

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007284.D
 Acq On : 06 Dec 2018 17:48
 Operator : SY/AP
 Sample : VW1206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Manual Integrations
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 12/7/2018 12:20:00 PM

Quant Time: Dec 06 18:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44351	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	7.89	113	41324	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.33	98	179740	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	67378	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	22641	22.117	ug/l	97
3) Chloromethane	2.22	50	23975	18.494	ug/l	94
4) Vinyl Chloride	2.35	62	16158	19.907	ug/l	96
5) Bromomethane	2.75	94	10189	25.051	ug/l	91
6) Chloroethane	2.91	64	9253	20.317	ug/l	92
7) Trichlorofluoromethane	3.26	101	34154	21.582	ug/l	95
8) Diethyl Ether	3.69	74	9343	21.181	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20239	21.172	ug/l	99
10) Methyl Iodide	4.28	142	13788	16.931	ug/l	99
11) Tert butyl alcohol	5.16	59	8413	88.984	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	18119	20.225	ug/l	96
13) Acrolein	3.90	56	5810	95.183	ug/l	97
14) Allyl chloride	4.68	41	27647	19.253	ug/l	96
15) Acrylonitrile	5.37	53	19028	103.186	ug/l	100
16) Acetone	4.13	43	19604	95.060	ug/l	96
17) Carbon Disulfide	4.38	76	59976	20.310	ug/l	99
18) Methyl Acetate	4.68	43	9947	21.131	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	43002	20.387	ug/l	97
20) Methylene Chloride	4.92	84	24260	20.257	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	20106	20.100	ug/l	94
22) Diisopropyl ether	6.32	45	52065	20.197	ug/l	97
23) Vinyl Acetate	6.26	43	143066	101.711	ug/l	99
24) 1,1-Dichloroethane	6.22	63	33416	20.225	ug/l	97
25) 2-Butanone	7.18	43	23243	97.226	ug/l	97
26) 2,2-Dichloropropane	7.17	77	33161	20.885	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	21647	20.187	ug/l	99
28) Bromochloromethane	7.52	49	12069	20.258	ug/l	98
29) Tetrahydrofuran	7.53	42	14826	100.360	ug/l	99
30) Chloroform	7.68	83	34889	20.318	ug/l	95
31) Cyclohexane	7.96	56	35234	20.381	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	34040	21.065	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29056	21.206	ug/l	100
37) Ethyl Acetate	7.26	43	10427	21.038	ug/l	98
38) Carbon Tetrachloride	8.07	117	29329	20.971	ug/l	90

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37805	20.611	ug/l	97
40) Benzene	8.32	78	77609	20.656	ug/l	99
41) Methacrylonitrile	7.48	41	6464	21.773	ug/l	93
42) 1,2-Dichloroethane	8.40	62	23092	21.991	ug/l	100
43) Isopropyl Acetate	8.43	43	20690	21.493	ug/l	99
44) Trichloroethene	9.10	130	22678	21.473	ug/l	95
45) 1,2-Dichloropropane	9.37	63	18146	20.754	ug/l	99
46) Dibromomethane	9.46	93	9694	21.337	ug/l	97
47) Bromodichloromethane	9.65	83	25718	21.520	ug/l	97
48) Methyl methacrylate	9.44	41	11007	22.031	ug/l	98
49) 1,4-Dioxane	9.45	88	3237	407.848	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	49493	104.331	ug/l	98
52) Toluene	10.39	92	54765	20.954	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25990	21.631	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	29140	20.694	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13807	21.365	ug/l	94
56) Ethyl methacrylate	10.65	69	17240	20.451	ug/l	97
57) 1,3-Dichloropropane	10.93	76	22875	20.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	39545	116.789	ug/l	99
59) 2-Hexanone	10.97	43	37133	107.980	ug/l	96
60) Dibromochloromethane	11.13	129	16473	20.739	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13088	21.115	ug/l	100
64) Tetrachloroethene	10.87	164	19752	20.722	ug/l	97
65) Chlorobenzene	11.66	112	58587	20.107	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	18491	20.549	ug/l	99
67) Ethyl Benzene	11.73	91	101739	19.158	ug/l	99
68) m/p-Xylenes	11.84	106	80814	38.790	ug/l	90
69) o-Xylene	12.17	106	38907	19.989	ug/l	94
70) Styrene	12.18	104	63052	19.789	ug/l	95
71) Bromoform	12.35	173	9249	20.532	ug/l #	98
73) Isopropylbenzene	12.47	105	105498	19.031	ug/l	98
74) N-amyl acetate	12.27	43	19492	19.832	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	14571	20.239	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	9219m	17.468	ug/l	
77) Bromobenzene	12.75	156	23201	19.389	ug/l	98
78) n-propylbenzene	12.80	91	127715	19.338	ug/l	97
79) 2-Chlorotoluene	12.90	91	72549	19.452	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	91756	19.348	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	4813	19.656	ug/l	93
82) 4-Chlorotoluene	12.99	91	80647	20.326	ug/l	95
83) tert-Butylbenzene	13.21	119	81019	19.549	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	93517	19.318	ug/l	96
85) sec-Butylbenzene	13.39	105	111977	18.926	ug/l	100
86) p-Isopropyltoluene	13.51	119	108918	20.680	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	48309	19.666	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	47658	19.207	ug/l	96
89) n-Butylbenzene	13.83	91	95526	19.409	ug/l	98
90) Hexachloroethane	14.10	117	14768	18.400	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	42783	20.118	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2830	20.291	ug/l	96

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ClientSampleId :
VW1206SBSD01

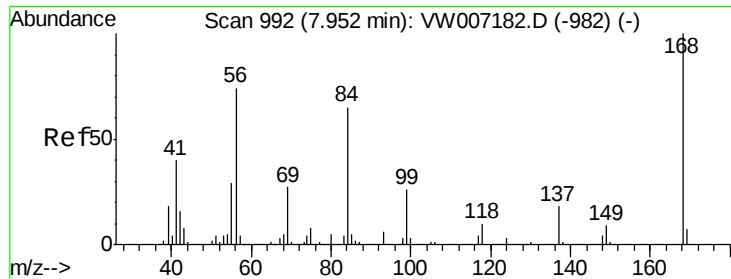
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30698	20.830	ug/l	94
94) Hexachlorobutadiene	15.24	225	16415	20.655	ug/l	100
95) Naphthalene	15.38	128	52294	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25013	20.128	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: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion:168 Resp: 93566

Ion Ratio Lower Upper

168 100

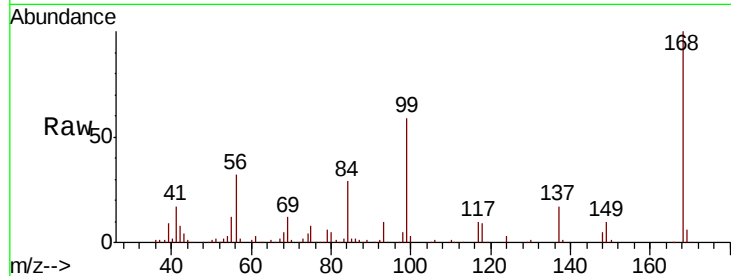
99 59.2 47.8 71.8

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

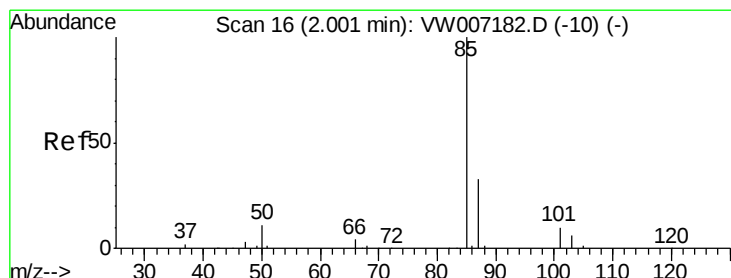
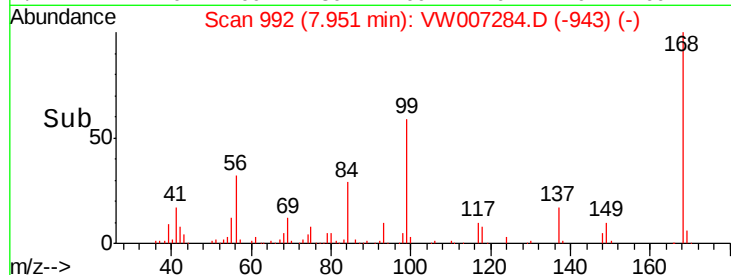
20000

10000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.117 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007284.D

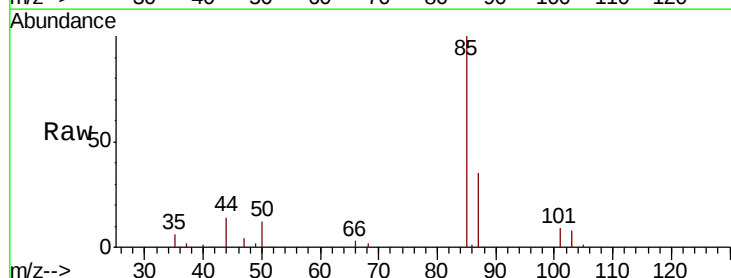
Acq: 06 Dec 2018 17:48

Tgt Ion: 85 Resp: 22641

Ion Ratio Lower Upper

85 100

87 34.7 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

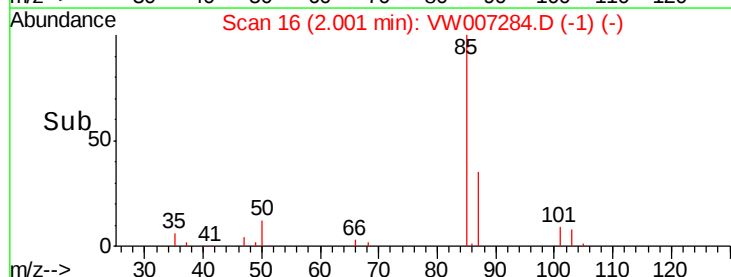
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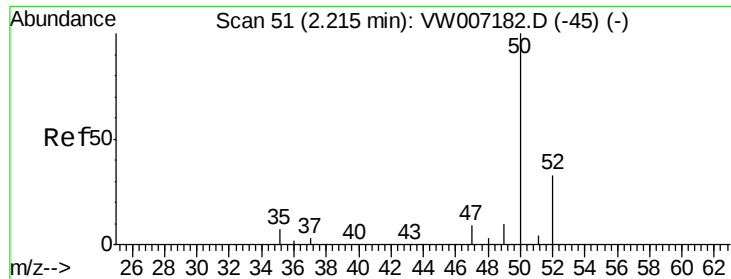
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 18.494 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 50 Resp: 23975

Ion Ratio Lower Upper

50 100

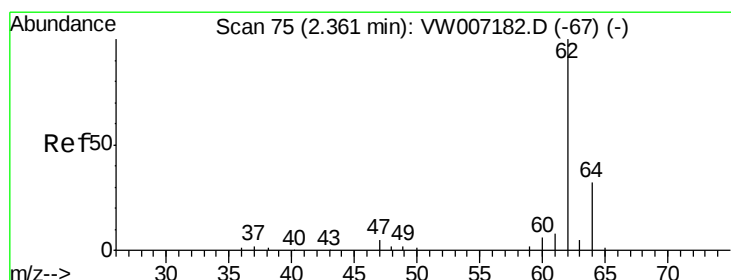
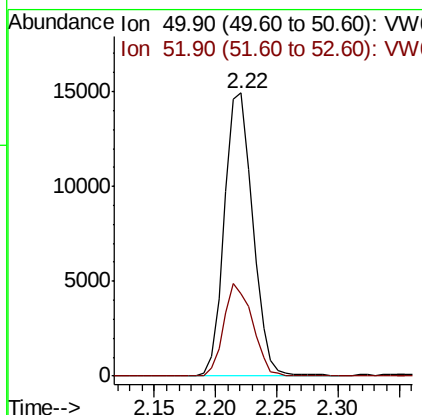
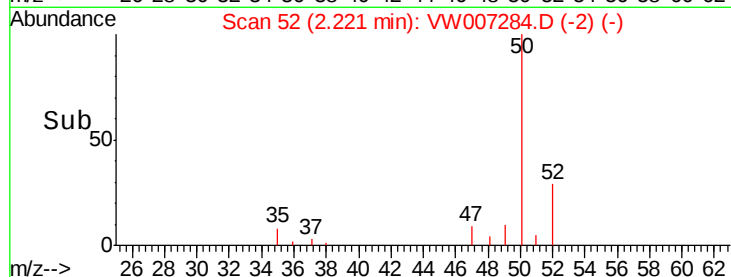
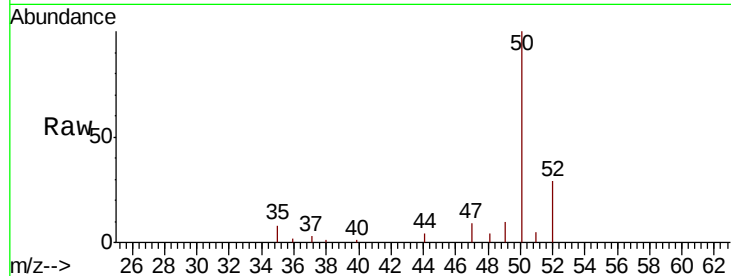
52 29.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.907 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007284.D

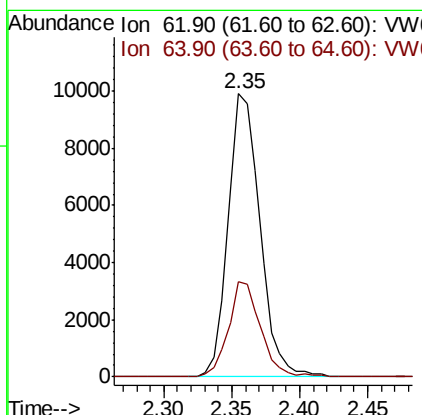
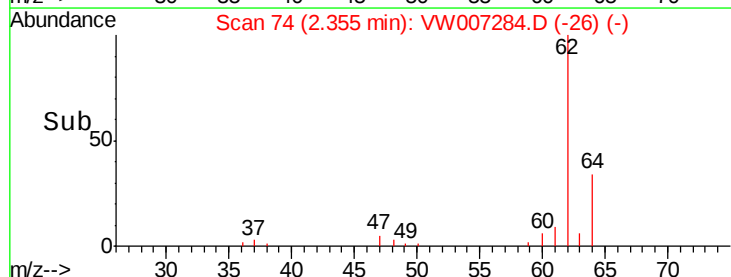
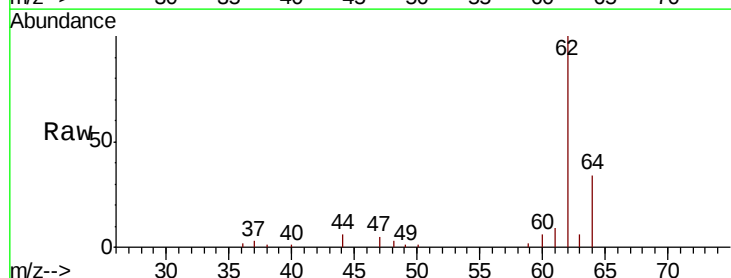
Acq: 06 Dec 2018 17:48

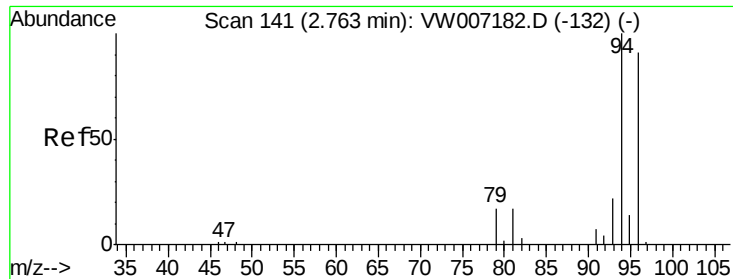
Tgt Ion: 62 Resp: 16158

Ion Ratio Lower Upper

62 100

64 33.7 25.3 37.9





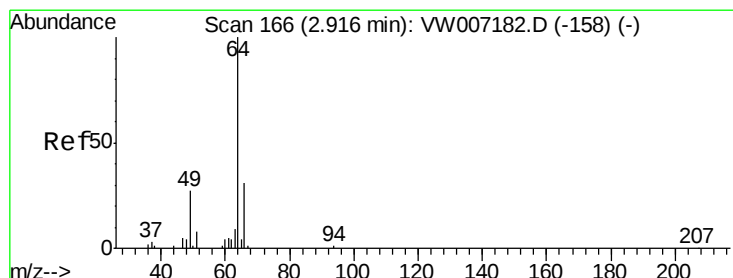
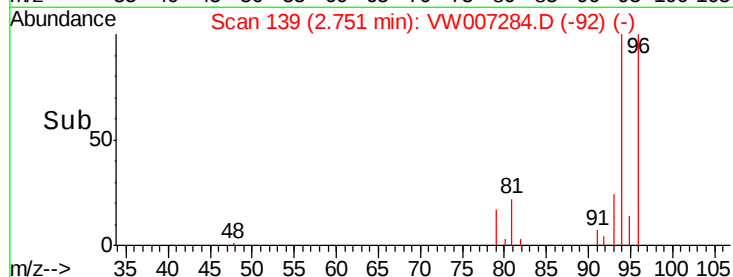
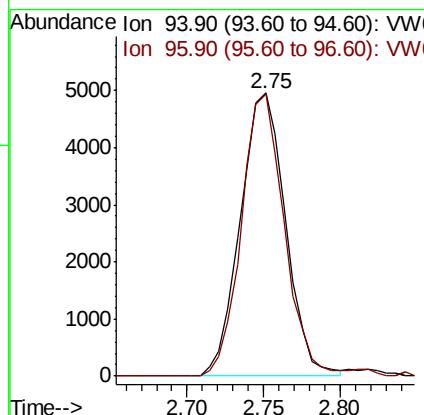
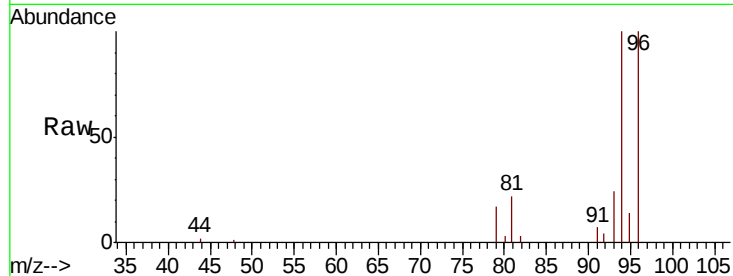
#5
Bromomethane
Concen: 25.051 ug/l
RT: 2.75 min Scan# 139
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
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Tot Ion: 94 Resp: 10189
Ion Ratio Lower Upper
94 100
96 99.7 72.8 109.2

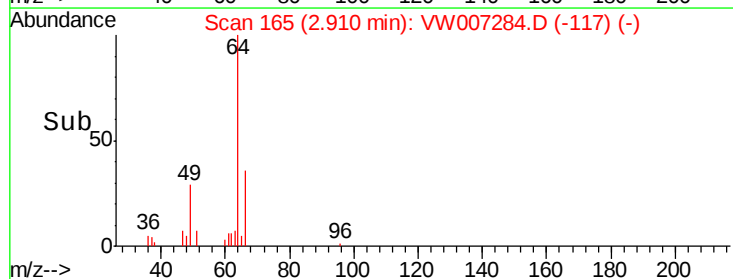
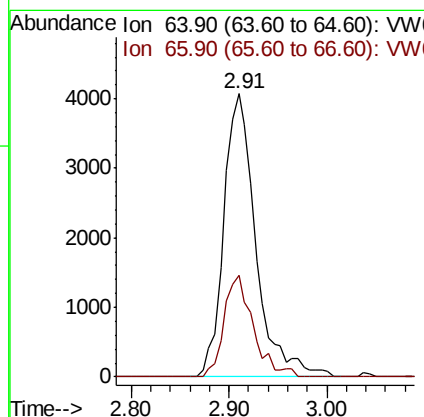
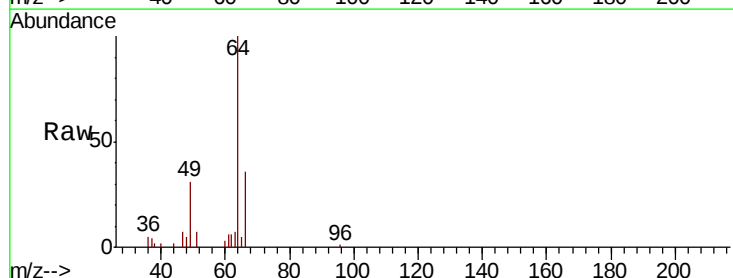
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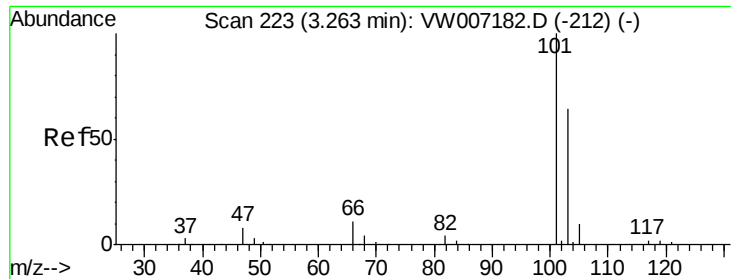
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#6
Chloroethane
Concen: 20.317 ug/l
RT: 2.91 min Scan# 165
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 64 Resp: 9253
Ion Ratio Lower Upper
64 100
66 35.8 25.0 37.6





#7

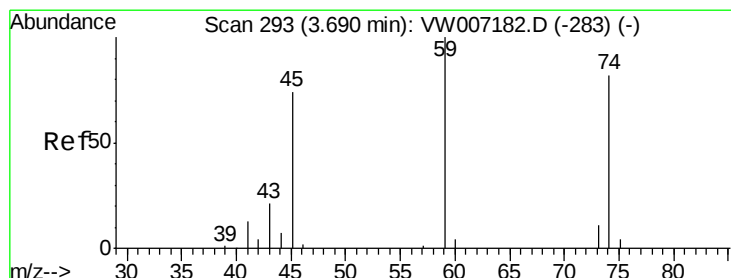
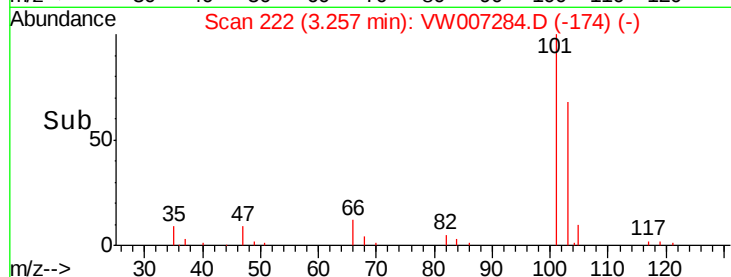
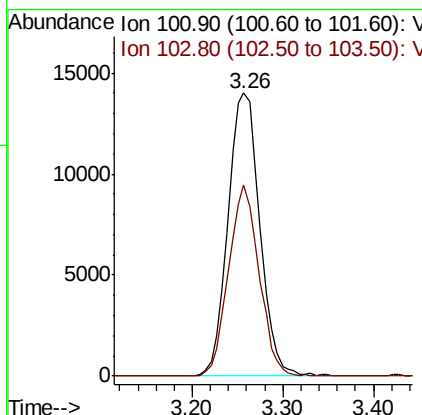
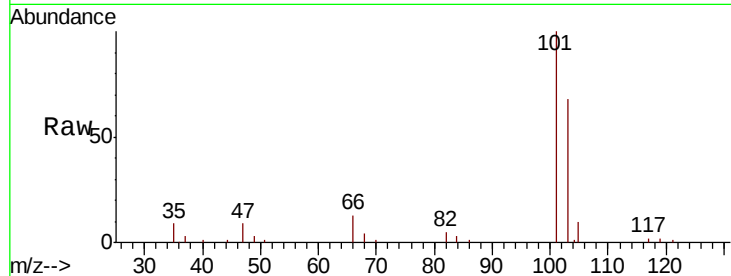
Trichlorofluoromethane
 Concen: 21.582 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
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 VW1206SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		34154		
103	67.6	50.9	76.3		

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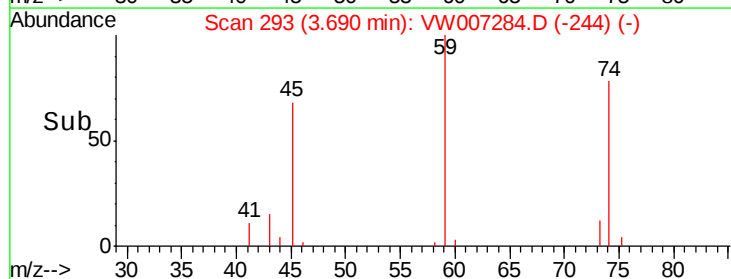
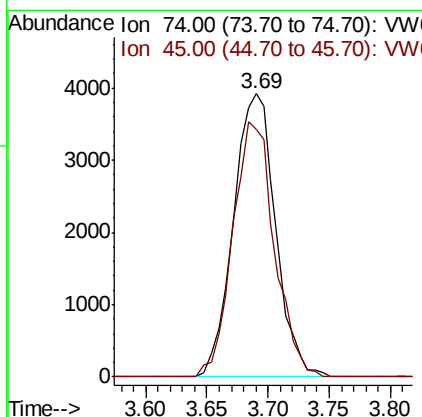
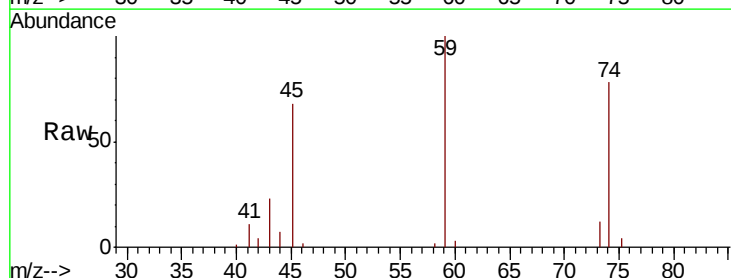
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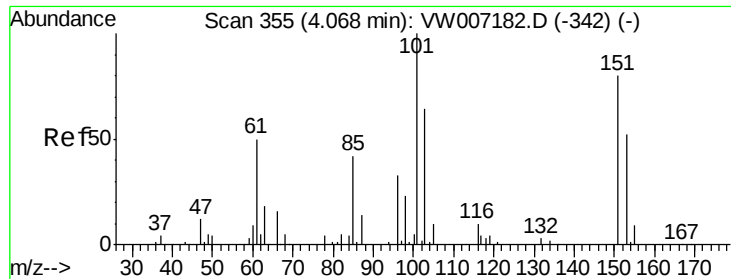


#8

Diethyl Ether
 Concen: 21.181 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		9343		
45	89.2	47.2	141.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.172 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007284.D

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Instrument :

MSVOA_W

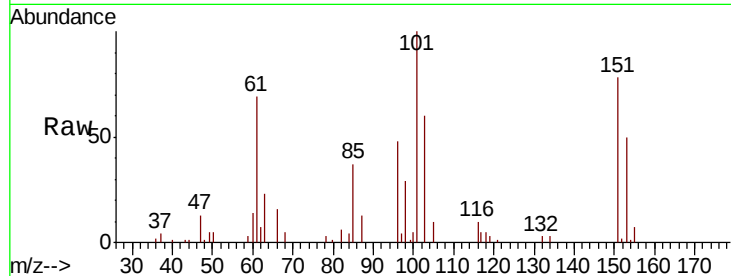
ClientSampleId :

VW1206SBS01

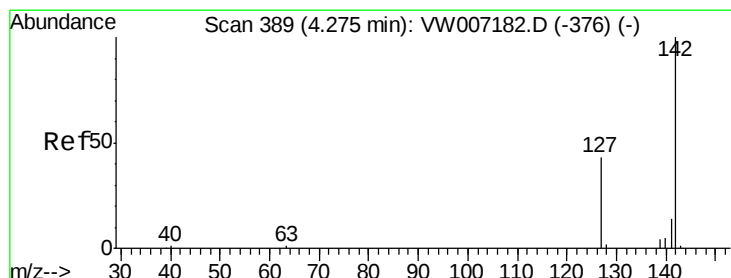
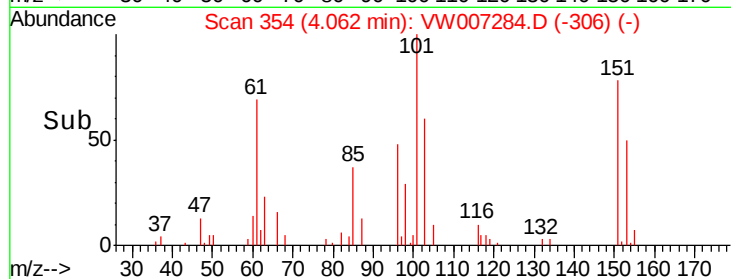
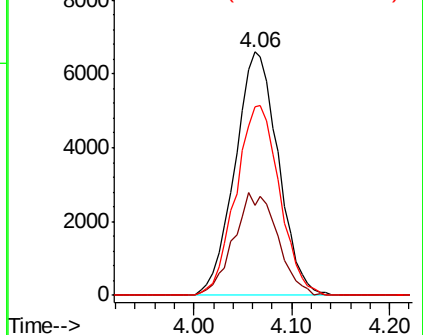
Tot Ion:	101	Resp:	20239
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.4	50.2
151	78.7	63.9	95.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.931 ug/l

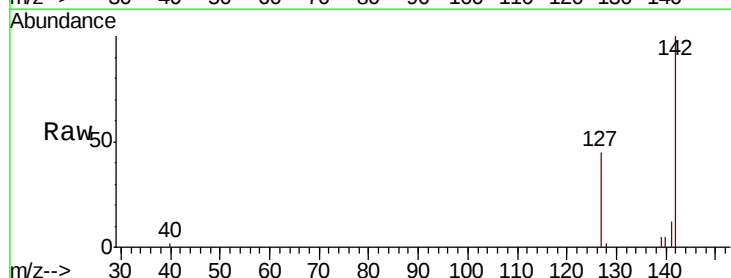
RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

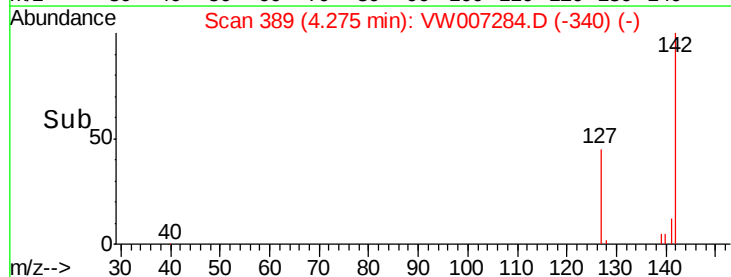
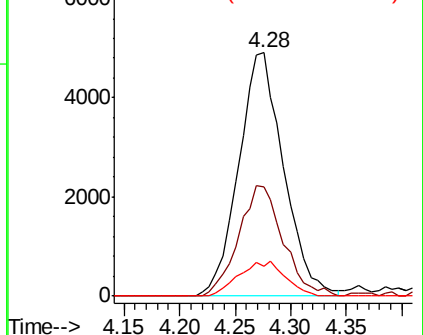
Lab File: VW007284.D

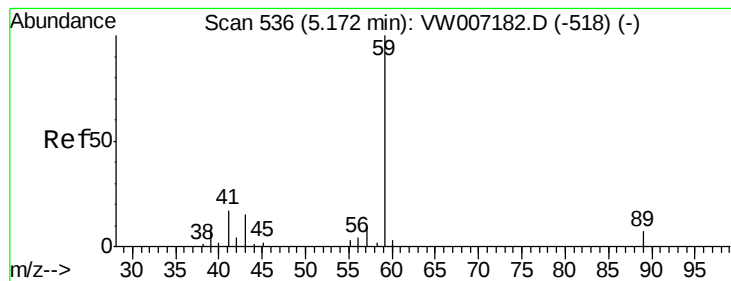
Acq: 06 Dec 2018 17:48

Tgt Ion:	142	Resp:	13788
Ion Ratio	Lower	Upper	
142	100		
127	44.7	34.9	52.3
141	14.6	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

