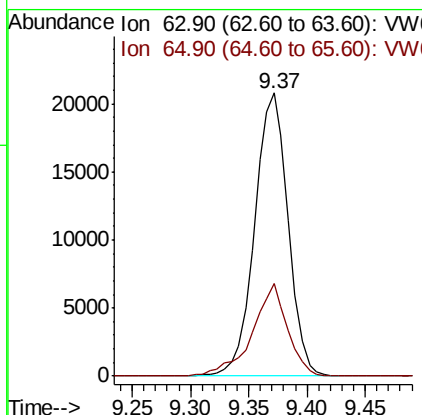
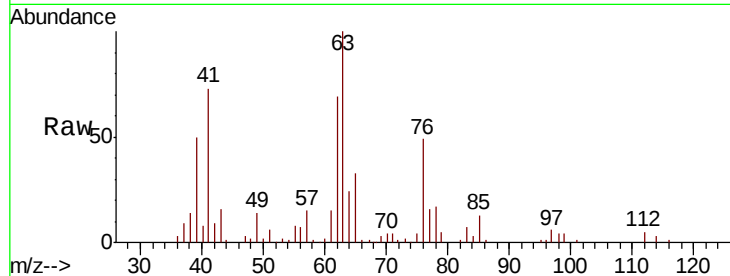
#45
 1,2-Dichloropropane
 Concen: 61.624 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion: 63 Resp: 41477
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8

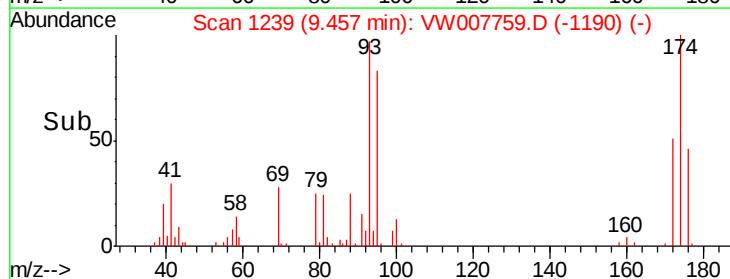
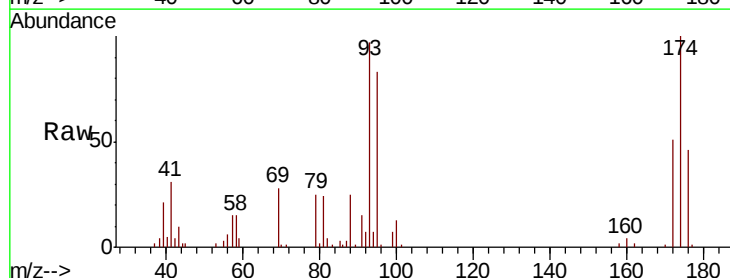
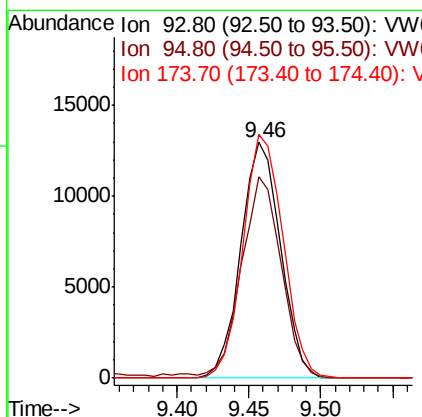
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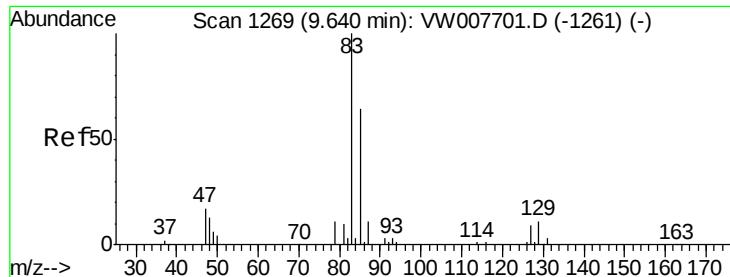
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#46
 Dibromomethane
 Concen: 59.749 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 93 Resp: 24755
 Ion Ratio Lower Upper
 93 100
 95 86.9 67.5 101.3
 174 104.3 83.9 125.9





#47

Bromodichloromethane

Concen: 57.283 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

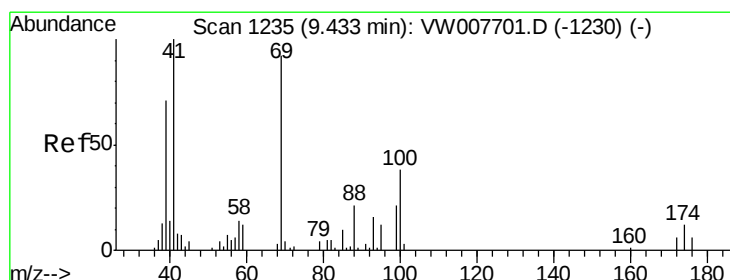
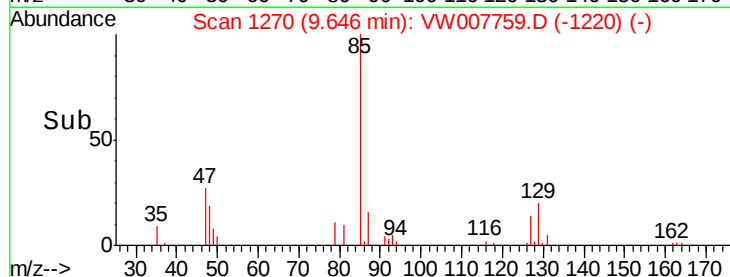
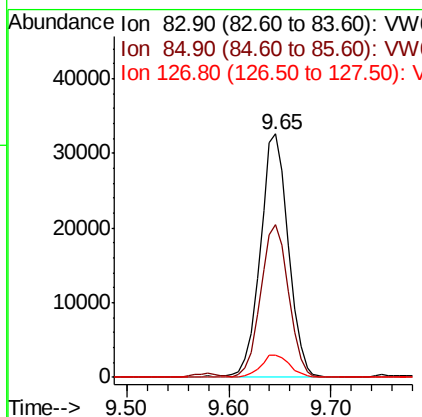
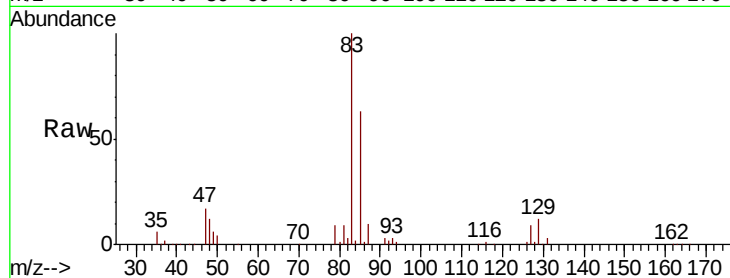
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	83	Resp:	62394
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	9.0	7.5	11.3

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#48

Methyl methacrylate

Concen: 65.935 ug/l

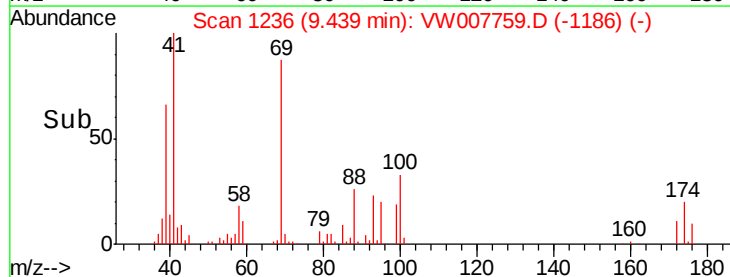
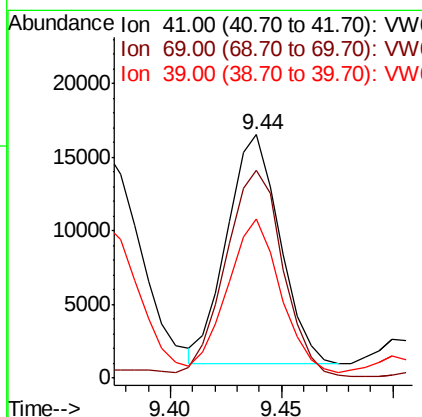
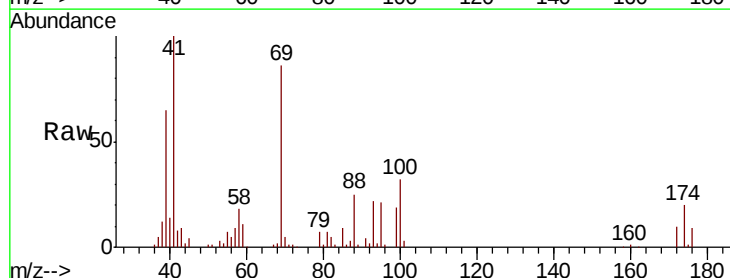
RT: 9.44 min Scan# 1236

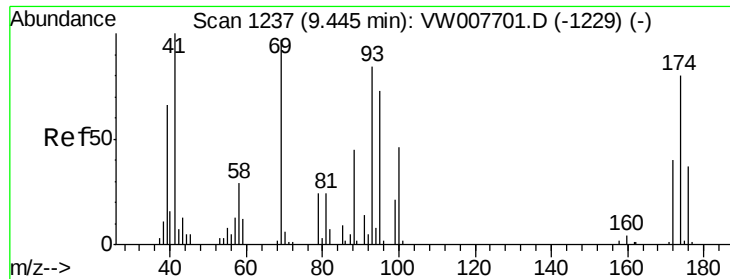
Delta R.T. 0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	41	Resp:	25867
Ion	Ratio	Lower	Upper
41	100		
69	99.2	74.2	111.2
39	71.9	53.9	80.9





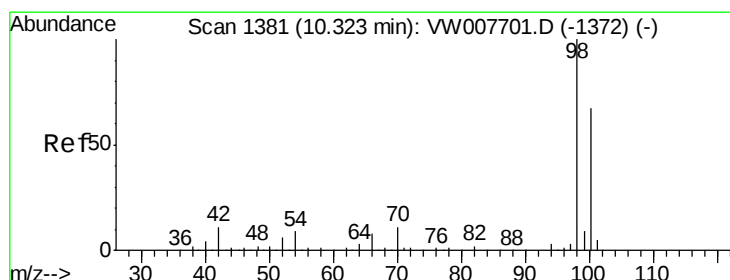
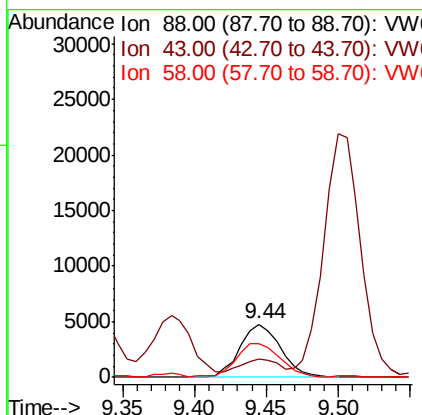
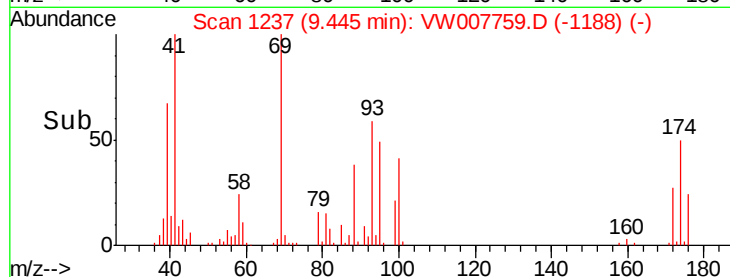
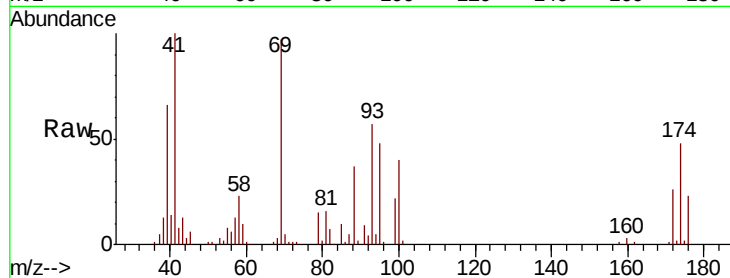
#49
1,4-Dioxane
Concen: 1425.514 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 88 Resp: 9364
Ion Ratio Lower Upper
88 100
43 32.7 25.6 38.4
58 68.6 52.3 78.5

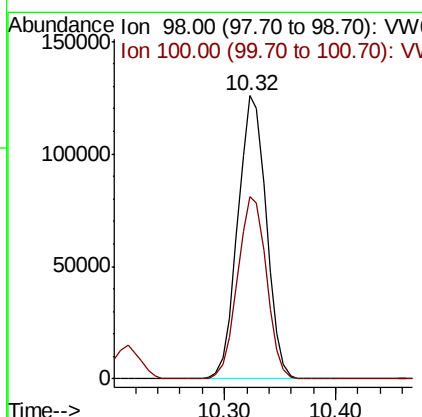
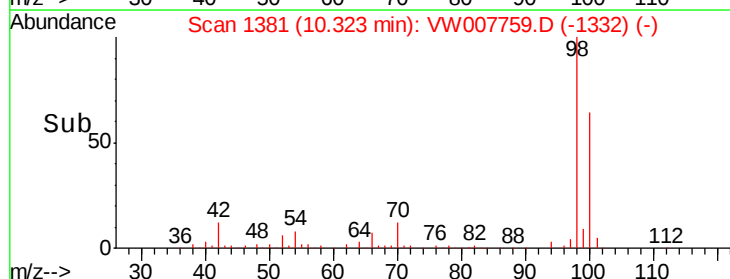
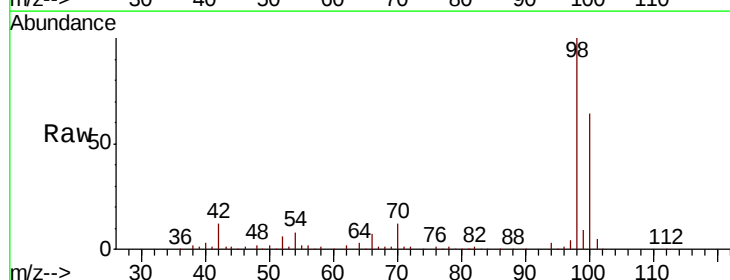
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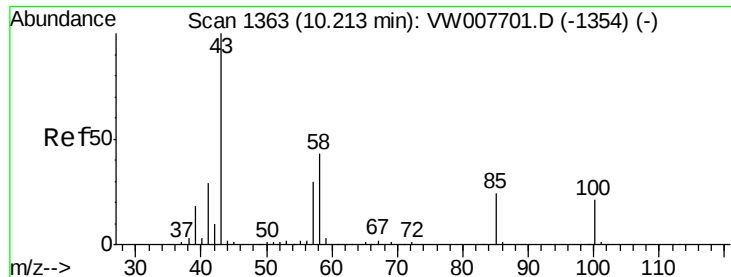
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#50
Toluene-d8
Concen: 82.410 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 98 Resp: 223211
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 360.948 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 43 Resp: 134070

Ion Ratio Lower Upper

43 100

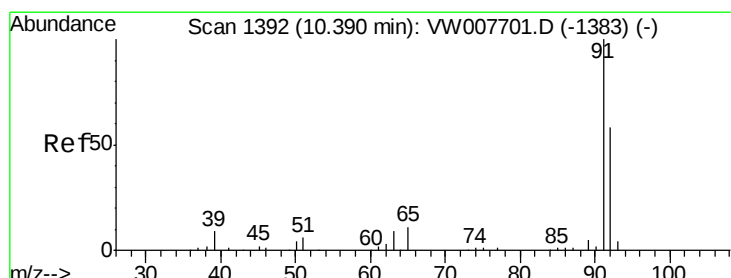
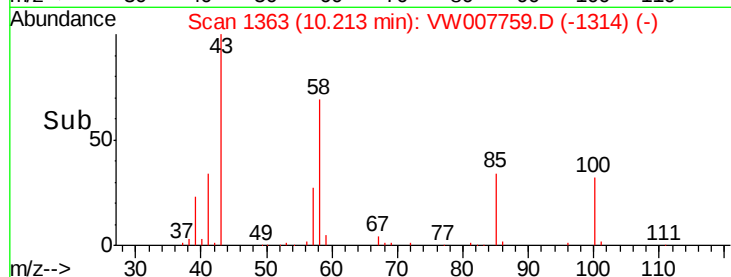
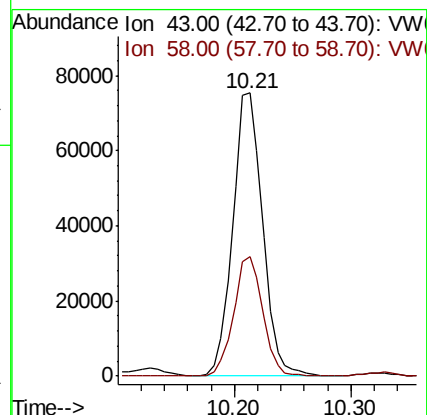
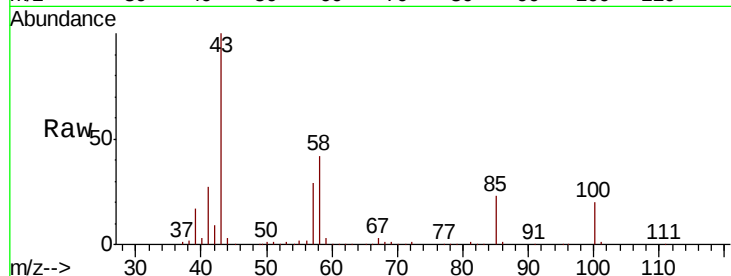
58 41.4 33.2 49.8

