

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007206.D
 Acq On : 05 Dec 2018 01:26
 Operator : SY/AP
 Sample : VW1204SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Manual Integrations
 APPROVED

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 12/5/2018 12:44:28 PM

Quant Time: Dec 05 07:41:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51325	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.88	113	47714	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	208153	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	78093	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	23244	20.803	ug/l	100
3) Chloromethane	2.21	50	29508	20.854	ug/l	100
4) Vinyl Chloride	2.35	62	17637	19.907	ug/l	97
5) Bromomethane	2.75	94	10549	23.762	ug/l	99
6) Chloroethane	2.90	64	10271	20.662	ug/l	98
7) Trichlorofluoromethane	3.25	101	34158	19.776	ug/l	97
8) Diethyl Ether	3.68	74	10976	22.797	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20122	19.285	ug/l	99
10) Methyl Iodide	4.28	142	16134	18.151	ug/l	99
11) Tert butyl alcohol	5.17	59	15452m	163.718	ug/l	
12) 1,1-Dichloroethene	4.04	96	19265	19.702	ug/l	93
13) Acrolein	3.90	56	7591	113.936	ug/l	98
14) Allyl chloride	4.67	41	31265	19.947	ug/l	99
15) Acrylonitrile	5.37	53	24391	121.182	ug/l	99
16) Acetone	4.12	43	20870	92.715	ug/l	96
17) Carbon Disulfide	4.38	76	62926	19.523	ug/l	97
18) Methyl Acetate	4.67	43	13169	25.630	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	52727	22.902	ug/l	100
20) Methylene Chloride	4.92	84	26421	20.199	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	22142	20.279	ug/l	96
22) Diisopropyl ether	6.31	45	60517	21.508	ug/l	95
23) Vinyl Acetate	6.26	43	169821	110.612	ug/l	100
24) 1,1-Dichloroethane	6.22	63	37125	20.586	ug/l	100
25) 2-Butanone	7.18	43	27939	107.073	ug/l	96
26) 2,2-Dichloropropane	7.17	77	31165	17.983	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24556	20.980	ug/l	99
28) Bromochloromethane	7.51	49	14260	21.929	ug/l	100
29) Tetrahydrofuran	7.53	42	20128	124.828	ug/l	99
30) Chloroform	7.68	83	39174	20.901	ug/l	98
31) Cyclohexane	7.96	56	35430	18.777	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	35384	20.061	ug/l	99
36) 1,1-Dichloropropene	8.09	75	30641	19.422	ug/l	99
37) Ethyl Acetate	7.26	43	13362	23.414	ug/l	99
38) Carbon Tetrachloride	8.07	117	29932	18.588	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38696	18.322	ug/l	97
40) Benzene	8.33	78	87181	20.152	ug/l	97
41) Methacrylonitrile	7.49	41	8557	25.034	ug/l	98
42) 1,2-Dichloroethane	8.40	62	25832	21.366	ug/l	98
43) Isopropyl Acetate	8.43	43	25601	23.098	ug/l	99
44) Trichloroethene	9.09	130	24226	19.922	ug/l	98
45) 1,2-Dichloropropane	9.37	63	21268	21.126	ug/l	99
46) Dibromomethane	9.46	93	11443	21.875	ug/l	98
47) Bromodichloromethane	9.65	83	28157	20.463	ug/l	95
48) Methyl methacrylate	9.44	41	13644	23.719	ug/l	97
49) 1,4-Dioxane	9.45	88	4286	469.013	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	63764	116.741	ug/l	99
52) Toluene	10.39	92	59140	19.652	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	28755	20.785	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	33349	20.569	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	15997	21.499	ug/l	95
56) Ethyl methacrylate	10.65	69	22250	22.923	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26294	20.931	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	47934	122.950	ug/l	99
59) 2-Hexanone	10.97	43	44881	113.350	ug/l	95
60) Dibromochloromethane	11.13	129	19435	21.251	ug/l	97
61) 1,2-Dibromoethane	11.24	107	15609	21.871	ug/l	99
64) Tetrachloroethene	10.87	164	23127	21.303	ug/l	96
65) Chlorobenzene	11.66	112	68119	20.527	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	21538	21.015	ug/l	96
67) Ethyl Benzene	11.74	91	119259	19.718	ug/l	98
68) m/p-Xylenes	11.84	106	94840	39.970	ug/l	100
69) o-Xylene	12.17	106	43906	19.805	ug/l	91
70) Styrene	12.18	104	73886	20.360	ug/l	98
71) Bromoform	12.35	173	11184	21.799	ug/l #	98
73) Isopropylbenzene	12.47	105	116932	18.518	ug/l	98
74) N-amyl acetate	12.27	43	23655	21.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18770	22.888	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11277m	9.666	ug/l	
77) Bromobenzene	12.75	156	26774	19.643	ug/l	99
78) n-propylbenzene	12.81	91	138725	18.440	ug/l	99
79) 2-Chlorotoluene	12.90	91	84068	19.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	104329	19.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5987	21.465	ug/l	97
82) 4-Chlorotoluene	12.99	91	88928	19.677	ug/l	96
83) tert-Butylbenzene	13.21	119	90960	19.268	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	101966	18.491	ug/l	94
85) sec-Butylbenzene	13.39	105	127789	18.962	ug/l	98
86) p-Isopropyltoluene	13.51	119	115184	19.199	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	55420	19.806	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	52931	18.728	ug/l	96
89) n-Butylbenzene	13.83	91	103429	18.449	ug/l	98
90) Hexachloroethane	14.10	117	16516	18.065	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	47129	19.456	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3260	20.520	ug/l	98

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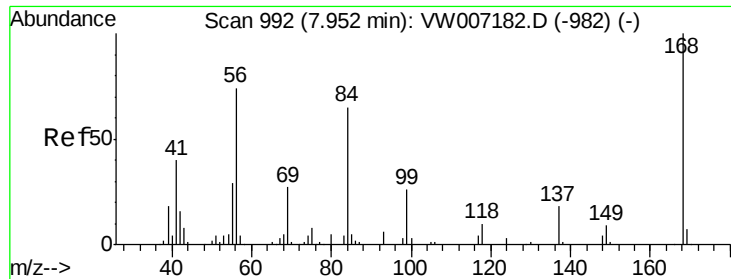
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30836	18.369	ug/l	99
94) Hexachlorobutadiene	15.24	225	16217	17.915	ug/l	96
95) Naphthalene	15.38	128	61542	20.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26044	18.399	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. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 168 Resp: 102127

Ion Ratio Lower Upper

168 100

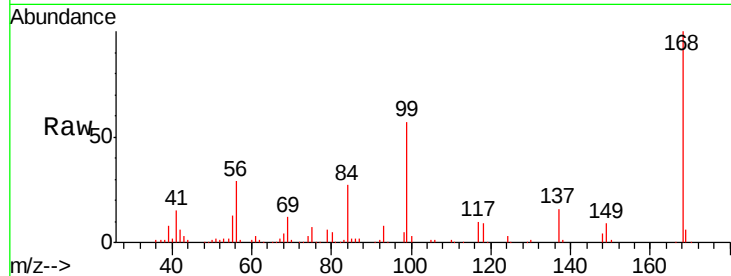
99 56.4 47.8 71.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

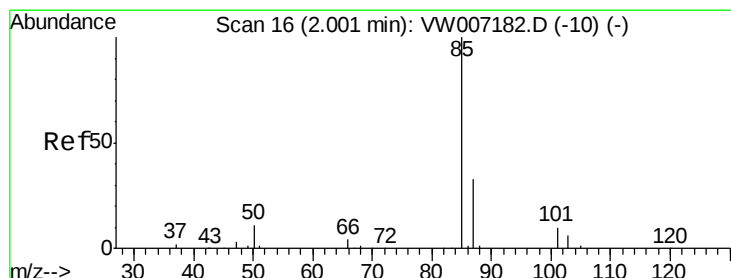
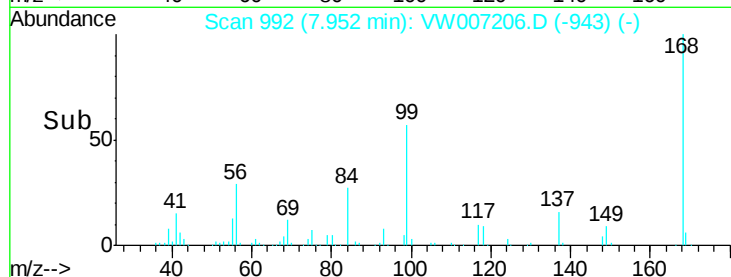
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.803 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007206.D

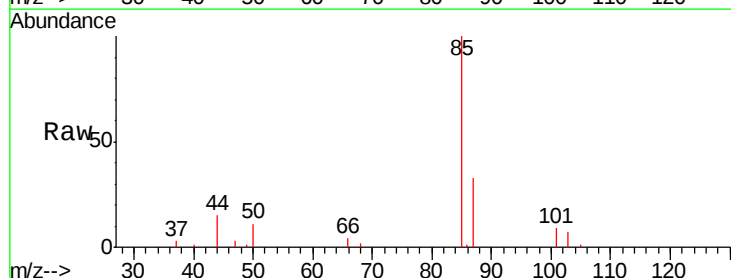
Acq: 05 Dec 2018 01:26

Tgt Ion: 85 Resp: 23244

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

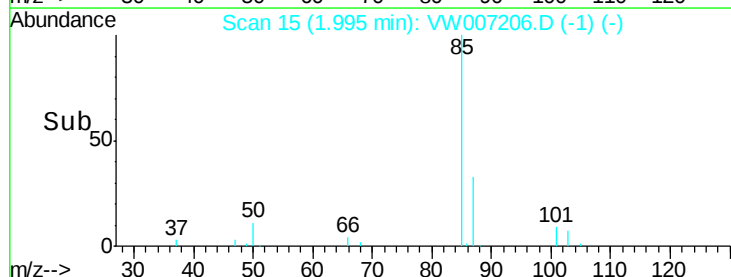
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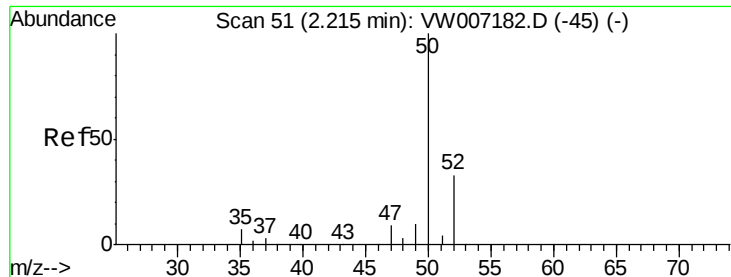
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.854 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 50 Resp: 29508

Ion Ratio Lower Upper

50 100

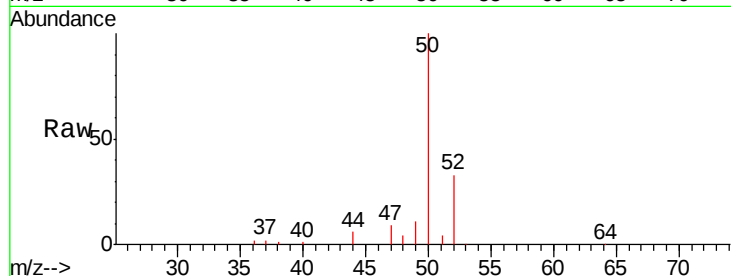
52 32.6 26.2 39.2

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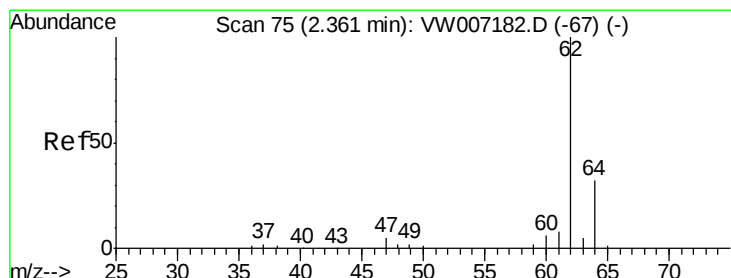
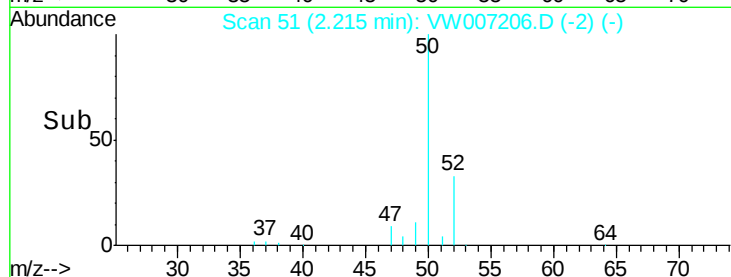
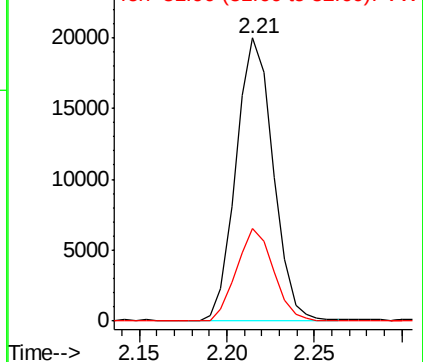
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.907 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007206.D

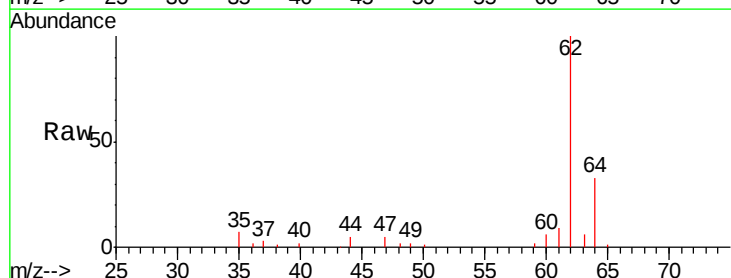
Acq: 05 Dec 2018 01:26

Tgt Ion: 62 Resp: 17637

Ion Ratio Lower Upper

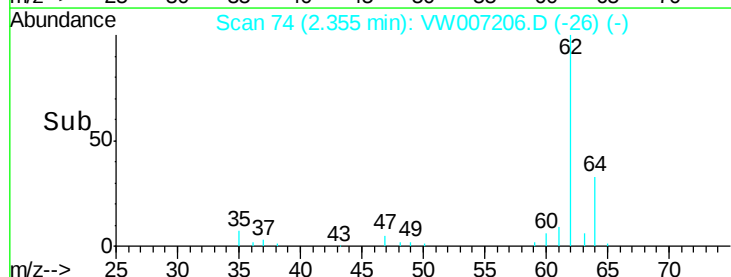
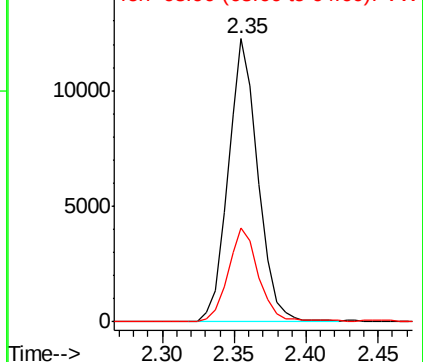
62 100

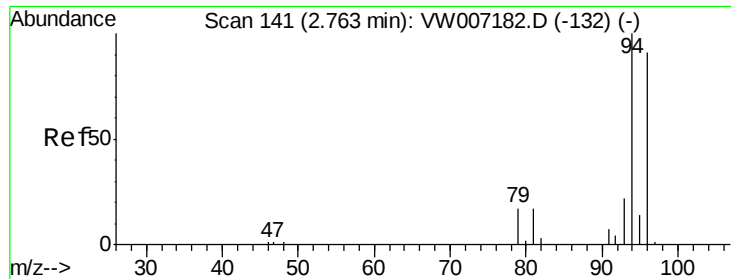
64 33.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.762 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

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ClientSampleId :

VW1204SBSD02

Tgt Ion: 94 Resp: 10549

Ion Ratio Lower Upper

94 100

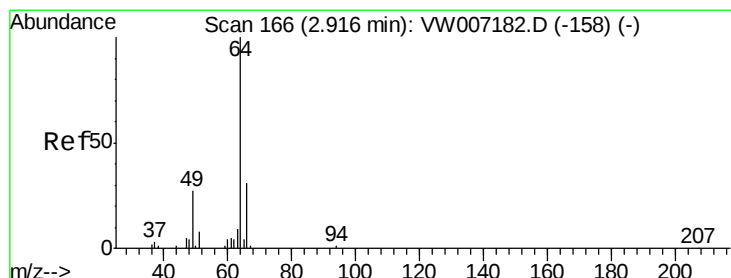
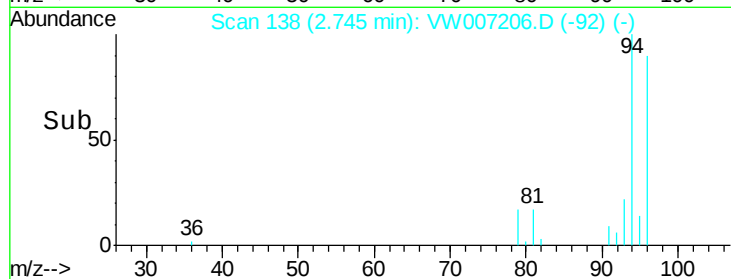
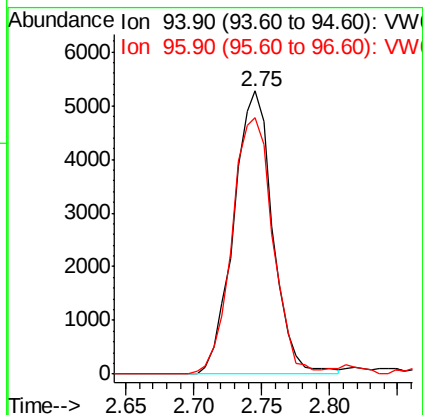
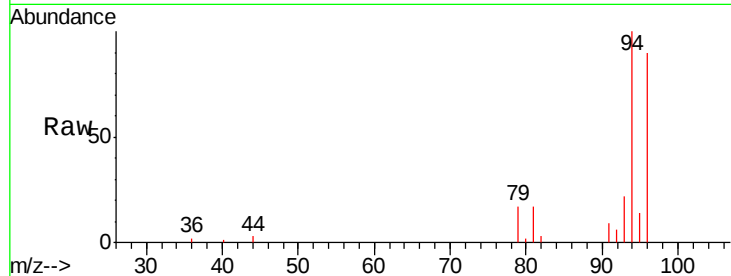
96 90.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 20.662 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007206.D

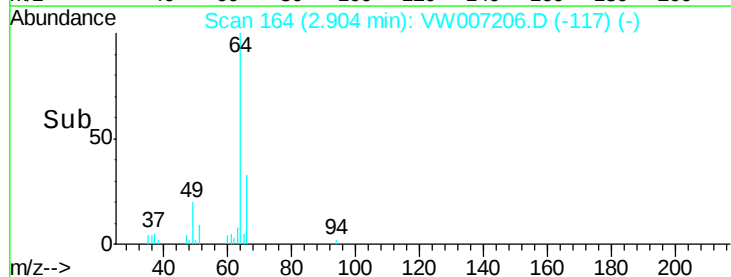
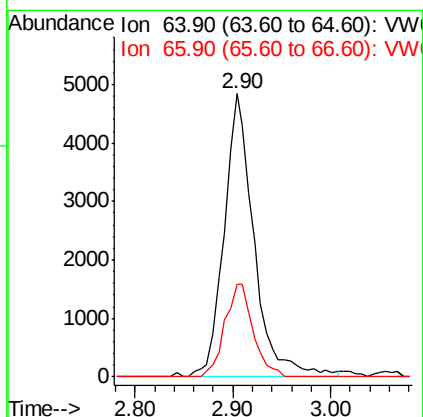
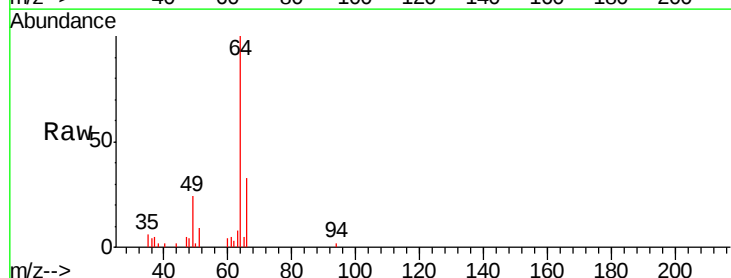
Acq: 05 Dec 2018 01:26

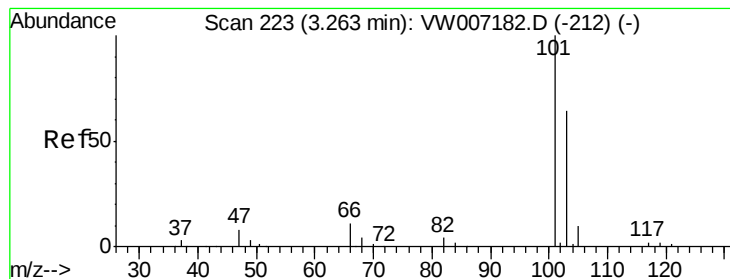
Tgt Ion: 64 Resp: 10271

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.6





#7

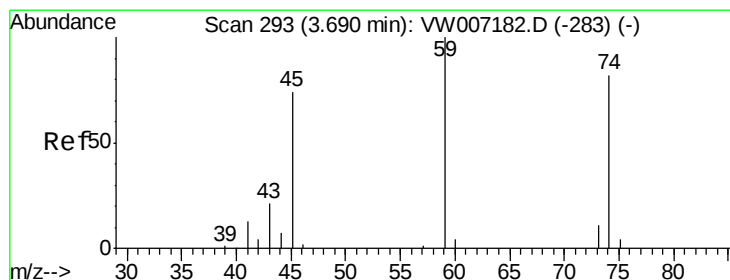
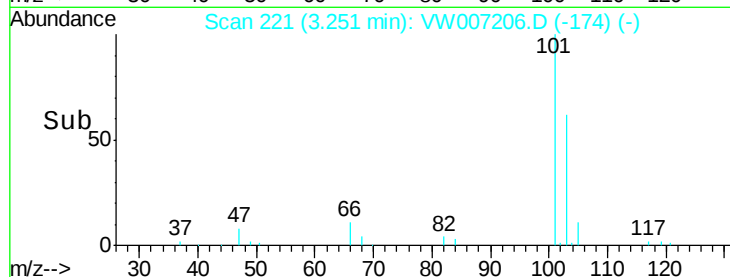
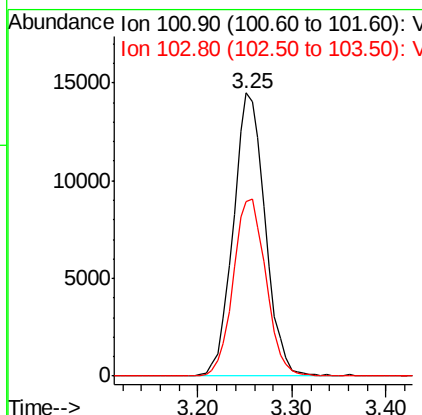
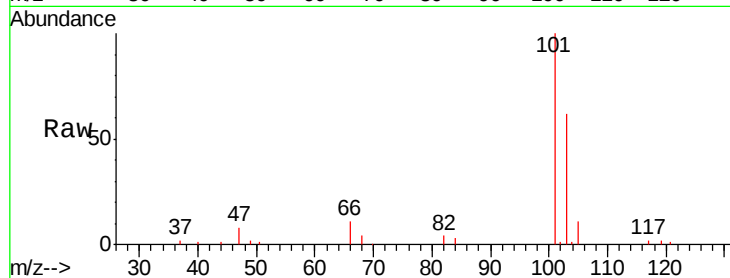
Trichlorofluoromethane
 Concen: 19.776 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007206.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.5	50.9	76.3

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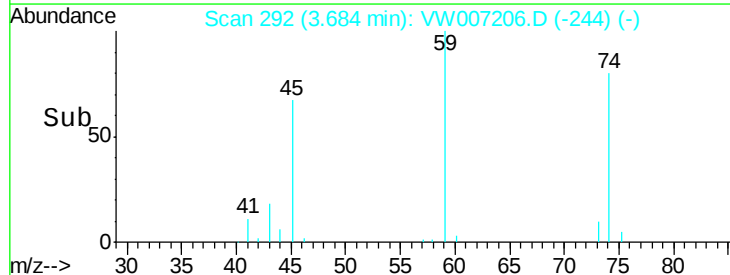
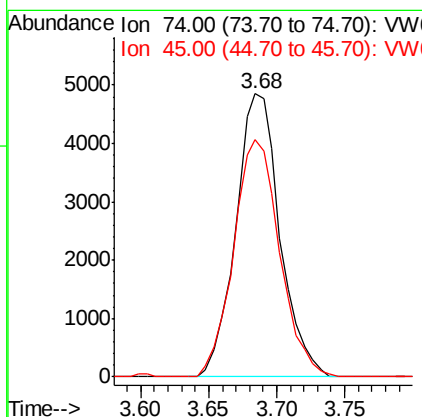
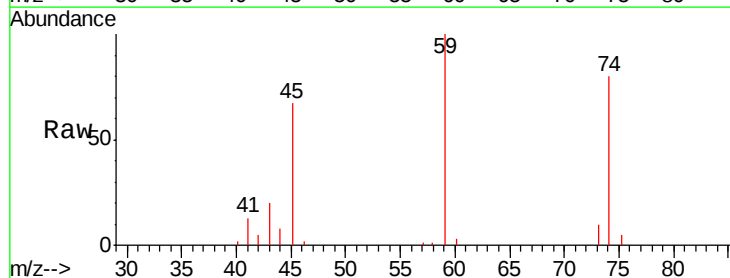
apatel
 12/5/2018 12:44:28 PM

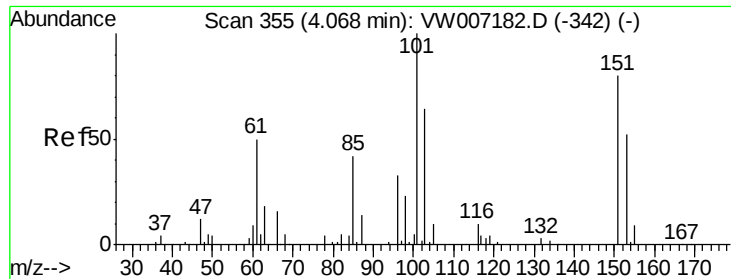


#8

Diethyl Ether
 Concen: 22.797 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.285 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

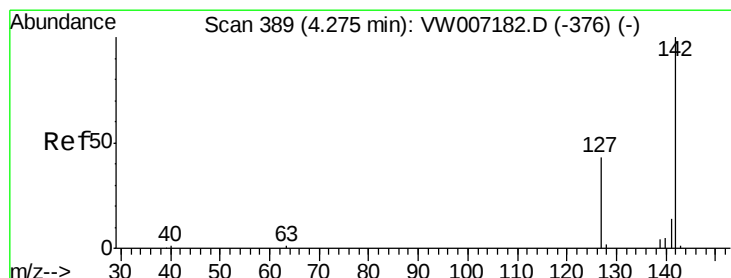
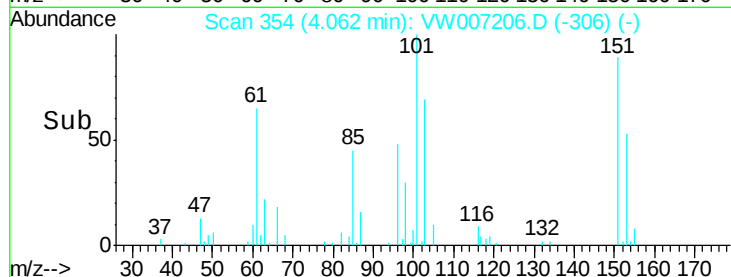
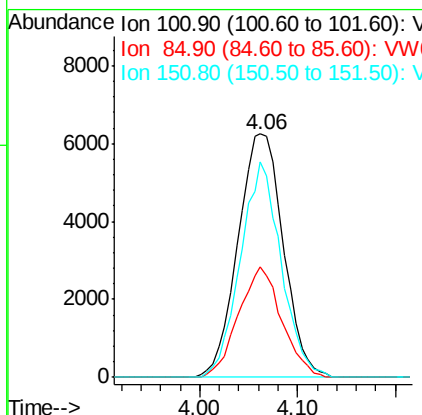
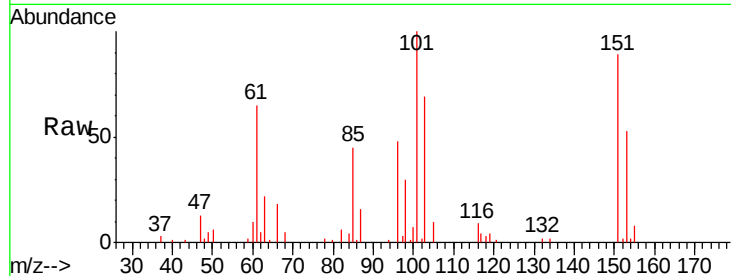
ClientSampleId :

VW1204SBSD02

Tgt Ion:	101	Resp:	20122
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.4	50.2
151	79.5	63.9	95.9

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#10

Methyl Iodide

Concen: 18.151 ug/l

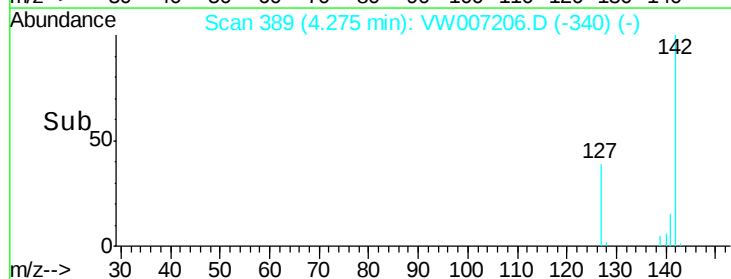
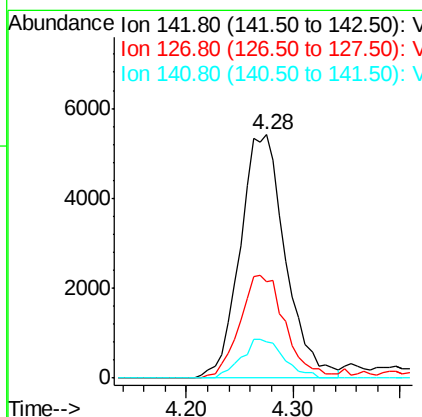
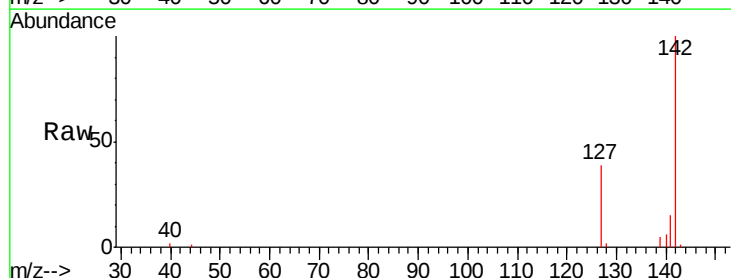
RT: 4.28 min Scan# 389

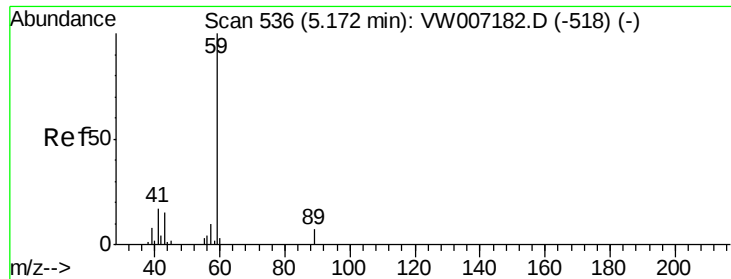
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	142	Resp:	16134
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.9	52.3
141	14.9	11.7	17.5