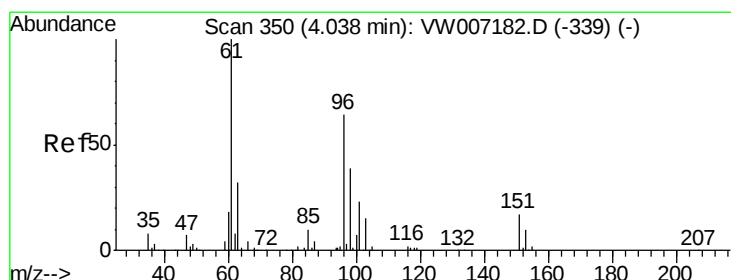
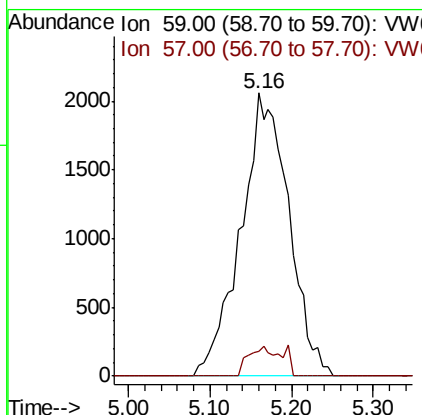
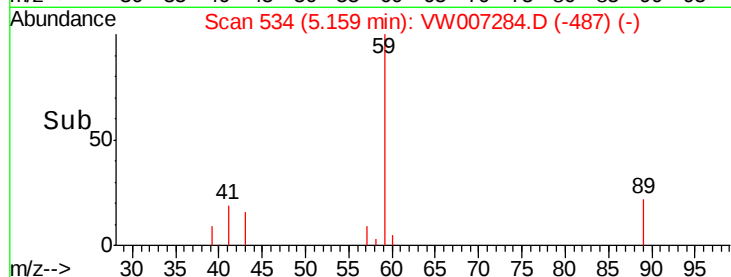
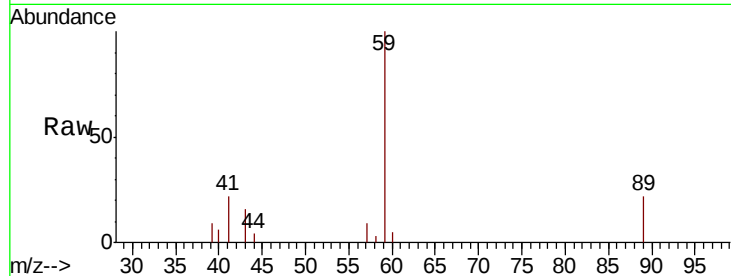
Tert butyl alcohol
 Concen: 88.984 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.1	7.1	10.7#

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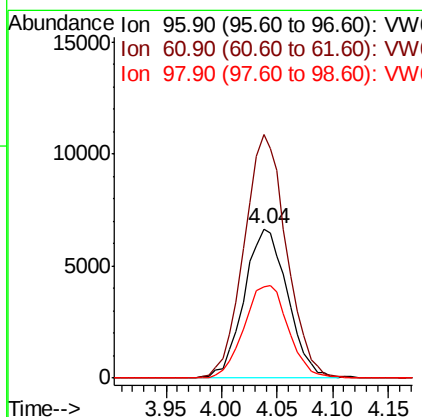
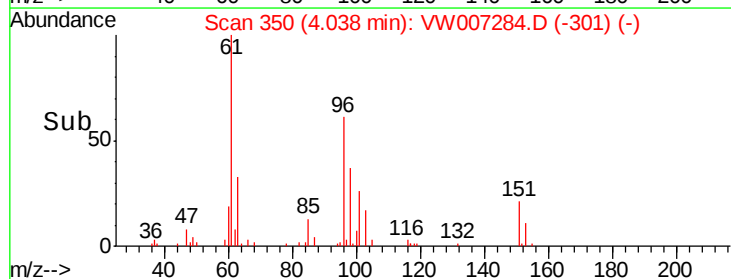
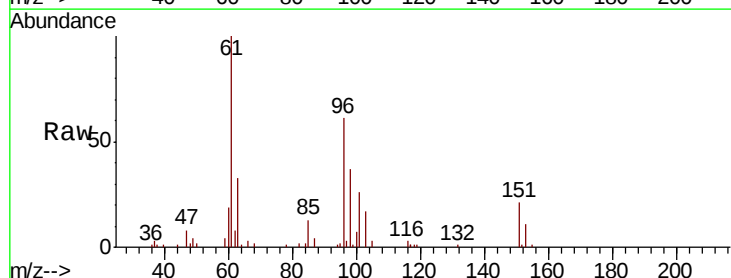
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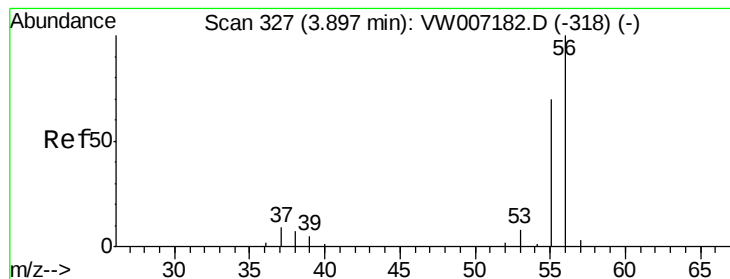


#12

1,1-Dichloroethene
 Concen: 20.225 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	124.1	186.1
98	60.9	48.6	72.8





#13

Acrolein

Concen: 95.183 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 56 Resp: 5810

Ion Ratio Lower Upper

56 100

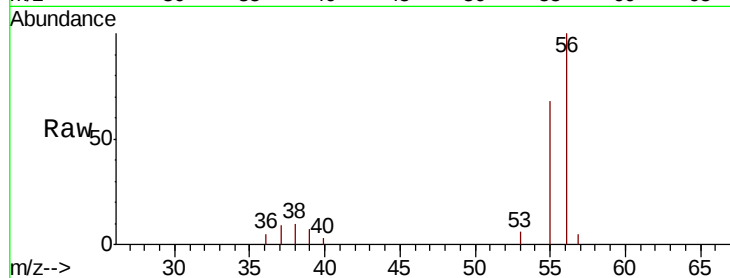
55 73.6 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

2500

2000

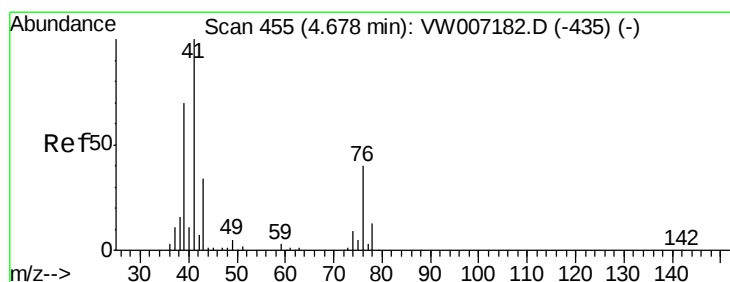
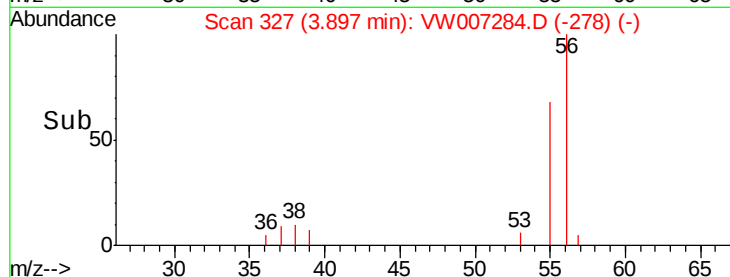
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 19.253 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

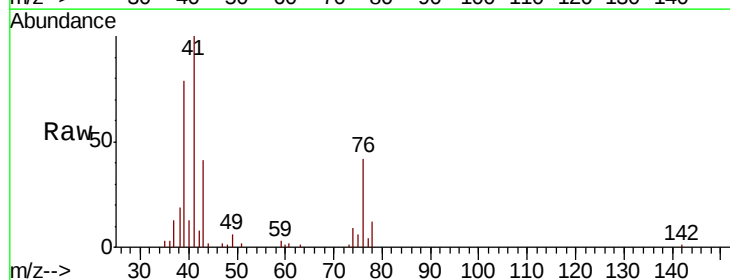
Tgt Ion: 41 Resp: 27647

Ion Ratio Lower Upper

41 100

39 74.7 55.9 83.9

76 38.1 30.8 46.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.68

10000

8000

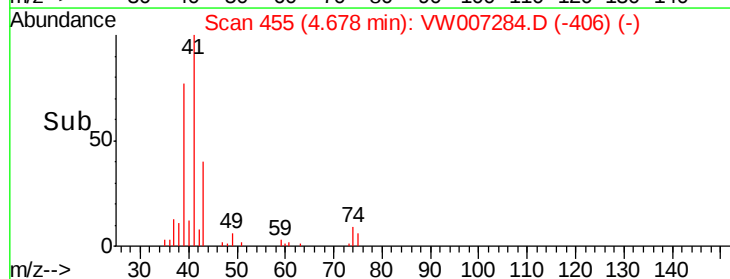
6000

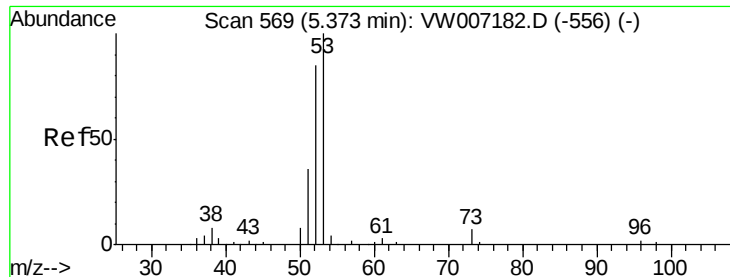
4000

2000

0

Time-->





#15

Acrylonitrile

Concen: 103.186 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

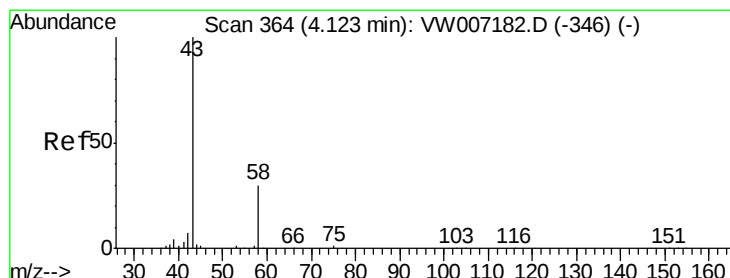
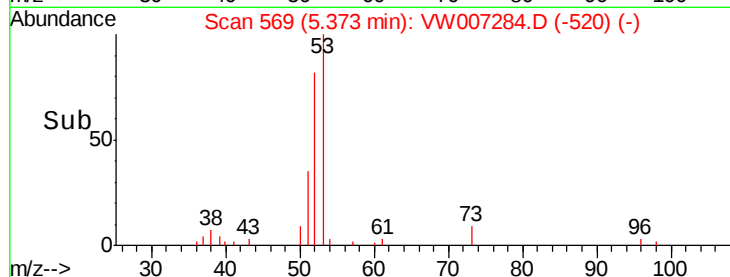
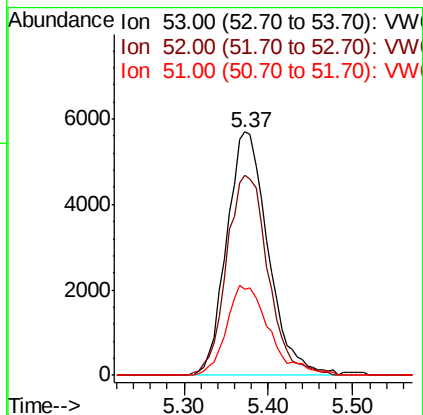
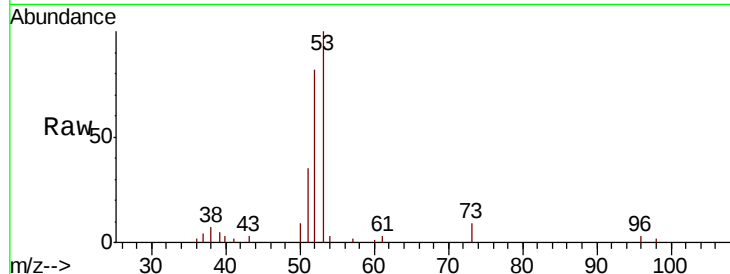
ClientSampleId :

VW1206SBS01

Tot Ion:	53	Resp:	19028
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	38.3	30.3	45.5

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#16

Acetone

Concen: 95.060 ug/l

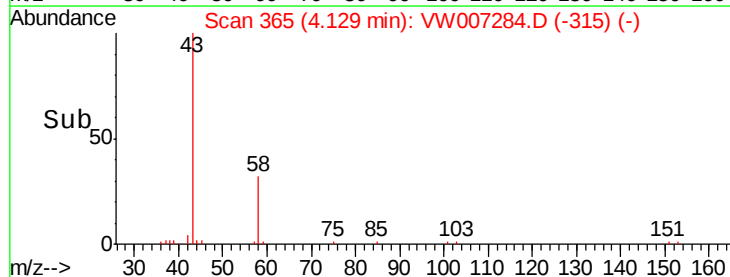
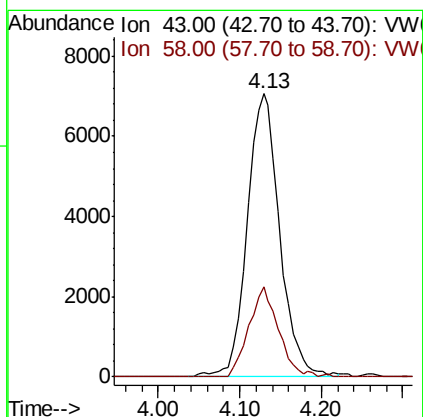
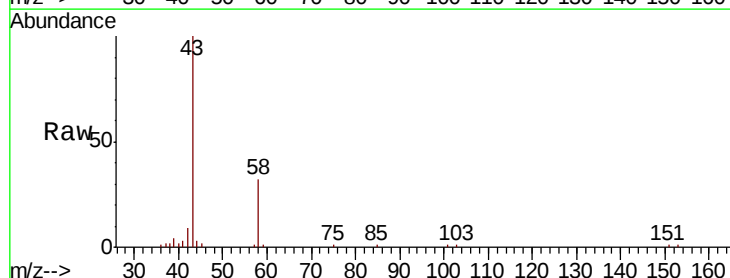
RT: 4.13 min Scan# 365

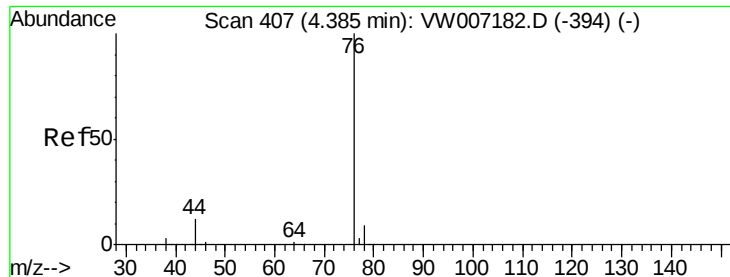
Delta R.T. 0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	43	Resp:	19604
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.8	35.8





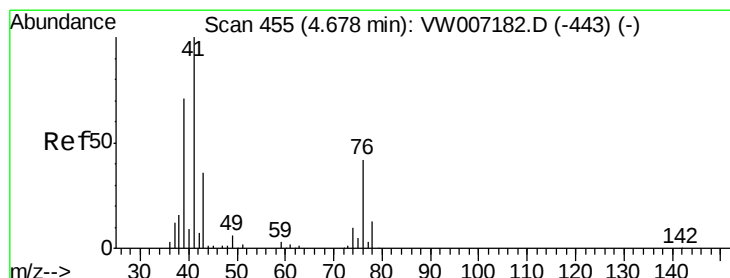
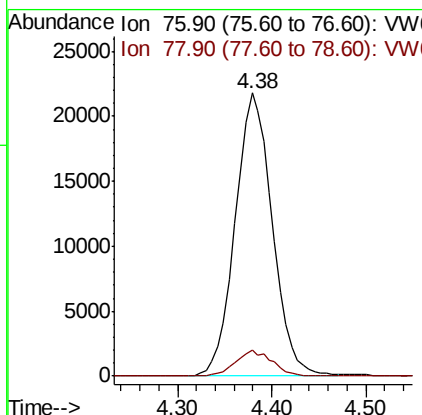
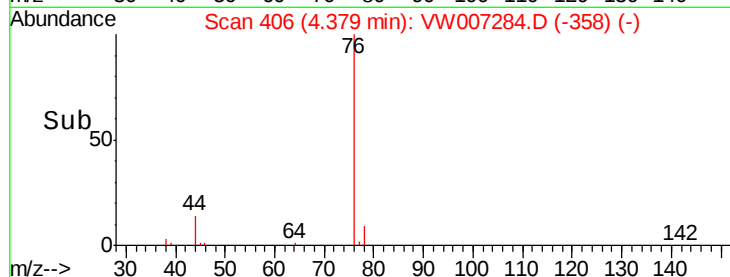
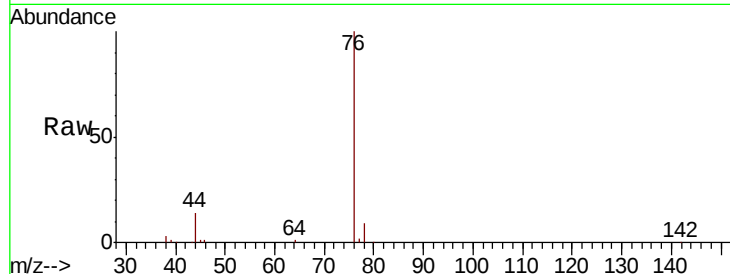
#17
Carbon Disulfide
Concen: 20.310 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion: 76 Resp: 59976
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

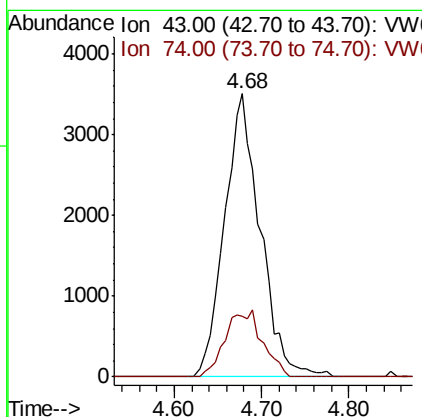
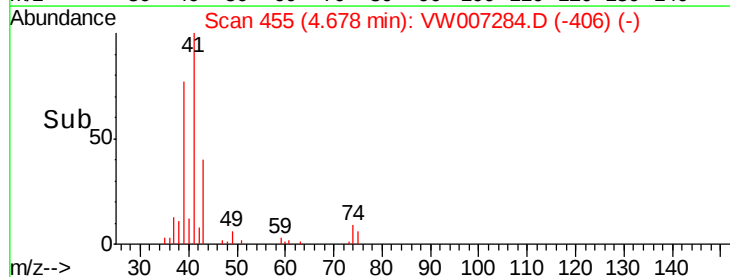
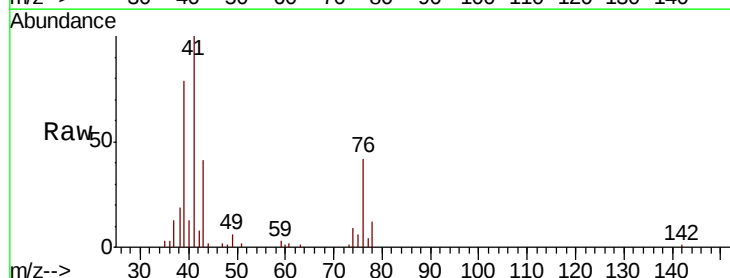
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#18
Methyl Acetate
Concen: 21.131 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 43 Resp: 9947
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1





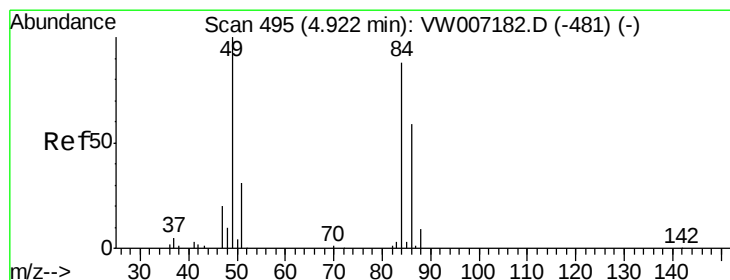
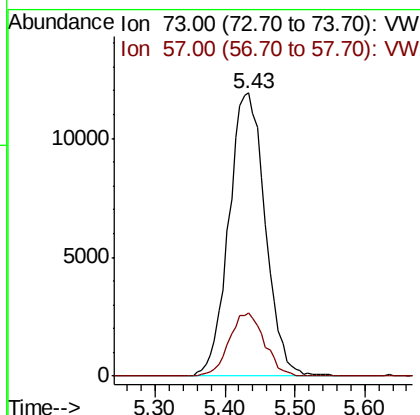
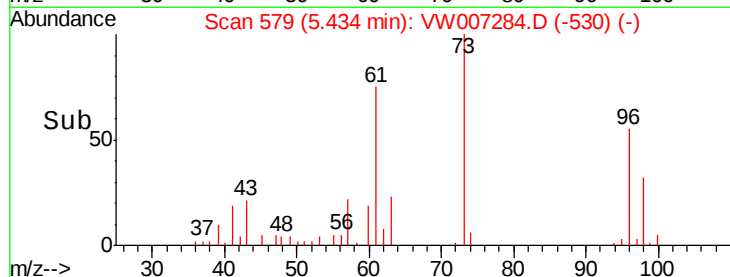
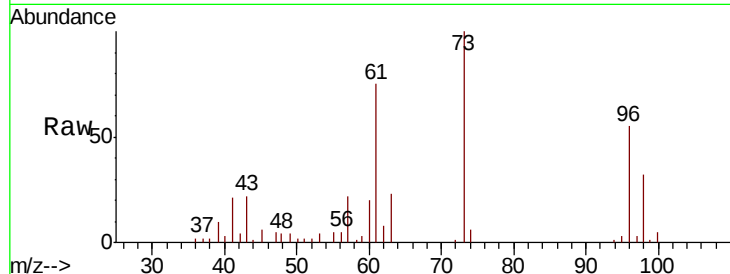
#19
Methyl tert-butyl Ether
Concen: 20.387 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion: 73 Resp: 43002
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0

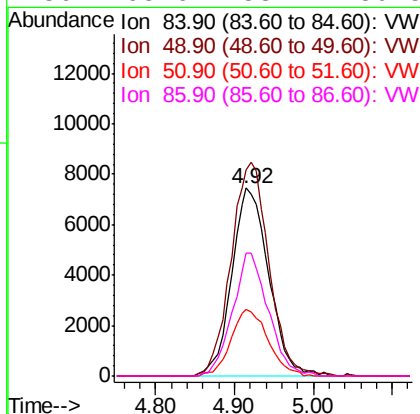
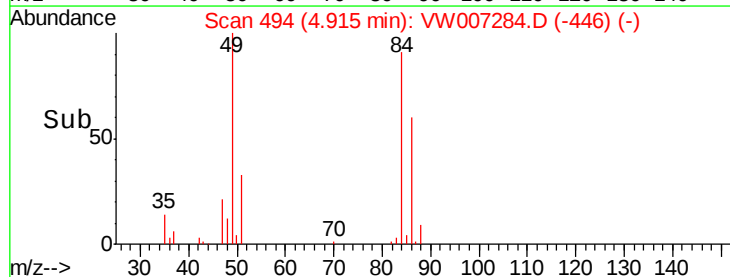
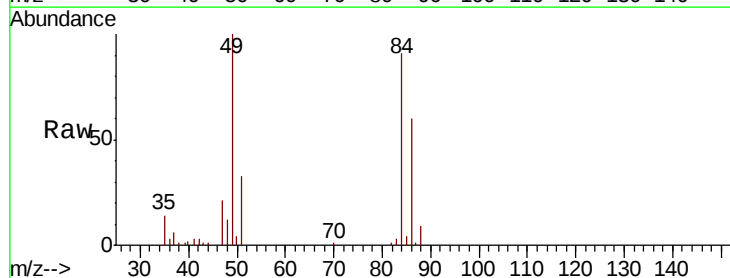
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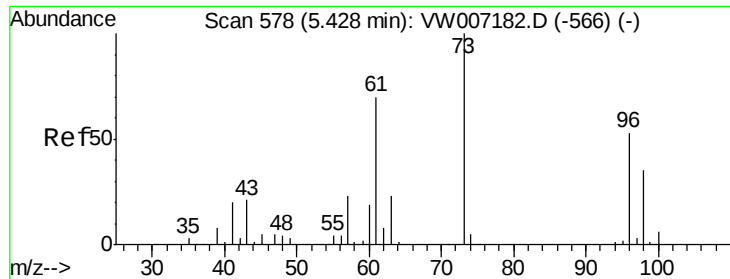
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#20
Methylene Chloride
Concen: 20.257 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 84 Resp: 24260
Ion Ratio Lower Upper
84 100
49 109.7 90.6 135.8
51 35.7 27.6 41.4
86 65.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.100 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

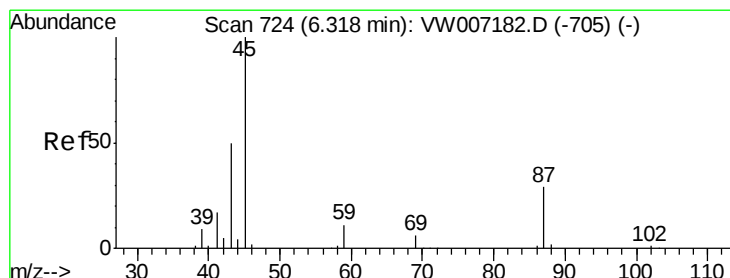
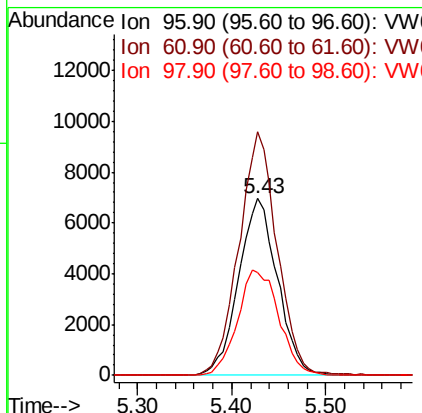
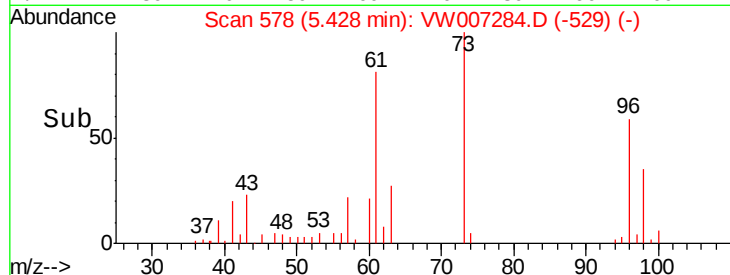
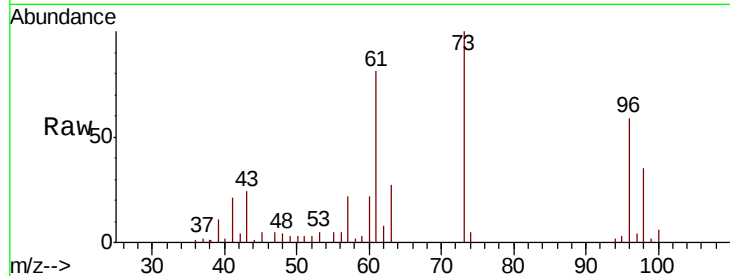
ClientSampleId :

VW1206SBS01

Tot Ion:	96	Resp:	20106
Ion	Ratio	Lower	Upper
96	100		
61	137.7	105.5	158.3
98	58.5	52.6	79.0

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#22

Diisopropyl ether

Concen: 20.197 ug/l

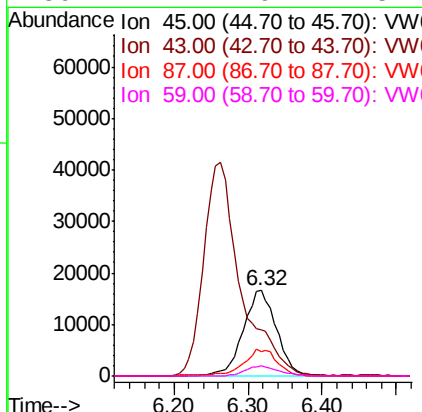
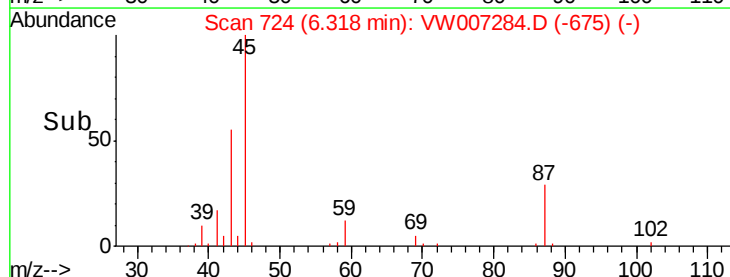
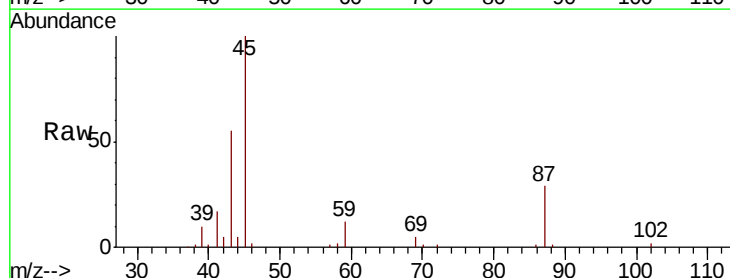
RT: 6.32 min Scan# 724

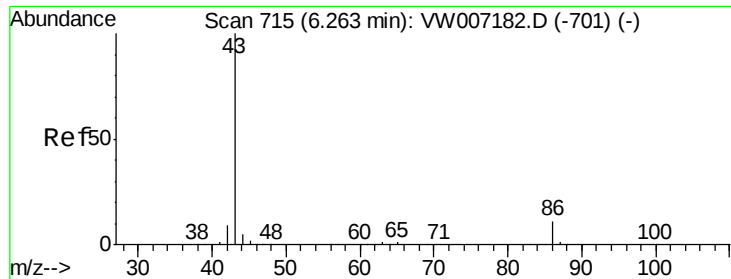
Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	45	Resp:	52065
Ion	Ratio	Lower	Upper
45	100		
43	53.7	40.8	61.2
87	28.8	24.0	36.0
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 101.711 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 43 Resp: 143066