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#52

Toluene

Concen: 67.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007759.D

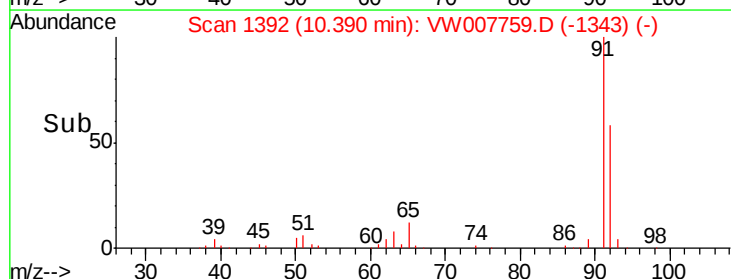
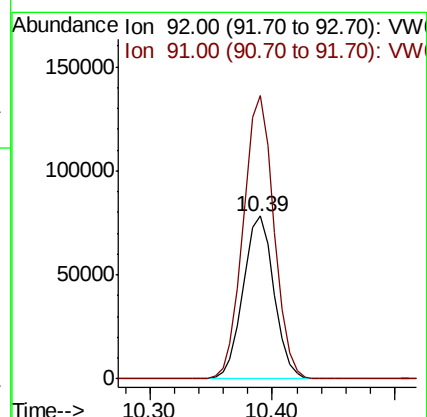
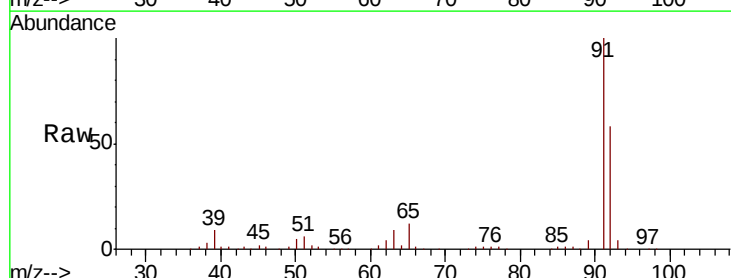
Acq: 20 Dec 2018 20:34

Tgt Ion: 92 Resp: 136715

Ion Ratio Lower Upper

92 100

91 173.2 137.0 205.4





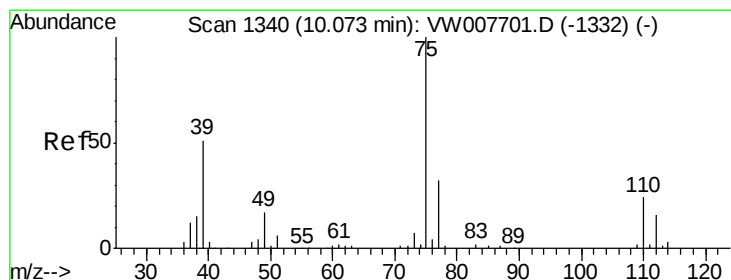
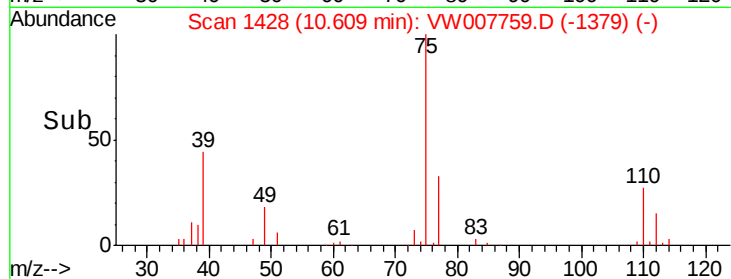
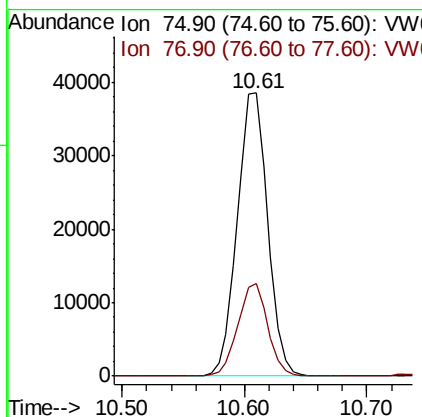
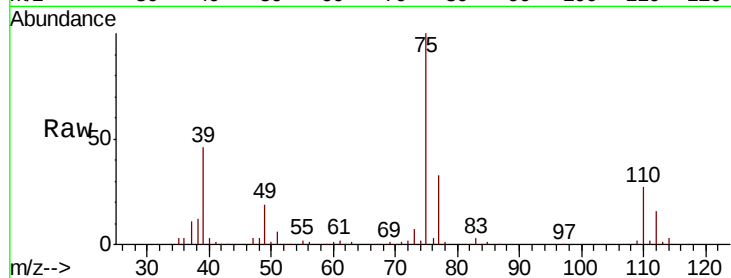
#53
 t-1,3-Dichloropropene
 Concen: 61.176 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion: 75 Resp: 66279
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8

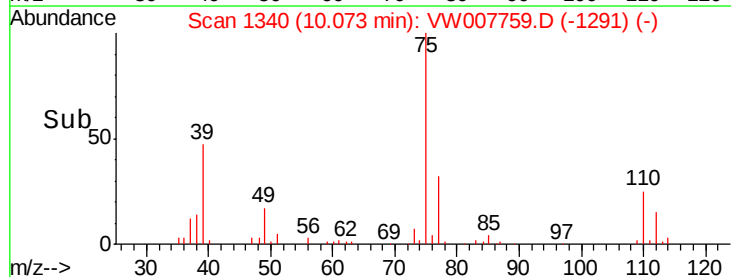
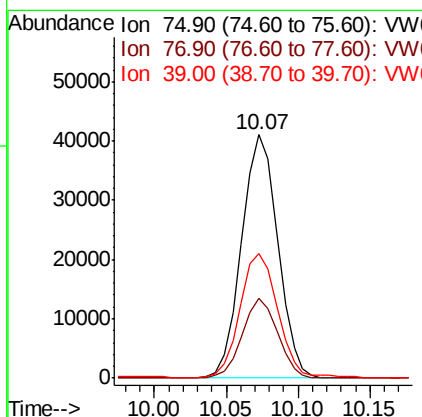
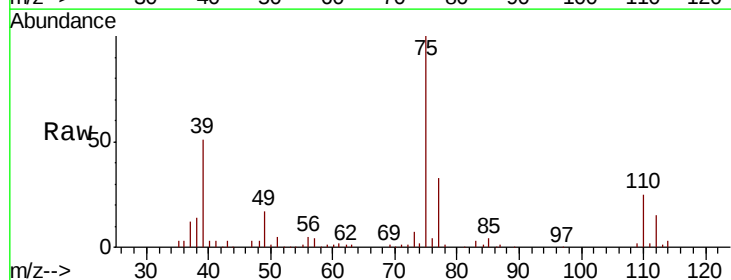
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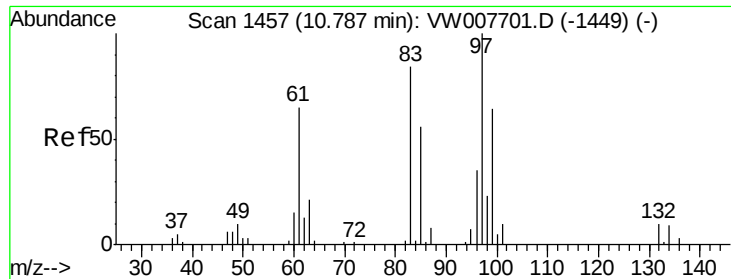
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#54
 cis-1,3-Dichloropropene
 Concen: 59.850 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion: 75 Resp: 71622
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3
 39 51.0 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 70.055 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

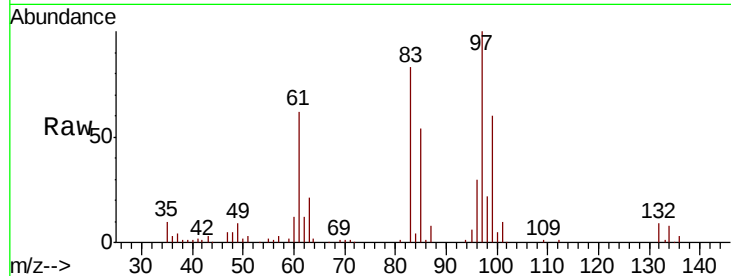
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	97	Resp:	40014
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.5	101.3
85	53.7	44.8	67.2
99	60.1	51.0	76.4

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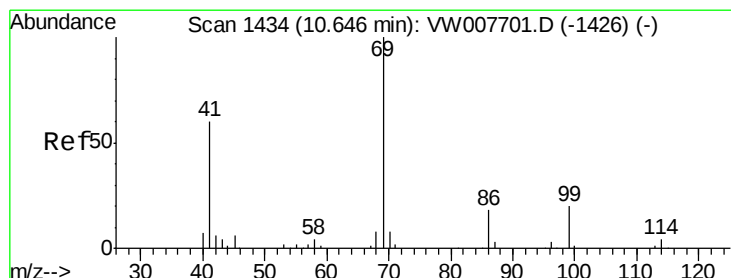
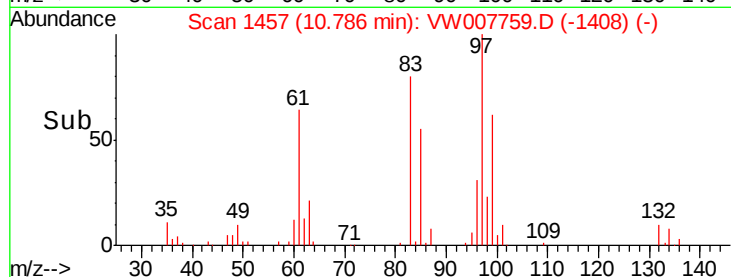
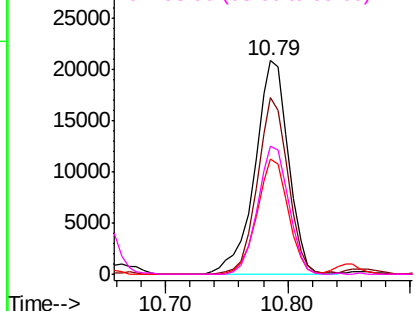
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 68.344 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

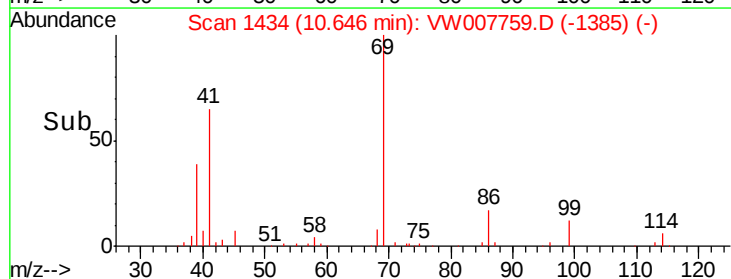
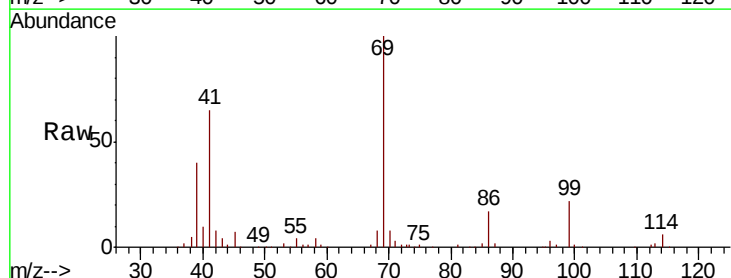
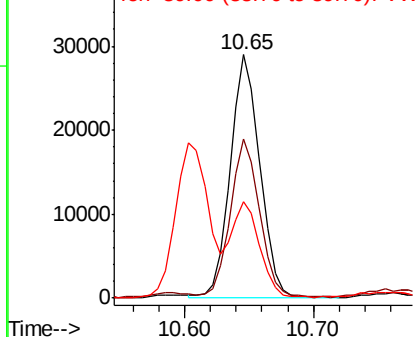
Tgt Ion:	69	Resp:	46122
Ion	Ratio	Lower	Upper
69	100		
41	65.7	48.9	73.3
39	38.9	31.3	46.9

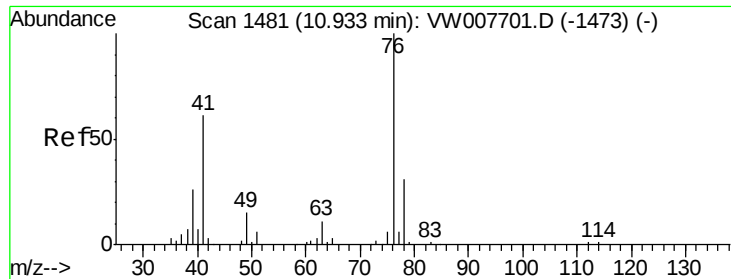
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 63.132 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 76 Resp: 59879

Ion Ratio Lower Upper

76 100

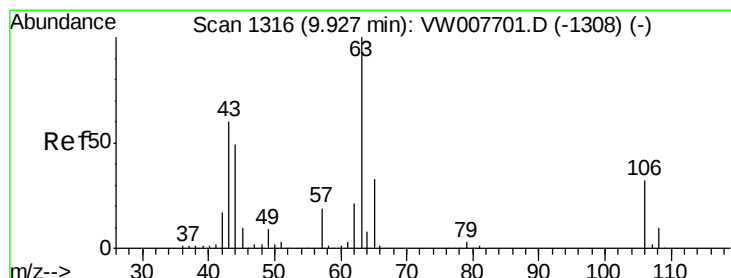
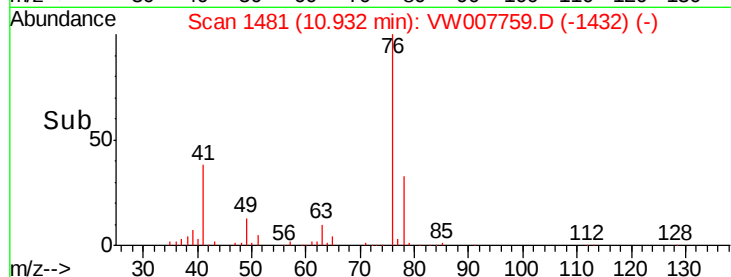
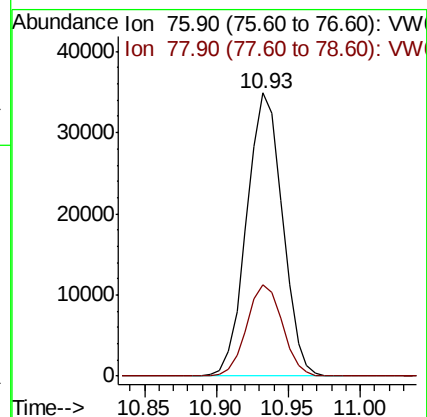
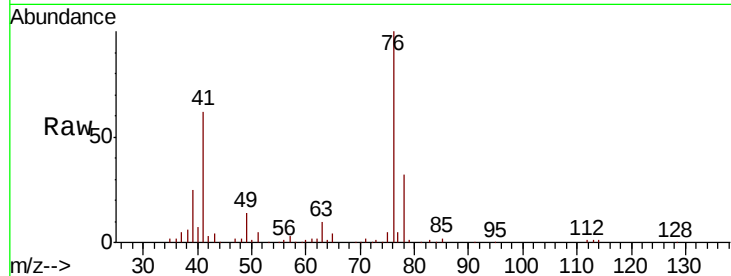
78 32.3 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 304.530 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007759.D