#11

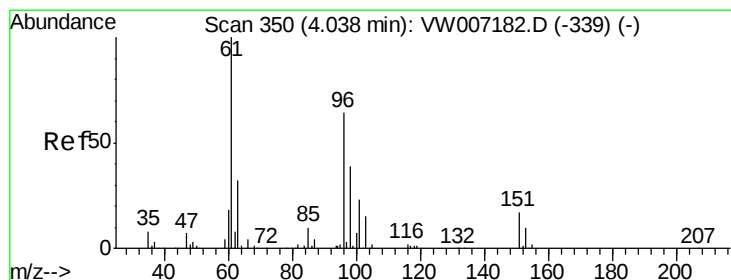
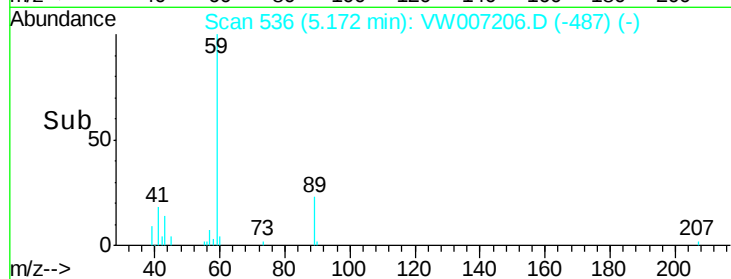
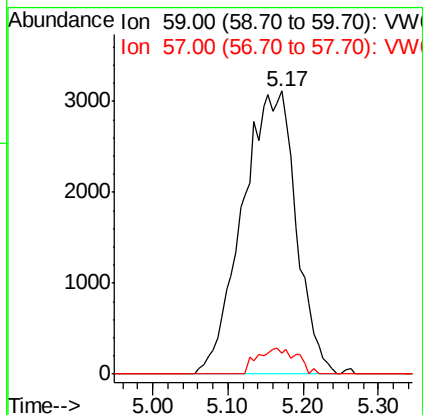
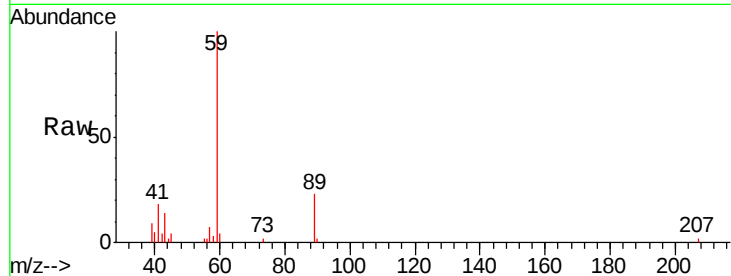
Tert butyl alcohol
Concen: 163.718 ug/l m
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.7	7.1	10.7#

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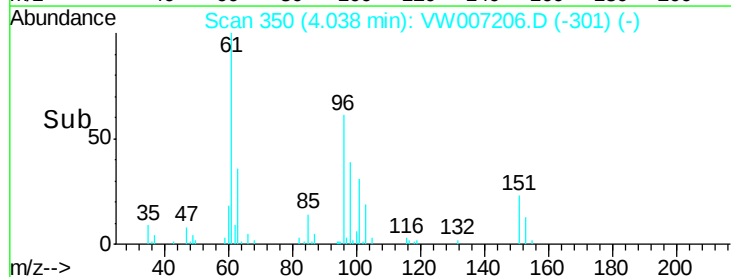
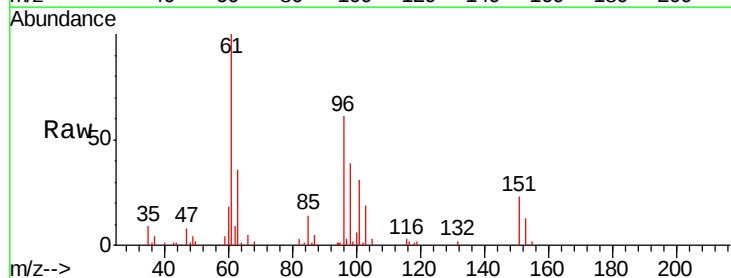
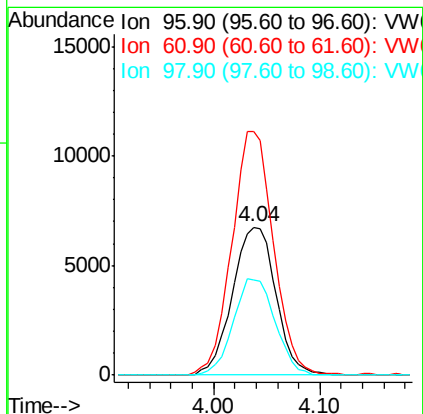
apatel
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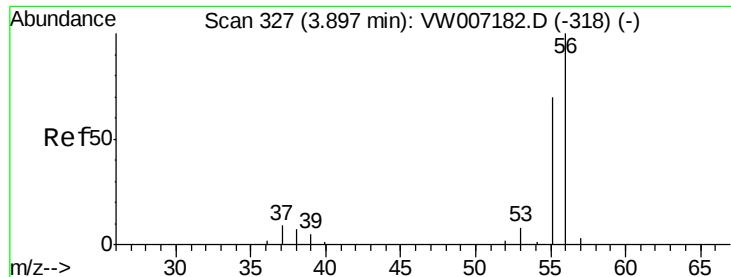


#12

1,1-Dichloroethene
Concen: 19.702 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	124.1	186.1
98	64.4	48.6	72.8





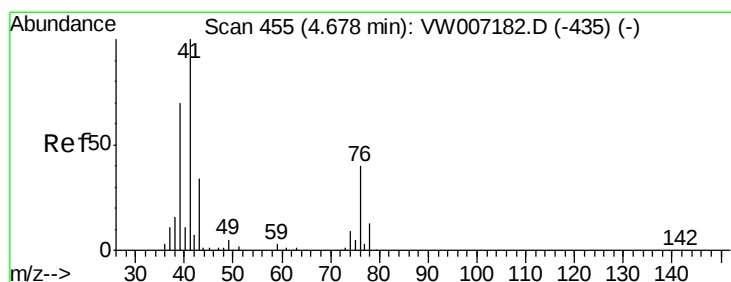
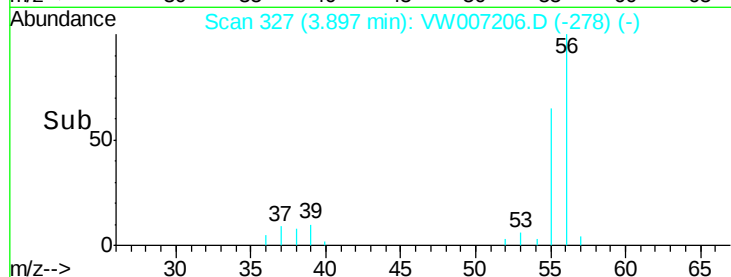
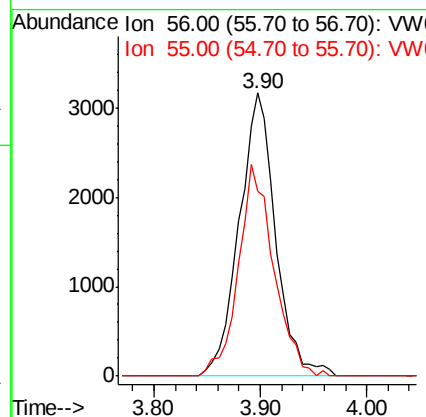
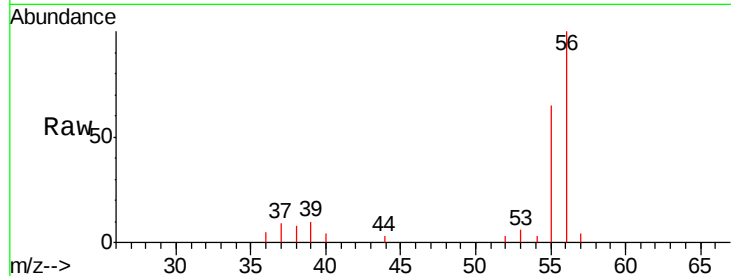
#13
Acrolein
Concen: 113.936 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion: 56 Resp: 7591
Ion Ratio Lower Upper
56 100
55 72.4 56.9 85.3

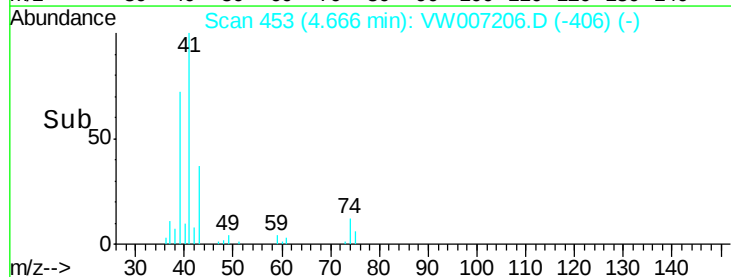
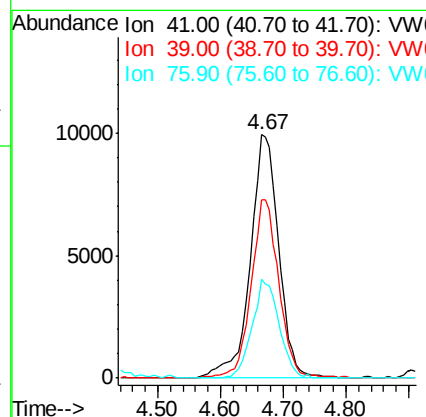
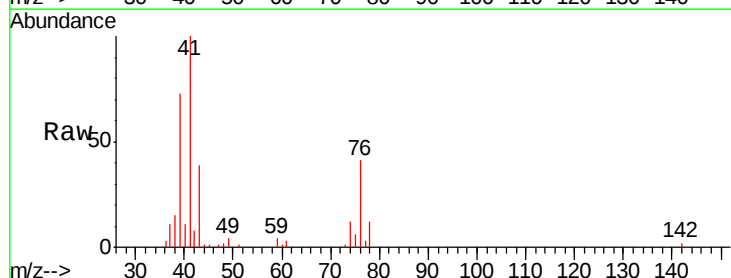
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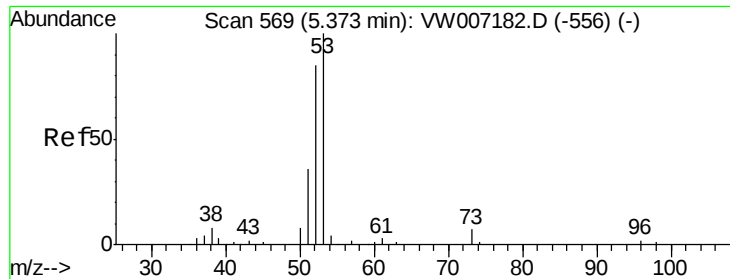
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#14
Allyl chloride
Concen: 19.947 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 41 Resp: 31265
Ion Ratio Lower Upper
41 100
39 71.2 55.9 83.9
76 38.1 30.8 46.2





#15

Acrylonitrile

Concen: 121.182 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

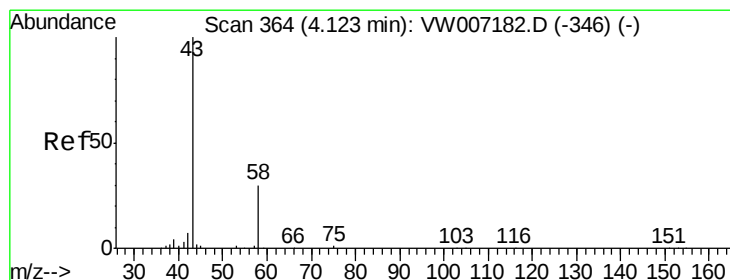
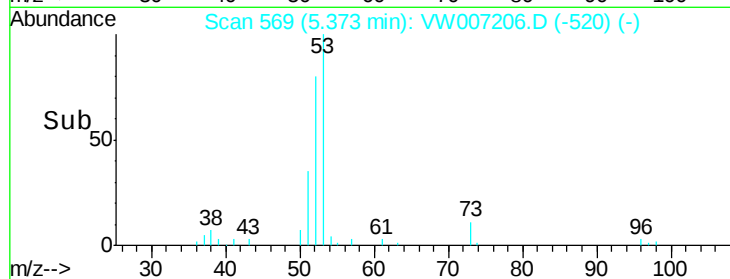
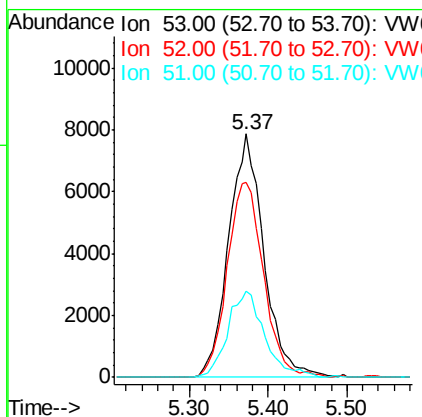
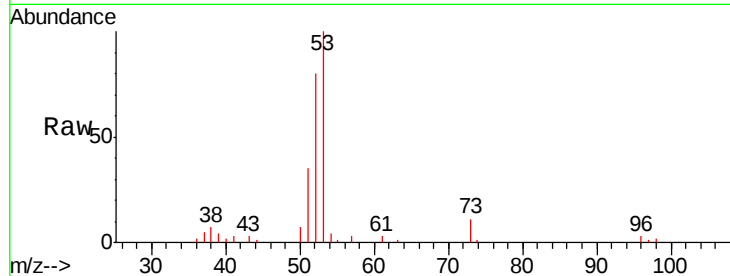
ClientSampleId :

VW1204SBSD02

Tgt Ion:	53	Resp:	24391
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.1	99.1
51	36.8	30.3	45.5

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#16

Acetone

Concen: 92.715 ug/l

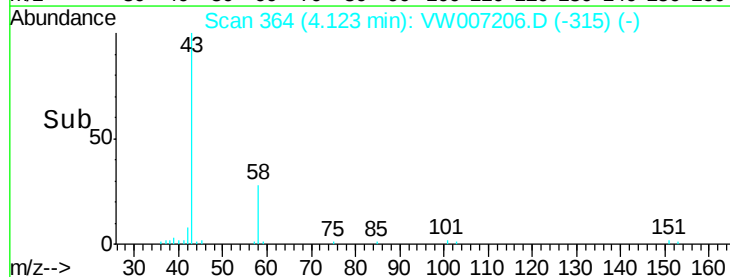
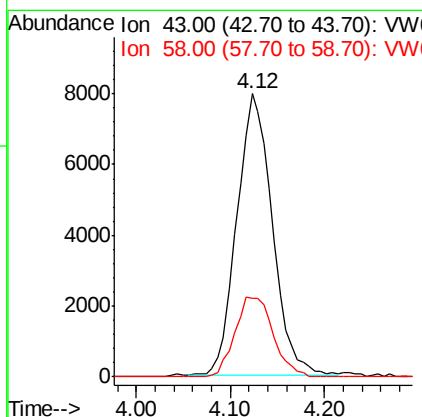
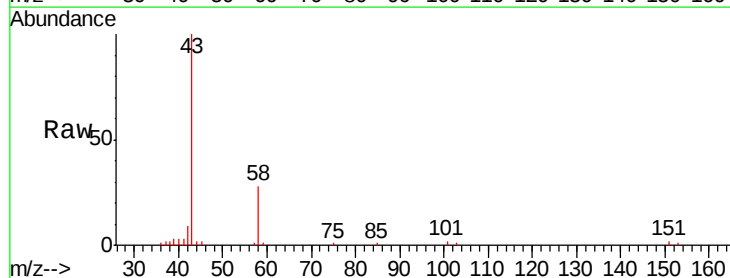
RT: 4.12 min Scan# 364

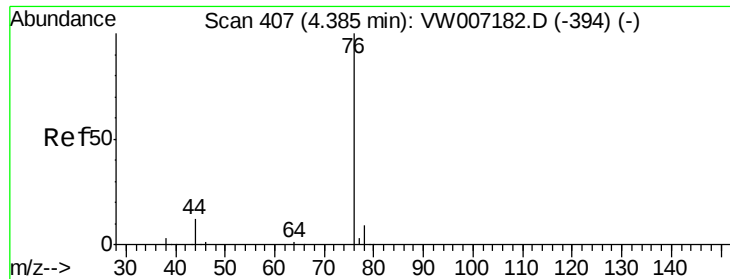
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	43	Resp:	20870
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.8





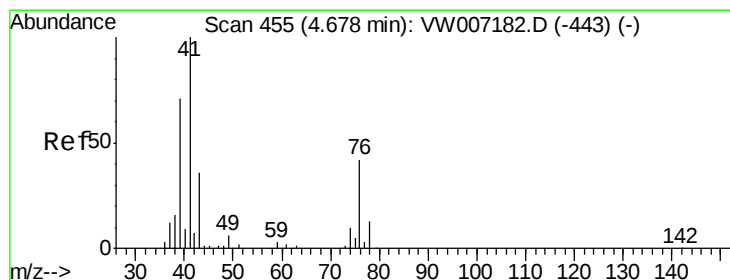
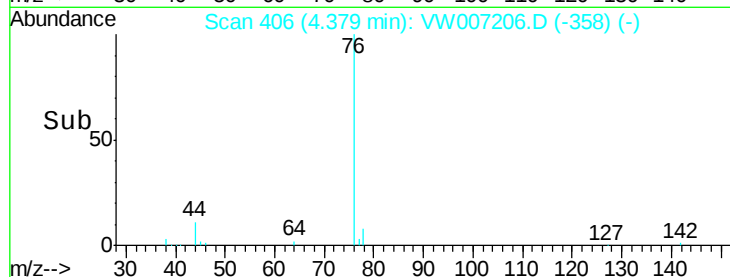
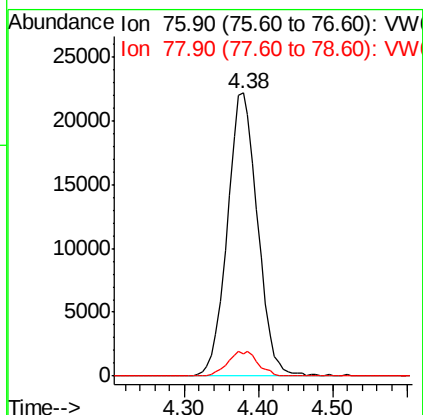
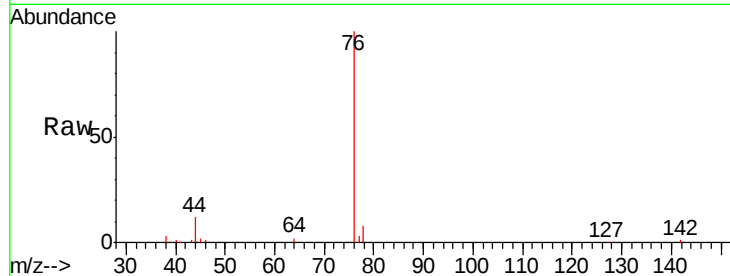
#17
Carbon Disulfide
Concen: 19.523 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion: 76 Resp: 62926
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

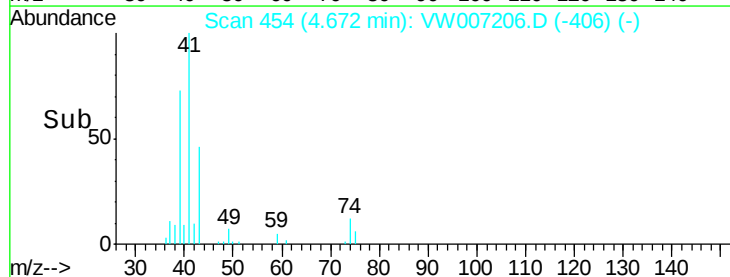
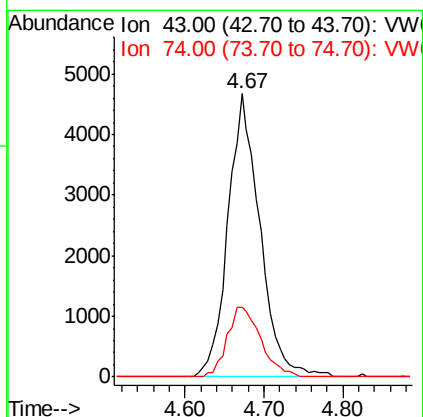
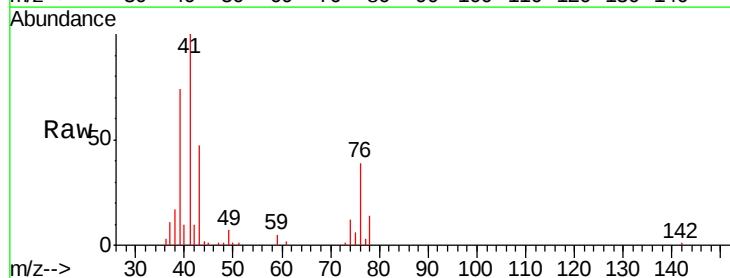
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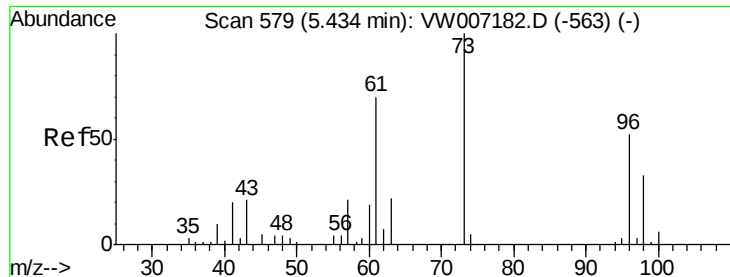
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#18
Methyl Acetate
Concen: 25.630 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 43 Resp: 13169
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1





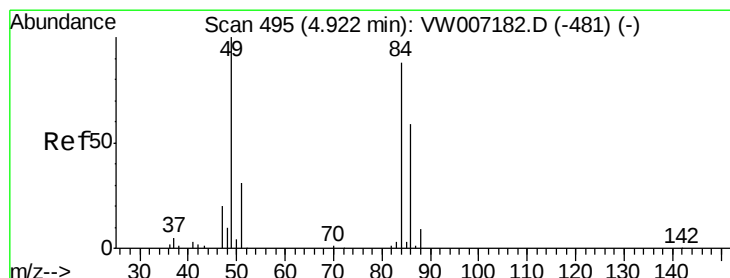
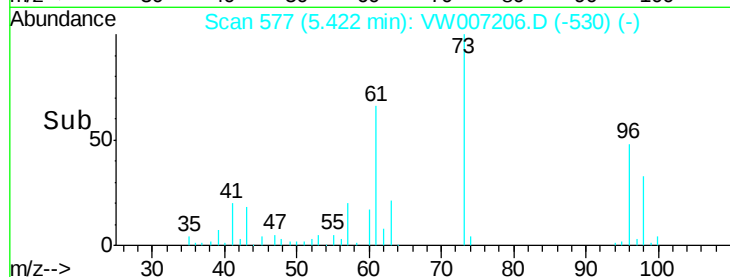
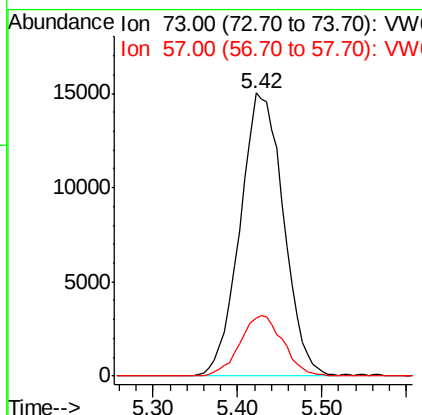
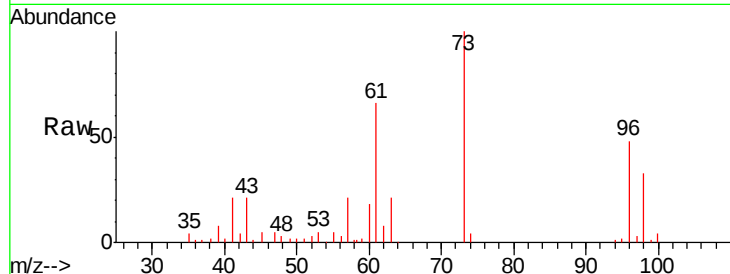
#19
Methyl tert-butyl Ether
Concen: 22.902 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion: 73 Resp: 52727
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

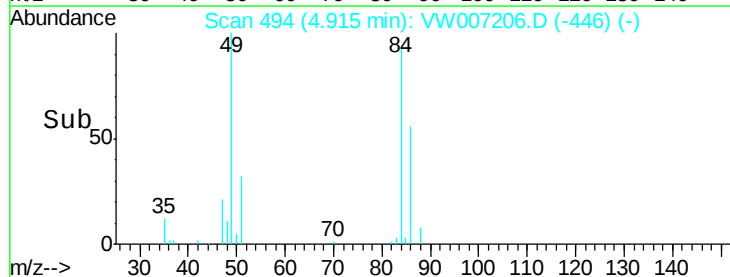
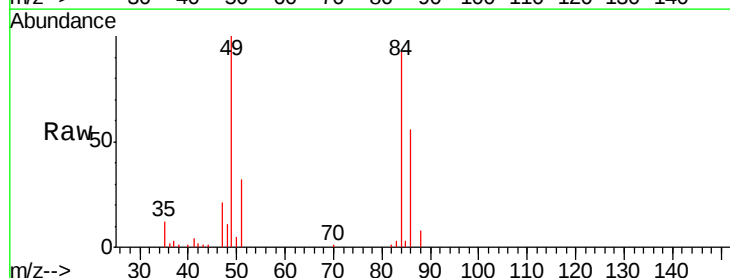
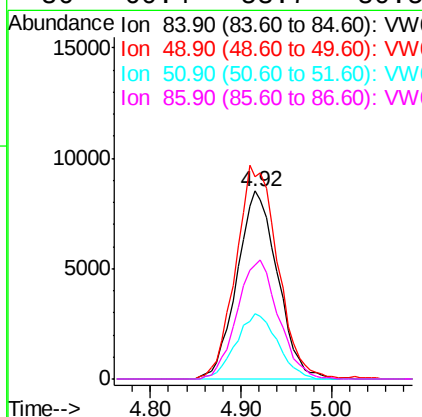
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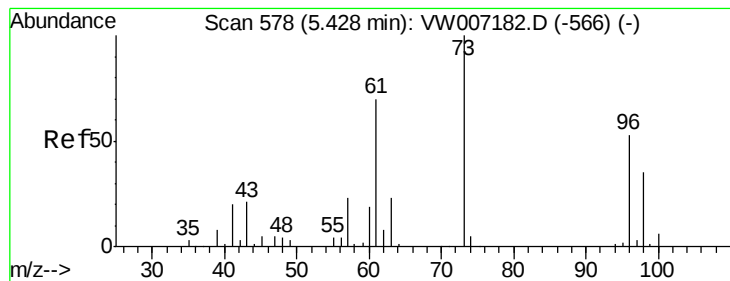
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#20
Methylene Chloride
Concen: 20.199 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 84 Resp: 26421
Ion Ratio Lower Upper
84 100
49 107.3 90.6 135.8
51 34.6 27.6 41.4
86 60.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

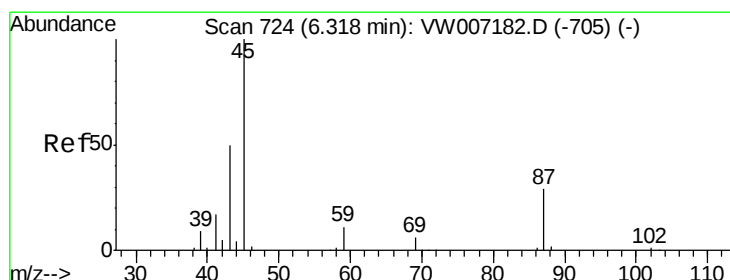
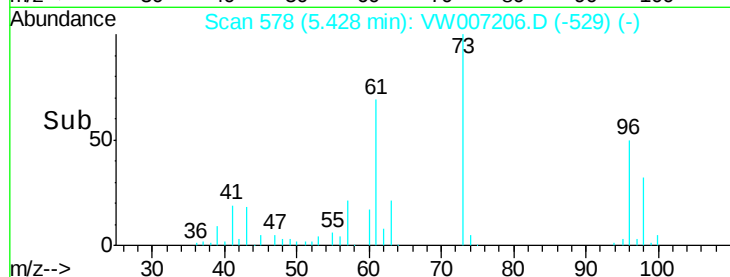
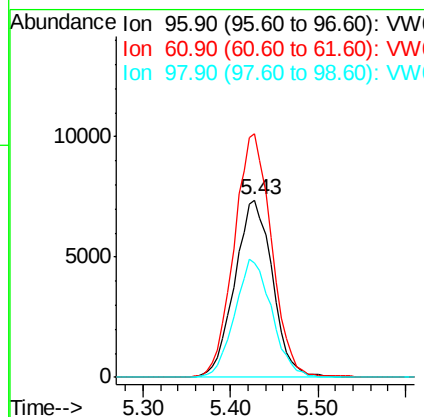
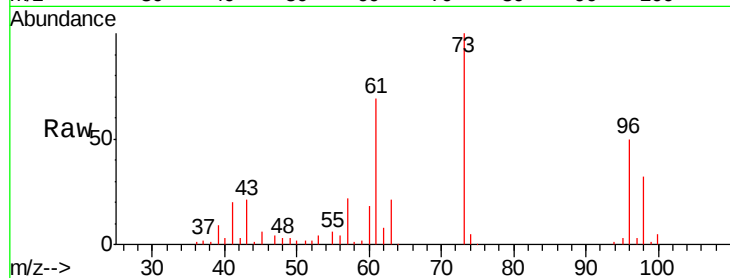
ClientSampleId :

VW1204SBSD02

Tgt Ion:	96	Resp:	22142
Ion	Ratio	Lower	Upper
96	100		
61	137.4	105.5	158.3
98	64.3	52.6	79.0

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#22

Diisopropyl ether

Concen: 21.508 ug/l

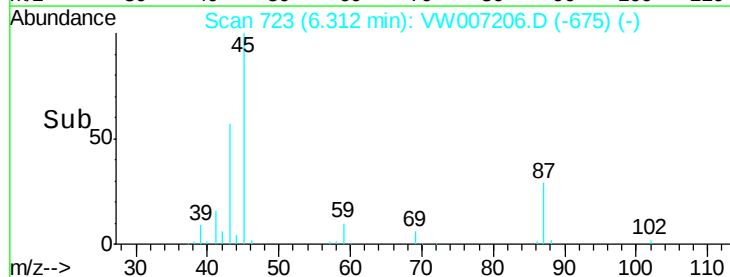
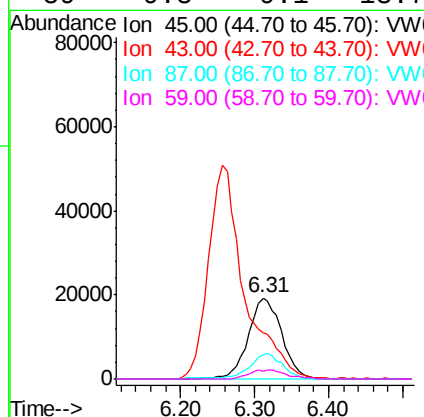
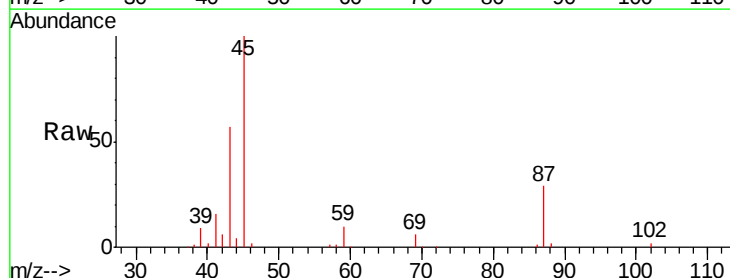
RT: 6.31 min Scan# 723