Ion Ratio Lower Upper

43 100

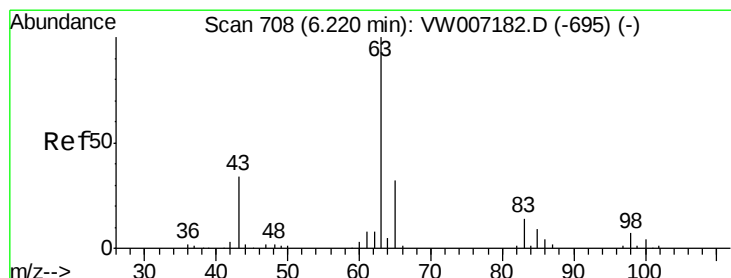
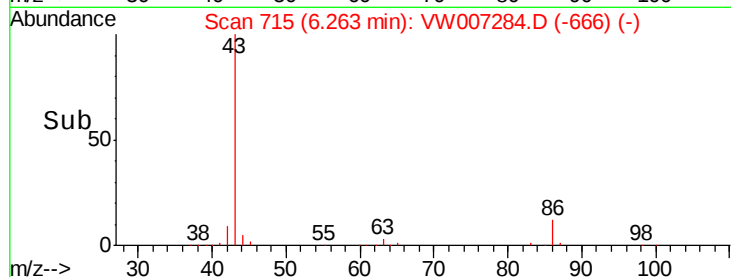
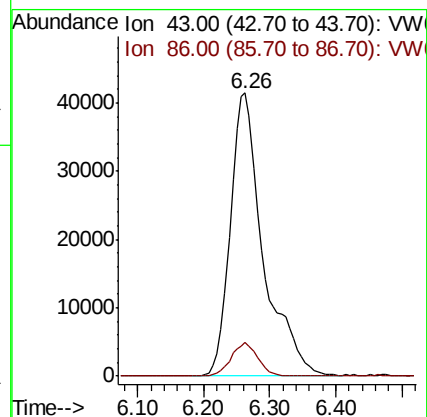
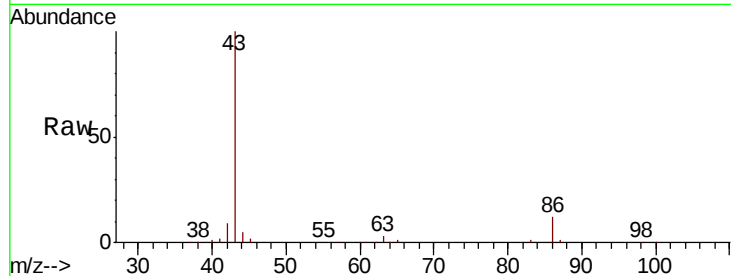
86 11.8 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.225 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

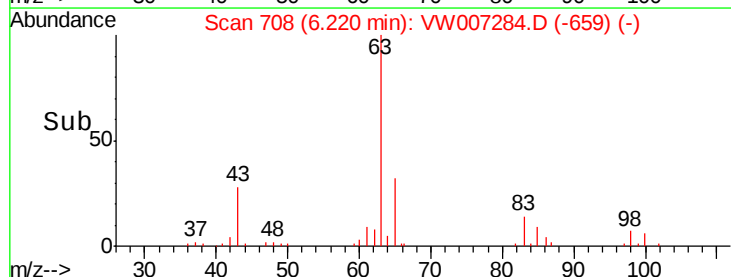
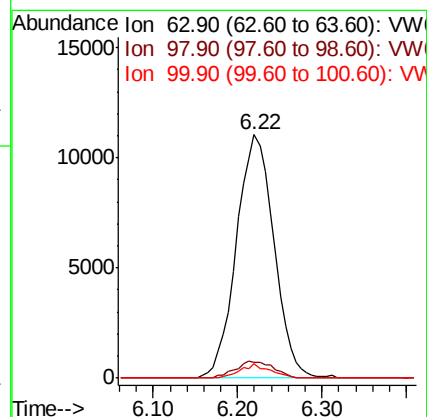
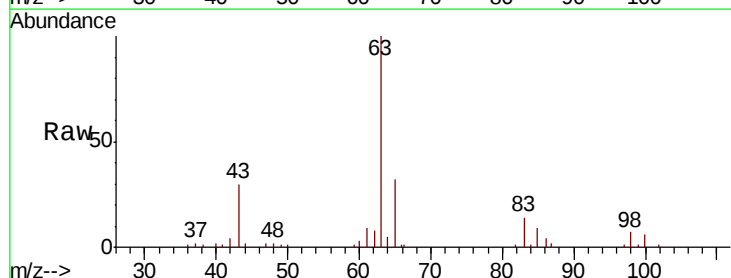
Tgt Ion: 63 Resp: 33416

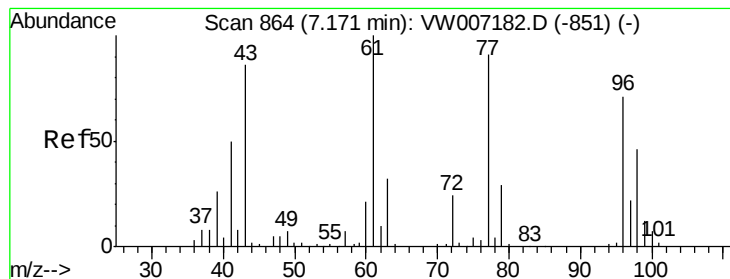
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 5.8 2.1 6.2





#25

2-Butanone

Concen: 97.226 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 43 Resp: 23243

Ion Ratio Lower Upper

43 100

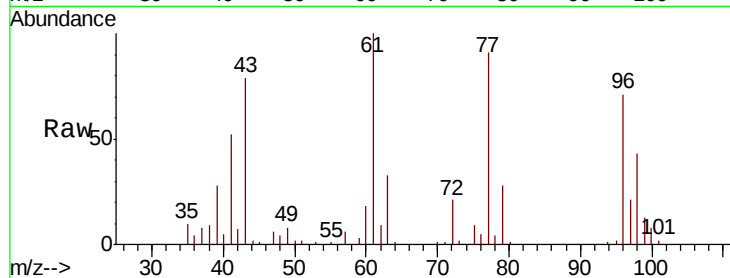
72 27.1 22.8 34.2

Manual Integrations

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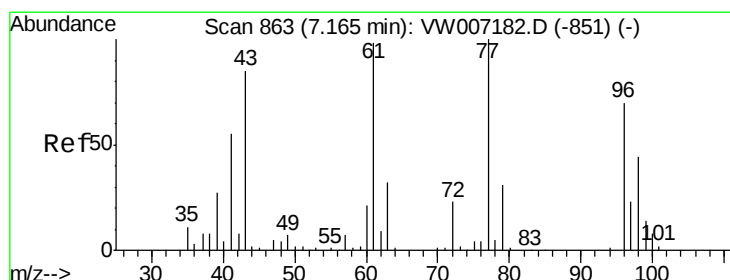
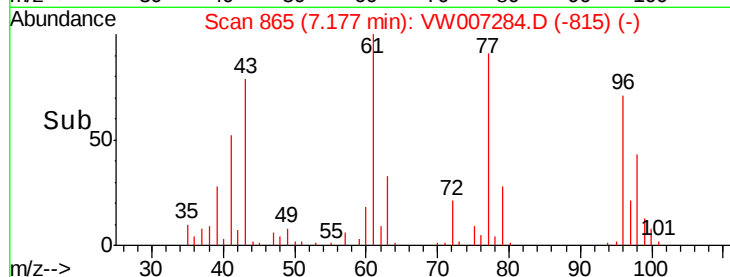
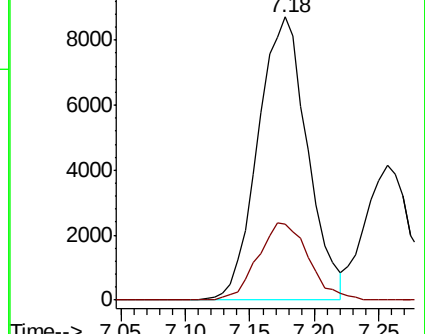
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 20.885 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007284.D

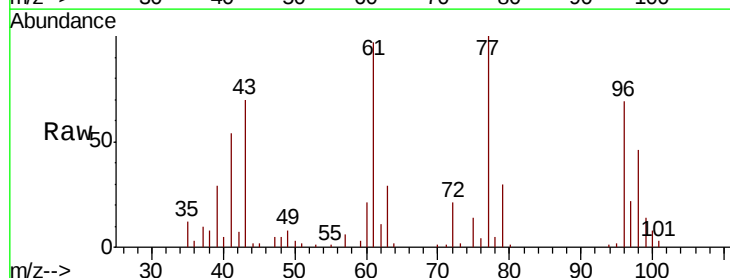
Acq: 06 Dec 2018 17:48

Tgt Ion: 77 Resp: 33161

Ion Ratio Lower Upper

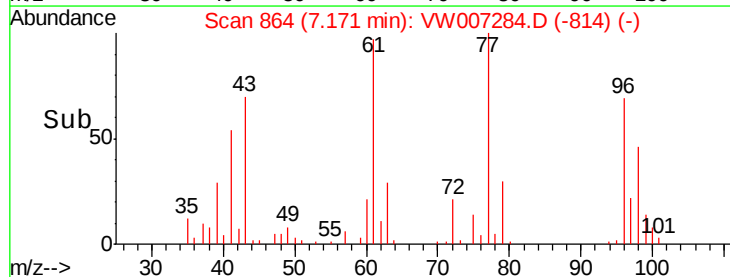
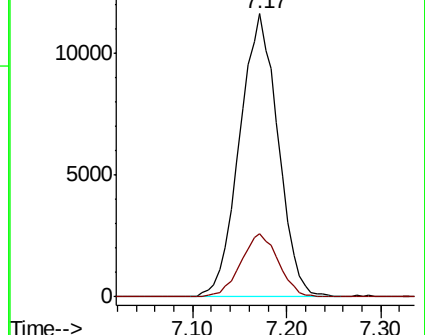
77 100

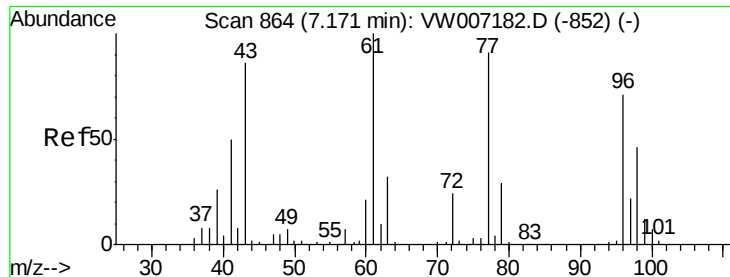
97 21.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

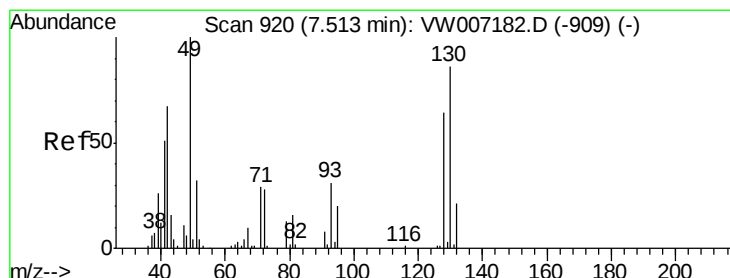
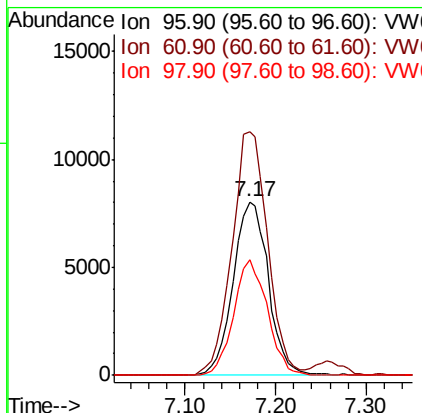
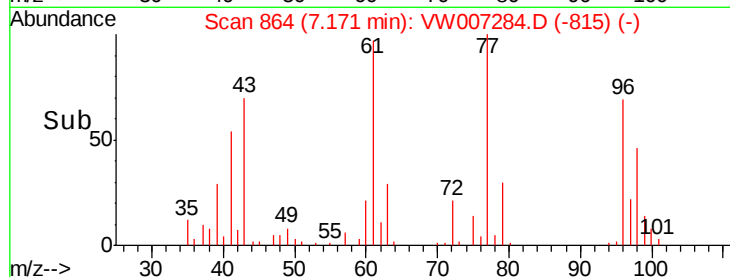
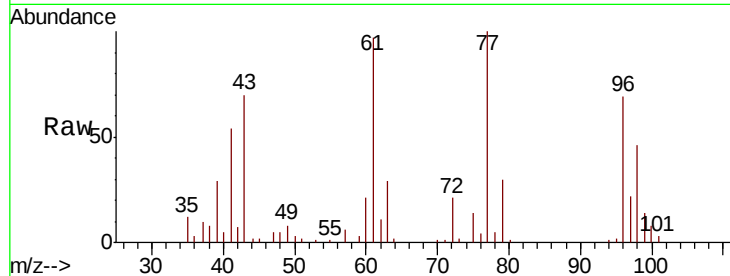
cis-1,2-Dichloroethene
Concen: 20.187 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	282.4
98	63.7	0.0	129.8

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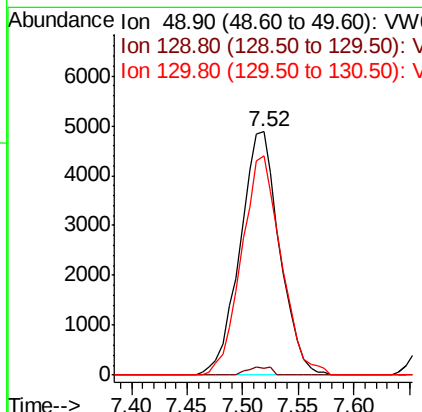
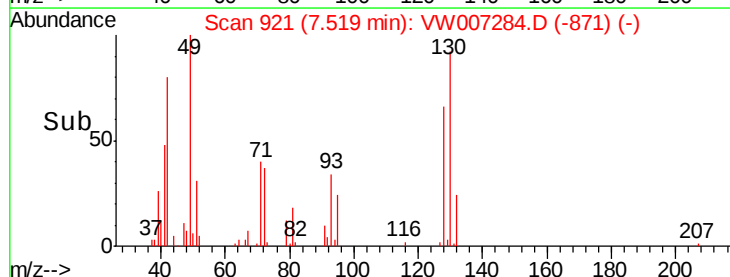
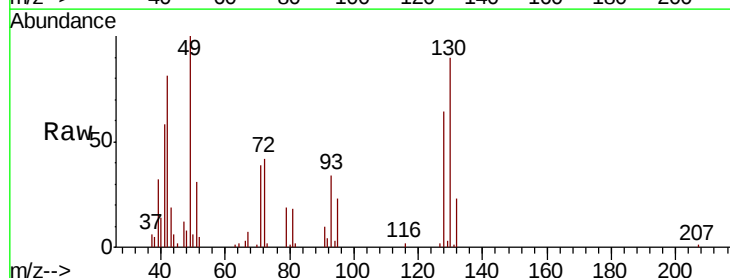
apatel
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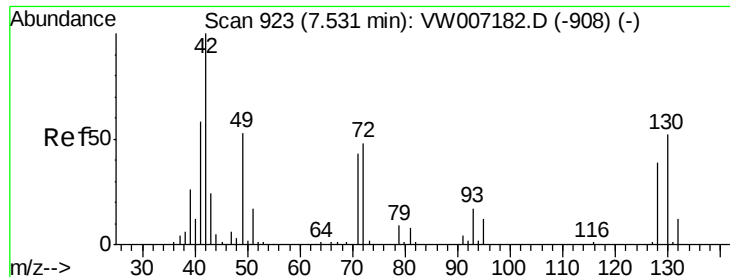


#28

Bromochloromethane
Concen: 20.258 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	90.0	70.3	105.5





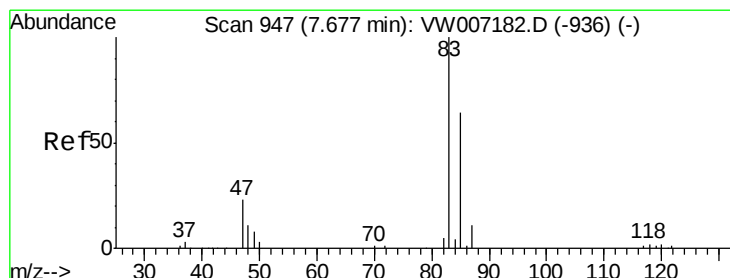
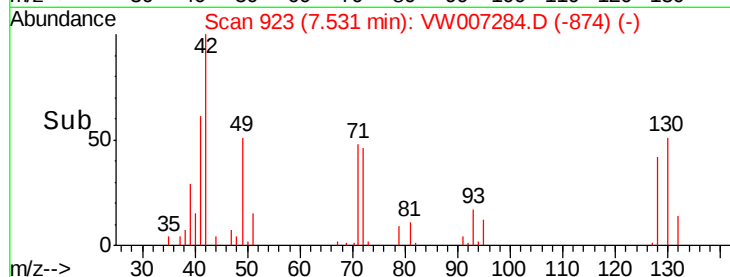
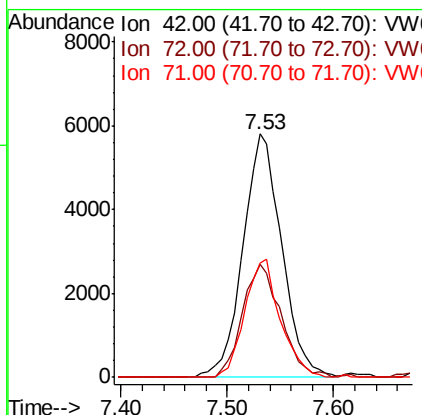
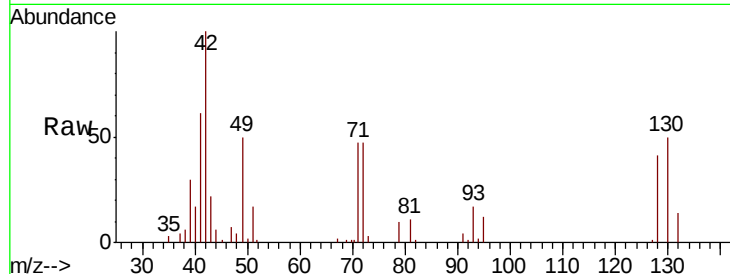
#29
Tetrahydrofuran
Concen: 100.360 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	55.0
71	44.4	34.8	52.2

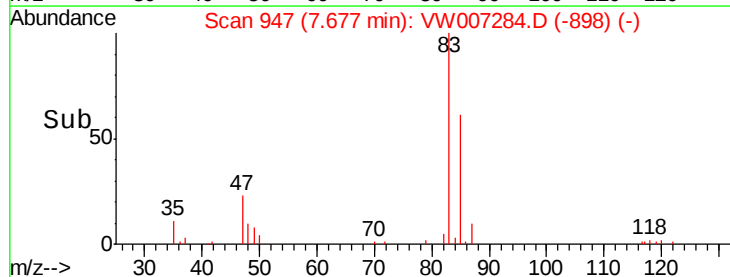
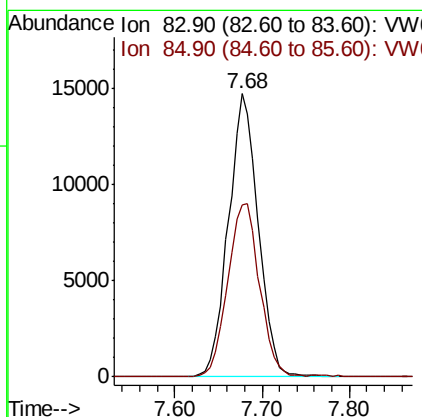
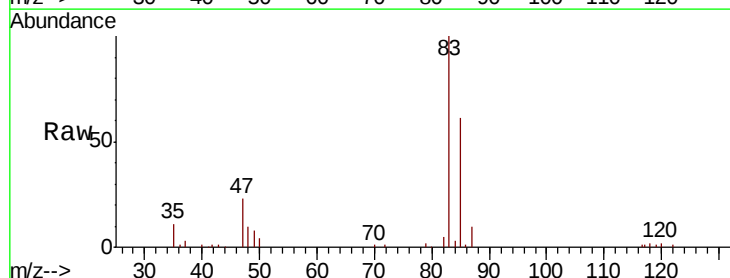
Manual Integrations
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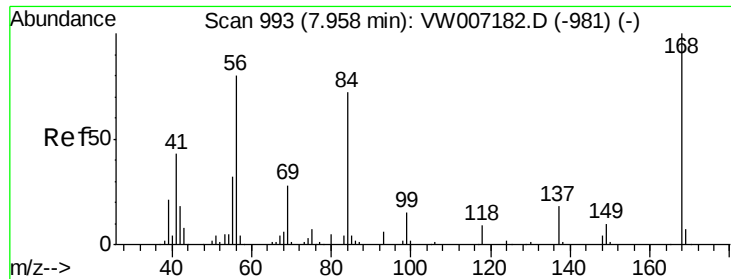
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#30
Chloroform
Concen: 20.318 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.5	77.3





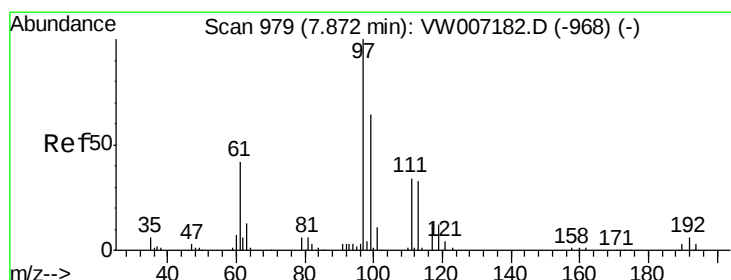
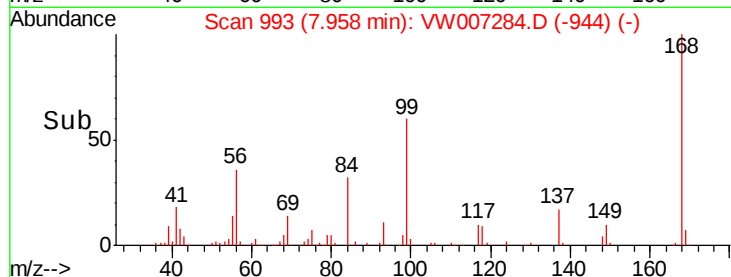
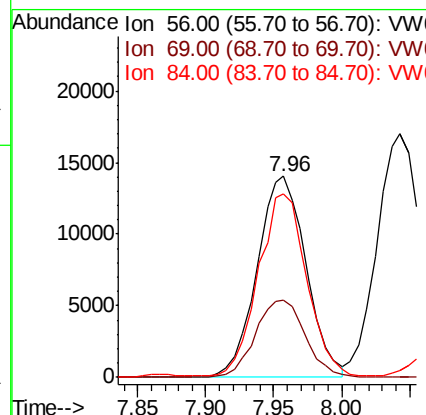
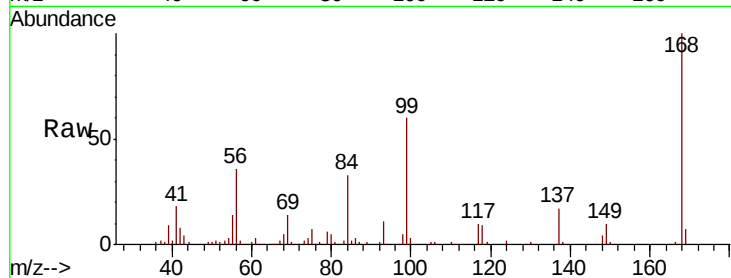
#31
Cyclohexane
Concen: 20.381 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	56	69	84
Resp	35234		
Ion Ratio	100	38.1	90.6
Lower		28.2	72.1
Upper		42.2	108.1

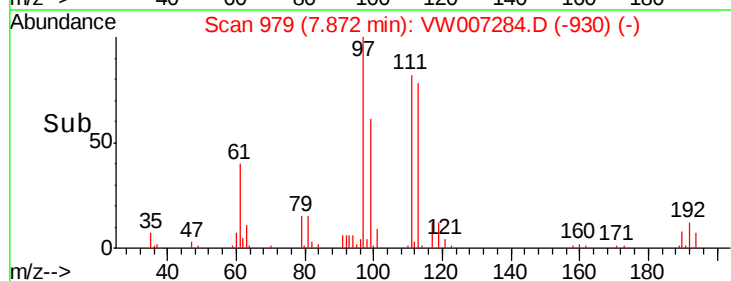
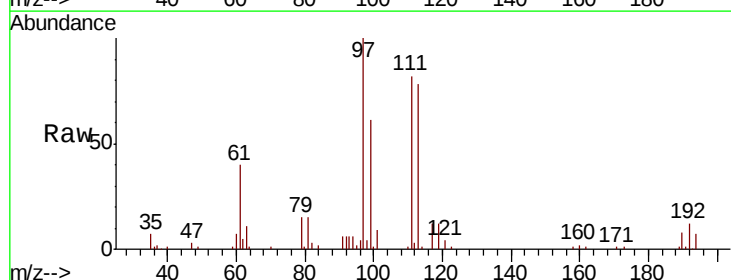
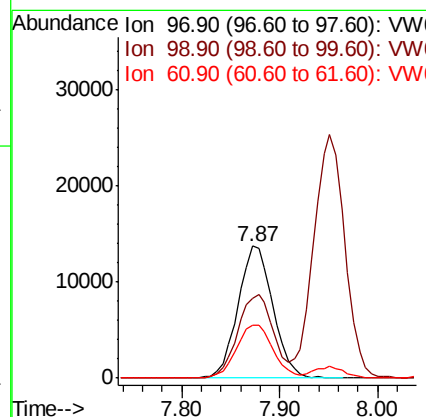
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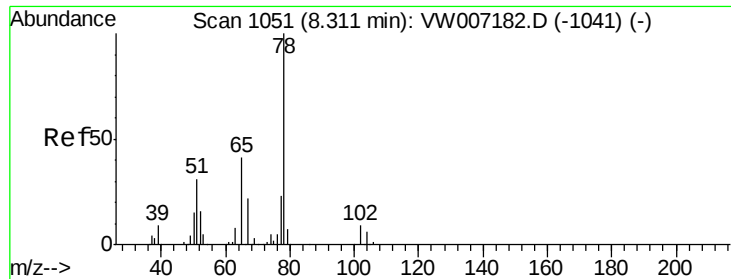
apatel
12/7/2018 12:20:00 PM



#32
1,1,1-Trichloroethane
Concen: 21.065 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	97	99	61
Resp	34040		
Ion Ratio	100	64.0	42.3
Lower		51.3	33.2
Upper		76.9	49.8





#33

1,2-Dichloroethane-d4

Concen: 50.912 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 65 Resp: 44351

Ion Ratio Lower Upper

65 100

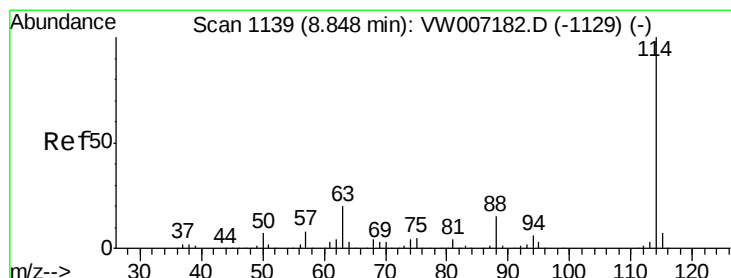
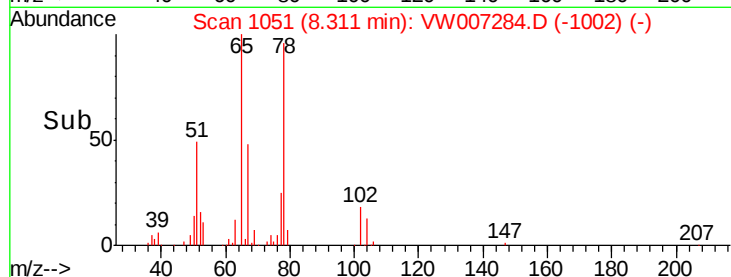
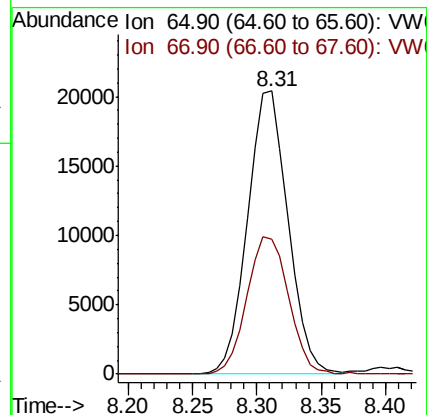
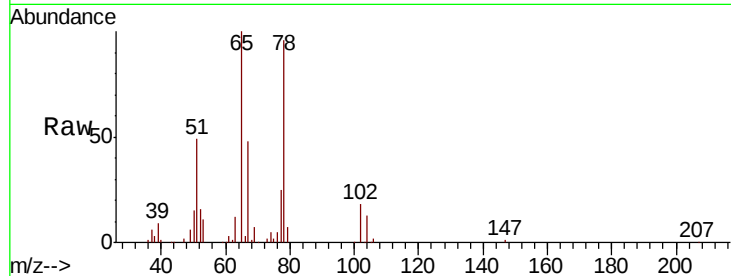
67 50.2 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

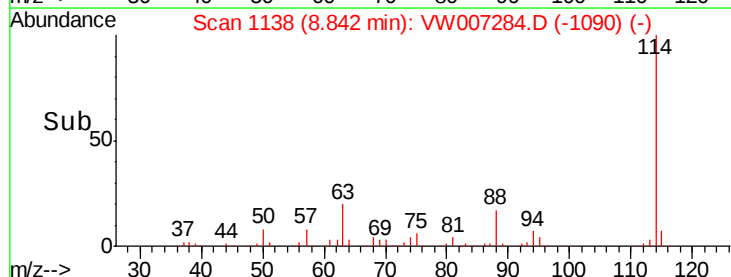
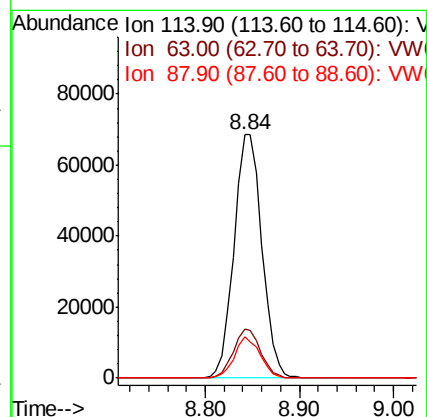
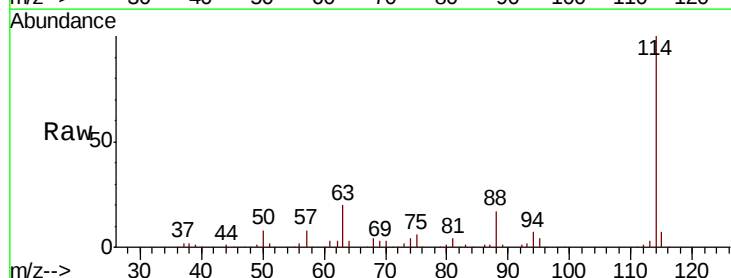
Tgt Ion: 114 Resp: 140820

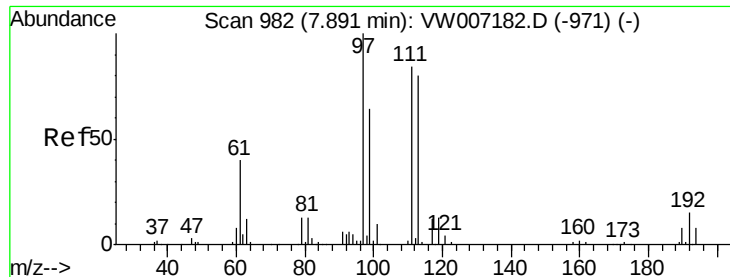
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 17.0 0.0 30.0