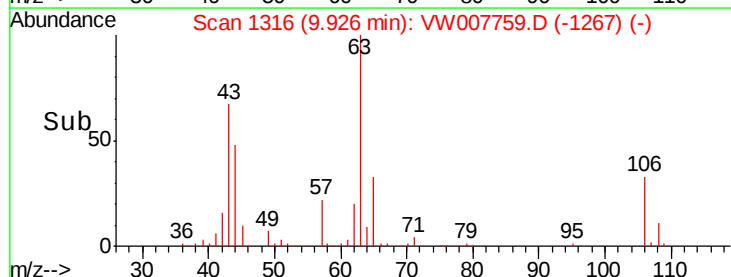
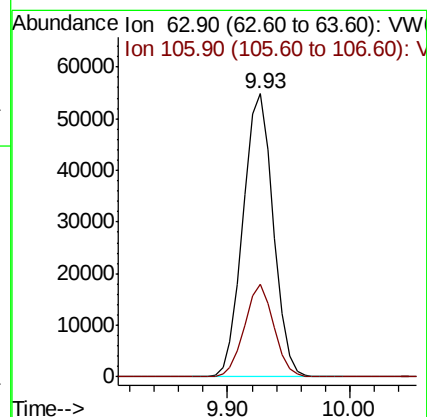
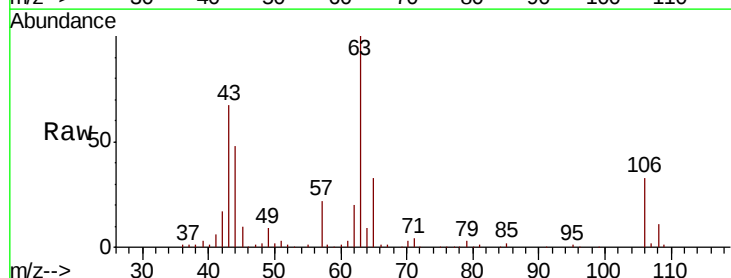
Acq: 20 Dec 2018 20:34

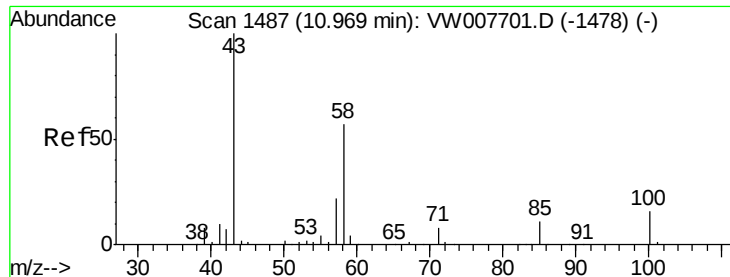
Tgt Ion: 63 Resp: 93831

Ion Ratio Lower Upper

63 100

106 31.9 25.9 38.9





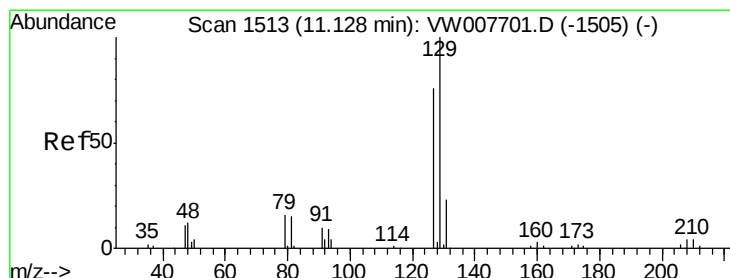
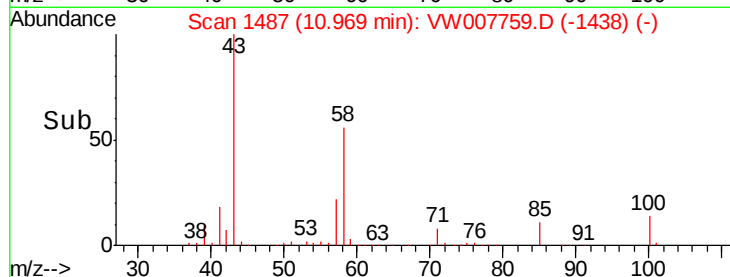
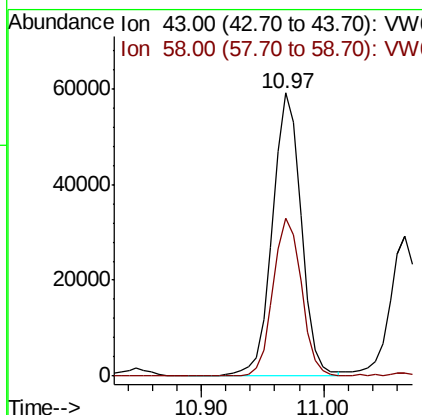
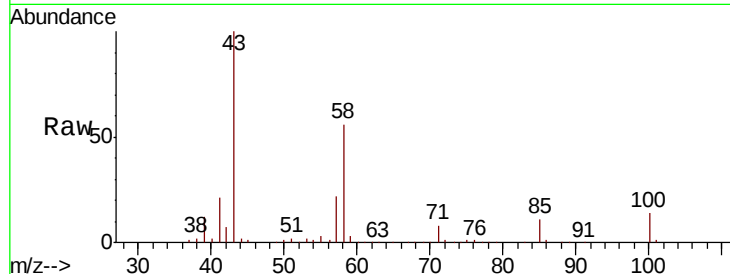
#59
2-Hexanone
Concen: 370.398 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 43 Resp: 96756
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

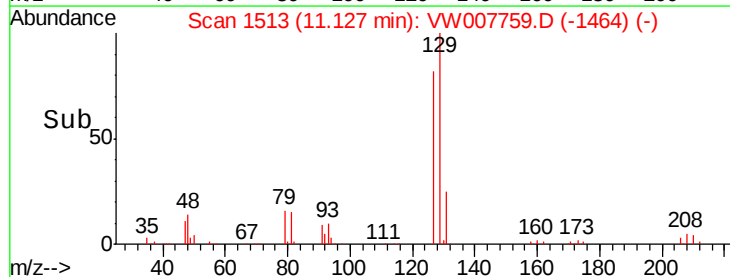
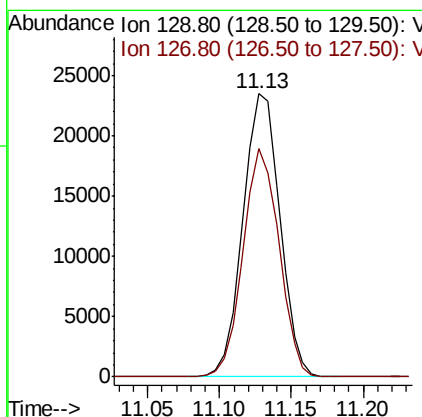
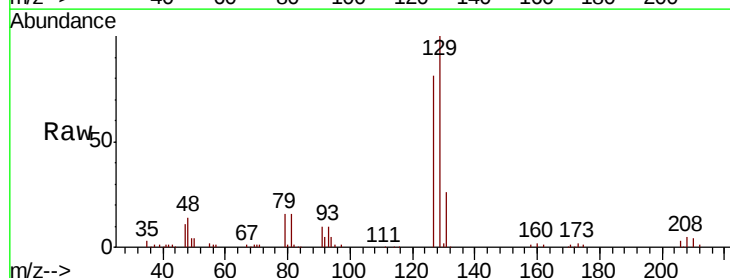
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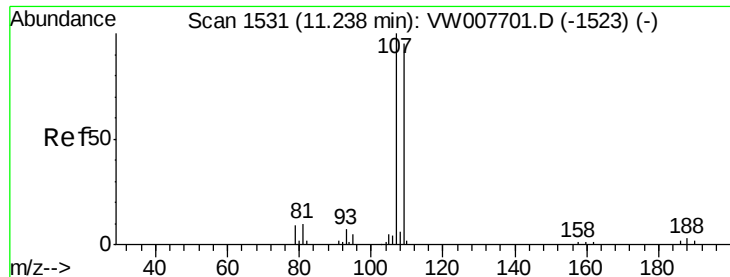
apatel
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#60
Dibromochloromethane
Concen: 55.328 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 129 Resp: 41843
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 61.442 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 107 Resp: 35539

Ion Ratio Lower Upper

107 100

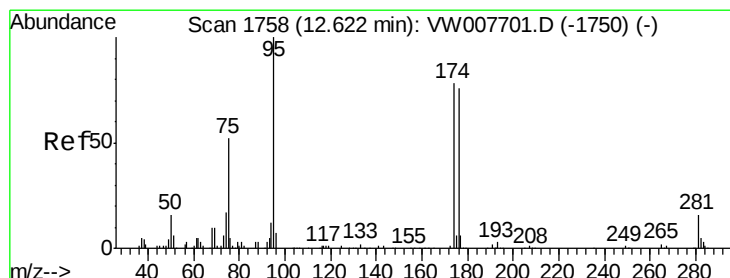
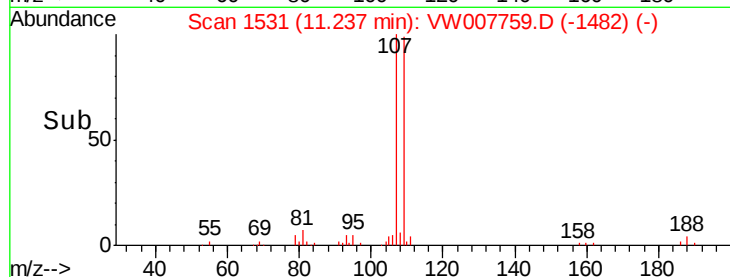
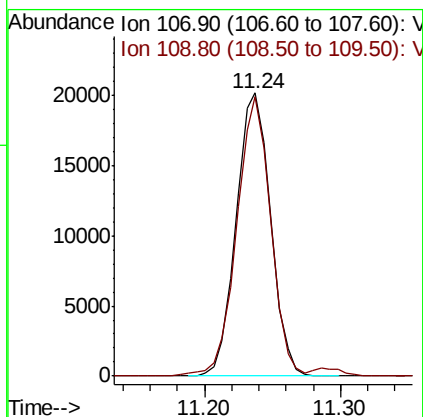
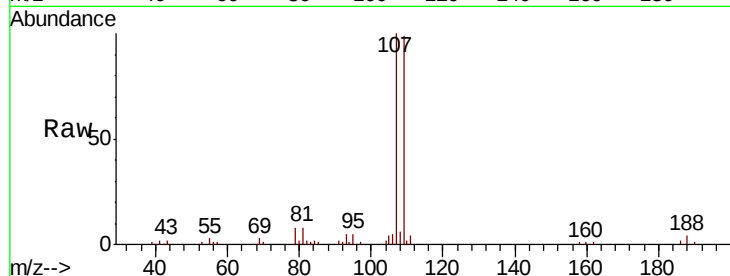
109 97.3 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 82.118 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

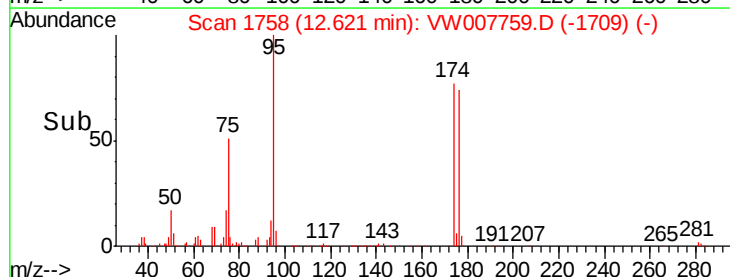
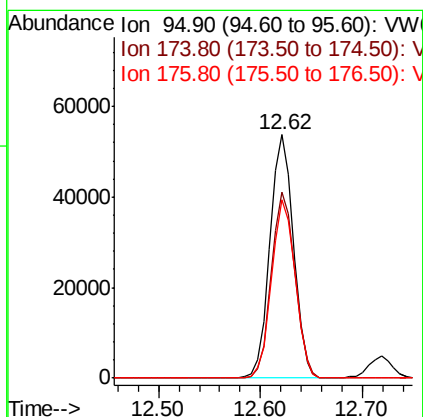
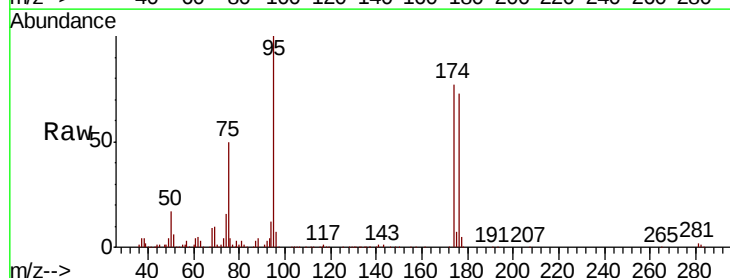
Tgt Ion: 95 Resp: 85926

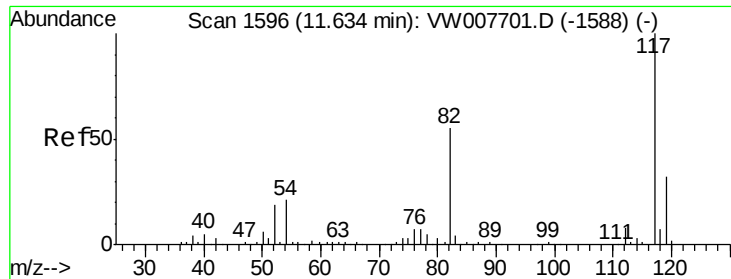
Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.2

176 73.2 0.0 146.8





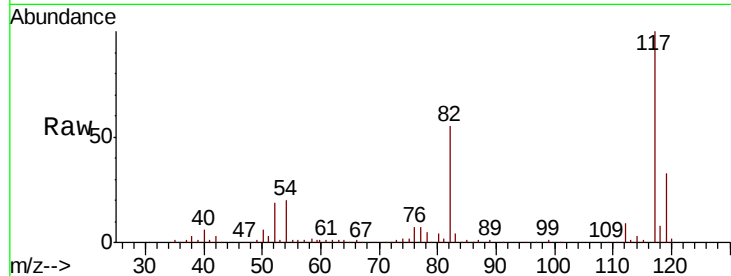
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	103871		
82	54.8	44.3	66.5	
119	32.6	25.7	38.5	

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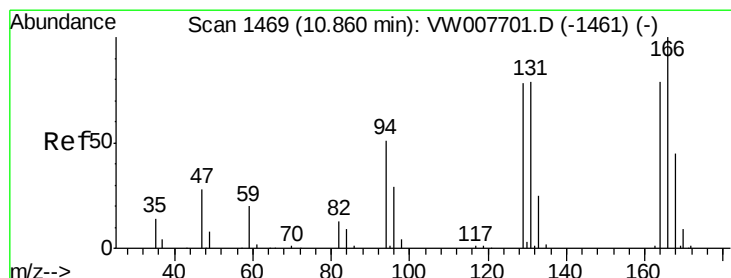
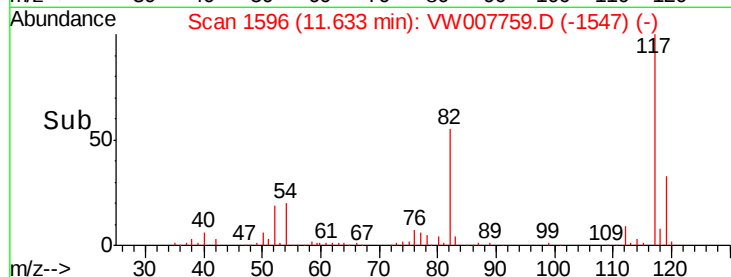
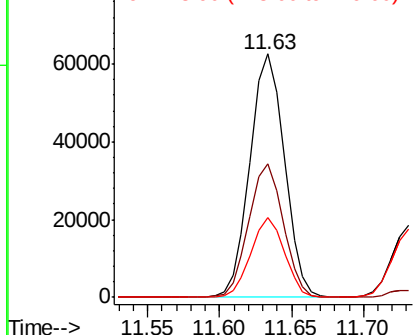


Abundance

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: 57.207 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42078		
166	122.7	101.0	151.6	
129	97.1	78.7	118.1	
131	96.1	79.4	119.0	