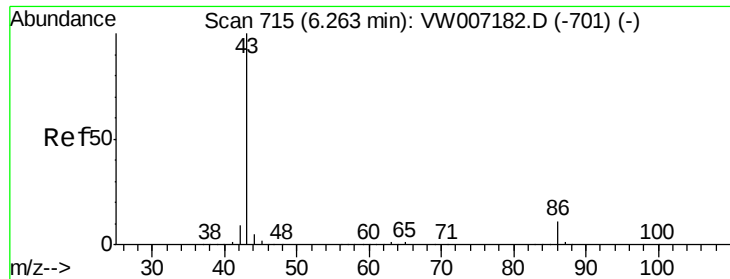
Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	45	Resp:	60517
Ion	Ratio	Lower	Upper
45	100		
43	56.4	40.8	61.2
87	29.3	24.0	36.0
59	9.8	9.1	13.7





#23

Vinyl Acetate

Concen: 110.612 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 43 Resp: 169821

Ion Ratio Lower Upper

43 100

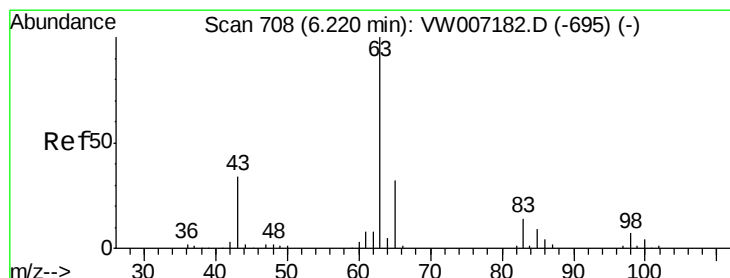
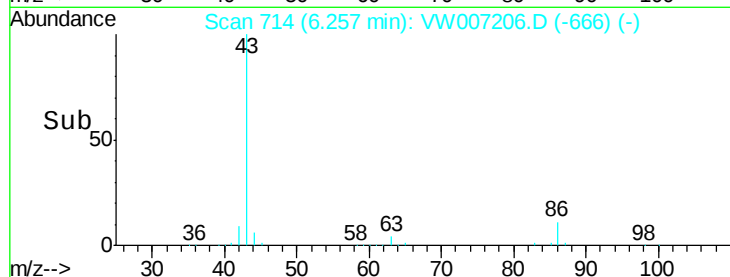
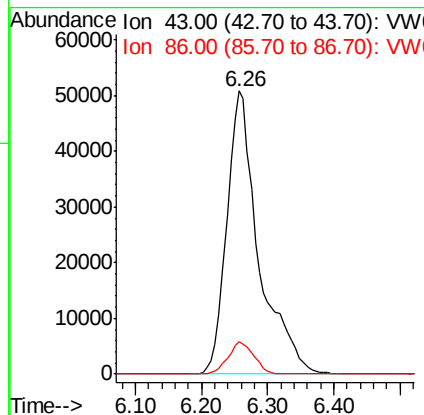
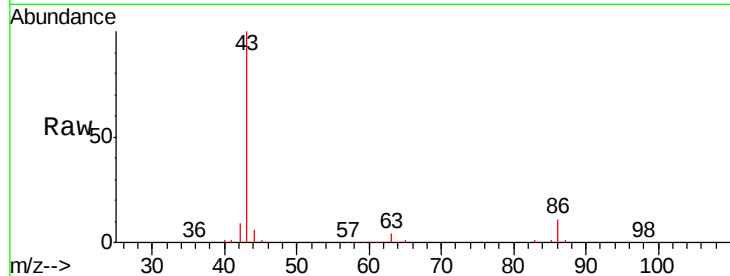
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.586 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

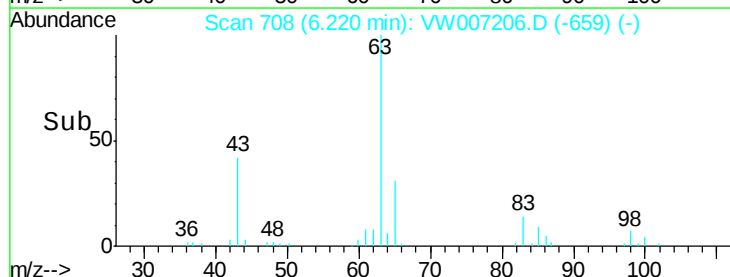
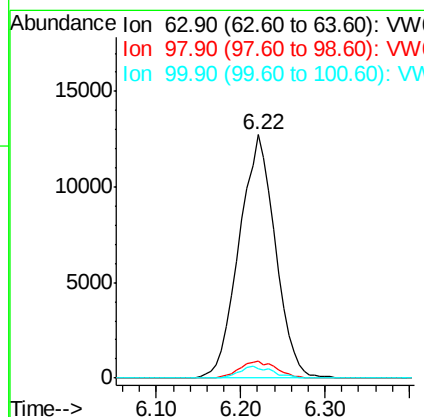
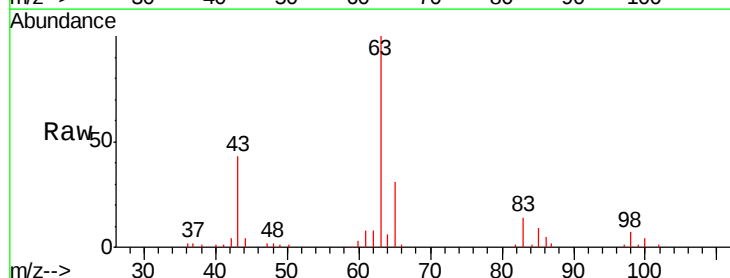
Tgt Ion: 63 Resp: 37125

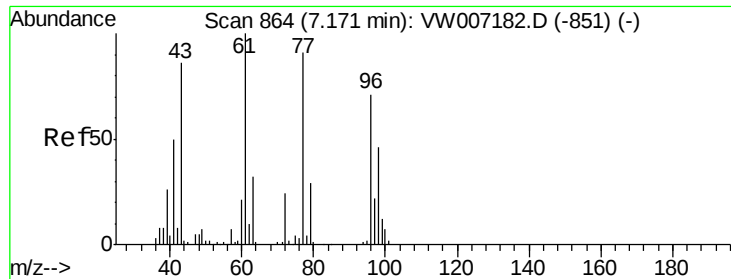
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 107.073 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 43 Resp: 27939

Ion Ratio Lower Upper

43 100

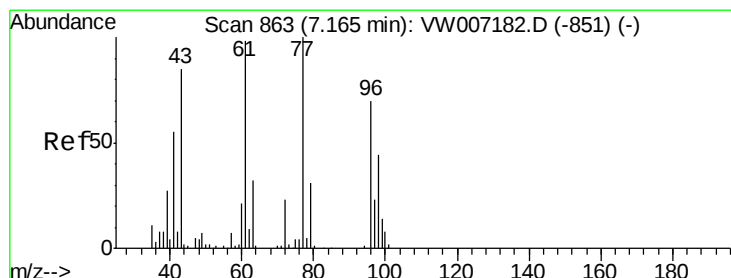
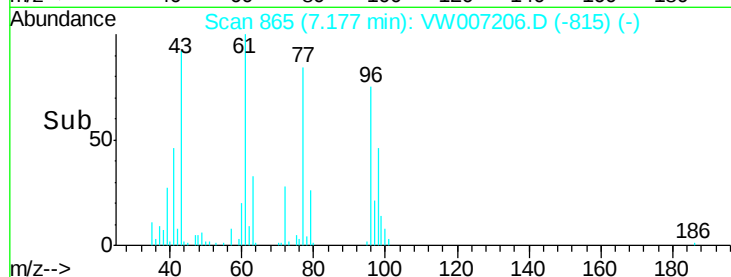
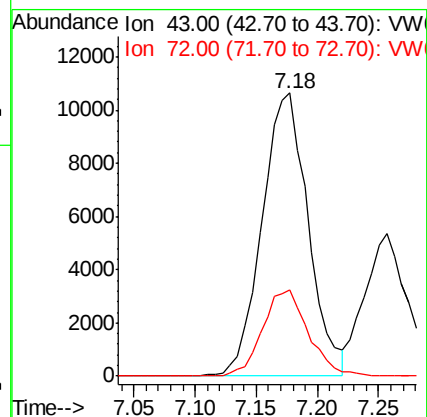
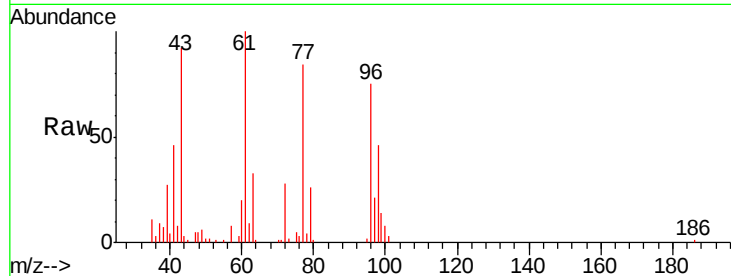
72 30.4 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 17.983 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007206.D

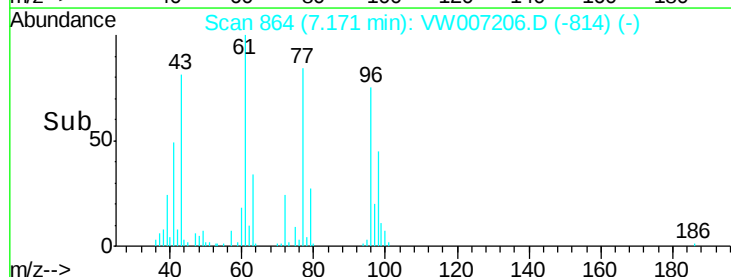
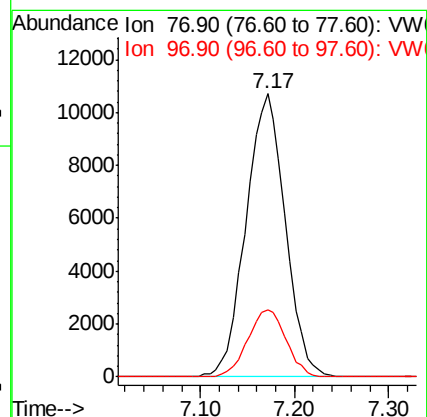
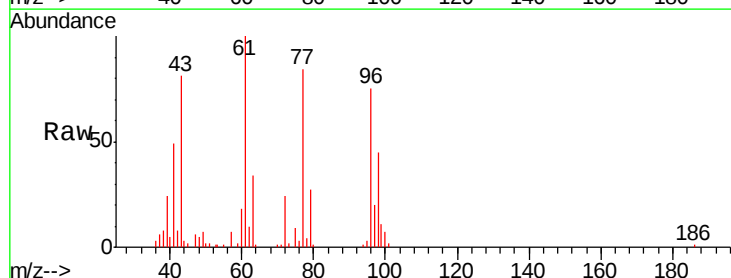
Acq: 05 Dec 2018 01:26

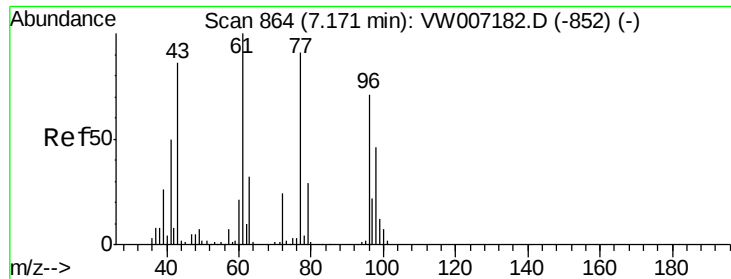
Tgt Ion: 77 Resp: 31165

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

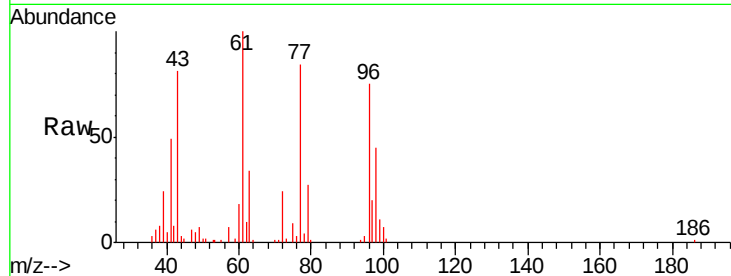
cis-1,2-Dichloroethene
Concen: 20.980 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

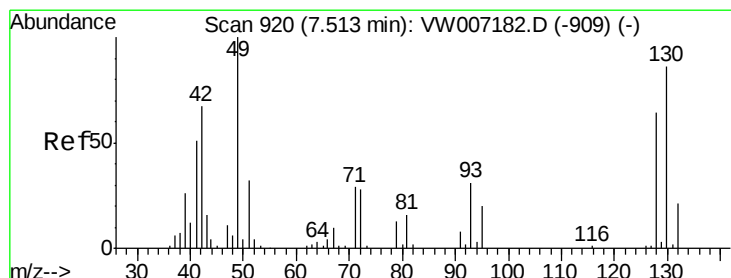
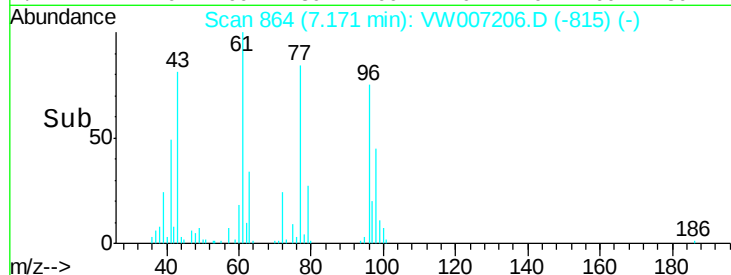
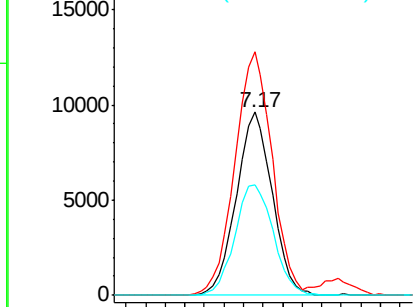
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	24556		
61	139.1	0.0	282.4	
98	64.3	0.0	129.8	

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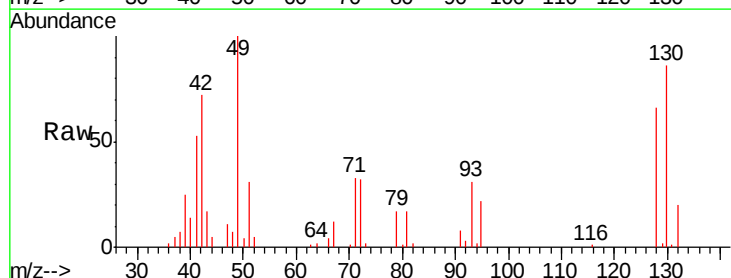
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



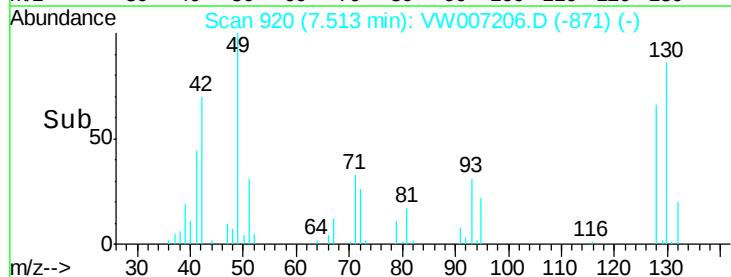
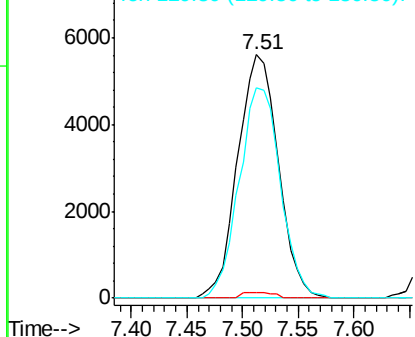
#28

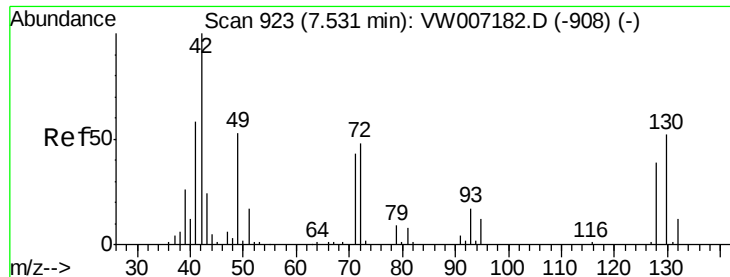
Bromochloromethane
Concen: 21.929 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	14260		
129	1.8	0.0	3.8	
130	88.0	70.3	105.5	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





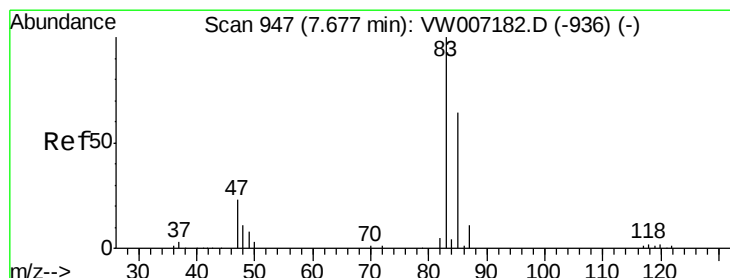
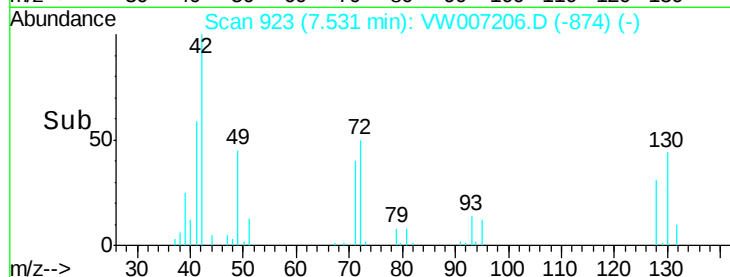
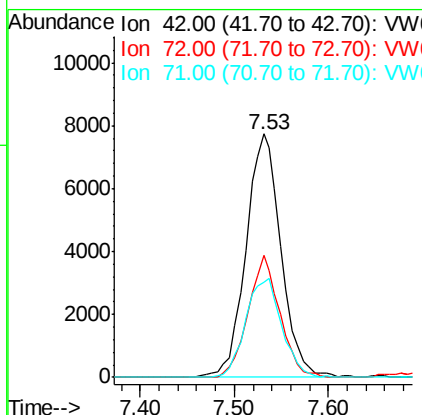
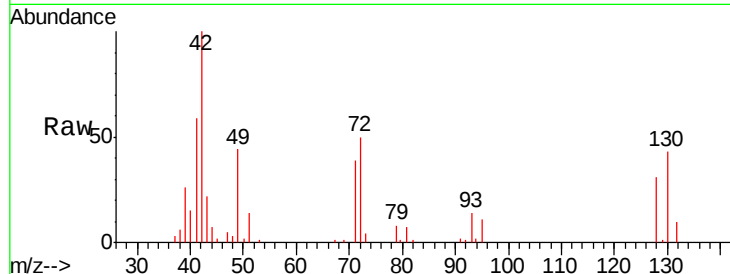
#29
Tetrahydrofuran
Concen: 124.828 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.6	55.0
71	42.1	34.8	52.2

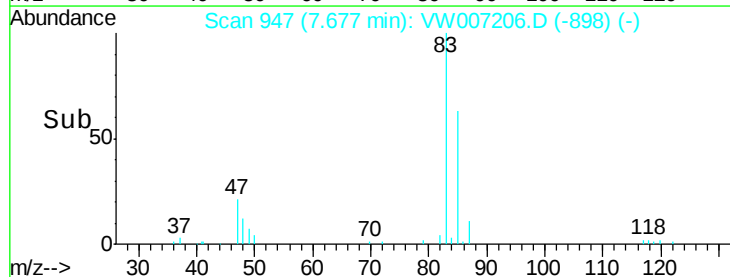
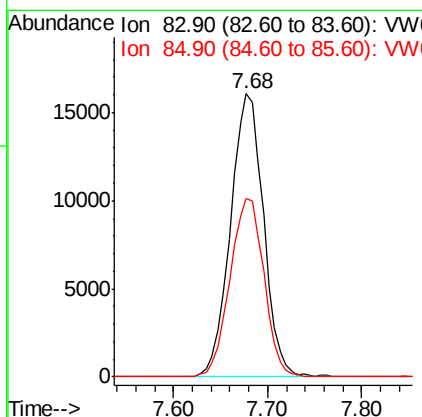
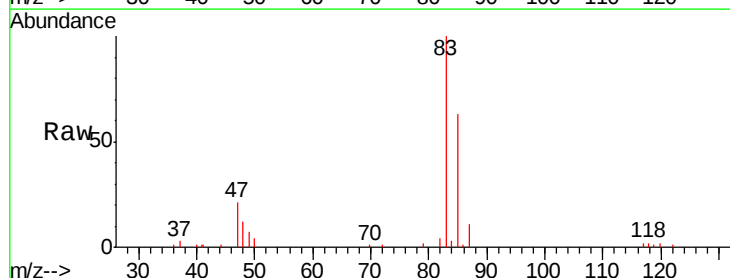
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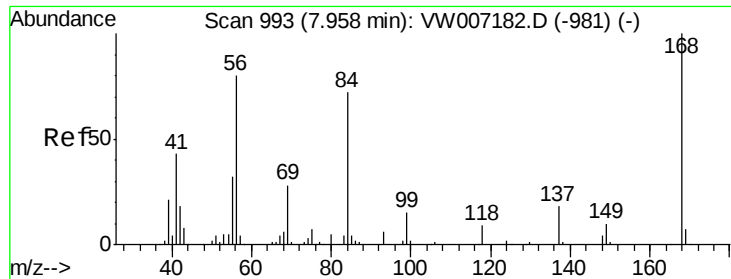
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#30
Chloroform
Concen: 20.901 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3





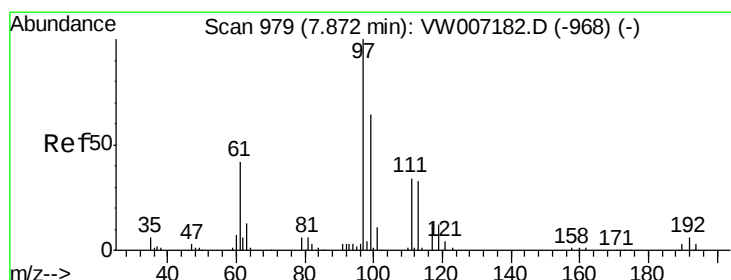
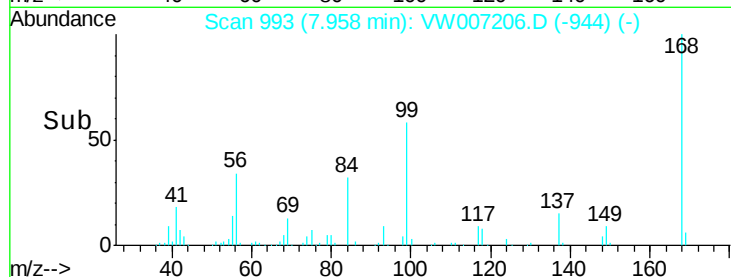
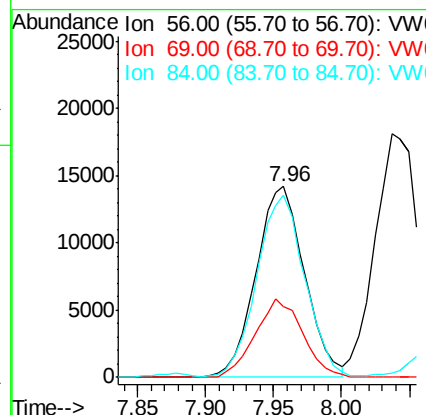
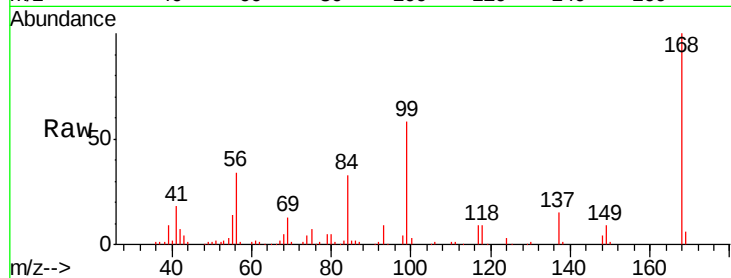
#31
Cyclohexane
Concen: 18.777 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.9	28.2	42.2
84	94.6	72.1	108.1

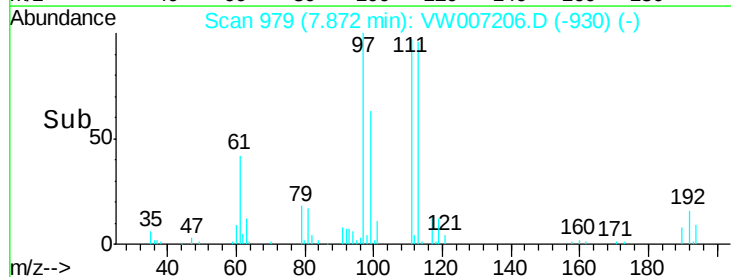
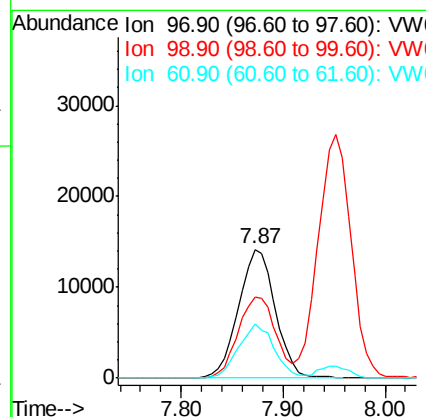
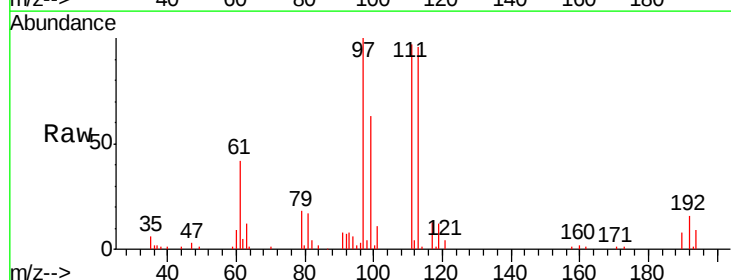
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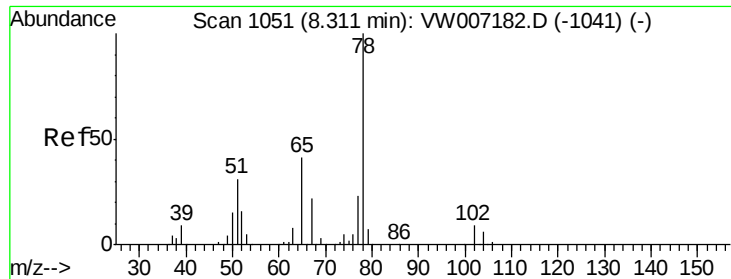
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#32
1,1,1-Trichloroethane
Concen: 20.061 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.3	76.9
61	41.3	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 53.978 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 65 Resp: 51325

Ion Ratio Lower Upper

65 100

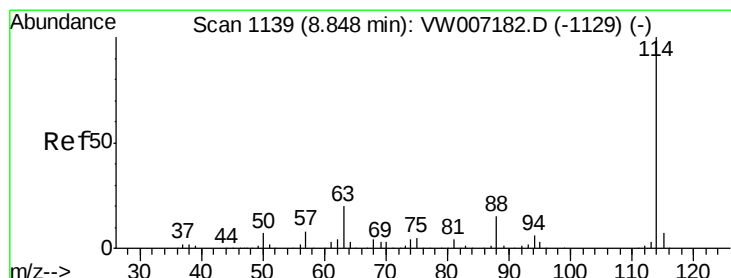
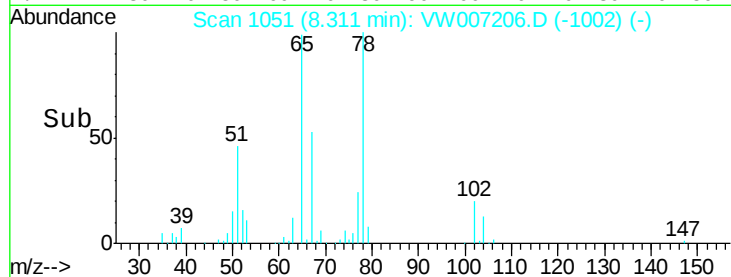
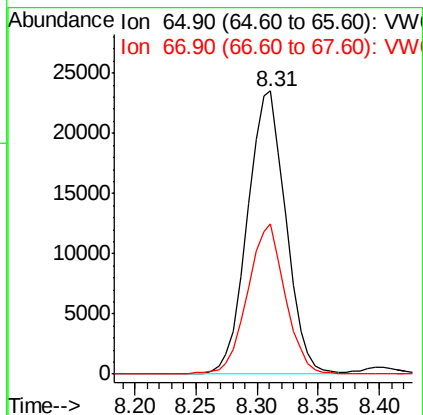
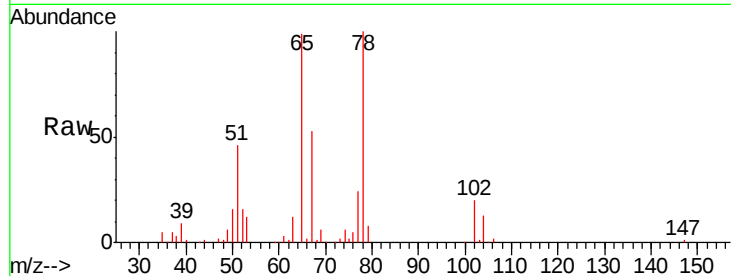
67 52.2 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

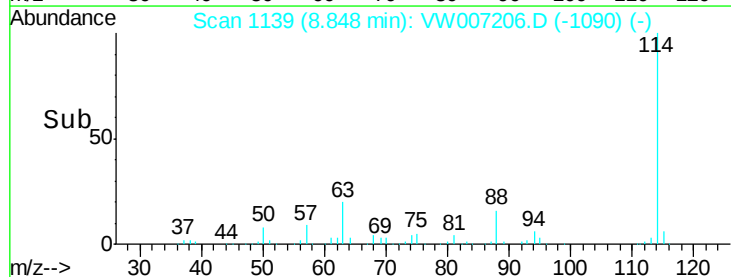
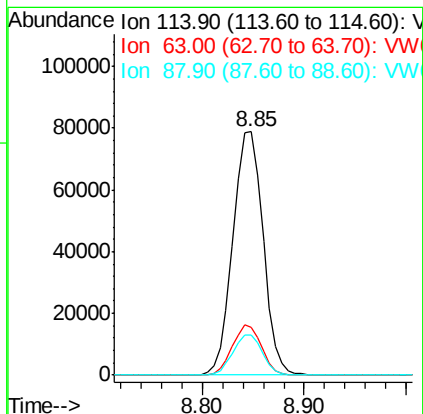
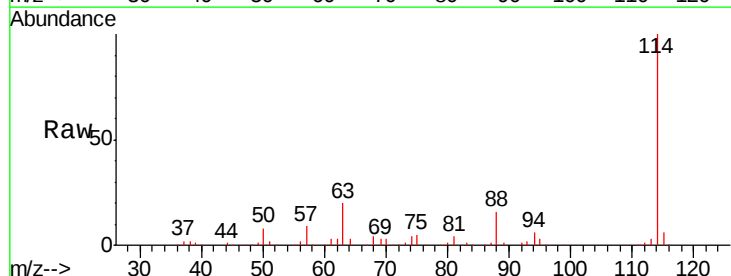
Tgt Ion: 114 Resp: 162139