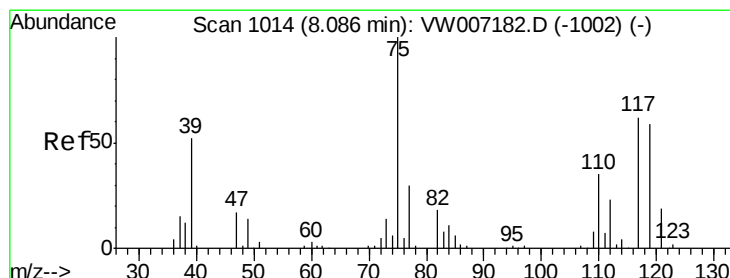
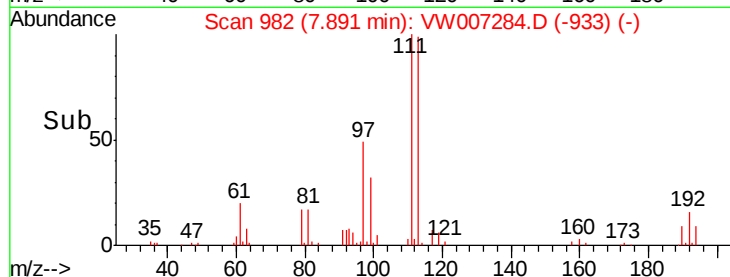
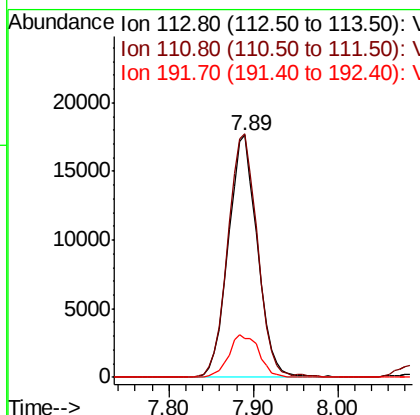
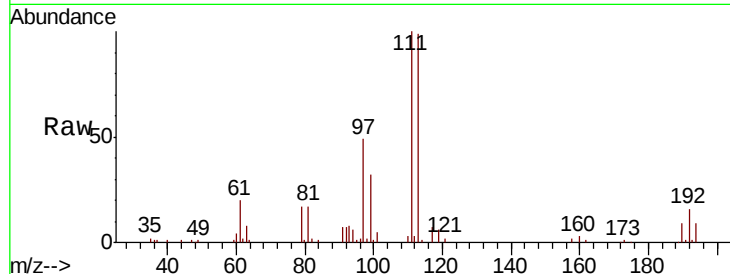
#35
Dibromofluoromethane
Concen: 51.249 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	18.1	14.4	21.6

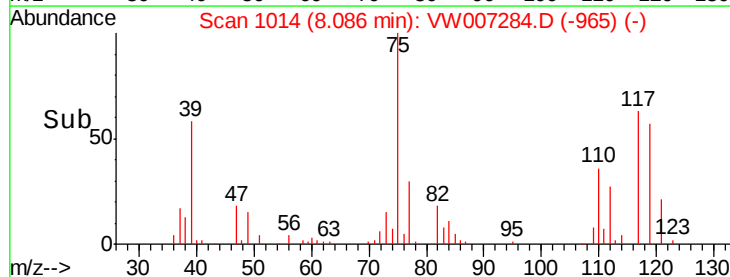
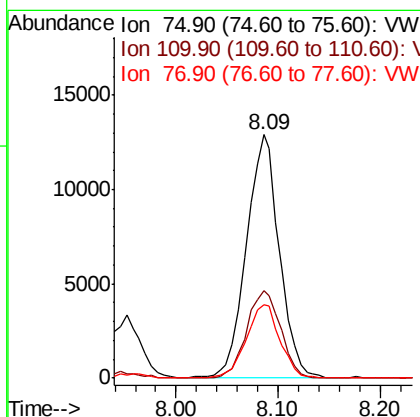
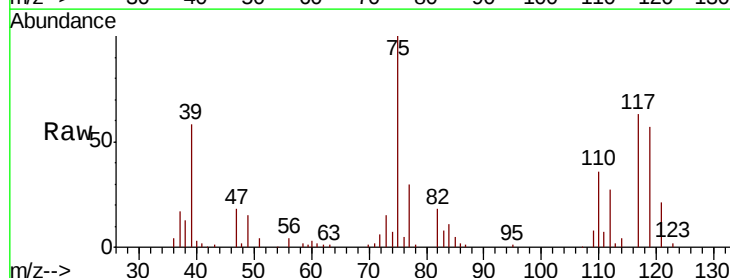
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#36
1,1-Dichloropropene
Concen: 21.206 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.9	24.9	37.3





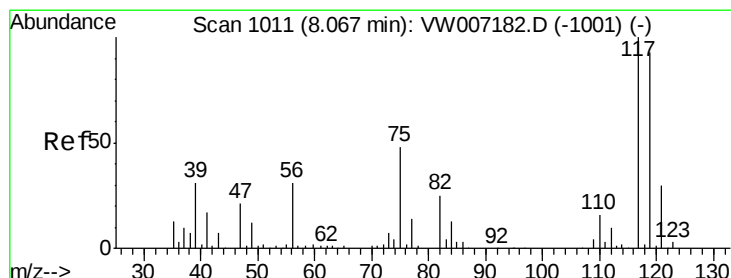
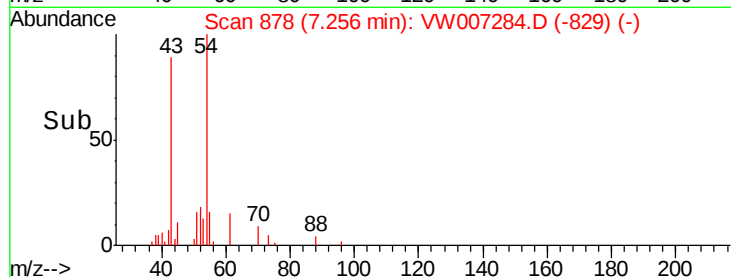
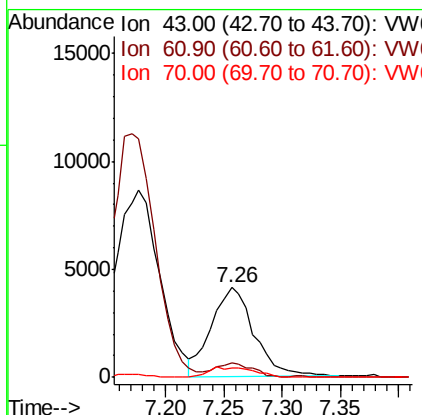
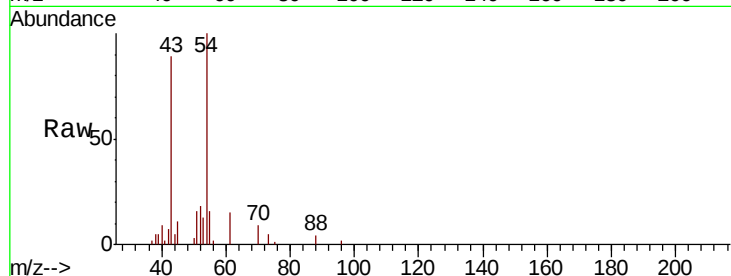
#37
Ethyl Acetate
Concen: 21.038 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.1	18.1
70	11.7	9.1	13.7

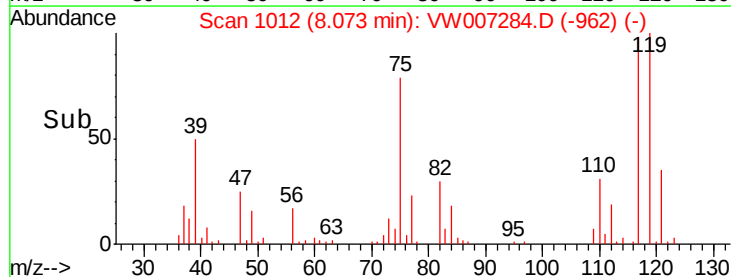
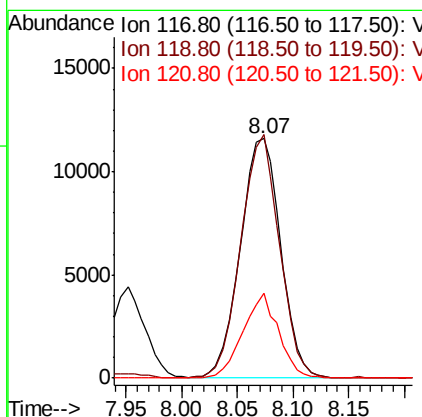
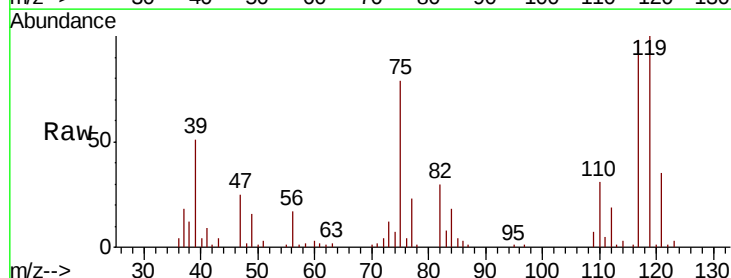
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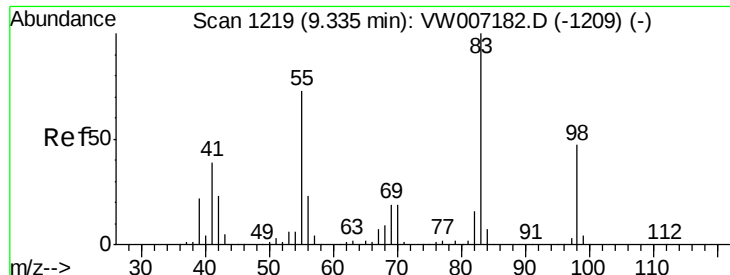
apatel
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#38
Carbon Tetrachloride
Concen: 20.971 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	74.1	111.1
121	35.6	23.9	35.9





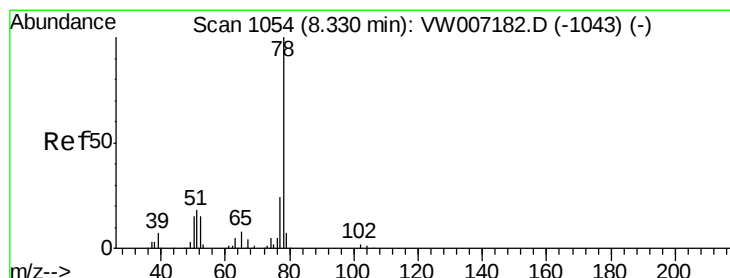
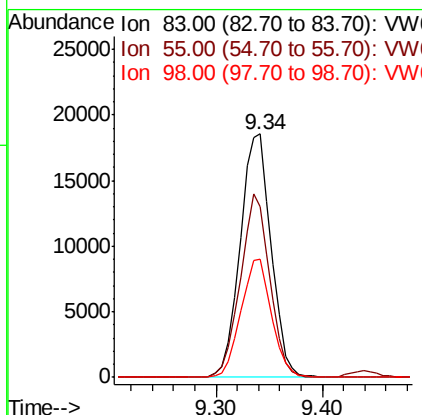
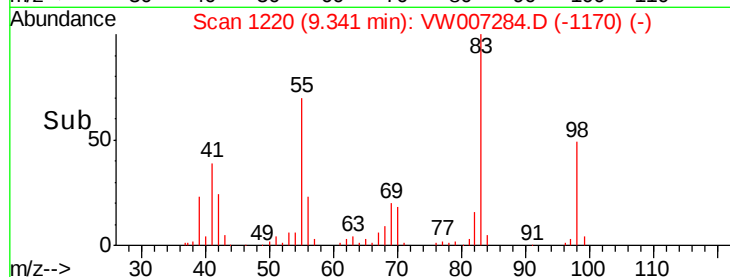
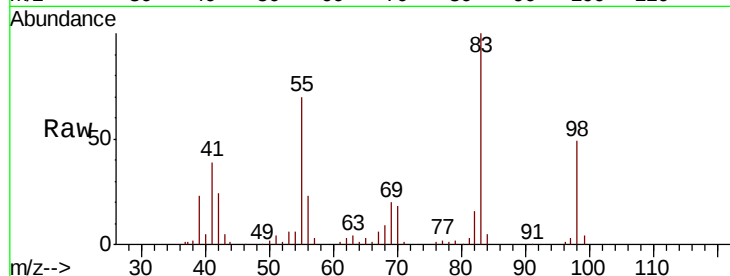
#39
Methvlcvclohexane
Concen: 20.611 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	58.1	87.1
98	48.7	37.3	55.9

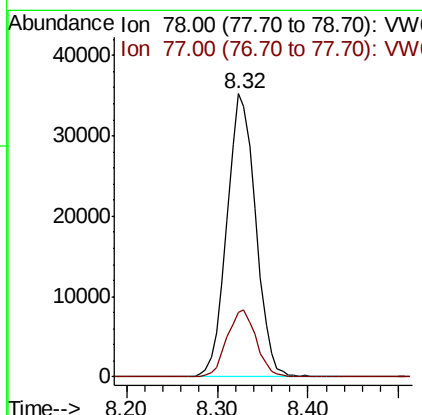
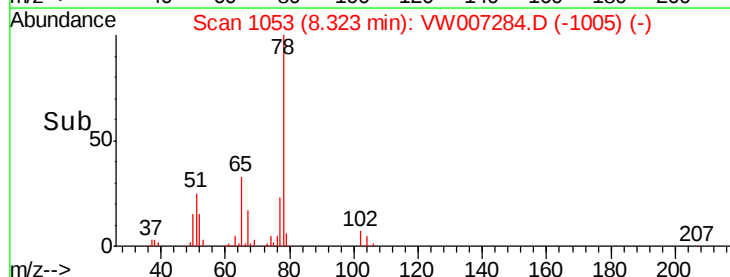
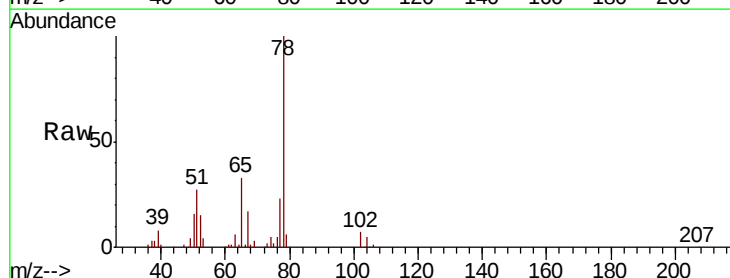
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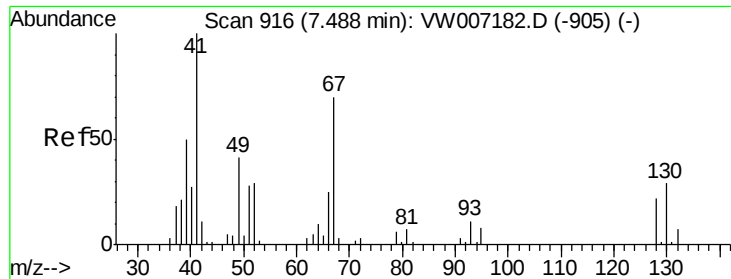
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#40
Benzene
Concen: 20.656 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3





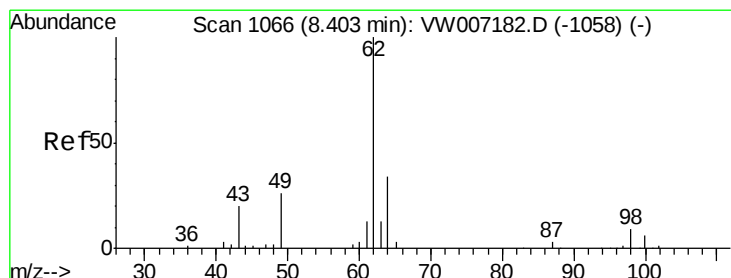
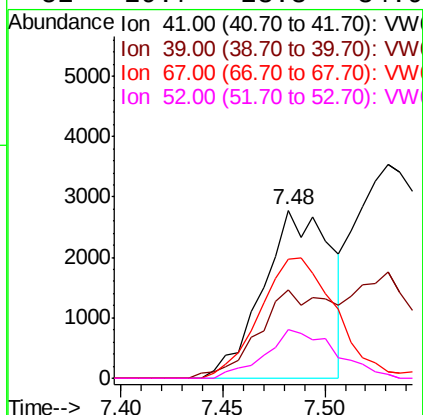
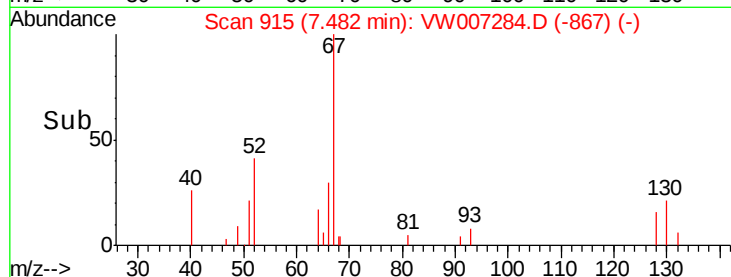
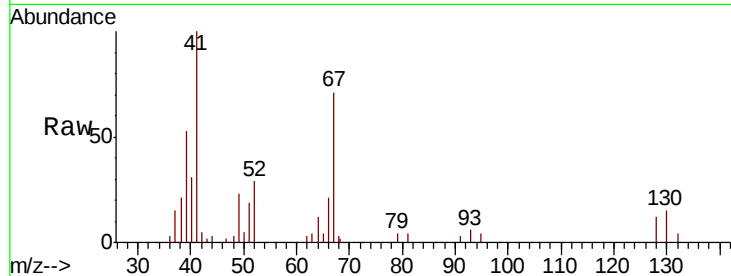
#41
Methacrylonitrile
Concen: 21.773 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion:	41	Resp:	6464
Ion	Ratio	Lower	Upper
41	100		
39	49.6	43.4	65.0
67	79.8	57.4	86.0
52	29.7	23.3	34.9

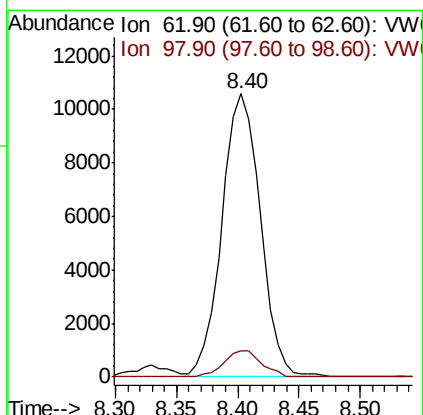
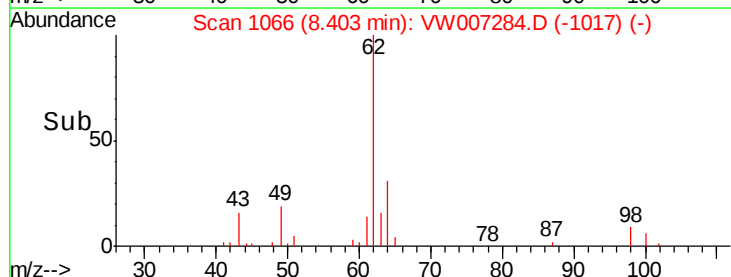
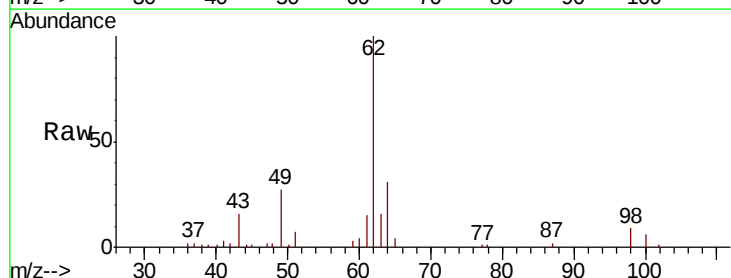
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#42
1,2-Dichloroethane
Concen: 21.991 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion:	62	Resp:	23092
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 21.493 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 43 Resp: 20690

Ion Ratio Lower Upper

43 100

61 30.9 25.4 38.0

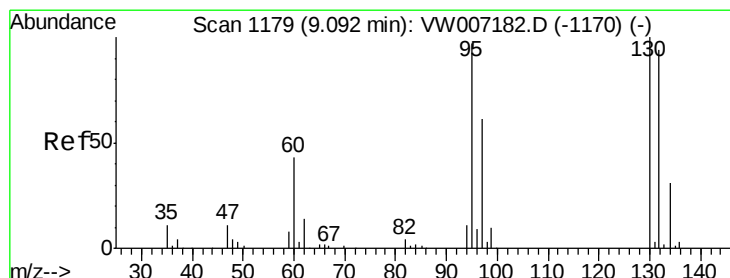
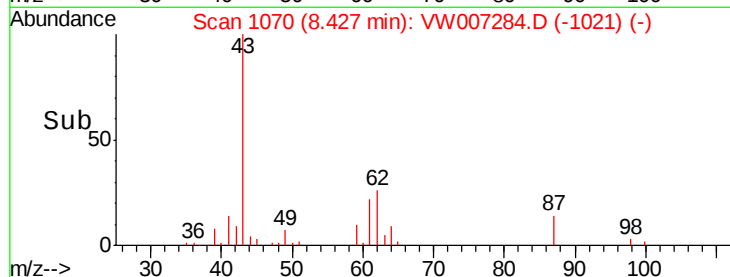
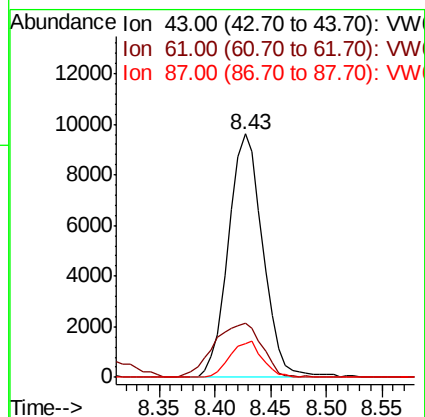
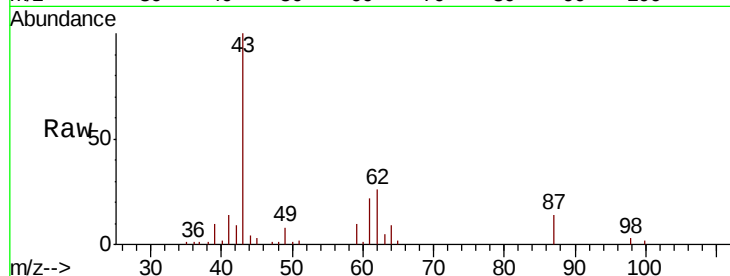
87 13.9 11.4 17.0

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#44

Trichloroethene

Concen: 21.473 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007284.D

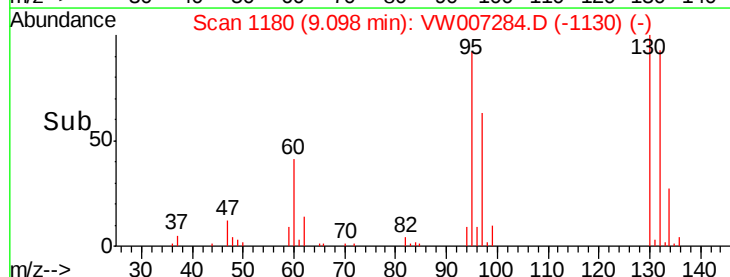
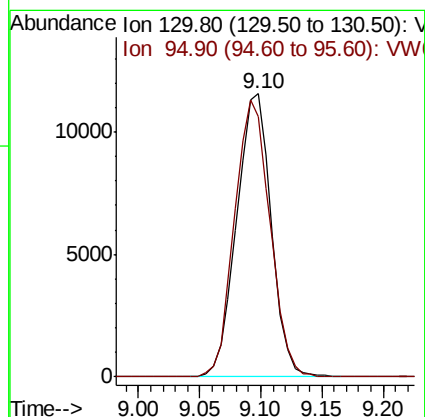
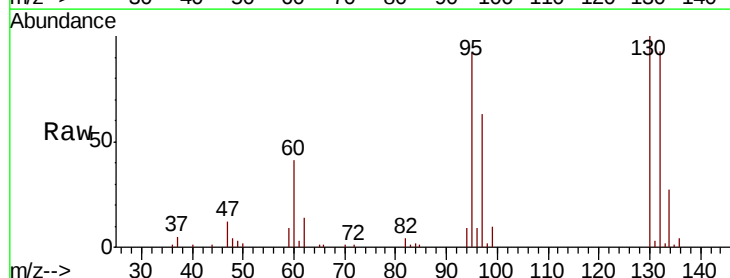
Acq: 06 Dec 2018 17:48

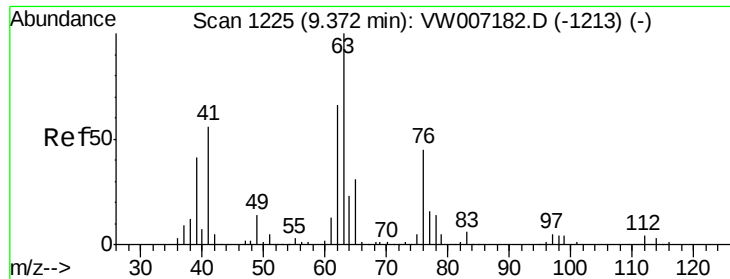
Tgt Ion: 130 Resp: 22678

Ion Ratio Lower Upper

130 100

95 91.9 0.0 194.0





#45

1,2-Dichloropropane

Concen: 20.754 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 63 Resp: 18146

Ion Ratio Lower Upper

63 100

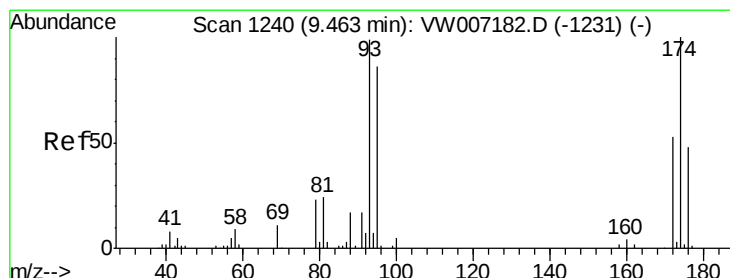
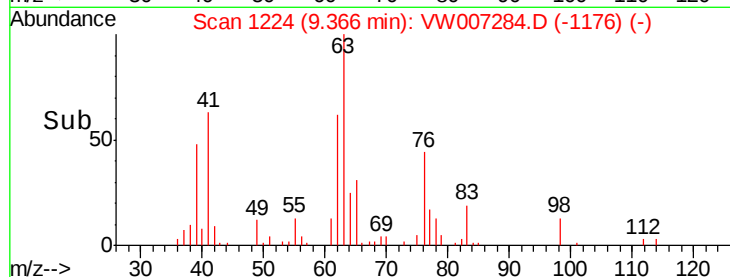
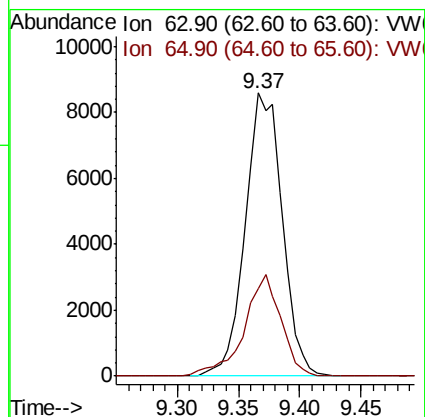
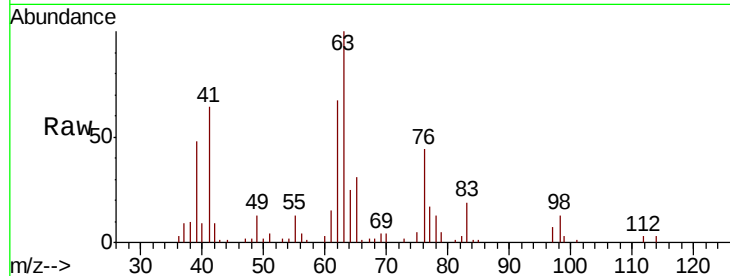
65 30.7 25.0 37.4

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#46

Dibromomethane

Concen: 21.337 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

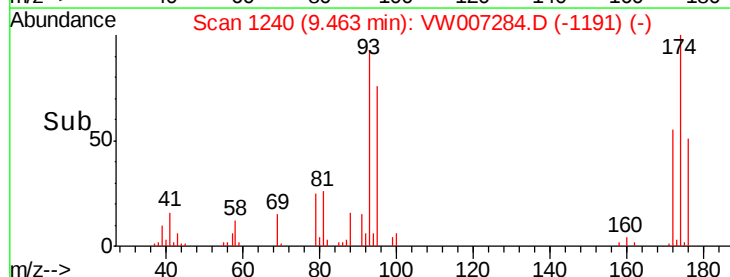
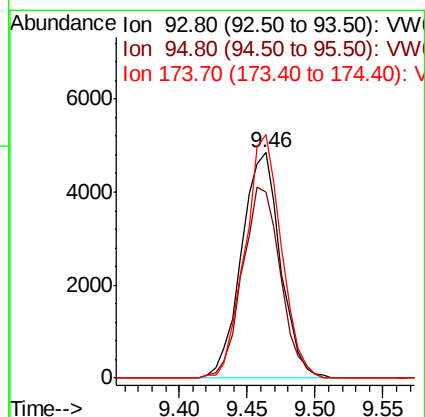
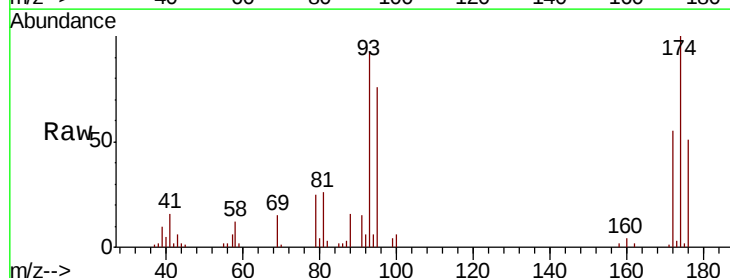
Tgt Ion: 93 Resp: 9694

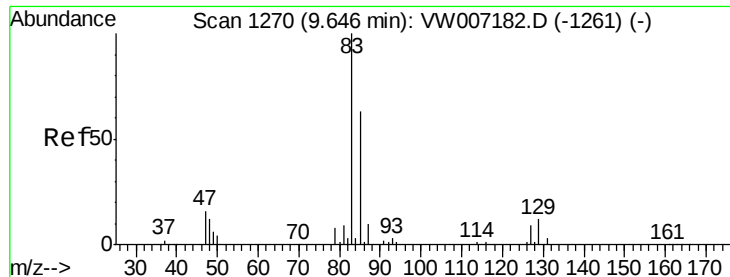
Ion Ratio Lower Upper

93 100

95 82.8 68.7 103.1

174 101.3 82.9 124.3





#47

Bromodichloromethane

Concen: 21.520 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

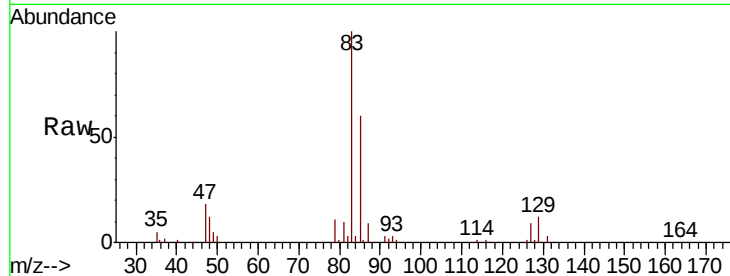
ClientSampleId :

VW1206SBS01

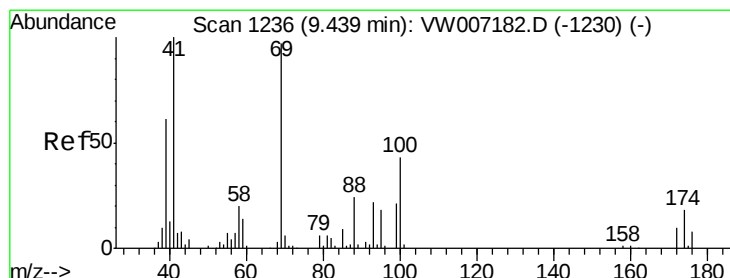
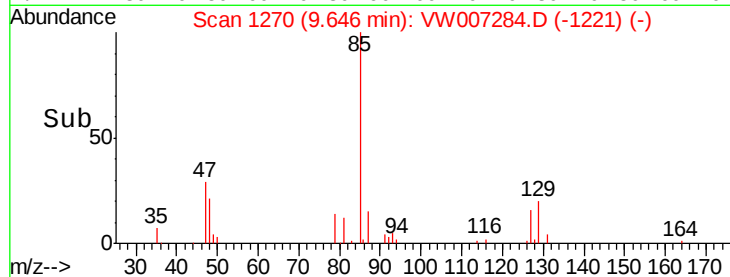
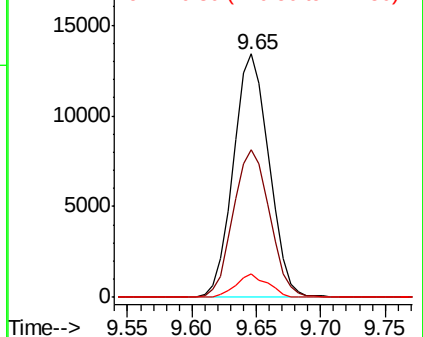
Tot Ion:	83	Resp:	25718
Ion Ratio	Lower	Upper	
83	100		
85	60.4	50.6	76.0
127	9.4	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.031 ug/l