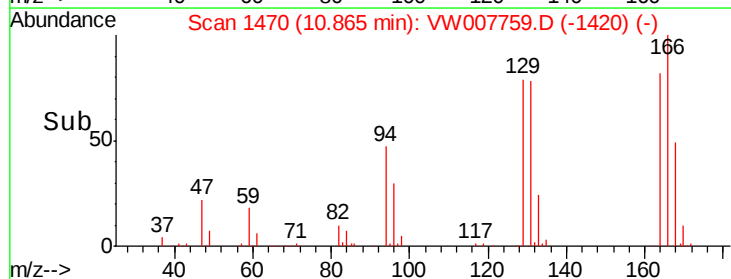
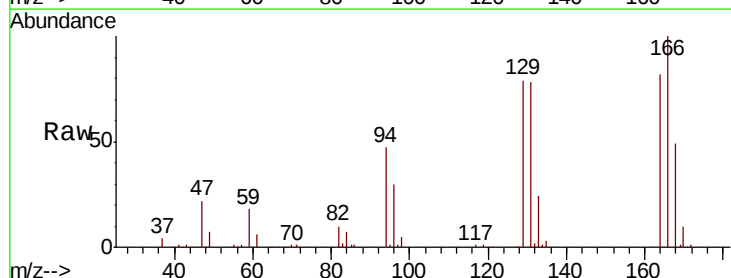
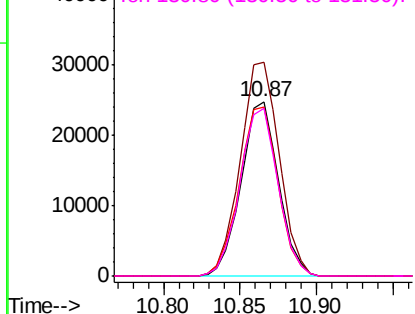
Abundance

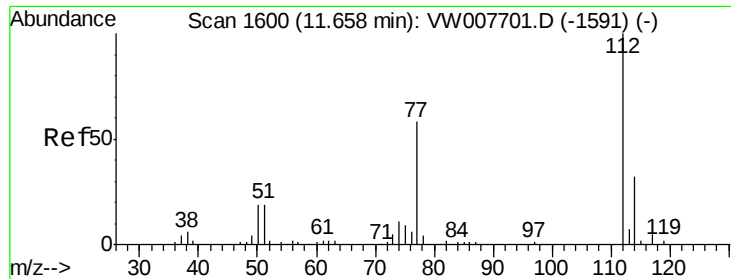
Ion 163.80 (163.50 to 164.50): V

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





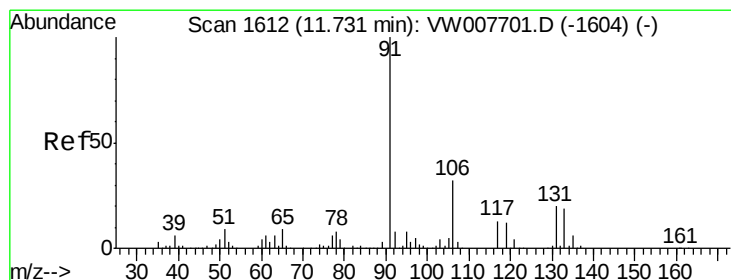
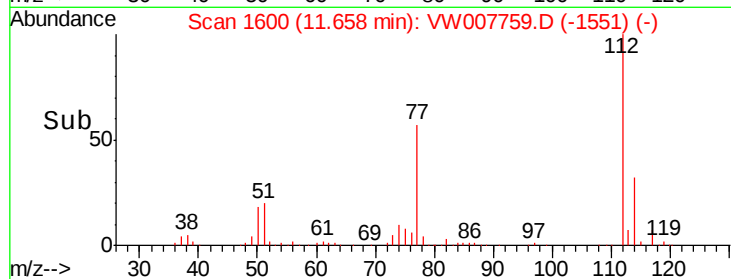
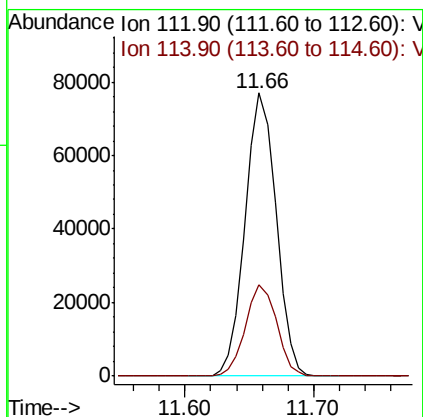
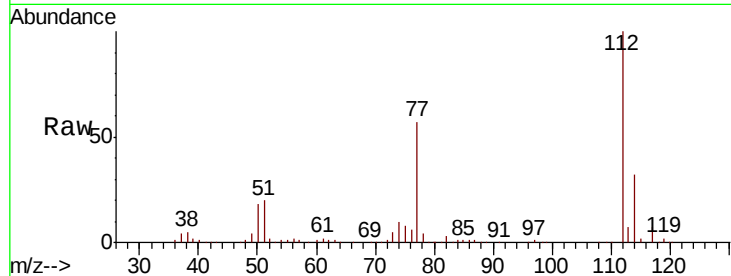
#65
Chlorobenzene
Concen: 57.060 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion:112 Resp: 128283
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

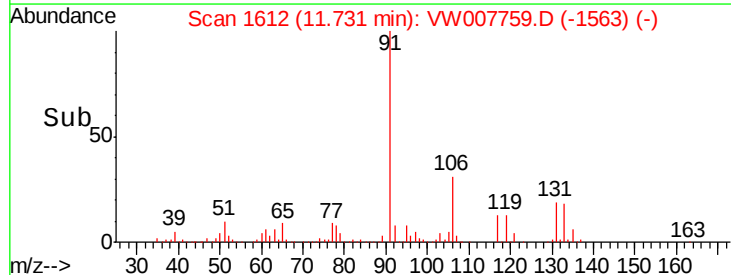
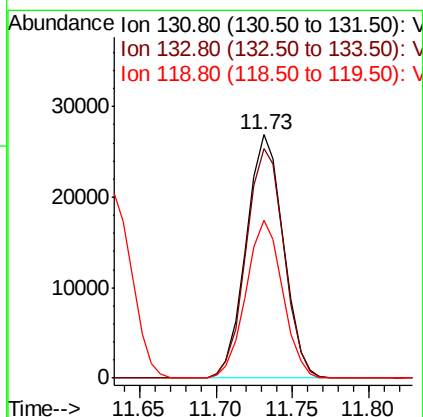
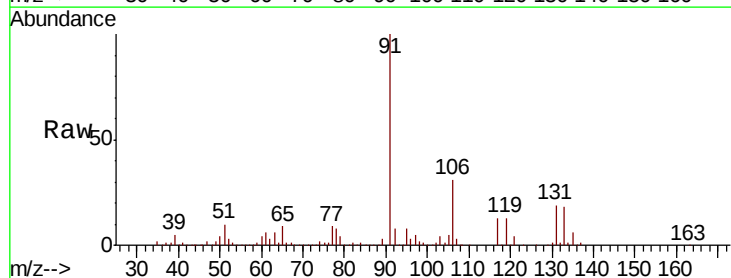
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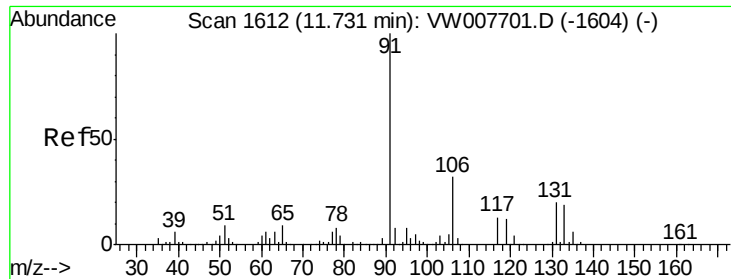
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.875 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:131 Resp: 45689
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 63.7 30.2 90.6





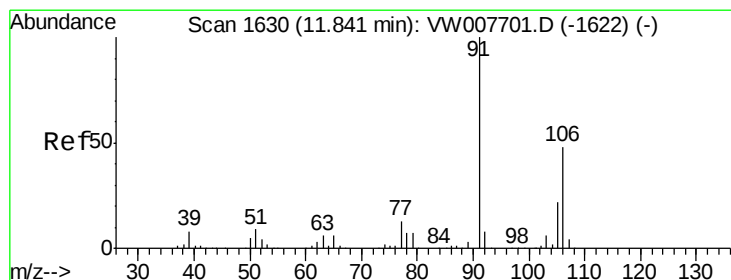
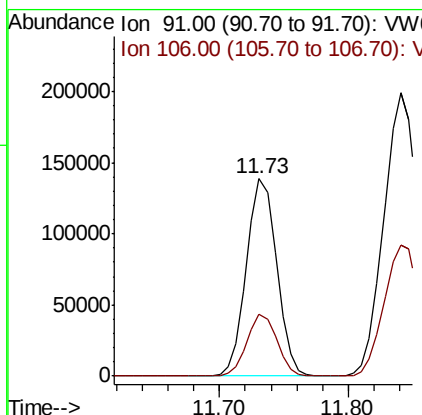
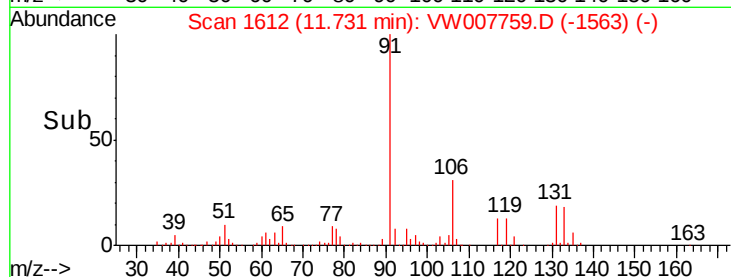
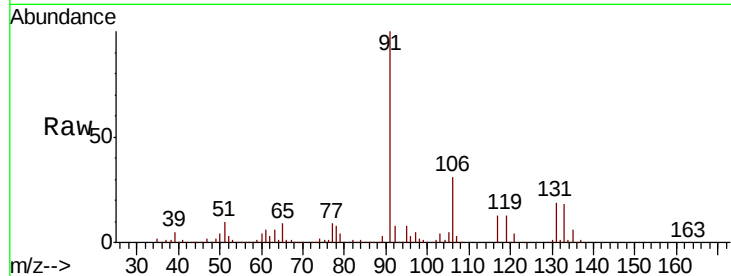
#67
Ethyl Benzene
Concen: 58.252 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 91 Resp: 224730
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

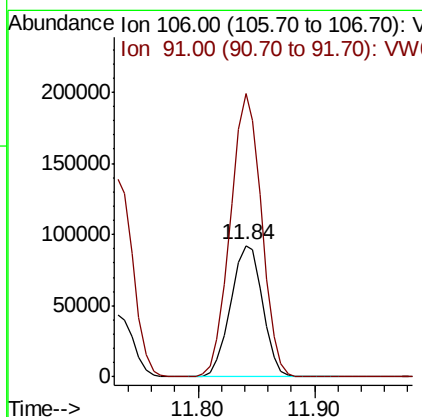
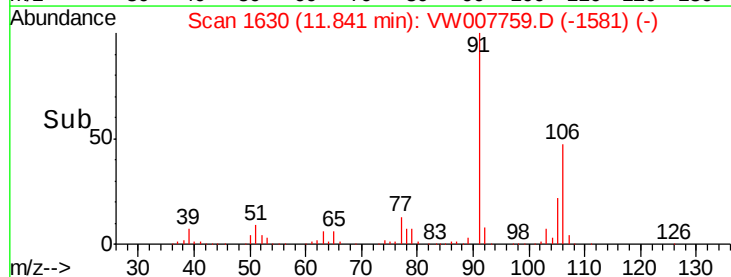
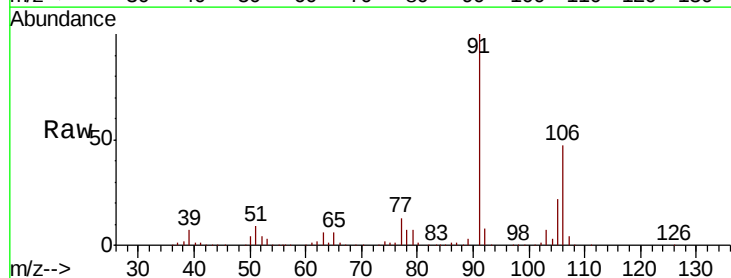
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#68
m/p-Xylenes
Concen: 117.479 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 106 Resp: 175813
Ion Ratio Lower Upper
106 100
91 210.0 165.2 247.8





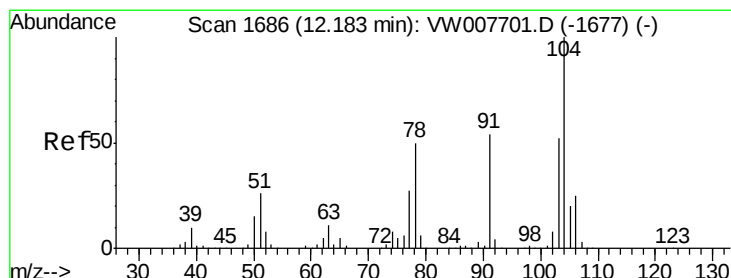
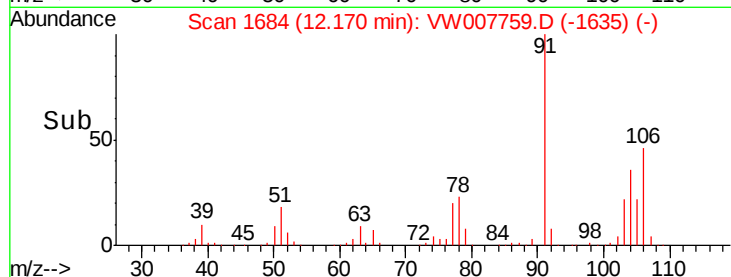
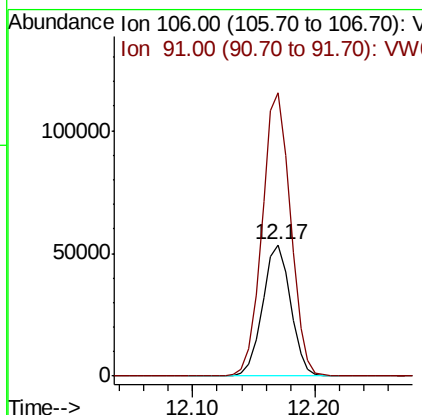
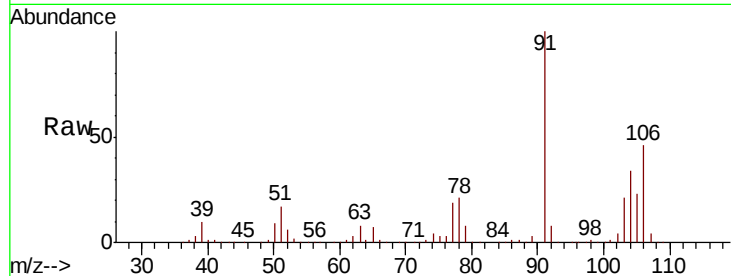
#69
o-Xylene
Concen: 61.016 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion:106 Resp: 85595
Ion Ratio Lower Upper
106 100
91 217.8 110.5 331.4

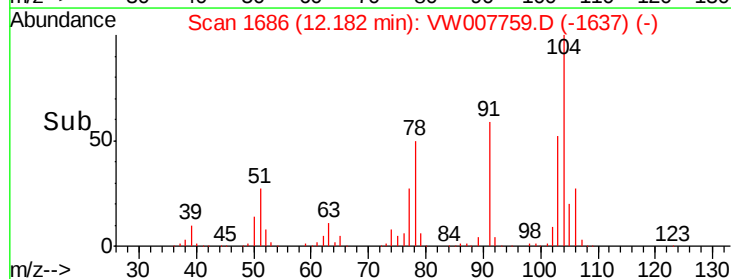
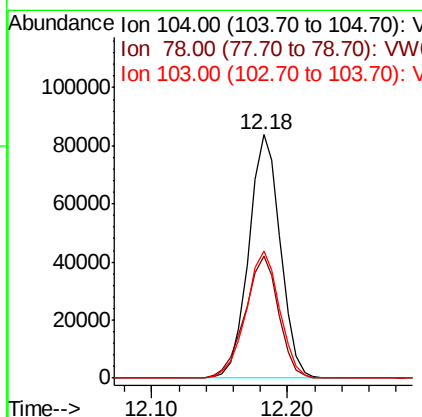
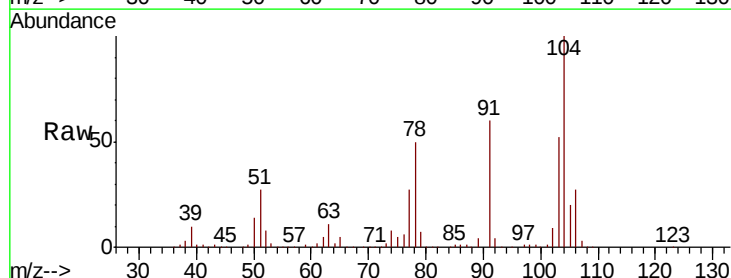
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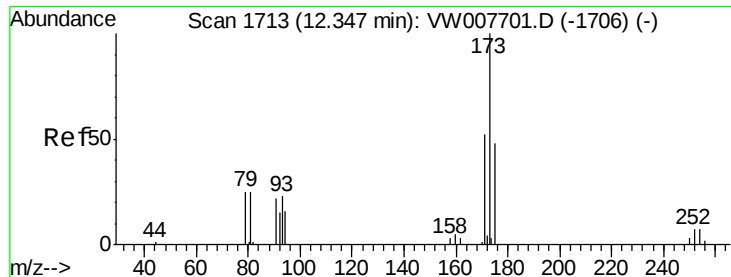
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#70
Styrene
Concen: 59.071 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion:104 Resp: 136216
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 55.4 44.5 66.7