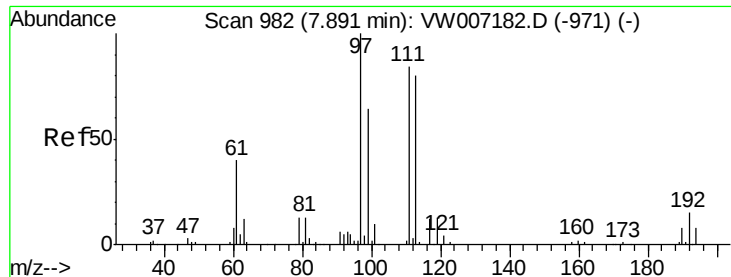
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.394 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

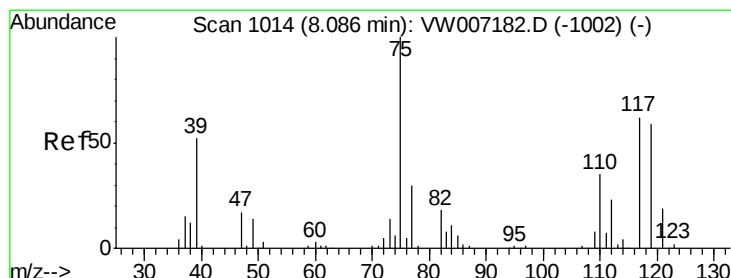
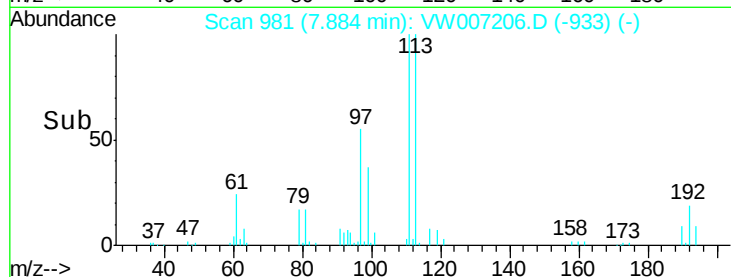
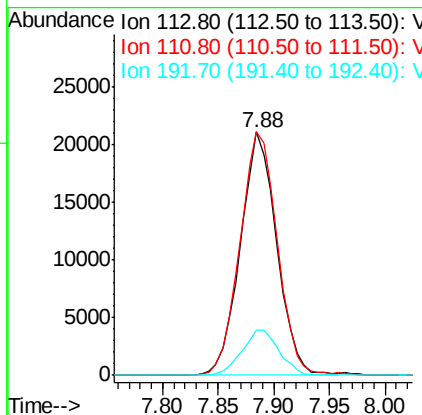
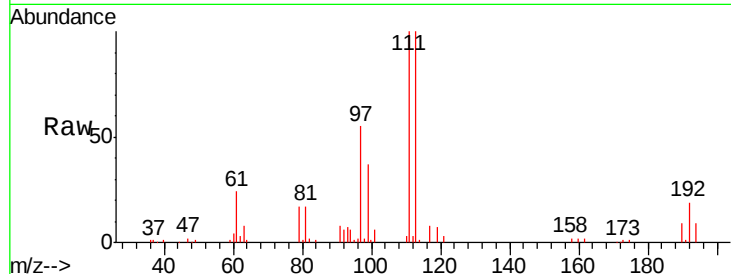
ClientSampleId :

VW1204SBSD02

Tgt Ion:	113	Resp:	47714
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	19.1	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 19.422 ug/l

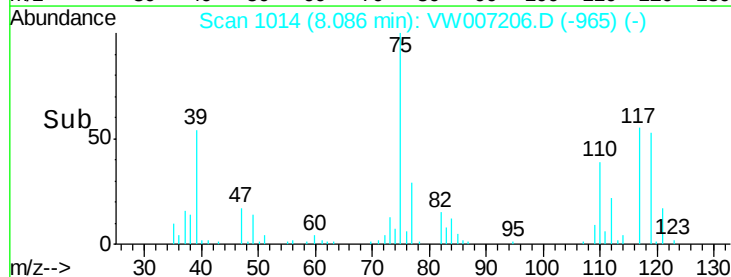
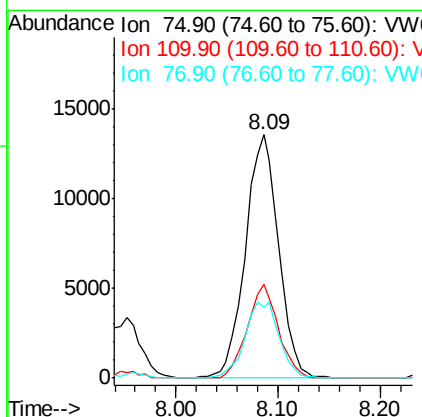
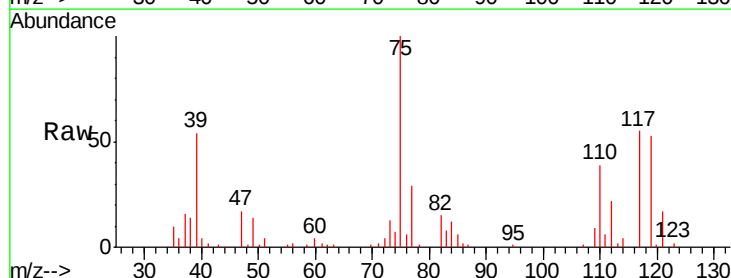
RT: 8.09 min Scan# 1014

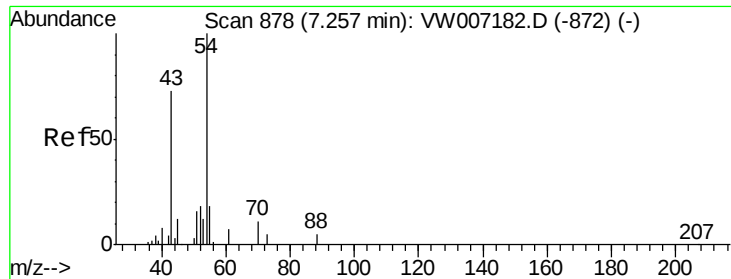
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	75	Resp:	30641
Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	32.5	24.9	37.3





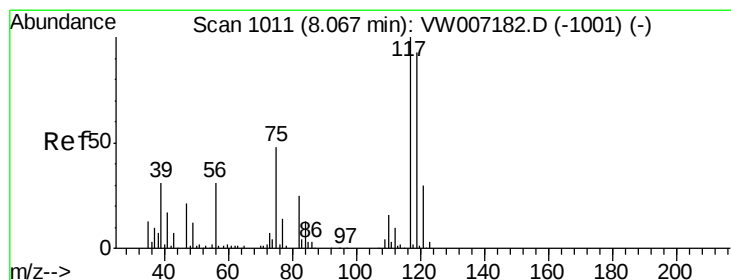
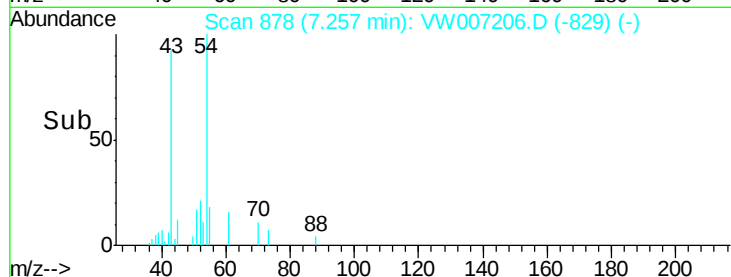
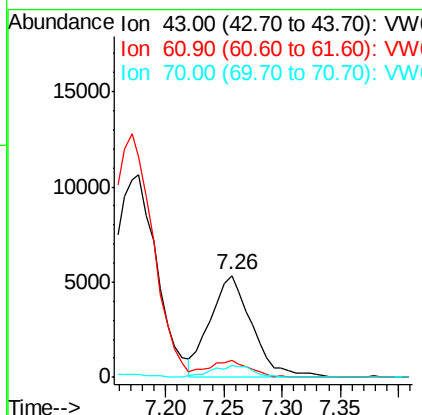
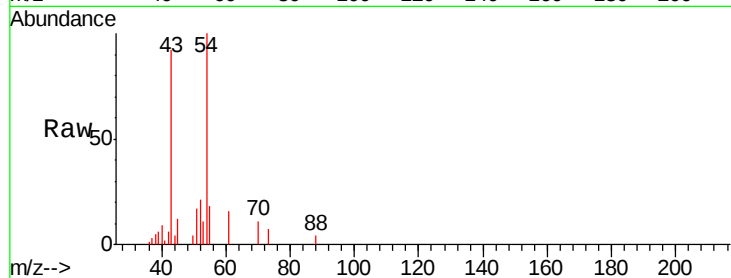
#37
Ethyl Acetate
Concen: 23.414 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.1	18.1
70	11.3	9.1	13.7

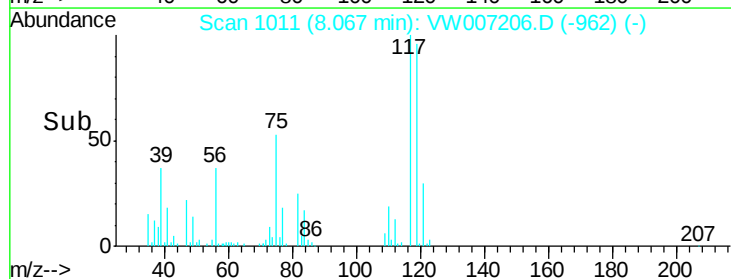
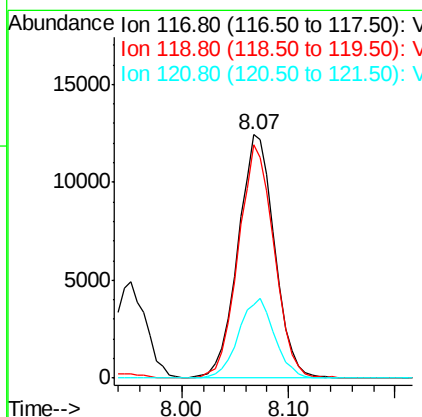
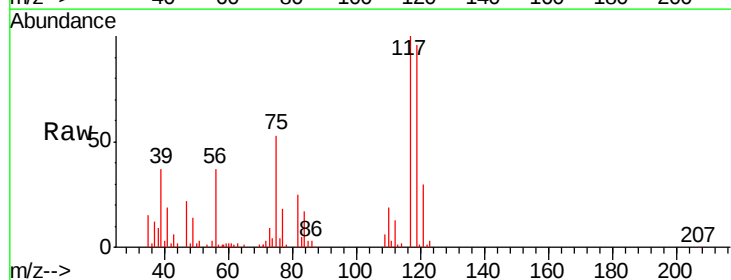
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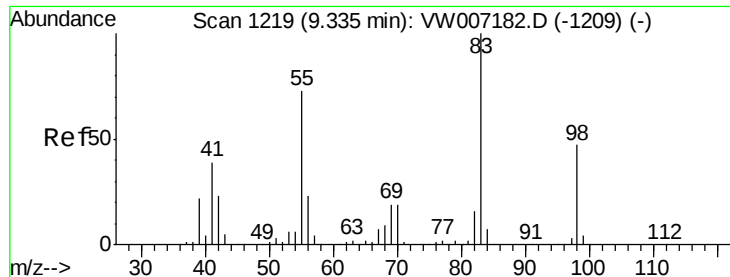
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#38
Carbon Tetrachloride
Concen: 18.588 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.1	111.1
121	30.0	23.9	35.9





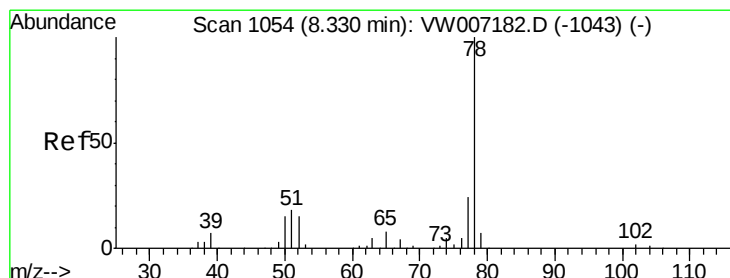
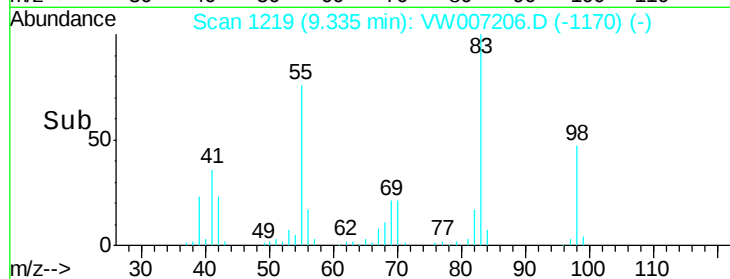
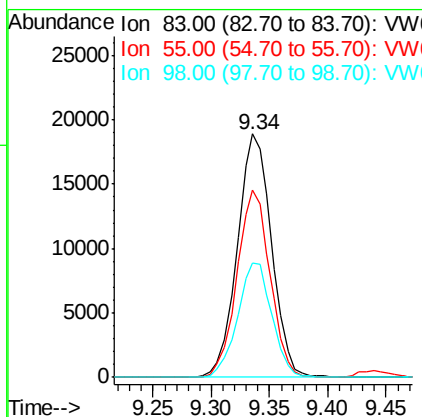
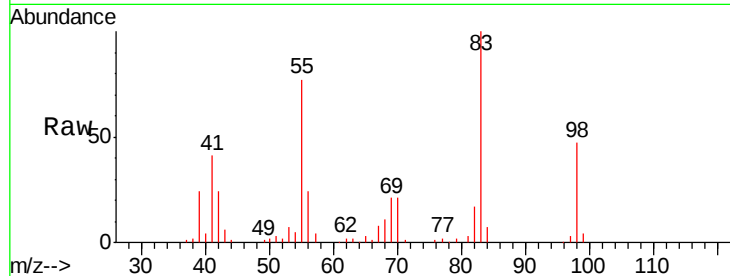
#39
Methylcyclohexane
Concen: 18.322 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	58.1	87.1
98	47.0	37.3	55.9

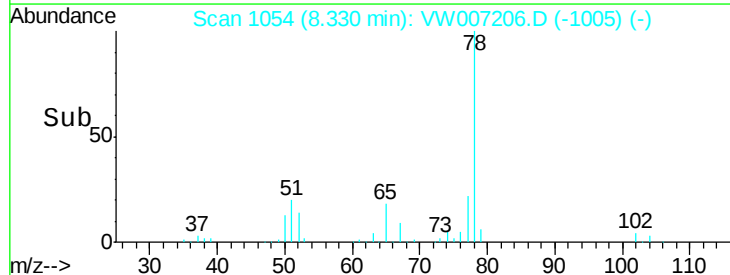
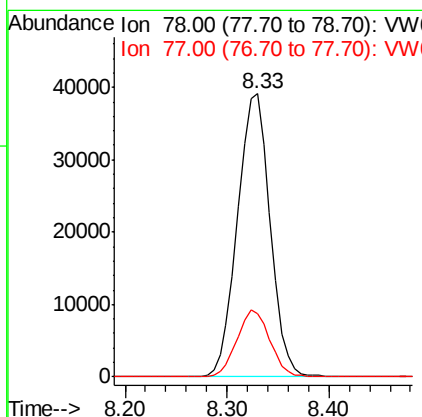
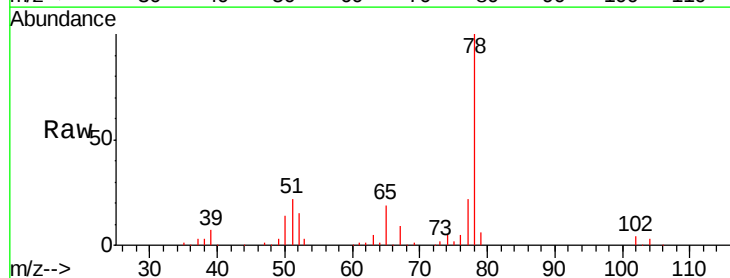
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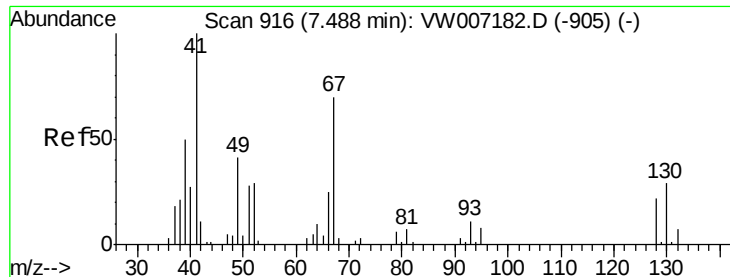
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#40
Benzene
Concen: 20.152 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.9	28.3





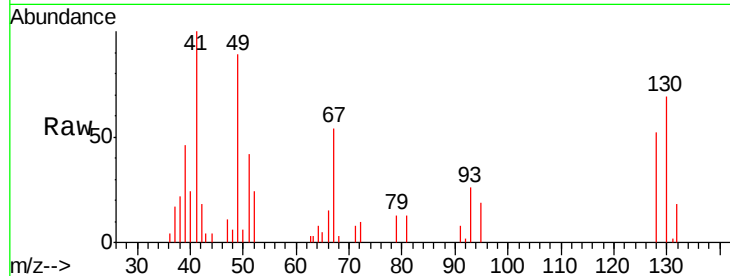
#41
Methacrylonitrile
Concen: 25.034 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

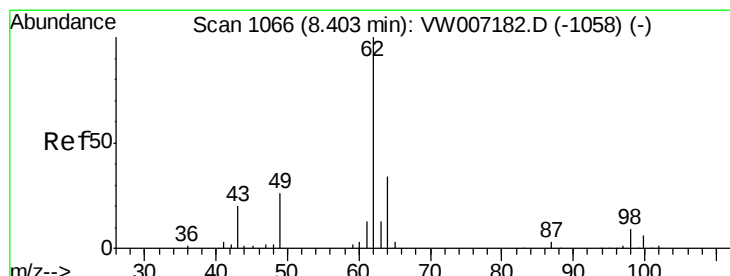
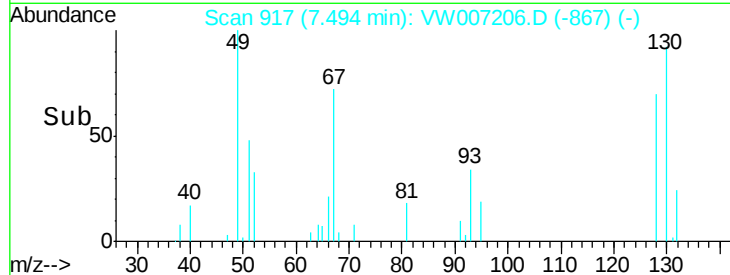
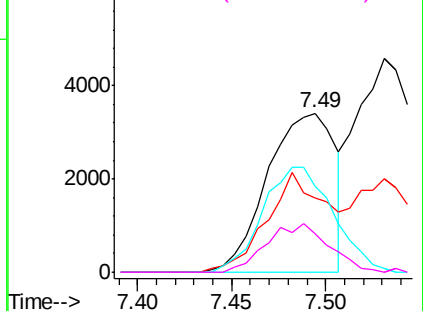
Tgt Ion:	41	Resp:	8557
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.4	65.0
67	68.2	57.4	86.0
52	28.3	23.3	34.9

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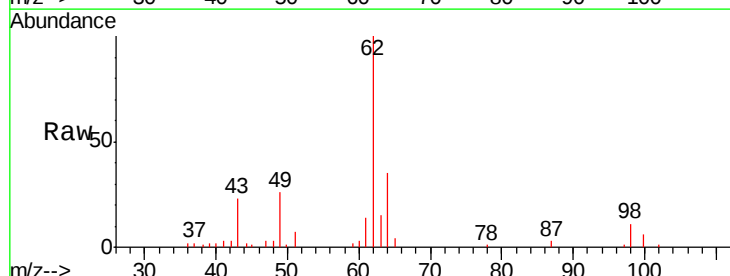


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

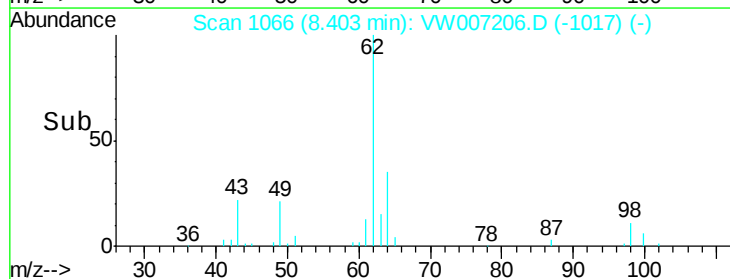
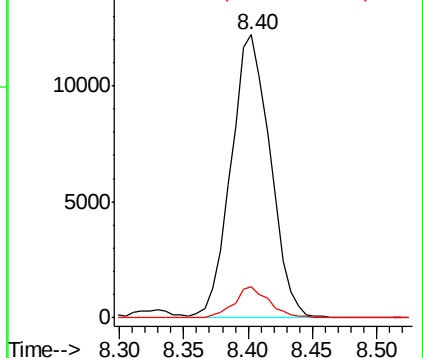


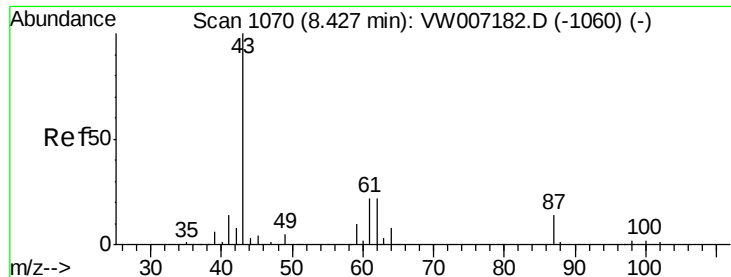
#42
1,2-Dichloroethane
Concen: 21.366 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:	62	Resp:	25832
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 23.098 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

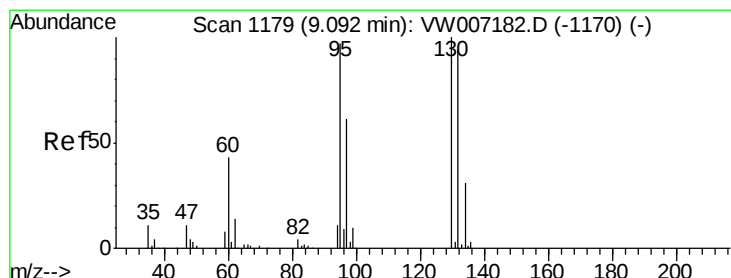
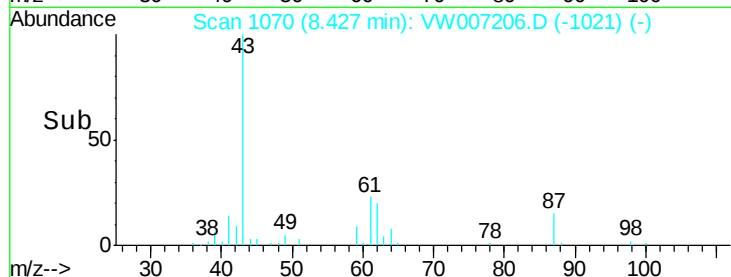
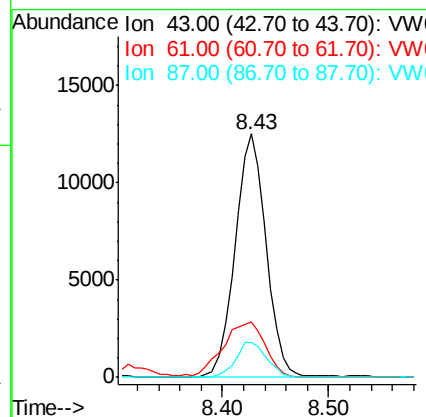
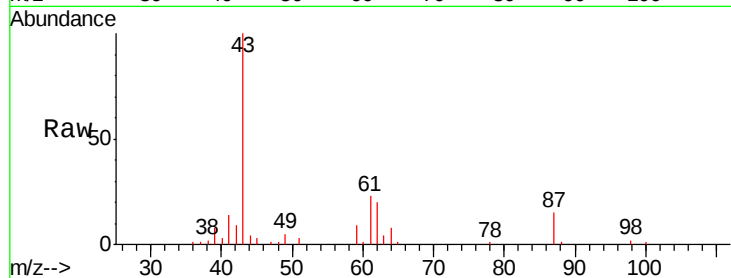
ClientSampleId :

VW1204SBSD02

Tgt Ion:	43	Resp:	25601
Ion	Ratio	Lower	Upper
43	100		
61	30.8	25.4	38.0
87	14.4	11.4	17.0

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#44

Trichloroethene

Concen: 19.922 ug/l

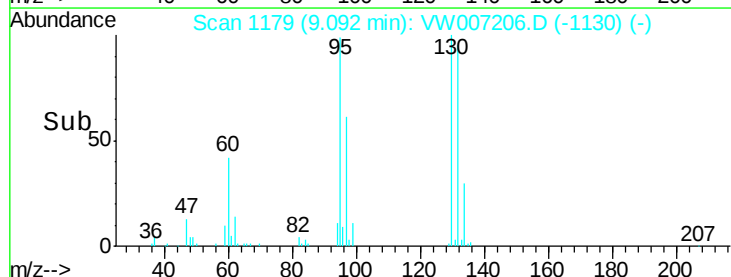
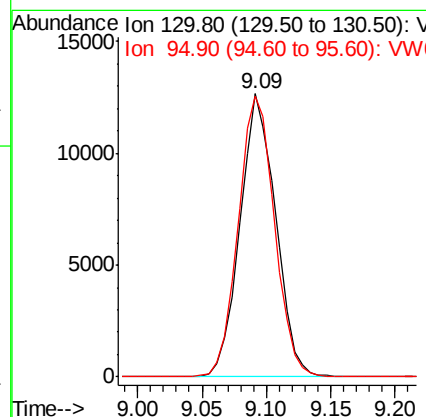
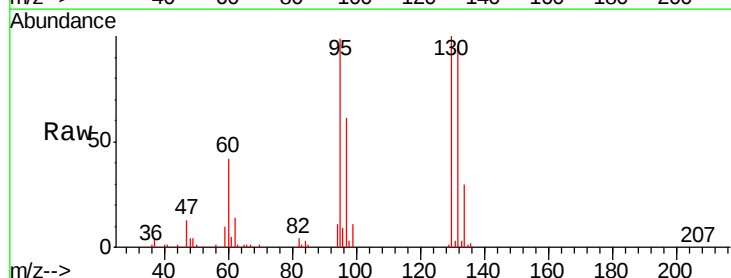
RT: 9.09 min Scan# 1179

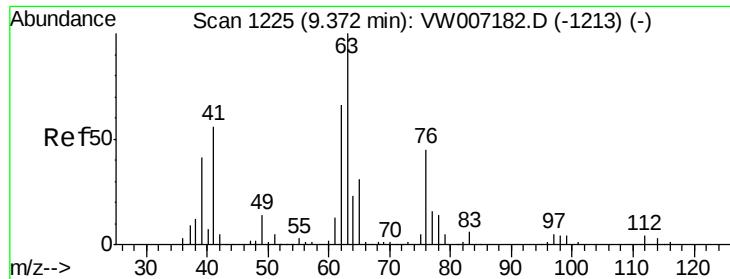
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	130	Resp:	24226
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	194.0





#45

1,2-Dichloropropane

Concen: 21.126 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 63 Resp: 21268

Ion Ratio Lower Upper

63 100

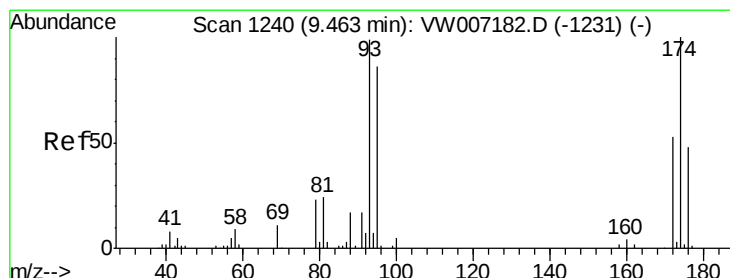
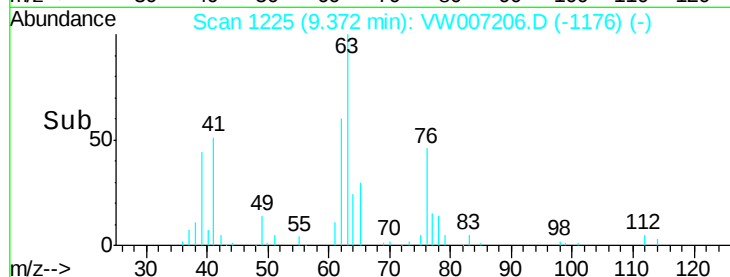
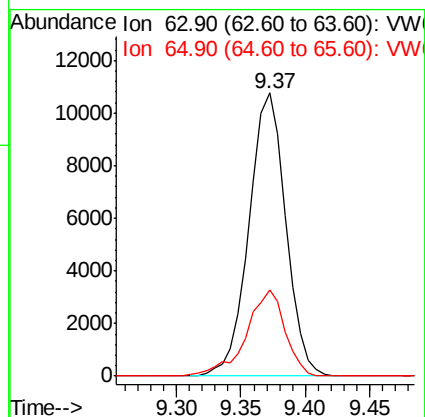
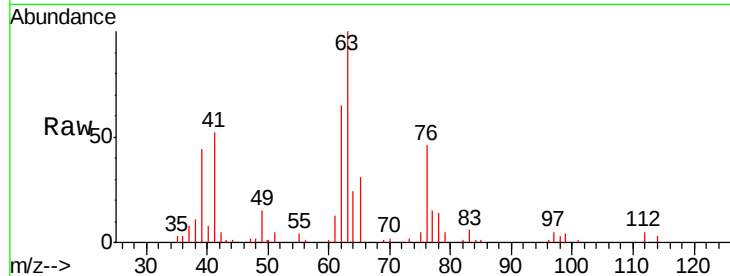
65 30.6 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 21.875 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

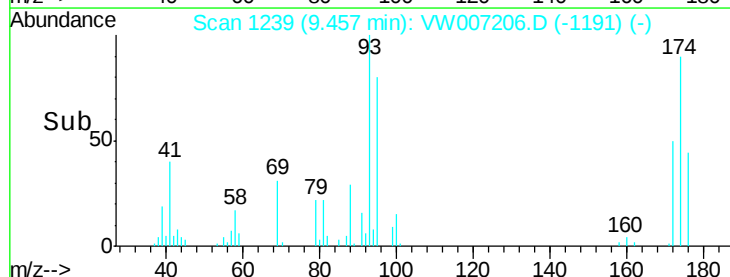
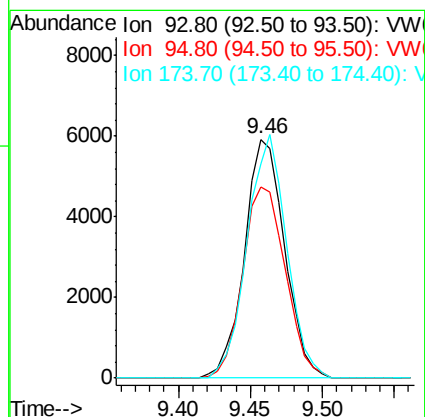
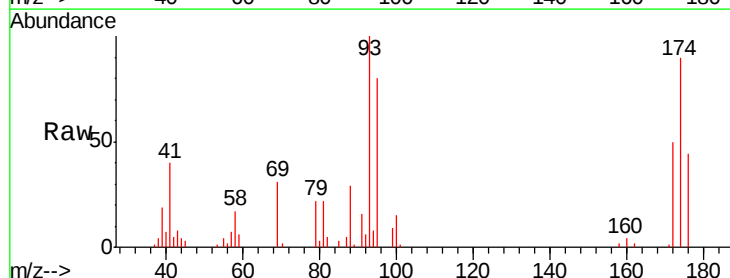
Tgt Ion: 93 Resp: 11443