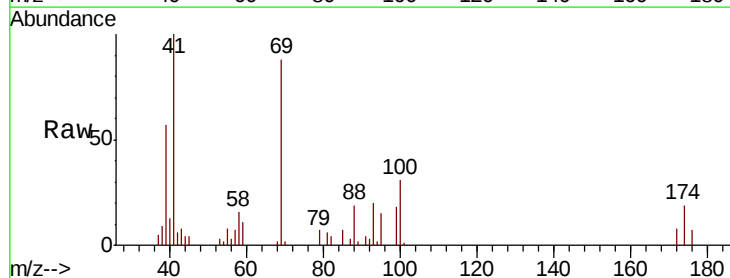
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

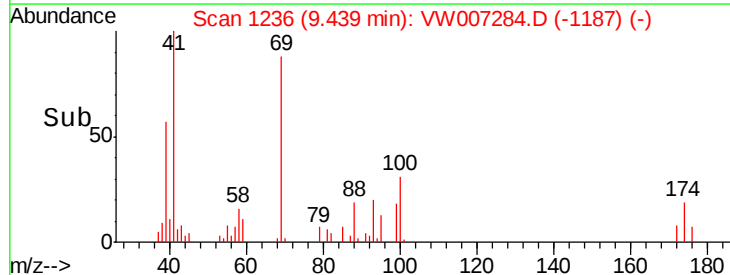
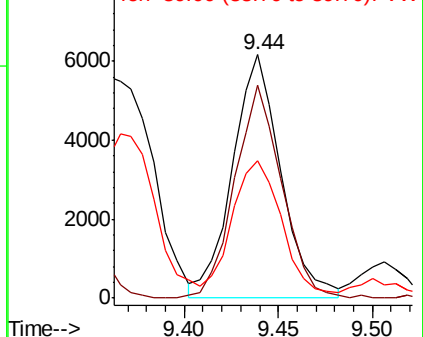
Lab File: VW007284.D

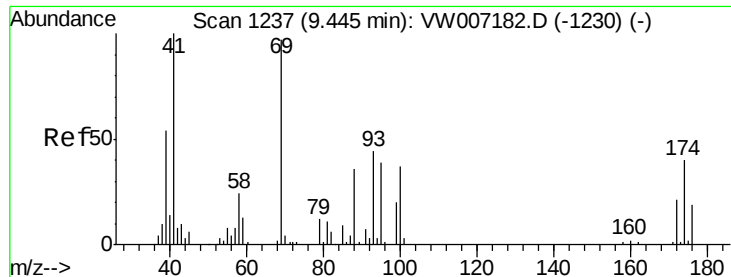
Acq: 06 Dec 2018 17:48

Tgt Ion:	41	Resp:	11007
Ion Ratio	Lower	Upper	
41	100		
69	84.7	69.6	104.4
39	53.3	42.4	63.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 407.848 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

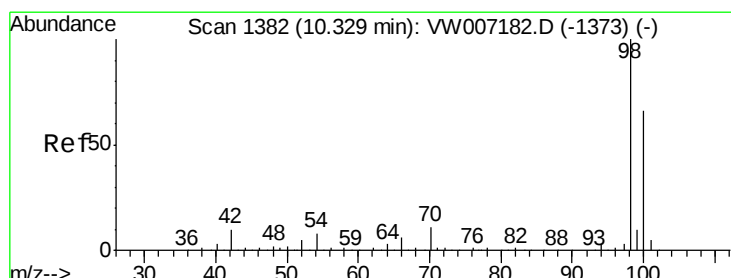
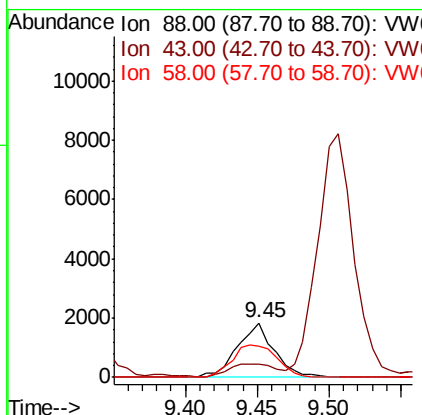
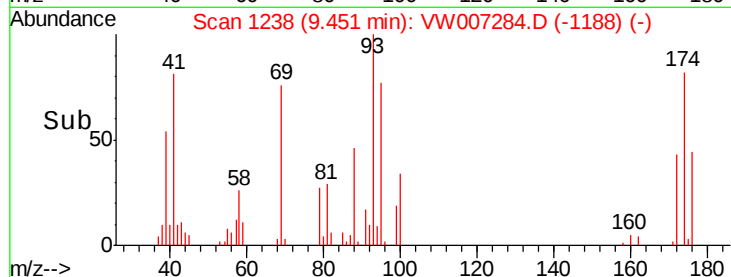
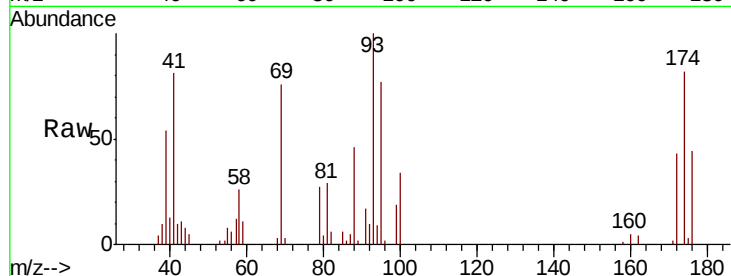
ClientSampleId :

VW1206SBS01

Tot Ion:	88	Resp:	3237
Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.8
58	71.7	58.9	88.3

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#50

Toluene-d8

Concen: 50.604 ug/l

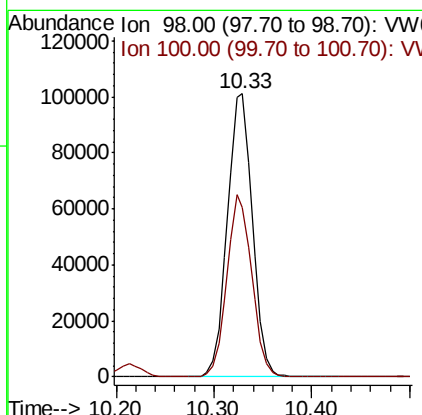
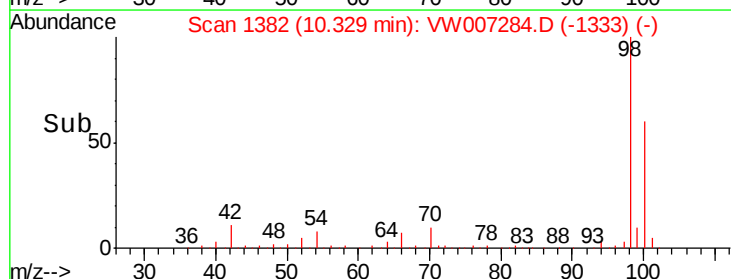
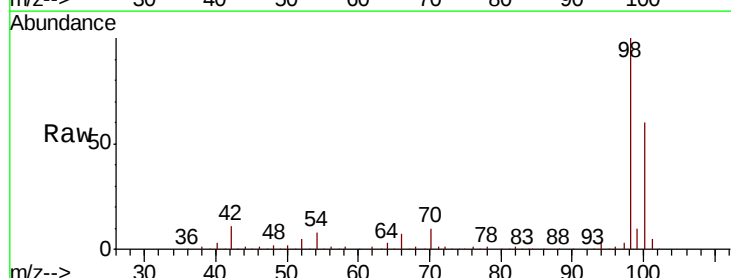
RT: 10.33 min Scan# 1382

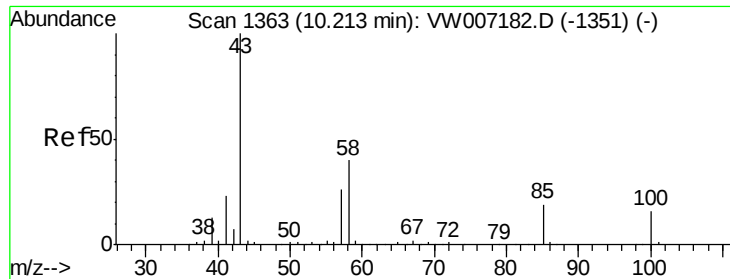
Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	98	Resp:	179740
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 104.331 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 43 Resp: 49493

Ion Ratio Lower Upper

43 100

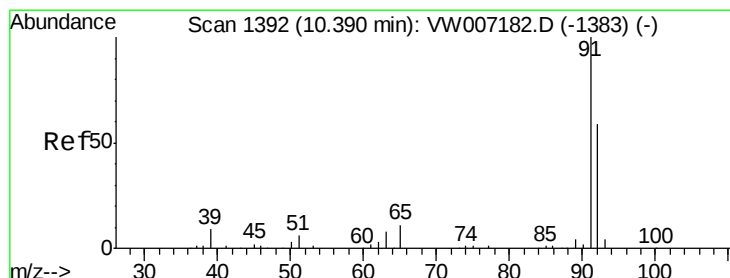
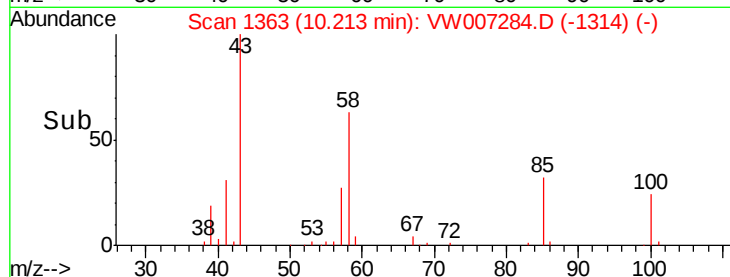
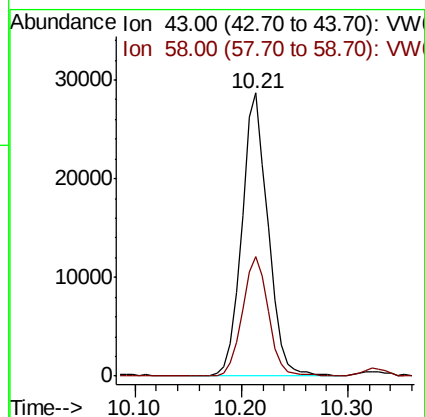
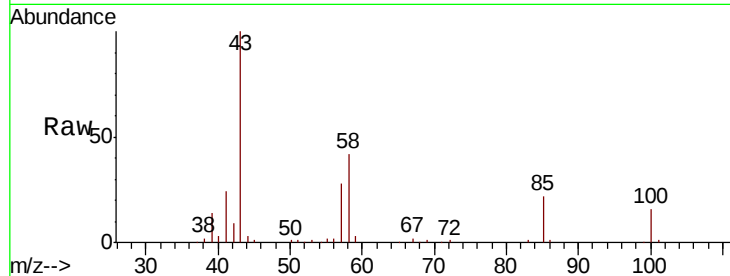
58 41.8 32.3 48.5

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#52

Toluene

Concen: 20.954 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007284.D

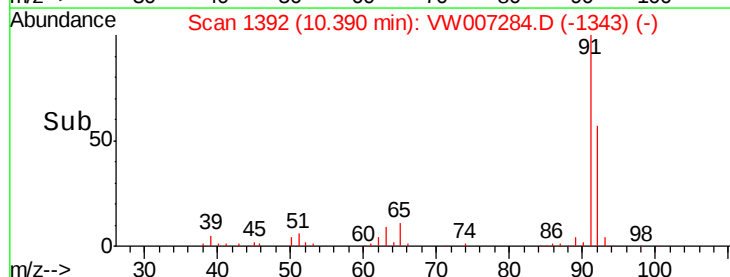
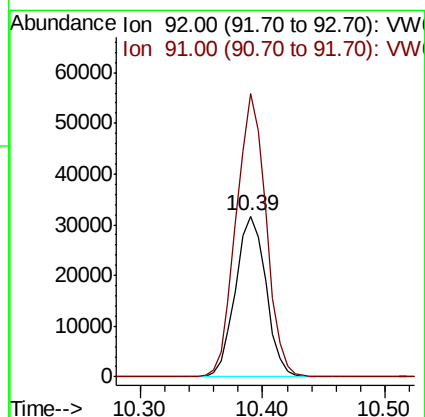
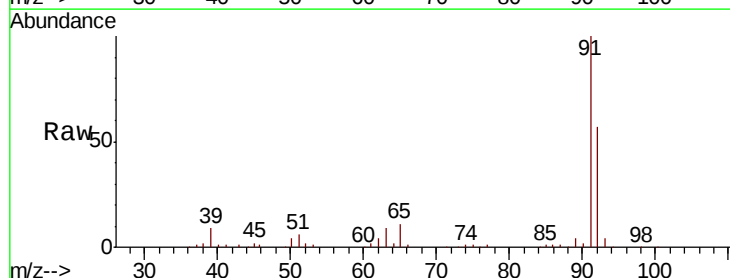
Acq: 06 Dec 2018 17:48

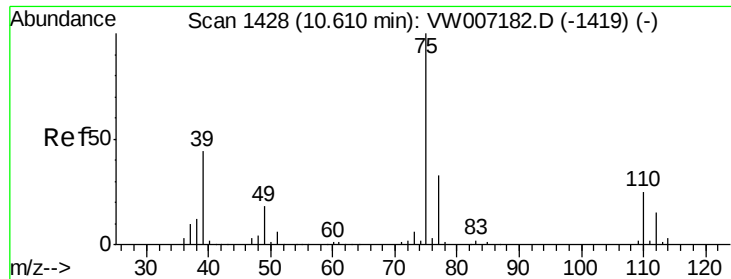
Tgt Ion: 92 Resp: 54765

Ion Ratio Lower Upper

92 100

91 173.4 136.0 204.0





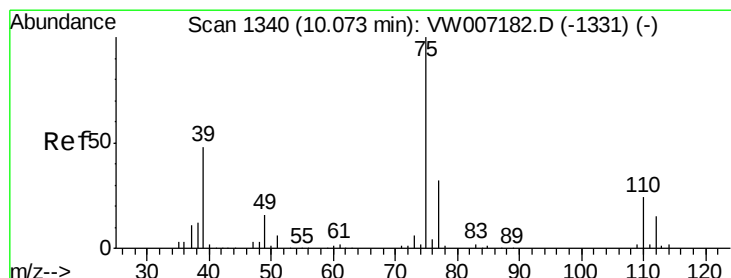
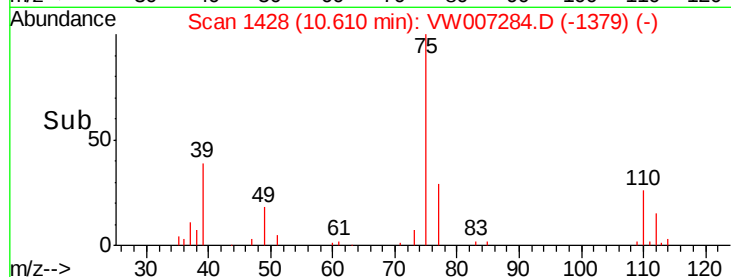
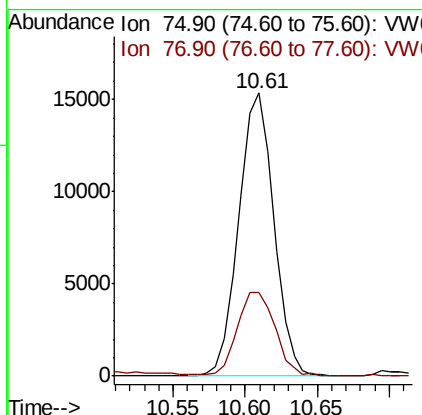
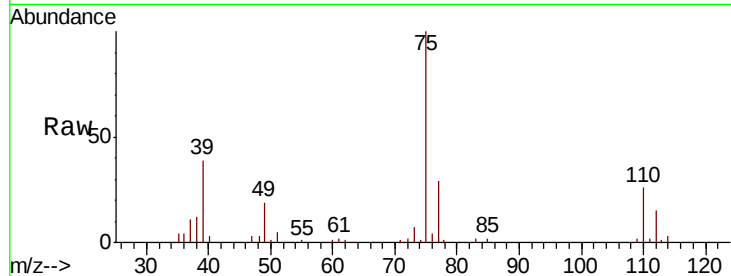
#53
 t-1,3-Dichloropropene
 Concen: 21.631 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
 MSVOA_W
 ClientSampled :
 VW1206SBS01

Tot Ion: 75 Resp: 25990
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.2 39.2

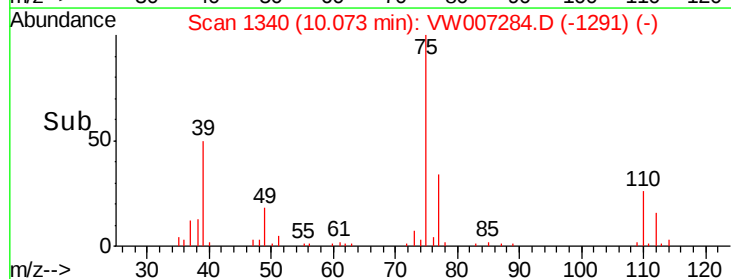
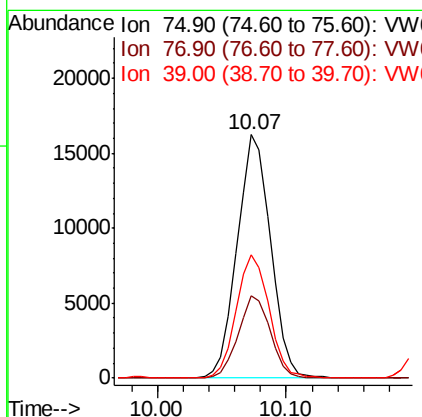
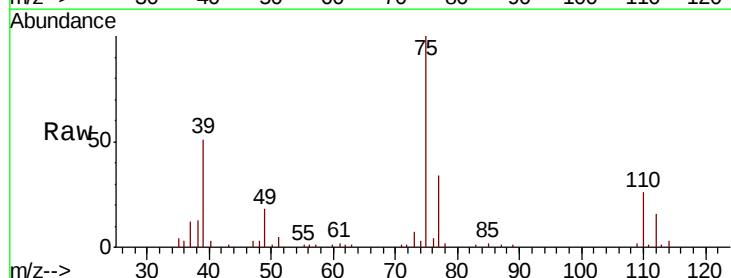
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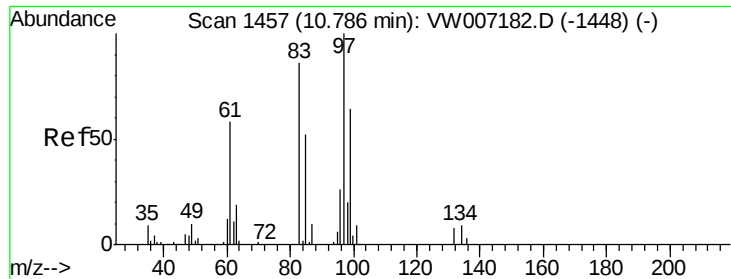
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 20.694 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion: 75 Resp: 29140
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.0 39.0
 39 50.6 38.0 57.0





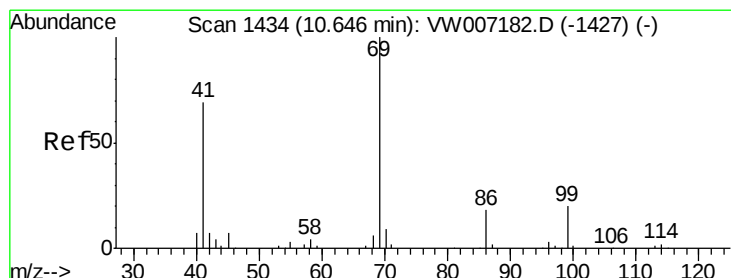
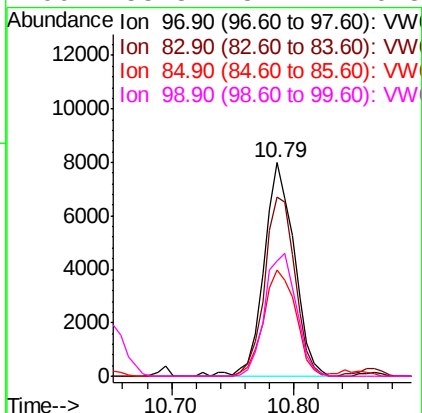
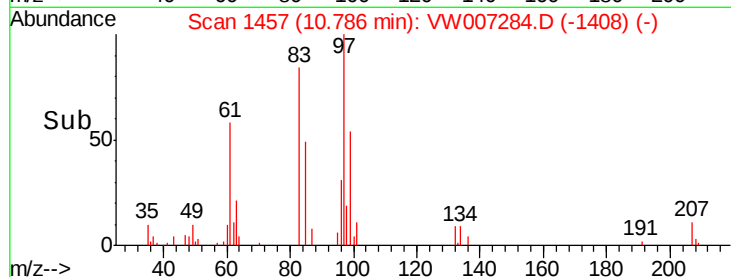
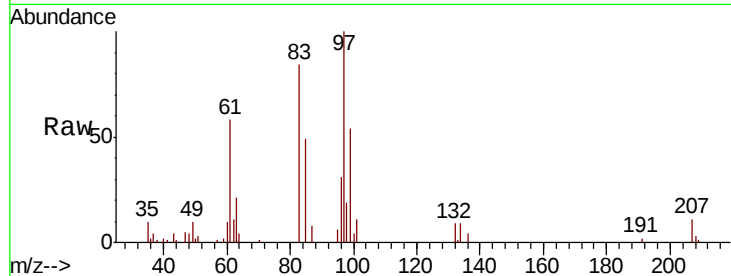
#55
 1,1,2-Trichloroethane
 Concen: 21.365 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Tot Ion:	97	Resp:	13807
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.6	102.8
85	49.5	41.4	62.2
99	53.8	51.2	76.8

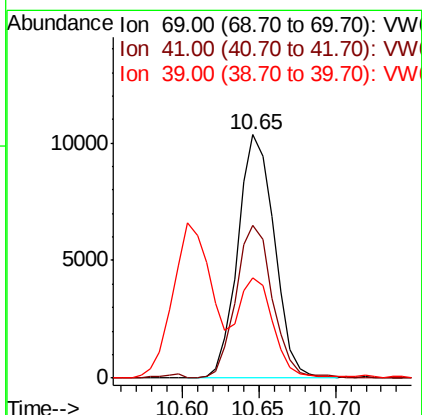
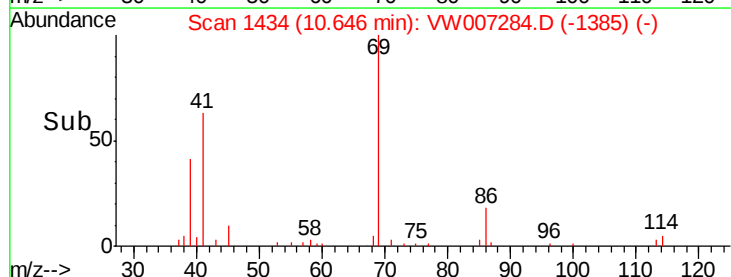
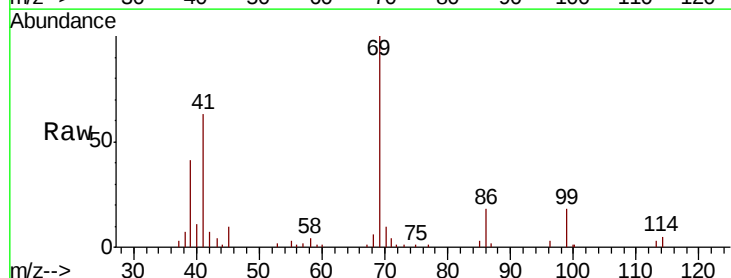
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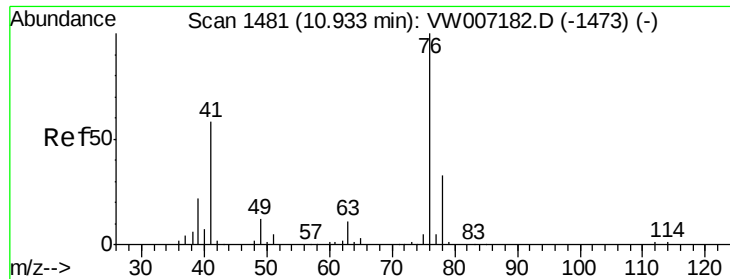
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#56
 Ethyl methacrylate
 Concen: 20.451 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion:	69	Resp:	17240
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.8	77.6
39	38.7	28.7	43.1





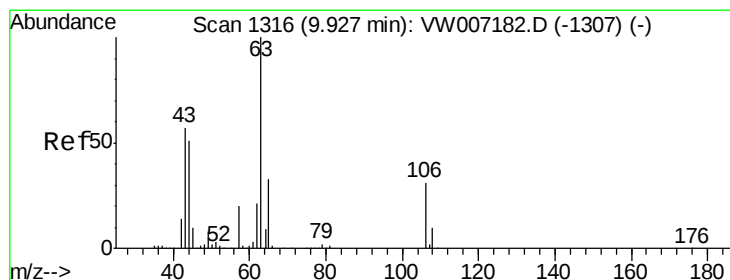
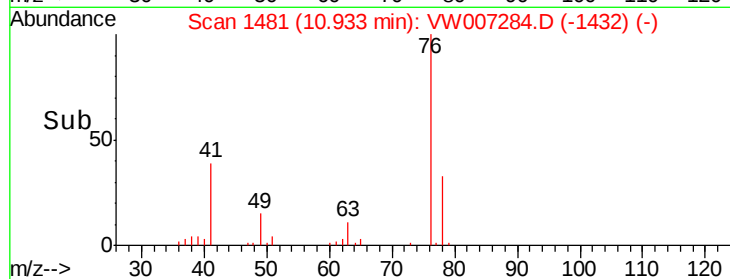
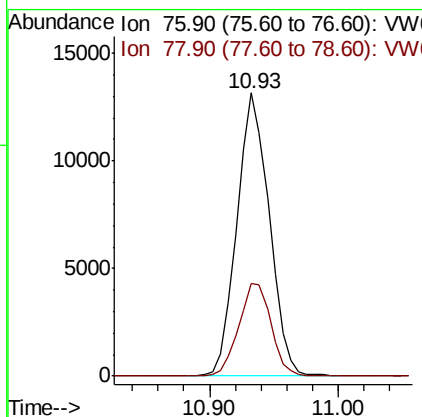
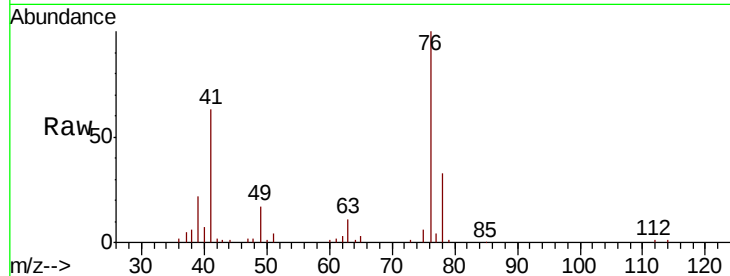
#57
 1,3-Dichloropropane
 Concen: 20.966 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.6	40.0

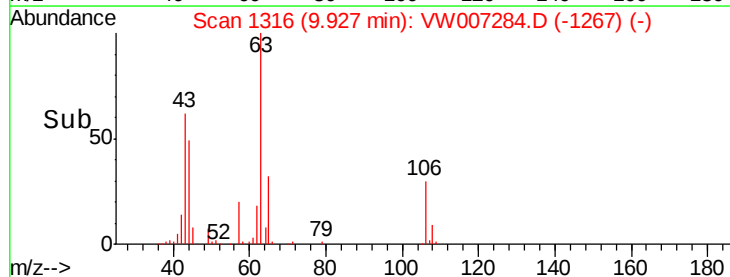
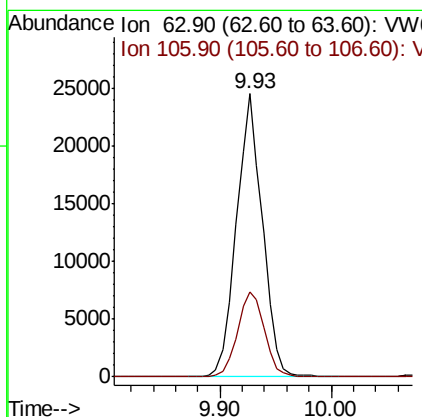
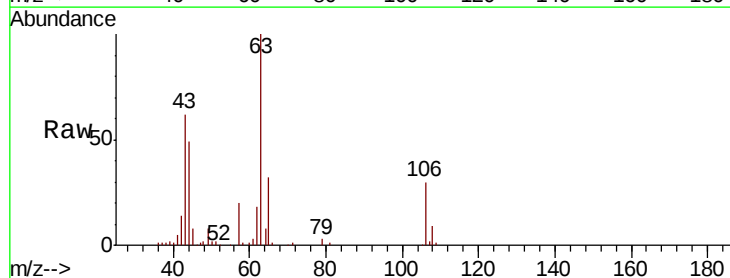
Manual Integrations
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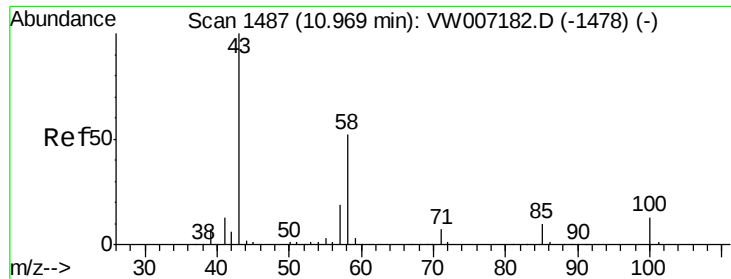
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.789 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.1	36.1





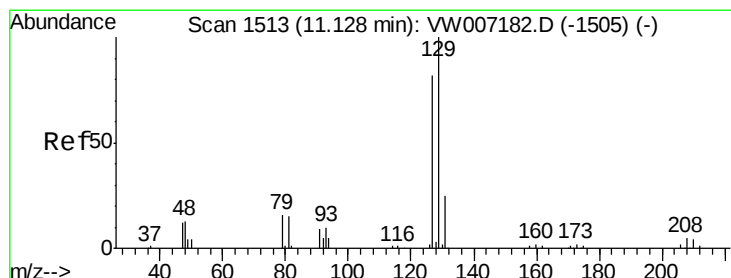
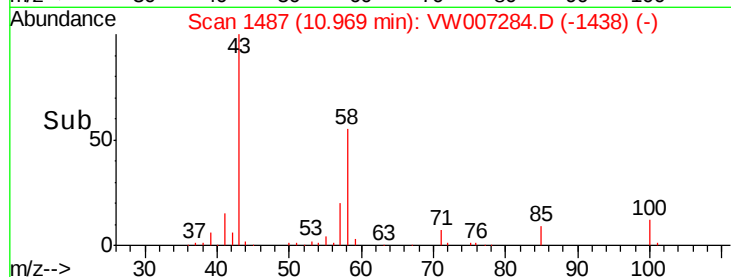
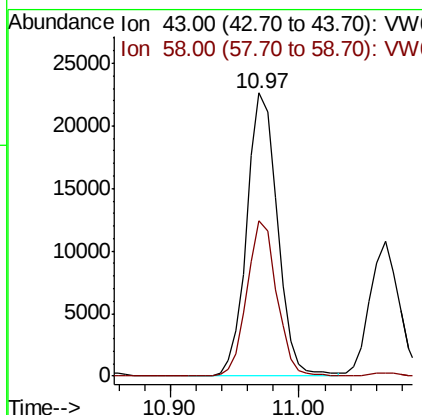
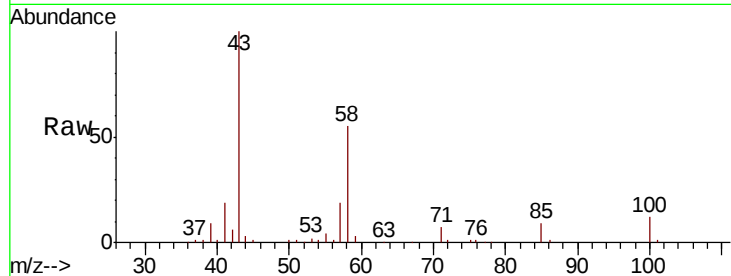
#59
2-Hexanone
Concen: 107.980 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion: 43 Resp: 37133
Ion Ratio Lower Upper
43 100
58 53.4 28.1 84.4