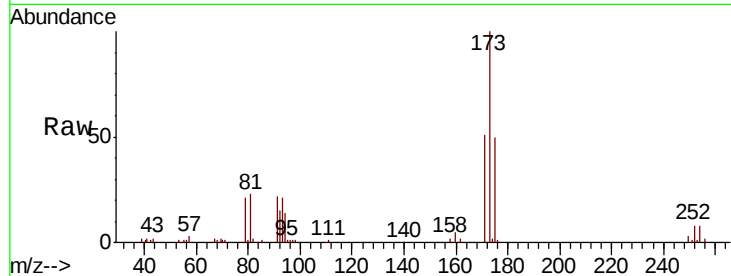
#71
Bromoform
Concen: 57.182 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

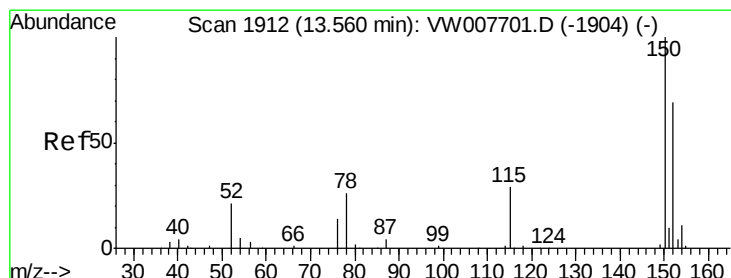
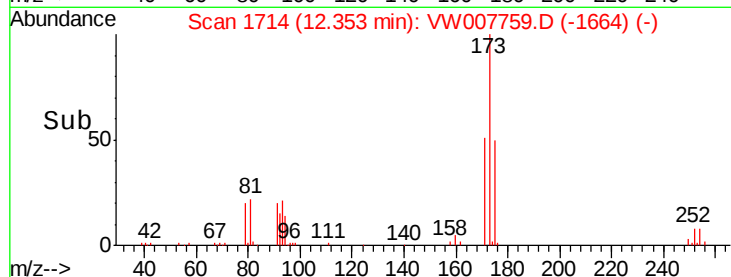
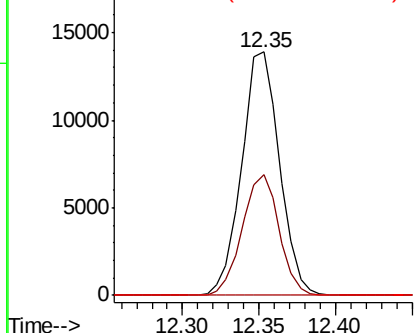
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.7
254	0.0	0.0	0.0

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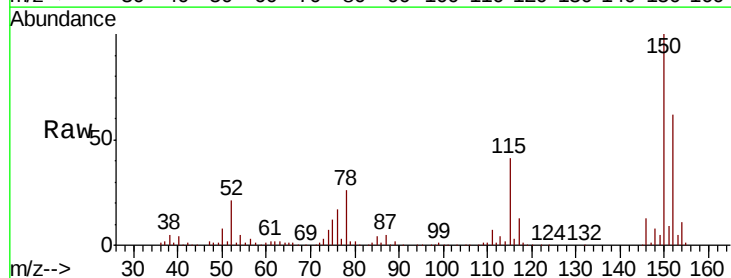


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

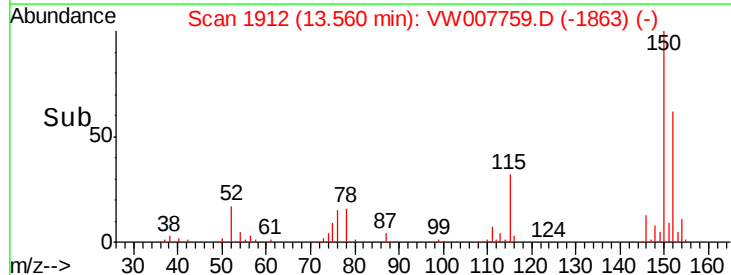
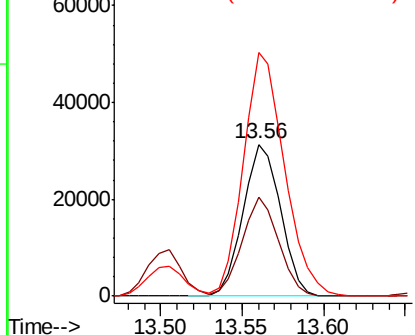


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.8	95.4
150	176.3	0.0	350.8



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: 65.979 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 105 Resp: 250744

Ion Ratio Lower Upper

105 100

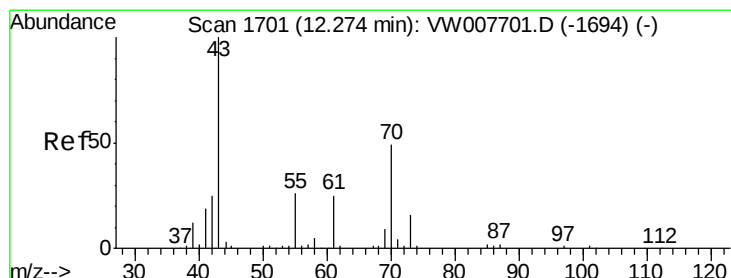
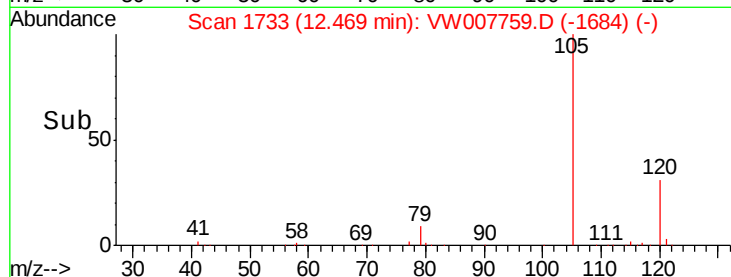
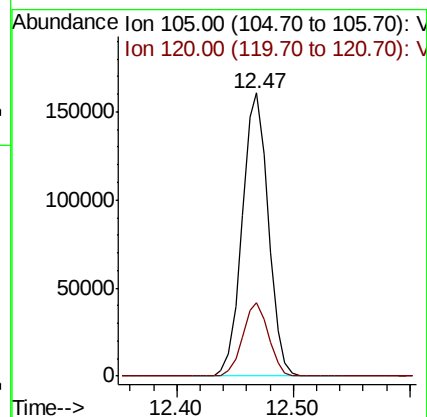
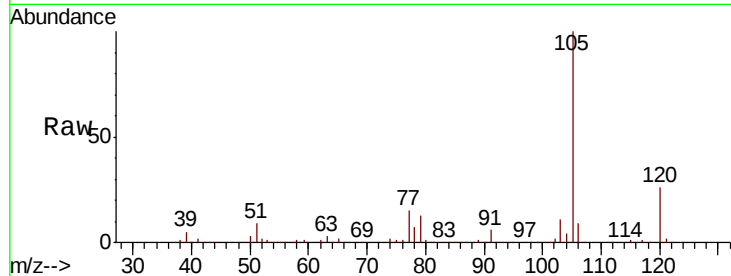
120 25.7 13.1 39.3

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#74

N-ethyl acetate

Concen: 76.408 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion: 43 Resp: 50298

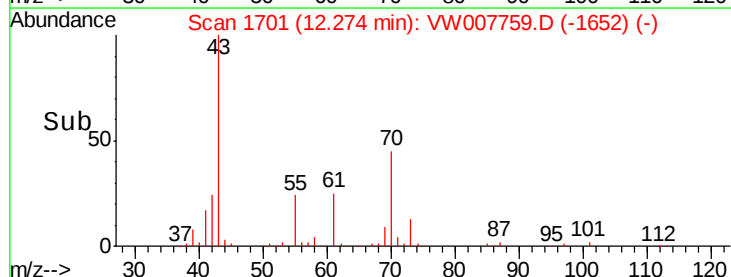
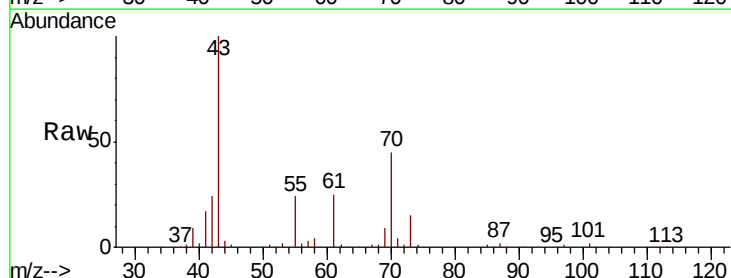
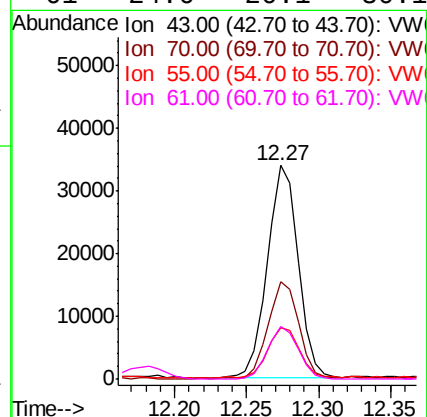
Ion Ratio Lower Upper

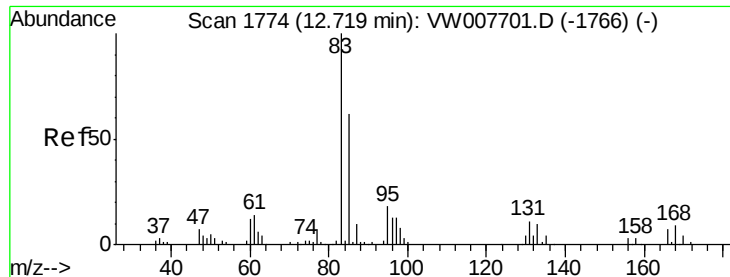
43 100

70 45.9 37.6 56.4

55 24.5 21.7 32.5

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 70.394 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

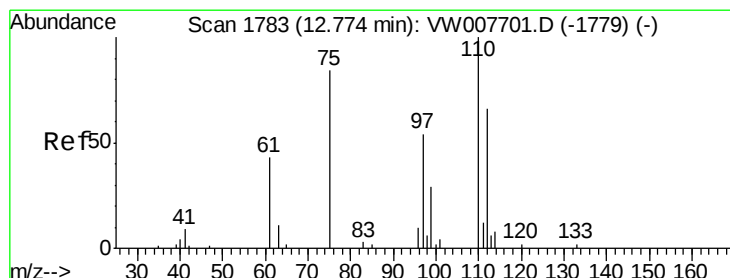
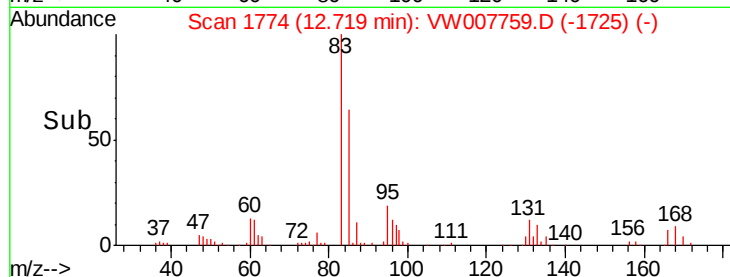
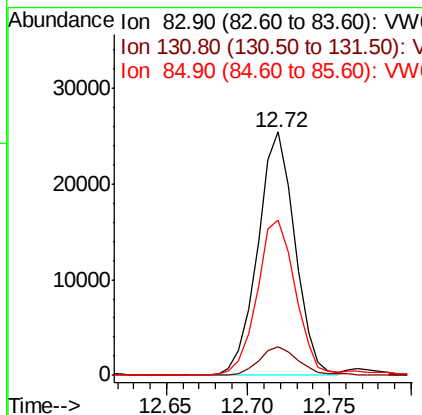
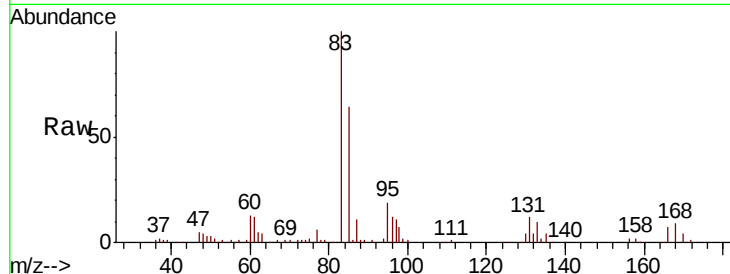
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion:	83	Resp:	40111
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.3	18.8
85	65.9	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 79.888 ug/l m

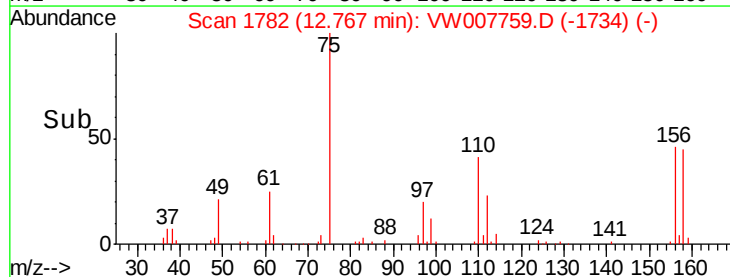
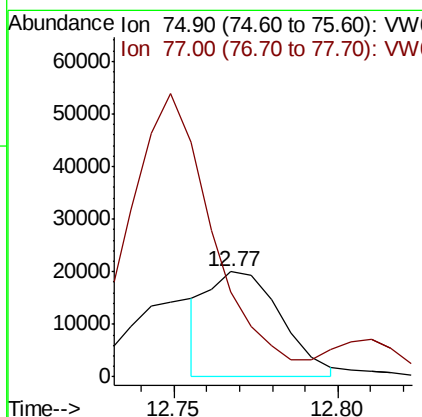
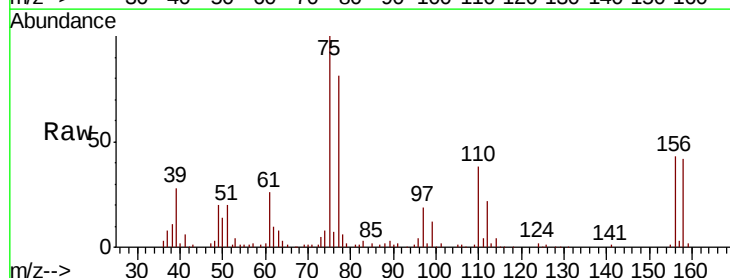
RT: 12.77 min Scan# 1782

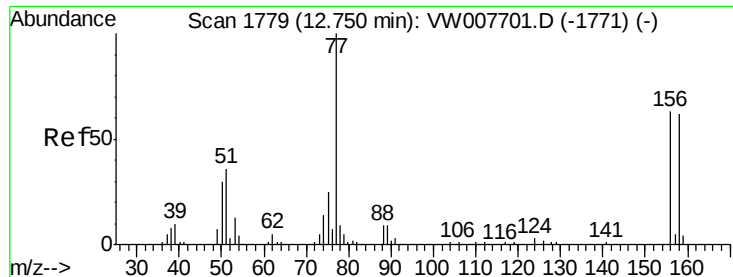
Delta R.T. -0.01 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion:	75	Resp:	31044
Ion Ratio	Lower	Upper	
75	100		
77	313.1	0.0	0.0#