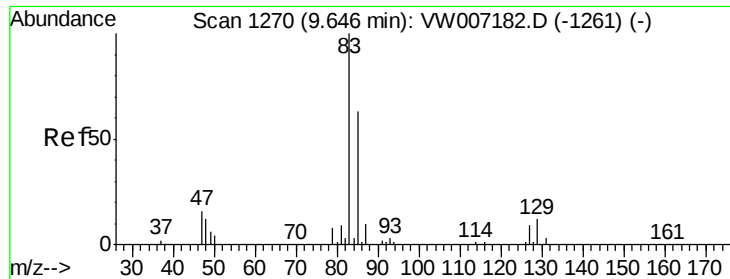
Ion Ratio Lower Upper

93 100

95 85.1 68.7 103.1

174 100.0 82.9 124.3





#47

Bromodichloromethane

Concen: 20.463 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

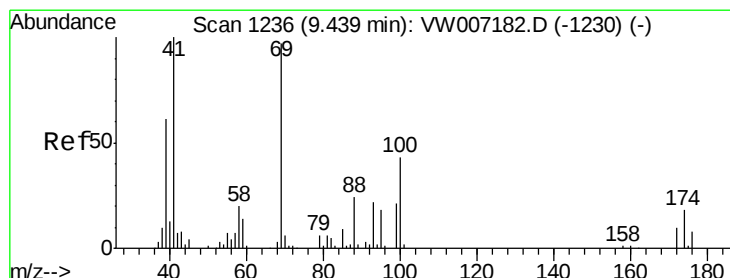
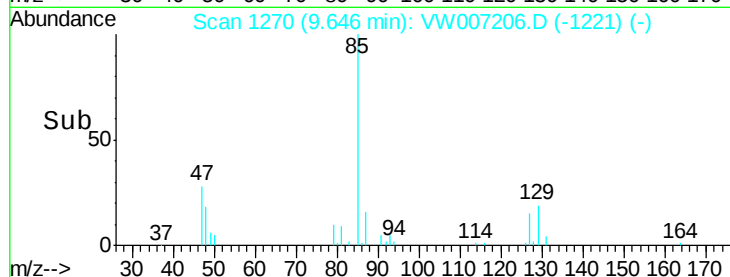
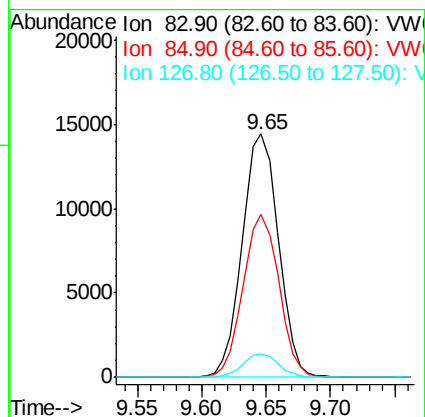
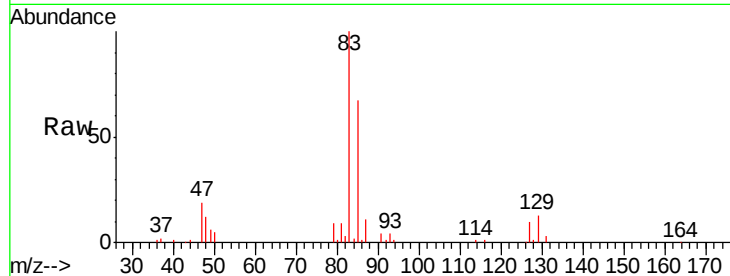
ClientSampleId :

VW1204SBSD02

Tgt Ion:	83	Resp:	28157
Ion Ratio	Lower	Upper	
83	100		
85	67.1	50.6	76.0
127	9.8	7.3	10.9

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#48

Methyl methacrylate

Concen: 23.719 ug/l

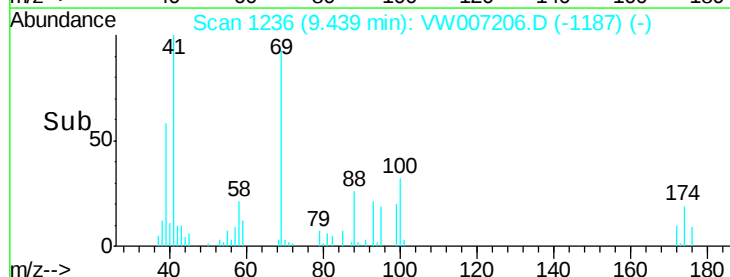
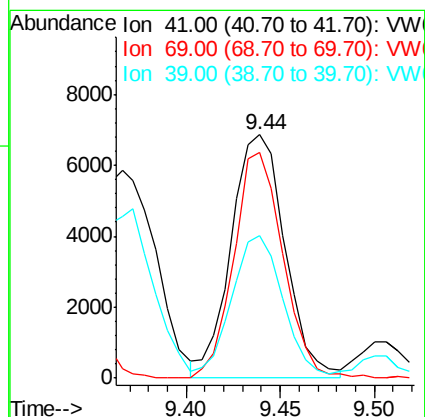
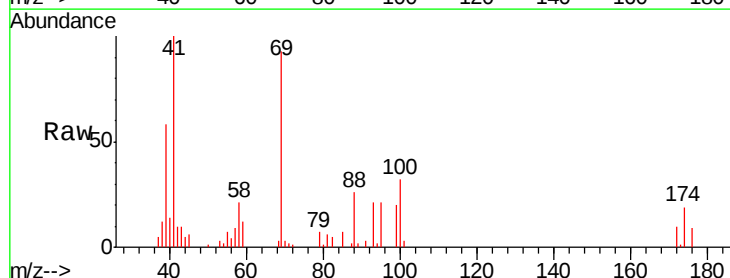
RT: 9.44 min Scan# 1236

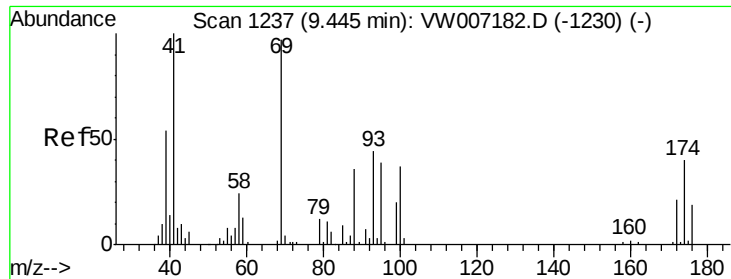
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	41	Resp:	13644
Ion Ratio	Lower	Upper	
41	100		
69	84.7	69.6	104.4
39	55.8	42.4	63.6





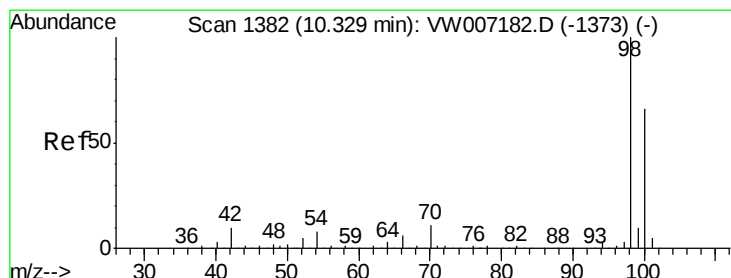
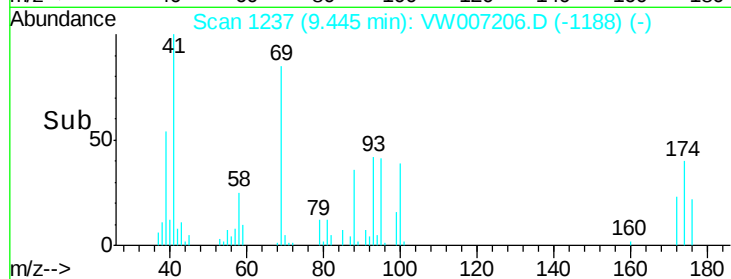
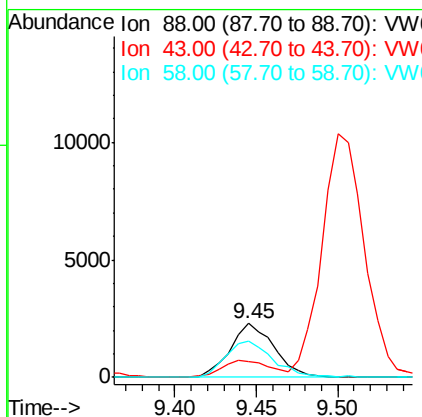
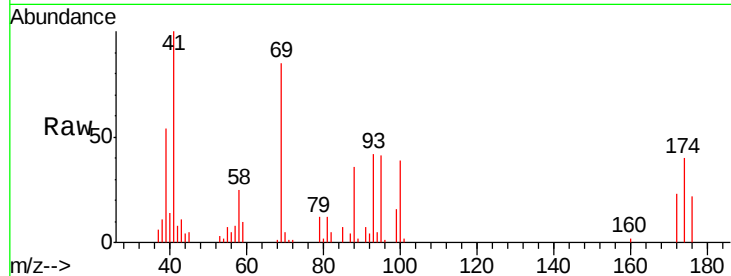
#49
1,4-Dioxane
Concen: 469.013 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.2	25.8	38.8
58	72.1	58.9	88.3

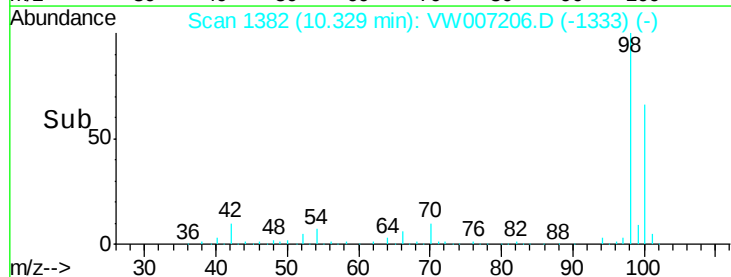
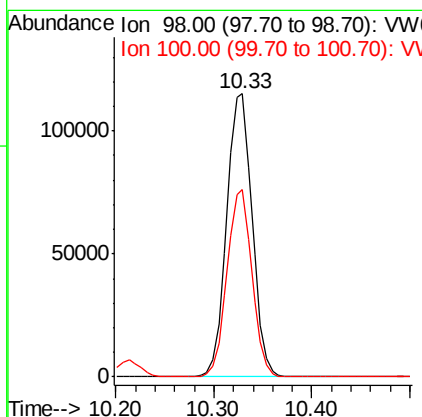
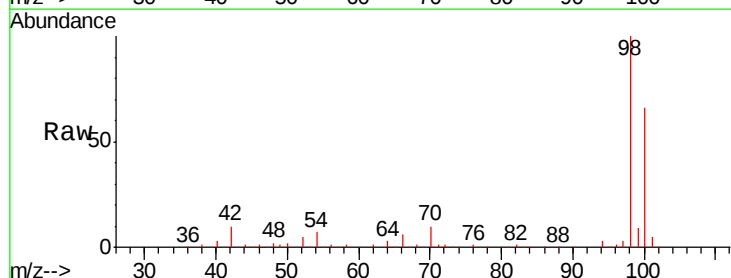
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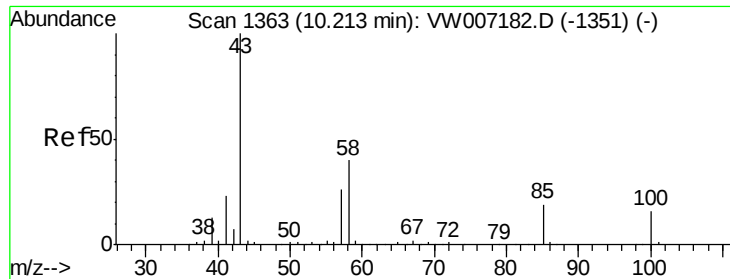
apatel
12/5/2018 12:44:28 PM



#50
Toluene-d8
Concen: 50.898 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.7	79.1





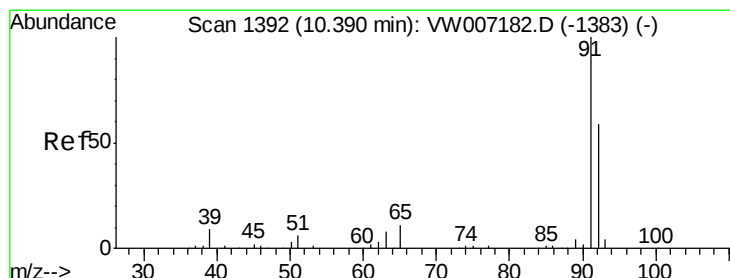
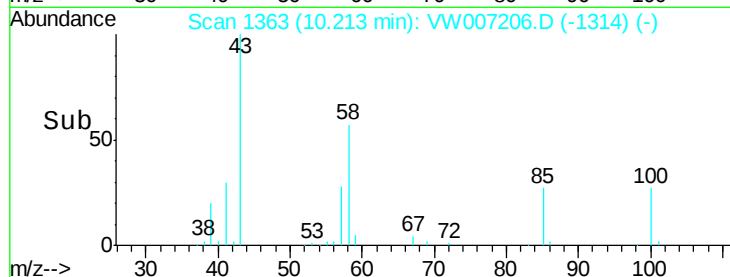
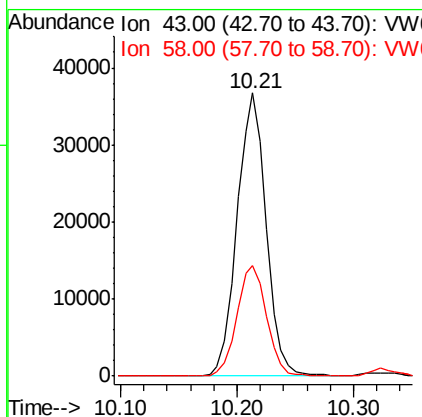
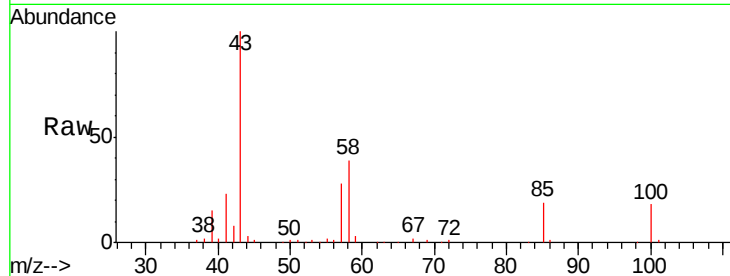
#51
4-Methyl-2-Pentanone
Concen: 116.741 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.3	48.5

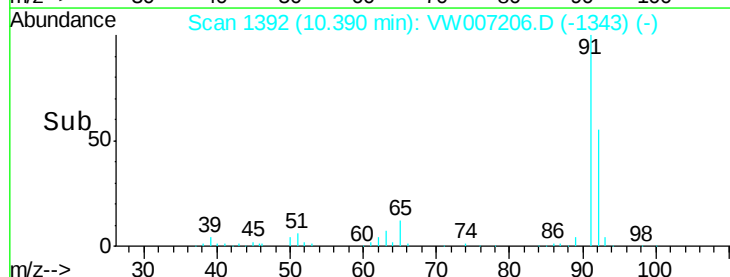
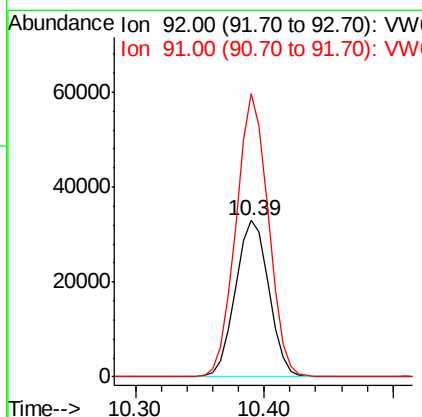
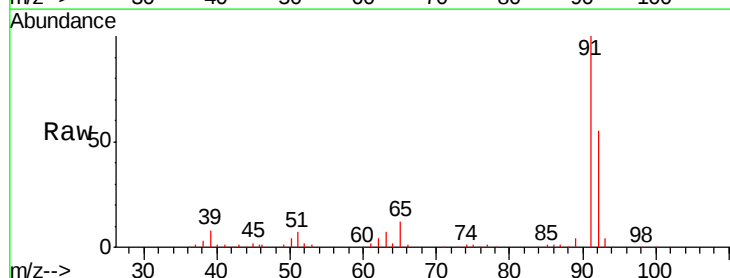
Manual Integrations
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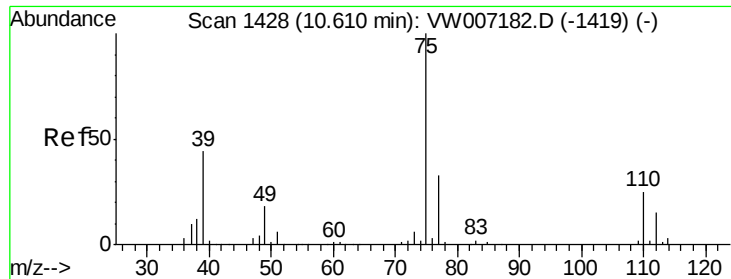
apatel
12/5/2018 12:44:28 PM



#52
Toluene
Concen: 19.652 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.3	136.0	204.0





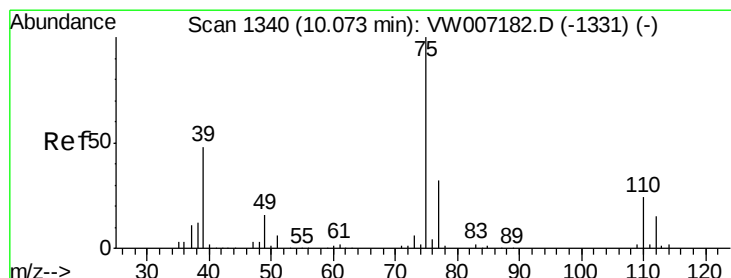
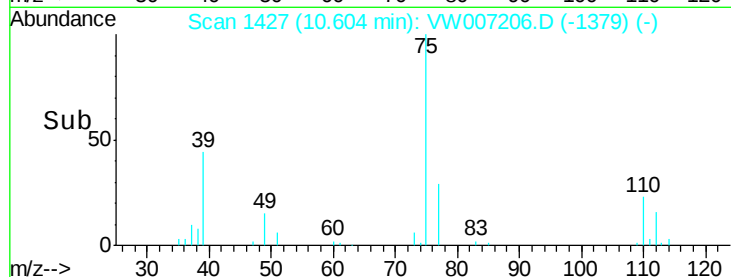
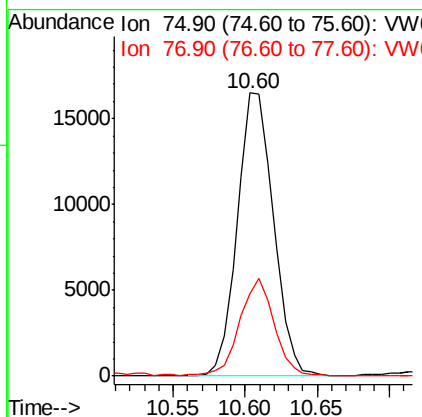
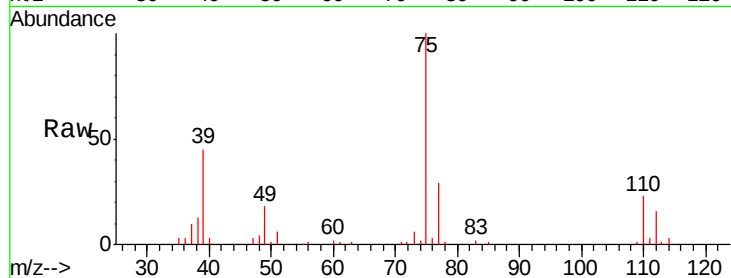
#53
 t-1,3-Dichloropropene
 Concen: 20.785 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tgt Ion: 75 Resp: 28755
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.2 39.2

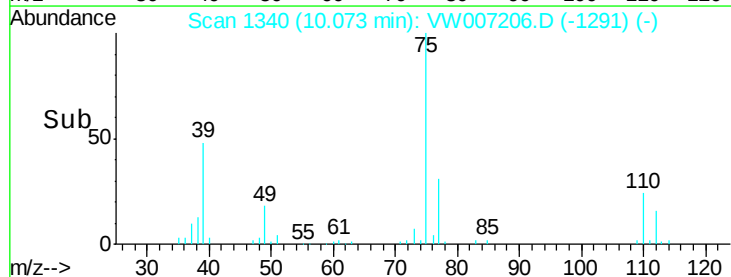
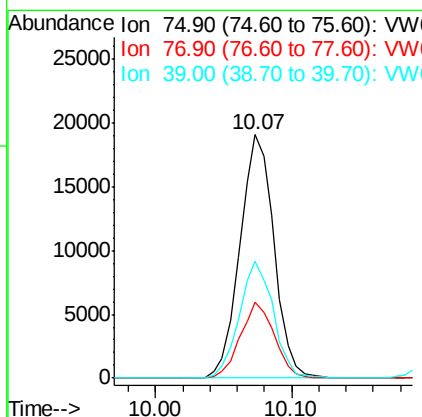
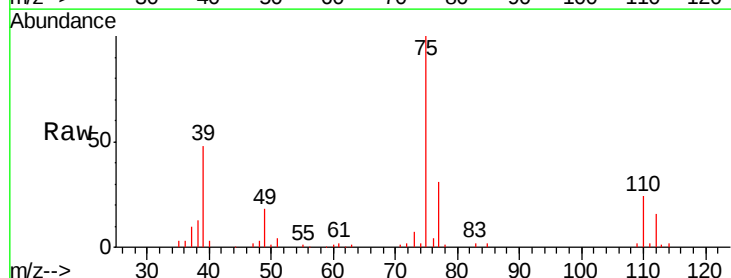
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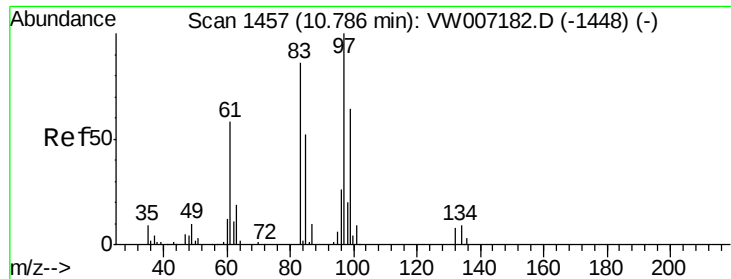
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 20.569 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion: 75 Resp: 33349
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.0 39.0
 39 47.9 38.0 57.0





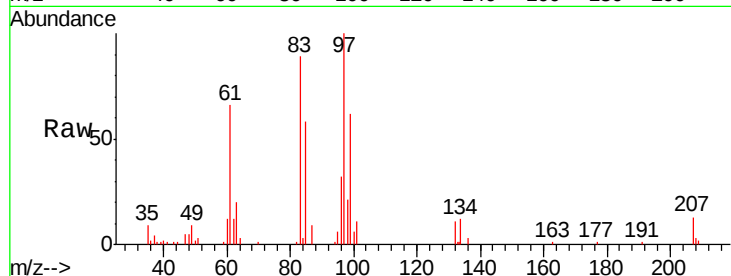
#55
 1,1,2-Trichloroethane
 Concen: 21.499 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

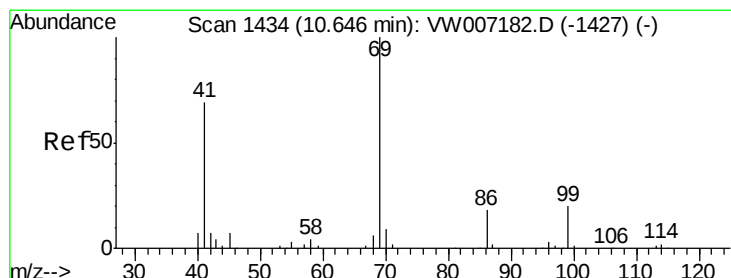
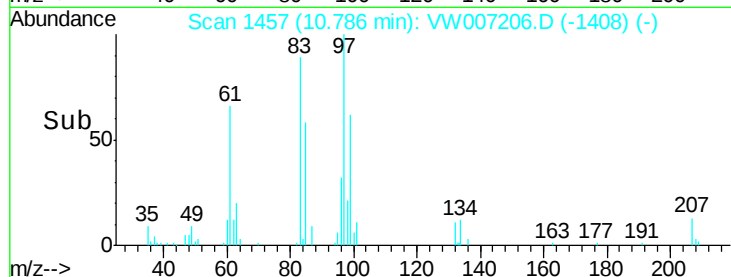
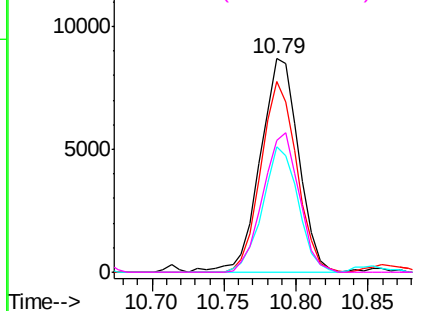
Tgt Ion:	97	Resp:	15997
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.6	102.8
85	58.5	41.4	62.2
99	61.9	51.2	76.8

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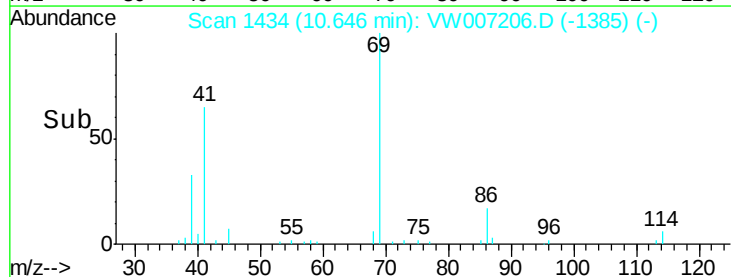
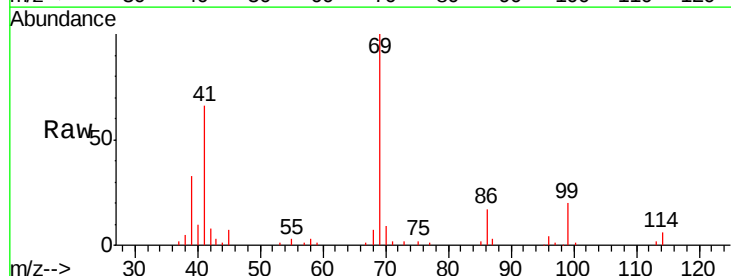
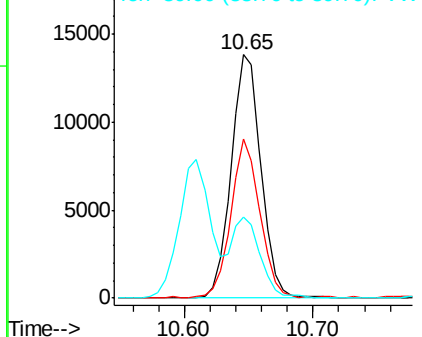
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

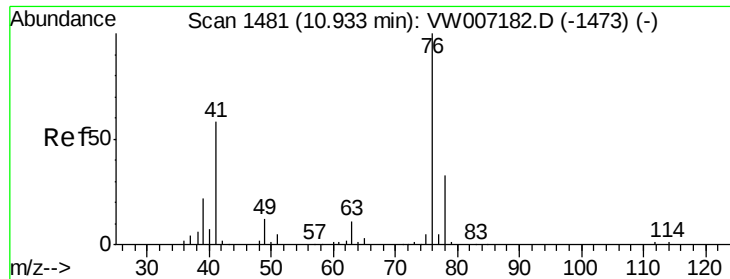


#56
 Ethyl methacrylate
 Concen: 22.923 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion:	69	Resp:	22250
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.8	77.6
39	33.6	28.7	43.1

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





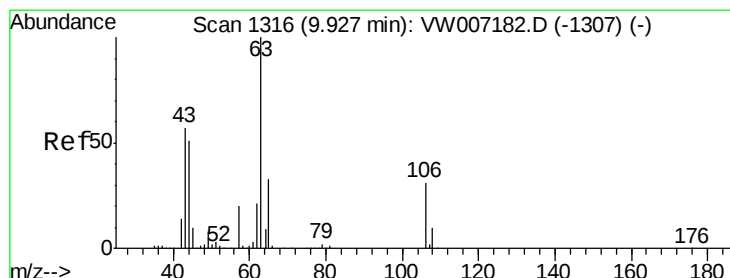
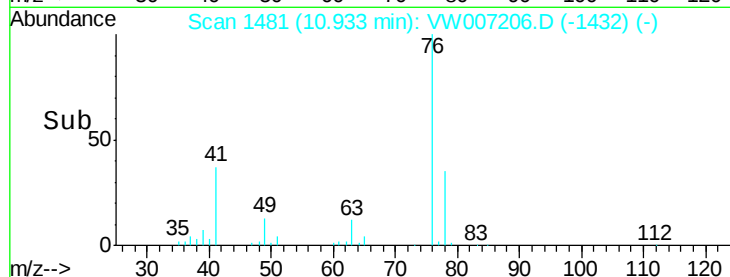
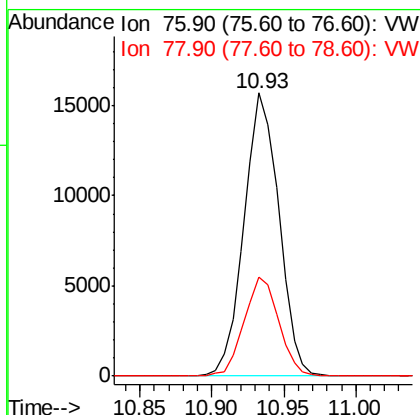
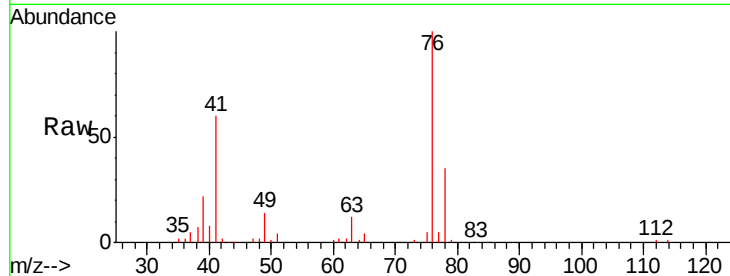
#57
 1,3-Dichloropropane
 Concen: 20.931 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tgt Ion: 76 Resp: 26294
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.6 40.0

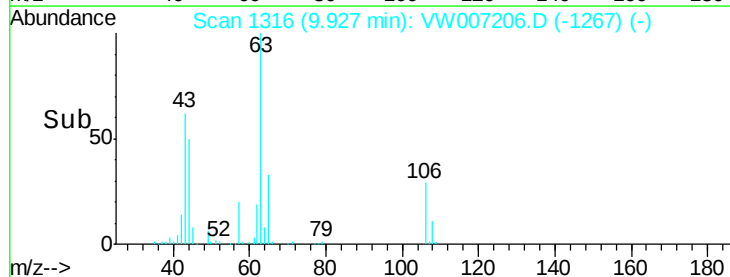
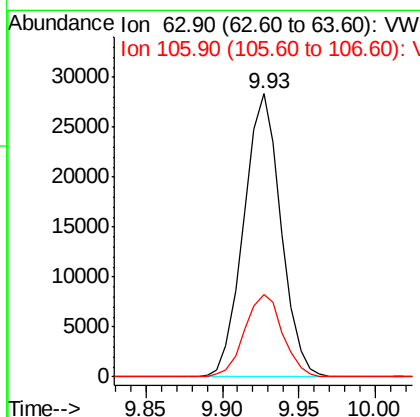
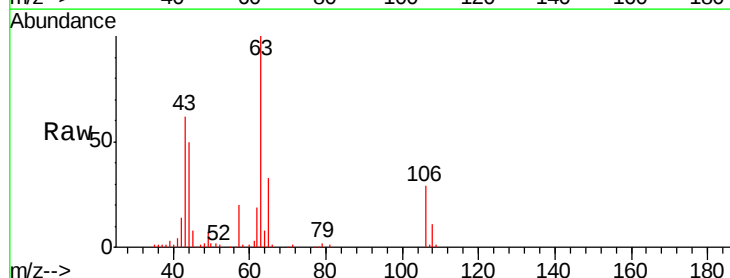
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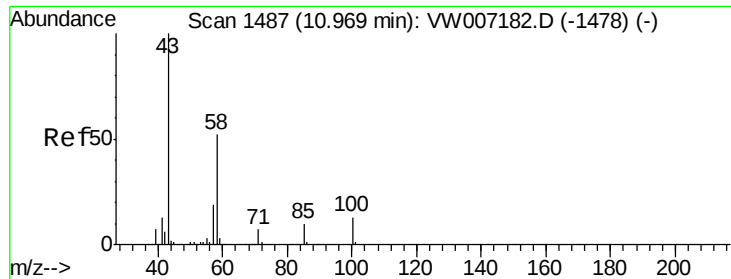
apatel
 12/5/2018 12:44:28 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.950 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion: 63 Resp: 47934
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.1 36.1