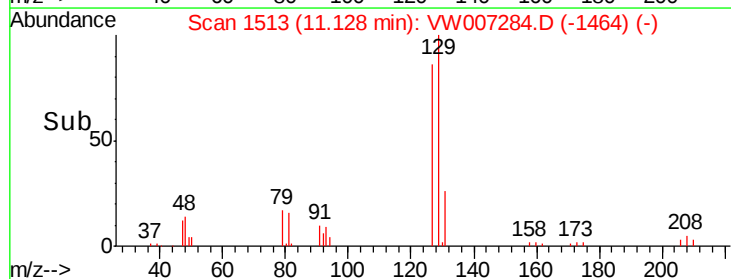
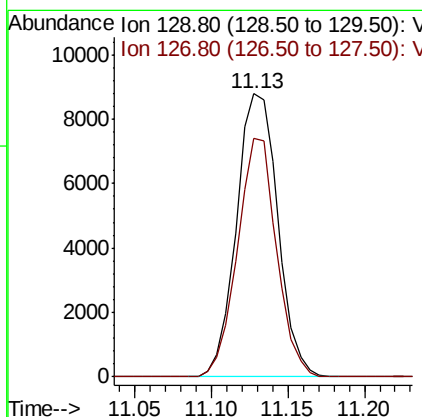
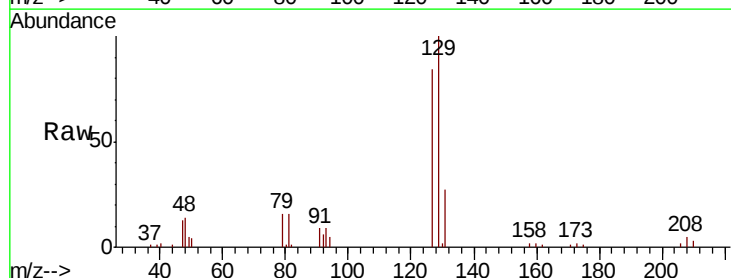
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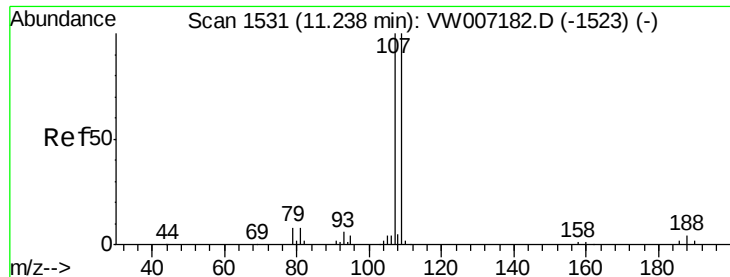
apatel
12/7/2018 12:20:00 PM



#60
Dibromochloromethane
Concen: 20.739 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 129 Resp: 16473
Ion Ratio Lower Upper
129 100
127 79.7 39.8 119.4





#61

1,2-Dibromoethane

Concen: 21.115 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion: 107 Resp: 13088

Ion Ratio Lower Upper

107 100

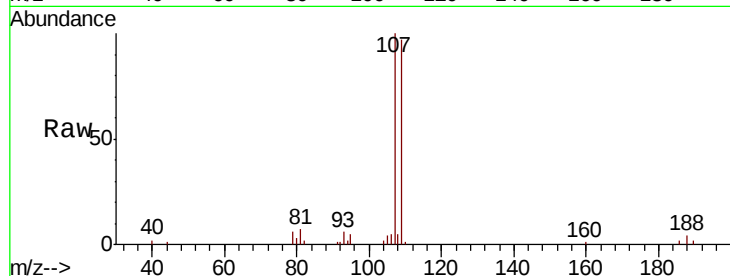
109 97.0 77.3 115.9

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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

8000

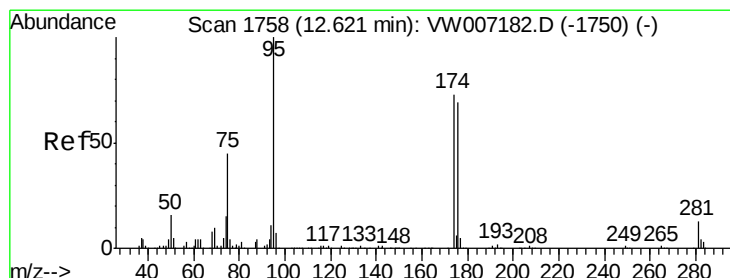
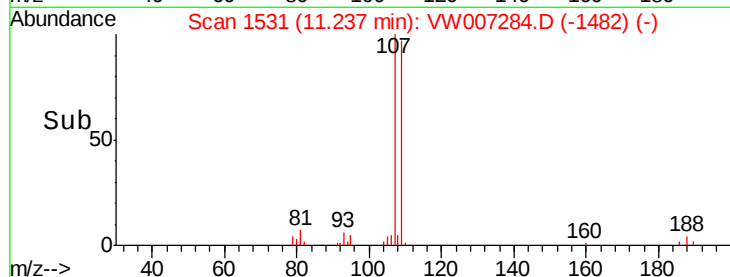
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.258 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

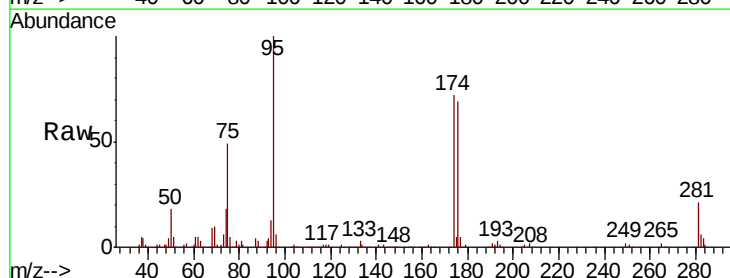
Tgt Ion: 95 Resp: 67378

Ion Ratio Lower Upper

95 100

174 75.4 0.0 148.0

176 72.1 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

12.62

60000

50000

40000

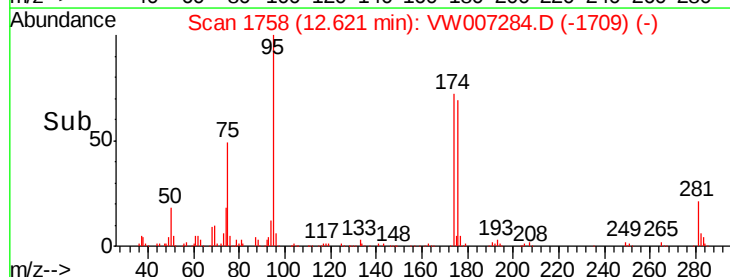
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70





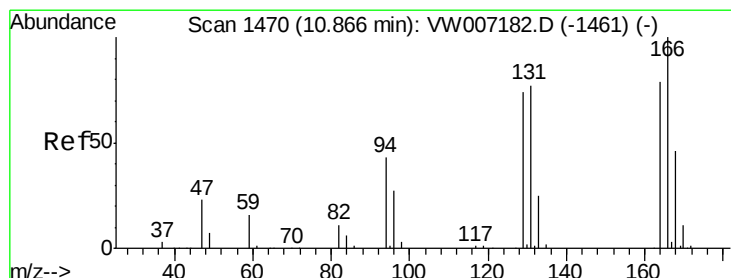
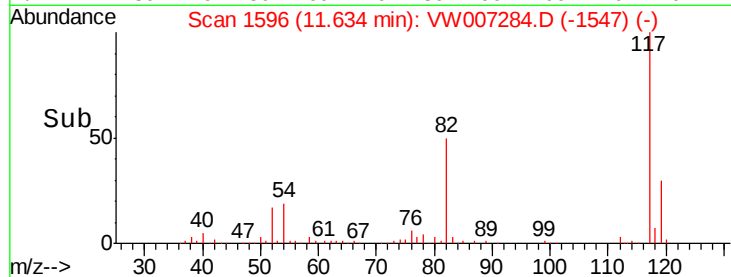
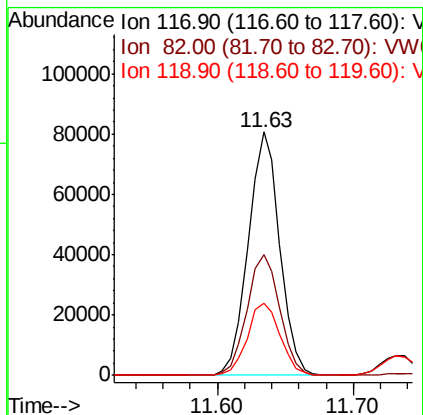
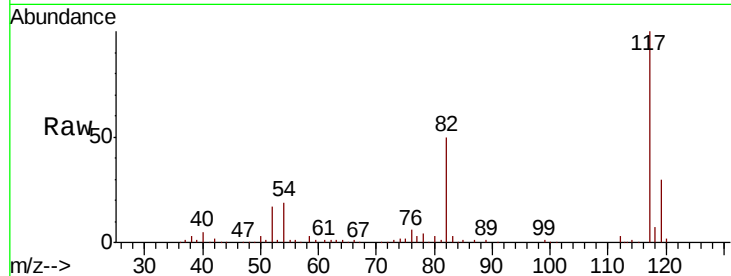
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	47.4	71.2
119	29.6	26.8	40.2

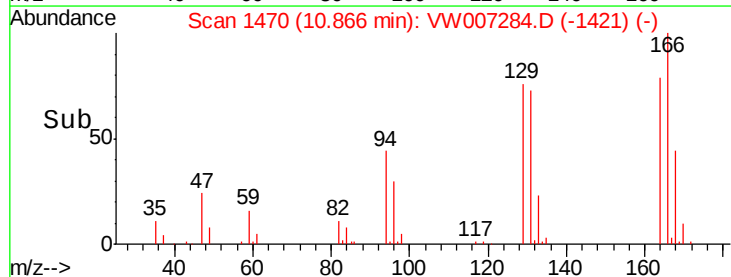
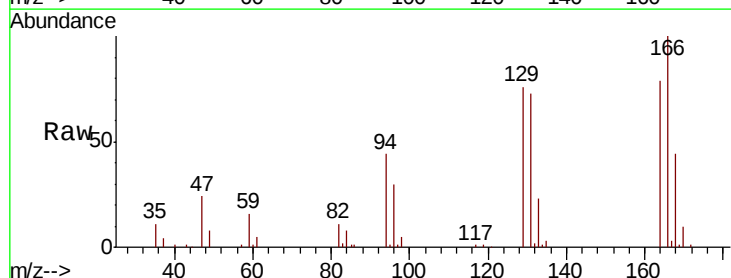
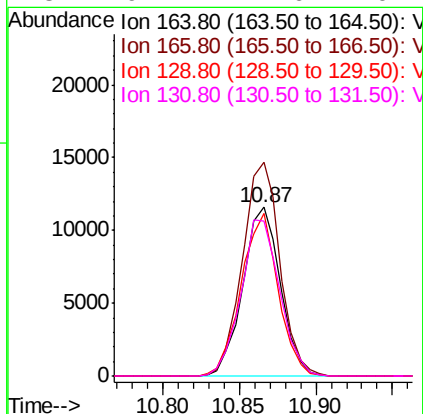
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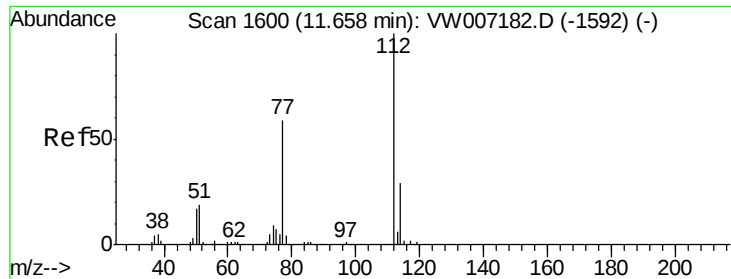
apatel
12/7/2018 12:20:00 PM



#64
Tetrachloroethene
Concen: 20.722 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.0	151.4
129	96.3	74.6	111.8
131	92.2	77.6	116.4





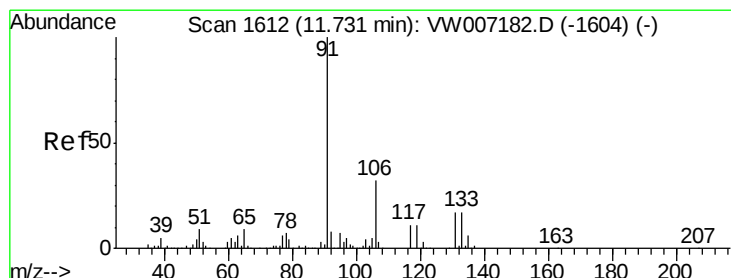
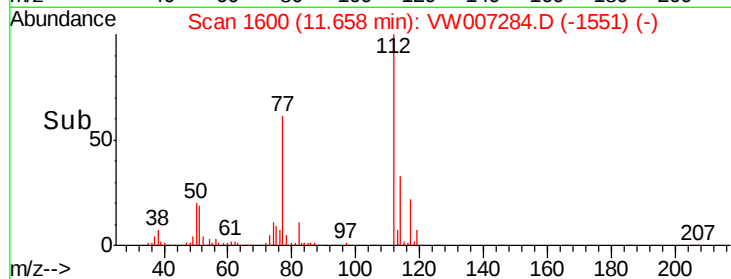
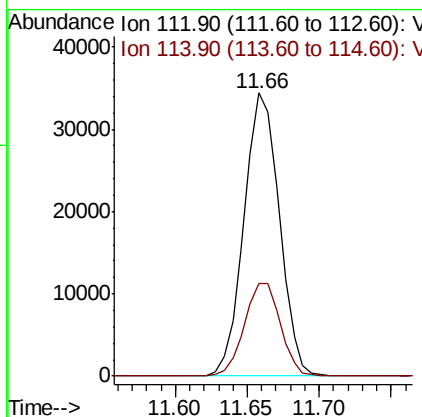
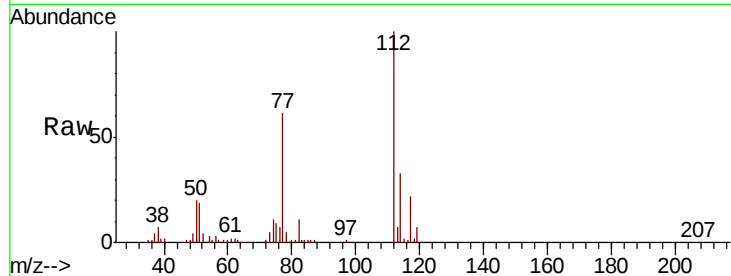
#65
Chlorobenzene
Concen: 20.107 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.0	34.4

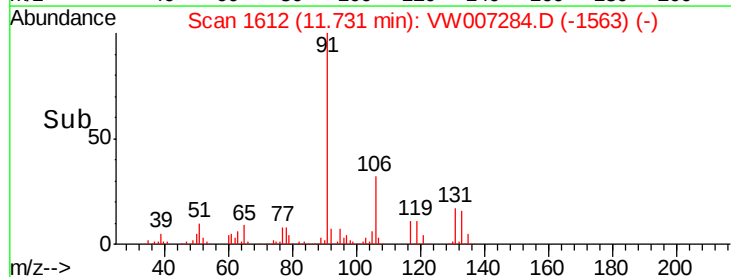
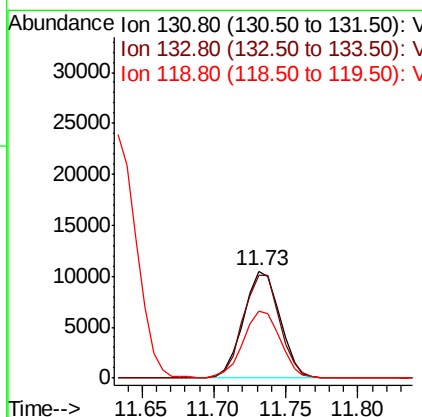
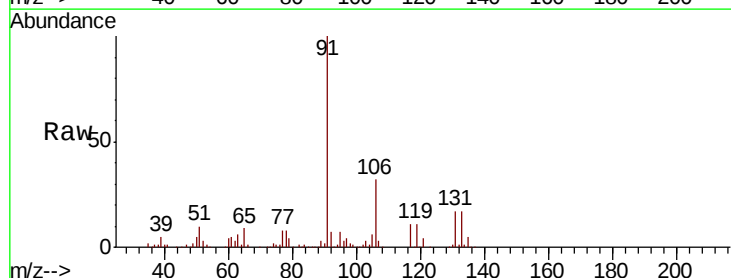
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.549 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.2
119	63.8	32.8	98.4





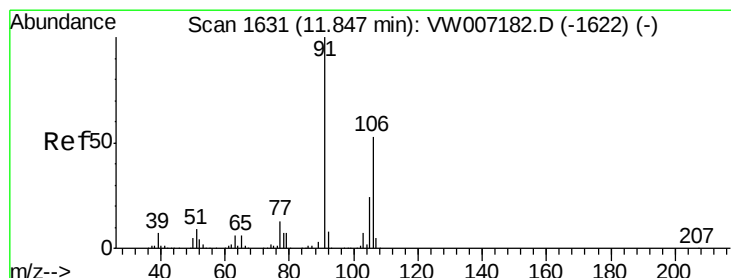
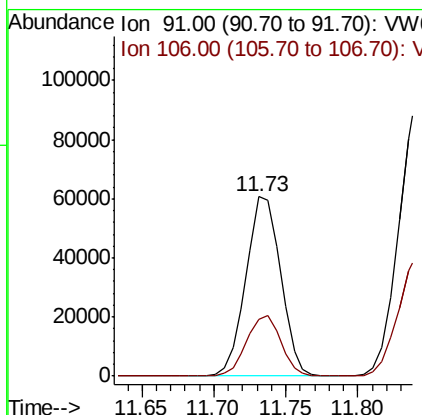
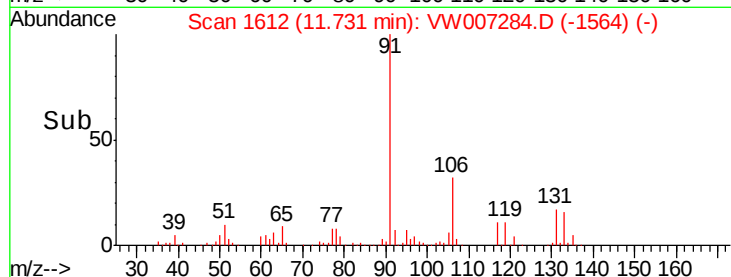
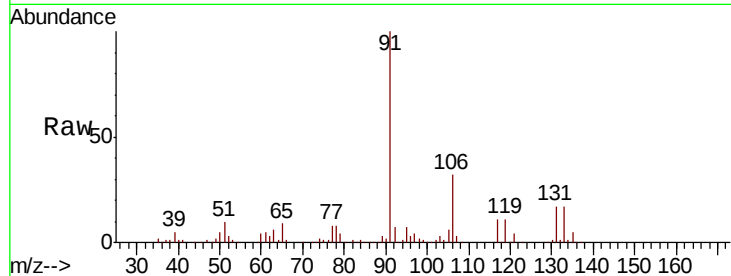
#67
Ethyl Benzene
Concen: 19.158 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleID :
VW1206SBS01

Tot Ion: 91 Resp: 101739
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0

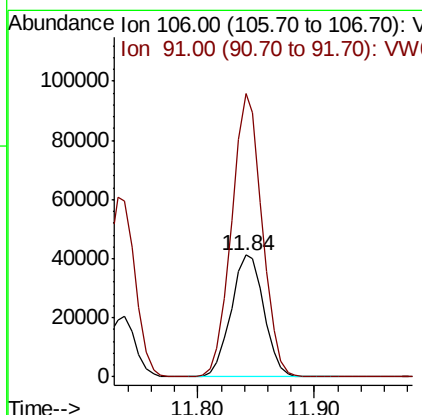
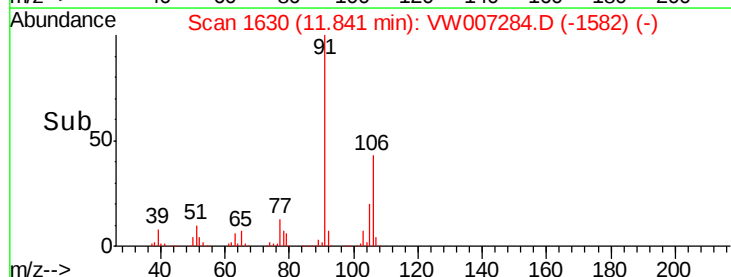
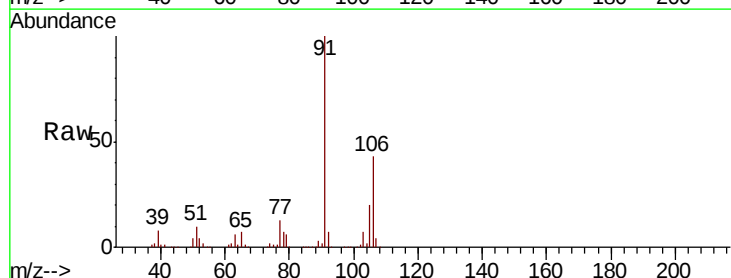
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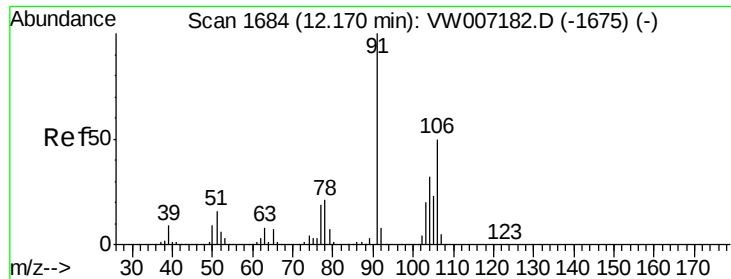
apatel
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#68
m/p-Xylenes
Concen: 38.790 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 106 Resp: 80814
Ion Ratio Lower Upper
106 100
91 215.9 160.2 240.4





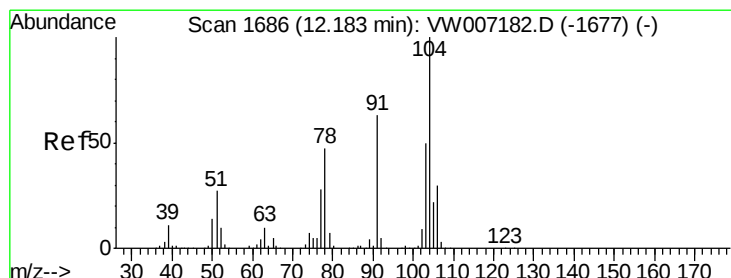
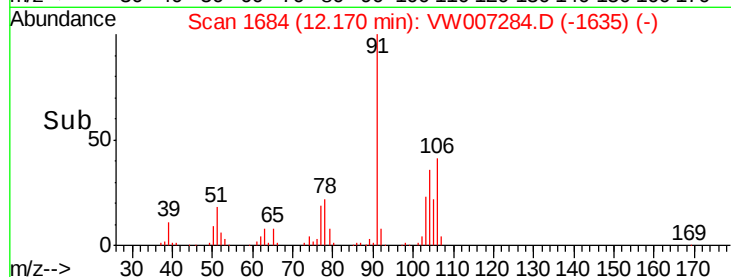
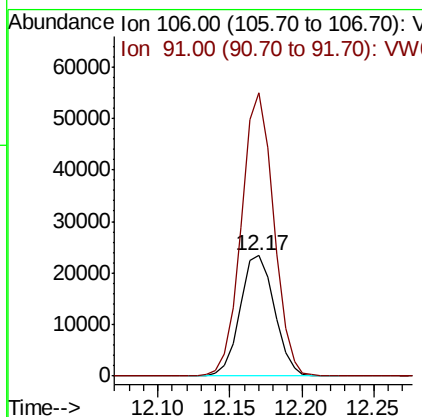
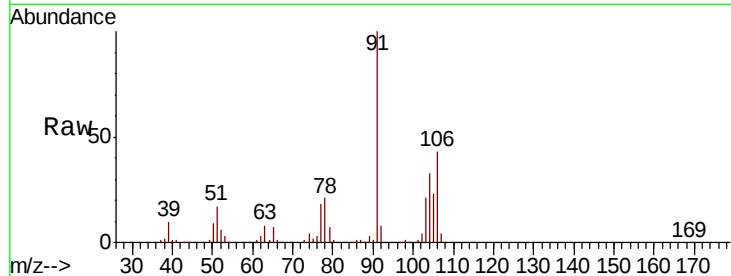
#69
o-Xylene
Concen: 19.989 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.7	104.9	314.7	

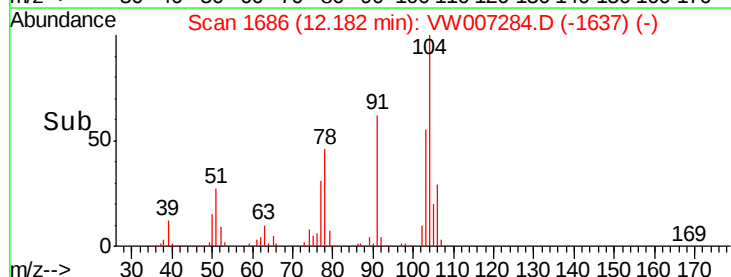
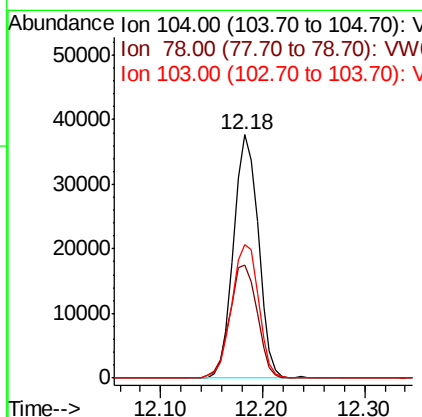
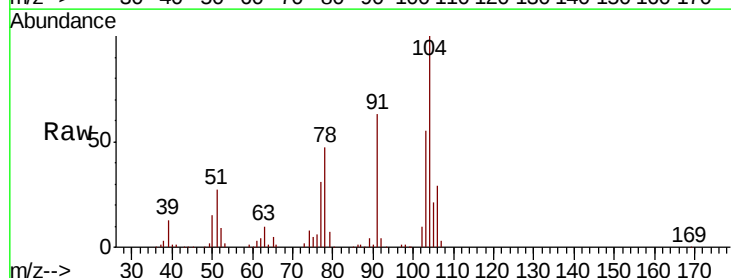
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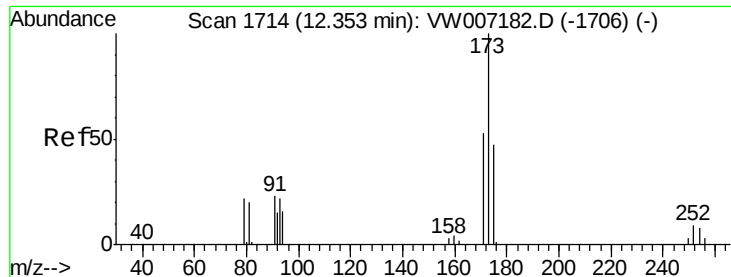
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#70
Styrene
Concen: 19.789 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.6	40.6	60.8	
103	59.6	43.0	64.4	





#71

Bromoform

Concen: 20.532 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

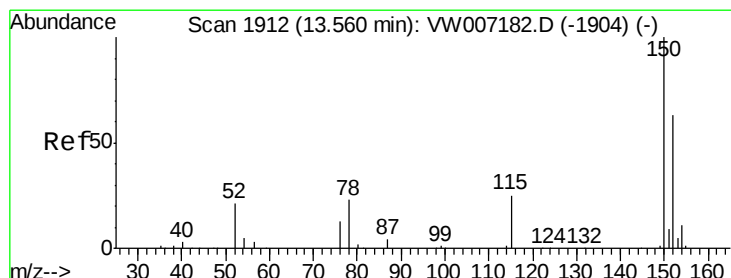
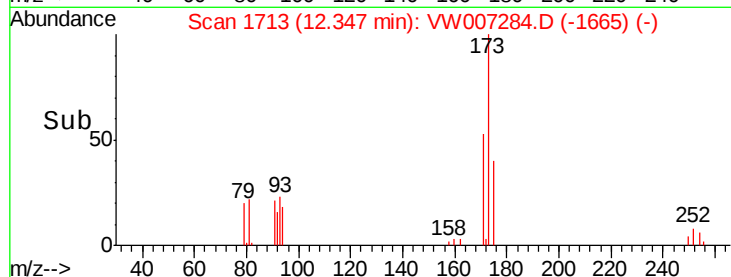
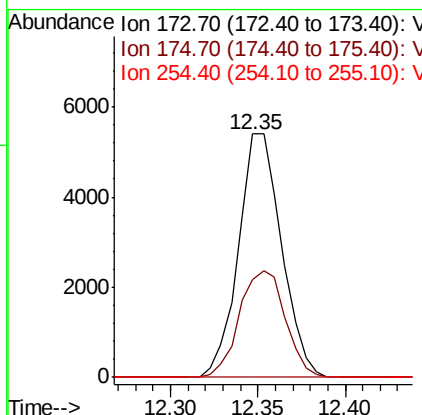
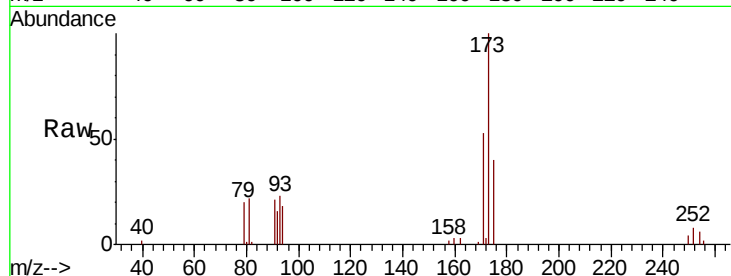
ClientSampleId :

VW1206SBSD01

Tot Ion:	173	Resp:	9249
Ion Ratio	Lower	Upper	
173	100		
175	46.6	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

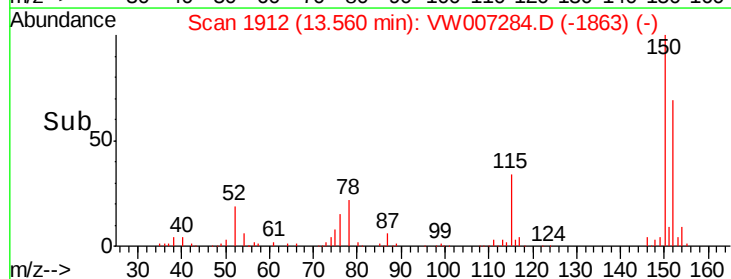
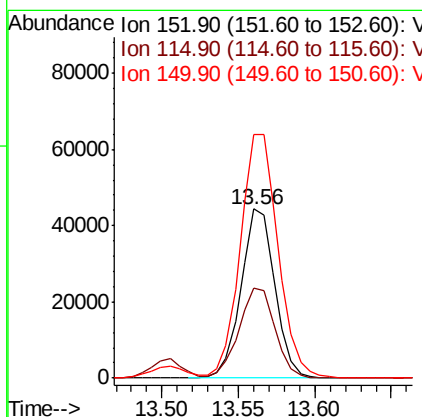
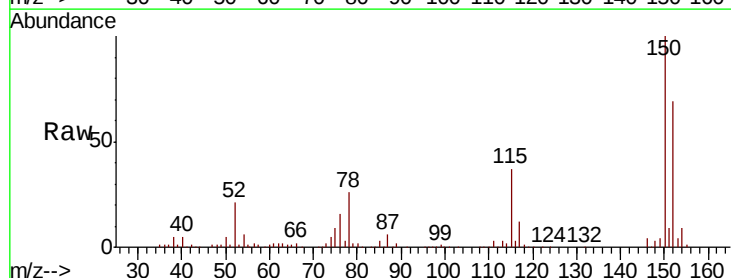
RT: 13.56 min Scan# 1912