#77

Bromobenzene

Concen: 60.358 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

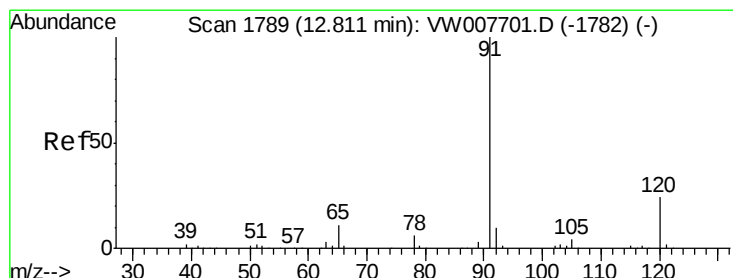
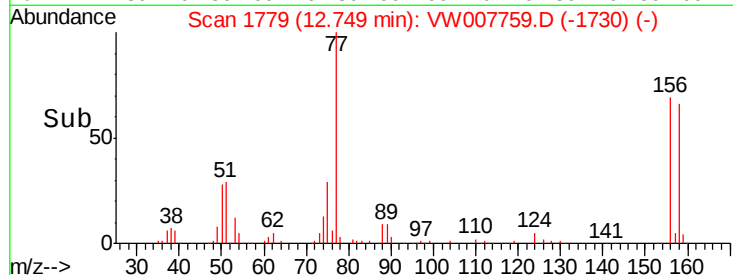
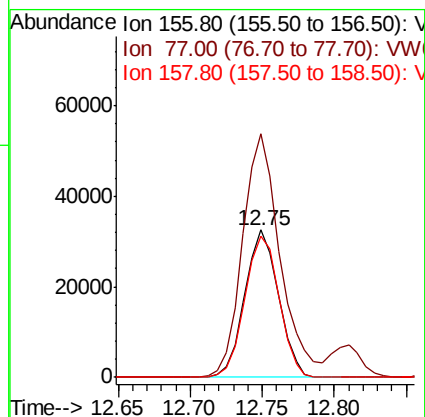
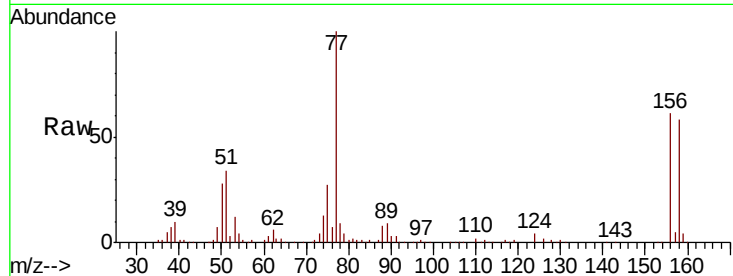
ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.9	87.4	262.1
158	97.9	48.4	145.0

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#78

n-propylbenzene

Concen: 61.111 ug/l

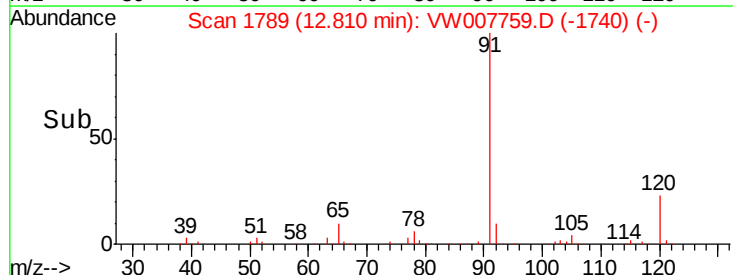
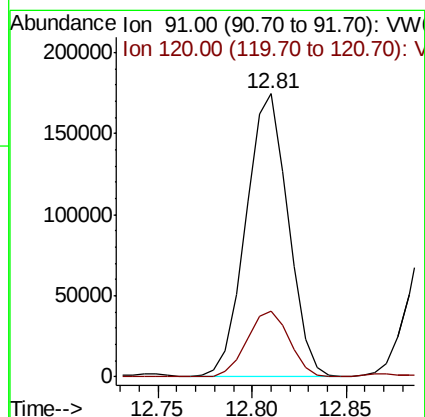
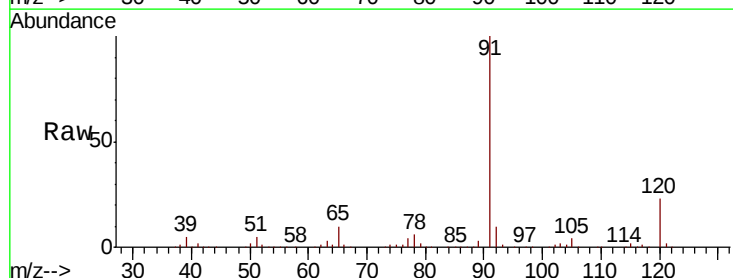
RT: 12.81 min Scan# 1789

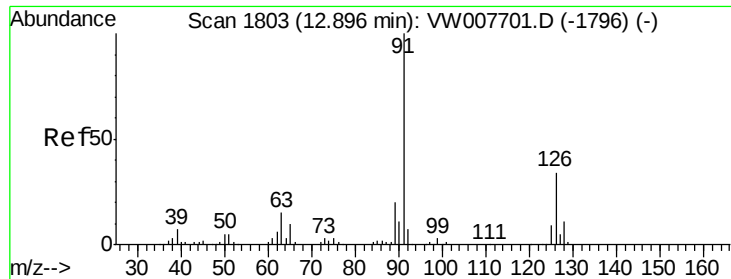
Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.7





#79

2-Chlorotoluene

Concen: 58.093 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007759.D

Acq: 20 Dec 2018 20:34

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)MSD

Tgt Ion: 91 Resp: 149712

Ion Ratio Lower Upper

91 100

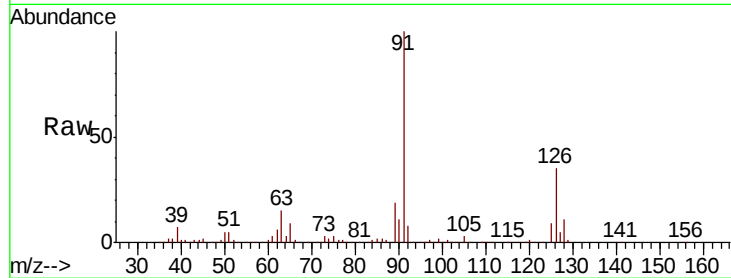
126 33.3 17.0 51.0

Manual Integrations

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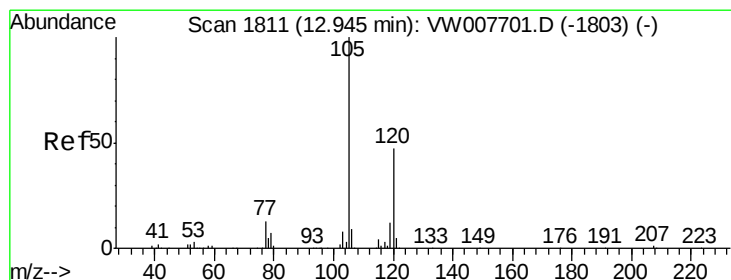
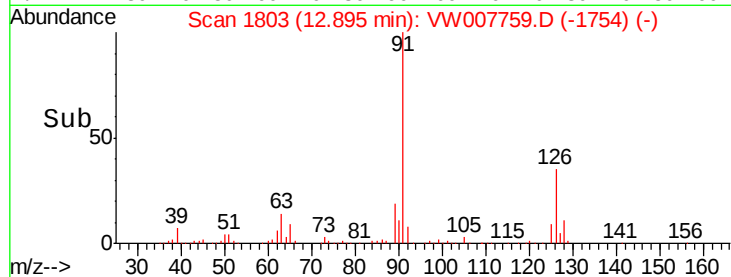
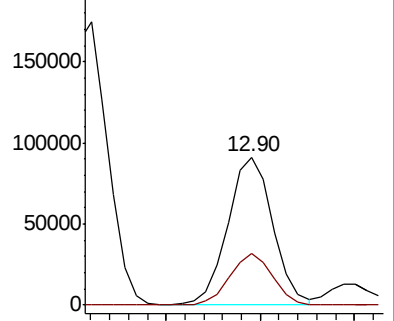
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.517 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007759.D

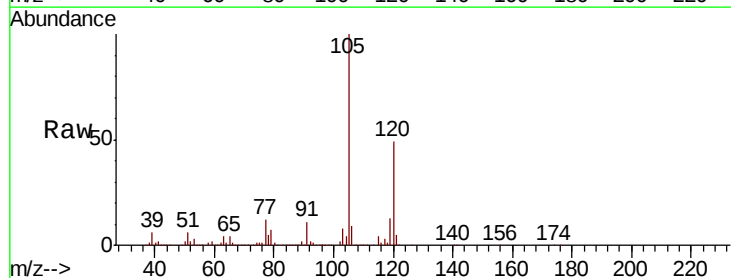
Acq: 20 Dec 2018 20:34

Tgt Ion: 105 Resp: 191824

Ion Ratio Lower Upper

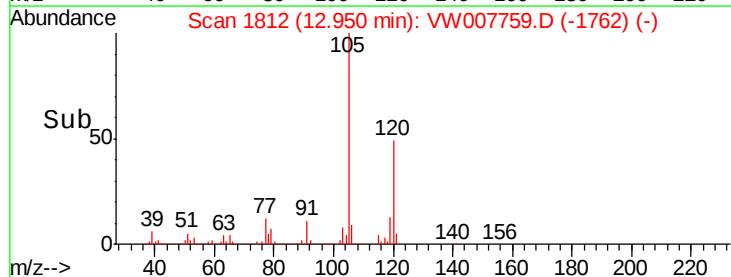
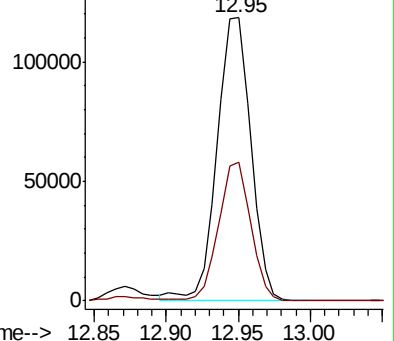
105 100

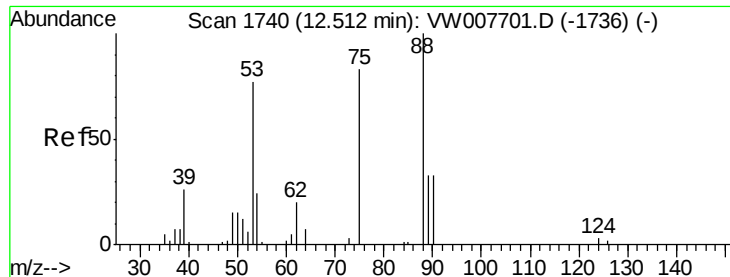
120 46.7 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





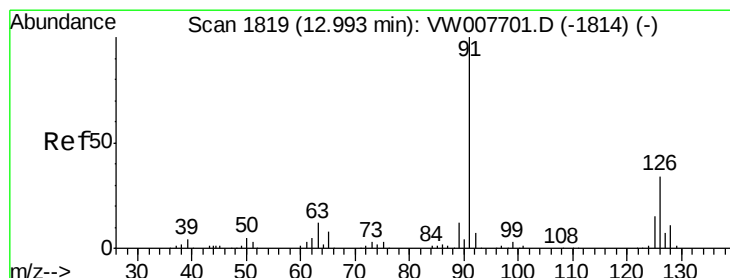
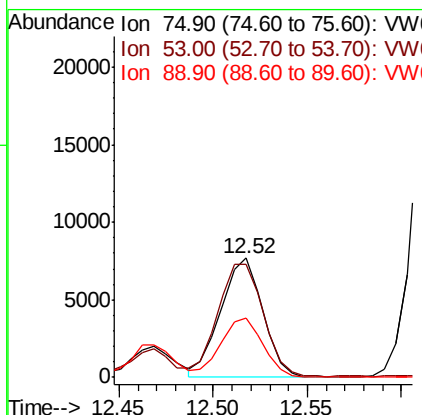
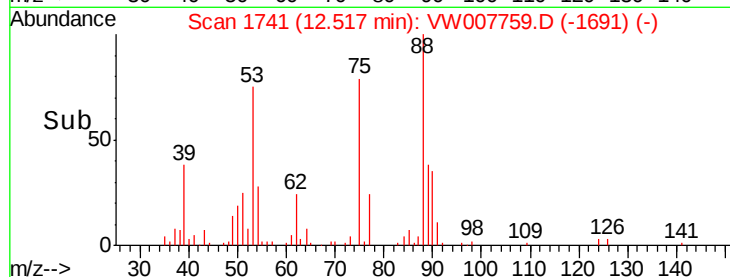
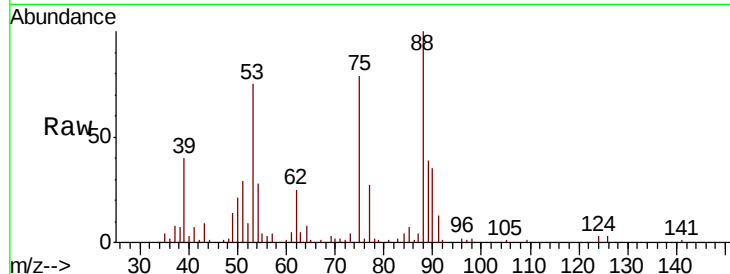
#81
trans-1,4-Dichloro-2-butene
Concen: 64.680 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion: 75 Resp: 11974
Ion Ratio Lower Upper
75 100
53 102.6 80.2 120.2
89 49.7 39.2 58.8

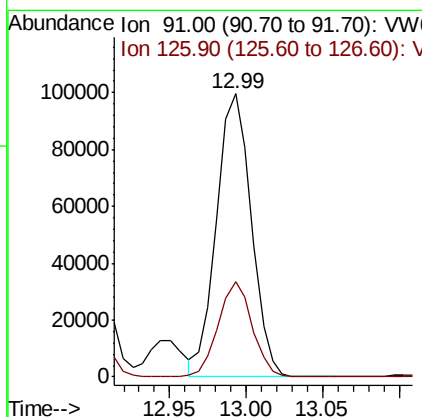
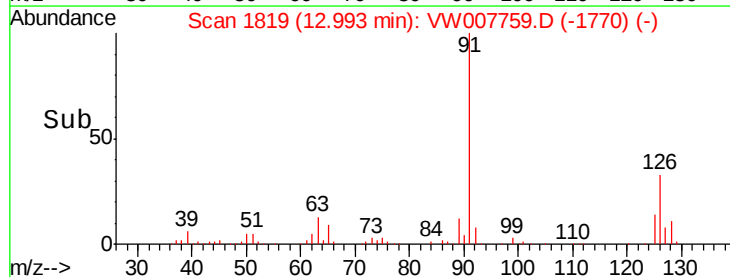
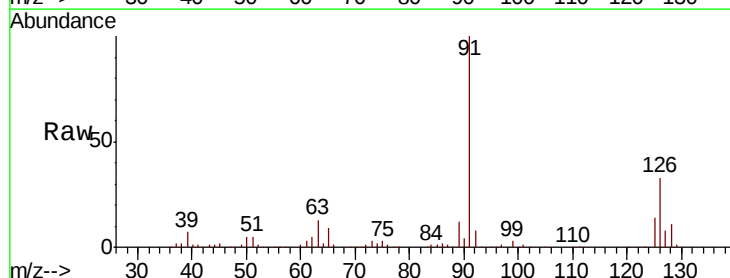
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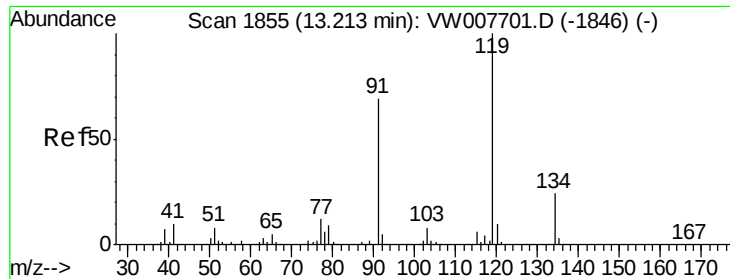
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#82
4-Chlorotoluene
Concen: 57.279 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion: 91 Resp: 157176
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5