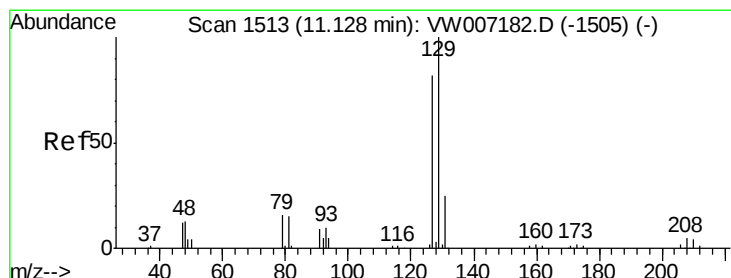
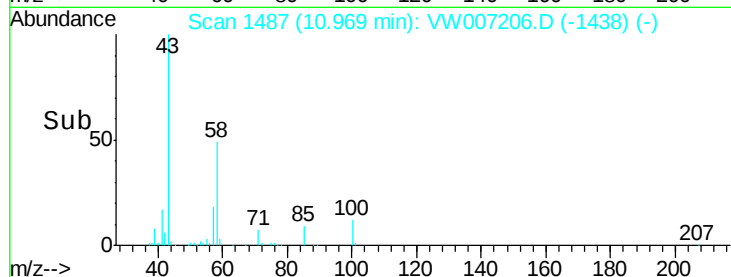
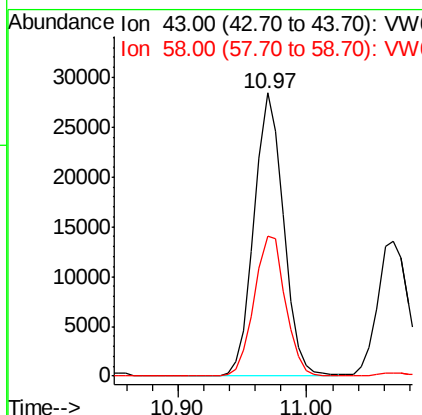
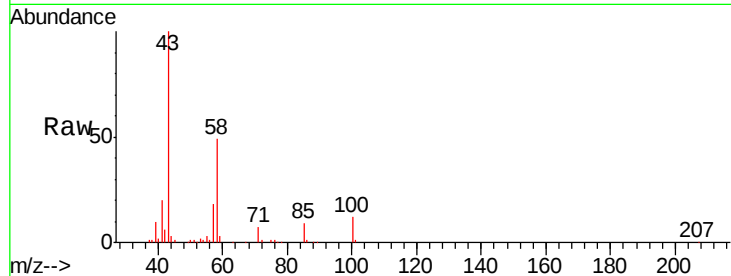
#59
2-Hexanone
Concen: 113.350 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion: 43 Resp: 44881
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.4

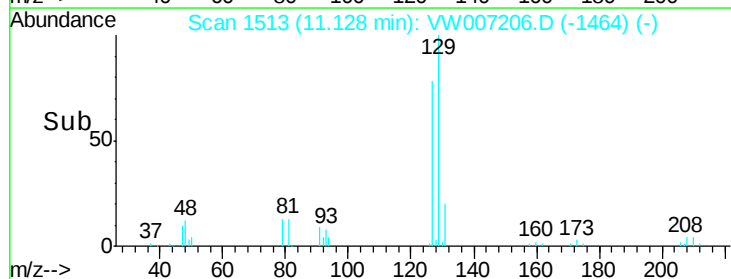
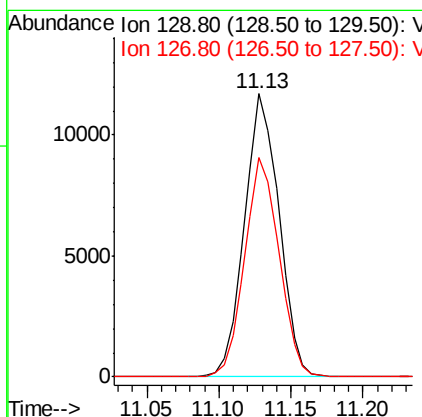
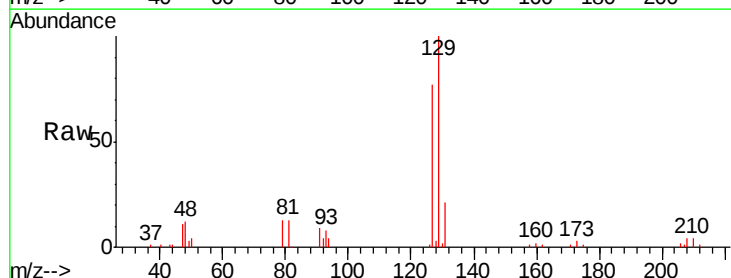
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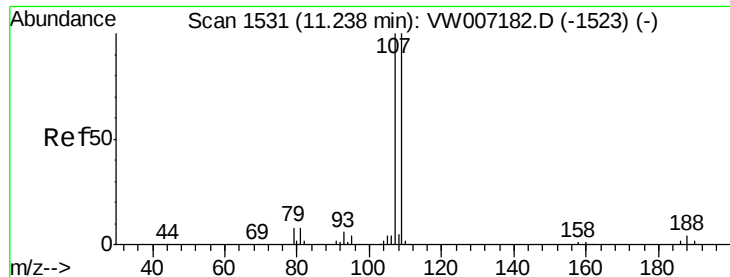
apatel
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#60
Dibromochloromethane
Concen: 21.251 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 129 Resp: 19435
Ion Ratio Lower Upper
129 100
127 77.1 39.8 119.4





#61

1,2-Dibromoethane

Concen: 21.871 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBS02

Tgt Ion: 107 Resp: 15609

Ion Ratio Lower Upper

107 100

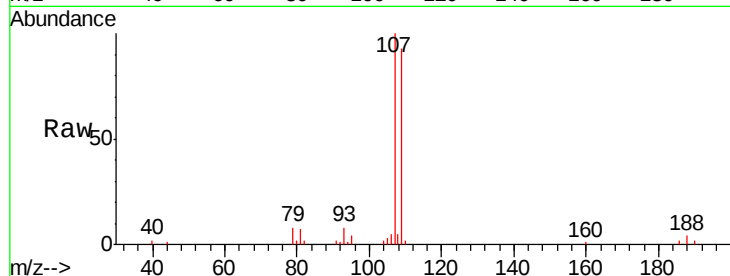
109 95.5 77.3 115.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

10000

8000

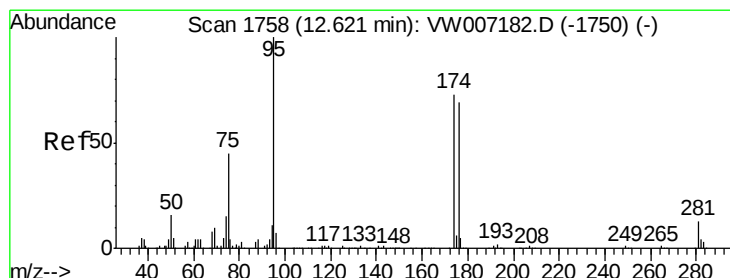
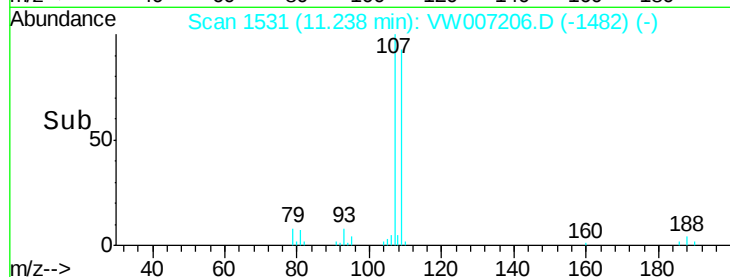
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.592 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

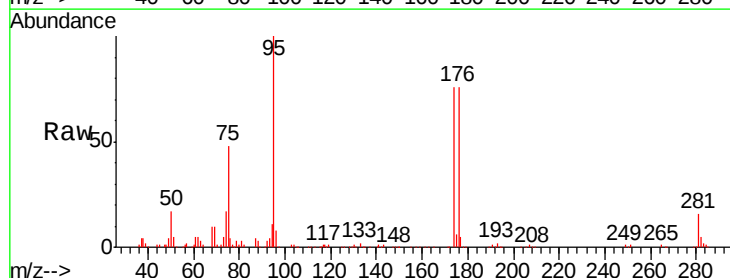
Tgt Ion: 95 Resp: 78093

Ion Ratio Lower Upper

95 100

174 76.5 0.0 148.0

176 71.7 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

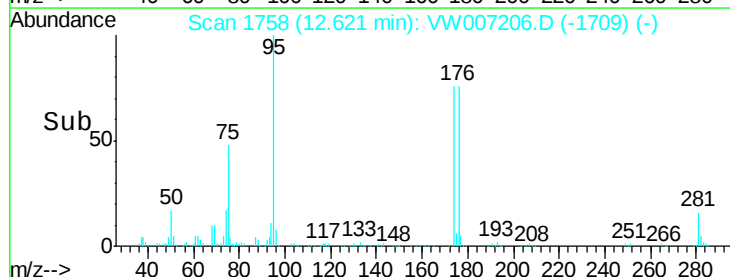
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70





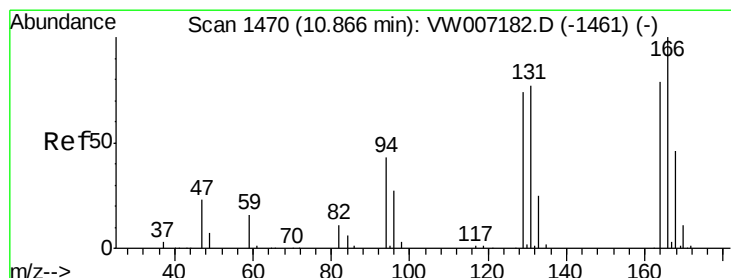
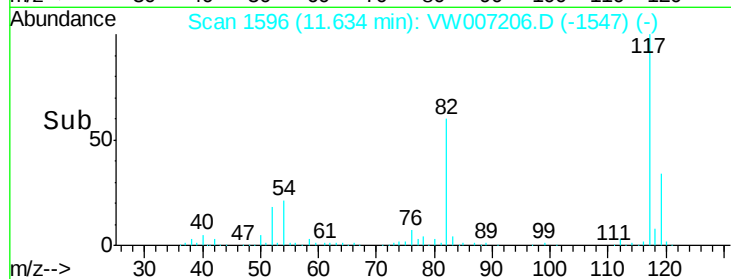
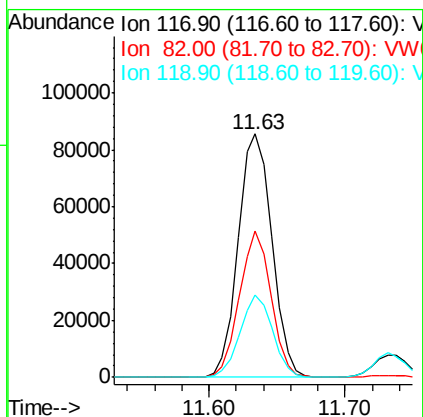
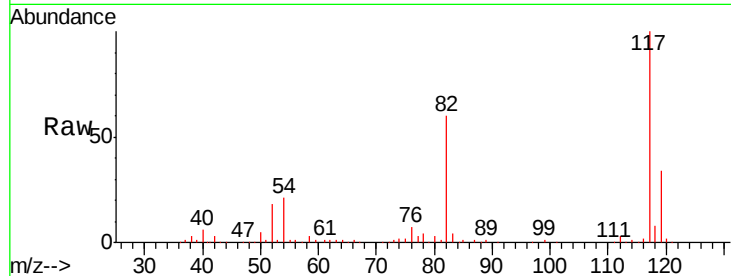
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	33.9	26.8	40.2

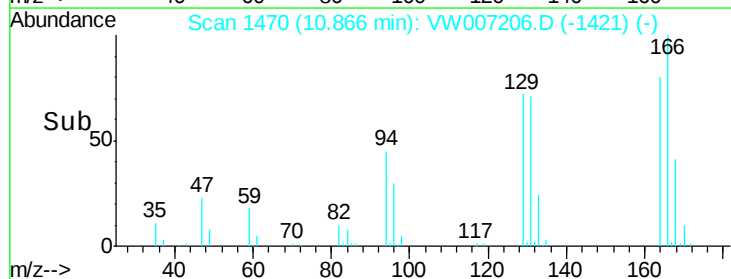
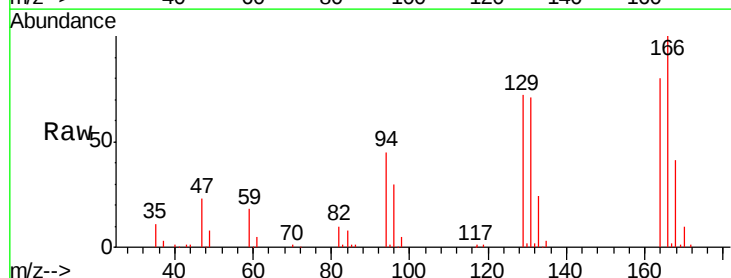
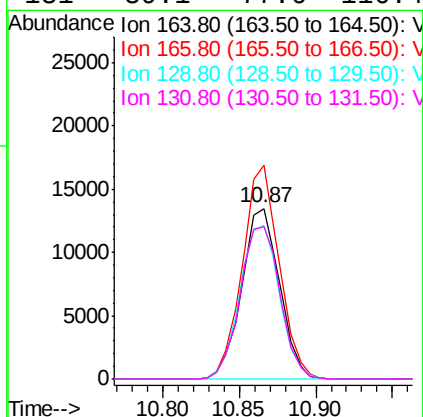
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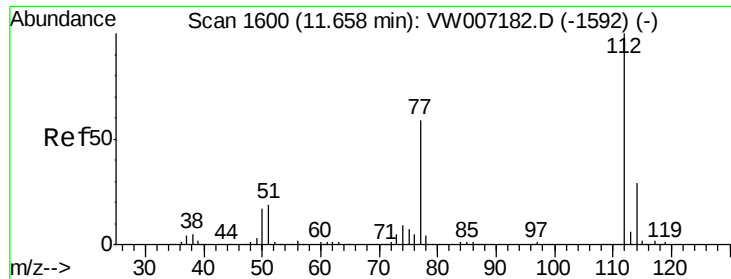
apatel
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#64
Tetrachloroethene
Concen: 21.303 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	101.0	151.4
129	89.8	74.6	111.8
131	89.1	77.6	116.4





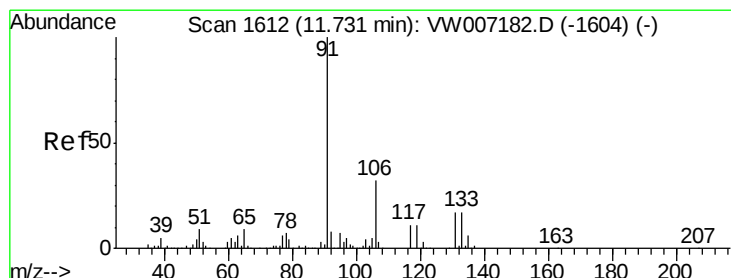
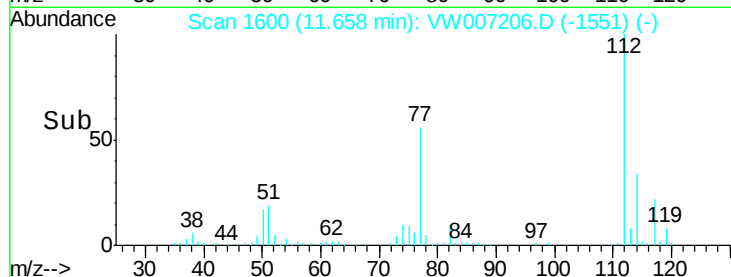
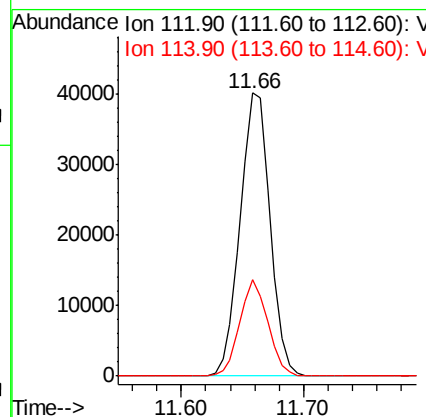
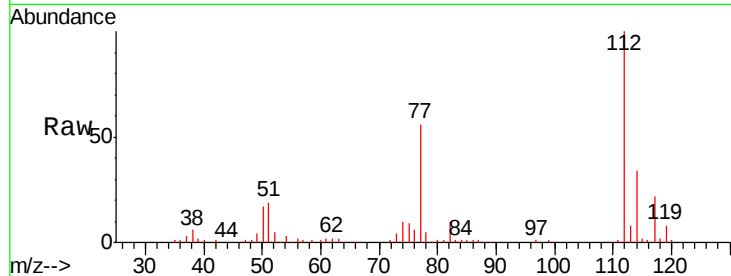
#65
Chlorobenzene
Concen: 20.527 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion:112 Resp: 68119
Ion Ratio Lower Upper
112 100
114 34.2 23.0 34.4

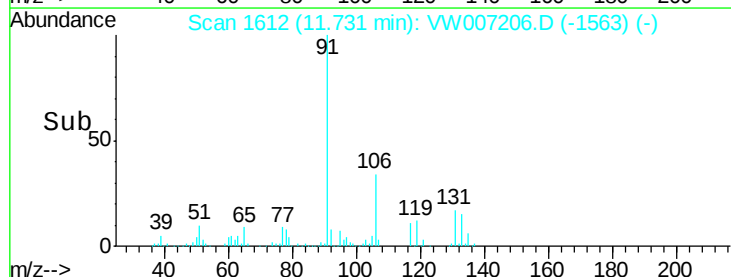
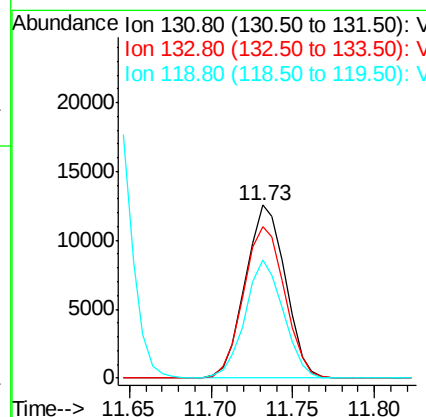
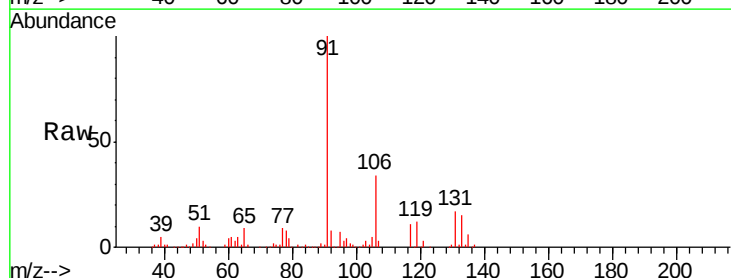
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.015 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:131 Resp: 21538
Ion Ratio Lower Upper
131 100
133 89.7 48.0 144.2
119 65.0 32.8 98.4





#67

Ethyl Benzene

Concen: 19.718 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 91 Resp: 119259

Ion Ratio Lower Upper

91 100

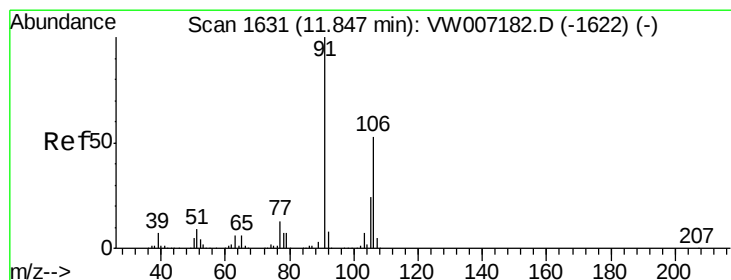
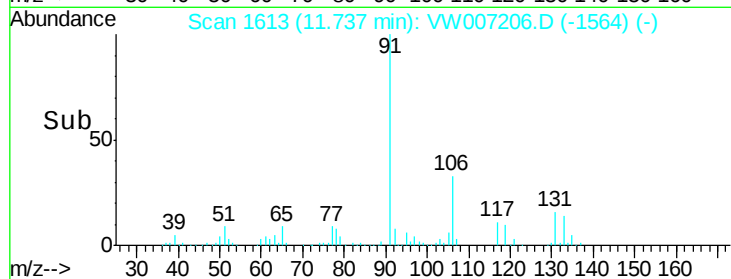
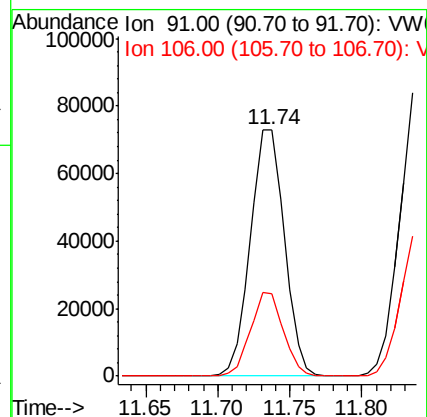
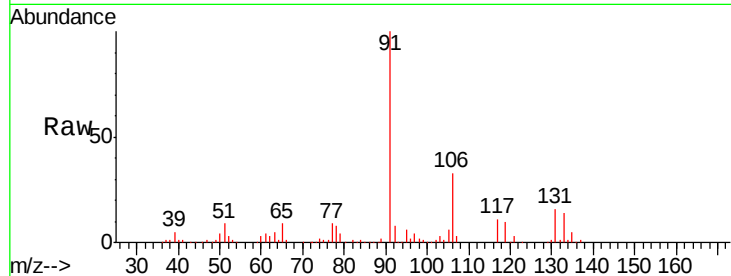
106 33.4 26.0 39.0

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#68

m/p-Xylenes

Concen: 39.970 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW007206.D

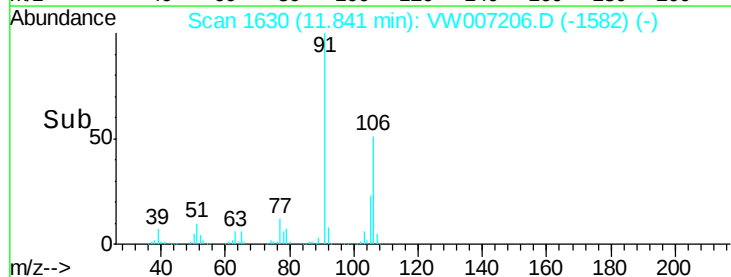
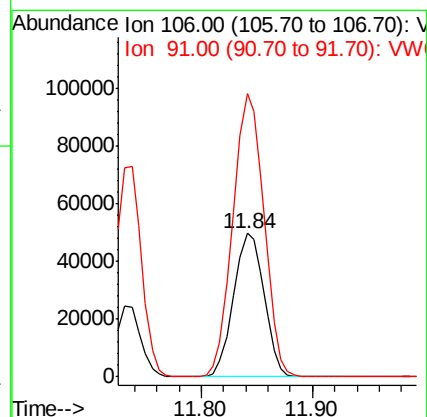
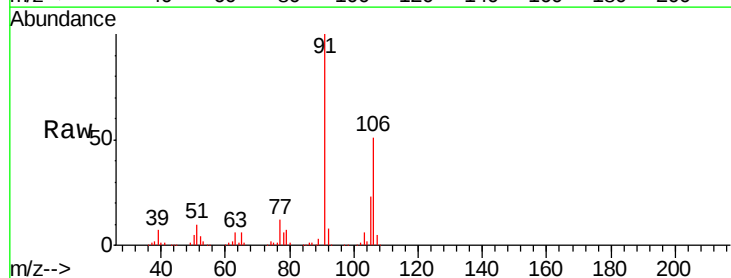
Acq: 05 Dec 2018 01:26

Tgt Ion: 106 Resp: 94840

Ion Ratio Lower Upper

106 100

91 200.6 160.2 240.4





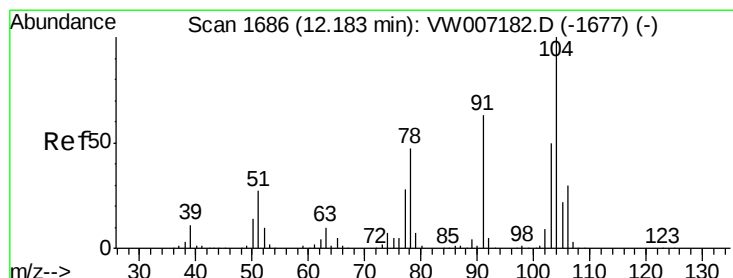
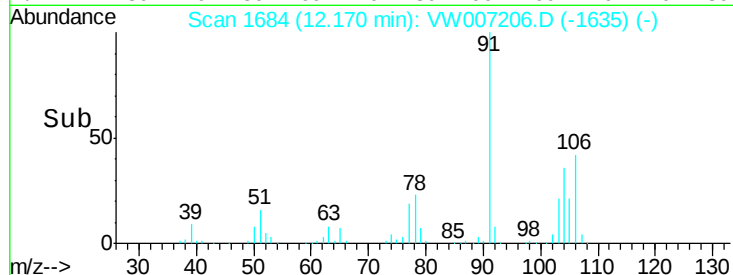
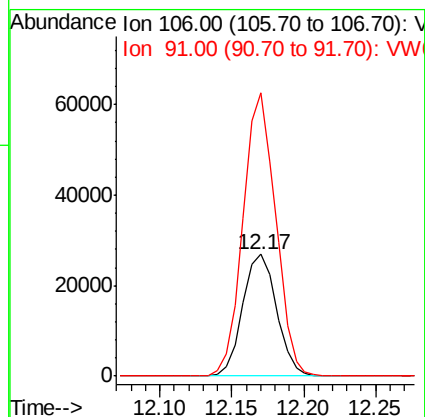
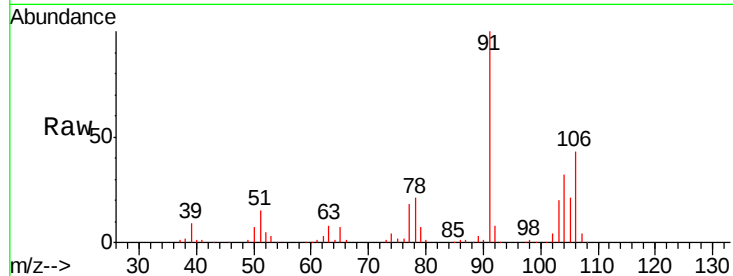
#69
o-Xylene
Concen: 19.805 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion:106 Resp: 43906
Ion Ratio Lower Upper
106 100
91 223.6 104.9 314.7

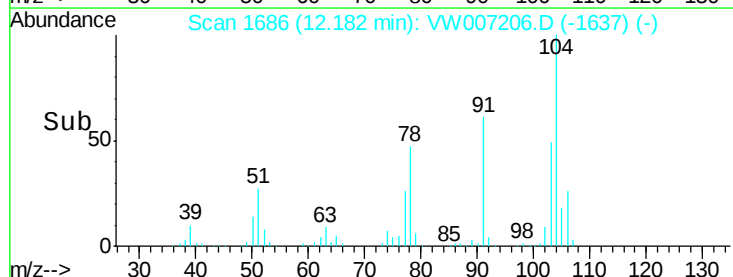
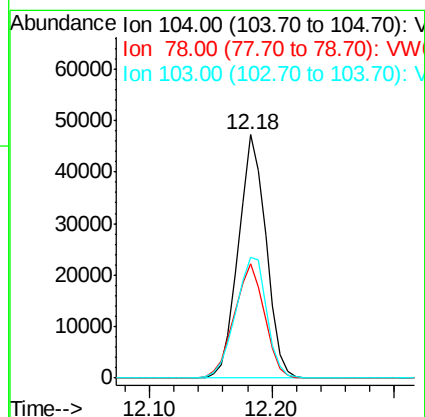
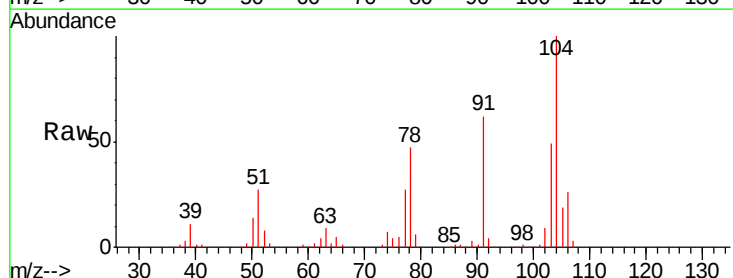
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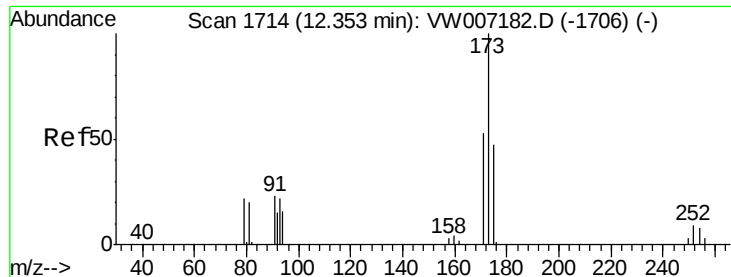
apatel
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#70
Styrene
Concen: 20.360 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:104 Resp: 73886
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 55.8 43.0 64.4





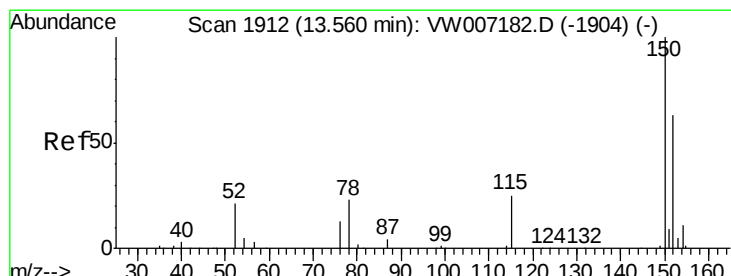
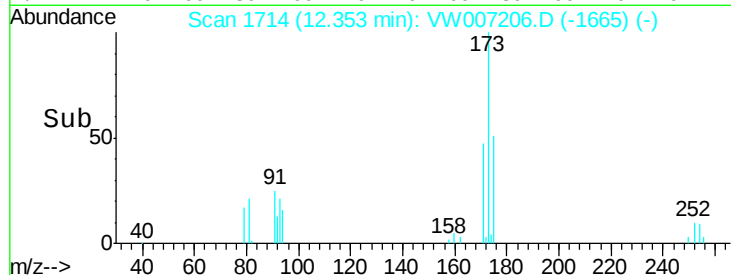
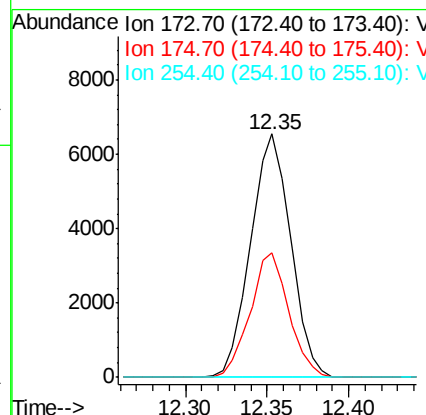
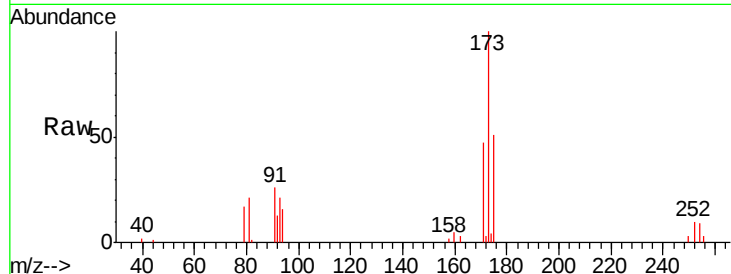
#71
Bromoform
Concen: 21.799 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.0	72.0
254	0.0	0.0	0.0