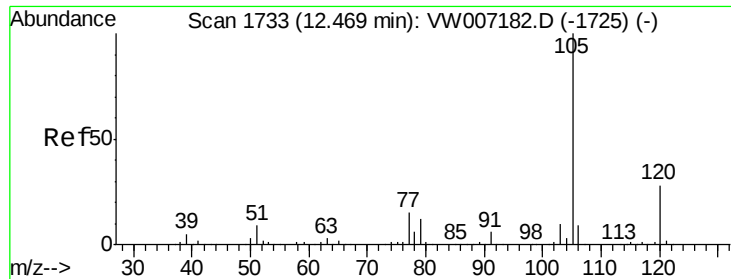
Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	152	Resp:	68159
Ion Ratio	Lower	Upper	
152	100		
115	56.6	31.3	93.8
150	160.6	0.0	358.0





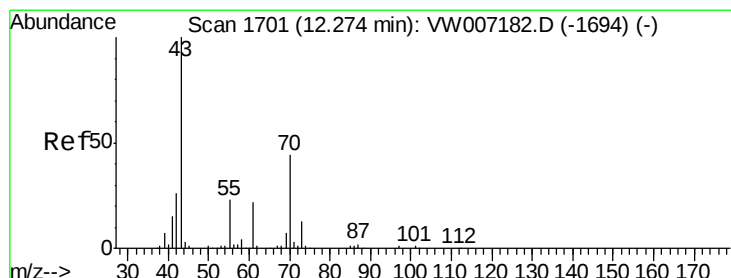
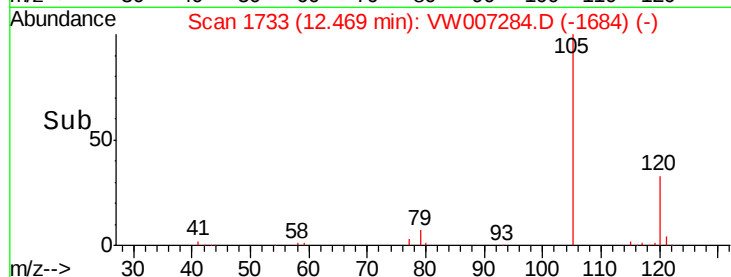
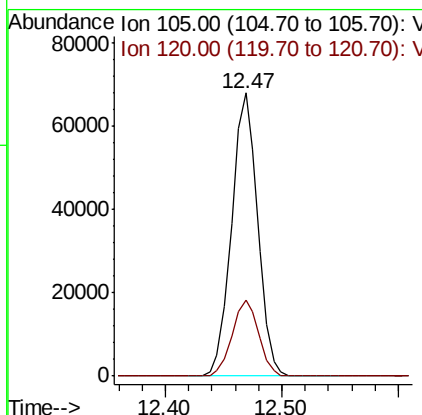
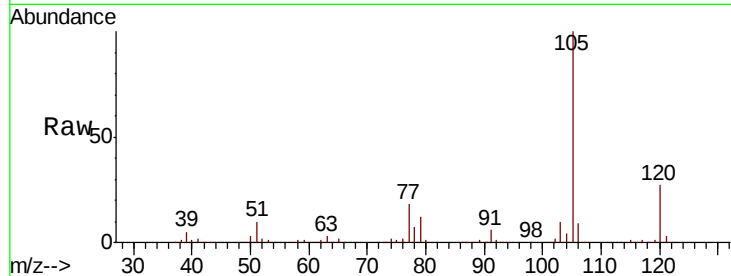
#73
Isopropylbenzene
Concen: 19.031 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion: 105 Resp: 105498
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

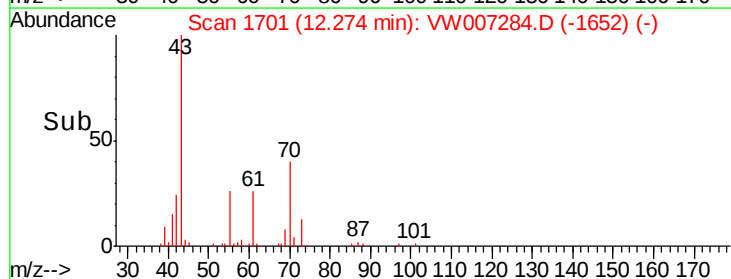
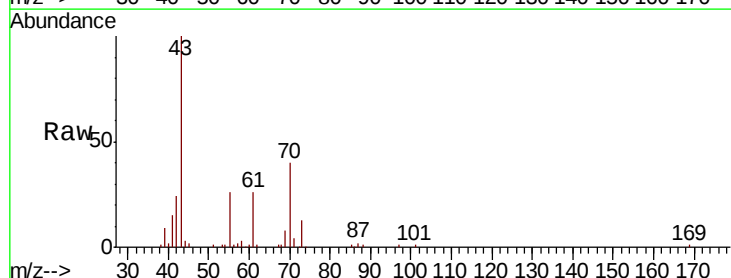
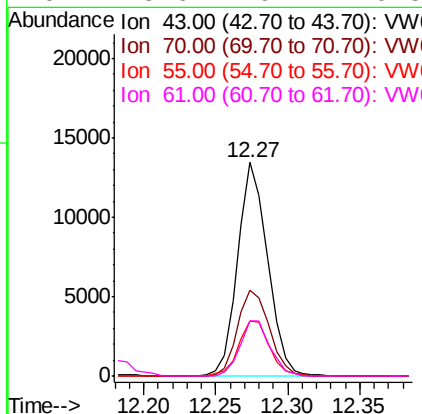
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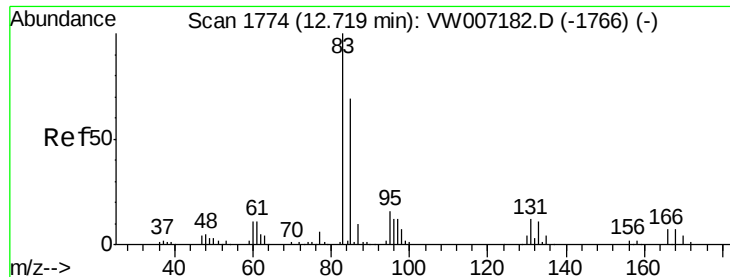
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#74
N-ethyl acetate
Concen: 19.832 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion: 43 Resp: 19492
Ion Ratio Lower Upper
43 100
70 42.6 34.0 51.0
55 26.3 19.0 28.6
61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.239 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

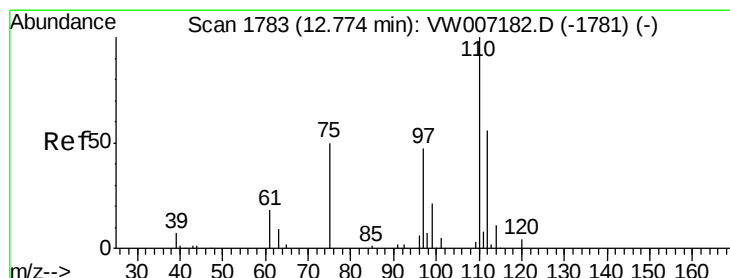
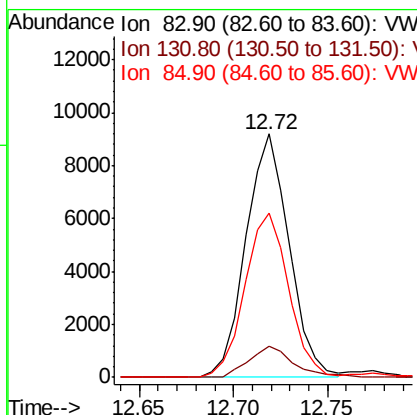
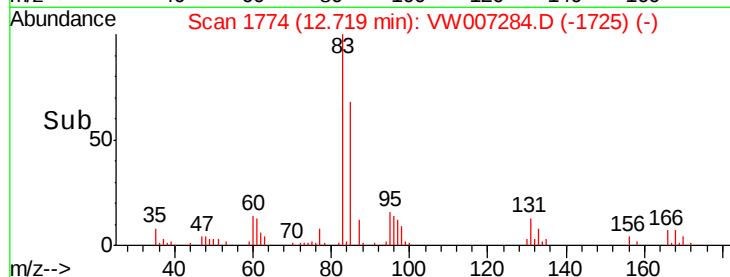
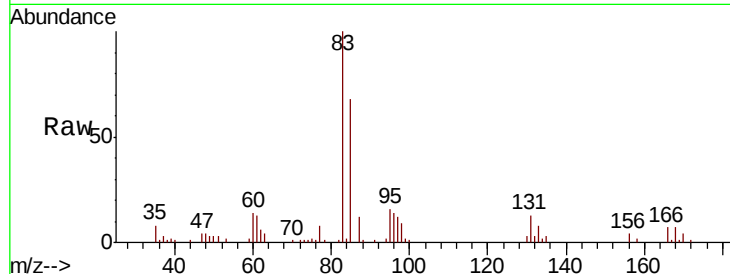
ClientSampleId :

VW1206SBSD01

Tot Ion:	83	Resp:	14571
Ion Ratio	Lower	Upper	
83	100		
131	13.3	6.0	18.1
85	68.4	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 17.468 ug/l m

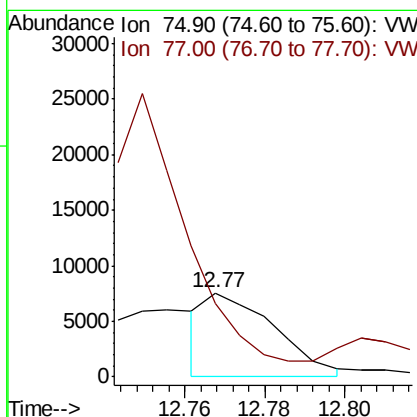
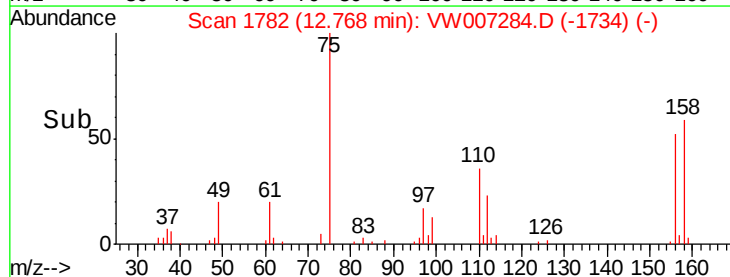
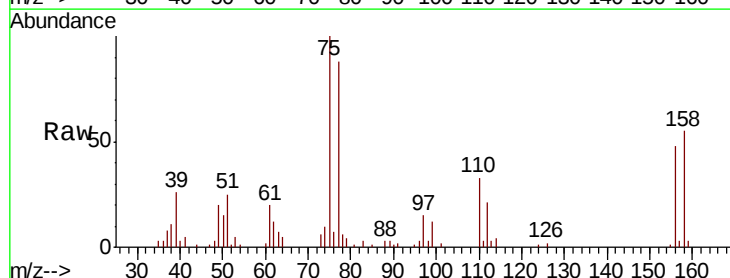
RT: 12.77 min Scan# 1782

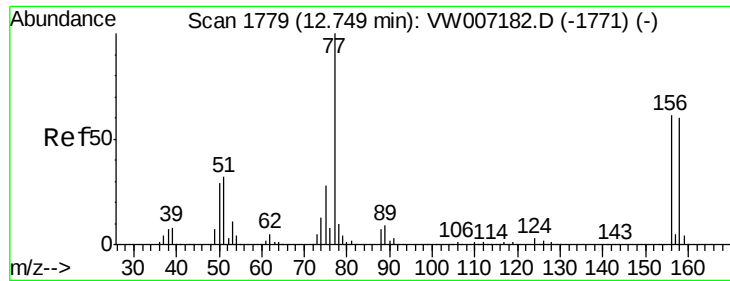
Delta R.T. -0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	75	Resp:	9219
Ion Ratio	Lower	Upper	
75	100		
77	456.4	0.0	0.0#





#77

Bromobenzene

Concen: 19.389 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion:156 Resp: 23201

Ion Ratio Lower Upper

156 100

77 181.3 92.0 276.1

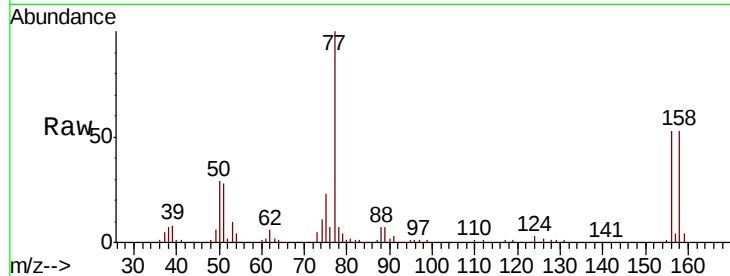
158 96.3 49.0 147.0

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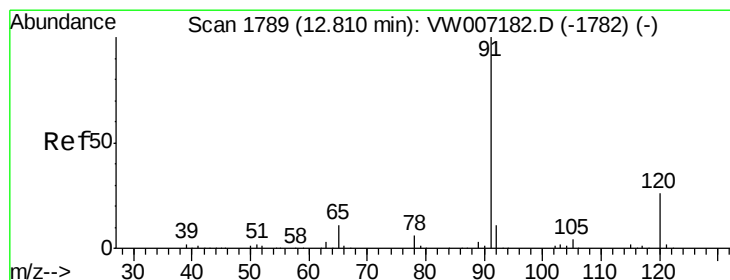
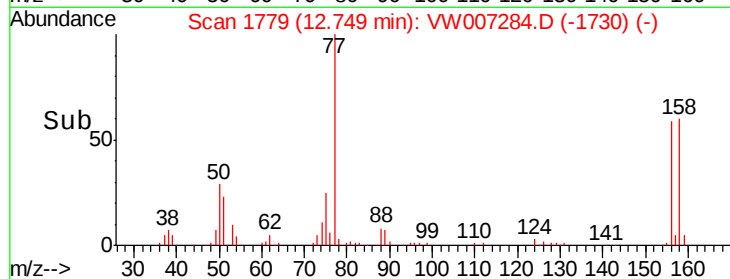
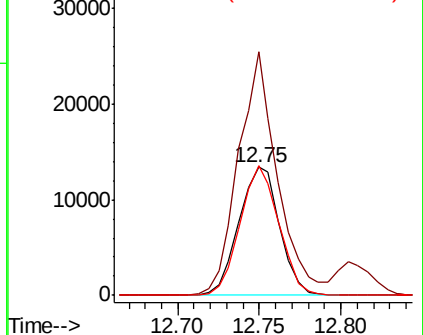
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.338 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007284.D

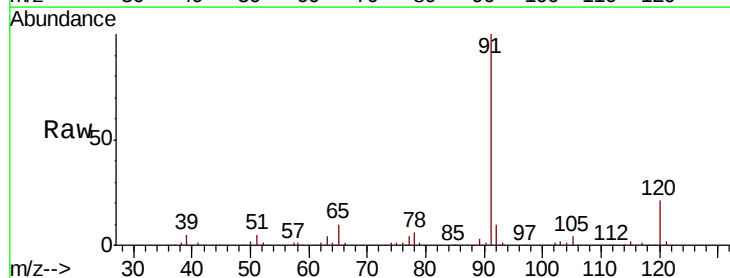
Acq: 06 Dec 2018 17:48

Tgt Ion: 91 Resp: 127715

Ion Ratio Lower Upper

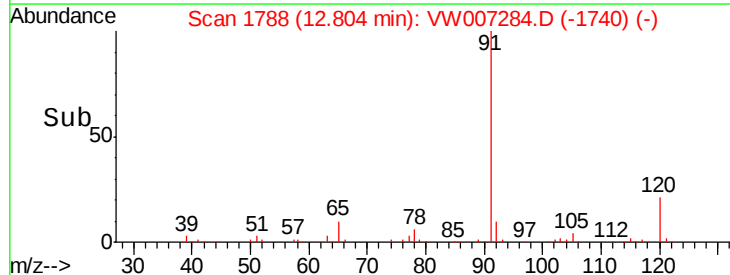
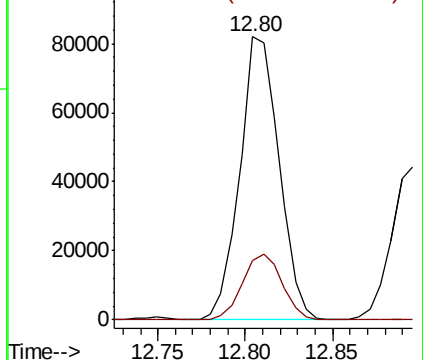
91 100

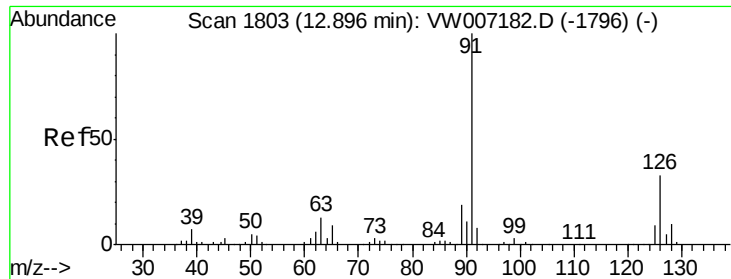
120 23.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





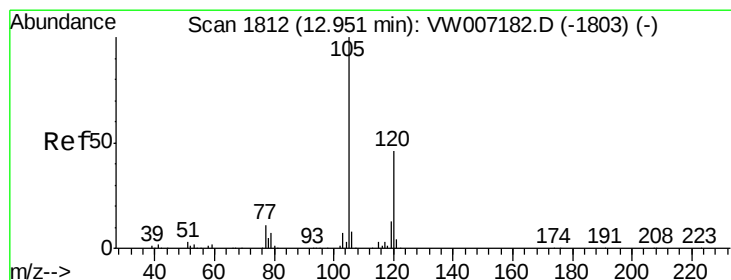
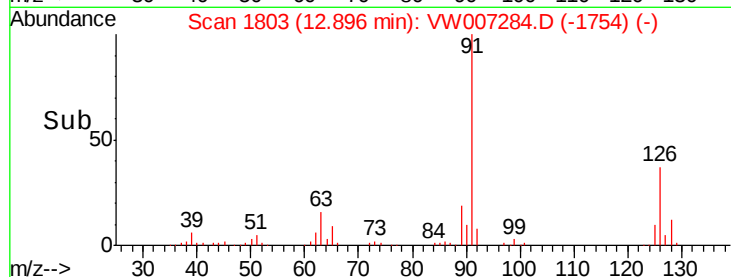
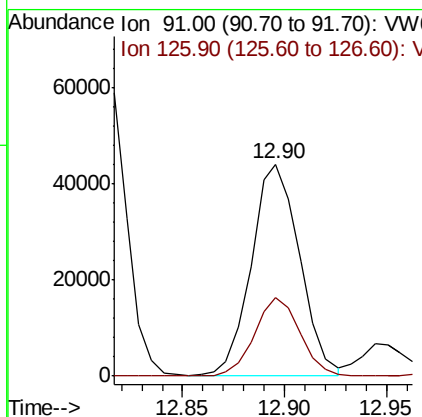
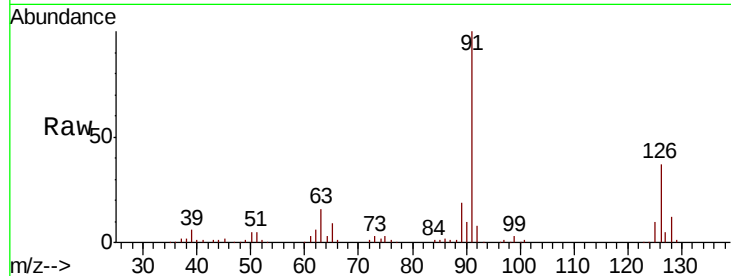
#79
2-Chlorotoluene
Concen: 19.452 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion: 91 Resp: 72549
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.1

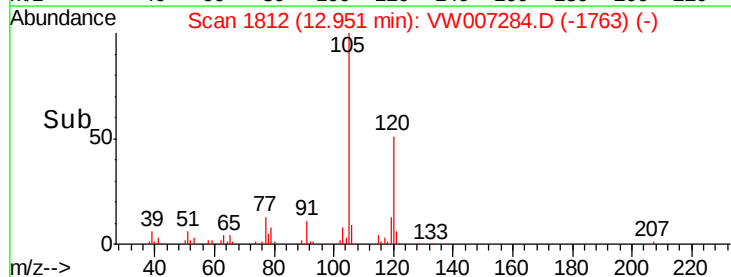
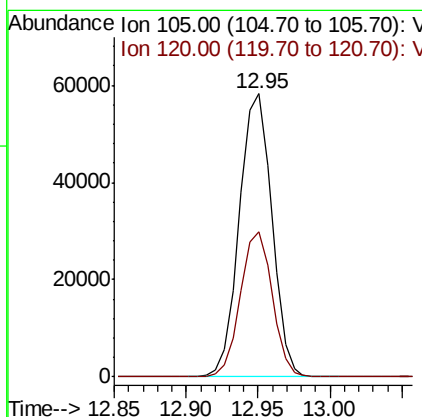
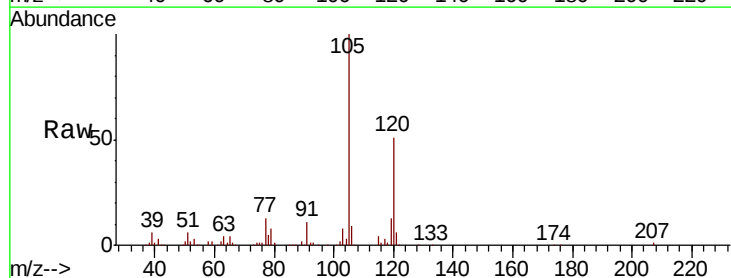
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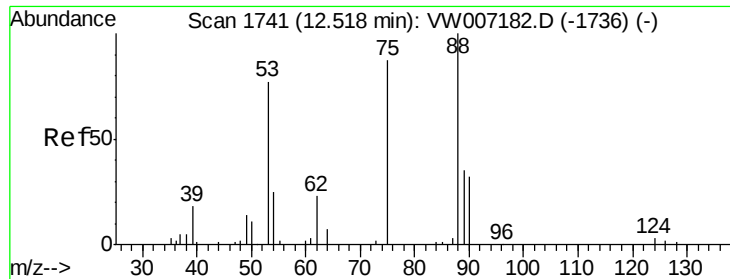
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 19.348 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion:105 Resp: 91756
Ion Ratio Lower Upper
105 100
120 50.1 23.8 71.5





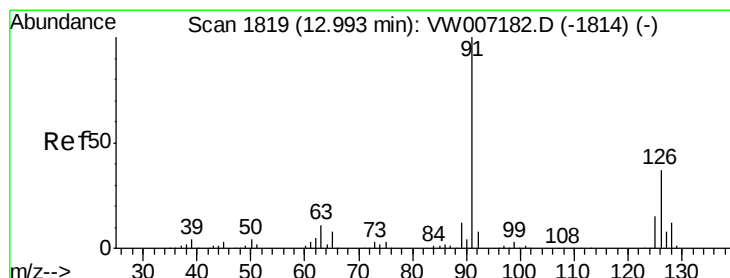
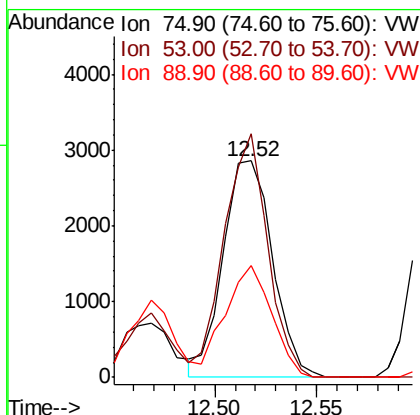
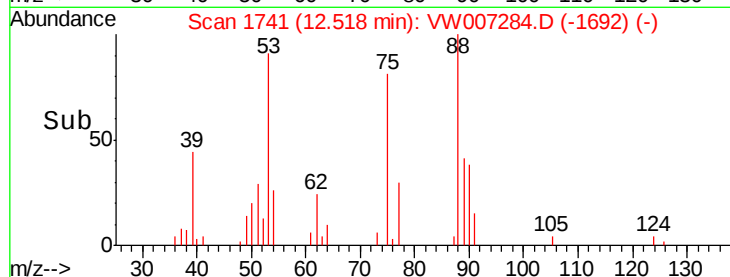
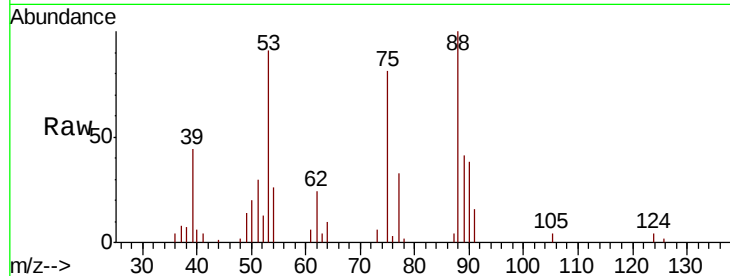
#81
trans-1,4-Dichloro-2-butene
Concen: 19.656 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	72.8	109.2
89	48.3	36.4	54.6

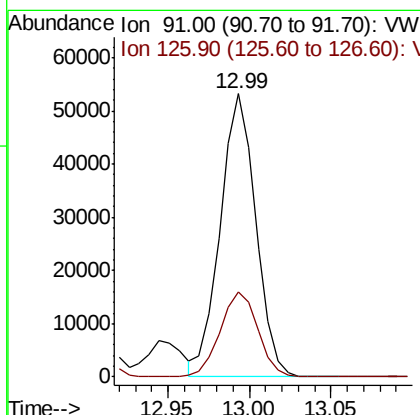
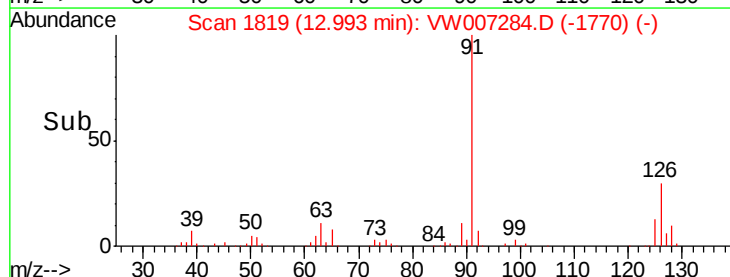
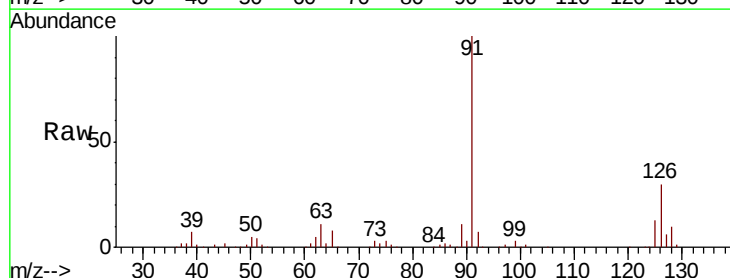
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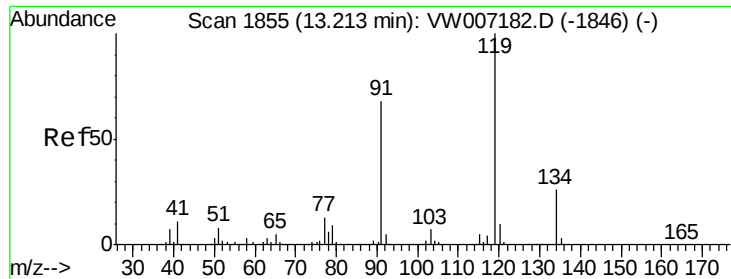
apatel
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#82
4-Chlorotoluene
Concen: 20.326 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	17.4	52.3





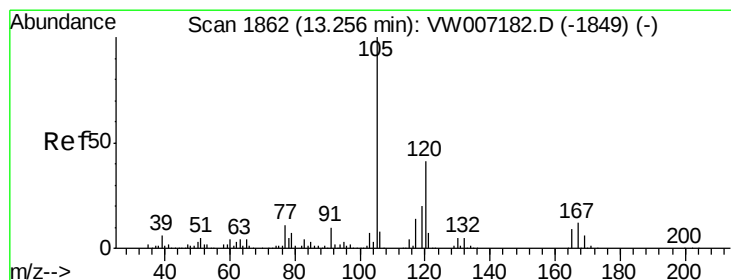
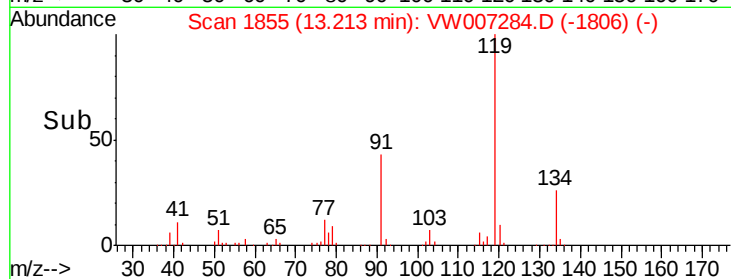
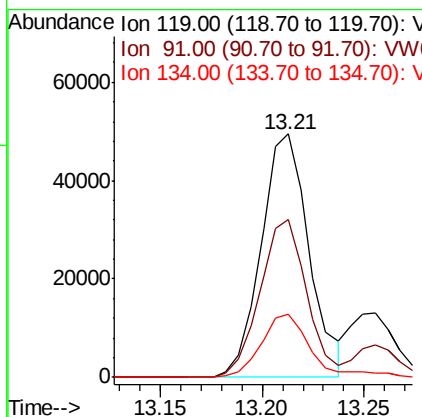
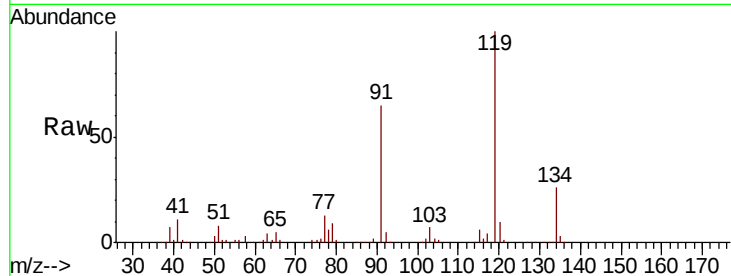
#83
tert-Butylbenzene
Concen: 19.549 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	34.0	101.8
134	26.8	13.2	39.5