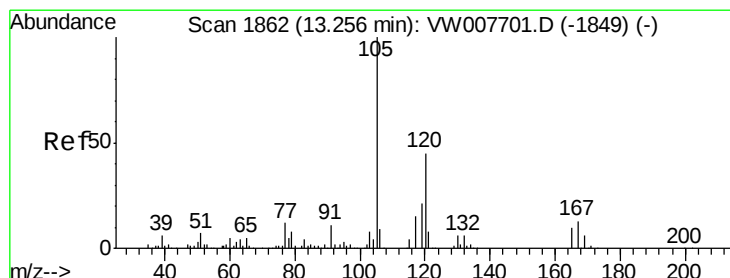
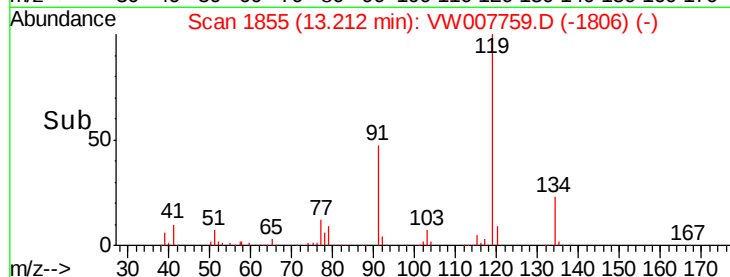
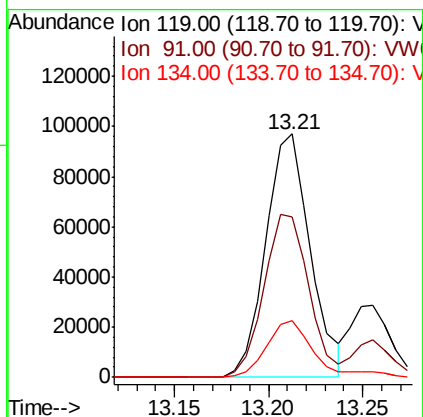
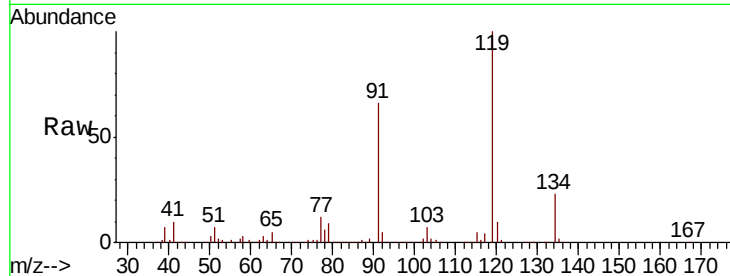
#83
tert-Butylbenzene
Concen: 55.381 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	159291		
91	67.3	34.2	102.5	
134	25.1	12.8	38.4	

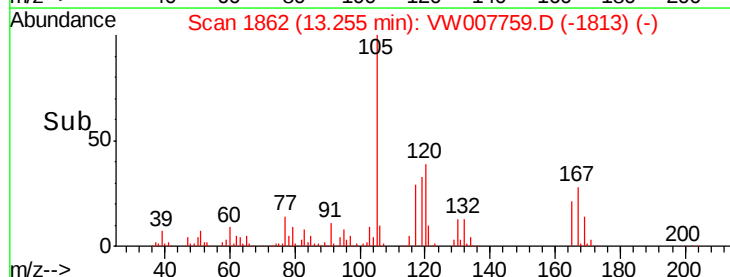
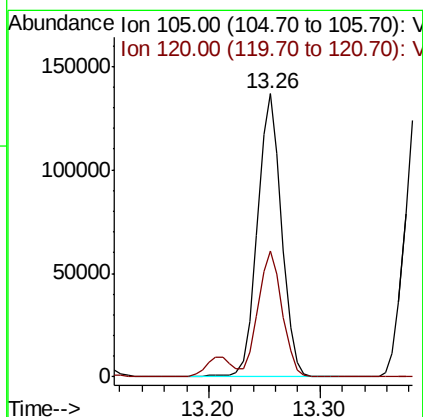
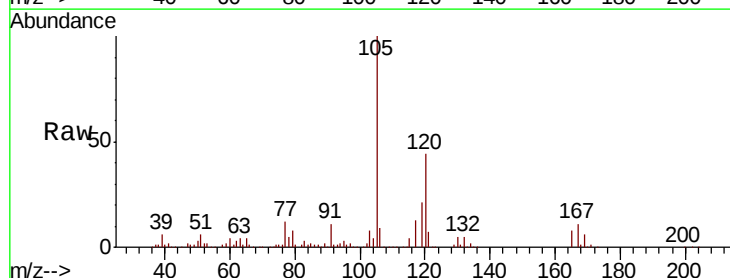
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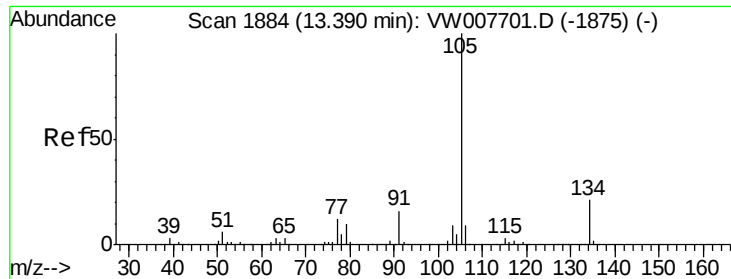
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#84
1,2,4-Trimethylbenzene
Concen: 62.278 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206001		
120	44.5	22.0	66.0	





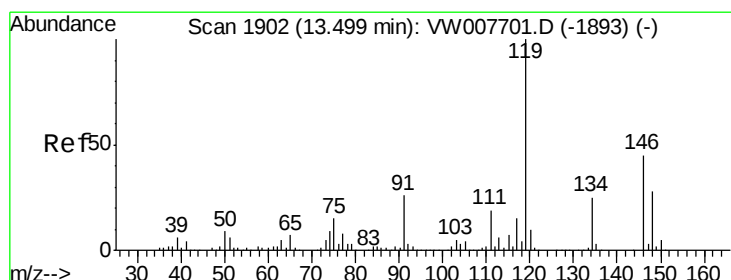
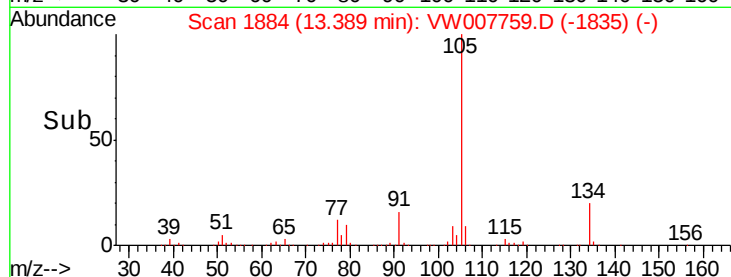
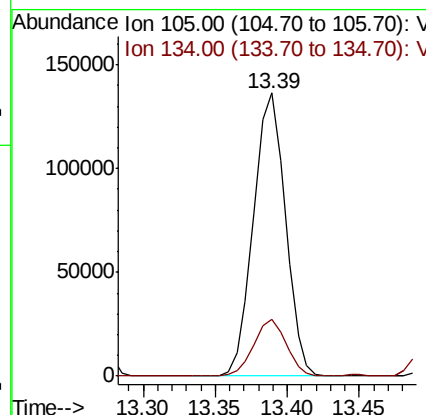
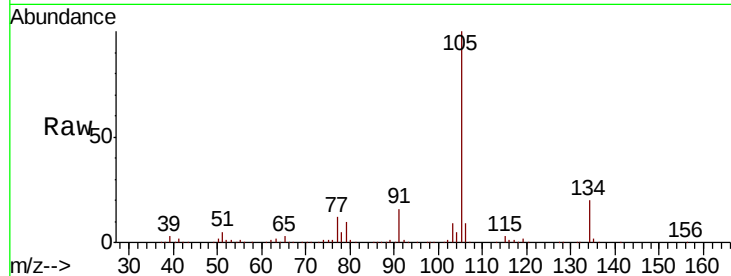
#85
 sec-Butylbenzene
 Concen: 52.737 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion:105 Resp: 209052
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

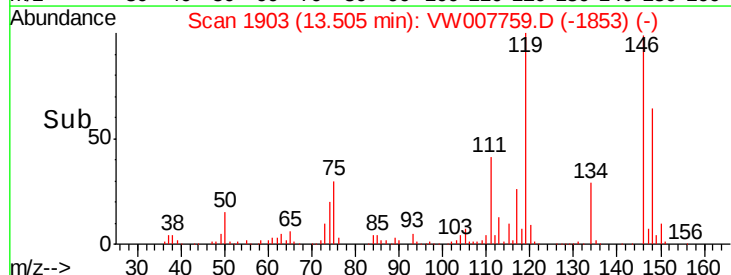
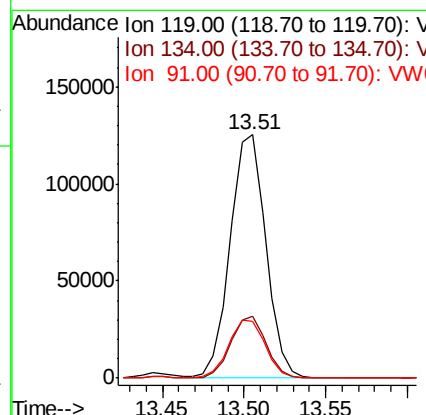
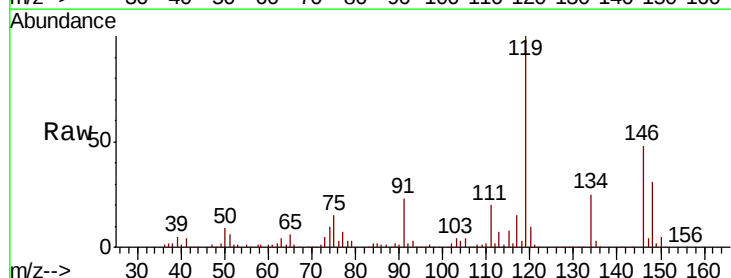
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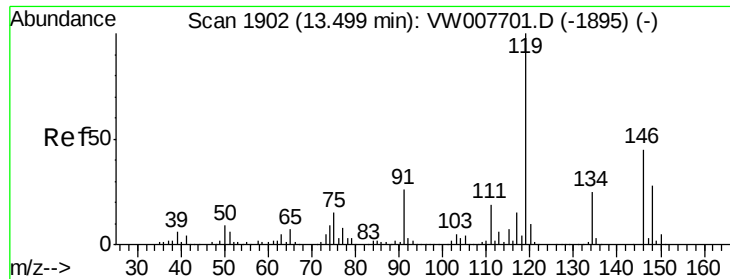
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#86
 p-Isopropyltoluene
 Concen: 52.828 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion:119 Resp: 190423
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.3 12.8 38.4





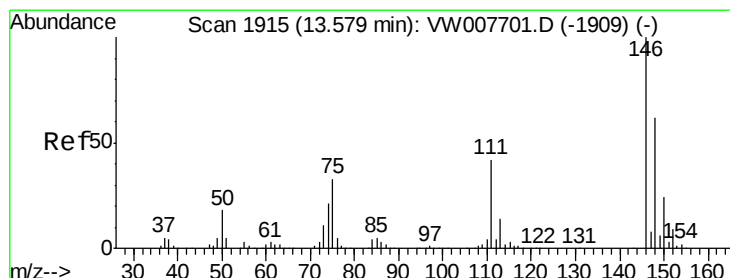
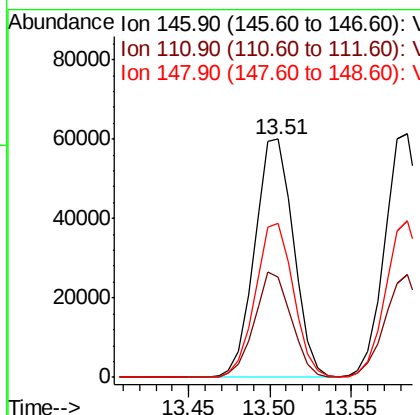
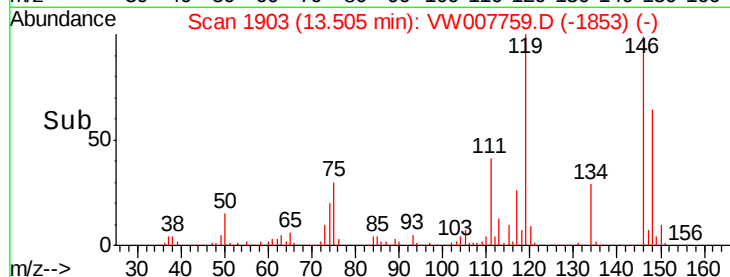
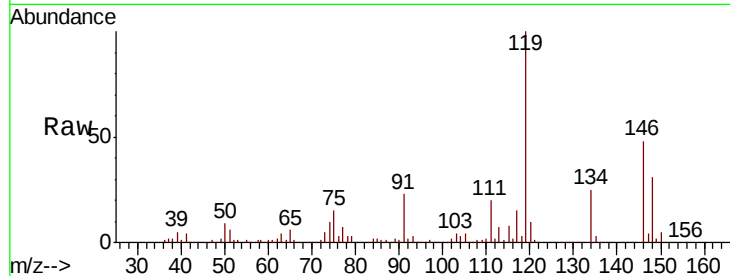
#87
 1,3-Dichlorobenzene
 Concen: 57.613 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	99628		
111	42.1	21.1	63.4	
148	63.4	32.1	96.5	

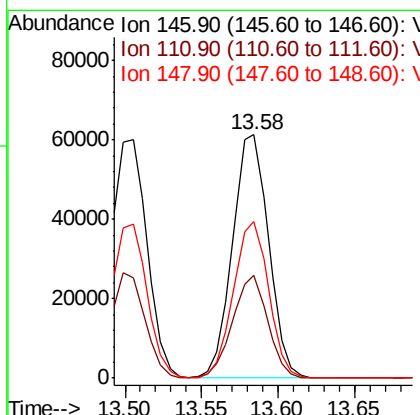
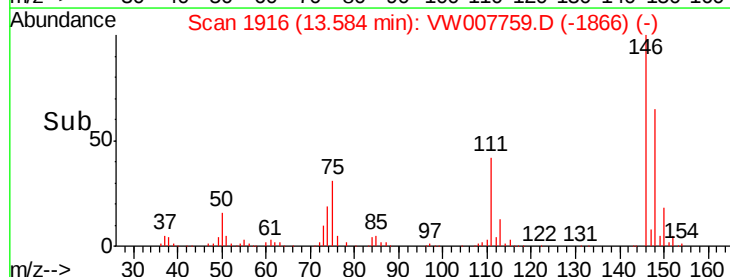
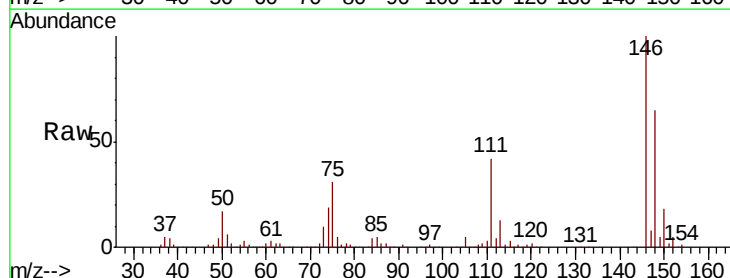
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#88
 1,4-Dichlorobenzene
 Concen: 58.033 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	100384		
111	41.3	21.0	63.0	
148	63.0	31.8	95.4	





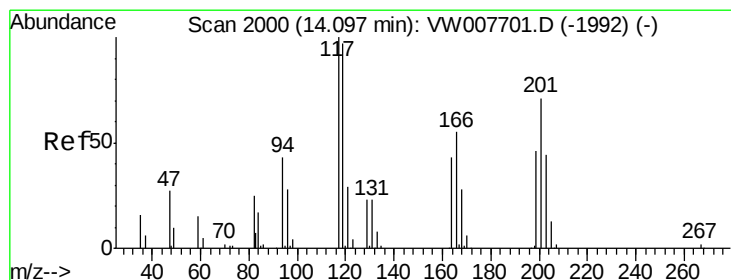
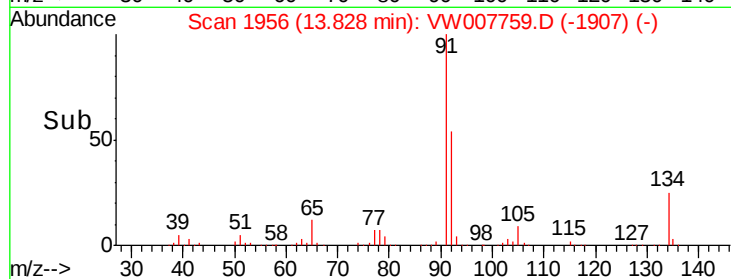
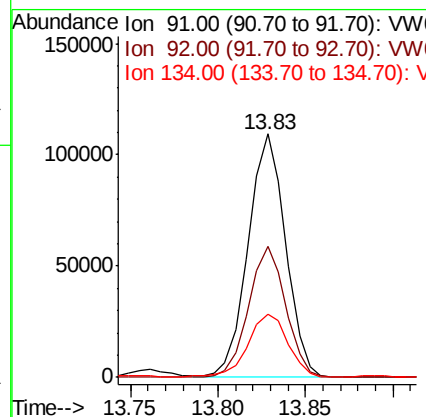
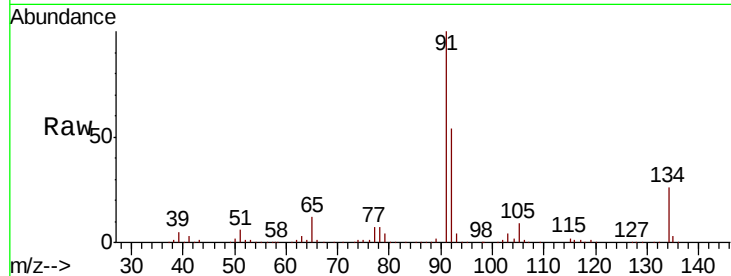
#89
n-Butylbenzene
Concen: 49.036 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	27.7	13.7	41.0