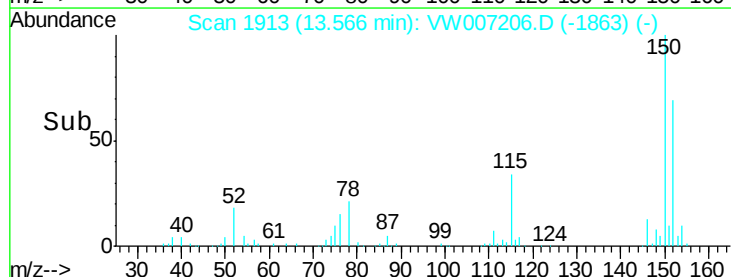
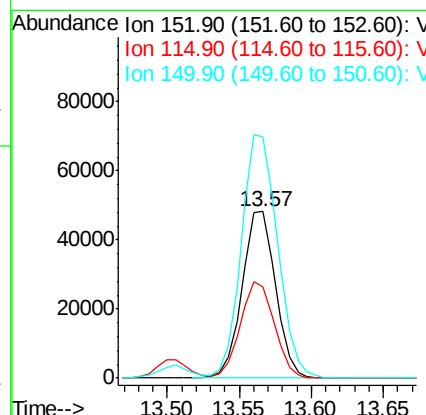
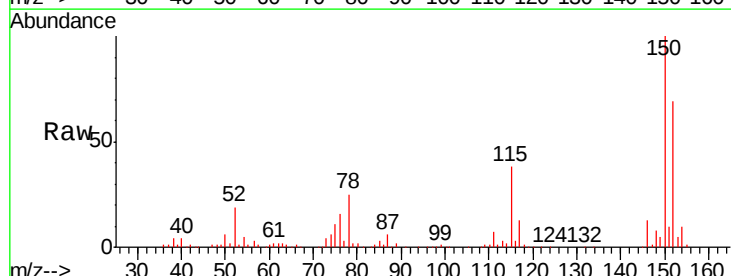
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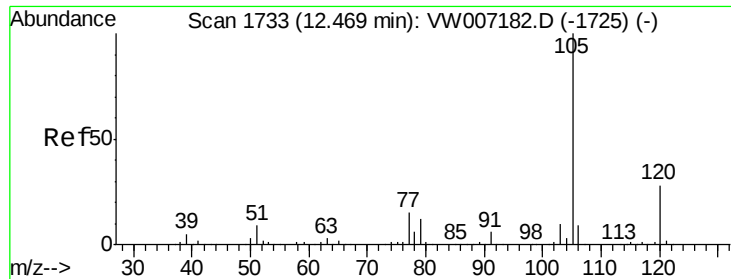
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.3	93.8
150	158.4	0.0	358.0





#73

Isopropylbenzene

Concen: 18.518 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 105 Resp: 116932

Ion Ratio Lower Upper

105 100

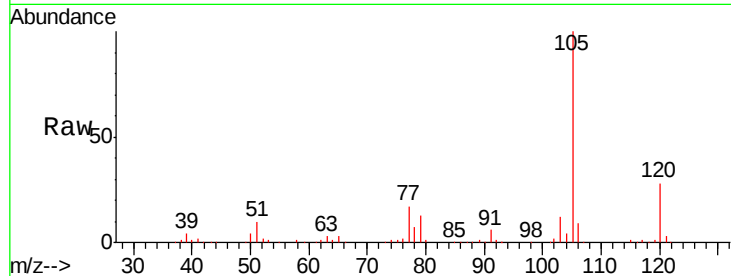
120 27.5 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

20000

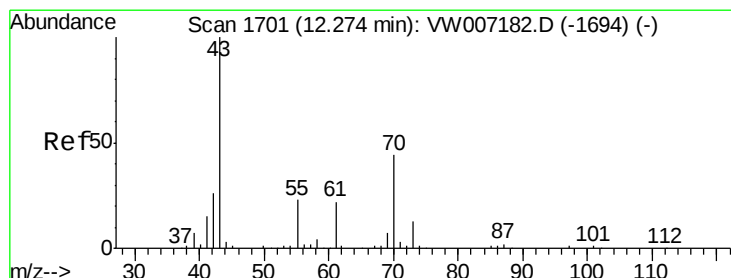
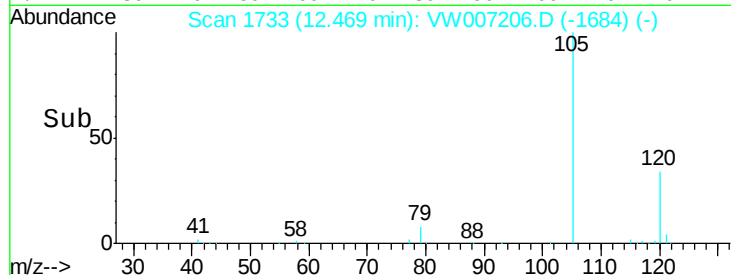
0

12.40

12.47

12.50

Time-->



#74

N-ethyl acetate

Concen: 21.129 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion: 43 Resp: 23655

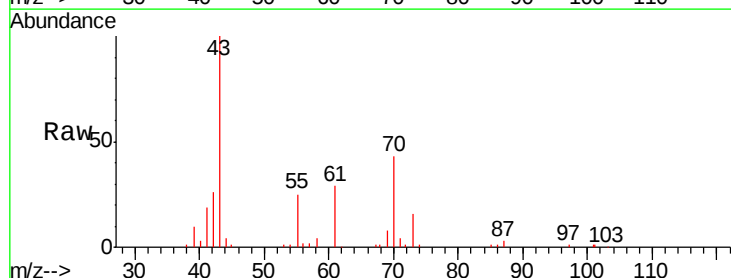
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 25.3 19.0 28.6

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

20000

15000

10000

5000

0

12.20

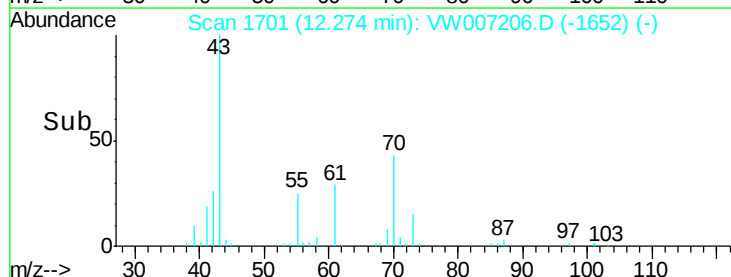
12.25

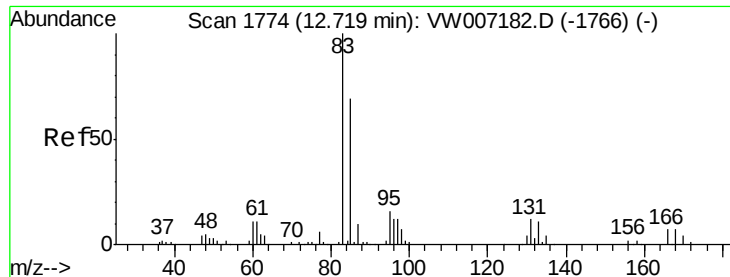
12.27

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.888 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

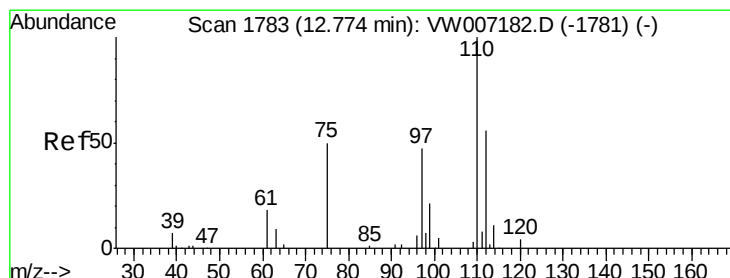
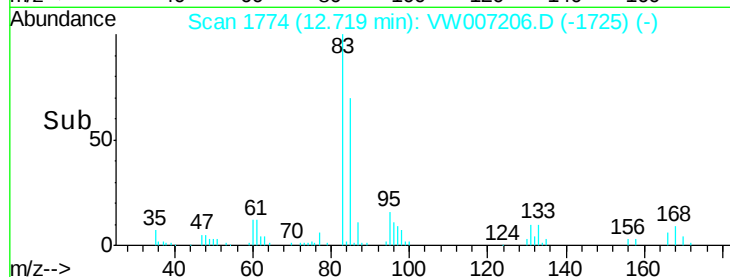
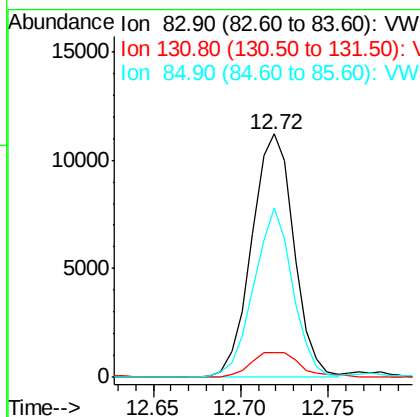
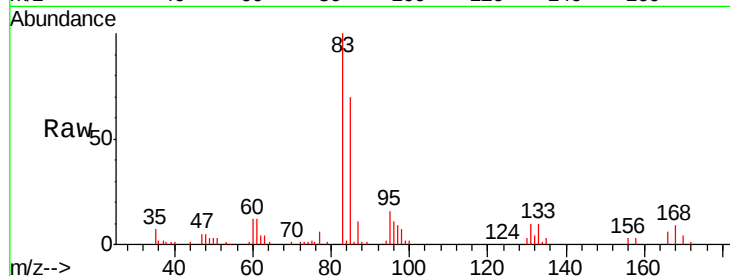
ClientSampleId :

VW1204SBSD02

Tgt Ion:	83	Resp:	18770
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.0	18.1
85	64.3	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 9.666 ug/l m

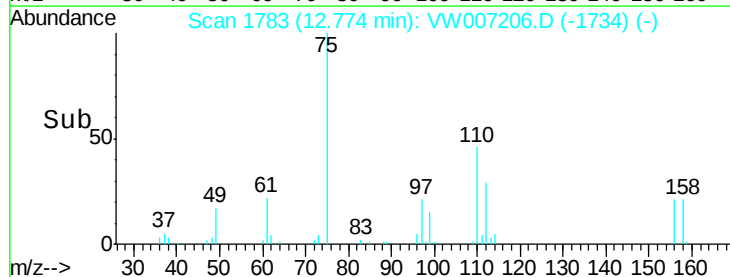
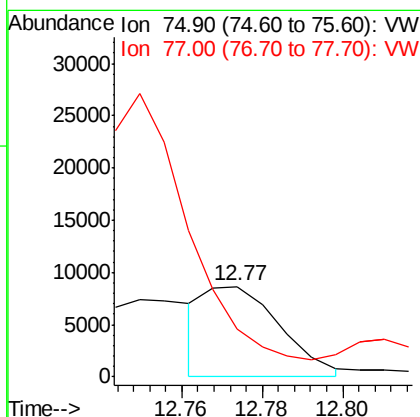
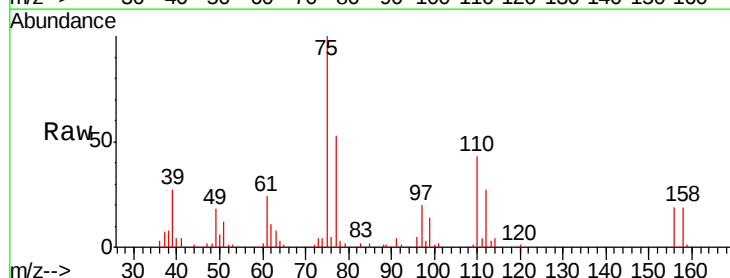
RT: 12.77 min Scan# 1783

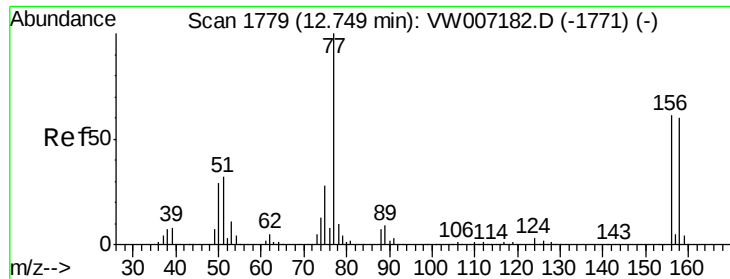
Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	75	Resp:	11277
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.643 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

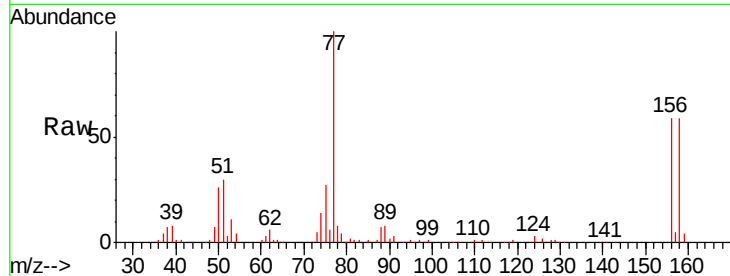
ClientSampleId :

VW1204SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	186.0	92.0	276.1
158	97.5	49.0	147.0

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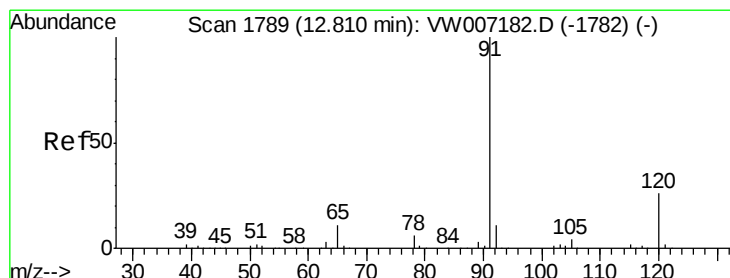
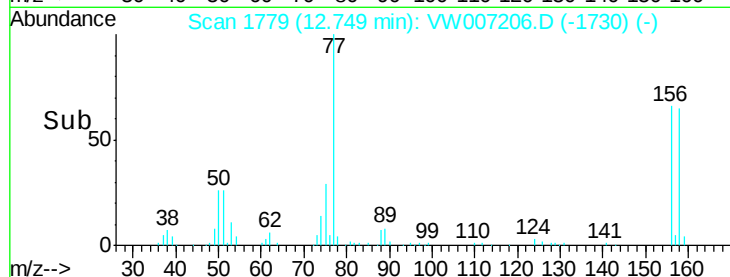
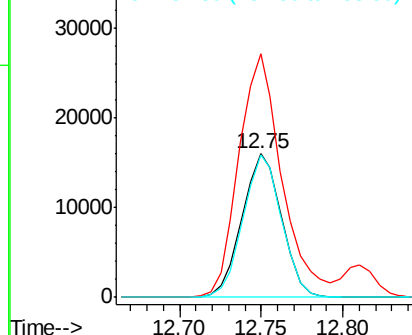
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.440 ug/l

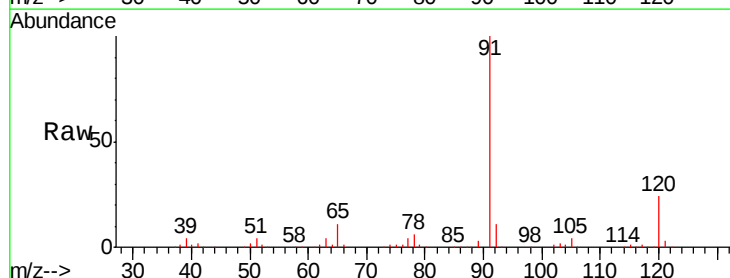
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007206.D

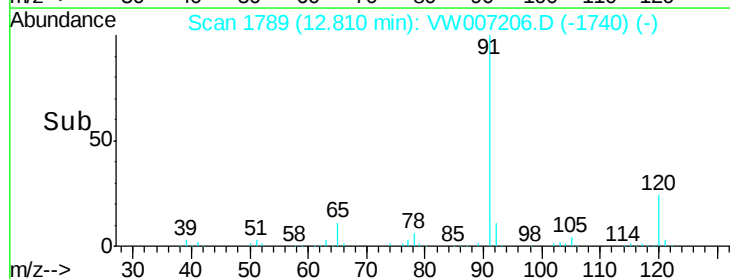
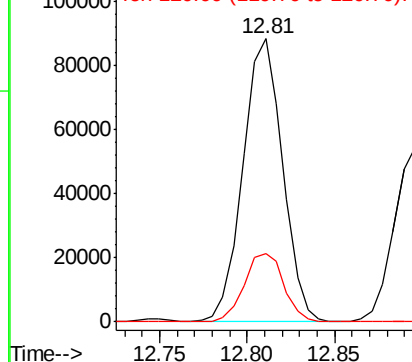
Acq: 05 Dec 2018 01:26

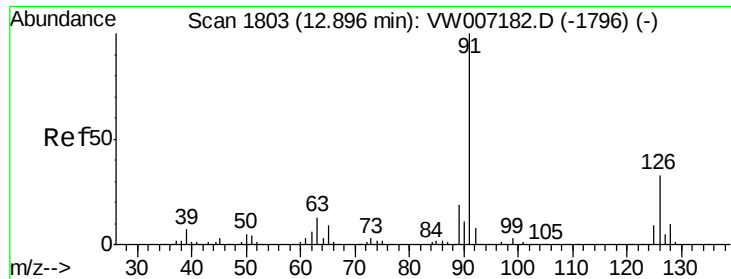
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.789 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

Tgt Ion: 91 Resp: 84068

Ion Ratio Lower Upper

91 100

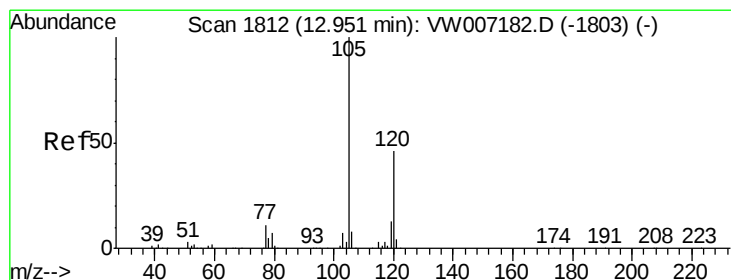
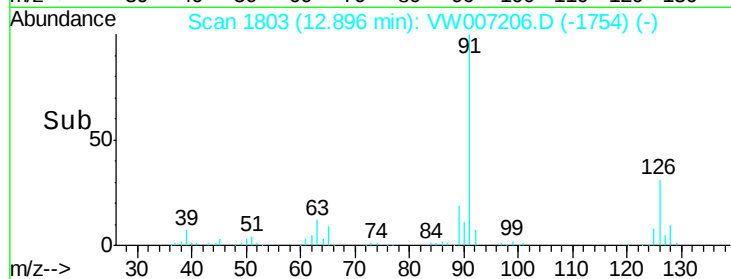
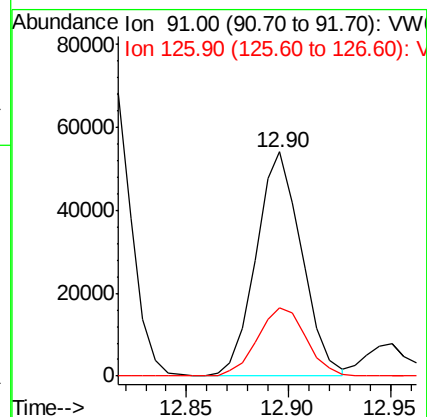
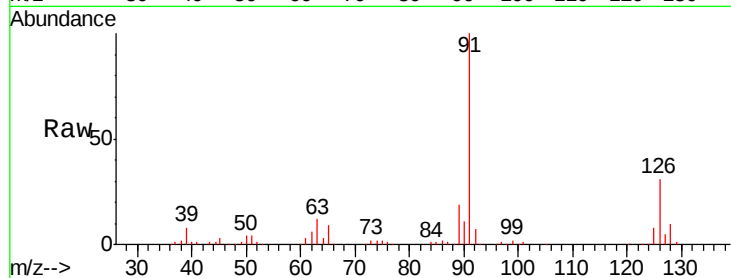
126 32.7 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.313 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW007206.D

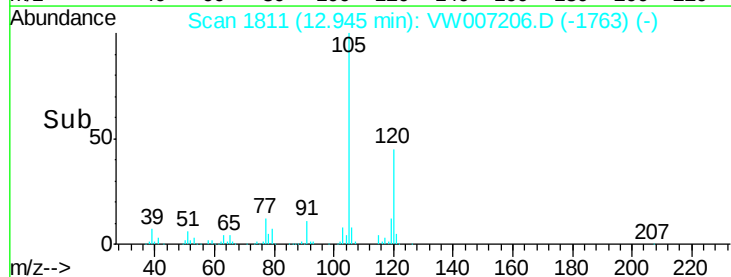
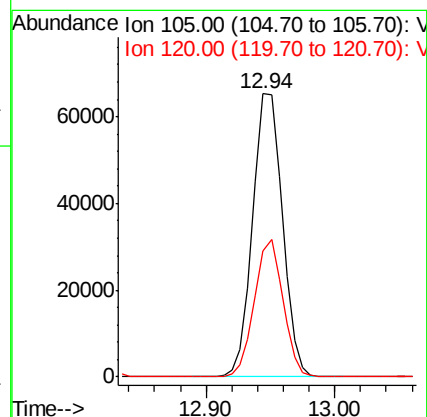
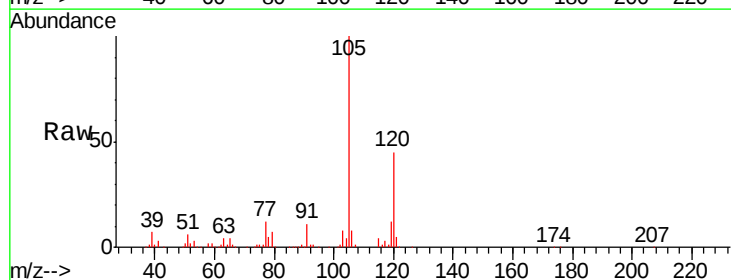
Acq: 05 Dec 2018 01:26

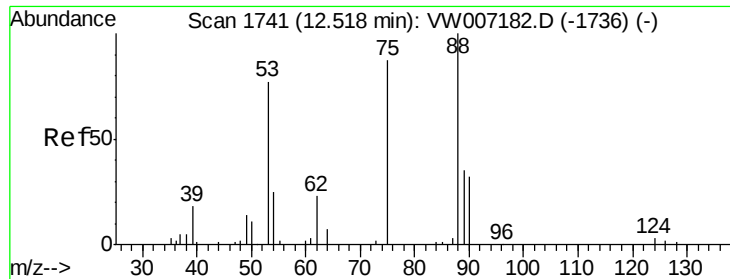
Tgt Ion: 105 Resp: 104329

Ion Ratio Lower Upper

105 100

120 46.5 23.8 71.5





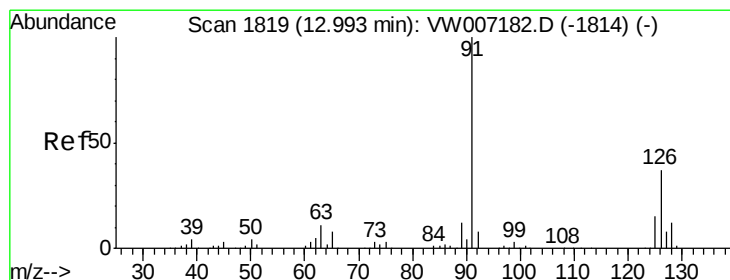
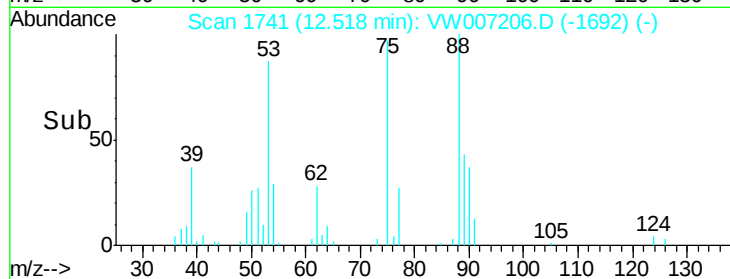
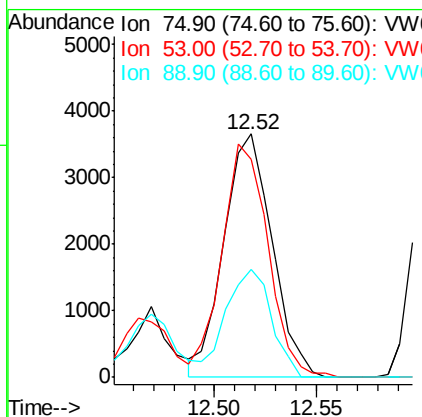
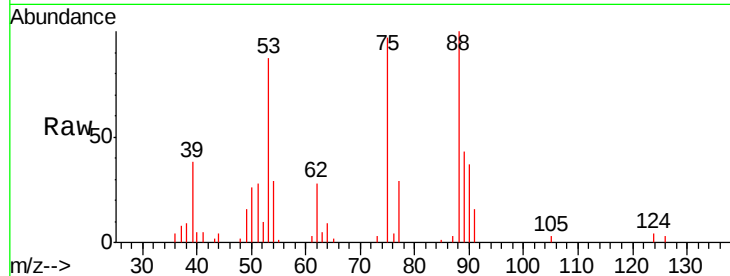
#81
trans-1,4-Dichloro-2-butene
Concen: 21.465 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.8	72.8	109.2
89	41.4	36.4	54.6

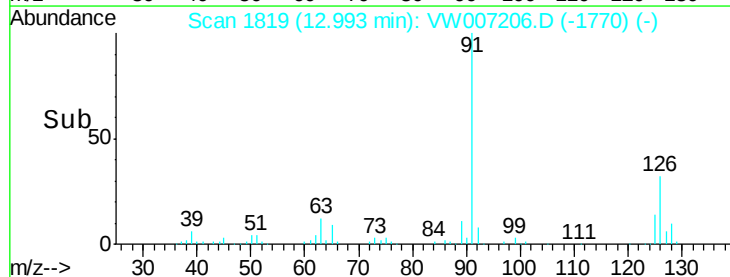
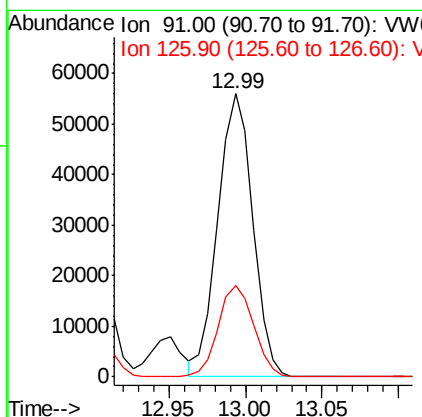
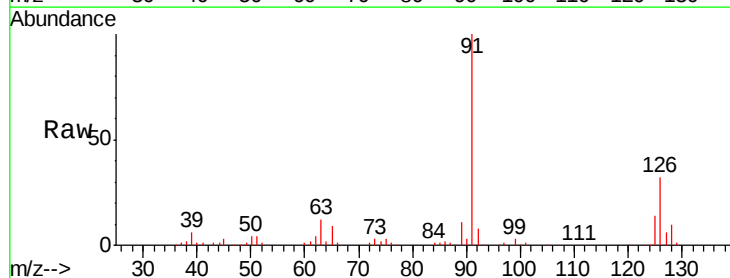
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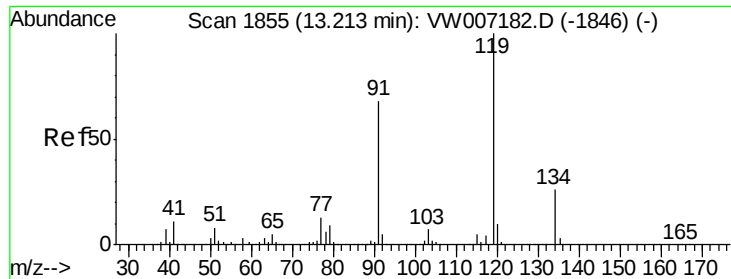
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#82
4-Chlorotoluene
Concen: 19.677 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	17.4	52.3





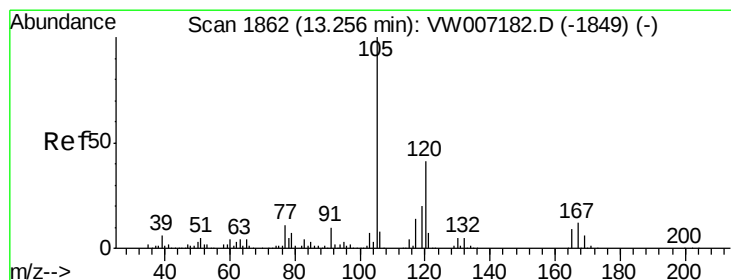
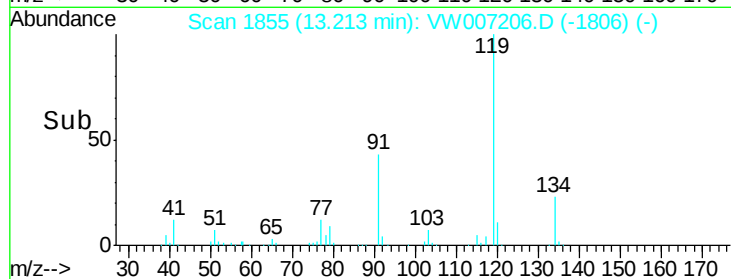
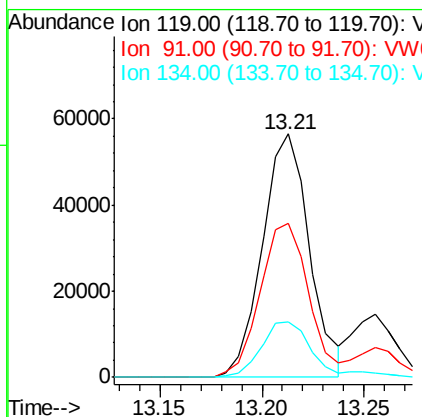
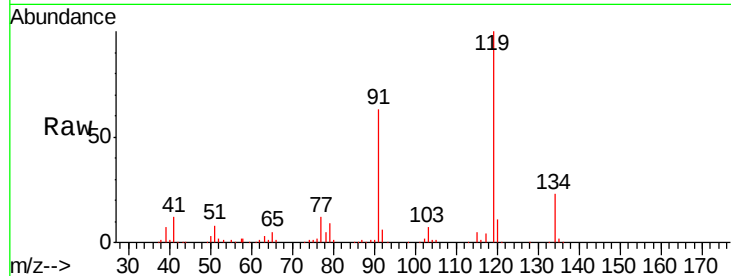
#83
 tert-Butylbenzene
 Concen: 19.268 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	90960		
91	65.2	34.0	101.8	
134	25.4	13.2	39.5	