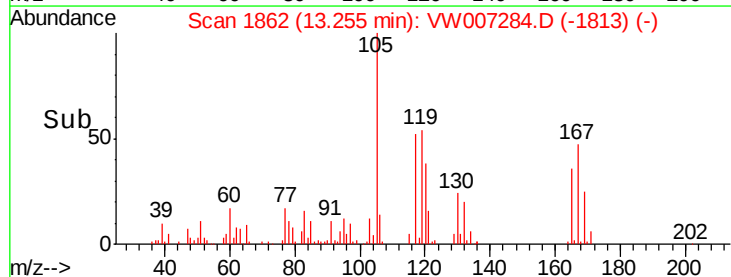
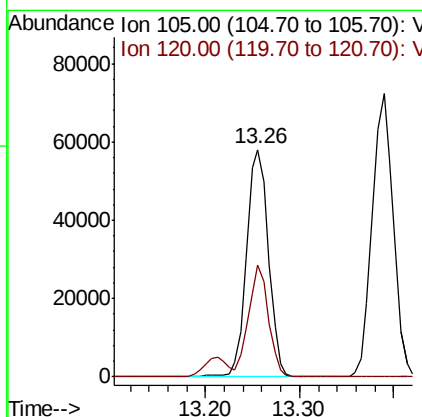
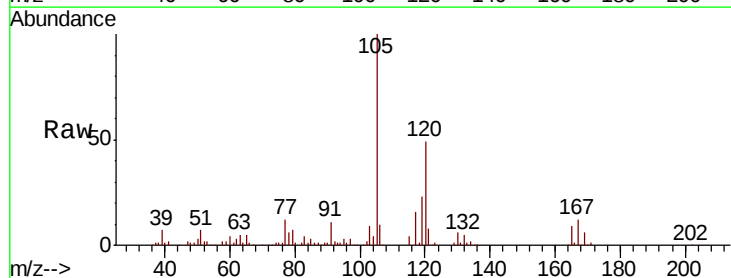
Manual Integrations
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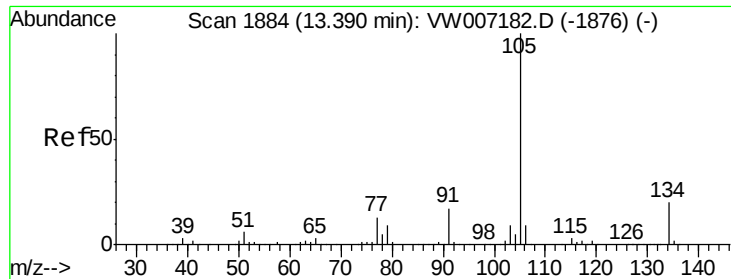
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#84
1,2,4-Trimethylbenzene
Concen: 19.318 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.1	63.3





#85

sec-Butylbenzene

Concen: 18.926 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

ClientSampleId :

VW1206SBS01

Tot Ion:105 Resp: 111977

Ion Ratio Lower Upper

105 100

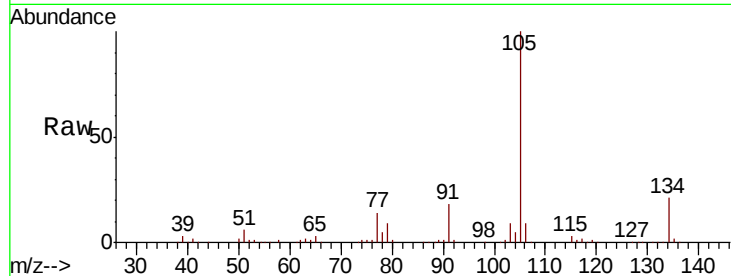
134 20.3 10.3 30.8

Manual Integrations

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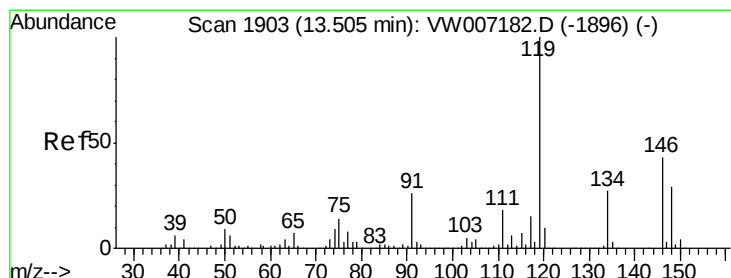
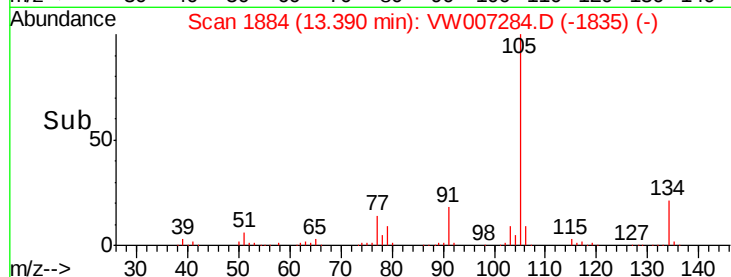
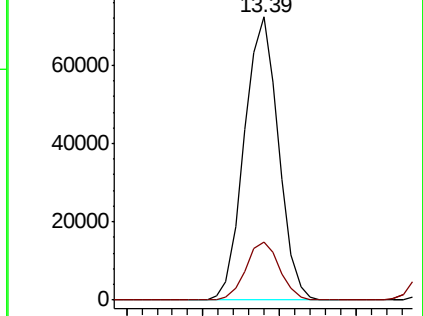
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.680 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

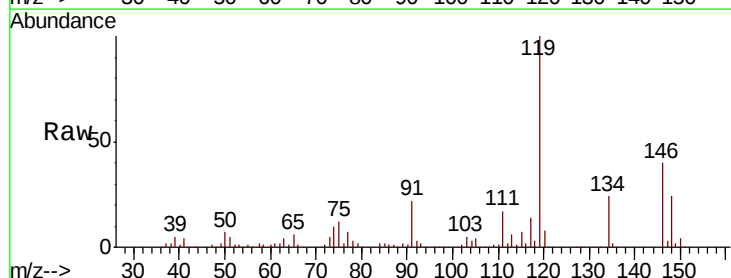
Tgt Ion:119 Resp: 108918

Ion Ratio Lower Upper

119 100

134 24.2 13.2 39.6

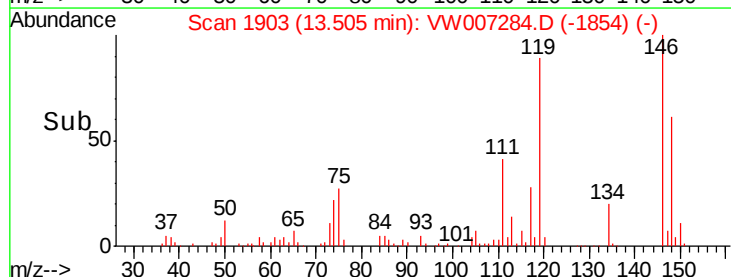
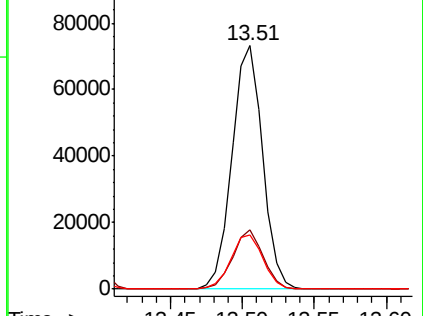
91 23.4 12.4 37.2

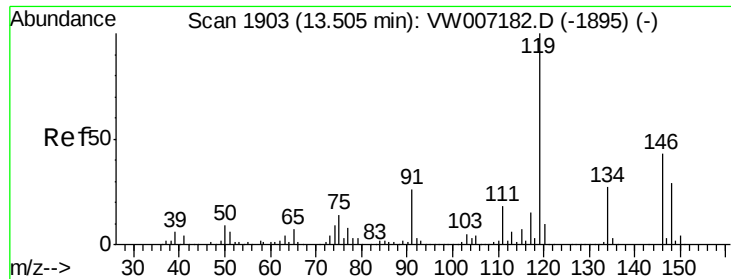


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.666 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

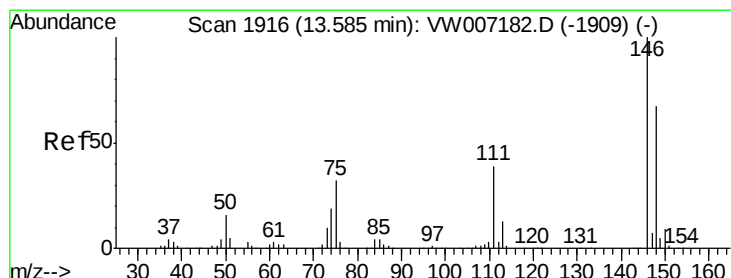
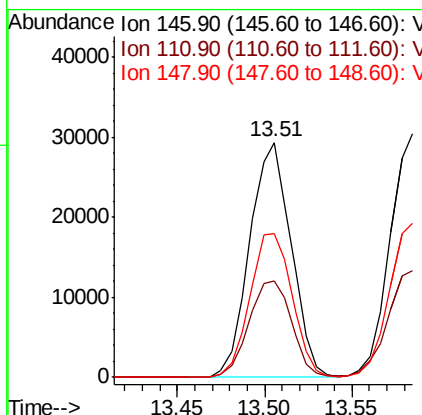
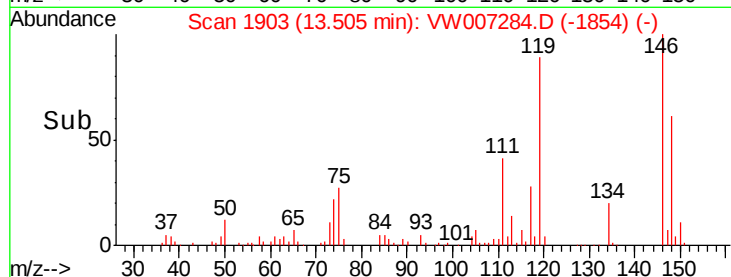
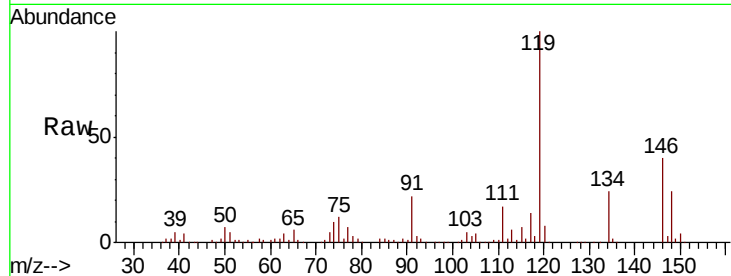
Instrument :
MSVOA_W

ClientSampleId :
VW1206SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	62.3	32.8	98.4

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#88

1,4-Dichlorobenzene

Concen: 19.207 ug/l

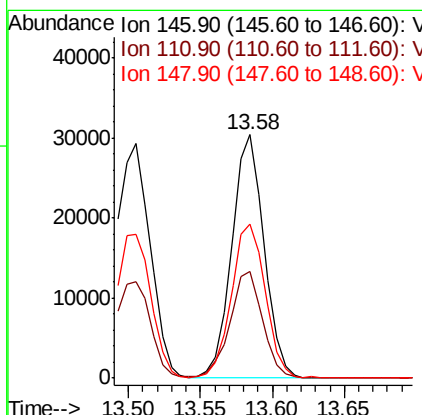
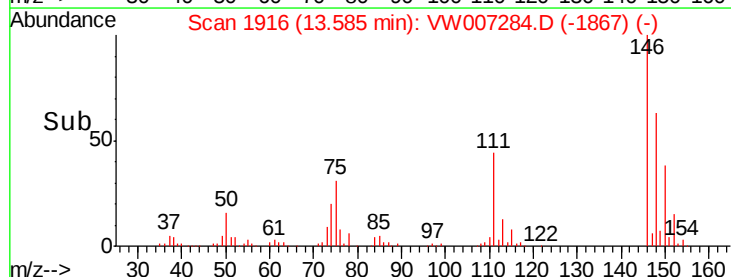
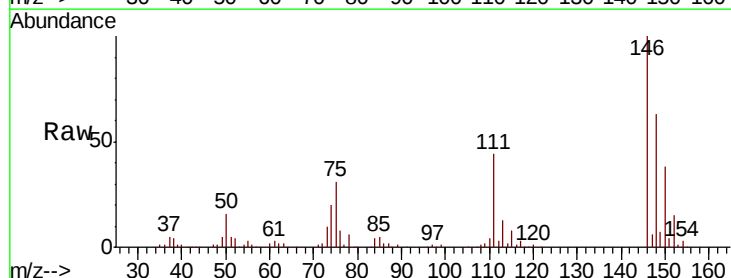
RT: 13.58 min Scan# 1916

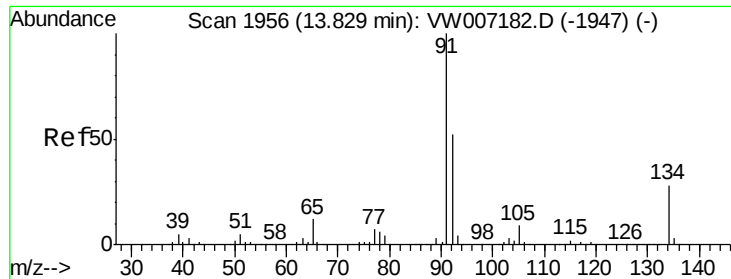
Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	19.6	58.8
148	66.5	32.6	98.0





#89

n-Butylbenzene

Concen: 19.409 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Instrument :

MSVOA_W

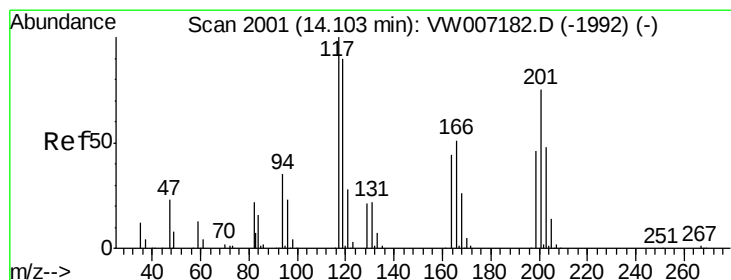
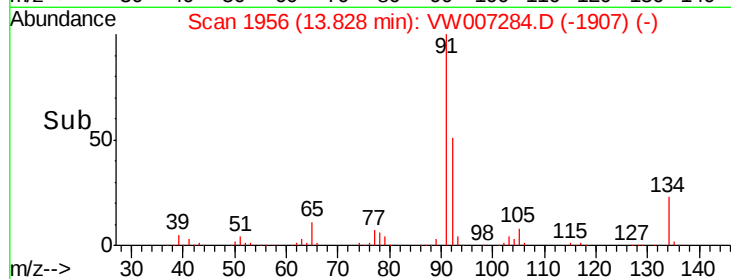
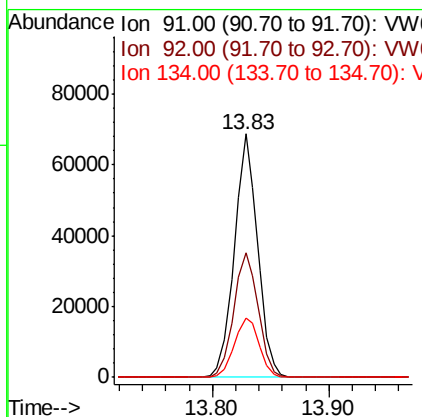
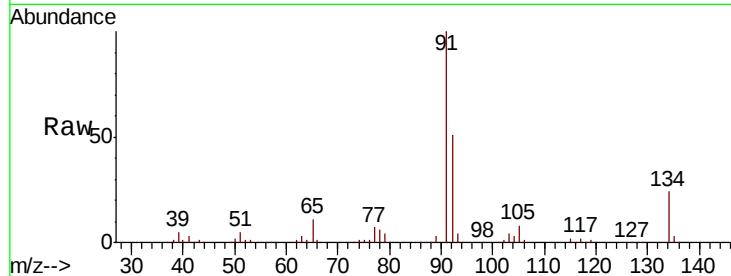
ClientSampleId :

VW1206SBS01

Tot Ion:	91	Resp:	95526
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.5	79.5
134	26.2	14.1	42.2

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#90

Hexachloroethane

Concen: 18.400 ug/l

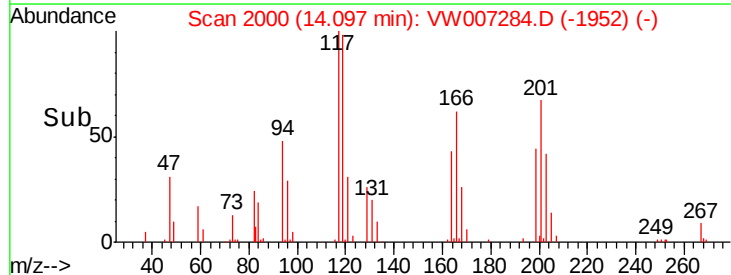
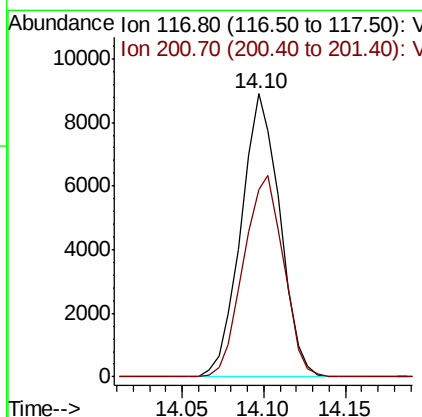
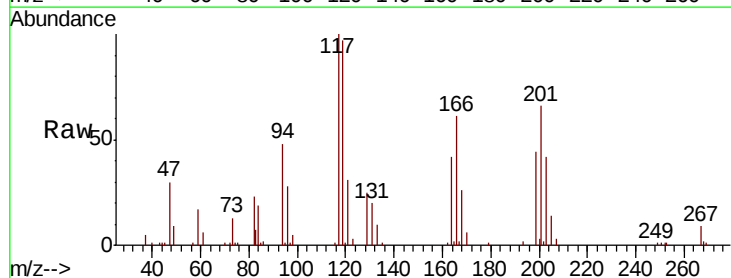
RT: 14.10 min Scan# 2000

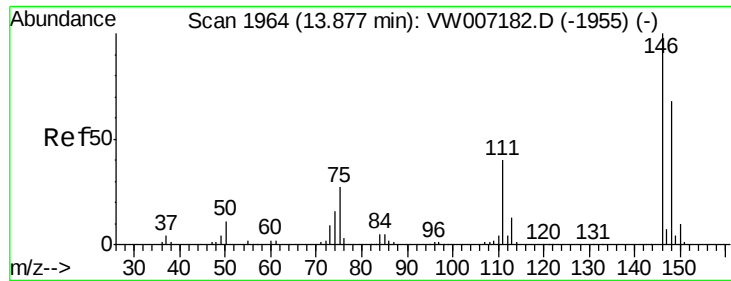
Delta R.T. -0.01 min

Lab File: VW007284.D

Acq: 06 Dec 2018 17:48

Tgt Ion:	117	Resp:	14768
Ion Ratio	Lower	Upper	
117	100		
201	73.2	36.0	108.1





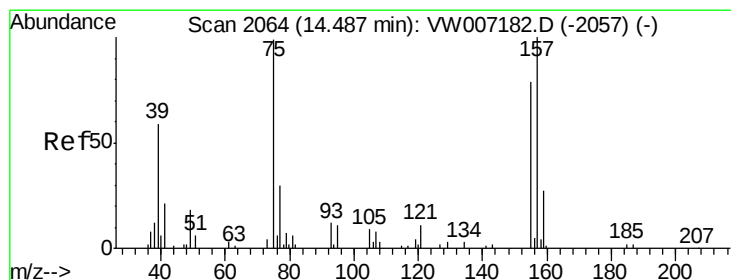
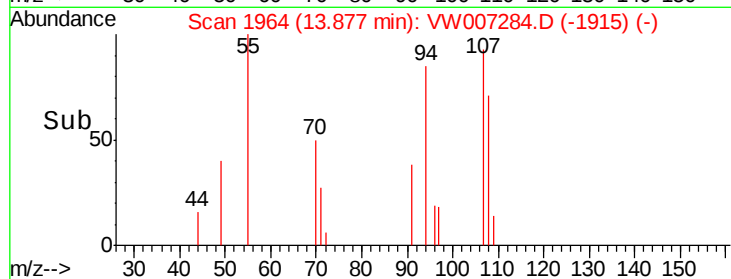
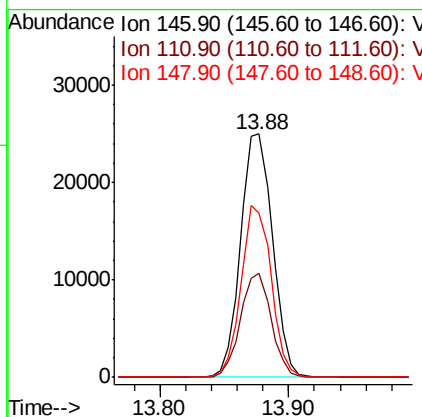
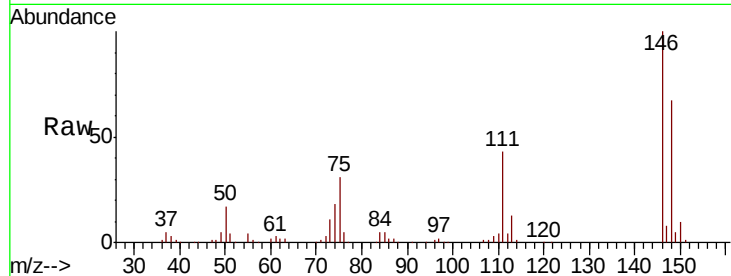
#91
 1,2-Dichlorobenzene
 Concen: 20.118 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.6	65.0
148	66.7	32.7	98.1

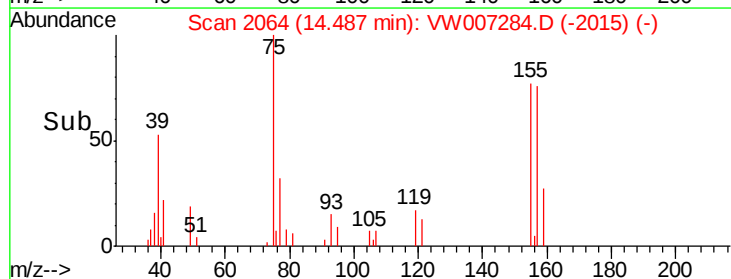
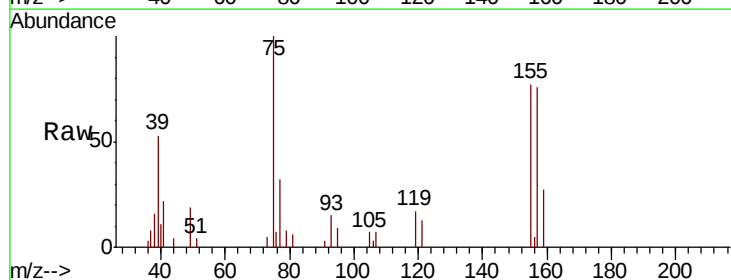
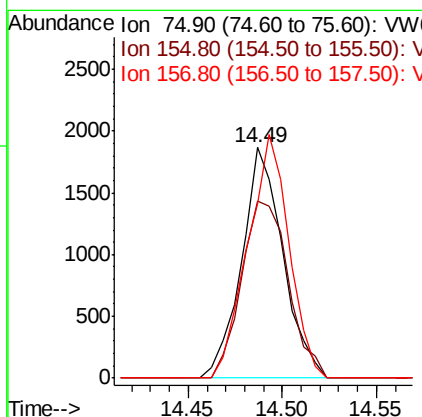
Manual Integrations
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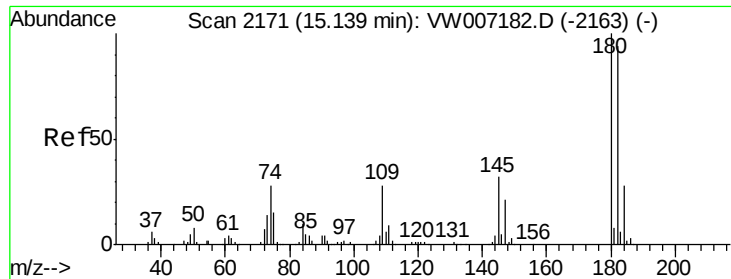
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 12/7/2018 12:20:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.291 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007284.D
 Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	42.4	127.2
157	104.9	55.3	165.9





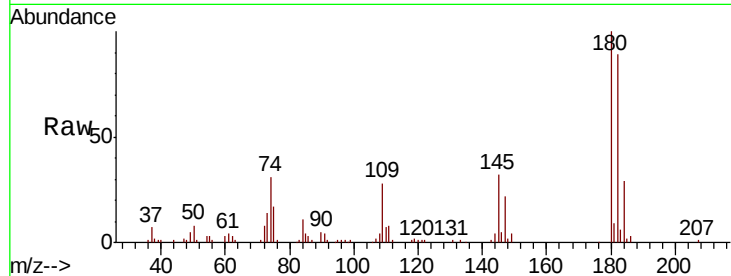
#93
1,2,4-Trichlorobenzene
Concen: 20.830 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30698		
182	88.5	47.9	143.8	
145	31.3	16.6	49.7	

Manual Integrations
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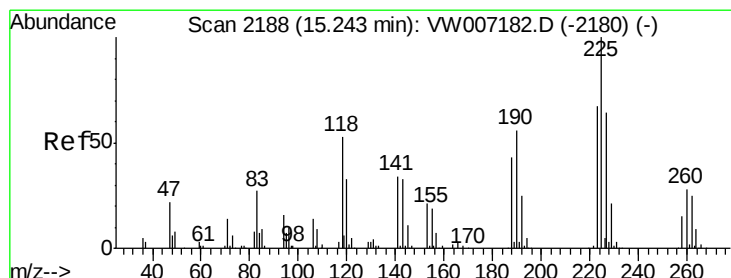
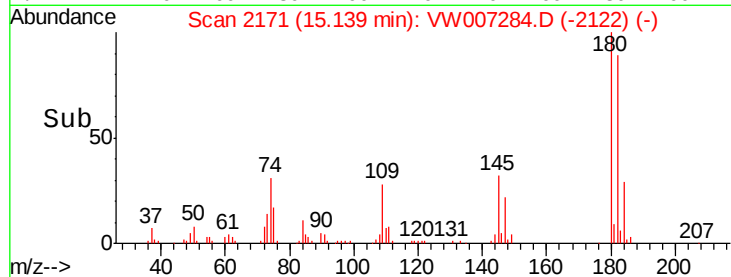
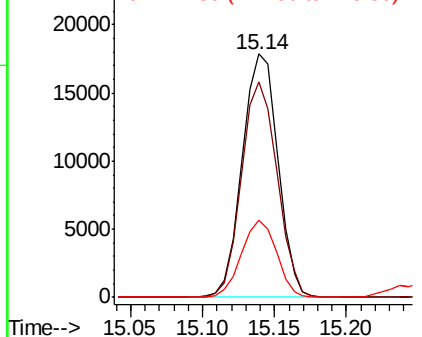


Abundance

Ion 179.80 (179.50 to 180.50): V

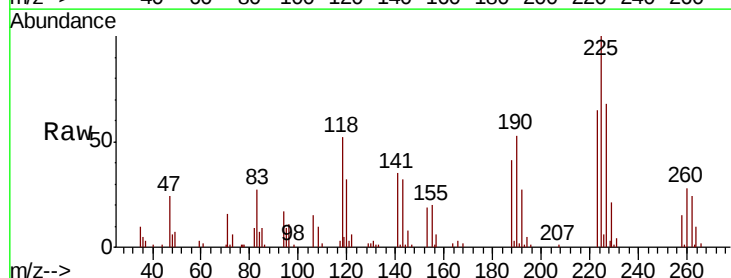
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 20.655 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16415		
223	64.2	32.3	96.8	
227	64.5	32.1	96.3	

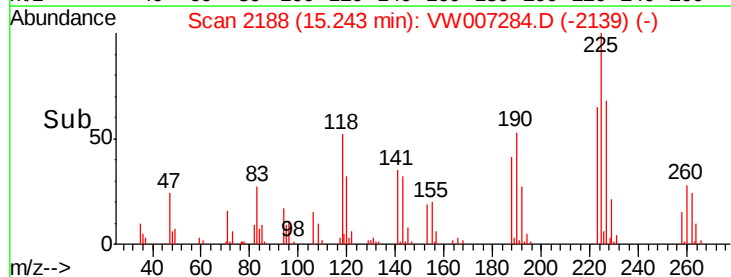
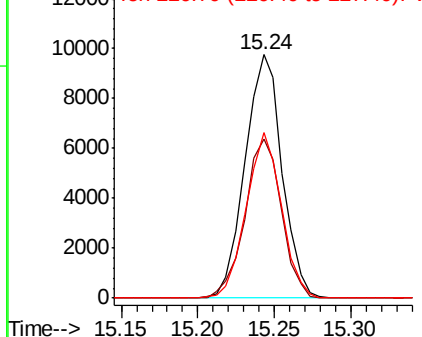


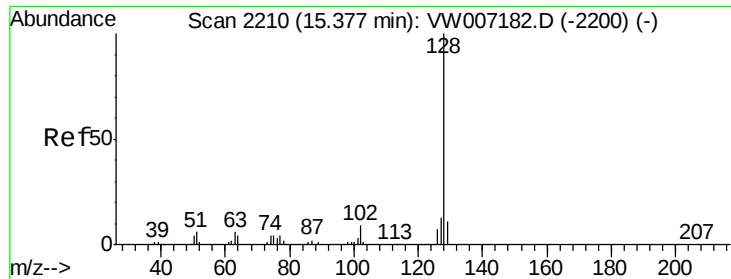
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





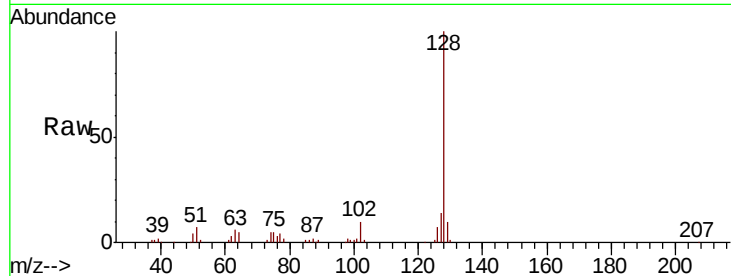
#95
Naphthalene
Concen: 19.799 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Instrument :
MSVOA_W
ClientSampleId :
VW1206SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.0	8.6	13.0

Manual Integrations
APPROVED

apatel
12/7/2018 12:20:00 PM

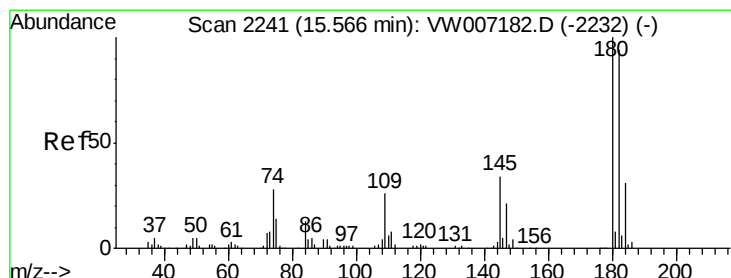
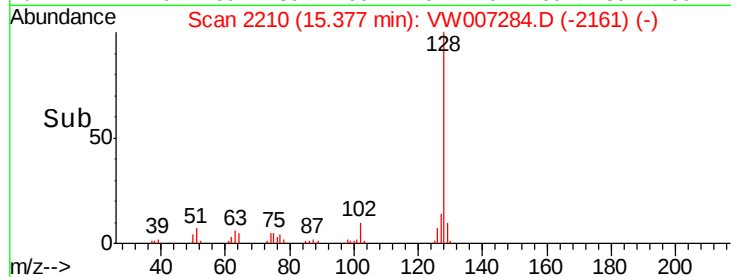
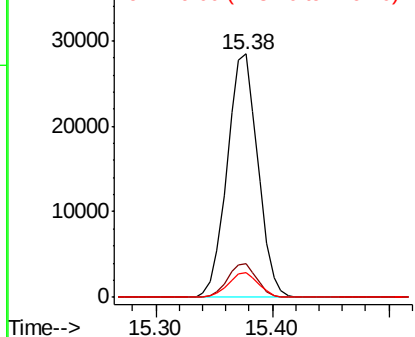


Abundance

Ion 128.00 (127.70 to 128.70): V

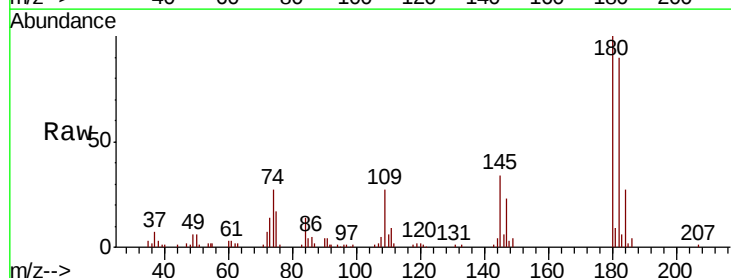
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.128 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007284.D
Acq: 06 Dec 2018 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	34.1	17.6	52.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