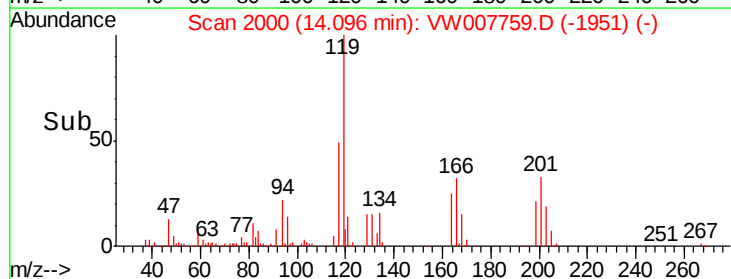
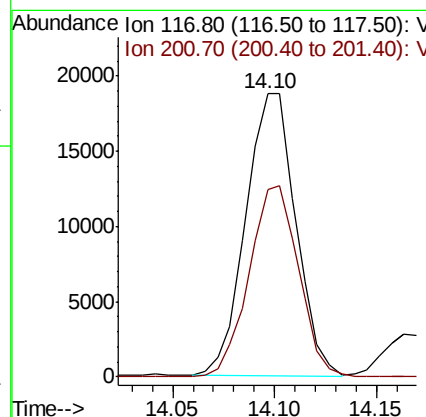
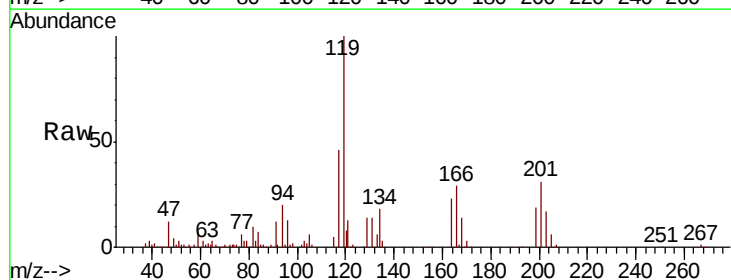
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#90
Hexachloroethane
Concen: 50.373 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	36.2	108.6





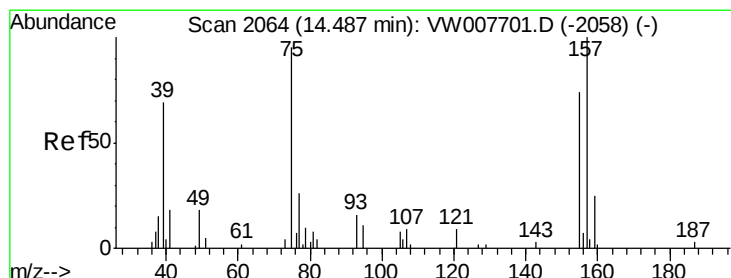
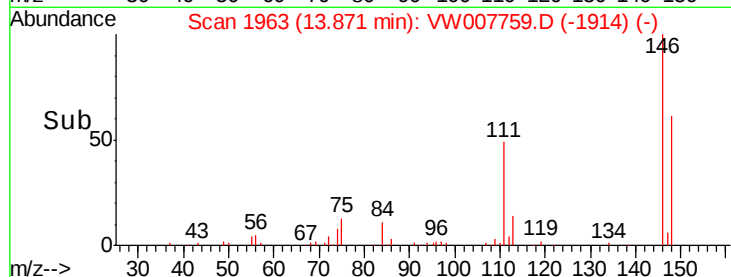
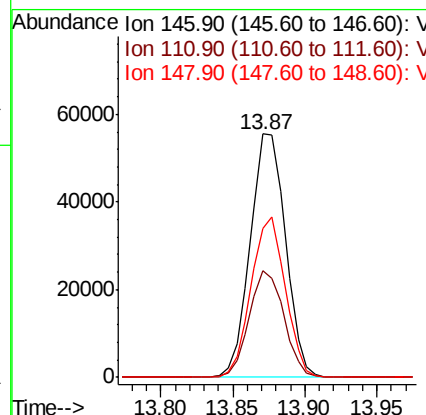
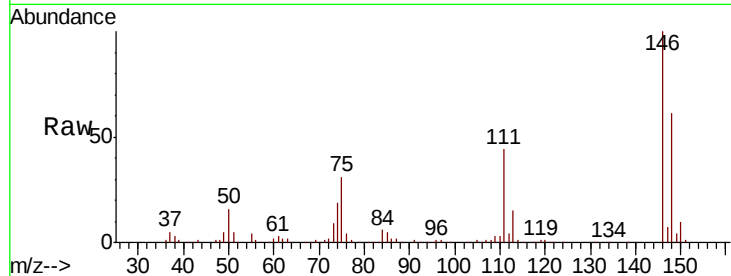
#91
 1,2-Dichlorobenzene
 Concen: 60.620 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.7	65.1
148	63.7	32.1	96.5

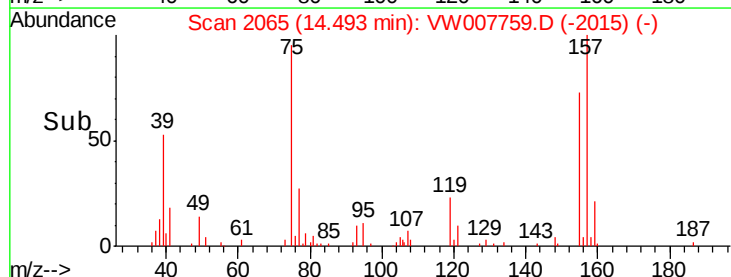
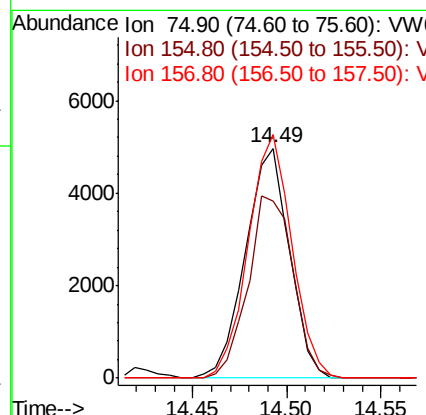
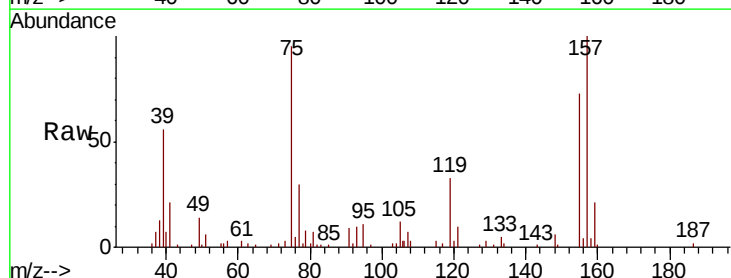
Manual Integrations
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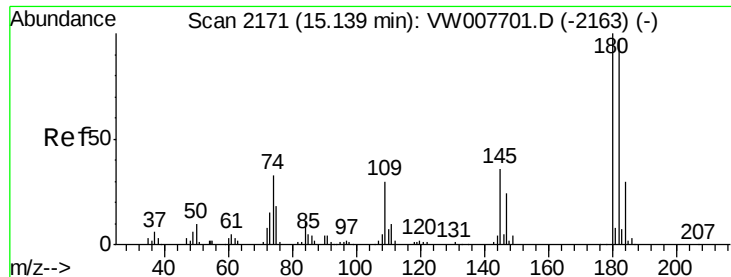
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.520 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007759.D
 Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	39.4	118.1
157	105.2	52.0	156.0





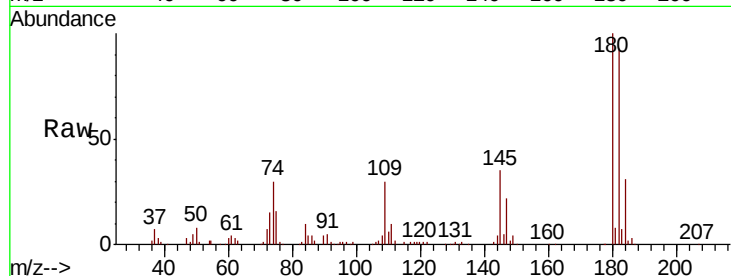
#93
1,2,4-Trichlorobenzene
Concen: 57.301 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61583		
182	95.7	47.5	142.6	
145	37.5	17.5	52.5	

Manual Integrations
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apatel
12/21/2018 11:04:14 AM

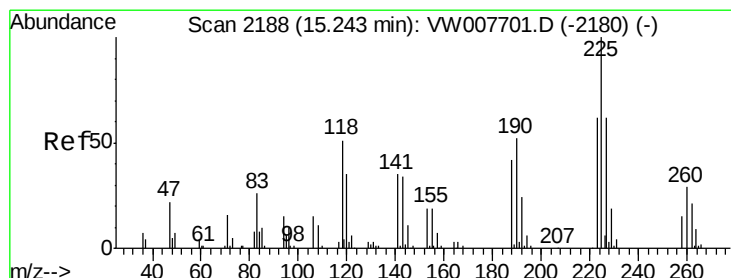
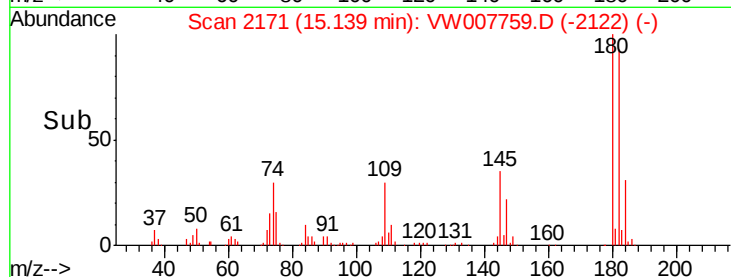
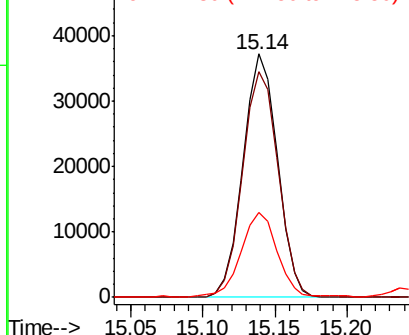


Abundance

Ion 179.80 (179.50 to 180.50): V

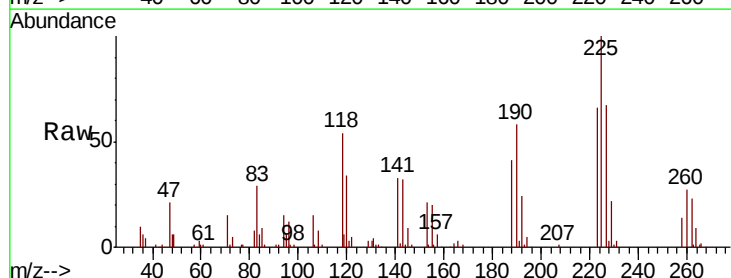
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 43.337 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24891		
223	63.1	31.6	94.8	
227	63.6	32.1	96.3	

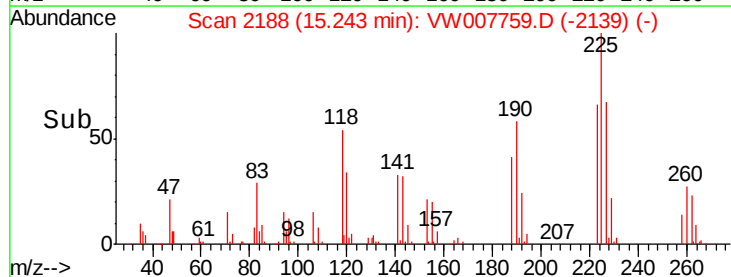
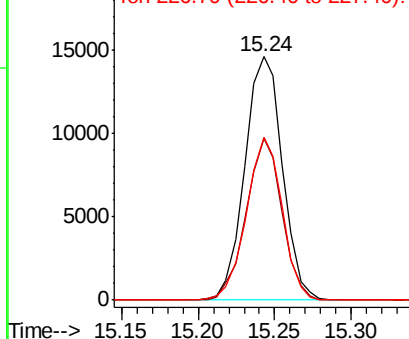


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





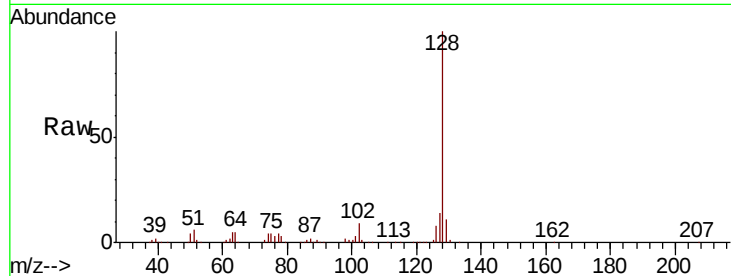
#95
Naphthalene
Concen: 78.449 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	155878		
127	13.4	10.7	16.1	
129	10.8	8.8	13.2	

Manual Integrations
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apatel
12/21/2018 11:04:14 AM

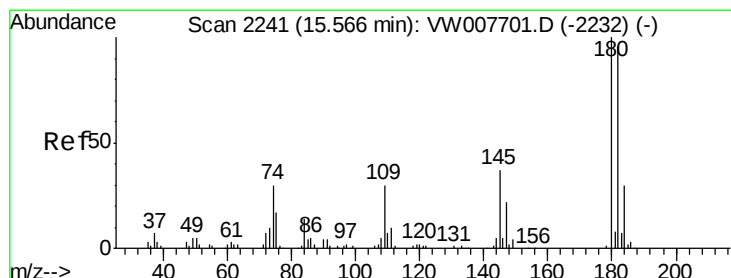
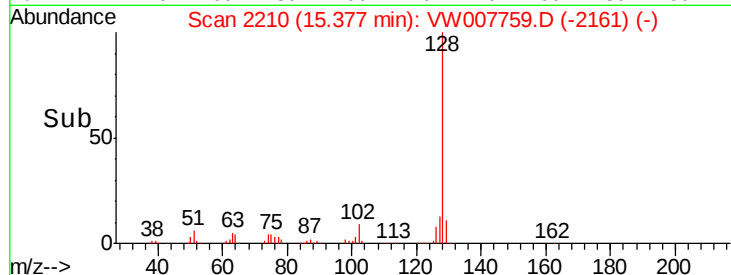
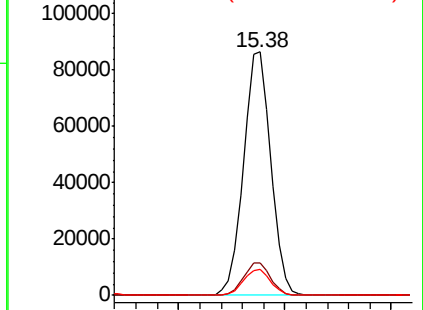


Abundance

Ion 128.00 (127.70 to 128.70): V

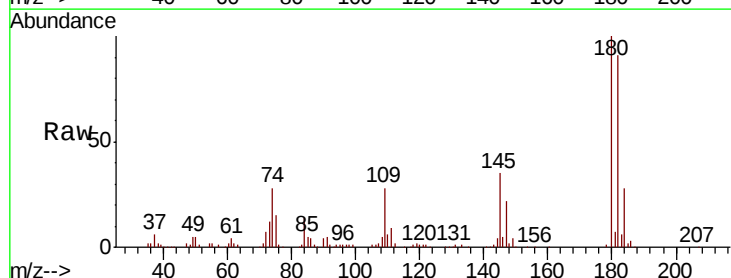
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 61.519 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007759.D
Acq: 20 Dec 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56596		
182	94.0	47.4	142.2	
145	38.9	18.4	55.0	



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