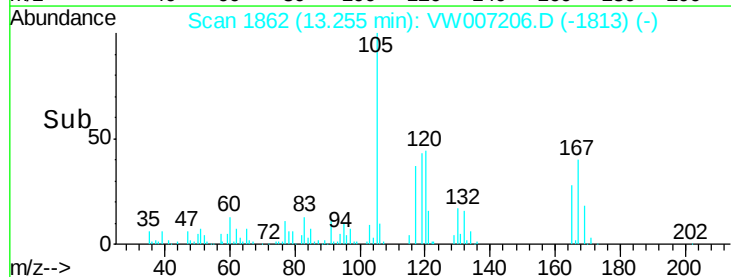
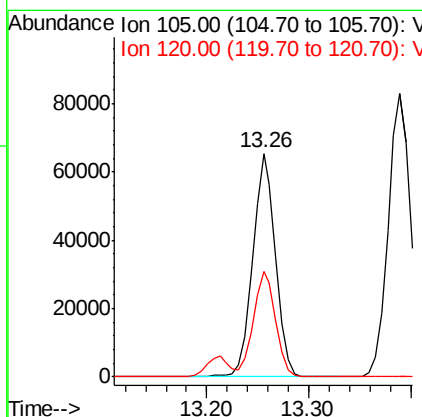
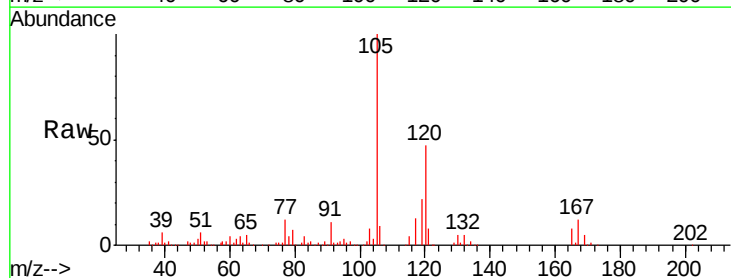
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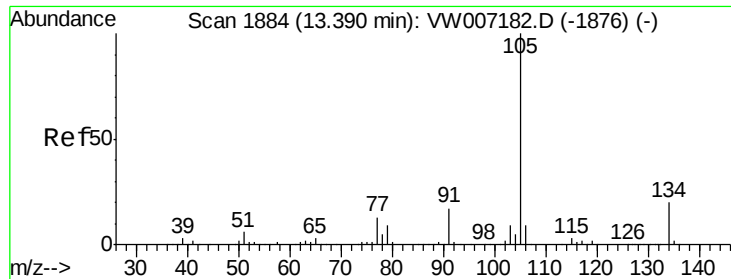
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.491 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	101966		
120	45.8	21.1	63.3	





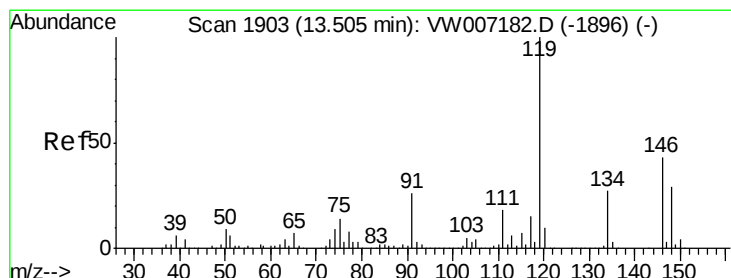
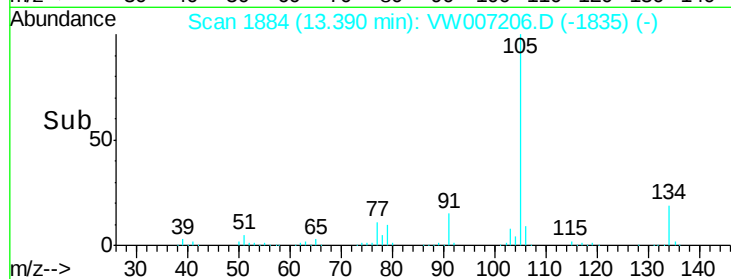
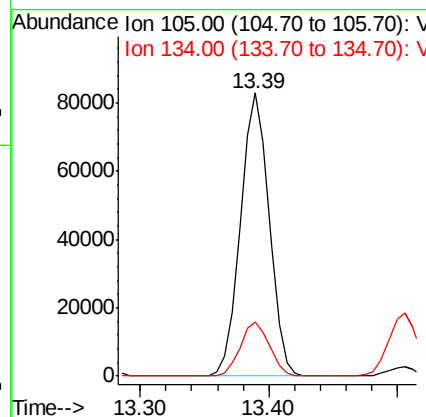
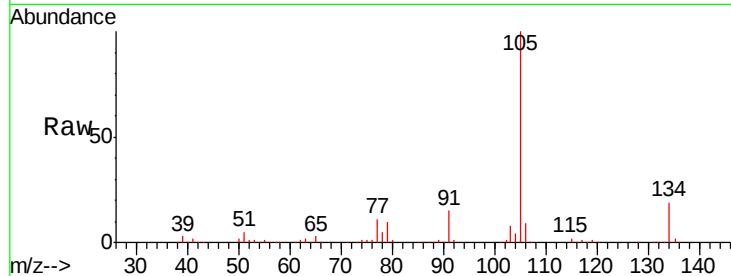
#85
 sec-Butylbenzene
 Concen: 18.962 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tgt Ion:105 Resp: 127789
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.8

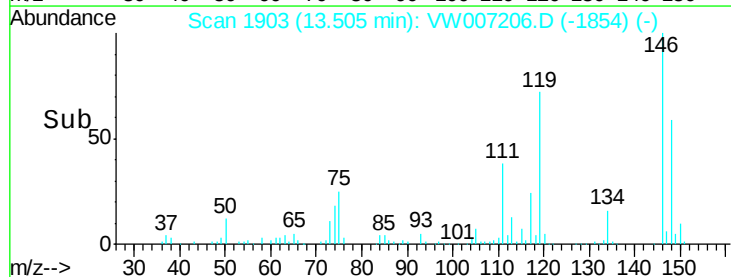
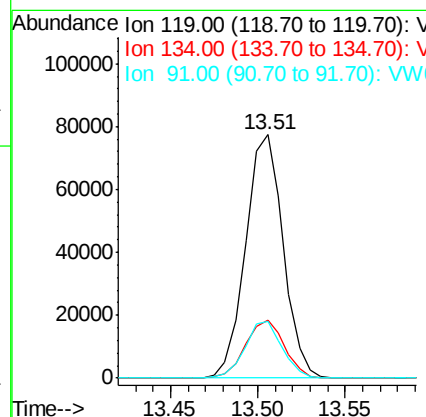
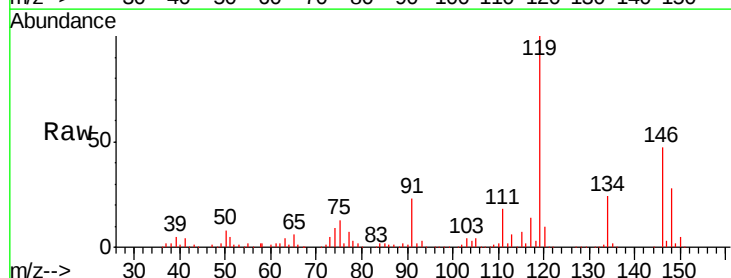
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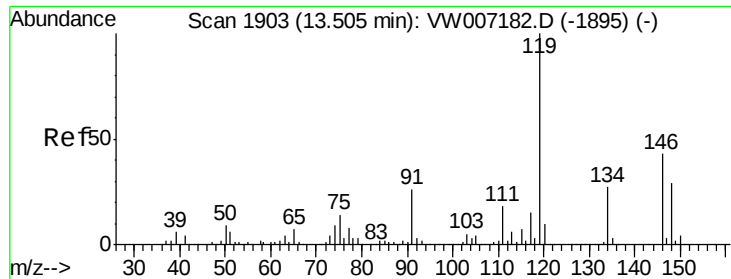
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#86
 p-Isopropyltoluene
 Concen: 19.199 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion:119 Resp: 115184
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.2 39.6
 91 23.3 12.4 37.2





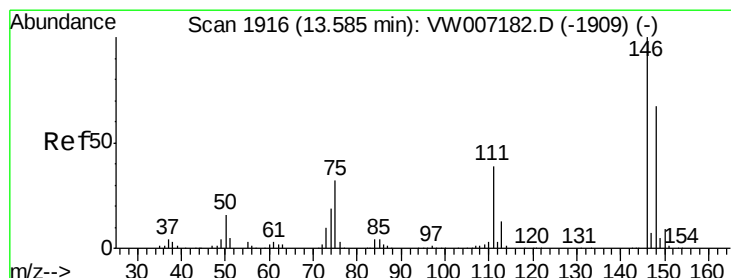
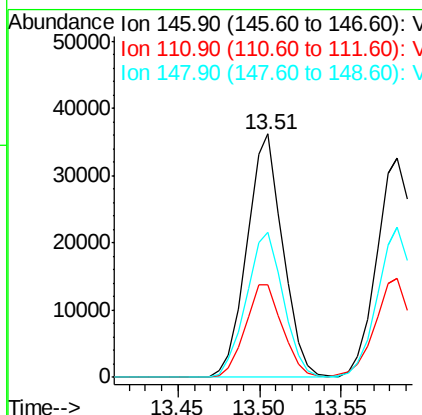
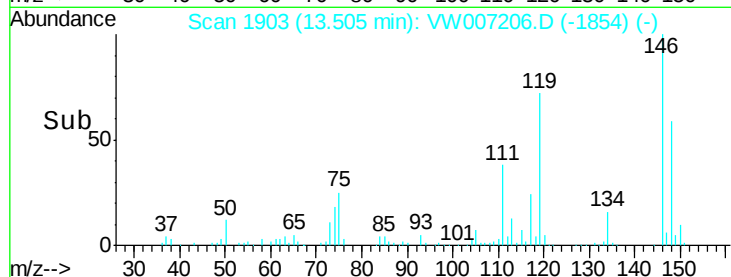
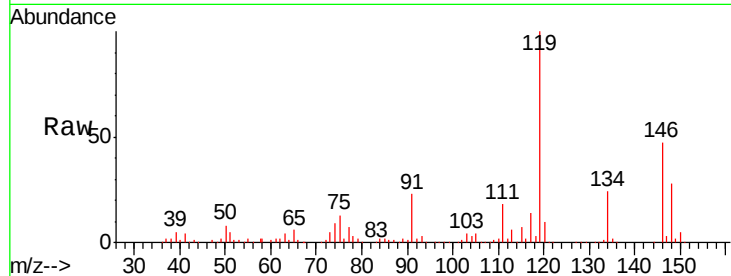
#87
 1,3-Dichlorobenzene
 Concen: 19.806 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.4
148	61.5	32.8	98.4

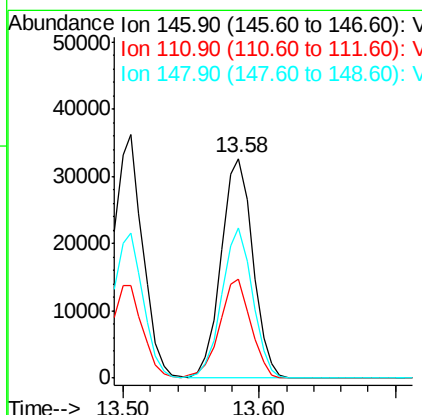
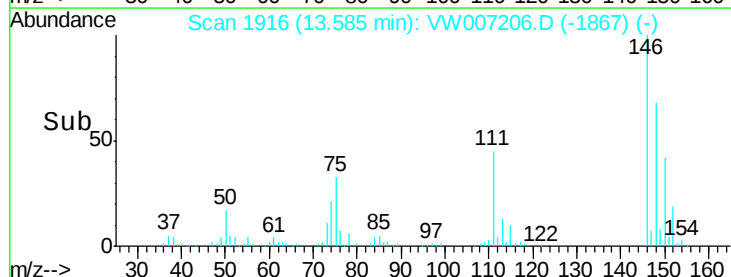
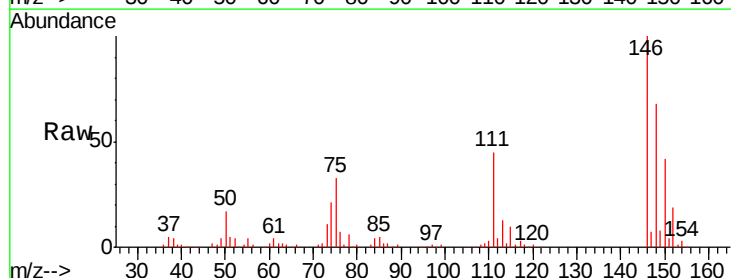
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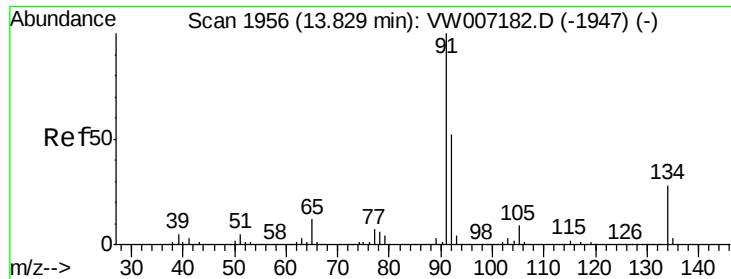
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#88
 1,4-Dichlorobenzene
 Concen: 18.728 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	19.6	58.8
148	66.5	32.6	98.0





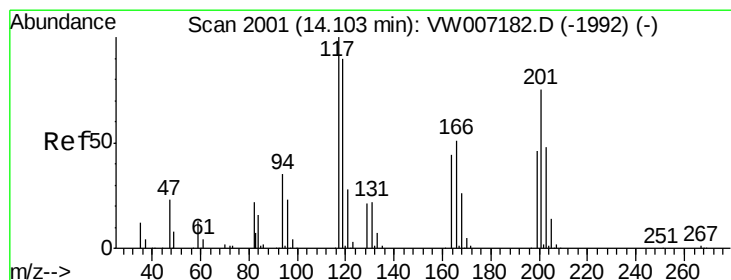
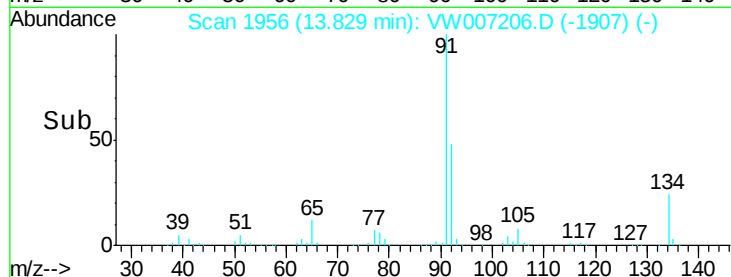
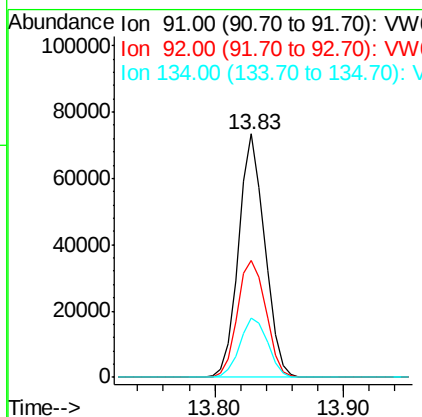
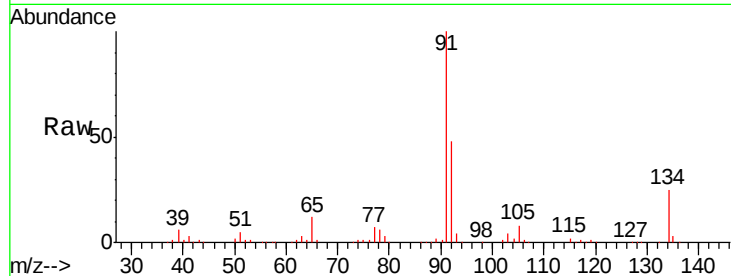
#89
n-Butylbenzene
Concen: 18.449 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	25.9	14.1	42.2

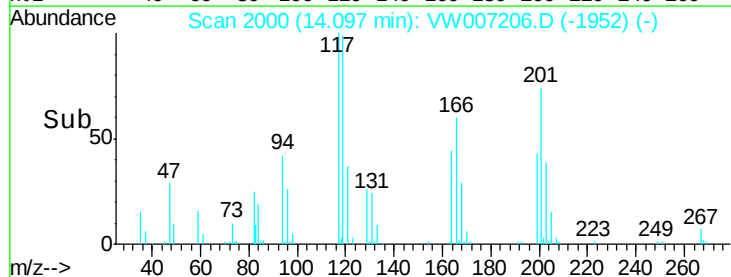
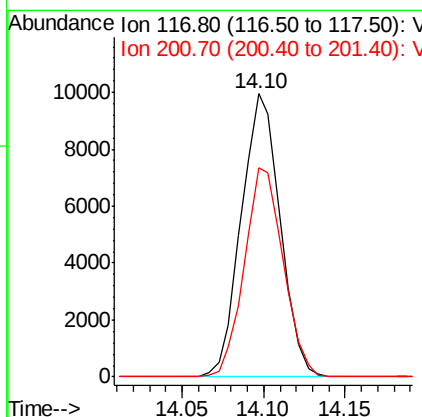
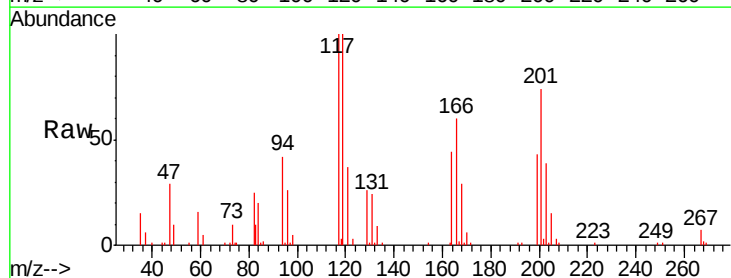
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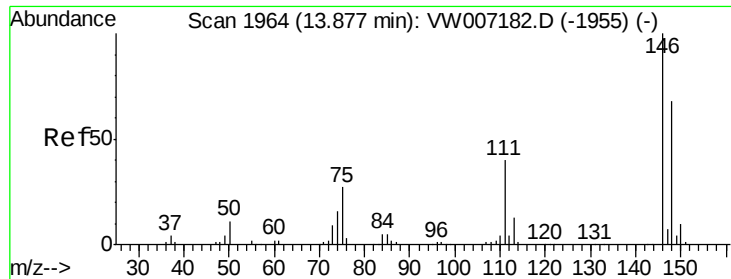
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#90
Hexachloroethane
Concen: 18.065 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.8	36.0	108.1





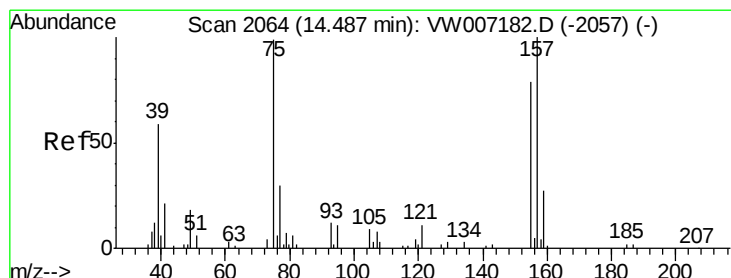
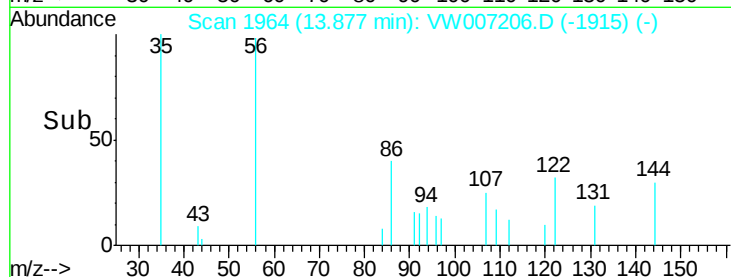
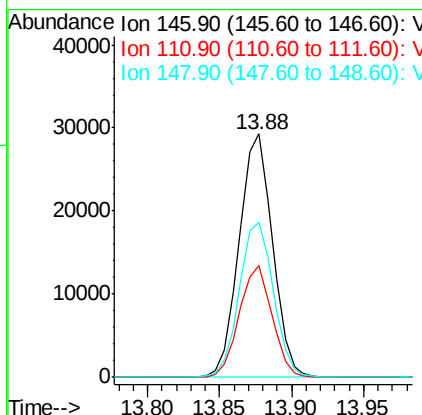
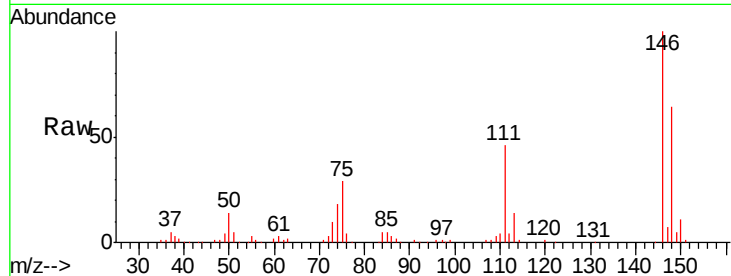
#91
 1,2-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.6	65.0
148	65.0	32.7	98.1

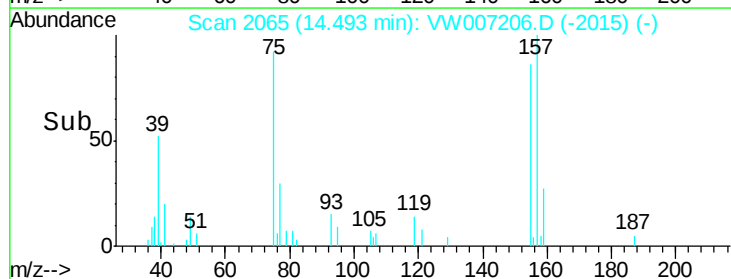
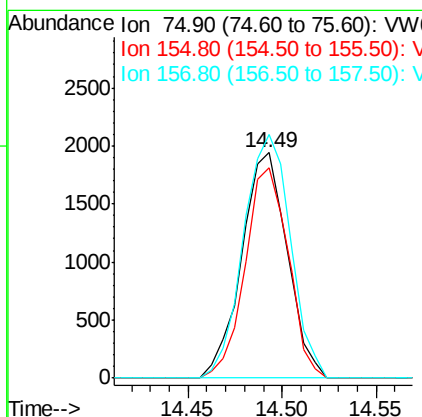
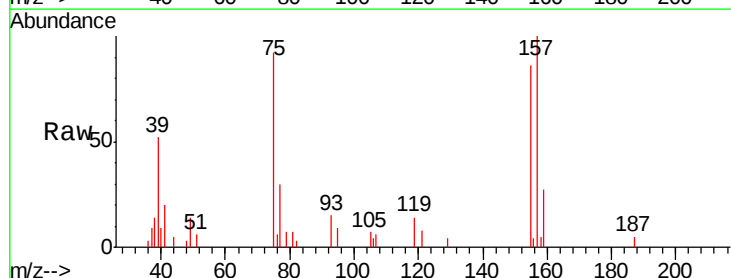
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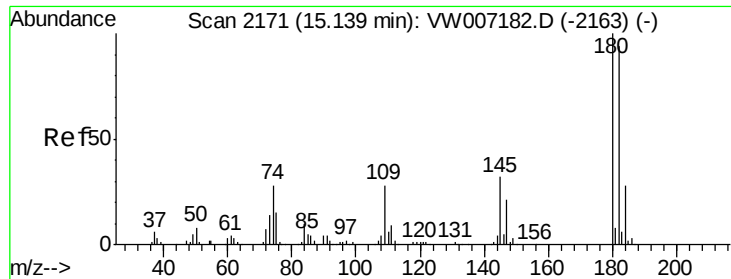
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.520 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	42.4	127.2
157	111.3	55.3	165.9





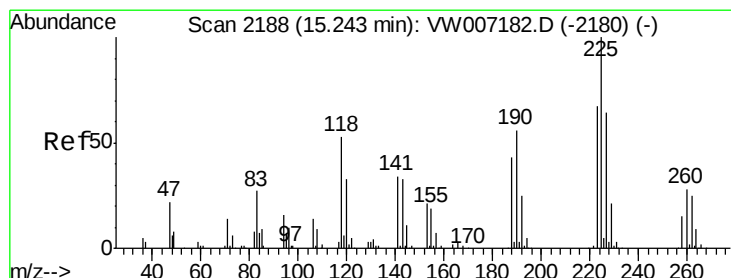
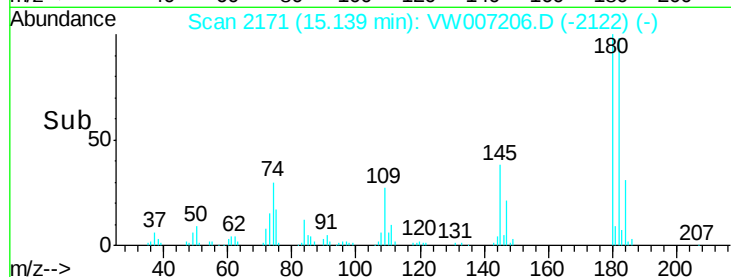
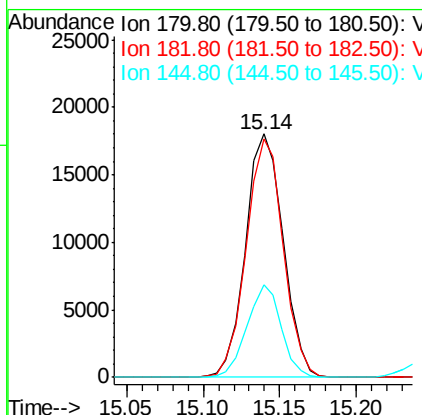
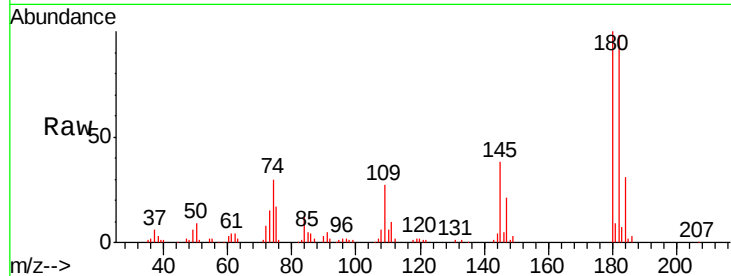
#93
 1,2,4-Trichlorobenzene
 Concen: 18.369 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	30836		
182	96.2	47.9	143.8	
145	34.4	16.6	49.7	

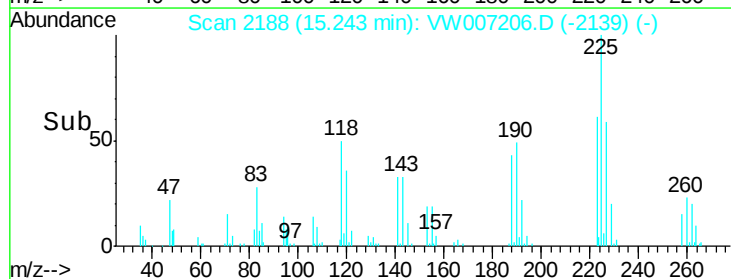
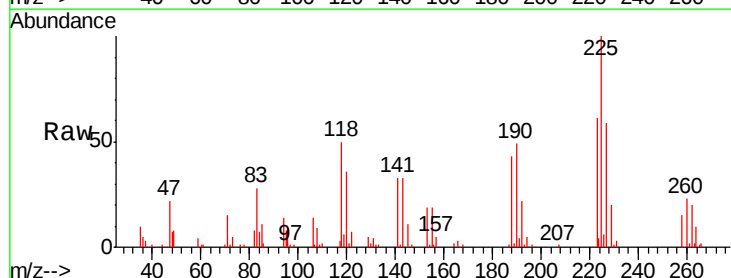
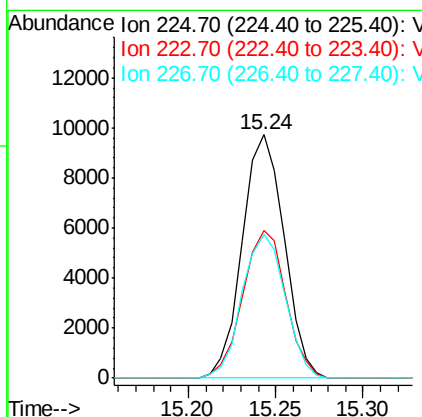
Manual Integrations
 APPROVED

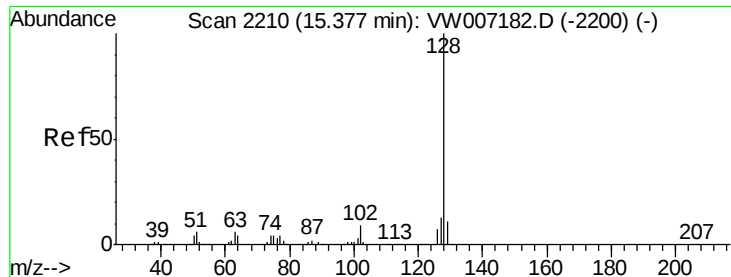
apatel
 12/5/2018 12:44:28 PM



#94
 Hexachlorobutadiene
 Concen: 17.915 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16217		
223	62.5	32.3	96.8	
227	60.5	32.1	96.3	





#95

Naphthalene

Concen: 20.456 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

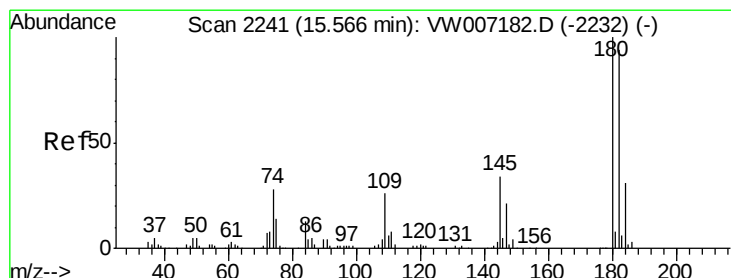
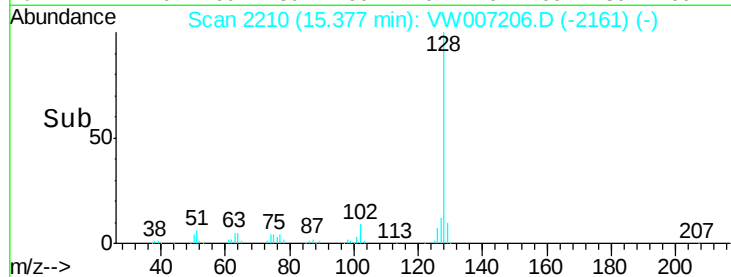
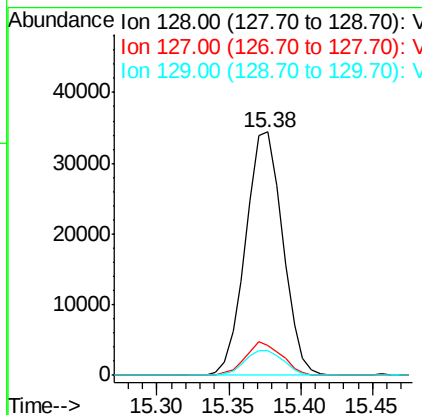
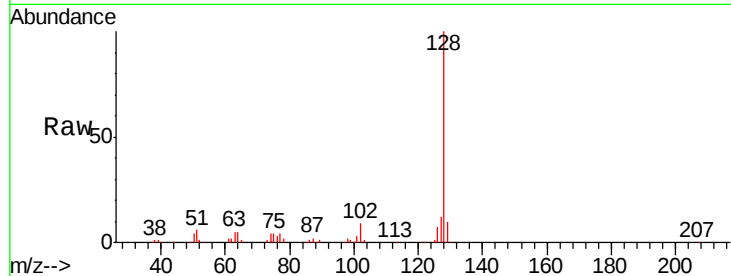
ClientSampleId :

VW1204SBSD02

Tgt Ion:	128	Resp:	61542
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
12/5/2018 12:44:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.399 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:	180	Resp:	26044
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	36.7	17.6	52.8

